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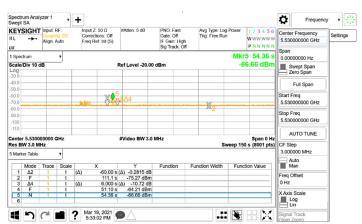
13 CHANNEL AVAILABILITY CHECK MEASUREMENT

13.1 5500MHz

The time of channel availability check (60s)



Radar type 0:





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14 INSERVICE MONITORING

14.1 5500MHz:

Short Pulse Radar Type	Minimum Number of Trials	Detection(%)		Minimum Percentage of Successful Detection(%)	Pass/Fail
1	30	96	.67	60	Pass
2	30	1	00	60	Pass
3	30	96	.67	60	Pass
4	30	93	.33	60	Pass
Aggregate (Radar Types 1-4)	120	96.	6675	80	Pass
Long Pulse Radar Type	Minimum Number of Trials	Each Detection(%)	Total Detection(%)	Minimum Percentage of Successful Detection(%)	Pass/Fail
5	Center:10 Low Edge:10	100 100	100	80	Pass
	High Edge:10	100			
Frequency Hopping Radar Type	Minimum Number of Trials	Detection(%)		Minimum Percentage of Successful Detection(%)	Pass/Fail
6	30	96.66	666667	70	Pass



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Radar Type 1 for 5500 MHz: 14.2

Data Sheet for FCC Radar Type 1

Trial	VSG Freqency (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	1	1930.5	518	Α	Yes
2	5500	5	1672.2	598	Α	Yes
3	5500	3	1792.1	558	Α	Yes
4	5500	14	1285.3	778	Α	Yes
5	5500	21	1089.3	918	Α	Yes
6	5500	18	1165.5	858	Α	Yes
7	5500	12	1355	738	Α	Yes
8	5500	11	1392.8	718	Α	No
9	5500	23	326.2	3066	Α	Yes
10	5500	4	1730.1	578	Α	Yes
11	5500	20	1113.6	898	Α	Yes
12	5500	9	1474.9	678	Α	Yes
13	5500	2	1858.7	538	Α	Yes
14	5500	16	1222.5	818	Α	Yes
15	5500	15	1253.1	798	Α	Yes
16	5500	-	563.7	1774	В	Yes
17	5500	-	341.4	2929	В	Yes
18	5500	-	439	2278	В	Yes
19	5500	-	1745.2	573	В	Yes
20	5500	-	587.2	1703	В	Yes
21	5500	-	380.4	2629	В	Yes
22	5500	-	663.1	1508	В	Yes
23	5500	-	340.5	2937	В	Yes
24	5500	-	361.3	2768	В	Yes
25	5500	-	537.6	1860	В	Yes
26	5500	-	1426.5	701	В	Yes
27	5500	-	499.8	2001	В	Yes
28	5500	-	691.1	1447	В	Yes
29	5500	-	465.8	2147	В	Yes
30	5500	-	338.6	2953	В	Yes



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Radar Type 2 for 5500 MHz: 14.3

Data Sheet for FCC Radar Type 2

Trial	VSG Freqency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			(μs)	(μs)	(Yes/No)
1	5500	27	3.4	196	Yes
2	5500	29	5	226	Yes
3	5500	27	3.4	215	Yes
4	5500	24	1.6	179	Yes
5	5500	23	1	164	Yes
6	5500	28	4.4	228	Yes
7	5500	26	3	203	Yes
8	5500	28	4.4	159	Yes
9	5500	29	4.5	151	Yes
10	5500	29	4.7	218	Yes
11	5500	28	4.1	198	Yes
12	5500	24	2	229	Yes
13	5500	27	3.8	197	Yes
14	5500	23	1	194	Yes
15	5500	28	4.4	170	Yes
16	5500	27	3.8	213	Yes
17	5500	27	3.4	150	Yes
18	5500	27	3.3	186	Yes
19	5500	28	4.2	214	Yes
20	5500	26	3.1	168	Yes
21	5500	29	4.6	202	Yes
22	5500	29	4.8	181	Yes
23	5500	24	1.8	174	Yes
24	5500	23	1.2	191	Yes
25	5500	26	2.9	223	Yes
26	5500	27	3.3	176	Yes
27	5500	27	3.4	180	Yes
28	5500	29	4.5	162	Yes
29	5500	23	1.3	220	Yes
30	5500	27	3.3	172	Yes

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Radar Type 3 for 5500 MHz: 14.4

Data Sheet for FCC Radar Type 3

Trial	VSG Freqency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection			
			(μs)	(μs)	(Yes/No)			
1	5500	17	8.4	231	Yes			
2	5500	18	10	364	Yes			
3	5500	17	8.4	207	Yes			
4	5500	16	6.6	224	Yes			
5	5500	16	6	284	No			
6	5500	18	9.4	468	Yes			
7	5500	17	8	500	Yes			
8	5500	18	9.4	400	Yes			
9	5500	18	9.5	418	Yes			
10	5500	18	9.7	306	Yes			
11	5500	18	9.1	326	Yes			
12	5500	16	7	456	Yes			
13	5500	18	8.8	476	Yes			
14	5500	16	6	324	Yes			
15	5500	18	9.4	389	Yes			
16	5500	18	8.8	411	Yes			
17	5500	17	8.4	314	Yes			
18	5500	17	8.3	477	Yes			
19	5500	18	9.2	463	Yes			
20	5500	17	8.1	480	Yes			
21	5500	18	9.6	388	Yes			
22	5500	18	9.8	296	Yes			
23	5500	16	6.8	374	Yes			
24	5500	16	6.2	404	Yes			
25	5500	17	7.9	467	Yes			
26	5500	17	8.3	424	Yes			
27	5500	17	8.4	295	Yes			
28	5500	18	9.5	257	Yes			
29	5500	16	6.3	361	Yes			
30	5500	17	8.3	449	Yes			

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14.5 Radar Type 4 for 5500 MHz:

Data Sheet for FCC Radar Type 4

Trial	VSG Freqency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			(μs)	(μs)	(Yes/No)
1	5500	14	16.3	231	Yes
2	5500	16	19.9	364	Yes
3	5500	15	16.5	207	Yes
4	5500	12	12.5	224	No
5	5500	12	11.2	284	Yes
6	5500	16	18.6	468	Yes
7	5500	14	15.4	500	Yes
8	5500	16	18.5	400	Yes
9	5500	16	18.9	418	Yes
10	5500	16	19.3	306	Yes
11	5500	15	18	326	Yes
12	5500	13	13.4	456	Yes
13	5500	15	17.4	476	Yes
14	5500	12	11	324	Yes
15	5500	16	18.6	389	Yes
16	5500	15	17.2	411	Yes
17	5500	14	16.3	314	Yes
18	5500	14	16.2	477	Yes
19	5500	15	18.1	463	Yes
20	5500	14	15.6	480	Yes
21	5500	16	19	388	Yes
22	5500	16	19.6	296	Yes
23	5500	13	12.9	374	Yes
24	5500	12	11.4	404	Yes
25	5500	14	15.3	467	Yes
26	5500	14	16.2	424	Yes
27	5500	14	16.3	295	No
28	5500	16	18.8	257	Yes
29	5500	12	11.8	361	Yes
30	5500	14	16.2	449	Yes

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Radar Type 5 for 5500 MHz 14.6

14.6.1 Trial 1:

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		1		VSG F	reqency(MHz):	5500
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interva
	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)
1	2	79.5	14	1743.5		662720
2	3	99.4	14	1577.6	1802.6	59114
3	2	80.5	14	1711.5		252532
4	1	58.3	14			446839
5	1	51.1	14			640616
6	3	92.1	14	1145.9	1353.9	35365
7	2	74.6	14	1589.4		228634
8	3	91.7	14	1369.3	1105.3	421292
9	3	93.8	14	1287.2	1197.2	614320
10	3	96.2	14	1003.8	1125.8	11608
11	3	88.8	14	1383.2	922.2	204585
12	1	63.2	14			399173
13	3	85.3	14	1141.7	1167.7	590969
14	1	50.2	14			786552
15	3	91.9	14	1292.1	985.1	180894

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14.6.2 Trial 2:

Data Sheet for FCC Radar Type 5								
Trial Number:		2		VSG F	G Freqency(MHz): 5500			
Number of Bu	ırsts in Trial:		20	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(μ sec)		
1	3	84.3	20	1471.7	1453.7	279491		
2	2	79.4	20	1010.6		425883		
3	2	78.7	20	1699.3		570091		
4	3	89.5	20	1115.5	1791.5	117444		
5	2	75.7	20	1487.3		262388		
6	3	94.1	20	1532.9	1755.9	406317		
7	3	97.5	20	1279.5	1254.5	551147		
8	1	60.6	20			100196		
9	1	52.6	20			245254		
10	2	73.6	20	1694.4		389634		
11	2	79	20	1506		534109		
12	2	79.5	20	1179.5		82128		
13	3	93	20	1806	910	226583		
14	1	54.4	20			372511		
15	2	78.7	20	1090.3		516930		
16	2	71.8	20	1853.2		64305		
17	2	69.8	20	1825.2		208934		
18	1	62.8	20			354786		
19	1	58.9	20			499979		
20	2	76.6	20	1071.4		46527		



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14.6.3 Trial 3:

Data Sheet for	Data Sheet for FCC Radar Type 5								
Trial Number:		3 VSG Frequency(MHz)			reqency(MHz):	5500			
Number of Bu	rsts in Trial:		15	Succes	sful Detection:	Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval			
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)			
1	2	82	14	996		255363			
2	2	72.4	14	978.6		448913			
3	3	97.1	14	1004.9	1733.9	640492			
4	3	92.3	14	1043.7	1133.7	38210			
5	1	61.9	14			231851			
6	2	74.6	14	1882.4		424858			
7	3	99.8	14	901.2	1850.2	617072			
8	2	68.7	14	1259.3		14451			
9	2	72.3	14	1175.7		207679			
10	1	50	14			401990			
11	1	52.5	14			595264			
12	3	92.1	14	1106.9	1365.9	786509			
13	3	89.1	14	1112.9	1343.9	183613			
14	3	84.6	14	1903.4	1813.4	376288			
15	3	92.5	14	1801.5	1418.5	569026			

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14.6.4 Trial 4:

Data Sheet for	Data Sheet for FCC Radar Type 5								
Trial Number:		4	5500						
Number of Bu	ırsts in Trial:		10	Succes	sful Detection:	Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval			
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(µ sec)	(µ sec)			
1	2	69.5	7	1226.5		1147759			
2	2	74.5	7	1315.5		240510			
3	3	91.4	7	1065.6	1036.6	530657			
4	1	53.4	7			822390			
5	2	68.6	7	1431.4		1111445			
6	2	82	7	1587		204752			
7	3	88.7	7	1407.3	1858.3	494357			
8	2	77.8	7	1362.2		785343			
9	3	84.7	7	1276.3	1325.3	1074067			
10	2	72.2	7	1578.8		168955			



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14.6.5 Trial 5:

Data Sheet fo	r FCC Radar	Type 5					
Trial Number:		5		VSG F	VSG Freqency(MHz): 5500		
Number of Bu	ırsts in Trial:		8	Succes	Successful Detection: Yes e 1-to-2 acing Pulse 2-to-3 Spacing Starting Location Within Interv. μ sec) (μ sec) (μ sec) 575087 937605		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing			
` '	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	1	62.5	5			575087	
2	2	81.6	5	1248.4		937605	
3	3	87.2	5	979.8	1247.8	1299554	
4	1	65	5			166796	
5	2	74.4	5	1220.6		529598	
6	2	69	5	933		893098	
7	1	50.3	5			1257290	
8	2	76.3	5	1910.7		121790	



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14.6.6 **Trial 6**

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		6		VSG F	reqency(MHz):	5500
Number of Bu	ırsts in Trial:		18	Succes	sful Detection:	Yes
Burst Pulses per (8-20) Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(μ sec)
1	2	73.7	18	1880.3		214981
2	1	59.8	18			377052
3	1	61.8	18			537765
4	2	82.3	18	1718.7		34173
5	3	86.5	18	1707.5	1158.5	194736
6	2	77.6	18	1639.4		355795
7	1	51.1	18			518255
8	3	94.3	18	1305.7	1605.7	14330
9	2	78.7	18	1893.3		175140
10	3	88.3	18	993.7	1307.7	335810
11	1	52.6	18			498699
12	2	71.1	18	970.9		659076
13	3	86.9	18	1058.1	1487.1	155148
14	3	90.4	18	1691.6	1150.6	315623
15	1	58.3	18			478148
16	1	62	18			640211
17	1	59.2	18			135943
18	3	97.3	18	1510.7	1506.7	295706



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14.6.7 Trial 7:

Data Sheet for FCC Radar Type 5								
Trial Number:		7		VSG F	VSG Freqency(MHz):			
Number of Bu	ırsts in Trial:		14	Succes	sful Detection:	Yes		
Burst Pulses per (8-20) Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval			
,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	2	78.4	12	996.6		589542		
2	1	59.3	12			797377		
3	3	90.3	12	1730.7	1806.7	148730		
4	3	94.6	12	1905.4	1801.4	355325		
5	3	93.4	12	1029.6	1748.6	562628		
6	3	94.7	12	1814.3	1042.3	768740		
7	1	62.4	12			123772		
8	2	70.1	12	936.9		330846		
9	3	99.4	12	1294.6	1492.6	536865		
10	3	93	12	925	1173	744267		
11	1	62.5	12			98284		
12	1	53.7	12			305689		
13	3	98	12	1125	1372	511817		
14	2	81	12	1325		719356		



