

**Table-3 Radar Type 3 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5510 MHz*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	17	7.9	445	1
2	18	8.8	295	1
3	17	9.7	438	1
4	18	9.0	231	1
5	16	6.9	266	0
6	17	8.6	435	1
7	16	7.0	497	0
8	16	6.7	336	1
9	18	8.9	454	1
10	16	9.7	203	1
11	16	7.1	384	1
12	16	7.4	417	1
13	16	7.7	277	1
14	16	6.1	439	1
15	18	9.5	427	1
16	17	9.4	246	0
17	17	10.0	248	1
18	16	10.0	399	1
19	17	9.4	384	1
20	17	7.5	464	1
21	16	7.9	244	1
22	16	6.2	207	1
23	17	7.7	269	0
24	17	7.5	212	0
25	17	7.2	271	0
26	18	7.2	439	1
27	16	6.1	339	1
28	16	6.0	250	1
29	17	7.8	469	1
30	16	7.2	279	1
<b>Detection Percentage: 80 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5510 MHz

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	13	11.2	426	1
2	15	12.0	278	0
3	13	19.2	494	1
4	16	11.2	214	1
5	15	14.5	206	1
6	16	13.0	274	1
7	16	11.0	253	0
8	14	12.1	267	1
9	15	17.9	396	1
10	13	14.1	247	1
11	15	12.0	246	1
12	15	18.3	414	1
13	15	16.8	289	0
14	12	16.5	206	1
15	13	17.3	470	1
16	14	11.0	484	0
17	15	11.3	261	1
18	14	14.3	233	0
19	13	14.2	388	1
20	16	12.5	310	1
21	16	14.6	320	1
22	14	15.7	301	1
23	15	19.4	317	1
24	12	14.5	206	0
25	15	17.8	495	1
26	15	14.5	415	1
27	16	19.1	304	1
28	13	16.4	318	1
29	14	12.7	254	1
30	15	18.1	496	0
<b>Detection Percentage: 76.7 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5500	1
2	5500	1
3	5500	1
4	5500	1
5	5500	1
6	5500	1
7	5500	1
8	5500	1
9	5500	1
10	5500	1
11	5494.7	1
12	5494.7	1
13	5493.9	1
14	5495.1	1
15	5497.1	1
16	5493.5	1
17	5493.9	1
18	5499.1	1
19	5499.1	1
20	5494.3	1
21	5501.7	1
22	5503.3	1
23	5504.1	1
24	5505.7	1
25	5503.3	1
26	5504.9	1
27	5500.9	1
28	5501.7	1
29	5503.7	1
30	5502.1	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	59.2	1211		0.515572	1
1	3	10	95.4	1957	1437	1.106962	
2	2	10	53.6	1089		1.760196	
3	1	10	83.3			2.519634	
4	2	10	51.9	1244		2.943831	
5	2	10	79.2	1909		3.864386	
6	3	10	87.3	1368	1435	4.811903	
7	3	10	78.6	1543	1087	5.075788	
8	3	10	75.1	1567	1854	5.999094	
9	2	10	75.6	1455		6.784990	
10	2	10	82.6	1090		7.103754	
11	3	10	96.8	1057	1909	8.202704	
12	2	10	57.7	1354		8.957337	
13	2	10	96.8	1633		9.224819	
14	2	10	56.9	1644		9.991979	
15	2	10	89.3	1291		11.083197	
16	3	10	50.8	1367	1701	11.731445	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	77.7	1405	1988	0.565939	1
1	1	12	54.1			1.264605	
2	2	12	52.1	1068		2.895913	
3	2	12	71.3	1345		3.497989	
4	1	12	69.1			4.707747	
5	1	12	58.8			5.650543	
6	2	12	91.9	1126		6.679025	
7	2	12	67.9	1840		8.051651	
8	3	12	53.2	1621	1815	9.754060	
9	3	12	52.9	1740	1158	10.235313	
10	3	12	52.1	1552	1365	11.676886	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	61.3	1460		0.406141	1
1	1	6	89.7			1.071619	
2	1	6	98.1			2.034379	
3	2	6	68.7	1474		3.194662	
4	1	6	90.3			3.378650	
5	3	6	51.3	1201	1037	4.018748	
6	3	6	69.3	1825	1781	5.351501	
7	3	6	58.1	1741	1503	5.822942	
8	2	6	88.5	1046		7.025061	
9	1	6	90.1			7.269661	
10	2	6	58.3	1415		8.250404	
11	3	6	64.4	1056	1035	9.535308	
12	3	6	74.4	1900	1943	10.173375	
13	2	6	98.7	1664		10.925282	
14	2	6	62.9	1008		11.760645	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	64.6	1459		0.109534	1
1	2	12	65.5	1792		0.984763	
2	2	12	71.4	1260		1.350156	
3	1	12	76.3			2.301729	
4	2	12	53.3	1175		3.014079	
5	2	12	68.8	1344		3.666487	
6	2	12	53.0	1647		4.040687	
7	2	12	52.6	1281		4.519919	
8	3	12	59.8	1499	1387	5.341837	
9	1	12	69.3			5.867182	
10	3	12	59.0	1580	1177	6.920449	
11	2	12	73.9	1753		7.521364	
12	2	12	58.7	1275		7.642108	
13	1	12	60.7			8.355092	
14	2	12	99.0	1768		9.220988	
15	2	12	94.4	1845		10.051804	
16	2	12	70.0	1553		10.610211	
17	2	12	74.9	1512		11.308739	
18	1	12	77.8			11.973566	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	88.9			0.761634	1
1	3	12	84.8	1356	1835	1.815120	
2	1	12	66.8			3.502782	
3	2	12	63.9	1972		4.616370	
4	2	12	97.7	1910		5.572448	
5	2	12	87.2	1357		7.746109	
6	2	12	60.1	1350		8.182100	
7	2	12	50.1	1221		9.927888	
8	2	12	97.0	1863		10.800838	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	61.3			0.824470	1
1	3	5	90.6	1319	1147	1.465769	
2	2	5	62.4	1681		1.812564	
3	2	5	66.9	1923		2.883288	
4	2	5	71.7	1653		3.505561	
5	3	5	52.9	1301	1108	4.583403	
6	2	5	74.5	1607		5.757222	
7	1	5	72.7			6.813132	
8	1	5	95.6			7.479776	
9	2	5	73.7	1466		8.260520	
10	2	5	59.1	1646		8.868105	
11	2	5	94.9	1117		10.027067	
12	2	5	82.9	1397		10.505383	
13	3	5	55.3	1286	1651	11.713671	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	58.0	1664	1255	0.933585	1
1	2	11	85.5	1198		1.232336	
2	2	11	51.7	1300		3.102930	
3	3	11	75.5	1074	1435	4.036528	
4	3	11	90.8	1654	1184	4.781090	
5	2	11	75.4	1268		6.284913	
6	2	11	56.5	1601		6.548185	
7	3	11	64.0	1300	1078	7.647498	
8	1	11	58.0			9.311944	
9	3	11	89.4	1822	1027	9.923013	
10	2	11	66.2	1811		11.033082	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	75.4	1460	1036	0.059896	1
1	2	7	54.1	1173		1.166128	
2	2	7	65.8	1957		1.508742	
3	2	7	55.7	1615		2.521506	
4	1	7	69.3			2.807331	
5	1	7	84.9			3.186729	
6	3	7	68.8	1232	1918	4.246886	
7	2	7	77.3	1547		4.445032	
8	2	7	65.7	1553		5.577417	
9	2	7	52.9	1510		5.801473	
10	2	7	99.6	1290		6.742004	
11	3	7	51.6	1374	1192	7.231959	
12	3	7	79.4	1625	1929	8.098380	
13	1	7	66.8			8.806271	
14	2	7	83.2	1652		9.016859	
15	3	7	62.9	1476	1491	9.967856	
16	2	7	53.7	1836		10.293562	
17	3	7	70.8	1202	1021	11.318768	
18	3	7	84.2	1641	1486	11.977677	



## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	60.5	1778		0.073280	1
1	2	12	83.3	1687		1.913313	
2	2	12	64.8	1934		3.292200	
3	3	12	94.6	1341	1844	4.605894	
4	1	12	64.5			5.615662	
5	2	12	84.3	1066		6.468492	
6	2	12	92.4	1953		7.682777	
7	2	12	77.1	1004		9.583046	
8	2	12	79.3	1221		10.766513	
9	1	12	75.3			11.655241	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	75.9	1550		0.308891	1
1	2	6	66.8	1280		1.331746	
2	2	6	53.3	1221		2.505695	
3	1	6	77.6			3.255870	
4	2	6	57.3	1510		3.953249	
5	2	6	74.5	1733		4.950799	
6	1	6	99.5			6.246278	
7	3	6	93.9	1975	1066	7.196571	
8	1	6	65.3			7.962552	
9	1	6	53.4			8.873267	
10	1	6	69.5			9.934521	
11	2	6	61.4	1299		10.290594	
12	3	6	50.3	1257	1549	11.174654	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	89.6	1419		0.559809	1
1	2	8	51.2	1311		0.987442	
2	1	8	51.0			1.308497	
3	2	8	77.1	1029		1.810582	
4	1	8	87.0			2.812470	
5	2	8	53.5	1018		3.065189	
6	2	8	80.2	1107		3.745228	
7	3	8	56.2	1689	1547	4.468386	
8	1	8	52.5			4.906202	
9	1	8	89.0			5.968805	
10	2	8	74.1	1958		6.415966	
11	2	8	98.3	1468		6.724480	
12	3	8	69.0	1916	1038	7.279041	
13	2	8	80.7	1543		8.057292	
14	2	8	96.6	1964		8.808518	
15	2	8	50.1	1261		9.184753	
16	1	8	73.3			10.041460	
17	2	8	76.8	1644		10.507069	
18	2	8	92.8	1135		11.350753	
19	3	8	71.6	1561	1095	11.875092	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	92.9	1494	1264	0.850463	1
1	1	8	60.2			0.863223	
2	2	8	65.2	1730		1.736454	
3	2	8	78.1	1764		2.571549	
4	3	8	80.9	1902	1510	3.543867	
5	1	8	90.8			4.684985	
6	3	8	89.5	1441	1981	5.251269	
7	2	8	67.6	1408		6.267533	
8	2	8	56.8	1250		7.213040	
9	2	8	75.5	1304		7.947103	
10	1	8	89.3			8.768559	
11	3	8	56.4	1115	1723	9.661501	
12	2	8	52.2	1618		10.357335	
13	2	8	62.4	1249		11.299149	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	62.6	1083		0.277443	1
1	2	6	75.1	1510		1.278610	
2	1	6	60.4			2.596328	
3	3	6	69.3	1247	1462	3.895058	
4	1	6	82.7			4.579028	
5	2	6	62.6	1256		5.107459	
6	1	6	82.6			6.473952	
7	3	6	57.1	1682	1294	7.537281	
8	1	6	51.8			8.435253	
9	2	6	56.8	1623		9.974105	
10	2	6	98.1	1750		10.409412	
11	1	6	89.6			11.086586	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	91.6	1234	1638	0.353482	1
1	2	9	58.5	1254		1.343617	
2	2	9	82.7	1355		2.099845	
3	3	9	81.4	1572	1935	2.719169	
4	3	9	81.2	1109	1469	3.567325	
5	2	9	62.3	1375		4.804765	
6	3	9	84.6	1804	1079	5.490957	
7	1	9	91.0			6.623392	
8	2	9	71.9	1803		7.515345	
9	1	9	76.0			7.813408	
10	1	9	89.6			9.303509	
11	3	9	80.5	1977	1920	9.604073	
12	2	9	57.9	1646		10.746975	
13	2	9	76.4	1027		11.859544	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	76.4	1143		0.508977	1
1	1	14	54.4			1.167365	
2	1	14	83.0			1.435406	
3	3	14	71.3	1376	1018	2.146580	
4	2	14	66.9	1253		3.319605	
5	2	14	75.8	1006		3.868462	
6	3	14	53.3	1818	1893	4.788740	
7	2	14	82.1	1574		5.103422	
8	3	14	54.3	1325	1576	6.252850	
9	3	14	74.9	1155	1137	6.476479	
10	2	14	80.3	1280		7.063578	
11	1	14	87.7			7.989157	
12	2	14	68.4	1822		8.962899	
13	1	14	78.6			9.610268	
14	2	14	86.3	1587		10.010029	
15	3	14	55.2	1165	1004	10.984065	
16	3	14	95.3	1514	1694	11.389319	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	53.8	1995	1380	0.097502	1
1	1	5	89.9			1.064910	
2	2	5	90.4	1219		2.498978	
3	3	5	82.4	1248	1907	3.321026	
4	2	5	96.5	1410		3.954435	
5	2	5	77.1	1025		5.093011	
6	3	5	98.5	1064	1692	5.237525	
7	3	5	63.6	1931	1024	6.455989	
8	2	5	82.3	1637		7.221531	
9	3	5	97.5	1340	1713	8.440619	
10	2	5	71.7	1314		9.075972	
11	1	5	93.0			10.022036	
12	1	5	60.5			10.491441	
13	1	5	89.6			11.470733	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	82.0	1986		0.735475	1
1	3	6	91.8	1618	1780	1.874178	
2	2	6	93.9	1212		2.892971	
3	1	6	75.1			3.933158	
4	3	6	72.5	1950	1363	4.659963	
5	2	6	63.2	1692		5.713289	
6	2	6	56.1	1477		6.551222	
7	2	6	50.1	1044		7.366853	
8	3	6	75.2	1054	1085	8.197986	
9	1	6	52.1			9.859626	
10	3	6	99.5	1302	1273	10.527291	
11	3	6	88.5	1148	1472	11.079528	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	68.4	1979		0.297532	1
1	3	19	81.7	1495	1735	1.195452	
2	2	19	61.7	1730		2.142538	
3	1	19	53.1			2.674594	
4	3	19	57.5	1996	1328	3.361170	
5	1	19	97.7			4.164760	
6	1	19	76.7			4.766764	
7	1	19	61.2			5.508578	
8	2	19	62.4	1688		6.557290	
9	3	19	55.4	1653	1400	7.259253	
10	1	19	63.7			7.970423	
11	1	19	86.0			8.499877	
12	1	19	63.9			9.376000	
13	2	19	89.8	1293		9.760871	
14	3	19	60.8	1890	1676	11.106491	
15	1	19	73.4			11.913070	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	95.7	1086		0.307529	1
1	2	19	64.0	1567		2.645304	
2	2	19	56.2	1932		3.860427	
3	1	19	85.5			4.720127	
4	3	19	60.2	1407	1078	6.213731	
5	3	19	61.3	1718	1389	6.842371	
6	1	19	76.6			8.058647	
7	2	19	89.0	1416		9.901861	
8	1	19	96.2			11.180057	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	80.9	1829		0.389544	1
1	1	7	70.8			0.756421	
2	3	7	51.4	1849	1412	1.976859	
3	3	7	70.2	1408	1993	2.598655	
4	3	7	51.7	1716	1315	3.559355	
5	2	7	54.4	1495		4.407951	
6	3	7	83.8	1740	1374	5.200200	
7	3	7	72.4	1252	1046	5.485458	
8	2	7	70.2	1655		6.086713	
9	3	7	90.3	1783	1341	6.989234	
10	3	7	97.3	1711	1994	7.819523	
11	3	7	76.3	1330	1087	8.370530	
12	2	7	98.1	1366		9.336591	
13	2	7	61.0	1615		10.185539	
14	2	7	57.9	1107		10.527448	
15	3	7	87.9	1166	1031	11.658437	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	67.3	1203	1107	0.989176	1
1	1	17	79.1			1.735621	
2	2	17	81.6	1102		2.664425	
3	2	17	99.7	1315		3.801983	
4	1	17	74.5			4.970780	
5	2	17	68.5	1054		5.115359	
6	2	17	71.1	1494		6.528571	
7	2	17	72.4	1950		7.965404	
8	2	17	81.8	1527		8.934101	
9	2	17	60.7	1255		9.839995	
10	3	17	93.8	1229	1261	10.112486	
11	3	17	58.3	1534	1951	11.458365	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	65.6	1369		0.251127	1
1	2	13	69.9	1473		0.742248	
2	2	13	81.8	1238		1.573926	
3	3	13	99.1	1538	1011	2.313781	
4	2	13	91.0	1729		3.172725	
5	1	13	50.6			3.889287	
6	3	13	89.8	1298	1658	4.542176	
7	2	13	81.6	1519		5.027751	
8	2	13	82.1	1503		5.794706	
9	3	13	72.0	1874	1889	6.591337	
10	1	13	67.8			6.977148	
11	2	13	99.3	1876		7.664097	
12	3	13	54.6	1019	1402	8.174663	
13	2	13	69.8	1708		8.884276	
14	1	13	69.9			9.841634	
15	2	13	77.8	1042		10.040321	
16	1	13	67.5			10.865719	
17	2	13	99.5	1042		11.902397	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	62.7	1306		0.126257	1
1	3	11	55.8	1225	1971	1.826264	
2	2	11	87.6	1807		2.400487	
3	1	11	96.6			3.405921	
4	1	11	94.5			4.615583	
5	2	11	78.3	1813		5.862089	
6	2	11	65.2	1464		6.198047	
7	3	11	53.1	1833	1633	7.081428	
8	2	11	51.7	1470		8.901944	
9	2	11	87.3	1676		9.219229	
10	2	11	88.2	1483		10.441830	
11	3	11	73.4	1509	1427	11.558632	



## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	58.3			0.563410	1
1	3	7	84.6	1922	1620	0.825840	
2	2	7	78.2	1491		1.861505	
3	2	7	67.1	1576		2.665152	
4	1	7	76.2			3.221131	
5	2	7	88.5	1008		4.396410	
6	1	7	59.2			4.554223	
7	2	7	66.1	1809		5.989897	
8	2	7	96.6	1540		6.031026	
9	2	7	69.5	1114		7.374116	
10	1	7	57.3			7.876198	
11	1	7	75.7			8.627006	
12	1	7	61.7			9.373815	
13	2	7	54.9	1793		10.357066	
14	1	7	52.0			10.962916	
15	2	7	90.7	1355		11.378131	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	73.9	1900		0.506828	1
1	2	13	77.2	1117		1.322227	
2	3	13	84.9	1385	1233	3.221289	
3	2	13	61.9	1567		3.541557	
4	2	13	76.1	1595		4.365707	
5	2	13	88.5	1107		5.725708	
6	2	13	79.6	1784		7.297268	
7	2	13	68.1	1653		8.128671	
8	3	13	72.3	1706	1926	9.149730	
9	3	13	69.0	1445	1603	10.528860	
10	2	13	79.6	1156		11.122156	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	84.7			0.380356	1
1	1	9	54.6			1.145830	
2	3	9	87.7	1569	1607	1.692991	
3	2	9	60.2	1810		2.127357	
4	2	9	79.1	1185		2.911257	
5	2	9	57.4	1850		3.714973	
6	1	9	69.1			4.125182	
7	2	9	64.5	1347		5.125440	
8	2	9	50.7	1006		5.465808	
9	2	9	54.4	1251		6.101044	
10	2	9	66.4	1727		6.762519	
11	3	9	91.6	1020	1923	7.517078	
12	2	9	73.5	1043		8.370798	
13	3	9	92.8	1634	1289	9.006372	
14	3	9	58.6	1510	1176	9.801830	
15	2	9	81.0	1115		10.637448	
16	2	9	77.0	1312		11.253380	
17	2	9	85.2	1442		11.957330	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	93.8	1688	1005	0.225526	1
1	2	19	92.1	1682		1.432250	
2	1	19	87.6			1.748930	
3	2	19	96.3	1698		2.408418	
4	2	19	97.5	1561		3.263351	
5	3	19	88.1	1365	1771	4.528408	
6	1	19	66.1			4.915003	
7	1	19	92.0			5.712088	
8	3	19	55.5	1129	1041	6.601697	
9	2	19	73.8	1787		7.767930	
10	1	19	87.9			8.330225	
11	3	19	70.7	1500	1854	9.408102	
12	3	19	50.7	1433	1481	9.922415	
13	1	19	82.8			10.972654	
14	3	19	97.5	1664	1772	11.773120	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	55.6	1541		0.740245	1
1	2	17	77.3	1695		1.418489	
2	1	17	89.8			2.235641	
3	2	17	55.3	1244		3.568950	
4	1	17	57.7			4.142596	
5	2	17	59.7	1570		5.965363	
6	2	17	91.8	1693		6.749373	
7	2	17	86.3	1191		7.127357	
8	1	17	93.1			8.468150	
9	1	17	97.2			9.727132	
10	1	17	95.9			10.573334	
11	1	17	55.3			11.373393	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	71.9			0.635773	1
1	1	12	55.1			0.786672	
2	2	12	72.3	1434		1.510487	
3	2	12	71.3	1496		2.140732	
4	1	12	89.3			3.329123	
5	2	12	57.3	1431		3.976167	
6	1	12	51.5			4.807484	
7	3	12	93.7	1632	1272	5.489135	
8	2	12	53.8	1025		5.836075	
9	2	12	74.7	1506		6.748736	
10	2	12	60.6	1572		7.463630	
11	2	12	69.3	1119		8.419846	
12	3	12	61.4	1665	1876	8.682186	
13	1	12	58.0			9.807433	
14	1	12	64.1			10.212882	
15	2	12	57.3	1451		10.700110	
16	2	12	72.6	1578		11.950838	

## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	92.6	1735	1791	0.176679	1
1	3	16	64.4	1822	1208	1.268991	
2	1	16	63.0			1.751950	
3	2	16	81.4	1691		2.345623	
4	1	16	83.9			2.874810	
5	3	16	63.9	1696	1912	3.894304	
6	2	16	70.8	1741		4.278596	
7	1	16	78.6			5.574249	
8	2	16	94.7	1955		6.253950	
9	1	16	91.8			6.780924	
10	2	16	54.5	1354		7.293953	
11	2	16	77.5	1476		8.355328	
12	2	16	73.6	1918		8.532043	
13	2	16	89.1	1042		9.385030	
14	2	16	97.9	1101		10.499774	
15	2	16	78.3	1344		10.903315	
16	1	16	97.5			11.428200	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500.0	9	1.0	333	1	5295.0, 5483.0, 5537.0, 5539.0, 5631.0, 5321.0, 5635.0, 5622.0, 5257.0, 5318.0, 5520.0, 5724.0, 5502.0, 5479.0, 5523.0, 5488.0, 5348.0, 5452.0, 5289.0, 5445.0, 5617.0, 5700.0, 5711.0, 5651.0, 5484.0, 5721.0, 5528.0, 5485.0, 5447.0, 5522.0, 5258.0, 5668.0, 5288.0, 5494.0, 5566.0, 5678.0, 5699.0, 5719.0, 5364.0, 5705.0, 5547.0, 5473.0, 5591.0, 5417.0, 5595.0, 5510.0, 5340.0, 5409.0, 5461.0, 5659.0, 5368.0, 5273.0, 5506.0, 5371.0, 5501.0, 5715.0, 5507.0, 5372.0, 5524.0, 5323.0, 5637.0, 5549.0, 5532.0, 5337.0, 5665.0, 5660.0, 5513.0, 5514.0, 5615.0, 5261.0, 5366.0, 5477.0, 5594.0, 5344.0, 5378.0, 5640.0, 5675.0, 5278.0, 5512.0, 5439.0, 5468.0, 5274.0, 5267.0, 5260.0, 5487.0, 5361.0, 5633.0, 5434.0, 5689.0, 5305.0, 5717.0, 5459.0, 5373.0, 5569.0, 5664.0, 5396.0, 5620.0, 5428.0, 5354.0, 5683.0 (number of hits: 5)
2	5500.0	9	1.0	333	1	5591.0, 5695.0, 5287.0, 5321.0, 5608.0, 5341.0, 5539.0, 5473.0, 5371.0, 5335.0, 5402.0, 5466.0, 5510.0, 5528.0, 5701.0, 5603.0, 5709.0, 5292.0, 5273.0, 5412.0, 5600.0, 5474.0, 5597.0, 5288.0, 5571.0, 5349.0, 5579.0, 5526.0, 5426.0, 5652.0, 5251.0, 5506.0, 5601.0, 5282.0, 5463.0, 5547.0, 5625.0, 5267.0, 5609.0, 5260.0, 5715.0, 5285.0, 5663.0, 5407.0, 5553.0, 5640.0, 5530.0, 5536.0, 5572.0, 5703.0, 5445.0, 5379.0, 5343.0, 5277.0, 5622.0, 5499.0, 5637.0, 5257.0, 5612.0, 5296.0, 5657.0, 5707.0, 5594.0, 5480.0, 5517.0, 5478.0, 5279.0, 5639.0, 5577.0, 5589.0, 5710.0, 5486.0, 5593.0, 5323.0, 5648.0, 5582.0, 5654.0, 5315.0, 5718.0, 5261.0, 5634.0, 5271.0, 5578.0, 5641.0, 5458.0, 5665.0, 5533.0, 5492.0, 5413.0, 5501.0, 5512.0, 5348.0, 5331.0, 5515.0, 5650.0, 5613.0, 5319.0, 5516.0, 5632.0, 5716.0 (number of hits: 4)
3	5500.0	9	1.0	333	1	5396.0, 5586.0, 5713.0, 5500.0, 5668.0, 5460.0, 5392.0, 5330.0, 5447.0, 5662.0, 5290.0, 5479.0, 5667.0, 5474.0, 5291.0, 5323.0, 5453.0, 5455.0, 5696.0, 5540.0, 5362.0, 5438.0, 5612.0, 5336.0, 5692.0, 5653.0, 5496.0, 5663.0, 5341.0, 5564.0, 5485.0, 5378.0, 5316.0, 5370.0, 5470.0, 5641.0, 5546.0, 5443.0, 5352.0, 5494.0, 5709.0, 5277.0, 5486.0, 5441.0, 5482.0, 5685.0, 5417.0, 5298.0, 5680.0, 5683.0, 5270.0, 5615.0, 5311.0, 5260.0, 5718.0, 5669.0, 5423.0, 5334.0, 5465.0, 5371.0, 5395.0, 5463.0, 5682.0, 5589.0, 5723.0, 5617.0, 5655.0, 5652.0, 5434.0, 5690.0, 5481.0, 5318.0, 5429.0, 5608.0, 5537.0, 5269.0, 5516.0, 5393.0, 5358.0, 5414.0, 5720.0, 5271.0, 5394.0, 5675.0, 5255.0, 5674.0, 5419.0, 5268.0, 5510.0, 5520.0, 5252.0, 5602.0, 5530.0, 5493.0, 5621.0, 5639.0, 5477.0, 5563.0, 5308.0, 5495.0 (number of hits: 5)
4	5500.0	9	1.0	333	1	5299.0, 5418.0, 5703.0, 5695.0, 5325.0, 5482.0, 5646.0, 5445.0, 5408.0, 5450.0, 5590.0, 5606.0, 5558.0, 5433.0, 5693.0, 5621.0, 5711.0, 5593.0, 5611.0, 5362.0, 5497.0, 5718.0, 5287.0, 5345.0, 5260.0, 5531.0, 5435.0, 5439.0, 5431.0, 5682.0, 5305.0, 5421.0, 5395.0, 5691.0, 5365.0, 5713.0, 5523.0, 5642.0, 5603.0, 5443.0, 5322.0, 5647.0, 5461.0, 5618.0, 5565.0, 5517.0, 5599.0, 5572.0, 5428.0, 5405.0, 5696.0, 5556.0, 5667.0, 5333.0, 5659.0, 5591.0, 5580.0, 5379.0, 5259.0, 5451.0, 5684.0, 5334.0, 5344.0, 5683.0, 5460.0, 5314.0, 5518.0, 5459.0, 5278.0, 5504.0, 5610.0, 5274.0, 5468.0, 5253.0, 5633.0, 5631.0, 5719.0, 5359.0, 5628.0, 5547.0, 5650.0, 5679.0, 5486.0, 5526.0, 5582.0, 5490.0, 5437.0, 5583.0, 5644.0, 5424.0, 5276.0, 5448.0, 5513.0, 5478.0, 5665.0, 5417.0, 5350.0, 5281.0, 5560.0, 5289.0 (number of hits: 2)
5	5500.0	9	1.0	333	1	5406.0, 5319.0, 5500.0, 5343.0, 5442.0, 5308.0, 5335.0, 5589.0, 5705.0, 5586.0, 5583.0, 5268.0, 5635.0, 5474.0, 5464.0, 5710.0, 5598.0, 5653.0, 5434.0, 5417.0, 5353.0, 5555.0, 5306.0, 5323.0,

						5642.0, 5253.0, 5348.0, 5626.0, 5574.0, 5293.0, 5413.0, 5651.0, 5613.0, 5657.0, 5520.0, 5643.0, 5617.0, 5479.0, 5659.0, 5568.0, 5272.0, 5680.0, 5530.0, 5403.0, 5267.0, 5278.0, 5349.0, 5438.0, 5376.0, 5546.0, 5433.0, 5281.0, 5261.0, 5492.0, 5453.0, 5450.0, 5469.0, 5426.0, 5344.0, 5368.0, 5390.0, 5490.0, 5341.0, 5362.0, 5435.0, 5446.0, 5481.0, 5686.0, 5671.0, 5332.0, 5639.0, 5668.0, 5569.0, 5655.0, 5365.0, 5370.0, 5454.0, 5337.0, 5457.0, 5445.0, 5491.0, 5449.0, 5437.0, 5539.0, 5425.0, 5347.0, 5326.0, 5665.0, 5681.0, 5573.0, 5715.0, 5509.0, 5596.0, 5317.0, 5532.0, 5640.0, 5607.0, 5294.0, 5428.0, 5264.0 (number of hits: 3)
6	5500.0	9	1.0	333	1	5437.0, 5608.0, 5447.0, 5634.0, 5414.0, 5406.0, 5580.0, 5689.0, 5582.0, 5693.0, 5551.0, 5273.0, 5255.0, 5547.0, 5601.0, 5613.0, 5543.0, 5550.0, 5651.0, 5657.0, 5299.0, 5308.0, 5370.0, 5417.0, 5662.0, 5633.0, 5315.0, 5477.0, 5511.0, 5490.0, 5558.0, 5321.0, 5520.0, 5372.0, 5425.0, 5703.0, 5605.0, 5319.0, 5562.0, 5311.0, 5269.0, 5373.0, 5314.0, 5683.0, 5316.0, 5348.0, 5600.0, 5274.0, 5688.0, 5548.0, 5284.0, 5646.0, 5427.0, 5604.0, 5466.0, 5429.0, 5518.0, 5667.0, 5691.0, 5568.0, 5660.0, 5615.0, 5507.0, 5360.0, 5595.0, 5687.0, 5301.0, 5423.0, 5461.0, 5563.0, 5344.0, 5681.0, 5479.0, 5495.0, 5438.0, 5705.0, 5340.0, 5281.0, 5320.0, 5474.0, 5499.0, 5298.0, 5515.0, 5366.0, 5718.0, 5586.0, 5522.0, 5722.0, 5658.0, 5620.0, 5627.0, 5524.0, 5386.0, 5506.0, 5330.0, 5639.0, 5395.0, 5575.0, 5268.0, 5663.0 (number of hits: 4)
7	5500.0	9	1.0	333	1	5413.0, 5523.0, 5272.0, 5645.0, 5607.0, 5277.0, 5365.0, 5270.0, 5713.0, 5603.0, 5540.0, 5364.0, 5687.0, 5606.0, 5465.0, 5723.0, 5571.0, 5513.0, 5255.0, 5350.0, 5619.0, 5258.0, 5395.0, 5650.0, 5491.0, 5392.0, 5371.0, 5636.0, 5629.0, 5649.0, 5579.0, 5298.0, 5658.0, 5421.0, 5676.0, 5363.0, 5500.0, 5528.0, 5275.0, 5711.0, 5362.0, 5474.0, 5494.0, 5324.0, 5425.0, 5675.0, 5691.0, 5463.0, 5253.0, 5715.0, 5343.0, 5408.0, 5555.0, 5594.0, 5666.0, 5310.0, 5529.0, 5440.0, 5397.0, 5485.0, 5401.0, 5534.0, 5688.0, 5654.0, 5393.0, 5538.0, 5437.0, 5405.0, 5338.0, 5448.0, 5431.0, 5488.0, 5601.0, 5617.0, 5592.0, 5647.0, 5415.0, 5563.0, 5259.0, 5497.0, 5556.0, 5462.0, 5256.0, 5693.0, 5565.0, 5614.0, 5446.0, 5511.0, 5548.0, 5613.0, 5564.0, 5367.0, 5637.0, 5347.0, 5596.0, 5677.0, 5335.0, 5323.0, 5281.0, 5504.0 (number of hits: 5)
8	5500.0	9	1.0	333	1	5550.0, 5362.0, 5517.0, 5397.0, 5393.0, 5365.0, 5479.0, 5556.0, 5692.0, 5316.0, 5431.0, 5677.0, 5662.0, 5396.0, 5481.0, 5386.0, 5702.0, 5529.0, 5266.0, 5602.0, 5264.0, 5578.0, 5456.0, 5436.0, 5444.0, 5684.0, 5500.0, 5579.0, 5713.0, 5723.0, 5495.0, 5443.0, 5447.0, 5614.0, 5464.0, 5405.0, 5410.0, 5528.0, 5721.0, 5292.0, 5573.0, 5627.0, 5526.0, 5561.0, 5596.0, 5576.0, 5618.0, 5318.0, 5271.0, 5717.0, 5440.0, 5302.0, 5518.0, 5565.0, 5463.0, 5524.0, 5483.0, 5611.0, 5646.0, 5324.0, 5426.0, 5409.0, 5423.0, 5343.0, 5285.0, 5644.0, 5415.0, 5435.0, 5433.0, 5706.0, 5364.0, 5282.0, 5631.0, 5643.0, 5398.0, 5477.0, 5298.0, 5252.0, 5369.0, 5256.0, 5319.0, 5452.0, 5487.0, 5404.0, 5384.0, 5623.0, 5714.0, 5648.0, 5370.0, 5610.0, 5652.0, 5269.0, 5510.0, 5255.0, 5359.0, 5381.0, 5560.0, 5470.0, 5582.0, 5461.0 (number of hits: 2)
9	5500.0	9	1.0	333	1	5461.0, 5347.0, 5707.0, 5699.0, 5632.0, 5365.0, 5382.0, 5358.0, 5582.0, 5490.0, 5427.0, 5300.0, 5675.0, 5349.0, 5704.0, 5491.0, 5442.0, 5267.0, 5500.0, 5261.0, 5674.0, 5294.0, 5714.0, 5663.0, 5409.0, 5346.0, 5681.0, 5721.0, 5630.0, 5367.0, 5447.0, 5538.0, 5524.0, 5277.0, 5623.0, 5502.0, 5290.0, 5722.0, 5628.0, 5584.0, 5552.0, 5430.0, 5287.0, 5263.0, 5718.0, 5338.0, 5631.0, 5607.0, 5641.0, 5396.0, 5664.0, 5691.0, 5393.0, 5560.0, 5541.0, 5441.0, 5647.0, 5364.0, 5257.0, 5682.0, 5683.0, 5423.0, 5689.0, 5416.0, 5679.0, 5322.0, 5372.0, 5395.0, 5333.0, 5254.0, 5505.0, 5363.0, 5710.0, 5557.0, 5477.0, 5706.0, 5345.0, 5550.0, 5426.0, 5535.0, 5446.0, 5444.0, 5627.0, 5465.0, 5421.0, 5509.0, 5669.0, 5712.0, 5344.0, 5279.0, 5709.0, 5595.0, 5487.0, 5284.0, 5515.0, 5614.0,

						5479.0, 5425.0, 5527.0, 5401.0 (number of hits: 4 )
10	5500.0	9	1.0	333	1	5349.0, 5564.0, 5528.0, 5721.0, 5481.0, 5441.0, 5634.0, 5516.0, 5395.0, 5288.0, 5710.0, 5443.0, 5343.0, 5487.0, 5362.0, 5402.0, 5424.0, 5718.0, 5616.0, 5550.0, 5472.0, 5305.0, 5437.0, 5303.0, 5408.0, 5454.0, 5702.0, 5488.0, 5648.0, 5269.0, 5580.0, 5511.0, 5326.0, 5316.0, 5387.0, 5723.0, 5590.0, 5641.0, 5505.0, 5611.0, 5666.0, 5665.0, 5698.0, 5323.0, 5464.0, 5342.0, 5309.0, 5691.0, 5279.0, 5596.0, 5388.0, 5716.0, 5655.0, 5480.0, 5674.0, 5340.0, 5562.0, 5682.0, 5268.0, 5295.0, 5320.0, 5694.0, 5662.0, 5651.0, 5467.0, 5690.0, 5373.0, 5673.0, 5324.0, 5383.0, 5559.0, 5282.0, 5381.0, 5396.0, 5422.0, 5551.0, 5493.0, 5330.0, 5589.0, 5571.0, 5483.0, 5404.0, 5394.0, 5613.0, 5384.0, 5470.0, 5676.0, 5499.0, 5553.0, 5489.0, 5429.0, 5253.0, 5296.0, 5574.0, 5459.0, 5415.0, 5706.0, 5256.0, 5423.0, 5600.0 (number of hits: 3 )
11	5500.0	9	1.0	333	1	5555.0, 5563.0, 5713.0, 5556.0, 5395.0, 5513.0, 5296.0, 5693.0, 5261.0, 5494.0, 5456.0, 5588.0, 5589.0, 5587.0, 5465.0, 5554.0, 5300.0, 5662.0, 5549.0, 5580.0, 5495.0, 5350.0, 5643.0, 5583.0, 5653.0, 5459.0, 5409.0, 5528.0, 5572.0, 5357.0, 5328.0, 5305.0, 5327.0, 5564.0, 5483.0, 5682.0, 5652.0, 5471.0, 5359.0, 5360.0, 5469.0, 5686.0, 5524.0, 5441.0, 5534.0, 5434.0, 5679.0, 5575.0, 5538.0, 5374.0, 5445.0, 5676.0, 5706.0, 5301.0, 5623.0, 5290.0, 5265.0, 5457.0, 5253.0, 5490.0, 5577.0, 5633.0, 5695.0, 5665.0, 5283.0, 5569.0, 5407.0, 5353.0, 5388.0, 5344.0, 5430.0, 5604.0, 5428.0, 5546.0, 5561.0, 5438.0, 5497.0, 5391.0, 5404.0, 5496.0, 5332.0, 5422.0, 5284.0, 5352.0, 5510.0, 5680.0, 5303.0, 5333.0, 5705.0, 5293.0, 5372.0, 5454.0, 5262.0, 5658.0, 5585.0, 5307.0, 5455.0, 5531.0, 5334.0, 5345.0 (number of hits: 4 )
12	5500.0	9	1.0	333	1	5701.0, 5700.0, 5253.0, 5706.0, 5265.0, 5318.0, 5530.0, 5453.0, 5547.0, 5638.0, 5645.0, 5512.0, 5509.0, 5555.0, 5421.0, 5435.0, 5690.0, 5657.0, 5365.0, 5719.0, 5581.0, 5637.0, 5448.0, 5659.0, 5723.0, 5306.0, 5628.0, 5370.0, 5385.0, 5644.0, 5461.0, 5600.0, 5266.0, 5576.0, 5437.0, 5623.0, 5404.0, 5535.0, 5396.0, 5270.0, 5656.0, 5525.0, 5665.0, 5287.0, 5546.0, 5607.0, 5507.0, 5682.0, 5427.0, 5290.0, 5696.0, 5258.0, 5500.0, 5469.0, 5428.0, 5574.0, 5283.0, 5332.0, 5717.0, 5520.0, 5279.0, 5326.0, 5619.0, 5480.0, 5492.0, 5484.0, 5684.0, 5650.0, 5479.0, 5567.0, 5352.0, 5483.0, 5699.0, 5312.0, 5688.0, 5307.0, 5532.0, 5310.0, 5557.0, 5323.0, 5721.0, 5333.0, 5280.0, 5380.0, 5718.0, 5470.0, 5338.0, 5337.0, 5476.0, 5446.0, 5300.0, 5490.0, 5272.0, 5596.0, 5622.0, 5429.0, 5405.0, 5451.0, 5493.0, 5711.0 (number of hits: 4 )
13	5500.0	9	1.0	333	1	5598.0, 5435.0, 5649.0, 5587.0, 5428.0, 5662.0, 5471.0, 5666.0, 5543.0, 5681.0, 5528.0, 5544.0, 5521.0, 5411.0, 5539.0, 5467.0, 5284.0, 5486.0, 5403.0, 5462.0, 5383.0, 5305.0, 5386.0, 5668.0, 5385.0, 5721.0, 5278.0, 5524.0, 5555.0, 5618.0, 5391.0, 5433.0, 5375.0, 5678.0, 5534.0, 5332.0, 5351.0, 5669.0, 5630.0, 5347.0, 5256.0, 5432.0, 5645.0, 5374.0, 5340.0, 5422.0, 5553.0, 5416.0, 5288.0, 5341.0, 5576.0, 5406.0, 5695.0, 5389.0, 5331.0, 5358.0, 5646.0, 5628.0, 5338.0, 5285.0, 5689.0, 5387.0, 5394.0, 5559.0, 5530.0, 5552.0, 5676.0, 5292.0, 5561.0, 5424.0, 5512.0, 5603.0, 5478.0, 5483.0, 5452.0, 5691.0, 5600.0, 5361.0, 5352.0, 5500.0, 5538.0, 5442.0, 5631.0, 5670.0, 5363.0, 5490.0, 5466.0, 5607.0, 5624.0, 5348.0, 5627.0, 5617.0, 5453.0, 5547.0, 5639.0, 5515.0, 5605.0, 5313.0, 5353.0, 5399.0 (number of hits: 1 )
14	5500.0	9	1.0	333	1	5322.0, 5325.0, 5346.0, 5374.0, 5327.0, 5652.0, 5383.0, 5641.0, 5629.0, 5679.0, 5440.0, 5598.0, 5502.0, 5526.0, 5673.0, 5471.0, 5636.0, 5312.0, 5558.0, 5657.0, 5480.0, 5453.0, 5265.0, 5574.0, 5544.0, 5390.0, 5708.0, 5577.0, 5436.0, 5572.0, 5676.0, 5488.0, 5362.0, 5701.0, 5492.0, 5459.0, 5516.0, 5560.0, 5373.0, 5361.0, 5305.0, 5675.0, 5308.0, 5659.0, 5709.0, 5663.0, 5371.0, 5498.0, 5661.0, 5279.0, 5343.0, 5722.0, 5671.0, 5349.0, 5364.0, 5404.0, 5711.0, 5497.0, 5430.0, 5423.0, 5706.0, 5416.0, 5666.0, 5451.0,

						5465.0, 5672.0, 5294.0, 5688.0, 5350.0, 5287.0, 5381.0, 5289.0, 5550.0, 5654.0, 5674.0, 5640.0, 5616.0, 5621.0, 5523.0, 5678.0, 5643.0, 5689.0, 5439.0, 5656.0, 5406.0, 5703.0, 5542.0, 5467.0, 5481.0, 5317.0, 5389.0, 5320.0, 5588.0, 5594.0, 5298.0, 5623.0, 5391.0, 5677.0, 5531.0, 5326.0 (number of hits: 4 )
15	5500.0	9	1.0	333	1	5564.0, 5290.0, 5704.0, 5277.0, 5293.0, 5545.0, 5666.0, 5576.0, 5514.0, 5593.0, 5276.0, 5337.0, 5674.0, 5622.0, 5438.0, 5315.0, 5288.0, 5311.0, 5263.0, 5594.0, 5471.0, 5251.0, 5711.0, 5489.0, 5256.0, 5652.0, 5416.0, 5366.0, 5408.0, 5668.0, 5542.0, 5552.0, 5455.0, 5323.0, 5390.0, 5400.0, 5579.0, 5686.0, 5364.0, 5414.0, 5321.0, 5328.0, 5558.0, 5352.0, 5559.0, 5444.0, 5543.0, 5342.0, 5261.0, 5447.0, 5506.0, 5289.0, 5505.0, 5413.0, 5478.0, 5367.0, 5707.0, 5287.0, 5660.0, 5696.0, 5347.0, 5692.0, 5353.0, 5507.0, 5631.0, 5393.0, 5351.0, 5305.0, 5643.0, 5723.0, 5720.0, 5254.0, 5469.0, 5607.0, 5624.0, 5712.0, 5387.0, 5518.0, 5474.0, 5587.0, 5621.0, 5512.0, 5374.0, 5360.0, 5649.0, 5398.0, 5672.0, 5325.0, 5569.0, 5682.0, 5644.0, 5411.0, 5415.0, 5428.0, 5619.0, 5470.0, 5308.0, 5534.0, 5326.0, 5520.0 (number of hits: 3 )
16	5500.0	9	1.0	333	1	5453.0, 5568.0, 5399.0, 5676.0, 5692.0, 5393.0, 5617.0, 5611.0, 5602.0, 5306.0, 5478.0, 5684.0, 5619.0, 5661.0, 5670.0, 5312.0, 5576.0, 5544.0, 5720.0, 5302.0, 5662.0, 5686.0, 5569.0, 5448.0, 5560.0, 5490.0, 5501.0, 5526.0, 5268.0, 5429.0, 5690.0, 5525.0, 5585.0, 5616.0, 5254.0, 5723.0, 5305.0, 5400.0, 5330.0, 5706.0, 5280.0, 5537.0, 5514.0, 5412.0, 5259.0, 5647.0, 5274.0, 5333.0, 5464.0, 5352.0, 5298.0, 5688.0, 5367.0, 5606.0, 5533.0, 5649.0, 5322.0, 5709.0, 5426.0, 5319.0, 5374.0, 5572.0, 5557.0, 5555.0, 5354.0, 5320.0, 5673.0, 5419.0, 5328.0, 5256.0, 5341.0, 5604.0, 5359.0, 5615.0, 5573.0, 5498.0, 5394.0, 5492.0, 5421.0, 5704.0, 5563.0, 5547.0, 5293.0, 5614.0, 5625.0, 5579.0, 5401.0, 5307.0, 5423.0, 5414.0, 5365.0, 5721.0, 5415.0, 5435.0, 5668.0, 5262.0, 5566.0, 5300.0, 5428.0, 5646.0 (number of hits: 3 )
17	5500.0	9	1.0	333	1	5303.0, 5588.0, 5661.0, 5500.0, 5327.0, 5709.0, 5580.0, 5389.0, 5710.0, 5474.0, 5568.0, 5640.0, 5312.0, 5573.0, 5584.0, 5533.0, 5700.0, 5461.0, 5502.0, 5253.0, 5458.0, 5629.0, 5452.0, 5663.0, 5510.0, 5499.0, 5529.0, 5283.0, 5260.0, 5371.0, 5326.0, 5651.0, 5434.0, 5368.0, 5265.0, 5603.0, 5251.0, 5675.0, 5611.0, 5376.0, 5383.0, 5335.0, 5578.0, 5655.0, 5493.0, 5583.0, 5369.0, 5271.0, 5641.0, 5654.0, 5472.0, 5526.0, 5254.0, 5328.0, 5400.0, 5685.0, 5413.0, 5418.0, 5366.0, 5456.0, 5609.0, 5419.0, 5449.0, 5364.0, 5677.0, 5525.0, 5451.0, 5489.0, 5252.0, 5325.0, 5262.0, 5577.0, 5602.0, 5385.0, 5411.0, 5485.0, 5531.0, 5619.0, 5307.0, 5476.0, 5598.0, 5382.0, 5703.0, 5694.0, 5488.0, 5723.0, 5430.0, 5498.0, 5534.0, 5618.0, 5683.0, 5514.0, 5687.0, 5295.0, 5284.0, 5398.0, 5595.0, 5497.0, 5541.0, 5316.0 (number of hits: 6 )
18	5500.0	9	1.0	333	1	5714.0, 5387.0, 5661.0, 5600.0, 5458.0, 5550.0, 5468.0, 5503.0, 5567.0, 5546.0, 5494.0, 5668.0, 5537.0, 5281.0, 5477.0, 5612.0, 5534.0, 5312.0, 5492.0, 5562.0, 5325.0, 5521.0, 5539.0, 5308.0, 5309.0, 5452.0, 5632.0, 5624.0, 5706.0, 5709.0, 5361.0, 5296.0, 5674.0, 5583.0, 5489.0, 5373.0, 5407.0, 5676.0, 5447.0, 5701.0, 5290.0, 5549.0, 5431.0, 5573.0, 5640.0, 5553.0, 5267.0, 5510.0, 5505.0, 5408.0, 5291.0, 5406.0, 5343.0, 5629.0, 5671.0, 5388.0, 5547.0, 5572.0, 5542.0, 5662.0, 5569.0, 5618.0, 5645.0, 5320.0, 5509.0, 5587.0, 5658.0, 5478.0, 5628.0, 5420.0, 5264.0, 5651.0, 5712.0, 5409.0, 5596.0, 5356.0, 5269.0, 5353.0, 5538.0, 5297.0, 5460.0, 5445.0, 5470.0, 5322.0, 5490.0, 5311.0, 5391.0, 5418.0, 5563.0, 5483.0, 5700.0, 5548.0, 5544.0, 5555.0, 5675.0, 5692.0, 5529.0, 5575.0, 5379.0, 5508.0 (number of hits: 5 )
19	5500.0	9	1.0	333	1	5646.0, 5711.0, 5379.0, 5264.0, 5309.0, 5268.0, 5399.0, 5305.0, 5364.0, 5519.0, 5326.0, 5658.0, 5715.0, 5580.0, 5603.0, 5368.0, 5629.0, 5605.0, 5466.0, 5664.0, 5716.0, 5569.0, 5544.0, 5286.0, 5668.0, 5404.0, 5262.0, 5635.0, 5608.0, 5495.0, 5479.0, 5703.0,



						5652.0, 5336.0, 5559.0, 5542.0, 5610.0, 5461.0, 5463.0, 5269.0, 5508.0, 5289.0, 5589.0, 5415.0, 5527.0, 5710.0, 5618.0, 5337.0, 5624.0, 5308.0, 5709.0, 5430.0, 5356.0, 5334.0, 5391.0, 5692.0, 5604.0, 5684.0, 5643.0, 5317.0, 5541.0, 5377.0, 5686.0, 5284.0, 5483.0, 5609.0, 5523.0, 5549.0, 5285.0, 5454.0, 5394.0, 5426.0, 5562.0, 5681.0, 5662.0, 5382.0, 5584.0, 5644.0, 5420.0, 5498.0, 5677.0, 5612.0, 5613.0, 5602.0, 5693.0, 5530.0, 5571.0, 5298.0, 5457.0, 5311.0, 5413.0, 5281.0, 5252.0, 5339.0, 5357.0, 5680.0, 5270.0, 5441.0, 5511.0, 5586.0 (number of hits: 3)
20	5500.0	9	1.0	333	1	5280.0, 5585.0, 5611.0, 5326.0, 5711.0, 5532.0, 5706.0, 5519.0, 5577.0, 5314.0, 5391.0, 5683.0, 5720.0, 5687.0, 5378.0, 5646.0, 5477.0, 5252.0, 5559.0, 5361.0, 5680.0, 5622.0, 5564.0, 5448.0, 5312.0, 5368.0, 5494.0, 5317.0, 5602.0, 5583.0, 5498.0, 5388.0, 5455.0, 5718.0, 5418.0, 5318.0, 5634.0, 5489.0, 5458.0, 5292.0, 5716.0, 5457.0, 5523.0, 5331.0, 5324.0, 5589.0, 5399.0, 5484.0, 5691.0, 5366.0, 5462.0, 5684.0, 5584.0, 5377.0, 5700.0, 5395.0, 5593.0, 5470.0, 5582.0, 5423.0, 5682.0, 5518.0, 5592.0, 5562.0, 5629.0, 5363.0, 5617.0, 5552.0, 5422.0, 5261.0, 5364.0, 5347.0, 5557.0, 5591.0, 5614.0, 5661.0, 5709.0, 5424.0, 5618.0, 5440.0, 5402.0, 5325.0, 5663.0, 5717.0, 5304.0, 5371.0, 5365.0, 5288.0, 5323.0, 5571.0, 5686.0, 5648.0, 5578.0, 5407.0, 5434.0, 5573.0, 5650.0, 5267.0, 5544.0, 5561.0 (number of hits: 2)
21	5500.0	9	1.0	333	1	5499.0, 5455.0, 5488.0, 5388.0, 5323.0, 5279.0, 5448.0, 5687.0, 5292.0, 5527.0, 5269.0, 5259.0, 5703.0, 5510.0, 5614.0, 5472.0, 5307.0, 5263.0, 5495.0, 5492.0, 5277.0, 5578.0, 5364.0, 5453.0, 5598.0, 5509.0, 5651.0, 5711.0, 5389.0, 5485.0, 5605.0, 5257.0, 5633.0, 5596.0, 5676.0, 5577.0, 5542.0, 5426.0, 5652.0, 5639.0, 5386.0, 5717.0, 5440.0, 5643.0, 5679.0, 5446.0, 5484.0, 5343.0, 5265.0, 5395.0, 5415.0, 5722.0, 5281.0, 5425.0, 5503.0, 5640.0, 5556.0, 5721.0, 5602.0, 5673.0, 5296.0, 5665.0, 5684.0, 5383.0, 5273.0, 5649.0, 5597.0, 5682.0, 5512.0, 5538.0, 5715.0, 5289.0, 5431.0, 5680.0, 5352.0, 5272.0, 5658.0, 5449.0, 5313.0, 5280.0, 5644.0, 5468.0, 5297.0, 5311.0, 5522.0, 5432.0, 5299.0, 5473.0, 5622.0, 5600.0, 5491.0, 5704.0, 5710.0, 5270.0, 5647.0, 5253.0, 5565.0, 5478.0, 5489.0, 5521.0 (number of hits: 5)
22	5500.0	9	1.0	333	1	5390.0, 5275.0, 5332.0, 5584.0, 5454.0, 5253.0, 5311.0, 5296.0, 5718.0, 5557.0, 5323.0, 5675.0, 5724.0, 5279.0, 5304.0, 5696.0, 5519.0, 5674.0, 5514.0, 5394.0, 5508.0, 5649.0, 5351.0, 5624.0, 5554.0, 5671.0, 5520.0, 5255.0, 5547.0, 5694.0, 5697.0, 5681.0, 5606.0, 5400.0, 5475.0, 5691.0, 5540.0, 5711.0, 5269.0, 5700.0, 5608.0, 5655.0, 5280.0, 5549.0, 5664.0, 5719.0, 5405.0, 5446.0, 5570.0, 5444.0, 5300.0, 5348.0, 5507.0, 5431.0, 5610.0, 5560.0, 5605.0, 5261.0, 5558.0, 5650.0, 5602.0, 5646.0, 5509.0, 5418.0, 5429.0, 5366.0, 5715.0, 5692.0, 5556.0, 5478.0, 5276.0, 5523.0, 5378.0, 5622.0, 5619.0, 5425.0, 5601.0, 5686.0, 5316.0, 5517.0, 5633.0, 5470.0, 5539.0, 5342.0, 5695.0, 5585.0, 5483.0, 5472.0, 5271.0, 5653.0, 5528.0, 5363.0, 5461.0, 5481.0, 5611.0, 5545.0, 5490.0, 5538.0, 5496.0, 5705.0 (number of hits: 3)
23	5500.0	9	1.0	333	1	5647.0, 5618.0, 5619.0, 5440.0, 5307.0, 5555.0, 5395.0, 5261.0, 5668.0, 5343.0, 5534.0, 5370.0, 5386.0, 5717.0, 5391.0, 5496.0, 5358.0, 5390.0, 5470.0, 5623.0, 5663.0, 5411.0, 5356.0, 5303.0, 5512.0, 5604.0, 5497.0, 5653.0, 5721.0, 5615.0, 5327.0, 5460.0, 5456.0, 5560.0, 5336.0, 5469.0, 5465.0, 5508.0, 5457.0, 5308.0, 5342.0, 5371.0, 5349.0, 5703.0, 5607.0, 5407.0, 5622.0, 5506.0, 5670.0, 5662.0, 5523.0, 5352.0, 5720.0, 5422.0, 5535.0, 5709.0, 5507.0, 5400.0, 5257.0, 5448.0, 5527.0, 5627.0, 5511.0, 5367.0, 5474.0, 5292.0, 5368.0, 5380.0, 5564.0, 5542.0, 5310.0, 5416.0, 5661.0, 5266.0, 5679.0, 5428.0, 5492.0, 5269.0, 5592.0, 5521.0, 5426.0, 5458.0, 5423.0, 5438.0, 5613.0, 5481.0, 5451.0, 5325.0, 5634.0, 5405.0, 5300.0, 5518.0, 5687.0, 5712.0, 5593.0, 5650.0, 5406.0, 5431.0, 5666.0, 5334.0 (number of hits: 6)

24	5500.0	9	1.0	333	1	5544.0, 5578.0, 5334.0, 5359.0, 5716.0, 5408.0, 5636.0, 5693.0, 5687.0, 5273.0, 5700.0, 5601.0, 5713.0, 5596.0, 5652.0, 5363.0, 5470.0, 5318.0, 5708.0, 5382.0, 5456.0, 5533.0, 5434.0, 5720.0, 5403.0, 5719.0, 5418.0, 5526.0, 5650.0, 5453.0, 5477.0, 5675.0, 5590.0, 5264.0, 5464.0, 5300.0, 5494.0, 5569.0, 5573.0, 5493.0, 5426.0, 5279.0, 5447.0, 5575.0, 5461.0, 5251.0, 5686.0, 5455.0, 5267.0, 5276.0, 5582.0, 5522.0, 5625.0, 5342.0, 5486.0, 5458.0, 5280.0, 5400.0, 5259.0, 5648.0, 5680.0, 5386.0, 5454.0, 5619.0, 5392.0, 5479.0, 5584.0, 5404.0, 5321.0, 5330.0, 5560.0, 5379.0, 5583.0, 5371.0, 5260.0, 5443.0, 5310.0, 5510.0, 5424.0, 5653.0, 5368.0, 5406.0, 5324.0, 5289.0, 5514.0, 5281.0, 5299.0, 5518.0, 5372.0, 5502.0, 5287.0, 5642.0, 5432.0, 5600.0, 5694.0, 5662.0, 5347.0, 5376.0, 5547.0, 5459.0 (number of hits: 3 )
25	5500.0	9	1.0	333	1	5539.0, 5629.0, 5507.0, 5421.0, 5358.0, 5368.0, 5552.0, 5286.0, 5705.0, 5397.0, 5517.0, 5363.0, 5625.0, 5356.0, 5536.0, 5649.0, 5631.0, 5713.0, 5301.0, 5316.0, 5720.0, 5297.0, 5447.0, 5401.0, 5535.0, 5499.0, 5340.0, 5255.0, 5330.0, 5348.0, 5295.0, 5440.0, 5481.0, 5601.0, 5362.0, 5405.0, 5454.0, 5310.0, 5463.0, 5432.0, 5355.0, 5679.0, 5618.0, 5550.0, 5354.0, 5686.0, 5409.0, 5519.0, 5437.0, 5312.0, 5431.0, 5619.0, 5327.0, 5276.0, 5500.0, 5595.0, 5441.0, 5502.0, 5468.0, 5452.0, 5572.0, 5554.0, 5538.0, 5375.0, 5434.0, 5518.0, 5570.0, 5564.0, 5357.0, 5612.0, 5670.0, 5701.0, 5620.0, 5268.0, 5639.0, 5715.0, 5336.0, 5279.0, 5449.0, 5482.0, 5385.0, 5580.0, 5579.0, 5644.0, 5710.0, 5433.0, 5456.0, 5717.0, 5288.0, 5263.0, 5302.0, 5597.0, 5494.0, 5489.0, 5590.0, 5383.0, 5537.0, 5556.0, 5391.0, 5324.0 (number of hits: 5 )
26	5500.0	9	1.0	333	1	5374.0, 5315.0, 5710.0, 5698.0, 5255.0, 5650.0, 5411.0, 5704.0, 5332.0, 5623.0, 5407.0, 5599.0, 5338.0, 5302.0, 5273.0, 5323.0, 5387.0, 5597.0, 5318.0, 5342.0, 5497.0, 5419.0, 5645.0, 5670.0, 5459.0, 5573.0, 5495.0, 5666.0, 5543.0, 5616.0, 5354.0, 5636.0, 5380.0, 5394.0, 5390.0, 5253.0, 5294.0, 5534.0, 5564.0, 5549.0, 5536.0, 5508.0, 5452.0, 5522.0, 5632.0, 5307.0, 5519.0, 5340.0, 5373.0, 5608.0, 5348.0, 5654.0, 5368.0, 5398.0, 5643.0, 5276.0, 5463.0, 5513.0, 5451.0, 5449.0, 5525.0, 5690.0, 5316.0, 5649.0, 5702.0, 5484.0, 5584.0, 5403.0, 5510.0, 5523.0, 5641.0, 5496.0, 5588.0, 5381.0, 5646.0, 5279.0, 5547.0, 5346.0, 5384.0, 5712.0, 5671.0, 5663.0, 5266.0, 5326.0, 5516.0, 5252.0, 5283.0, 5556.0, 5355.0, 5414.0, 5593.0, 5367.0, 5467.0, 5617.0, 5539.0, 5439.0, 5618.0, 5651.0, 5502.0, 5560.0 (number of hits: 5 )
27	5500.0	9	1.0	333	1	5300.0, 5392.0, 5350.0, 5285.0, 5380.0, 5251.0, 5495.0, 5384.0, 5652.0, 5594.0, 5632.0, 5570.0, 5330.0, 5353.0, 5590.0, 5679.0, 5602.0, 5605.0, 5636.0, 5265.0, 5510.0, 5401.0, 5448.0, 5527.0, 5698.0, 5470.0, 5468.0, 5705.0, 5260.0, 5445.0, 5458.0, 5398.0, 5693.0, 5407.0, 5284.0, 5513.0, 5309.0, 5620.0, 5335.0, 5366.0, 5582.0, 5699.0, 5253.0, 5456.0, 5567.0, 5628.0, 5501.0, 5297.0, 5370.0, 5424.0, 5642.0, 5614.0, 5685.0, 5341.0, 5540.0, 5616.0, 5477.0, 5587.0, 5597.0, 5452.0, 5629.0, 5482.0, 5334.0, 5399.0, 5646.0, 5321.0, 5661.0, 5289.0, 5543.0, 5604.0, 5455.0, 5451.0, 5425.0, 5443.0, 5442.0, 5303.0, 5612.0, 5467.0, 5288.0, 5593.0, 5615.0, 5489.0, 5423.0, 5702.0, 5559.0, 5529.0, 5282.0, 5462.0, 5416.0, 5465.0, 5493.0, 5408.0, 5474.0, 5403.0, 5595.0, 5275.0, 5349.0, 5653.0, 5518.0, 5622.0 (number of hits: 3 )
28	5500.0	9	1.0	333	0	
29	5500.0	9	1.0	333	1	5340.0, 5544.0, 5392.0, 5413.0, 5662.0, 5416.0, 5601.0, 5574.0, 5674.0, 5459.0, 5528.0, 5540.0, 5464.0, 5636.0, 5282.0, 5319.0, 5701.0, 5682.0, 5590.0, 5261.0, 5277.0, 5366.0, 5533.0, 5642.0, 5284.0, 5463.0, 5690.0, 5646.0, 5266.0, 5605.0, 5264.0, 5323.0, 5623.0, 5708.0, 5541.0, 5616.0, 5677.0, 5691.0, 5514.0, 5336.0, 5479.0, 5497.0, 5365.0, 5276.0, 5385.0, 5291.0, 5562.0, 5501.0, 5696.0, 5567.0, 5431.0, 5295.0, 5474.0, 5705.0, 5706.0, 5565.0, 5685.0, 5578.0, 5402.0, 5398.0, 5316.0, 5663.0, 5551.0, 5410.0,

						5650.0, 5350.0, 5441.0, 5415.0, 5298.0, 5689.0, 5351.0, 5506.0, 5614.0, 5668.0, 5476.0, 5549.0, 5468.0, 5612.0, 5391.0, 5675.0, 5676.0, 5704.0, 5641.0, 5488.0, 5489.0, 5280.0, 5337.0, 5664.0, 5364.0, 5253.0, 5352.0, 5498.0, 5500.0, 5469.0, 5624.0, 5659.0, 5692.0, 5557.0, 5330.0, 5635.0 (number of hits: 5 )
30	5500.0	9	1.0	333	1	5289.0, 5523.0, 5612.0, 5646.0, 5419.0, 5685.0, 5251.0, 5301.0, 5577.0, 5308.0, 5501.0, 5498.0, 5354.0, 5562.0, 5263.0, 5579.0, 5628.0, 5571.0, 5373.0, 5668.0, 5431.0, 5462.0, 5368.0, 5453.0, 5629.0, 5533.0, 5570.0, 5514.0, 5657.0, 5324.0, 5403.0, 5353.0, 5578.0, 5620.0, 5456.0, 5252.0, 5576.0, 5507.0, 5619.0, 5439.0, 5607.0, 5429.0, 5624.0, 5448.0, 5363.0, 5667.0, 5631.0, 5563.0, 5495.0, 5322.0, 5371.0, 5555.0, 5394.0, 5557.0, 5702.0, 5641.0, 5574.0, 5399.0, 5575.0, 5566.0, 5374.0, 5270.0, 5709.0, 5706.0, 5276.0, 5475.0, 5336.0, 5569.0, 5469.0, 5636.0, 5466.0, 5461.0, 5470.0, 5268.0, 5271.0, 5722.0, 5325.0, 5411.0, 5381.0, 5596.0, 5335.0, 5681.0, 5511.0, 5606.0, 5643.0, 5705.0, 5285.0, 5264.0, 5390.0, 5337.0, 5517.0, 5467.0, 5508.0, 5590.0, 5564.0, 5589.0, 5282.0, 5703.0, 5644.0, 5535.0 (number of hits: 5 )

**P2P Mode  
Iron Radio****5510 MHz, 40 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	96.7 %	60%	Pass
<b>Type 2</b>	30	83.3 %	60%	Pass
<b>Type 3</b>	30	73.3 %	60%	Pass
<b>Type 4</b>	30	86.7 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	85 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	18	1.0	3066	1
2	78	1.0	678	1
3	67	1.0	798	1
4	70	1.0	758	1
5	76	1.0	698	1
6	99	1.0	538	1
7	81	1.0	658	1
8	92	1.0	578	1
9	102	1.0	518	1
10	89	1.0	598	1
11	72	1.0	738	1
12	68	1.0	778	1
13	74	1.0	718	0
14	86	1.0	618	1
15	83	1.0	638	1
16	21	1.0	2520	1
17	28	1.0	1937	1
18	23	1.0	2316	1
19	46	1.0	1149	1
20	20	1.0	2654	1
21	46	1.0	1171	1
22	20	1.0	2656	1
23	22	1.0	2416	1
24	25	1.0	2167	1
25	70	1.0	762	1
26	25	1.0	2183	1
27	26	1.0	2071	1
28	33	1.0	1640	1
29	22	1.0	2484	1
30	21	1.0	2532	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	27	2.8	217	1
2	23	1.0	152	0
3	28	2.0	185	1
4	28	3.4	155	1
5	23	1.8	202	1
6	25	5.0	204	1
7	23	4.5	154	1
8	28	2.3	187	1
9	27	3.2	180	1
10	26	4.2	191	1
11	25	3.8	179	1
12	27	1.8	172	1
13	24	3.3	217	0
14	28	2.1	158	1
15	24	1.4	214	1
16	26	1.2	208	0
17	26	3.5	183	1
18	26	4.0	170	1
19	23	2.8	226	0
20	24	4.2	214	1
21	23	1.4	213	1
22	28	5.0	179	1
23	25	4.4	173	1
24	27	1.8	186	1
25	28	2.5	151	1
26	29	4.1	174	1
27	24	2.8	156	1
28	24	1.7	196	1
29	28	2.3	225	1
30	27	2.0	224	0
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	16	8.2	379	0
2	18	10.0	289	1
3	18	7.5	480	1
4	16	10.0	426	0
5	18	7.3	382	1
6	16	9.0	375	1
7	16	7.1	450	1
8	18	8.4	216	1
9	16	9.5	465	1
10	16	8.7	297	0
11	16	6.6	348	1
12	17	6.4	347	1
13	16	9.8	472	0
14	17	8.3	302	1
15	18	6.9	251	1
16	18	8.6	372	0
17	16	9.6	462	0
18	16	9.4	434	1
19	16	6.1	495	1
20	17	10.0	292	1
21	18	8.9	275	1
22	17	7.6	469	0
23	16	7.2	352	1
24	16	9.7	203	1
25	16	8.4	341	1
26	18	8.1	212	1
27	16	8.6	275	0
28	18	7.8	222	1
29	17	9.1	492	1
30	16	8.5	464	1
<b>Detection Percentage: 73.3 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	15	11.9	411	1
2	16	13.9	303	1
3	15	17.4	421	1
4	12	12.9	442	1
5	14	16.7	328	1
6	12	16.7	489	0
7	12	16.9	250	1
8	16	15.7	404	1
9	12	19.9	415	1
10	16	20.0	206	1
11	15	17.3	398	1
12	15	14.5	488	1
13	15	16.6	460	0
14	13	13.0	470	1
15	16	14.3	203	1
16	15	18.4	353	1
17	12	11.5	355	1
18	14	15.0	396	1
19	12	13.4	211	1
20	13	19.1	440	1
21	15	16.3	235	1
22	16	18.6	314	1
23	15	19.1	216	1
24	15	13.5	265	0
25	14	13.2	242	1
26	16	19.5	306	1
27	15	14.7	385	1
28	16	19.2	315	1
29	14	16.1	319	0
30	13	17.8	234	1
<b>Detection Percentage: 86.7 % (&gt;60%)</b>				



**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5510	1
2	5510	1
3	5510	1
4	5510	1
5	5510	1
6	5510	1
7	5510	1
8	5510	1
9	5510	1
10	5510	1
11	5498.3	1
12	5495.1	1
13	5495.5	1
14	5499.1	1
15	5496.3	1
16	5495.9	1
17	5495.1	1
18	5496.7	1
19	5496.7	1
20	5498.7	1
21	5525.7	1
22	5521.3	1
23	5523.3	1
24	5525.7	1
25	5524.5	1
26	5520.9	1
27	5524.1	1
28	5521.3	1
29	5523.7	1
30	5525.3	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	65.5			0.409622	1
1	2	11	98.4	1480		0.944904	
2	3	11	96.0	1087	1551	1.796777	
3	2	11	80.9	1143		2.613318	
4	2	11	52.8	1569		3.986826	
5	2	11	67.1	1193		4.025349	
6	2	11	64.2	1527		5.272454	
7	3	11	97.7	1229	1155	5.628355	
8	1	11	86.5			6.459926	
9	2	11	64.3	1587		7.478714	
10	3	11	55.1	1098	1182	8.676481	
11	1	11	53.7			8.936375	
12	2	11	54.3	1714		10.115460	
13	3	11	70.1	1719	1634	11.057740	
14	1	11	59.5			11.542885	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	92.2			0.486569	1
1	2	7	87.6	1384		0.896983	
2	3	7	75.7	1060	1571	1.670558	
3	2	7	72.9	1445		2.101320	
4	2	7	55.1	1938		2.739625	
5	3	7	88.0	1876	1996	3.625250	
6	2	7	99.8	1309		4.502599	
7	2	7	71.7	1682		4.688600	
8	2	7	78.1	1759		5.547164	
9	2	7	94.3	1643		6.660569	
10	1	7	73.8			7.159145	
11	1	7	99.4			7.964057	
12	1	7	58.5			8.043936	
13	2	7	68.9	1145		8.832015	
14	1	7	64.2			9.598743	
15	3	7	63.3	1269	1276	10.217128	
16	2	7	88.7	1362		11.087583	
17	3	7	98.7	1392	1834	11.406173	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	81.4	1932		0.574696	1
1	3	11	72.7	1713	1505	0.791668	
2	1	11	99.4			1.446768	
3	2	11	93.9	1511		2.132295	
4	2	11	85.2	1218		3.269015	
5	3	11	86.7	1679	1519	4.080242	
6	1	11	83.1			4.877989	
7	3	11	75.8	1091	1946	5.199210	
8	2	11	83.9	1902		6.019229	
9	1	11	74.9			6.547151	
10	1	11	99.4			7.272686	
11	1	11	71.8			7.874332	
12	3	11	69.8	1641	1961	8.563476	
13	2	11	90.6	1593		9.506847	
14	1	11	78.9			10.173202	
15	3	11	66.9	1770	1979	11.161676	
16	2	11	59.0	1508		11.586356	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	56.5	1473	1042	0.681332	1
1	1	14	99.8			2.310858	
2	2	14	94.2	1057		2.601707	
3	2	14	96.3	1490		3.900585	
4	2	14	74.0	1885		5.638655	
5	3	14	65.4	1431	1235	6.348609	
6	3	14	83.8	1365	1693	7.338424	
7	2	14	66.9	1644		9.161341	
8	1	14	96.1			10.048660	
9	3	14	79.3	1957	1130	11.771396	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	87.0	1912		0.128764	1
1	1	12	90.3			1.361927	
2	2	12	63.7	1450		3.639683	
3	1	12	61.1			4.489044	
4	1	12	70.5			6.109169	
5	3	12	71.7	1850	1074	7.890065	
6	1	12	82.6			8.893369	
7	3	12	85.2	1176	1625	10.329385	
8	1	12	98.7			11.529906	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	65.9			0.154526	1
1	2	15	86.9	1421		1.183027	
2	1	15	95.0			2.394636	
3	2	15	95.2	1367		2.941118	
4	2	15	99.3	1550		3.753241	
5	1	15	90.3			4.726784	
6	3	15	97.1	1865	1194	5.281596	
7	3	15	57.2	1349	1497	6.204835	
8	1	15	98.9			7.251745	
9	1	15	59.2			7.883351	
10	1	15	52.3			9.392814	
11	1	15	86.5			9.542097	
12	1	15	65.1			10.567250	
13	3	15	75.7	1198	1680	11.535249	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	89.9			0.111084	1
1	1	12	50.7			0.685070	
2	2	12	94.0	1325		1.505329	
3	2	12	83.1	1984		2.392087	
4	2	12	99.4	1065		3.267190	
5	2	12	78.4	1322		3.928807	
6	2	12	96.8	1310		4.232032	
7	3	12	53.7	1109	1231	4.963800	
8	3	12	74.7	1754	1883	5.494584	
9	2	12	86.9	1661		6.064485	
10	1	12	58.9			7.063370	
11	2	12	73.7	1451		7.893535	
12	2	12	65.8	1951		8.410734	
13	2	12	61.8	1432		9.160397	
14	1	12	68.3			9.895756	
15	1	12	70.5			10.022295	
16	3	12	99.1	1431	1203	11.200953	
17	1	12	81.5			11.629860	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	93.5	1703	1470	0.377584	1
1	3	9	91.6	1599	1569	1.490816	
2	1	9	87.9			1.854650	
3	1	9	89.3			2.579696	
4	1	9	95.7			3.279153	
5	2	9	92.7	1115		4.331282	
6	2	9	68.2	1258		5.497765	
7	2	9	88.7	1929		6.028251	
8	2	9	55.4	1877		6.764282	
9	1	9	51.5			7.328305	
10	2	9	90.6	1172		8.767304	
11	2	9	95.4	1900		8.981252	
12	2	9	82.6	1465		10.294007	
13	2	9	57.1	1750		10.577569	
14	1	9	57.5			11.694674	

## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	79.5			0.425049	1
1	2	15	52.2	1677		1.204005	
2	1	15	52.0			1.944997	
3	2	15	54.7	1588		3.399954	
4	2	15	79.6	1540		4.055359	
5	1	15	78.2			4.676844	
6	2	15	80.5	1519		5.546392	
7	1	15	62.6			6.585811	
8	3	15	88.0	1182	1995	7.096781	
9	1	15	85.5			8.071424	
10	2	15	58.6	1505		8.827893	
11	1	15	72.9			9.448211	
12	2	15	62.4	1245		10.667363	
13	1	15	92.1			11.766461	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	54.1	1953		0.693607	1
1	1	7	68.3			1.079967	
2	1	7	59.2			2.397095	
3	2	7	93.1	1206		3.663028	
4	3	7	94.5	1165	1885	3.913361	
5	2	7	54.6	1906		5.090993	
6	3	7	72.3	1927	1188	5.775619	
7	1	7	67.2			6.967794	
8	3	7	55.9	1380	1621	8.148798	
9	1	7	86.1			8.956109	
10	2	7	78.9	1924		9.931586	
11	2	7	97.8	1975		10.499039	
12	2	7	52.8	1537		11.684823	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	70.0	1675		0.447719	1
1	2	17	82.2	1929		1.501305	
2	2	17	81.2	1881		2.907432	
3	2	17	91.4	1726		3.731364	
4	3	17	96.2	1699	1195	5.178627	
5	2	17	78.9	1705		5.457583	
6	2	17	56.9	1195		6.672066	
7	1	17	70.4			8.288944	
8	1	17	78.8			8.816134	
9	3	17	73.9	1607	1042	10.443713	
10	3	17	74.4	1784	1150	11.606829	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	61.4			0.475878	1
1	3	9	69.2	1800	1391	1.270486	
2	2	9	83.8	1415		3.463458	
3	2	9	67.9	1918		4.586869	
4	3	9	77.5	1448	1456	5.497500	
5	1	9	84.8			6.931303	
6	3	9	55.7	1673	1042	7.978880	
7	2	9	75.5	1065		8.929161	
8	2	9	70.4	1677		10.236869	
9	1	9	55.3			11.494956	



## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	65.6	1436		0.131584	1
1	2	10	100.0	1770		1.934016	
2	3	10	64.3	1549	1662	4.473219	
3	2	10	79.9	1460		4.928914	
4	2	10	55.0	1956		6.216610	
5	2	10	54.6	1575		8.451930	
6	2	10	80.7	1660		9.828496	
7	2	10	72.3	1668		11.944880	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	55.9	1014	1792	0.169289	1
1	1	19	80.6			1.080427	
2	1	19	71.2			1.689504	
3	3	19	50.2	1206	1286	2.087421	
4	2	19	72.8	1116		2.875943	
5	3	19	54.8	1578	1360	3.310579	
6	2	19	58.8	1562		3.601242	
7	1	19	86.6			4.504918	
8	1	19	84.6			5.161780	
9	2	19	51.1	1726		5.515280	
10	1	19	64.1			6.022444	
11	1	19	84.5			6.720442	
12	1	19	79.8			7.200077	
13	1	19	76.1			8.303326	
14	2	19	76.4	1458		8.914543	
15	3	19	89.7	1481	1445	9.550033	
16	3	19	72.1	1701	1569	9.884573	
17	3	19	64.1	1043	1530	10.235254	
18	2	19	99.9	1686		11.242925	
19	1	19	62.1			11.955453	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	94.2	1668	1970	0.339920	1
1	3	12	73.9	1800	1476	1.315194	
2	2	12	56.9	1491		2.045386	
3	1	12	65.2			2.754038	
4	1	12	81.0			3.183863	
5	3	12	99.6	1394	1025	3.995725	
6	1	12	87.0			4.490613	
7	3	12	67.6	1913	1420	5.316744	
8	3	12	78.7	1313	1872	5.740009	
9	2	12	94.2	1052		6.610660	
10	3	12	88.4	1894	1195	7.685526	
11	2	12	96.7	1950		7.862328	
12	3	12	76.6	1477	1649	8.874509	
13	2	12	63.0	1443		9.498124	
14	2	12	60.4	1316		10.428485	
15	2	12	90.6	1996		11.265714	
16	2	12	96.8	1161		11.815235	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	71.6	1760	1263	0.968341	1
1	1	11	97.9			1.237665	
2	2	11	89.9	1963		2.217790	
3	2	11	72.9	1851		4.208331	
4	3	11	90.0	1565	1986	4.819757	
5	2	11	83.9	1631		6.526054	
6	2	11	54.7	1209		7.407306	
7	2	11	62.8	1532		8.309660	
8	2	11	83.9	1111		8.842377	
9	3	11	79.9	1379	1525	10.568681	
10	2	11	77.3	1567		11.287398	

## Bin5 Statistics 17

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	3	9	99.7	1343	1730	0.295206	1
1	2	9	93.8	1813		0.693108	
2	1	9	82.9			1.408845	
3	2	9	78.7	1443		2.612183	
4	2	9	70.6	1137		3.034187	
5	1	9	74.9			3.961573	
6	1	9	98.1			4.550825	
7	1	9	58.4			5.012415	
8	3	9	70.6	1453	1343	5.537016	
9	2	9	76.7	1391		6.466823	
10	3	9	95.3	1845	1890	6.904997	
11	1	9	62.7			7.949236	
12	2	9	88.9	1097		8.067948	
13	2	9	79.8	1494		8.841870	
14	3	9	68.3	1483	1792	9.863324	
15	2	9	77.2	1443		10.060559	
16	1	9	97.7			10.740398	
17	3	9	89.3	1147	1949	11.657443	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	94.8			0.470322	1
1	3	13	59.7	1801	1971	0.768538	
2	2	13	86.0	1795		1.680956	
3	2	13	67.5	1529		2.058398	
4	1	13	90.4			3.131621	
5	1	13	51.4			3.390554	
6	2	13	96.9	1915		4.263134	
7	2	13	61.8	1504		4.958190	
8	2	13	60.2	1135		5.485870	
9	2	13	90.5	1167		5.744034	
10	1	13	54.7			6.835011	
11	2	13	97.2	1763		7.039443	
12	1	13	99.3			7.876524	
13	3	13	92.1	1663	1947	8.775799	
14	3	13	64.9	1770	1678	9.155889	
15	1	13	85.6			9.753785	
16	2	13	67.5	1039		10.304172	
17	3	13	86.9	1622	1996	10.864228	
18	3	13	93.2	1940	1961	11.749810	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	75.4	1150		0.128066	1
1	2	13	67.8	1052		0.767621	
2	3	13	62.5	1808	1624	1.632209	
3	1	13	85.1			2.579979	
4	2	13	82.5	1643		3.155235	
5	2	13	80.0	1695		4.372712	
6	1	13	99.1			4.888277	
7	2	13	91.1	1477		5.817911	
8	3	13	65.3	1951	1496	6.361580	
9	2	13	99.4	1603		6.767566	
10	3	13	70.1	1842	1463	7.687313	
11	3	13	67.1	1594	1693	8.928638	
12	2	13	90.3	1804		9.438363	
13	2	13	54.3	1351		10.261721	
14	3	13	91.6	1012	1854	10.906723	
15	2	13	87.6	1335		11.427318	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	82.2	1367	1844	0.294189	1
1	2	18	61.1	1382		1.766609	
2	2	18	74.3	1642		2.573210	
3	2	18	50.1	1307		3.138197	
4	1	18	83.0			4.518679	
5	1	18	73.6			4.883350	
6	1	18	63.6			5.599615	
7	2	18	91.5	1604		6.474104	
8	1	18	89.6			8.005577	
9	1	18	90.1			9.175358	
10	2	18	68.4	1496		9.799714	
11	2	18	92.4	1467		10.481258	
12	1	18	90.6			11.849125	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	63.0			0.086744	1
1	2	7	96.2	1018		1.081439	
2	2	7	55.9	1742		1.526803	
3	2	7	55.1	1723		2.554772	
4	3	7	92.8	1126	1450	3.002591	
5	3	7	91.4	1090	1787	4.088492	
6	1	7	50.2			4.879472	
7	3	7	51.2	1793	1806	5.463931	
8	2	7	93.3	1645		5.903090	
9	1	7	77.2			6.463493	
10	1	7	74.3			7.380980	
11	2	7	76.6	1733		7.896787	
12	2	7	89.1	1600		8.747445	
13	2	7	71.0	1948		9.874187	
14	1	7	93.4			10.106516	
15	3	7	51.7	1016	1785	11.243254	
16	3	7	71.9	1914	1006	11.908453	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	55.2	1344		0.990068	1
1	3	18	78.8	1985	1358	1.269452	
2	1	18	99.5			2.552091	
3	1	18	97.1			3.289910	
4	2	18	50.7	1516		4.078888	
5	2	18	58.7	1644		5.330618	
6	2	18	83.1	1433		6.619780	
7	1	18	83.8			7.150467	
8	1	18	94.4			8.742953	
9	3	18	84.9	1682	1335	9.659483	
10	2	18	74.1	1025		10.485684	
11	2	18	60.2	1845		11.107230	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	67.0	1428	1271	0.354934	1
1	3	13	56.1	1200	1169	1.152977	
2	2	13	98.0	1594		1.285516	
3	3	13	77.5	1812	1766	2.025752	
4	2	13	69.8	1480		2.702791	
5	1	13	74.7			3.238096	
6	3	13	65.2	1357	1730	3.896282	
7	3	13	61.9	1807	1099	4.588930	
8	3	13	64.9	1289	1108	5.025957	
9	3	13	92.4	1796	1673	5.537913	
10	3	13	99.3	1276	1827	6.054451	
11	3	13	88.4	1779	1600	6.917414	
12	3	13	68.1	1806	1742	7.224643	
13	2	13	68.9	1739		8.166026	
14	1	13	99.1			8.407494	
15	2	13	64.6	1696		9.274700	
16	2	13	87.8	1374		9.723789	
17	1	13	71.2			10.566552	
18	1	13	79.1			10.828605	
19	3	13	65.3	1448	1448	11.905188	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	83.7	1900		1.126330	1
1	2	7	52.4	1496		2.391576	
2	1	7	99.4			2.831469	
3	3	7	93.0	1990	1285	4.692864	
4	1	7	66.9			6.204040	
5	2	7	67.5	1796		7.955795	
6	2	7	88.1	1503		8.233369	
7	3	7	68.1	1772	1601	10.654943	
8	2	7	69.1	1991		11.484185	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	89.3			0.383403	1
1	2	10	91.1	1642		0.761240	
2	2	10	91.7	1547		1.294335	
3	2	10	69.7	1379		2.361382	
4	1	10	55.7			2.858455	
5	3	10	83.9	1015	1440	3.718224	
6	2	10	52.3	1706		4.121158	
7	3	10	70.1	1898	1536	4.989788	
8	2	10	91.4	1674		5.196049	
9	2	10	95.0	1307		6.049477	
10	2	10	55.1	1499		6.859995	
11	2	10	99.2	1960		7.117674	
12	3	10	71.0	1321	1961	8.181015	
13	2	10	72.0	1641		8.252543	
14	1	10	58.0			9.095158	
15	3	10	64.6	1280	1506	10.085898	
16	2	10	94.6	1936		10.171898	
17	2	10	79.8	1483		11.196212	
18	3	10	77.4	1258	1544	11.439019	



## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	94.0	1774		0.473186	1
1	2	19	77.2	1062		2.341269	
2	1	19	87.8			3.183278	
3	2	19	76.1	1243		4.501685	
4	2	19	87.7	1500		5.835080	
5	1	19	77.0			7.002035	
6	3	19	66.1	1955	1905	9.248138	
7	3	19	59.0	1442	1509	10.594602	
8	3	19	69.8	1475	1636	11.544861	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	54.8	1495		0.668676	1
1	2	11	66.1	1008		2.253898	
2	2	11	76.4	1682		2.713744	
3	3	11	50.5	1497	1584	4.639804	
4	2	11	55.1	1743		5.816351	
5	2	11	88.1	1540		6.001445	
6	2	11	95.6	1377		8.308176	
7	2	11	72.6	1669		8.577755	
8	2	11	63.0	1788		10.702275	
9	1	11	87.7			11.797420	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	76.8	1909		0.267715	1
1	2	18	82.3	1832		1.458010	
2	1	18	58.2			3.001479	
3	2	18	61.5	1956		4.651705	
4	1	18	77.5			5.503357	
5	2	18	73.4	1062		6.901773	
6	2	18	55.0	1501		7.201967	
7	3	18	89.1	1268	1873	8.847497	
8	2	18	69.8	1594		10.391557	
9	1	18	83.9			11.522981	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	66.1	1651		0.448216	1
1	1	12	92.3			1.219344	
2	2	12	70.7	1303		2.302022	
3	2	12	60.6	1042		3.337335	
4	1	12	50.3			4.143464	
5	3	12	96.3	1299	1918	4.773510	
6	2	12	60.2	1227		6.148397	
7	2	12	98.0	1408		7.155228	
8	1	12	92.5			7.463274	
9	2	12	76.3	1314		8.420982	
10	1	12	72.5			9.250940	
11	2	12	61.6	1308		10.789958	
12	1	12	74.1			11.474405	

## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	69.7	1454		0.247425	1
1	2	8	52.5	1373		1.023872	
2	2	8	54.0	1754		1.737511	
3	3	8	74.9	1336	1172	2.536136	
4	2	8	81.5	1861		3.292589	
5	2	8	65.3	1283		4.482306	
6	3	8	62.5	1958	1454	4.909012	
7	1	8	86.4			5.838103	
8	2	8	76.1	1217		6.236159	
9	2	8	99.4	1821		7.126833	
10	1	8	98.8			7.821173	
11	2	8	56.1	1410		8.882878	
12	3	8	70.6	1850	1742	9.401215	
13	1	8	69.2			10.263362	
14	3	8	51.9	1061	1775	11.220376	
15	2	8	64.3	1569		11.655722	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5510.0	9	1.0	333	1	5346.0, 5326.0, 5543.0, 5315.0, 5645.0, 5261.0, 5593.0, 5269.0, 5702.0, 5388.0, 5532.0, 5465.0, 5459.0, 5612.0, 5685.0, 5304.0, 5339.0, 5448.0, 5429.0, 5364.0, 5704.0, 5719.0, 5471.0, 5705.0, 5460.0, 5396.0, 5671.0, 5401.0, 5428.0, 5343.0, 5697.0, 5686.0, 5472.0, 5621.0, 5273.0, 5490.0, 5279.0, 5553.0, 5464.0, 5405.0, 5619.0, 5609.0, 5638.0, 5511.0, 5310.0, 5414.0, 5591.0, 5635.0, 5519.0, 5395.0, 5425.0, 5445.0, 5616.0, 5306.0, 5444.0, 5659.0, 5289.0, 5417.0, 5699.0, 5432.0, 5533.0, 5710.0, 5271.0, 5267.0, 5623.0, 5351.0, 5637.0, 5361.0, 5559.0, 5522.0, 5462.0, 5662.0, 5534.0, 5336.0, 5416.0, 5706.0, 5358.0, 5250.0, 5693.0, 5439.0, 5557.0, 5602.0, 5276.0, 5368.0, 5528.0, 5260.0, 5424.0, 5518.0, 5467.0, 5334.0, 5576.0, 5583.0, 5436.0, 5331.0, 5524.0, 5674.0, 5324.0, 5453.0, 5426.0, 5579.0 (number of hits: 5)
2	5510.0	9	1.0	333	1	5307.0, 5536.0, 5450.0, 5558.0, 5389.0, 5622.0, 5700.0, 5537.0, 5494.0, 5708.0, 5490.0, 5395.0, 5369.0, 5324.0, 5686.0, 5435.0, 5585.0, 5670.0, 5523.0, 5288.0, 5426.0, 5662.0, 5449.0, 5574.0, 5386.0, 5380.0, 5353.0, 5253.0, 5392.0, 5346.0, 5607.0, 5535.0, 5569.0, 5605.0, 5284.0, 5391.0, 5624.0, 5547.0, 5676.0, 5348.0, 5303.0, 5557.0, 5269.0, 5268.0, 5362.0, 5612.0, 5355.0, 5489.0, 5423.0, 5681.0, 5598.0, 5408.0, 5283.0, 5589.0, 5478.0, 5310.0, 5314.0, 5255.0, 5347.0, 5718.0, 5438.0, 5396.0, 5363.0, 5591.0, 5397.0, 5480.0, 5707.0, 5293.0, 5652.0, 5366.0, 5684.0, 5637.0, 5563.0, 5654.0, 5374.0, 5566.0, 5368.0, 5373.0, 5533.0, 5251.0, 5615.0, 5638.0, 5635.0, 5714.0, 5365.0, 5705.0, 5516.0, 5428.0, 5695.0, 5672.0, 5433.0, 5399.0, 5488.0, 5722.0, 5342.0, 5437.0, 5543.0, 5275.0, 5692.0, 5584.0 (number of hits: 3)
3	5510.0	9	1.0	333	1	5417.0, 5408.0, 5435.0, 5695.0, 5429.0, 5721.0, 5292.0, 5412.0, 5430.0, 5718.0, 5275.0, 5687.0, 5679.0, 5402.0, 5477.0, 5678.0, 5656.0, 5348.0, 5357.0, 5354.0, 5533.0, 5359.0, 5339.0, 5294.0, 5253.0, 5401.0, 5420.0, 5298.0, 5352.0, 5335.0, 5377.0, 5617.0, 5650.0, 5536.0, 5513.0, 5381.0, 5640.0, 5493.0, 5392.0, 5411.0, 5545.0, 5301.0, 5647.0, 5643.0, 5660.0, 5351.0, 5550.0, 5422.0, 5319.0, 5659.0, 5631.0, 5633.0, 5542.0, 5538.0, 5334.0, 5674.0, 5312.0, 5611.0, 5286.0, 5442.0, 5537.0, 5432.0, 5488.0, 5618.0, 5649.0, 5507.0, 5558.0, 5562.0, 5293.0, 5379.0, 5481.0, 5713.0, 5317.0, 5474.0, 5531.0, 5637.0, 5385.0, 5388.0, 5698.0, 5372.0, 5321.0, 5278.0, 5518.0, 5622.0, 5448.0, 5255.0, 5304.0, 5461.0, 5588.0, 5361.0, 5290.0, 5638.0, 5459.0, 5376.0, 5452.0, 5595.0, 5389.0, 5272.0, 5482.0, 5509.0 (number of hits: 5)
4	5510.0	9	1.0	333	1	5590.0, 5288.0, 5369.0, 5289.0, 5704.0, 5591.0, 5615.0, 5694.0, 5455.0, 5284.0, 5422.0, 5583.0, 5414.0, 5373.0, 5302.0, 5709.0, 5416.0, 5341.0, 5478.0, 5286.0, 5503.0, 5347.0, 5333.0, 5710.0, 5650.0, 5527.0, 5380.0, 5699.0, 5688.0, 5398.0, 5700.0, 5608.0, 5473.0, 5469.0, 5480.0, 5620.0, 5570.0, 5544.0, 5264.0, 5479.0, 5300.0, 5498.0, 5466.0, 5653.0, 5553.0, 5607.0, 5673.0, 5330.0, 5277.0, 5312.0, 5538.0, 5656.0, 5342.0, 5371.0, 5431.0, 5415.0, 5702.0, 5658.0, 5529.0, 5408.0, 5715.0, 5487.0, 5581.0, 5677.0, 5334.0, 5616.0, 5519.0, 5453.0, 5520.0, 5603.0, 5436.0, 5571.0, 5502.0, 5338.0, 5525.0, 5429.0, 5372.0, 5589.0, 5403.0, 5323.0, 5705.0, 5521.0, 5435.0, 5395.0, 5567.0, 5522.0, 5692.0, 5434.0, 5427.0, 5625.0, 5446.0, 5317.0, 5489.0, 5606.0, 5365.0, 5550.0, 5297.0, 5463.0, 5685.0, 5610.0 (number of hits: 9)
5	5510.0	9	1.0	333	1	5723.0, 5518.0, 5570.0, 5600.0, 5377.0, 5478.0, 5514.0, 5704.0, 5614.0, 5490.0, 5521.0, 5296.0, 5433.0, 5421.0, 5592.0, 5264.0, 5456.0, 5359.0, 5284.0, 5524.0, 5404.0, 5257.0, 5550.0, 5644.0,

						5326.0, 5278.0, 5640.0, 5715.0, 5664.0, 5392.0, 5629.0, 5455.0, 5575.0, 5677.0, 5448.0, 5692.0, 5358.0, 5530.0, 5252.0, 5363.0, 5689.0, 5522.0, 5653.0, 5365.0, 5674.0, 5268.0, 5310.0, 5681.0, 5645.0, 5387.0, 5714.0, 5687.0, 5636.0, 5457.0, 5487.0, 5544.0, 5481.0, 5540.0, 5553.0, 5595.0, 5543.0, 5426.0, 5334.0, 5442.0, 5443.0, 5724.0, 5602.0, 5606.0, 5566.0, 5619.0, 5657.0, 5305.0, 5351.0, 5696.0, 5690.0, 5666.0, 5655.0, 5608.0, 5625.0, 5357.0, 5650.0, 5622.0, 5532.0, 5716.0, 5418.0, 5682.0, 5468.0, 5605.0, 5267.0, 5588.0, 5298.0, 5498.0, 5459.0, 5561.0, 5597.0, 5590.0, 5510.0, 5599.0, 5516.0, 5438.0 (number of hits: 8)
6	5510.0	9	1.0	333	1	5355.0, 5675.0, 5251.0, 5505.0, 5637.0, 5628.0, 5656.0, 5702.0, 5281.0, 5396.0, 5365.0, 5542.0, 5558.0, 5588.0, 5566.0, 5579.0, 5649.0, 5493.0, 5361.0, 5616.0, 5685.0, 5435.0, 5364.0, 5259.0, 5693.0, 5252.0, 5537.0, 5585.0, 5388.0, 5501.0, 5390.0, 5691.0, 5320.0, 5467.0, 5321.0, 5624.0, 5314.0, 5583.0, 5657.0, 5310.0, 5516.0, 5568.0, 5528.0, 5368.0, 5398.0, 5670.0, 5510.0, 5530.0, 5271.0, 5322.0, 5430.0, 5485.0, 5436.0, 5456.0, 5369.0, 5318.0, 5707.0, 5526.0, 5470.0, 5543.0, 5590.0, 5457.0, 5698.0, 5641.0, 5597.0, 5445.0, 5521.0, 5570.0, 5348.0, 5392.0, 5274.0, 5443.0, 5488.0, 5716.0, 5487.0, 5448.0, 5384.0, 5700.0, 5366.0, 5513.0, 5489.0, 5715.0, 5667.0, 5386.0, 5293.0, 5546.0, 5619.0, 5653.0, 5341.0, 5548.0, 5552.0, 5294.0, 5327.0, 5466.0, 5701.0, 5564.0, 5647.0, 5300.0, 5370.0, 5553.0 (number of hits: 8)
7	5510.0	9	1.0	333	1	5462.0, 5723.0, 5293.0, 5578.0, 5315.0, 5357.0, 5464.0, 5722.0, 5498.0, 5554.0, 5696.0, 5333.0, 5588.0, 5650.0, 5500.0, 5266.0, 5386.0, 5428.0, 5613.0, 5409.0, 5523.0, 5460.0, 5490.0, 5513.0, 5424.0, 5430.0, 5648.0, 5262.0, 5694.0, 5711.0, 5717.0, 5406.0, 5564.0, 5550.0, 5395.0, 5488.0, 5477.0, 5495.0, 5604.0, 5275.0, 5492.0, 5695.0, 5314.0, 5280.0, 5414.0, 5626.0, 5444.0, 5686.0, 5491.0, 5342.0, 5399.0, 5302.0, 5383.0, 5317.0, 5676.0, 5600.0, 5407.0, 5555.0, 5517.0, 5679.0, 5258.0, 5358.0, 5587.0, 5325.0, 5707.0, 5590.0, 5670.0, 5606.0, 5423.0, 5546.0, 5638.0, 5605.0, 5416.0, 5359.0, 5405.0, 5378.0, 5521.0, 5439.0, 5313.0, 5601.0, 5585.0, 5410.0, 5436.0, 5635.0, 5472.0, 5445.0, 5697.0, 5364.0, 5354.0, 5703.0, 5365.0, 5273.0, 5557.0, 5471.0, 5291.0, 5435.0, 5712.0, 5515.0, 5681.0, 5279.0 (number of hits: 9)
8	5510.0	9	1.0	333	1	5268.0, 5554.0, 5401.0, 5503.0, 5638.0, 5269.0, 5687.0, 5339.0, 5297.0, 5636.0, 5608.0, 5364.0, 5719.0, 5648.0, 5492.0, 5303.0, 5441.0, 5325.0, 5412.0, 5522.0, 5649.0, 5536.0, 5561.0, 5419.0, 5690.0, 5483.0, 5612.0, 5709.0, 5398.0, 5435.0, 5660.0, 5360.0, 5481.0, 5683.0, 5603.0, 5442.0, 5342.0, 5270.0, 5482.0, 5326.0, 5674.0, 5255.0, 5552.0, 5274.0, 5506.0, 5628.0, 5432.0, 5541.0, 5717.0, 5617.0, 5459.0, 5627.0, 5599.0, 5624.0, 5343.0, 5563.0, 5298.0, 5451.0, 5665.0, 5579.0, 5553.0, 5572.0, 5352.0, 5309.0, 5511.0, 5293.0, 5547.0, 5461.0, 5489.0, 5333.0, 5580.0, 5404.0, 5583.0, 5363.0, 5626.0, 5408.0, 5558.0, 5421.0, 5349.0, 5264.0, 5559.0, 5654.0, 5453.0, 5540.0, 5631.0, 5322.0, 5373.0, 5605.0, 5679.0, 5686.0, 5418.0, 5543.0, 5693.0, 5294.0, 5313.0, 5671.0, 5677.0, 5692.0, 5454.0, 5698.0 (number of hits: 5)
9	5510.0	9	1.0	333	1	5640.0, 5465.0, 5271.0, 5547.0, 5560.0, 5684.0, 5274.0, 5605.0, 5361.0, 5658.0, 5581.0, 5352.0, 5460.0, 5687.0, 5347.0, 5257.0, 5594.0, 5704.0, 5568.0, 5691.0, 5645.0, 5293.0, 5444.0, 5587.0, 5694.0, 5362.0, 5252.0, 5259.0, 5661.0, 5493.0, 5603.0, 5413.0, 5600.0, 5439.0, 5432.0, 5534.0, 5567.0, 5395.0, 5320.0, 5692.0, 5562.0, 5570.0, 5405.0, 5399.0, 5313.0, 5609.0, 5650.0, 5431.0, 5359.0, 5653.0, 5619.0, 5262.0, 5573.0, 5552.0, 5384.0, 5264.0, 5453.0, 5294.0, 5666.0, 5417.0, 5486.0, 5455.0, 5305.0, 5593.0, 5637.0, 5670.0, 5622.0, 5390.0, 5283.0, 5503.0, 5526.0, 5724.0, 5541.0, 5324.0, 5615.0, 5409.0, 5492.0, 5555.0, 5507.0, 5565.0, 5527.0, 5392.0, 5383.0, 5285.0, 5497.0, 5496.0, 5394.0, 5281.0, 5430.0, 5404.0, 5631.0, 5391.0, 5385.0, 5457.0, 5696.0, 5360.0,

						5290.0, 5310.0, 5675.0, 5596.0 (number of hits: 8 )
10	5510.0	9	1.0	333	1	5373.0, 5286.0, 5577.0, 5721.0, 5523.0, 5416.0, 5424.0, 5549.0, 5426.0, 5421.0, 5317.0, 5515.0, 5449.0, 5453.0, 5302.0, 5351.0, 5511.0, 5507.0, 5396.0, 5694.0, 5643.0, 5609.0, 5380.0, 5562.0, 5415.0, 5715.0, 5539.0, 5292.0, 5442.0, 5398.0, 5713.0, 5557.0, 5369.0, 5284.0, 5336.0, 5258.0, 5500.0, 5354.0, 5639.0, 5672.0, 5493.0, 5414.0, 5556.0, 5675.0, 5333.0, 5611.0, 5637.0, 5687.0, 5673.0, 5359.0, 5534.0, 5594.0, 5702.0, 5632.0, 5420.0, 5417.0, 5496.0, 5708.0, 5305.0, 5401.0, 5622.0, 5649.0, 5455.0, 5465.0, 5677.0, 5624.0, 5642.0, 5506.0, 5593.0, 5532.0, 5603.0, 5481.0, 5665.0, 5521.0, 5504.0, 5578.0, 5487.0, 5631.0, 5710.0, 5591.0, 5298.0, 5352.0, 5605.0, 5274.0, 5629.0, 5469.0, 5546.0, 5490.0, 5444.0, 5320.0, 5457.0, 5559.0, 5697.0, 5301.0, 5707.0, 5540.0, 5310.0, 5689.0, 5502.0, 5617.0 (number of hits: 11 )
11	5510.0	9	1.0	333	1	5327.0, 5583.0, 5491.0, 5281.0, 5702.0, 5670.0, 5345.0, 5662.0, 5334.0, 5625.0, 5514.0, 5329.0, 5615.0, 5276.0, 5456.0, 5372.0, 5418.0, 5310.0, 5695.0, 5517.0, 5614.0, 5716.0, 5504.0, 5290.0, 5642.0, 5706.0, 5443.0, 5707.0, 5408.0, 5306.0, 5400.0, 5577.0, 5476.0, 5277.0, 5283.0, 5453.0, 5318.0, 5284.0, 5570.0, 5580.0, 5335.0, 5460.0, 5708.0, 5705.0, 5436.0, 5421.0, 5715.0, 5356.0, 5632.0, 5259.0, 5363.0, 5678.0, 5289.0, 5651.0, 5500.0, 5658.0, 5428.0, 5637.0, 5664.0, 5357.0, 5569.0, 5533.0, 5413.0, 5348.0, 5669.0, 5370.0, 5660.0, 5488.0, 5657.0, 5427.0, 5671.0, 5565.0, 5376.0, 5523.0, 5445.0, 5322.0, 5717.0, 5430.0, 5381.0, 5256.0, 5502.0, 5267.0, 5594.0, 5382.0, 5721.0, 5485.0, 5424.0, 5603.0, 5552.0, 5576.0, 5515.0, 5682.0, 5328.0, 5602.0, 5287.0, 5251.0, 5588.0, 5470.0, 5503.0, 5599.0 (number of hits: 8 )
12	5510.0	9	1.0	333	1	5533.0, 5714.0, 5323.0, 5520.0, 5651.0, 5671.0, 5699.0, 5432.0, 5559.0, 5516.0, 5645.0, 5521.0, 5413.0, 5394.0, 5306.0, 5680.0, 5623.0, 5548.0, 5608.0, 5298.0, 5363.0, 5600.0, 5561.0, 5355.0, 5354.0, 5586.0, 5682.0, 5614.0, 5295.0, 5599.0, 5617.0, 5370.0, 5653.0, 5281.0, 5538.0, 5264.0, 5305.0, 5388.0, 5396.0, 5560.0, 5309.0, 5266.0, 5616.0, 5549.0, 5253.0, 5332.0, 5417.0, 5395.0, 5541.0, 5410.0, 5369.0, 5334.0, 5694.0, 5550.0, 5661.0, 5575.0, 5572.0, 5672.0, 5447.0, 5302.0, 5523.0, 5275.0, 5610.0, 5658.0, 5542.0, 5251.0, 5662.0, 5450.0, 5481.0, 5382.0, 5494.0, 5571.0, 5475.0, 5465.0, 5265.0, 5372.0, 5574.0, 5712.0, 5350.0, 5365.0, 5453.0, 5686.0, 5487.0, 5581.0, 5441.0, 5556.0, 5625.0, 5322.0, 5642.0, 5506.0, 5412.0, 5525.0, 5255.0, 5299.0, 5379.0, 5584.0, 5529.0, 5507.0, 5673.0, 5459.0 (number of hits: 8 )
13	5510.0	9	1.0	333	1	5565.0, 5548.0, 5359.0, 5491.0, 5559.0, 5318.0, 5337.0, 5335.0, 5283.0, 5439.0, 5481.0, 5370.0, 5504.0, 5373.0, 5348.0, 5468.0, 5416.0, 5563.0, 5646.0, 5555.0, 5279.0, 5402.0, 5429.0, 5506.0, 5720.0, 5587.0, 5721.0, 5644.0, 5470.0, 5389.0, 5523.0, 5423.0, 5394.0, 5408.0, 5594.0, 5648.0, 5308.0, 5446.0, 5400.0, 5552.0, 5711.0, 5297.0, 5532.0, 5573.0, 5675.0, 5546.0, 5535.0, 5320.0, 5590.0, 5482.0, 5557.0, 5415.0, 5372.0, 5710.0, 5520.0, 5537.0, 5606.0, 5505.0, 5636.0, 5263.0, 5516.0, 5451.0, 5353.0, 5591.0, 5611.0, 5574.0, 5409.0, 5438.0, 5650.0, 5419.0, 5258.0, 5461.0, 5310.0, 5399.0, 5256.0, 5450.0, 5474.0, 5252.0, 5417.0, 5660.0, 5542.0, 5582.0, 5624.0, 5444.0, 5612.0, 5334.0, 5509.0, 5525.0, 5580.0, 5314.0, 5494.0, 5670.0, 5254.0, 5501.0, 5529.0, 5683.0, 5329.0, 5336.0, 5355.0, 5722.0 (number of hits: 10 )
14	5510.0	9	1.0	333	1	5406.0, 5608.0, 5382.0, 5271.0, 5557.0, 5606.0, 5641.0, 5562.0, 5399.0, 5292.0, 5349.0, 5680.0, 5425.0, 5605.0, 5718.0, 5307.0, 5263.0, 5670.0, 5395.0, 5565.0, 5685.0, 5715.0, 5272.0, 5524.0, 5553.0, 5567.0, 5704.0, 5544.0, 5570.0, 5447.0, 5571.0, 5316.0, 5403.0, 5387.0, 5573.0, 5415.0, 5504.0, 5474.0, 5681.0, 5470.0, 5378.0, 5419.0, 5710.0, 5442.0, 5380.0, 5617.0, 5405.0, 5377.0, 5628.0, 5352.0, 5679.0, 5614.0, 5521.0, 5705.0, 5722.0, 5712.0, 5426.0, 5652.0, 5564.0, 5519.0, 5344.0, 5332.0, 5650.0, 5467.0,

						5328.0, 5686.0, 5538.0, 5381.0, 5319.0, 5481.0, 5516.0, 5337.0, 5625.0, 5308.0, 5287.0, 5633.0, 5522.0, 5527.0, 5383.0, 5434.0, 5629.0, 5638.0, 5368.0, 5459.0, 5376.0, 5512.0, 5321.0, 5311.0, 5465.0, 5372.0, 5475.0, 5412.0, 5645.0, 5499.0, 5530.0, 5551.0, 5661.0, 5257.0, 5266.0, 5618.0 (number of hits: 9)
15	5510.0	9	1.0	333	1	5322.0, 5254.0, 5339.0, 5422.0, 5545.0, 5709.0, 5335.0, 5529.0, 5531.0, 5450.0, 5398.0, 5694.0, 5643.0, 5704.0, 5406.0, 5716.0, 5613.0, 5646.0, 5600.0, 5312.0, 5623.0, 5476.0, 5527.0, 5371.0, 5447.0, 5331.0, 5589.0, 5360.0, 5641.0, 5341.0, 5288.0, 5467.0, 5718.0, 5683.0, 5400.0, 5657.0, 5556.0, 5585.0, 5607.0, 5602.0, 5399.0, 5570.0, 5603.0, 5301.0, 5276.0, 5705.0, 5659.0, 5611.0, 5547.0, 5621.0, 5678.0, 5579.0, 5494.0, 5651.0, 5692.0, 5338.0, 5415.0, 5508.0, 5453.0, 5387.0, 5319.0, 5413.0, 5477.0, 5620.0, 5403.0, 5452.0, 5283.0, 5455.0, 5566.0, 5437.0, 5383.0, 5558.0, 5311.0, 5264.0, 5259.0, 5365.0, 5518.0, 5510.0, 5554.0, 5673.0, 5606.0, 5583.0, 5270.0, 5333.0, 5401.0, 5530.0, 5294.0, 5433.0, 5258.0, 5574.0, 5261.0, 5642.0, 5513.0, 5472.0, 5356.0, 5321.0, 5293.0, 5428.0, 5257.0, 5419.0 (number of hits: 6)
16	5510.0	9	1.0	333	1	5407.0, 5616.0, 5624.0, 5659.0, 5704.0, 5365.0, 5324.0, 5259.0, 5561.0, 5557.0, 5513.0, 5334.0, 5368.0, 5331.0, 5533.0, 5622.0, 5439.0, 5474.0, 5554.0, 5532.0, 5681.0, 5357.0, 5475.0, 5478.0, 5270.0, 5310.0, 5364.0, 5294.0, 5420.0, 5438.0, 5606.0, 5655.0, 5312.0, 5581.0, 5346.0, 5275.0, 5341.0, 5516.0, 5456.0, 5358.0, 5696.0, 5591.0, 5343.0, 5541.0, 5490.0, 5419.0, 5643.0, 5511.0, 5361.0, 5716.0, 5338.0, 5455.0, 5384.0, 5258.0, 5703.0, 5692.0, 5257.0, 5307.0, 5514.0, 5562.0, 5254.0, 5723.0, 5416.0, 5574.0, 5401.0, 5316.0, 5551.0, 5683.0, 5584.0, 5360.0, 5485.0, 5537.0, 5279.0, 5496.0, 5664.0, 5295.0, 5710.0, 5644.0, 5640.0, 5706.0, 5568.0, 5480.0, 5488.0, 5669.0, 5422.0, 5471.0, 5453.0, 5697.0, 5721.0, 5709.0, 5442.0, 5403.0, 5373.0, 5345.0, 5441.0, 5306.0, 5332.0, 5291.0, 5255.0, 5435.0 (number of hits: 5)
17	5510.0	9	1.0	333	1	5387.0, 5456.0, 5586.0, 5447.0, 5511.0, 5476.0, 5369.0, 5473.0, 5440.0, 5554.0, 5690.0, 5306.0, 5601.0, 5461.0, 5316.0, 5572.0, 5355.0, 5332.0, 5413.0, 5724.0, 5325.0, 5318.0, 5295.0, 5683.0, 5539.0, 5251.0, 5337.0, 5479.0, 5723.0, 5269.0, 5716.0, 5637.0, 5660.0, 5675.0, 5320.0, 5597.0, 5334.0, 5490.0, 5540.0, 5340.0, 5436.0, 5599.0, 5343.0, 5624.0, 5697.0, 5429.0, 5688.0, 5409.0, 5363.0, 5264.0, 5514.0, 5636.0, 5585.0, 5462.0, 5364.0, 5525.0, 5583.0, 5319.0, 5620.0, 5270.0, 5652.0, 5282.0, 5443.0, 5538.0, 5263.0, 5380.0, 5284.0, 5602.0, 5439.0, 5486.0, 5560.0, 5670.0, 5513.0, 5581.0, 5534.0, 5575.0, 5527.0, 5422.0, 5388.0, 5497.0, 5644.0, 5654.0, 5470.0, 5310.0, 5396.0, 5649.0, 5477.0, 5365.0, 5412.0, 5299.0, 5271.0, 5621.0, 5699.0, 5432.0, 5414.0, 5608.0, 5533.0, 5702.0, 5417.0, 5459.0 (number of hits: 6)
18	5510.0	9	1.0	333	1	5634.0, 5351.0, 5611.0, 5558.0, 5385.0, 5527.0, 5260.0, 5633.0, 5691.0, 5436.0, 5265.0, 5612.0, 5328.0, 5709.0, 5337.0, 5470.0, 5653.0, 5697.0, 5303.0, 5285.0, 5508.0, 5294.0, 5605.0, 5479.0, 5407.0, 5564.0, 5447.0, 5600.0, 5593.0, 5333.0, 5377.0, 5630.0, 5562.0, 5621.0, 5454.0, 5293.0, 5679.0, 5493.0, 5614.0, 5498.0, 5268.0, 5354.0, 5304.0, 5281.0, 5571.0, 5283.0, 5389.0, 5502.0, 5371.0, 5387.0, 5567.0, 5541.0, 5504.0, 5555.0, 5289.0, 5539.0, 5559.0, 5336.0, 5437.0, 5687.0, 5713.0, 5460.0, 5507.0, 5629.0, 5526.0, 5362.0, 5579.0, 5536.0, 5520.0, 5299.0, 5659.0, 5487.0, 5306.0, 5442.0, 5386.0, 5626.0, 5430.0, 5531.0, 5326.0, 5492.0, 5261.0, 5705.0, 5706.0, 5471.0, 5365.0, 5528.0, 5503.0, 5379.0, 5363.0, 5711.0, 5533.0, 5368.0, 5452.0, 5544.0, 5616.0, 5714.0, 5696.0, 5624.0, 5718.0, 5262.0 (number of hits: 11)
19	5510.0	9	1.0	333	1	5414.0, 5260.0, 5333.0, 5606.0, 5654.0, 5390.0, 5656.0, 5482.0, 5586.0, 5721.0, 5434.0, 5665.0, 5618.0, 5548.0, 5504.0, 5339.0, 5623.0, 5608.0, 5662.0, 5447.0, 5467.0, 5715.0, 5629.0, 5533.0, 5661.0, 5564.0, 5311.0, 5521.0, 5571.0, 5511.0, 5644.0, 5460.0,

						5593.0, 5325.0, 5526.0, 5631.0, 5674.0, 5507.0, 5408.0, 5349.0, 5565.0, 5588.0, 5635.0, 5368.0, 5321.0, 5466.0, 5269.0, 5285.0, 5598.0, 5439.0, 5381.0, 5293.0, 5643.0, 5251.0, 5323.0, 5342.0, 5268.0, 5397.0, 5378.0, 5639.0, 5463.0, 5398.0, 5527.0, 5428.0, 5619.0, 5355.0, 5304.0, 5258.0, 5401.0, 5705.0, 5496.0, 5549.0, 5332.0, 5450.0, 5331.0, 5617.0, 5531.0, 5281.0, 5313.0, 5330.0, 5469.0, 5430.0, 5502.0, 5513.0, 5710.0, 5280.0, 5711.0, 5659.0, 5663.0, 5724.0, 5712.0, 5580.0, 5686.0, 5508.0, 5655.0, 5612.0, 5410.0, 5690.0, 5433.0, 5613.0 (number of hits: 10)
20	5510.0	9	1.0	333	1	5315.0, 5579.0, 5555.0, 5683.0, 5360.0, 5331.0, 5312.0, 5482.0, 5672.0, 5350.0, 5615.0, 5384.0, 5250.0, 5395.0, 5405.0, 5515.0, 5401.0, 5470.0, 5564.0, 5691.0, 5568.0, 5472.0, 5468.0, 5293.0, 5685.0, 5427.0, 5397.0, 5545.0, 5347.0, 5357.0, 5487.0, 5708.0, 5449.0, 5551.0, 5534.0, 5392.0, 5547.0, 5478.0, 5454.0, 5495.0, 5593.0, 5484.0, 5282.0, 5473.0, 5713.0, 5616.0, 5509.0, 5716.0, 5375.0, 5715.0, 5387.0, 5629.0, 5562.0, 5526.0, 5453.0, 5541.0, 5546.0, 5634.0, 5373.0, 5260.0, 5623.0, 5514.0, 5388.0, 5654.0, 5302.0, 5592.0, 5341.0, 5416.0, 5619.0, 5650.0, 5601.0, 5383.0, 5295.0, 5308.0, 5278.0, 5575.0, 5719.0, 5567.0, 5254.0, 5695.0, 5443.0, 5266.0, 5420.0, 5276.0, 5442.0, 5644.0, 5452.0, 5438.0, 5556.0, 5469.0, 5505.0, 5303.0, 5396.0, 5253.0, 5500.0, 5413.0, 5286.0, 5668.0, 5289.0, 5577.0 (number of hits: 7)
21	5510.0	9	1.0	333	1	5272.0, 5688.0, 5461.0, 5312.0, 5436.0, 5561.0, 5360.0, 5417.0, 5278.0, 5387.0, 5497.0, 5685.0, 5483.0, 5654.0, 5710.0, 5711.0, 5494.0, 5706.0, 5521.0, 5271.0, 5317.0, 5533.0, 5619.0, 5472.0, 5466.0, 5660.0, 5457.0, 5386.0, 5516.0, 5342.0, 5332.0, 5297.0, 5430.0, 5716.0, 5486.0, 5361.0, 5646.0, 5600.0, 5480.0, 5717.0, 5565.0, 5452.0, 5589.0, 5618.0, 5364.0, 5693.0, 5509.0, 5574.0, 5553.0, 5550.0, 5707.0, 5325.0, 5379.0, 5677.0, 5334.0, 5327.0, 5628.0, 5319.0, 5695.0, 5594.0, 5602.0, 5601.0, 5636.0, 5351.0, 5662.0, 5495.0, 5629.0, 5656.0, 5348.0, 5577.0, 5605.0, 5671.0, 5287.0, 5701.0, 5340.0, 5692.0, 5454.0, 5344.0, 5469.0, 5626.0, 5546.0, 5254.0, 5459.0, 5471.0, 5485.0, 5622.0, 5359.0, 5432.0, 5437.0, 5293.0, 5669.0, 5463.0, 5331.0, 5337.0, 5595.0, 5551.0, 5639.0, 5623.0, 5400.0, 5416.0 (number of hits: 6)
22	5510.0	9	1.0	333	1	5650.0, 5477.0, 5366.0, 5542.0, 5370.0, 5392.0, 5275.0, 5623.0, 5536.0, 5659.0, 5395.0, 5402.0, 5349.0, 5345.0, 5271.0, 5397.0, 5346.0, 5699.0, 5627.0, 5711.0, 5256.0, 5313.0, 5478.0, 5301.0, 5334.0, 5344.0, 5361.0, 5710.0, 5589.0, 5548.0, 5709.0, 5653.0, 5430.0, 5618.0, 5697.0, 5564.0, 5462.0, 5606.0, 5642.0, 5369.0, 5409.0, 5613.0, 5687.0, 5488.0, 5664.0, 5427.0, 5321.0, 5480.0, 5388.0, 5672.0, 5553.0, 5707.0, 5270.0, 5583.0, 5322.0, 5451.0, 5720.0, 5312.0, 5549.0, 5365.0, 5465.0, 5469.0, 5570.0, 5704.0, 5667.0, 5304.0, 5666.0, 5378.0, 5586.0, 5581.0, 5619.0, 5533.0, 5421.0, 5490.0, 5578.0, 5323.0, 5379.0, 5700.0, 5303.0, 5337.0, 5668.0, 5492.0, 5407.0, 5324.0, 5617.0, 5418.0, 5621.0, 5487.0, 5594.0, 5662.0, 5585.0, 5591.0, 5425.0, 5405.0, 5608.0, 5433.0, 5449.0, 5643.0, 5317.0, 5639.0 (number of hits: 1)
23	5510.0	9	1.0	333	1	5618.0, 5492.0, 5664.0, 5496.0, 5709.0, 5665.0, 5623.0, 5331.0, 5281.0, 5534.0, 5536.0, 5702.0, 5601.0, 5408.0, 5266.0, 5351.0, 5426.0, 5330.0, 5696.0, 5335.0, 5465.0, 5639.0, 5706.0, 5370.0, 5652.0, 5451.0, 5259.0, 5314.0, 5383.0, 5340.0, 5317.0, 5304.0, 5506.0, 5679.0, 5505.0, 5620.0, 5589.0, 5372.0, 5443.0, 5348.0, 5564.0, 5280.0, 5673.0, 5499.0, 5648.0, 5407.0, 5488.0, 5498.0, 5354.0, 5591.0, 5574.0, 5429.0, 5605.0, 5497.0, 5470.0, 5399.0, 5432.0, 5250.0, 5277.0, 5458.0, 5484.0, 5645.0, 5386.0, 5336.0, 5507.0, 5597.0, 5283.0, 5385.0, 5555.0, 5476.0, 5624.0, 5535.0, 5543.0, 5375.0, 5286.0, 5441.0, 5691.0, 5657.0, 5363.0, 5377.0, 5315.0, 5567.0, 5504.0, 5514.0, 5460.0, 5668.0, 5569.0, 5481.0, 5660.0, 5576.0, 5456.0, 5588.0, 5355.0, 5617.0, 5392.0, 5459.0, 5401.0, 5477.0, 5346.0 (number of hits: 10)



24	5510.0	9	1.0	333	1	5508.0, 5405.0, 5625.0, 5669.0, 5519.0, 5608.0, 5303.0, 5379.0, 5464.0, 5527.0, 5398.0, 5310.0, 5439.0, 5315.0, 5252.0, 5565.0, 5355.0, 5709.0, 5715.0, 5548.0, 5717.0, 5510.0, 5588.0, 5649.0, 5352.0, 5543.0, 5317.0, 5516.0, 5613.0, 5455.0, 5529.0, 5606.0, 5670.0, 5593.0, 5544.0, 5371.0, 5621.0, 5435.0, 5618.0, 5639.0, 5366.0, 5722.0, 5489.0, 5301.0, 5456.0, 5590.0, 5348.0, 5389.0, 5390.0, 5278.0, 5681.0, 5474.0, 5388.0, 5571.0, 5647.0, 5479.0, 5302.0, 5698.0, 5614.0, 5699.0, 5484.0, 5347.0, 5443.0, 5497.0, 5462.0, 5694.0, 5619.0, 5403.0, 5721.0, 5449.0, 5485.0, 5326.0, 5269.0, 5471.0, 5627.0, 5364.0, 5362.0, 5539.0, 5423.0, 5558.0, 5710.0, 5292.0, 5594.0, 5402.0, 5354.0, 5445.0, 5340.0, 5308.0, 5319.0, 5534.0, 5298.0, 5334.0, 5723.0, 5322.0, 5682.0, 5630.0, 5631.0, 5492.0, 5693.0, 5601.0 (number of hits: 7)
25	5510.0	9	1.0	333	1	5578.0, 5468.0, 5711.0, 5601.0, 5256.0, 5396.0, 5673.0, 5449.0, 5700.0, 5343.0, 5456.0, 5504.0, 5323.0, 5677.0, 5620.0, 5466.0, 5682.0, 5463.0, 5683.0, 5542.0, 5557.0, 5523.0, 5507.0, 5631.0, 5264.0, 5442.0, 5357.0, 5713.0, 5655.0, 5722.0, 5278.0, 5704.0, 5418.0, 5401.0, 5281.0, 5532.0, 5492.0, 5266.0, 5255.0, 5506.0, 5708.0, 5476.0, 5522.0, 5619.0, 5337.0, 5540.0, 5723.0, 5590.0, 5585.0, 5481.0, 5336.0, 5690.0, 5331.0, 5432.0, 5322.0, 5724.0, 5525.0, 5641.0, 5448.0, 5475.0, 5461.0, 5535.0, 5718.0, 5689.0, 5714.0, 5719.0, 5467.0, 5603.0, 5408.0, 5477.0, 5497.0, 5380.0, 5537.0, 5611.0, 5424.0, 5450.0, 5455.0, 5562.0, 5600.0, 5630.0, 5515.0, 5712.0, 5269.0, 5656.0, 5410.0, 5643.0, 5667.0, 5638.0, 5344.0, 5321.0, 5470.0, 5346.0, 5524.0, 5622.0, 5340.0, 5674.0, 5279.0, 5577.0, 5521.0, 5604.0 (number of hits: 11)
26	5510.0	9	1.0	333	1	5658.0, 5345.0, 5585.0, 5649.0, 5300.0, 5301.0, 5560.0, 5484.0, 5296.0, 5265.0, 5565.0, 5572.0, 5620.0, 5497.0, 5405.0, 5279.0, 5664.0, 5506.0, 5559.0, 5694.0, 5639.0, 5588.0, 5290.0, 5678.0, 5420.0, 5259.0, 5636.0, 5490.0, 5385.0, 5587.0, 5322.0, 5542.0, 5496.0, 5724.0, 5554.0, 5451.0, 5340.0, 5319.0, 5364.0, 5707.0, 5374.0, 5679.0, 5584.0, 5673.0, 5555.0, 5254.0, 5294.0, 5313.0, 5492.0, 5611.0, 5459.0, 5696.0, 5621.0, 5599.0, 5686.0, 5715.0, 5415.0, 5304.0, 5527.0, 5400.0, 5305.0, 5514.0, 5625.0, 5321.0, 5352.0, 5538.0, 5262.0, 5268.0, 5662.0, 5509.0, 5702.0, 5417.0, 5468.0, 5339.0, 5718.0, 5691.0, 5504.0, 5586.0, 5652.0, 5705.0, 5616.0, 5380.0, 5635.0, 5614.0, 5608.0, 5487.0, 5423.0, 5370.0, 5641.0, 5256.0, 5551.0, 5522.0, 5637.0, 5258.0, 5716.0, 5271.0, 5722.0, 5406.0, 5266.0, 5529.0 (number of hits: 9)
27	5510.0	9	1.0	333	1	5264.0, 5465.0, 5397.0, 5420.0, 5360.0, 5567.0, 5469.0, 5338.0, 5590.0, 5666.0, 5576.0, 5673.0, 5562.0, 5591.0, 5368.0, 5634.0, 5348.0, 5371.0, 5661.0, 5679.0, 5327.0, 5699.0, 5443.0, 5483.0, 5455.0, 5289.0, 5540.0, 5706.0, 5409.0, 5603.0, 5668.0, 5379.0, 5575.0, 5471.0, 5454.0, 5596.0, 5616.0, 5437.0, 5669.0, 5648.0, 5298.0, 5494.0, 5393.0, 5274.0, 5708.0, 5608.0, 5647.0, 5549.0, 5617.0, 5436.0, 5559.0, 5273.0, 5317.0, 5365.0, 5506.0, 5478.0, 5467.0, 5615.0, 5594.0, 5411.0, 5561.0, 5628.0, 5520.0, 5414.0, 5370.0, 5646.0, 5347.0, 5381.0, 5349.0, 5498.0, 5341.0, 5681.0, 5399.0, 5369.0, 5686.0, 5290.0, 5408.0, 5695.0, 5421.0, 5321.0, 5410.0, 5473.0, 5390.0, 5279.0, 5700.0, 5580.0, 5588.0, 5415.0, 5707.0, 5463.0, 5627.0, 5501.0, 5333.0, 5312.0, 5675.0, 5480.0, 5546.0, 5692.0, 5340.0, 5622.0 (number of hits: 5)
28	5510.0	9	1.0	333	1	5589.0, 5646.0, 5711.0, 5292.0, 5649.0, 5439.0, 5369.0, 5605.0, 5717.0, 5432.0, 5681.0, 5523.0, 5478.0, 5563.0, 5429.0, 5459.0, 5669.0, 5707.0, 5467.0, 5298.0, 5535.0, 5658.0, 5398.0, 5328.0, 5366.0, 5545.0, 5490.0, 5543.0, 5392.0, 5709.0, 5464.0, 5673.0, 5322.0, 5561.0, 5421.0, 5261.0, 5400.0, 5484.0, 5625.0, 5620.0, 5304.0, 5491.0, 5498.0, 5270.0, 5628.0, 5331.0, 5335.0, 5668.0, 5465.0, 5258.0, 5621.0, 5381.0, 5348.0, 5704.0, 5302.0, 5423.0, 5531.0, 5592.0, 5505.0, 5585.0, 5307.0, 5690.0, 5425.0, 5299.0, 5705.0, 5629.0, 5329.0, 5352.0, 5599.0, 5607.0, 5715.0, 5520.0,

						5434.0, 5506.0, 5635.0, 5315.0, 5399.0, 5353.0, 5548.0, 5282.0, 5376.0, 5297.0, 5306.0, 5470.0, 5325.0, 5443.0, 5634.0, 5564.0, 5512.0, 5456.0, 5511.0, 5286.0, 5281.0, 5583.0, 5591.0, 5451.0, 5339.0, 5567.0, 5384.0, 5268.0 (number of hits: 7 )
29	5510.0	9	1.0	333	1	5572.0, 5514.0, 5506.0, 5631.0, 5457.0, 5564.0, 5539.0, 5546.0, 5394.0, 5317.0, 5567.0, 5454.0, 5322.0, 5429.0, 5353.0, 5582.0, 5705.0, 5282.0, 5531.0, 5327.0, 5338.0, 5521.0, 5369.0, 5442.0, 5522.0, 5652.0, 5283.0, 5660.0, 5439.0, 5695.0, 5651.0, 5587.0, 5267.0, 5718.0, 5292.0, 5339.0, 5629.0, 5397.0, 5259.0, 5689.0, 5500.0, 5654.0, 5313.0, 5268.0, 5543.0, 5717.0, 5569.0, 5471.0, 5273.0, 5390.0, 5456.0, 5687.0, 5497.0, 5499.0, 5453.0, 5516.0, 5545.0, 5638.0, 5430.0, 5311.0, 5343.0, 5470.0, 5329.0, 5647.0, 5458.0, 5413.0, 5716.0, 5507.0, 5321.0, 5358.0, 5611.0, 5403.0, 5490.0, 5474.0, 5709.0, 5488.0, 5518.0, 5264.0, 5360.0, 5619.0, 5296.0, 5293.0, 5359.0, 5462.0, 5491.0, 5642.0, 5580.0, 5341.0, 5666.0, 5481.0, 5676.0, 5368.0, 5620.0, 5288.0, 5342.0, 5604.0, 5713.0, 5281.0, 5644.0, 5537.0 (number of hits: 10 )
30	5510.0	9	1.0	333	1	5645.0, 5503.0, 5322.0, 5435.0, 5647.0, 5693.0, 5326.0, 5589.0, 5385.0, 5606.0, 5453.0, 5699.0, 5529.0, 5525.0, 5410.0, 5301.0, 5416.0, 5464.0, 5450.0, 5409.0, 5397.0, 5571.0, 5306.0, 5315.0, 5698.0, 5336.0, 5722.0, 5376.0, 5504.0, 5700.0, 5386.0, 5612.0, 5547.0, 5477.0, 5250.0, 5382.0, 5610.0, 5685.0, 5309.0, 5663.0, 5481.0, 5513.0, 5515.0, 5532.0, 5554.0, 5600.0, 5613.0, 5392.0, 5641.0, 5353.0, 5576.0, 5509.0, 5677.0, 5373.0, 5665.0, 5443.0, 5660.0, 5599.0, 5333.0, 5654.0, 5466.0, 5585.0, 5502.0, 5341.0, 5472.0, 5407.0, 5619.0, 5417.0, 5591.0, 5287.0, 5690.0, 5377.0, 5621.0, 5267.0, 5337.0, 5494.0, 5517.0, 5557.0, 5651.0, 5642.0, 5275.0, 5391.0, 5523.0, 5582.0, 5609.0, 5411.0, 5467.0, 5724.0, 5583.0, 5302.0, 5709.0, 5495.0, 5408.0, 5295.0, 5412.0, 5424.0, 5475.0, 5552.0, 5460.0, 5680.0 (number of hits: 11 )

**P2P Mode  
Iron Radio****5530 MHz, 80 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	96.7 %	60%	Pass
<b>Type 2</b>	30	86.7 %	60%	Pass
<b>Type 3</b>	30	83.3 %	60%	Pass
<b>Type 4</b>	30	86.7 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	88.3 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	62	1.0	858	1
2	81	1.0	658	1
3	86	1.0	618	1
4	76	1.0	698	1
5	68	1.0	778	1
6	65	1.0	818	1
7	95	1.0	558	1
8	99	1.0	538	1
9	78	1.0	678	1
10	58	1.0	918	1
11	83	1.0	638	1
12	74	1.0	718	0
13	70	1.0	758	1
14	61	1.0	878	1
15	102	1.0	518	1
1	19	1.0	2844	1
2	20	1.0	2681	1
3	73	1.0	732	1
4	35	1.0	1523	1
5	19	1.0	2838	1
6	24	1.0	2282	1
7	40	1.0	1322	1
8	93	1.0	570	1
9	21	1.0	2568	1
10	18	1.0	3040	1
11	19	1.0	2878	1
12	44	1.0	1223	1
13	80	1.0	663	1
14	21	1.0	2560	1
15	57	1.0	927	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	25	2.7	164	1
2	25	4.2	167	0
3	24	1.3	165	1
4	25	1.9	184	1
5	24	1.2	174	1
6	24	3.4	216	1
7	25	1.0	173	1
8	25	4.9	192	1
9	25	2.4	182	1
10	26	3.8	225	1
11	25	2.7	230	1
12	27	2.9	169	1
13	29	4.4	215	1
14	29	2.0	213	1
15	29	4.4	203	1
16	27	4.6	224	0
17	28	1.8	219	1
18	24	4.7	199	1
19	28	2.6	167	1
20	26	2.4	225	1
21	27	3.5	226	1
22	26	1.7	177	1
23	28	4.8	213	1
24	28	3.7	153	1
25	29	2.5	152	1
26	26	4.7	222	1
27	26	2.6	209	0
28	28	2.4	183	1
29	28	4.7	168	1
30	26	2.7	190	0
<b>Detection Percentage: 86.7 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	18	7.5	253	1
2	17	7.2	266	1
3	16	6.5	310	1
4	18	6.2	392	1
5	17	9.6	222	1
6	18	6.8	322	1
7	17	9.7	459	1
8	16	9.8	334	1
9	16	6.4	360	1
10	17	6.3	401	1
11	17	9.0	404	1
12	16	9.6	411	0
13	18	10.0	336	0
14	17	7.8	363	1
15	18	9.7	352	1
16	18	9.2	430	0
17	18	8.0	320	1
18	17	6.5	284	1
19	18	8.5	326	1
20	17	8.3	368	1
21	17	9.7	334	1
22	16	8.5	248	0
23	16	8.7	320	1
24	16	6.5	467	1
25	17	9.8	215	1
26	18	8.0	456	1
27	16	10.0	271	1
28	16	9.1	478	0
29	16	8.2	421	1
30	18	6.9	262	1
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	12	15.4	437	1
2	13	11.2	241	1
3	14	15.4	345	0
4	14	12.2	226	1
5	16	11.0	318	1
6	12	13.9	483	1
7	14	14.1	282	1
8	12	16.9	281	1
9	15	17.3	206	1
10	14	16.1	324	1
11	14	15.0	252	1
12	14	11.5	246	0
13	16	14.2	316	1
14	12	19.5	475	1
15	12	16.3	382	1
16	12	11.0	216	1
17	15	18.3	300	1
18	15	16.4	479	0
19	14	12.2	389	1
20	13	11.3	280	1
21	15	17.9	472	1
22	15	13.8	345	1
23	15	11.4	328	0
24	13	17.1	204	1
25	16	15.5	210	1
26	14	11.9	475	1
27	16	15.5	494	1
28	14	13.8	366	1
29	15	13.1	368	1
30	16	19.6	474	1
<b>Detection Percentage: 86.7 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	1
2	5530	1
3	5530	1
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	1
11	5494.4	1
12	5497.2	1
13	5496.4	1
14	5495.2	1
15	5496.8	1
16	5496.4	1
17	5498.0	1
18	5498.4	1
19	5497.2	1
20	5495.2	1
21	5566.0	1
22	5561.2	1
23	5560.8	1
24	5560.8	1
25	5561.6	1
26	5562.0	1
27	5562.4	1
28	5564.0	1
29	5563.6	1
30	5561.6	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		



## Bin5 Statistics 1

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (μS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	1	8	93.3			0.218590	1
1	1	8	58.8			0.848389	
2	2	8	84.1	1483		1.323863	
3	3	8	84.4	1329	1240	2.357737	
4	3	8	86.5	1353	1235	3.097778	
5	1	8	69.8			3.236307	
6	3	8	91.9	1676	1336	4.198103	
7	2	8	59.2	1253		4.627874	
8	2	8	95.1	1502		5.466045	
9	2	8	73.4	1799		6.233062	
10	2	8	85.9	1891		6.828356	
11	2	8	91.0	1941		7.327721	
12	3	8	54.9	1244	1835	7.906809	
13	3	8	54.6	1734	1254	8.798238	
14	3	8	78.6	1151	1553	9.134059	
15	3	8	84.1	1944	1941	9.515612	
16	2	8	78.7	1819		10.687423	
17	2	8	78.5	1910		10.761154	
18	3	8	63.1	1943	1991	11.379771	

## Bin5 Statistics 2

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (µS)</b>	<b>Pulse 2-3 spacing (µS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	2	11	79.4	1325		0.395351	1
1	1	11	87.2			0.783652	
2	2	11	92.6	1328		1.203435	
3	2	11	84.3	1626		2.017718	
4	2	11	63.4	1343		2.697816	
5	1	11	90.5			3.098122	
6	3	11	85.5	1480	1935	4.035119	
7	3	11	88.4	1288	1504	4.610437	
8	2	11	58.7	1120		5.268373	
9	1	11	62.1			5.450957	
10	2	11	64.8	1348		6.364979	
11	3	11	78.9	1334	1259	6.735836	
12	2	11	58.8	1465		7.648307	
13	2	11	66.2	1343		7.916234	
14	2	11	80.6	1096		8.908036	
15	2	11	98.4	1613		9.073471	
16	1	11	81.4			9.870368	
17	2	11	87.7	1350		10.308755	
18	3	11	63.7	1288	1398	11.134269	
19	2	11	57.7	1738		11.635701	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	76.5			0.482821	1
1	3	14	67.8	1112	1114	0.966435	
2	3	14	84.5	1596	1679	1.900349	
3	3	14	85.8	1225	1941	2.413214	
4	2	14	50.6	1014		3.073926	
5	2	14	68.6	1307		4.453642	
6	3	14	88.4	1822	1686	5.182106	
7	2	14	82.0	1103		5.542636	
8	1	14	59.5			6.574155	
9	2	14	88.6	1805		6.871267	
10	3	14	67.1	1886	1445	7.643391	
11	3	14	76.5	1453	1869	8.541748	
12	3	14	91.5	1951	1481	9.346073	
13	3	14	87.8	1320	1541	9.750727	
14	2	14	90.3	1661		11.134425	
15	3	14	76.5	1534	1352	11.897167	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	57.8	1842	1590	0.566055	1
1	1	9	60.8			1.446805	
2	3	9	74.2	1686	1156	1.893508	
3	2	9	50.3	1383		3.572997	
4	3	9	64.1	1398	1472	4.045542	
5	3	9	81.3	1389	1852	4.727164	
6	1	9	68.8			5.744362	
7	2	9	69.9	1205		7.217574	
8	3	9	59.6	1265	1563	8.085341	
9	3	9	68.6	1159	1750	8.443349	
10	3	9	76.4	1843	1558	9.516750	
11	3	9	75.4	1902	1670	10.810061	
12	3	9	91.6	1655	1431	11.111238	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	62.2	1375		0.519372	1
1	3	11	52.9	1128	1100	0.749698	
2	2	11	66.3	1545		1.681905	
3	2	11	99.8	1863		1.942622	
4	2	11	86.2	1635		2.690096	
5	3	11	88.2	1013	1138	3.745233	
6	3	11	58.9	1222	1737	4.360236	
7	3	11	69.1	1447	1608	4.735893	
8	2	11	53.4	1487		5.294935	
9	2	11	60.0	1429		6.120763	
10	2	11	70.0	1542		6.647373	
11	1	11	55.9			7.432775	
12	1	11	56.9			8.140940	
13	3	11	50.3	1427	1717	8.337038	
14	1	11	82.1			9.293149	
15	2	11	58.2	1605		9.524969	
16	3	11	97.9	1515	1924	10.173948	
17	2	11	79.7	1281		11.011487	
18	1	11	76.7			11.840322	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	77.6	1204		0.458896	1
1	2	9	69.5	1244		1.300990	
2	3	9	65.5	1717	1818	2.238150	
3	1	9	89.7			2.793577	
4	2	9	83.8	1513		3.454813	
5	3	9	85.6	1471	1801	4.223904	
6	2	9	80.9	1953		4.544981	
7	1	9	55.7			5.966829	
8	3	9	50.9	1367	1978	6.121892	
9	2	9	70.9	1873		7.239385	
10	2	9	74.8	1635		7.697789	
11	2	9	92.0	1236		8.406635	
12	1	9	58.0			9.189648	
13	2	9	70.4	1160		10.145914	
14	2	9	81.9	1869		11.043628	
15	3	9	80.9	1229	1995	11.920671	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	62.3	1243		0.223693	1
1	2	11	61.3	1177		2.174727	
2	3	11	99.5	1632	1550	2.565209	
3	3	11	86.4	1466	1245	3.842150	
4	2	11	90.7	1376		4.940624	
5	2	11	62.3	1177		6.726377	
6	3	11	91.8	1961	1431	8.280290	
7	2	11	59.2	1746		9.040950	
8	1	11	92.8			10.477962	
9	2	11	73.6	1739		11.814013	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	76.9			0.673025	1
1	1	12	66.3			1.618422	
2	2	12	53.7	1721		3.136374	
3	1	12	95.8			4.005046	
4	3	12	54.2	1461	1150	5.312247	
5	3	12	69.1	1659	1313	6.963007	
6	1	12	78.2			7.317736	
7	3	12	50.5	1280	1311	9.271196	
8	2	12	73.7	1890		10.080939	
9	2	12	58.4	1761		11.487525	

## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	60.0	1622		0.166175	1
1	1	12	54.8			2.654144	
2	1	12	69.8			3.265088	
3	2	12	92.3	1708		5.871231	
4	2	12	55.6	1963		6.868380	
5	2	12	77.5	1750		8.908633	
6	1	12	70.0			9.167626	
7	3	12	64.1	1378	1253	10.771347	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	73.3	1922		1.157954	1
1	2	14	67.8	1843		1.584609	
2	2	14	88.0	1465		2.834402	
3	2	14	66.2	1878		4.178049	
4	1	14	93.3			5.337196	
5	2	14	55.1	1119		6.805116	
6	1	14	74.2			8.942917	
7	1	14	96.7			10.535570	
8	2	14	60.2	1392		11.013116	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	68.4	1545	1065	0.011838	1
1	2	6	84.1	1534		2.338769	
2	2	6	84.4	1016		2.738668	
3	2	6	50.7	1642		4.575164	
4	3	6	72.4	1122	1941	5.405822	
5	1	6	50.8			6.169123	
6	2	6	95.1	1158		7.399000	
7	2	6	89.1	1396		9.108841	
8	2	6	83.9	1996		9.619677	
9	2	6	54.2	1785		10.900910	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	72.3	1218		0.549696	1
1	2	13	93.5	1695		1.792353	
2	1	13	85.6			3.662739	
3	1	13	87.6			4.666013	
4	2	13	96.4	1706		6.291417	
5	3	13	73.2	1666	1518	7.132464	
6	2	13	93.5	1607		9.270828	
7	3	13	84.9	1921	1582	10.348743	
8	2	13	88.4	1514		11.361541	



## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	94.5	1514		0.534968	1
1	3	11	75.8	1246	1689	1.027328	
2	1	11	52.9			1.583483	
3	3	11	50.3	1404	1302	1.986500	
4	3	11	71.4	1028	1358	2.534239	
5	2	11	87.9	1841		3.664434	
6	1	11	83.6			3.982976	
7	3	11	76.8	1791	1500	4.816015	
8	1	11	91.7			5.211155	
9	2	11	63.5	1284		6.075047	
10	2	11	57.5	1149		6.673197	
11	3	11	76.4	1264	1859	7.051388	
12	2	11	59.3	1116		8.090357	
13	2	11	52.4	1540		8.648538	
14	3	11	77.4	1950	1793	9.310776	
15	2	11	69.7	1535		9.751009	
16	1	11	53.9			10.717632	
17	3	11	87.4	1665	1026	11.050558	
18	2	11	62.5	1792		11.956728	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	96.3	1707		0.161492	1
1	2	8	72.5	1503		2.057759	
2	2	8	83.2	1907		3.241277	
3	2	8	61.9	1114		3.794406	
4	1	8	73.5			4.828240	
5	2	8	91.4	1505		5.609236	
6	2	8	97.3	1881		6.876260	
7	2	8	52.5	1543		8.378637	
8	1	8	90.9			9.199928	
9	2	8	68.8	1922		10.267966	
10	2	8	87.4	1296		11.801248	
0	2	8	96.3	1707		0.161492	
1	2	8	72.5	1503		2.057759	
2	2	8	83.2	1907		3.241277	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	77.1			0.583559	1
1	1	12	52.4			1.455019	
2	1	12	90.7			2.637112	
3	2	12	52.6	1590		3.550113	
4	1	12	95.0			4.380485	
5	2	12	72.8	1610		5.901851	
6	3	12	57.1	1131	1616	6.803944	
7	2	12	91.2	1330		7.455468	
8	2	12	89.5	1310		8.206053	
9	1	12	56.8			9.323875	
10	1	12	63.6			10.606604	
11	3	12	74.8	1965	1820	11.174479	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	85.0	1591		0.944981	1
1	3	11	65.2	1115	1889	2.071603	
2	2	11	51.4	1500		2.654517	
3	2	11	58.6	1434		4.331194	
4	2	11	52.7	1860		5.069450	
5	2	11	95.3	1467		7.083910	
6	1	11	56.3			7.929070	
7	2	11	61.3	1913		9.310103	
8	3	11	85.2	1964	1852	10.319548	
9	1	11	82.9			11.830949	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	89.0	1052		0.553941	1
1	3	15	72.9	1600	1199	1.240575	
2	2	15	95.1	1328		2.498735	
3	3	15	93.6	1284	1078	3.065016	
4	1	15	97.9			3.644534	
5	3	15	73.3	1244	1406	4.891665	
6	1	15	50.5			5.522609	
7	3	15	98.3	1958	1206	6.000620	
8	2	15	54.6	1053		7.238472	
9	3	15	85.3	1563	1844	8.097752	
10	2	15	77.7	1496		8.593151	
11	2	15	55.2	1086		9.930212	
12	2	15	70.1	1291		10.432249	
13	1	15	88.5			11.918240	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	87.6	1359		0.428847	1
1	1	16	62.9			1.486894	
2	2	16	87.6	1034		3.468063	
3	3	16	61.3	1924	1070	4.465839	
4	2	16	93.5	1131		4.926499	
5	1	16	67.2			7.059015	
6	3	16	56.8	1726	1254	8.253577	
7	2	16	79.0	1151		9.551961	
8	1	16	65.5			10.299729	
9	2	16	85.7	1607		11.356096	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	55.0	1720		0.710300	1
1	2	13	81.8	1008		2.314830	
2	2	13	81.6	1145		2.781277	
3	3	13	87.7	1404	1211	4.624718	
4	1	13	89.6			5.066601	
5	3	13	65.7	1939	1018	6.455378	
6	3	13	74.6	1679	1442	7.508900	
7	1	13	63.8			9.125488	
8	2	13	55.1	1416		9.754927	
9	1	13	57.1			11.472737	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	75.9	1761		0.645516	1
1	2	8	95.5	1484		1.568636	
2	3	8	76.2	1641	1063	1.813383	
3	1	8	85.6			2.807038	
4	1	8	72.7			3.536989	
5	3	8	62.2	1597	1933	4.662919	
6	2	8	58.2	1723		5.603939	
7	2	8	77.1	1545		6.264786	
8	2	8	92.0	1117		7.082633	
9	2	8	82.3	1704		8.096892	
10	1	8	95.5			8.721201	
11	2	8	75.6	1948		10.007859	
12	2	8	96.5	1710		10.428055	
13	2	8	89.6	1552		11.702933	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	67.7	1390		0.835480	1
1	2	5	59.1	1052		1.078218	
2	3	5	88.9	1881	1209	2.623009	
3	2	5	87.4	1414		3.171759	
4	2	5	75.1	1503		4.127224	
5	3	5	72.9	1507	1495	5.856613	
6	1	5	85.1			6.833335	
7	2	5	98.6	1896		7.675544	
8	2	5	76.5	1149		8.255544	
9	2	5	88.7	1215		9.037016	
10	1	5	68.1			10.548180	
11	2	5	90.0	1087		11.740428	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	86.5	1405		0.572479	1
1	2	17	67.4	1111		1.250428	
2	2	17	70.6	1868		1.623771	
3	1	17	79.7			2.049473	
4	2	17	60.0	1702		3.312459	
5	2	17	99.8	1896		3.485334	
6	3	17	94.7	1439	1830	4.143798	
7	3	17	61.0	1792	1408	4.780067	
8	1	17	76.8			5.373371	
9	3	17	51.8	1164	1570	6.596287	
10	2	17	75.9	1894		7.252144	
11	2	17	95.5	1905		7.554421	
12	2	17	92.3	1794		8.485423	
13	1	17	73.1			8.698528	
14	3	17	90.7	1657	1972	9.369827	
15	2	17	94.8	1952		10.266453	
16	1	17	72.8			11.071880	
17	1	17	59.7			11.403767	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	52.9	1542		0.569323	1
1	2	18	57.5	1097		0.805101	
2	2	18	63.4	1755		1.303858	
3	2	18	51.6	1355		2.000423	
4	2	18	97.9	1377		2.592605	
5	1	18	58.9			3.518930	
6	1	18	53.1			4.123262	
7	2	18	59.9	1883		4.728084	
8	2	18	71.8	1890		5.340248	
9	2	18	54.4	1496		5.875202	
10	3	18	82.9	1329	1373	6.854005	
11	3	18	74.1	1202	1510	7.565399	
12	2	18	61.0	1853		7.698493	
13	2	18	98.2	1179		8.239439	
14	2	18	52.4	1038		8.971281	
15	3	18	79.1	1240	1676	9.948077	
16	1	18	56.9			10.221387	
17	2	18	53.1	1963		10.861624	
18	2	18	55.6	1102		11.955926	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	58.4	1149		0.364075	1
1	3	18	95.7	1411	1168	1.100954	
2	2	18	66.9	1845		1.483261	
3	1	18	91.2			2.055839	
4	2	18	51.3	1829		2.483016	
5	3	18	76.3	1604	1738	3.168496	
6	3	18	59.5	1104	1369	4.043861	
7	2	18	59.9	1322		4.517238	
8	1	18	51.8			5.068851	
9	2	18	71.6	1209		5.862743	
10	1	18	65.1			6.372713	
11	2	18	83.9	1940		6.833065	
12	3	18	69.1	1900	1626	7.368767	
13	2	18	82.2	1789		8.362358	
14	2	18	74.6	1836		8.400324	
15	3	18	92.9	1957	1563	9.413580	
16	3	18	96.1	1160	1000	10.067103	
17	2	18	96.7	1800		10.631910	
18	2	18	78.1	1886		10.909335	
19	3	18	90.8	1684	1197	11.855273	

## Bin5 Statistics 25

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	2	16	70.8	1963		0.070982	1
1	3	16	64.2	1394	1607	1.139681	
2	3	16	55.5	1845	1372	1.735413	
3	2	16	98.3	1700		2.393670	
4	2	16	54.4	1105		3.342330	
5	2	16	93.1	1372		4.480079	
6	1	16	50.3			5.234520	
7	2	16	58.8	1766		5.694205	
8	3	16	82.2	1948	1780	6.654036	
9	1	16	80.5			7.425461	
10	2	16	89.2	1805		7.635890	
11	2	16	72.0	1266		8.430932	
12	3	16	97.7	1260	1680	9.468401	
13	2	16	86.4	1158		9.872782	
14	2	16	71.9	1496		11.123071	
15	3	16	50.2	1284	1676	11.676455	



## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	80.7			0.612732	1
1	2	15	77.8	1488		1.556309	
2	3	15	98.6	1626	1862	2.222284	
3	2	15	81.6	1597		3.347676	
4	1	15	84.7			5.007260	
5	2	15	79.8	1326		6.296600	
6	2	15	74.3	1706		7.283903	
7	2	15	53.7	1176		8.243574	
8	2	15	80.1	1464		9.675704	
9	2	15	88.9	1328		10.240727	
10	2	15	55.5	1766		11.555131	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	80.0	1743	1395	0.196546	1
1	1	14	76.5			0.828411	
2	3	14	62.5	1165	1965	1.931117	
3	2	14	72.2	1078		2.553769	
4	2	14	92.1	1150		3.495386	
5	2	14	60.7	1158		3.745937	
6	2	14	94.2	1612		4.343542	
7	1	14	68.1			5.359260	
8	1	14	78.3			5.978266	
9	1	14	93.2			6.435388	
10	1	14	89.7			7.477587	
11	1	14	74.6			7.861242	
12	2	14	55.7	1211		8.877798	
13	2	14	79.5	1119		9.764336	
14	3	14	96.3	1281	1368	10.009067	
15	1	14	58.0			10.916470	
16	1	14	63.4			11.656832	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	75.9	1507		0.451057	1
1	2	10	80.6	1951		1.230991	
2	1	10	66.4			1.959456	
3	1	10	81.5			3.565235	
4	1	10	75.4			4.254063	
5	1	10	64.9			5.141157	
6	3	10	58.9	1333	1570	5.965478	
7	3	10	64.8	1980	1257	7.123226	
8	2	10	62.8	1276		7.640018	
9	3	10	61.2	1378	1523	8.405744	
10	2	10	56.8	1970		9.533926	
11	2	10	81.0	1407		10.638739	
12	2	10	67.4	1255		11.443233	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	74.3	1495	1648	0.247729	1
1	1	11	82.0			0.975396	
2	1	11	84.6			1.348579	
3	1	11	84.0			2.249734	
4	2	11	80.8	1648		2.559444	
5	2	11	97.1	1034		3.452184	
6	2	11	70.4	1824		4.155649	
7	2	11	56.2	1367		4.678198	
8	2	11	89.0	1408		5.065970	
9	2	11	69.9	1891		5.653672	
10	3	11	91.3	1822	1415	6.107101	
11	1	11	87.9			6.949198	
12	1	11	76.6			7.454878	
13	2	11	94.1	1572		7.801066	
14	2	11	66.6	1053		8.457966	
15	2	11	83.5	1617		9.298859	
16	3	11	70.1	1578	1535	10.078635	
17	2	11	61.8	1937		10.219873	
18	1	11	73.0			11.362797	
19	2	11	96.1	1792		11.718006	

## Bin5 Statistics 30

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	3	16	66.1	1108	1873	0.056627	1
1	2	16	86.6	1194		2.220484	
2	1	16	69.6			3.405960	
3	2	16	88.5	1480		4.314532	
4	3	16	84.2	1466	1957	5.575628	
5	2	16	87.8	1484		7.729759	
6	1	16	67.3			9.318770	
7	3	16	76.2	1061	1320	10.566695	
8	2	16	65.0	1715		11.417303	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530.0	9	1.0	333	1	5634.0, 5604.0, 5595.0, 5613.0, 5639.0, 5717.0, 5578.0, 5433.0, 5714.0, 5520.0, 5334.0, 5447.0, 5418.0, 5272.0, 5369.0, 5264.0, 5558.0, 5656.0, 5336.0, 5707.0, 5612.0, 5253.0, 5479.0, 5360.0, 5381.0, 5395.0, 5516.0, 5298.0, 5444.0, 5415.0, 5531.0, 5373.0, 5429.0, 5403.0, 5720.0, 5644.0, 5537.0, 5471.0, 5694.0, 5572.0, 5651.0, 5588.0, 5252.0, 5568.0, 5255.0, 5643.0, 5426.0, 5556.0, 5495.0, 5388.0, 5468.0, 5408.0, 5569.0, 5409.0, 5709.0, 5299.0, 5357.0, 5609.0, 5330.0, 5335.0, 5329.0, 5337.0, 5637.0, 5629.0, 5627.0, 5347.0, 5528.0, 5583.0, 5303.0, 5423.0, 5515.0, 5287.0, 5461.0, 5700.0, 5280.0, 5652.0, 5546.0, 5710.0, 5509.0, 5279.0, 5632.0, 5658.0, 5589.0, 5359.0, 5321.0, 5554.0, 5580.0, 5327.0, 5697.0, 5543.0, 5261.0, 5454.0, 5561.0, 5305.0, 5489.0, 5649.0, 5586.0, 5631.0, 5284.0, 5645.0 (number of hits: 14)
2	5530.0	9	1.0	333	1	5466.0, 5256.0, 5516.0, 5672.0, 5387.0, 5458.0, 5585.0, 5522.0, 5668.0, 5693.0, 5625.0, 5501.0, 5385.0, 5406.0, 5496.0, 5661.0, 5376.0, 5690.0, 5674.0, 5434.0, 5643.0, 5430.0, 5287.0, 5502.0, 5265.0, 5445.0, 5327.0, 5367.0, 5594.0, 5378.0, 5538.0, 5692.0, 5671.0, 5295.0, 5438.0, 5391.0, 5319.0, 5519.0, 5606.0, 5397.0, 5443.0, 5572.0, 5345.0, 5723.0, 5504.0, 5554.0, 5611.0, 5719.0, 5635.0, 5305.0, 5410.0, 5567.0, 5253.0, 5704.0, 5322.0, 5468.0, 5465.0, 5426.0, 5441.0, 5500.0, 5658.0, 5666.0, 5439.0, 5453.0, 5583.0, 5277.0, 5571.0, 5412.0, 5602.0, 5720.0, 5588.0, 5529.0, 5645.0, 5507.0, 5560.0, 5313.0, 5302.0, 5460.0, 5650.0, 5284.0, 5681.0, 5486.0, 5632.0, 5442.0, 5409.0, 5377.0, 5598.0, 5404.0, 5652.0, 5639.0, 5326.0, 5545.0, 5415.0, 5675.0, 5306.0, 5561.0, 5649.0, 5436.0, 5644.0, 5416.0 (number of hits: 16)
3	5530.0	9	1.0	333	1	5536.0, 5398.0, 5284.0, 5474.0, 5489.0, 5492.0, 5374.0, 5340.0, 5582.0, 5347.0, 5283.0, 5386.0, 5418.0, 5700.0, 5559.0, 5270.0, 5530.0, 5351.0, 5470.0, 5467.0, 5395.0, 5288.0, 5520.0, 5471.0, 5629.0, 5539.0, 5657.0, 5438.0, 5491.0, 5381.0, 5638.0, 5496.0, 5346.0, 5671.0, 5625.0, 5702.0, 5317.0, 5640.0, 5639.0, 5535.0, 5454.0, 5327.0, 5362.0, 5302.0, 5265.0, 5595.0, 5660.0, 5280.0, 5619.0, 5678.0, 5594.0, 5513.0, 5609.0, 5661.0, 5547.0, 5540.0, 5585.0, 5402.0, 5253.0, 5436.0, 5587.0, 5286.0, 5290.0, 5512.0, 5427.0, 5526.0, 5504.0, 5425.0, 5394.0, 5390.0, 5518.0, 5606.0, 5524.0, 5304.0, 5367.0, 5430.0, 5416.0, 5571.0, 5252.0, 5355.0, 5635.0, 5465.0, 5617.0, 5589.0, 5688.0, 5674.0, 5672.0, 5373.0, 5564.0, 5258.0, 5651.0, 5490.0, 5325.0, 5377.0, 5369.0, 5469.0, 5679.0, 5262.0, 5689.0, 5695.0 (number of hits: 17)
4	5530.0	9	1.0	333	1	5378.0, 5485.0, 5604.0, 5255.0, 5321.0, 5660.0, 5467.0, 5304.0, 5591.0, 5525.0, 5444.0, 5634.0, 5315.0, 5602.0, 5605.0, 5666.0, 5653.0, 5538.0, 5452.0, 5314.0, 5709.0, 5332.0, 5568.0, 5644.0, 5339.0, 5640.0, 5329.0, 5375.0, 5397.0, 5376.0, 5486.0, 5554.0, 5432.0, 5703.0, 5354.0, 5630.0, 5623.0, 5544.0, 5416.0, 5583.0, 5578.0, 5696.0, 5584.0, 5607.0, 5365.0, 5698.0, 5570.0, 5657.0, 5386.0, 5495.0, 5344.0, 5405.0, 5613.0, 5358.0, 5273.0, 5423.0, 5422.0, 5536.0, 5371.0, 5532.0, 5296.0, 5320.0, 5594.0, 5373.0, 5394.0, 5686.0, 5603.0, 5406.0, 5269.0, 5473.0, 5287.0, 5328.0, 5608.0, 5398.0, 5374.0, 5348.0, 5537.0, 5276.0, 5615.0, 5592.0, 5576.0, 5500.0, 5419.0, 5336.0, 5301.0, 5338.0, 5392.0, 5324.0, 5288.0, 5345.0, 5606.0, 5393.0, 5299.0, 5706.0, 5437.0, 5651.0, 5253.0, 5261.0, 5567.0, 5685.0 (number of hits: 10)
5	5530.0	9	1.0	333	1	5663.0, 5611.0, 5380.0, 5386.0, 5459.0, 5591.0, 5467.0, 5280.0, 5628.0, 5433.0, 5304.0, 5269.0, 5267.0, 5507.0, 5261.0, 5423.0, 5641.0, 5710.0, 5616.0, 5344.0, 5707.0, 5388.0, 5455.0, 5373.0,

						5279.0, 5723.0, 5670.0, 5722.0, 5316.0, 5477.0, 5610.0, 5631.0, 5325.0, 5251.0, 5366.0, 5509.0, 5326.0, 5586.0, 5451.0, 5468.0, 5258.0, 5605.0, 5370.0, 5655.0, 5697.0, 5474.0, 5501.0, 5293.0, 5429.0, 5355.0, 5368.0, 5553.0, 5406.0, 5460.0, 5539.0, 5512.0, 5602.0, 5635.0, 5568.0, 5529.0, 5711.0, 5630.0, 5497.0, 5505.0, 5620.0, 5330.0, 5439.0, 5353.0, 5418.0, 5542.0, 5709.0, 5453.0, 5271.0, 5436.0, 5678.0, 5384.0, 5600.0, 5653.0, 5343.0, 5294.0, 5712.0, 5578.0, 5637.0, 5629.0, 5708.0, 5454.0, 5391.0, 5574.0, 5276.0, 5324.0, 5717.0, 5716.0, 5503.0, 5525.0, 5530.0, 5554.0, 5302.0, 5298.0, 5682.0, 5685.0 (number of hits: 14)
6	5530.0	9	1.0	333	1	5605.0, 5544.0, 5333.0, 5634.0, 5671.0, 5665.0, 5578.0, 5431.0, 5519.0, 5402.0, 5337.0, 5636.0, 5608.0, 5524.0, 5609.0, 5459.0, 5481.0, 5515.0, 5623.0, 5429.0, 5408.0, 5670.0, 5715.0, 5540.0, 5564.0, 5644.0, 5425.0, 5267.0, 5522.0, 5722.0, 5274.0, 5625.0, 5631.0, 5511.0, 5444.0, 5309.0, 5661.0, 5559.0, 5615.0, 5652.0, 5393.0, 5575.0, 5660.0, 5475.0, 5314.0, 5269.0, 5278.0, 5613.0, 5688.0, 5308.0, 5443.0, 5502.0, 5510.0, 5363.0, 5455.0, 5477.0, 5662.0, 5323.0, 5531.0, 5526.0, 5572.0, 5256.0, 5566.0, 5483.0, 5676.0, 5318.0, 5508.0, 5391.0, 5458.0, 5374.0, 5503.0, 5419.0, 5535.0, 5496.0, 5415.0, 5316.0, 5707.0, 5339.0, 5448.0, 5418.0, 5690.0, 5350.0, 5338.0, 5537.0, 5463.0, 5310.0, 5717.0, 5692.0, 5545.0, 5386.0, 5709.0, 5450.0, 5369.0, 5701.0, 5377.0, 5436.0, 5595.0, 5499.0, 5721.0, 5321.0 (number of hits: 21)
7	5530.0	9	1.0	333	1	5666.0, 5518.0, 5377.0, 5263.0, 5601.0, 5593.0, 5568.0, 5519.0, 5431.0, 5626.0, 5411.0, 5307.0, 5285.0, 5578.0, 5540.0, 5251.0, 5513.0, 5572.0, 5309.0, 5563.0, 5710.0, 5469.0, 5674.0, 5611.0, 5529.0, 5352.0, 5253.0, 5523.0, 5455.0, 5336.0, 5638.0, 5521.0, 5530.0, 5471.0, 5438.0, 5682.0, 5605.0, 5517.0, 5256.0, 5437.0, 5690.0, 5380.0, 5363.0, 5407.0, 5484.0, 5482.0, 5364.0, 5370.0, 5398.0, 5512.0, 5654.0, 5281.0, 5317.0, 5496.0, 5434.0, 5602.0, 5532.0, 5300.0, 5372.0, 5647.0, 5547.0, 5681.0, 5427.0, 5680.0, 5275.0, 5258.0, 5672.0, 5453.0, 5525.0, 5595.0, 5267.0, 5661.0, 5335.0, 5360.0, 5628.0, 5397.0, 5334.0, 5677.0, 5526.0, 5483.0, 5289.0, 5604.0, 5577.0, 5330.0, 5466.0, 5569.0, 5357.0, 5592.0, 5579.0, 5685.0, 5383.0, 5454.0, 5533.0, 5389.0, 5351.0, 5600.0, 5668.0, 5259.0, 5287.0, 5346.0 (number of hits: 17)
8	5530.0	9	1.0	333	1	5644.0, 5554.0, 5431.0, 5266.0, 5680.0, 5488.0, 5510.0, 5380.0, 5486.0, 5405.0, 5284.0, 5606.0, 5355.0, 5252.0, 5270.0, 5476.0, 5391.0, 5543.0, 5308.0, 5294.0, 5688.0, 5333.0, 5607.0, 5452.0, 5325.0, 5505.0, 5559.0, 5384.0, 5430.0, 5458.0, 5435.0, 5363.0, 5710.0, 5330.0, 5394.0, 5360.0, 5257.0, 5496.0, 5498.0, 5723.0, 5448.0, 5259.0, 5347.0, 5271.0, 5615.0, 5382.0, 5376.0, 5722.0, 5633.0, 5705.0, 5685.0, 5636.0, 5268.0, 5509.0, 5424.0, 5441.0, 5717.0, 5632.0, 5631.0, 5669.0, 5272.0, 5474.0, 5522.0, 5629.0, 5712.0, 5684.0, 5682.0, 5588.0, 5658.0, 5373.0, 5449.0, 5292.0, 5454.0, 5587.0, 5443.0, 5568.0, 5401.0, 5562.0, 5494.0, 5340.0, 5331.0, 5473.0, 5293.0, 5657.0, 5484.0, 5408.0, 5548.0, 5619.0, 5393.0, 5569.0, 5508.0, 5630.0, 5462.0, 5262.0, 5549.0, 5418.0, 5516.0, 5312.0, 5538.0, 5573.0 (number of hits: 16)
9	5530.0	9	1.0	333	1	5276.0, 5561.0, 5621.0, 5698.0, 5440.0, 5553.0, 5685.0, 5689.0, 5565.0, 5585.0, 5403.0, 5618.0, 5509.0, 5637.0, 5605.0, 5414.0, 5452.0, 5261.0, 5707.0, 5412.0, 5476.0, 5450.0, 5545.0, 5601.0, 5537.0, 5566.0, 5391.0, 5676.0, 5526.0, 5582.0, 5644.0, 5482.0, 5486.0, 5271.0, 5472.0, 5335.0, 5547.0, 5505.0, 5281.0, 5380.0, 5683.0, 5285.0, 5629.0, 5426.0, 5672.0, 5485.0, 5615.0, 5587.0, 5364.0, 5336.0, 5691.0, 5384.0, 5620.0, 5358.0, 5448.0, 5515.0, 5571.0, 5597.0, 5574.0, 5457.0, 5616.0, 5415.0, 5262.0, 5492.0, 5539.0, 5420.0, 5570.0, 5711.0, 5642.0, 5385.0, 5256.0, 5556.0, 5330.0, 5251.0, 5355.0, 5290.0, 5651.0, 5348.0, 5389.0, 5595.0, 5280.0, 5445.0, 5481.0, 5266.0, 5455.0, 5697.0, 5664.0, 5278.0, 5295.0, 5376.0, 5665.0, 5250.0, 5643.0, 5345.0, 5291.0, 5282.0,

						5563.0, 5703.0, 5367.0, 5454.0 (number of hits: 15)
10	5530.0	9	1.0	333	1	5517.0, 5487.0, 5415.0, 5386.0, 5618.0, 5453.0, 5427.0, 5636.0, 5398.0, 5265.0, 5700.0, 5352.0, 5540.0, 5699.0, 5524.0, 5718.0, 5556.0, 5602.0, 5620.0, 5512.0, 5433.0, 5461.0, 5401.0, 5313.0, 5465.0, 5485.0, 5378.0, 5357.0, 5294.0, 5364.0, 5432.0, 5362.0, 5632.0, 5614.0, 5704.0, 5367.0, 5411.0, 5660.0, 5328.0, 5519.0, 5671.0, 5520.0, 5496.0, 5332.0, 5466.0, 5306.0, 5305.0, 5505.0, 5553.0, 5270.0, 5683.0, 5425.0, 5454.0, 5489.0, 5258.0, 5475.0, 5391.0, 5353.0, 5279.0, 5579.0, 5361.0, 5514.0, 5491.0, 5314.0, 5359.0, 5619.0, 5407.0, 5379.0, 5442.0, 5684.0, 5634.0, 5471.0, 5503.0, 5445.0, 5347.0, 5679.0, 5528.0, 5467.0, 5590.0, 5360.0, 5256.0, 5272.0, 5687.0, 5591.0, 5568.0, 5720.0, 5366.0, 5509.0, 5257.0, 5288.0, 5330.0, 5478.0, 5326.0, 5404.0, 5603.0, 5285.0, 5410.0, 5443.0, 5469.0, 5629.0 (number of hits: 14)
11	5530.0	9	1.0	333	1	5493.0, 5356.0, 5268.0, 5486.0, 5457.0, 5476.0, 5677.0, 5469.0, 5620.0, 5267.0, 5526.0, 5276.0, 5390.0, 5376.0, 5669.0, 5562.0, 5649.0, 5481.0, 5344.0, 5619.0, 5369.0, 5595.0, 5428.0, 5648.0, 5349.0, 5473.0, 5556.0, 5535.0, 5557.0, 5701.0, 5357.0, 5445.0, 5651.0, 5374.0, 5712.0, 5687.0, 5404.0, 5632.0, 5604.0, 5582.0, 5441.0, 5351.0, 5419.0, 5305.0, 5342.0, 5252.0, 5570.0, 5508.0, 5392.0, 5578.0, 5710.0, 5655.0, 5400.0, 5656.0, 5434.0, 5496.0, 5417.0, 5672.0, 5478.0, 5361.0, 5663.0, 5524.0, 5306.0, 5715.0, 5347.0, 5711.0, 5517.0, 5514.0, 5279.0, 5616.0, 5378.0, 5458.0, 5625.0, 5452.0, 5696.0, 5285.0, 5630.0, 5560.0, 5592.0, 5384.0, 5614.0, 5442.0, 5519.0, 5521.0, 5364.0, 5315.0, 5273.0, 5431.0, 5553.0, 5275.0, 5358.0, 5541.0, 5340.0, 5674.0, 5529.0, 5332.0, 5421.0, 5373.0, 5594.0, 5302.0 (number of hits: 17)
12	5530.0	9	1.0	333	1	5454.0, 5545.0, 5362.0, 5451.0, 5353.0, 5417.0, 5481.0, 5581.0, 5636.0, 5548.0, 5559.0, 5688.0, 5288.0, 5291.0, 5405.0, 5544.0, 5512.0, 5364.0, 5630.0, 5667.0, 5519.0, 5442.0, 5553.0, 5531.0, 5499.0, 5473.0, 5374.0, 5391.0, 5445.0, 5647.0, 5450.0, 5399.0, 5610.0, 5533.0, 5356.0, 5624.0, 5343.0, 5443.0, 5576.0, 5568.0, 5517.0, 5385.0, 5543.0, 5322.0, 5695.0, 5346.0, 5660.0, 5404.0, 5253.0, 5651.0, 5510.0, 5696.0, 5691.0, 5277.0, 5382.0, 5428.0, 5270.0, 5584.0, 5486.0, 5689.0, 5441.0, 5352.0, 5635.0, 5644.0, 5259.0, 5409.0, 5681.0, 5679.0, 5702.0, 5251.0, 5276.0, 5416.0, 5642.0, 5297.0, 5433.0, 5255.0, 5377.0, 5386.0, 5357.0, 5492.0, 5509.0, 5332.0, 5257.0, 5300.0, 5267.0, 5392.0, 5389.0, 5547.0, 5476.0, 5290.0, 5460.0, 5669.0, 5615.0, 5380.0, 5375.0, 5716.0, 5419.0, 5629.0, 5312.0, 5279.0 (number of hits: 16)
13	5530.0	9	1.0	333	1	5582.0, 5513.0, 5411.0, 5672.0, 5310.0, 5451.0, 5611.0, 5460.0, 5488.0, 5270.0, 5496.0, 5718.0, 5539.0, 5422.0, 5395.0, 5493.0, 5557.0, 5637.0, 5711.0, 5497.0, 5481.0, 5527.0, 5574.0, 5484.0, 5414.0, 5614.0, 5615.0, 5470.0, 5575.0, 5275.0, 5326.0, 5653.0, 5254.0, 5417.0, 5383.0, 5415.0, 5284.0, 5483.0, 5396.0, 5504.0, 5393.0, 5305.0, 5512.0, 5431.0, 5309.0, 5549.0, 5522.0, 5663.0, 5531.0, 5416.0, 5565.0, 5598.0, 5406.0, 5606.0, 5716.0, 5679.0, 5456.0, 5487.0, 5266.0, 5386.0, 5724.0, 5387.0, 5678.0, 5705.0, 5332.0, 5318.0, 5583.0, 5629.0, 5540.0, 5425.0, 5424.0, 5703.0, 5498.0, 5259.0, 5363.0, 5502.0, 5358.0, 5317.0, 5463.0, 5364.0, 5277.0, 5263.0, 5662.0, 5304.0, 5302.0, 5509.0, 5423.0, 5613.0, 5650.0, 5308.0, 5722.0, 5567.0, 5708.0, 5316.0, 5333.0, 5589.0, 5628.0, 5391.0, 5635.0, 5296.0 (number of hits: 18)
14	5530.0	9	1.0	333	1	5573.0, 5349.0, 5537.0, 5295.0, 5715.0, 5554.0, 5273.0, 5289.0, 5433.0, 5641.0, 5405.0, 5531.0, 5481.0, 5297.0, 5382.0, 5487.0, 5366.0, 5497.0, 5703.0, 5532.0, 5528.0, 5545.0, 5411.0, 5506.0, 5530.0, 5454.0, 5605.0, 5621.0, 5520.0, 5590.0, 5395.0, 5252.0, 5293.0, 5400.0, 5261.0, 5547.0, 5459.0, 5307.0, 5665.0, 5687.0, 5690.0, 5633.0, 5453.0, 5560.0, 5422.0, 5636.0, 5290.0, 5699.0, 5660.0, 5452.0, 5706.0, 5572.0, 5544.0, 5386.0, 5485.0, 5682.0, 5593.0, 5713.0, 5473.0, 5642.0, 5359.0, 5718.0, 5578.0, 5685.0,

						5691.0, 5676.0, 5345.0, 5710.0, 5365.0, 5681.0, 5490.0, 5401.0, 5669.0, 5495.0, 5516.0, 5583.0, 5704.0, 5595.0, 5440.0, 5412.0, 5449.0, 5511.0, 5527.0, 5423.0, 5561.0, 5444.0, 5634.0, 5277.0, 5589.0, 5565.0, 5613.0, 5639.0, 5330.0, 5684.0, 5640.0, 5407.0, 5586.0, 5409.0, 5371.0, 5264.0 (number of hits: 19)
15	5530.0	9	1.0	333	1	5326.0, 5401.0, 5270.0, 5463.0, 5602.0, 5584.0, 5404.0, 5670.0, 5433.0, 5506.0, 5605.0, 5624.0, 5601.0, 5683.0, 5381.0, 5473.0, 5636.0, 5704.0, 5528.0, 5503.0, 5306.0, 5486.0, 5394.0, 5678.0, 5690.0, 5418.0, 5599.0, 5323.0, 5578.0, 5484.0, 5253.0, 5577.0, 5485.0, 5669.0, 5587.0, 5668.0, 5676.0, 5659.0, 5588.0, 5421.0, 5611.0, 5654.0, 5315.0, 5269.0, 5549.0, 5511.0, 5389.0, 5685.0, 5362.0, 5405.0, 5530.0, 5537.0, 5705.0, 5307.0, 5539.0, 5318.0, 5514.0, 5264.0, 5574.0, 5335.0, 5440.0, 5724.0, 5557.0, 5606.0, 5585.0, 5465.0, 5470.0, 5351.0, 5276.0, 5304.0, 5452.0, 5544.0, 5660.0, 5431.0, 5689.0, 5573.0, 5397.0, 5333.0, 5491.0, 5538.0, 5548.0, 5313.0, 5321.0, 5350.0, 5338.0, 5527.0, 5437.0, 5691.0, 5561.0, 5556.0, 5478.0, 5518.0, 5344.0, 5658.0, 5569.0, 5256.0, 5434.0, 5265.0, 5312.0, 5424.0 (number of hits: 17)
16	5530.0	9	1.0	333	1	5332.0, 5645.0, 5303.0, 5617.0, 5411.0, 5421.0, 5683.0, 5532.0, 5711.0, 5512.0, 5260.0, 5471.0, 5299.0, 5694.0, 5614.0, 5615.0, 5333.0, 5459.0, 5366.0, 5463.0, 5718.0, 5523.0, 5670.0, 5466.0, 5438.0, 5425.0, 5721.0, 5451.0, 5722.0, 5410.0, 5604.0, 5709.0, 5324.0, 5315.0, 5498.0, 5592.0, 5686.0, 5570.0, 5578.0, 5441.0, 5586.0, 5551.0, 5412.0, 5561.0, 5700.0, 5419.0, 5256.0, 5516.0, 5527.0, 5563.0, 5464.0, 5564.0, 5583.0, 5481.0, 5580.0, 5330.0, 5620.0, 5293.0, 5510.0, 5603.0, 5402.0, 5713.0, 5289.0, 5618.0, 5371.0, 5693.0, 5473.0, 5503.0, 5309.0, 5381.0, 5714.0, 5364.0, 5340.0, 5379.0, 5350.0, 5430.0, 5647.0, 5321.0, 5389.0, 5370.0, 5273.0, 5565.0, 5403.0, 5268.0, 5545.0, 5525.0, 5374.0, 5378.0, 5619.0, 5254.0, 5661.0, 5336.0, 5601.0, 5528.0, 5656.0, 5504.0, 5505.0, 5552.0, 5520.0, 5409.0 (number of hits: 20)
17	5530.0	9	1.0	333	1	5530.0, 5560.0, 5514.0, 5584.0, 5610.0, 5470.0, 5268.0, 5401.0, 5407.0, 5533.0, 5280.0, 5380.0, 5571.0, 5261.0, 5686.0, 5312.0, 5641.0, 5575.0, 5484.0, 5272.0, 5698.0, 5262.0, 5431.0, 5469.0, 5439.0, 5508.0, 5420.0, 5498.0, 5685.0, 5320.0, 5298.0, 5504.0, 5369.0, 5606.0, 5578.0, 5608.0, 5378.0, 5703.0, 5436.0, 5586.0, 5567.0, 5473.0, 5406.0, 5490.0, 5461.0, 5585.0, 5543.0, 5434.0, 5696.0, 5561.0, 5394.0, 5390.0, 5269.0, 5699.0, 5640.0, 5704.0, 5553.0, 5674.0, 5462.0, 5273.0, 5550.0, 5647.0, 5672.0, 5592.0, 5724.0, 5638.0, 5255.0, 5303.0, 5475.0, 5410.0, 5405.0, 5324.0, 5658.0, 5614.0, 5347.0, 5382.0, 5289.0, 5596.0, 5258.0, 5253.0, 5343.0, 5311.0, 5569.0, 5302.0, 5635.0, 5358.0, 5580.0, 5607.0, 5496.0, 5611.0, 5595.0, 5279.0, 5500.0, 5299.0, 5370.0, 5388.0, 5512.0, 5525.0, 5376.0, 5455.0 (number of hits: 16)
18	5530.0	9	1.0	333	1	5288.0, 5506.0, 5280.0, 5605.0, 5691.0, 5399.0, 5384.0, 5628.0, 5721.0, 5572.0, 5299.0, 5513.0, 5383.0, 5504.0, 5422.0, 5552.0, 5584.0, 5263.0, 5548.0, 5254.0, 5559.0, 5264.0, 5375.0, 5466.0, 5293.0, 5545.0, 5440.0, 5267.0, 5443.0, 5522.0, 5631.0, 5449.0, 5557.0, 5251.0, 5616.0, 5302.0, 5470.0, 5560.0, 5283.0, 5597.0, 5287.0, 5367.0, 5623.0, 5709.0, 5438.0, 5450.0, 5371.0, 5561.0, 5397.0, 5420.0, 5297.0, 5650.0, 5332.0, 5683.0, 5305.0, 5378.0, 5336.0, 5334.0, 5634.0, 5682.0, 5660.0, 5514.0, 5431.0, 5651.0, 5274.0, 5363.0, 5724.0, 5581.0, 5475.0, 5392.0, 5640.0, 5502.0, 5544.0, 5398.0, 5606.0, 5412.0, 5362.0, 5546.0, 5252.0, 5310.0, 5720.0, 5604.0, 5454.0, 5646.0, 5340.0, 5424.0, 5717.0, 5716.0, 5657.0, 5621.0, 5550.0, 5377.0, 5306.0, 5637.0, 5674.0, 5503.0, 5447.0, 5629.0, 5351.0, 5565.0 (number of hits: 18)
19	5530.0	9	1.0	333	1	5653.0, 5655.0, 5327.0, 5387.0, 5326.0, 5318.0, 5436.0, 5551.0, 5607.0, 5694.0, 5707.0, 5457.0, 5658.0, 5494.0, 5562.0, 5469.0, 5379.0, 5673.0, 5455.0, 5683.0, 5475.0, 5570.0, 5495.0, 5316.0, 5468.0, 5405.0, 5716.0, 5504.0, 5353.0, 5278.0, 5277.0, 5287.0,