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14.6.8 Trial 8:

Data Sheet fo	r FCC Radar	Type 5				
Trial Number	:	8		VSG F	5500	
Number of B	ursts in Trial:		18	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
. ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(µ sec)	(µ sec)
1	1	52.1	18			56539
2	1	65.7	18			217795
3	1	65.4	18			379417
4	2	74.8	18	1068.2		539448
5	2	80.6	18	1045.4		36564
6	3	87.2	18	1818.8	1902.8	196761
7	3	88.1	18	947.9	1055.9	358003
8	1	63.7	18			520773
9	1	52.3	18			16747
10	2	74.3	18	1772.7		177486
11	1	53.2	18			339491
12	1	50.3	18			500618
13	2	75.2	18	1194.8		660372
14	1	63.6	18			158203
15	3	85.3	18	1323.7	1694.7	318157
16	2	72.2	18	1414.8		479669
17	2	73.3	18	1659.7		640580
18	2	75.2	18	1756.8		137958



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14.6.9 Trial 9:

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		9		VSG F	5500	
Number of Bu	rsts in Trial:		19	Succes	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(µ sec)	(µ sec)
1	1	55.8	18			283718
2	2	77.1	18	1484.9		435844
3	3	90.7	18	1189.3	1363.3	587055
4	3	91.1	18	1834.9	1220.9	111559
5	3	86.1	18	1310.9	1728.9	263556
6	2	79.1	18	1362.9		416904
7	1	66.5	18			570875
8	2	67.2	18	1505.8		93220
9	2	69.9	18	1139.1		245698
10	1	66.3	18			398934
11	2	78.3	18	1593.7		550179
12	1	58.1	18			74628
13	2	81.8	18	997.2		226945
14	2	75	18	1801		378932
15	3	90.4	18	1729.6	1882.6	529401
16	2	71.6	18	1046.4		55618
17	2	68.9	18	1755.1		208121
18	2	71.1	18	1563.9		360555
19	2	74.9	18	1573.1		512790



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14.6.10 Trial 10:

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		10		VSG Freqency(MHz): 5500		
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)
1	3	83.6	19	1156.4	1402.4	36786
2	2	81.4	19	1841.6		189030
3	2	72	19	1873		341446
4	1	59.2	19			495618
5	1	64.6	19			18101
6	1	57	19			171006
7	1	65.9	19			323898
8	3	91.4	19	1631.6	1195.6	473938
9	3	93	19	1748	1907	625166
10	2	69.4	19	1385.6		151741
11	3	98.8	19	942.2	1284.2	303795
12	3	84.8	19	1560.2	919.2	455788
13	2	77.1	19	1388.9		609337
14	2	69.7	19	1794.3		132925
15	3	87.3	19	1608.7	958.7	284743
16	3	97.9	19	1732.1	1713.1	436026
17	2	70.9	19	999.1		590910
18	3	90.4	19	1359.6	1277.6	113848
19	1	61.1	19			267239



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14.6.11 Trial 11:

Data Sheet for FCC Radar Type 5								
Trial Number	:	11		VSG F	reqency(MHz):	5497.3315		
Number of B	ursts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	2	79.7	17	1729.3		442542		
2	3	86.4	17	1700.6	1365.6	601648		
3	1	58.2	17			101016		
4	1	63.4	17			262168		
5	2	67.3	17	1698.7		422482		
6	2	71.7	17	1419.3		583697		
7	3	85.5	17	1670.5	1713.5	80640		
8	3	94.3	17	1340.7	1643.7	241209		
9	3	92.6	17	1013.4	981.4	402276		
10	2	78.2	17	1072.8		564450		
11	1	60	17			61163		
12	1	53.5	17			222579		
13	3	94.7	17	1082.3	1122.3	382273		
14	1	64.1	17			545278		
15	3	97.3	17	1666.7	1199.7	41143		
16	3	89.7	17	962.3	1879.3	201825		
17	3	93.9	17	914.1	1680.1	362387		
18	3	83.8	17	1048.2	1471.2	523042		



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14.6.12 Trial 12:

Data Sheet fo	r FCC Radar	Type 5					
Trial Number:		12		VSG Freqency(MHz): 5494.1315			
Number of Bu	rsts in Trial:		11	Succes	sful Detection:		
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	2	67.9	9	1563.1		35107	
2	2	76	9	1354		298999	
3	3	84	9	1220	1140	562150	
4	2	70.2	9	1571.8		826375	
5	3	87.8	9	1508.2	1219.2	2601	
6	2	73.5	9	1667.5		266475	
7	3	97.8	9	1531.2	949.2	529885	
8	2	71.1	9	1828.9		793963	
9	2	81.6	9	1003.4		1058374	
10	1	51.1	9			234332	
11	3	88.4	9	1660.6	1057.6	496982	



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14.6.13 Trial 13:

Data Sheet for FCC Radar Type 5								
Trial Number:		13		VSG Freqency(MHz): 5496.9315				
Number of Bu	rsts in Trial:		17	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(µ sec)	(μ sec)		
1	3	94.6	16	1650.4	1591.4	491001		
2	2	77.1	16	988.9		663413		
3	2	69.4	16	1906.6		130069		
4	2	81.3	16	1226.7		300595		
5	1	57.8	16			471951		
6	3	91.5	16	1711.5	1727.5	639596		
7	3	88.6	16	1661.4	1871.4	108749		
8	2	75.3	16	1186.7		279709		
9	2	67.9	16	1837.1		449801		
10	1	54.7	16			621531		
11	3	87.5	16	1372.5	1910.5	87916		
12	2	79.2	16	1264.8		258567		
13	1	62.7	16			430122		
14	2	73.4	16	1761.6		599120		
15	1	63.1	16			67270		
16	2	83	16	1025		237828		
17	1	65.9	16			409146		



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14.6.14 Trial 14:

Data Sheet for FCC Radar Type 5								
Trial Number:		14		VSG F	reqency(MHz):	5492.5315		
Number of Bu	ırsts in Trial:		8	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
` '	(1-3)	(μ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(µ sec)		
1	1	54.1	5			1233114		
2	2	70.6	5	1309.4		98338		
3	2	79.9	5	1080.1		461347		
4	2	80	5	1429		824495		
5	3	93.5	5	963.5	1379.5	1186762		
6	1	64.1	5			53640		
7	1	53	5			416956		
8	1	64.4	5			780619		



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14.6.15 Trial 15:

Data Sheet for FCC Radar Type 5								
Trial Number		15		VSG F	reqency(MHz):	5497.7315		
Number of Bu	ursts in Trial:		18	Successful Detection:		Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	2	77.1	18	1138.9		506685		
2	1	59.4	18			3942		
3	3	98.7	18	1818.3	1485.3	164350		
4	3	84.8	18	1135.2	1238.2	325193		
5	1	65.7	18			488063		
6	3	96.2	18	1674.8	931.8	646717		
7	3	90.2	18	1490.8	1608.8	144757		
8	3	84.4	18	1049.6	1651.6	305614		
9	1	55.8	18			467777		
10	3	98	18	1343	1404	626618		
11	1	51	18			125478		
12	3	90.6	18	1469.4	1260.4	285477		
13	2	72.2	18	1697.8		446760		
14	3	86.9	18	1312.1	1165.1	607152		
15	2	72.7	18	1261.3		105371		
16	1	58.6	18			266913		
17	1	64.4	18			428276		
18	2	75.9	18	1576.1		588295		



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14.6.16 Trial 16:

Data Sheet for FCC Radar Type 5							
Trial Number:		16		VSG F	reqency(MHz):	5496.5315	
Number of Bu	rsts in Trial:		16	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(µ sec)	(<i>μ</i> sec)	
1	2	79	15	1325		96385	
2	2	80.4	15	1275.6		277596	
3	3	96.9	15	1786.1	1494.1	457288	
4	2	71.2	15	1164.8		640364	
5	3	96.9	15	1508.1	1758.1	73875	
6	2	74.6	15	1541.4		255229	
7	3	90.6	15	1248.4	1491.4	435347	
8	2	81.9	15	966.1		617759	
9	2	67	15	1257		51734	
10	1	61	15			233198	
11	2	71.3	15	1118.7		414119	
12	1	58.3	15			596385	
13	1	51	15			29446	
14	1	63	15			210902	
15	1	66.4	15			392295	
16	2	66.9	15	1119.1		573244	



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14.6.17 Trial 17:

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		17		VSG Freqency(MHz): 5496.1315		
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(µ sec)
1	2	80.7	14	1502.3		7549
2	2	82.1	14	1416.9		200848
3	3	90	14	1519	1841	393083
4	3	90.6	14	1198.4	933.4	586893
5	1	52.2	14			781968
6	1	58.6	14			177375
7	3	97.4	14	988.6	1347.6	370019
8	3	94.8	14	1757.2	1625.2	562015
9	1	56.8	14			758515
10	2	75.4	14	1104.6		153362
11	1	62	14			347244
12	3	92.4	14	1276.6	1421.6	538959
13	3	93.7	14	1520.3	1173.3	731970
14	2	67.2	14	1295.8		129404
15	3	98	14	1376	1589	322224



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14.6.18 Trial 18:

Data Sheet fo	r FCC Radar	Type 5					
Trial Number:		18		VSG Freqency(MHz): 5496.13			
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
` ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	2	71.2	14	1320.8		516098	
2	1	65.6	14			711056	
3	2	67.6	14	1560.4		105644	
4	3	85.1	14	1106.9	1546.9	298267	
5	2	72.6	14	999.4		492329	
6	2	67.5	14	1557.5		685805	
7	1	55.8	14			81982	
8	1	62.6	14			275769	
9	2	74	14	1525		468393	
10	3	94.2	14	1808.8	1348.8	660115	
11	3	83.8	14	1341.2	1033.2	57882	
12	2	79.1	14	1354.9		251330	
13	2	79.1	14	1824.9		444195	
14	1	63.1	14			639213	
15	3	97.6	14	1097.4	1222.4	34150	



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14.6.19 Trial 19:

Data Sheet for FCC Radar Type 5								
Trial Number	:	19		VSG Freqency(MHz): 5497.3315				
Number of B	ursts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
. ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	$(\mu \text{ sec})$		
1	3	97	17	1152	1159	189075		
2	3	88	17	1778	1067	349689		
3	2	74.2	17	1247.8		511852		
4	1	55.3	17			8644		
5	1	56.2	17			170059		
6	3	90.7	17	1463.3	1746.3	329731		
7	2	68.7	17	1129.3		492024		
8	2	73.8	17	1410.2		652286		
9	2	73.6	17	1033.4		149766		
10	2	70.4	17	1726.6		310583		
11	2	83.1	17	1266.9		471723		
12	1	52	17			633842		
13	1	64.4	17			130266		
14	2	71.4	17	1012.6		290875		
15	1	62.5	17			452978		
16	3	98.2	17	1084.8	1661.8	611442		
17	3	88.3	17	976.7	1216.7	110015		
18	3	99.9	17	1356.1	1347.1	270620		



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14.6.20 Trial 20:

Data Sheet for FCC Radar Type 5							
Trial Number:		20		VSG Freqency(MHz): 5495.7315			
Number of Bu	ırsts in Trial:		14	Succes	sful Detection:	Yes	
Burst Pulses per (8-20) Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	1	63.1	13			556985	
2	1	50	13			764240	
3	3	92.8	13	1560.2	1596.2	115892	
4	3	83.5	13	1886.5	1074.5	322714	
5	2	78	13	947		530982	
6	3	93.9	13	1542.1	1436.1	736408	
7	3	99.4	13	1840.6	1047.6	90516	
8	2	74.8	13	969.2		298059	
9	2	69.4	13	1059.6		505059	
10	1	65.9	13			713052	
11	3	96.4	13	1146.6	967.6	65087	
12	2	68.5	13	1303.5		272279	
13	2	79.5	13	1438.5		479185	
14	2	68.2	13	1298.8		686483	



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14.6.21 Trial 21:

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		21		VSG Freqency(MHz): 5501.8685		
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)
1	2	81.7	19	1675.3		29156
2	1	59.3	19			181974
3	2	78.5	19	1714.5		333680
4	2	74	19	1328		486495
5	2	68.2	19	1802.8		10387
6	3	88.3	19	1217.7	1476.7	162498
7	1	60.9	19			316285
8	1	57.3	19			469192
9	1	52.4	19			621762
10	3	91.8	19	1234.2	1875.2	143544
11	3	94	19	1739	1264	295655
12	1	64.6	19			450235
13	3	89.5	19	915.5	1615.5	599789
14	1	65.5	19			125570
15	3	91.5	19	1415.5	1795.5	276848
16	3	91.2	19	1761.8	1029.8	429069
17	1	61.4	19			583904
18	3	96	19	1452	977	106315
19	3	95.6	19	924.4	1619.4	258271



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14.6.22 Trial 22:

Data Sheet for FCC Radar Type 5							
Trial Number:		22 VSG Freqency(MHz):			5501.4685		
Number of Bu	rsts in Trial:		20	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(μ sec)	
1	2	79.3	20	1506.7		390953	
2	1	66	20			536503	
3	1	63	20			83566	
4	1	54.7	20			228585	
5	1	63.4	20			373567	
6	1	60	20			518984	
7	2	80.4	20	1723.6		65463	
8	1	55.9	20			210880	
9	2	81.5	20	1479.5		354867	
10	2	71.2	20	1102.8		500292	
11	1	52.8	20			47770	
12	2	77.4	20	1201.6		192655	
13	1	55.1	20			338057	
14	3	91	20	1219	963	481622	
15	1	64.9	20			29905	
16	2	70.3	20	1596.7		174553	
17	1	55	20			320252	
18	3	93	20	1714	1252	463224	
19	3	88.6	20	1268.4	932.4	11959	
20	2	80	20	1828		156759	



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14.6.23 Trial 23:

Data Sheet fo	r FCC Radar	Type 5					
Trial Number	:	23		VSG Freqency(MHz): 5506.2685			
Number of B	ursts in Trial:		10	Succes	sful Detection:	Yes	
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
` ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	3	100	8	1584	1759	603694	
2	3	88.9	8	1327.1	1222.1	893887	
3	1	55.8	8			1187066	
4	3	97.6	8	1377.4	1549.4	278150	
5	1	50.9	8			569781	
6	3	89.5	8	1286.5	1435.5	857986	
7	1	63.4	8			1150528	
8	1	54.3	8			243087	
9	3	83.8	8	1759.2	1406.2	532117	
10	2	83.3	8	1264.7		823833	



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14.6.24 Trial 24:

Data Sheet fo	or FCC Radar	Type 5				
Trial Number	:	24		VSG F	reqency(MHz):	5507.4685
Number of B	ursts in Trial:		8	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
` '	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)
1	2	78.2	5	1735.8		1392615
2	1	54.4	5			259219
3	1	50.3	5			622650
4	2	73	5	1533		985144
5	1	50.2	5			1349865
6	1	52.1	5			214435
7	2	68.7	5	1662.3		577209
8	1	54.6	5			941146



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14.6.25 Trial 25:

Data Sheet for FCC Radar Type 5							
Trial Number:		25		VSG Freqency(MHz): 5504.6685			
Number of Bursts in Trial:			14	Succes	sful Detection:	Yes	
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	1	65	12			745379	
2	1	64	12			96929	
3	3	87.9	12	1892.1	918.1	303517	
4	2	82.3	12	1446.7		511254	
5	2	79.5	12	1832.5		717718	
6	3	86.1	12	1726.9	1423.9	71068	
7	3	99.7	12	1815.3	1019.3	277992	
8	1	64.3	12			486396	
9	3	88.9	12	1535.1	1893.1	690663	
10	2	73.7	12	1102.3		45684	
11	2	74.6	12	1104.4		252915	
12	3	95.3	12	999.7	1241.7	459755	
13	3	86.5	12	948.5	1040.5	666815	
14	3	98.2	12	1389.8	1071.8	20152	



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14.6.26 Trial 26:

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		26		VSG Freqency(MHz): 5503.868		
Number of Bu	ırsts in Trial:		15	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(μ sec)
1	2	72.9	14	1537.1		212084
2	1	66	14			406059
3	3	95.6	14	1417.4	1601.4	597776
4	3	90.4	14	1894.6	1211.6	790092
5	1	60.2	14			188634
6	1	65.4	14			382345
7	1	53.8	14			576213
8	2	73.9	14	1594.1		767962
9	3	96.6	14	1859.4	1748.4	163965
10	2	76	14	1584		357548
11	2	72.1	14	1514.9		551111
12	3	98.2	14	1626.8	1771.8	742110
13	3	93.1	14	1198.9	1668.9	140436
14	3	98.4	14	1854.6	1072.6	333362
15	2	77	14	1472		526994



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14.6.27 Trial 27:

Data Sheet for FCC Radar Type 5							
Trial Number:		27		VSG Freqency(MHz): 5503.8685			
Number of Bu	ırsts in Trial:		15	Succes	sful Detection:	Yes	
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	2	82.2	14	1353.8		720438	
2	3	90.7	14	1185.3	1700.3	116626	
3	1	62.7	14			310855	
4	1	51.6	14			504591	
5	1	50.4	14			698421	
6	2	78	14	1195		93119	
7	2	74.5	14	1618.5		286339	
8	3	92.2	14	1149.8	1137.8	478982	
9	2	67.6	14	1499.4		672540	
10	1	59.3	14			69430	
11	2	69.7	14	1452.3		262555	
12	3	98	14	1102	1231	455517	
13	3	86.6	14	1804.4	1381.4	647811	
14	1	50.6	14			45557	
15	3	89.7	14	1787.3	1504.3	238008	



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14.6.28 Trial 28:

Data Sheet for FCC Radar Type 5							
Trial Number:		28 VSG Freqency(MHz):				5502.2685	
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(μ sec)	
1	2	79.7	18	1697.3		340340	
2	3	88.6	18	1769.4	1690.4	491404	
3	3	96.8	18	1691.2	1516.2	17024	
4	2	80	18	1145		169458	
5	2	81.6	18	1780.4		321904	
6	3	84.4	18	1451.6	1816.6	472877	
7	2	77.4	18	1613.6		626201	
8	1	59.8	18			151072	
9	3	91.9	18	1142.1	1102.1	302563	
10	1	53.2	18			456785	
11	1	50.8	18			609842	
12	3	91.1	18	1734.9	964.9	131722	
13	2	67.4	18	1458.6		284271	
14	1	61.8	18			437573	
15	1	60.1	18			591173	
16	2	81.4	18	1385.6		113168	
17	3	93.1	18	1220.9	1329.9	265250	
18	1	51.2	18			419059	
19	3	87.4	18	1118.6	1853.6	569225	



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14.6.29 Trial 29:

Data Sheet for FCC Radar Type 5								
Trial Number:		29		VSG F	reqency(MHz):	5507.0685		
Number of Bu	ırsts in Trial:		9	Succes	sful Detection:	Yes		
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(μ sec)		
1	1	56.7	6			200001		
2	2	83	6	1308		522489		
3	1	61.9	6			846350		
4	3	93.7	6	1671.3	1482.3	1166393		
5	3	86.1	6	1005.9	1351.9	159876		
6	2	70.2	6	1318.8		482748		
7	3	98.5	6	1105.5	1490.5	804613		
8	2	73.9	6	1138.1		1128175		
9	2	77.9	6	1159.1		120301		



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14.6.30 Trial 30:

Data Sheet for	Data Sheet for FCC Radar Type 5							
Trial Number:		30			VSG Freqency(MHz): 5503.8685			
Number of Bu	rsts in Trial:		15	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
` '	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(µ sec)		
1	2	81.1	14	1357.9		265423		
2	3	90.6	14	1867.4	1437.4	457686		
3	2	67.5	14	1595.5		651592		
4	2	67.2	14	1586.8		48253		
5	2	73.3	14	1268.7		241501		
6	1	56.9	14			435893		
7	3	96.4	14	1579.6	1480.6	626508		
8	3	83.6	14	1137.4	1840.4	24398		
9	1	51.3	14			218181		
10	1	63	14			411686		
11	2	66.8	14	1677.2		604335		
12	3	92.7	14	1608.3	1118.3	647		
13	1	54.7	14			194192		
14	2	80.9	14	1304.1		387413		
15	2	70.8	14	1289.2		580481		



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14.7 Radar Type 6 for 5500 MHz:

Trial	Pulse Width (μ sec)	PRI (μ sec)	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection (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	No
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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14.8 5510MHz:

Short Pulse Radar Type	Minimum Number of Trials	Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
1	30	96	5.67	60	Pass
2	30	1	00	60	Pass
3	30	1	00	60	Pass
4	30	96	5.67	60	Pass
Aggregate (Radar Types 1-4)	120	98.335		80	Pass
Long Pulse Radar Type	Minimum Number of Trials	Each Total Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
5	Center:10 Low Edge:10	100 100	100	80	Pass
	High Edge:10	100			
Frequency Hopping Radar Type	Minimum Number of Trials	Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
6	30	1	00	70	Pass



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Radar Type 1 for 5510 MHz: 14.9

Trial	VSG Freqency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
	(12)	Number (1 to 23)	(Pulses Per Second)	(msec)	A/B	(Yes/No)
1	5510	1	1930.5	518	Α	Yes
2	5510	5	1672.2	598	Α	Yes
3	5510	3	1792.1	558	Α	Yes
4	5510	14	1285.3	778	Α	Yes
5	5510	21	1089.3	918	Α	Yes
6	5510	18	1165.5	858	Α	Yes
7	5510	12	1355	738	Α	Yes
8	5510	11	1392.8	718	Α	Yes
9	5510	23	326.2	3066	Α	Yes
10	5510	4	1730.1	578	Α	Yes
11	5510	20	1113.6	898	Α	Yes
12	5510	9	1474.9	678	Α	Yes
13	5510	2	1858.7	538	Α	Yes
14	5510	16	1222.5	818	Α	Yes
15	5510	15	1253.1	798	Α	Yes
16	5510	-	563.7	1774	В	Yes
17	5510	-	341.4	2929	В	Yes
18	5510	-	439	2278	В	Yes
19	5510	-	1745.2	573	В	Yes
20	5510	-	587.2	1703	В	Yes
21	5510	-	380.4	2629	В	Yes
22	5510	-	663.1	1508	В	Yes
23	5510	-	340.5	2937	В	Yes
24	5510	-	361.3	2768	В	Yes
25	5510	-	537.6	1860	В	Yes
26	5510	-	1426.5	701	В	Yes
27	5510	-	499.8	2001	В	Yes
28	5510	-	691.1	1447	В	Yes
29	5510	-	465.8	2147	В	Yes
30	5510	-	338.6	2953	В	No

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14.10 Radar Type 2 for 5510 MHz:

Trial	VSG Freqency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			(μs)	(μs)	(Yes/No)
1	5510	27	3.4	196	Yes
2	5510	29	5	226	Yes
3	5510	27	3.4	215	Yes
4	5510	24	1.6	179	Yes
5	5510	23	1	164	Yes
6	5510	28	4.4	228	Yes
7	5510	26	3	203	Yes
8	5510	28	4.4	159	Yes
9	5510	29	4.5	151	Yes
10	5510	29	4.7	218	Yes
11	5510	28	4.1	198	Yes
12	5510	24	2	229	Yes
13	5510	27	3.8	197	Yes
14	5510	23	1	194	Yes
15	5510	28	4.4	170	Yes
16	5510	27	3.8	213	Yes
17	5510	27	3.4	150	Yes
18	5510	27	3.3	186	Yes
19	5510	28	4.2	214	Yes
20	5510	26	3.1	168	Yes
21	5510	29	4.6	202	Yes
22	5510	29	4.8	181	Yes
23	5510	24	1.8	174	Yes
24	5510	23	1.2	191	Yes
25	5510	26	2.9	223	Yes
26	5510	27	3.3	176	Yes
27	5510	27	3.4	180	Yes
28	5510	29	4.5	162	Yes
29	5510	23	1.3	220	Yes
30	5510	27	3.3	172	Yes
	•				

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14.11 Radar Type 3 for 5510 MHz:

Trial VSG Freqency (MHz) Number Burst (16-18) Pulse sper Burst (16-10) Pulse Width (6-10) PRI (200-500) Successful Detection 1 5510 17 8.4 231 Yes 2 5510 18 10 364 Yes 3 5510 16 6.6 224 Yes 4 5510 16 6.8 224 Yes 5 5510 16 6 284 Yes 6 5510 18 9.4 468 Yes 7 5510 18 9.4 400 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.5 418 Yes 11 5510 18 9.7 306 Yes 12 5510 18 9.7 306 Yes 13 5510 1						
1 5510 17 8.4 231 Yes 2 5510 18 10 364 Yes 3 5510 17 8.4 207 Yes 4 5510 16 6.6 224 Yes 5 5510 16 6 284 Yes 6 5510 18 9.4 468 Yes 7 5510 18 9.4 400 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.7 306 Yes 11 5510 18 9.7 306 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5	Trial		Pulses per Burst	(6-10)	(200-500)	Detection
2 5510 18 10 364 Yes 3 5510 17 8.4 207 Yes 4 5510 16 6.6 224 Yes 5 5510 16 6 284 Yes 6 5510 18 9.4 468 Yes 7 5510 18 9.4 400 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.7 306 Yes 11 5510 18 9.7 306 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 55						(Yes/No)
3 5510 17 8.4 207 Yes 4 5510 16 6.6 224 Yes 5 5510 16 6 284 Yes 6 5510 18 9.4 468 Yes 7 5510 17 8 500 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.7 306 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 55						
4 5510 16 6.6 224 Yes 5 5510 16 6 284 Yes 6 5510 18 9.4 468 Yes 7 5510 17 8 500 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.7 306 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5		5510	18	10	364	Yes
5 5510 16 6 284 Yes 6 5510 18 9.4 468 Yes 7 5510 17 8 500 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.7 306 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 8.8 476 Yes 16 5510 18 8.8 411 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.3 477 Yes 19	3	5510	17	8.4	207	Yes
6 5510 18 9.4 468 Yes 7 5510 17 8 500 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.1 326 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 8.8 476 Yes 16 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 20 <	4	5510	16	6.6	224	Yes
7 5510 17 8 500 Yes 8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.1 326 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 18 8.8 411 Yes 17 5510 18 8.8 411 Yes 18 5510 17 8.4 314 Yes 19 5510 17 8.3 477 Yes 20	5	5510	16	6	284	Yes
8 5510 18 9.4 400 Yes 9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.1 326 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 18 8.8 411 Yes 18 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21	6	5510	18	9.4	468	Yes
9 5510 18 9.5 418 Yes 10 5510 18 9.7 306 Yes 11 5510 18 9.1 326 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 18 8.4 314 Yes 18 5510 17 8.4 314 Yes 19 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22	7	5510	17	8	500	Yes
10 5510 18 9.7 306 Yes 11 5510 18 9.1 326 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24	8	5510	18	9.4	400	Yes
11 5510 18 9.1 326 Yes 12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.4 314 Yes 19 5510 17 8.3 477 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 1	9	5510	18	9.5	418	Yes
12 5510 16 7 456 Yes 13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26	10	5510	18	9.7	306	Yes
13 5510 18 8.8 476 Yes 14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.4 295 Yes 26	11	5510	18	9.1	326	Yes
14 5510 16 6 324 Yes 15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28	12	5510	16	7	456	Yes
15 5510 18 9.4 389 Yes 16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29	13	5510	18	8.8	476	Yes
16 5510 18 8.8 411 Yes 17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	14	5510	16	6	324	Yes
17 5510 17 8.4 314 Yes 18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	15	5510	18	9.4	389	Yes
18 5510 17 8.3 477 Yes 19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	16	5510	18	8.8	411	Yes
19 5510 18 9.2 463 Yes 20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	17	5510	17	8.4	314	Yes
20 5510 17 8.1 480 Yes 21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	18	5510	17	8.3	477	Yes
21 5510 18 9.6 388 Yes 22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	19	5510	18	9.2	463	Yes
22 5510 18 9.8 296 Yes 23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	20	5510	17	8.1	480	Yes
23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes	21	5510	18	9.6	388	Yes
23 5510 16 6.8 374 Yes 24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes						
24 5510 16 6.2 404 Yes 25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes						
25 5510 17 7.9 467 Yes 26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes						
26 5510 17 8.3 424 Yes 27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes						
27 5510 17 8.4 295 Yes 28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes						
28 5510 18 9.5 257 Yes 29 5510 16 6.3 361 Yes						
29 5510 16 6.3 361 Yes						
30 5510 17 8.3 449 Yes	30		17			

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14.12 Radar Type 4 for 5510 MHz:

Trial	VSG Freqency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			(μs)	(μs)	(Yes/No)
1	5510	13	14.4	224	Yes
2	5510	15	17.9	280	Yes
3	5510	16	19.3	402	Yes
4	5510	13	14.1	359	No
5	5510	16	19.9	292	Yes
6	5510	15	18.1	203	Yes
7	5510	16	18.4	287	Yes
8	5510	16	18.8	344	Yes
9	5510	12	12.4	439	Yes
10	5510	12	12.8	222	Yes
11	5510	16	19.6	446	Yes
12	5510	13	12.8	278	Yes
13	5510	16	18.9	494	Yes
14	5510	14	16.2	338	Yes
15	5510	13	14.4	228	Yes
16	5510	14	14.7	267	Yes
17	5510	15	18.2	235	Yes
18	5510	13	13.1	299	Yes
19	5510	14	15.5	247	Yes
20	5510	16	19.1	416	Yes
21	5510	13	13.7	237	Yes
22	5510	15	17.1	308	Yes
23	5510	14	16.2	496	Yes
24	5510	12	11.6	274	Yes
25	5510	13	14.6	311	Yes
26	5510	15	16.5	472	Yes
27	5510	14	16.4	453	Yes
28	5510	16	18.5	298	Yes
29	5510	12	12.3	217	Yes
30	5510	12	11.2	488	Yes
	•			•	•

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14.13 Radar Type 5 for 5510 MHz:

14.13.1 Trial 1:

Data Shoot fo	r FCC Radar	Typo 5				
Trial Number:		1 ype 5 1		Vec E	5510	
		1			reqency(MHz):	3310
Number of Bursts in Trial:			15	Succes	sful 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 Loca- tion Within Interval
	(- 7	(µ sec)	(MHz)	$(\mu \mathrm{sec})$	$(\mu \mathrm{sec})$	$(\mu \sec)$
1	2	79.5	14	1743.5		662720
2	3	99.4	14	1577.6	1802.6	59114
3	2	80.5	14	1711.5		252532
4	1	58.3	14			446839
5	1	51.1	14			640616
6	3	92.1	14	1145.9	1353.9	35365
7	2	74.6	14	1589.4		228634
8	3	91.7	14	1369.3	1105.3	421292
9	3	93.8	14	1287.2	1197.2	614320
10	3	96.2	14	1003.8	1125.8	11608
11	3	88.8	14	1383.2	922.2	204585
12	1	63.2	14			399173
13	3	85.3	14	1141.7	1167.7	590969
14	1	50.2	14			786552
15	3	91.9	14	1292.1	985.1	180894

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14.13.2 Trial 2:

Data Sheet for FCC Radar Type 5								
Trial Number:		2		VSG F	reqency(MHz):	5510		
Number of Bu	rsts in Trial:		20	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µ sec)	(µ sec)		
1	3	84.3	20	1471.7	1453.7	279491		
2	2	79.4	20	1010.6		425883		
3	2	78.7	20	1699.3		570091		
4	3	89.5	20	1115.5	1791.5	117444		
5	2	75.7	20	1487.3		262388		
6	3	94.1	20	1532.9	1755.9	406317		
7	3	97.5	20	1279.5	1254.5	551147		
8	1	60.6	20			100196		
9	1	52.6	20			245254		
10	2	73.6	20	1694.4		389634		
11	2	79	20	1506		534109		
12	2	79.5	20	1179.5		82128		
13	3	93	20	1806	910	226583		
14	1	54.4	20			372511		
15	2	78.7	20	1090.3		516930		
16	2	71.8	20	1853.2		64305		
17	2	69.8	20	1825.2		208934		
18	1	62.8	20			354786		
19	1	58.9	20			499979		
20	2	76.6	20	1071.4		46527		



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14.13.3 Trial 3

Data Sheet for FCC Radar Type 5								
Trial Number		3		VSG Freqency(MHz):		5510		
Number of Bu	ursts in Trial:		15	Successful Detection:		Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
` '	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	2	82	14	996		255363		
2	2	72.4	14	978.6		448913		
3	3	97.1	14	1004.9	1733.9	640492		
4	3	92.3	14	1043.7	1133.7	38210		
5	1	61.9	14			231851		
6	2	74.6	14	1882.4		424858		
7	3	99.8	14	901.2	1850.2	617072		
8	2	68.7	14	1259.3		14451		
9	2	72.3	14	1175.7		207679		
10	1	50	14			401990		
11	1	52.5	14			595264		
12	3	92.1	14	1106.9	1365.9	786509		
13	3	89.1	14	1112.9	1343.9	183613		
14	3	84.6	14	1903.4	1813.4	376288		
15	3	92.5	14	1801.5	1418.5	569026		



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14.13.4 Trial 4

Data Sheet fo	r FCC Radar	Type 5					
Trial Number	:	4		VSG F	VSG Freqency(MHz): 5510		
Number of Bursts in Trial:			10	Succes	sful Detection:	Yes	
Number Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	2	69.5	7	1226.5		1147759	
2	2	74.5	7	1315.5		240510	
3	3	91.4	7	1065.6	1036.6	530657	
4	1	53.4	7			822390	
5	2	68.6	7	1431.4		1111445	
6	2	82	7	1587		204752	
7	3	88.7	7	1407.3	1858.3	494357	
8	2	77.8	7	1362.2		785343	
9	3	84.7	7	1276.3	1325.3	1074067	
10	2	72.2	7	1578.8		168955	



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14.13.5 Trial 5

Data Sheet for FCC Radar Type 5									
Trial Number	:	5		VSG F	reqency(MHz):	5510			
Number of B	ursts in Trial:		8	Successful Detection: Ye		Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval			
` ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)			
1	1	62.5	5			575087			
2	2	81.6	5	1248.4		937605			
3	3	87.2	5	979.8	1247.8	1299554			
4	1	65	5			166796			
5	2	74.4	5	1220.6		529598			
6	2	69	5	933		893098			
7	1	50.3	5			1257290			
8	2	76.3	5	1910.7		121790			



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14.13.6 Trial 6

Data Sheet fo	Data Sheet for FCC Radar Type 5							
Trial Number	•	6	6 VSG Fre		reqency(MHz):	5510		
Number of Bu	ursts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	2	73.7	18	1880.3		214981		
2	1	59.8	18			377052		
3	1	61.8	18			537765		
4	2	82.3	18	1718.7		34173		
5	3	86.5	18	1707.5	1158.5	194736		
6	2	77.6	18	1639.4		355795		
7	1	51.1	18			518255		
8	3	94.3	18	1305.7	1605.7	14330		
9	2	78.7	18	1893.3		175140		
10	3	88.3	18	993.7	1307.7	335810		
11	1	52.6	18			498699		
12	2	71.1	18	970.9		659076		
13	3	86.9	18	1058.1	1487.1	155148		
14	3	90.4	18	1691.6	1150.6	315623		
15	1	58.3	18			478148		
16	1	62	18			640211		
17	1	59.2	18			135943		
18	3	97.3	18	1510.7	1506.7	295706		



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14.13.7 Trial 7

Data Sheet for FCC Radar Type 5								
Trial Number:		7		VSG F	5510			
Number of Bu	ırsts in Trial:		14	Succes	sful Detection:	Yes		
Burst Pulses per (8-20) Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval			
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	2	78.4	12	996.6		589542		
2	1	59.3	12			797377		
3	3	90.3	12	1730.7	1806.7	148730		
4	3	94.6	12	1905.4	1801.4	355325		
5	3	93.4	12	1029.6	1748.6	562628		
6	3	94.7	12	1814.3	1042.3	768740		
7	1	62.4	12			123772		
8	2	70.1	12	936.9		330846		
9	3	99.4	12	1294.6	1492.6	536865		
10	3	93	12	925	1173	744267		
11	1	62.5	12			98284		
12	1	53.7	12		_	305689		
13	3	98	12	1125	1372	511817		
14	2	81	12	1325		719356		



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14.13.8 Trial 8

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:	•	8		VSG F	5510	
Number of Bu	ırsts in Trial:		18	Succes	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(µ sec)	(μ sec)
1	1	52.1	18			56539
2	1	65.7	18			217795
3	1	65.4	18			379417
4	2	74.8	18	1068.2		539448
5	2	80.6	18	1045.4		36564
6	3	87.2	18	1818.8	1902.8	196761
7	3	88.1	18	947.9	1055.9	358003
8	1	63.7	18			520773
9	1	52.3	18			16747
10	2	74.3	18	1772.7		177486
11	1	53.2	18			339491
12	1	50.3	18			500618
13	2	75.2	18	1194.8		660372
14	1	63.6	18			158203
15	3	85.3	18	1323.7	1694.7	318157
16	2	72.2	18	1414.8		479669
17	2	73.3	18	1659.7		640580
18	2	75.2	18	1756.8		137958

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告结果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
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14.13.9 Trial 9

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		9		VSG F	reqency(MHz):	5510
Number of Bu	ırsts in Trial:		19	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)
1	1	55.8	18			283718
2	2	77.1	18	1484.9		435844
3	3	90.7	18	1189.3	1363.3	587055
4	3	91.1	18	1834.9	1220.9	111559
5	3	86.1	18	1310.9	1728.9	263556
6	2	79.1	18	1362.9		416904
7	1	66.5	18			570875
8	2	67.2	18	1505.8		93220
9	2	69.9	18	1139.1		245698
10	1	66.3	18			398934
11	2	78.3	18	1593.7		550179
12	1	58.1	18			74628
13	2	81.8	18	997.2		226945
14	2	75	18	1801		378932
15	3	90.4	18	1729.6	1882.6	529401
16	2	71.6	18	1046.4		55618
17	2	68.9	18	1755.1		208121
18	2	71.1	18	1563.9		360555
19	2	74.9	18	1573.1		512790



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14.13.10 Trial 10

Data Sheet for FCC Radar Type 5							
Trial Number:		10		VSG F	VSG Freqency(MHz): 5510		
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(μ sec)	
1	3	83.6	19	1156.4	1402.4	36786	
2	2	81.4	19	1841.6		189030	
3	2	72	19	1873		341446	
4	1	59.2	19			495618	
5	1	64.6	19			18101	
6	1	57	19			171006	
7	1	65.9	19			323898	
8	3	91.4	19	1631.6	1195.6	473938	
9	3	93	19	1748	1907	625166	
10	2	69.4	19	1385.6		151741	
11	3	98.8	19	942.2	1284.2	303795	
12	3	84.8	19	1560.2	919.2	455788	
13	2	77.1	19	1388.9		609337	
14	2	69.7	19	1794.3		132925	
15	3	87.3	19	1608.7	958.7	284743	
16	3	97.9	19	1732.1	1713.1	436026	
17	2	70.9	19	999.1		590910	
18	3	90.4	19	1359.6	1277.6	113848	
19	1	61.1	19			267239	