						5502.0, 5517.0, 5649.0, 5555.0, 5628.0, 5700.0, 5516.0, 5484.0, 5667.0, 5566.0, 5616.0, 5648.0, 5483.0, 5718.0, 5441.0, 5680.0, 5464.0, 5651.0, 5385.0, 5621.0, 5598.0, 5322.0, 5404.0, 5386.0, 5619.0, 5712.0, 5342.0, 5465.0, 5274.0, 5380.0, 5310.0, 5645.0, 5426.0, 5659.0, 5293.0, 5314.0, 5720.0, 5639.0, 5519.0, 5430.0, 5273.0, 5650.0, 5439.0, 5290.0, 5446.0, 5284.0, 5268.0, 5721.0, 5544.0, 5350.0, 5355.0, 5643.0, 5305.0, 5546.0, 5506.0, 5509.0, 5505.0, 5630.0, 5589.0, 5463.0, 5665.0, 5423.0, 5550.0, 5440.0, 5382.0, 5474.0, 5499.0, 5376.0 (number of hits: 18 )
20	5530.0	9	1.0	333	1	5605.0, 5560.0, 5339.0, 5443.0, 5366.0, 5297.0, 5658.0, 5433.0, 5593.0, 5575.0, 5641.0, 5517.0, 5681.0, 5436.0, 5557.0, 5673.0, 5346.0, 5451.0, 5439.0, 5723.0, 5583.0, 5338.0, 5551.0, 5630.0, 5573.0, 5279.0, 5306.0, 5485.0, 5699.0, 5714.0, 5370.0, 5519.0, 5465.0, 5274.0, 5257.0, 5377.0, 5525.0, 5610.0, 5683.0, 5472.0, 5541.0, 5529.0, 5570.0, 5707.0, 5321.0, 5645.0, 5375.0, 5314.0, 5498.0, 5535.0, 5634.0, 5564.0, 5420.0, 5492.0, 5343.0, 5620.0, 5711.0, 5662.0, 5317.0, 5704.0, 5312.0, 5261.0, 5275.0, 5453.0, 5652.0, 5494.0, 5428.0, 5305.0, 5629.0, 5432.0, 5405.0, 5277.0, 5304.0, 5705.0, 5507.0, 5258.0, 5429.0, 5478.0, 5335.0, 5686.0, 5365.0, 5550.0, 5302.0, 5632.0, 5309.0, 5703.0, 5717.0, 5383.0, 5435.0, 5679.0, 5672.0, 5700.0, 5273.0, 5680.0, 5342.0, 5521.0, 5406.0, 5322.0, 5469.0, 5706.0 (number of hits: 16 )
21	5530.0	9	1.0	333	1	5270.0, 5714.0, 5393.0, 5611.0, 5498.0, 5700.0, 5331.0, 5420.0, 5609.0, 5485.0, 5438.0, 5489.0, 5314.0, 5293.0, 5419.0, 5257.0, 5519.0, 5296.0, 5441.0, 5501.0, 5596.0, 5544.0, 5463.0, 5280.0, 5341.0, 5271.0, 5346.0, 5695.0, 5505.0, 5345.0, 5652.0, 5577.0, 5268.0, 5659.0, 5626.0, 5406.0, 5458.0, 5708.0, 5638.0, 5344.0, 5565.0, 5443.0, 5676.0, 5499.0, 5308.0, 5355.0, 5553.0, 5509.0, 5415.0, 5654.0, 5630.0, 5391.0, 5407.0, 5705.0, 5482.0, 5453.0, 5591.0, 5387.0, 5396.0, 5278.0, 5322.0, 5599.0, 5712.0, 5682.0, 5694.0, 5681.0, 5541.0, 5379.0, 5311.0, 5500.0, 5302.0, 5642.0, 5348.0, 5333.0, 5670.0, 5634.0, 5646.0, 5381.0, 5666.0, 5632.0, 5444.0, 5294.0, 5408.0, 5584.0, 5589.0, 5517.0, 5288.0, 5472.0, 5373.0, 5254.0, 5283.0, 5548.0, 5717.0, 5446.0, 5604.0, 5411.0, 5570.0, 5540.0, 5685.0, 5343.0 (number of hits: 14 )
22	5530.0	9	1.0	333	1	5632.0, 5534.0, 5380.0, 5679.0, 5486.0, 5636.0, 5414.0, 5437.0, 5408.0, 5282.0, 5383.0, 5580.0, 5618.0, 5415.0, 5347.0, 5579.0, 5642.0, 5419.0, 5647.0, 5354.0, 5696.0, 5333.0, 5483.0, 5572.0, 5474.0, 5374.0, 5407.0, 5707.0, 5506.0, 5513.0, 5262.0, 5520.0, 5281.0, 5442.0, 5353.0, 5631.0, 5464.0, 5589.0, 5259.0, 5676.0, 5533.0, 5704.0, 5628.0, 5395.0, 5344.0, 5688.0, 5641.0, 5389.0, 5266.0, 5613.0, 5350.0, 5602.0, 5420.0, 5551.0, 5658.0, 5461.0, 5615.0, 5712.0, 5351.0, 5478.0, 5503.0, 5612.0, 5588.0, 5684.0, 5576.0, 5301.0, 5377.0, 5561.0, 5567.0, 5400.0, 5623.0, 5256.0, 5476.0, 5587.0, 5705.0, 5396.0, 5610.0, 5275.0, 5296.0, 5458.0, 5630.0, 5489.0, 5491.0, 5292.0, 5583.0, 5430.0, 5462.0, 5570.0, 5723.0, 5680.0, 5360.0, 5267.0, 5566.0, 5352.0, 5721.0, 5607.0, 5568.0, 5308.0, 5595.0, 5330.0 (number of hits: 10 )
23	5530.0	9	1.0	333	1	5679.0, 5465.0, 5425.0, 5483.0, 5525.0, 5335.0, 5336.0, 5438.0, 5634.0, 5341.0, 5418.0, 5533.0, 5443.0, 5522.0, 5502.0, 5604.0, 5571.0, 5358.0, 5539.0, 5391.0, 5476.0, 5332.0, 5279.0, 5286.0, 5390.0, 5432.0, 5366.0, 5313.0, 5257.0, 5540.0, 5591.0, 5485.0, 5617.0, 5278.0, 5291.0, 5428.0, 5333.0, 5624.0, 5549.0, 5646.0, 5355.0, 5542.0, 5698.0, 5576.0, 5475.0, 5420.0, 5570.0, 5360.0, 5312.0, 5290.0, 5718.0, 5263.0, 5560.0, 5386.0, 5454.0, 5307.0, 5515.0, 5600.0, 5588.0, 5705.0, 5636.0, 5545.0, 5520.0, 5416.0, 5255.0, 5565.0, 5409.0, 5362.0, 5550.0, 5628.0, 5303.0, 5670.0, 5254.0, 5704.0, 5492.0, 5441.0, 5597.0, 5414.0, 5478.0, 5551.0, 5519.0, 5411.0, 5277.0, 5590.0, 5677.0, 5330.0, 5524.0, 5685.0, 5260.0, 5293.0, 5719.0, 5532.0, 5401.0, 5671.0, 5298.0, 5690.0, 5469.0, 5701.0, 5601.0, 5521.0 (number of hits: 20 )



24	5530.0	9	1.0	333	1	5524.0, 5329.0, 5424.0, 5615.0, 5623.0, 5339.0, 5607.0, 5679.0, 5626.0, 5436.0, 5415.0, 5465.0, 5507.0, 5663.0, 5517.0, 5611.0, 5252.0, 5720.0, 5566.0, 5706.0, 5613.0, 5723.0, 5355.0, 5589.0, 5292.0, 5504.0, 5263.0, 5373.0, 5320.0, 5665.0, 5348.0, 5650.0, 5505.0, 5719.0, 5460.0, 5459.0, 5254.0, 5293.0, 5545.0, 5508.0, 5667.0, 5646.0, 5450.0, 5495.0, 5624.0, 5601.0, 5561.0, 5313.0, 5278.0, 5315.0, 5326.0, 5282.0, 5491.0, 5486.0, 5455.0, 5333.0, 5651.0, 5541.0, 5653.0, 5711.0, 5534.0, 5408.0, 5586.0, 5657.0, 5251.0, 5272.0, 5499.0, 5260.0, 5414.0, 5571.0, 5319.0, 5658.0, 5281.0, 5490.0, 5416.0, 5452.0, 5336.0, 5496.0, 5702.0, 5269.0, 5398.0, 5305.0, 5722.0, 5598.0, 5380.0, 5261.0, 5298.0, 5388.0, 5359.0, 5347.0, 5338.0, 5661.0, 5664.0, 5567.0, 5318.0, 5413.0, 5583.0, 5375.0, 5713.0, 5255.0 (number of hits: 15)
25	5530.0	9	1.0	333	1	5262.0, 5722.0, 5388.0, 5530.0, 5525.0, 5554.0, 5566.0, 5657.0, 5667.0, 5398.0, 5348.0, 5277.0, 5616.0, 5444.0, 5442.0, 5413.0, 5420.0, 5682.0, 5483.0, 5585.0, 5494.0, 5366.0, 5294.0, 5263.0, 5381.0, 5374.0, 5614.0, 5313.0, 5383.0, 5571.0, 5628.0, 5282.0, 5391.0, 5639.0, 5260.0, 5319.0, 5373.0, 5515.0, 5565.0, 5579.0, 5630.0, 5486.0, 5526.0, 5534.0, 5325.0, 5326.0, 5303.0, 5465.0, 5660.0, 5592.0, 5284.0, 5446.0, 5703.0, 5462.0, 5350.0, 5341.0, 5668.0, 5550.0, 5369.0, 5382.0, 5533.0, 5623.0, 5522.0, 5286.0, 5346.0, 5666.0, 5654.0, 5578.0, 5407.0, 5385.0, 5368.0, 5441.0, 5675.0, 5560.0, 5269.0, 5418.0, 5540.0, 5613.0, 5701.0, 5671.0, 5513.0, 5317.0, 5636.0, 5573.0, 5596.0, 5481.0, 5344.0, 5400.0, 5607.0, 5719.0, 5330.0, 5647.0, 5355.0, 5669.0, 5479.0, 5395.0, 5478.0, 5297.0, 5538.0, 5678.0 (number of hits: 16)
26	5530.0	9	1.0	333	1	5333.0, 5491.0, 5619.0, 5407.0, 5441.0, 5273.0, 5554.0, 5721.0, 5471.0, 5346.0, 5405.0, 5555.0, 5309.0, 5395.0, 5436.0, 5621.0, 5350.0, 5612.0, 5498.0, 5479.0, 5251.0, 5705.0, 5390.0, 5266.0, 5503.0, 5275.0, 5384.0, 5661.0, 5563.0, 5671.0, 5527.0, 5543.0, 5393.0, 5382.0, 5669.0, 5634.0, 5420.0, 5632.0, 5329.0, 5322.0, 5404.0, 5585.0, 5276.0, 5724.0, 5504.0, 5289.0, 5700.0, 5327.0, 5638.0, 5488.0, 5458.0, 5568.0, 5557.0, 5455.0, 5684.0, 5575.0, 5499.0, 5620.0, 5355.0, 5633.0, 5608.0, 5256.0, 5368.0, 5284.0, 5357.0, 5451.0, 5508.0, 5487.0, 5411.0, 5297.0, 5389.0, 5253.0, 5433.0, 5540.0, 5295.0, 5361.0, 5345.0, 5423.0, 5267.0, 5538.0, 5653.0, 5694.0, 5435.0, 5703.0, 5325.0, 5474.0, 5681.0, 5511.0, 5566.0, 5454.0, 5549.0, 5682.0, 5478.0, 5521.0, 5501.0, 5490.0, 5610.0, 5396.0, 5480.0, 5506.0 (number of hits: 19)
27	5530.0	9	1.0	333	1	5304.0, 5395.0, 5309.0, 5643.0, 5392.0, 5519.0, 5286.0, 5311.0, 5535.0, 5262.0, 5413.0, 5552.0, 5663.0, 5424.0, 5561.0, 5609.0, 5444.0, 5423.0, 5461.0, 5422.0, 5676.0, 5451.0, 5516.0, 5494.0, 5288.0, 5564.0, 5569.0, 5724.0, 5361.0, 5463.0, 5428.0, 5665.0, 5648.0, 5259.0, 5692.0, 5622.0, 5675.0, 5638.0, 5401.0, 5656.0, 5720.0, 5343.0, 5256.0, 5616.0, 5440.0, 5493.0, 5279.0, 5382.0, 5497.0, 5611.0, 5448.0, 5637.0, 5612.0, 5295.0, 5669.0, 5592.0, 5321.0, 5574.0, 5641.0, 5723.0, 5354.0, 5372.0, 5400.0, 5570.0, 5654.0, 5586.0, 5335.0, 5606.0, 5292.0, 5277.0, 5323.0, 5441.0, 5344.0, 5306.0, 5300.0, 5481.0, 5545.0, 5338.0, 5393.0, 5670.0, 5518.0, 5655.0, 5347.0, 5664.0, 5667.0, 5353.0, 5503.0, 5261.0, 5317.0, 5559.0, 5617.0, 5420.0, 5397.0, 5264.0, 5662.0, 5360.0, 5364.0, 5307.0, 5411.0, 5351.0 (number of hits: 13)
28	5530.0	9	1.0	333	1	5649.0, 5576.0, 5286.0, 5384.0, 5608.0, 5418.0, 5670.0, 5409.0, 5411.0, 5662.0, 5713.0, 5256.0, 5314.0, 5425.0, 5587.0, 5477.0, 5555.0, 5644.0, 5377.0, 5621.0, 5673.0, 5315.0, 5554.0, 5405.0, 5419.0, 5295.0, 5640.0, 5679.0, 5424.0, 5539.0, 5559.0, 5328.0, 5374.0, 5569.0, 5340.0, 5692.0, 5284.0, 5272.0, 5600.0, 5277.0, 5293.0, 5574.0, 5352.0, 5607.0, 5486.0, 5697.0, 5712.0, 5550.0, 5484.0, 5611.0, 5462.0, 5458.0, 5497.0, 5542.0, 5274.0, 5516.0, 5688.0, 5674.0, 5385.0, 5653.0, 5522.0, 5548.0, 5366.0, 5660.0, 5305.0, 5694.0, 5457.0, 5693.0, 5338.0, 5708.0, 5501.0, 5699.0,

						5626.0, 5666.0, 5528.0, 5597.0, 5276.0, 5491.0, 5622.0, 5667.0, 5487.0, 5474.0, 5580.0, 5682.0, 5432.0, 5709.0, 5624.0, 5435.0, 5716.0, 5298.0, 5719.0, 5370.0, 5288.0, 5285.0, 5590.0, 5480.0, 5465.0, 5561.0, 5495.0, 5343.0 (number of hits: 14 )
29	5530.0	9	1.0	333	1	5492.0, 5629.0, 5639.0, 5428.0, 5659.0, 5656.0, 5605.0, 5344.0, 5715.0, 5468.0, 5577.0, 5320.0, 5252.0, 5713.0, 5274.0, 5337.0, 5334.0, 5503.0, 5675.0, 5372.0, 5306.0, 5482.0, 5559.0, 5679.0, 5618.0, 5529.0, 5291.0, 5384.0, 5545.0, 5620.0, 5317.0, 5600.0, 5369.0, 5668.0, 5406.0, 5645.0, 5494.0, 5505.0, 5508.0, 5411.0, 5451.0, 5462.0, 5410.0, 5649.0, 5569.0, 5322.0, 5667.0, 5480.0, 5288.0, 5721.0, 5644.0, 5297.0, 5336.0, 5464.0, 5471.0, 5314.0, 5473.0, 5622.0, 5287.0, 5263.0, 5285.0, 5653.0, 5628.0, 5427.0, 5610.0, 5528.0, 5459.0, 5538.0, 5458.0, 5338.0, 5512.0, 5589.0, 5328.0, 5567.0, 5389.0, 5688.0, 5454.0, 5440.0, 5586.0, 5418.0, 5556.0, 5642.0, 5592.0, 5509.0, 5700.0, 5521.0, 5657.0, 5258.0, 5547.0, 5279.0, 5277.0, 5518.0, 5342.0, 5632.0, 5692.0, 5696.0, 5487.0, 5621.0, 5331.0, 5650.0 (number of hits: 17 )
30	5530.0	9	1.0	333	1	5336.0, 5297.0, 5622.0, 5502.0, 5712.0, 5422.0, 5657.0, 5298.0, 5721.0, 5530.0, 5685.0, 5320.0, 5618.0, 5713.0, 5587.0, 5723.0, 5521.0, 5321.0, 5301.0, 5687.0, 5427.0, 5634.0, 5373.0, 5263.0, 5506.0, 5351.0, 5478.0, 5323.0, 5376.0, 5640.0, 5419.0, 5565.0, 5477.0, 5309.0, 5593.0, 5571.0, 5698.0, 5508.0, 5673.0, 5535.0, 5541.0, 5267.0, 5666.0, 5415.0, 5452.0, 5329.0, 5293.0, 5558.0, 5724.0, 5604.0, 5668.0, 5440.0, 5284.0, 5635.0, 5701.0, 5324.0, 5487.0, 5395.0, 5630.0, 5564.0, 5273.0, 5382.0, 5402.0, 5596.0, 5455.0, 5342.0, 5528.0, 5690.0, 5325.0, 5658.0, 5708.0, 5283.0, 5570.0, 5276.0, 5722.0, 5468.0, 5660.0, 5674.0, 5642.0, 5285.0, 5676.0, 5281.0, 5391.0, 5527.0, 5532.0, 5400.0, 5501.0, 5305.0, 5399.0, 5499.0, 5580.0, 5381.0, 5485.0, 5691.0, 5462.0, 5533.0, 5520.0, 5699.0, 5304.0, 5289.0 (number of hits: 17 )

**P2P Mode  
Pine Radio****5500 MHz, 20 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	90 %	60%	Pass
<b>Type 2</b>	30	83.3 %	60%	Pass
<b>Type 3</b>	30	90 %	60%	Pass
<b>Type 4</b>	30	76.7 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	85 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	57	1.0	938	1
2	63	1.0	838	1
3	72	1.0	738	1
4	81	1.0	658	1
5	83	1.0	638	1
6	61	1.0	878	1
7	76	1.0	698	1
8	92	1.0	578	1
9	78	1.0	678	0
10	65	1.0	818	1
11	86	1.0	618	1
12	59	1.0	898	1
13	74	1.0	718	0
14	67	1.0	798	1
15	99	1.0	538	1
16	20	1.0	2720	1
17	20	1.0	2693	1
18	50	1.0	1056	1
19	55	1.0	961	1
20	97	1.0	546	0
21	52	1.0	1019	1
22	19	1.0	2908	1
23	20	1.0	2747	1
24	69	1.0	767	1
25	54	1.0	989	1
26	43	1.0	1244	1
27	63	1.0	848	1
28	24	1.0	2279	1
29	20	1.0	2664	1
30	18	1.0	2959	1
<b>Detection Percentage: 90.0 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	29	4.1	210	1
2	23	1.3	187	1
3	27	3.0	176	1
4	28	4.8	194	1
5	29	5.0	225	1
6	24	2.7	174	0
7	25	3.4	225	1
8	28	2.0	199	0
9	26	3.4	187	1
10	27	4.3	228	1
11	25	3.1	194	1
12	27	4.1	206	1
13	27	3.2	205	1
14	29	3.0	205	1
15	28	1.6	190	1
16	24	3.0	191	0
17	29	1.3	204	1
18	28	2.3	202	1
19	26	2.2	166	1
20	27	3.2	179	1
21	27	3.4	154	1
22	23	3.6	201	1
23	24	4.1	229	1
24	25	5.0	218	0
25	25	1.4	187	1
26	26	4.0	202	1
27	29	2.0	177	0
28	27	1.0	205	1
29	28	4.8	173	1
30	24	4.3	190	1
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	18	6.9	481	0
2	17	8.4	313	1
3	18	7.8	228	0
4	16	8.5	457	1
5	16	9.6	430	1
6	18	8.8	440	1
7	17	6.9	261	0
8	18	7.1	485	1
9	16	6.5	395	1
10	16	6.8	256	1
11	16	6.5	348	1
12	18	8.5	285	1
13	17	9.4	222	1
14	18	7.9	385	1
15	18	8.7	262	1
16	18	6.6	384	1
17	16	8.9	418	1
18	17	7.2	421	1
19	17	7.2	441	1
20	18	6.2	289	1
21	16	8.6	483	1
22	16	8.0	347	1
23	16	6.0	287	1
24	16	6.7	274	1
25	16	9.3	279	1
26	16	6.7	488	1
27	16	9.9	400	1
28	17	6.3	333	1
29	17	6.2	439	1
30	17	8.1	444	1
<b>Detection Percentage: 90 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	15	14.9	240	1
2	15	19.6	307	1
3	12	17.2	203	1
4	12	19.5	262	1
5	12	15.2	380	1
6	16	16.1	490	1
7	14	18.4	219	1
8	13	12.9	339	1
9	15	14.6	274	1
10	15	15.8	236	0
11	13	17.8	338	0
12	16	19.5	312	1
13	16	17.4	318	1
14	12	19.4	468	1
15	15	19.9	325	1
16	12	14.9	342	1
17	15	11.3	483	0
18	13	11.2	433	1
19	16	19.7	396	0
20	14	11.7	465	1
21	13	12.0	430	1
22	12	14.7	262	0
23	12	17.7	210	1
24	14	13.0	381	1
25	14	18.9	242	0
26	12	11.1	380	1
27	12	17.4	225	1
28	14	15.3	384	1
29	12	11.9	227	0
30	13	11.9	400	1
<b>Detection Percentage: 76.7 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5500	1
2	5500	1
3	5500	1
4	5500	1
5	5500	1
6	5500	1
7	5500	1
8	5500	1
9	5500	1
10	5500	1
11	5494.6	1
12	5499.0	1
13	5496.2	1
14	5498.2	1
15	5496.2	1
16	5497.4	1
17	5497.8	1
18	5496.2	1
19	5494.2	1
20	5497.0	1
21	5506.2	1
22	5503.8	1
23	5502.6	1
24	5504.6	1
25	5501.0	1
26	5501.4	1
27	5504.6	1
28	5505.4	1
29	5505.0	1
30	5501.4	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		



## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	94.5			0.394894	1
1	2	11	86.9	1374		1.220610	
2	2	11	55.6	1249		1.778904	
3	1	11	50.7			2.231707	
4	1	11	77.8			2.850636	
5	3	11	76.5	1549	1751	3.935516	
6	2	11	98.3	1613		4.559369	
7	1	11	63.3			4.851219	
8	1	11	97.1			5.391662	
9	2	11	88.9	1177		6.421578	
10	3	11	92.4	1203	1575	7.241025	
11	3	11	71.7	1394	1496	7.832260	
12	3	11	95.9	1929	1512	8.273850	
13	1	11	52.5			8.688755	
14	2	11	80.5	1923		9.845991	
15	2	11	86.6	1232		10.228612	
16	3	11	96.1	1593	1243	11.196874	
17	1	11	76.1			11.976099	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	58.2	2000	1218	0.385734	1
1	2	10	50.8	1789		1.510010	
2	2	10	53.4	1281		2.314836	
3	2	10	89.0	1660		3.332561	
4	2	10	67.2	1861		3.447768	
5	3	10	60.8	1135	1446	4.337849	
6	1	10	62.9			5.254307	
7	2	10	59.1	1377		6.276140	
8	1	10	59.8			7.698362	
9	2	10	93.2	1962		8.112688	
10	3	10	73.4	1755	1692	8.845862	
11	2	10	90.1	1739		9.801571	
12	3	10	54.0	1564	1283	10.546564	
13	3	10	75.8	1792	1913	11.648027	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	93.0			0.614404	1
1	3	10	53.9	1257	1860	1.783115	
2	3	10	57.5	1694	1481	2.981134	
3	2	10	52.5	1711		4.239639	
4	2	10	63.2	1011		4.816733	
5	2	10	82.8	1575		6.895114	
6	3	10	80.0	1774	1701	8.111358	
7	1	10	50.1			8.983392	
8	1	10	52.7			10.555889	
9	2	10	60.0	1544		11.372424	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	52.6	1132	1058	0.880941	1
1	2	11	95.3	1252		1.808665	
2	2	11	67.3	1162		2.358768	
3	1	11	60.4			3.429186	
4	3	11	78.1	1816	1263	4.281713	
5	2	11	53.1	1770		5.185157	
6	1	11	60.0			6.359845	
7	1	11	83.2			7.605828	
8	2	11	99.1	1374		8.705600	
9	3	11	69.4	1666	1475	9.834526	
10	2	11	88.9	1195		10.603814	
11	2	11	79.5	1324		11.430005	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	93.7			0.875513	1
1	2	11	53.4	1739		2.167039	
2	1	11	86.5			3.223980	
3	2	11	63.7	1379		3.790649	
4	3	11	99.6	1147	1982	5.526044	
5	3	11	84.8	1603	1115	6.656146	
6	2	11	95.4	1752		7.871807	
7	2	11	95.7	1023		9.117000	
8	2	11	69.7	1890		9.915270	
9	2	11	63.3	1285		11.928956	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	92.3	1645		0.073207	1
1	1	6	69.2			0.706739	
2	3	6	84.1	1116	1154	1.378106	
3	3	6	84.7	1380	1578	1.953478	
4	2	6	74.4	1681		2.711660	
5	3	6	79.2	1774	1894	3.376044	
6	3	6	76.4	1943	1680	3.930440	
7	2	6	79.5	1910		4.943622	
8	1	6	79.6			5.645573	
9	2	6	54.6	1487		5.779039	
10	3	6	75.2	1741	1437	6.463560	
11	2	6	93.8	1264		7.451175	
12	1	6	82.0			7.996711	
13	2	6	54.8	1352		8.299734	
14	1	6	65.3			9.107856	
15	3	6	64.1	1072	1584	10.076913	
16	3	6	55.3	1396	1782	10.336171	
17	2	6	81.9	1856		11.313139	
18	3	6	65.9	1497	1072	11.820476	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	75.5	1720	1137	0.775773	1
1	3	10	63.6	1533	1722	1.354511	
2	3	10	81.2	1435	1115	2.346979	
3	2	10	61.1	1411		2.803429	
4	1	10	57.1			4.184132	
5	2	10	56.7	1821		4.297746	
6	2	10	73.5	1555		5.308896	
7	1	10	80.0			6.792795	
8	2	10	51.3	1458		7.284705	
9	1	10	92.8			8.224764	
10	2	10	75.6	1645		8.870893	
11	1	10	98.2			9.817929	
12	3	10	70.9	1636	1621	10.309884	
13	2	10	54.9	1250		11.185570	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	76.6			0.728112	1
1	3	11	72.4	1584	1837	1.785831	
2	3	11	72.2	1351	1911	2.013375	
3	1	11	95.5			3.180941	
4	3	11	69.8	1841	1259	4.242402	
5	1	11	58.0			5.514904	
6	1	11	84.5			6.034534	
7	2	11	77.5	1504		6.604560	
8	2	11	87.6	1449		8.264426	
9	3	11	92.4	1988	1358	9.051406	
10	2	11	97.5	1537		9.828159	
11	2	11	66.0	1161		10.318755	
12	2	11	67.8	1203		11.741385	

## Bin5 Statistics 9

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (µS)</b>	<b>Pulse 2-3 spacing (µS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	1	7	71.1			0.071939	1
1	3	7	67.5	1838	1652	1.239101	
2	2	7	79.0	1579		1.728504	
3	2	7	80.3	1737		1.987645	
4	1	7	62.3			3.072742	
5	1	7	79.7			3.696985	
6	3	7	50.6	1639	1086	4.078508	
7	1	7	80.5			4.663622	
8	2	7	64.6	1347		5.379679	
9	2	7	60.5	1004		5.800357	
10	2	7	81.5	1377		6.383548	
11	1	7	72.6			7.476359	
12	2	7	57.3	1259		8.199582	
13	2	7	98.1	1955		8.823899	
14	3	7	85.1	1435	1800	9.437166	
15	1	7	65.0			9.599182	
16	1	7	69.6			10.416428	
17	1	7	96.6			11.337617	
18	3	7	55.9	1118	1862	11.557511	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	90.7	1358		0.479244	1
1	1	9	50.1			1.072366	
2	2	9	80.8	1712		1.571566	
3	2	9	94.7	1704		2.268398	
4	2	9	81.1	1640		2.813683	
5	1	9	59.9			3.936055	
6	2	9	87.6	1876		4.515921	
7	2	9	70.5	1734		4.801441	
8	1	9	98.0			5.957527	
9	2	9	82.8	1425		6.264476	
10	1	9	65.1			6.987350	
11	3	9	94.6	1519	1100	7.420408	
12	2	9	76.4	1044		8.092933	
13	2	9	51.5	1073		9.184290	
14	3	9	95.9	1345	1194	9.750571	
15	2	9	99.7	1107		10.231225	
16	2	9	62.1	1925		11.228324	
17	2	9	68.0	1557		11.963105	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	61.2	1415		0.700541	1
1	2	9	79.4	1026		1.370551	
2	1	9	84.1			3.369514	
3	3	9	60.2	1169	1906	4.017532	
4	2	9	76.1	1289		6.282431	
5	2	9	71.9	1540		7.688954	
6	3	9	82.5	1447	1467	8.312055	
7	2	9	93.2	1757		10.632278	
8	3	9	52.7	1407	1822	11.378932	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	96.2	1820		0.088791	1
1	2	20	79.3	1653		1.884703	
2	2	20	57.7	1623		3.565974	
3	3	20	87.2	1049	1549	3.781280	
4	1	20	74.1			4.992326	
5	3	20	90.2	1408	1023	6.962697	
6	1	20	75.9			7.314719	
7	2	20	75.3	1255		8.660909	
8	3	20	95.5	1146	1207	9.617651	
9	2	20	89.9	1749		11.132550	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	63.4	1394		0.244494	1
1	3	13	96.1	1978	1361	1.865269	
2	1	13	57.7			3.042454	
3	3	13	94.9	1014	1725	4.547448	
4	1	13	93.7			5.037676	
5	2	13	59.7	1025		6.971116	
6	3	13	91.0	1262	1915	7.833262	
7	2	13	82.6	1939		8.655028	
8	2	13	67.2	1658		10.124312	
9	1	13	61.3			11.522169	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	90.1	1037		0.563242	1
1	2	18	56.8	1554		0.850097	
2	2	18	97.7	1907		1.752650	
3	2	18	73.1	1051		2.152754	
4	2	18	68.3	1516		3.154029	
5	3	18	69.8	1048	1120	4.222624	
6	2	18	72.4	1617		4.515773	
7	2	18	53.6	1833		5.501123	
8	2	18	57.5	1507		5.657800	
9	2	18	89.4	1598		6.746878	
10	3	18	52.3	1339	1744	7.088128	
11	1	18	79.8			7.825997	
12	1	18	61.3			8.539654	
13	1	18	50.9			9.184099	
14	1	18	95.2			10.436539	
15	2	18	78.5	1997		11.226745	
16	2	18	70.0	1044		11.973064	



## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	80.1	1191	1320	0.085168	1
1	2	13	97.5	1566		1.583083	
2	2	13	96.2	1534		2.427534	
3	3	13	68.1	1202	1211	3.103410	
4	3	13	73.4	1429	1924	4.149020	
5	2	13	86.9	1301		4.621712	
6	1	13	53.0			5.538627	
7	2	13	89.8	1374		6.326417	
8	3	13	82.1	1452	1405	7.301837	
9	1	13	93.1			8.347296	
10	2	13	61.5	1954		9.195417	
11	3	13	84.2	1004	1352	10.000850	
12	2	13	53.2	1995		10.868209	
13	2	13	89.9	1965		11.974192	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	90.3	1832	1163	0.330815	1
1	2	16	94.4	1506		1.084462	
2	1	16	91.2			1.722090	
3	3	16	80.0	1087	1297	3.173529	
4	2	16	57.8	1953		3.691882	
5	2	16	95.3	1767		4.515850	
6	1	16	94.4			4.969205	
7	2	16	56.5	1303		6.242912	
8	2	16	82.6	1230		6.610260	
9	2	16	99.0	1904		7.420324	
10	2	16	96.8	1985		8.471725	
11	2	16	52.7	1766		9.059782	
12	2	16	96.8	1358		9.729915	
13	3	16	84.7	1057	1381	10.835169	
14	1	16	50.0			11.707928	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	92.2			0.077248	1
1	2	17	75.3	1323		1.247209	
2	2	17	77.3	1906		2.245791	
3	1	17	72.7			3.600673	
4	1	17	96.5			4.532120	
5	2	17	51.1	1357		4.819423	
6	2	17	96.6	1374		6.385881	
7	2	17	86.1	1181		6.978807	
8	1	17	76.2			7.698377	
9	3	17	79.2	1666	1660	8.343391	
10	2	17	62.5	1384		10.024713	
11	2	17	68.1	1242		10.404432	
12	2	17	85.8	1694		11.540158	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	74.0	1333		0.105569	1
1	2	13	82.5	1242		1.276529	
2	2	13	52.2	1380		1.955730	
3	2	13	64.4	1047		2.474047	
4	1	13	55.6			3.686889	
5	1	13	80.1			4.104905	
6	2	13	58.8	1581		5.183495	
7	2	13	68.5	1328		5.661403	
8	1	13	86.3			7.157408	
9	2	13	93.3	1939		7.368539	
10	2	13	83.1	1981		8.583249	
11	2	13	67.3	1963		9.224511	
12	3	13	81.4	1375	1712	10.348340	
13	2	13	87.6	1671		10.410163	
14	2	13	95.8	1868		11.704482	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	97.9	1174		0.842145	1
1	2	8	65.4	1015		2.022515	
2	2	8	91.2	1859		2.587407	
3	3	8	91.8	1023	1043	3.776357	
4	1	8	66.4			5.252044	
5	2	8	86.7	1445		7.178843	
6	2	8	90.4	1657		8.353342	
7	3	8	61.8	1882	1081	9.561994	
8	1	8	76.8			10.086184	
9	2	8	97.6	1101		11.882867	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	84.3			0.455826	1
1	2	15	54.6	1009		1.480018	
2	2	15	98.8	1576		1.985984	
3	3	15	59.2	1592	1298	3.179454	
4	3	15	76.4	1970	1236	4.241760	
5	3	15	70.6	1982	1954	4.386251	
6	2	15	64.1	1136		5.322511	
7	1	15	86.9			6.627254	
8	1	15	69.3			6.951470	
9	1	15	53.5			7.891497	
10	2	15	83.5	1675		8.988028	
11	2	15	58.8	1836		9.763630	
12	2	15	83.0	1692		10.428408	
13	2	15	58.9	1249		11.652308	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	88.7	1659	1170	0.189994	1
1	2	7	87.8	1255		0.734982	
2	2	7	56.1	1708		1.466631	
3	1	7	74.7			2.106310	
4	2	7	96.2	1767		3.070565	
5	2	7	66.0	1469		3.228679	
6	2	7	60.8	1095		3.987167	
7	2	7	75.1	1055		4.466958	
8	2	7	83.3	1476		5.590289	
9	1	7	58.8			6.054407	
10	1	7	57.8			6.742353	
11	1	7	55.1			7.004433	
12	2	7	65.6	1203		7.778672	
13	2	7	57.8	1880		8.344470	
14	2	7	91.0	1122		9.274495	
15	3	7	87.0	1041	1610	9.665239	
16	1	7	96.4			10.627766	
17	1	7	89.7			10.981310	
18	2	7	60.4	1232		11.974816	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	65.1	1082		0.742521	1
1	2	13	63.4	1777		1.154002	
2	2	13	88.2	1780		2.495701	
3	1	13	68.4			2.689882	
4	3	13	63.1	1340	1097	4.131414	
5	1	13	82.2			4.535009	
6	2	13	86.4	1425		5.614032	
7	3	13	91.1	1658	1059	6.238990	
8	1	13	66.9			6.990872	
9	2	13	55.6	1147		7.889218	
10	1	13	77.5			8.919084	
11	2	13	70.8	1445		9.741328	
12	2	13	80.8	1720		10.364330	
13	1	13	85.3			11.301542	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	84.2			0.575546	1
1	1	16	64.7			0.948449	
2	1	16	90.1			1.485819	
3	3	16	74.8	1955	1943	2.332171	
4	2	16	51.0	1066		3.440502	
5	2	16	79.2	1659		3.746180	
6	3	16	70.8	1941	1299	4.849829	
7	2	16	81.8	1264		5.145774	
8	3	16	68.5	1762	1173	5.918172	
9	3	16	76.2	1422	1448	6.896622	
10	2	16	93.1	1085		7.196276	
11	3	16	67.0	1456	1858	8.188664	
12	3	16	69.7	1886	1011	9.019564	
13	2	16	95.1	1436		9.735035	
14	3	16	78.2	1020	1607	10.262414	
15	2	16	82.1	1532		10.949619	
16	1	16	61.9			11.307206	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	80.0	1239		0.233147	1
1	3	11	60.3	1246	1587	1.566795	
2	1	11	71.3			2.187528	
3	3	11	75.3	1205	1131	3.328878	
4	2	11	66.6	1099		4.422796	
5	2	11	58.6	1897		5.151948	
6	2	11	51.1	1743		6.034101	
7	2	11	60.9	1665		7.071674	
8	2	11	54.2	1379		8.022017	
9	2	11	52.4	1006		9.687065	
10	3	11	89.6	1931	1363	10.503205	
11	3	11	94.4	1362	1985	11.838963	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	87.9	1854		0.226491	1
1	1	20	80.5			0.826269	
2	3	20	96.3	1079	1770	1.689875	
3	1	20	69.0			2.142955	
4	2	20	92.9	1943		2.532982	
5	1	20	70.9			3.418427	
6	2	20	79.4	1717		4.316439	
7	2	20	93.1	1928		5.025241	
8	3	20	60.8	1695	1183	5.354630	
9	3	20	81.9	1657	1178	5.831509	
10	1	20	85.4			6.766709	
11	2	20	81.3	1521		7.188932	
12	1	20	81.4			7.814712	
13	2	20	59.3	1661		8.365994	
14	3	20	76.9	1792	1568	9.459040	
15	1	20	65.7			9.598836	
16	2	20	89.6	1648		10.693767	
17	3	20	61.5	1156	1912	10.889986	
18	2	20	58.7	1545		11.873618	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	51.9	1256	1696	0.944300	1
1	2	19	95.5	1442		1.904129	
2	3	19	62.3	1831	1307	3.598217	
3	2	19	92.7	1847		4.766749	
4	3	19	59.7	1999	1237	5.389020	
5	2	19	77.8	1774		7.759496	
6	2	19	84.1	1348		8.060712	
7	2	19	80.3	1395		9.405498	
8	2	19	80.6	1099		11.844886	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	89.0	1735	1620	0.147494	1
1	2	11	60.7	1239		0.812700	
2	2	11	85.4	1127		1.891932	
3	2	11	68.6	1382		2.675809	
4	1	11	82.5			3.052847	
5	2	11	72.8	1219		4.200838	
6	2	11	50.7	1105		4.499243	
7	3	11	89.0	1978	1053	5.275625	
8	1	11	93.8			6.191877	
9	2	11	53.2	1226		6.734420	
10	1	11	65.9			7.216432	
11	1	11	93.2			7.828525	
12	1	11	99.2			8.713179	
13	3	11	68.9	1462	1012	9.464025	
14	3	11	87.9	1411	1529	10.112707	
15	2	11	56.8	1469		10.916524	
16	2	11	57.0	1250		11.881731	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	77.7			0.271468	1
1	3	9	59.8	1055	1344	0.859179	
2	1	9	88.6			1.946835	
3	2	9	71.5	1466		2.987306	
4	1	9	99.8			3.535258	
5	3	9	96.9	1833	1465	4.126754	
6	1	9	75.7			5.499452	
7	3	9	69.2	1293	1502	6.125090	
8	3	9	67.1	1108	1445	6.743634	
9	1	9	57.7			7.791041	
10	2	9	77.7	1636		8.545150	
11	2	9	81.6	1374		9.478466	
12	2	9	96.7	1169		9.997158	
13	2	9	96.3	1328		10.480882	
14	2	9	52.1	1656		11.843419	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	86.1	1672	1399	0.800549	1
1	2	10	86.6	1428		0.938402	
2	2	10	60.9	1415		1.764541	
3	3	10	72.1	1927	1931	3.332791	
4	2	10	95.0	1733		3.951262	
5	2	10	94.4	1794		4.757112	
6	2	10	51.8	1993		5.722993	
7	2	10	50.5	1708		6.498120	
8	2	10	98.0	1494		7.650742	
9	1	10	72.8			7.777858	
10	2	10	99.9	1955		9.199958	
11	1	10	87.0			9.944059	
12	2	10	57.6	1058		10.299824	
13	2	10	93.8	1669		11.298962	



## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	91.3			0.518771	1
1	2	19	58.9	1486		0.798930	
2	2	19	84.5	1995		2.106719	
3	2	19	56.1	1986		2.291833	
4	3	19	80.4	1115	1983	3.439386	
5	1	19	51.0			4.135307	
6	1	19	97.3			4.826189	
7	2	19	81.8	1430		5.123728	
8	2	19	56.1	1751		6.207056	
9	3	19	74.4	1119	1174	6.994775	
10	2	19	58.2	1097		7.389210	
11	2	19	79.4	1146		8.100121	
12	2	19	58.3	1789		8.855422	
13	3	19	90.7	1713	1731	9.506547	
14	2	19	73.2	1684		10.098843	
15	2	19	66.8	1553		10.989219	
16	2	19	93.2	1299		11.530590	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500.0	9	1.0	333	1	5454.0, 5513.0, 5465.0, 5380.0, 5288.0, 5721.0, 5300.0, 5315.0, 5528.0, 5480.0, 5569.0, 5505.0, 5643.0, 5675.0, 5347.0, 5500.0, 5419.0, 5472.0, 5642.0, 5451.0, 5375.0, 5432.0, 5299.0, 5278.0, 5485.0, 5378.0, 5366.0, 5687.0, 5508.0, 5556.0, 5527.0, 5702.0, 5374.0, 5355.0, 5322.0, 5416.0, 5404.0, 5655.0, 5612.0, 5597.0, 5579.0, 5626.0, 5407.0, 5705.0, 5520.0, 5498.0, 5413.0, 5403.0, 5387.0, 5630.0, 5305.0, 5414.0, 5379.0, 5356.0, 5593.0, 5540.0, 5491.0, 5684.0, 5563.0, 5671.0, 5492.0, 5256.0, 5549.0, 5628.0, 5589.0, 5506.0, 5599.0, 5306.0, 5614.0, 5282.0, 5706.0, 5385.0, 5295.0, 5560.0, 5346.0, 5453.0, 5686.0, 5565.0, 5590.0, 5688.0, 5269.0, 5707.0, 5555.0, 5388.0, 5678.0, 5275.0, 5372.0, 5341.0, 5677.0, 5490.0, 5578.0, 5682.0, 5312.0, 5586.0, 5348.0, 5620.0, 5576.0, 5423.0, 5272.0, 5328.0 (number of hits: 7)
2	5500.0	9	1.0	333	1	5650.0, 5356.0, 5389.0, 5555.0, 5285.0, 5344.0, 5446.0, 5444.0, 5466.0, 5656.0, 5290.0, 5541.0, 5688.0, 5594.0, 5585.0, 5670.0, 5660.0, 5453.0, 5269.0, 5361.0, 5488.0, 5343.0, 5414.0, 5448.0, 5634.0, 5487.0, 5716.0, 5601.0, 5358.0, 5607.0, 5415.0, 5324.0, 5704.0, 5637.0, 5438.0, 5328.0, 5686.0, 5598.0, 5286.0, 5421.0, 5406.0, 5318.0, 5341.0, 5294.0, 5479.0, 5516.0, 5553.0, 5508.0, 5427.0, 5310.0, 5420.0, 5579.0, 5372.0, 5387.0, 5667.0, 5276.0, 5552.0, 5558.0, 5266.0, 5250.0, 5417.0, 5482.0, 5404.0, 5450.0, 5472.0, 5467.0, 5380.0, 5698.0, 5373.0, 5506.0, 5695.0, 5375.0, 5465.0, 5262.0, 5546.0, 5474.0, 5580.0, 5510.0, 5538.0, 5329.0, 5306.0, 5490.0, 5591.0, 5481.0, 5301.0, 5507.0, 5297.0, 5714.0, 5288.0, 5363.0, 5331.0, 5436.0, 5257.0, 5526.0, 5334.0, 5511.0, 5330.0, 5674.0, 5316.0, 5293.0 (number of hits: 3)
3	5500.0	9	1.0	333	1	5670.0, 5586.0, 5295.0, 5637.0, 5694.0, 5559.0, 5575.0, 5604.0, 5513.0, 5263.0, 5634.0, 5614.0, 5620.0, 5503.0, 5510.0, 5669.0, 5522.0, 5266.0, 5463.0, 5520.0, 5673.0, 5280.0, 5679.0, 5343.0, 5648.0, 5502.0, 5294.0, 5486.0, 5386.0, 5429.0, 5692.0, 5585.0, 5308.0, 5283.0, 5435.0, 5340.0, 5332.0, 5718.0, 5711.0, 5609.0, 5439.0, 5253.0, 5579.0, 5589.0, 5269.0, 5539.0, 5468.0, 5677.0, 5287.0, 5484.0, 5676.0, 5516.0, 5479.0, 5717.0, 5583.0, 5455.0, 5275.0, 5309.0, 5501.0, 5426.0, 5642.0, 5506.0, 5681.0, 5584.0, 5371.0, 5490.0, 5600.0, 5282.0, 5538.0, 5457.0, 5574.0, 5432.0, 5528.0, 5594.0, 5437.0, 5687.0, 5706.0, 5317.0, 5356.0, 5359.0, 5545.0, 5289.0, 5469.0, 5654.0, 5431.0, 5722.0, 5383.0, 5601.0, 5668.0, 5542.0, 5278.0, 5264.0, 5492.0, 5422.0, 5285.0, 5412.0, 5635.0, 5701.0, 5689.0, 5705.0 (number of hits: 5)
4	5500.0	9	1.0	333	1	5429.0, 5473.0, 5502.0, 5349.0, 5255.0, 5662.0, 5323.0, 5589.0, 5525.0, 5378.0, 5265.0, 5360.0, 5636.0, 5634.0, 5722.0, 5359.0, 5300.0, 5690.0, 5575.0, 5650.0, 5267.0, 5695.0, 5583.0, 5602.0, 5285.0, 5254.0, 5720.0, 5317.0, 5708.0, 5563.0, 5251.0, 5266.0, 5597.0, 5494.0, 5334.0, 5550.0, 5337.0, 5599.0, 5584.0, 5628.0, 5655.0, 5402.0, 5275.0, 5347.0, 5389.0, 5384.0, 5499.0, 5472.0, 5469.0, 5475.0, 5452.0, 5455.0, 5707.0, 5699.0, 5656.0, 5289.0, 5430.0, 5519.0, 5566.0, 5321.0, 5350.0, 5433.0, 5310.0, 5333.0, 5567.0, 5490.0, 5508.0, 5620.0, 5459.0, 5410.0, 5479.0, 5311.0, 5406.0, 5713.0, 5495.0, 5328.0, 5439.0, 5427.0, 5441.0, 5683.0, 5382.0, 5598.0, 5282.0, 5422.0, 5336.0, 5668.0, 5533.0, 5308.0, 5609.0, 5447.0, 5458.0, 5312.0, 5465.0, 5432.0, 5257.0, 5449.0, 5444.0, 5610.0, 5424.0, 5586.0 (number of hits: 5)
5	5500.0	9	1.0	333	1	5316.0, 5282.0, 5680.0, 5358.0, 5376.0, 5263.0, 5381.0, 5253.0, 5517.0, 5470.0, 5667.0, 5519.0, 5614.0, 5452.0, 5295.0, 5599.0, 5387.0, 5702.0, 5618.0, 5413.0, 5711.0, 5569.0, 5553.0, 5557.0,

						5598.0, 5343.0, 5529.0, 5314.0, 5523.0, 5556.0, 5455.0, 5612.0, 5607.0, 5461.0, 5595.0, 5615.0, 5699.0, 5401.0, 5477.0, 5262.0, 5320.0, 5697.0, 5284.0, 5723.0, 5379.0, 5393.0, 5275.0, 5645.0, 5628.0, 5417.0, 5306.0, 5625.0, 5346.0, 5532.0, 5724.0, 5572.0, 5585.0, 5300.0, 5402.0, 5713.0, 5448.0, 5698.0, 5543.0, 5676.0, 5634.0, 5663.0, 5475.0, 5717.0, 5509.0, 5403.0, 5409.0, 5534.0, 5666.0, 5303.0, 5355.0, 5605.0, 5259.0, 5682.0, 5357.0, 5431.0, 5591.0, 5479.0, 5656.0, 5496.0, 5481.0, 5305.0, 5290.0, 5687.0, 5555.0, 5281.0, 5261.0, 5549.0, 5545.0, 5671.0, 5685.0, 5264.0, 5374.0, 5644.0, 5512.0, 5621.0 (number of hits: 1 )
6	5500.0	9	1.0	333	1	5326.0, 5657.0, 5461.0, 5477.0, 5490.0, 5413.0, 5647.0, 5449.0, 5458.0, 5323.0, 5502.0, 5250.0, 5376.0, 5294.0, 5574.0, 5274.0, 5394.0, 5262.0, 5393.0, 5692.0, 5445.0, 5510.0, 5633.0, 5626.0, 5545.0, 5651.0, 5592.0, 5324.0, 5336.0, 5279.0, 5659.0, 5473.0, 5434.0, 5253.0, 5320.0, 5708.0, 5452.0, 5690.0, 5299.0, 5642.0, 5388.0, 5540.0, 5484.0, 5500.0, 5395.0, 5609.0, 5700.0, 5619.0, 5401.0, 5341.0, 5565.0, 5566.0, 5416.0, 5457.0, 5465.0, 5300.0, 5369.0, 5276.0, 5364.0, 5677.0, 5618.0, 5464.0, 5305.0, 5663.0, 5284.0, 5358.0, 5332.0, 5646.0, 5681.0, 5408.0, 5693.0, 5600.0, 5590.0, 5363.0, 5359.0, 5656.0, 5448.0, 5514.0, 5485.0, 5306.0, 5389.0, 5415.0, 5503.0, 5713.0, 5418.0, 5544.0, 5638.0, 5588.0, 5628.0, 5367.0, 5519.0, 5624.0, 5604.0, 5271.0, 5440.0, 5622.0, 5701.0, 5436.0, 5384.0, 5614.0 (number of hits: 3 )
7	5500.0	9	1.0	333	1	5329.0, 5524.0, 5579.0, 5680.0, 5252.0, 5472.0, 5302.0, 5691.0, 5470.0, 5378.0, 5694.0, 5435.0, 5311.0, 5571.0, 5520.0, 5577.0, 5341.0, 5721.0, 5319.0, 5411.0, 5261.0, 5547.0, 5503.0, 5583.0, 5582.0, 5719.0, 5683.0, 5498.0, 5483.0, 5450.0, 5622.0, 5325.0, 5328.0, 5631.0, 5452.0, 5678.0, 5404.0, 5564.0, 5463.0, 5481.0, 5644.0, 5256.0, 5558.0, 5700.0, 5284.0, 5453.0, 5489.0, 5669.0, 5661.0, 5626.0, 5714.0, 5504.0, 5713.0, 5616.0, 5613.0, 5594.0, 5543.0, 5414.0, 5663.0, 5595.0, 5346.0, 5409.0, 5705.0, 5377.0, 5593.0, 5273.0, 5286.0, 5407.0, 5650.0, 5612.0, 5304.0, 5589.0, 5681.0, 5445.0, 5545.0, 5560.0, 5526.0, 5492.0, 5662.0, 5458.0, 5693.0, 5355.0, 5395.0, 5614.0, 5446.0, 5287.0, 5702.0, 5525.0, 5624.0, 5689.0, 5563.0, 5516.0, 5356.0, 5704.0, 5270.0, 5371.0, 5508.0, 5358.0, 5465.0, 5335.0 (number of hits: 5 )
8	5500.0	9	1.0	333	1	5437.0, 5575.0, 5279.0, 5405.0, 5716.0, 5539.0, 5571.0, 5530.0, 5696.0, 5456.0, 5305.0, 5632.0, 5587.0, 5413.0, 5411.0, 5377.0, 5306.0, 5564.0, 5401.0, 5396.0, 5520.0, 5307.0, 5609.0, 5681.0, 5421.0, 5450.0, 5608.0, 5415.0, 5511.0, 5502.0, 5644.0, 5532.0, 5352.0, 5585.0, 5717.0, 5651.0, 5301.0, 5275.0, 5645.0, 5388.0, 5345.0, 5485.0, 5378.0, 5631.0, 5284.0, 5546.0, 5459.0, 5343.0, 5395.0, 5602.0, 5426.0, 5500.0, 5253.0, 5259.0, 5453.0, 5668.0, 5625.0, 5514.0, 5425.0, 5683.0, 5260.0, 5723.0, 5361.0, 5708.0, 5417.0, 5385.0, 5718.0, 5510.0, 5597.0, 5386.0, 5440.0, 5357.0, 5338.0, 5656.0, 5288.0, 5488.0, 5513.0, 5444.0, 5490.0, 5521.0, 5448.0, 5398.0, 5393.0, 5484.0, 5635.0, 5699.0, 5451.0, 5489.0, 5325.0, 5496.0, 5406.0, 5293.0, 5351.0, 5454.0, 5326.0, 5391.0, 5572.0, 5422.0, 5629.0, 5669.0 (number of hits: 3 )
9	5500.0	9	1.0	333	1	5260.0, 5462.0, 5352.0, 5624.0, 5299.0, 5690.0, 5270.0, 5359.0, 5446.0, 5585.0, 5310.0, 5630.0, 5506.0, 5626.0, 5430.0, 5368.0, 5345.0, 5565.0, 5510.0, 5355.0, 5274.0, 5603.0, 5483.0, 5631.0, 5289.0, 5386.0, 5373.0, 5406.0, 5532.0, 5514.0, 5396.0, 5415.0, 5576.0, 5551.0, 5344.0, 5617.0, 5663.0, 5290.0, 5364.0, 5489.0, 5527.0, 5586.0, 5469.0, 5698.0, 5697.0, 5353.0, 5252.0, 5418.0, 5432.0, 5614.0, 5693.0, 5504.0, 5691.0, 5311.0, 5322.0, 5314.0, 5461.0, 5397.0, 5564.0, 5492.0, 5724.0, 5553.0, 5590.0, 5676.0, 5438.0, 5543.0, 5654.0, 5363.0, 5662.0, 5275.0, 5517.0, 5439.0, 5688.0, 5712.0, 5525.0, 5669.0, 5578.0, 5457.0, 5437.0, 5650.0, 5416.0, 5482.0, 5327.0, 5452.0, 5389.0, 5354.0, 5308.0, 5339.0, 5607.0, 5621.0, 5604.0, 5623.0, 5419.0, 5377.0, 5548.0, 5531.0,

						5562.0, 5474.0, 5554.0, 5284.0 (number of hits: 3 )
10	5500.0	9	1.0	333	1	5471.0, 5390.0, 5578.0, 5637.0, 5576.0, 5464.0, 5314.0, 5509.0, 5479.0, 5600.0, 5588.0, 5553.0, 5498.0, 5428.0, 5702.0, 5698.0, 5328.0, 5703.0, 5294.0, 5398.0, 5405.0, 5417.0, 5683.0, 5529.0, 5484.0, 5711.0, 5527.0, 5452.0, 5488.0, 5646.0, 5414.0, 5403.0, 5586.0, 5303.0, 5616.0, 5668.0, 5393.0, 5654.0, 5269.0, 5493.0, 5615.0, 5573.0, 5307.0, 5685.0, 5449.0, 5396.0, 5457.0, 5650.0, 5631.0, 5717.0, 5542.0, 5548.0, 5442.0, 5706.0, 5300.0, 5454.0, 5451.0, 5429.0, 5318.0, 5338.0, 5506.0, 5568.0, 5603.0, 5359.0, 5565.0, 5351.0, 5496.0, 5539.0, 5273.0, 5492.0, 5339.0, 5281.0, 5422.0, 5383.0, 5612.0, 5341.0, 5411.0, 5354.0, 5374.0, 5424.0, 5520.0, 5434.0, 5696.0, 5518.0, 5572.0, 5664.0, 5688.0, 5592.0, 5357.0, 5278.0, 5387.0, 5459.0, 5673.0, 5665.0, 5329.0, 5371.0, 5407.0, 5298.0, 5584.0, 5567.0 (number of hits: 5 )
11	5500.0	9	1.0	333	1	5261.0, 5587.0, 5495.0, 5641.0, 5583.0, 5481.0, 5699.0, 5349.0, 5634.0, 5542.0, 5360.0, 5367.0, 5301.0, 5443.0, 5589.0, 5662.0, 5576.0, 5390.0, 5704.0, 5626.0, 5464.0, 5435.0, 5656.0, 5332.0, 5357.0, 5579.0, 5568.0, 5554.0, 5279.0, 5694.0, 5649.0, 5633.0, 5270.0, 5378.0, 5717.0, 5472.0, 5305.0, 5364.0, 5457.0, 5640.0, 5500.0, 5255.0, 5515.0, 5697.0, 5710.0, 5408.0, 5291.0, 5572.0, 5574.0, 5713.0, 5492.0, 5483.0, 5582.0, 5596.0, 5513.0, 5668.0, 5427.0, 5555.0, 5539.0, 5505.0, 5280.0, 5655.0, 5277.0, 5402.0, 5646.0, 5497.0, 5321.0, 5411.0, 5263.0, 5380.0, 5371.0, 5310.0, 5520.0, 5437.0, 5677.0, 5296.0, 5518.0, 5410.0, 5253.0, 5394.0, 5383.0, 5288.0, 5571.0, 5387.0, 5343.0, 5358.0, 5345.0, 5359.0, 5450.0, 5335.0, 5265.0, 5405.0, 5645.0, 5724.0, 5487.0, 5315.0, 5642.0, 5691.0, 5672.0, 5278.0 (number of hits: 5 )
12	5500.0	9	1.0	333	1	5449.0, 5427.0, 5696.0, 5467.0, 5463.0, 5558.0, 5624.0, 5629.0, 5405.0, 5475.0, 5385.0, 5276.0, 5690.0, 5581.0, 5597.0, 5498.0, 5510.0, 5574.0, 5649.0, 5252.0, 5684.0, 5298.0, 5494.0, 5488.0, 5366.0, 5430.0, 5582.0, 5327.0, 5390.0, 5491.0, 5679.0, 5490.0, 5615.0, 5286.0, 5698.0, 5559.0, 5451.0, 5656.0, 5652.0, 5278.0, 5360.0, 5599.0, 5688.0, 5633.0, 5303.0, 5617.0, 5515.0, 5711.0, 5486.0, 5611.0, 5296.0, 5255.0, 5422.0, 5403.0, 5564.0, 5267.0, 5312.0, 5419.0, 5534.0, 5431.0, 5440.0, 5536.0, 5540.0, 5621.0, 5608.0, 5348.0, 5373.0, 5374.0, 5602.0, 5263.0, 5472.0, 5323.0, 5522.0, 5409.0, 5605.0, 5369.0, 5441.0, 5670.0, 5552.0, 5350.0, 5526.0, 5380.0, 5512.0, 5372.0, 5271.0, 5480.0, 5315.0, 5476.0, 5435.0, 5456.0, 5382.0, 5673.0, 5406.0, 5719.0, 5663.0, 5718.0, 5714.0, 5557.0, 5667.0, 5685.0 (number of hits: 3 )
13	5500.0	9	1.0	333	1	5681.0, 5433.0, 5687.0, 5553.0, 5587.0, 5689.0, 5385.0, 5338.0, 5412.0, 5583.0, 5251.0, 5502.0, 5648.0, 5703.0, 5289.0, 5460.0, 5402.0, 5360.0, 5471.0, 5370.0, 5380.0, 5615.0, 5411.0, 5717.0, 5601.0, 5457.0, 5369.0, 5482.0, 5477.0, 5503.0, 5371.0, 5342.0, 5403.0, 5718.0, 5300.0, 5575.0, 5576.0, 5381.0, 5262.0, 5638.0, 5340.0, 5390.0, 5332.0, 5641.0, 5488.0, 5438.0, 5663.0, 5475.0, 5692.0, 5530.0, 5352.0, 5279.0, 5651.0, 5297.0, 5444.0, 5548.0, 5700.0, 5722.0, 5667.0, 5306.0, 5534.0, 5654.0, 5462.0, 5274.0, 5481.0, 5631.0, 5356.0, 5597.0, 5704.0, 5532.0, 5611.0, 5455.0, 5679.0, 5658.0, 5292.0, 5588.0, 5344.0, 5655.0, 5520.0, 5598.0, 5285.0, 5551.0, 5350.0, 5288.0, 5528.0, 5252.0, 5579.0, 5335.0, 5546.0, 5709.0, 5296.0, 5250.0, 5512.0, 5684.0, 5539.0, 5313.0, 5626.0, 5256.0, 5569.0, 5653.0 (number of hits: 2 )
14	5500.0	9	1.0	333	1	5536.0, 5668.0, 5550.0, 5620.0, 5513.0, 5336.0, 5518.0, 5720.0, 5657.0, 5393.0, 5535.0, 5292.0, 5715.0, 5483.0, 5279.0, 5410.0, 5564.0, 5253.0, 5590.0, 5379.0, 5635.0, 5444.0, 5487.0, 5367.0, 5447.0, 5417.0, 5676.0, 5337.0, 5348.0, 5612.0, 5309.0, 5304.0, 5490.0, 5493.0, 5601.0, 5511.0, 5422.0, 5687.0, 5713.0, 5603.0, 5466.0, 5313.0, 5662.0, 5595.0, 5570.0, 5679.0, 5655.0, 5477.0, 5597.0, 5647.0, 5453.0, 5324.0, 5664.0, 5276.0, 5488.0, 5366.0, 5555.0, 5370.0, 5315.0, 5319.0, 5598.0, 5320.0, 5388.0, 5512.0,

						5256.0, 5609.0, 5645.0, 5551.0, 5694.0, 5543.0, 5381.0, 5510.0, 5357.0, 5705.0, 5480.0, 5274.0, 5382.0, 5529.0, 5573.0, 5549.0, 5283.0, 5307.0, 5409.0, 5580.0, 5478.0, 5621.0, 5686.0, 5684.0, 5390.0, 5458.0, 5351.0, 5514.0, 5434.0, 5408.0, 5267.0, 5314.0, 5264.0, 5285.0, 5352.0, 5389.0 (number of hits: 1)
15	5500.0	9	1.0	333	1	5491.0, 5274.0, 5569.0, 5544.0, 5641.0, 5250.0, 5715.0, 5360.0, 5398.0, 5280.0, 5262.0, 5256.0, 5425.0, 5532.0, 5652.0, 5689.0, 5650.0, 5293.0, 5598.0, 5366.0, 5583.0, 5330.0, 5281.0, 5358.0, 5681.0, 5574.0, 5336.0, 5355.0, 5712.0, 5456.0, 5629.0, 5371.0, 5489.0, 5322.0, 5644.0, 5564.0, 5509.0, 5409.0, 5578.0, 5289.0, 5610.0, 5708.0, 5403.0, 5345.0, 5592.0, 5704.0, 5265.0, 5448.0, 5498.0, 5266.0, 5317.0, 5423.0, 5723.0, 5541.0, 5510.0, 5251.0, 5519.0, 5643.0, 5305.0, 5717.0, 5506.0, 5416.0, 5318.0, 5370.0, 5485.0, 5316.0, 5570.0, 5577.0, 5396.0, 5388.0, 5465.0, 5675.0, 5260.0, 5380.0, 5713.0, 5261.0, 5341.0, 5617.0, 5461.0, 5557.0, 5505.0, 5351.0, 5411.0, 5384.0, 5474.0, 5391.0, 5346.0, 5682.0, 5484.0, 5304.0, 5466.0, 5457.0, 5585.0, 5511.0, 5395.0, 5724.0, 5596.0, 5635.0, 5608.0, 5662.0 (number of hits: 4)
16	5500.0	9	1.0	333	1	5376.0, 5319.0, 5723.0, 5399.0, 5303.0, 5532.0, 5370.0, 5309.0, 5507.0, 5320.0, 5329.0, 5570.0, 5621.0, 5258.0, 5582.0, 5710.0, 5375.0, 5338.0, 5630.0, 5341.0, 5533.0, 5534.0, 5653.0, 5486.0, 5359.0, 5435.0, 5459.0, 5413.0, 5474.0, 5608.0, 5505.0, 5308.0, 5513.0, 5695.0, 5501.0, 5663.0, 5575.0, 5504.0, 5476.0, 5569.0, 5527.0, 5365.0, 5677.0, 5332.0, 5535.0, 5587.0, 5576.0, 5652.0, 5706.0, 5269.0, 5378.0, 5354.0, 5543.0, 5624.0, 5620.0, 5654.0, 5705.0, 5657.0, 5510.0, 5278.0, 5439.0, 5310.0, 5279.0, 5481.0, 5664.0, 5650.0, 5392.0, 5545.0, 5633.0, 5379.0, 5434.0, 5522.0, 5637.0, 5467.0, 5588.0, 5475.0, 5684.0, 5400.0, 5389.0, 5358.0, 5577.0, 5312.0, 5302.0, 5446.0, 5581.0, 5683.0, 5609.0, 5502.0, 5512.0, 5518.0, 5295.0, 5349.0, 5493.0, 5260.0, 5590.0, 5605.0, 5321.0, 5619.0, 5414.0, 5437.0 (number of hits: 6)
17	5500.0	9	1.0	333	1	5358.0, 5576.0, 5686.0, 5602.0, 5551.0, 5413.0, 5540.0, 5535.0, 5544.0, 5484.0, 5338.0, 5555.0, 5632.0, 5354.0, 5622.0, 5277.0, 5360.0, 5336.0, 5294.0, 5433.0, 5284.0, 5271.0, 5528.0, 5312.0, 5305.0, 5442.0, 5451.0, 5568.0, 5507.0, 5688.0, 5381.0, 5254.0, 5468.0, 5320.0, 5486.0, 5491.0, 5445.0, 5502.0, 5664.0, 5587.0, 5283.0, 5508.0, 5256.0, 5387.0, 5428.0, 5472.0, 5716.0, 5645.0, 5637.0, 5398.0, 5250.0, 5276.0, 5617.0, 5412.0, 5455.0, 5272.0, 5707.0, 5530.0, 5559.0, 5343.0, 5712.0, 5552.0, 5600.0, 5604.0, 5405.0, 5404.0, 5498.0, 5655.0, 5673.0, 5446.0, 5307.0, 5423.0, 5457.0, 5379.0, 5477.0, 5542.0, 5293.0, 5386.0, 5607.0, 5616.0, 5391.0, 5599.0, 5514.0, 5372.0, 5672.0, 5410.0, 5392.0, 5408.0, 5400.0, 5281.0, 5709.0, 5368.0, 5661.0, 5724.0, 5482.0, 5653.0, 5340.0, 5426.0, 5492.0, 5304.0 (number of hits: 6)
18	5500.0	9	1.0	333	1	5522.0, 5711.0, 5286.0, 5370.0, 5632.0, 5328.0, 5580.0, 5683.0, 5403.0, 5276.0, 5371.0, 5260.0, 5492.0, 5664.0, 5675.0, 5422.0, 5586.0, 5417.0, 5535.0, 5608.0, 5707.0, 5710.0, 5667.0, 5468.0, 5546.0, 5342.0, 5529.0, 5302.0, 5278.0, 5320.0, 5454.0, 5695.0, 5270.0, 5438.0, 5392.0, 5493.0, 5435.0, 5410.0, 5495.0, 5414.0, 5268.0, 5565.0, 5336.0, 5385.0, 5638.0, 5610.0, 5439.0, 5540.0, 5670.0, 5451.0, 5633.0, 5573.0, 5509.0, 5634.0, 5543.0, 5256.0, 5521.0, 5391.0, 5261.0, 5285.0, 5672.0, 5662.0, 5407.0, 5446.0, 5331.0, 5677.0, 5387.0, 5539.0, 5375.0, 5351.0, 5263.0, 5591.0, 5678.0, 5271.0, 5483.0, 5587.0, 5681.0, 5692.0, 5564.0, 5471.0, 5423.0, 5307.0, 5624.0, 5647.0, 5569.0, 5549.0, 5545.0, 5443.0, 5570.0, 5262.0, 5406.0, 5497.0, 5686.0, 5552.0, 5615.0, 5412.0, 5252.0, 5349.0, 5612.0, 5551.0 (number of hits: 4)
19	5500.0	9	1.0	333	1	5668.0, 5503.0, 5382.0, 5659.0, 5635.0, 5649.0, 5258.0, 5359.0, 5670.0, 5551.0, 5556.0, 5682.0, 5296.0, 5261.0, 5714.0, 5554.0, 5581.0, 5290.0, 5644.0, 5316.0, 5262.0, 5483.0, 5323.0, 5723.0, 5688.0, 5368.0, 5418.0, 5517.0, 5396.0, 5618.0, 5454.0, 5350.0,

						5270.0, 5308.0, 5622.0, 5326.0, 5694.0, 5711.0, 5504.0, 5295.0, 5676.0, 5303.0, 5628.0, 5492.0, 5255.0, 5564.0, 5528.0, 5557.0, 5487.0, 5657.0, 5285.0, 5493.0, 5541.0, 5673.0, 5598.0, 5651.0, 5352.0, 5568.0, 5443.0, 5422.0, 5613.0, 5260.0, 5612.0, 5275.0, 5405.0, 5250.0, 5639.0, 5569.0, 5544.0, 5268.0, 5367.0, 5338.0, 5424.0, 5417.0, 5441.0, 5647.0, 5715.0, 5621.0, 5589.0, 5324.0, 5457.0, 5571.0, 5573.0, 5468.0, 5408.0, 5642.0, 5411.0, 5412.0, 5605.0, 5650.0, 5440.0, 5680.0, 5654.0, 5353.0, 5595.0, 5393.0, 5579.0, 5330.0, 5444.0, 5580.0 (number of hits: 4)
20	5500.0	9	1.0	333	1	5545.0, 5449.0, 5529.0, 5450.0, 5483.0, 5264.0, 5453.0, 5527.0, 5567.0, 5374.0, 5695.0, 5380.0, 5315.0, 5321.0, 5651.0, 5691.0, 5512.0, 5417.0, 5608.0, 5662.0, 5541.0, 5475.0, 5362.0, 5594.0, 5641.0, 5339.0, 5563.0, 5585.0, 5521.0, 5347.0, 5649.0, 5511.0, 5628.0, 5414.0, 5298.0, 5652.0, 5398.0, 5436.0, 5393.0, 5421.0, 5653.0, 5570.0, 5452.0, 5260.0, 5365.0, 5359.0, 5478.0, 5715.0, 5542.0, 5705.0, 5664.0, 5598.0, 5663.0, 5329.0, 5462.0, 5683.0, 5317.0, 5579.0, 5609.0, 5667.0, 5537.0, 5559.0, 5720.0, 5375.0, 5327.0, 5517.0, 5581.0, 5686.0, 5486.0, 5548.0, 5680.0, 5388.0, 5287.0, 5391.0, 5283.0, 5377.0, 5494.0, 5355.0, 5560.0, 5574.0, 5503.0, 5513.0, 5446.0, 5532.0, 5423.0, 5255.0, 5433.0, 5335.0, 5343.0, 5485.0, 5405.0, 5291.0, 5497.0, 5674.0, 5373.0, 5419.0, 5558.0, 5267.0, 5336.0, 5522.0 (number of hits: 3)
21	5500.0	9	1.0	333	1	5694.0, 5540.0, 5250.0, 5388.0, 5576.0, 5700.0, 5483.0, 5434.0, 5573.0, 5544.0, 5288.0, 5354.0, 5655.0, 5500.0, 5299.0, 5547.0, 5300.0, 5510.0, 5339.0, 5652.0, 5701.0, 5319.0, 5351.0, 5683.0, 5587.0, 5341.0, 5612.0, 5423.0, 5306.0, 5326.0, 5407.0, 5639.0, 5685.0, 5381.0, 5565.0, 5595.0, 5343.0, 5479.0, 5475.0, 5391.0, 5697.0, 5719.0, 5581.0, 5721.0, 5537.0, 5428.0, 5292.0, 5278.0, 5584.0, 5330.0, 5715.0, 5397.0, 5501.0, 5545.0, 5447.0, 5450.0, 5509.0, 5714.0, 5645.0, 5674.0, 5609.0, 5307.0, 5525.0, 5535.0, 5303.0, 5285.0, 5444.0, 5267.0, 5638.0, 5690.0, 5366.0, 5462.0, 5469.0, 5294.0, 5259.0, 5317.0, 5296.0, 5579.0, 5506.0, 5528.0, 5702.0, 5350.0, 5542.0, 5359.0, 5521.0, 5409.0, 5642.0, 5657.0, 5474.0, 5552.0, 5274.0, 5619.0, 5538.0, 5424.0, 5591.0, 5654.0, 5383.0, 5503.0, 5313.0, 5254.0 (number of hits: 4)
22	5500.0	9	1.0	333	1	5587.0, 5376.0, 5641.0, 5440.0, 5368.0, 5553.0, 5424.0, 5297.0, 5579.0, 5718.0, 5646.0, 5344.0, 5439.0, 5494.0, 5662.0, 5476.0, 5356.0, 5382.0, 5568.0, 5627.0, 5304.0, 5426.0, 5566.0, 5379.0, 5309.0, 5703.0, 5550.0, 5602.0, 5347.0, 5445.0, 5291.0, 5449.0, 5598.0, 5419.0, 5444.0, 5644.0, 5643.0, 5691.0, 5576.0, 5561.0, 5369.0, 5681.0, 5551.0, 5288.0, 5582.0, 5638.0, 5495.0, 5509.0, 5455.0, 5481.0, 5390.0, 5609.0, 5358.0, 5538.0, 5366.0, 5701.0, 5659.0, 5411.0, 5639.0, 5265.0, 5322.0, 5559.0, 5365.0, 5463.0, 5423.0, 5479.0, 5682.0, 5557.0, 5621.0, 5394.0, 5563.0, 5328.0, 5485.0, 5666.0, 5461.0, 5690.0, 5497.0, 5284.0, 5342.0, 5651.0, 5693.0, 5716.0, 5562.0, 5412.0, 5404.0, 5320.0, 5578.0, 5280.0, 5723.0, 5335.0, 5408.0, 5537.0, 5517.0, 5605.0, 5617.0, 5714.0, 5307.0, 5407.0, 5293.0, 5624.0 (number of hits: 3)
23	5500.0	9	1.0	333	1	5304.0, 5576.0, 5708.0, 5463.0, 5628.0, 5680.0, 5554.0, 5350.0, 5281.0, 5661.0, 5504.0, 5618.0, 5318.0, 5402.0, 5397.0, 5328.0, 5273.0, 5296.0, 5491.0, 5539.0, 5698.0, 5634.0, 5610.0, 5314.0, 5466.0, 5544.0, 5379.0, 5568.0, 5484.0, 5613.0, 5358.0, 5395.0, 5507.0, 5380.0, 5569.0, 5565.0, 5487.0, 5414.0, 5373.0, 5359.0, 5388.0, 5687.0, 5635.0, 5259.0, 5679.0, 5369.0, 5303.0, 5460.0, 5417.0, 5561.0, 5681.0, 5404.0, 5716.0, 5677.0, 5564.0, 5714.0, 5376.0, 5556.0, 5570.0, 5427.0, 5662.0, 5658.0, 5584.0, 5607.0, 5592.0, 5603.0, 5627.0, 5693.0, 5345.0, 5488.0, 5701.0, 5457.0, 5453.0, 5319.0, 5665.0, 5650.0, 5636.0, 5435.0, 5405.0, 5341.0, 5719.0, 5493.0, 5541.0, 5694.0, 5534.0, 5499.0, 5450.0, 5699.0, 5309.0, 5666.0, 5312.0, 5271.0, 5340.0, 5548.0, 5574.0, 5642.0, 5583.0, 5385.0, 5349.0, 5285.0 (number of hits: 5)

24	5500.0	9	1.0	333	1	5499.0, 5697.0, 5642.0, 5557.0, 5625.0, 5438.0, 5459.0, 5583.0, 5682.0, 5703.0, 5556.0, 5494.0, 5643.0, 5348.0, 5272.0, 5260.0, 5674.0, 5288.0, 5410.0, 5306.0, 5507.0, 5452.0, 5526.0, 5601.0, 5585.0, 5350.0, 5393.0, 5692.0, 5537.0, 5341.0, 5578.0, 5345.0, 5442.0, 5605.0, 5685.0, 5343.0, 5429.0, 5577.0, 5647.0, 5273.0, 5723.0, 5427.0, 5535.0, 5652.0, 5664.0, 5603.0, 5434.0, 5394.0, 5699.0, 5330.0, 5717.0, 5320.0, 5571.0, 5270.0, 5404.0, 5359.0, 5533.0, 5392.0, 5721.0, 5477.0, 5344.0, 5614.0, 5274.0, 5632.0, 5584.0, 5455.0, 5631.0, 5305.0, 5395.0, 5331.0, 5566.0, 5665.0, 5576.0, 5702.0, 5693.0, 5450.0, 5636.0, 5711.0, 5384.0, 5678.0, 5377.0, 5357.0, 5398.0, 5567.0, 5396.0, 5302.0, 5722.0, 5473.0, 5401.0, 5430.0, 5538.0, 5284.0, 5559.0, 5706.0, 5336.0, 5544.0, 5387.0, 5714.0, 5408.0, 5653.0 (number of hits: 3)
25	5500.0	9	1.0	333	1	5425.0, 5435.0, 5464.0, 5350.0, 5516.0, 5688.0, 5392.0, 5709.0, 5691.0, 5678.0, 5649.0, 5652.0, 5343.0, 5638.0, 5558.0, 5603.0, 5591.0, 5311.0, 5643.0, 5610.0, 5712.0, 5295.0, 5380.0, 5296.0, 5388.0, 5487.0, 5307.0, 5630.0, 5546.0, 5281.0, 5389.0, 5576.0, 5607.0, 5305.0, 5563.0, 5347.0, 5360.0, 5497.0, 5261.0, 5284.0, 5330.0, 5656.0, 5667.0, 5449.0, 5693.0, 5680.0, 5612.0, 5511.0, 5346.0, 5324.0, 5609.0, 5270.0, 5513.0, 5423.0, 5480.0, 5413.0, 5368.0, 5622.0, 5418.0, 5713.0, 5592.0, 5287.0, 5282.0, 5642.0, 5250.0, 5401.0, 5407.0, 5633.0, 5298.0, 5707.0, 5475.0, 5549.0, 5362.0, 5719.0, 5545.0, 5353.0, 5457.0, 5674.0, 5528.0, 5303.0, 5508.0, 5340.0, 5716.0, 5505.0, 5339.0, 5575.0, 5535.0, 5322.0, 5554.0, 5312.0, 5567.0, 5501.0, 5280.0, 5377.0, 5708.0, 5662.0, 5570.0, 5529.0, 5671.0, 5562.0 (number of hits: 4)
26	5500.0	9	1.0	333	1	5424.0, 5496.0, 5611.0, 5414.0, 5427.0, 5310.0, 5358.0, 5603.0, 5559.0, 5474.0, 5593.0, 5631.0, 5581.0, 5568.0, 5493.0, 5378.0, 5692.0, 5555.0, 5353.0, 5549.0, 5385.0, 5556.0, 5521.0, 5369.0, 5516.0, 5648.0, 5497.0, 5600.0, 5601.0, 5492.0, 5622.0, 5646.0, 5615.0, 5570.0, 5416.0, 5712.0, 5288.0, 5584.0, 5574.0, 5388.0, 5677.0, 5420.0, 5322.0, 5463.0, 5461.0, 5286.0, 5487.0, 5498.0, 5456.0, 5591.0, 5341.0, 5630.0, 5426.0, 5520.0, 5675.0, 5386.0, 5438.0, 5293.0, 5668.0, 5387.0, 5531.0, 5676.0, 5657.0, 5363.0, 5696.0, 5616.0, 5507.0, 5642.0, 5305.0, 5580.0, 5321.0, 5325.0, 5468.0, 5575.0, 5263.0, 5499.0, 5566.0, 5500.0, 5267.0, 5525.0, 5389.0, 5477.0, 5504.0, 5586.0, 5536.0, 5711.0, 5366.0, 5319.0, 5309.0, 5422.0, 5674.0, 5469.0, 5440.0, 5715.0, 5443.0, 5311.0, 5298.0, 5610.0, 5666.0, 5576.0 (number of hits: 9)
27	5500.0	9	1.0	333	1	5511.0, 5591.0, 5502.0, 5722.0, 5261.0, 5552.0, 5693.0, 5377.0, 5559.0, 5285.0, 5343.0, 5476.0, 5517.0, 5447.0, 5687.0, 5506.0, 5481.0, 5643.0, 5403.0, 5597.0, 5640.0, 5450.0, 5645.0, 5718.0, 5501.0, 5438.0, 5636.0, 5510.0, 5713.0, 5308.0, 5656.0, 5425.0, 5595.0, 5437.0, 5277.0, 5480.0, 5606.0, 5671.0, 5455.0, 5570.0, 5668.0, 5290.0, 5646.0, 5456.0, 5400.0, 5325.0, 5644.0, 5360.0, 5642.0, 5352.0, 5345.0, 5641.0, 5430.0, 5465.0, 5634.0, 5435.0, 5603.0, 5350.0, 5270.0, 5697.0, 5565.0, 5336.0, 5458.0, 5626.0, 5692.0, 5596.0, 5654.0, 5408.0, 5572.0, 5535.0, 5368.0, 5562.0, 5322.0, 5522.0, 5392.0, 5394.0, 5378.0, 5347.0, 5294.0, 5677.0, 5315.0, 5346.0, 5624.0, 5258.0, 5398.0, 5683.0, 5690.0, 5542.0, 5386.0, 5479.0, 5585.0, 5269.0, 5541.0, 5311.0, 5628.0, 5376.0, 5662.0, 5464.0, 5705.0, 5384.0 (number of hits: 3)
28	5500.0	9	1.0	333	1	5274.0, 5451.0, 5333.0, 5458.0, 5719.0, 5652.0, 5585.0, 5490.0, 5344.0, 5528.0, 5328.0, 5548.0, 5566.0, 5706.0, 5277.0, 5630.0, 5551.0, 5561.0, 5364.0, 5427.0, 5671.0, 5424.0, 5582.0, 5299.0, 5500.0, 5261.0, 5599.0, 5578.0, 5426.0, 5253.0, 5415.0, 5477.0, 5398.0, 5360.0, 5593.0, 5295.0, 5391.0, 5540.0, 5704.0, 5439.0, 5612.0, 5554.0, 5641.0, 5392.0, 5445.0, 5617.0, 5536.0, 5563.0, 5518.0, 5376.0, 5346.0, 5607.0, 5256.0, 5608.0, 5687.0, 5379.0, 5508.0, 5502.0, 5620.0, 5260.0, 5639.0, 5541.0, 5644.0, 5600.0, 5479.0, 5368.0, 5519.0, 5481.0, 5409.0, 5367.0, 5337.0, 5650.0,

						5312.0, 5678.0, 5606.0, 5514.0, 5450.0, 5418.0, 5504.0, 5568.0, 5672.0, 5486.0, 5498.0, 5455.0, 5289.0, 5437.0, 5480.0, 5384.0, 5509.0, 5383.0, 5483.0, 5342.0, 5262.0, 5276.0, 5651.0, 5558.0, 5340.0, 5403.0, 5640.0, 5697.0 (number of hits: 5 )
29	5500.0	9	1.0	333	1	5316.0, 5676.0, 5299.0, 5697.0, 5487.0, 5534.0, 5722.0, 5395.0, 5557.0, 5427.0, 5685.0, 5447.0, 5454.0, 5466.0, 5364.0, 5724.0, 5683.0, 5331.0, 5691.0, 5402.0, 5401.0, 5527.0, 5624.0, 5694.0, 5690.0, 5713.0, 5573.0, 5327.0, 5502.0, 5590.0, 5386.0, 5258.0, 5535.0, 5615.0, 5269.0, 5424.0, 5273.0, 5431.0, 5298.0, 5387.0, 5626.0, 5300.0, 5405.0, 5385.0, 5501.0, 5337.0, 5652.0, 5296.0, 5576.0, 5396.0, 5372.0, 5556.0, 5650.0, 5284.0, 5434.0, 5260.0, 5643.0, 5696.0, 5301.0, 5347.0, 5581.0, 5339.0, 5282.0, 5266.0, 5620.0, 5450.0, 5341.0, 5644.0, 5476.0, 5550.0, 5582.0, 5324.0, 5721.0, 5496.0, 5640.0, 5363.0, 5274.0, 5514.0, 5720.0, 5326.0, 5482.0, 5338.0, 5491.0, 5600.0, 5634.0, 5368.0, 5488.0, 5409.0, 5570.0, 5435.0, 5321.0, 5504.0, 5390.0, 5594.0, 5394.0, 5718.0, 5366.0, 5506.0, 5539.0, 5436.0 (number of hits: 6 )
30	5500.0	9	1.0	333	1	5657.0, 5255.0, 5480.0, 5596.0, 5550.0, 5421.0, 5282.0, 5633.0, 5554.0, 5559.0, 5587.0, 5474.0, 5357.0, 5310.0, 5530.0, 5373.0, 5341.0, 5617.0, 5313.0, 5278.0, 5533.0, 5494.0, 5482.0, 5292.0, 5594.0, 5528.0, 5427.0, 5293.0, 5622.0, 5508.0, 5420.0, 5676.0, 5714.0, 5593.0, 5690.0, 5263.0, 5661.0, 5481.0, 5330.0, 5487.0, 5466.0, 5491.0, 5469.0, 5669.0, 5256.0, 5465.0, 5680.0, 5565.0, 5429.0, 5435.0, 5711.0, 5623.0, 5262.0, 5548.0, 5369.0, 5276.0, 5430.0, 5367.0, 5685.0, 5601.0, 5674.0, 5488.0, 5713.0, 5447.0, 5484.0, 5320.0, 5513.0, 5681.0, 5570.0, 5605.0, 5721.0, 5718.0, 5382.0, 5542.0, 5590.0, 5335.0, 5569.0, 5434.0, 5695.0, 5684.0, 5644.0, 5372.0, 5485.0, 5647.0, 5627.0, 5543.0, 5697.0, 5326.0, 5342.0, 5359.0, 5412.0, 5291.0, 5390.0, 5702.0, 5536.0, 5258.0, 5630.0, 5700.0, 5505.0, 5446.0 (number of hits: 4 )



**P2P Mode  
Pine Radio****5510 MHz, 40 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	93.3 %	60%	Pass
<b>Type 2</b>	30	83.3 %	60%	Pass
<b>Type 3</b>	30	90 %	60%	Pass
<b>Type 4</b>	30	90 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	89.1 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	72	1.0	738	1
2	57	1.0	938	1
3	92	1.0	578	1
4	81	1.0	658	1
5	68	1.0	778	1
6	99	1.0	538	1
7	70	1.0	758	1
8	61	1.0	878	0
9	102	1.0	518	1
10	63	1.0	838	1
11	89	1.0	598	1
12	65	1.0	818	1
13	67	1.0	798	1
14	83	1.0	638	1
15	62	1.0	858	1
16	48	1.0	1103	1
17	19	1.0	2812	1
18	43	1.0	1255	1
19	26	1.0	2111	1
20	28	1.0	1952	1
21	20	1.0	2709	1
22	40	1.0	1328	0
23	26	1.0	2058	1
24	19	1.0	2858	1
25	24	1.0	2232	1
26	40	1.0	1348	1
27	95	1.0	560	1
28	30	1.0	1795	1
29	20	1.0	2685	1
30	19	1.0	2789	1
<b>Detection Percentage: 93.3 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (µS)</b>	<b>PRI (µs)</b>	<b>Detection (1:yes; 0:no)</b>
1	27	1.5	205	1
2	24	3.8	206	1
3	29	1.6	169	1
4	29	1.8	172	1
5	28	1.2	198	0
6	29	1.1	189	1
7	26	4.5	215	1
8	25	3.8	167	1
9	26	4.7	208	1
10	23	3.1	172	1
11	25	3.7	207	1
12	27	3.7	150	1
13	26	2.7	157	1
14	24	2.4	230	1
15	25	1.5	179	1
16	24	2.7	225	1
17	29	1.3	201	1
18	23	3.6	188	0
19	25	2.4	161	1
20	26	2.7	219	0
21	24	2.8	205	1
22	24	2.2	161	1
23	24	4.0	206	0
24	29	2.3	169	1
25	24	4.2	218	1
26	24	3.3	223	0
27	23	4.9	184	1
28	29	3.6	217	1
29	27	2.6	223	1
30	23	4.8	194	1
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.