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14.13.11 Trial 11

Data Sheet for FCC Radar Type 5								
Trial Number	:	11		VSG F	VSG Freqency(MHz): 5497.9985			
Number of B	ursts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	2	79.7	17	1729.3		442542		
2	3	86.4	17	1700.6	1365.6	601648		
3	1	58.2	17			101016		
4	1	63.4	17			262168		
5	2	67.3	17	1698.7		422482		
6	2	71.7	17	1419.3		583697		
7	3	85.5	17	1670.5	1713.5	80640		
8	3	94.3	17	1340.7	1643.7	241209		
9	3	92.6	17	1013.4	981.4	402276		
10	2	78.2	17	1072.8		564450		
11	1	60	17			61163		
12	1	53.5	17			222579		
13	3	94.7	17	1082.3	1122.3	382273		
14	1	64.1	17			545278		
15	3	97.3	17	1666.7	1199.7	41143		
16	3	89.7	17	962.3	1879.3	201825		
17	3	93.9	17	914.1	1680.1	362387		
18	3	83.8	17	1048.2	1471.2	523042		



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14.13.12 Trial 12

Data Sheet for	FCC Radar	Type 5					
Trial Number:		12		VSG Freqency(MHz): 5494.7985			
Number of Bursts in Trial:			11	Succes	sful Detection:	Yes	
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µ sec)	(μ sec)	
1	2	67.9	9	1563.1		35107	
2	2	76	9	1354		298999	
3	3	84	9	1220	1140	562150	
4	2	70.2	9	1571.8		826375	
5	3	87.8	9	1508.2	1219.2	2601	
6	2	73.5	9	1667.5		266475	
7	3	97.8	9	1531.2	949.2	529885	
8	2	71.1	9	1828.9		793963	
9	2	81.6	9	1003.4		1058374	
10	1	51.1	9			234332	
11	3	88.4	9	1660.6	1057.6	496982	



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14.13.13 Trial 13

Data Sheet for FCC Radar Type 5								
Trial Number:		13		VSG Freqency(MHz): 5497.5985				
Number of Bu	ırsts in Trial:		17	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(µ sec)	(μ sec)		
1	3	94.6	16	1650.4	1591.4	491001		
2	2	77.1	16	988.9		663413		
3	2	69.4	16	1906.6		130069		
4	2	81.3	16	1226.7		300595		
5	1	57.8	16			471951		
6	3	91.5	16	1711.5	1727.5	639596		
7	3	88.6	16	1661.4	1871.4	108749		
8	2	75.3	16	1186.7		279709		
9	2	67.9	16	1837.1		449801		
10	1	54.7	16			621531		
11	3	87.5	16	1372.5	1910.5	87916		
12	2	79.2	16	1264.8		258567		
13	1	62.7	16			430122		
14	2	73.4	16	1761.6		599120		
15	1	63.1	16			67270		
16	2	83	16	1025		237828		
17	1	65.9	16			409146		



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14.13.14 Trial 14

Data Sheet for FCC Radar Type 5								
Trial Number:		14		VSG Freqency(MHz): 5493.1985				
Number of Bu	ırsts in Trial:		8	Succes	sful Detection:	Yes		
Burst (8-20)	•		Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	1	54.1	5			1233114		
2	2	70.6	5	1309.4		98338		
3	2	79.9	5	1080.1		461347		
4	2	80	5	1429		824495		
5	3	93.5	5	963.5	1379.5	1186762		
6	1	64.1	5			53640		
7	1	53	5			416956		
8	1	64.4	5			780619		



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14.13.15 Trial 15

Data Sheet for FCC Radar Type 5							
Trial Number	•	15		VSG F	reqency(MHz):	5498.3985	
Number of Bu	ursts in Trial:		18	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	2	77.1	18	1138.9		506685	
2	1	59.4	18			3942	
3	3	98.7	18	1818.3	1485.3	164350	
4	3	84.8	18	1135.2	1238.2	325193	
5	1	65.7	18			488063	
6	3	96.2	18	1674.8	931.8	646717	
7	3	90.2	18	1490.8	1608.8	144757	
8	3	84.4	18	1049.6	1651.6	305614	
9	1	55.8	18			467777	
10	3	98	18	1343	1404	626618	
11	1	51	18			125478	
12	3	90.6	18	1469.4	1260.4	285477	
13	2	72.2	18	1697.8		446760	
14	3	86.9	18	1312.1	1165.1	607152	
15	2	72.7	18	1261.3		105371	
16	1	58.6	18			266913	
17	1	64.4	18			428276	
18	2	75.9	18	1576.1		588295	



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14.13.16 Trial 16

Data Sheet for FCC Radar Type 5							
Trial Number:		16		VSG Freqency(MHz): 5497.19			
Number of Bu	rsts in Trial:		16	Succes	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
` ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	2	79	15	1325		96385	
2	2	80.4	15	1275.6		277596	
3	3	96.9	15	1786.1	1494.1	457288	
4	2	71.2	15	1164.8		640364	
5	3	96.9	15	1508.1	1758.1	73875	
6	2	74.6	15	1541.4		255229	
7	3	90.6	15	1248.4	1491.4	435347	
8	2	81.9	15	966.1		617759	
9	2	67	15	1257		51734	
10	1	61	15			233198	
11	2	71.3	15	1118.7		414119	
12	1	58.3	15			596385	
13	1	51	15			29446	
14	1	63	15			210902	
15	1	66.4	15			392295	
16	2	66.9	15	1119.1		573244	



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14.13.17 Trial 17

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		17		VSG Freqency(MHz): 5496.7985		
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(µ sec)
1	2	80.7	14	1502.3		7549
2	2	82.1	14	1416.9		200848
3	3	90	14	1519	1841	393083
4	3	90.6	14	1198.4	933.4	586893
5	1	52.2	14			781968
6	1	58.6	14			177375
7	3	97.4	14	988.6	1347.6	370019
8	3	94.8	14	1757.2	1625.2	562015
9	1	56.8	14			758515
10	2	75.4	14	1104.6		153362
11	1	62	14			347244
12	3	92.4	14	1276.6	1421.6	538959
13	3	93.7	14	1520.3	1173.3	731970
14	2	67.2	14	1295.8		129404
15	3	98	14	1376	1589	322224



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14.13.18 Trial 18

Data Sheet for FCC Radar Type 5								
Trial Number:		18		VSG Freqency(MHz): 5496.7985				
Number of Bursts in Trial:			15	Successful Detection: Yes				
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
` '	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	2	71.2	14	1320.8		516098		
2	1	65.6	14			711056		
3	2	67.6	14	1560.4		105644		
4	3	85.1	14	1106.9	1546.9	298267		
5	2	72.6	14	999.4		492329		
6	2	67.5	14	1557.5		685805		
7	1	55.8	14			81982		
8	1	62.6	14			275769		
9	2	74	14	1525		468393		
10	3	94.2	14	1808.8	1348.8	660115		
11	3	83.8	14	1341.2	1033.2	57882		
12	2	79.1	14	1354.9		251330		
13	2	79.1	14	1824.9		444195		
14	1	63.1	14			639213		
15	3	97.6	14	1097.4	1222.4	34150		



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14.13.19 Trial 19

Data Sheet for FCC Radar Type 5								
Trial Number		19		VSG Freqency(MHz): 5497.9985				
Number of Bu	ırsts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
. ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	3	97	17	1152	1159	189075		
2	3	88	17	1778	1067	349689		
3	2	74.2	17	1247.8		511852		
4	1	55.3	17			8644		
5	1	56.2	17			170059		
6	3	90.7	17	1463.3	1746.3	329731		
7	2	68.7	17	1129.3		492024		
8	2	73.8	17	1410.2		652286		
9	2	73.6	17	1033.4		149766		
10	2	70.4	17	1726.6		310583		
11	2	83.1	17	1266.9		471723		
12	1	52	17			633842		
13	1	64.4	17			130266		
14	2	71.4	17	1012.6		290875		
15	1	62.5	17			452978		
16	3	98.2	17	1084.8	1661.8	611442		
17	3	88.3	17	976.7	1216.7	110015		
18	3	99.9	17	1356.1	1347.1	270620		



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14.13.20 Trial 20

Data Sheet fo	r FCC Radar	Type 5					
Trial Number:		20		VSG F	5496.3985		
Number of Bu	ırsts in Trial:		14	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
` '	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	1	63.1	13			556985	
2	1	50	13			764240	
3	3	92.8	13	1560.2	1596.2	115892	
4	3	83.5	13	1886.5	1074.5	322714	
5	2	78	13	947		530982	
6	3	93.9	13	1542.1	1436.1	736408	
7	3	99.4	13	1840.6	1047.6	90516	
8	2	74.8	13	969.2		298059	
9	2	69.4	13	1059.6		505059	
10	1	65.9	13			713052	
11	3	96.4	13	1146.6	967.6	65087	
12	2	68.5	13	1303.5		272279	
13	2	79.5	13	1438.5		479185	
14	2	68.2	13	1298.8		686483	



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14.13.21 Trial 21

Data Sheet for FCC Radar Type 5								
Trial Number:		21		VSG F	VSG Freqency(MHz): 5521.2015			
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(µ sec)		
1	2	81.7	19	1675.3		29156		
2	1	59.3	19			181974		
3	2	78.5	19	1714.5		333680		
4	2	74	19	1328		486495		
5	2	68.2	19	1802.8		10387		
6	3	88.3	19	1217.7	1476.7	162498		
7	1	60.9	19			316285		
8	1	57.3	19			469192		
9	1	52.4	19			621762		
10	3	91.8	19	1234.2	1875.2	143544		
11	3	94	19	1739	1264	295655		
12	1	64.6	19			450235		
13	3	89.5	19	915.5	1615.5	599789		
14	1	65.5	19			125570		
15	3	91.5	19	1415.5	1795.5	276848		
16	3	91.2	19	1761.8	1029.8	429069		
17	1	61.4	19			583904		
18	3	96	19	1452	977	106315		
19	3	95.6	19	924.4	1619.4	258271		



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14.13.22 Trial 22

Data Sheet for FCC Radar Type 5								
Trial Number:		22		VSG Freqency(MHz): 5520.8015				
Number of Bu	rsts in Trial:		20	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(μ sec)		
1	2	79.3	20	1506.7		390953		
2	1	66	20			536503		
3	1	63	20			83566		
4	1	54.7	20			228585		
5	1	63.4	20			373567		
6	1	60	20			518984		
7	2	80.4	20	1723.6		65463		
8	1	55.9	20			210880		
9	2	81.5	20	1479.5		354867		
10	2	71.2	20	1102.8		500292		
11	1	52.8	20			47770		
12	2	77.4	20	1201.6		192655		
13	1	55.1	20			338057		
14	3	91	20	1219	963	481622		
15	1	64.9	20			29905		
16	2	70.3	20	1596.7		174553		
17	1	55	20			320252		
18	3	93	20	1714	1252	463224		
19	3	88.6	20	1268.4	932.4	11959		
20	2	80	20	1828		156759		



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14.13.23 Trial 23

Data Sheet fo	r FCC Radar	Type 5					
Trial Number:		23		VSG Freqency(MHz): 5525.6015			
Number of Bu	ırsts in Trial:		10	Succes	sful Detection:	Yes	
Burst Pulses pe (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	3	100	8	1584	1759	603694	
2	3	88.9	8	1327.1	1222.1	893887	
3	1	55.8	8			1187066	
4	3	97.6	8	1377.4	1549.4	278150	
5	1	50.9	8			569781	
6	3	89.5	8	1286.5	1435.5	857986	
7	1	63.4	8			1150528	
8	1	54.3	8			243087	
9	3	83.8	8	1759.2	1406.2	532117	
10	2	83.3	8	1264.7		823833	



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14.13.24 Trial 24

Data Sheet for FCC Radar Type 5							
Trial Number:		24		VSG F	reqency(MHz):	5526.8015	
Number of Bu	ırsts in Trial:		8	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µsec)	(µ sec)	
1	2	78.2	5	1735.8		1392615	
2	1	54.4	5			259219	
3	1	50.3	5			622650	
4	2	73	5	1533		985144	
5	1	50.2	5			1349865	
6	1	52.1	5			214435	
7	2	68.7	5	1662.3		577209	
8	1	54.6	5			941146	



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14.13.25 Trial 25

Data Sheet for FCC Radar Type 5								
Trial Number:		25		VSG Freqency(MHz): 5524.0				
Number of Bu	ırsts in Trial:		14	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	1	65	12			745379		
2	1	64	12			96929		
3	3	87.9	12	1892.1	918.1	303517		
4	2	82.3	12	1446.7		511254		
5	2	79.5	12	1832.5		717718		
6	3	86.1	12	1726.9	1423.9	71068		
7	3	99.7	12	1815.3	1019.3	277992		
8	1	64.3	12			486396		
9	3	88.9	12	1535.1	1893.1	690663		
10	2	73.7	12	1102.3		45684		
11	2	74.6	12	1104.4		252915		
12	3	95.3	12	999.7	1241.7	459755		
13	3	86.5	12	948.5	1040.5	666815		
14	3	98.2	12	1389.8	1071.8	20152		