Trial #	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	17	8.0	437	1
2	16	8.5	358	1
3	17	7.8	447	1
4	16	9.6	451	1
5	16	6.4	479	1
6	18	9.0	405	1
7	16	8.9	271	1
8	17	9.5	399	1
9	18	9.3	385	1
10	17	9.1	228	1
11	16	8.9	458	1
12	16	9.2	341	1
13	17	7.0	278	1
14	18	6.0	424	1
15	17	7.5	470	0
16	16	9.1	386	0
17	16	9.4	431	1
18	17	10.0	202	0
19	16	8.5	428	1
20	18	9.6	432	1
21	16	9.5	442	1
22	16	8.8	437	1
23	17	7.5	269	1
24	17	9.5	404	1
25	18	8.0	320	1
26	16	6.0	282	1
27	18	8.7	465	1
28	18	8.8	247	1
29	17	6.9	237	1
30	18	7.3	226	1
<b>Detection Percentage: 90 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	16	14.6	295	1
2	14	15.3	463	1
3	15	16.0	224	1
4	16	17.1	474	1
5	13	18.1	265	1
6	12	13.0	312	1
7	14	13.3	450	1
8	15	14.5	367	0
9	15	12.7	431	1
10	14	15.9	496	1
11	16	14.2	241	1
12	14	15.1	274	1
13	15	20.0	301	1
14	14	11.0	224	1
15	12	14.1	254	1
16	13	16.1	242	1
17	15	15.0	275	1
18	14	16.7	317	1
19	16	17.3	232	1
20	15	13.8	338	1
21	12	15.3	283	1
22	13	19.3	264	0
23	14	16.8	222	1
24	13	15.3	493	1
25	15	13.1	425	1
26	13	17.6	289	1
27	12	14.6	234	0
28	16	17.8	475	1
29	12	14.9	218	1
30	13	17.6	428	1
<b>Detection Percentage: 90 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5510	1
2	5510	1
3	5510	1
4	5510	1
5	5510	1
6	5510	1
7	5510	1
8	5510	1
9	5510	1
10	5510	1
11	5498.8	1
12	5495.2	1
13	5499.6	1
14	5499.2	1
15	5495.6	1
16	5499.6	1
17	5498.0	1
18	5496.8	1
19	5498.0	1
20	5495.6	1
21	5524.4	1
22	5523.2	1
23	5523.6	1
24	5523.2	1
25	5525.2	1
26	5524.0	1
27	5524.4	1
28	5524.8	1
29	5524.8	1
30	5524.0	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	58.0	1550	1513	0.538339	1
1	1	9	85.7			1.272422	
2	3	9	62.2	1327	1866	1.957500	
3	2	9	61.3	1807		2.476508	
4	3	9	61.9	1565	1646	3.112879	
5	2	9	87.3	1552		3.629002	
6	1	9	81.3			4.314988	
7	1	9	61.0			4.836588	
8	2	9	78.7	1022		5.570101	
9	1	9	92.7			6.596617	
10	2	9	50.8	1772		7.095984	
11	3	9	100.0	1795	1537	7.927772	
12	2	9	87.7	1421		8.605054	
13	1	9	88.5			8.952251	
14	2	9	61.1	1378		9.912974	
15	3	9	63.1	1645	1344	10.558827	
16	2	9	54.2	1244		10.987363	
17	1	9	71.3			11.357404	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	95.1	1319		0.367166	1
1	2	5	51.6	1138		0.792702	
2	2	5	51.9	1111		1.728436	
3	1	5	89.2			2.703013	
4	1	5	57.8			3.091474	
5	3	5	79.7	1295	1803	3.752850	
6	1	5	82.8			4.692195	
7	2	5	53.5	1615		5.316972	
8	3	5	68.5	1819	1441	6.525094	
9	1	5	78.8			6.878278	
10	1	5	99.5			8.238512	
11	2	5	96.0	1276		8.558603	
12	1	5	69.6			9.617567	
13	1	5	71.9			10.237871	
14	2	5	62.2	1385		10.538233	
15	1	5	99.0			11.714378	

## Bin5 Statistics 3

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (µS)</b>	<b>Pulse 2-3 spacing (µS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	3	11	80.7	1512	1216	0.167200	1
1	1	11	72.3			1.572901	
2	2	11	68.2	1095		2.218499	
3	2	11	87.7	1535		3.015362	
4	2	11	50.8	1821		3.969904	
5	3	11	85.1	1507	1865	4.444416	
6	3	11	52.2	1861	1217	5.008467	
7	2	11	69.5	1622		5.669736	
8	3	11	99.3	1691	1086	6.670071	
9	3	11	84.5	1176	1080	7.219276	
10	3	11	66.0	1768	1283	8.733863	
11	2	11	73.6	1930		9.106629	
12	1	11	96.4			10.139912	
13	3	11	63.8	1440	1697	10.585603	
14	2	11	87.5	1911		11.736897	



## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	57.5	1141		0.395266	1
1	3	8	56.9	1507	1348	0.837769	
2	1	8	77.5			1.876331	
3	1	8	52.4			2.061540	
4	2	8	88.7	1582		3.083797	
5	3	8	57.5	1733	1344	3.335286	
6	1	8	85.0			3.917275	
7	1	8	53.3			4.632521	
8	2	8	68.8	1207		5.166670	
9	2	8	81.1	1363		6.096943	
10	3	8	64.6	1577	1775	6.782607	
11	2	8	74.1	1579		7.237322	
12	2	8	59.4	1208		7.911051	
13	2	8	94.7	1340		8.754283	
14	3	8	90.5	1519	1344	9.430515	
15	1	8	53.4			9.913941	
16	2	8	60.4	1336		10.494243	
17	2	8	78.3	1887		11.034782	
18	3	8	78.8	1799	1751	11.495889	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	89.0	1857		0.650346	1
1	3	8	83.0	1360	1027	2.166387	
2	1	8	67.7			3.237624	
3	1	8	77.4			4.168725	
4	3	8	92.0	1157	1817	5.792747	
5	2	8	60.3	1464		7.083553	
6	1	8	74.7			7.873143	
7	2	8	56.5	1796		8.878977	
8	2	8	91.5	1013		9.713191	
9	2	8	82.0	1643		11.539143	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	76.0	1596		0.139969	1
1	2	15	57.7	1691		0.747151	
2	2	15	90.9	1998		1.382828	
3	2	15	79.4	1922		2.334121	
4	2	15	58.4	1537		3.076703	
5	2	15	93.6	1598		3.497548	
6	3	15	83.3	1358	1237	4.002106	
7	1	15	98.8			4.700605	
8	2	15	75.2	1899		5.159953	
9	2	15	61.1	1650		5.871001	
10	2	15	80.8	1207		6.336362	
11	1	15	99.6			7.293333	
12	1	15	94.5			8.202470	
13	2	15	88.2	1624		8.449982	
14	2	15	84.6	1150		9.433987	
15	2	15	52.9	1785		9.727927	
16	2	15	84.1	1587		10.544698	
17	2	15	71.9	1838		10.944436	
18	2	15	98.4	1894		11.752772	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	99.6	1414		0.115606	1
1	2	6	96.0	1534		1.228667	
2	1	6	95.9			2.135925	
3	2	6	88.3	1505		2.710446	
4	2	6	62.7	1834		3.792846	
5	3	6	69.5	1305	1433	4.198392	
6	2	6	54.1	1035		5.131408	
7	3	6	81.6	1806	1669	5.773550	
8	1	6	54.8			6.621320	
9	1	6	63.3			7.247819	
10	3	6	64.4	1571	1596	8.245177	
11	1	6	73.4			8.927960	
12	2	6	84.7	1145		10.193475	
13	1	6	89.1			10.446215	
14	2	6	98.4	1419		11.705121	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	85.0	1336	1139	0.314609	1
1	2	9	71.6	1546		0.797761	
2	3	9	96.3	1835	1482	1.581959	
3	2	9	52.3	1165		2.729544	
4	1	9	84.8			2.876373	
5	3	9	82.3	1296	1192	3.901670	
6	1	9	85.6			4.410311	
7	3	9	83.2	1561	1421	5.471631	
8	1	9	77.3			5.885599	
9	2	9	72.2	1482		6.891405	
10	2	9	92.7	1944		7.670349	
11	2	9	95.9	1271		8.286692	
12	3	9	67.3	1747	1515	8.991336	
13	3	9	63.2	1122	1879	9.456718	
14	2	9	97.8	1163		10.048302	
15	2	9	99.4	1230		10.726415	
16	2	9	79.4	1583		11.534388	

## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	81.3			0.479262	1
1	2	8	81.4	1225		1.587225	
2	3	8	66.5	1683	1150	2.185446	
3	2	8	96.2	1307		3.372598	
4	2	8	66.7	1712		4.567326	
5	2	8	54.1	1181		5.903303	
6	3	8	62.6	1610	1515	6.768722	
7	2	8	77.7	1317		7.537181	
8	2	8	95.4	1612		8.570742	
9	3	8	62.6	1785	1162	9.175763	
10	2	8	53.3	1436		10.140828	
11	2	8	52.3	1156		11.195056	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	90.7	1839		0.961489	1
1	2	13	75.5	1318		1.473498	
2	1	13	98.6			2.742840	
3	2	13	56.2	1526		4.245840	
4	2	13	69.3	1934		5.385143	
5	2	13	88.6	1305		7.060071	
6	3	13	85.1	1338	1613	8.337705	
7	2	13	60.3	1644		8.783014	
8	2	13	59.1	1174		9.676465	
9	1	13	97.8			11.720984	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	80.7	1719		0.383314	1
1	2	17	86.3	1439		1.175990	
2	2	17	54.6	1385		1.423858	
3	1	17	59.3			2.422602	
4	1	17	83.5			2.733544	
5	2	17	78.4	1042		3.968529	
6	1	17	59.8			4.113798	
7	1	17	93.9			5.239654	
8	1	17	86.4			5.947327	
9	1	17	97.1			6.243108	
10	2	17	50.3	1478		6.949091	
11	2	17	83.8	1111		7.799899	
12	3	17	85.7	1217	1730	8.115332	
13	2	17	69.5	1417		8.736555	
14	1	17	62.7			9.392252	
15	3	17	94.3	1247	1797	10.515604	
16	3	17	63.9	1680	1906	11.113811	
17	3	17	52.8	1964	1497	11.704500	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	83.8	1892		0.568407	1
1	2	8	83.1	1112		1.212844	
2	2	8	80.4	1195		2.238843	
3	2	8	88.3	1190		3.627030	
4	2	8	66.3	1671		4.785631	
5	3	8	59.9	1585	1414	5.564416	
6	1	8	62.2			6.920592	
7	1	8	90.6			8.393445	
8	1	8	95.1			9.726311	
9	2	8	95.7	1562		10.715539	
10	3	8	59.2	1758	1672	11.454680	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	54.9	1909		0.186518	1
1	2	19	64.5	1275		1.045527	
2	2	19	87.9	1290		1.294192	
3	2	19	68.6	1589		1.850443	
4	2	19	55.7	1796		2.663903	
5	2	19	86.9	1253		3.233378	
6	3	19	59.5	1249	1829	3.805949	
7	2	19	81.6	1874		4.587139	
8	2	19	62.8	1401		4.912131	
9	3	19	90.5	1618	1612	5.738159	
10	1	19	77.6			6.433603	
11	2	19	80.7	1123		6.804857	
12	3	19	81.8	1350	1835	7.681397	
13	2	19	80.9	1270		8.261056	
14	2	19	70.4	1111		8.589403	
15	1	19	62.0			9.549393	
16	2	19	69.9	1677		9.922511	
17	3	19	57.6	1818	1504	10.423142	
18	2	19	58.8	1942		11.101243	
19	3	19	88.1	1439	1570	11.837225	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	58.5			0.141848	1
1	2	18	85.9	1991		2.043910	
2	1	18	61.8			3.542880	
3	2	18	77.1	1744		4.080909	
4	3	18	96.9	1460	1528	5.637845	
5	3	18	60.4	1114	1057	6.006131	
6	1	18	76.9			7.737792	
7	2	18	96.4	1003		8.869530	
8	2	18	93.1	1541		9.608374	
9	2	18	94.1	1955		11.768358	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	79.8	1379	1200	0.785693	1
1	2	9	63.2	1020		1.784544	
2	1	9	81.9			2.305697	
3	2	9	97.1	1749		3.245244	
4	3	9	64.5	1466	1631	4.288531	
5	1	9	80.4			5.811459	
6	2	9	91.0	1479		6.844005	
7	3	9	54.8	1895	1039	7.211546	
8	2	9	74.2	1162		8.833004	
9	3	9	56.3	1412	1782	9.159309	
10	1	9	77.1			10.845466	
11	2	9	51.9	1570		11.663111	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	98.7			1.318412	1
1	2	19	67.5	1308		2.580258	
2	3	19	71.8	1022	1828	3.193624	
3	3	19	75.9	1767	1409	5.278336	
4	1	19	76.7			6.558043	
5	3	19	68.8	1442	1678	7.700881	
6	2	19	69.5	1981		9.107339	
7	3	19	61.1	1459	1270	9.363196	
8	1	19	85.3			11.065375	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	60.7	1379	1028	0.679587	1
1	3	15	76.5	1743	1591	1.738986	
2	1	15	85.9			3.456229	
3	2	15	96.2	1694		4.863335	
4	2	15	66.4	1711		5.434970	
5	2	15	57.4	1643		7.070012	
6	1	15	77.8			8.527055	
7	2	15	98.7	1361		10.461227	
8	2	15	88.4	1032		10.755899	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	59.9			0.793808	1
1	1	12	76.6			1.640959	
2	2	12	63.0	1377		2.115694	
3	1	12	51.8			2.929956	
4	1	12	55.4			3.849378	
5	1	12	76.9			4.751519	
6	2	12	84.9	1751		5.341126	
7	1	12	70.8			6.279218	
8	3	12	93.7	1902	1315	7.320218	
9	2	12	63.8	1848		8.308282	
10	2	12	83.1	1104		9.272614	
11	2	12	76.8	1511		9.702285	
12	2	12	80.4	1116		10.828421	
13	2	12	95.5	1913		11.448962	



## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	60.5	1333		0.703089	1
1	2	15	82.1	1564		0.844014	
2	3	15	58.7	1595	1332	2.392926	
3	3	15	97.4	1909	1263	2.939227	
4	1	15	92.5			3.637944	
5	2	15	61.1	1369		4.082425	
6	3	15	68.5	1427	1025	5.193185	
7	2	15	54.0	1034		5.867199	
8	1	15	89.1			6.996545	
9	2	15	59.9	1706		7.323571	
10	2	15	52.1	1658		8.342619	
11	1	15	98.5			8.872758	
12	1	15	81.8			9.798473	
13	2	15	69.0	1386		11.171782	
14	1	15	92.2			11.899076	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	97.3	1190	1103	0.199338	1
1	1	9	53.5			0.851927	
2	1	9	70.8			2.043602	
3	2	9	68.2	1999		2.989366	
4	2	9	97.6	1390		3.714928	
5	2	9	67.8	1472		4.439985	
6	1	9	89.2			5.219846	
7	3	9	51.6	1126	1095	5.803612	
8	2	9	87.6	1662		6.696748	
9	3	9	74.5	1668	1590	7.018751	
10	2	9	78.8	1255		7.575346	
11	3	9	86.1	1459	1539	8.753920	
12	1	9	93.8			9.475753	
13	3	9	86.1	1812	1207	10.017253	
14	2	9	56.1	1082		11.021407	
15	2	9	62.8	1040		11.940213	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	83.9	1262	1779	0.584083	1
1	1	9	65.6			1.229366	
2	2	9	94.9	1804		1.696024	
3	1	9	52.2			2.603461	
4	2	9	60.8	1827		3.082894	
5	2	9	88.3	1194		3.373169	
6	3	9	71.9	1469	1659	4.285999	
7	2	9	90.4	1871		4.717913	
8	3	9	76.6	1406	1285	5.593856	
9	3	9	63.0	1371	1656	6.620099	
10	2	9	51.4	1783		7.306350	
11	1	9	78.1			7.428452	
12	1	9	73.0			8.290590	
13	1	9	65.1			8.985465	
14	2	9	56.3	1764		9.909261	
15	3	9	90.7	1445	1150	10.390176	
16	3	9	85.0	1404	1759	11.077354	
17	1	9	84.1			11.344535	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	97.4	1618		0.147300	1
1	2	12	75.4	1535		1.142449	
2	2	12	76.2	1945		2.307315	
3	2	12	68.6	1679		3.164508	
4	1	12	76.5			3.407353	
5	1	12	83.5			4.282205	
6	2	12	77.2	1331		5.265735	
7	2	12	60.7	1623		5.820720	
8	2	12	85.8	1630		6.577882	
9	2	12	62.6	1939		7.420070	
10	2	12	80.4	1208		8.259127	
11	2	12	68.0	1385		9.470080	
12	2	12	77.0	1355		10.236542	
13	2	12	78.0	1978		10.795365	
14	2	12	79.1	1109		11.394925	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	75.2	1463		1.057987	1
1	1	11	97.4			2.070687	
2	2	11	90.2	1244		2.745596	
3	3	11	67.0	1817	1804	3.535508	
4	2	11	96.9	1189		5.312442	
5	2	11	70.2	1714		5.708345	
6	1	11	53.8			7.068575	
7	2	11	94.3	1222		7.988735	
8	3	11	65.1	1132	1074	8.748337	
9	1	11	68.3			9.881219	
10	1	11	95.0			10.928315	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	55.0	1382		0.148013	1
1	2	12	57.1	1887		0.815132	
2	2	12	69.9	1901		1.761763	
3	2	12	50.6	1156		2.459606	
4	2	12	52.4	1088		3.072084	
5	2	12	90.9	1098		3.605928	
6	2	12	51.7	1109		4.411886	
7	3	12	59.8	1766	1387	5.116772	
8	1	12	86.3			5.362332	
9	3	12	64.9	1468	1693	6.368624	
10	3	12	92.9	1083	1234	7.129857	
11	1	12	53.9			7.985852	
12	2	12	77.4	1361		8.129072	
13	3	12	82.7	1957	1367	9.033285	
14	1	12	58.8			9.706876	
15	2	12	63.6	1392		10.323594	
16	2	12	90.5	1171		11.304035	
17	2	12	80.0	1675		11.988677	

## Bin5 Statistics 25

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	2	7	92.9	1983		0.084697	1
1	1	7	75.6			2.051202	
2	2	7	51.6	1981		3.254088	
3	2	7	95.2	1841		4.068842	
4	2	7	66.7	1958		5.002098	
5	2	7	85.2	1203		6.991061	
6	3	7	95.3	1206	1233	7.643700	
7	2	7	84.6	1496		8.994173	
8	3	7	64.0	1251	1292	10.653515	
9	3	7	69.2	1256	1123	10.886550	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	82.8			0.663838	1
1	2	10	59.5	1693		1.794134	
2	2	10	60.8	1455		3.542272	
3	1	10	72.3			3.994649	
4	2	10	51.4	1380		5.702130	
5	1	10	54.8			6.573410	
6	1	10	78.1			7.468223	
7	1	10	87.9			9.175932	
8	3	10	89.1	1184	1908	9.639124	
9	1	10	58.4			11.569342	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	98.5	1906	1054	0.116679	1
1	3	9	94.9	1731	1915	0.848418	
2	1	9	53.9			1.848352	
3	2	9	55.1	1423		2.368240	
4	2	9	52.9	1069		2.997178	
5	3	9	83.6	1131	1647	3.645968	
6	2	9	55.1	1247		4.292464	
7	2	9	90.0	1257		4.495182	
8	2	9	83.5	1107		5.209897	
9	2	9	62.5	1050		6.233996	
10	3	9	58.9	1969	1579	6.910942	
11	2	9	84.8	1408		7.194317	
12	2	9	97.3	1818		8.037661	
13	2	9	71.7	1406		8.277250	
14	2	9	90.4	1999		8.865328	
15	2	9	80.7	1585		9.693471	
16	2	9	61.7	1974		10.298454	
17	2	9	68.1	1993		10.777694	
18	2	9	65.7	1063		11.702926	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	81.8	1040	1964	0.077565	1
1	2	8	50.3	1757		0.688891	
2	1	8	97.7			1.628732	
3	3	8	85.1	1333	1285	2.236754	
4	2	8	76.1	1775		3.134109	
5	2	8	60.1	1690		3.637480	
6	2	8	64.8	1754		4.106269	
7	1	8	85.6			4.519885	
8	2	8	59.7	1353		5.313471	
9	1	8	76.7			5.710902	
10	1	8	51.9			6.378467	
11	2	8	60.9	1168		7.350093	
12	3	8	66.8	1423	1932	8.069988	
13	3	8	52.6	1198	1224	8.595630	
14	2	8	61.3	1498		8.842346	
15	3	8	92.1	1754	1385	9.901556	
16	3	8	65.1	1080	1448	10.658401	
17	2	8	62.4	1679		11.213500	
18	2	8	78.8	1824		11.607512	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	60.8	1020	1818	0.284123	1
1	2	8	94.6	1861		0.969140	
2	2	8	82.7	1334		2.245284	
3	2	8	82.6	1009		2.408508	
4	2	8	50.5	1953		3.107307	
5	3	8	83.5	1001	1793	3.999184	
6	3	8	64.2	1207	1259	4.707086	
7	1	8	91.5			5.508335	
8	3	8	54.1	1677	1038	6.419851	
9	2	8	80.4	1215		6.832765	
10	2	8	53.8	1095		7.533690	
11	2	8	55.0	1698		8.451711	
12	1	8	90.7			9.173954	
13	2	8	84.3	1450		10.268264	
14	2	8	54.6	1127		10.889018	
15	3	8	90.9	1845	1193	11.823025	

## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	66.7	1355		0.098526	1
1	2	10	91.1	1071		0.935585	
2	1	10	88.8			1.511505	
3	2	10	94.6	1216		2.050402	
4	2	10	53.7	1661		2.670505	
5	2	10	55.4	1287		3.673835	
6	3	10	70.3	1118	1843	3.930026	
7	2	10	50.6	1301		4.882376	
8	2	10	95.3	1297		5.201668	
9	3	10	99.1	1438	1721	6.107089	
10	2	10	95.5	1097		6.495572	
11	2	10	62.5	1598		7.490339	
12	3	10	78.0	1826	1545	7.715900	
13	2	10	84.7	1611		8.243568	
14	1	10	64.2			9.180670	
15	2	10	98.9	1937		9.990308	
16	1	10	67.9			10.189851	
17	3	10	74.5	1599	1157	11.103324	
18	2	10	69.8	1263		11.931199	



**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5510.0	9	1.0	333	1	5691.0, 5335.0, 5476.0, 5638.0, 5411.0, 5254.0, 5397.0, 5440.0, 5263.0, 5267.0, 5614.0, 5689.0, 5370.0, 5253.0, 5720.0, 5294.0, 5536.0, 5711.0, 5601.0, 5433.0, 5676.0, 5448.0, 5305.0, 5347.0, 5625.0, 5610.0, 5517.0, 5592.0, 5682.0, 5281.0, 5446.0, 5259.0, 5383.0, 5474.0, 5627.0, 5498.0, 5679.0, 5283.0, 5325.0, 5360.0, 5686.0, 5545.0, 5685.0, 5688.0, 5380.0, 5468.0, 5717.0, 5269.0, 5420.0, 5473.0, 5388.0, 5298.0, 5528.0, 5466.0, 5268.0, 5432.0, 5299.0, 5622.0, 5409.0, 5443.0, 5357.0, 5718.0, 5484.0, 5599.0, 5389.0, 5308.0, 5289.0, 5422.0, 5376.0, 5655.0, 5355.0, 5525.0, 5436.0, 5403.0, 5594.0, 5522.0, 5349.0, 5555.0, 5317.0, 5377.0, 5714.0, 5552.0, 5646.0, 5361.0, 5423.0, 5705.0, 5539.0, 5252.0, 5538.0, 5604.0, 5300.0, 5338.0, 5531.0, 5674.0, 5405.0, 5455.0, 5606.0, 5519.0, 5351.0, 5514.0 (number of hits: 6)
2	5510.0	9	1.0	333	1	5463.0, 5608.0, 5613.0, 5563.0, 5572.0, 5326.0, 5391.0, 5664.0, 5373.0, 5294.0, 5449.0, 5611.0, 5574.0, 5341.0, 5394.0, 5475.0, 5684.0, 5448.0, 5682.0, 5544.0, 5480.0, 5612.0, 5521.0, 5600.0, 5722.0, 5498.0, 5336.0, 5312.0, 5610.0, 5415.0, 5678.0, 5353.0, 5319.0, 5491.0, 5554.0, 5658.0, 5452.0, 5591.0, 5632.0, 5398.0, 5432.0, 5648.0, 5422.0, 5576.0, 5656.0, 5523.0, 5721.0, 5343.0, 5269.0, 5418.0, 5641.0, 5267.0, 5547.0, 5698.0, 5324.0, 5602.0, 5640.0, 5582.0, 5354.0, 5403.0, 5539.0, 5630.0, 5588.0, 5668.0, 5393.0, 5599.0, 5569.0, 5724.0, 5368.0, 5659.0, 5714.0, 5665.0, 5293.0, 5666.0, 5559.0, 5361.0, 5686.0, 5308.0, 5711.0, 5357.0, 5397.0, 5515.0, 5536.0, 5701.0, 5500.0, 5261.0, 5705.0, 5486.0, 5279.0, 5411.0, 5301.0, 5720.0, 5545.0, 5718.0, 5439.0, 5647.0, 5579.0, 5478.0, 5447.0, 5337.0 (number of hits: 5)
3	5510.0	9	1.0	333	1	5595.0, 5265.0, 5369.0, 5377.0, 5604.0, 5272.0, 5583.0, 5698.0, 5392.0, 5423.0, 5627.0, 5296.0, 5556.0, 5500.0, 5285.0, 5606.0, 5290.0, 5360.0, 5644.0, 5313.0, 5718.0, 5391.0, 5492.0, 5534.0, 5333.0, 5260.0, 5633.0, 5254.0, 5526.0, 5304.0, 5281.0, 5367.0, 5609.0, 5516.0, 5447.0, 5387.0, 5336.0, 5319.0, 5717.0, 5485.0, 5674.0, 5438.0, 5512.0, 5283.0, 5540.0, 5514.0, 5503.0, 5337.0, 5584.0, 5385.0, 5568.0, 5531.0, 5524.0, 5279.0, 5267.0, 5560.0, 5437.0, 5380.0, 5463.0, 5366.0, 5591.0, 5453.0, 5405.0, 5646.0, 5413.0, 5432.0, 5700.0, 5612.0, 5714.0, 5537.0, 5299.0, 5466.0, 5269.0, 5640.0, 5440.0, 5251.0, 5576.0, 5491.0, 5480.0, 5709.0, 5486.0, 5552.0, 5562.0, 5569.0, 5710.0, 5722.0, 5498.0, 5684.0, 5465.0, 5566.0, 5323.0, 5519.0, 5701.0, 5550.0, 5404.0, 5691.0, 5431.0, 5670.0, 5553.0, 5284.0 (number of hits: 10)
4	5510.0	9	1.0	333	1	5352.0, 5274.0, 5303.0, 5675.0, 5686.0, 5515.0, 5579.0, 5520.0, 5617.0, 5545.0, 5405.0, 5355.0, 5528.0, 5256.0, 5687.0, 5723.0, 5338.0, 5356.0, 5609.0, 5601.0, 5536.0, 5290.0, 5722.0, 5320.0, 5293.0, 5698.0, 5490.0, 5654.0, 5600.0, 5558.0, 5477.0, 5473.0, 5444.0, 5606.0, 5431.0, 5275.0, 5481.0, 5465.0, 5539.0, 5514.0, 5436.0, 5517.0, 5700.0, 5369.0, 5324.0, 5389.0, 5315.0, 5503.0, 5714.0, 5366.0, 5383.0, 5434.0, 5426.0, 5291.0, 5541.0, 5470.0, 5590.0, 5446.0, 5316.0, 5466.0, 5507.0, 5623.0, 5304.0, 5586.0, 5419.0, 5450.0, 5420.0, 5493.0, 5653.0, 5486.0, 5277.0, 5464.0, 5488.0, 5691.0, 5359.0, 5678.0, 5351.0, 5272.0, 5364.0, 5498.0, 5608.0, 5448.0, 5457.0, 5585.0, 5598.0, 5683.0, 5593.0, 5401.0, 5312.0, 5266.0, 5378.0, 5495.0, 5299.0, 5562.0, 5533.0, 5552.0, 5509.0, 5702.0, 5716.0, 5574.0 (number of hits: 10)
5	5510.0	9	1.0	333	1	5424.0, 5610.0, 5692.0, 5632.0, 5595.0, 5657.0, 5634.0, 5691.0, 5332.0, 5617.0, 5596.0, 5325.0, 5339.0, 5598.0, 5494.0, 5254.0, 5706.0, 5272.0, 5721.0, 5270.0, 5522.0, 5697.0, 5599.0, 5717.0,

						5376.0, 5584.0, 5458.0, 5536.0, 5540.0, 5294.0, 5429.0, 5532.0, 5639.0, 5523.0, 5489.0, 5579.0, 5501.0, 5574.0, 5415.0, 5481.0, 5265.0, 5396.0, 5577.0, 5586.0, 5264.0, 5408.0, 5541.0, 5628.0, 5531.0, 5499.0, 5652.0, 5399.0, 5566.0, 5259.0, 5710.0, 5350.0, 5724.0, 5578.0, 5594.0, 5397.0, 5437.0, 5520.0, 5625.0, 5317.0, 5473.0, 5288.0, 5257.0, 5406.0, 5619.0, 5280.0, 5544.0, 5546.0, 5302.0, 5348.0, 5662.0, 5504.0, 5518.0, 5524.0, 5367.0, 5486.0, 5569.0, 5368.0, 5464.0, 5495.0, 5405.0, 5392.0, 5387.0, 5722.0, 5705.0, 5664.0, 5417.0, 5669.0, 5444.0, 5448.0, 5435.0, 5597.0, 5468.0, 5528.0, 5573.0, 5384.0 (number of hits: 10)
6	5510.0	9	1.0	333	1	5594.0, 5315.0, 5563.0, 5260.0, 5297.0, 5569.0, 5457.0, 5626.0, 5266.0, 5362.0, 5344.0, 5508.0, 5278.0, 5581.0, 5416.0, 5562.0, 5341.0, 5515.0, 5535.0, 5601.0, 5701.0, 5629.0, 5408.0, 5618.0, 5302.0, 5379.0, 5283.0, 5467.0, 5523.0, 5573.0, 5659.0, 5570.0, 5409.0, 5536.0, 5384.0, 5459.0, 5585.0, 5620.0, 5394.0, 5330.0, 5360.0, 5650.0, 5434.0, 5322.0, 5695.0, 5321.0, 5377.0, 5516.0, 5481.0, 5420.0, 5599.0, 5272.0, 5634.0, 5378.0, 5627.0, 5421.0, 5331.0, 5285.0, 5608.0, 5465.0, 5514.0, 5616.0, 5682.0, 5307.0, 5415.0, 5668.0, 5595.0, 5640.0, 5663.0, 5306.0, 5388.0, 5350.0, 5357.0, 5652.0, 5293.0, 5548.0, 5604.0, 5367.0, 5375.0, 5485.0, 5574.0, 5477.0, 5646.0, 5264.0, 5657.0, 5631.0, 5261.0, 5349.0, 5698.0, 5715.0, 5577.0, 5550.0, 5691.0, 5686.0, 5572.0, 5339.0, 5554.0, 5471.0, 5298.0, 5271.0 (number of hits: 5)
7	5510.0	9	1.0	333	1	5282.0, 5258.0, 5703.0, 5407.0, 5590.0, 5532.0, 5281.0, 5562.0, 5294.0, 5618.0, 5467.0, 5352.0, 5628.0, 5560.0, 5514.0, 5684.0, 5653.0, 5423.0, 5642.0, 5486.0, 5402.0, 5717.0, 5394.0, 5255.0, 5678.0, 5573.0, 5527.0, 5315.0, 5651.0, 5286.0, 5327.0, 5504.0, 5529.0, 5304.0, 5655.0, 5623.0, 5708.0, 5723.0, 5580.0, 5387.0, 5719.0, 5644.0, 5430.0, 5328.0, 5579.0, 5385.0, 5478.0, 5464.0, 5409.0, 5353.0, 5288.0, 5453.0, 5598.0, 5295.0, 5259.0, 5677.0, 5265.0, 5646.0, 5535.0, 5344.0, 5596.0, 5503.0, 5433.0, 5502.0, 5455.0, 5257.0, 5268.0, 5581.0, 5482.0, 5564.0, 5381.0, 5364.0, 5404.0, 5500.0, 5622.0, 5291.0, 5459.0, 5577.0, 5601.0, 5609.0, 5536.0, 5261.0, 5570.0, 5431.0, 5462.0, 5711.0, 5358.0, 5664.0, 5683.0, 5426.0, 5692.0, 5370.0, 5626.0, 5278.0, 5540.0, 5443.0, 5416.0, 5488.0, 5640.0, 5340.0 (number of hits: 6)
8	5510.0	9	1.0	333	1	5354.0, 5601.0, 5561.0, 5363.0, 5497.0, 5700.0, 5438.0, 5264.0, 5458.0, 5346.0, 5553.0, 5568.0, 5558.0, 5489.0, 5577.0, 5556.0, 5415.0, 5401.0, 5616.0, 5599.0, 5262.0, 5307.0, 5600.0, 5344.0, 5529.0, 5462.0, 5258.0, 5290.0, 5545.0, 5469.0, 5654.0, 5631.0, 5554.0, 5602.0, 5544.0, 5328.0, 5430.0, 5648.0, 5571.0, 5429.0, 5608.0, 5507.0, 5278.0, 5522.0, 5617.0, 5667.0, 5657.0, 5279.0, 5313.0, 5271.0, 5662.0, 5640.0, 5511.0, 5466.0, 5672.0, 5506.0, 5671.0, 5380.0, 5702.0, 5367.0, 5515.0, 5294.0, 5668.0, 5334.0, 5586.0, 5385.0, 5260.0, 5349.0, 5305.0, 5651.0, 5656.0, 5393.0, 5339.0, 5597.0, 5494.0, 5696.0, 5436.0, 5311.0, 5459.0, 5440.0, 5364.0, 5433.0, 5298.0, 5453.0, 5528.0, 5615.0, 5488.0, 5391.0, 5620.0, 5309.0, 5614.0, 5319.0, 5419.0, 5476.0, 5357.0, 5360.0, 5663.0, 5689.0, 5578.0, 5692.0 (number of hits: 7)
9	5510.0	9	1.0	333	1	5553.0, 5376.0, 5711.0, 5453.0, 5516.0, 5562.0, 5544.0, 5707.0, 5596.0, 5327.0, 5263.0, 5504.0, 5624.0, 5438.0, 5409.0, 5394.0, 5488.0, 5272.0, 5360.0, 5706.0, 5275.0, 5350.0, 5672.0, 5258.0, 5657.0, 5637.0, 5447.0, 5621.0, 5318.0, 5650.0, 5540.0, 5528.0, 5442.0, 5255.0, 5301.0, 5408.0, 5287.0, 5487.0, 5461.0, 5403.0, 5548.0, 5495.0, 5422.0, 5622.0, 5714.0, 5628.0, 5513.0, 5607.0, 5441.0, 5259.0, 5386.0, 5618.0, 5310.0, 5617.0, 5704.0, 5588.0, 5715.0, 5482.0, 5462.0, 5593.0, 5457.0, 5665.0, 5303.0, 5336.0, 5614.0, 5292.0, 5676.0, 5662.0, 5439.0, 5699.0, 5608.0, 5375.0, 5678.0, 5464.0, 5395.0, 5547.0, 5434.0, 5592.0, 5400.0, 5612.0, 5341.0, 5353.0, 5660.0, 5522.0, 5506.0, 5654.0, 5281.0, 5465.0, 5270.0, 5339.0, 5519.0, 5655.0, 5402.0, 5387.0, 5433.0, 5526.0,

						5559.0, 5455.0, 5674.0, 5641.0 (number of hits: 8 )
10	5510.0	9	1.0	333	1	5463.0, 5553.0, 5585.0, 5638.0, 5671.0, 5433.0, 5452.0, 5631.0, 5276.0, 5447.0, 5538.0, 5573.0, 5327.0, 5252.0, 5657.0, 5425.0, 5481.0, 5517.0, 5467.0, 5388.0, 5332.0, 5484.0, 5519.0, 5574.0, 5303.0, 5291.0, 5365.0, 5542.0, 5376.0, 5564.0, 5379.0, 5664.0, 5313.0, 5294.0, 5679.0, 5720.0, 5285.0, 5308.0, 5405.0, 5466.0, 5722.0, 5693.0, 5641.0, 5563.0, 5480.0, 5363.0, 5640.0, 5432.0, 5479.0, 5420.0, 5661.0, 5532.0, 5630.0, 5469.0, 5636.0, 5253.0, 5626.0, 5545.0, 5637.0, 5339.0, 5418.0, 5702.0, 5549.0, 5715.0, 5565.0, 5274.0, 5390.0, 5622.0, 5415.0, 5499.0, 5269.0, 5310.0, 5665.0, 5605.0, 5436.0, 5642.0, 5389.0, 5489.0, 5695.0, 5654.0, 5535.0, 5416.0, 5314.0, 5546.0, 5295.0, 5453.0, 5273.0, 5368.0, 5464.0, 5460.0, 5650.0, 5673.0, 5635.0, 5263.0, 5315.0, 5284.0, 5558.0, 5414.0, 5723.0, 5437.0 (number of hits: 3 )
11	5510.0	9	1.0	333	1	5324.0, 5646.0, 5584.0, 5445.0, 5701.0, 5489.0, 5631.0, 5382.0, 5280.0, 5391.0, 5304.0, 5642.0, 5522.0, 5648.0, 5544.0, 5480.0, 5530.0, 5273.0, 5560.0, 5704.0, 5348.0, 5360.0, 5250.0, 5664.0, 5264.0, 5571.0, 5635.0, 5321.0, 5394.0, 5453.0, 5691.0, 5404.0, 5485.0, 5659.0, 5586.0, 5556.0, 5550.0, 5595.0, 5467.0, 5624.0, 5524.0, 5598.0, 5655.0, 5496.0, 5384.0, 5625.0, 5436.0, 5305.0, 5501.0, 5441.0, 5271.0, 5333.0, 5679.0, 5706.0, 5318.0, 5668.0, 5396.0, 5378.0, 5474.0, 5534.0, 5434.0, 5594.0, 5579.0, 5470.0, 5681.0, 5583.0, 5309.0, 5408.0, 5256.0, 5316.0, 5569.0, 5529.0, 5390.0, 5630.0, 5525.0, 5658.0, 5612.0, 5559.0, 5488.0, 5561.0, 5415.0, 5653.0, 5311.0, 5566.0, 5447.0, 5553.0, 5610.0, 5685.0, 5413.0, 5513.0, 5278.0, 5517.0, 5475.0, 5457.0, 5463.0, 5665.0, 5647.0, 5350.0, 5287.0, 5693.0 (number of hits: 7 )
12	5510.0	9	1.0	333	1	5427.0, 5591.0, 5407.0, 5478.0, 5340.0, 5675.0, 5530.0, 5692.0, 5251.0, 5401.0, 5652.0, 5415.0, 5311.0, 5253.0, 5268.0, 5637.0, 5713.0, 5679.0, 5537.0, 5495.0, 5484.0, 5604.0, 5689.0, 5440.0, 5296.0, 5455.0, 5544.0, 5337.0, 5432.0, 5650.0, 5477.0, 5297.0, 5510.0, 5447.0, 5272.0, 5295.0, 5686.0, 5369.0, 5631.0, 5517.0, 5511.0, 5643.0, 5305.0, 5482.0, 5362.0, 5624.0, 5391.0, 5541.0, 5257.0, 5423.0, 5306.0, 5569.0, 5275.0, 5528.0, 5445.0, 5558.0, 5557.0, 5480.0, 5540.0, 5283.0, 5444.0, 5635.0, 5403.0, 5532.0, 5547.0, 5413.0, 5314.0, 5654.0, 5497.0, 5607.0, 5396.0, 5561.0, 5355.0, 5475.0, 5720.0, 5721.0, 5671.0, 5281.0, 5452.0, 5582.0, 5638.0, 5358.0, 5294.0, 5494.0, 5579.0, 5420.0, 5262.0, 5443.0, 5573.0, 5621.0, 5697.0, 5501.0, 5263.0, 5633.0, 5388.0, 5548.0, 5559.0, 5583.0, 5500.0, 5429.0 (number of hits: 8 )
13	5510.0	9	1.0	333	1	5547.0, 5555.0, 5564.0, 5599.0, 5470.0, 5498.0, 5263.0, 5603.0, 5568.0, 5647.0, 5582.0, 5482.0, 5434.0, 5620.0, 5465.0, 5505.0, 5304.0, 5269.0, 5500.0, 5414.0, 5332.0, 5549.0, 5395.0, 5443.0, 5597.0, 5677.0, 5363.0, 5566.0, 5429.0, 5303.0, 5411.0, 5643.0, 5511.0, 5515.0, 5337.0, 5487.0, 5536.0, 5278.0, 5369.0, 5370.0, 5360.0, 5353.0, 5446.0, 5537.0, 5655.0, 5416.0, 5665.0, 5344.0, 5492.0, 5480.0, 5523.0, 5366.0, 5290.0, 5426.0, 5342.0, 5387.0, 5636.0, 5563.0, 5530.0, 5560.0, 5402.0, 5338.0, 5619.0, 5673.0, 5516.0, 5406.0, 5318.0, 5309.0, 5410.0, 5615.0, 5642.0, 5299.0, 5718.0, 5626.0, 5664.0, 5670.0, 5578.0, 5562.0, 5314.0, 5720.0, 5377.0, 5330.0, 5528.0, 5601.0, 5260.0, 5691.0, 5570.0, 5596.0, 5423.0, 5527.0, 5569.0, 5723.0, 5682.0, 5404.0, 5407.0, 5431.0, 5255.0, 5430.0, 5652.0, 5529.0 (number of hits: 9 )
14	5510.0	9	1.0	333	1	5681.0, 5403.0, 5393.0, 5465.0, 5653.0, 5510.0, 5348.0, 5552.0, 5568.0, 5615.0, 5364.0, 5596.0, 5550.0, 5409.0, 5491.0, 5362.0, 5702.0, 5523.0, 5426.0, 5685.0, 5700.0, 5360.0, 5638.0, 5718.0, 5714.0, 5467.0, 5562.0, 5548.0, 5358.0, 5329.0, 5300.0, 5320.0, 5293.0, 5553.0, 5662.0, 5466.0, 5710.0, 5602.0, 5370.0, 5444.0, 5318.0, 5371.0, 5516.0, 5506.0, 5335.0, 5707.0, 5595.0, 5448.0, 5250.0, 5429.0, 5534.0, 5399.0, 5538.0, 5286.0, 5593.0, 5476.0, 5518.0, 5275.0, 5684.0, 5367.0, 5368.0, 5503.0, 5669.0, 5309.0,

						5384.0, 5588.0, 5687.0, 5280.0, 5635.0, 5274.0, 5383.0, 5709.0, 5301.0, 5299.0, 5346.0, 5425.0, 5690.0, 5342.0, 5487.0, 5345.0, 5272.0, 5673.0, 5591.0, 5606.0, 5459.0, 5493.0, 5541.0, 5589.0, 5450.0, 5547.0, 5340.0, 5269.0, 5332.0, 5665.0, 5724.0, 5719.0, 5695.0, 5612.0, 5643.0, 5427.0 (number of hits: 7 )
15	5510.0	9	1.0	333	1	5391.0, 5546.0, 5272.0, 5718.0, 5463.0, 5477.0, 5293.0, 5708.0, 5481.0, 5551.0, 5269.0, 5404.0, 5310.0, 5468.0, 5398.0, 5570.0, 5383.0, 5689.0, 5704.0, 5623.0, 5316.0, 5709.0, 5723.0, 5461.0, 5252.0, 5344.0, 5607.0, 5395.0, 5273.0, 5439.0, 5515.0, 5558.0, 5688.0, 5487.0, 5275.0, 5505.0, 5715.0, 5476.0, 5647.0, 5577.0, 5365.0, 5627.0, 5263.0, 5363.0, 5407.0, 5321.0, 5712.0, 5371.0, 5268.0, 5653.0, 5285.0, 5423.0, 5659.0, 5474.0, 5291.0, 5327.0, 5426.0, 5557.0, 5534.0, 5592.0, 5579.0, 5510.0, 5630.0, 5445.0, 5651.0, 5669.0, 5488.0, 5535.0, 5519.0, 5440.0, 5541.0, 5329.0, 5480.0, 5698.0, 5307.0, 5409.0, 5555.0, 5454.0, 5527.0, 5665.0, 5455.0, 5589.0, 5419.0, 5279.0, 5276.0, 5394.0, 5526.0, 5368.0, 5433.0, 5531.0, 5587.0, 5637.0, 5508.0, 5615.0, 5436.0, 5255.0, 5289.0, 5387.0, 5603.0, 5478.0 (number of hits: 7 )
16	5510.0	9	1.0	333	1	5715.0, 5674.0, 5707.0, 5359.0, 5564.0, 5601.0, 5573.0, 5312.0, 5492.0, 5416.0, 5306.0, 5435.0, 5342.0, 5704.0, 5679.0, 5358.0, 5641.0, 5487.0, 5518.0, 5651.0, 5273.0, 5399.0, 5363.0, 5411.0, 5314.0, 5666.0, 5527.0, 5590.0, 5427.0, 5394.0, 5272.0, 5624.0, 5657.0, 5291.0, 5443.0, 5453.0, 5520.0, 5400.0, 5290.0, 5253.0, 5718.0, 5511.0, 5336.0, 5257.0, 5562.0, 5304.0, 5697.0, 5454.0, 5319.0, 5438.0, 5381.0, 5626.0, 5633.0, 5386.0, 5561.0, 5620.0, 5544.0, 5444.0, 5555.0, 5396.0, 5517.0, 5420.0, 5595.0, 5612.0, 5698.0, 5302.0, 5458.0, 5495.0, 5576.0, 5547.0, 5575.0, 5502.0, 5678.0, 5295.0, 5638.0, 5493.0, 5403.0, 5423.0, 5588.0, 5611.0, 5479.0, 5500.0, 5450.0, 5553.0, 5357.0, 5603.0, 5471.0, 5570.0, 5659.0, 5372.0, 5689.0, 5349.0, 5334.0, 5496.0, 5254.0, 5667.0, 5422.0, 5309.0, 5604.0, 5395.0 (number of hits: 11 )
17	5510.0	9	1.0	333	1	5399.0, 5278.0, 5434.0, 5620.0, 5545.0, 5536.0, 5686.0, 5437.0, 5441.0, 5296.0, 5302.0, 5662.0, 5634.0, 5708.0, 5523.0, 5308.0, 5707.0, 5292.0, 5518.0, 5618.0, 5459.0, 5396.0, 5342.0, 5511.0, 5590.0, 5477.0, 5674.0, 5505.0, 5684.0, 5440.0, 5328.0, 5567.0, 5294.0, 5343.0, 5551.0, 5464.0, 5376.0, 5528.0, 5326.0, 5460.0, 5273.0, 5387.0, 5507.0, 5550.0, 5487.0, 5290.0, 5281.0, 5722.0, 5282.0, 5454.0, 5309.0, 5344.0, 5462.0, 5608.0, 5605.0, 5385.0, 5566.0, 5537.0, 5360.0, 5609.0, 5697.0, 5580.0, 5293.0, 5447.0, 5448.0, 5351.0, 5540.0, 5368.0, 5626.0, 5631.0, 5559.0, 5664.0, 5403.0, 5522.0, 5252.0, 5521.0, 5632.0, 5384.0, 5371.0, 5577.0, 5563.0, 5414.0, 5444.0, 5610.0, 5587.0, 5557.0, 5470.0, 5515.0, 5602.0, 5614.0, 5306.0, 5524.0, 5541.0, 5366.0, 5546.0, 5456.0, 5335.0, 5652.0, 5509.0, 5300.0 (number of hits: 10 )
18	5510.0	9	1.0	333	1	5330.0, 5649.0, 5419.0, 5449.0, 5583.0, 5341.0, 5281.0, 5288.0, 5310.0, 5378.0, 5277.0, 5487.0, 5620.0, 5650.0, 5338.0, 5664.0, 5577.0, 5663.0, 5478.0, 5481.0, 5714.0, 5275.0, 5586.0, 5379.0, 5266.0, 5600.0, 5562.0, 5318.0, 5542.0, 5405.0, 5626.0, 5625.0, 5398.0, 5489.0, 5424.0, 5693.0, 5688.0, 5608.0, 5635.0, 5446.0, 5513.0, 5590.0, 5713.0, 5537.0, 5291.0, 5486.0, 5273.0, 5250.0, 5643.0, 5464.0, 5422.0, 5344.0, 5633.0, 5602.0, 5697.0, 5325.0, 5572.0, 5721.0, 5369.0, 5258.0, 5483.0, 5653.0, 5443.0, 5265.0, 5674.0, 5529.0, 5438.0, 5639.0, 5675.0, 5421.0, 5352.0, 5400.0, 5690.0, 5283.0, 5391.0, 5466.0, 5584.0, 5440.0, 5497.0, 5255.0, 5576.0, 5504.0, 5298.0, 5326.0, 5703.0, 5308.0, 5580.0, 5564.0, 5636.0, 5274.0, 5670.0, 5427.0, 5321.0, 5468.0, 5368.0, 5477.0, 5689.0, 5582.0, 5428.0, 5417.0 (number of hits: 3 )
19	5510.0	9	1.0	333	1	5656.0, 5442.0, 5718.0, 5552.0, 5708.0, 5567.0, 5445.0, 5710.0, 5599.0, 5691.0, 5432.0, 5315.0, 5370.0, 5455.0, 5565.0, 5607.0, 5375.0, 5626.0, 5391.0, 5609.0, 5658.0, 5611.0, 5420.0, 5345.0, 5434.0, 5535.0, 5294.0, 5384.0, 5713.0, 5615.0, 5340.0, 5313.0,

						5288.0, 5422.0, 5660.0, 5333.0, 5331.0, 5321.0, 5715.0, 5495.0, 5358.0, 5371.0, 5634.0, 5716.0, 5688.0, 5484.0, 5557.0, 5365.0, 5693.0, 5405.0, 5311.0, 5323.0, 5436.0, 5419.0, 5523.0, 5684.0, 5670.0, 5286.0, 5721.0, 5548.0, 5377.0, 5401.0, 5566.0, 5580.0, 5496.0, 5382.0, 5380.0, 5435.0, 5540.0, 5489.0, 5603.0, 5287.0, 5645.0, 5669.0, 5301.0, 5665.0, 5446.0, 5257.0, 5636.0, 5610.0, 5256.0, 5686.0, 5300.0, 5490.0, 5579.0, 5253.0, 5485.0, 5430.0, 5470.0, 5689.0, 5346.0, 5618.0, 5568.0, 5525.0, 5378.0, 5703.0, 5438.0, 5624.0, 5559.0, 5463.0 (number of hits: 4 )
20	5510.0	9	1.0	333	1	5551.0, 5577.0, 5712.0, 5585.0, 5544.0, 5609.0, 5459.0, 5253.0, 5633.0, 5531.0, 5488.0, 5398.0, 5573.0, 5693.0, 5526.0, 5651.0, 5497.0, 5527.0, 5579.0, 5513.0, 5684.0, 5630.0, 5437.0, 5586.0, 5420.0, 5440.0, 5376.0, 5461.0, 5255.0, 5572.0, 5701.0, 5270.0, 5607.0, 5363.0, 5554.0, 5473.0, 5300.0, 5328.0, 5533.0, 5505.0, 5422.0, 5658.0, 5254.0, 5659.0, 5600.0, 5330.0, 5282.0, 5677.0, 5575.0, 5409.0, 5344.0, 5265.0, 5700.0, 5678.0, 5720.0, 5421.0, 5520.0, 5276.0, 5301.0, 5408.0, 5592.0, 5675.0, 5436.0, 5608.0, 5271.0, 5541.0, 5320.0, 5288.0, 5705.0, 5721.0, 5713.0, 5439.0, 5657.0, 5555.0, 5349.0, 5556.0, 5292.0, 5587.0, 5444.0, 5302.0, 5484.0, 5273.0, 5596.0, 5263.0, 5370.0, 5590.0, 5360.0, 5333.0, 5631.0, 5280.0, 5387.0, 5316.0, 5496.0, 5426.0, 5335.0, 5680.0, 5625.0, 5567.0, 5417.0, 5362.0 (number of hits: 7 )
21	5510.0	9	1.0	333	1	5631.0, 5334.0, 5554.0, 5669.0, 5702.0, 5542.0, 5703.0, 5389.0, 5720.0, 5413.0, 5455.0, 5649.0, 5341.0, 5432.0, 5600.0, 5620.0, 5511.0, 5271.0, 5499.0, 5662.0, 5426.0, 5589.0, 5325.0, 5352.0, 5482.0, 5661.0, 5496.0, 5297.0, 5468.0, 5603.0, 5572.0, 5382.0, 5671.0, 5321.0, 5529.0, 5663.0, 5660.0, 5312.0, 5251.0, 5522.0, 5349.0, 5568.0, 5280.0, 5571.0, 5675.0, 5614.0, 5379.0, 5457.0, 5535.0, 5711.0, 5394.0, 5717.0, 5384.0, 5690.0, 5449.0, 5722.0, 5418.0, 5677.0, 5420.0, 5586.0, 5484.0, 5408.0, 5371.0, 5559.0, 5514.0, 5406.0, 5414.0, 5295.0, 5409.0, 5647.0, 5458.0, 5412.0, 5553.0, 5689.0, 5460.0, 5507.0, 5276.0, 5436.0, 5547.0, 5257.0, 5577.0, 5536.0, 5419.0, 5544.0, 5706.0, 5563.0, 5497.0, 5628.0, 5697.0, 5429.0, 5684.0, 5464.0, 5304.0, 5520.0, 5644.0, 5695.0, 5357.0, 5366.0, 5691.0, 5339.0 (number of hits: 8 )
22	5510.0	9	1.0	333	1	5635.0, 5515.0, 5365.0, 5260.0, 5657.0, 5480.0, 5670.0, 5490.0, 5363.0, 5626.0, 5463.0, 5485.0, 5516.0, 5389.0, 5545.0, 5487.0, 5282.0, 5310.0, 5571.0, 5264.0, 5334.0, 5640.0, 5569.0, 5512.0, 5359.0, 5318.0, 5458.0, 5493.0, 5325.0, 5597.0, 5664.0, 5273.0, 5492.0, 5256.0, 5576.0, 5536.0, 5358.0, 5532.0, 5303.0, 5425.0, 5396.0, 5445.0, 5312.0, 5675.0, 5348.0, 5525.0, 5674.0, 5317.0, 5296.0, 5546.0, 5394.0, 5577.0, 5288.0, 5579.0, 5362.0, 5621.0, 5560.0, 5379.0, 5468.0, 5603.0, 5580.0, 5655.0, 5653.0, 5355.0, 5595.0, 5634.0, 5680.0, 5687.0, 5341.0, 5543.0, 5287.0, 5517.0, 5376.0, 5374.0, 5462.0, 5612.0, 5556.0, 5671.0, 5498.0, 5439.0, 5411.0, 5692.0, 5665.0, 5718.0, 5360.0, 5587.0, 5645.0, 5697.0, 5261.0, 5593.0, 5648.0, 5574.0, 5488.0, 5453.0, 5421.0, 5422.0, 5565.0, 5417.0, 5251.0, 5470.0 (number of hits: 8 )
23	5510.0	9	1.0	333	1	5411.0, 5536.0, 5546.0, 5298.0, 5537.0, 5319.0, 5486.0, 5467.0, 5717.0, 5525.0, 5694.0, 5529.0, 5384.0, 5271.0, 5371.0, 5352.0, 5456.0, 5708.0, 5631.0, 5262.0, 5713.0, 5369.0, 5460.0, 5434.0, 5611.0, 5274.0, 5279.0, 5690.0, 5507.0, 5556.0, 5647.0, 5600.0, 5253.0, 5416.0, 5395.0, 5574.0, 5608.0, 5517.0, 5597.0, 5372.0, 5259.0, 5617.0, 5328.0, 5592.0, 5320.0, 5378.0, 5628.0, 5266.0, 5615.0, 5356.0, 5396.0, 5566.0, 5361.0, 5674.0, 5436.0, 5665.0, 5555.0, 5680.0, 5316.0, 5716.0, 5335.0, 5300.0, 5705.0, 5543.0, 5636.0, 5418.0, 5671.0, 5413.0, 5721.0, 5656.0, 5703.0, 5394.0, 5338.0, 5424.0, 5614.0, 5435.0, 5545.0, 5624.0, 5329.0, 5344.0, 5380.0, 5432.0, 5401.0, 5720.0, 5292.0, 5531.0, 5421.0, 5548.0, 5503.0, 5542.0, 5629.0, 5479.0, 5609.0, 5702.0, 5480.0, 5475.0, 5658.0, 5523.0, 5454.0, 5718.0 (number of hits: 5 )

24	5510.0	9	1.0	333	1	5576.0, 5721.0, 5507.0, 5650.0, 5411.0, 5602.0, 5432.0, 5429.0, 5670.0, 5361.0, 5568.0, 5495.0, 5403.0, 5555.0, 5685.0, 5471.0, 5675.0, 5304.0, 5290.0, 5348.0, 5563.0, 5706.0, 5681.0, 5592.0, 5466.0, 5271.0, 5253.0, 5295.0, 5359.0, 5503.0, 5682.0, 5330.0, 5445.0, 5379.0, 5420.0, 5268.0, 5508.0, 5360.0, 5611.0, 5666.0, 5582.0, 5461.0, 5528.0, 5315.0, 5566.0, 5572.0, 5629.0, 5521.0, 5307.0, 5367.0, 5702.0, 5399.0, 5553.0, 5262.0, 5331.0, 5581.0, 5410.0, 5549.0, 5593.0, 5637.0, 5484.0, 5405.0, 5537.0, 5475.0, 5401.0, 5402.0, 5301.0, 5327.0, 5319.0, 5603.0, 5667.0, 5406.0, 5358.0, 5424.0, 5557.0, 5298.0, 5427.0, 5639.0, 5483.0, 5362.0, 5377.0, 5512.0, 5547.0, 5480.0, 5594.0, 5374.0, 5317.0, 5462.0, 5469.0, 5381.0, 5477.0, 5439.0, 5587.0, 5562.0, 5266.0, 5523.0, 5659.0, 5255.0, 5352.0, 5422.0 (number of hits: 7)
25	5510.0	9	1.0	333	1	5522.0, 5442.0, 5272.0, 5572.0, 5425.0, 5433.0, 5576.0, 5708.0, 5438.0, 5328.0, 5450.0, 5631.0, 5375.0, 5556.0, 5547.0, 5422.0, 5354.0, 5437.0, 5706.0, 5266.0, 5551.0, 5440.0, 5575.0, 5679.0, 5394.0, 5453.0, 5639.0, 5265.0, 5308.0, 5302.0, 5352.0, 5587.0, 5669.0, 5296.0, 5586.0, 5700.0, 5350.0, 5638.0, 5703.0, 5257.0, 5509.0, 5365.0, 5360.0, 5441.0, 5489.0, 5720.0, 5492.0, 5364.0, 5483.0, 5293.0, 5343.0, 5533.0, 5447.0, 5516.0, 5718.0, 5702.0, 5418.0, 5691.0, 5331.0, 5408.0, 5543.0, 5416.0, 5688.0, 5396.0, 5544.0, 5521.0, 5482.0, 5481.0, 5311.0, 5305.0, 5411.0, 5616.0, 5381.0, 5487.0, 5696.0, 5361.0, 5719.0, 5314.0, 5327.0, 5348.0, 5281.0, 5390.0, 5637.0, 5317.0, 5612.0, 5651.0, 5667.0, 5549.0, 5406.0, 5642.0, 5662.0, 5477.0, 5430.0, 5569.0, 5701.0, 5621.0, 5377.0, 5380.0, 5323.0, 5674.0 (number of hits: 5)
26	5510.0	9	1.0	333	1	5533.0, 5529.0, 5306.0, 5580.0, 5575.0, 5670.0, 5646.0, 5398.0, 5573.0, 5363.0, 5589.0, 5358.0, 5568.0, 5357.0, 5360.0, 5361.0, 5400.0, 5266.0, 5345.0, 5667.0, 5428.0, 5438.0, 5714.0, 5570.0, 5715.0, 5567.0, 5432.0, 5681.0, 5631.0, 5678.0, 5503.0, 5588.0, 5291.0, 5586.0, 5429.0, 5662.0, 5557.0, 5475.0, 5356.0, 5439.0, 5642.0, 5635.0, 5491.0, 5416.0, 5532.0, 5611.0, 5273.0, 5559.0, 5680.0, 5411.0, 5326.0, 5566.0, 5396.0, 5323.0, 5492.0, 5507.0, 5340.0, 5287.0, 5585.0, 5413.0, 5617.0, 5419.0, 5397.0, 5640.0, 5602.0, 5285.0, 5701.0, 5312.0, 5691.0, 5457.0, 5664.0, 5353.0, 5299.0, 5437.0, 5548.0, 5294.0, 5653.0, 5393.0, 5467.0, 5524.0, 5369.0, 5430.0, 5261.0, 5344.0, 5722.0, 5386.0, 5634.0, 5536.0, 5455.0, 5612.0, 5402.0, 5601.0, 5281.0, 5581.0, 5308.0, 5480.0, 5389.0, 5688.0, 5560.0, 5253.0 (number of hits: 4)
27	5510.0	9	1.0	333	1	5407.0, 5259.0, 5565.0, 5714.0, 5251.0, 5401.0, 5336.0, 5408.0, 5470.0, 5324.0, 5387.0, 5542.0, 5536.0, 5622.0, 5660.0, 5262.0, 5502.0, 5426.0, 5307.0, 5630.0, 5267.0, 5695.0, 5436.0, 5357.0, 5300.0, 5396.0, 5344.0, 5306.0, 5404.0, 5539.0, 5554.0, 5447.0, 5365.0, 5617.0, 5697.0, 5304.0, 5314.0, 5298.0, 5624.0, 5659.0, 5341.0, 5713.0, 5513.0, 5266.0, 5491.0, 5406.0, 5494.0, 5558.0, 5674.0, 5395.0, 5333.0, 5679.0, 5489.0, 5402.0, 5479.0, 5484.0, 5386.0, 5664.0, 5371.0, 5286.0, 5473.0, 5582.0, 5514.0, 5560.0, 5703.0, 5629.0, 5478.0, 5411.0, 5522.0, 5627.0, 5636.0, 5583.0, 5511.0, 5639.0, 5606.0, 5698.0, 5481.0, 5657.0, 5302.0, 5490.0, 5709.0, 5381.0, 5315.0, 5312.0, 5445.0, 5619.0, 5269.0, 5327.0, 5459.0, 5497.0, 5612.0, 5618.0, 5317.0, 5555.0, 5724.0, 5295.0, 5694.0, 5496.0, 5716.0, 5264.0 (number of hits: 8)
28	5510.0	9	1.0	333	1	5410.0, 5377.0, 5582.0, 5467.0, 5299.0, 5550.0, 5420.0, 5525.0, 5434.0, 5579.0, 5251.0, 5305.0, 5311.0, 5484.0, 5474.0, 5268.0, 5656.0, 5708.0, 5306.0, 5529.0, 5432.0, 5532.0, 5395.0, 5459.0, 5409.0, 5615.0, 5478.0, 5574.0, 5688.0, 5387.0, 5674.0, 5511.0, 5258.0, 5339.0, 5546.0, 5488.0, 5486.0, 5262.0, 5545.0, 5270.0, 5571.0, 5527.0, 5499.0, 5623.0, 5692.0, 5602.0, 5314.0, 5370.0, 5629.0, 5575.0, 5654.0, 5280.0, 5715.0, 5439.0, 5601.0, 5655.0, 5668.0, 5502.0, 5508.0, 5473.0, 5690.0, 5372.0, 5698.0, 5350.0, 5317.0, 5549.0, 5466.0, 5711.0, 5558.0, 5535.0, 5429.0, 5479.0,

						5604.0, 5337.0, 5650.0, 5680.0, 5363.0, 5424.0, 5427.0, 5437.0, 5598.0, 5513.0, 5622.0, 5386.0, 5389.0, 5540.0, 5275.0, 5320.0, 5382.0, 5587.0, 5665.0, 5366.0, 5627.0, 5404.0, 5265.0, 5331.0, 5517.0, 5349.0, 5287.0, 5634.0 (number of hits: 8 )
29	5510.0	9	1.0	333	1	5288.0, 5373.0, 5452.0, 5329.0, 5483.0, 5401.0, 5399.0, 5445.0, 5512.0, 5506.0, 5584.0, 5665.0, 5290.0, 5605.0, 5411.0, 5692.0, 5537.0, 5426.0, 5612.0, 5375.0, 5709.0, 5606.0, 5474.0, 5619.0, 5307.0, 5654.0, 5336.0, 5409.0, 5462.0, 5419.0, 5637.0, 5420.0, 5596.0, 5641.0, 5707.0, 5470.0, 5313.0, 5593.0, 5436.0, 5311.0, 5374.0, 5397.0, 5422.0, 5615.0, 5320.0, 5642.0, 5455.0, 5614.0, 5431.0, 5481.0, 5719.0, 5625.0, 5424.0, 5521.0, 5718.0, 5344.0, 5697.0, 5717.0, 5354.0, 5496.0, 5525.0, 5305.0, 5711.0, 5381.0, 5346.0, 5350.0, 5476.0, 5327.0, 5510.0, 5570.0, 5301.0, 5581.0, 5527.0, 5571.0, 5534.0, 5379.0, 5695.0, 5618.0, 5650.0, 5261.0, 5326.0, 5710.0, 5678.0, 5706.0, 5338.0, 5294.0, 5309.0, 5673.0, 5390.0, 5522.0, 5557.0, 5716.0, 5308.0, 5721.0, 5574.0, 5486.0, 5687.0, 5646.0, 5603.0, 5702.0 (number of hits: 8 )
30	5510.0	9	1.0	333	1	5438.0, 5351.0, 5375.0, 5619.0, 5723.0, 5570.0, 5271.0, 5319.0, 5335.0, 5596.0, 5445.0, 5384.0, 5482.0, 5592.0, 5589.0, 5305.0, 5504.0, 5463.0, 5717.0, 5290.0, 5568.0, 5612.0, 5707.0, 5609.0, 5429.0, 5395.0, 5623.0, 5586.0, 5510.0, 5654.0, 5285.0, 5643.0, 5628.0, 5470.0, 5273.0, 5591.0, 5495.0, 5296.0, 5380.0, 5478.0, 5550.0, 5462.0, 5677.0, 5505.0, 5542.0, 5309.0, 5515.0, 5557.0, 5392.0, 5533.0, 5678.0, 5682.0, 5679.0, 5330.0, 5670.0, 5454.0, 5306.0, 5358.0, 5685.0, 5649.0, 5604.0, 5493.0, 5506.0, 5313.0, 5680.0, 5699.0, 5558.0, 5566.0, 5655.0, 5644.0, 5301.0, 5694.0, 5302.0, 5471.0, 5718.0, 5720.0, 5287.0, 5527.0, 5545.0, 5466.0, 5286.0, 5517.0, 5399.0, 5414.0, 5674.0, 5624.0, 5449.0, 5424.0, 5667.0, 5485.0, 5518.0, 5430.0, 5354.0, 5601.0, 5540.0, 5698.0, 5348.0, 5585.0, 5372.0, 5553.0 (number of hits: 10 )

**P2P Mode  
Pine Radio****5530 MHz, 80 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	90 %	60%	Pass
<b>Type 2</b>	30	83.3 %	60%	Pass
<b>Type 3</b>	30	90 %	60%	Pass
<b>Type 4</b>	30	80 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	85.8 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass



**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	99	1.0	538	1
2	63	1.0	838	1
3	62	1.0	858	1
4	65	1.0	818	0
5	67	1.0	798	1
6	58	1.0	918	1
7	61	1.0	878	1
8	89	1.0	598	1
9	95	1.0	558	1
10	92	1.0	578	1
11	57	1.0	938	1
12	72	1.0	738	1
13	83	1.0	638	1
14	70	1.0	758	1
15	86	1.0	618	1
16	58	1.0	910	1
17	31	1.0	1745	1
18	47	1.0	1138	1
19	18	1.0	2977	1
20	25	1.0	2177	1
21	52	1.0	1031	1
22	69	1.0	767	1
23	43	1.0	1228	1
24	20	1.0	2708	1
25	50	1.0	1066	1
26	54	1.0	983	1
27	33	1.0	1649	0
28	21	1.0	2601	1
29	85	1.0	621	0
30	46	1.0	1166	1
<b>Detection Percentage: 90 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	23	4.1	196	1
2	28	1.6	201	1
3	24	4.6	190	1
4	25	1.0	195	0
5	28	4.0	184	1
6	27	4.5	222	0
7	29	3.7	166	1
8	25	3.2	178	1
9	27	3.9	172	1
10	28	1.5	230	1
11	28	4.3	203	1
12	26	1.8	170	1
13	23	3.1	170	1
14	25	1.4	193	1
15	23	3.8	171	1
16	25	2.8	215	1
17	29	1.7	216	1
18	28	1.9	202	1
19	29	3.1	225	1
20	24	4.3	183	0
21	27	4.2	210	1
22	23	2.1	182	0
23	28	4.9	199	1
24	23	1.6	152	1
25	23	4.1	155	1
26	27	3.7	157	1
27	24	3.3	172	1
28	27	3.9	178	1
29	23	3.6	171	1
30	28	1.7	155	0
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	17	8.1	256	1
2	16	7.0	251	1
3	18	7.6	225	1
4	16	6.7	225	1
5	17	6.2	499	1
6	18	8.4	322	1
7	16	8.6	240	1
8	18	7.7	402	1
9	16	6.3	475	1
10	17	8.6	229	1
11	17	6.4	211	0
12	16	6.8	439	1
13	17	9.7	370	1
14	17	8.3	214	1
15	17	9.3	434	1
16	16	6.0	436	1
17	17	9.4	465	1
18	18	8.9	242	1
19	18	7.0	247	1
20	16	9.4	401	1
21	16	7.3	239	1
22	16	9.5	215	1
23	18	9.6	234	0
24	17	7.2	482	1
25	16	8.1	266	1
26	18	9.9	388	1
27	18	7.8	270	1
28	18	8.7	275	0
29	17	7.1	500	1
30	16	6.2	470	1
<b>Detection Percentage: 90 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	12	15.5	382	1
2	13	11.0	203	0
3	12	19.7	207	1
4	12	13.6	248	1
5	12	15.7	230	1
6	12	15.4	479	1
7	15	18.8	476	1
8	12	11.0	412	1
9	14	19.9	223	1
10	15	12.8	419	1
11	14	16.4	306	0
12	14	19.8	335	1
13	15	19.9	241	1
14	13	15.3	452	1
15	16	12.7	395	1
16	14	17.2	319	1
17	12	15.3	489	1
18	15	19.1	378	0
19	13	20.0	493	1
20	12	17.0	461	1
21	14	16.8	270	1
22	15	18.6	257	1
23	15	12.2	490	1
24	16	16.0	246	0
25	12	14.6	493	0
26	14	11.6	411	1
27	14	18.3	313	1
28	14	14.4	429	0
29	16	17.7	217	1
30	13	11.3	204	1
<b>Detection Percentage: 80 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	1
2	5530	1
3	5530	1
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	1
11	5499.5	1
12	5495.9	1
13	5495.1	1
14	5495.5	1
15	5494.3	1
16	5495.1	1
17	5495.9	1
18	5497.5	1
19	5496.7	1
20	5495.9	1
21	5566.1	1
22	5561.3	1
23	5561.3	1
24	5562.5	1
25	5562.9	1
26	5564.9	1
27	5565.3	1
28	5563.7	1
29	5560.5	1
30	5562.5	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	71.9	1940	1421	0.648179	1
1	1	10	99.5			1.949001	
2	1	10	84.6			2.540533	
3	2	10	88.5	1086		4.633922	
4	1	10	87.6			5.763683	
5	1	10	70.3			6.874397	
6	2	10	56.3	1008		7.307057	
7	3	10	51.4	1131	1186	8.578762	
8	2	10	79.6	1448		10.540951	
9	2	10	82.5	1878		11.662703	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	91.8	1383		0.396870	1
1	1	8	55.3			1.094517	
2	2	8	95.2	1644		2.026365	
3	3	8	67.7	1693	1670	2.430421	
4	3	8	76.0	1862	1227	3.445315	
5	3	8	82.6	1636	1965	3.598119	
6	3	8	69.8	1728	1355	4.408971	
7	1	8	51.1			5.192531	
8	3	8	90.4	1783	1969	6.208058	
9	3	8	94.4	1839	1313	6.804808	
10	2	8	63.1	1997		7.716345	
11	2	8	56.0	1097		8.431535	
12	1	8	93.5			8.766329	
13	3	8	98.8	1370	1027	9.270674	
14	2	8	67.1	1809		10.168932	
15	1	8	99.2			11.190169	
16	2	8	55.6	1457		11.830872	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	55.5			0.316267	1
1	3	11	80.9	1020	1705	1.491486	
2	2	11	83.8	1687		3.841517	
3	2	11	89.9	1913		5.296828	
4	3	11	82.6	1749	1620	6.208008	
5	2	11	99.0	1982		6.827410	
6	2	11	93.6	1992		8.587455	
7	1	11	87.5			10.327325	
8	2	11	77.0	1627		11.289011	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	80.9	1258		0.256622	1
1	3	15	90.5	1351	1491	1.378783	
2	3	15	57.5	1020	1707	2.360457	
3	2	15	51.2	1372		3.055564	
4	3	15	62.0	1126	1800	4.082000	
5	1	15	97.4			5.230089	
6	1	15	62.9			5.992031	
7	2	15	72.5	1064		6.749102	
8	2	15	94.3	1833		7.926763	
9	2	15	58.7	1699		8.407485	
10	2	15	57.0	1661		9.420850	
11	2	15	50.2	1894		10.601090	
12	2	15	84.8	1263		11.499093	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	87.0	1851	1544	1.072566	1
1	3	9	51.0	1531	1487	1.605545	
2	2	9	79.5	1503		2.671645	
3	2	9	70.9	1476		4.400472	
4	3	9	89.5	1435	1877	5.798735	
5	1	9	52.4			6.880941	
6	2	9	63.0	1974		8.616181	
7	3	9	93.1	1569	1700	9.971491	
8	2	9	91.5	1263		11.350807	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	68.8			0.443207	1
1	2	6	63.8	1734		1.084093	
2	3	6	98.9	1947	1452	2.132449	
3	3	6	58.6	1410	1981	2.414580	
4	2	6	93.1	1083		3.466633	
5	1	6	75.2			4.103940	
6	2	6	74.5	1863		4.938610	
7	2	6	94.7	1320		5.567523	
8	1	6	76.8			6.260864	
9	2	6	87.8	1530		6.810457	
10	1	6	59.1			7.737488	
11	1	6	83.8			8.324590	
12	2	6	85.8	1726		9.127513	
13	2	6	95.2	1943		9.965099	
14	1	6	90.6			11.224130	
15	3	6	99.1	1494	1964	11.477596	



## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	79.4	1515		1.013613	1
1	3	10	86.0	1770	1981	1.328609	
2	3	10	57.6	1320	1321	2.971343	
3	1	10	78.6			3.552640	
4	2	10	89.5	1304		5.224501	
5	2	10	91.2	1495		6.168555	
6	2	10	61.0	1666		7.464238	
7	3	10	87.3	1405	1161	8.128314	
8	3	10	55.7	1659	1356	9.465520	
9	2	10	84.9	1940		10.607193	
10	2	10	98.9	1719		11.537431	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	94.3	1231		0.354004	1
1	1	14	83.7			1.432907	
2	2	14	60.0	1479		1.607651	
3	3	14	77.6	1539	1460	2.313713	
4	3	14	81.3	1590	1508	3.485679	
5	2	14	69.6	1604		4.255458	
6	2	14	96.5	1616		4.553625	
7	2	14	84.7	1106		5.386310	
8	1	14	61.9			6.496258	
9	2	14	79.6	1545		7.106732	
10	2	14	58.0	1114		7.624014	
11	2	14	85.9	1371		8.970666	
12	2	14	52.1	1669		9.198150	
13	2	14	73.3	1307		9.833765	
14	1	14	97.3			10.735213	
15	1	14	75.2			11.443777	

## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	64.8	1610		0.348377	1
1	2	7	96.2	1673		1.844391	
2	2	7	53.6	1736		2.872588	
3	3	7	93.1	1171	1496	3.389354	
4	3	7	63.3	1787	1900	4.372386	
5	2	7	87.8	1617		6.424751	
6	2	7	64.2	1277		7.173617	
7	2	7	81.5	1772		7.903484	
8	2	7	55.3	1564		9.597867	
9	3	7	73.0	1534	1815	10.856504	
10	3	7	70.1	1089	1216	11.712378	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	73.0	1092		0.339519	1
1	3	14	88.8	1272	1963	0.901256	
2	1	14	57.6			2.103430	
3	3	14	69.2	1402	1084	2.805437	
4	3	14	59.0	1137	1737	3.213556	
5	3	14	60.9	1246	1390	4.620969	
6	2	14	68.0	1856		5.062904	
7	2	14	72.4	1281		6.045319	
8	3	14	98.8	1141	1440	6.741045	
9	3	14	67.8	1967	1702	7.461856	
10	1	14	91.9			8.717916	
11	1	14	99.7			9.173422	
12	1	14	61.1			10.302322	
13	1	14	77.0			10.479520	
14	1	14	57.9			11.819568	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	78.0	1133		0.097194	1
1	1	20	73.2			1.190252	
2	3	20	52.8	1012	1181	1.840807	
3	1	20	78.6			2.566621	
4	1	20	61.0			3.327835	
5	2	20	86.1	1192		4.102277	
6	1	20	79.5			4.730780	
7	3	20	58.2	1453	1747	5.519621	
8	2	20	74.1	1448		5.769561	
9	2	20	61.2	1859		6.579013	
10	1	20	60.7			7.496360	
11	3	20	69.3	1049	1401	8.354254	
12	2	20	82.7	1976		8.921490	
13	3	20	67.3	1400	1696	9.594595	
14	1	20	95.3			9.999209	
15	3	20	70.1	1786	1774	11.239380	
16	2	20	50.4	1640		11.382309	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	78.1	1364		0.259504	1
1	2	11	70.2	1704		1.835067	
2	2	11	65.4	1398		2.764498	
3	1	11	57.4			3.951741	
4	3	11	88.8	1257	1025	4.562828	
5	3	11	57.5	1412	1934	5.661958	
6	2	11	80.3	1333		6.716856	
7	1	11	96.6			8.533422	
8	3	11	67.4	1025	1967	9.148481	
9	1	11	64.0			10.387345	
10	2	11	76.8	1841		11.765817	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	79.5	1056	1626	0.054424	1
1	2	9	55.8	1546		1.188668	
2	3	9	71.6	1661	1821	1.524765	
3	3	9	51.6	1142	1004	2.042038	
4	2	9	90.4	1652		2.887220	
5	1	9	69.1			3.420505	
6	2	9	88.8	1025		3.780323	
7	2	9	65.4	1737		4.513086	
8	2	9	70.6	1237		4.909450	
9	3	9	80.5	1000	1944	5.837895	
10	2	9	99.5	1509		6.429014	
11	3	9	91.1	1479	1297	7.058330	
12	2	9	76.9	1151		7.560229	
13	1	9	71.6			7.874717	
14	2	9	55.2	1670		8.872181	
15	3	9	58.4	1409	1339	9.181530	
16	2	9	93.2	1836		10.091369	
17	2	9	68.1	1345		10.528471	
18	2	9	69.9	1084		11.339981	
19	1	9	80.5			11.912324	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	95.7	1650	1950	0.476505	1
1	2	10	52.5	1384		0.784511	
2	2	10	67.7	1893		1.819544	
3	3	10	69.7	1053	1154	2.628838	
4	3	10	56.9	1586	1205	2.848952	
5	2	10	61.5	1431		3.719134	
6	2	10	51.1	1092		4.235382	
7	2	10	55.1	1488		4.812437	
8	3	10	56.4	1225	1497	5.554693	
9	3	10	73.4	1675	1156	6.348565	
10	2	10	87.7	1323		6.940577	
11	2	10	88.1	1208		7.592761	
12	1	10	90.2			8.327089	
13	1	10	55.5			9.113654	
14	2	10	53.3	1818		9.555932	
15	2	10	65.9	1570		10.296807	
16	3	10	99.3	1448	1764	11.119926	
17	3	10	68.3	1739	1811	11.594126	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	95.5	1022	1465	0.264491	1
1	1	7	82.1			0.932641	
2	2	7	75.7	1428		2.039334	
3	2	7	69.2	1542		3.093486	
4	2	7	82.7	1404		4.030432	
5	3	7	98.9	1021	1931	5.346633	
6	3	7	50.7	1184	1175	6.440663	
7	1	7	81.0			6.493380	
8	2	7	80.7	1416		8.106155	
9	1	7	66.2			8.983110	
10	1	7	86.3			9.636991	
11	3	7	76.1	1264	1062	10.996012	
12	3	7	73.9	1103	1048	11.466578	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	56.4	1704		0.371340	1
1	2	9	53.5	1765		1.444409	
2	3	9	75.5	1431	1007	2.379921	
3	2	9	50.3	1804		3.245904	
4	3	9	71.3	1314	1349	3.628380	
5	1	9	50.9			5.066562	
6	2	9	74.1	1952		5.494617	
7	1	9	65.9			6.378340	
8	3	9	80.3	1004	1056	7.420616	
9	3	9	97.3	1260	1792	8.106815	
10	1	9	76.9			8.827868	
11	3	9	50.0	1750	1680	10.151085	
12	1	9	83.4			10.635923	
13	3	9	53.4	1425	1360	11.660706	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	80.2	1132		0.753788	1
1	2	11	60.3	1506		1.765081	
2	1	11	70.1			3.174481	
3	2	11	91.9	1599		3.687586	
4	2	11	83.8	1253		4.830795	
5	3	11	82.4	1583	1813	6.604948	
6	2	11	91.1	1502		7.883092	
7	1	11	84.4			9.267782	
8	2	11	66.7	1645		10.130118	
9	1	11	94.3			11.925229	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	89.1	1137		0.145532	1
1	2	15	90.7	1764		1.161145	
2	3	15	80.4	1800	1568	1.395455	
3	2	15	51.7	1748		2.438545	
4	2	15	64.8	1334		2.801237	
5	2	15	55.4	1286		3.391737	
6	3	15	53.7	1586	1769	4.460795	
7	2	15	70.6	1259		5.066321	
8	2	15	54.9	1772		5.386267	
9	2	15	91.8	1651		6.036224	
10	1	15	76.0			7.085977	
11	2	15	63.5	1519		7.752046	
12	3	15	92.0	1405	1030	8.430838	
13	3	15	73.4	1836	1760	9.007385	
14	1	15	56.2			9.644723	
15	1	15	90.1			10.052702	
16	3	15	90.1	1097	1591	11.184479	
17	3	15	77.8	1764	1816	11.520199	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	69.0	1279	1750	0.569931	1
1	2	13	94.4	1960		0.969903	
2	3	13	65.9	1878	1427	2.456609	
3	2	13	75.5	1104		3.654068	
4	2	13	81.9	1019		3.835683	
5	2	13	90.6	1142		4.809187	
6	3	13	93.2	1150	1149	5.806079	
7	3	13	63.1	1422	1423	6.903558	
8	2	13	88.6	1337		7.642905	
9	1	13	76.0			9.026088	
10	2	13	75.1	1105		9.880543	
11	3	13	80.2	1614	1296	11.060014	
12	3	13	91.0	1158	1112	11.668144	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	52.9	1233	1552	0.538106	1
1	1	11	84.6			1.588199	
2	2	11	57.2	1010		3.156041	
3	2	11	54.3	1333		4.108518	
4	3	11	56.7	1659	1404	5.504611	
5	2	11	84.0	1686		6.436213	
6	3	11	83.3	1468	1383	8.273186	
7	2	11	96.6	1780		8.437948	
8	1	11	92.4			10.629420	
9	2	11	72.2	1154		11.630825	



## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	93.0	1574		0.580880	1
1	2	6	88.0	1313		0.838217	
2	2	6	82.6	1727		1.722156	
3	1	6	85.0			2.937336	
4	3	6	97.8	1867	1330	3.232966	
5	2	6	80.3	1656		4.401527	
6	3	6	98.4	1094	1519	5.228840	
7	2	6	80.4	1853		6.087883	
8	1	6	77.4			6.581925	
9	2	6	81.8	1783		7.230053	
10	1	6	69.7			8.535318	
11	3	6	55.2	1867	1609	9.309983	
12	2	6	65.5	1411		10.289636	
13	2	6	98.5	1250		10.847146	
14	2	6	92.5	1417		11.861190	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	84.8	1778		0.804231	1
1	1	18	83.4			1.259538	
2	2	18	68.9	1995		3.037214	
3	3	18	56.5	1832	1557	4.628221	
4	2	18	58.9	1653		5.381085	
5	1	18	57.2			6.093964	
6	2	18	61.7	1524		7.409275	
7	2	18	87.1	1837		9.054722	
8	2	18	88.3	1562		10.145221	
9	1	18	54.4			11.571849	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	79.7	1906		0.562057	1
1	2	18	95.3	1231		1.013852	
2	3	18	67.8	1908	1184	1.819363	
3	2	18	90.5	1872		2.198271	
4	1	18	82.1			3.404327	
5	1	18	94.5			3.996790	
6	1	18	76.8			4.634999	
7	2	18	54.6	1378		5.340169	
8	2	18	86.1	1197		6.199069	
9	2	18	86.8	1624		6.536200	
10	2	18	55.5	1188		7.443491	
11	2	18	60.8	1945		8.254824	
12	2	18	65.6	1232		8.733953	
13	3	18	60.8	1020	1610	9.683001	
14	3	18	64.9	1273	1865	9.981649	
15	2	18	77.5	1846		10.736365	
16	2	18	95.6	1848		11.648924	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	50.5	1508	1070	0.294777	1
1	3	15	60.8	1359	1608	1.282241	
2	2	15	67.2	1995		1.645541	
3	3	15	52.2	1029	1746	2.709361	
4	1	15	58.0			3.084541	
5	3	15	85.4	1391	1279	4.041988	
6	1	15	66.3			4.569902	
7	1	15	61.8			5.612484	
8	3	15	98.1	1585	1831	6.481636	
9	3	15	61.3	1858	1764	7.317960	
10	2	15	83.5	1836		7.912909	
11	3	15	50.4	1221	1640	8.631389	
12	1	15	97.1			9.045663	
13	2	15	52.6	1161		9.770151	
14	2	15	98.5	1602		11.076706	
15	2	15	91.1	1252		11.615153	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	55.8	1569		0.413758	1
1	2	14	70.3	1504		1.738211	
2	2	14	51.7	1278		2.710076	
3	2	14	55.8	1535		4.442325	
4	1	14	54.1			5.126556	
5	1	14	97.1			6.900927	
6	1	14	51.8			7.535828	
7	2	14	74.9	1819		8.954284	
8	3	14	72.9	1781	1542	10.452758	
9	2	14	91.0	1847		11.492995	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	64.6	1097		0.523703	1
1	1	9	97.0			1.512634	
2	2	9	76.2	1828		1.718082	
3	2	9	70.0	1958		2.906391	
4	1	9	68.9			3.832004	
5	3	9	80.4	1220	1602	4.690704	
6	2	9	98.4	1041		4.941457	
7	1	9	53.3			6.191477	
8	3	9	55.3	1146	1105	6.904877	
9	1	9	76.9			7.808610	
10	1	9	65.9			8.044991	
11	2	9	80.5	1914		8.855794	
12	3	9	72.1	1725	1062	9.936184	
13	2	9	84.8	1493		10.969280	
14	2	9	54.5	1749		11.682793	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	87.4	1647	1065	0.567827	1
1	1	8	93.0			0.769385	
2	1	8	87.2			1.924164	
3	2	8	85.7	1402		2.404834	
4	3	8	80.5	1308	1814	3.170530	
5	2	8	65.9	1329		3.645274	
6	3	8	55.4	1575	1964	4.445376	
7	3	8	58.6	1339	1847	5.273994	
8	3	8	78.7	1784	1881	5.465415	
9	2	8	99.9	1622		6.168800	
10	1	8	96.7			6.982811	
11	3	8	65.9	1062	1660	7.576181	
12	3	8	93.2	1523	1450	8.431028	
13	2	8	83.7	1619		8.695069	
14	1	8	92.5			9.930935	
15	1	8	96.3			10.255082	
16	1	8	60.6			11.317497	
17	2	8	59.5	1322		11.354299	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	76.0	1589		0.152020	1
1	1	12	94.4			0.937034	
2	2	12	79.0	1369		1.344618	
3	3	12	82.7	1536	1596	2.292904	
4	2	12	52.9	1250		2.683148	
5	3	12	98.7	1921	1173	3.320765	
6	2	12	86.9	1271		3.731266	
7	2	12	55.7	1806		4.678835	
8	1	12	50.5			5.070310	
9	2	12	80.7	1437		5.865683	
10	3	12	67.0	1103	1965	6.123733	
11	2	12	64.9	1413		6.640074	
12	2	12	64.2	1576		7.332032	
13	3	12	73.6	1884	1185	8.066733	
14	3	12	67.0	1050	1286	8.947931	
15	3	12	87.0	1954	1149	9.197360	
16	3	12	71.3	1172	1145	9.925110	
17	2	12	85.8	1264		10.219632	
18	2	12	85.5	1628		10.840451	
19	3	12	72.0	1752	1949	11.548876	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	80.5	1145	1452	0.651270	1
1	3	20	76.3	1484	1468	1.169823	
2	3	20	56.8	1944	1177	1.671578	
3	3	20	64.8	1925	1049	2.378911	
4	2	20	78.6	1324		3.181621	
5	2	20	67.2	1673		4.008072	
6	1	20	52.9			4.691055	
7	1	20	53.4			5.928104	
8	1	20	74.8			6.510887	
9	2	20	90.4	1443		6.827293	
10	2	20	96.7	1474		7.579228	
11	1	20	54.6			8.955329	
12	2	20	80.3	1407		9.333680	
13	2	20	99.9	1660		10.009683	
14	2	20	57.1	1372		10.871672	
15	3	20	86.8	1795	1671	11.553093	

## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	65.5	1610	1417	0.402859	1
1	2	15	65.8	1477		1.592809	
2	2	15	83.9	1497		2.145700	
3	3	15	67.2	1632	1222	2.677213	
4	3	15	61.4	1264	1102	3.940370	
5	2	15	88.1	1027		4.139194	
6	3	15	88.5	1158	1625	5.147725	
7	2	15	98.9	1298		5.900418	
8	2	15	58.0	1434		6.887877	
9	3	15	97.8	1152	1181	7.956048	
10	3	15	67.8	1543	1686	8.600347	
11	1	15	67.7			9.389948	
12	3	15	79.2	1948	1208	10.131375	
13	2	15	63.5	1204		10.484978	
14	1	15	63.3			11.819729	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530.0	9	1.0	333	1	5308.0, 5691.0, 5451.0, 5458.0, 5326.0, 5437.0, 5623.0, 5687.0, 5580.0, 5630.0, 5395.0, 5670.0, 5710.0, 5544.0, 5472.0, 5318.0, 5664.0, 5508.0, 5287.0, 5676.0, 5305.0, 5388.0, 5709.0, 5668.0, 5344.0, 5660.0, 5390.0, 5595.0, 5460.0, 5431.0, 5396.0, 5657.0, 5611.0, 5392.0, 5426.0, 5631.0, 5568.0, 5598.0, 5273.0, 5442.0, 5578.0, 5466.0, 5299.0, 5695.0, 5554.0, 5261.0, 5522.0, 5511.0, 5567.0, 5430.0, 5268.0, 5616.0, 5494.0, 5686.0, 5585.0, 5409.0, 5256.0, 5289.0, 5545.0, 5530.0, 5404.0, 5640.0, 5532.0, 5463.0, 5675.0, 5575.0, 5669.0, 5535.0, 5549.0, 5307.0, 5540.0, 5353.0, 5252.0, 5644.0, 5329.0, 5599.0, 5605.0, 5698.0, 5339.0, 5652.0, 5281.0, 5412.0, 5312.0, 5417.0, 5385.0, 5387.0, 5263.0, 5313.0, 5722.0, 5254.0, 5464.0, 5330.0, 5583.0, 5582.0, 5448.0, 5603.0, 5520.0, 5538.0, 5650.0, 5589.0 (number of hits: 15 )
2	5530.0	9	1.0	333	1	5723.0, 5561.0, 5377.0, 5342.0, 5559.0, 5667.0, 5628.0, 5700.0, 5708.0, 5528.0, 5671.0, 5483.0, 5508.0, 5272.0, 5440.0, 5341.0, 5674.0, 5289.0, 5318.0, 5287.0, 5711.0, 5301.0, 5312.0, 5605.0, 5348.0, 5548.0, 5688.0, 5395.0, 5657.0, 5634.0, 5295.0, 5514.0, 5285.0, 5602.0, 5599.0, 5653.0, 5308.0, 5441.0, 5252.0, 5326.0, 5666.0, 5519.0, 5521.0, 5557.0, 5617.0, 5581.0, 5343.0, 5397.0, 5470.0, 5283.0, 5310.0, 5409.0, 5467.0, 5649.0, 5345.0, 5430.0, 5701.0, 5717.0, 5531.0, 5489.0, 5706.0, 5586.0, 5720.0, 5356.0, 5475.0, 5710.0, 5262.0, 5691.0, 5322.0, 5422.0, 5268.0, 5335.0, 5712.0, 5644.0, 5389.0, 5522.0, 5655.0, 5427.0, 5264.0, 5291.0, 5590.0, 5620.0, 5357.0, 5695.0, 5347.0, 5408.0, 5472.0, 5537.0, 5658.0, 5645.0, 5462.0, 5588.0, 5679.0, 5415.0, 5554.0, 5488.0, 5681.0, 5504.0, 5432.0, 5577.0 (number of hits: 14 )
3	5530.0	9	1.0	333	1	5506.0, 5378.0, 5396.0, 5538.0, 5281.0, 5627.0, 5496.0, 5516.0, 5582.0, 5568.0, 5593.0, 5428.0, 5666.0, 5500.0, 5417.0, 5702.0, 5653.0, 5669.0, 5330.0, 5274.0, 5606.0, 5584.0, 5677.0, 5293.0, 5321.0, 5371.0, 5262.0, 5655.0, 5367.0, 5603.0, 5577.0, 5277.0, 5560.0, 5482.0, 5302.0, 5266.0, 5581.0, 5488.0, 5328.0, 5678.0, 5402.0, 5527.0, 5674.0, 5696.0, 5346.0, 5591.0, 5523.0, 5565.0, 5304.0, 5648.0, 5455.0, 5699.0, 5589.0, 5390.0, 5510.0, 5509.0, 5469.0, 5372.0, 5498.0, 5398.0, 5513.0, 5478.0, 5306.0, 5467.0, 5580.0, 5352.0, 5326.0, 5514.0, 5421.0, 5456.0, 5433.0, 5519.0, 5705.0, 5533.0, 5411.0, 5683.0, 5338.0, 5621.0, 5629.0, 5315.0, 5673.0, 5520.0, 5675.0, 5269.0, 5680.0, 5579.0, 5397.0, 5502.0, 5344.0, 5570.0, 5468.0, 5598.0, 5297.0, 5620.0, 5604.0, 5636.0, 5535.0, 5691.0, 5258.0, 5672.0 (number of hits: 19 )
4	5530.0	9	1.0	333	1	5428.0, 5285.0, 5595.0, 5347.0, 5659.0, 5416.0, 5511.0, 5350.0, 5304.0, 5341.0, 5722.0, 5590.0, 5294.0, 5535.0, 5560.0, 5617.0, 5696.0, 5575.0, 5413.0, 5316.0, 5464.0, 5483.0, 5620.0, 5450.0, 5257.0, 5470.0, 5673.0, 5675.0, 5359.0, 5601.0, 5662.0, 5503.0, 5458.0, 5584.0, 5602.0, 5364.0, 5660.0, 5354.0, 5352.0, 5539.0, 5714.0, 5308.0, 5641.0, 5321.0, 5396.0, 5648.0, 5389.0, 5553.0, 5442.0, 5573.0, 5594.0, 5546.0, 5329.0, 5598.0, 5697.0, 5600.0, 5625.0, 5610.0, 5490.0, 5618.0, 5382.0, 5427.0, 5266.0, 5288.0, 5528.0, 5530.0, 5611.0, 5268.0, 5295.0, 5312.0, 5451.0, 5537.0, 5658.0, 5616.0, 5500.0, 5581.0, 5363.0, 5438.0, 5661.0, 5417.0, 5460.0, 5319.0, 5655.0, 5457.0, 5494.0, 5463.0, 5343.0, 5489.0, 5717.0, 5614.0, 5374.0, 5586.0, 5629.0, 5355.0, 5259.0, 5708.0, 5296.0, 5549.0, 5406.0, 5695.0 (number of hits: 13 )
5	5530.0	9	1.0	333	1	5373.0, 5550.0, 5537.0, 5407.0, 5278.0, 5251.0, 5284.0, 5525.0, 5405.0, 5515.0, 5523.0, 5330.0, 5433.0, 5666.0, 5548.0, 5583.0, 5311.0, 5282.0, 5363.0, 5573.0, 5390.0, 5475.0, 5343.0, 5316.0,



						5432.0, 5527.0, 5680.0, 5456.0, 5679.0, 5460.0, 5716.0, 5595.0, 5619.0, 5342.0, 5452.0, 5477.0, 5682.0, 5578.0, 5620.0, 5521.0, 5563.0, 5253.0, 5277.0, 5677.0, 5616.0, 5447.0, 5280.0, 5402.0, 5510.0, 5267.0, 5467.0, 5528.0, 5540.0, 5359.0, 5564.0, 5347.0, 5268.0, 5618.0, 5491.0, 5473.0, 5258.0, 5344.0, 5469.0, 5389.0, 5598.0, 5354.0, 5488.0, 5416.0, 5361.0, 5714.0, 5594.0, 5441.0, 5297.0, 5458.0, 5400.0, 5455.0, 5419.0, 5318.0, 5549.0, 5707.0, 5631.0, 5566.0, 5415.0, 5602.0, 5450.0, 5483.0, 5713.0, 5357.0, 5399.0, 5715.0, 5350.0, 5418.0, 5496.0, 5591.0, 5409.0, 5338.0, 5509.0, 5705.0, 5506.0, 5305.0 (number of hits: 18 )
6	5530.0	9	1.0	333	1	5515.0, 5490.0, 5314.0, 5356.0, 5286.0, 5623.0, 5474.0, 5337.0, 5582.0, 5668.0, 5694.0, 5328.0, 5309.0, 5403.0, 5627.0, 5723.0, 5421.0, 5597.0, 5663.0, 5344.0, 5391.0, 5424.0, 5545.0, 5710.0, 5359.0, 5302.0, 5531.0, 5679.0, 5658.0, 5539.0, 5277.0, 5518.0, 5530.0, 5634.0, 5640.0, 5343.0, 5445.0, 5480.0, 5690.0, 5263.0, 5258.0, 5350.0, 5651.0, 5370.0, 5585.0, 5719.0, 5493.0, 5481.0, 5628.0, 5557.0, 5517.0, 5297.0, 5467.0, 5393.0, 5294.0, 5713.0, 5619.0, 5459.0, 5698.0, 5458.0, 5707.0, 5380.0, 5696.0, 5616.0, 5568.0, 5648.0, 5497.0, 5412.0, 5488.0, 5437.0, 5529.0, 5254.0, 5583.0, 5345.0, 5661.0, 5283.0, 5267.0, 5578.0, 5449.0, 5323.0, 5571.0, 5259.0, 5721.0, 5541.0, 5604.0, 5505.0, 5430.0, 5624.0, 5560.0, 5499.0, 5439.0, 5577.0, 5687.0, 5373.0, 5433.0, 5562.0, 5649.0, 5590.0, 5308.0, 5642.0 (number of hits: 16 )
7	5530.0	9	1.0	333	1	5366.0, 5568.0, 5601.0, 5299.0, 5535.0, 5437.0, 5397.0, 5685.0, 5287.0, 5588.0, 5502.0, 5596.0, 5375.0, 5654.0, 5340.0, 5621.0, 5529.0, 5284.0, 5455.0, 5650.0, 5300.0, 5663.0, 5387.0, 5468.0, 5471.0, 5421.0, 5429.0, 5574.0, 5697.0, 5703.0, 5293.0, 5343.0, 5487.0, 5508.0, 5678.0, 5494.0, 5273.0, 5433.0, 5342.0, 5341.0, 5655.0, 5580.0, 5641.0, 5331.0, 5472.0, 5404.0, 5686.0, 5251.0, 5630.0, 5385.0, 5525.0, 5687.0, 5371.0, 5716.0, 5402.0, 5597.0, 5477.0, 5637.0, 5328.0, 5463.0, 5603.0, 5576.0, 5459.0, 5627.0, 5691.0, 5543.0, 5376.0, 5495.0, 5444.0, 5344.0, 5435.0, 5688.0, 5322.0, 5446.0, 5629.0, 5507.0, 5581.0, 5308.0, 5518.0, 5260.0, 5489.0, 5532.0, 5554.0, 5419.0, 5336.0, 5592.0, 5628.0, 5399.0, 5270.0, 5269.0, 5283.0, 5570.0, 5265.0, 5439.0, 5337.0, 5512.0, 5589.0, 5544.0, 5546.0, 5709.0 (number of hits: 15 )
8	5530.0	9	1.0	333	1	5259.0, 5657.0, 5591.0, 5455.0, 5436.0, 5528.0, 5297.0, 5435.0, 5701.0, 5664.0, 5539.0, 5440.0, 5363.0, 5311.0, 5524.0, 5462.0, 5627.0, 5531.0, 5644.0, 5503.0, 5285.0, 5686.0, 5646.0, 5625.0, 5421.0, 5381.0, 5597.0, 5322.0, 5257.0, 5345.0, 5680.0, 5568.0, 5287.0, 5399.0, 5303.0, 5266.0, 5667.0, 5361.0, 5588.0, 5525.0, 5610.0, 5545.0, 5484.0, 5693.0, 5379.0, 5321.0, 5656.0, 5289.0, 5271.0, 5464.0, 5626.0, 5678.0, 5527.0, 5612.0, 5301.0, 5312.0, 5412.0, 5629.0, 5681.0, 5649.0, 5425.0, 5416.0, 5697.0, 5650.0, 5494.0, 5617.0, 5573.0, 5595.0, 5472.0, 5403.0, 5489.0, 5286.0, 5298.0, 5406.0, 5325.0, 5608.0, 5636.0, 5307.0, 5707.0, 5580.0, 5291.0, 5661.0, 5388.0, 5684.0, 5453.0, 5359.0, 5272.0, 5602.0, 5473.0, 5495.0, 5565.0, 5715.0, 5577.0, 5392.0, 5685.0, 5397.0, 5631.0, 5634.0, 5498.0, 5521.0 (number of hits: 13 )
9	5530.0	9	1.0	333	1	5588.0, 5419.0, 5387.0, 5262.0, 5591.0, 5354.0, 5644.0, 5256.0, 5537.0, 5715.0, 5450.0, 5348.0, 5260.0, 5685.0, 5331.0, 5554.0, 5636.0, 5485.0, 5649.0, 5684.0, 5664.0, 5317.0, 5556.0, 5528.0, 5315.0, 5378.0, 5291.0, 5414.0, 5281.0, 5296.0, 5457.0, 5342.0, 5302.0, 5564.0, 5710.0, 5288.0, 5573.0, 5683.0, 5605.0, 5366.0, 5540.0, 5361.0, 5433.0, 5701.0, 5455.0, 5651.0, 5578.0, 5574.0, 5358.0, 5632.0, 5508.0, 5386.0, 5272.0, 5351.0, 5464.0, 5655.0, 5469.0, 5333.0, 5542.0, 5510.0, 5568.0, 5396.0, 5566.0, 5373.0, 5625.0, 5374.0, 5615.0, 5261.0, 5488.0, 5422.0, 5321.0, 5326.0, 5718.0, 5380.0, 5642.0, 5392.0, 5512.0, 5413.0, 5722.0, 5449.0, 5325.0, 5404.0, 5423.0, 5599.0, 5424.0, 5496.0, 5638.0, 5586.0, 5575.0, 5383.0, 5393.0, 5379.0, 5514.0, 5711.0, 5466.0, 5593.0,

						5555.0, 5471.0, 5493.0, 5301.0 (number of hits: 15 )
10	5530.0	9	1.0	333	1	5279.0, 5488.0, 5415.0, 5286.0, 5584.0, 5266.0, 5416.0, 5706.0, 5271.0, 5253.0, 5705.0, 5677.0, 5422.0, 5687.0, 5296.0, 5404.0, 5583.0, 5515.0, 5506.0, 5620.0, 5424.0, 5672.0, 5497.0, 5650.0, 5640.0, 5683.0, 5355.0, 5388.0, 5715.0, 5521.0, 5529.0, 5386.0, 5533.0, 5291.0, 5439.0, 5516.0, 5273.0, 5323.0, 5690.0, 5457.0, 5447.0, 5281.0, 5303.0, 5551.0, 5614.0, 5392.0, 5334.0, 5695.0, 5592.0, 5333.0, 5598.0, 5385.0, 5481.0, 5306.0, 5328.0, 5335.0, 5556.0, 5698.0, 5350.0, 5338.0, 5700.0, 5691.0, 5665.0, 5469.0, 5431.0, 5491.0, 5559.0, 5396.0, 5595.0, 5425.0, 5647.0, 5372.0, 5493.0, 5307.0, 5354.0, 5262.0, 5419.0, 5282.0, 5530.0, 5349.0, 5270.0, 5408.0, 5588.0, 5345.0, 5420.0, 5272.0, 5547.0, 5684.0, 5277.0, 5655.0, 5353.0, 5365.0, 5604.0, 5259.0, 5718.0, 5617.0, 5577.0, 5697.0, 5290.0, 5356.0 (number of hits: 13 )
11	5530.0	9	1.0	333	1	5618.0, 5625.0, 5425.0, 5714.0, 5415.0, 5585.0, 5326.0, 5343.0, 5437.0, 5583.0, 5332.0, 5338.0, 5320.0, 5330.0, 5580.0, 5621.0, 5417.0, 5504.0, 5632.0, 5355.0, 5379.0, 5696.0, 5633.0, 5282.0, 5348.0, 5324.0, 5622.0, 5468.0, 5300.0, 5472.0, 5271.0, 5584.0, 5309.0, 5510.0, 5487.0, 5405.0, 5442.0, 5445.0, 5268.0, 5291.0, 5656.0, 5500.0, 5434.0, 5492.0, 5587.0, 5509.0, 5366.0, 5477.0, 5407.0, 5465.0, 5311.0, 5595.0, 5547.0, 5296.0, 5721.0, 5533.0, 5692.0, 5620.0, 5609.0, 5495.0, 5530.0, 5673.0, 5411.0, 5420.0, 5546.0, 5598.0, 5630.0, 5414.0, 5288.0, 5627.0, 5517.0, 5606.0, 5572.0, 5680.0, 5396.0, 5344.0, 5693.0, 5651.0, 5427.0, 5426.0, 5644.0, 5653.0, 5480.0, 5524.0, 5719.0, 5589.0, 5371.0, 5481.0, 5362.0, 5287.0, 5555.0, 5521.0, 5532.0, 5262.0, 5350.0, 5403.0, 5474.0, 5515.0, 5576.0, 5329.0 (number of hits: 16 )
12	5530.0	9	1.0	333	1	5402.0, 5499.0, 5437.0, 5420.0, 5347.0, 5671.0, 5612.0, 5374.0, 5427.0, 5300.0, 5494.0, 5291.0, 5456.0, 5356.0, 5483.0, 5274.0, 5366.0, 5425.0, 5386.0, 5465.0, 5445.0, 5533.0, 5660.0, 5360.0, 5527.0, 5637.0, 5441.0, 5371.0, 5298.0, 5585.0, 5610.0, 5339.0, 5271.0, 5662.0, 5667.0, 5701.0, 5303.0, 5683.0, 5373.0, 5259.0, 5340.0, 5477.0, 5708.0, 5378.0, 5552.0, 5557.0, 5528.0, 5556.0, 5387.0, 5577.0, 5587.0, 5284.0, 5349.0, 5581.0, 5562.0, 5630.0, 5665.0, 5431.0, 5519.0, 5553.0, 5579.0, 5649.0, 5497.0, 5613.0, 5383.0, 5647.0, 5460.0, 5676.0, 5529.0, 5310.0, 5651.0, 5685.0, 5530.0, 5332.0, 5462.0, 5564.0, 5469.0, 5422.0, 5591.0, 5412.0, 5394.0, 5294.0, 5283.0, 5327.0, 5642.0, 5614.0, 5478.0, 5488.0, 5576.0, 5601.0, 5656.0, 5666.0, 5278.0, 5453.0, 5341.0, 5703.0, 5256.0, 5447.0, 5716.0, 5607.0 (number of hits: 15 )
13	5530.0	9	1.0	333	1	5301.0, 5714.0, 5457.0, 5520.0, 5494.0, 5448.0, 5532.0, 5343.0, 5384.0, 5280.0, 5590.0, 5292.0, 5306.0, 5646.0, 5513.0, 5500.0, 5543.0, 5378.0, 5560.0, 5514.0, 5468.0, 5313.0, 5614.0, 5312.0, 5497.0, 5417.0, 5315.0, 5618.0, 5595.0, 5601.0, 5705.0, 5276.0, 5591.0, 5621.0, 5271.0, 5295.0, 5607.0, 5475.0, 5389.0, 5655.0, 5288.0, 5539.0, 5476.0, 5321.0, 5525.0, 5269.0, 5465.0, 5641.0, 5336.0, 5722.0, 5333.0, 5363.0, 5517.0, 5675.0, 5415.0, 5485.0, 5617.0, 5586.0, 5449.0, 5506.0, 5291.0, 5458.0, 5711.0, 5589.0, 5663.0, 5598.0, 5401.0, 5456.0, 5633.0, 5566.0, 5406.0, 5340.0, 5469.0, 5692.0, 5707.0, 5452.0, 5666.0, 5544.0, 5369.0, 5639.0, 5634.0, 5375.0, 5371.0, 5274.0, 5721.0, 5266.0, 5434.0, 5716.0, 5699.0, 5324.0, 5681.0, 5416.0, 5668.0, 5388.0, 5647.0, 5323.0, 5540.0, 5479.0, 5348.0, 5423.0 (number of hits: 15 )
14	5530.0	9	1.0	333	1	5578.0, 5343.0, 5511.0, 5455.0, 5400.0, 5322.0, 5666.0, 5601.0, 5704.0, 5655.0, 5361.0, 5377.0, 5514.0, 5496.0, 5530.0, 5420.0, 5716.0, 5717.0, 5375.0, 5557.0, 5404.0, 5466.0, 5396.0, 5408.0, 5271.0, 5591.0, 5544.0, 5651.0, 5300.0, 5418.0, 5664.0, 5562.0, 5295.0, 5510.0, 5482.0, 5267.0, 5558.0, 5653.0, 5504.0, 5350.0, 5534.0, 5319.0, 5697.0, 5686.0, 5470.0, 5627.0, 5531.0, 5280.0, 5606.0, 5337.0, 5556.0, 5564.0, 5457.0, 5631.0, 5355.0, 5475.0, 5633.0, 5399.0, 5312.0, 5596.0, 5547.0, 5279.0, 5410.0, 5413.0,

						5625.0, 5535.0, 5679.0, 5709.0, 5522.0, 5293.0, 5397.0, 5367.0, 5357.0, 5452.0, 5290.0, 5409.0, 5604.0, 5722.0, 5542.0, 5719.0, 5643.0, 5317.0, 5691.0, 5592.0, 5598.0, 5302.0, 5574.0, 5687.0, 5467.0, 5680.0, 5551.0, 5272.0, 5642.0, 5379.0, 5389.0, 5720.0, 5665.0, 5637.0, 5648.0, 5392.0 (number of hits: 19 )
15	5530.0	9	1.0	333	1	5337.0, 5615.0, 5638.0, 5520.0, 5671.0, 5442.0, 5512.0, 5311.0, 5273.0, 5274.0, 5701.0, 5344.0, 5636.0, 5427.0, 5490.0, 5622.0, 5547.0, 5313.0, 5495.0, 5454.0, 5590.0, 5612.0, 5610.0, 5279.0, 5643.0, 5436.0, 5627.0, 5571.0, 5334.0, 5477.0, 5539.0, 5433.0, 5441.0, 5271.0, 5704.0, 5378.0, 5531.0, 5496.0, 5398.0, 5383.0, 5525.0, 5659.0, 5471.0, 5519.0, 5685.0, 5359.0, 5503.0, 5716.0, 5502.0, 5294.0, 5552.0, 5450.0, 5402.0, 5297.0, 5677.0, 5386.0, 5440.0, 5493.0, 5315.0, 5363.0, 5268.0, 5635.0, 5680.0, 5518.0, 5561.0, 5270.0, 5617.0, 5267.0, 5514.0, 5551.0, 5508.0, 5705.0, 5577.0, 5304.0, 5695.0, 5258.0, 5556.0, 5438.0, 5682.0, 5690.0, 5287.0, 5668.0, 5599.0, 5572.0, 5351.0, 5365.0, 5339.0, 5326.0, 5314.0, 5722.0, 5463.0, 5260.0, 5613.0, 5435.0, 5370.0, 5528.0, 5284.0, 5529.0, 5595.0, 5611.0 (number of hits: 21 )
16	5530.0	9	1.0	333	1	5454.0, 5252.0, 5328.0, 5320.0, 5686.0, 5687.0, 5450.0, 5285.0, 5587.0, 5389.0, 5278.0, 5310.0, 5388.0, 5475.0, 5509.0, 5305.0, 5468.0, 5308.0, 5403.0, 5387.0, 5546.0, 5630.0, 5671.0, 5482.0, 5595.0, 5682.0, 5712.0, 5419.0, 5435.0, 5374.0, 5541.0, 5279.0, 5653.0, 5656.0, 5707.0, 5508.0, 5568.0, 5269.0, 5705.0, 5433.0, 5318.0, 5496.0, 5477.0, 5699.0, 5362.0, 5636.0, 5401.0, 5574.0, 5515.0, 5520.0, 5281.0, 5501.0, 5702.0, 5706.0, 5535.0, 5718.0, 5597.0, 5344.0, 5521.0, 5349.0, 5526.0, 5503.0, 5339.0, 5351.0, 5697.0, 5425.0, 5367.0, 5402.0, 5440.0, 5531.0, 5293.0, 5448.0, 5538.0, 5384.0, 5315.0, 5325.0, 5294.0, 5296.0, 5429.0, 5306.0, 5409.0, 5562.0, 5474.0, 5504.0, 5554.0, 5426.0, 5463.0, 5566.0, 5410.0, 5487.0, 5453.0, 5266.0, 5510.0, 5571.0, 5681.0, 5651.0, 5332.0, 5267.0, 5262.0, 5251.0 (number of hits: 19 )
17	5530.0	9	1.0	333	1	5403.0, 5399.0, 5520.0, 5604.0, 5260.0, 5404.0, 5607.0, 5287.0, 5461.0, 5438.0, 5488.0, 5630.0, 5375.0, 5462.0, 5558.0, 5458.0, 5535.0, 5500.0, 5430.0, 5618.0, 5718.0, 5662.0, 5252.0, 5582.0, 5699.0, 5612.0, 5615.0, 5445.0, 5519.0, 5634.0, 5352.0, 5267.0, 5261.0, 5715.0, 5697.0, 5549.0, 5364.0, 5466.0, 5642.0, 5401.0, 5380.0, 5669.0, 5418.0, 5652.0, 5655.0, 5539.0, 5665.0, 5447.0, 5660.0, 5477.0, 5319.0, 5689.0, 5279.0, 5672.0, 5597.0, 5629.0, 5683.0, 5692.0, 5548.0, 5446.0, 5674.0, 5280.0, 5666.0, 5564.0, 5638.0, 5400.0, 5533.0, 5700.0, 5303.0, 5277.0, 5473.0, 5611.0, 5402.0, 5469.0, 5668.0, 5525.0, 5386.0, 5405.0, 5577.0, 5708.0, 5507.0, 5443.0, 5452.0, 5646.0, 5622.0, 5398.0, 5460.0, 5299.0, 5408.0, 5579.0, 5272.0, 5606.0, 5356.0, 5673.0, 5590.0, 5357.0, 5374.0, 5407.0, 5263.0, 5339.0 (number of hits: 12 )
18	5530.0	9	1.0	333	1	5503.0, 5293.0, 5273.0, 5710.0, 5257.0, 5635.0, 5697.0, 5641.0, 5468.0, 5619.0, 5511.0, 5562.0, 5396.0, 5381.0, 5644.0, 5721.0, 5470.0, 5465.0, 5556.0, 5540.0, 5702.0, 5345.0, 5508.0, 5301.0, 5442.0, 5558.0, 5307.0, 5621.0, 5412.0, 5603.0, 5276.0, 5719.0, 5642.0, 5512.0, 5461.0, 5546.0, 5654.0, 5417.0, 5524.0, 5438.0, 5252.0, 5714.0, 5553.0, 5284.0, 5353.0, 5664.0, 5388.0, 5423.0, 5429.0, 5544.0, 5571.0, 5609.0, 5400.0, 5391.0, 5639.0, 5389.0, 5274.0, 5275.0, 5506.0, 5501.0, 5366.0, 5368.0, 5649.0, 5260.0, 5679.0, 5523.0, 5596.0, 5321.0, 5339.0, 5285.0, 5463.0, 5460.0, 5521.0, 5306.0, 5669.0, 5604.0, 5674.0, 5509.0, 5528.0, 5425.0, 5587.0, 5655.0, 5526.0, 5262.0, 5449.0, 5335.0, 5500.0, 5322.0, 5416.0, 5317.0, 5456.0, 5336.0, 5608.0, 5361.0, 5390.0, 5539.0, 5582.0, 5638.0, 5720.0, 5473.0 (number of hits: 21 )
19	5530.0	9	1.0	333	1	5503.0, 5600.0, 5611.0, 5528.0, 5353.0, 5254.0, 5311.0, 5352.0, 5660.0, 5623.0, 5447.0, 5689.0, 5656.0, 5646.0, 5692.0, 5400.0, 5580.0, 5610.0, 5523.0, 5401.0, 5662.0, 5305.0, 5432.0, 5644.0, 5540.0, 5426.0, 5275.0, 5673.0, 5469.0, 5583.0, 5289.0, 5565.0,

						5651.0, 5320.0, 5403.0, 5405.0, 5581.0, 5465.0, 5375.0, 5667.0, 5530.0, 5461.0, 5333.0, 5363.0, 5708.0, 5531.0, 5617.0, 5293.0, 5594.0, 5482.0, 5252.0, 5533.0, 5507.0, 5356.0, 5480.0, 5693.0, 5573.0, 5578.0, 5262.0, 5422.0, 5679.0, 5587.0, 5638.0, 5543.0, 5546.0, 5627.0, 5670.0, 5274.0, 5284.0, 5712.0, 5705.0, 5545.0, 5637.0, 5710.0, 5661.0, 5268.0, 5576.0, 5366.0, 5434.0, 5279.0, 5472.0, 5586.0, 5334.0, 5313.0, 5308.0, 5292.0, 5547.0, 5423.0, 5479.0, 5643.0, 5674.0, 5516.0, 5514.0, 5601.0, 5421.0, 5391.0, 5537.0, 5331.0, 5535.0, 5285.0 (number of hits: 17)
20	5530.0	9	1.0	333	1	5616.0, 5716.0, 5447.0, 5552.0, 5333.0, 5554.0, 5341.0, 5488.0, 5635.0, 5377.0, 5484.0, 5452.0, 5641.0, 5330.0, 5651.0, 5271.0, 5266.0, 5399.0, 5326.0, 5555.0, 5621.0, 5536.0, 5689.0, 5605.0, 5289.0, 5544.0, 5579.0, 5715.0, 5510.0, 5331.0, 5523.0, 5518.0, 5610.0, 5577.0, 5318.0, 5365.0, 5557.0, 5253.0, 5721.0, 5448.0, 5592.0, 5520.0, 5262.0, 5570.0, 5711.0, 5438.0, 5406.0, 5653.0, 5718.0, 5323.0, 5598.0, 5481.0, 5584.0, 5286.0, 5461.0, 5649.0, 5387.0, 5674.0, 5722.0, 5561.0, 5398.0, 5560.0, 5675.0, 5567.0, 5543.0, 5479.0, 5310.0, 5578.0, 5719.0, 5713.0, 5603.0, 5343.0, 5535.0, 5385.0, 5431.0, 5361.0, 5652.0, 5596.0, 5617.0, 5368.0, 5509.0, 5383.0, 5439.0, 5691.0, 5497.0, 5513.0, 5436.0, 5492.0, 5376.0, 5334.0, 5647.0, 5297.0, 5714.0, 5358.0, 5551.0, 5435.0, 5533.0, 5663.0, 5548.0, 5576.0 (number of hits: 22)
21	5530.0	9	1.0	333	1	5307.0, 5296.0, 5648.0, 5589.0, 5628.0, 5310.0, 5608.0, 5269.0, 5595.0, 5580.0, 5503.0, 5527.0, 5289.0, 5358.0, 5261.0, 5469.0, 5676.0, 5686.0, 5393.0, 5278.0, 5370.0, 5386.0, 5255.0, 5291.0, 5473.0, 5271.0, 5603.0, 5388.0, 5412.0, 5352.0, 5539.0, 5622.0, 5318.0, 5373.0, 5430.0, 5522.0, 5391.0, 5281.0, 5653.0, 5560.0, 5711.0, 5298.0, 5333.0, 5448.0, 5328.0, 5264.0, 5597.0, 5693.0, 5596.0, 5508.0, 5438.0, 5305.0, 5383.0, 5678.0, 5504.0, 5450.0, 5436.0, 5549.0, 5494.0, 5535.0, 5703.0, 5251.0, 5277.0, 5523.0, 5314.0, 5470.0, 5364.0, 5360.0, 5548.0, 5292.0, 5332.0, 5354.0, 5322.0, 5695.0, 5705.0, 5457.0, 5531.0, 5313.0, 5716.0, 5684.0, 5512.0, 5515.0, 5398.0, 5571.0, 5661.0, 5481.0, 5570.0, 5467.0, 5585.0, 5646.0, 5343.0, 5665.0, 5400.0, 5572.0, 5491.0, 5659.0, 5276.0, 5636.0, 5532.0, 5397.0 (number of hits: 16)
22	5530.0	9	1.0	333	1	5266.0, 5657.0, 5571.0, 5258.0, 5507.0, 5717.0, 5399.0, 5435.0, 5691.0, 5368.0, 5308.0, 5623.0, 5515.0, 5608.0, 5412.0, 5390.0, 5324.0, 5294.0, 5469.0, 5484.0, 5614.0, 5317.0, 5595.0, 5369.0, 5377.0, 5583.0, 5702.0, 5436.0, 5597.0, 5624.0, 5610.0, 5429.0, 5592.0, 5611.0, 5582.0, 5363.0, 5600.0, 5350.0, 5373.0, 5414.0, 5566.0, 5532.0, 5533.0, 5689.0, 5546.0, 5630.0, 5685.0, 5502.0, 5415.0, 5325.0, 5658.0, 5545.0, 5411.0, 5419.0, 5464.0, 5518.0, 5705.0, 5292.0, 5257.0, 5552.0, 5503.0, 5480.0, 5304.0, 5302.0, 5541.0, 5332.0, 5476.0, 5387.0, 5615.0, 5434.0, 5334.0, 5256.0, 5572.0, 5268.0, 5366.0, 5574.0, 5343.0, 5389.0, 5479.0, 5570.0, 5431.0, 5295.0, 5673.0, 5272.0, 5345.0, 5652.0, 5527.0, 5410.0, 5300.0, 5466.0, 5639.0, 5723.0, 5253.0, 5700.0, 5470.0, 5309.0, 5281.0, 5452.0, 5651.0, 5473.0 (number of hits: 13)
23	5530.0	9	1.0	333	1	5447.0, 5466.0, 5370.0, 5504.0, 5315.0, 5587.0, 5423.0, 5624.0, 5555.0, 5358.0, 5439.0, 5683.0, 5498.0, 5645.0, 5496.0, 5322.0, 5492.0, 5510.0, 5582.0, 5526.0, 5475.0, 5518.0, 5378.0, 5520.0, 5581.0, 5279.0, 5560.0, 5607.0, 5258.0, 5658.0, 5255.0, 5594.0, 5251.0, 5632.0, 5440.0, 5325.0, 5445.0, 5346.0, 5457.0, 5359.0, 5488.0, 5433.0, 5281.0, 5278.0, 5262.0, 5661.0, 5464.0, 5599.0, 5309.0, 5647.0, 5342.0, 5454.0, 5287.0, 5650.0, 5465.0, 5534.0, 5286.0, 5254.0, 5646.0, 5694.0, 5387.0, 5572.0, 5623.0, 5462.0, 5486.0, 5366.0, 5544.0, 5282.0, 5583.0, 5476.0, 5453.0, 5613.0, 5362.0, 5455.0, 5641.0, 5697.0, 5450.0, 5410.0, 5578.0, 5531.0, 5686.0, 5621.0, 5320.0, 5435.0, 5470.0, 5698.0, 5596.0, 5458.0, 5563.0, 5706.0, 5353.0, 5708.0, 5703.0, 5271.0, 5506.0, 5494.0, 5704.0, 5712.0, 5428.0, 5627.0 (number of hits: 16)

24	5530.0	9	1.0	333	1	5401.0, 5536.0, 5576.0, 5279.0, 5722.0, 5666.0, 5573.0, 5272.0, 5484.0, 5709.0, 5710.0, 5342.0, 5273.0, 5598.0, 5262.0, 5611.0, 5607.0, 5457.0, 5580.0, 5498.0, 5675.0, 5603.0, 5705.0, 5292.0, 5680.0, 5626.0, 5568.0, 5699.0, 5509.0, 5284.0, 5651.0, 5518.0, 5534.0, 5411.0, 5679.0, 5358.0, 5592.0, 5365.0, 5347.0, 5685.0, 5579.0, 5302.0, 5296.0, 5295.0, 5604.0, 5251.0, 5588.0, 5684.0, 5253.0, 5702.0, 5683.0, 5348.0, 5418.0, 5667.0, 5507.0, 5502.0, 5591.0, 5608.0, 5543.0, 5497.0, 5361.0, 5362.0, 5662.0, 5306.0, 5529.0, 5480.0, 5510.0, 5308.0, 5448.0, 5643.0, 5429.0, 5396.0, 5369.0, 5560.0, 5632.0, 5596.0, 5625.0, 5414.0, 5430.0, 5264.0, 5380.0, 5309.0, 5383.0, 5256.0, 5424.0, 5619.0, 5721.0, 5695.0, 5556.0, 5713.0, 5692.0, 5434.0, 5519.0, 5503.0, 5437.0, 5550.0, 5673.0, 5307.0, 5297.0, 5506.0 (number of hits: 17)
25	5530.0	9	1.0	333	1	5704.0, 5663.0, 5469.0, 5600.0, 5433.0, 5312.0, 5681.0, 5323.0, 5274.0, 5495.0, 5653.0, 5515.0, 5636.0, 5513.0, 5472.0, 5589.0, 5659.0, 5627.0, 5414.0, 5687.0, 5434.0, 5655.0, 5362.0, 5334.0, 5294.0, 5694.0, 5345.0, 5717.0, 5466.0, 5618.0, 5696.0, 5482.0, 5716.0, 5426.0, 5445.0, 5339.0, 5364.0, 5395.0, 5480.0, 5523.0, 5532.0, 5487.0, 5263.0, 5470.0, 5520.0, 5406.0, 5558.0, 5531.0, 5485.0, 5702.0, 5458.0, 5273.0, 5599.0, 5611.0, 5721.0, 5444.0, 5346.0, 5304.0, 5418.0, 5367.0, 5559.0, 5281.0, 5649.0, 5560.0, 5722.0, 5582.0, 5526.0, 5703.0, 5265.0, 5319.0, 5400.0, 5457.0, 5287.0, 5449.0, 5491.0, 5452.0, 5563.0, 5412.0, 5538.0, 5381.0, 5333.0, 5635.0, 5710.0, 5662.0, 5678.0, 5283.0, 5606.0, 5549.0, 5379.0, 5351.0, 5602.0, 5372.0, 5493.0, 5620.0, 5453.0, 5448.0, 5609.0, 5661.0, 5634.0, 5427.0 (number of hits: 15)
26	5530.0	9	1.0	333	1	5267.0, 5486.0, 5436.0, 5702.0, 5464.0, 5468.0, 5250.0, 5573.0, 5570.0, 5517.0, 5255.0, 5635.0, 5714.0, 5654.0, 5626.0, 5339.0, 5602.0, 5656.0, 5588.0, 5345.0, 5512.0, 5344.0, 5646.0, 5352.0, 5520.0, 5489.0, 5522.0, 5261.0, 5673.0, 5392.0, 5335.0, 5705.0, 5372.0, 5266.0, 5661.0, 5637.0, 5672.0, 5332.0, 5334.0, 5378.0, 5350.0, 5317.0, 5634.0, 5313.0, 5677.0, 5653.0, 5658.0, 5346.0, 5559.0, 5532.0, 5256.0, 5259.0, 5409.0, 5603.0, 5426.0, 5566.0, 5424.0, 5253.0, 5641.0, 5490.0, 5562.0, 5548.0, 5683.0, 5270.0, 5712.0, 5363.0, 5604.0, 5701.0, 5675.0, 5283.0, 5462.0, 5638.0, 5499.0, 5578.0, 5695.0, 5710.0, 5425.0, 5663.0, 5686.0, 5511.0, 5655.0, 5526.0, 5297.0, 5388.0, 5432.0, 5475.0, 5448.0, 5615.0, 5286.0, 5541.0, 5311.0, 5693.0, 5457.0, 5443.0, 5623.0, 5480.0, 5667.0, 5292.0, 5385.0, 5321.0 (number of hits: 13)
27	5530.0	9	1.0	333	1	5432.0, 5604.0, 5279.0, 5608.0, 5436.0, 5435.0, 5622.0, 5601.0, 5600.0, 5663.0, 5400.0, 5662.0, 5538.0, 5555.0, 5599.0, 5613.0, 5445.0, 5468.0, 5285.0, 5356.0, 5386.0, 5373.0, 5252.0, 5722.0, 5354.0, 5364.0, 5395.0, 5385.0, 5481.0, 5282.0, 5573.0, 5652.0, 5510.0, 5678.0, 5714.0, 5258.0, 5460.0, 5306.0, 5660.0, 5516.0, 5553.0, 5389.0, 5535.0, 5486.0, 5539.0, 5307.0, 5610.0, 5450.0, 5680.0, 5334.0, 5492.0, 5609.0, 5478.0, 5324.0, 5315.0, 5627.0, 5505.0, 5543.0, 5417.0, 5483.0, 5266.0, 5619.0, 5339.0, 5668.0, 5254.0, 5710.0, 5630.0, 5304.0, 5579.0, 5332.0, 5384.0, 5494.0, 5721.0, 5272.0, 5497.0, 5456.0, 5487.0, 5407.0, 5529.0, 5689.0, 5655.0, 5594.0, 5313.0, 5634.0, 5378.0, 5518.0, 5319.0, 5636.0, 5691.0, 5464.0, 5455.0, 5255.0, 5423.0, 5575.0, 5394.0, 5698.0, 5303.0, 5281.0, 5392.0, 5651.0 (number of hits: 14)
28	5530.0	9	1.0	333	1	5633.0, 5315.0, 5457.0, 5542.0, 5543.0, 5630.0, 5405.0, 5571.0, 5601.0, 5428.0, 5384.0, 5321.0, 5396.0, 5699.0, 5584.0, 5304.0, 5698.0, 5628.0, 5594.0, 5291.0, 5412.0, 5519.0, 5325.0, 5420.0, 5556.0, 5322.0, 5429.0, 5465.0, 5397.0, 5658.0, 5423.0, 5522.0, 5579.0, 5529.0, 5441.0, 5288.0, 5537.0, 5449.0, 5314.0, 5486.0, 5538.0, 5439.0, 5381.0, 5313.0, 5669.0, 5407.0, 5336.0, 5290.0, 5502.0, 5293.0, 5355.0, 5661.0, 5408.0, 5662.0, 5329.0, 5693.0, 5413.0, 5305.0, 5400.0, 5647.0, 5386.0, 5480.0, 5294.0, 5598.0, 5690.0, 5448.0, 5414.0, 5453.0, 5567.0, 5664.0, 5345.0, 5324.0,

						5398.0, 5446.0, 5718.0, 5532.0, 5319.0, 5505.0, 5640.0, 5638.0, 5596.0, 5471.0, 5417.0, 5450.0, 5580.0, 5310.0, 5591.0, 5569.0, 5346.0, 5621.0, 5451.0, 5281.0, 5547.0, 5589.0, 5637.0, 5300.0, 5477.0, 5483.0, 5494.0, 5437.0 (number of hits: 14 )
29	5530.0	9	1.0	333	1	5680.0, 5569.0, 5556.0, 5690.0, 5523.0, 5449.0, 5499.0, 5713.0, 5451.0, 5601.0, 5378.0, 5608.0, 5619.0, 5446.0, 5447.0, 5286.0, 5594.0, 5348.0, 5413.0, 5698.0, 5639.0, 5717.0, 5562.0, 5599.0, 5552.0, 5600.0, 5622.0, 5477.0, 5650.0, 5699.0, 5371.0, 5387.0, 5311.0, 5588.0, 5481.0, 5703.0, 5518.0, 5486.0, 5560.0, 5706.0, 5392.0, 5584.0, 5691.0, 5686.0, 5510.0, 5381.0, 5575.0, 5330.0, 5323.0, 5624.0, 5370.0, 5465.0, 5440.0, 5516.0, 5498.0, 5472.0, 5632.0, 5568.0, 5411.0, 5615.0, 5541.0, 5576.0, 5524.0, 5328.0, 5408.0, 5412.0, 5393.0, 5664.0, 5264.0, 5480.0, 5582.0, 5340.0, 5401.0, 5317.0, 5418.0, 5362.0, 5673.0, 5470.0, 5430.0, 5667.0, 5469.0, 5655.0, 5607.0, 5407.0, 5704.0, 5636.0, 5253.0, 5285.0, 5479.0, 5537.0, 5642.0, 5297.0, 5345.0, 5612.0, 5351.0, 5339.0, 5434.0, 5396.0, 5722.0, 5674.0 (number of hits: 13 )
30	5530.0	9	1.0	333	1	5382.0, 5339.0, 5582.0, 5313.0, 5465.0, 5680.0, 5592.0, 5515.0, 5481.0, 5694.0, 5505.0, 5298.0, 5489.0, 5721.0, 5327.0, 5261.0, 5284.0, 5346.0, 5427.0, 5375.0, 5268.0, 5685.0, 5353.0, 5618.0, 5434.0, 5252.0, 5522.0, 5549.0, 5632.0, 5590.0, 5593.0, 5518.0, 5687.0, 5542.0, 5653.0, 5494.0, 5556.0, 5437.0, 5253.0, 5466.0, 5540.0, 5444.0, 5337.0, 5371.0, 5712.0, 5440.0, 5308.0, 5558.0, 5291.0, 5460.0, 5451.0, 5430.0, 5471.0, 5445.0, 5415.0, 5367.0, 5503.0, 5409.0, 5579.0, 5595.0, 5270.0, 5297.0, 5448.0, 5571.0, 5324.0, 5539.0, 5359.0, 5561.0, 5655.0, 5570.0, 5574.0, 5666.0, 5314.0, 5484.0, 5700.0, 5459.0, 5292.0, 5376.0, 5432.0, 5384.0, 5608.0, 5577.0, 5360.0, 5662.0, 5488.0, 5299.0, 5336.0, 5305.0, 5477.0, 5553.0, 5331.0, 5499.0, 5410.0, 5529.0, 5401.0, 5254.0, 5718.0, 5485.0, 5631.0, 5547.0 (number of hits: 17 )

**P2P Mode  
Pine Radio****5570 MHz, 160 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	96.7 %	60%	Pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	86.7 %	60%	Pass
<b>Type 4</b>	30	93.3 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	94.2 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5650 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	78	1.0	678	1
2	95	1.0	558	0
3	63	1.0	838	1
4	65	1.0	818	1
5	18	1.0	3066	1
6	102	1.0	518	1
7	76	1.0	698	1
8	67	1.0	798	1
9	68	1.0	778	1
10	81	1.0	658	1
11	86	1.0	618	1
12	83	1.0	638	1
13	70	1.0	758	1
14	58	1.0	918	1
15	59	1.0	898	1
16	33	1.0	1631	1
17	69	1.0	766	1
18	56	1.0	951	1
19	43	1.0	1252	1
20	54	1.0	984	1
21	31	1.0	1729	1
22	32	1.0	1673	1
23	23	1.0	2331	1
24	58	1.0	919	1
25	35	1.0	1547	1
26	59	1.0	906	1
27	18	1.0	3059	1
28	39	1.0	1379	1
29	63	1.0	842	1
30	52	1.0	1016	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>				



**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5650 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	28	1.0	200	1
2	23	4.1	180	1
3	25	4.9	213	1
4	23	1.1	219	1
5	28	2.8	186	1
6	23	4.8	201	1
7	24	1.7	192	1
8	28	4.1	176	1
9	26	4.3	170	1
10	25	4.3	178	1
11	28	1.2	207	1
12	23	1.0	170	1
13	26	2.5	230	1
14	23	1.1	226	1
15	23	3.2	209	1
16	23	2.0	191	1
17	26	1.3	210	1
18	25	2.1	230	1
19	26	2.1	187	1
20	25	1.5	200	1
21	28	1.9	228	1
22	26	3.6	212	1
23	27	4.3	161	1
24	29	1.5	207	1
25	27	2.3	219	1
26	29	1.9	221	1
27	24	4.4	176	1
28	23	2.4	201	1
29	25	1.2	183	1
30	29	1.5	228	1
<b>Detection Percentage: 100 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5650 MHz.

Trial #	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	18	8.8	210	1
2	17	7.3	293	1
3	17	9.2	344	1
4	16	9.4	234	1
5	17	9.2	440	1
6	16	10.0	336	1
7	16	9.9	273	1
8	17	9.0	378	1
9	17	9.7	479	1
10	17	7.3	231	1
11	18	7.1	340	0
12	18	9.5	412	0
13	18	6.8	379	0
14	18	6.6	407	1
15	16	7.3	378	1
16	17	7.7	475	1
17	16	7.7	474	1
18	16	8.4	467	1
19	18	8.4	269	0
20	18	9.0	372	1
21	17	8.9	376	1
22	17	7.3	491	1
23	18	6.7	230	1
24	17	8.4	488	1
25	18	7.4	432	1
26	18	9.6	451	1
27	17	7.8	302	1
28	16	8.8	384	1
29	17	6.3	306	1
30	16	6.9	351	1
<b>Detection Percentage: 86.7 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5650 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	13	11.8	347	1
2	16	17.7	254	1
3	14	19.0	363	1
4	15	14.5	497	1
5	13	14.8	207	1
6	16	11.7	323	1
7	12	18.1	465	1
8	14	14.6	292	1
9	12	18.2	490	1
10	13	13.9	253	1
11	15	13.6	254	1
12	13	13.4	209	1
13	12	11.2	444	1
14	16	11.4	494	1
15	12	13.9	351	1
16	15	13.5	429	1
17	13	14.0	382	0
18	12	14.6	476	1
19	12	16.9	401	1
20	16	15.8	239	1
21	14	11.4	339	1
22	13	19.6	222	0
23	12	18.3	482	1
24	15	17.8	394	1
25	12	19.3	203	1
26	13	19.5	233	1
27	14	15.7	444	1
28	14	17.8	370	1
29	12	16.6	410	1
30	15	16.6	353	1
<b>Detection Percentage: 93.3 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5570	1
2	5570	1
3	5570	1
4	5570	1
5	5570	1
6	5570	1
7	5570	1
8	5570	1
9	5570	1
10	5570	1
11	5498.4	1
12	5502.0	1
13	5499.6	1
14	5498.4	1
15	5502.4	1
16	5499.6	1
17	5498.8	1
18	5502.8	1
19	5502.0	1
20	5503.2	1
21	5638.4	1
22	5636.8	1
23	5639.6	1
24	5639.2	1
25	5637.6	1
26	5637.6	1
27	5638.4	1
28	5641.2	1
29	5639.2	1
30	5639.2	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	68.7	1583	1269	0.284813	1
1	3	11	50.7	1218	1584	2.413840	
2	1	11	55.0			2.913732	
3	2	11	81.4	1581		4.749169	
4	3	11	59.7	1971	1029	5.367205	
5	2	11	53.6	1457		6.825238	
6	1	11	51.3			8.238437	
7	3	11	65.8	1692	1275	9.506781	
8	3	11	92.2	1138	1832	10.703343	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	85.3	1781		0.064097	1
1	3	6	55.2	1592	1246	1.884570	
2	3	6	64.5	1254	1316	2.842769	
3	3	6	81.1	1036	1636	4.205541	
4	2	6	91.8	1161		5.675300	
5	3	6	52.0	1086	1503	6.869129	
6	2	6	74.2	1351		7.579597	
7	1	6	67.3			8.784056	
8	2	6	67.0	1016		10.743289	
9	2	6	56.0	1778		11.607030	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	54.3	1868		0.655832	1
1	3	15	64.8	1727	1803	1.146244	
2	3	15	63.1	1035	1298	1.971928	
3	2	15	71.7	1815		2.541304	
4	1	15	84.8			3.699764	
5	2	15	65.1	1868		3.894544	
6	2	15	94.2	1239		4.855306	
7	3	15	76.4	1180	1395	5.873674	
8	2	15	85.3	1086		6.253203	
9	2	15	71.8	1749		7.487520	
10	2	15	66.3	1713		8.074136	
11	3	15	55.2	1572	1212	8.396541	
12	1	15	64.9			9.123393	
13	2	15	91.4	1371		10.481419	
14	2	15	50.1	1397		10.531248	
15	1	15	81.8			11.924110	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	97.3			0.627913	1
1	2	11	64.6	1351		1.399342	
2	2	11	92.3	1419		2.069623	
3	1	11	60.0			2.636824	
4	1	11	77.8			3.749270	
5	2	11	80.1	1587		4.116343	
6	1	11	77.0			5.499972	
7	2	11	98.4	1419		6.193558	
8	3	11	60.0	1817	1788	6.612671	
9	2	11	80.7	1350		7.442830	
10	1	11	96.0			8.555256	
11	1	11	91.2			9.196137	
12	3	11	55.3	1076	1785	10.138157	
13	3	11	64.8	1799	1759	10.511757	
14	2	11	85.9	1071		11.615252	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	81.7			0.720593	1
1	3	8	85.2	1018	1981	1.157283	
2	1	8	76.2			2.169324	
3	2	8	80.9	1465		2.724835	
4	3	8	89.6	1904	1189	3.285847	
5	1	8	76.1			4.414681	
6	3	8	66.0	1694	1599	4.898913	
7	3	8	71.7	1284	1132	5.913915	
8	1	8	90.0			6.689151	
9	2	8	99.7	1884		7.337756	
10	3	8	52.3	1646	1967	8.211160	
11	2	8	92.9	1115		8.564442	
12	2	8	95.1	1851		9.379369	
13	2	8	59.1	1855		10.012104	
14	2	8	59.0	1818		10.999097	
15	2	8	95.0	1721		11.535855	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	62.1	1652	1663	0.103940	1
1	2	16	67.8	1683		1.682771	
2	1	16	82.9			2.398710	
3	2	16	86.1	1174		2.933296	
4	2	16	65.3	1288		4.081698	
5	1	16	80.8			4.743418	
6	2	16	85.7	1316		5.850573	
7	2	16	92.5	1765		6.794060	
8	3	16	82.8	1566	1711	7.588752	
9	3	16	57.2	1322	1224	7.785187	
10	2	16	89.3	1321		8.739795	
11	1	16	70.2			9.789075	
12	1	16	81.3			10.477827	
13	2	16	93.3	1850		11.561170	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	50.5	1849		0.532658	1
1	2	12	91.1	1588		1.105334	
2	2	12	50.7	1620		1.342547	
3	2	12	56.6	1316		2.295299	
4	2	12	93.4	1170		2.964066	
5	2	12	77.6	1603		3.196835	
6	2	12	97.3	1169		3.902077	
7	1	12	51.7			4.205857	
8	2	12	88.3	1269		4.985552	
9	2	12	85.8	1717		5.871770	
10	1	12	95.0			6.015505	
11	1	12	50.9			7.069053	
12	2	12	69.4	1836		7.330458	
13	2	12	67.8	1569		7.843626	
14	2	12	56.0	1177		8.644270	
15	2	12	78.8	1689		9.006744	
16	3	12	86.3	1081	1608	9.615736	
17	2	12	50.1	1866		10.622284	
18	3	12	93.9	1610	1533	11.090353	
19	3	12	96.1	1095	1019	11.435485	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	93.1	1338		0.533440	1
1	2	15	77.2	1142		1.385284	
2	3	15	96.5	1205	1294	3.822769	
3	3	15	92.5	1367	1664	4.758464	
4	2	15	85.1	1075		6.420140	
5	3	15	56.0	1077	1272	7.445501	
6	1	15	89.0			8.829065	
7	3	15	78.3	1958	1194	10.443016	
8	3	15	98.5	1092	1731	11.785465	



## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	76.0			0.739961	1
1	2	16	53.5	1901		1.045033	
2	2	16	76.1	1877		2.105112	
3	3	16	78.8	1025	1598	2.635054	
4	2	16	54.5	1230		3.453477	
5	1	16	84.2			4.301893	
6	3	16	71.7	1034	1153	5.250489	
7	1	16	59.6			6.336864	
8	2	16	90.9	1811		6.958514	
9	3	16	91.7	1173	1645	8.068669	
10	1	16	50.6			8.677018	
11	2	16	65.0	1616		9.665635	
12	2	16	76.0	1325		10.859811	
13	3	16	71.0	1254	1190	11.251726	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	73.4	1342		0.179254	1
1	3	13	79.9	1843	1046	1.934889	
2	1	13	55.9			2.634734	
3	3	13	52.5	1567	1668	4.674905	
4	1	13	78.8			5.842622	
5	1	13	92.7			6.869516	
6	2	13	56.2	1351		7.498530	
7	2	13	78.2	1675		8.458832	
8	2	13	61.7	1553		10.342572	
9	2	13	98.6	1723		11.278221	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	77.0			0.326903	1
1	2	6	85.8	1432		1.174734	
2	3	6	99.3	1380	1200	2.036456	
3	1	6	56.5			2.548744	
4	3	6	84.6	1738	1056	3.609253	
5	3	6	52.0	1138	1242	4.291074	
6	2	6	86.7	1847		5.029008	
7	3	6	64.7	1671	1898	5.655905	
8	1	6	79.1			6.429011	
9	2	6	97.2	1687		7.129316	
10	3	6	69.2	1286	1431	7.535228	
11	2	6	94.6	1296		8.835458	
12	3	6	78.5	1023	1133	9.595054	
13	3	6	67.4	1176	1021	9.790559	
14	2	6	88.8	1010		11.040559	
15	2	6	83.4	1983		11.470406	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	76.1			0.725900	1
1	2	15	94.9	1841		1.903884	
2	3	15	93.2	1352	1494	2.613336	
3	2	15	60.5	1215		3.819079	
4	2	15	80.5	1344		5.185726	
5	2	15	78.3	1513		6.229900	
6	2	15	76.3	1484		7.520038	
7	2	15	98.8	1314		7.719296	
8	2	15	80.6	1622		8.749505	
9	2	15	54.0	1788		10.587025	
10	2	15	74.9	1822		11.007181	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	75.7			0.469911	1
1	1	9	84.9			0.923773	
2	1	9	57.0			1.612129	
3	3	9	80.4	1874	1625	2.305521	
4	1	9	98.4			3.609818	
5	3	9	88.0	1665	1856	4.254145	
6	2	9	82.4	1687		5.158780	
7	2	9	70.6	1835		5.465436	
8	1	9	73.5			6.508559	
9	2	9	77.7	1725		7.190108	
10	2	9	77.6	1811		8.160632	
11	1	9	64.4			8.992943	
12	2	9	69.7	1088		9.466609	
13	2	9	69.4	1550		10.111020	
14	1	9	75.8			11.177129	
15	2	9	75.4	1770		11.968467	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	50.5	1223		0.270503	1
1	2	6	65.5	1592		1.576691	
2	2	6	55.6	1287		2.477427	
3	2	6	53.2	1171		3.983926	
4	3	6	67.6	1960	1561	4.542009	
5	2	6	57.3	1803		5.919638	
6	1	6	86.4			6.473556	
7	1	6	51.2			7.692615	
8	2	6	98.0	1257		8.305472	
9	3	6	62.9	1322	1731	9.045838	
10	2	6	72.1	1546		10.620075	
11	3	6	74.2	1868	1913	11.556770	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	82.6	1281		0.196239	1
1	1	16	77.0			1.150793	
2	2	16	98.0	1015		1.995972	
3	3	16	58.7	1280	1983	2.521910	
4	2	16	61.6	1465		3.589010	
5	2	16	63.2	1060		4.739474	
6	2	16	71.2	1415		4.894093	
7	2	16	99.7	1355		6.132556	
8	2	16	69.8	1226		7.033618	
9	1	16	93.8			7.966618	
10	3	16	85.8	1210	1088	8.037208	
11	3	16	62.7	1670	1695	8.973057	
12	2	16	94.3	1562		10.151803	
13	3	16	82.9	1822	1554	11.113976	
14	2	16	51.5	1635		11.582938	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	87.5	1297	1407	0.384324	1
1	2	9	60.9	1272		1.591699	
2	1	9	95.5			2.160773	
3	3	9	67.5	1520	1192	2.900354	
4	3	9	56.5	1042	1640	3.577242	
5	1	9	68.3			4.184308	
6	3	9	95.9	1139	1593	5.395474	
7	2	9	88.5	1587		6.276260	
8	2	9	61.6	1172		7.040250	
9	2	9	78.0	1720		7.783642	
10	2	9	66.5	1323		8.185205	
11	2	9	87.6	1173		9.591190	
12	2	9	66.7	1041		9.629159	
13	1	9	76.4			11.093867	
14	1	9	79.8			11.288066	

## Bin5 Statistics 17

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	2	7	58.1	1743		0.716607	1
1	1	7	57.7			2.308273	
2	3	7	65.9	1083	1698	2.788619	
3	3	7	64.5	1666	1418	4.319661	
4	1	7	63.6			5.726431	
5	3	7	82.1	1363	1319	7.610662	
6	3	7	81.5	1045	1893	9.235733	
7	3	7	56.4	1731	1768	9.869075	
8	2	7	96.8	1662		11.030792	

## Bin5 Statistics 18

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	1	17	97.1			0.238951	1
1	2	17	50.7	1348		1.877719	
2	1	17	67.2			2.903035	
3	2	17	54.1	1259		4.832238	
4	2	17	69.0	1494		5.410571	
5	2	17	52.7	1226		6.743355	
6	2	17	75.8	1763		8.641924	
7	3	17	84.0	1297	1576	9.424509	
8	2	17	96.5	1169		10.744968	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	93.4	1145		0.128830	1
1	2	15	85.8	1102		1.372042	
2	2	15	50.7	1147		2.564348	
3	2	15	63.5	1032		3.908010	
4	3	15	58.7	1962	1531	4.632679	
5	3	15	77.5	1406	1555	5.973192	
6	3	15	57.9	1653	1477	7.627424	
7	3	15	64.1	1637	1358	7.796053	
8	2	15	67.5	1620		8.733281	
9	2	15	55.1	1308		10.247747	
10	2	15	69.0	1789		11.368187	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	87.8	1828		0.312411	1
1	2	18	93.7	1784		1.119576	
2	2	18	58.5	1911		2.337373	
3	2	18	59.6	1207		2.917723	
4	2	18	96.9	1880		3.901953	
5	1	18	54.6			5.069097	
6	1	18	67.8			5.891694	
7	3	18	83.4	1809	1812	6.180031	
8	3	18	76.0	1575	1251	7.548107	
9	2	18	53.4	1222		8.261553	
10	3	18	63.9	1474	1366	8.892669	
11	1	18	65.5			9.705121	
12	2	18	70.9	1073		10.513979	
13	3	18	96.5	1593	1645	11.404101	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	65.5	1690		0.491784	1
1	3	14	96.6	1909	1290	1.914119	
2	2	14	90.0	1011		3.506265	
3	3	14	74.7	1420	1204	3.650521	
4	1	14	94.6			4.910419	
5	2	14	98.1	1904		7.076515	
6	1	14	80.8			7.434453	
7	2	14	63.3	1568		9.427425	
8	1	14	71.0			9.734002	
9	1	14	65.4			11.005294	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	62.7	1623	1682	0.274714	1
1	2	18	58.0	1874		1.217977	
2	2	18	64.6	1536		1.931987	
3	3	18	80.5	1540	1758	2.430278	
4	3	18	87.1	1094	1139	3.474658	
5	2	18	63.2	1880		3.867935	
6	2	18	67.6	1668		4.709858	
7	3	18	68.8	1475	1859	5.359600	
8	2	18	90.6	1157		5.993357	
9	2	18	58.4	1606		6.370738	
10	3	18	63.0	1158	1823	7.695521	
11	2	18	83.6	1182		8.230336	
12	3	18	68.9	1317	1622	9.028338	
13	3	18	62.0	1214	1458	9.844328	
14	2	18	97.9	1474		10.540665	
15	1	18	61.1			10.704283	
16	1	18	57.6			11.485280	



## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	64.0	1792	1940	0.616522	1
1	1	11	98.6			0.986400	
2	1	11	57.4			1.618906	
3	2	11	98.4	1806		2.375709	
4	3	11	97.6	1943	1492	2.621915	
5	2	11	51.6	1470		3.334450	
6	2	11	75.1	1187		4.056773	
7	3	11	71.6	1493	1767	4.579365	
8	2	11	94.4	1882		5.462161	
9	1	11	94.2			5.754643	
10	1	11	87.2			6.544050	
11	3	11	53.7	1082	1267	6.997354	
12	2	11	78.1	1789		7.898489	
13	1	11	61.7			8.382116	
14	2	11	54.6	1275		9.438367	
15	1	11	54.0			9.580757	
16	2	11	60.0	1544		10.250444	
17	1	11	78.7			11.011016	
18	2	11	70.3	1776		11.937430	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	67.4			0.713259	1
1	1	12	68.6			1.786577	
2	1	12	87.0			2.313079	
3	1	12	97.6			3.984132	
4	1	12	67.4			4.045552	
5	1	12	66.9			5.325261	
6	1	12	95.5			6.598650	
7	3	12	94.0	1006	1418	7.373657	
8	1	12	71.2			8.918741	
9	1	12	68.1			9.859578	
10	1	12	66.0			10.797918	
11	3	12	89.9	1529	1541	11.290741	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	98.5	1998		0.692399	1
1	3	16	61.6	1715	1945	1.178272	
2	2	16	54.1	1564		2.084176	
3	1	16	74.4			3.095586	
4	2	16	50.7	1842		3.897949	
5	2	16	70.7	1299		4.054288	
6	3	16	59.4	1684	1853	5.310689	
7	1	16	96.5			6.376254	
8	1	16	55.4			6.953545	
9	3	16	62.8	1990	1978	7.207852	
10	1	16	63.8			8.796768	
11	1	16	88.1			9.137880	
12	2	16	88.5	1624		9.729665	
13	2	16	71.7	1624		10.639106	
14	2	16	74.9	1949		11.532855	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	88.8	1978	1335	0.926979	1
1	1	16	51.7			1.845407	
2	2	16	82.5	1442		3.101351	
3	2	16	89.9	1296		4.519558	
4	1	16	88.5			5.125628	
5	2	16	55.8	1199		6.324839	
6	2	16	83.8	1699		7.222080	
7	2	16	95.3	1435		9.546467	
8	1	16	75.7			9.618745	
9	2	16	51.1	1335		11.637698	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	95.8	1589		0.533892	1
1	2	14	99.3	1706		1.204421	
2	3	14	52.4	1639	1870	1.831517	
3	3	14	66.8	1074	1088	2.293118	
4	3	14	59.1	1635	1859	3.354089	
5	3	14	86.0	1362	1680	3.819606	
6	2	14	88.0	1574		4.645062	
7	3	14	99.8	1419	1332	5.008829	
8	1	14	70.8			6.203203	
9	3	14	72.7	1091	1322	6.962669	
10	1	14	87.4			7.326834	
11	2	14	71.6	1624		8.460054	
12	2	14	83.8	1537		8.688732	
13	1	14	66.6			9.801582	
14	1	14	52.1			10.406647	
15	2	14	91.8	1214		10.653563	
16	2	14	88.1	1890		11.342997	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	69.1	1015		0.082517	1
1	1	7	98.6			1.335495	
2	2	7	83.0	1553		2.378731	
3	2	7	97.5	1073		3.046073	
4	2	7	84.1	1057		4.871834	
5	1	7	89.8			5.069916	
6	2	7	87.8	1248		6.059024	
7	2	7	57.1	1044		7.699494	
8	2	7	79.7	1848		8.211439	
9	1	7	59.3			9.113725	
10	3	7	78.1	1573	1776	10.039759	
11	3	7	95.1	1631	1639	11.557623	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	63.4	1666	1324	0.417456	1
1	2	12	54.2	1406		1.326699	
2	2	12	99.7	1422		2.236029	
3	3	12	71.2	1937	1247	2.642247	
4	3	12	89.4	1410	1771	3.518616	
5	3	12	57.4	1506	1832	4.763186	
6	2	12	58.7	1236		5.404173	
7	3	12	77.8	1786	1924	5.875186	
8	1	12	54.5			6.815271	
9	2	12	84.2	1634		7.446586	
10	3	12	98.4	1671	1023	8.406065	
11	1	12	62.3			8.855463	
12	3	12	60.5	1397	1965	9.776109	
13	3	12	76.6	1385	1199	11.178443	
14	2	12	68.6	1876		11.604835	

## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	67.6	1777	1726	0.304632	1
1	3	12	89.5	1237	1330	1.277627	
2	2	12	72.8	1413		1.919706	
3	2	12	57.6	1371		3.572844	
4	1	12	85.4			4.250614	
5	2	12	62.3	1921		4.865147	
6	1	12	56.4			6.029789	
7	2	12	70.4	1578		7.337612	
8	2	12	56.3	1199		7.784195	
9	3	12	81.3	1151	1958	8.918483	
10	1	12	78.2			9.653846	
11	2	12	81.9	1282		10.902166	
12	1	12	83.7			11.899171	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5570.0	9	1.0	333	1	5553.0, 5363.0, 5514.0, 5283.0, 5336.0, 5440.0, 5464.0, 5658.0, 5606.0, 5350.0, 5569.0, 5455.0, 5599.0, 5415.0, 5466.0, 5431.0, 5496.0, 5409.0, 5360.0, 5410.0, 5276.0, 5647.0, 5635.0, 5679.0, 5567.0, 5652.0, 5690.0, 5671.0, 5279.0, 5558.0, 5723.0, 5366.0, 5458.0, 5380.0, 5296.0, 5365.0, 5342.0, 5364.0, 5696.0, 5448.0, 5324.0, 5268.0, 5681.0, 5450.0, 5454.0, 5692.0, 5321.0, 5398.0, 5556.0, 5352.0, 5561.0, 5389.0, 5530.0, 5270.0, 5316.0, 5520.0, 5586.0, 5438.0, 5419.0, 5595.0, 5456.0, 5368.0, 5648.0, 5494.0, 5576.0, 5597.0, 5278.0, 5338.0, 5638.0, 5502.0, 5414.0, 5591.0, 5710.0, 5621.0, 5291.0, 5596.0, 5254.0, 5622.0, 5554.0, 5391.0, 5515.0, 5408.0, 5678.0, 5462.0, 5699.0, 5516.0, 5312.0, 5659.0, 5274.0, 5424.0, 5707.0, 5325.0, 5421.0, 5583.0, 5373.0, 5310.0, 5548.0, 5688.0, 5560.0, 5537.0 (number of hits: 19)
2	5570.0	9	1.0	333	1	5724.0, 5416.0, 5616.0, 5430.0, 5593.0, 5475.0, 5501.0, 5641.0, 5447.0, 5514.0, 5294.0, 5532.0, 5400.0, 5666.0, 5689.0, 5668.0, 5610.0, 5279.0, 5549.0, 5531.0, 5289.0, 5546.0, 5482.0, 5453.0, 5599.0, 5393.0, 5722.0, 5629.0, 5494.0, 5712.0, 5568.0, 5386.0, 5575.0, 5645.0, 5572.0, 5383.0, 5288.0, 5560.0, 5452.0, 5623.0, 5277.0, 5699.0, 5298.0, 5380.0, 5445.0, 5564.0, 5680.0, 5486.0, 5403.0, 5385.0, 5693.0, 5341.0, 5577.0, 5545.0, 5371.0, 5428.0, 5476.0, 5604.0, 5296.0, 5711.0, 5495.0, 5439.0, 5318.0, 5708.0, 5487.0, 5596.0, 5595.0, 5268.0, 5586.0, 5505.0, 5642.0, 5659.0, 5678.0, 5665.0, 5378.0, 5512.0, 5686.0, 5636.0, 5581.0, 5356.0, 5364.0, 5314.0, 5454.0, 5558.0, 5555.0, 5312.0, 5369.0, 5316.0, 5255.0, 5716.0, 5396.0, 5561.0, 5463.0, 5347.0, 5681.0, 5441.0, 5566.0, 5526.0, 5457.0, 5635.0 (number of hits: 21)
3	5570.0	9	1.0	333	1	5709.0, 5601.0, 5620.0, 5355.0, 5682.0, 5672.0, 5679.0, 5331.0, 5658.0, 5540.0, 5393.0, 5385.0, 5505.0, 5439.0, 5330.0, 5280.0, 5641.0, 5501.0, 5486.0, 5345.0, 5299.0, 5382.0, 5593.0, 5339.0, 5690.0, 5559.0, 5419.0, 5607.0, 5252.0, 5614.0, 5604.0, 5253.0, 5705.0, 5378.0, 5283.0, 5258.0, 5514.0, 5649.0, 5485.0, 5693.0, 5711.0, 5595.0, 5684.0, 5586.0, 5544.0, 5681.0, 5471.0, 5710.0, 5404.0, 5307.0, 5600.0, 5512.0, 5480.0, 5469.0, 5327.0, 5716.0, 5617.0, 5265.0, 5631.0, 5420.0, 5628.0, 5341.0, 5577.0, 5426.0, 5388.0, 5637.0, 5608.0, 5562.0, 5575.0, 5472.0, 5666.0, 5328.0, 5292.0, 5444.0, 5546.0, 5669.0, 5417.0, 5392.0, 5424.0, 5638.0, 5269.0, 5584.0, 5661.0, 5459.0, 5447.0, 5336.0, 5550.0, 5556.0, 5700.0, 5721.0, 5715.0, 5312.0, 5440.0, 5493.0, 5632.0, 5313.0, 5402.0, 5429.0, 5602.0, 5450.0 (number of hits: 18)
4	5570.0	9	1.0	333	1	5568.0, 5495.0, 5587.0, 5477.0, 5494.0, 5448.0, 5557.0, 5549.0, 5561.0, 5500.0, 5459.0, 5483.0, 5607.0, 5519.0, 5400.0, 5541.0, 5537.0, 5539.0, 5464.0, 5618.0, 5523.0, 5646.0, 5598.0, 5319.0, 5373.0, 5713.0, 5514.0, 5507.0, 5571.0, 5579.0, 5700.0, 5347.0, 5267.0, 5338.0, 5594.0, 5693.0, 5480.0, 5395.0, 5572.0, 5510.0, 5254.0, 5621.0, 5675.0, 5583.0, 5624.0, 5388.0, 5426.0, 5401.0, 5264.0, 5574.0, 5430.0, 5432.0, 5378.0, 5346.0, 5427.0, 5337.0, 5441.0, 5638.0, 5580.0, 5310.0, 5691.0, 5680.0, 5325.0, 5602.0, 5672.0, 5299.0, 5647.0, 5673.0, 5628.0, 5479.0, 5678.0, 5417.0, 5467.0, 5471.0, 5257.0, 5339.0, 5359.0, 5577.0, 5450.0, 5653.0, 5290.0, 5306.0, 5654.0, 5379.0, 5360.0, 5348.0, 5685.0, 5573.0, 5696.0, 5686.0, 5569.0, 5659.0, 5619.0, 5601.0, 5658.0, 5457.0, 5322.0, 5453.0, 5692.0, 5353.0 (number of hits: 22)
5	5570.0	9	1.0	333	1	5318.0, 5509.0, 5478.0, 5699.0, 5669.0, 5585.0, 5657.0, 5529.0, 5599.0, 5274.0, 5392.0, 5466.0, 5379.0, 5605.0, 5583.0, 5412.0, 5388.0, 5539.0, 5452.0, 5256.0, 5402.0, 5541.0, 5611.0, 5494.0,

						5393.0, 5443.0, 5281.0, 5407.0, 5613.0, 5448.0, 5447.0, 5462.0, 5710.0, 5449.0, 5456.0, 5598.0, 5639.0, 5344.0, 5712.0, 5648.0, 5361.0, 5351.0, 5308.0, 5389.0, 5271.0, 5709.0, 5546.0, 5534.0, 5424.0, 5651.0, 5634.0, 5492.0, 5410.0, 5457.0, 5588.0, 5337.0, 5513.0, 5553.0, 5646.0, 5673.0, 5446.0, 5653.0, 5503.0, 5633.0, 5578.0, 5636.0, 5356.0, 5690.0, 5440.0, 5502.0, 5405.0, 5325.0, 5556.0, 5507.0, 5451.0, 5342.0, 5664.0, 5421.0, 5696.0, 5629.0, 5367.0, 5306.0, 5538.0, 5355.0, 5370.0, 5559.0, 5533.0, 5348.0, 5704.0, 5644.0, 5642.0, 5251.0, 5547.0, 5681.0, 5483.0, 5313.0, 5365.0, 5691.0, 5600.0, 5302.0 (number of hits: 18)
6	5570.0	9	1.0	333	1	5457.0, 5321.0, 5479.0, 5639.0, 5263.0, 5487.0, 5290.0, 5721.0, 5373.0, 5337.0, 5413.0, 5609.0, 5312.0, 5496.0, 5279.0, 5449.0, 5626.0, 5680.0, 5425.0, 5368.0, 5710.0, 5550.0, 5488.0, 5551.0, 5698.0, 5612.0, 5429.0, 5627.0, 5467.0, 5716.0, 5712.0, 5358.0, 5313.0, 5477.0, 5540.0, 5361.0, 5454.0, 5363.0, 5685.0, 5367.0, 5578.0, 5581.0, 5252.0, 5278.0, 5335.0, 5691.0, 5375.0, 5409.0, 5700.0, 5556.0, 5722.0, 5343.0, 5505.0, 5543.0, 5306.0, 5545.0, 5484.0, 5401.0, 5655.0, 5503.0, 5284.0, 5430.0, 5500.0, 5327.0, 5421.0, 5571.0, 5277.0, 5516.0, 5696.0, 5491.0, 5569.0, 5440.0, 5638.0, 5381.0, 5370.0, 5664.0, 5269.0, 5513.0, 5424.0, 5724.0, 5434.0, 5522.0, 5301.0, 5416.0, 5285.0, 5604.0, 5411.0, 5570.0, 5448.0, 5305.0, 5658.0, 5447.0, 5334.0, 5606.0, 5625.0, 5387.0, 5648.0, 5383.0, 5636.0, 5377.0 (number of hits: 13)
7	5570.0	9	1.0	333	1	5282.0, 5502.0, 5555.0, 5596.0, 5597.0, 5330.0, 5303.0, 5347.0, 5483.0, 5425.0, 5633.0, 5458.0, 5558.0, 5636.0, 5389.0, 5304.0, 5516.0, 5557.0, 5321.0, 5505.0, 5341.0, 5626.0, 5257.0, 5624.0, 5560.0, 5586.0, 5647.0, 5621.0, 5497.0, 5666.0, 5388.0, 5572.0, 5386.0, 5455.0, 5721.0, 5500.0, 5639.0, 5437.0, 5677.0, 5671.0, 5528.0, 5632.0, 5352.0, 5260.0, 5545.0, 5442.0, 5273.0, 5607.0, 5252.0, 5601.0, 5448.0, 5640.0, 5718.0, 5460.0, 5485.0, 5618.0, 5333.0, 5625.0, 5487.0, 5682.0, 5446.0, 5270.0, 5300.0, 5464.0, 5512.0, 5694.0, 5395.0, 5301.0, 5419.0, 5526.0, 5473.0, 5365.0, 5713.0, 5546.0, 5589.0, 5368.0, 5651.0, 5387.0, 5349.0, 5712.0, 5499.0, 5407.0, 5678.0, 5686.0, 5641.0, 5569.0, 5559.0, 5501.0, 5261.0, 5280.0, 5551.0, 5296.0, 5445.0, 5565.0, 5286.0, 5616.0, 5334.0, 5536.0, 5351.0, 5692.0 (number of hits: 18)
8	5570.0	9	1.0	333	1	5374.0, 5579.0, 5708.0, 5307.0, 5255.0, 5445.0, 5638.0, 5389.0, 5386.0, 5588.0, 5329.0, 5680.0, 5560.0, 5262.0, 5336.0, 5692.0, 5550.0, 5566.0, 5328.0, 5532.0, 5654.0, 5258.0, 5502.0, 5636.0, 5641.0, 5642.0, 5301.0, 5545.0, 5665.0, 5648.0, 5662.0, 5375.0, 5273.0, 5651.0, 5345.0, 5402.0, 5548.0, 5686.0, 5310.0, 5411.0, 5497.0, 5261.0, 5312.0, 5569.0, 5589.0, 5559.0, 5693.0, 5646.0, 5395.0, 5659.0, 5606.0, 5644.0, 5365.0, 5292.0, 5712.0, 5447.0, 5623.0, 5521.0, 5283.0, 5265.0, 5507.0, 5285.0, 5420.0, 5335.0, 5298.0, 5299.0, 5467.0, 5436.0, 5535.0, 5408.0, 5429.0, 5698.0, 5381.0, 5608.0, 5294.0, 5697.0, 5410.0, 5438.0, 5417.0, 5522.0, 5655.0, 5442.0, 5572.0, 5524.0, 5290.0, 5295.0, 5540.0, 5554.0, 5490.0, 5338.0, 5364.0, 5596.0, 5673.0, 5514.0, 5288.0, 5428.0, 5602.0, 5376.0, 5539.0, 5404.0 (number of hits: 19)
9	5570.0	9	1.0	333	1	5535.0, 5670.0, 5540.0, 5386.0, 5271.0, 5387.0, 5688.0, 5556.0, 5586.0, 5397.0, 5640.0, 5532.0, 5470.0, 5559.0, 5344.0, 5319.0, 5551.0, 5582.0, 5420.0, 5520.0, 5429.0, 5652.0, 5372.0, 5721.0, 5308.0, 5585.0, 5444.0, 5466.0, 5304.0, 5696.0, 5541.0, 5655.0, 5706.0, 5715.0, 5469.0, 5303.0, 5405.0, 5643.0, 5587.0, 5371.0, 5718.0, 5663.0, 5658.0, 5267.0, 5546.0, 5334.0, 5447.0, 5641.0, 5656.0, 5637.0, 5623.0, 5261.0, 5320.0, 5536.0, 5262.0, 5317.0, 5421.0, 5501.0, 5276.0, 5365.0, 5458.0, 5298.0, 5528.0, 5484.0, 5677.0, 5375.0, 5454.0, 5277.0, 5499.0, 5340.0, 5359.0, 5431.0, 5631.0, 5350.0, 5411.0, 5472.0, 5474.0, 5332.0, 5648.0, 5301.0, 5389.0, 5669.0, 5512.0, 5379.0, 5479.0, 5422.0, 5347.0, 5464.0, 5707.0, 5712.0, 5682.0, 5694.0, 5305.0, 5353.0, 5309.0, 5516.0,

						5382.0, 5666.0, 5337.0, 5406.0 (number of hits: 13 )
10	5570.0	9	1.0	333	1	5475.0, 5505.0, 5437.0, 5362.0, 5560.0, 5460.0, 5326.0, 5364.0, 5454.0, 5383.0, 5422.0, 5522.0, 5365.0, 5253.0, 5298.0, 5535.0, 5524.0, 5540.0, 5574.0, 5296.0, 5527.0, 5310.0, 5610.0, 5381.0, 5658.0, 5598.0, 5436.0, 5279.0, 5585.0, 5576.0, 5520.0, 5559.0, 5491.0, 5603.0, 5478.0, 5352.0, 5307.0, 5355.0, 5587.0, 5656.0, 5481.0, 5681.0, 5299.0, 5507.0, 5369.0, 5394.0, 5363.0, 5447.0, 5257.0, 5646.0, 5582.0, 5713.0, 5609.0, 5687.0, 5622.0, 5493.0, 5539.0, 5545.0, 5427.0, 5720.0, 5612.0, 5521.0, 5321.0, 5528.0, 5650.0, 5676.0, 5366.0, 5581.0, 5627.0, 5674.0, 5672.0, 5496.0, 5435.0, 5498.0, 5541.0, 5556.0, 5583.0, 5544.0, 5673.0, 5503.0, 5695.0, 5495.0, 5400.0, 5619.0, 5252.0, 5300.0, 5269.0, 5589.0, 5438.0, 5403.0, 5351.0, 5663.0, 5525.0, 5275.0, 5367.0, 5628.0, 5693.0, 5566.0, 5425.0, 5680.0 (number of hits: 20 )
11	5570.0	9	1.0	333	1	5662.0, 5370.0, 5395.0, 5391.0, 5612.0, 5502.0, 5616.0, 5530.0, 5699.0, 5630.0, 5327.0, 5520.0, 5690.0, 5318.0, 5549.0, 5548.0, 5683.0, 5722.0, 5666.0, 5475.0, 5576.0, 5323.0, 5487.0, 5386.0, 5586.0, 5354.0, 5305.0, 5400.0, 5651.0, 5474.0, 5266.0, 5598.0, 5258.0, 5252.0, 5313.0, 5287.0, 5542.0, 5631.0, 5491.0, 5425.0, 5312.0, 5567.0, 5332.0, 5456.0, 5260.0, 5402.0, 5714.0, 5293.0, 5647.0, 5633.0, 5499.0, 5302.0, 5457.0, 5410.0, 5380.0, 5719.0, 5601.0, 5700.0, 5625.0, 5503.0, 5495.0, 5485.0, 5325.0, 5350.0, 5706.0, 5512.0, 5552.0, 5656.0, 5646.0, 5446.0, 5528.0, 5378.0, 5426.0, 5412.0, 5468.0, 5529.0, 5424.0, 5644.0, 5390.0, 5444.0, 5472.0, 5564.0, 5579.0, 5282.0, 5636.0, 5322.0, 5374.0, 5660.0, 5629.0, 5466.0, 5535.0, 5335.0, 5620.0, 5259.0, 5371.0, 5617.0, 5516.0, 5697.0, 5519.0, 5526.0 (number of hits: 12 )
12	5570.0	9	1.0	333	1	5260.0, 5599.0, 5350.0, 5472.0, 5415.0, 5540.0, 5324.0, 5564.0, 5272.0, 5367.0, 5390.0, 5685.0, 5600.0, 5634.0, 5357.0, 5693.0, 5605.0, 5632.0, 5270.0, 5403.0, 5569.0, 5609.0, 5575.0, 5608.0, 5257.0, 5579.0, 5655.0, 5713.0, 5566.0, 5359.0, 5604.0, 5503.0, 5301.0, 5458.0, 5625.0, 5712.0, 5583.0, 5418.0, 5704.0, 5534.0, 5686.0, 5294.0, 5542.0, 5692.0, 5374.0, 5364.0, 5326.0, 5262.0, 5694.0, 5717.0, 5565.0, 5668.0, 5456.0, 5377.0, 5274.0, 5363.0, 5630.0, 5635.0, 5504.0, 5263.0, 5474.0, 5518.0, 5371.0, 5300.0, 5683.0, 5293.0, 5568.0, 5433.0, 5329.0, 5671.0, 5466.0, 5459.0, 5395.0, 5435.0, 5644.0, 5422.0, 5650.0, 5593.0, 5299.0, 5327.0, 5468.0, 5588.0, 5412.0, 5688.0, 5398.0, 5659.0, 5574.0, 5662.0, 5296.0, 5495.0, 5361.0, 5392.0, 5267.0, 5322.0, 5533.0, 5548.0, 5314.0, 5282.0, 5366.0, 5441.0 (number of hits: 20 )
13	5570.0	9	1.0	333	1	5350.0, 5442.0, 5324.0, 5390.0, 5698.0, 5473.0, 5598.0, 5265.0, 5641.0, 5452.0, 5257.0, 5655.0, 5294.0, 5436.0, 5264.0, 5454.0, 5402.0, 5699.0, 5580.0, 5530.0, 5421.0, 5346.0, 5325.0, 5483.0, 5591.0, 5721.0, 5687.0, 5318.0, 5461.0, 5543.0, 5382.0, 5570.0, 5304.0, 5558.0, 5470.0, 5620.0, 5617.0, 5695.0, 5355.0, 5418.0, 5520.0, 5351.0, 5289.0, 5614.0, 5503.0, 5460.0, 5310.0, 5307.0, 5682.0, 5548.0, 5514.0, 5293.0, 5375.0, 5274.0, 5395.0, 5256.0, 5596.0, 5508.0, 5486.0, 5401.0, 5509.0, 5419.0, 5692.0, 5484.0, 5343.0, 5504.0, 5431.0, 5565.0, 5465.0, 5557.0, 5285.0, 5425.0, 5611.0, 5493.0, 5251.0, 5676.0, 5373.0, 5662.0, 5385.0, 5292.0, 5405.0, 5478.0, 5583.0, 5660.0, 5443.0, 5668.0, 5663.0, 5522.0, 5384.0, 5689.0, 5328.0, 5301.0, 5491.0, 5567.0, 5720.0, 5643.0, 5618.0, 5337.0, 5394.0, 5406.0 (number of hits: 12 )
14	5570.0	9	1.0	333	1	5292.0, 5306.0, 5620.0, 5691.0, 5639.0, 5363.0, 5316.0, 5319.0, 5499.0, 5493.0, 5598.0, 5387.0, 5721.0, 5592.0, 5530.0, 5707.0, 5666.0, 5505.0, 5359.0, 5563.0, 5605.0, 5430.0, 5515.0, 5650.0, 5528.0, 5469.0, 5654.0, 5699.0, 5667.0, 5277.0, 5716.0, 5481.0, 5607.0, 5622.0, 5307.0, 5553.0, 5330.0, 5549.0, 5628.0, 5329.0, 5717.0, 5604.0, 5662.0, 5427.0, 5578.0, 5556.0, 5371.0, 5546.0, 5510.0, 5643.0, 5506.0, 5423.0, 5702.0, 5547.0, 5690.0, 5349.0, 5492.0, 5384.0, 5271.0, 5559.0, 5608.0, 5680.0, 5534.0, 5253.0,



						5404.0, 5656.0, 5614.0, 5519.0, 5540.0, 5346.0, 5394.0, 5324.0, 5575.0, 5386.0, 5456.0, 5348.0, 5411.0, 5615.0, 5600.0, 5333.0, 5321.0, 5422.0, 5478.0, 5289.0, 5265.0, 5332.0, 5720.0, 5632.0, 5361.0, 5442.0, 5529.0, 5300.0, 5364.0, 5269.0, 5487.0, 5439.0, 5369.0, 5573.0, 5365.0, 5703.0 (number of hits: 18)
15	5570.0	9	1.0	333	1	5380.0, 5641.0, 5597.0, 5572.0, 5654.0, 5648.0, 5587.0, 5631.0, 5538.0, 5604.0, 5415.0, 5594.0, 5317.0, 5449.0, 5589.0, 5414.0, 5709.0, 5282.0, 5382.0, 5553.0, 5550.0, 5487.0, 5499.0, 5427.0, 5495.0, 5607.0, 5652.0, 5397.0, 5677.0, 5352.0, 5436.0, 5523.0, 5366.0, 5262.0, 5446.0, 5701.0, 5263.0, 5292.0, 5362.0, 5493.0, 5650.0, 5565.0, 5334.0, 5412.0, 5697.0, 5514.0, 5497.0, 5279.0, 5617.0, 5457.0, 5295.0, 5284.0, 5459.0, 5596.0, 5253.0, 5581.0, 5723.0, 5422.0, 5339.0, 5416.0, 5559.0, 5630.0, 5473.0, 5399.0, 5508.0, 5306.0, 5435.0, 5601.0, 5260.0, 5548.0, 5350.0, 5683.0, 5344.0, 5590.0, 5554.0, 5536.0, 5682.0, 5348.0, 5369.0, 5552.0, 5407.0, 5703.0, 5714.0, 5610.0, 5303.0, 5320.0, 5314.0, 5335.0, 5305.0, 5451.0, 5688.0, 5402.0, 5486.0, 5312.0, 5573.0, 5488.0, 5513.0, 5669.0, 5391.0, 5252.0 (number of hits: 21)
16	5570.0	9	1.0	333	1	5501.0, 5627.0, 5263.0, 5406.0, 5353.0, 5616.0, 5569.0, 5334.0, 5597.0, 5605.0, 5332.0, 5606.0, 5300.0, 5714.0, 5457.0, 5320.0, 5559.0, 5349.0, 5628.0, 5307.0, 5651.0, 5652.0, 5472.0, 5429.0, 5436.0, 5686.0, 5545.0, 5296.0, 5689.0, 5381.0, 5481.0, 5290.0, 5484.0, 5645.0, 5660.0, 5496.0, 5538.0, 5267.0, 5672.0, 5288.0, 5478.0, 5250.0, 5536.0, 5716.0, 5265.0, 5375.0, 5465.0, 5376.0, 5691.0, 5413.0, 5325.0, 5567.0, 5259.0, 5517.0, 5466.0, 5550.0, 5285.0, 5721.0, 5414.0, 5469.0, 5432.0, 5387.0, 5445.0, 5513.0, 5386.0, 5366.0, 5505.0, 5669.0, 5685.0, 5607.0, 5712.0, 5665.0, 5568.0, 5303.0, 5684.0, 5526.0, 5365.0, 5601.0, 5529.0, 5402.0, 5673.0, 5378.0, 5705.0, 5416.0, 5570.0, 5319.0, 5410.0, 5621.0, 5254.0, 5363.0, 5309.0, 5486.0, 5287.0, 5631.0, 5440.0, 5548.0, 5344.0, 5713.0, 5681.0, 5340.0 (number of hits: 15)
17	5570.0	9	1.0	333	1	5303.0, 5715.0, 5577.0, 5546.0, 5453.0, 5537.0, 5493.0, 5276.0, 5705.0, 5532.0, 5589.0, 5254.0, 5675.0, 5392.0, 5527.0, 5309.0, 5550.0, 5269.0, 5450.0, 5607.0, 5482.0, 5337.0, 5686.0, 5713.0, 5280.0, 5315.0, 5397.0, 5355.0, 5677.0, 5598.0, 5491.0, 5514.0, 5710.0, 5506.0, 5507.0, 5703.0, 5378.0, 5351.0, 5342.0, 5427.0, 5260.0, 5441.0, 5256.0, 5699.0, 5466.0, 5363.0, 5412.0, 5477.0, 5385.0, 5576.0, 5286.0, 5371.0, 5389.0, 5685.0, 5542.0, 5585.0, 5305.0, 5460.0, 5373.0, 5672.0, 5606.0, 5267.0, 5317.0, 5678.0, 5435.0, 5683.0, 5468.0, 5325.0, 5297.0, 5572.0, 5433.0, 5421.0, 5499.0, 5394.0, 5432.0, 5552.0, 5277.0, 5278.0, 5495.0, 5641.0, 5509.0, 5545.0, 5314.0, 5510.0, 5434.0, 5289.0, 5597.0, 5651.0, 5512.0, 5404.0, 5594.0, 5265.0, 5553.0, 5264.0, 5459.0, 5430.0, 5420.0, 5669.0, 5368.0, 5562.0 (number of hits: 19)
18	5570.0	9	1.0	333	1	5277.0, 5590.0, 5398.0, 5609.0, 5352.0, 5550.0, 5275.0, 5449.0, 5265.0, 5304.0, 5539.0, 5710.0, 5546.0, 5350.0, 5475.0, 5545.0, 5433.0, 5355.0, 5596.0, 5537.0, 5460.0, 5522.0, 5673.0, 5586.0, 5604.0, 5400.0, 5284.0, 5436.0, 5668.0, 5594.0, 5626.0, 5527.0, 5326.0, 5551.0, 5251.0, 5315.0, 5300.0, 5452.0, 5652.0, 5390.0, 5496.0, 5293.0, 5384.0, 5618.0, 5474.0, 5260.0, 5676.0, 5619.0, 5501.0, 5402.0, 5479.0, 5679.0, 5442.0, 5486.0, 5395.0, 5587.0, 5457.0, 5294.0, 5281.0, 5295.0, 5330.0, 5622.0, 5426.0, 5601.0, 5471.0, 5684.0, 5559.0, 5577.0, 5696.0, 5333.0, 5507.0, 5267.0, 5264.0, 5572.0, 5691.0, 5592.0, 5521.0, 5325.0, 5677.0, 5632.0, 5370.0, 5655.0, 5502.0, 5279.0, 5282.0, 5372.0, 5404.0, 5493.0, 5645.0, 5382.0, 5393.0, 5503.0, 5660.0, 5621.0, 5657.0, 5656.0, 5650.0, 5314.0, 5287.0, 5533.0 (number of hits: 18)
19	5570.0	9	1.0	333	1	5391.0, 5304.0, 5690.0, 5636.0, 5593.0, 5375.0, 5537.0, 5598.0, 5426.0, 5716.0, 5662.0, 5352.0, 5433.0, 5299.0, 5597.0, 5402.0, 5559.0, 5300.0, 5272.0, 5588.0, 5263.0, 5390.0, 5464.0, 5701.0, 5563.0, 5632.0, 5392.0, 5589.0, 5356.0, 5479.0, 5400.0, 5509.0,

						5583.0, 5620.0, 5642.0, 5664.0, 5720.0, 5648.0, 5285.0, 5586.0, 5721.0, 5684.0, 5579.0, 5596.0, 5372.0, 5269.0, 5531.0, 5470.0, 5325.0, 5368.0, 5547.0, 5501.0, 5332.0, 5283.0, 5660.0, 5543.0, 5408.0, 5555.0, 5382.0, 5600.0, 5714.0, 5698.0, 5500.0, 5462.0, 5384.0, 5448.0, 5417.0, 5519.0, 5682.0, 5549.0, 5506.0, 5685.0, 5528.0, 5558.0, 5252.0, 5534.0, 5377.0, 5388.0, 5425.0, 5654.0, 5445.0, 5552.0, 5302.0, 5298.0, 5322.0, 5675.0, 5439.0, 5371.0, 5665.0, 5533.0, 5551.0, 5482.0, 5472.0, 5599.0, 5459.0, 5581.0, 5378.0, 5467.0, 5338.0, 5624.0 (number of hits: 24)
20	5570.0	9	1.0	333	1	5579.0, 5706.0, 5492.0, 5488.0, 5604.0, 5272.0, 5622.0, 5652.0, 5290.0, 5315.0, 5616.0, 5668.0, 5705.0, 5549.0, 5641.0, 5511.0, 5565.0, 5433.0, 5318.0, 5707.0, 5444.0, 5285.0, 5360.0, 5401.0, 5332.0, 5490.0, 5254.0, 5477.0, 5333.0, 5643.0, 5345.0, 5379.0, 5692.0, 5429.0, 5264.0, 5279.0, 5584.0, 5312.0, 5642.0, 5278.0, 5353.0, 5551.0, 5442.0, 5678.0, 5554.0, 5590.0, 5610.0, 5473.0, 5354.0, 5638.0, 5273.0, 5296.0, 5713.0, 5258.0, 5702.0, 5686.0, 5382.0, 5703.0, 5577.0, 5313.0, 5679.0, 5712.0, 5535.0, 5526.0, 5497.0, 5564.0, 5425.0, 5520.0, 5675.0, 5598.0, 5534.0, 5486.0, 5452.0, 5326.0, 5562.0, 5470.0, 5448.0, 5295.0, 5684.0, 5563.0, 5575.0, 5658.0, 5339.0, 5299.0, 5674.0, 5716.0, 5359.0, 5586.0, 5323.0, 5496.0, 5352.0, 5321.0, 5480.0, 5263.0, 5499.0, 5404.0, 5602.0, 5515.0, 5578.0, 5453.0 (number of hits: 19)
21	5570.0	9	1.0	333	1	5605.0, 5573.0, 5495.0, 5598.0, 5545.0, 5278.0, 5496.0, 5471.0, 5494.0, 5350.0, 5666.0, 5472.0, 5702.0, 5682.0, 5282.0, 5287.0, 5334.0, 5631.0, 5625.0, 5408.0, 5448.0, 5392.0, 5678.0, 5687.0, 5578.0, 5444.0, 5312.0, 5686.0, 5709.0, 5655.0, 5664.0, 5538.0, 5633.0, 5576.0, 5564.0, 5485.0, 5325.0, 5306.0, 5353.0, 5398.0, 5451.0, 5639.0, 5542.0, 5288.0, 5429.0, 5403.0, 5481.0, 5588.0, 5311.0, 5383.0, 5382.0, 5674.0, 5551.0, 5277.0, 5293.0, 5343.0, 5344.0, 5675.0, 5459.0, 5522.0, 5377.0, 5503.0, 5371.0, 5587.0, 5520.0, 5332.0, 5581.0, 5290.0, 5649.0, 5292.0, 5659.0, 5404.0, 5326.0, 5380.0, 5387.0, 5592.0, 5557.0, 5251.0, 5297.0, 5447.0, 5622.0, 5561.0, 5379.0, 5300.0, 5508.0, 5417.0, 5446.0, 5281.0, 5517.0, 5394.0, 5305.0, 5399.0, 5374.0, 5643.0, 5550.0, 5486.0, 5319.0, 5267.0, 5272.0, 5511.0 (number of hits: 17)
22	5570.0	9	1.0	333	1	5637.0, 5549.0, 5623.0, 5313.0, 5545.0, 5706.0, 5685.0, 5474.0, 5572.0, 5310.0, 5476.0, 5266.0, 5580.0, 5380.0, 5463.0, 5605.0, 5680.0, 5396.0, 5375.0, 5317.0, 5292.0, 5327.0, 5594.0, 5501.0, 5250.0, 5699.0, 5704.0, 5429.0, 5709.0, 5560.0, 5573.0, 5590.0, 5577.0, 5502.0, 5719.0, 5423.0, 5381.0, 5404.0, 5561.0, 5460.0, 5712.0, 5622.0, 5648.0, 5353.0, 5384.0, 5369.0, 5579.0, 5314.0, 5436.0, 5411.0, 5267.0, 5678.0, 5705.0, 5331.0, 5370.0, 5471.0, 5322.0, 5701.0, 5325.0, 5592.0, 5587.0, 5538.0, 5490.0, 5646.0, 5419.0, 5416.0, 5567.0, 5630.0, 5634.0, 5621.0, 5610.0, 5428.0, 5716.0, 5276.0, 5379.0, 5386.0, 5575.0, 5273.0, 5505.0, 5442.0, 5376.0, 5604.0, 5269.0, 5542.0, 5417.0, 5629.0, 5670.0, 5484.0, 5257.0, 5311.0, 5307.0, 5275.0, 5692.0, 5686.0, 5362.0, 5679.0, 5558.0, 5326.0, 5553.0, 5609.0 (number of hits: 21)
23	5570.0	9	1.0	333	1	5679.0, 5500.0, 5403.0, 5651.0, 5499.0, 5590.0, 5442.0, 5367.0, 5641.0, 5319.0, 5387.0, 5652.0, 5611.0, 5497.0, 5410.0, 5435.0, 5686.0, 5446.0, 5263.0, 5287.0, 5585.0, 5456.0, 5348.0, 5531.0, 5338.0, 5622.0, 5299.0, 5464.0, 5696.0, 5483.0, 5428.0, 5650.0, 5515.0, 5292.0, 5606.0, 5554.0, 5570.0, 5284.0, 5388.0, 5374.0, 5655.0, 5629.0, 5598.0, 5512.0, 5423.0, 5498.0, 5381.0, 5467.0, 5462.0, 5394.0, 5486.0, 5599.0, 5662.0, 5514.0, 5452.0, 5523.0, 5404.0, 5506.0, 5304.0, 5547.0, 5444.0, 5605.0, 5723.0, 5553.0, 5349.0, 5478.0, 5353.0, 5582.0, 5627.0, 5620.0, 5594.0, 5368.0, 5417.0, 5509.0, 5593.0, 5569.0, 5302.0, 5447.0, 5545.0, 5615.0, 5656.0, 5494.0, 5390.0, 5552.0, 5633.0, 5362.0, 5508.0, 5501.0, 5516.0, 5416.0, 5267.0, 5398.0, 5704.0, 5384.0, 5261.0, 5717.0, 5596.0, 5262.0, 5481.0, 5438.0 (number of hits: 17)