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14.13.26 Trial 26

Data Sheet for FCC Radar Type 5								
Trial Number:		26		VSG Freqency(MHz): 5523.201				
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µ sec)	(µ sec)		
1	2	72.9	14	1537.1		212084		
2	1	66	14			406059		
3	3	95.6	14	1417.4	1601.4	597776		
4	3	90.4	14	1894.6	1211.6	790092		
5	1	60.2	14			188634		
6	1	65.4	14			382345		
7	1	53.8	14			576213		
8	2	73.9	14	1594.1		767962		
9	3	96.6	14	1859.4	1748.4	163965		
10	2	76	14	1584		357548		
11	2	72.1	14	1514.9		551111		
12	3	98.2	14	1626.8	1771.8	742110		
13	3	93.1	14	1198.9	1668.9	140436		
14	3	98.4	14	1854.6	1072.6	333362		
15	2	77	14	1472		526994		



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14.13.27 Trial 27

Data Sheet for FCC Radar Type 5								
Trial Number:		27		VSG Freqency(MHz): 5523.2015				
Number of Bu	ırsts in Trial:		15	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
` '	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	2	82.2	14	1353.8		720438		
2	3	90.7	14	1185.3	1700.3	116626		
3	1	62.7	14			310855		
4	1	51.6	14			504591		
5	1	50.4	14			698421		
6	2	78	14	1195		93119		
7	2	74.5	14	1618.5		286339		
8	3	92.2	14	1149.8	1137.8	478982		
9	2	67.6	14	1499.4		672540		
10	1	59.3	14			69430		
11	2	69.7	14	1452.3		262555		
12	3	98	14	1102	1231	455517		
13	3	86.6	14	1804.4	1381.4	647811		
14	1	50.6	14			45557		
15	3	89.7	14	1787.3	1504.3	238008		



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14.13.28 Trial 28

Data Sheet for FCC Radar Type 5								
Trial Number:		28		VSG Freqency(MHz): 5521.6015				
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(µ sec)		
1	2	79.7	18	1697.3		340340		
2	3	88.6	18	1769.4	1690.4	491404		
3	3	96.8	18	1691.2	1516.2	17024		
4	2	80	18	1145		169458		
5	2	81.6	18	1780.4		321904		
6	3	84.4	18	1451.6	1816.6	472877		
7	2	77.4	18	1613.6		626201		
8	1	59.8	18			151072		
9	3	91.9	18	1142.1	1102.1	302563		
10	1	53.2	18			456785		
11	1	50.8	18			609842		
12	3	91.1	18	1734.9	964.9	131722		
13	2	67.4	18	1458.6		284271		
14	1	61.8	18			437573		
15	1	60.1	18			591173		
16	2	81.4	18	1385.6		113168		
17	3	93.1	18	1220.9	1329.9	265250		
18	1	51.2	18			419059		
19	3	87.4	18	1118.6	1853.6	569225		



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14.13.29 Trial 29

Data Sheet for FCC Radar Type 5								
Trial Number	:	29		VSG Freqency(MHz): 5526.4015				
Number of B	ursts in Trial:		9	Succes	sful Detection:	Yes		
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
` ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	1	56.7	6			200001		
2	2	83	6	1308		522489		
3	1	61.9	6			846350		
4	3	93.7	6	1671.3	1482.3	1166393		
5	3	86.1	6	1005.9	1351.9	159876		
6	2	70.2	6	1318.8		482748		
7	3	98.5	6	1105.5	1490.5	804613		
8	2	73.9	6	1138.1		1128175		
9	2	77.9	6	1159.1		120301		



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14.13.30 Trial 30

Data Sheet for FCC Radar Type 5								
Trial Number:		30		VSG F	5523.2015			
Number of Bu	ırsts in Trial:		15	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
` '	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	2	81.1	14	1357.9		265423		
2	3	90.6	14	1867.4	1437.4	457686		
3	2	67.5	14	1595.5		651592		
4	2	67.2	14	1586.8		48253		
5	2	73.3	14	1268.7		241501		
6	1	56.9	14			435893		
7	3	96.4	14	1579.6	1480.6	626508		
8	3	83.6	14	1137.4	1840.4	24398		
9	1	51.3	14			218181		
10	1	63	14			411686		
11	2	66.8	14	1677.2		604335		
12	3	92.7	14	1608.3	1118.3	647		
13	1	54.7	14			194192		
14	2	80.9	14	1304.1		387413		
15	2	70.8	14	1289.2		580481		



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14.14 Radar Type 6 for 5510 MHz:

Trial	Pulse Width (μ sec)	PRI (μ sec)	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection (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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14.15 5530MHz:

Short Pulse Radar Type	Minimum Number of Trials	Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
1	30	100		60	Pass
2	30	1	00	60	Pass
3	30	9	90	60	Pass
4	30	93	.33	60	Pass
Aggregate (Radar Types 1-4)	120	95.	8325	80	Pass
Long Pulse Radar Type	Minimum Number of Trials	Each Detection(%)	Total Detection(%)	Minmum Percentage of Successful Detection(%)	Pass/Fail
5	Center:10 Low Edge:10	100 100	100	80	Pass
	High Edge:10	100			
Frequency Hopping Radar Type	Minimum Number of Trials	Detec	tion(%)	Minmum Percentage of Successful Detection(%)	Pass/Fail
6	30	1	00	70	Pass



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14.16 Radar Type 1 for 5530 MHz:

Trial	VSG Freqency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency		Test A/B	Successful Detection
	()	Number (1 to 23)	(Pulses Per Second)	(msec)	A/B	(Yes/No)
1	5530	1	1930.5	518	Α	Yes
2	5530	5	1672.2	598	Α	Yes
3	5530	3	1792.1	558	Α	Yes
4	5530	14	1285.3	778	Α	Yes
5	5530	21	1089.3	918	Α	Yes
6	5530	18	1165.5	858	Α	Yes
7	5530	12	1355	738	Α	Yes
8	5530	11	1392.8	718	Α	Yes
9	5530	23	326.2	3066	Α	Yes
10	5530	4	1730.1	578	Α	Yes
11	5530	20	1113.6	898	Α	Yes
12	5530	9	1474.9	678	Α	Yes
13	5530	2	1858.7	538	Α	Yes
14	5530	16	1222.5	818	Α	Yes
15	5530	15	1253.1	798	Α	Yes
16	5530	-	563.7	1774	В	Yes
17	5530	-	341.4	2929	В	Yes
18	5530	-	439	2278	В	Yes
19	5530	-	1745.2	573	В	Yes
20	5530	-	587.2	1703	В	Yes
21	5530	-	380.4	2629	В	Yes
22	5530	-	663.1	1508	В	Yes
23	5530	-	340.5	2937	В	Yes
24	5530	-	361.3	2768	В	Yes
25	5530	-	537.6	1860	В	Yes
26	5530	-	1426.5	701	В	Yes
27	5530	-	499.8	2001	В	Yes
28	5530	-	691.1	1447	В	Yes
29	5530	-	465.8	2147	В	Yes
30	5530	-	338.6	2953	В	Yes

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14.17 Radar Type 2 for 5530 MHz:

VSG Freqency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
		(μs)	(μs)	(Yes/No)
5530	27	3.4	196	Yes
5530	29	5	226	Yes
5530	27	3.4	215	Yes
5530	24	1.6	179	Yes
5530	23	1	164	Yes
5530	28	4.4	228	Yes
5530	26	3	203	Yes
5530	28	4.4	159	Yes
5530	29	4.5	151	Yes
5530	29	4.7	218	Yes
5530	28	4.1	198	Yes
5530	24	2	229	Yes
5530	27	3.8	197	Yes
5530	23	1	194	Yes
5530	28	4.4	170	Yes
5530	27	3.8	213	Yes
5530	27	3.4	150	Yes
			186	Yes
				Yes
				Yes
			•	Yes
				Yes
			•	Yes
				Yes
				Yes
	5530 5530 5530 5530 5530 5530 5530 5530	VSG Frequency (MHz) Pulses per Burst (23-29) 5530 27 5530 29 5530 27 5530 24 5530 28 5530 28 5530 28 5530 29 5530 29 5530 29 5530 24 5530 27 5530 23 5530 27 5530 27 5530 27 5530 28 5530 27 5530 29 5530 29 5530 29 5530 29 5530 23 5530 27 5530 27 5530 27 5530 27 5530 27 5530 27 5530 27 5530 27 5530 29	VSG Freqency (MHz) Pulses per Burst (23-29) (1-5) 5530 27 3.4 5530 29 5 5530 27 3.4 5530 24 1.6 5530 23 1 5530 28 4.4 5530 28 4.4 5530 28 4.4 5530 29 4.5 5530 29 4.7 5530 29 4.7 5530 28 4.1 5530 27 3.8 5530 27 3.8 5530 27 3.3 5530 27 3.3 5530 27 3.3 5530 28 4.2 5530 27 3.3 5530 28 4.2 5530 29 4.6 5530 29 4.6 5530 29 4.6 5530 <t< td=""><td>VSG Freqency (MHz) Pulses per Burst (23-29) (1-5) (150-230) (μs) (μs) (μs) 5530 27 3.4 196 5530 29 5 226 5530 24 1.6 179 5530 23 1 164 5530 28 4.4 228 5530 28 4.4 159 5530 28 4.4 159 5530 29 4.5 151 5530 29 4.7 218 5530 29 4.7 218 5530 29 4.7 218 5530 29 4.7 218 5530 28 4.1 198 5530 27 3.8 197 5530 23 1 194 5530 27 3.8 213 5530 27 3.3 186 5530 27 3.3</td></t<>	VSG Freqency (MHz) Pulses per Burst (23-29) (1-5) (150-230) (μs) (μs) (μs) 5530 27 3.4 196 5530 29 5 226 5530 24 1.6 179 5530 23 1 164 5530 28 4.4 228 5530 28 4.4 159 5530 28 4.4 159 5530 29 4.5 151 5530 29 4.7 218 5530 29 4.7 218 5530 29 4.7 218 5530 29 4.7 218 5530 28 4.1 198 5530 27 3.8 197 5530 23 1 194 5530 27 3.8 213 5530 27 3.3 186 5530 27 3.3

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14.18 Radar Type 3 for 5530 MHz:

	1			1	
Trial	VSG Freqency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection
		(10 10)	(μs)	(μs)	(Yes/No)
1	5530	17	8.4	231	Yes
2	5530	18	10	364	Yes
3	5530	17	8.4	207	Yes
4	5530	16	6.6	224	Yes
5	5530	16	6	284	No
6	5530	18	9.4	468	Yes
7	5530	17	8	500	Yes
8	5530	18	9.4	400	Yes
9	5530	18	9.5	418	Yes
10	5530	18	9.7	306	Yes
11	5530	18	9.1	326	Yes
12	5530	16	7	456	Yes
13	5530	18	8.8	476	Yes
14	5530	16	6	324	Yes
15	5530	18	9.4	389	Yes
16	5530	18	8.8	411	Yes
17	5530	17	8.4	314	Yes
18	5530	17	8.3	477	Yes
19	5530	18	9.2	463	Yes
20	5530	17	8.1	480	Yes
21	5530	18	9.6	388	Yes
22	5530	18	9.8	296	Yes
23	5530	16	6.8	374	No
24	5530	16	6.2	404	Yes
25	5530	17	7.9	467	Yes
26	5530	17	8.3	424	Yes
27	5530	17	8.4	295	Yes
28	5530	18	9.5	257	Yes
29	5530	16	6.3	361	No
30	5530	17	8.3	449	Yes

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14.19 Radar Type 4 for 5530 MHz:

Data Sheet for FCC Radar Type 4

	•			•	
Trial	VSG Freqency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
		(12 10)	(μs)	(μs)	(Yes/No)
1	5530	14	16.3	231	Yes
2	5530	16	19.9	364	Yes
3	5530	15	16.5	207	Yes
4	5530	12	12.5	224	Yes
5	5530	12	11.2	284	Yes
6	5530	16	18.6	468	Yes
7	5530	14	15.4	500	No
8	5530	16	18.5	400	Yes
9	5530	16	18.9	418	Yes
10	5530	16	19.3	306	Yes
11	5530	15	18	326	Yes
12	5530	13	13.4	456	Yes
13	5530	15	17.4	476	Yes
14	5530	12	11	324	Yes
15	5530	16	18.6	389	Yes
16	5530	15	17.2	411	Yes
17	5530	14	16.3	314	Yes
18	5530	14	16.2	477	Yes
19	5530	15	18.1	463	Yes
20	5530	14	15.6	480	Yes
21	5530	16	19	388	Yes
22	5530	16	19.6	296	Yes
23	5530	13	12.9	374	Yes
24	5530	12	11.4	404	Yes
25	5530	14	15.3	467	Yes
26	5530	14	16.2	424	No
27	5530	14	16.3	295	Yes
28	5530	16	18.8	257	Yes
29	5530	12	11.8	361	Yes
30	5530	14	16.2	449	Yes

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14.20 Radar Type 5 for 5530 MHz:

14.20.1 Trial 1:

17.20.1						
Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		1		VSG F	reqency(MHz):	5530
Number of Bu	ırsts in Trial:		15	Succes	sful 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 Loca- tion Within Interval
	(1.5)	(μ sec)	(MHz)	(µ sec)	(µ sec)	(μ sec)
1	2	79.5	14	1743.5		662720
2	3	99.4	14	1577.6	1802.6	59114
3	2	80.5	14	1711.5		252532
4	1	58.3	14			446839
5	1	51.1	14			640616
6	3	92.1	14	1145.9	1353.9	35365
7	2	74.6	14	1589.4		228634
8	3	91.7	14	1369.3	1105.3	421292
9	3	93.8	14	1287.2	1197.2	614320
10	3	96.2	14	1003.8	1125.8	11608
11	3	88.8	14	1383.2	922.2	204585
12	1	63.2	14			399173
13	3	85.3	14	1141.7	1167.7	590969
14	1	50.2	14			786552
15	3	91.9	14	1292.1	985.1	180894