24	5570.0	9	1.0	333	1	5295.0, 5709.0, 5271.0, 5495.0, 5618.0, 5305.0, 5612.0, 5324.0, 5459.0, 5570.0, 5334.0, 5412.0, 5528.0, 5634.0, 5340.0, 5440.0, 5631.0, 5567.0, 5322.0, 5722.0, 5624.0, 5531.0, 5613.0, 5599.0, 5331.0, 5291.0, 5580.0, 5532.0, 5380.0, 5447.0, 5451.0, 5283.0, 5594.0, 5568.0, 5255.0, 5625.0, 5364.0, 5359.0, 5524.0, 5596.0, 5442.0, 5477.0, 5376.0, 5586.0, 5427.0, 5405.0, 5286.0, 5653.0, 5506.0, 5362.0, 5630.0, 5583.0, 5264.0, 5574.0, 5633.0, 5710.0, 5430.0, 5671.0, 5697.0, 5652.0, 5597.0, 5454.0, 5591.0, 5269.0, 5296.0, 5498.0, 5598.0, 5346.0, 5658.0, 5508.0, 5543.0, 5333.0, 5452.0, 5402.0, 5692.0, 5615.0, 5715.0, 5654.0, 5650.0, 5502.0, 5617.0, 5592.0, 5370.0, 5679.0, 5696.0, 5399.0, 5314.0, 5413.0, 5687.0, 5579.0, 5681.0, 5582.0, 5511.0, 5695.0, 5368.0, 5546.0, 5485.0, 5383.0, 5593.0, 5422.0 (number of hits: 20)
25	5570.0	9	1.0	333	1	5579.0, 5309.0, 5329.0, 5374.0, 5499.0, 5273.0, 5595.0, 5304.0, 5371.0, 5375.0, 5616.0, 5668.0, 5279.0, 5722.0, 5580.0, 5422.0, 5433.0, 5594.0, 5712.0, 5324.0, 5675.0, 5255.0, 5425.0, 5377.0, 5469.0, 5639.0, 5448.0, 5560.0, 5619.0, 5477.0, 5658.0, 5480.0, 5540.0, 5322.0, 5590.0, 5472.0, 5528.0, 5563.0, 5634.0, 5632.0, 5272.0, 5537.0, 5629.0, 5286.0, 5479.0, 5407.0, 5399.0, 5505.0, 5691.0, 5618.0, 5390.0, 5330.0, 5498.0, 5653.0, 5565.0, 5458.0, 5301.0, 5323.0, 5699.0, 5481.0, 5642.0, 5325.0, 5704.0, 5670.0, 5548.0, 5617.0, 5271.0, 5400.0, 5341.0, 5337.0, 5332.0, 5256.0, 5266.0, 5503.0, 5582.0, 5442.0, 5602.0, 5567.0, 5376.0, 5364.0, 5568.0, 5656.0, 5652.0, 5571.0, 5456.0, 5389.0, 5536.0, 5451.0, 5720.0, 5627.0, 5525.0, 5521.0, 5569.0, 5516.0, 5352.0, 5356.0, 5367.0, 5355.0, 5564.0, 5669.0 (number of hits: 19)
26	5570.0	9	1.0	333	1	5342.0, 5447.0, 5645.0, 5548.0, 5657.0, 5519.0, 5446.0, 5525.0, 5568.0, 5368.0, 5470.0, 5364.0, 5528.0, 5553.0, 5472.0, 5514.0, 5286.0, 5716.0, 5352.0, 5604.0, 5501.0, 5540.0, 5406.0, 5698.0, 5273.0, 5476.0, 5399.0, 5675.0, 5653.0, 5322.0, 5484.0, 5420.0, 5395.0, 5518.0, 5654.0, 5504.0, 5500.0, 5649.0, 5566.0, 5308.0, 5683.0, 5282.0, 5578.0, 5299.0, 5511.0, 5695.0, 5556.0, 5348.0, 5463.0, 5340.0, 5634.0, 5306.0, 5435.0, 5404.0, 5400.0, 5704.0, 5316.0, 5326.0, 5423.0, 5581.0, 5410.0, 5354.0, 5311.0, 5690.0, 5402.0, 5438.0, 5648.0, 5600.0, 5427.0, 5275.0, 5303.0, 5673.0, 5251.0, 5534.0, 5479.0, 5714.0, 5601.0, 5450.0, 5471.0, 5360.0, 5661.0, 5338.0, 5397.0, 5341.0, 5620.0, 5288.0, 5685.0, 5711.0, 5422.0, 5599.0, 5535.0, 5527.0, 5633.0, 5652.0, 5414.0, 5616.0, 5324.0, 5554.0, 5434.0, 5475.0 (number of hits: 15)
27	5570.0	9	1.0	333	1	5573.0, 5625.0, 5504.0, 5560.0, 5280.0, 5426.0, 5422.0, 5559.0, 5480.0, 5433.0, 5564.0, 5646.0, 5552.0, 5674.0, 5717.0, 5276.0, 5484.0, 5257.0, 5672.0, 5530.0, 5373.0, 5535.0, 5666.0, 5566.0, 5597.0, 5614.0, 5327.0, 5588.0, 5638.0, 5274.0, 5323.0, 5289.0, 5587.0, 5536.0, 5657.0, 5434.0, 5462.0, 5550.0, 5492.0, 5438.0, 5654.0, 5345.0, 5489.0, 5665.0, 5595.0, 5509.0, 5529.0, 5269.0, 5485.0, 5598.0, 5270.0, 5497.0, 5283.0, 5272.0, 5537.0, 5265.0, 5613.0, 5655.0, 5473.0, 5663.0, 5355.0, 5367.0, 5723.0, 5253.0, 5477.0, 5519.0, 5454.0, 5475.0, 5642.0, 5671.0, 5589.0, 5577.0, 5303.0, 5296.0, 5361.0, 5501.0, 5622.0, 5466.0, 5533.0, 5395.0, 5302.0, 5658.0, 5630.0, 5502.0, 5418.0, 5647.0, 5259.0, 5365.0, 5700.0, 5349.0, 5273.0, 5669.0, 5693.0, 5252.0, 5442.0, 5430.0, 5554.0, 5493.0, 5586.0, 5714.0 (number of hits: 20)
28	5570.0	9	1.0	333	1	5378.0, 5697.0, 5515.0, 5665.0, 5263.0, 5520.0, 5393.0, 5316.0, 5627.0, 5334.0, 5509.0, 5537.0, 5506.0, 5274.0, 5722.0, 5668.0, 5639.0, 5364.0, 5318.0, 5331.0, 5587.0, 5459.0, 5673.0, 5336.0, 5601.0, 5710.0, 5277.0, 5606.0, 5680.0, 5462.0, 5373.0, 5332.0, 5261.0, 5550.0, 5560.0, 5681.0, 5496.0, 5309.0, 5276.0, 5706.0, 5448.0, 5707.0, 5407.0, 5551.0, 5476.0, 5382.0, 5617.0, 5355.0, 5645.0, 5470.0, 5657.0, 5594.0, 5386.0, 5478.0, 5302.0, 5405.0, 5311.0, 5303.0, 5615.0, 5695.0, 5608.0, 5711.0, 5467.0, 5264.0, 5438.0, 5365.0, 5339.0, 5610.0, 5466.0, 5623.0, 5670.0, 5433.0,

						5533.0, 5703.0, 5699.0, 5252.0, 5396.0, 5642.0, 5484.0, 5397.0, 5632.0, 5427.0, 5691.0, 5288.0, 5270.0, 5323.0, 5258.0, 5653.0, 5661.0, 5686.0, 5546.0, 5324.0, 5388.0, 5297.0, 5345.0, 5385.0, 5593.0, 5486.0, 5570.0, 5552.0 (number of hits: 13 )
29	5570.0	9	1.0	333	1	5276.0, 5492.0, 5400.0, 5257.0, 5686.0, 5371.0, 5415.0, 5642.0, 5506.0, 5626.0, 5445.0, 5713.0, 5707.0, 5309.0, 5466.0, 5465.0, 5611.0, 5512.0, 5417.0, 5333.0, 5349.0, 5692.0, 5413.0, 5575.0, 5409.0, 5529.0, 5502.0, 5308.0, 5645.0, 5307.0, 5273.0, 5402.0, 5422.0, 5514.0, 5558.0, 5487.0, 5624.0, 5606.0, 5503.0, 5672.0, 5493.0, 5330.0, 5401.0, 5583.0, 5326.0, 5484.0, 5694.0, 5468.0, 5660.0, 5533.0, 5370.0, 5662.0, 5629.0, 5650.0, 5620.0, 5596.0, 5335.0, 5336.0, 5539.0, 5265.0, 5351.0, 5331.0, 5563.0, 5279.0, 5720.0, 5444.0, 5345.0, 5544.0, 5528.0, 5456.0, 5565.0, 5489.0, 5474.0, 5676.0, 5578.0, 5706.0, 5564.0, 5385.0, 5304.0, 5580.0, 5298.0, 5432.0, 5517.0, 5435.0, 5670.0, 5418.0, 5635.0, 5648.0, 5327.0, 5579.0, 5693.0, 5450.0, 5545.0, 5461.0, 5429.0, 5663.0, 5253.0, 5590.0, 5597.0, 5505.0 (number of hits: 17 )
30	5570.0	9	1.0	333	1	5648.0, 5681.0, 5591.0, 5526.0, 5385.0, 5587.0, 5515.0, 5565.0, 5698.0, 5568.0, 5329.0, 5440.0, 5315.0, 5581.0, 5359.0, 5474.0, 5346.0, 5713.0, 5609.0, 5562.0, 5379.0, 5641.0, 5432.0, 5502.0, 5438.0, 5569.0, 5339.0, 5586.0, 5620.0, 5466.0, 5546.0, 5465.0, 5433.0, 5706.0, 5332.0, 5392.0, 5263.0, 5589.0, 5305.0, 5510.0, 5482.0, 5633.0, 5345.0, 5254.0, 5665.0, 5322.0, 5506.0, 5718.0, 5661.0, 5553.0, 5674.0, 5281.0, 5687.0, 5517.0, 5398.0, 5477.0, 5485.0, 5253.0, 5605.0, 5691.0, 5478.0, 5456.0, 5554.0, 5435.0, 5695.0, 5470.0, 5618.0, 5717.0, 5270.0, 5337.0, 5690.0, 5525.0, 5504.0, 5448.0, 5703.0, 5550.0, 5295.0, 5368.0, 5327.0, 5542.0, 5682.0, 5645.0, 5548.0, 5634.0, 5607.0, 5278.0, 5455.0, 5701.0, 5564.0, 5378.0, 5507.0, 5520.0, 5441.0, 5333.0, 5304.0, 5353.0, 5547.0, 5419.0, 5464.0, 5535.0 (number of hits: 20 )

**P2MP Mode  
Iron Radio****5500 MHz, 20 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	100 %	60%	Pass
<b>Type 2</b>	30	80 %	60%	Pass
<b>Type 3</b>	30	83.3 %	60%	Pass
<b>Type 4</b>	30	83.3 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	86.7 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	93.3 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	78	1.0	678	1
2	61	1.0	878	1
3	62	1.0	858	1
4	65	1.0	818	1
5	83	1.0	638	1
6	76	1.0	698	1
7	89	1.0	598	1
8	67	1.0	798	1
9	86	1.0	618	1
10	58	1.0	918	1
11	57	1.0	938	1
12	72	1.0	738	1
13	63	1.0	838	1
14	99	1.0	538	1
15	70	1.0	758	1
16	81	1.0	652	1
17	18	1.0	2949	1
18	28	1.0	1943	1
19	96	1.0	551	1
20	23	1.0	2374	1
21	32	1.0	1666	1
22	38	1.0	1410	1
23	36	1.0	1494	1
24	20	1.0	2752	1
25	28	1.0	1915	1
26	19	1.0	2928	1
27	44	1.0	1205	1
28	23	1.0	2327	1
29	74	1.0	722	1
30	43	1.0	1233	1
<b>Detection Percentage: 100 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	27	4.5	170	1
2	23	2.6	180	0
3	23	2.6	163	1
4	28	4.4	228	1
5	28	1.4	152	0
6	23	3.2	216	1
7	29	3.3	153	1
8	24	3.6	164	1
9	28	1.3	210	1
10	27	5.0	210	1
11	24	3.5	160	1
12	23	2.0	170	1
13	28	3.3	160	1
14	26	3.2	206	1
15	24	4.7	171	1
16	24	4.9	187	1
17	24	1.3	161	1
18	25	2.6	223	0
19	26	1.7	155	1
20	25	1.4	168	1
21	27	1.7	194	1
22	27	1.8	173	1
23	29	4.4	226	0
24	28	1.6	201	1
25	28	4.3	156	0
26	26	1.9	170	1
27	27	2.5	202	1
28	26	2.7	215	1
29	28	3.8	223	0
30	23	1.0	177	1
<b>Detection Percentage: 80 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	17	9.5	372	1
2	18	6.5	400	1
3	16	7.0	216	1
4	16	7.2	352	0
5	17	8.5	462	1
6	17	9.5	379	1
7	16	6.1	480	1
8	16	7.0	430	1
9	16	6.3	372	1
10	16	7.1	309	1
11	18	9.4	287	1
12	17	10.0	377	1
13	17	6.6	352	0
14	18	6.3	304	1
15	17	8.9	347	1
16	18	8.5	445	1
17	17	7.8	263	0
18	18	9.5	368	1
19	17	8.2	389	1
20	17	8.0	360	1
21	16	7.3	460	1
22	18	7.1	305	1
23	18	6.3	471	0
24	18	10.0	483	1
25	17	9.9	330	1
26	16	9.6	425	1
27	16	7.5	458	0
28	16	7.7	488	1
29	17	7.9	352	1
30	16	7.7	310	1
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				



**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	16	15.3	368	1
2	14	13.5	405	1
3	14	12.7	373	0
4	12	18.8	334	1
5	15	16.8	492	1
6	15	16.0	295	1
7	12	13.5	328	0
8	12	13.4	481	1
9	16	16.1	307	0
10	16	19.8	257	1
11	13	12.0	499	1
12	13	17.5	454	1
13	14	11.6	362	1
14	12	18.5	201	1
15	13	15.0	287	1
16	13	17.1	238	0
17	13	15.1	301	1
18	14	15.2	290	1
19	15	16.5	419	1
20	15	17.2	256	1
21	15	12.8	384	1
22	13	11.0	368	0
23	13	11.5	246	1
24	16	18.9	312	1
25	16	14.8	316	1
26	13	15.1	321	1
27	15	12.5	439	1
28	16	16.2	205	1
29	15	13.9	387	1
30	16	11.8	414	1
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5500	1
2	5500	1
3	5500	1
4	5500	1
5	5500	1
6	5500	1
7	5500	1
8	5500	1
9	5500	1
10	5500	1
11	5495.4	1
12	5495.0	1
13	5497.8	1
14	5494.6	1
15	5494.2	1
16	5493.0	1
17	5496.2	1
18	5499.0	1
19	5498.6	1
20	5497.8	1
21	5501.8	1
22	5501.4	1
23	5503.4	1
24	5502.2	1
25	5501.0	1
26	5504.6	1
27	5505.8	1
28	5504.6	1
29	5506.6	1
30	5503.0	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	83.7	1455		0.443705	1
1	2	12	81.3	1112		2.162156	
2	1	12	87.6			3.834742	
3	2	12	60.8	1263		4.912051	
4	1	12	59.5			6.607948	
5	2	12	89.7	1586		7.389786	
6	2	12	52.0	1098		8.747790	
7	2	12	79.4	1419		9.593371	
8	2	12	77.7	1106		11.409741	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	75.9			0.456304	1
1	3	9	73.2	1176	1759	2.121290	
2	3	9	76.9	1303	1096	2.444234	
3	2	9	89.4	1124		3.885873	
4	1	9	74.8			5.112070	
5	3	9	80.3	1745	1637	7.084233	
6	3	9	73.5	1152	1946	7.507514	
7	2	9	57.9	1424		8.579681	
8	2	9	55.7	1823		9.738616	
9	1	9	66.1			11.941327	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	86.9	1619	1142	0.698819	1
1	2	9	82.6	1279		1.463078	
2	3	9	54.9	1290	1185	1.645602	
3	1	9	55.8			2.606178	
4	2	9	90.0	1333		3.388010	
5	2	9	51.9	1279		4.183921	
6	1	9	64.0			5.235757	
7	2	9	58.6	1744		5.724935	
8	3	9	95.3	1435	1903	6.511062	
9	3	9	79.7	1126	1827	6.912763	
10	1	9	61.2			8.189102	
11	2	9	90.7	1361		8.633693	
12	2	9	81.2	1223		9.031060	
13	2	9	70.6	1490		10.097883	
14	1	9	91.6			11.144193	
15	1	9	81.4			11.443897	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	62.5	1008	1332	1.171474	1
1	3	7	82.9	1178	1032	2.167492	
2	2	7	83.0	1091		3.774567	
3	3	7	64.7	1611	1601	4.089304	
4	1	7	55.6			5.452414	
5	2	7	60.6	1135		7.603779	
6	2	7	72.8	1319		8.726251	
7	1	7	96.0			9.807756	
8	1	7	65.0			11.802689	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	89.3	1251		1.349490	1
1	2	12	55.6	1380		2.119577	
2	3	12	94.5	1981	1854	3.097643	
3	2	12	88.7	1528		5.920930	
4	3	12	80.8	1245	1982	6.454178	
5	1	12	83.1			7.631216	
6	3	12	59.7	1515	1921	9.202571	
7	2	12	89.4	1423		10.981707	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	67.3	1986		0.049468	1
1	3	14	83.8	1459	1903	0.965289	
2	2	14	86.8	1178		1.211974	
3	2	14	87.2	1806		2.376404	
4	2	14	50.6	1629		2.474681	
5	1	14	94.7			3.027414	
6	1	14	84.1			4.194223	
7	3	14	73.2	1432	1974	4.416577	
8	2	14	54.0	1484		5.200634	
9	2	14	64.8	1176		5.750986	
10	1	14	70.9			6.101381	
11	2	14	90.6	1795		7.113874	
12	2	14	84.7	1366		7.238293	
13	1	14	90.8			8.028124	
14	2	14	88.4	1388		8.976321	
15	3	14	69.1	1102	1002	9.238150	
16	2	14	93.9	1583		9.822326	
17	3	14	83.3	1772	1502	10.285366	
18	1	14	73.1			11.326227	
19	3	14	94.0	1021	1098	11.926944	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	88.8			0.573279	1
1	2	10	64.9	1296		0.815653	
2	1	10	97.0			1.511467	
3	3	10	79.1	1700	1625	2.124488	
4	2	10	94.9	1521		2.928158	
5	1	10	82.0			3.752403	
6	3	10	64.4	1175	1643	4.147436	
7	2	10	74.8	1981		4.530638	
8	3	10	61.7	1158	1816	5.164140	
9	2	10	89.3	1578		6.250553	
10	2	10	73.4	1870		6.873372	
11	1	10	75.9			7.071520	
12	3	10	56.0	1902	1381	8.124347	
13	3	10	70.8	1290	1596	8.518287	
14	2	10	66.4	1686		9.276988	
15	2	10	86.6	1688		10.043564	
16	3	10	74.6	1172	1892	10.529649	
17	2	10	81.9	1925		11.265303	
18	2	10	70.0	1305		11.948430	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	85.6	1690	1564	0.334674	1
1	3	12	54.8	1794	1398	1.832483	
2	2	12	54.9	1433		2.102006	
3	1	12	72.6			3.563816	
4	3	12	65.7	1295	1402	4.220207	
5	2	12	51.5	1841		5.285728	
6	2	12	82.7	1795		6.336665	
7	1	12	93.4			7.242441	
8	2	12	76.7	1006		7.702625	
9	2	12	60.0	1557		9.180192	
10	3	12	52.3	1912	1100	9.418578	
11	2	12	83.7	1045		10.361092	
12	2	12	93.1	1908		11.730560	

## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	96.1	1143	1759	0.539789	1
1	3	14	69.9	1266	1050	2.245779	
2	1	14	81.9			3.878179	
3	1	14	52.1			5.020248	
4	1	14	54.6			6.154244	
5	3	14	67.9	1417	1619	6.895159	
6	3	14	59.6	1770	1239	8.573447	
7	2	14	92.9	1941		10.113123	
8	1	14	63.3			10.867607	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	69.0	1239		0.553399	1
1	3	6	98.3	1670	1854	1.392372	
2	2	6	93.4	1489		2.006428	
3	1	6	86.1			2.404590	
4	1	6	90.5			3.391900	
5	2	6	54.5	1244		3.794181	
6	2	6	99.5	1893		5.137784	
7	3	6	71.5	1478	1983	5.704143	
8	1	6	90.8			6.347545	
9	2	6	75.2	1645		7.408029	
10	2	6	55.6	1457		7.699180	
11	1	6	93.2			8.374136	
12	1	6	51.7			9.235500	
13	1	6	69.0			10.002208	
14	2	6	93.4	1545		10.877478	
15	2	6	69.3	1240		11.721468	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	98.3	1476	1634	0.624142	1
1	2	11	53.6	1268		1.881351	
2	2	11	90.7	1264		3.020389	
3	2	11	90.1	1609		3.700148	
4	1	11	96.2			4.706705	
5	2	11	96.9	1901		6.494398	
6	2	11	88.9	1296		7.504109	
7	3	11	77.0	1875	1454	7.899743	
8	1	11	84.5			9.688617	
9	2	11	71.1	1586		10.894054	
10	3	11	73.5	1395	1993	11.663506	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	57.5	1171	1900	0.480211	1
1	1	10	62.2			1.579645	
2	1	10	91.3			2.484773	
3	2	10	59.0	1196		3.940414	
4	2	10	90.5	1294		4.436586	
5	3	10	86.4	1610	1790	5.802795	
6	3	10	94.9	1854	1373	6.672208	
7	3	10	69.6	1337	1378	7.014820	
8	1	10	77.0			8.140172	
9	2	10	83.0	1948		9.423678	
10	2	10	97.5	1429		10.715701	
11	2	10	90.8	1358		11.169732	



## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	90.0	1867		0.294809	1
1	2	17	93.4	1241		1.953714	
2	1	17	94.0			3.527278	
3	3	17	54.4	1540	1507	4.607395	
4	1	17	91.0			5.897957	
5	1	17	68.9			6.803047	
6	2	17	61.0	1401		8.286951	
7	2	17	97.1	1961		9.298112	
8	3	17	89.9	1575	1723	9.687337	
9	3	17	99.5	1033	1699	11.748874	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	77.0	1522	1708	0.615554	1
1	2	9	82.5	1078		2.113042	
2	2	9	78.1	1184		3.455753	
3	3	9	97.0	1787	1664	5.278725	
4	1	9	51.5			6.001766	
5	2	9	95.4	1567		7.552291	
6	3	9	50.8	1446	1695	8.324970	
7	2	9	93.6	1158		10.447204	
8	1	9	88.5			11.036042	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	56.3	1826		0.204280	1
1	2	8	55.4	1314		2.626664	
2	2	8	53.6	1986		3.366006	
3	2	8	56.3	1511		5.198964	
4	2	8	89.4	1300		6.017782	
5	3	8	96.4	1777	1641	6.709205	
6	3	8	75.7	1305	1389	8.383535	
7	1	8	90.2			9.844874	
8	2	8	66.9	1351		11.862298	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	79.5	1946	1314	0.374160	1
1	2	5	87.2	1776		0.903723	
2	2	5	64.6	1269		1.339474	
3	2	5	74.3	1413		2.291453	
4	3	5	51.9	1344	1509	2.421119	
5	1	5	55.0			3.373398	
6	2	5	98.8	1233		3.653569	
7	3	5	89.2	1297	1951	4.575300	
8	3	5	53.8	1690	1948	4.949345	
9	2	5	83.0	1367		5.730703	
10	1	5	59.9			6.139358	
11	3	5	92.3	1094	1785	7.061361	
12	3	5	94.9	1190	1641	7.707472	
13	1	5	67.6			8.157023	
14	1	5	59.7			8.872304	
15	1	5	92.2			9.345570	
16	1	5	90.7			9.621009	
17	2	5	58.0	1365		10.788297	
18	1	5	74.2			11.170659	
19	3	5	53.9	1698	1464	11.603441	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	57.1	1285	1106	0.345139	1
1	2	13	99.5	1040		1.397383	
2	3	13	76.2	1970	1156	1.575681	
3	2	13	77.8	1521		2.614264	
4	3	13	55.8	1255	1701	3.230046	
5	2	13	78.0	1019		3.852486	
6	3	13	85.7	1072	1339	4.320324	
7	2	13	91.4	1731		5.533814	
8	2	13	66.3	1348		6.316836	
9	3	13	84.3	1533	1007	6.959834	
10	3	13	54.0	1846	1108	7.327055	
11	3	13	63.3	1964	1836	8.120880	
12	2	13	59.9	1661		8.992906	
13	3	13	52.4	1274	1253	9.191467	
14	2	13	54.6	1775		10.163664	
15	2	13	71.7	1261		10.600575	
16	2	13	60.3	1857		11.951869	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	58.8	1171	1033	1.412267	1
1	1	20	98.1			2.957728	
2	2	20	83.6	1414		3.222334	
3	2	20	53.0	1447		5.128975	
4	2	20	66.3	1583		7.416319	
5	3	20	80.0	1205	2000	8.113094	
6	2	20	53.0	1372		10.184404	
7	2	20	75.3	1666		11.669555	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	67.5	1431	1846	0.458422	1
1	3	19	79.7	1503	1121	0.889140	
2	2	19	88.4	1697		2.045535	
3	2	19	67.1	1469		2.416766	
4	3	19	51.3	1318	1045	3.913147	
5	3	19	79.6	1336	1552	4.097545	
6	1	19	68.4			4.975546	
7	3	19	98.5	1282	1876	5.989956	
8	2	19	65.7	1250		6.418390	
9	2	19	99.8	1741		7.798957	
10	1	19	83.0			8.005155	
11	2	19	95.0	1737		9.287164	
12	3	19	84.3	1735	1919	9.643161	
13	2	19	62.9	1770		10.734961	
14	1	19	95.9			11.773093	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	63.2	1757		0.664324	1
1	3	17	92.3	1063	1569	1.203444	
2	3	17	69.2	1598	1137	1.900697	
3	2	17	78.4	1430		2.610231	
4	2	17	94.0	1776		3.568858	
5	2	17	70.4	1840		4.579709	
6	3	17	56.0	1450	1958	5.206190	
7	2	17	76.8	1170		5.851237	
8	3	17	77.7	1824	1539	6.517212	
9	3	17	91.2	1075	1694	7.539333	
10	3	17	97.2	1961	1594	8.473094	
11	2	17	74.2	1192		9.592675	
12	2	17	56.4	1003		10.245805	
13	2	17	79.6	1984		10.405749	
14	2	17	73.5	1381		11.255526	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	81.1	1536	1427	0.462202	1
1	2	18	80.9	1907		1.351357	
2	1	18	60.0			2.233104	
3	3	18	74.0	1899	1210	2.776607	
4	3	18	71.9	1221	1819	3.836067	
5	1	18	52.4			4.726302	
6	2	18	70.2	1720		5.898800	
7	1	18	97.3			6.642956	
8	1	18	81.3			7.647928	
9	2	18	74.9	1090		8.510499	
10	2	18	86.4	1305		9.153945	
11	2	18	57.7	1878		9.985946	
12	3	18	89.2	1895	1541	10.716552	
13	2	18	85.2	1700		11.796834	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	72.3	1789	1971	0.587010	1
1	2	19	77.6	1891		0.950865	
2	3	19	96.2	1193	1663	1.703624	
3	2	19	60.2	1146		2.531262	
4	1	19	90.8			3.248040	
5	2	19	53.4	1767		3.345447	
6	2	19	73.4	1858		4.514652	
7	1	19	71.1			5.144309	
8	3	19	91.9	1266	1970	5.587591	
9	3	19	73.0	1151	1436	6.526722	
10	2	19	99.5	1324		7.307757	
11	2	19	72.7	1961		7.482999	
12	2	19	90.5	1607		8.479328	
13	2	19	60.0	1607		9.221699	
14	2	19	68.2	1607		9.973927	
15	2	19	57.3	1438		10.659829	
16	2	19	68.6	1266		11.299549	
17	2	19	76.5	1482		11.413026	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	64.2	1949		0.133723	1
1	3	14	89.1	1652	1088	1.455047	
2	2	14	79.3	1158		2.106788	
3	2	14	64.6	1180		2.862930	
4	1	14	86.7			3.965560	
5	2	14	81.9	1717		4.665610	
6	2	14	56.5	1747		5.871427	
7	3	14	79.8	1637	1770	6.641124	
8	2	14	55.6	1875		7.703274	
9	1	14	78.3			8.429267	
10	1	14	90.1			9.736469	
11	2	14	87.7	1162		10.932674	
12	2	14	87.4	1663		11.989943	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	57.0	1213		0.773676	1
1	2	17	98.9	1553		1.500389	
2	1	17	58.2			3.359107	
3	2	17	64.8	1439		4.014054	
4	1	17	58.3			5.293944	
5	2	17	67.4	1651		6.281657	
6	2	17	93.9	1664		8.010578	
7	3	17	62.0	1026	1576	9.334221	
8	1	17	85.7			10.454590	
9	1	17	70.5			10.800539	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	96.5	1808		0.268433	1
1	3	20	94.2	1299	1103	0.960183	
2	2	20	53.6	1122		2.024807	
3	1	20	62.1			2.563660	
4	2	20	72.1	1886		3.690131	
5	3	20	64.5	1365	1156	4.402985	
6	1	20	76.8			4.978051	
7	2	20	84.3	1961		6.198316	
8	1	20	50.7			6.678697	
9	2	20	66.1	1582		7.244905	
10	2	20	95.2	1158		8.743054	
11	3	20	74.4	1494	1424	8.890860	
12	1	20	73.2			10.286141	
13	2	20	50.2	1310		11.021316	
14	3	20	92.7	1681	1185	11.416638	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	56.8	1853		0.598486	1
1	3	11	78.8	1136	1453	0.887333	
2	2	11	75.8	1449		1.525778	
3	1	11	61.2			2.574187	
4	2	11	97.6	1620		3.018239	
5	2	11	55.8	1840		4.025094	
6	2	11	65.9	1907		4.919677	
7	3	11	92.2	1258	1993	5.786789	
8	2	11	51.9	1532		6.144620	
9	2	11	94.5	1578		7.317698	
10	2	11	94.3	1300		8.209212	
11	2	11	57.8	1592		8.315356	
12	2	11	54.6	1269		9.585719	
13	1	11	57.0			9.825466	
14	3	11	71.8	1382	1971	10.565587	
15	2	11	84.6	1500		11.954270	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	59.2	1348		0.369266	1
1	2	8	56.9	1436		0.972906	
2	1	8	66.1			1.957026	
3	2	8	75.5	1080		2.817101	
4	2	8	78.4	1484		3.283703	
5	2	8	53.5	1304		3.838238	
6	3	8	92.1	1544	1697	4.443032	
7	1	8	69.8			5.045339	
8	1	8	60.7			5.718180	
9	2	8	93.8	1846		6.758390	
10	2	8	52.9	1783		7.446083	
11	2	8	91.6	1507		8.155489	
12	1	8	64.6			9.148571	
13	2	8	99.5	1828		9.177213	
14	2	8	60.4	1864		10.501361	
15	2	8	80.2	1815		10.807396	
16	1	8	69.0			11.553198	



## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	51.8	1066		0.091637	1
1	1	11	96.9			1.193436	
2	3	11	62.7	1928	1058	2.215166	
3	2	11	71.1	1107		2.453225	
4	2	11	96.7	1953		3.695756	
5	1	11	82.2			4.728804	
6	3	11	62.0	1824	1320	4.852231	
7	1	11	76.5			6.226394	
8	1	11	76.9			6.545691	
9	2	11	77.0	1108		7.382667	
10	1	11	85.4			8.060074	
11	1	11	62.2			9.014781	
12	2	11	93.6	1459		9.777201	
13	3	11	97.7	1722	1189	10.875739	
14	2	11	78.1	1239		11.363123	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	67.9	1015	1745	0.000875	1
1	2	6	71.0	1202		0.764805	
2	3	6	62.8	1952	1708	1.759640	
3	1	6	74.2			2.311160	
4	2	6	69.6	1879		3.448292	
5	3	6	76.7	1231	1814	3.906369	
6	3	6	69.8	1214	1453	4.847704	
7	2	6	63.5	1413		5.292806	
8	2	6	95.0	1539		6.036968	
9	3	6	96.2	1110	1582	6.927443	
10	2	6	81.5	1591		7.645945	
11	3	6	57.8	1674	1706	7.965525	
12	3	6	87.0	1670	1642	8.873055	
13	1	6	74.1			9.195489	
14	3	6	54.1	1744	1991	10.545026	
15	3	6	52.5	1128	1537	10.705526	
16	2	6	80.7	1182		11.677126	

## Bin5 Statistics 30

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	1	15	75.8			0.085883	1
1	2	15	52.3	1458		1.892586	
2	2	15	50.7	1257		2.199983	
3	2	15	83.1	1598		3.561859	
4	3	15	74.4	1845	1564	4.454761	
5	1	15	64.2			6.495979	
6	3	15	58.4	1578	1075	7.251585	
7	2	15	94.9	1472		8.456896	
8	2	15	59.6	1440		9.240881	
9	2	15	90.3	1597		10.234724	
10	2	15	62.4	1123		11.839704	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500.0	9	1.0	333	1	5535.0, 5573.0, 5647.0, 5495.0, 5710.0, 5304.0, 5544.0, 5565.0, 5472.0, 5704.0, 5284.0, 5564.0, 5386.0, 5435.0, 5370.0, 5693.0, 5417.0, 5692.0, 5504.0, 5324.0, 5519.0, 5289.0, 5383.0, 5665.0, 5553.0, 5720.0, 5537.0, 5657.0, 5363.0, 5309.0, 5674.0, 5489.0, 5334.0, 5540.0, 5250.0, 5679.0, 5303.0, 5492.0, 5438.0, 5624.0, 5614.0, 5259.0, 5461.0, 5271.0, 5678.0, 5700.0, 5454.0, 5581.0, 5279.0, 5367.0, 5629.0, 5530.0, 5562.0, 5494.0, 5331.0, 5619.0, 5466.0, 5615.0, 5416.0, 5491.0, 5443.0, 5440.0, 5652.0, 5604.0, 5425.0, 5482.0, 5462.0, 5623.0, 5631.0, 5643.0, 5474.0, 5291.0, 5469.0, 5529.0, 5570.0, 5484.0, 5395.0, 5372.0, 5437.0, 5350.0, 5559.0, 5696.0, 5568.0, 5338.0, 5554.0, 5533.0, 5412.0, 5385.0, 5348.0, 5699.0, 5590.0, 5267.0, 5432.0, 5695.0, 5536.0, 5656.0, 5459.0, 5541.0, 5517.0, 5457.0 (number of hits: 5)
2	5500.0	9	1.0	333	1	5335.0, 5407.0, 5656.0, 5623.0, 5392.0, 5271.0, 5682.0, 5580.0, 5463.0, 5400.0, 5614.0, 5465.0, 5491.0, 5428.0, 5531.0, 5653.0, 5455.0, 5293.0, 5543.0, 5497.0, 5364.0, 5639.0, 5436.0, 5675.0, 5253.0, 5415.0, 5578.0, 5426.0, 5370.0, 5631.0, 5648.0, 5560.0, 5406.0, 5659.0, 5352.0, 5374.0, 5697.0, 5346.0, 5539.0, 5404.0, 5475.0, 5276.0, 5424.0, 5540.0, 5413.0, 5315.0, 5612.0, 5342.0, 5668.0, 5626.0, 5298.0, 5713.0, 5344.0, 5266.0, 5679.0, 5359.0, 5664.0, 5609.0, 5330.0, 5508.0, 5636.0, 5464.0, 5714.0, 5297.0, 5340.0, 5520.0, 5289.0, 5529.0, 5302.0, 5351.0, 5431.0, 5456.0, 5647.0, 5446.0, 5657.0, 5366.0, 5460.0, 5680.0, 5534.0, 5638.0, 5422.0, 5594.0, 5716.0, 5272.0, 5395.0, 5375.0, 5698.0, 5443.0, 5602.0, 5703.0, 5544.0, 5489.0, 5574.0, 5348.0, 5321.0, 5394.0, 5501.0, 5632.0, 5287.0, 5629.0 (number of hits: 4)
3	5500.0	9	1.0	333	1	5342.0, 5649.0, 5652.0, 5299.0, 5290.0, 5361.0, 5268.0, 5575.0, 5270.0, 5284.0, 5450.0, 5520.0, 5533.0, 5644.0, 5665.0, 5614.0, 5382.0, 5664.0, 5579.0, 5296.0, 5405.0, 5557.0, 5317.0, 5286.0, 5436.0, 5635.0, 5549.0, 5433.0, 5281.0, 5280.0, 5348.0, 5369.0, 5561.0, 5386.0, 5310.0, 5564.0, 5282.0, 5505.0, 5503.0, 5581.0, 5558.0, 5261.0, 5435.0, 5612.0, 5255.0, 5272.0, 5658.0, 5719.0, 5509.0, 5506.0, 5345.0, 5701.0, 5524.0, 5691.0, 5568.0, 5585.0, 5599.0, 5274.0, 5453.0, 5264.0, 5283.0, 5511.0, 5320.0, 5337.0, 5572.0, 5675.0, 5308.0, 5302.0, 5267.0, 5353.0, 5447.0, 5616.0, 5315.0, 5708.0, 5694.0, 5473.0, 5531.0, 5256.0, 5621.0, 5475.0, 5438.0, 5588.0, 5640.0, 5607.0, 5314.0, 5366.0, 5380.0, 5460.0, 5500.0, 5431.0, 5659.0, 5498.0, 5465.0, 5582.0, 5696.0, 5534.0, 5668.0, 5389.0, 5468.0, 5609.0 (number of hits: 5)
4	5500.0	9	1.0	333	1	5575.0, 5451.0, 5478.0, 5262.0, 5480.0, 5594.0, 5453.0, 5449.0, 5385.0, 5723.0, 5706.0, 5329.0, 5625.0, 5309.0, 5606.0, 5387.0, 5664.0, 5640.0, 5574.0, 5614.0, 5530.0, 5363.0, 5430.0, 5445.0, 5587.0, 5318.0, 5528.0, 5577.0, 5687.0, 5678.0, 5391.0, 5513.0, 5307.0, 5539.0, 5314.0, 5654.0, 5339.0, 5523.0, 5416.0, 5518.0, 5508.0, 5264.0, 5419.0, 5507.0, 5376.0, 5335.0, 5423.0, 5492.0, 5404.0, 5386.0, 5555.0, 5377.0, 5705.0, 5463.0, 5415.0, 5644.0, 5716.0, 5721.0, 5715.0, 5711.0, 5691.0, 5642.0, 5561.0, 5323.0, 5295.0, 5472.0, 5597.0, 5300.0, 5442.0, 5392.0, 5291.0, 5500.0, 5540.0, 5308.0, 5701.0, 5600.0, 5348.0, 5635.0, 5281.0, 5709.0, 5690.0, 5617.0, 5569.0, 5509.0, 5250.0, 5394.0, 5558.0, 5549.0, 5488.0, 5609.0, 5293.0, 5327.0, 5342.0, 5471.0, 5556.0, 5370.0, 5497.0, 5567.0, 5280.0, 5330.0 (number of hits: 5)
5	5500.0	9	1.0	333	1	5398.0, 5494.0, 5449.0, 5307.0, 5641.0, 5433.0, 5718.0, 5624.0, 5555.0, 5607.0, 5437.0, 5335.0, 5650.0, 5287.0, 5496.0, 5516.0, 5257.0, 5608.0, 5584.0, 5557.0, 5375.0, 5603.0, 5540.0, 5675.0,

						5582.0, 5686.0, 5274.0, 5299.0, 5480.0, 5704.0, 5468.0, 5547.0, 5687.0, 5692.0, 5378.0, 5691.0, 5442.0, 5427.0, 5369.0, 5350.0, 5601.0, 5295.0, 5395.0, 5431.0, 5331.0, 5526.0, 5679.0, 5367.0, 5338.0, 5309.0, 5683.0, 5452.0, 5446.0, 5457.0, 5525.0, 5701.0, 5302.0, 5396.0, 5476.0, 5646.0, 5665.0, 5631.0, 5306.0, 5488.0, 5549.0, 5458.0, 5432.0, 5577.0, 5619.0, 5653.0, 5511.0, 5523.0, 5644.0, 5478.0, 5696.0, 5509.0, 5688.0, 5354.0, 5617.0, 5472.0, 5678.0, 5341.0, 5304.0, 5492.0, 5593.0, 5558.0, 5700.0, 5284.0, 5401.0, 5572.0, 5521.0, 5620.0, 5368.0, 5429.0, 5394.0, 5357.0, 5456.0, 5256.0, 5677.0, 5288.0 (number of hits: 3 )
6	5500.0	9	1.0	333	1	5554.0, 5378.0, 5263.0, 5451.0, 5658.0, 5402.0, 5544.0, 5412.0, 5577.0, 5616.0, 5357.0, 5333.0, 5300.0, 5472.0, 5529.0, 5482.0, 5438.0, 5612.0, 5601.0, 5518.0, 5400.0, 5699.0, 5684.0, 5630.0, 5356.0, 5665.0, 5650.0, 5540.0, 5644.0, 5643.0, 5507.0, 5269.0, 5298.0, 5521.0, 5695.0, 5587.0, 5579.0, 5700.0, 5411.0, 5662.0, 5476.0, 5509.0, 5640.0, 5425.0, 5693.0, 5589.0, 5702.0, 5676.0, 5253.0, 5674.0, 5453.0, 5404.0, 5620.0, 5277.0, 5592.0, 5465.0, 5563.0, 5304.0, 5386.0, 5316.0, 5667.0, 5452.0, 5572.0, 5608.0, 5467.0, 5625.0, 5610.0, 5673.0, 5604.0, 5454.0, 5562.0, 5632.0, 5392.0, 5313.0, 5602.0, 5398.0, 5311.0, 5721.0, 5499.0, 5484.0, 5353.0, 5530.0, 5374.0, 5653.0, 5677.0, 5445.0, 5308.0, 5473.0, 5556.0, 5659.0, 5704.0, 5306.0, 5703.0, 5486.0, 5332.0, 5434.0, 5262.0, 5648.0, 5568.0, 5403.0 (number of hits: 2 )
7	5500.0	9	1.0	333	1	5536.0, 5685.0, 5632.0, 5626.0, 5461.0, 5587.0, 5577.0, 5490.0, 5561.0, 5267.0, 5630.0, 5463.0, 5489.0, 5672.0, 5555.0, 5387.0, 5318.0, 5483.0, 5462.0, 5286.0, 5382.0, 5441.0, 5257.0, 5355.0, 5253.0, 5347.0, 5611.0, 5269.0, 5282.0, 5519.0, 5520.0, 5703.0, 5697.0, 5647.0, 5289.0, 5530.0, 5550.0, 5692.0, 5323.0, 5340.0, 5542.0, 5325.0, 5283.0, 5512.0, 5533.0, 5602.0, 5327.0, 5409.0, 5378.0, 5717.0, 5326.0, 5560.0, 5302.0, 5613.0, 5364.0, 5548.0, 5707.0, 5497.0, 5629.0, 5612.0, 5388.0, 5674.0, 5321.0, 5435.0, 5474.0, 5537.0, 5351.0, 5349.0, 5631.0, 5383.0, 5464.0, 5609.0, 5419.0, 5584.0, 5426.0, 5604.0, 5468.0, 5260.0, 5636.0, 5653.0, 5708.0, 5658.0, 5476.0, 5499.0, 5535.0, 5526.0, 5679.0, 5392.0, 5350.0, 5627.0, 5671.0, 5458.0, 5648.0, 5529.0, 5534.0, 5457.0, 5304.0, 5482.0, 5655.0, 5558.0 (number of hits: 2 )
8	5500.0	9	1.0	333	1	5555.0, 5363.0, 5295.0, 5673.0, 5599.0, 5423.0, 5443.0, 5352.0, 5257.0, 5436.0, 5601.0, 5686.0, 5400.0, 5367.0, 5511.0, 5290.0, 5545.0, 5264.0, 5361.0, 5524.0, 5696.0, 5652.0, 5582.0, 5528.0, 5565.0, 5588.0, 5514.0, 5679.0, 5553.0, 5716.0, 5611.0, 5535.0, 5614.0, 5668.0, 5268.0, 5413.0, 5373.0, 5723.0, 5488.0, 5659.0, 5698.0, 5594.0, 5674.0, 5302.0, 5445.0, 5440.0, 5425.0, 5272.0, 5632.0, 5281.0, 5278.0, 5438.0, 5444.0, 5671.0, 5603.0, 5347.0, 5584.0, 5579.0, 5342.0, 5433.0, 5271.0, 5376.0, 5697.0, 5467.0, 5700.0, 5369.0, 5702.0, 5439.0, 5350.0, 5629.0, 5381.0, 5712.0, 5320.0, 5330.0, 5283.0, 5645.0, 5254.0, 5446.0, 5624.0, 5689.0, 5639.0, 5586.0, 5328.0, 5483.0, 5508.0, 5401.0, 5469.0, 5561.0, 5618.0, 5403.0, 5507.0, 5293.0, 5650.0, 5365.0, 5407.0, 5452.0, 5466.0, 5546.0, 5404.0, 5332.0 (number of hits: 2 )
9	5500.0	9	1.0	333	1	5353.0, 5497.0, 5610.0, 5408.0, 5481.0, 5452.0, 5329.0, 5556.0, 5363.0, 5326.0, 5440.0, 5693.0, 5412.0, 5670.0, 5402.0, 5429.0, 5459.0, 5650.0, 5425.0, 5666.0, 5341.0, 5253.0, 5501.0, 5665.0, 5593.0, 5378.0, 5537.0, 5302.0, 5628.0, 5703.0, 5273.0, 5441.0, 5655.0, 5517.0, 5549.0, 5636.0, 5391.0, 5317.0, 5669.0, 5590.0, 5594.0, 5658.0, 5254.0, 5664.0, 5581.0, 5388.0, 5614.0, 5345.0, 5427.0, 5404.0, 5307.0, 5555.0, 5370.0, 5604.0, 5563.0, 5277.0, 5647.0, 5346.0, 5484.0, 5532.0, 5431.0, 5339.0, 5351.0, 5677.0, 5458.0, 5490.0, 5700.0, 5323.0, 5487.0, 5286.0, 5320.0, 5696.0, 5434.0, 5435.0, 5457.0, 5461.0, 5403.0, 5276.0, 5569.0, 5635.0, 5668.0, 5275.0, 5499.0, 5263.0, 5482.0, 5663.0, 5605.0, 5285.0, 5526.0, 5629.0, 5337.0, 5509.0, 5584.0, 5548.0, 5591.0, 5436.0,

						5719.0, 5312.0, 5598.0, 5463.0 (number of hits: 3 )
10	5500.0	9	1.0	333	0	
11	5500.0	9	1.0	333	1	5354.0, 5623.0, 5390.0, 5278.0, 5288.0, 5723.0, 5409.0, 5415.0, 5294.0, 5343.0, 5498.0, 5386.0, 5670.0, 5431.0, 5314.0, 5258.0, 5382.0, 5620.0, 5679.0, 5462.0, 5351.0, 5552.0, 5538.0, 5593.0, 5550.0, 5717.0, 5394.0, 5391.0, 5473.0, 5384.0, 5565.0, 5641.0, 5642.0, 5360.0, 5306.0, 5481.0, 5404.0, 5686.0, 5535.0, 5399.0, 5446.0, 5677.0, 5281.0, 5556.0, 5497.0, 5402.0, 5667.0, 5388.0, 5335.0, 5268.0, 5674.0, 5632.0, 5333.0, 5368.0, 5468.0, 5517.0, 5711.0, 5269.0, 5291.0, 5614.0, 5592.0, 5392.0, 5579.0, 5610.0, 5400.0, 5617.0, 5428.0, 5349.0, 5708.0, 5325.0, 5597.0, 5270.0, 5673.0, 5712.0, 5626.0, 5577.0, 5341.0, 5651.0, 5366.0, 5654.0, 5327.0, 5297.0, 5419.0, 5543.0, 5544.0, 5499.0, 5272.0, 5575.0, 5722.0, 5279.0, 5554.0, 5656.0, 5678.0, 5598.0, 5458.0, 5643.0, 5437.0, 5541.0, 5370.0, 5304.0 (number of hits: 3 )
12	5500.0	9	1.0	333	1	5608.0, 5563.0, 5662.0, 5486.0, 5619.0, 5660.0, 5670.0, 5717.0, 5610.0, 5252.0, 5504.0, 5560.0, 5505.0, 5332.0, 5574.0, 5693.0, 5695.0, 5307.0, 5615.0, 5531.0, 5288.0, 5547.0, 5302.0, 5404.0, 5538.0, 5492.0, 5559.0, 5409.0, 5655.0, 5358.0, 5458.0, 5283.0, 5439.0, 5530.0, 5338.0, 5682.0, 5640.0, 5503.0, 5635.0, 5698.0, 5718.0, 5632.0, 5408.0, 5627.0, 5416.0, 5286.0, 5440.0, 5343.0, 5599.0, 5348.0, 5585.0, 5389.0, 5472.0, 5629.0, 5467.0, 5381.0, 5707.0, 5540.0, 5620.0, 5277.0, 5490.0, 5424.0, 5550.0, 5675.0, 5294.0, 5281.0, 5268.0, 5649.0, 5681.0, 5406.0, 5393.0, 5715.0, 5722.0, 5562.0, 5554.0, 5533.0, 5325.0, 5287.0, 5444.0, 5666.0, 5284.0, 5470.0, 5465.0, 5539.0, 5270.0, 5471.0, 5282.0, 5687.0, 5679.0, 5457.0, 5626.0, 5259.0, 5363.0, 5476.0, 5491.0, 5297.0, 5657.0, 5443.0, 5481.0, 5656.0 (number of hits: 5 )
13	5500.0	9	1.0	333	1	5344.0, 5257.0, 5553.0, 5632.0, 5293.0, 5272.0, 5647.0, 5270.0, 5330.0, 5562.0, 5644.0, 5356.0, 5520.0, 5326.0, 5638.0, 5639.0, 5654.0, 5366.0, 5331.0, 5663.0, 5439.0, 5315.0, 5535.0, 5280.0, 5389.0, 5292.0, 5581.0, 5324.0, 5530.0, 5710.0, 5414.0, 5513.0, 5560.0, 5531.0, 5498.0, 5721.0, 5537.0, 5543.0, 5335.0, 5621.0, 5346.0, 5603.0, 5364.0, 5698.0, 5601.0, 5334.0, 5275.0, 5608.0, 5660.0, 5339.0, 5538.0, 5354.0, 5693.0, 5409.0, 5554.0, 5425.0, 5519.0, 5545.0, 5401.0, 5446.0, 5673.0, 5419.0, 5317.0, 5377.0, 5320.0, 5510.0, 5528.0, 5256.0, 5695.0, 5360.0, 5491.0, 5503.0, 5705.0, 5592.0, 5694.0, 5670.0, 5696.0, 5643.0, 5722.0, 5400.0, 5488.0, 5544.0, 5251.0, 5363.0, 5518.0, 5489.0, 5474.0, 5416.0, 5355.0, 5667.0, 5459.0, 5703.0, 5704.0, 5668.0, 5564.0, 5464.0, 5628.0, 5307.0, 5411.0, 5472.0 (number of hits: 3 )
14	5500.0	9	1.0	333	1	5373.0, 5563.0, 5602.0, 5495.0, 5461.0, 5581.0, 5420.0, 5582.0, 5591.0, 5637.0, 5571.0, 5587.0, 5716.0, 5271.0, 5611.0, 5639.0, 5673.0, 5613.0, 5692.0, 5429.0, 5377.0, 5435.0, 5464.0, 5699.0, 5282.0, 5396.0, 5267.0, 5277.0, 5605.0, 5289.0, 5646.0, 5465.0, 5466.0, 5442.0, 5252.0, 5363.0, 5497.0, 5352.0, 5588.0, 5270.0, 5430.0, 5650.0, 5709.0, 5294.0, 5715.0, 5450.0, 5685.0, 5483.0, 5616.0, 5366.0, 5326.0, 5446.0, 5318.0, 5687.0, 5575.0, 5512.0, 5658.0, 5273.0, 5675.0, 5404.0, 5258.0, 5533.0, 5583.0, 5287.0, 5576.0, 5544.0, 5694.0, 5558.0, 5455.0, 5666.0, 5480.0, 5623.0, 5550.0, 5327.0, 5311.0, 5531.0, 5438.0, 5553.0, 5431.0, 5357.0, 5476.0, 5286.0, 5310.0, 5645.0, 5440.0, 5532.0, 5527.0, 5338.0, 5619.0, 5279.0, 5596.0, 5402.0, 5423.0, 5556.0, 5300.0, 5314.0, 5414.0, 5579.0, 5439.0, 5443.0 (number of hits: 2 )
15	5500.0	9	1.0	333	1	5409.0, 5558.0, 5287.0, 5680.0, 5538.0, 5369.0, 5578.0, 5443.0, 5562.0, 5337.0, 5460.0, 5508.0, 5702.0, 5281.0, 5322.0, 5588.0, 5608.0, 5517.0, 5493.0, 5703.0, 5650.0, 5468.0, 5479.0, 5500.0, 5700.0, 5278.0, 5294.0, 5330.0, 5437.0, 5533.0, 5524.0, 5570.0, 5525.0, 5667.0, 5711.0, 5671.0, 5378.0, 5523.0, 5453.0, 5715.0, 5597.0, 5557.0, 5401.0, 5377.0, 5604.0, 5662.0, 5550.0, 5481.0, 5383.0, 5670.0, 5455.0, 5482.0, 5290.0, 5334.0, 5684.0, 5585.0,

						5286.0, 5473.0, 5623.0, 5445.0, 5691.0, 5576.0, 5478.0, 5358.0, 5619.0, 5471.0, 5302.0, 5494.0, 5312.0, 5435.0, 5688.0, 5372.0, 5421.0, 5617.0, 5490.0, 5664.0, 5559.0, 5566.0, 5640.0, 5540.0, 5447.0, 5648.0, 5299.0, 5594.0, 5417.0, 5456.0, 5661.0, 5420.0, 5704.0, 5324.0, 5599.0, 5635.0, 5350.0, 5296.0, 5333.0, 5706.0, 5331.0, 5440.0, 5527.0, 5314.0 (number of hits: 4)
16	5500.0	9	1.0	333	1	5687.0, 5397.0, 5603.0, 5633.0, 5308.0, 5608.0, 5400.0, 5698.0, 5526.0, 5266.0, 5449.0, 5279.0, 5349.0, 5296.0, 5646.0, 5482.0, 5337.0, 5302.0, 5696.0, 5371.0, 5641.0, 5427.0, 5538.0, 5575.0, 5323.0, 5461.0, 5484.0, 5274.0, 5389.0, 5517.0, 5709.0, 5617.0, 5703.0, 5501.0, 5317.0, 5607.0, 5453.0, 5255.0, 5292.0, 5705.0, 5650.0, 5420.0, 5714.0, 5440.0, 5485.0, 5435.0, 5559.0, 5619.0, 5592.0, 5606.0, 5370.0, 5548.0, 5256.0, 5660.0, 5306.0, 5550.0, 5562.0, 5330.0, 5383.0, 5600.0, 5609.0, 5441.0, 5394.0, 5386.0, 5648.0, 5712.0, 5412.0, 5339.0, 5621.0, 5262.0, 5471.0, 5443.0, 5390.0, 5627.0, 5588.0, 5634.0, 5405.0, 5670.0, 5691.0, 5270.0, 5721.0, 5643.0, 5521.0, 5281.0, 5631.0, 5567.0, 5685.0, 5686.0, 5622.0, 5421.0, 5503.0, 5340.0, 5311.0, 5401.0, 5417.0, 5618.0, 5359.0, 5338.0, 5348.0, 5547.0 (number of hits: 2)
17	5500.0	9	1.0	333	1	5454.0, 5318.0, 5358.0, 5561.0, 5406.0, 5711.0, 5505.0, 5432.0, 5625.0, 5426.0, 5322.0, 5694.0, 5563.0, 5600.0, 5581.0, 5500.0, 5416.0, 5525.0, 5510.0, 5663.0, 5486.0, 5578.0, 5539.0, 5709.0, 5521.0, 5637.0, 5307.0, 5275.0, 5377.0, 5364.0, 5464.0, 5302.0, 5614.0, 5404.0, 5260.0, 5526.0, 5366.0, 5288.0, 5649.0, 5473.0, 5611.0, 5698.0, 5646.0, 5583.0, 5483.0, 5468.0, 5555.0, 5292.0, 5673.0, 5267.0, 5361.0, 5458.0, 5462.0, 5467.0, 5504.0, 5342.0, 5639.0, 5574.0, 5596.0, 5579.0, 5405.0, 5284.0, 5677.0, 5475.0, 5453.0, 5445.0, 5429.0, 5619.0, 5569.0, 5627.0, 5255.0, 5365.0, 5253.0, 5309.0, 5552.0, 5653.0, 5479.0, 5262.0, 5401.0, 5344.0, 5332.0, 5547.0, 5352.0, 5424.0, 5346.0, 5622.0, 5325.0, 5387.0, 5635.0, 5618.0, 5713.0, 5274.0, 5442.0, 5571.0, 5363.0, 5369.0, 5641.0, 5590.0, 5289.0, 5478.0 (number of hits: 3)
18	5500.0	9	1.0	333	1	5459.0, 5476.0, 5705.0, 5289.0, 5535.0, 5586.0, 5646.0, 5643.0, 5293.0, 5656.0, 5304.0, 5263.0, 5381.0, 5562.0, 5379.0, 5512.0, 5365.0, 5543.0, 5688.0, 5524.0, 5671.0, 5412.0, 5505.0, 5378.0, 5716.0, 5527.0, 5559.0, 5614.0, 5507.0, 5610.0, 5540.0, 5517.0, 5445.0, 5440.0, 5390.0, 5623.0, 5453.0, 5387.0, 5439.0, 5355.0, 5469.0, 5659.0, 5697.0, 5385.0, 5650.0, 5484.0, 5627.0, 5648.0, 5558.0, 5500.0, 5537.0, 5413.0, 5607.0, 5253.0, 5337.0, 5447.0, 5634.0, 5551.0, 5519.0, 5715.0, 5395.0, 5451.0, 5417.0, 5590.0, 5605.0, 5314.0, 5369.0, 5404.0, 5718.0, 5677.0, 5712.0, 5486.0, 5657.0, 5285.0, 5711.0, 5687.0, 5481.0, 5609.0, 5498.0, 5483.0, 5343.0, 5424.0, 5281.0, 5644.0, 5695.0, 5633.0, 5618.0, 5719.0, 5516.0, 5708.0, 5475.0, 5593.0, 5529.0, 5401.0, 5432.0, 5471.0, 5398.0, 5503.0, 5533.0, 5647.0 (number of hits: 5)
19	5500.0	9	1.0	333	1	5679.0, 5288.0, 5499.0, 5497.0, 5640.0, 5617.0, 5706.0, 5519.0, 5489.0, 5722.0, 5622.0, 5377.0, 5675.0, 5528.0, 5627.0, 5549.0, 5455.0, 5671.0, 5378.0, 5690.0, 5688.0, 5503.0, 5271.0, 5661.0, 5520.0, 5384.0, 5295.0, 5453.0, 5550.0, 5265.0, 5645.0, 5689.0, 5545.0, 5451.0, 5341.0, 5654.0, 5268.0, 5371.0, 5324.0, 5592.0, 5408.0, 5412.0, 5352.0, 5470.0, 5462.0, 5397.0, 5681.0, 5374.0, 5344.0, 5666.0, 5562.0, 5534.0, 5348.0, 5723.0, 5261.0, 5311.0, 5668.0, 5683.0, 5312.0, 5702.0, 5410.0, 5696.0, 5573.0, 5614.0, 5466.0, 5715.0, 5570.0, 5718.0, 5569.0, 5322.0, 5472.0, 5439.0, 5653.0, 5292.0, 5516.0, 5474.0, 5673.0, 5717.0, 5608.0, 5568.0, 5402.0, 5280.0, 5471.0, 5276.0, 5388.0, 5287.0, 5555.0, 5693.0, 5390.0, 5484.0, 5428.0, 5355.0, 5638.0, 5502.0, 5556.0, 5590.0, 5369.0, 5551.0, 5386.0, 5572.0 (number of hits: 4)
20	5500.0	9	1.0	333	1	5316.0, 5407.0, 5387.0, 5419.0, 5437.0, 5356.0, 5534.0, 5566.0, 5721.0, 5328.0, 5569.0, 5473.0, 5314.0, 5648.0, 5600.0, 5372.0, 5706.0, 5388.0, 5408.0, 5452.0, 5707.0, 5447.0, 5398.0, 5692.0,

						5440.0, 5333.0, 5678.0, 5403.0, 5636.0, 5280.0, 5424.0, 5704.0, 5658.0, 5522.0, 5591.0, 5476.0, 5438.0, 5335.0, 5284.0, 5509.0, 5456.0, 5368.0, 5708.0, 5297.0, 5310.0, 5395.0, 5576.0, 5709.0, 5693.0, 5315.0, 5367.0, 5324.0, 5697.0, 5418.0, 5270.0, 5621.0, 5531.0, 5572.0, 5425.0, 5654.0, 5461.0, 5266.0, 5681.0, 5627.0, 5632.0, 5436.0, 5557.0, 5530.0, 5479.0, 5390.0, 5468.0, 5481.0, 5370.0, 5604.0, 5317.0, 5655.0, 5497.0, 5615.0, 5433.0, 5464.0, 5634.0, 5337.0, 5607.0, 5602.0, 5267.0, 5487.0, 5664.0, 5657.0, 5651.0, 5568.0, 5611.0, 5567.0, 5503.0, 5366.0, 5624.0, 5321.0, 5441.0, 5593.0, 5637.0, 5292.0 (number of hits: 2 )
21	5500.0	9	1.0	333	1	5372.0, 5506.0, 5631.0, 5255.0, 5632.0, 5287.0, 5564.0, 5595.0, 5720.0, 5621.0, 5715.0, 5523.0, 5324.0, 5473.0, 5393.0, 5285.0, 5419.0, 5566.0, 5477.0, 5472.0, 5528.0, 5577.0, 5435.0, 5291.0, 5420.0, 5697.0, 5547.0, 5263.0, 5371.0, 5342.0, 5667.0, 5647.0, 5482.0, 5417.0, 5588.0, 5614.0, 5327.0, 5320.0, 5708.0, 5593.0, 5481.0, 5364.0, 5290.0, 5696.0, 5426.0, 5480.0, 5690.0, 5545.0, 5493.0, 5283.0, 5398.0, 5315.0, 5651.0, 5548.0, 5252.0, 5284.0, 5579.0, 5447.0, 5502.0, 5446.0, 5693.0, 5307.0, 5464.0, 5527.0, 5259.0, 5684.0, 5319.0, 5569.0, 5542.0, 5666.0, 5424.0, 5337.0, 5707.0, 5538.0, 5430.0, 5724.0, 5272.0, 5615.0, 5257.0, 5453.0, 5581.0, 5413.0, 5698.0, 5254.0, 5264.0, 5452.0, 5363.0, 5714.0, 5410.0, 5662.0, 5541.0, 5554.0, 5469.0, 5300.0, 5301.0, 5503.0, 5335.0, 5659.0, 5536.0, 5265.0 (number of hits: 4 )
22	5500.0	9	1.0	333	1	5321.0, 5708.0, 5571.0, 5335.0, 5350.0, 5498.0, 5334.0, 5297.0, 5442.0, 5320.0, 5660.0, 5367.0, 5720.0, 5267.0, 5685.0, 5554.0, 5440.0, 5669.0, 5381.0, 5653.0, 5376.0, 5398.0, 5400.0, 5459.0, 5520.0, 5578.0, 5507.0, 5497.0, 5582.0, 5712.0, 5719.0, 5436.0, 5365.0, 5451.0, 5476.0, 5683.0, 5630.0, 5341.0, 5528.0, 5690.0, 5603.0, 5420.0, 5503.0, 5319.0, 5426.0, 5285.0, 5337.0, 5430.0, 5452.0, 5372.0, 5284.0, 5656.0, 5511.0, 5559.0, 5512.0, 5573.0, 5389.0, 5416.0, 5396.0, 5579.0, 5464.0, 5409.0, 5345.0, 5560.0, 5570.0, 5317.0, 5572.0, 5644.0, 5304.0, 5674.0, 5534.0, 5298.0, 5468.0, 5455.0, 5598.0, 5469.0, 5676.0, 5527.0, 5535.0, 5275.0, 5412.0, 5597.0, 5625.0, 5312.0, 5649.0, 5327.0, 5422.0, 5541.0, 5595.0, 5306.0, 5453.0, 5617.0, 5458.0, 5287.0, 5682.0, 5424.0, 5392.0, 5336.0, 5444.0, 5270.0 (number of hits: 4 )
23	5500.0	9	1.0	333	1	5492.0, 5345.0, 5349.0, 5604.0, 5566.0, 5372.0, 5573.0, 5397.0, 5438.0, 5506.0, 5653.0, 5711.0, 5329.0, 5472.0, 5330.0, 5432.0, 5587.0, 5688.0, 5646.0, 5365.0, 5511.0, 5292.0, 5520.0, 5641.0, 5557.0, 5634.0, 5680.0, 5315.0, 5297.0, 5450.0, 5455.0, 5452.0, 5369.0, 5658.0, 5418.0, 5298.0, 5576.0, 5267.0, 5523.0, 5423.0, 5453.0, 5395.0, 5306.0, 5669.0, 5250.0, 5593.0, 5385.0, 5446.0, 5494.0, 5275.0, 5280.0, 5578.0, 5616.0, 5668.0, 5533.0, 5676.0, 5487.0, 5348.0, 5302.0, 5305.0, 5705.0, 5398.0, 5522.0, 5644.0, 5709.0, 5617.0, 5585.0, 5710.0, 5286.0, 5699.0, 5700.0, 5326.0, 5480.0, 5312.0, 5633.0, 5373.0, 5536.0, 5558.0, 5410.0, 5519.0, 5484.0, 5308.0, 5359.0, 5467.0, 5693.0, 5545.0, 5577.0, 5507.0, 5703.0, 5569.0, 5716.0, 5387.0, 5479.0, 5595.0, 5528.0, 5489.0, 5336.0, 5474.0, 5713.0, 5351.0 (number of hits: 4 )
24	5500.0	9	1.0	333	1	5525.0, 5419.0, 5283.0, 5636.0, 5304.0, 5617.0, 5659.0, 5284.0, 5568.0, 5461.0, 5674.0, 5474.0, 5621.0, 5692.0, 5453.0, 5600.0, 5289.0, 5303.0, 5693.0, 5686.0, 5443.0, 5569.0, 5392.0, 5250.0, 5491.0, 5618.0, 5586.0, 5543.0, 5364.0, 5520.0, 5656.0, 5653.0, 5495.0, 5429.0, 5434.0, 5363.0, 5532.0, 5637.0, 5528.0, 5435.0, 5253.0, 5625.0, 5489.0, 5334.0, 5278.0, 5584.0, 5425.0, 5442.0, 5399.0, 5643.0, 5605.0, 5349.0, 5604.0, 5666.0, 5431.0, 5552.0, 5368.0, 5610.0, 5268.0, 5588.0, 5587.0, 5658.0, 5360.0, 5551.0, 5306.0, 5383.0, 5503.0, 5272.0, 5530.0, 5531.0, 5559.0, 5353.0, 5373.0, 5579.0, 5485.0, 5703.0, 5721.0, 5261.0, 5308.0, 5440.0, 5620.0, 5567.0, 5575.0, 5370.0, 5599.0, 5663.0, 5448.0, 5346.0, 5388.0, 5472.0, 5574.0, 5329.0, 5655.0, 5470.0, 5420.0, 5534.0,



						5723.0, 5407.0, 5609.0, 5717.0 (number of hits: 3 )
25	5500.0	9	1.0	333	1	5278.0, 5317.0, 5511.0, 5377.0, 5586.0, 5447.0, 5622.0, 5413.0, 5594.0, 5567.0, 5411.0, 5344.0, 5466.0, 5701.0, 5558.0, 5432.0, 5473.0, 5267.0, 5660.0, 5385.0, 5297.0, 5595.0, 5443.0, 5294.0, 5718.0, 5264.0, 5306.0, 5711.0, 5565.0, 5661.0, 5536.0, 5321.0, 5689.0, 5383.0, 5338.0, 5336.0, 5515.0, 5484.0, 5370.0, 5647.0, 5408.0, 5526.0, 5279.0, 5690.0, 5412.0, 5679.0, 5293.0, 5704.0, 5611.0, 5309.0, 5397.0, 5543.0, 5542.0, 5605.0, 5627.0, 5495.0, 5529.0, 5566.0, 5490.0, 5457.0, 5277.0, 5630.0, 5459.0, 5652.0, 5415.0, 5431.0, 5662.0, 5541.0, 5389.0, 5671.0, 5250.0, 5320.0, 5537.0, 5619.0, 5410.0, 5510.0, 5487.0, 5479.0, 5719.0, 5367.0, 5361.0, 5400.0, 5694.0, 5642.0, 5409.0, 5695.0, 5645.0, 5723.0, 5686.0, 5659.0, 5439.0, 5669.0, 5464.0, 5551.0, 5287.0, 5532.0, 5327.0, 5303.0, 5649.0, 5571.0 (number of hits: 1 )
26	5500.0	9	1.0	333	1	5260.0, 5688.0, 5592.0, 5439.0, 5291.0, 5467.0, 5433.0, 5572.0, 5512.0, 5453.0, 5699.0, 5652.0, 5340.0, 5388.0, 5262.0, 5538.0, 5419.0, 5679.0, 5721.0, 5366.0, 5554.0, 5553.0, 5583.0, 5661.0, 5426.0, 5423.0, 5342.0, 5689.0, 5372.0, 5653.0, 5392.0, 5493.0, 5716.0, 5611.0, 5693.0, 5558.0, 5703.0, 5383.0, 5450.0, 5654.0, 5416.0, 5490.0, 5462.0, 5667.0, 5459.0, 5536.0, 5552.0, 5363.0, 5317.0, 5326.0, 5329.0, 5445.0, 5422.0, 5285.0, 5435.0, 5681.0, 5633.0, 5520.0, 5368.0, 5378.0, 5595.0, 5321.0, 5557.0, 5405.0, 5483.0, 5293.0, 5584.0, 5579.0, 5259.0, 5687.0, 5664.0, 5479.0, 5559.0, 5452.0, 5543.0, 5257.0, 5530.0, 5531.0, 5709.0, 5492.0, 5714.0, 5460.0, 5344.0, 5338.0, 5601.0, 5296.0, 5444.0, 5420.0, 5424.0, 5616.0, 5651.0, 5635.0, 5607.0, 5376.0, 5335.0, 5398.0, 5708.0, 5648.0, 5357.0, 5645.0 (number of hits: 2 )
27	5500.0	9	1.0	333	1	5585.0, 5632.0, 5718.0, 5474.0, 5369.0, 5310.0, 5251.0, 5496.0, 5448.0, 5335.0, 5479.0, 5689.0, 5503.0, 5562.0, 5382.0, 5526.0, 5306.0, 5391.0, 5342.0, 5314.0, 5473.0, 5316.0, 5330.0, 5329.0, 5619.0, 5617.0, 5403.0, 5589.0, 5415.0, 5649.0, 5697.0, 5662.0, 5490.0, 5653.0, 5266.0, 5318.0, 5424.0, 5611.0, 5633.0, 5286.0, 5300.0, 5596.0, 5440.0, 5646.0, 5325.0, 5309.0, 5288.0, 5581.0, 5677.0, 5601.0, 5373.0, 5362.0, 5582.0, 5295.0, 5595.0, 5660.0, 5317.0, 5358.0, 5393.0, 5556.0, 5456.0, 5408.0, 5608.0, 5655.0, 5641.0, 5345.0, 5603.0, 5573.0, 5442.0, 5472.0, 5615.0, 5493.0, 5610.0, 5264.0, 5303.0, 5724.0, 5536.0, 5531.0, 5284.0, 5516.0, 5683.0, 5515.0, 5528.0, 5497.0, 5489.0, 5634.0, 5427.0, 5626.0, 5451.0, 5532.0, 5398.0, 5405.0, 5339.0, 5443.0, 5519.0, 5361.0, 5654.0, 5599.0, 5509.0, 5468.0 (number of hits: 4 )
28	5500.0	9	1.0	333	0	
29	5500.0	9	1.0	333	1	5689.0, 5381.0, 5291.0, 5713.0, 5548.0, 5354.0, 5655.0, 5662.0, 5637.0, 5703.0, 5393.0, 5507.0, 5264.0, 5701.0, 5601.0, 5614.0, 5349.0, 5357.0, 5533.0, 5418.0, 5448.0, 5540.0, 5369.0, 5716.0, 5565.0, 5641.0, 5571.0, 5363.0, 5501.0, 5428.0, 5715.0, 5666.0, 5330.0, 5642.0, 5367.0, 5465.0, 5360.0, 5282.0, 5305.0, 5589.0, 5550.0, 5644.0, 5267.0, 5414.0, 5413.0, 5390.0, 5389.0, 5480.0, 5615.0, 5358.0, 5616.0, 5261.0, 5499.0, 5620.0, 5676.0, 5704.0, 5559.0, 5410.0, 5273.0, 5254.0, 5584.0, 5678.0, 5347.0, 5423.0, 5455.0, 5608.0, 5421.0, 5682.0, 5376.0, 5544.0, 5536.0, 5406.0, 5469.0, 5467.0, 5649.0, 5323.0, 5574.0, 5524.0, 5596.0, 5680.0, 5579.0, 5356.0, 5334.0, 5561.0, 5256.0, 5352.0, 5582.0, 5372.0, 5344.0, 5355.0, 5392.0, 5657.0, 5280.0, 5593.0, 5513.0, 5581.0, 5307.0, 5560.0, 5535.0, 5585.0 (number of hits: 3 )
30	5500.0	9	1.0	333	1	5390.0, 5560.0, 5538.0, 5502.0, 5627.0, 5702.0, 5308.0, 5554.0, 5577.0, 5568.0, 5487.0, 5309.0, 5433.0, 5651.0, 5523.0, 5685.0, 5369.0, 5541.0, 5515.0, 5432.0, 5588.0, 5326.0, 5429.0, 5431.0, 5603.0, 5310.0, 5274.0, 5407.0, 5459.0, 5469.0, 5438.0, 5500.0, 5639.0, 5605.0, 5546.0, 5280.0, 5653.0, 5557.0, 5658.0, 5335.0, 5337.0, 5481.0, 5542.0, 5298.0, 5374.0, 5262.0, 5348.0, 5612.0, 5383.0, 5417.0, 5398.0, 5686.0, 5312.0, 5389.0, 5463.0, 5650.0,

						5496.0, 5284.0, 5279.0, 5324.0, 5317.0, 5684.0, 5503.0, 5394.0, 5364.0, 5614.0, 5701.0, 5573.0, 5524.0, 5683.0, 5288.0, 5359.0, 5662.0, 5336.0, 5530.0, 5563.0, 5358.0, 5545.0, 5622.0, 5273.0, 5482.0, 5660.0, 5559.0, 5401.0, 5440.0, 5416.0, 5410.0, 5636.0, 5466.0, 5477.0, 5297.0, 5597.0, 5371.0, 5497.0, 5314.0, 5268.0, 5589.0, 5353.0, 5451.0, 5599.0 (number of hits: 5 )
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**P2MP Mode  
Iron Radio****5510 MHz, 40 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	96.7 %	60%	Pass
<b>Type 2</b>	30	86.7 %	60%	Pass
<b>Type 3</b>	30	86.7 %	60%	Pass
<b>Type 4</b>	30	80 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	87.5 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	81	1.0	658	1
2	78	1.0	678	1
3	61	1.0	878	1
4	67	1.0	798	1
5	63	1.0	838	1
6	65	1.0	818	1
7	74	1.0	718	0
8	76	1.0	698	1
9	83	1.0	638	1
10	70	1.0	758	1
11	59	1.0	898	1
12	72	1.0	738	1
13	18	1.0	3066	1
14	89	1.0	598	1
15	92	1.0	578	1
16	33	1.0	1624	1
17	65	1.0	812	1
18	25	1.0	2153	1
19	36	1.0	1497	1
20	62	1.0	852	1
21	24	1.0	2227	1
22	23	1.0	2349	1
23	18	1.0	3025	1
24	23	1.0	2381	1
25	25	1.0	2171	1
26	18	1.0	2973	1
27	20	1.0	2686	1
28	24	1.0	2220	1
29	26	1.0	2085	1
30	20	1.0	2644	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	26	5.0	194	1
2	28	3.3	202	1
3	23	4.8	214	1
4	23	3.0	183	0
5	28	1.6	215	1
6	28	2.8	190	1
7	25	2.4	226	1
8	25	1.5	159	1
9	24	4.1	209	1
10	23	2.9	153	0
11	25	2.2	184	1
12	25	4.9	186	1
13	29	4.1	153	1
14	29	5.0	182	1
15	23	2.5	191	1
16	26	2.3	187	1
17	24	2.8	205	1
18	25	1.9	223	1
19	24	2.3	194	0
20	26	3.7	191	1
21	24	2.2	191	1
22	27	3.1	177	1
23	25	3.2	208	1
24	27	3.0	158	0
25	25	4.7	166	1
26	29	1.7	177	1
27	27	1.9	181	1
28	29	3.5	188	1
29	27	1.5	210	1
30	24	4.2	218	1
<b>Detection Percentage: 86.7 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	17	8.3	325	1
2	16	6.9	377	1
3	16	7.3	423	1
4	18	9.3	336	1
5	18	7.2	354	1
6	18	6.6	339	1
7	18	6.5	437	1
8	17	9.0	296	1
9	16	7.8	278	1
10	18	7.1	206	1
11	18	7.2	208	1
12	18	7.1	306	1
13	16	8.3	369	0
14	16	9.8	362	1
15	17	10.0	268	1
16	17	8.1	219	1
17	17	6.5	326	1
18	16	9.6	213	0
19	17	8.4	435	1
20	16	9.8	270	1
21	18	6.2	444	1
22	18	9.6	325	1
23	18	8.6	209	1
24	16	6.9	274	1
25	16	7.0	412	1
26	18	6.8	481	1
27	16	6.1	339	0
28	18	6.7	462	1
29	18	6.1	470	1
30	16	7.8	484	0
<b>Detection Percentage: 86.7 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	16	16.8	233	0
2	14	19.6	414	1
3	13	13.6	478	1
4	14	19.5	445	1
5	13	16.9	353	1
6	12	17.2	432	1
7	14	17.3	322	1
8	13	18.4	496	1
9	12	15.3	280	1
10	14	19.1	348	0
11	13	15.1	363	1
12	12	16.8	315	0
13	14	19.4	366	1
14	16	11.7	484	1
15	12	14.8	471	1
16	16	16.6	203	0
17	16	15.8	351	1
18	14	17.6	463	1
19	12	13.5	357	1
20	16	17.3	244	1
21	12	19.4	353	0
22	13	17.3	418	1
23	15	17.4	259	1
24	16	18.5	392	1
25	14	16.7	447	1
26	13	11.1	257	1
27	15	13.9	342	1
28	12	19.0	242	1
29	12	11.1	341	0
30	12	15.8	248	1
<b>Detection Percentage: 80 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5510	1
2	5510	1
3	5510	1
4	5510	1
5	5510	1
6	5510	1
7	5510	1
8	5510	1
9	5510	1
10	5510	1
11	5496.3	1
12	5495.5	1
13	5497.1	1
14	5499.5	1
15	5496.3	1
16	5499.1	1
17	5494.3	1
18	5495.5	1
19	5499.1	1
20	5495.9	1
21	5522.5	1
22	5521.7	1
23	5524.9	1
24	5521.7	1
25	5521.3	1
26	5525.7	1
27	5523.3	1
28	5524.5	1
29	5524.5	1
30	5520.9	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		



## Bin5 Statistics 1

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (μS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	3	8	91.5	1446	1715	0.037938	1
1	2	8	64.7	1472		1.011069	
2	1	8	65.9			1.598809	
3	2	8	52.3	1286		2.319696	
4	2	8	99.2	1830		3.229117	
5	2	8	61.3	1637		3.866515	
6	3	8	89.8	1335	1184	4.535401	
7	2	8	99.5	1015		5.169537	
8	2	8	87.9	1677		5.473965	
9	3	8	90.7	1174	1133	6.527473	
10	2	8	93.5	1516		7.306002	
11	2	8	51.7	1473		7.402649	
12	2	8	53.9	1683		8.580023	
13	1	8	72.3			8.959011	
14	2	8	51.0	1961		9.931668	
15	1	8	64.9			10.212553	
16	3	8	79.3	1430	1773	10.878300	
17	1	8	88.2			11.496353	

## Bin5 Statistics 2

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (µS)</b>	<b>Pulse 2-3 spacing (µS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	3	12	55.4	1710	1638	0.349043	1
1	2	12	76.5	1366		1.067451	
2	2	12	57.9	1464		1.521889	
3	1	12	66.6			1.940200	
4	2	12	75.6	1362		3.124100	
5	2	12	76.1	1723		3.443668	
6	1	12	72.5			4.241803	
7	2	12	72.5	1335		5.018886	
8	2	12	86.4	1480		5.657719	
9	1	12	50.7			6.035752	
10	2	12	70.0	1330		6.697648	
11	3	12	97.3	1349	1896	7.060905	
12	2	12	57.7	1083		7.780325	
13	1	12	68.2			8.377783	
14	2	12	51.0	1315		9.024019	
15	3	12	65.1	1923	1937	9.479885	
16	1	12	86.0			10.115899	
17	2	12	83.1	1876		10.909208	
18	1	12	60.9			11.385471	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	87.7	1159		0.590303	1
1	2	15	78.4	1989		1.174229	
2	2	15	94.2	1240		1.697828	
3	1	15	51.2			2.351607	
4	1	15	66.1			2.540667	
5	2	15	97.7	1281		3.234706	
6	2	15	76.6	1362		4.142753	
7	2	15	69.3	1989		4.394745	
8	2	15	90.2	1328		5.086487	
9	2	15	60.1	1767		5.604533	
10	2	15	98.0	1544		6.273977	
11	2	15	93.4	1209		6.962789	
12	2	15	88.4	1577		7.432624	
13	3	15	94.2	1758	1098	7.925016	
14	2	15	63.2	1495		8.627298	
15	3	15	76.4	1571	1633	9.096574	
16	2	15	88.2	1166		10.104986	
17	2	15	59.6	1347		10.383590	
18	1	15	97.8			11.154603	
19	2	15	67.2	1660		11.991795	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	87.1	1930		0.638024	1
1	2	15	81.6	1883		1.151903	
2	3	15	97.1	1119	1578	2.328399	
3	1	15	68.4			2.554897	
4	1	15	85.9			3.535746	
5	3	15	75.4	1802	1654	4.299746	
6	1	15	65.3			5.334887	
7	3	15	54.1	1510	1694	6.237955	
8	3	15	72.1	1360	1901	6.719545	
9	3	15	69.7	1688	1901	7.482780	
10	1	15	78.0			8.343322	
11	2	15	60.9	1301		9.467368	
12	3	15	56.8	1575	1198	9.654909	
13	2	15	74.4	1274		10.765919	
14	1	15	61.2			11.218737	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	92.7	1100		0.715580	1
1	3	9	53.1	1282	1102	1.512941	
2	2	9	85.0	1583		1.683344	
3	2	9	79.0	1099		2.498405	
4	1	9	97.2			3.535446	
5	1	9	67.1			4.599262	
6	1	9	63.9			5.456441	
7	2	9	59.5	1017		5.855530	
8	1	9	61.6			6.862960	
9	2	9	65.0	1872		7.706821	
10	2	9	80.9	1612		8.119761	
11	3	9	89.5	1880	1714	9.135469	
12	1	9	79.3			9.803193	
13	3	9	81.8	1157	1404	11.178931	
14	2	9	66.5	1992		11.844007	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	50.3			0.913596	1
1	2	16	97.0	1769		1.587131	
2	1	16	88.2			2.452298	
3	2	16	60.8	1376		3.558659	
4	2	16	79.4	1758		4.894059	
5	3	16	76.3	1935	1563	5.991879	
6	3	16	54.5	1570	1971	6.060297	
7	2	16	67.0	1724		7.340368	
8	2	16	90.8	1153		8.620591	
9	2	16	83.5	1809		9.686812	
10	3	16	64.6	1896	1490	10.463034	
11	1	16	90.6			11.350413	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	91.7			0.220779	1
1	2	5	54.9	1012		0.936431	
2	3	5	62.7	1481	1914	1.485889	
3	3	5	53.7	1130	1858	1.994554	
4	2	5	66.7	1228		3.046566	
5	3	5	73.5	1283	1515	3.678119	
6	3	5	80.5	1455	1773	4.053128	
7	2	5	96.3	1064		4.989039	
8	1	5	81.1			5.631344	
9	2	5	57.6	1591		6.263147	
10	3	5	60.2	1022	1151	6.733289	
11	2	5	77.0	1716		6.957935	
12	1	5	98.8			7.592029	
13	1	5	77.3			8.258524	
14	1	5	84.7			8.959559	
15	2	5	80.6	1133		9.762649	
16	1	5	94.4			10.197050	
17	2	5	80.1	1659		11.194913	
18	2	5	91.0	1108		11.432756	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	61.9	1778		0.356267	1
1	1	15	55.1			1.567036	
2	2	15	81.5	1692		3.034090	
3	1	15	61.3			3.817485	
4	1	15	56.8			4.960605	
5	3	15	98.6	1766	1239	6.257528	
6	3	15	58.1	1443	1944	7.227683	
7	2	15	91.2	1789		8.842288	
8	1	15	93.9			9.967124	
9	2	15	53.2	1936		11.459113	

## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	88.0			0.573233	1
1	1	8	64.9			1.229864	
2	2	8	90.7	1575		3.350162	
3	2	8	65.4	1860		3.891829	
4	1	8	57.4			5.420001	
5	2	8	51.5	1621		7.063911	
6	2	8	81.2	1621		7.238107	
7	3	8	56.2	1583	1329	9.437076	
8	1	8	53.6			10.520167	
9	1	8	84.0			11.739430	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	94.0	1047		0.517591	1
1	3	6	65.1	1517	1620	1.966237	
2	2	6	62.2	1310		2.572024	
3	2	6	52.0	1401		3.260856	
4	1	6	55.1			4.406424	
5	1	6	94.4			5.127091	
6	2	6	96.5	1495		6.873836	
7	2	6	69.8	1375		7.341065	
8	2	6	59.2	1189		8.074618	
9	3	6	97.3	1367	1934	9.346547	
10	2	6	90.8	1178		10.679579	
11	2	6	61.0	1066		11.531094	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	68.3	1289	1762	0.477808	1
1	3	12	79.5	1724	1400	1.171587	
2	2	12	92.7	1593		2.026827	
3	2	12	83.8	1869		3.555145	
4	2	12	54.6	1744		4.583538	
5	1	12	78.9			4.948894	
6	1	12	73.2			5.832761	
7	2	12	87.1	1455		6.732836	
8	1	12	64.1			8.244864	
9	2	12	60.6	1382		9.103571	
10	3	12	83.3	1467	1056	9.592744	
11	3	12	84.6	1582	1863	11.002632	
12	2	12	87.7	1358		11.736992	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	68.1	1409		0.055571	1
1	2	10	53.8	1320		0.721534	
2	3	10	55.0	1009	1588	1.611978	
3	1	10	87.2			2.578835	
4	3	10	55.6	1244	1089	3.500594	
5	2	10	73.5	1117		4.039138	
6	2	10	55.2	1808		4.465743	
7	2	10	84.1	1656		5.357168	
8	2	10	74.5	1856		6.052896	
9	2	10	65.6	1904		6.900261	
10	1	10	96.9			7.368976	
11	1	10	74.9			8.390775	
12	3	10	82.9	1604	1669	9.065457	
13	2	10	91.0	1951		9.470845	
14	2	10	94.1	1024		9.894559	
15	1	10	71.5			11.074619	
16	1	10	97.4			11.623998	



## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	56.1	1501		0.369748	1
1	3	14	91.0	1051	1850	1.147582	
2	1	14	61.3			2.108227	
3	2	14	63.3	1054		2.696353	
4	3	14	89.4	1981	1159	3.532515	
5	2	14	92.1	1450		4.235064	
6	2	14	58.0	1407		5.064417	
7	1	14	99.3			5.663307	
8	2	14	74.1	1251		6.645994	
9	3	14	69.8	1683	1095	7.391157	
10	3	14	73.5	1653	1261	7.694332	
11	1	14	97.2			8.725207	
12	2	14	53.0	1399		9.714699	
13	2	14	50.5	1147		9.864239	
14	2	14	78.8	1328		10.951245	
15	2	14	93.9	1808		11.770077	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	51.5			0.888991	1
1	1	20	69.4			1.434712	
2	2	20	53.2	1732		2.211920	
3	1	20	65.1			3.057747	
4	3	20	67.0	1788	1583	4.351409	
5	3	20	79.8	1030	1364	5.312539	
6	3	20	77.1	1618	1805	6.359536	
7	3	20	81.1	1640	1663	6.649285	
8	2	20	99.4	1812		7.888294	
9	3	20	63.6	1201	1087	8.782175	
10	2	20	71.5	1884		9.234407	
11	3	20	93.8	1325	1052	10.186389	
12	2	20	50.5	1594		11.898824	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	70.6	1606	1452	0.092235	1
1	2	12	56.5	1698		0.868522	
2	1	12	57.1			1.749577	
3	3	12	64.5	1443	1698	3.064918	
4	3	12	83.4	1624	1630	3.616717	
5	3	12	97.9	1144	1305	4.364474	
6	1	12	93.8			5.233805	
7	3	12	81.9	1975	1448	6.555681	
8	2	12	82.8	1932		7.522626	
9	2	12	74.4	1943		8.304808	
10	2	12	60.2	1984		8.916387	
11	2	12	66.4	1809		9.463061	
12	1	12	72.4			10.796182	
13	3	12	51.2	1484	1478	11.877607	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	90.7	1362		0.836519	1
1	1	19	79.1			1.688329	
2	1	19	82.5			2.558883	
3	2	19	86.6	1978		4.354416	
4	3	19	88.6	1044	1056	4.391605	
5	1	19	72.4			6.179860	
6	2	19	54.8	1985		6.805475	
7	1	19	73.6			7.759513	
8	2	19	71.5	1145		9.792981	
9	2	19	54.7	1413		10.650776	
10	1	19	83.6			11.106056	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	87.9			0.627484	1
1	2	7	75.4	1821		1.499518	
2	2	7	79.5	1087		2.336391	
3	1	7	83.5			2.408898	
4	1	7	51.7			3.737140	
5	2	7	87.4	1207		4.067656	
6	3	7	63.6	1396	1862	5.592433	
7	2	7	85.6	1914		6.212868	
8	1	7	72.3			6.671351	
9	2	7	96.5	1051		7.522817	
10	3	7	72.4	1508	1965	8.792545	
11	3	7	57.3	1187	1542	9.466860	
12	3	7	58.1	1231	1518	10.061955	
13	1	7	87.2			10.890690	
14	2	7	90.7	1848		11.747195	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	90.5	1621		0.453347	1
1	2	10	80.9	1125		1.066907	
2	2	10	86.2	1189		1.455298	
3	2	10	55.9	1069		2.217285	
4	2	10	89.0	1587		3.061657	
5	1	10	83.4			3.614578	
6	2	10	90.5	1676		3.960023	
7	3	10	70.8	1790	1102	4.817841	
8	2	10	54.7	1037		5.328650	
9	2	10	88.9	1407		5.836886	
10	2	10	93.4	1715		6.552090	
11	2	10	53.6	1081		7.463447	
12	2	10	53.6	1049		7.924943	
13	1	10	73.0			8.212685	
14	1	10	85.0			9.184124	
15	2	10	53.8	1733		9.722375	
16	1	10	71.8			10.687198	
17	1	10	53.1			10.773604	
18	2	10	88.6	1080		11.435276	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	58.4	1244	1088	0.141617	1
1	2	19	74.1	1863		0.877289	
2	2	19	62.2	1307		2.062800	
3	2	19	72.8	1557		2.659199	
4	3	19	72.1	1166	1049	3.586018	
5	2	19	74.7	1424		4.591278	
6	1	19	56.1			5.128991	
7	2	19	77.2	1529		5.695021	
8	2	19	94.2	1316		6.926305	
9	2	19	52.1	1380		7.614474	
10	2	19	99.1	1769		8.164816	
11	2	19	62.0	1577		9.247663	
12	2	19	94.7	1996		9.919021	
13	2	19	68.0	1044		10.831994	
14	2	19	85.5	1991		11.862603	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	96.2	1045		0.200843	1
1	2	11	93.4	1769		1.210093	
2	2	11	97.9	1948		1.897543	
3	3	11	59.0	1027	1487	3.435621	
4	3	11	66.4	1332	1899	3.754236	
5	2	11	51.1	1364		4.677243	
6	1	11	57.9			6.076301	
7	2	11	56.4	1697		7.366257	
8	2	11	99.9	1208		8.094439	
9	3	11	77.2	1120	1003	8.552581	
10	3	11	55.3	1186	1017	9.543556	
11	1	11	50.8			11.055467	
12	2	11	99.3	1607		11.832964	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	89.1	1767		0.525008	1
1	3	15	75.6	1074	1706	1.128111	
2	2	15	75.9	1931		1.748404	
3	1	15	91.7			2.259218	
4	2	15	82.0	1592		2.681415	
5	1	15	99.3			3.016110	
6	1	15	65.4			4.180200	
7	2	15	68.3	1825		4.459706	
8	3	15	69.7	1636	1648	4.869477	
9	3	15	64.8	1901	1699	5.959928	
10	3	15	62.4	1625	1836	6.361966	
11	2	15	50.8	1511		6.866180	
12	3	15	68.8	1890	1602	7.351278	
13	2	15	67.5	1143		8.374093	
14	3	15	73.4	1352	1117	8.853883	
15	2	15	59.0	1952		9.177909	
16	1	15	57.2			9.911538	
17	1	15	82.4			10.587130	
18	3	15	77.6	1961	1253	11.025809	
19	3	15	76.2	1719	1147	11.752560	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	64.8	1511		0.220989	1
1	1	17	69.8			1.144452	
2	2	17	75.0	1457		2.104472	
3	1	17	65.4			3.409290	
4	2	17	54.0	1167		4.704239	
5	2	17	70.2	1268		5.094680	
6	3	17	98.9	1999	1120	6.090028	
7	2	17	51.6	1651		7.371467	
8	3	17	71.0	1492	1844	8.237935	
9	2	17	97.4	1080		9.183387	
10	2	17	81.4	1936		10.553474	
11	2	17	76.6	1456		11.364957	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	89.0	1824		0.530355	1
1	2	9	91.5	1642		0.804482	
2	3	9	53.0	1802	1684	1.754090	
3	2	9	79.8	1449		2.351780	
4	2	9	71.4	1707		3.206099	
5	1	9	64.6			3.394311	
6	3	9	85.6	1261	1884	4.055921	
7	2	9	78.3	1239		5.068778	
8	3	9	74.3	1187	1388	5.701167	
9	2	9	89.2	1951		6.501986	
10	2	9	77.1	1903		6.733062	
11	3	9	68.6	1267	1431	7.833654	
12	2	9	91.1	1941		8.257224	
13	3	9	77.2	1301	1448	8.797659	
14	1	9	69.6			9.882215	
15	2	9	77.9	1299		10.389048	
16	1	9	51.3			11.027767	
17	3	9	50.5	1417	1955	11.831592	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	53.1	1018		1.260338	1
1	2	17	65.4	1390		2.194748	
2	1	17	60.1			3.941454	
3	1	17	59.3			4.825979	
4	1	17	54.8			7.263880	
5	2	17	85.2	1900		7.904055	
6	2	17	91.4	1028		9.887183	
7	2	17	84.0	1333		10.810967	

## Bin5 Statistics 25

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	2	18	75.1	1998		0.167499	1
1	2	18	64.7	1423		1.014038	
2	3	18	72.2	1571	1755	1.400678	
3	2	18	81.8	1187		2.598390	
4	2	18	58.6	1080		3.054472	
5	3	18	77.7	1732	1028	3.980980	
6	3	18	81.7	1026	1516	4.357769	
7	2	18	50.5	1301		4.897216	
8	2	18	57.8	1365		5.810223	
9	1	18	78.4			6.505053	
10	3	18	75.2	1359	1656	7.168262	
11	2	18	95.6	1653		7.771289	
12	2	18	93.0	1619		8.285285	
13	2	18	85.7	1553		9.166767	
14	2	18	54.2	1213		9.375220	
15	1	18	98.8			10.550493	
16	1	18	71.6			11.161785	
17	3	18	50.2	1579	1667	11.719923	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	59.9			0.231769	1
1	3	7	94.6	1732	1783	1.239892	
2	2	7	71.7	1469		1.855638	
3	3	7	91.4	1121	1714	2.786533	
4	2	7	75.1	1813		3.812976	
5	2	7	61.0	1975		4.532674	
6	1	7	88.6			4.906796	
7	2	7	65.8	1859		5.825496	
8	3	7	81.4	1603	1312	6.538808	
9	1	7	58.6			7.580674	
10	2	7	77.1	1270		8.227957	
11	1	7	97.9			9.329194	
12	3	7	57.1	1520	1560	10.029871	
13	2	7	60.6	1141		10.660608	
14	3	7	55.0	1634	1658	11.418919	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	97.5	1351		0.745461	1
1	2	13	51.5	1164		1.909276	
2	2	13	53.1	1348		3.892135	
3	1	13	51.6			4.973435	
4	2	13	69.4	1498		6.694507	
5	2	13	64.9	1297		8.919014	
6	1	13	70.2			10.180619	
7	2	13	83.9	1213		11.635776	



## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	72.3	1808		0.562186	1
1	2	10	65.9	1203		1.183532	
2	3	10	53.2	1321	1605	1.583363	
3	2	10	65.9	1196		2.344034	
4	2	10	88.1	1283		3.509607	
5	1	10	88.1			4.249455	
6	2	10	88.0	1763		4.772119	
7	3	10	65.9	1260	1308	5.771148	
8	3	10	71.9	1675	1317	6.493964	
9	1	10	97.2			7.209145	
10	1	10	82.2			7.703899	
11	2	10	61.2	1428		8.712876	
12	2	10	68.9	1720		9.354764	
13	2	10	78.5	1783		10.347488	
14	3	10	74.3	1904	1664	11.146016	
15	2	10	76.4	1655		11.314246	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	97.6			0.691983	1
1	3	11	95.6	1021	1800	1.230556	
2	1	11	78.6			2.820648	
3	2	11	51.7	1243		3.540745	
4	2	11	67.5	1446		4.247355	
5	2	11	98.9	1457		5.809946	
6	3	11	63.4	1798	1051	6.369105	
7	2	11	73.6	1834		7.595493	
8	2	11	58.0	1402		8.251647	
9	2	11	63.6	1560		9.798985	
10	2	11	67.2	1366		10.770872	
11	3	11	79.0	1846	1838	11.015095	

## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	75.5	1187		0.255773	1
1	2	19	92.5	1280		0.711861	
2	2	19	70.2	1702		1.886609	
3	3	19	52.4	1544	1745	2.784919	
4	1	19	71.5			3.158692	
5	2	19	57.5	1505		3.926739	
6	3	19	88.2	1090	1827	4.562924	
7	2	19	87.4	1674		5.591806	
8	1	19	79.3			5.810364	
9	1	19	66.6			7.055079	
10	2	19	53.6	1055		7.077041	
11	2	19	75.6	1329		8.221508	
12	3	19	69.2	1198	1072	8.753615	
13	2	19	99.8	1235		9.411732	
14	2	19	84.5	1417		10.075741	
15	2	19	84.8	1020		10.927877	
16	3	19	77.8	1449	1522	11.864242	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5510.0	9	1.0	333	1	5488.0, 5310.0, 5417.0, 5558.0, 5416.0, 5708.0, 5684.0, 5465.0, 5330.0, 5548.0, 5666.0, 5699.0, 5524.0, 5565.0, 5527.0, 5494.0, 5251.0, 5334.0, 5375.0, 5478.0, 5518.0, 5479.0, 5615.0, 5405.0, 5321.0, 5710.0, 5409.0, 5657.0, 5707.0, 5284.0, 5508.0, 5372.0, 5408.0, 5336.0, 5585.0, 5663.0, 5388.0, 5272.0, 5541.0, 5607.0, 5466.0, 5391.0, 5455.0, 5569.0, 5287.0, 5293.0, 5647.0, 5712.0, 5605.0, 5268.0, 5313.0, 5723.0, 5609.0, 5339.0, 5440.0, 5577.0, 5551.0, 5354.0, 5289.0, 5415.0, 5671.0, 5264.0, 5461.0, 5493.0, 5459.0, 5616.0, 5294.0, 5314.0, 5394.0, 5621.0, 5675.0, 5646.0, 5281.0, 5449.0, 5530.0, 5363.0, 5507.0, 5446.0, 5487.0, 5682.0, 5556.0, 5631.0, 5571.0, 5328.0, 5664.0, 5300.0, 5317.0, 5509.0, 5448.0, 5447.0, 5443.0, 5701.0, 5719.0, 5463.0, 5343.0, 5389.0, 5320.0, 5352.0, 5445.0, 5590.0 (number of hits: 8 )
2	5510.0	9	1.0	333	1	5626.0, 5405.0, 5602.0, 5401.0, 5596.0, 5654.0, 5427.0, 5570.0, 5722.0, 5257.0, 5476.0, 5498.0, 5407.0, 5604.0, 5719.0, 5448.0, 5508.0, 5364.0, 5700.0, 5674.0, 5268.0, 5304.0, 5598.0, 5506.0, 5393.0, 5398.0, 5650.0, 5623.0, 5576.0, 5647.0, 5644.0, 5439.0, 5588.0, 5454.0, 5539.0, 5385.0, 5444.0, 5565.0, 5532.0, 5324.0, 5424.0, 5426.0, 5279.0, 5694.0, 5254.0, 5689.0, 5463.0, 5524.0, 5560.0, 5631.0, 5593.0, 5659.0, 5438.0, 5466.0, 5473.0, 5284.0, 5504.0, 5567.0, 5321.0, 5562.0, 5573.0, 5686.0, 5555.0, 5607.0, 5634.0, 5495.0, 5549.0, 5707.0, 5629.0, 5492.0, 5550.0, 5462.0, 5566.0, 5541.0, 5698.0, 5327.0, 5474.0, 5294.0, 5630.0, 5543.0, 5269.0, 5579.0, 5507.0, 5559.0, 5645.0, 5271.0, 5392.0, 5699.0, 5528.0, 5450.0, 5672.0, 5280.0, 5275.0, 5396.0, 5355.0, 5590.0, 5564.0, 5272.0, 5636.0, 5538.0 (number of hits: 8 )
3	5510.0	9	1.0	333	1	5348.0, 5372.0, 5492.0, 5563.0, 5556.0, 5549.0, 5546.0, 5669.0, 5301.0, 5658.0, 5416.0, 5429.0, 5483.0, 5470.0, 5306.0, 5643.0, 5700.0, 5464.0, 5608.0, 5673.0, 5693.0, 5367.0, 5452.0, 5396.0, 5377.0, 5503.0, 5410.0, 5587.0, 5533.0, 5387.0, 5651.0, 5261.0, 5710.0, 5603.0, 5419.0, 5293.0, 5465.0, 5720.0, 5508.0, 5588.0, 5585.0, 5280.0, 5714.0, 5562.0, 5538.0, 5711.0, 5497.0, 5498.0, 5341.0, 5543.0, 5692.0, 5640.0, 5408.0, 5701.0, 5605.0, 5628.0, 5515.0, 5422.0, 5478.0, 5251.0, 5308.0, 5655.0, 5374.0, 5252.0, 5626.0, 5398.0, 5625.0, 5567.0, 5532.0, 5536.0, 5267.0, 5631.0, 5296.0, 5484.0, 5653.0, 5717.0, 5723.0, 5447.0, 5683.0, 5690.0, 5381.0, 5644.0, 5675.0, 5664.0, 5265.0, 5674.0, 5343.0, 5591.0, 5504.0, 5277.0, 5507.0, 5615.0, 5384.0, 5667.0, 5553.0, 5472.0, 5358.0, 5592.0, 5501.0, 5621.0 (number of hits: 9 )
4	5510.0	9	1.0	333	1	5458.0, 5313.0, 5642.0, 5283.0, 5398.0, 5576.0, 5686.0, 5719.0, 5411.0, 5388.0, 5714.0, 5520.0, 5626.0, 5581.0, 5577.0, 5465.0, 5502.0, 5648.0, 5330.0, 5410.0, 5703.0, 5302.0, 5325.0, 5669.0, 5432.0, 5594.0, 5444.0, 5415.0, 5573.0, 5501.0, 5343.0, 5713.0, 5645.0, 5416.0, 5399.0, 5680.0, 5326.0, 5334.0, 5401.0, 5634.0, 5384.0, 5698.0, 5612.0, 5550.0, 5562.0, 5717.0, 5253.0, 5272.0, 5409.0, 5284.0, 5443.0, 5257.0, 5350.0, 5507.0, 5359.0, 5426.0, 5424.0, 5298.0, 5436.0, 5548.0, 5684.0, 5629.0, 5261.0, 5618.0, 5374.0, 5488.0, 5694.0, 5582.0, 5487.0, 5599.0, 5368.0, 5445.0, 5693.0, 5509.0, 5456.0, 5356.0, 5289.0, 5504.0, 5379.0, 5277.0, 5320.0, 5659.0, 5483.0, 5340.0, 5267.0, 5696.0, 5711.0, 5319.0, 5250.0, 5523.0, 5300.0, 5489.0, 5333.0, 5389.0, 5544.0, 5531.0, 5597.0, 5491.0, 5394.0, 5407.0 (number of hits: 7 )
5	5510.0	9	1.0	333	1	5483.0, 5322.0, 5467.0, 5710.0, 5280.0, 5403.0, 5420.0, 5424.0, 5519.0, 5572.0, 5662.0, 5414.0, 5663.0, 5310.0, 5487.0, 5574.0, 5256.0, 5583.0, 5439.0, 5274.0, 5464.0, 5602.0, 5561.0, 5265.0,

						5406.0, 5398.0, 5499.0, 5449.0, 5419.0, 5612.0, 5367.0, 5515.0, 5366.0, 5380.0, 5289.0, 5450.0, 5437.0, 5534.0, 5360.0, 5270.0, 5624.0, 5678.0, 5571.0, 5638.0, 5705.0, 5506.0, 5285.0, 5314.0, 5591.0, 5260.0, 5396.0, 5405.0, 5552.0, 5514.0, 5520.0, 5494.0, 5345.0, 5634.0, 5423.0, 5376.0, 5326.0, 5590.0, 5317.0, 5545.0, 5262.0, 5290.0, 5412.0, 5486.0, 5575.0, 5254.0, 5389.0, 5539.0, 5644.0, 5679.0, 5617.0, 5283.0, 5695.0, 5697.0, 5694.0, 5337.0, 5319.0, 5473.0, 5581.0, 5672.0, 5528.0, 5275.0, 5626.0, 5509.0, 5633.0, 5359.0, 5676.0, 5342.0, 5660.0, 5720.0, 5432.0, 5251.0, 5478.0, 5684.0, 5477.0, 5269.0 (number of hits: 8 )
6	5510.0	9	1.0	333	1	5553.0, 5620.0, 5496.0, 5441.0, 5490.0, 5361.0, 5543.0, 5616.0, 5589.0, 5404.0, 5384.0, 5457.0, 5263.0, 5573.0, 5461.0, 5581.0, 5272.0, 5292.0, 5712.0, 5445.0, 5377.0, 5575.0, 5607.0, 5401.0, 5306.0, 5254.0, 5475.0, 5682.0, 5360.0, 5502.0, 5302.0, 5656.0, 5678.0, 5261.0, 5297.0, 5632.0, 5720.0, 5724.0, 5446.0, 5670.0, 5537.0, 5515.0, 5674.0, 5547.0, 5576.0, 5273.0, 5631.0, 5372.0, 5474.0, 5688.0, 5649.0, 5406.0, 5707.0, 5505.0, 5290.0, 5323.0, 5424.0, 5665.0, 5610.0, 5293.0, 5320.0, 5265.0, 5388.0, 5666.0, 5519.0, 5310.0, 5354.0, 5438.0, 5300.0, 5417.0, 5493.0, 5578.0, 5600.0, 5478.0, 5403.0, 5464.0, 5431.0, 5364.0, 5680.0, 5501.0, 5283.0, 5617.0, 5275.0, 5580.0, 5533.0, 5583.0, 5469.0, 5642.0, 5324.0, 5705.0, 5546.0, 5603.0, 5381.0, 5425.0, 5671.0, 5560.0, 5692.0, 5601.0, 5520.0, 5626.0 (number of hits: 8 )
7	5510.0	9	1.0	333	1	5330.0, 5340.0, 5513.0, 5663.0, 5464.0, 5501.0, 5414.0, 5319.0, 5374.0, 5346.0, 5371.0, 5627.0, 5600.0, 5255.0, 5378.0, 5433.0, 5462.0, 5307.0, 5366.0, 5290.0, 5263.0, 5562.0, 5535.0, 5272.0, 5510.0, 5696.0, 5442.0, 5444.0, 5540.0, 5529.0, 5285.0, 5354.0, 5668.0, 5472.0, 5605.0, 5658.0, 5361.0, 5345.0, 5350.0, 5481.0, 5367.0, 5310.0, 5551.0, 5306.0, 5643.0, 5486.0, 5687.0, 5693.0, 5697.0, 5544.0, 5633.0, 5571.0, 5308.0, 5515.0, 5519.0, 5555.0, 5669.0, 5393.0, 5405.0, 5327.0, 5626.0, 5437.0, 5685.0, 5381.0, 5703.0, 5568.0, 5353.0, 5281.0, 5635.0, 5616.0, 5284.0, 5638.0, 5326.0, 5664.0, 5418.0, 5558.0, 5657.0, 5410.0, 5655.0, 5707.0, 5283.0, 5586.0, 5335.0, 5543.0, 5439.0, 5446.0, 5607.0, 5561.0, 5257.0, 5300.0, 5448.0, 5549.0, 5483.0, 5631.0, 5647.0, 5594.0, 5498.0, 5463.0, 5370.0, 5262.0 (number of hits: 6 )
8	5510.0	9	1.0	333	1	5336.0, 5390.0, 5315.0, 5671.0, 5513.0, 5613.0, 5537.0, 5640.0, 5558.0, 5420.0, 5601.0, 5370.0, 5665.0, 5332.0, 5657.0, 5295.0, 5712.0, 5327.0, 5343.0, 5313.0, 5654.0, 5595.0, 5254.0, 5617.0, 5468.0, 5381.0, 5426.0, 5278.0, 5392.0, 5706.0, 5344.0, 5628.0, 5349.0, 5360.0, 5698.0, 5365.0, 5446.0, 5355.0, 5579.0, 5645.0, 5525.0, 5262.0, 5477.0, 5704.0, 5275.0, 5605.0, 5335.0, 5624.0, 5627.0, 5384.0, 5491.0, 5681.0, 5517.0, 5668.0, 5423.0, 5253.0, 5407.0, 5371.0, 5463.0, 5509.0, 5691.0, 5431.0, 5352.0, 5713.0, 5500.0, 5578.0, 5337.0, 5345.0, 5625.0, 5598.0, 5705.0, 5412.0, 5610.0, 5663.0, 5436.0, 5687.0, 5305.0, 5312.0, 5387.0, 5580.0, 5382.0, 5325.0, 5501.0, 5524.0, 5255.0, 5280.0, 5422.0, 5434.0, 5660.0, 5279.0, 5378.0, 5519.0, 5656.0, 5721.0, 5514.0, 5589.0, 5586.0, 5528.0, 5629.0, 5688.0 (number of hits: 9 )
9	5510.0	9	1.0	333	1	5316.0, 5302.0, 5545.0, 5646.0, 5481.0, 5639.0, 5401.0, 5581.0, 5683.0, 5493.0, 5325.0, 5633.0, 5412.0, 5613.0, 5293.0, 5627.0, 5592.0, 5637.0, 5544.0, 5618.0, 5255.0, 5485.0, 5330.0, 5674.0, 5535.0, 5336.0, 5323.0, 5426.0, 5598.0, 5367.0, 5604.0, 5547.0, 5458.0, 5478.0, 5628.0, 5403.0, 5678.0, 5311.0, 5616.0, 5565.0, 5596.0, 5489.0, 5342.0, 5643.0, 5404.0, 5309.0, 5549.0, 5392.0, 5483.0, 5624.0, 5347.0, 5553.0, 5473.0, 5307.0, 5441.0, 5476.0, 5612.0, 5399.0, 5634.0, 5695.0, 5306.0, 5517.0, 5329.0, 5670.0, 5451.0, 5708.0, 5715.0, 5696.0, 5584.0, 5499.0, 5269.0, 5362.0, 5611.0, 5424.0, 5343.0, 5290.0, 5701.0, 5625.0, 5474.0, 5491.0, 5251.0, 5718.0, 5455.0, 5554.0, 5511.0, 5540.0, 5435.0, 5617.0, 5509.0, 5506.0, 5486.0, 5340.0, 5369.0, 5379.0, 5462.0, 5713.0,

						5319.0, 5488.0, 5296.0, 5406.0 (number of hits: 6)
10	5510.0	9	1.0	333	1	5440.0, 5538.0, 5620.0, 5706.0, 5378.0, 5523.0, 5686.0, 5633.0, 5571.0, 5411.0, 5700.0, 5710.0, 5719.0, 5636.0, 5497.0, 5563.0, 5614.0, 5631.0, 5559.0, 5318.0, 5587.0, 5507.0, 5493.0, 5499.0, 5339.0, 5328.0, 5467.0, 5357.0, 5361.0, 5392.0, 5672.0, 5370.0, 5312.0, 5586.0, 5623.0, 5429.0, 5283.0, 5694.0, 5343.0, 5381.0, 5608.0, 5596.0, 5447.0, 5508.0, 5450.0, 5364.0, 5660.0, 5418.0, 5454.0, 5697.0, 5266.0, 5621.0, 5549.0, 5460.0, 5676.0, 5530.0, 5643.0, 5462.0, 5284.0, 5542.0, 5465.0, 5626.0, 5627.0, 5419.0, 5430.0, 5313.0, 5521.0, 5580.0, 5543.0, 5656.0, 5469.0, 5290.0, 5280.0, 5567.0, 5524.0, 5704.0, 5575.0, 5274.0, 5515.0, 5441.0, 5399.0, 5475.0, 5540.0, 5281.0, 5675.0, 5376.0, 5705.0, 5593.0, 5324.0, 5413.0, 5568.0, 5474.0, 5273.0, 5553.0, 5311.0, 5481.0, 5574.0, 5457.0, 5668.0, 5652.0 (number of hits: 9)
11	5510.0	9	1.0	333	1	5321.0, 5485.0, 5452.0, 5299.0, 5473.0, 5535.0, 5441.0, 5606.0, 5586.0, 5509.0, 5413.0, 5518.0, 5568.0, 5285.0, 5705.0, 5553.0, 5310.0, 5486.0, 5366.0, 5429.0, 5443.0, 5663.0, 5311.0, 5264.0, 5428.0, 5681.0, 5708.0, 5531.0, 5539.0, 5325.0, 5703.0, 5302.0, 5618.0, 5713.0, 5414.0, 5382.0, 5408.0, 5547.0, 5526.0, 5664.0, 5516.0, 5405.0, 5389.0, 5649.0, 5601.0, 5620.0, 5404.0, 5261.0, 5572.0, 5293.0, 5454.0, 5380.0, 5359.0, 5378.0, 5397.0, 5479.0, 5602.0, 5451.0, 5376.0, 5323.0, 5385.0, 5343.0, 5657.0, 5377.0, 5689.0, 5372.0, 5655.0, 5670.0, 5493.0, 5483.0, 5616.0, 5494.0, 5706.0, 5407.0, 5605.0, 5612.0, 5508.0, 5614.0, 5342.0, 5555.0, 5551.0, 5629.0, 5431.0, 5314.0, 5570.0, 5659.0, 5254.0, 5308.0, 5420.0, 5334.0, 5656.0, 5646.0, 5349.0, 5687.0, 5529.0, 5423.0, 5339.0, 5543.0, 5533.0, 5578.0 (number of hits: 7)
12	5510.0	9	1.0	333	1	5527.0, 5535.0, 5569.0, 5554.0, 5303.0, 5591.0, 5491.0, 5638.0, 5436.0, 5463.0, 5716.0, 5370.0, 5320.0, 5477.0, 5572.0, 5526.0, 5419.0, 5366.0, 5580.0, 5646.0, 5630.0, 5632.0, 5307.0, 5444.0, 5706.0, 5582.0, 5657.0, 5265.0, 5652.0, 5509.0, 5353.0, 5451.0, 5588.0, 5505.0, 5717.0, 5300.0, 5613.0, 5559.0, 5615.0, 5390.0, 5544.0, 5475.0, 5504.0, 5294.0, 5546.0, 5367.0, 5641.0, 5378.0, 5389.0, 5295.0, 5262.0, 5592.0, 5663.0, 5645.0, 5651.0, 5510.0, 5640.0, 5662.0, 5319.0, 5391.0, 5575.0, 5707.0, 5636.0, 5525.0, 5720.0, 5362.0, 5347.0, 5286.0, 5251.0, 5433.0, 5434.0, 5503.0, 5279.0, 5502.0, 5359.0, 5671.0, 5318.0, 5466.0, 5270.0, 5560.0, 5446.0, 5557.0, 5287.0, 5400.0, 5293.0, 5683.0, 5339.0, 5437.0, 5633.0, 5464.0, 5531.0, 5594.0, 5701.0, 5714.0, 5589.0, 5394.0, 5486.0, 5512.0, 5420.0, 5659.0 (number of hits: 10)
13	5510.0	9	1.0	333	1	5658.0, 5556.0, 5503.0, 5573.0, 5722.0, 5315.0, 5523.0, 5600.0, 5345.0, 5488.0, 5287.0, 5339.0, 5636.0, 5608.0, 5688.0, 5254.0, 5506.0, 5616.0, 5510.0, 5721.0, 5540.0, 5712.0, 5289.0, 5602.0, 5314.0, 5517.0, 5605.0, 5422.0, 5367.0, 5267.0, 5387.0, 5498.0, 5363.0, 5635.0, 5657.0, 5459.0, 5568.0, 5647.0, 5388.0, 5595.0, 5374.0, 5293.0, 5404.0, 5298.0, 5318.0, 5401.0, 5273.0, 5509.0, 5317.0, 5299.0, 5644.0, 5582.0, 5612.0, 5646.0, 5425.0, 5358.0, 5403.0, 5487.0, 5258.0, 5414.0, 5502.0, 5445.0, 5507.0, 5504.0, 5701.0, 5575.0, 5279.0, 5607.0, 5666.0, 5584.0, 5365.0, 5489.0, 5390.0, 5576.0, 5442.0, 5580.0, 5706.0, 5698.0, 5513.0, 5570.0, 5718.0, 5455.0, 5427.0, 5590.0, 5435.0, 5253.0, 5301.0, 5300.0, 5626.0, 5643.0, 5477.0, 5567.0, 5645.0, 5295.0, 5260.0, 5693.0, 5305.0, 5328.0, 5714.0, 5566.0 (number of hits: 11)
14	5510.0	9	1.0	333	1	5594.0, 5313.0, 5560.0, 5424.0, 5430.0, 5715.0, 5623.0, 5577.0, 5354.0, 5256.0, 5634.0, 5321.0, 5271.0, 5507.0, 5339.0, 5548.0, 5580.0, 5663.0, 5275.0, 5668.0, 5632.0, 5281.0, 5589.0, 5342.0, 5463.0, 5483.0, 5259.0, 5461.0, 5390.0, 5542.0, 5274.0, 5457.0, 5439.0, 5383.0, 5458.0, 5392.0, 5448.0, 5492.0, 5552.0, 5409.0, 5693.0, 5517.0, 5538.0, 5514.0, 5475.0, 5386.0, 5506.0, 5388.0, 5379.0, 5385.0, 5722.0, 5578.0, 5459.0, 5376.0, 5495.0, 5278.0, 5574.0, 5373.0, 5456.0, 5713.0, 5359.0, 5254.0, 5471.0, 5569.0,

						5291.0, 5315.0, 5657.0, 5418.0, 5311.0, 5375.0, 5298.0, 5613.0, 5700.0, 5676.0, 5627.0, 5451.0, 5419.0, 5596.0, 5537.0, 5287.0, 5724.0, 5622.0, 5330.0, 5642.0, 5694.0, 5425.0, 5405.0, 5295.0, 5382.0, 5282.0, 5377.0, 5544.0, 5581.0, 5314.0, 5267.0, 5302.0, 5686.0, 5467.0, 5408.0, 5614.0 (number of hits: 6)
15	5510.0	9	1.0	333	1	5270.0, 5355.0, 5382.0, 5394.0, 5304.0, 5675.0, 5538.0, 5514.0, 5404.0, 5521.0, 5453.0, 5466.0, 5618.0, 5265.0, 5388.0, 5477.0, 5469.0, 5690.0, 5418.0, 5279.0, 5563.0, 5464.0, 5422.0, 5715.0, 5711.0, 5437.0, 5347.0, 5454.0, 5548.0, 5578.0, 5446.0, 5581.0, 5291.0, 5565.0, 5426.0, 5314.0, 5312.0, 5589.0, 5416.0, 5619.0, 5475.0, 5541.0, 5468.0, 5281.0, 5387.0, 5326.0, 5663.0, 5607.0, 5524.0, 5278.0, 5389.0, 5351.0, 5647.0, 5262.0, 5657.0, 5440.0, 5392.0, 5481.0, 5460.0, 5431.0, 5379.0, 5342.0, 5327.0, 5596.0, 5718.0, 5708.0, 5438.0, 5315.0, 5534.0, 5406.0, 5620.0, 5694.0, 5441.0, 5292.0, 5338.0, 5432.0, 5665.0, 5625.0, 5390.0, 5493.0, 5427.0, 5443.0, 5308.0, 5403.0, 5494.0, 5412.0, 5575.0, 5559.0, 5317.0, 5597.0, 5561.0, 5458.0, 5285.0, 5436.0, 5377.0, 5311.0, 5585.0, 5531.0, 5462.0, 5613.0 (number of hits: 5)
16	5510.0	9	1.0	333	1	5584.0, 5267.0, 5633.0, 5436.0, 5541.0, 5657.0, 5320.0, 5356.0, 5639.0, 5314.0, 5330.0, 5425.0, 5452.0, 5506.0, 5346.0, 5413.0, 5429.0, 5685.0, 5306.0, 5496.0, 5327.0, 5324.0, 5427.0, 5489.0, 5395.0, 5600.0, 5307.0, 5485.0, 5612.0, 5630.0, 5517.0, 5468.0, 5422.0, 5701.0, 5372.0, 5339.0, 5631.0, 5402.0, 5398.0, 5250.0, 5299.0, 5655.0, 5316.0, 5380.0, 5662.0, 5666.0, 5565.0, 5683.0, 5577.0, 5298.0, 5386.0, 5535.0, 5338.0, 5255.0, 5563.0, 5333.0, 5318.0, 5483.0, 5449.0, 5257.0, 5484.0, 5435.0, 5256.0, 5518.0, 5379.0, 5582.0, 5576.0, 5270.0, 5673.0, 5351.0, 5697.0, 5458.0, 5313.0, 5700.0, 5677.0, 5340.0, 5581.0, 5264.0, 5335.0, 5678.0, 5604.0, 5558.0, 5322.0, 5580.0, 5503.0, 5308.0, 5469.0, 5432.0, 5367.0, 5424.0, 5414.0, 5690.0, 5679.0, 5278.0, 5419.0, 5713.0, 5457.0, 5636.0, 5491.0, 5668.0 (number of hits: 5)
17	5510.0	9	1.0	333	1	5341.0, 5550.0, 5338.0, 5684.0, 5676.0, 5416.0, 5409.0, 5691.0, 5290.0, 5346.0, 5674.0, 5438.0, 5315.0, 5583.0, 5545.0, 5623.0, 5565.0, 5564.0, 5410.0, 5289.0, 5330.0, 5268.0, 5607.0, 5361.0, 5609.0, 5699.0, 5685.0, 5574.0, 5598.0, 5449.0, 5412.0, 5262.0, 5635.0, 5499.0, 5689.0, 5587.0, 5546.0, 5442.0, 5381.0, 5702.0, 5532.0, 5542.0, 5479.0, 5594.0, 5297.0, 5608.0, 5695.0, 5396.0, 5359.0, 5444.0, 5385.0, 5666.0, 5586.0, 5521.0, 5360.0, 5280.0, 5665.0, 5577.0, 5678.0, 5252.0, 5562.0, 5255.0, 5275.0, 5604.0, 5269.0, 5716.0, 5459.0, 5349.0, 5482.0, 5434.0, 5253.0, 5628.0, 5423.0, 5254.0, 5373.0, 5601.0, 5536.0, 5261.0, 5298.0, 5672.0, 5368.0, 5370.0, 5344.0, 5342.0, 5582.0, 5483.0, 5350.0, 5496.0, 5435.0, 5321.0, 5505.0, 5681.0, 5686.0, 5464.0, 5271.0, 5371.0, 5538.0, 5630.0, 5662.0, 5527.0 (number of hits: 5)
18	5510.0	9	1.0	333	1	5468.0, 5381.0, 5697.0, 5699.0, 5402.0, 5581.0, 5280.0, 5469.0, 5694.0, 5387.0, 5419.0, 5549.0, 5412.0, 5345.0, 5648.0, 5644.0, 5439.0, 5620.0, 5252.0, 5633.0, 5563.0, 5702.0, 5359.0, 5383.0, 5546.0, 5269.0, 5527.0, 5445.0, 5281.0, 5298.0, 5592.0, 5625.0, 5337.0, 5720.0, 5515.0, 5560.0, 5472.0, 5568.0, 5348.0, 5285.0, 5315.0, 5409.0, 5461.0, 5429.0, 5318.0, 5332.0, 5710.0, 5411.0, 5486.0, 5251.0, 5391.0, 5257.0, 5374.0, 5254.0, 5583.0, 5712.0, 5519.0, 5678.0, 5696.0, 5372.0, 5700.0, 5334.0, 5639.0, 5435.0, 5670.0, 5438.0, 5517.0, 5320.0, 5458.0, 5594.0, 5721.0, 5656.0, 5262.0, 5543.0, 5532.0, 5410.0, 5501.0, 5636.0, 5421.0, 5326.0, 5304.0, 5440.0, 5485.0, 5624.0, 5425.0, 5497.0, 5599.0, 5649.0, 5724.0, 5377.0, 5460.0, 5322.0, 5258.0, 5274.0, 5405.0, 5551.0, 5558.0, 5518.0, 5579.0, 5309.0 (number of hits: 7)
19	5510.0	9	1.0	333	1	5285.0, 5542.0, 5504.0, 5384.0, 5488.0, 5610.0, 5397.0, 5477.0, 5594.0, 5579.0, 5616.0, 5693.0, 5501.0, 5254.0, 5453.0, 5382.0, 5508.0, 5417.0, 5301.0, 5491.0, 5449.0, 5431.0, 5304.0, 5540.0, 5265.0, 5647.0, 5529.0, 5587.0, 5549.0, 5606.0, 5349.0, 5692.0,

						5473.0, 5684.0, 5672.0, 5412.0, 5385.0, 5536.0, 5546.0, 5637.0, 5452.0, 5355.0, 5716.0, 5687.0, 5328.0, 5418.0, 5671.0, 5376.0, 5527.0, 5669.0, 5505.0, 5559.0, 5467.0, 5357.0, 5391.0, 5262.0, 5511.0, 5620.0, 5543.0, 5696.0, 5714.0, 5524.0, 5541.0, 5400.0, 5282.0, 5711.0, 5622.0, 5659.0, 5295.0, 5276.0, 5337.0, 5281.0, 5576.0, 5454.0, 5267.0, 5448.0, 5567.0, 5624.0, 5475.0, 5432.0, 5688.0, 5694.0, 5345.0, 5664.0, 5679.0, 5636.0, 5604.0, 5257.0, 5364.0, 5534.0, 5348.0, 5463.0, 5595.0, 5600.0, 5367.0, 5399.0, 5354.0, 5585.0, 5535.0, 5451.0 (number of hits: 7 )
20	5510.0	9	1.0	333	1	5698.0, 5403.0, 5467.0, 5579.0, 5590.0, 5442.0, 5399.0, 5282.0, 5684.0, 5457.0, 5505.0, 5364.0, 5304.0, 5474.0, 5500.0, 5416.0, 5263.0, 5586.0, 5542.0, 5714.0, 5679.0, 5506.0, 5533.0, 5636.0, 5349.0, 5480.0, 5479.0, 5604.0, 5338.0, 5511.0, 5683.0, 5266.0, 5595.0, 5400.0, 5584.0, 5284.0, 5597.0, 5549.0, 5452.0, 5515.0, 5685.0, 5689.0, 5351.0, 5268.0, 5333.0, 5255.0, 5660.0, 5451.0, 5464.0, 5408.0, 5717.0, 5362.0, 5688.0, 5556.0, 5337.0, 5456.0, 5447.0, 5450.0, 5534.0, 5632.0, 5564.0, 5303.0, 5695.0, 5445.0, 5357.0, 5365.0, 5609.0, 5287.0, 5316.0, 5438.0, 5494.0, 5540.0, 5588.0, 5643.0, 5554.0, 5687.0, 5715.0, 5667.0, 5598.0, 5355.0, 5608.0, 5298.0, 5384.0, 5330.0, 5710.0, 5449.0, 5526.0, 5463.0, 5314.0, 5492.0, 5383.0, 5277.0, 5644.0, 5435.0, 5495.0, 5259.0, 5440.0, 5358.0, 5498.0, 5328.0 (number of hits: 10 )
21	5510.0	9	1.0	333	1	5656.0, 5709.0, 5250.0, 5722.0, 5559.0, 5664.0, 5663.0, 5406.0, 5516.0, 5348.0, 5672.0, 5640.0, 5276.0, 5368.0, 5574.0, 5421.0, 5414.0, 5719.0, 5527.0, 5340.0, 5359.0, 5544.0, 5713.0, 5465.0, 5393.0, 5454.0, 5683.0, 5506.0, 5379.0, 5400.0, 5290.0, 5374.0, 5381.0, 5629.0, 5350.0, 5522.0, 5450.0, 5667.0, 5497.0, 5653.0, 5625.0, 5687.0, 5659.0, 5598.0, 5702.0, 5641.0, 5383.0, 5332.0, 5579.0, 5352.0, 5330.0, 5486.0, 5291.0, 5576.0, 5429.0, 5472.0, 5341.0, 5355.0, 5496.0, 5431.0, 5708.0, 5375.0, 5568.0, 5543.0, 5508.0, 5569.0, 5679.0, 5605.0, 5587.0, 5403.0, 5710.0, 5424.0, 5654.0, 5272.0, 5280.0, 5462.0, 5616.0, 5380.0, 5661.0, 5637.0, 5467.0, 5306.0, 5652.0, 5326.0, 5704.0, 5385.0, 5398.0, 5673.0, 5487.0, 5471.0, 5541.0, 5353.0, 5646.0, 5347.0, 5561.0, 5635.0, 5501.0, 5489.0, 5546.0, 5458.0 (number of hits: 8 )
22	5510.0	9	1.0	333	1	5612.0, 5373.0, 5273.0, 5490.0, 5451.0, 5428.0, 5399.0, 5487.0, 5357.0, 5544.0, 5459.0, 5261.0, 5304.0, 5321.0, 5669.0, 5509.0, 5516.0, 5438.0, 5671.0, 5515.0, 5505.0, 5682.0, 5448.0, 5524.0, 5389.0, 5461.0, 5312.0, 5583.0, 5691.0, 5656.0, 5418.0, 5621.0, 5508.0, 5264.0, 5297.0, 5517.0, 5424.0, 5265.0, 5539.0, 5359.0, 5560.0, 5369.0, 5252.0, 5371.0, 5540.0, 5567.0, 5498.0, 5629.0, 5527.0, 5272.0, 5447.0, 5652.0, 5409.0, 5533.0, 5415.0, 5481.0, 5512.0, 5288.0, 5444.0, 5665.0, 5412.0, 5561.0, 5446.0, 5707.0, 5576.0, 5350.0, 5488.0, 5363.0, 5346.0, 5295.0, 5694.0, 5599.0, 5504.0, 5368.0, 5708.0, 5269.0, 5511.0, 5336.0, 5300.0, 5324.0, 5441.0, 5392.0, 5603.0, 5334.0, 5382.0, 5430.0, 5578.0, 5250.0, 5348.0, 5528.0, 5325.0, 5497.0, 5618.0, 5437.0, 5473.0, 5637.0, 5257.0, 5502.0, 5633.0, 5510.0 (number of hits: 15 )
23	5510.0	9	1.0	333	1	5275.0, 5532.0, 5382.0, 5562.0, 5604.0, 5442.0, 5716.0, 5536.0, 5678.0, 5320.0, 5657.0, 5289.0, 5412.0, 5570.0, 5663.0, 5622.0, 5491.0, 5492.0, 5612.0, 5648.0, 5664.0, 5341.0, 5644.0, 5710.0, 5699.0, 5324.0, 5691.0, 5653.0, 5399.0, 5370.0, 5339.0, 5477.0, 5314.0, 5652.0, 5514.0, 5292.0, 5326.0, 5359.0, 5449.0, 5569.0, 5531.0, 5351.0, 5321.0, 5368.0, 5366.0, 5459.0, 5578.0, 5343.0, 5313.0, 5434.0, 5344.0, 5542.0, 5520.0, 5499.0, 5356.0, 5308.0, 5581.0, 5445.0, 5391.0, 5669.0, 5425.0, 5654.0, 5649.0, 5453.0, 5257.0, 5279.0, 5283.0, 5505.0, 5365.0, 5613.0, 5550.0, 5280.0, 5440.0, 5568.0, 5411.0, 5634.0, 5621.0, 5625.0, 5518.0, 5507.0, 5352.0, 5490.0, 5414.0, 5345.0, 5404.0, 5560.0, 5712.0, 5470.0, 5615.0, 5265.0, 5711.0, 5418.0, 5619.0, 5303.0, 5558.0, 5708.0, 5420.0, 5655.0, 5679.0, 5546.0 (number of hits: 7 )

24	5510.0	9	1.0	333	1	5657.0, 5650.0, 5492.0, 5600.0, 5263.0, 5561.0, 5432.0, 5319.0, 5383.0, 5389.0, 5311.0, 5641.0, 5489.0, 5262.0, 5710.0, 5586.0, 5356.0, 5393.0, 5381.0, 5503.0, 5582.0, 5372.0, 5260.0, 5629.0, 5646.0, 5252.0, 5309.0, 5715.0, 5500.0, 5334.0, 5579.0, 5685.0, 5376.0, 5379.0, 5475.0, 5466.0, 5255.0, 5254.0, 5317.0, 5659.0, 5507.0, 5395.0, 5430.0, 5374.0, 5358.0, 5663.0, 5330.0, 5694.0, 5413.0, 5590.0, 5293.0, 5357.0, 5341.0, 5437.0, 5680.0, 5526.0, 5460.0, 5273.0, 5458.0, 5296.0, 5403.0, 5642.0, 5282.0, 5302.0, 5280.0, 5724.0, 5316.0, 5287.0, 5409.0, 5719.0, 5405.0, 5322.0, 5398.0, 5327.0, 5709.0, 5276.0, 5314.0, 5435.0, 5549.0, 5669.0, 5497.0, 5480.0, 5556.0, 5635.0, 5722.0, 5446.0, 5425.0, 5525.0, 5501.0, 5594.0, 5307.0, 5702.0, 5676.0, 5353.0, 5607.0, 5404.0, 5390.0, 5297.0, 5531.0, 5550.0 (number of hits: 8)
25	5510.0	9	1.0	333	1	5401.0, 5387.0, 5702.0, 5445.0, 5311.0, 5577.0, 5703.0, 5634.0, 5355.0, 5476.0, 5606.0, 5433.0, 5348.0, 5724.0, 5335.0, 5519.0, 5430.0, 5624.0, 5358.0, 5526.0, 5352.0, 5596.0, 5672.0, 5384.0, 5323.0, 5642.0, 5626.0, 5443.0, 5345.0, 5572.0, 5600.0, 5258.0, 5372.0, 5514.0, 5518.0, 5483.0, 5721.0, 5364.0, 5337.0, 5607.0, 5388.0, 5522.0, 5379.0, 5271.0, 5466.0, 5296.0, 5281.0, 5677.0, 5584.0, 5377.0, 5709.0, 5460.0, 5407.0, 5302.0, 5485.0, 5527.0, 5618.0, 5393.0, 5321.0, 5449.0, 5294.0, 5637.0, 5639.0, 5491.0, 5499.0, 5582.0, 5297.0, 5291.0, 5574.0, 5309.0, 5288.0, 5528.0, 5561.0, 5511.0, 5426.0, 5636.0, 5342.0, 5419.0, 5659.0, 5714.0, 5560.0, 5722.0, 5704.0, 5611.0, 5556.0, 5405.0, 5373.0, 5478.0, 5317.0, 5486.0, 5474.0, 5629.0, 5705.0, 5390.0, 5432.0, 5280.0, 5533.0, 5441.0, 5535.0, 5498.0 (number of hits: 9)
26	5510.0	9	1.0	333	1	5256.0, 5320.0, 5298.0, 5294.0, 5326.0, 5498.0, 5308.0, 5457.0, 5713.0, 5508.0, 5629.0, 5370.0, 5621.0, 5283.0, 5712.0, 5477.0, 5450.0, 5518.0, 5724.0, 5517.0, 5441.0, 5654.0, 5432.0, 5512.0, 5352.0, 5676.0, 5451.0, 5374.0, 5623.0, 5664.0, 5259.0, 5599.0, 5492.0, 5315.0, 5522.0, 5696.0, 5376.0, 5361.0, 5511.0, 5608.0, 5556.0, 5331.0, 5314.0, 5628.0, 5541.0, 5604.0, 5404.0, 5695.0, 5529.0, 5442.0, 5674.0, 5406.0, 5328.0, 5408.0, 5573.0, 5627.0, 5609.0, 5557.0, 5496.0, 5519.0, 5532.0, 5300.0, 5467.0, 5443.0, 5468.0, 5304.0, 5510.0, 5366.0, 5614.0, 5472.0, 5607.0, 5667.0, 5348.0, 5461.0, 5324.0, 5605.0, 5700.0, 5429.0, 5520.0, 5643.0, 5707.0, 5254.0, 5584.0, 5497.0, 5582.0, 5598.0, 5711.0, 5685.0, 5317.0, 5250.0, 5509.0, 5385.0, 5399.0, 5426.0, 5569.0, 5537.0, 5544.0, 5280.0, 5495.0, 5680.0 (number of hits: 15)
27	5510.0	9	1.0	333	1	5468.0, 5646.0, 5594.0, 5708.0, 5267.0, 5330.0, 5343.0, 5478.0, 5630.0, 5276.0, 5324.0, 5432.0, 5495.0, 5694.0, 5310.0, 5531.0, 5715.0, 5334.0, 5661.0, 5461.0, 5526.0, 5578.0, 5304.0, 5507.0, 5472.0, 5687.0, 5634.0, 5709.0, 5508.0, 5300.0, 5435.0, 5337.0, 5437.0, 5364.0, 5487.0, 5699.0, 5511.0, 5327.0, 5624.0, 5591.0, 5275.0, 5402.0, 5554.0, 5326.0, 5643.0, 5346.0, 5682.0, 5625.0, 5663.0, 5724.0, 5592.0, 5587.0, 5560.0, 5458.0, 5449.0, 5590.0, 5557.0, 5716.0, 5325.0, 5675.0, 5652.0, 5574.0, 5683.0, 5348.0, 5639.0, 5423.0, 5394.0, 5490.0, 5609.0, 5491.0, 5424.0, 5529.0, 5319.0, 5517.0, 5569.0, 5568.0, 5551.0, 5411.0, 5428.0, 5418.0, 5290.0, 5361.0, 5564.0, 5369.0, 5355.0, 5524.0, 5664.0, 5373.0, 5702.0, 5499.0, 5638.0, 5657.0, 5354.0, 5406.0, 5608.0, 5384.0, 5447.0, 5621.0, 5659.0, 5671.0 (number of hits: 8)
28	5510.0	9	1.0	333	1	5670.0, 5547.0, 5272.0, 5596.0, 5601.0, 5676.0, 5512.0, 5280.0, 5569.0, 5518.0, 5372.0, 5684.0, 5386.0, 5605.0, 5436.0, 5671.0, 5373.0, 5531.0, 5697.0, 5625.0, 5297.0, 5341.0, 5553.0, 5411.0, 5305.0, 5575.0, 5437.0, 5285.0, 5275.0, 5366.0, 5458.0, 5713.0, 5599.0, 5508.0, 5346.0, 5352.0, 5470.0, 5492.0, 5576.0, 5650.0, 5293.0, 5317.0, 5616.0, 5521.0, 5257.0, 5603.0, 5633.0, 5281.0, 5653.0, 5626.0, 5711.0, 5617.0, 5615.0, 5529.0, 5517.0, 5455.0, 5628.0, 5408.0, 5621.0, 5291.0, 5648.0, 5494.0, 5520.0, 5649.0, 5587.0, 5383.0, 5561.0, 5463.0, 5468.0, 5395.0, 5316.0, 5307.0,



						5442.0, 5703.0, 5296.0, 5355.0, 5286.0, 5290.0, 5549.0, 5415.0, 5349.0, 5555.0, 5478.0, 5331.0, 5524.0, 5310.0, 5336.0, 5604.0, 5359.0, 5289.0, 5637.0, 5260.0, 5340.0, 5309.0, 5511.0, 5644.0, 5639.0, 5298.0, 5686.0, 5332.0 (number of hits: 10 )
29	5510.0	9	1.0	333	1	5559.0, 5543.0, 5639.0, 5307.0, 5271.0, 5676.0, 5652.0, 5282.0, 5253.0, 5667.0, 5320.0, 5294.0, 5392.0, 5469.0, 5609.0, 5415.0, 5694.0, 5438.0, 5638.0, 5483.0, 5712.0, 5546.0, 5490.0, 5267.0, 5447.0, 5273.0, 5677.0, 5540.0, 5501.0, 5389.0, 5315.0, 5368.0, 5449.0, 5340.0, 5656.0, 5288.0, 5584.0, 5582.0, 5409.0, 5428.0, 5319.0, 5567.0, 5400.0, 5293.0, 5556.0, 5306.0, 5499.0, 5526.0, 5536.0, 5385.0, 5399.0, 5517.0, 5510.0, 5598.0, 5619.0, 5435.0, 5718.0, 5724.0, 5312.0, 5591.0, 5390.0, 5301.0, 5335.0, 5555.0, 5562.0, 5701.0, 5497.0, 5309.0, 5302.0, 5470.0, 5503.0, 5485.0, 5691.0, 5717.0, 5356.0, 5549.0, 5525.0, 5597.0, 5259.0, 5579.0, 5258.0, 5594.0, 5498.0, 5333.0, 5455.0, 5542.0, 5507.0, 5300.0, 5522.0, 5578.0, 5589.0, 5521.0, 5436.0, 5441.0, 5714.0, 5270.0, 5426.0, 5467.0, 5534.0, 5707.0 (number of hits: 12 )
30	5510.0	9	1.0	333	1	5713.0, 5319.0, 5322.0, 5547.0, 5250.0, 5571.0, 5494.0, 5422.0, 5308.0, 5585.0, 5531.0, 5568.0, 5559.0, 5410.0, 5546.0, 5428.0, 5265.0, 5556.0, 5554.0, 5488.0, 5318.0, 5581.0, 5715.0, 5590.0, 5370.0, 5384.0, 5484.0, 5298.0, 5355.0, 5372.0, 5711.0, 5560.0, 5615.0, 5344.0, 5534.0, 5275.0, 5463.0, 5541.0, 5360.0, 5286.0, 5324.0, 5312.0, 5417.0, 5662.0, 5619.0, 5425.0, 5558.0, 5321.0, 5284.0, 5651.0, 5449.0, 5538.0, 5323.0, 5603.0, 5297.0, 5657.0, 5622.0, 5288.0, 5475.0, 5683.0, 5646.0, 5584.0, 5716.0, 5444.0, 5514.0, 5497.0, 5654.0, 5276.0, 5290.0, 5382.0, 5524.0, 5399.0, 5516.0, 5637.0, 5595.0, 5552.0, 5648.0, 5378.0, 5722.0, 5353.0, 5359.0, 5528.0, 5362.0, 5420.0, 5412.0, 5492.0, 5398.0, 5557.0, 5366.0, 5263.0, 5358.0, 5663.0, 5448.0, 5447.0, 5537.0, 5501.0, 5708.0, 5682.0, 5310.0, 5597.0 (number of hits: 7 )

**P2MP Mode  
Iron Radio****5530 MHz, 80 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	100 %	60%	Pass
<b>Type 2</b>	30	90 %	60%	Pass
<b>Type 3</b>	30	86.7 %	60%	Pass
<b>Type 4</b>	30	73.3 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	87.5 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	89	1.0	598	1
2	76	1.0	698	1
3	70	1.0	758	1
4	59	1.0	898	1
5	61	1.0	878	1
6	57	1.0	938	1
7	58	1.0	918	1
8	72	1.0	738	1
9	83	1.0	638	1
10	78	1.0	678	1
11	99	1.0	538	1
12	63	1.0	838	1
13	62	1.0	858	1
14	65	1.0	818	1
15	68	1.0	778	1
16	21	1.0	2523	1
17	32	1.0	1691	1
18	18	1.0	3040	1
19	29	1.0	1851	1
20	23	1.0	2352	1
21	18	1.0	3007	1
22	45	1.0	1190	1
23	79	1.0	675	1
24	20	1.0	2700	1
25	28	1.0	1926	1
26	20	1.0	2732	1
27	29	1.0	1883	1
28	27	1.0	2000	1
29	28	1.0	1913	1
30	85	1.0	625	1
<b>Detection Percentage: 100 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	26	4.1	219	1
2	25	2.7	172	0
3	24	2.3	151	1
4	28	1.3	225	1
5	25	3.8	163	1
6	26	2.0	210	1
7	25	3.5	176	1
8	25	3.3	220	1
9	24	2.1	218	0
10	28	3.8	180	1
11	24	1.8	161	1
12	26	3.0	215	1
13	25	4.5	177	1
14	24	1.8	174	1
15	27	3.7	161	1
16	29	1.3	191	1
17	23	2.7	171	1
18	24	1.4	214	1
19	23	4.4	168	1
20	28	1.9	195	0
21	23	2.7	163	1
22	27	4.9	200	1
23	28	1.1	201	1
24	25	2.9	202	1
25	28	4.1	215	1
26	26	1.6	157	1
27	28	2.9	184	1
28	29	3.4	161	1
29	27	2.7	203	1
30	28	1.5	226	1
<b>Detection Percentage: 90 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.

Trial #	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	18	6.9	373	1
2	18	9.4	428	1
3	18	8.1	444	1
4	16	10.0	385	1
5	17	8.8	239	1
6	18	9.5	305	0
7	18	7.8	469	1
8	17	6.4	223	0
9	18	9.3	312	1
10	16	7.7	452	1
11	18	9.2	233	1
12	16	7.0	481	1
13	18	7.7	499	0
14	18	9.9	250	1
15	18	6.8	230	1
16	17	7.2	478	1
17	17	9.4	219	1
18	18	6.9	421	1
19	17	9.7	409	1
20	17	9.5	219	0
21	16	6.5	412	1
22	17	6.2	327	1
23	17	8.1	443	1
24	16	7.2	377	1
25	18	7.8	257	1
26	17	9.8	491	1
27	16	9.9	427	1
28	17	7.7	236	1
29	18	9.8	314	1
30	17	6.9	263	1
<b>Detection Percentage: 86.7 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5570 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	14	19.4	202	1
2	16	15.5	453	1
3	14	11.7	222	0
4	15	14.3	222	1
5	15	14.3	210	1
6	12	17.2	401	1
7	12	19.3	205	0
8	12	19.9	306	1
9	14	13.3	337	0
10	13	15.5	223	1
11	12	13.6	432	1
12	16	15.8	351	0
13	13	16.6	405	1
14	13	19.9	454	1
15	16	13.0	404	1
16	13	11.8	221	1
17	12	12.8	325	0
18	16	18.6	257	1
19	16	19.8	361	1
20	15	18.8	233	0
21	14	15.8	428	1
22	12	19.2	429	0
23	16	17.4	488	1
24	12	18.9	206	1
25	12	18.7	236	1
26	12	14.6	396	1
27	12	12.1	214	1
28	16	11.8	346	1
29	14	12.9	426	0
30	16	14.7	288	1
<b>Detection Percentage: 73.3 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	1
2	5530	1
3	5530	1
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	1
11	5498.9	1
12	5494.9	1
13	5498.1	1
14	5498.1	1
15	5498.1	1
16	5497.7	1
17	5494.5	1
18	5498.5	1
19	5498.9	1
20	5499.3	1
21	5562.3	1
22	5559.5	1
23	5559.5	1
24	5561.9	1
25	5562.3	1
26	5563.9	1
27	5559.9	1
28	5564.3	1
29	5565.1	1
30	5561.1	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	77.4	1338		0.763031	1
1	2	10	94.9	1884		2.126355	
2	2	10	80.3	1733		3.770881	
3	3	10	89.3	1134	1377	5.234218	
4	1	10	50.3			5.959671	
5	2	10	81.0	1429		7.511881	
6	2	10	56.6	1632		8.173160	
7	2	10	59.6	1811		10.410860	
8	3	10	99.2	1833	1799	10.75704	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	69.3	1995		0.526231	1
1	2	6	68.6	1645		0.667764	
2	1	6	66.5			1.843670	
3	2	6	87.2	1549		2.594375	
4	2	6	96.5	1040		3.101596	
5	2	6	69.5	1870		3.770228	
6	1	6	84.4			4.188709	
7	3	6	61.9	1299	1399	4.737163	
8	1	6	93.6			5.546925	
9	2	6	66.5	1459		6.003957	
10	2	6	57.5	1213		6.975386	
11	1	6	99.7			7.684055	
12	3	6	75.7	1957	1621	8.548961	
13	1	6	85.0			8.920297	
14	2	6	52.8	1198		9.858865	
15	2	6	81.3	1518		10.031897	
16	2	6	56.9	1203		10.896045	
17	2	6	72.2	1719		11.960259	



## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	63.9			0.612566	1
1	3	8	51.1	1012	1644	1.111340	
2	2	8	57.1	1009		2.295064	
3	2	8	86.1	1619		4.005331	
4	2	8	58.5	1658		4.587855	
5	2	8	74.7	1113		5.741585	
6	2	8	55.8	1732		7.578536	
7	2	8	80.1	1229		7.796879	
8	2	8	81.8	1389		9.433317	
9	2	8	69.5	1576		10.036590	
10	1	8	50.4			11.060463	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	50.3			0.229074	1
1	2	9	78.2	1103		0.828624	
2	2	9	93.9	1106		1.313668	
3	3	9	64.9	1106	1883	2.106993	
4	2	9	99.5	1436		2.679184	
5	1	9	92.9			3.234151	
6	2	9	65.6	1359		4.172722	
7	2	9	78.7	1401		4.731419	
8	2	9	98.1	1432		5.468528	
9	3	9	81.6	1477	1856	5.752689	
10	3	9	69.5	1294	1174	6.657540	
11	3	9	52.9	1194	1810	7.350293	
12	1	9	98.6			7.943121	
13	1	9	74.9			8.722871	
14	2	9	74.8	1801		9.231331	
15	2	9	55.8	1805		9.967065	
16	2	9	88.6	1372		10.166676	
17	1	9	52.2			11.316781	
18	2	9	58.9	1717		11.389976	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	69.6	1240		1.010849	1
1	2	9	74.7	1864		2.014997	
2	3	9	80.1	1655	1141	3.531084	
3	2	9	52.9	1357		4.904226	
4	3	9	65.2	1223	1353	6.617409	
5	1	9	87.5			6.807163	
6	2	9	93.7	1180		8.111936	
7	1	9	54.8			9.821779	
8	3	9	68.8	1807	1922	11.661473	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	65.8	1514		0.275816	1
1	3	14	50.4	1902	1599	0.756501	
2	3	14	93.3	1132	1124	1.836918	
3	3	14	70.4	1937	1030	2.392880	
4	1	14	82.0			3.551526	
5	1	14	78.4			3.956256	
6	2	14	58.6	1818		5.080139	
7	2	14	93.7	1479		5.336948	
8	3	14	88.5	1686	1081	6.268996	
9	3	14	54.1	1216	1028	7.074510	
10	1	14	77.1			8.224765	
11	2	14	53.4	1559		8.971165	
12	2	14	68.9	1532		9.214320	
13	3	14	85.0	1067	1608	10.056157	
14	3	14	73.0	1653	1999	11.022470	
15	2	14	57.3	1979		11.493796	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
3	3	10	65.3	1205	1611	0.403388	1
1	3	10	64.4	1138	1733	1.492958	
2	2	10	72.8	1496		2.370513	
3	1	10	62.9			2.780419	
4	2	10	71.0	1239		4.446988	
5	2	10	68.6	1189		5.129001	
6	3	10	81.2	1467	1247	5.699426	
7	2	10	78.4	1102		6.690596	
8	2	10	69.3	1119		7.596233	
9	3	10	84.6	1305	1260	8.686357	
10	3	10	86.4	1862	1559	9.792193	
11	1	10	97.5			10.352185	
12	1	10	76.8			11.288733	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	72.9	1364		0.370703	1
1	3	15	71.1	1497	1849	2.854784	
2	2	15	78.3	1562		3.069961	
3	2	15	68.4	1852		5.177798	
4	3	15	75.9	1537	1387	6.878251	
5	2	15	60.4	1384		7.908488	
6	2	15	51.0	1495		9.222792	
7	2	15	96.9	1165		11.099586	

## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	78.9	1751		0.384191	1
1	2	14	50.9	1449		0.817723	
2	2	14	64.4	1691		2.052381	
3	2	14	77.4	1521		2.291034	
4	2	14	84.2	1395		3.173128	
5	1	14	75.1			3.908647	
6	3	14	66.2	1466	1183	4.819665	
7	2	14	89.2	1728		5.624410	
8	3	14	60.4	1939	1965	5.821235	
9	3	14	97.0	1323	1978	7.006606	
10	1	14	82.9			7.407916	
11	3	14	67.4	1761	1866	7.829161	
12	2	14	90.5	1928		8.576474	
13	3	14	65.5	1525	1285	9.774776	
14	3	14	91.1	1581	1517	10.308337	
15	3	14	59.5	1145	1635	11.086263	
16	2	14	56.0	1524		11.324395	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	80.1			0.302566	1
1	2	9	87.0	1456		1.004891	
2	2	9	63.5	1428		1.475095	
3	1	9	90.1			2.165549	
4	2	9	67.1	1588		2.584214	
5	2	9	63.9	1085		3.495032	
6	2	9	94.8	1839		4.298917	
7	2	9	74.2	1569		4.940855	
8	2	9	58.2	1623		5.483676	
9	1	9	69.7			6.166820	
10	1	9	52.7			6.719611	
11	3	9	76.2	1958	1989	6.989132	
12	1	9	85.0			8.065129	
13	1	9	84.4			8.541234	
14	2	9	60.0	1025		9.210112	
15	2	9	91.1	1046		9.775450	
16	2	9	72.7	1074		10.624049	
17	2	9	92.8	1545		10.841576	
18	2	9	84.2	1102		11.765283	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	61.2	1664		1.272194	1
1	3	16	64.4	1858	1098	1.598852	
2	1	16	67.3			3.061147	
3	3	16	62.4	1988	1622	5.395227	
4	3	16	61.6	1926	1919	6.902573	
5	2	16	92.9	1445		8.656276	
6	1	16	90.4			9.925283	
7	3	16	56.6	1193	1230	10.957756	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	96.0	1709		0.688009	1
1	3	6	89.8	1768	1735	1.508947	
2	2	6	77.3	1660		2.122615	
3	2	6	53.0	1398		2.698268	
4	3	6	64.9	1087	1327	3.899004	
5	2	6	90.2	1527		4.330773	
6	3	6	57.3	1309	1616	5.072696	
7	1	6	98.6			6.208585	
8	2	6	61.3	1774		6.541994	
9	2	6	66.0	1046		7.391350	
10	2	6	78.2	1063		8.145392	
11	2	6	90.4	1308		8.835851	
12	3	6	98.3	1904	1657	10.146975	
13	3	6	83.0	1540	1153	10.584481	
14	2	6	77.1	1143		11.605341	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	59.7	1916		0.174982	1
1	1	14	92.6			0.931541	
2	3	14	50.4	1805	1074	1.581214	
3	2	14	68.5	1565		2.779578	
4	2	14	61.5	1359		2.971388	
5	1	14	70.7			3.671379	
6	1	14	71.6			4.712853	
7	3	14	95.9	1920	1433	5.063300	
8	3	14	55.2	1909	1196	5.749993	
9	2	14	77.4	1281		6.801912	
10	2	14	97.6	1236		7.307028	
11	1	14	90.7			8.158118	
12	3	14	84.8	1723	1421	8.997641	
13	2	14	66.7	1806		9.744877	
14	2	14	58.0	1389		10.366626	
15	3	14	77.9	1412	1995	11.128824	
16	2	14	81.7	1459		11.739220	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	93.6	1401		0.017980	1
1	3	14	70.9	1993	1855	0.969893	
2	3	14	52.6	1855	1239	1.957831	
3	2	14	52.4	1031		2.601219	
4	2	14	51.2	1216		3.408811	
5	1	14	95.1			3.911134	
6	1	14	88.1			5.043140	
7	3	14	75.8	1256	1349	5.932342	
8	2	14	96.8	1473		6.158330	
9	2	14	86.7	1529		7.142558	
10	2	14	88.6	1395		8.028997	
11	3	14	51.8	1963	1788	8.415038	
12	2	14	81.1	1306		9.621112	
13	1	14	67.9			10.194388	
14	2	14	65.2	1356		10.907923	
15	2	14	93.1	1609		11.286144	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	91.2	1505	1032	0.376637	1
1	3	14	91.4	1348	1433	1.118783	
2	2	14	89.7	1255		2.462456	
3	2	14	68.0	1179		2.806057	
4	2	14	52.7	1883		3.795445	
5	2	14	56.7	1787		5.172690	
6	1	14	90.5			6.364740	
7	2	14	93.7	1881		6.521480	
8	2	14	91.7	1512		8.182313	
9	2	14	85.6	1219		8.501945	
10	3	14	79.7	1633	1926	9.741481	
11	2	14	81.0	1263		10.528538	
12	3	14	83.3	1588	1523	11.370056	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	98.1			0.300348	1
1	2	13	62.0	1122		1.349267	
2	2	13	83.7	1936		1.769978	
3	1	13	72.5			2.813346	
4	2	13	83.0	1099		3.336531	
5	2	13	65.0	1154		3.847300	
6	1	13	64.8			4.810156	
7	3	13	51.6	1731	1685	5.818600	
8	3	13	94.4	1513	1772	6.274001	
9	1	13	76.6			7.486290	
10	1	13	68.7			7.665668	
11	2	13	68.2	1191		8.571863	
12	3	13	58.8	1834	1397	9.626538	
13	2	13	74.8	1269		9.825787	
14	2	13	53.4	1754		10.852730	
15	2	13	74.3	1841		11.801094	



## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	88.2	1657	1022	0.094416	1
1	1	5	57.9			0.926842	
2	2	5	99.7	1689		1.852077	
3	3	5	72.4	1250	1376	2.083515	
4	3	5	82.4	1695	1637	2.988683	
5	1	5	58.8			3.945674	
6	2	5	90.9	1346		4.549794	
7	2	5	91.0	1649		5.091811	
8	2	5	86.8	1223		5.708645	
9	3	5	77.3	1853	1821	6.303942	
10	2	5	69.0	1545		6.960456	
11	2	5	65.3	1699		7.828425	
12	3	5	58.8	1889	1512	8.280632	
13	3	5	50.3	1284	1847	9.200601	
14	1	5	83.9			9.673038	
15	1	5	59.8			10.517103	
16	3	5	88.2	1132	1999	11.074592	
17	2	5	93.1	1183		11.936100	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	55.6			0.559762	1
1	3	15	80.1	1287	1339	1.041572	
2	2	15	89.1	1883		2.554151	
3	3	15	89.3	1782	1716	3.701137	
4	2	15	79.3	1810		4.978741	
5	1	15	73.1			5.710600	
6	2	15	54.8	1274		6.507395	
7	2	15	84.8	1434		7.652945	
8	3	15	97.1	1705	1579	8.085979	
9	3	15	86.0	1463	1271	9.780983	
10	2	15	78.2	1465		10.447582	
11	2	15	61.6	1962		11.207519	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	50.5	1264		0.892847	1
1	1	16	87.3			1.958399	
2	1	16	99.0			4.305371	
3	3	16	56.9	1686	1478	4.703514	
4	3	16	58.3	1913	1571	7.064531	
5	2	16	56.2	1325		8.003347	
6	1	16	81.7			9.042375	
7	2	16	57.4	1155		10.981954	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	92.0	1381		0.221035	1
1	2	17	66.1	1409		0.707074	
2	2	17	63.7	1680		1.632064	
3	1	17	83.6			2.631383	
4	2	17	84.3	1027		2.708318	
5	3	17	54.0	1965	1491	3.395840	
6	3	17	67.0	1429	1198	4.279287	
7	1	17	93.6			5.019152	
8	1	17	93.8			5.791138	
9	2	17	89.6	1628		6.134751	
10	3	17	83.0	1846	1920	6.862046	
11	2	17	72.7	1818		7.964549	
12	3	17	54.9	1381	1051	8.136198	
13	3	17	57.1	1332	1959	8.912316	
14	3	17	78.3	1493	1199	9.536884	
15	2	17	68.4	1444		10.133899	
16	2	17	74.4	1691		10.699394	
17	3	17	89.4	1054	1485	11.969455	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	57.2	1761		0.929935	1
1	3	13	69.6	1102	1903	1.667652	
2	3	13	91.6	1368	1165	2.629503	
3	2	13	55.4	1237		3.343233	
4	1	13	85.3			4.137639	
5	1	13	89.6			5.977590	
6	1	13	73.4			6.575888	
7	2	13	84.9	1671		7.217913	
8	1	13	62.4			8.363365	
9	1	13	90.5			9.936702	
10	2	13	75.5	1749		10.536341	
11	2	13	87.7	1548		11.832630	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	99.9	1183		0.990661	1
1	2	20	87.5	1228		1.917130	
2	1	20	93.1			3.057493	
3	1	20	58.8			4.277714	
4	2	20	70.4	1688		5.659698	
5	2	20	55.3	1330		7.968876	
6	1	20	99.7			9.000615	
7	2	20	87.1	1074		9.624783	
8	1	20	88.8			11.839273	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	83.0	1595		0.144716	1
1	2	20	87.1	1813		0.862506	
2	1	20	73.9			1.645690	
3	3	20	52.8	1448	1616	2.031569	
4	2	20	75.8	1554		2.832709	
5	2	20	60.2	1815		3.214021	
6	2	20	80.2	1548		3.869513	
7	2	20	59.2	1200		4.575718	
8	1	20	57.2			5.372753	
9	1	20	81.7			5.539397	
10	2	20	52.5	1775		6.391413	
11	2	20	98.4	1152		6.857460	
12	2	20	74.8	1814		7.571915	
13	3	20	70.5	1858	1588	8.259344	
14	2	20	71.0	1217		8.411074	
15	1	20	96.0			9.542498	
16	2	20	66.6	1717		9.897292	
17	1	20	58.9			10.784320	
18	2	20	89.5	1556		11.271716	
19	1	20	72.7			11.966832	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	72.9	1761		0.957335	1
1	3	14	90.7	1390	1832	2.389459	
2	2	14	79.3	1441		2.605837	
3	2	14	68.4	1243		3.636121	
4	1	14	95.6			5.585440	
5	3	14	90.4	1653	1600	6.781004	
6	3	14	98.8	1765	1332	8.388071	
7	2	14	65.4	1228		8.559310	
8	1	14	92.2			9.792095	
9	2	14	70.6	1716		11.804392	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	87.5	1363		0.977158	1
1	2	13	80.0	1459		1.820730	
2	1	13	90.0			3.922613	
3	2	13	57.6	1684		4.594943	
4	2	13	56.9	1345		5.910697	
5	3	13	69.4	1766	1418	6.795642	
6	2	13	97.9	1330		8.942049	
7	1	13	98.5			9.900301	
8	2	13	74.4	1345		11.027771	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	72.2			0.270935	1
1	3	9	55.3	1627	1980	1.254139	
2	2	9	55.4	1949		2.027945	
3	2	9	54.5	1033		2.612917	
4	1	9	77.0			3.787222	
5	1	9	83.5			4.727273	
6	2	9	56.7	1025		5.903037	
7	1	9	51.3			6.155313	
8	2	9	52.8	1951		7.155077	
9	2	9	75.7	1156		7.755466	
10	1	9	70.7			8.735689	
11	3	9	80.3	1770	1675	9.918086	
12	1	9	84.6			10.324289	
13	1	9	53.9			11.311449	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	87.5	1752	1229	0.055813	1
1	1	19	50.3			0.799774	
2	2	19	84.4	1482		1.771887	
3	3	19	97.3	1031	1215	2.545151	
4	2	19	67.6	1170		3.153211	
5	2	19	87.0	1791		4.299280	
6	1	19	81.7			4.689197	
7	2	19	82.7	1748		5.612681	
8	3	19	85.6	1134	1112	6.419613	
9	3	19	69.7	1419	1015	7.034555	
10	3	19	97.2	1090	1603	7.538680	
11	1	19	63.0			8.278358	
12	2	19	73.8	1047		9.495362	
13	1	19	86.9			10.395154	
14	3	19	77.4	1510	1216	11.223320	
15	2	19	52.7	1696		11.705363	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	58.2	1155	1149	0.357495	1
1	3	8	58.7	1580	1831	0.792522	
2	2	8	65.1	1296		1.313690	
3	3	8	89.3	1319	1514	2.192592	
4	2	8	84.4	1602		2.670789	
5	2	8	95.4	1279		3.508346	
6	3	8	71.5	1627	1521	4.410344	
7	3	8	82.7	1413	1463	4.447010	
8	2	8	60.3	1079		5.134506	
9	1	8	70.9			6.230198	
10	1	8	57.9			6.722605	
11	2	8	64.7	1373		7.033364	
12	3	8	84.0	1945	1048	7.771552	
13	3	8	51.2	1343	1377	8.526094	
14	1	8	55.2			9.439769	
15	2	8	86.5	1343		9.616754	
16	3	8	81.2	1288	1986	10.213389	
17	2	8	99.4	1144		10.853632	
18	3	8	73.6	1899	1303	11.584840	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	92.9			0.849079	1
1	2	6	87.7	1717		1.010180	
2	2	6	82.4	1881		2.043186	
3	2	6	88.6	1948		2.707358	
4	2	6	55.0	1953		4.051587	
5	2	6	64.7	1663		4.452068	
6	2	6	65.1	1156		5.519835	
7	3	6	62.0	1288	1866	6.191411	
8	3	6	90.4	1482	1231	7.309195	
9	2	6	74.3	1148		8.269695	
10	1	6	59.5			8.698702	
11	1	6	80.8			9.710179	
12	1	6	62.0			10.292899	
13	2	6	68.3	1896		11.720236	

## Bin5 Statistics 30

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (uS)</b>	<b>Pulse 2-3 spacing (uS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	3	16	70.7	1955	1015	0.463365	1
1	2	16	70.1	1140		1.543675	
2	3	16	95.0	1952	1279	2.685433	
3	2	16	94.9	1063		3.610630	
4	2	16	71.1	1159		5.183350	
5	1	16	57.3			6.856389	
6	2	16	89.1	1478		7.452862	
7	1	16	61.5			8.897617	
8	2	16	74.9	1904		10.175954	
9	3	16	65.3	1084	1196	11.672389	



**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530.0	9	1.0	333	1	5612.0, 5588.0, 5635.0, 5543.0, 5714.0, 5559.0, 5277.0, 5319.0, 5449.0, 5584.0, 5557.0, 5457.0, 5307.0, 5474.0, 5469.0, 5604.0, 5667.0, 5545.0, 5575.0, 5386.0, 5315.0, 5444.0, 5516.0, 5674.0, 5285.0, 5342.0, 5627.0, 5330.0, 5466.0, 5367.0, 5499.0, 5434.0, 5252.0, 5280.0, 5653.0, 5403.0, 5253.0, 5691.0, 5630.0, 5354.0, 5258.0, 5583.0, 5303.0, 5705.0, 5682.0, 5567.0, 5279.0, 5415.0, 5686.0, 5697.0, 5533.0, 5422.0, 5350.0, 5284.0, 5470.0, 5381.0, 5379.0, 5540.0, 5522.0, 5634.0, 5471.0, 5582.0, 5468.0, 5576.0, 5425.0, 5616.0, 5510.0, 5261.0, 5659.0, 5460.0, 5459.0, 5636.0, 5536.0, 5335.0, 5554.0, 5526.0, 5401.0, 5281.0, 5594.0, 5366.0, 5696.0, 5327.0, 5694.0, 5340.0, 5490.0, 5568.0, 5513.0, 5692.0, 5410.0, 5537.0, 5718.0, 5455.0, 5454.0, 5693.0, 5655.0, 5445.0, 5672.0, 5657.0, 5437.0, 5494.0 (number of hits: 17)
2	5530.0	9	1.0	333	1	5317.0, 5408.0, 5479.0, 5370.0, 5346.0, 5492.0, 5452.0, 5341.0, 5389.0, 5254.0, 5308.0, 5694.0, 5655.0, 5540.0, 5378.0, 5673.0, 5511.0, 5264.0, 5505.0, 5632.0, 5625.0, 5359.0, 5533.0, 5448.0, 5607.0, 5563.0, 5471.0, 5499.0, 5438.0, 5699.0, 5441.0, 5717.0, 5469.0, 5305.0, 5395.0, 5312.0, 5494.0, 5434.0, 5437.0, 5460.0, 5391.0, 5410.0, 5541.0, 5384.0, 5634.0, 5574.0, 5518.0, 5624.0, 5371.0, 5375.0, 5508.0, 5610.0, 5321.0, 5560.0, 5325.0, 5324.0, 5335.0, 5602.0, 5376.0, 5328.0, 5449.0, 5549.0, 5683.0, 5644.0, 5707.0, 5611.0, 5510.0, 5504.0, 5422.0, 5486.0, 5284.0, 5636.0, 5366.0, 5348.0, 5496.0, 5253.0, 5297.0, 5595.0, 5363.0, 5268.0, 5468.0, 5523.0, 5520.0, 5586.0, 5708.0, 5600.0, 5676.0, 5524.0, 5372.0, 5257.0, 5274.0, 5336.0, 5715.0, 5481.0, 5431.0, 5627.0, 5275.0, 5615.0, 5334.0, 5273.0 (number of hits: 19)
3	5530.0	9	1.0	333	1	5594.0, 5438.0, 5566.0, 5627.0, 5562.0, 5682.0, 5489.0, 5379.0, 5347.0, 5344.0, 5285.0, 5675.0, 5710.0, 5659.0, 5412.0, 5632.0, 5526.0, 5518.0, 5583.0, 5473.0, 5724.0, 5435.0, 5366.0, 5651.0, 5507.0, 5668.0, 5413.0, 5640.0, 5306.0, 5690.0, 5467.0, 5513.0, 5457.0, 5423.0, 5539.0, 5487.0, 5577.0, 5512.0, 5586.0, 5336.0, 5571.0, 5581.0, 5415.0, 5360.0, 5671.0, 5399.0, 5634.0, 5548.0, 5358.0, 5428.0, 5503.0, 5317.0, 5261.0, 5269.0, 5695.0, 5258.0, 5637.0, 5495.0, 5422.0, 5397.0, 5529.0, 5291.0, 5654.0, 5389.0, 5615.0, 5610.0, 5375.0, 5643.0, 5292.0, 5666.0, 5635.0, 5592.0, 5541.0, 5404.0, 5645.0, 5377.0, 5349.0, 5696.0, 5598.0, 5496.0, 5505.0, 5498.0, 5279.0, 5595.0, 5558.0, 5434.0, 5300.0, 5431.0, 5405.0, 5257.0, 5460.0, 5624.0, 5380.0, 5406.0, 5401.0, 5570.0, 5262.0, 5658.0, 5339.0, 5663.0 (number of hits: 17)
4	5530.0	9	1.0	333	1	5269.0, 5521.0, 5713.0, 5250.0, 5714.0, 5716.0, 5389.0, 5623.0, 5597.0, 5469.0, 5447.0, 5720.0, 5369.0, 5378.0, 5421.0, 5645.0, 5604.0, 5394.0, 5458.0, 5311.0, 5271.0, 5509.0, 5416.0, 5662.0, 5579.0, 5674.0, 5432.0, 5638.0, 5608.0, 5472.0, 5398.0, 5715.0, 5381.0, 5536.0, 5670.0, 5437.0, 5306.0, 5550.0, 5661.0, 5585.0, 5395.0, 5644.0, 5702.0, 5452.0, 5563.0, 5658.0, 5605.0, 5456.0, 5635.0, 5339.0, 5677.0, 5329.0, 5461.0, 5499.0, 5542.0, 5387.0, 5350.0, 5460.0, 5364.0, 5478.0, 5324.0, 5279.0, 5270.0, 5546.0, 5654.0, 5486.0, 5470.0, 5463.0, 5698.0, 5363.0, 5284.0, 5616.0, 5400.0, 5477.0, 5376.0, 5253.0, 5697.0, 5481.0, 5722.0, 5298.0, 5634.0, 5487.0, 5564.0, 5594.0, 5610.0, 5493.0, 5407.0, 5409.0, 5588.0, 5639.0, 5420.0, 5653.0, 5455.0, 5655.0, 5377.0, 5379.0, 5622.0, 5693.0, 5571.0, 5611.0 (number of hits: 10)
5	5530.0	9	1.0	333	1	5593.0, 5277.0, 5262.0, 5695.0, 5355.0, 5284.0, 5676.0, 5470.0, 5574.0, 5412.0, 5713.0, 5614.0, 5634.0, 5503.0, 5381.0, 5506.0, 5536.0, 5571.0, 5702.0, 5397.0, 5679.0, 5402.0, 5295.0, 5572.0,

						5623.0, 5669.0, 5320.0, 5697.0, 5439.0, 5393.0, 5313.0, 5454.0, 5647.0, 5657.0, 5278.0, 5546.0, 5475.0, 5478.0, 5563.0, 5543.0, 5514.0, 5565.0, 5329.0, 5445.0, 5597.0, 5606.0, 5306.0, 5654.0, 5703.0, 5334.0, 5480.0, 5720.0, 5586.0, 5354.0, 5519.0, 5526.0, 5708.0, 5367.0, 5385.0, 5635.0, 5430.0, 5359.0, 5356.0, 5714.0, 5326.0, 5636.0, 5413.0, 5551.0, 5409.0, 5332.0, 5502.0, 5423.0, 5582.0, 5350.0, 5568.0, 5399.0, 5466.0, 5603.0, 5265.0, 5591.0, 5500.0, 5555.0, 5512.0, 5366.0, 5599.0, 5547.0, 5310.0, 5567.0, 5706.0, 5691.0, 5390.0, 5704.0, 5709.0, 5291.0, 5516.0, 5692.0, 5368.0, 5408.0, 5258.0, 5646.0 (number of hits: 18 )
6	5530.0	9	1.0	333	1	5318.0, 5500.0, 5719.0, 5699.0, 5704.0, 5510.0, 5361.0, 5294.0, 5384.0, 5472.0, 5514.0, 5509.0, 5269.0, 5682.0, 5350.0, 5481.0, 5330.0, 5261.0, 5639.0, 5468.0, 5303.0, 5585.0, 5495.0, 5258.0, 5675.0, 5513.0, 5488.0, 5251.0, 5547.0, 5574.0, 5381.0, 5454.0, 5418.0, 5504.0, 5507.0, 5393.0, 5491.0, 5470.0, 5683.0, 5398.0, 5616.0, 5505.0, 5570.0, 5473.0, 5351.0, 5645.0, 5436.0, 5576.0, 5588.0, 5632.0, 5282.0, 5550.0, 5564.0, 5304.0, 5555.0, 5538.0, 5305.0, 5496.0, 5308.0, 5573.0, 5517.0, 5563.0, 5422.0, 5655.0, 5710.0, 5610.0, 5310.0, 5602.0, 5667.0, 5572.0, 5417.0, 5689.0, 5615.0, 5723.0, 5526.0, 5329.0, 5279.0, 5680.0, 5503.0, 5412.0, 5512.0, 5568.0, 5494.0, 5521.0, 5426.0, 5653.0, 5464.0, 5321.0, 5606.0, 5335.0, 5333.0, 5621.0, 5579.0, 5337.0, 5266.0, 5313.0, 5265.0, 5715.0, 5562.0, 5443.0 (number of hits: 23 )
7	5530.0	9	1.0	333	1	5368.0, 5446.0, 5578.0, 5318.0, 5575.0, 5465.0, 5285.0, 5511.0, 5399.0, 5440.0, 5266.0, 5316.0, 5383.0, 5663.0, 5572.0, 5304.0, 5335.0, 5331.0, 5267.0, 5585.0, 5500.0, 5404.0, 5635.0, 5689.0, 5609.0, 5564.0, 5563.0, 5392.0, 5454.0, 5507.0, 5373.0, 5268.0, 5361.0, 5356.0, 5388.0, 5529.0, 5460.0, 5319.0, 5565.0, 5456.0, 5324.0, 5381.0, 5599.0, 5530.0, 5395.0, 5545.0, 5701.0, 5594.0, 5263.0, 5276.0, 5416.0, 5411.0, 5477.0, 5486.0, 5309.0, 5644.0, 5470.0, 5622.0, 5650.0, 5693.0, 5289.0, 5641.0, 5490.0, 5540.0, 5687.0, 5336.0, 5516.0, 5549.0, 5668.0, 5713.0, 5721.0, 5341.0, 5501.0, 5603.0, 5671.0, 5617.0, 5534.0, 5260.0, 5573.0, 5680.0, 5327.0, 5648.0, 5710.0, 5531.0, 5655.0, 5253.0, 5636.0, 5397.0, 5295.0, 5587.0, 5293.0, 5656.0, 5343.0, 5577.0, 5429.0, 5352.0, 5660.0, 5676.0, 5366.0, 5590.0 (number of hits: 15 )
8	5530.0	9	1.0	333	1	5369.0, 5620.0, 5580.0, 5718.0, 5704.0, 5687.0, 5705.0, 5488.0, 5472.0, 5606.0, 5281.0, 5717.0, 5348.0, 5335.0, 5499.0, 5289.0, 5646.0, 5415.0, 5262.0, 5257.0, 5387.0, 5277.0, 5344.0, 5690.0, 5339.0, 5707.0, 5360.0, 5314.0, 5456.0, 5578.0, 5267.0, 5645.0, 5398.0, 5497.0, 5677.0, 5663.0, 5531.0, 5489.0, 5514.0, 5328.0, 5631.0, 5571.0, 5341.0, 5366.0, 5388.0, 5576.0, 5371.0, 5438.0, 5480.0, 5455.0, 5530.0, 5461.0, 5653.0, 5502.0, 5483.0, 5468.0, 5372.0, 5512.0, 5720.0, 5637.0, 5449.0, 5661.0, 5382.0, 5721.0, 5656.0, 5414.0, 5292.0, 5597.0, 5252.0, 5594.0, 5423.0, 5669.0, 5422.0, 5258.0, 5626.0, 5396.0, 5343.0, 5589.0, 5399.0, 5352.0, 5558.0, 5708.0, 5298.0, 5307.0, 5486.0, 5313.0, 5435.0, 5609.0, 5312.0, 5613.0, 5546.0, 5299.0, 5278.0, 5329.0, 5404.0, 5336.0, 5384.0, 5346.0, 5383.0, 5539.0 (number of hits: 10 )
9	5530.0	9	1.0	333	1	5471.0, 5300.0, 5489.0, 5630.0, 5282.0, 5604.0, 5285.0, 5304.0, 5702.0, 5359.0, 5614.0, 5656.0, 5445.0, 5545.0, 5425.0, 5615.0, 5672.0, 5403.0, 5438.0, 5526.0, 5572.0, 5525.0, 5353.0, 5557.0, 5252.0, 5692.0, 5693.0, 5370.0, 5547.0, 5483.0, 5683.0, 5674.0, 5263.0, 5371.0, 5473.0, 5700.0, 5418.0, 5290.0, 5623.0, 5501.0, 5633.0, 5649.0, 5338.0, 5365.0, 5286.0, 5660.0, 5464.0, 5363.0, 5600.0, 5632.0, 5631.0, 5500.0, 5264.0, 5704.0, 5720.0, 5424.0, 5592.0, 5430.0, 5331.0, 5298.0, 5317.0, 5313.0, 5463.0, 5456.0, 5538.0, 5626.0, 5666.0, 5301.0, 5377.0, 5550.0, 5354.0, 5514.0, 5356.0, 5305.0, 5605.0, 5568.0, 5340.0, 5594.0, 5575.0, 5378.0, 5537.0, 5494.0, 5640.0, 5503.0, 5622.0, 5722.0, 5659.0, 5522.0, 5413.0, 5564.0, 5705.0, 5332.0, 5667.0, 5271.0, 5653.0, 5516.0,

						5699.0, 5511.0, 5662.0, 5642.0 (number of hits: 17 )
10	5530.0	9	1.0	333	1	5523.0, 5634.0, 5553.0, 5691.0, 5387.0, 5664.0, 5570.0, 5396.0, 5516.0, 5575.0, 5535.0, 5379.0, 5669.0, 5528.0, 5656.0, 5368.0, 5378.0, 5599.0, 5265.0, 5508.0, 5578.0, 5644.0, 5489.0, 5595.0, 5515.0, 5361.0, 5531.0, 5370.0, 5363.0, 5274.0, 5680.0, 5461.0, 5615.0, 5442.0, 5284.0, 5302.0, 5306.0, 5491.0, 5272.0, 5522.0, 5473.0, 5679.0, 5709.0, 5612.0, 5327.0, 5695.0, 5708.0, 5587.0, 5345.0, 5646.0, 5659.0, 5586.0, 5354.0, 5676.0, 5546.0, 5317.0, 5580.0, 5533.0, 5258.0, 5446.0, 5636.0, 5501.0, 5610.0, 5686.0, 5717.0, 5386.0, 5702.0, 5682.0, 5689.0, 5454.0, 5698.0, 5607.0, 5716.0, 5479.0, 5445.0, 5645.0, 5289.0, 5367.0, 5699.0, 5279.0, 5613.0, 5652.0, 5304.0, 5397.0, 5608.0, 5262.0, 5393.0, 5365.0, 5437.0, 5722.0, 5297.0, 5296.0, 5341.0, 5477.0, 5487.0, 5330.0, 5263.0, 5621.0, 5462.0, 5513.0 (number of hits: 13 )
11	5530.0	9	1.0	333	1	5393.0, 5468.0, 5565.0, 5257.0, 5372.0, 5535.0, 5622.0, 5280.0, 5338.0, 5356.0, 5674.0, 5469.0, 5524.0, 5672.0, 5375.0, 5399.0, 5721.0, 5589.0, 5343.0, 5520.0, 5370.0, 5464.0, 5339.0, 5345.0, 5648.0, 5610.0, 5324.0, 5722.0, 5579.0, 5558.0, 5454.0, 5600.0, 5314.0, 5632.0, 5616.0, 5554.0, 5596.0, 5527.0, 5315.0, 5580.0, 5652.0, 5303.0, 5577.0, 5296.0, 5299.0, 5369.0, 5712.0, 5714.0, 5404.0, 5408.0, 5655.0, 5710.0, 5617.0, 5546.0, 5525.0, 5530.0, 5643.0, 5430.0, 5253.0, 5255.0, 5268.0, 5539.0, 5518.0, 5538.0, 5354.0, 5392.0, 5482.0, 5485.0, 5569.0, 5651.0, 5283.0, 5713.0, 5613.0, 5415.0, 5582.0, 5486.0, 5407.0, 5326.0, 5412.0, 5611.0, 5328.0, 5510.0, 5325.0, 5568.0, 5490.0, 5329.0, 5441.0, 5360.0, 5483.0, 5513.0, 5444.0, 5473.0, 5670.0, 5677.0, 5254.0, 5318.0, 5484.0, 5425.0, 5358.0, 5621.0 (number of hits: 15 )
12	5530.0	9	1.0	333	1	5266.0, 5671.0, 5383.0, 5607.0, 5620.0, 5678.0, 5497.0, 5253.0, 5550.0, 5667.0, 5429.0, 5279.0, 5558.0, 5712.0, 5277.0, 5254.0, 5509.0, 5365.0, 5457.0, 5533.0, 5715.0, 5488.0, 5327.0, 5561.0, 5412.0, 5663.0, 5499.0, 5293.0, 5255.0, 5669.0, 5719.0, 5397.0, 5348.0, 5584.0, 5600.0, 5268.0, 5301.0, 5479.0, 5395.0, 5319.0, 5265.0, 5480.0, 5680.0, 5498.0, 5298.0, 5482.0, 5648.0, 5619.0, 5384.0, 5631.0, 5336.0, 5697.0, 5640.0, 5681.0, 5386.0, 5555.0, 5647.0, 5376.0, 5257.0, 5563.0, 5438.0, 5318.0, 5379.0, 5702.0, 5440.0, 5300.0, 5380.0, 5699.0, 5490.0, 5483.0, 5557.0, 5402.0, 5526.0, 5595.0, 5679.0, 5636.0, 5371.0, 5462.0, 5317.0, 5674.0, 5621.0, 5559.0, 5589.0, 5360.0, 5357.0, 5529.0, 5634.0, 5387.0, 5491.0, 5659.0, 5391.0, 5430.0, 5690.0, 5599.0, 5466.0, 5449.0, 5302.0, 5684.0, 5539.0, 5332.0 (number of hits: 15 )
13	5530.0	9	1.0	333	1	5492.0, 5588.0, 5505.0, 5324.0, 5554.0, 5516.0, 5512.0, 5699.0, 5424.0, 5667.0, 5517.0, 5338.0, 5580.0, 5436.0, 5613.0, 5529.0, 5442.0, 5685.0, 5503.0, 5568.0, 5353.0, 5333.0, 5578.0, 5404.0, 5283.0, 5408.0, 5355.0, 5468.0, 5344.0, 5645.0, 5717.0, 5315.0, 5489.0, 5330.0, 5435.0, 5524.0, 5558.0, 5662.0, 5692.0, 5434.0, 5360.0, 5609.0, 5723.0, 5612.0, 5316.0, 5561.0, 5582.0, 5567.0, 5551.0, 5640.0, 5566.0, 5676.0, 5565.0, 5405.0, 5438.0, 5321.0, 5419.0, 5707.0, 5417.0, 5409.0, 5253.0, 5336.0, 5573.0, 5266.0, 5714.0, 5584.0, 5384.0, 5552.0, 5704.0, 5661.0, 5679.0, 5303.0, 5712.0, 5571.0, 5394.0, 5614.0, 5655.0, 5288.0, 5450.0, 5464.0, 5329.0, 5415.0, 5657.0, 5690.0, 5607.0, 5463.0, 5392.0, 5264.0, 5304.0, 5407.0, 5258.0, 5471.0, 5430.0, 5589.0, 5317.0, 5485.0, 5638.0, 5275.0, 5542.0, 5494.0 (number of hits: 18 )
14	5530.0	9	1.0	333	1	5626.0, 5375.0, 5421.0, 5504.0, 5299.0, 5426.0, 5261.0, 5412.0, 5399.0, 5274.0, 5266.0, 5625.0, 5292.0, 5360.0, 5683.0, 5544.0, 5318.0, 5407.0, 5644.0, 5518.0, 5438.0, 5587.0, 5569.0, 5478.0, 5370.0, 5291.0, 5482.0, 5523.0, 5528.0, 5508.0, 5440.0, 5369.0, 5255.0, 5265.0, 5500.0, 5373.0, 5385.0, 5381.0, 5539.0, 5325.0, 5559.0, 5398.0, 5317.0, 5666.0, 5310.0, 5690.0, 5308.0, 5581.0, 5252.0, 5507.0, 5353.0, 5429.0, 5279.0, 5367.0, 5374.0, 5505.0, 5287.0, 5488.0, 5293.0, 5404.0, 5663.0, 5621.0, 5406.0, 5489.0,