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14.20.2 Trial 2:

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		2		VSG Freqency(MHz):		
Number of Bursts in Trial:			20	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(µ sec)
1	3	84.3	20	1471.7	1453.7	279491
2	2	79.4	20	1010.6		425883
3	2	78.7	20	1699.3		570091
4	3	89.5	20	1115.5	1791.5	117444
5	2	75.7	20	1487.3		262388
6	3	94.1	20	1532.9	1755.9	406317
7	3	97.5	20	1279.5	1254.5	551147
8	1	60.6	20			100196
9	1	52.6	20			245254
10	2	73.6	20	1694.4		389634
11	2	79	20	1506		534109
12	2	79.5	20	1179.5		82128
13	3	93	20	1806	910	226583
14	1	54.4	20			372511
15	2	78.7	20	1090.3		516930
16	2	71.8	20	1853.2		64305
17	2	69.8	20	1825.2		208934
18	1	62.8	20			354786
19	1	58.9	20			499979
20	2	76.6	20	1071.4		46527



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14.20.3 Trial 3

Data Sheet fo	r FCC Radar	Type 5					
Trial Number:		3		VSG F	VSG Freqency(MHz):		
Number of Bu	ırsts in Trial:		15	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	2	82	14	996		255363	
2	2	72.4	14	978.6		448913	
3	3	97.1	14	1004.9	1733.9	640492	
4	3	92.3	14	1043.7	1133.7	38210	
5	1	61.9	14			231851	
6	2	74.6	14	1882.4		424858	
7	3	99.8	14	901.2	1850.2	617072	
8	2	68.7	14	1259.3		14451	
9	2	72.3	14	1175.7		207679	
10	1	50	14			401990	
11	1	52.5	14			595264	
12	3	92.1	14	1106.9	1365.9	786509	
13	3	89.1	14	1112.9	1343.9	183613	
14	3	84.6	14	1903.4	1813.4	376288	
15	3	92.5	14	1801.5	1418.5	569026	

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14.20.4 Trial 4

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		4		VSG F	reqency(MHz):	5530
Number of Bu	ırsts in Trial:		10	Succes	sful Detection:	Yes
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
` '	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)
1	2	69.5	7	1226.5		1147759
2	2	74.5	7	1315.5		240510
3	3	91.4	7	1065.6	1036.6	530657
4	1	53.4	7			822390
5	2	68.6	7	1431.4		1111445
6	2	82	7	1587		204752
7	3	88.7	7	1407.3	1858.3	494357
8	2	77.8	7	1362.2	_	785343
9	3	84.7	7	1276.3	1325.3	1074067
10	2	72.2	7	1578.8	_	168955



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14.20.5 Trial 5

Data Sheet fo	or FCC Radar	Type 5				
Trial Number	:	5		VSG F	reqency(MHz):	5530
Number of B	ursts in Trial:		8	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interva
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)
1	1	62.5	5			575087
2	2	81.6	5	1248.4		937605
3	3	87.2	5	979.8	1247.8	1299554
4	1	65	5			166796
5	2	74.4	5	1220.6		529598
6	2	69	5	933		893098
7	1	50.3	5			1257290
8	2	76.3	5	1910.7		121790



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14.20.6 **Trial 6**

Data Sheet for FCC Radar Type 5							
Trial Number	•	6		VSG F	VSG Freqency(MHz): 5530		
Number of Bu	ursts in Trial:		18	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	2	73.7	18	1880.3		214981	
2	1	59.8	18			377052	
3	1	61.8	18			537765	
4	2	82.3	18	1718.7		34173	
5	3	86.5	18	1707.5	1158.5	194736	
6	2	77.6	18	1639.4		355795	
7	1	51.1	18			518255	
8	3	94.3	18	1305.7	1605.7	14330	
9	2	78.7	18	1893.3		175140	
10	3	88.3	18	993.7	1307.7	335810	
11	1	52.6	18			498699	
12	2	71.1	18	970.9		659076	
13	3	86.9	18	1058.1	1487.1	155148	
14	3	90.4	18	1691.6	1150.6	315623	
15	1	58.3	18			478148	
16	1	62	18			640211	
17	1	59.2	18			135943	
18	3	97.3	18	1510.7	1506.7	295706	



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14.20.7 Trial 7

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		7		VSG F	5530	
Number of Bursts in Trial:			14	Succes	sful Detection:	Yes
_	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)
1	2	78.4	12	996.6		589542
2	1	59.3	12			797377
3	3	90.3	12	1730.7	1806.7	148730
4	3	94.6	12	1905.4	1801.4	355325
5	3	93.4	12	1029.6	1748.6	562628
6	3	94.7	12	1814.3	1042.3	768740
7	1	62.4	12			123772
8	2	70.1	12	936.9		330846
9	3	99.4	12	1294.6	1492.6	536865
10	3	93	12	925	1173	744267
11	1	62.5	12			98284
12	1	53.7	12			305689
13	3	98	12	1125	1372	511817
14	2	81	12	1325		719356



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14.20.8 **Trial 8**

Data Sheet for FCC Radar Type 5								
Trial Number	:	8		VSG F	VSG Freqency(MHz): 553			
Number of Bu	ursts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	1	52.1	18			56539		
2	1	65.7	18			217795		
3	1	65.4	18			379417		
4	2	74.8	18	1068.2		539448		
5	2	80.6	18	1045.4		36564		
6	3	87.2	18	1818.8	1902.8	196761		
7	3	88.1	18	947.9	1055.9	358003		
8	1	63.7	18			520773		
9	1	52.3	18			16747		
10	2	74.3	18	1772.7		177486		
11	1	53.2	18			339491		
12	1	50.3	18			500618		
13	2	75.2	18	1194.8		660372		
14	1	63.6	18			158203		
15	3	85.3	18	1323.7	1694.7	318157		
16	2	72.2	18	1414.8		479669		
17	2	73.3	18	1659.7		640580		
18	2	75.2	18	1756.8		137958		



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14.20.9 Trial 9

Data Sheet for FCC Radar Type 5							
Trial Number:		9		VSG F	VSG Freqency(MHz): 5530		
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	1	55.8	18			283718	
2	2	77.1	18	1484.9		435844	
3	3	90.7	18	1189.3	1363.3	587055	
4	3	91.1	18	1834.9	1220.9	111559	
5	3	86.1	18	1310.9	1728.9	263556	
6	2	79.1	18	1362.9		416904	
7	1	66.5	18			570875	
8	2	67.2	18	1505.8		93220	
9	2	69.9	18	1139.1		245698	
10	1	66.3	18			398934	
11	2	78.3	18	1593.7		550179	
12	1	58.1	18			74628	
13	2	81.8	18	997.2		226945	
14	2	75	18	1801		378932	
15	3	90.4	18	1729.6	1882.6	529401	
16	2	71.6	18	1046.4		55618	
17	2	68.9	18	1755.1		208121	
18	2	71.1	18	1563.9		360555	
19	2	74.9	18	1573.1		512790	



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14.20.10 Trial 10

Data Sheet for FCC Radar Type 5							
Trial Number:		10		VSG F	VSG Freqency(MHz): 5530		
Number of Bu	rsts in Trial:		19	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(µ sec)	
1	3	83.6	19	1156.4	1402.4	36786	
2	2	81.4	19	1841.6		189030	
3	2	72	19	1873		341446	
4	1	59.2	19			495618	
5	1	64.6	19			18101	
6	1	57	19			171006	
7	1	65.9	19			323898	
8	3	91.4	19	1631.6	1195.6	473938	
9	3	93	19	1748	1907	625166	
10	2	69.4	19	1385.6		151741	
11	3	98.8	19	942.2	1284.2	303795	
12	3	84.8	19	1560.2	919.2	455788	
13	2	77.1	19	1388.9		609337	
14	2	69.7	19	1794.3		132925	
15	3	87.3	19	1608.7	958.7	284743	
16	3	97.9	19	1732.1	1713.1	436026	
17	2	70.9	19	999.1		590910	
18	3	90.4	19	1359.6	1277.6	113848	
19	1	61.1	19			267239	



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14.20.11 Trial 11

Data Sheet for FCC Radar Type 5								
Trial Number		11		VSG Freqency(MHz): 5498.4625				
Number of Bu	ursts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
. ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	2	79.7	17	1729.3		442542		
2	3	86.4	17	1700.6	1365.6	601648		
3	1	58.2	17			101016		
4	1	63.4	17			262168		
5	2	67.3	17	1698.7		422482		
6	2	71.7	17	1419.3		583697		
7	3	85.5	17	1670.5	1713.5	80640		
8	3	94.3	17	1340.7	1643.7	241209		
9	3	92.6	17	1013.4	981.4	402276		
10	2	78.2	17	1072.8		564450		
11	1	60	17			61163		
12	1	53.5	17			222579		
13	3	94.7	17	1082.3	1122.3	382273		
14	1	64.1	17			545278		
15	3	97.3	17	1666.7	1199.7	41143		
16	3	89.7	17	962.3	1879.3	201825		
17	3	93.9	17	914.1	1680.1	362387		
18	3	83.8	17	1048.2	1471.2	523042		



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14.20.12 Trial 12

Data Sheet for	FCC Radar	Type 5					
Trial Number:		12		VSG Freqency(MHz): 5495.26			
Number of Bu	rsts in Trial:		11	Succes	sful Detection:	Yes	
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µ sec)	(μ sec)	
1	2	67.9	9	1563.1		35107	
2	2	76	9	1354		298999	
3	3	84	9	1220	1140	562150	
4	2	70.2	9	1571.8		826375	
5	3	87.8	9	1508.2	1219.2	2601	
6	2	73.5	9	1667.5		266475	
7	3	97.8	9	1531.2	949.2	529885	
8	2	71.1	9	1828.9		793963	
9	2	81.6	9	1003.4	_	1058374	
10	1	51.1	9		_	234332	
11	3	88.4	9	1660.6	1057.6	496982	



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14.20.13 Trial 13

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		13		VSG Freqency(MHz): 5498.0625		
Number of Bu	ırsts in Trial:		17	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(µ sec)	(μ sec)
1	3	94.6	16	1650.4	1591.4	491001
2	2	77.1	16	988.9		663413
3	2	69.4	16	1906.6		130069
4	2	81.3	16	1226.7		300595
5	1	57.8	16			471951
6	3	91.5	16	1711.5	1727.5	639596
7	3	88.6	16	1661.4	1871.4	108749
8	2	75.3	16	1186.7		279709
9	2	67.9	16	1837.1		449801
10	1	54.7	16			621531
11	3	87.5	16	1372.5	1910.5	87916
12	2	79.2	16	1264.8		258567
13	1	62.7	16			430122
14	2	73.4	16	1761.6		599120
15	1	63.1	16			67270
16	2	83	16	1025		237828
17	1	65.9	16			409146



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14.20.14 Trial 14

Data Sheet fo	or FCC Radar	Type 5					
Trial Number	:	14		VSG Freqency(MHz): 5493.6625			
Number of Bu	ursts in Trial:		8	Succes	sful Detection:	Yes	
Burst Pulses per (8-20) Burst		Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)	
1	1	54.1	5			1233114	
2	2	70.6	5	1309.4		98338	
3	2	79.9	5	1080.1		461347	
4	2	80	5	1429		824495	
5	3	93.5	5	963.5	1379.5	1186762	
6	1	64.1	5			53640	
7	1	53	5			416956	
8	1	64.4	5			780619	



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14.20.15 Trial 15

Data Sheet for FCC Radar Type 5								
Trial Number	•	15		VSG F	VSG Freqency(MHz): 5498.8625			
Number of Bu	ursts in Trial:		18	Successful Detection:		Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	2	77.1	18	1138.9		506685		
2	1	59.4	18			3942		
3	3	98.7	18	1818.3	1485.3	164350		
4	3	84.8	18	1135.2	1238.2	325193		
5	1	65.7	18			488063		
6	3	96.2	18	1674.8	931.8	646717		
7	3	90.2	18	1490.8	1608.8	144757		
8	3	84.4	18	1049.6	1651.6	305614		
9	1	55.8	18			467777		
10	3	98	18	1343	1404	626618		
11	1	51	18			125478		
12	3	90.6	18	1469.4	1260.4	285477		
13	2	72.2	18	1697.8		446760		
14	3	86.9	18	1312.1	1165.1	607152		
15	2	72.7	18	1261.3		105371		
16	1	58.6	18			266913		
17	1	64.4	18			428276		
18	2	75.9	18	1576.1		588295		



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14.20.16 Trial 16

Data Sheet for FCC Radar Type 5									
Trial Number:		16		VSG F	reqency(MHz):	5497.6625			
Number of Bu	rsts in Trial:		16	Succes	sful Detection:	Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval			
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(µ sec)	(<i>μ</i> sec)			
1	2	79	15	1325		96385			
2	2	80.4	15	1275.6		277596			
3	3	96.9	15	1786.1	1494.1	457288			
4	2	71.2	15	1164.8		640364			
5	3	96.9	15	1508.1	1758.1	73875			
6	2	74.6	15	1541.4		255229			
7	3	90.6	15	1248.4	1491.4	435347			
8	2	81.9	15	966.1		617759			
9	2	67	15	1257		51734			
10	1	61	15			233198			
11	2	71.3	15	1118.7		414119			
12	1	58.3	15			596385			
13	1	51	15			29446			
14	1	63	15			210902			
15	1	66.4	15			392295			
16	2	66.9	15	1119.1		573244			



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14.20.17 Trial 17

Data Sheet for	r FCC Radar	Type 5				
Trial Number:		17		VSG Freqency(MHz): 5497.2625		
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(µ sec)
1	2	80.7	14	1502.3		7549
2	2	82.1	14	1416.9		200848
3	3	90	14	1519	1841	393083
4	3	90.6	14	1198.4	933.4	586893
5	1	52.2	14			781968
6	1	58.6	14			177375
7	3	97.4	14	988.6	1347.6	370019
8	3	94.8	14	1757.2	1625.2	562015
9	1	56.8	14			758515
10	2	75.4	14	1104.6		153362
11	1	62	14			347244
12	3	92.4	14	1276.6	1421.6	538959
13	3	93.7	14	1520.3	1173.3	731970
14	2	67.2	14	1295.8		129404
15	3	98	14	1376	1589	322224



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14.20.18 Trial 18

Data Sheet for FCC Radar Type 5								
Trial Number:		18		VSG Freqency(MHz): 5497.2625				
Number of Bu	rsts in Trial:		15	Succes	Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µ sec)	(<i>μ</i> sec)		
1	2	71.2	14	1320.8		516098		
2	1	65.6	14			711056		
3	2	67.6	14	1560.4		105644		
4	3	85.1	14	1106.9	1546.9	298267		
5	2	72.6	14	999.4		492329		
6	2	67.5	14	1557.5		685805		
7	1	55.8	14			81982		
8	1	62.6	14			275769		
9	2	74	14	1525		468393		
10	3	94.2	14	1808.8	1348.8	660115		
11	3	83.8	14	1341.2	1033.2	57882		
12	2	79.1	14	1354.9		251330		
13	2	79.1	14	1824.9		444195		
14	1	63.1	14			639213		
15	3	97.6	14	1097.4	1222.4	34150		



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14.20.19 Trial 19

Data Sheet for FCC Radar Type 5								
Trial Number	:	19		VSG F	reqency(MHz):	5498.4625		
Number of B	ursts in Trial:		18	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)		
1	3	97	17	1152	1159	189075		
2	3	88	17	1778	1067	349689		
3	2	74.2	17	1247.8		511852		
4	1	55.3	17			8644		
5	1	56.2	17			170059		
6	3	90.7	17	1463.3	1746.3	329731		
7	2	68.7	17	1129.3		492024		
8	2	73.8	17	1410.2		652286		
9	2	73.6	17	1033.4		149766		
10	2	70.4	17	1726.6		310583		
11	2	83.1	17	1266.9		471723		
12	1	52	17			633842		
13	1	64.4	17			130266		
14	2	71.4	17	1012.6		290875		
15	1	62.5	17			452978		
16	3	98.2	17	1084.8	1661.8	611442		
17	3	88.3	17	976.7	1216.7	110015		
18	3	99.9	17	1356.1	1347.1	270620		



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14.20.20 Trial 20

Data Sheet fo	r FCC Radar	Type 5				
Trial Number:		20		VSG Freqency(MHz): 5496.862		
Number of Bu	ırsts in Trial:	14		Succes	sful Detection:	Yes
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)
1	1	63.1	13			556985
2	1	50	13			764240
3	3	92.8	13	1560.2	1596.2	115892
4	3	83.5	13	1886.5	1074.5	322714
5	2	78	13	947		530982
6	3	93.9	13	1542.1	1436.1	736408
7	3	99.4	13	1840.6	1047.6	90516
8	2	74.8	13	969.2		298059
9	2	69.4	13	1059.6		505059
10	1	65.9	13			713052
11	3	96.4	13	1146.6	967.6	65087
12	2	68.5	13	1303.5		272279
13	2	79.5	13	1438.5		479185
14	2	68.2	13	1298.8		686483

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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14.20.21 Trial 21

Data Sheet for FCC Radar Type 5								
Trial Number:		21		VSG Freqency(MHz): 5560.7375				
Number of Bu	rsts in Trial:		19	Succes	Successful Detection: Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	2	81.7	19	1675.3		29156		
2	1	59.3	19			181974		
3	2	78.5	19	1714.5		333680		
4	2	74	19	1328		486495		
5	2	68.2	19	1802.8		10387		
6	3	88.3	19	1217.7	1476.7	162498		
7	1	60.9	19			316285		
8	1	57.3	19			469192		
9	1	52.4	19			621762		
10	3	91.8	19	1234.2	1875.2	143544		
11	3	94	19	1739	1264	295655		
12	1	64.6	19			450235		
13	3	89.5	19	915.5	1615.5	599789		
14	1	65.5	19			125570		
15	3	91.5	19	1415.5	1795.5	276848		
16	3	91.2	19	1761.8	1029.8	429069		
17	1	61.4	19			583904		
18	3	96	19	1452	977	106315		
19	3	95.6	19	924.4	1619.4	258271		



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14.20.22 Trial 22

Data Sheet for	FCC Radar	Type 5				
Trial Number:		22		VSG F	reqency(MHz):	5560.3375
Number of Bu	rsts in Trial:		20	Succes	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µ sec)	(µ sec)
1	2	79.3	20	1506.7		390953
2	1	66	20			536503
3	1	63	20			83566
4	1	54.7	20			228585
5	1	63.4	20			373567
6	1	60	20			518984
7	2	80.4	20	1723.6		65463
8	1	55.9	20			210880
9	2	81.5	20	1479.5		354867
10	2	71.2	20	1102.8		500292
11	1	52.8	20			47770
12	2	77.4	20	1201.6		192655
13	1	55.1	20			338057
14	3	91	20	1219	963	481622
15	1	64.9	20			29905
16	2	70.3	20	1596.7		174553
17	1	55	20			320252
18	3	93	20	1714	1252	463224
19	3	88.6	20	1268.4	932.4	11959
20	2	80	20	1828		156759



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14.20.23 Trial 23

Data Sheet fo	r FCC Radar	Type 5				
Trial Number		23		VSG Freqency(MHz): 5565.1375		
Number of Bursts in Trial:			10	Succes	sful Detection:	Yes
Burst Pulses	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)
1	3	100	8	1584	1759	603694
2	3	88.9	8	1327.1	1222.1	893887
3	1	55.8	8			1187066
4	3	97.6	8	1377.4	1549.4	278150
5	1	50.9	8			569781
6	3	89.5	8	1286.5	1435.5	857986
7	1	63.4	8			1150528
8	1	54.3	8			243087
9	3	83.8	8	1759.2	1406.2	532117
10	2	83.3	8	1264.7		823833



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14.20.24 Trial 24

Data Sheet for FCC Radar Type 5								
Trial Number:		24		VSG F	reqency(MHz):	5566.3375		
Number of Bu	rsts in Trial:		8	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(µ sec)	(µ sec)		
1	2	78.2	5	1735.8		1392615		
2	1	54.4	5			259219		
3	1	50.3	5			622650		
4	2	73	5	1533		985144		
5	1	50.2	5			1349865		
6	1	52.1	5			214435		
7	2	68.7	5	1662.3		577209		
8	1	54.6	5			941146		



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14.20.25 Trial 25

Data Sheet for	r FCC Radar	Type 5					
Trial Number:		25		VSG Freqency(MHz): 5563.5375			
Number of Bu	rsts in Trial:		14	Succes	sful Detection:	Yes	
Burst Pulses p	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	1	65	12			745379	
2	1	64	12			96929	
3	3	87.9	12	1892.1	918.1	303517	
4	2	82.3	12	1446.7		511254	
5	2	79.5	12	1832.5		717718	
6	3	86.1	12	1726.9	1423.9	71068	
7	3	99.7	12	1815.3	1019.3	277992	
8	1	64.3	12			486396	
9	3	88.9	12	1535.1	1893.1	690663	
10	2	73.7	12	1102.3		45684	
11	2	74.6	12	1104.4		252915	
12	3	95.3	12	999.7	1241.7	459755	
13	3	86.5	12	948.5	1040.5	666815	
14	3	98.2	12	1389.8	1071.8	20152	



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14.20.26 Trial 26

Data Sheet for	r FCC Radar	Type 5					
Trial Number:		26		VSG Freqency(MHz): 5562.737			
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
` ,	(1-3)	(μ sec)	(MHz)	(µ sec)	(μ sec)	(μ sec)	
1	2	72.9	14	1537.1		212084	
2	1	66	14			406059	
3	3	95.6	14	1417.4	1601.4	597776	
4	3	90.4	14	1894.6	1211.6	790092	
5	1	60.2	14			188634	
6	1	65.4	14			382345	
7	1	53.8	14			576213	
8	2	73.9	14	1594.1		767962	
9	3	96.6	14	1859.4	1748.4	163965	
10	2	76	14	1584		357548	
11	2	72.1	14	1514.9		551111	
12	3	98.2	14	1626.8	1771.8	742110	
13	3	93.1	14	1198.9	1668.9	140436	
14	3	98.4	14	1854.6	1072.6	333362	
15	2	77	14	1472		526994	



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14.20.27 Trial 27

Data Sheet for	Data Sheet for FCC Radar Type 5								
Trial Number:		27			VSG Freqency(MHz): 5562.7375				
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval			
` '	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)			
1	2	82.2	14	1353.8		720438			
2	3	90.7	14	1185.3	1700.3	116626			
3	1	62.7	14			310855			
4	1	51.6	14			504591			
5	1	50.4	14			698421			
6	2	78	14	1195		93119			
7	2	74.5	14	1618.5		286339			
8	3	92.2	14	1149.8	1137.8	478982			
9	2	67.6	14	1499.4		672540			
10	1	59.3	14			69430			
11	2	69.7	14	1452.3		262555			
12	3	98	14	1102	1231	455517			
13	3	86.6	14	1804.4	1381.4	647811			
14	1	50.6	14			45557			
15	3	89.7	14	1787.3	1504.3	238008			



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14.20.28 Trial 28

Data Sheet for FCC Radar Type 5								
Trial Number:		28		VSG F	VSG Freqency(MHz): 5561.1375			
Number of Bu	rsts in Trial:		19	Succes	Successful Detection: Yes			
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
, ,	(1-3)	(µ sec)	(MHz)	(µ sec)	(μ sec)	(µ sec)		
1	2	79.7	18	1697.3		340340		
2	3	88.6	18	1769.4	1690.4	491404		
3	3	96.8	18	1691.2	1516.2	17024		
4	2	80	18	1145		169458		
5	2	81.6	18	1780.4		321904		
6	3	84.4	18	1451.6	1816.6	472877		
7	2	77.4	18	1613.6		626201		
8	1	59.8	18			151072		
9	3	91.9	18	1142.1	1102.1	302563		
10	1	53.2	18			456785		
11	1	50.8	18			609842		
12	3	91.1	18	1734.9	964.9	131722		
13	2	67.4	18	1458.6		284271		
14	1	61.8	18			437573		
15	1	60.1	18			591173		
16	2	81.4	18	1385.6		113168		
17	3	93.1	18	1220.9	1329.9	265250		
18	1	51.2	18			419059		
19	3	87.4	18	1118.6	1853.6	569225		



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14.20.29 Trial 29

Data Sheet fo	r FCC Radar	Type 5					
Trial Number:		29		VSG Freqency(MHz): 5565.9375			
Number of Bu	ırsts in Trial:		9	Succes	sful Detection:	Yes	
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval	
	(1-3)	(µ sec)	(MHz)	$(\mu \text{ sec})$	(μ sec)	(μ sec)	
1	1	56.7	6			200001	
2	2	83	6	1308		522489	
3	1	61.9	6			846350	
4	3	93.7	6	1671.3	1482.3	1166393	
5	3	86.1	6	1005.9	1351.9	159876	
6	2	70.2	6	1318.8		482748	
7	3	98.5	6	1105.5	1490.5	804613	
8	2	73.9	6	1138.1		1128175	
9	2	77.9	6	1159.1		120301	



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14.20.30 Trial 30

Data Sheet for FCC Radar Type 5								
Trial Number:		30		VSG F	5562.7375			
Number of Bursts in Trial:			15	Succes	sful Detection:	Yes		
Burst (8-20)	Number Pulses per Burst	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Loca- tion Within Interval		
	(1-3)	(µ sec)	(MHz)	$(\mu \sec)$	(μ sec)	(µ sec)		
1	2	81.1	14	1357.9		265423		
2	3	90.6	14	1867.4	1437.4	457686		
3	2	67.5	14	1595.5		651592		
4	2	67.2	14	1586.8		48253		
5	2	73.3	14	1268.7		241501		
6	1	56.9	14			435893		
7	3	96.4	14	1579.6	1480.6	626508		
8	3	83.6	14	1137.4	1840.4	24398		
9	1	51.3	14			218181		
10	1	63	14			411686		
11	2	66.8	14	1677.2		604335		
12	3	92.7	14	1608.3	1118.3	647		
13	1	54.7	14			194192		
14	2	80.9	14	1304.1		387413		
15	2	70.8	14	1289.2		580481		



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14.21 Radar Type 6 for 5530 MHz:

Data Sheet for FCC 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

~End of Report~

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