						5715.0, 5446.0, 5487.0, 5269.0, 5597.0, 5699.0, 5401.0, 5536.0, 5439.0, 5277.0, 5506.0, 5723.0, 5364.0, 5531.0, 5413.0, 5397.0, 5422.0, 5598.0, 5390.0, 5520.0, 5416.0, 5549.0, 5339.0, 5535.0, 5344.0, 5328.0, 5313.0, 5483.0, 5697.0, 5437.0, 5649.0, 5322.0, 5583.0, 5611.0, 5356.0, 5545.0 (number of hits: 18)
15	5530.0	9	1.0	333	1	5661.0, 5626.0, 5276.0, 5259.0, 5359.0, 5417.0, 5357.0, 5391.0, 5650.0, 5649.0, 5560.0, 5618.0, 5470.0, 5253.0, 5314.0, 5561.0, 5594.0, 5256.0, 5612.0, 5374.0, 5410.0, 5666.0, 5708.0, 5617.0, 5721.0, 5609.0, 5673.0, 5581.0, 5418.0, 5698.0, 5251.0, 5576.0, 5658.0, 5451.0, 5316.0, 5467.0, 5364.0, 5512.0, 5586.0, 5532.0, 5266.0, 5473.0, 5494.0, 5624.0, 5264.0, 5642.0, 5474.0, 5616.0, 5342.0, 5329.0, 5250.0, 5465.0, 5475.0, 5333.0, 5514.0, 5533.0, 5600.0, 5464.0, 5419.0, 5615.0, 5453.0, 5684.0, 5383.0, 5497.0, 5430.0, 5368.0, 5714.0, 5643.0, 5662.0, 5350.0, 5376.0, 5537.0, 5606.0, 5484.0, 5330.0, 5595.0, 5552.0, 5634.0, 5406.0, 5645.0, 5421.0, 5401.0, 5286.0, 5685.0, 5435.0, 5655.0, 5580.0, 5489.0, 5479.0, 5335.0, 5487.0, 5307.0, 5318.0, 5695.0, 5543.0, 5277.0, 5298.0, 5619.0, 5498.0, 5415.0 (number of hits: 12)
16	5530.0	9	1.0	333	1	5302.0, 5537.0, 5460.0, 5278.0, 5397.0, 5307.0, 5699.0, 5394.0, 5297.0, 5477.0, 5407.0, 5339.0, 5629.0, 5378.0, 5432.0, 5497.0, 5334.0, 5588.0, 5478.0, 5486.0, 5553.0, 5718.0, 5513.0, 5305.0, 5268.0, 5470.0, 5367.0, 5272.0, 5525.0, 5711.0, 5391.0, 5678.0, 5301.0, 5691.0, 5343.0, 5333.0, 5583.0, 5620.0, 5464.0, 5411.0, 5628.0, 5322.0, 5509.0, 5710.0, 5607.0, 5345.0, 5539.0, 5287.0, 5405.0, 5295.0, 5572.0, 5325.0, 5372.0, 5615.0, 5368.0, 5444.0, 5284.0, 5395.0, 5354.0, 5370.0, 5642.0, 5360.0, 5257.0, 5362.0, 5568.0, 5579.0, 5279.0, 5273.0, 5606.0, 5643.0, 5443.0, 5469.0, 5511.0, 5529.0, 5315.0, 5684.0, 5564.0, 5542.0, 5716.0, 5503.0, 5311.0, 5321.0, 5456.0, 5480.0, 5447.0, 5292.0, 5385.0, 5373.0, 5533.0, 5410.0, 5450.0, 5505.0, 5519.0, 5528.0, 5398.0, 5381.0, 5487.0, 5350.0, 5258.0, 5496.0 (number of hits: 17)
17	5530.0	9	1.0	333	1	5574.0, 5419.0, 5451.0, 5625.0, 5318.0, 5654.0, 5345.0, 5516.0, 5709.0, 5637.0, 5712.0, 5714.0, 5619.0, 5440.0, 5459.0, 5467.0, 5542.0, 5509.0, 5292.0, 5344.0, 5665.0, 5475.0, 5540.0, 5329.0, 5496.0, 5477.0, 5349.0, 5458.0, 5604.0, 5431.0, 5677.0, 5502.0, 5412.0, 5363.0, 5471.0, 5291.0, 5283.0, 5528.0, 5251.0, 5253.0, 5702.0, 5293.0, 5285.0, 5488.0, 5275.0, 5670.0, 5718.0, 5686.0, 5651.0, 5364.0, 5640.0, 5320.0, 5409.0, 5526.0, 5527.0, 5396.0, 5704.0, 5717.0, 5631.0, 5653.0, 5514.0, 5537.0, 5510.0, 5457.0, 5616.0, 5432.0, 5575.0, 5481.0, 5694.0, 5448.0, 5549.0, 5706.0, 5339.0, 5401.0, 5546.0, 5551.0, 5442.0, 5430.0, 5304.0, 5492.0, 5669.0, 5688.0, 5581.0, 5710.0, 5429.0, 5597.0, 5449.0, 5690.0, 5703.0, 5584.0, 5645.0, 5465.0, 5360.0, 5572.0, 5268.0, 5312.0, 5534.0, 5591.0, 5468.0, 5713.0 (number of hits: 17)
18	5530.0	9	1.0	333	1	5302.0, 5304.0, 5446.0, 5452.0, 5346.0, 5723.0, 5376.0, 5406.0, 5373.0, 5260.0, 5557.0, 5293.0, 5415.0, 5680.0, 5552.0, 5282.0, 5658.0, 5597.0, 5306.0, 5342.0, 5462.0, 5387.0, 5335.0, 5591.0, 5669.0, 5338.0, 5609.0, 5250.0, 5714.0, 5289.0, 5264.0, 5515.0, 5339.0, 5402.0, 5713.0, 5278.0, 5500.0, 5545.0, 5312.0, 5252.0, 5491.0, 5688.0, 5589.0, 5378.0, 5718.0, 5435.0, 5450.0, 5404.0, 5523.0, 5701.0, 5379.0, 5534.0, 5255.0, 5513.0, 5390.0, 5553.0, 5303.0, 5355.0, 5512.0, 5652.0, 5682.0, 5320.0, 5265.0, 5409.0, 5440.0, 5453.0, 5579.0, 5660.0, 5475.0, 5374.0, 5638.0, 5445.0, 5639.0, 5626.0, 5540.0, 5582.0, 5642.0, 5432.0, 5584.0, 5551.0, 5344.0, 5598.0, 5606.0, 5588.0, 5391.0, 5672.0, 5676.0, 5353.0, 5392.0, 5516.0, 5311.0, 5656.0, 5268.0, 5712.0, 5635.0, 5654.0, 5309.0, 5299.0, 5422.0, 5317.0 (number of hits: 13)
19	5530.0	9	1.0	333	1	5304.0, 5540.0, 5597.0, 5326.0, 5702.0, 5294.0, 5263.0, 5478.0, 5564.0, 5401.0, 5587.0, 5573.0, 5721.0, 5253.0, 5617.0, 5562.0, 5536.0, 5654.0, 5565.0, 5599.0, 5274.0, 5701.0, 5402.0, 5372.0, 5420.0, 5369.0, 5305.0, 5585.0, 5600.0, 5717.0, 5670.0, 5364.0,

						5450.0, 5270.0, 5345.0, 5514.0, 5405.0, 5363.0, 5522.0, 5380.0, 5625.0, 5686.0, 5576.0, 5490.0, 5251.0, 5384.0, 5482.0, 5392.0, 5683.0, 5312.0, 5674.0, 5719.0, 5532.0, 5282.0, 5327.0, 5346.0, 5428.0, 5607.0, 5605.0, 5687.0, 5586.0, 5314.0, 5720.0, 5637.0, 5431.0, 5629.0, 5529.0, 5288.0, 5448.0, 5682.0, 5559.0, 5711.0, 5313.0, 5370.0, 5352.0, 5486.0, 5278.0, 5462.0, 5644.0, 5563.0, 5292.0, 5367.0, 5652.0, 5264.0, 5479.0, 5546.0, 5279.0, 5676.0, 5660.0, 5535.0, 5544.0, 5510.0, 5468.0, 5336.0, 5267.0, 5537.0, 5317.0, 5622.0, 5383.0, 5627.0 (number of hits: 16 )
20	5530.0	9	1.0	333	1	5719.0, 5429.0, 5672.0, 5639.0, 5398.0, 5316.0, 5326.0, 5359.0, 5545.0, 5343.0, 5717.0, 5440.0, 5697.0, 5447.0, 5703.0, 5498.0, 5465.0, 5650.0, 5401.0, 5405.0, 5466.0, 5714.0, 5481.0, 5469.0, 5324.0, 5370.0, 5362.0, 5344.0, 5616.0, 5517.0, 5453.0, 5306.0, 5272.0, 5299.0, 5652.0, 5468.0, 5470.0, 5523.0, 5501.0, 5720.0, 5511.0, 5549.0, 5459.0, 5570.0, 5658.0, 5280.0, 5476.0, 5562.0, 5595.0, 5503.0, 5573.0, 5486.0, 5427.0, 5367.0, 5681.0, 5255.0, 5699.0, 5253.0, 5591.0, 5500.0, 5495.0, 5428.0, 5625.0, 5348.0, 5267.0, 5325.0, 5583.0, 5417.0, 5415.0, 5671.0, 5256.0, 5643.0, 5688.0, 5263.0, 5644.0, 5423.0, 5674.0, 5406.0, 5437.0, 5418.0, 5443.0, 5409.0, 5547.0, 5700.0, 5564.0, 5467.0, 5628.0, 5561.0, 5320.0, 5712.0, 5576.0, 5297.0, 5445.0, 5694.0, 5457.0, 5317.0, 5537.0, 5404.0, 5339.0, 5515.0 (number of hits: 16 )
21	5530.0	9	1.0	333	1	5305.0, 5469.0, 5351.0, 5584.0, 5687.0, 5670.0, 5662.0, 5548.0, 5425.0, 5659.0, 5278.0, 5387.0, 5676.0, 5587.0, 5379.0, 5701.0, 5660.0, 5375.0, 5259.0, 5357.0, 5555.0, 5253.0, 5316.0, 5302.0, 5645.0, 5286.0, 5528.0, 5352.0, 5504.0, 5496.0, 5432.0, 5460.0, 5667.0, 5271.0, 5603.0, 5653.0, 5586.0, 5638.0, 5713.0, 5716.0, 5451.0, 5484.0, 5439.0, 5342.0, 5283.0, 5314.0, 5463.0, 5717.0, 5304.0, 5485.0, 5385.0, 5718.0, 5488.0, 5719.0, 5573.0, 5335.0, 5511.0, 5597.0, 5576.0, 5295.0, 5401.0, 5370.0, 5721.0, 5550.0, 5520.0, 5714.0, 5445.0, 5336.0, 5559.0, 5341.0, 5276.0, 5564.0, 5585.0, 5453.0, 5486.0, 5307.0, 5540.0, 5380.0, 5362.0, 5443.0, 5403.0, 5292.0, 5552.0, 5321.0, 5296.0, 5406.0, 5327.0, 5495.0, 5458.0, 5358.0, 5350.0, 5333.0, 5429.0, 5644.0, 5394.0, 5426.0, 5512.0, 5402.0, 5655.0, 5498.0 (number of hits: 15 )
22	5530.0	9	1.0	333	1	5431.0, 5493.0, 5622.0, 5436.0, 5509.0, 5465.0, 5537.0, 5709.0, 5414.0, 5447.0, 5355.0, 5603.0, 5335.0, 5629.0, 5625.0, 5428.0, 5615.0, 5383.0, 5543.0, 5545.0, 5464.0, 5660.0, 5364.0, 5354.0, 5397.0, 5276.0, 5344.0, 5268.0, 5585.0, 5702.0, 5371.0, 5504.0, 5351.0, 5515.0, 5683.0, 5282.0, 5508.0, 5303.0, 5275.0, 5586.0, 5693.0, 5540.0, 5328.0, 5564.0, 5292.0, 5651.0, 5578.0, 5569.0, 5301.0, 5719.0, 5260.0, 5471.0, 5266.0, 5366.0, 5636.0, 5532.0, 5505.0, 5274.0, 5712.0, 5363.0, 5338.0, 5528.0, 5570.0, 5409.0, 5596.0, 5367.0, 5283.0, 5396.0, 5477.0, 5450.0, 5594.0, 5495.0, 5568.0, 5635.0, 5422.0, 5486.0, 5386.0, 5305.0, 5423.0, 5576.0, 5711.0, 5681.0, 5452.0, 5480.0, 5688.0, 5619.0, 5513.0, 5304.0, 5579.0, 5583.0, 5601.0, 5460.0, 5638.0, 5270.0, 5317.0, 5632.0, 5661.0, 5318.0, 5280.0, 5373.0 (number of hits: 15 )
23	5530.0	9	1.0	333	1	5368.0, 5666.0, 5379.0, 5362.0, 5434.0, 5578.0, 5450.0, 5431.0, 5632.0, 5421.0, 5599.0, 5604.0, 5520.0, 5676.0, 5610.0, 5621.0, 5586.0, 5681.0, 5491.0, 5332.0, 5569.0, 5439.0, 5311.0, 5427.0, 5652.0, 5307.0, 5532.0, 5328.0, 5590.0, 5554.0, 5603.0, 5669.0, 5347.0, 5257.0, 5631.0, 5536.0, 5279.0, 5696.0, 5583.0, 5386.0, 5508.0, 5428.0, 5597.0, 5479.0, 5312.0, 5300.0, 5665.0, 5611.0, 5478.0, 5477.0, 5492.0, 5493.0, 5715.0, 5626.0, 5291.0, 5367.0, 5413.0, 5709.0, 5623.0, 5685.0, 5453.0, 5645.0, 5335.0, 5407.0, 5280.0, 5638.0, 5564.0, 5418.0, 5700.0, 5596.0, 5659.0, 5557.0, 5667.0, 5534.0, 5498.0, 5356.0, 5515.0, 5598.0, 5552.0, 5633.0, 5550.0, 5305.0, 5363.0, 5370.0, 5683.0, 5510.0, 5644.0, 5385.0, 5449.0, 5448.0, 5408.0, 5675.0, 5651.0, 5494.0, 5646.0, 5542.0, 5318.0, 5322.0, 5641.0, 5436.0 (number of hits: 17 )

24	5530.0	9	1.0	333	1	5614.0, 5550.0, 5331.0, 5462.0, 5595.0, 5309.0, 5384.0, 5500.0, 5276.0, 5666.0, 5383.0, 5292.0, 5534.0, 5255.0, 5266.0, 5424.0, 5668.0, 5466.0, 5422.0, 5505.0, 5665.0, 5590.0, 5451.0, 5308.0, 5336.0, 5517.0, 5536.0, 5494.0, 5601.0, 5298.0, 5467.0, 5444.0, 5254.0, 5348.0, 5693.0, 5418.0, 5259.0, 5316.0, 5521.0, 5681.0, 5558.0, 5527.0, 5548.0, 5577.0, 5610.0, 5272.0, 5492.0, 5716.0, 5658.0, 5464.0, 5697.0, 5705.0, 5320.0, 5677.0, 5460.0, 5346.0, 5692.0, 5290.0, 5582.0, 5670.0, 5495.0, 5642.0, 5641.0, 5702.0, 5528.0, 5563.0, 5345.0, 5615.0, 5603.0, 5442.0, 5600.0, 5269.0, 5675.0, 5291.0, 5312.0, 5609.0, 5671.0, 5557.0, 5355.0, 5510.0, 5379.0, 5698.0, 5279.0, 5332.0, 5623.0, 5256.0, 5687.0, 5507.0, 5398.0, 5718.0, 5720.0, 5416.0, 5621.0, 5639.0, 5469.0, 5537.0, 5566.0, 5394.0, 5663.0, 5296.0 (number of hits: 20)
25	5530.0	9	1.0	333	1	5714.0, 5465.0, 5252.0, 5418.0, 5363.0, 5704.0, 5677.0, 5558.0, 5435.0, 5526.0, 5619.0, 5508.0, 5520.0, 5455.0, 5392.0, 5572.0, 5270.0, 5531.0, 5559.0, 5260.0, 5443.0, 5595.0, 5295.0, 5679.0, 5615.0, 5575.0, 5702.0, 5376.0, 5414.0, 5535.0, 5502.0, 5578.0, 5328.0, 5688.0, 5453.0, 5413.0, 5334.0, 5281.0, 5422.0, 5622.0, 5409.0, 5497.0, 5536.0, 5274.0, 5456.0, 5681.0, 5683.0, 5286.0, 5447.0, 5719.0, 5606.0, 5579.0, 5459.0, 5445.0, 5720.0, 5636.0, 5496.0, 5291.0, 5675.0, 5574.0, 5354.0, 5410.0, 5335.0, 5682.0, 5278.0, 5407.0, 5429.0, 5538.0, 5601.0, 5589.0, 5689.0, 5576.0, 5468.0, 5257.0, 5297.0, 5273.0, 5307.0, 5598.0, 5491.0, 5499.0, 5569.0, 5284.0, 5666.0, 5433.0, 5352.0, 5339.0, 5365.0, 5415.0, 5485.0, 5614.0, 5255.0, 5331.0, 5317.0, 5592.0, 5620.0, 5250.0, 5670.0, 5394.0, 5621.0, 5462.0 (number of hits: 13)
26	5530.0	9	1.0	333	1	5710.0, 5604.0, 5263.0, 5667.0, 5613.0, 5525.0, 5428.0, 5488.0, 5326.0, 5455.0, 5302.0, 5642.0, 5305.0, 5485.0, 5407.0, 5576.0, 5496.0, 5635.0, 5365.0, 5652.0, 5254.0, 5521.0, 5699.0, 5698.0, 5490.0, 5540.0, 5390.0, 5682.0, 5301.0, 5251.0, 5317.0, 5514.0, 5320.0, 5331.0, 5290.0, 5477.0, 5567.0, 5293.0, 5460.0, 5349.0, 5574.0, 5546.0, 5338.0, 5452.0, 5516.0, 5260.0, 5720.0, 5360.0, 5484.0, 5257.0, 5718.0, 5303.0, 5702.0, 5335.0, 5561.0, 5267.0, 5594.0, 5292.0, 5421.0, 5339.0, 5478.0, 5663.0, 5551.0, 5683.0, 5691.0, 5436.0, 5620.0, 5316.0, 5361.0, 5511.0, 5680.0, 5444.0, 5295.0, 5621.0, 5422.0, 5286.0, 5572.0, 5385.0, 5673.0, 5553.0, 5306.0, 5441.0, 5442.0, 5469.0, 5278.0, 5648.0, 5533.0, 5632.0, 5692.0, 5552.0, 5640.0, 5324.0, 5443.0, 5472.0, 5600.0, 5426.0, 5489.0, 5482.0, 5475.0, 5664.0 (number of hits: 14)
27	5530.0	9	1.0	333	1	5658.0, 5556.0, 5631.0, 5703.0, 5663.0, 5358.0, 5383.0, 5386.0, 5520.0, 5356.0, 5681.0, 5318.0, 5641.0, 5412.0, 5680.0, 5557.0, 5258.0, 5489.0, 5360.0, 5570.0, 5481.0, 5417.0, 5478.0, 5579.0, 5283.0, 5614.0, 5545.0, 5590.0, 5408.0, 5623.0, 5644.0, 5647.0, 5694.0, 5292.0, 5479.0, 5435.0, 5330.0, 5599.0, 5400.0, 5370.0, 5574.0, 5640.0, 5503.0, 5413.0, 5554.0, 5373.0, 5449.0, 5461.0, 5473.0, 5313.0, 5505.0, 5675.0, 5543.0, 5715.0, 5537.0, 5613.0, 5415.0, 5353.0, 5719.0, 5251.0, 5442.0, 5371.0, 5476.0, 5487.0, 5427.0, 5465.0, 5502.0, 5702.0, 5718.0, 5616.0, 5705.0, 5325.0, 5667.0, 5421.0, 5516.0, 5363.0, 5668.0, 5331.0, 5651.0, 5475.0, 5669.0, 5300.0, 5514.0, 5615.0, 5521.0, 5398.0, 5438.0, 5714.0, 5650.0, 5498.0, 5472.0, 5524.0, 5464.0, 5324.0, 5568.0, 5664.0, 5402.0, 5411.0, 5457.0, 5377.0 (number of hits: 15)
28	5530.0	9	1.0	333	1	5542.0, 5476.0, 5588.0, 5559.0, 5693.0, 5546.0, 5359.0, 5713.0, 5513.0, 5413.0, 5634.0, 5569.0, 5458.0, 5461.0, 5609.0, 5490.0, 5427.0, 5327.0, 5260.0, 5618.0, 5654.0, 5509.0, 5600.0, 5676.0, 5519.0, 5293.0, 5452.0, 5341.0, 5428.0, 5267.0, 5648.0, 5474.0, 5465.0, 5404.0, 5343.0, 5665.0, 5289.0, 5281.0, 5466.0, 5563.0, 5662.0, 5346.0, 5484.0, 5649.0, 5678.0, 5663.0, 5579.0, 5701.0, 5307.0, 5422.0, 5575.0, 5544.0, 5310.0, 5420.0, 5354.0, 5393.0, 5482.0, 5319.0, 5666.0, 5539.0, 5439.0, 5705.0, 5339.0, 5264.0, 5370.0, 5610.0, 5692.0, 5488.0, 5271.0, 5297.0, 5277.0, 5602.0,

						5302.0, 5644.0, 5698.0, 5651.0, 5659.0, 5669.0, 5585.0, 5525.0, 5690.0, 5419.0, 5392.0, 5467.0, 5491.0, 5589.0, 5436.0, 5348.0, 5325.0, 5276.0, 5526.0, 5258.0, 5275.0, 5448.0, 5633.0, 5445.0, 5375.0, 5312.0, 5313.0, 5617.0 (number of hits: 11 )
29	5530.0	9	1.0	333	1	5608.0, 5292.0, 5396.0, 5645.0, 5596.0, 5377.0, 5618.0, 5652.0, 5709.0, 5549.0, 5586.0, 5649.0, 5694.0, 5580.0, 5420.0, 5688.0, 5433.0, 5559.0, 5545.0, 5509.0, 5259.0, 5448.0, 5619.0, 5409.0, 5673.0, 5720.0, 5646.0, 5387.0, 5490.0, 5425.0, 5374.0, 5579.0, 5693.0, 5306.0, 5544.0, 5710.0, 5464.0, 5366.0, 5443.0, 5265.0, 5628.0, 5334.0, 5505.0, 5303.0, 5423.0, 5421.0, 5289.0, 5511.0, 5500.0, 5661.0, 5556.0, 5499.0, 5564.0, 5724.0, 5326.0, 5447.0, 5633.0, 5311.0, 5593.0, 5273.0, 5551.0, 5267.0, 5524.0, 5507.0, 5644.0, 5367.0, 5253.0, 5402.0, 5463.0, 5336.0, 5390.0, 5284.0, 5699.0, 5296.0, 5523.0, 5347.0, 5717.0, 5667.0, 5702.0, 5313.0, 5708.0, 5606.0, 5357.0, 5592.0, 5626.0, 5342.0, 5271.0, 5622.0, 5469.0, 5569.0, 5437.0, 5375.0, 5252.0, 5620.0, 5658.0, 5528.0, 5389.0, 5353.0, 5721.0, 5251.0 (number of hits: 16 )
30	5530.0	9	1.0	333	1	5592.0, 5266.0, 5416.0, 5630.0, 5461.0, 5676.0, 5523.0, 5665.0, 5438.0, 5649.0, 5673.0, 5496.0, 5604.0, 5304.0, 5699.0, 5292.0, 5549.0, 5527.0, 5531.0, 5706.0, 5475.0, 5668.0, 5589.0, 5657.0, 5369.0, 5288.0, 5289.0, 5517.0, 5720.0, 5536.0, 5439.0, 5424.0, 5329.0, 5626.0, 5704.0, 5500.0, 5296.0, 5483.0, 5515.0, 5722.0, 5525.0, 5397.0, 5319.0, 5267.0, 5350.0, 5371.0, 5431.0, 5315.0, 5361.0, 5372.0, 5336.0, 5578.0, 5529.0, 5321.0, 5685.0, 5285.0, 5622.0, 5305.0, 5634.0, 5441.0, 5599.0, 5251.0, 5486.0, 5437.0, 5555.0, 5566.0, 5297.0, 5317.0, 5528.0, 5533.0, 5501.0, 5333.0, 5481.0, 5326.0, 5588.0, 5404.0, 5679.0, 5462.0, 5654.0, 5290.0, 5687.0, 5391.0, 5466.0, 5546.0, 5294.0, 5509.0, 5689.0, 5516.0, 5448.0, 5487.0, 5484.0, 5553.0, 5259.0, 5505.0, 5364.0, 5265.0, 5567.0, 5257.0, 5708.0, 5681.0 (number of hits: 22 )

**P2MP Mode  
Pine Radio****5500 MHz, 20 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	96.7 %	60%	Pass
<b>Type 2</b>	30	76.7 %	60%	Pass
<b>Type 3</b>	30	73.3 %	60%	Pass
<b>Type 4</b>	30	80 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	81.7 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	96.7 %	70%	Pass



**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	86	1.0	618	1
2	18	1.0	3066	1
3	95	1.0	558	1
4	72	1.0	738	1
5	89	1.0	598	1
6	65	1.0	818	1
7	70	1.0	758	1
8	63	1.0	838	1
9	76	1.0	698	1
10	102	1.0	518	1
11	92	1.0	578	1
12	78	1.0	678	1
13	68	1.0	778	1
14	83	1.0	638	1
15	81	1.0	658	1
1	42	1.0	1270	1
2	20	1.0	2776	0
3	22	1.0	2408	1
4	30	1.0	1764	1
5	27	1.0	2004	1
6	21	1.0	2519	1
7	18	1.0	2933	1
8	72	1.0	736	1
9	19	1.0	2793	1
10	22	1.0	2463	1
11	19	1.0	2909	1
12	25	1.0	2150	1
13	18	1.0	3054	1
14	19	1.0	2819	1
15	23	1.0	2373	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>				

**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	24	1.8	187	1
2	24	1.3	189	1
3	24	1.5	217	0
4	25	5.0	160	1
5	26	1.9	210	1
6	25	4.0	168	0
7	26	3.0	202	1
8	27	4.0	166	1
9	29	2.6	204	1
10	23	3.6	216	1
11	24	4.3	217	1
12	29	4.1	197	0
13	27	4.2	193	1
14	25	4.4	193	1
15	26	1.0	215	1
16	25	4.8	229	0
17	29	4.5	220	0
18	24	2.6	185	1
19	29	1.7	186	1
20	27	3.0	170	0
21	26	4.3	219	1
22	28	2.8	168	0
23	25	1.5	195	1
24	27	2.3	225	1
25	27	1.0	179	1
26	25	3.7	174	1
27	24	2.2	206	1
28	28	3.6	172	1
29	27	1.9	153	1
30	25	2.5	185	1
<b>Detection Percentage: 76.7 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.

Trial #	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	16	6.3	215	1
2	17	8.4	414	1
3	16	6.2	422	1
4	18	8.9	463	1
5	16	10.0	342	1
6	17	10.0	494	1
7	17	8.7	299	1
8	16	8.9	206	0
9	17	7.9	427	1
10	18	8.0	223	0
11	18	7.1	392	1
12	18	8.0	485	1
13	16	8.5	447	1
14	18	7.5	266	1
15	17	9.5	309	1
16	18	7.4	273	1
17	17	9.3	331	0
18	17	9.2	364	1
19	17	9.2	394	0
20	17	8.3	436	0
21	17	9.7	252	0
22	16	10.0	360	1
23	18	9.3	255	1
24	17	6.7	397	1
25	17	6.2	350	0
26	16	7.5	497	1
27	16	9.9	477	0
28	16	8.3	260	1
29	17	6.8	448	1
30	16	9.0	300	1
<b>Detection Percentage: 73.3 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5510 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (µS)</b>	<b>PRI (µs)</b>	<b>Detection (1:yes; 0:no)</b>
1	12	14.4	386	1
2	13	15.9	349	0
3	15	12.8	377	0
4	14	19.3	215	1
5	16	11.6	453	1
6	16	19.6	406	1
7	15	13.4	285	1
8	15	17.3	368	1
9	13	15.0	370	1
10	14	13.4	255	1
11	13	13.1	254	1
12	14	13.6	306	1
13	12	17.8	274	0
14	13	19.3	372	1
15	16	12.6	497	1
16	12	12.3	353	1
17	16	11.1	493	0
18	13	17.2	408	1
19	14	19.7	483	1
20	16	14.5	361	1
21	15	12.7	239	1
22	16	15.8	500	1
23	12	12.0	448	1
24	15	17.0	260	1
25	14	18.1	488	0
26	13	18.3	487	1
27	13	15.9	479	1
28	13	17.4	234	1
29	12	16.5	392	0
30	12	15.6	319	1
<b>Detection Percentage: 80 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5500	1
2	5500	1
3	5500	1
4	5500	1
5	5500	1
6	5500	1
7	5500	1
8	5500	1
9	5500	1
10	5500	1
11	5495.0	1
12	5498.6	1
13	5496.2	1
14	5497.8	1
15	5496.6	1
16	5497.8	1
17	5497.8	1
18	5495.0	1
19	5498.2	1
20	5495.8	1
21	5501.4	1
22	5503.0	1
23	5501.0	1
24	5501.4	1
25	5504.2	1
26	5501.0	1
27	5505.0	1
28	5501.8	1
29	5506.2	1
30	5504.6	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	65.8			0.018477	1
1	2	5	66.0	1008		1.320977	
2	3	5	72.3	1809	1483	1.870509	
3	3	5	81.7	1480	1756	2.912472	
4	1	5	78.4			3.640516	
5	2	5	59.7	1715		4.011669	
6	2	5	82.3	1757		5.532240	
7	1	5	91.6			6.198611	
8	2	5	78.0	1723		7.179565	
9	1	5	74.3			7.301870	
10	3	5	77.3	1762	1218	8.550741	
11	2	5	71.7	1205		9.388256	
12	2	5	93.1	1820		10.140074	
13	2	5	95.6	1186		10.507620	
14	1	5	96.9			11.299964	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	82.3			0.605096	1
1	3	12	90.2	1187	1593	1.876634	
2	1	12	76.5			2.264531	
3	1	12	51.8			4.112885	
4	2	12	76.2	1639		4.707687	
5	2	12	68.7	1444		5.821528	
6	2	12	96.6	1113		7.366972	
7	3	12	84.6	1253	1520	8.545905	
8	2	12	92.1	1604		9.708926	
9	3	12	88.6	1903	1132	10.541001	
10	1	12	58.3			11.658710	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	66.0	1327	1165	0.270764	1
1	2	10	97.1	1309		1.288290	
2	1	10	61.0			1.929692	
3	2	10	51.2	1604		2.135488	
4	3	10	55.5	1475	1832	3.268017	
5	3	10	73.3	1306	1524	3.628254	
6	1	10	54.7			4.427678	
7	2	10	84.7	1227		4.752048	
8	2	10	95.9	1351		5.924659	
9	1	10	78.4			6.011088	
10	2	10	55.4	1142		7.226300	
11	3	10	90.2	1878	1139	7.715731	
12	1	10	97.1			8.345316	
13	2	10	98.8	1314		9.308223	
14	2	10	65.5	1610		9.620154	
15	1	10	77.0			10.023858	
16	3	10	90.1	1613	1659	11.140271	
17	1	10	75.7			11.860976	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	87.1	1165		0.193169	1
1	2	6	59.0	1612		1.104872	
2	2	6	81.9	1609		3.010745	
3	2	6	99.4	1664		3.660617	
4	2	6	80.4	1645		4.513895	
5	2	6	61.6	1597		5.948202	
6	1	6	97.5			6.597081	
7	2	6	65.4	1614		8.662804	
8	3	6	91.7	1839	1718	9.133373	
9	3	6	65.4	1650	1639	9.845168	
10	3	6	71.2	1135	1069	11.624781	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	65.7	1005		0.502722	1
1	3	5	59.8	1926	1626	0.885718	
2	2	5	91.1	1973		1.652768	
3	2	5	75.2	1348		2.361969	
4	2	5	66.6	1807		2.923812	
5	2	5	76.3	1351		3.559302	
6	2	5	92.8	1205		4.236569	
7	2	5	61.6	1845		5.057156	
8	1	5	83.4			5.745649	
9	2	5	78.1	1643		6.051343	
10	1	5	65.9			7.197347	
11	1	5	96.3			7.971502	
12	2	5	77.4	1967		8.042819	
13	2	5	97.3	1691		9.228110	
14	2	5	97.8	1466		9.960988	
15	2	5	94.7	1110		10.498860	
16	2	5	63.6	1855		10.992477	
17	2	5	52.3	1908		11.682558	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	96.1	1600		0.294553	1
1	3	10	95.2	1786	1677	1.318355	
2	2	10	69.9	1968		1.957018	
3	3	10	83.0	1693	1868	2.901151	
4	3	10	62.7	1446	1917	3.858519	
5	1	10	60.4			4.525041	
6	2	10	64.1	1378		5.355534	
7	2	10	91.2	1619		5.925828	
8	2	10	70.3	1743		7.185542	
9	2	10	79.0	1147		7.466192	
10	3	10	62.6	1936	1444	8.101434	
11	2	10	66.7	1016		9.103255	
12	2	10	62.6	1445		9.729270	
13	2	10	74.7	1349		10.934820	
14	2	10	78.5	1184		11.814263	



## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	67.0			0.503249	1
1	2	10	77.5	1286		0.867060	
2	1	10	91.1			1.895915	
3	3	10	78.2	1992	1245	2.821209	
4	3	10	82.1	1360	1644	3.274556	
5	3	10	69.1	1495	1414	4.475804	
6	2	10	64.6	1622		4.616065	
7	2	10	70.3	1314		5.474244	
8	3	10	50.4	1075	1278	6.240087	
9	1	10	86.4			6.797372	
10	1	10	86.9			7.705133	
11	2	10	97.6	1324		8.396030	
12	2	10	52.2	1326		9.607302	
13	2	10	50.6	1665		10.415925	
14	3	10	74.8	1206	1210	11.079996	
15	1	10	73.1			11.944312	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	84.0	1192		0.058269	1
1	2	13	95.5	1712		1.132963	
2	3	13	59.8	1720	1153	1.398740	
3	2	13	93.1	1385		2.304447	
4	2	13	62.8	1278		2.595946	
5	2	13	64.5	1873		3.168203	
6	1	13	93.0			3.991730	
7	1	13	89.8			4.684236	
8	2	13	96.4	1510		5.279338	
9	1	13	78.5			5.401368	
10	2	13	70.3	1056		6.326369	
11	2	13	99.1	1390		6.667685	
12	2	13	64.5	1048		7.578493	
13	2	13	51.8	1101		8.055443	
14	2	13	86.3	1342		8.787400	
15	2	13	56.1	1722		9.584513	
16	1	13	66.8			9.686052	
17	3	13	86.7	1844	1217	10.415308	
18	3	13	90.9	1195	1058	11.372375	
19	2	13	65.2	1074		11.832612	

## Bin5 Statistics 9

<b>Trial #</b>	<b>Pulse</b>	<b>Chirp (MHz)</b>	<b>Pulse Width (µS)</b>	<b>Pulse 1-2 spacing (µS)</b>	<b>Pulse 2-3 spacing (µS)</b>	<b>Pulse Start(S)</b>	<b>Detection (1:yes; 0:no)</b>
0	2	12	60.5	1735		0.088974	1
1	2	12	61.9	1705		0.738848	
2	2	12	68.5	1896		1.829991	
3	2	12	87.2	1653		2.007935	
4	2	12	72.7	1241		2.806250	
5	1	12	90.6			3.866805	
6	3	12	79.6	1230	1863	4.611060	
7	2	12	65.7	1779		4.818271	
8	2	12	51.6	1864		5.797261	
9	1	12	52.2			6.455082	
10	1	12	85.0			7.088399	
11	3	12	60.5	1481	1698	7.861892	
12	1	12	84.4			8.455798	
13	3	12	83.1	1797	1997	9.239354	
14	2	12	67.9	1041		9.784262	
15	3	12	77.6	1669	1897	10.192645	
16	1	12	61.9			10.935993	
17	2	12	70.1	1859		11.380317	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	65.7	1697		0.407209	1
1	3	10	89.0	1351	1509	1.106916	
2	2	10	65.2	1195		1.867938	
3	1	10	68.5			1.920004	
4	1	10	97.4			2.591203	
5	2	10	65.2	1064		3.429774	
6	2	10	52.6	1541		4.138372	
7	1	10	60.7			4.719320	
8	2	10	77.7	1318		5.259736	
9	2	10	65.9	1807		5.847692	
10	3	10	74.5	1924	1660	6.916161	
11	1	10	82.5			7.386990	
12	1	10	53.2			8.165931	
13	2	10	84.1	1347		8.812182	
14	1	10	62.6			9.109696	
15	3	10	54.0	1762	1214	9.682447	
16	2	10	53.9	1159		10.342681	
17	3	10	93.0	1042	1877	10.975119	
18	2	10	97.1	1958		11.889359	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	52.9	1924		0.814064	1
1	1	10	61.8			2.660730	
2	3	10	76.5	1586	1714	3.362468	
3	3	10	75.4	1993	1482	4.443331	
4	2	10	87.6	1550		5.369958	
5	3	10	64.5	1586	1810	7.958393	
6	2	10	91.8	1811		8.830271	
7	2	10	62.7	1029		10.367246	
8	1	10	82.9			10.956173	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	77.7	1853		0.458658	1
1	3	19	62.4	1438	1049	0.909323	
2	2	19	98.7	1036		1.311548	
3	3	19	87.2	1339	1307	1.968183	
4	2	19	68.7	1272		3.144453	
5	1	19	77.3			3.744002	
6	1	19	82.0			4.388756	
7	3	19	50.3	1282	1964	4.702572	
8	3	19	66.5	1743	1346	5.547738	
9	2	19	84.9	1674		5.936281	
10	2	19	60.6	1921		6.941185	
11	1	19	78.8			7.424349	
12	2	19	56.0	1074		8.032432	
13	1	19	95.1			8.575436	
14	2	19	68.7	1679		9.335244	
15	3	19	97.4	1226	1470	10.023853	
16	2	19	81.4	1126		10.689643	
17	3	19	53.7	1669	1660	11.177486	
18	1	19	56.4			11.963936	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	98.9	1144		0.598966	1
1	1	13	60.6			1.766583	
2	3	13	79.2	1273	1216	3.438810	
3	2	13	60.7	1386		3.966624	
4	2	13	91.2	1937		5.234670	
5	1	13	99.0			6.083252	
6	1	13	84.3			8.344752	
7	2	13	50.2	1982		9.204277	
8	2	13	76.4	1161		10.097521	
9	1	13	65.6			11.872244	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	51.9			0.219539	1
1	1	17	65.0			0.802361	
2	2	17	72.3	1229		1.545552	
3	3	17	87.3	1701	1728	2.379032	
4	2	17	73.1	1993		3.192908	
5	1	17	72.0			3.833770	
6	2	17	67.3	1226		4.579032	
7	2	17	90.6	1379		5.354033	
8	3	17	90.5	1997	1904	6.014480	
9	3	17	87.9	1705	1958	6.822908	
10	2	17	79.4	1678		8.185645	
11	2	17	65.4	1782		8.359431	
12	3	17	66.2	1022	1185	9.643325	
13	1	17	58.9			10.197108	
14	2	17	55.7	1717		10.959905	
15	2	17	97.7	1968		11.305346	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	98.2	1271		0.505128	1
1	2	14	65.5	1477		1.168313	
2	1	14	78.1			2.196739	
3	2	14	66.7	1438		2.574171	
4	2	14	77.4	1433		3.926243	
5	1	14	67.9			4.324818	
6	1	14	88.3			5.620804	
7	1	14	72.0			6.350163	
8	3	14	65.2	1669	1503	6.936385	
9	2	14	76.0	1002		7.735945	
10	3	14	51.8	1142	1084	8.804124	
11	2	14	79.9	1921		9.600292	
12	1	14	92.0			10.733444	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	69.2	1967	1007	0.283369	1
1	2	17	75.9	1782		1.805925	
2	3	17	77.9	1664	1812	2.339704	
3	2	17	96.5	1702		3.105828	
4	1	17	53.9			4.564624	
5	2	17	59.1	1304		4.795976	
6	2	17	64.1	1788		6.308131	
7	1	17	65.4			6.683727	
8	2	17	63.7	1164		7.959820	
9	3	17	57.8	1932	1876	8.721611	
10	1	17	83.9			9.249347	
11	1	17	90.4			10.551377	
12	3	17	99.7	1620	1149	11.353753	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	82.2	1267		0.250744	1
1	3	17	56.5	1064	1969	0.779411	
2	2	17	92.9	1122		2.045758	
3	1	17	52.5			2.550401	
4	3	17	68.9	1101	1694	3.388626	
5	2	17	72.5	1893		3.939971	
6	1	17	73.1			4.840808	
7	2	17	56.2	1980		5.348451	
8	3	17	78.0	1684	1945	5.822109	
9	2	17	72.2	1160		6.525256	
10	2	17	56.3	1587		7.340570	
11	3	17	52.9	1709	1064	7.919145	
12	3	17	64.1	1041	1625	9.035391	
13	2	17	88.3	1309		9.495114	
14	2	17	61.8	1420		10.183991	
15	1	17	58.8			10.807417	
16	2	17	58.9	1014		11.369595	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	86.2	1894		0.259753	1
1	2	10	80.8	1999		1.372123	
2	1	10	68.5			2.372852	
3	1	10	92.5			3.565070	
4	1	10	87.1			4.317579	
5	2	10	59.4	1108		5.441058	
6	2	10	75.4	1686		6.138535	
7	2	10	95.0	1057		6.578926	
8	2	10	56.4	1659		7.591067	
9	2	10	81.0	1629		9.046772	
10	2	10	56.1	1405		9.795584	
11	2	10	70.9	1808		11.025702	
12	3	10	87.2	1122	1226	11.829774	



## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	69.8	1542		0.093395	1
1	2	18	69.6	1899		1.433674	
2	1	18	52.0			1.908961	
3	3	18	63.0	1956	1130	2.267548	
4	2	18	98.7	1217		3.316077	
5	2	18	76.2	1292		3.827851	
6	2	18	82.7	1891		4.954142	
7	3	18	52.2	1903	1557	5.424866	
8	3	18	96.9	1730	1910	6.084890	
9	2	18	82.4	1636		6.873059	
10	2	18	75.8	1734		7.827764	
11	2	18	94.2	1415		8.976882	
12	3	18	87.3	1369	1169	9.213774	
13	3	18	73.5	1509	1070	10.185190	
14	2	18	89.6	1249		11.159605	
15	1	18	80.7			11.760597	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	83.8	1888	1386	0.253099	1
1	3	12	93.0	1033	1221	1.289829	
2	2	12	60.3	1954		1.717025	
3	2	12	55.0	1632		2.300263	
4	2	12	75.3	1805		3.263208	
5	1	12	64.9			4.355328	
6	2	12	83.1	1464		5.228319	
7	2	12	54.7	1840		5.339433	
8	1	12	99.7			6.335060	
9	2	12	75.0	1766		7.070667	
10	1	12	51.7			7.785960	
11	3	12	79.1	1538	1044	8.300573	
12	2	12	56.3	1262		9.412109	
13	2	12	96.4	1782		10.111322	
14	1	12	54.2			11.244819	
15	3	12	63.7	1355	1352	11.517663	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	78.7	1234		0.244197	1
1	2	19	83.6	1935		0.887322	
2	2	19	86.2	1152		1.942452	
3	3	19	93.2	1498	1614	2.521194	
4	2	19	98.8	1932		3.398446	
5	2	19	91.1	1416		4.642540	
6	3	19	82.6	1913	1899	5.486664	
7	1	19	97.3			6.349616	
8	3	19	63.0	1639	1730	6.817797	
9	2	19	69.0	1321		7.495463	
10	3	19	81.7	1791	1069	8.602740	
11	1	19	85.9			9.291827	
12	2	19	84.4	1054		9.658259	
13	2	19	83.4	1706		10.981136	
14	1	19	74.6			11.651323	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	71.6	1400	1957	0.094309	1
1	2	15	99.7	1053		1.250846	
2	2	15	89.7	1485		1.540808	
3	2	15	66.4	1249		2.608028	
4	2	15	52.9	1008		3.137691	
5	2	15	85.8	1584		3.967686	
6	2	15	86.1	1412		5.029496	
7	2	15	65.5	1517		5.639802	
8	2	15	90.2	1235		6.232281	
9	2	15	55.4	1790		7.355674	
10	1	15	58.5			7.572266	
11	1	15	98.8			8.459134	
12	2	15	96.4	1532		9.431331	
13	1	15	82.6			10.047023	
14	1	15	66.3			10.971893	
15	1	15	53.5			11.398730	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	99.3			0.949470	1
1	3	20	87.8	1738	1405	2.851764	
2	3	20	55.9	1828	1186	3.792123	
3	2	20	95.7	1389		4.925469	
4	2	20	92.7	1459		7.351786	
5	1	20	63.5			8.042350	
6	1	20	81.1			9.172639	
7	2	20	65.6	1115		10.980420	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	63.7	1056		0.564094	1
1	2	19	62.1	1753		2.615556	
2	2	19	88.1	1818		3.145434	
3	2	19	96.9	1694		4.181150	
4	2	19	88.4	1019		6.169939	
5	2	19	66.4	1388		7.566621	
6	1	19	85.8			8.109799	
7	2	19	93.7	1127		10.512497	
8	1	19	80.4			11.398303	

## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	73.2	1966		0.689745	1
1	2	12	75.8	1156		1.409149	
2	2	12	84.6	1309		2.912428	
3	2	12	80.8	1672		3.302624	
4	2	12	89.0	1531		4.740352	
5	1	12	94.8			5.351275	
6	2	12	80.7	1543		6.342809	
7	2	12	92.9	1129		7.046618	
8	3	12	63.2	1470	1336	8.233051	
9	2	12	67.9	1523		9.076500	
10	2	12	93.1	1354		10.845960	
11	2	12	62.5	1042		11.797866	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	71.0	1062		0.814277	1
1	3	20	57.1	1944	1857	0.887657	
2	1	20	54.7			2.432843	
3	2	20	81.1	1513		3.278660	
4	1	20	86.0			3.972000	
5	1	20	63.7			4.919420	
6	1	20	52.0			5.204251	
7	2	20	54.3	1891		6.197148	
8	3	20	99.2	1819	1954	7.691458	
9	2	20	78.9	1708		8.002469	
10	1	20	84.8			8.788806	
11	3	20	55.3	1403	1162	9.433060	
12	3	20	96.5	1394	1105	10.638050	
13	2	20	80.0	1903		11.744722	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	62.1			0.451194	1
1	2	10	94.0	1947		1.131833	
2	2	10	85.2	1009		2.531714	
3	1	10	66.8			2.803622	
4	3	10	50.1	1010	1354	4.227830	
5	3	10	92.6	1266	1444	5.265403	
6	1	10	66.4			6.161449	
7	2	10	93.5	1169		6.906242	
8	3	10	74.1	1035	1499	8.238795	
9	1	10	75.9			8.837241	
10	3	10	71.8	1332	1680	9.281879	
11	2	10	87.1	1781		10.405275	
12	2	10	95.4	1088		11.158614	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	65.9	1337		0.564926	1
1	1	18	82.6			1.246146	
2	1	18	68.4			1.728117	
3	1	18	62.9			2.690827	
4	2	18	57.7	1577		3.456582	
5	2	18	81.2	1903		4.311594	
6	2	18	77.6	1330		5.458787	
7	1	18	56.2			5.903436	
8	1	18	50.9			6.479651	
9	1	18	67.5			7.314310	
10	3	18	99.1	1019	1137	8.631150	
11	2	18	64.4	1607		9.309692	
12	1	18	90.0			10.041844	
13	2	18	79.2	1928		10.523753	
14	2	18	67.5	1380		11.414940	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	68.6	1913		0.829095	1
1	1	7	70.1			1.402415	
2	2	7	55.0	1228		2.250914	
3	3	7	71.3	1342	1433	3.688054	
4	2	7	66.8	1991		5.256394	
5	2	7	95.0	1970		5.593431	
6	3	7	89.0	1166	1563	6.621582	
7	3	7	69.6	1622	1559	8.042180	
8	1	7	80.5			9.310551	
9	2	7	81.2	1308		10.654037	
10	1	7	64.8			11.255805	

## Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	96.6	1332		0.431523	1
1	1	11	59.5			1.124537	
2	2	11	85.3	1656		1.896804	
3	3	11	69.6	1388	1043	3.610736	
4	3	11	60.7	1076	1083	4.397296	
5	1	11	94.3			4.921230	
6	2	11	75.5	1239		6.140581	
7	2	11	65.3	1948		6.657195	
8	2	11	71.9	1436		7.601661	
9	3	11	52.2	1595	1255	8.663601	
10	2	11	55.4	1906		9.571136	
11	2	11	81.0	1968		10.673060	
12	3	11	83.3	1744	1304	11.611901	

**Table-6 Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500.0	9	1.0	333	1	5418.0, 5305.0, 5477.0, 5371.0, 5323.0, 5419.0, 5549.0, 5292.0, 5369.0, 5486.0, 5421.0, 5291.0, 5656.0, 5709.0, 5423.0, 5522.0, 5609.0, 5282.0, 5275.0, 5565.0, 5541.0, 5433.0, 5629.0, 5575.0, 5295.0, 5564.0, 5345.0, 5426.0, 5679.0, 5497.0, 5514.0, 5462.0, 5389.0, 5388.0, 5324.0, 5707.0, 5338.0, 5608.0, 5500.0, 5623.0, 5660.0, 5381.0, 5676.0, 5489.0, 5704.0, 5416.0, 5315.0, 5422.0, 5476.0, 5340.0, 5616.0, 5474.0, 5270.0, 5267.0, 5302.0, 5499.0, 5686.0, 5551.0, 5425.0, 5390.0, 5690.0, 5415.0, 5701.0, 5593.0, 5443.0, 5485.0, 5718.0, 5542.0, 5460.0, 5712.0, 5617.0, 5329.0, 5554.0, 5281.0, 5360.0, 5427.0, 5508.0, 5661.0, 5361.0, 5615.0, 5668.0, 5507.0, 5467.0, 5429.0, 5346.0, 5399.0, 5674.0, 5713.0, 5517.0, 5664.0, 5509.0, 5278.0, 5643.0, 5303.0, 5484.0, 5692.0, 5420.0, 5494.0, 5677.0, 5344.0 (number of hits: 6)
2	5500.0	9	1.0	333	1	5427.0, 5555.0, 5677.0, 5479.0, 5567.0, 5564.0, 5689.0, 5416.0, 5276.0, 5268.0, 5625.0, 5368.0, 5321.0, 5550.0, 5257.0, 5277.0, 5557.0, 5588.0, 5680.0, 5609.0, 5613.0, 5691.0, 5568.0, 5532.0, 5721.0, 5603.0, 5382.0, 5273.0, 5483.0, 5311.0, 5316.0, 5476.0, 5272.0, 5718.0, 5545.0, 5308.0, 5388.0, 5535.0, 5522.0, 5373.0, 5299.0, 5621.0, 5665.0, 5610.0, 5314.0, 5395.0, 5500.0, 5648.0, 5642.0, 5593.0, 5295.0, 5541.0, 5627.0, 5336.0, 5436.0, 5528.0, 5444.0, 5412.0, 5640.0, 5287.0, 5420.0, 5400.0, 5723.0, 5480.0, 5484.0, 5608.0, 5579.0, 5346.0, 5601.0, 5520.0, 5551.0, 5490.0, 5372.0, 5553.0, 5265.0, 5623.0, 5566.0, 5710.0, 5638.0, 5695.0, 5356.0, 5455.0, 5542.0, 5617.0, 5376.0, 5693.0, 5406.0, 5565.0, 5374.0, 5320.0, 5632.0, 5678.0, 5371.0, 5521.0, 5715.0, 5251.0, 5363.0, 5552.0, 5294.0, 5445.0 (number of hits: 1)
3	5500.0	9	1.0	333	0	
4	5500.0	9	1.0	333	1	5521.0, 5649.0, 5488.0, 5415.0, 5377.0, 5576.0, 5536.0, 5664.0, 5443.0, 5279.0, 5689.0, 5467.0, 5660.0, 5632.0, 5693.0, 5680.0, 5307.0, 5605.0, 5352.0, 5264.0, 5590.0, 5676.0, 5321.0, 5326.0, 5284.0, 5535.0, 5619.0, 5525.0, 5583.0, 5519.0, 5585.0, 5462.0, 5507.0, 5520.0, 5454.0, 5683.0, 5351.0, 5333.0, 5492.0, 5493.0, 5495.0, 5372.0, 5465.0, 5527.0, 5543.0, 5285.0, 5480.0, 5414.0, 5464.0, 5692.0, 5690.0, 5456.0, 5633.0, 5667.0, 5311.0, 5292.0, 5567.0, 5476.0, 5713.0, 5274.0, 5271.0, 5364.0, 5531.0, 5691.0, 5294.0, 5715.0, 5620.0, 5478.0, 5522.0, 5389.0, 5438.0, 5561.0, 5365.0, 5251.0, 5517.0, 5717.0, 5390.0, 5427.0, 5646.0, 5582.0, 5306.0, 5550.0, 5526.0, 5538.0, 5345.0, 5710.0, 5255.0, 5592.0, 5286.0, 5473.0, 5440.0, 5593.0, 5504.0, 5544.0, 5640.0, 5629.0, 5348.0, 5510.0, 5422.0, 5721.0 (number of hits: 5)
5	5500.0	9	1.0	333	1	5334.0, 5644.0, 5447.0, 5347.0, 5453.0, 5719.0, 5692.0, 5683.0, 5712.0, 5501.0, 5372.0, 5299.0, 5496.0, 5561.0, 5514.0, 5452.0, 5673.0, 5384.0, 5378.0, 5649.0, 5697.0, 5269.0, 5604.0, 5270.0, 5440.0, 5320.0, 5477.0, 5717.0, 5348.0, 5619.0, 5414.0, 5500.0, 5457.0, 5581.0, 5508.0, 5575.0, 5705.0, 5344.0, 5579.0, 5663.0, 5617.0, 5602.0, 5704.0, 5423.0, 5468.0, 5656.0, 5396.0, 5278.0, 5331.0, 5606.0, 5562.0, 5281.0, 5695.0, 5546.0, 5338.0, 5360.0, 5461.0, 5646.0, 5681.0, 5539.0, 5383.0, 5273.0, 5637.0,

						5354.0, 5481.0, 5498.0, 5380.0, 5471.0, 5670.0, 5376.0, 5405.0, 5715.0, 5588.0, 5630.0, 5326.0, 5342.0, 5297.0, 5253.0, 5436.0, 5322.0, 5308.0, 5469.0, 5687.0, 5537.0, 5624.0, 5513.0, 5713.0, 5710.0, 5307.0, 5486.0, 5527.0, 5626.0, 5568.0, 5669.0, 5507.0, 5543.0, 5519.0, 5413.0, 5563.0, 5570.0 (number of hits: 6)
6	5500.0	9	1.0	333	1	5616.0, 5268.0, 5385.0, 5646.0, 5429.0, 5578.0, 5623.0, 5508.0, 5412.0, 5502.0, 5545.0, 5355.0, 5664.0, 5537.0, 5714.0, 5267.0, 5364.0, 5482.0, 5327.0, 5464.0, 5289.0, 5529.0, 5676.0, 5619.0, 5509.0, 5390.0, 5408.0, 5450.0, 5624.0, 5638.0, 5568.0, 5321.0, 5551.0, 5425.0, 5656.0, 5661.0, 5411.0, 5416.0, 5347.0, 5469.0, 5494.0, 5310.0, 5605.0, 5536.0, 5652.0, 5357.0, 5441.0, 5718.0, 5610.0, 5261.0, 5607.0, 5596.0, 5421.0, 5266.0, 5625.0, 5362.0, 5507.0, 5360.0, 5278.0, 5402.0, 5314.0, 5467.0, 5706.0, 5570.0, 5322.0, 5468.0, 5288.0, 5401.0, 5444.0, 5287.0, 5702.0, 5447.0, 5373.0, 5318.0, 5328.0, 5586.0, 5463.0, 5283.0, 5527.0, 5376.0, 5418.0, 5309.0, 5313.0, 5618.0, 5255.0, 5495.0, 5539.0, 5388.0, 5662.0, 5615.0, 5647.0, 5317.0, 5549.0, 5608.0, 5592.0, 5433.0, 5352.0, 5584.0, 5547.0, 5582.0 (number of hits: 5)
7	5500.0	9	1.0	333	1	5563.0, 5407.0, 5718.0, 5670.0, 5349.0, 5693.0, 5347.0, 5496.0, 5376.0, 5363.0, 5498.0, 5678.0, 5524.0, 5457.0, 5443.0, 5499.0, 5711.0, 5526.0, 5597.0, 5474.0, 5351.0, 5618.0, 5650.0, 5631.0, 5502.0, 5313.0, 5617.0, 5296.0, 5657.0, 5307.0, 5714.0, 5456.0, 5274.0, 5256.0, 5270.0, 5475.0, 5690.0, 5684.0, 5671.0, 5295.0, 5365.0, 5326.0, 5513.0, 5453.0, 5696.0, 5416.0, 5574.0, 5710.0, 5328.0, 5606.0, 5598.0, 5543.0, 5697.0, 5640.0, 5413.0, 5547.0, 5549.0, 5519.0, 5317.0, 5647.0, 5478.0, 5372.0, 5291.0, 5267.0, 5434.0, 5509.0, 5565.0, 5469.0, 5685.0, 5445.0, 5331.0, 5485.0, 5550.0, 5415.0, 5268.0, 5440.0, 5420.0, 5280.0, 5285.0, 5441.0, 5709.0, 5390.0, 5654.0, 5515.0, 5717.0, 5666.0, 5290.0, 5369.0, 5698.0, 5253.0, 5564.0, 5282.0, 5299.0, 5371.0, 5518.0, 5292.0, 5348.0, 5261.0, 5464.0, 5311.0 (number of hits: 4)
8	5500.0	9	1.0	333	1	5499.0, 5275.0, 5645.0, 5670.0, 5367.0, 5566.0, 5518.0, 5611.0, 5264.0, 5639.0, 5503.0, 5469.0, 5720.0, 5358.0, 5269.0, 5538.0, 5685.0, 5319.0, 5487.0, 5627.0, 5665.0, 5399.0, 5407.0, 5445.0, 5384.0, 5589.0, 5647.0, 5331.0, 5421.0, 5311.0, 5718.0, 5687.0, 5606.0, 5489.0, 5623.0, 5625.0, 5400.0, 5278.0, 5505.0, 5548.0, 5578.0, 5635.0, 5398.0, 5644.0, 5501.0, 5561.0, 5557.0, 5677.0, 5573.0, 5659.0, 5483.0, 5419.0, 5396.0, 5604.0, 5540.0, 5496.0, 5451.0, 5350.0, 5474.0, 5556.0, 5585.0, 5669.0, 5526.0, 5478.0, 5502.0, 5612.0, 5692.0, 5286.0, 5448.0, 5300.0, 5576.0, 5550.0, 5551.0, 5260.0, 5481.0, 5302.0, 5383.0, 5417.0, 5377.0, 5681.0, 5486.0, 5696.0, 5614.0, 5649.0, 5531.0, 5416.0, 5431.0, 5554.0, 5723.0, 5361.0, 5429.0, 5297.0, 5537.0, 5514.0, 5530.0, 5609.0, 5533.0, 5520.0, 5711.0, 5657.0 (number of hits: 6)
9	5500.0	9	1.0	333	1	5441.0, 5369.0, 5564.0, 5290.0, 5569.0, 5407.0, 5455.0, 5453.0, 5478.0, 5349.0, 5607.0, 5277.0, 5435.0, 5610.0, 5702.0, 5326.0, 5317.0, 5568.0, 5616.0, 5398.0, 5518.0, 5261.0, 5474.0, 5345.0, 5514.0, 5533.0, 5551.0, 5559.0, 5622.0, 5689.0, 5628.0, 5682.0, 5281.0, 5456.0, 5537.0, 5585.0, 5308.0, 5515.0, 5664.0, 5458.0, 5501.0, 5493.0, 5560.0, 5268.0, 5566.0, 5412.0, 5325.0, 5473.0, 5259.0, 5355.0, 5279.0, 5598.0, 5251.0, 5614.0, 5502.0, 5374.0, 5499.0, 5426.0, 5524.0, 5432.0, 5580.0, 5672.0, 5378.0, 5611.0, 5254.0, 5588.0, 5615.0, 5465.0, 5589.0, 5563.0,



						5635.0, 5530.0, 5582.0, 5372.0, 5587.0, 5414.0, 5320.0, 5260.0, 5423.0, 5573.0, 5678.0, 5301.0, 5686.0, 5681.0, 5554.0, 5718.0, 5410.0, 5480.0, 5327.0, 5647.0, 5461.0, 5437.0, 5583.0, 5381.0, 5406.0, 5444.0, 5409.0, 5303.0, 5506.0, 5545.0 (number of hits: 5)
10	5500.0	9	1.0	333	1	5282.0, 5415.0, 5433.0, 5289.0, 5363.0, 5442.0, 5574.0, 5533.0, 5292.0, 5390.0, 5665.0, 5403.0, 5474.0, 5686.0, 5263.0, 5498.0, 5691.0, 5596.0, 5484.0, 5721.0, 5599.0, 5679.0, 5594.0, 5704.0, 5598.0, 5438.0, 5646.0, 5285.0, 5468.0, 5545.0, 5641.0, 5622.0, 5270.0, 5279.0, 5386.0, 5269.0, 5715.0, 5394.0, 5527.0, 5626.0, 5588.0, 5577.0, 5326.0, 5308.0, 5444.0, 5600.0, 5526.0, 5672.0, 5402.0, 5614.0, 5593.0, 5677.0, 5608.0, 5591.0, 5368.0, 5383.0, 5470.0, 5418.0, 5473.0, 5659.0, 5670.0, 5463.0, 5365.0, 5683.0, 5681.0, 5609.0, 5655.0, 5542.0, 5396.0, 5556.0, 5301.0, 5464.0, 5452.0, 5417.0, 5619.0, 5668.0, 5319.0, 5719.0, 5344.0, 5714.0, 5558.0, 5490.0, 5703.0, 5578.0, 5299.0, 5291.0, 5504.0, 5605.0, 5420.0, 5477.0, 5653.0, 5586.0, 5485.0, 5272.0, 5405.0, 5620.0, 5584.0, 5565.0, 5697.0, 5624.0 (number of hits: 2)
11	5500.0	9	1.0	333	1	5607.0, 5464.0, 5345.0, 5402.0, 5621.0, 5706.0, 5634.0, 5461.0, 5628.0, 5679.0, 5711.0, 5672.0, 5650.0, 5393.0, 5316.0, 5446.0, 5456.0, 5645.0, 5519.0, 5491.0, 5623.0, 5458.0, 5444.0, 5638.0, 5719.0, 5508.0, 5533.0, 5401.0, 5576.0, 5264.0, 5331.0, 5478.0, 5289.0, 5557.0, 5677.0, 5622.0, 5604.0, 5460.0, 5301.0, 5364.0, 5499.0, 5329.0, 5263.0, 5526.0, 5599.0, 5419.0, 5414.0, 5627.0, 5531.0, 5320.0, 5592.0, 5311.0, 5365.0, 5543.0, 5283.0, 5321.0, 5422.0, 5412.0, 5572.0, 5637.0, 5483.0, 5657.0, 5326.0, 5342.0, 5668.0, 5506.0, 5663.0, 5603.0, 5556.0, 5701.0, 5411.0, 5684.0, 5332.0, 5590.0, 5653.0, 5494.0, 5687.0, 5398.0, 5459.0, 5362.0, 5610.0, 5555.0, 5476.0, 5597.0, 5710.0, 5428.0, 5575.0, 5374.0, 5371.0, 5462.0, 5363.0, 5541.0, 5707.0, 5702.0, 5481.0, 5257.0, 5453.0, 5421.0, 5472.0, 5357.0 (number of hits: 5)
12	5500.0	9	1.0	333	1	5607.0, 5582.0, 5707.0, 5645.0, 5559.0, 5570.0, 5491.0, 5626.0, 5553.0, 5697.0, 5496.0, 5587.0, 5427.0, 5474.0, 5661.0, 5286.0, 5523.0, 5515.0, 5263.0, 5383.0, 5603.0, 5688.0, 5601.0, 5536.0, 5598.0, 5397.0, 5428.0, 5535.0, 5407.0, 5632.0, 5261.0, 5618.0, 5437.0, 5435.0, 5363.0, 5470.0, 5357.0, 5252.0, 5401.0, 5461.0, 5511.0, 5495.0, 5267.0, 5299.0, 5419.0, 5258.0, 5387.0, 5384.0, 5320.0, 5405.0, 5381.0, 5657.0, 5540.0, 5287.0, 5659.0, 5444.0, 5508.0, 5335.0, 5512.0, 5471.0, 5605.0, 5721.0, 5720.0, 5317.0, 5538.0, 5716.0, 5455.0, 5494.0, 5479.0, 5709.0, 5308.0, 5555.0, 5425.0, 5355.0, 5334.0, 5596.0, 5622.0, 5714.0, 5717.0, 5275.0, 5613.0, 5513.0, 5684.0, 5602.0, 5422.0, 5576.0, 5251.0, 5510.0, 5490.0, 5292.0, 5423.0, 5348.0, 5715.0, 5463.0, 5530.0, 5573.0, 5639.0, 5465.0, 5472.0, 5699.0 (number of hits: 5)
13	5500.0	9	1.0	333	1	5547.0, 5629.0, 5358.0, 5623.0, 5668.0, 5479.0, 5316.0, 5428.0, 5350.0, 5299.0, 5603.0, 5522.0, 5475.0, 5486.0, 5468.0, 5529.0, 5680.0, 5568.0, 5721.0, 5263.0, 5573.0, 5256.0, 5583.0, 5254.0, 5562.0, 5274.0, 5319.0, 5307.0, 5320.0, 5346.0, 5359.0, 5544.0, 5258.0, 5371.0, 5352.0, 5660.0, 5388.0, 5579.0, 5612.0, 5611.0, 5408.0, 5417.0, 5715.0, 5621.0, 5564.0, 5461.0, 5647.0, 5430.0, 5369.0, 5396.0, 5634.0, 5304.0, 5266.0, 5642.0, 5540.0, 5587.0, 5446.0, 5676.0, 5639.0, 5390.0, 5590.0, 5594.0, 5626.0, 5532.0, 5528.0, 5593.0, 5553.0, 5410.0, 5255.0, 5582.0, 5419.0, 5342.0, 5596.0, 5252.0, 5602.0, 5684.0, 5438.0,

						5565.0, 5508.0, 5298.0, 5719.0, 5305.0, 5406.0, 5356.0, 5335.0, 5259.0, 5364.0, 5482.0, 5337.0, 5277.0, 5638.0, 5617.0, 5651.0, 5505.0, 5636.0, 5269.0, 5691.0, 5317.0, 5566.0, 5303.0 (number of hits: 2)
14	5500.0	9	1.0	333	1	5334.0, 5304.0, 5563.0, 5405.0, 5459.0, 5393.0, 5456.0, 5355.0, 5581.0, 5703.0, 5640.0, 5275.0, 5266.0, 5396.0, 5643.0, 5489.0, 5425.0, 5486.0, 5327.0, 5323.0, 5465.0, 5639.0, 5712.0, 5620.0, 5370.0, 5308.0, 5587.0, 5642.0, 5316.0, 5707.0, 5442.0, 5307.0, 5493.0, 5627.0, 5514.0, 5535.0, 5437.0, 5483.0, 5350.0, 5549.0, 5472.0, 5585.0, 5500.0, 5335.0, 5448.0, 5682.0, 5365.0, 5600.0, 5299.0, 5313.0, 5570.0, 5285.0, 5630.0, 5584.0, 5696.0, 5311.0, 5578.0, 5567.0, 5494.0, 5612.0, 5582.0, 5664.0, 5418.0, 5477.0, 5428.0, 5474.0, 5542.0, 5633.0, 5431.0, 5593.0, 5398.0, 5351.0, 5590.0, 5293.0, 5385.0, 5375.0, 5646.0, 5397.0, 5676.0, 5312.0, 5490.0, 5394.0, 5647.0, 5380.0, 5615.0, 5495.0, 5378.0, 5435.0, 5426.0, 5487.0, 5506.0, 5338.0, 5559.0, 5677.0, 5336.0, 5634.0, 5492.0, 5305.0, 5289.0, 5264.0 (number of hits: 6)
15	5500.0	9	1.0	333	1	5698.0, 5495.0, 5562.0, 5676.0, 5383.0, 5579.0, 5282.0, 5519.0, 5344.0, 5578.0, 5396.0, 5456.0, 5654.0, 5401.0, 5652.0, 5524.0, 5509.0, 5450.0, 5352.0, 5358.0, 5418.0, 5404.0, 5468.0, 5308.0, 5253.0, 5488.0, 5532.0, 5679.0, 5508.0, 5298.0, 5620.0, 5299.0, 5346.0, 5669.0, 5554.0, 5645.0, 5300.0, 5556.0, 5674.0, 5347.0, 5713.0, 5649.0, 5569.0, 5680.0, 5406.0, 5597.0, 5631.0, 5547.0, 5522.0, 5677.0, 5379.0, 5498.0, 5595.0, 5516.0, 5338.0, 5512.0, 5610.0, 5255.0, 5393.0, 5539.0, 5416.0, 5264.0, 5668.0, 5634.0, 5504.0, 5476.0, 5684.0, 5390.0, 5689.0, 5391.0, 5337.0, 5297.0, 5359.0, 5632.0, 5455.0, 5466.0, 5566.0, 5666.0, 5565.0, 5540.0, 5400.0, 5459.0, 5419.0, 5608.0, 5425.0, 5600.0, 5387.0, 5527.0, 5474.0, 5702.0, 5678.0, 5287.0, 5293.0, 5511.0, 5405.0, 5389.0, 5505.0, 5630.0, 5251.0, 5458.0 (number of hits: 5)
16	5500.0	9	1.0	333	1	5368.0, 5682.0, 5674.0, 5656.0, 5665.0, 5470.0, 5556.0, 5378.0, 5496.0, 5576.0, 5374.0, 5269.0, 5619.0, 5528.0, 5320.0, 5468.0, 5479.0, 5633.0, 5589.0, 5606.0, 5398.0, 5439.0, 5703.0, 5336.0, 5295.0, 5631.0, 5285.0, 5260.0, 5459.0, 5290.0, 5723.0, 5460.0, 5624.0, 5386.0, 5503.0, 5586.0, 5636.0, 5305.0, 5664.0, 5431.0, 5596.0, 5275.0, 5563.0, 5312.0, 5271.0, 5280.0, 5720.0, 5371.0, 5341.0, 5316.0, 5462.0, 5432.0, 5626.0, 5707.0, 5532.0, 5653.0, 5333.0, 5343.0, 5339.0, 5276.0, 5644.0, 5413.0, 5584.0, 5327.0, 5536.0, 5348.0, 5613.0, 5408.0, 5313.0, 5611.0, 5678.0, 5484.0, 5411.0, 5330.0, 5519.0, 5447.0, 5268.0, 5571.0, 5527.0, 5293.0, 5465.0, 5288.0, 5643.0, 5354.0, 5706.0, 5608.0, 5255.0, 5558.0, 5615.0, 5335.0, 5342.0, 5531.0, 5622.0, 5304.0, 5382.0, 5476.0, 5346.0, 5353.0, 5564.0, 5456.0 (number of hits: 2)
17	5500.0	9	1.0	333	1	5355.0, 5459.0, 5405.0, 5326.0, 5420.0, 5705.0, 5390.0, 5720.0, 5527.0, 5419.0, 5520.0, 5617.0, 5335.0, 5546.0, 5530.0, 5333.0, 5719.0, 5578.0, 5600.0, 5580.0, 5277.0, 5490.0, 5510.0, 5434.0, 5289.0, 5699.0, 5612.0, 5528.0, 5556.0, 5440.0, 5431.0, 5337.0, 5562.0, 5638.0, 5369.0, 5716.0, 5294.0, 5592.0, 5377.0, 5653.0, 5449.0, 5410.0, 5283.0, 5367.0, 5356.0, 5402.0, 5672.0, 5706.0, 5301.0, 5666.0, 5639.0, 5281.0, 5329.0, 5721.0, 5519.0, 5517.0, 5421.0, 5354.0, 5307.0, 5646.0, 5589.0, 5352.0, 5591.0, 5309.0, 5488.0, 5391.0, 5483.0, 5408.0, 5323.0, 5407.0, 5345.0, 5437.0, 5718.0, 5288.0, 5468.0, 5258.0, 5332.0, 5532.0, 5413.0, 5522.0, 5585.0, 5383.0, 5314.0, 5555.0,

						5362.0, 5601.0, 5344.0, 5568.0, 5515.0, 5385.0, 5260.0, 5547.0, 5300.0, 5500.0, 5454.0, 5403.0, 5268.0, 5634.0, 5551.0, 5308.0 (number of hits: 1)
18	5500.0	9	1.0	333	1	5461.0, 5652.0, 5323.0, 5336.0, 5561.0, 5481.0, 5685.0, 5353.0, 5360.0, 5557.0, 5296.0, 5495.0, 5438.0, 5427.0, 5293.0, 5344.0, 5706.0, 5378.0, 5599.0, 5439.0, 5683.0, 5375.0, 5479.0, 5633.0, 5595.0, 5638.0, 5611.0, 5276.0, 5582.0, 5569.0, 5597.0, 5583.0, 5590.0, 5699.0, 5538.0, 5325.0, 5321.0, 5499.0, 5252.0, 5314.0, 5562.0, 5421.0, 5433.0, 5624.0, 5608.0, 5645.0, 5484.0, 5328.0, 5412.0, 5352.0, 5387.0, 5528.0, 5670.0, 5287.0, 5654.0, 5409.0, 5673.0, 5391.0, 5357.0, 5400.0, 5718.0, 5284.0, 5458.0, 5260.0, 5361.0, 5648.0, 5642.0, 5390.0, 5692.0, 5625.0, 5426.0, 5348.0, 5382.0, 5477.0, 5698.0, 5434.0, 5601.0, 5616.0, 5691.0, 5676.0, 5630.0, 5551.0, 5483.0, 5274.0, 5431.0, 5363.0, 5506.0, 5428.0, 5566.0, 5459.0, 5449.0, 5491.0, 5263.0, 5291.0, 5367.0, 5281.0, 5715.0, 5273.0, 5377.0, 5657.0 (number of hits: 4)
19	5500.0	9	1.0	333	1	5448.0, 5375.0, 5504.0, 5716.0, 5482.0, 5362.0, 5610.0, 5510.0, 5660.0, 5490.0, 5409.0, 5710.0, 5623.0, 5471.0, 5684.0, 5361.0, 5581.0, 5514.0, 5332.0, 5642.0, 5622.0, 5695.0, 5706.0, 5575.0, 5456.0, 5720.0, 5400.0, 5493.0, 5301.0, 5584.0, 5489.0, 5396.0, 5589.0, 5670.0, 5570.0, 5699.0, 5320.0, 5527.0, 5533.0, 5630.0, 5497.0, 5718.0, 5289.0, 5661.0, 5607.0, 5663.0, 5477.0, 5428.0, 5397.0, 5331.0, 5405.0, 5530.0, 5693.0, 5468.0, 5704.0, 5452.0, 5576.0, 5643.0, 5585.0, 5256.0, 5337.0, 5447.0, 5529.0, 5423.0, 5450.0, 5349.0, 5625.0, 5356.0, 5287.0, 5393.0, 5365.0, 5650.0, 5352.0, 5327.0, 5459.0, 5354.0, 5286.0, 5277.0, 5439.0, 5667.0, 5378.0, 5583.0, 5668.0, 5701.0, 5562.0, 5536.0, 5541.0, 5315.0, 5509.0, 5473.0, 5715.0, 5580.0, 5328.0, 5495.0, 5526.0, 5269.0, 5491.0, 5500.0, 5292.0, 5270.0 (number of hits: 6)
20	5500.0	9	1.0	333	1	5546.0, 5636.0, 5713.0, 5487.0, 5257.0, 5264.0, 5308.0, 5400.0, 5402.0, 5537.0, 5495.0, 5286.0, 5673.0, 5587.0, 5259.0, 5346.0, 5288.0, 5699.0, 5255.0, 5659.0, 5328.0, 5426.0, 5401.0, 5344.0, 5403.0, 5507.0, 5614.0, 5569.0, 5409.0, 5392.0, 5398.0, 5709.0, 5446.0, 5650.0, 5351.0, 5333.0, 5580.0, 5685.0, 5467.0, 5541.0, 5521.0, 5655.0, 5316.0, 5574.0, 5452.0, 5696.0, 5352.0, 5535.0, 5568.0, 5667.0, 5581.0, 5444.0, 5396.0, 5457.0, 5490.0, 5600.0, 5603.0, 5670.0, 5332.0, 5485.0, 5629.0, 5376.0, 5325.0, 5498.0, 5527.0, 5712.0, 5439.0, 5578.0, 5517.0, 5370.0, 5430.0, 5523.0, 5399.0, 5514.0, 5604.0, 5365.0, 5635.0, 5380.0, 5283.0, 5675.0, 5448.0, 5282.0, 5644.0, 5707.0, 5413.0, 5459.0, 5638.0, 5479.0, 5722.0, 5531.0, 5383.0, 5296.0, 5436.0, 5718.0, 5489.0, 5478.0, 5455.0, 5680.0, 5265.0, 5453.0 (number of hits: 3)
21	5500.0	9	1.0	333	1	5486.0, 5271.0, 5422.0, 5265.0, 5421.0, 5493.0, 5701.0, 5412.0, 5388.0, 5274.0, 5647.0, 5718.0, 5322.0, 5464.0, 5622.0, 5461.0, 5672.0, 5332.0, 5474.0, 5317.0, 5709.0, 5662.0, 5352.0, 5315.0, 5541.0, 5443.0, 5428.0, 5610.0, 5638.0, 5580.0, 5496.0, 5586.0, 5477.0, 5660.0, 5446.0, 5696.0, 5501.0, 5386.0, 5535.0, 5528.0, 5503.0, 5300.0, 5491.0, 5393.0, 5511.0, 5367.0, 5253.0, 5374.0, 5263.0, 5325.0, 5677.0, 5601.0, 5307.0, 5651.0, 5435.0, 5296.0, 5720.0, 5686.0, 5627.0, 5633.0, 5572.0, 5591.0, 5316.0, 5715.0, 5385.0, 5661.0, 5319.0, 5522.0, 5295.0, 5395.0, 5351.0, 5630.0, 5333.0, 5578.0, 5327.0, 5260.0, 5472.0, 5711.0, 5334.0, 5473.0, 5471.0, 5667.0, 5340.0, 5349.0, 5441.0, 5694.0, 5381.0, 5350.0, 5289.0, 5439.0, 5425.0,

						5326.0, 5495.0, 5648.0, 5642.0, 5551.0, 5527.0, 5328.0, 5268.0, 5413.0 (number of hits: 6)
22	5500.0	9	1.0	333	1	5376.0, 5388.0, 5438.0, 5477.0, 5631.0, 5583.0, 5289.0, 5552.0, 5558.0, 5591.0, 5278.0, 5553.0, 5490.0, 5701.0, 5668.0, 5544.0, 5424.0, 5650.0, 5279.0, 5434.0, 5284.0, 5326.0, 5695.0, 5659.0, 5690.0, 5503.0, 5546.0, 5272.0, 5340.0, 5590.0, 5559.0, 5441.0, 5349.0, 5300.0, 5480.0, 5265.0, 5350.0, 5408.0, 5531.0, 5709.0, 5496.0, 5662.0, 5356.0, 5455.0, 5273.0, 5636.0, 5700.0, 5627.0, 5362.0, 5343.0, 5567.0, 5680.0, 5679.0, 5374.0, 5561.0, 5512.0, 5685.0, 5251.0, 5476.0, 5625.0, 5495.0, 5457.0, 5574.0, 5651.0, 5473.0, 5433.0, 5528.0, 5589.0, 5647.0, 5487.0, 5657.0, 5641.0, 5444.0, 5504.0, 5280.0, 5534.0, 5494.0, 5341.0, 5286.0, 5537.0, 5372.0, 5328.0, 5447.0, 5645.0, 5430.0, 5618.0, 5405.0, 5427.0, 5431.0, 5596.0, 5621.0, 5577.0, 5281.0, 5318.0, 5381.0, 5543.0, 5404.0, 5491.0, 5628.0, 5332.0 (number of hits: 6)
23	5500.0	9	1.0	333	1	5442.0, 5496.0, 5508.0, 5471.0, 5517.0, 5439.0, 5298.0, 5346.0, 5415.0, 5472.0, 5399.0, 5326.0, 5391.0, 5521.0, 5330.0, 5477.0, 5518.0, 5327.0, 5463.0, 5722.0, 5349.0, 5362.0, 5387.0, 5455.0, 5531.0, 5325.0, 5398.0, 5405.0, 5317.0, 5255.0, 5502.0, 5646.0, 5512.0, 5658.0, 5562.0, 5360.0, 5417.0, 5689.0, 5682.0, 5450.0, 5392.0, 5310.0, 5541.0, 5509.0, 5633.0, 5513.0, 5283.0, 5655.0, 5397.0, 5575.0, 5553.0, 5670.0, 5588.0, 5650.0, 5595.0, 5554.0, 5280.0, 5355.0, 5676.0, 5404.0, 5468.0, 5654.0, 5350.0, 5371.0, 5490.0, 5552.0, 5618.0, 5540.0, 5408.0, 5316.0, 5395.0, 5560.0, 5559.0, 5500.0, 5690.0, 5679.0, 5345.0, 5256.0, 5342.0, 5416.0, 5370.0, 5413.0, 5582.0, 5486.0, 5583.0, 5373.0, 5264.0, 5414.0, 5664.0, 5649.0, 5665.0, 5534.0, 5260.0, 5354.0, 5364.0, 5615.0, 5680.0, 5358.0, 5474.0, 5604.0 (number of hits: 4)
24	5500.0	9	1.0	333	1	5708.0, 5567.0, 5358.0, 5711.0, 5511.0, 5436.0, 5256.0, 5586.0, 5462.0, 5719.0, 5718.0, 5539.0, 5644.0, 5517.0, 5454.0, 5629.0, 5500.0, 5429.0, 5528.0, 5488.0, 5296.0, 5574.0, 5322.0, 5354.0, 5720.0, 5715.0, 5373.0, 5425.0, 5510.0, 5601.0, 5344.0, 5568.0, 5405.0, 5668.0, 5308.0, 5335.0, 5435.0, 5420.0, 5465.0, 5566.0, 5318.0, 5377.0, 5594.0, 5352.0, 5664.0, 5647.0, 5258.0, 5363.0, 5717.0, 5701.0, 5616.0, 5516.0, 5254.0, 5679.0, 5414.0, 5585.0, 5666.0, 5472.0, 5309.0, 5392.0, 5268.0, 5270.0, 5386.0, 5573.0, 5638.0, 5555.0, 5450.0, 5289.0, 5490.0, 5690.0, 5677.0, 5675.0, 5397.0, 5348.0, 5624.0, 5662.0, 5504.0, 5531.0, 5470.0, 5605.0, 5655.0, 5394.0, 5423.0, 5603.0, 5345.0, 5417.0, 5286.0, 5600.0, 5457.0, 5705.0, 5596.0, 5604.0, 5400.0, 5587.0, 5674.0, 5359.0, 5634.0, 5338.0, 5632.0, 5357.0 (number of hits: 2)
25	5500.0	9	1.0	333	1	5578.0, 5443.0, 5313.0, 5258.0, 5338.0, 5652.0, 5558.0, 5544.0, 5460.0, 5517.0, 5700.0, 5298.0, 5368.0, 5397.0, 5381.0, 5263.0, 5453.0, 5303.0, 5675.0, 5418.0, 5536.0, 5486.0, 5722.0, 5651.0, 5564.0, 5607.0, 5277.0, 5344.0, 5438.0, 5677.0, 5705.0, 5491.0, 5555.0, 5508.0, 5425.0, 5340.0, 5378.0, 5385.0, 5470.0, 5661.0, 5457.0, 5426.0, 5489.0, 5615.0, 5363.0, 5440.0, 5711.0, 5374.0, 5455.0, 5604.0, 5429.0, 5657.0, 5556.0, 5268.0, 5359.0, 5492.0, 5537.0, 5423.0, 5458.0, 5343.0, 5485.0, 5307.0, 5694.0, 5333.0, 5519.0, 5474.0, 5260.0, 5712.0, 5413.0, 5553.0, 5389.0, 5434.0, 5692.0, 5490.0, 5462.0, 5280.0, 5365.0, 5323.0, 5312.0, 5334.0, 5561.0, 5597.0, 5337.0, 5390.0, 5469.0, 5299.0, 5262.0, 5589.0, 5632.0, 5633.0, 5276.0, 5669.0, 5592.0, 5574.0, 5317.0, 5681.0, 5373.0, 5527.0,

						5304.0, 5582.0 (number of hits: 3 )
26	5500.0	9	1.0	333	1	5465.0, 5684.0, 5627.0, 5450.0, 5252.0, 5447.0, 5537.0, 5628.0, 5630.0, 5407.0, 5469.0, 5391.0, 5556.0, 5583.0, 5356.0, 5271.0, 5682.0, 5505.0, 5634.0, 5344.0, 5402.0, 5639.0, 5432.0, 5372.0, 5510.0, 5714.0, 5413.0, 5586.0, 5351.0, 5438.0, 5598.0, 5363.0, 5523.0, 5568.0, 5579.0, 5673.0, 5644.0, 5631.0, 5655.0, 5269.0, 5377.0, 5373.0, 5658.0, 5272.0, 5464.0, 5688.0, 5423.0, 5478.0, 5692.0, 5390.0, 5571.0, 5301.0, 5412.0, 5595.0, 5597.0, 5259.0, 5657.0, 5348.0, 5385.0, 5499.0, 5718.0, 5357.0, 5475.0, 5294.0, 5526.0, 5511.0, 5316.0, 5678.0, 5551.0, 5574.0, 5290.0, 5354.0, 5323.0, 5284.0, 5706.0, 5350.0, 5619.0, 5267.0, 5616.0, 5337.0, 5449.0, 5307.0, 5405.0, 5388.0, 5347.0, 5545.0, 5355.0, 5318.0, 5304.0, 5690.0, 5467.0, 5275.0, 5649.0, 5676.0, 5670.0, 5346.0, 5577.0, 5268.0, 5608.0, 5539.0 (number of hits: 2 )
27	5500.0	9	1.0	333	1	5405.0, 5541.0, 5256.0, 5530.0, 5540.0, 5404.0, 5710.0, 5629.0, 5416.0, 5555.0, 5374.0, 5492.0, 5403.0, 5344.0, 5602.0, 5491.0, 5434.0, 5453.0, 5462.0, 5628.0, 5280.0, 5378.0, 5693.0, 5587.0, 5494.0, 5299.0, 5635.0, 5377.0, 5627.0, 5648.0, 5618.0, 5451.0, 5575.0, 5604.0, 5469.0, 5338.0, 5297.0, 5643.0, 5551.0, 5570.0, 5712.0, 5342.0, 5722.0, 5271.0, 5265.0, 5683.0, 5326.0, 5417.0, 5562.0, 5663.0, 5483.0, 5505.0, 5649.0, 5254.0, 5716.0, 5601.0, 5673.0, 5519.0, 5296.0, 5685.0, 5392.0, 5719.0, 5320.0, 5718.0, 5319.0, 5581.0, 5669.0, 5637.0, 5291.0, 5571.0, 5621.0, 5558.0, 5537.0, 5394.0, 5506.0, 5427.0, 5449.0, 5542.0, 5355.0, 5281.0, 5508.0, 5709.0, 5606.0, 5282.0, 5576.0, 5608.0, 5688.0, 5533.0, 5447.0, 5306.0, 5524.0, 5525.0, 5264.0, 5285.0, 5653.0, 5358.0, 5440.0, 5690.0, 5681.0, 5487.0 (number of hits: 6 )
28	5500.0	9	1.0	333	1	5612.0, 5315.0, 5325.0, 5287.0, 5409.0, 5507.0, 5656.0, 5477.0, 5280.0, 5707.0, 5324.0, 5603.0, 5270.0, 5697.0, 5469.0, 5561.0, 5712.0, 5483.0, 5379.0, 5587.0, 5347.0, 5504.0, 5711.0, 5672.0, 5563.0, 5591.0, 5536.0, 5267.0, 5578.0, 5647.0, 5528.0, 5723.0, 5418.0, 5509.0, 5580.0, 5583.0, 5630.0, 5569.0, 5560.0, 5298.0, 5481.0, 5535.0, 5288.0, 5464.0, 5616.0, 5256.0, 5506.0, 5584.0, 5320.0, 5439.0, 5527.0, 5505.0, 5373.0, 5522.0, 5652.0, 5406.0, 5318.0, 5512.0, 5573.0, 5620.0, 5597.0, 5524.0, 5572.0, 5600.0, 5705.0, 5339.0, 5576.0, 5250.0, 5461.0, 5521.0, 5668.0, 5333.0, 5552.0, 5631.0, 5653.0, 5332.0, 5590.0, 5694.0, 5429.0, 5547.0, 5264.0, 5551.0, 5638.0, 5302.0, 5574.0, 5395.0, 5404.0, 5314.0, 5359.0, 5337.0, 5634.0, 5330.0, 5689.0, 5487.0, 5708.0, 5559.0, 5494.0, 5458.0, 5619.0, 5261.0 (number of hits: 5 )
29	5500.0	9	1.0	333	1	5314.0, 5378.0, 5503.0, 5350.0, 5458.0, 5464.0, 5584.0, 5305.0, 5331.0, 5712.0, 5365.0, 5614.0, 5541.0, 5257.0, 5506.0, 5343.0, 5406.0, 5558.0, 5653.0, 5444.0, 5340.0, 5565.0, 5456.0, 5543.0, 5422.0, 5330.0, 5595.0, 5491.0, 5338.0, 5497.0, 5562.0, 5702.0, 5588.0, 5313.0, 5615.0, 5362.0, 5522.0, 5280.0, 5376.0, 5299.0, 5559.0, 5719.0, 5403.0, 5251.0, 5414.0, 5564.0, 5650.0, 5678.0, 5440.0, 5607.0, 5696.0, 5495.0, 5547.0, 5283.0, 5524.0, 5686.0, 5578.0, 5637.0, 5676.0, 5511.0, 5557.0, 5336.0, 5500.0, 5530.0, 5723.0, 5276.0, 5264.0, 5437.0, 5662.0, 5640.0, 5709.0, 5724.0, 5328.0, 5599.0, 5253.0, 5360.0, 5529.0, 5396.0, 5358.0, 5657.0, 5325.0, 5382.0, 5432.0, 5661.0, 5663.0, 5392.0, 5680.0, 5266.0, 5591.0, 5505.0, 5277.0, 5708.0, 5534.0, 5335.0, 5255.0, 5693.0, 5673.0, 5282.0, 5273.0, 5442.0 (number of hits: 7 )

30	5500.0	9	1.0	333	1	5709.0, 5318.0, 5348.0, 5524.0, 5600.0, 5305.0, 5456.0, 5371.0, 5267.0, 5308.0, 5381.0, 5588.0, 5715.0, 5403.0, 5457.0, 5586.0, 5492.0, 5599.0, 5684.0, 5365.0, 5390.0, 5629.0, 5469.0, 5482.0, 5633.0, 5622.0, 5668.0, 5563.0, 5704.0, 5375.0, 5550.0, 5611.0, 5660.0, 5618.0, 5680.0, 5624.0, 5718.0, 5433.0, 5495.0, 5321.0, 5532.0, 5640.0, 5670.0, 5409.0, 5336.0, 5295.0, 5474.0, 5280.0, 5326.0, 5590.0, 5446.0, 5521.0, 5587.0, 5655.0, 5695.0, 5470.0, 5554.0, 5675.0, 5488.0, 5439.0, 5278.0, 5582.0, 5646.0, 5714.0, 5696.0, 5723.0, 5676.0, 5569.0, 5329.0, 5576.0, 5528.0, 5429.0, 5673.0, 5568.0, 5370.0, 5692.0, 5410.0, 5419.0, 5681.0, 5427.0, 5672.0, 5286.0, 5565.0, 5504.0, 5455.0, 5584.0, 5250.0, 5373.0, 5561.0, 5516.0, 5328.0, 5658.0, 5537.0, 5454.0, 5378.0, 5276.0, 5491.0, 5451.0, 5523.0, 5527.0 (number of hits: 4)
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**P2MP Mode  
Pine Radio****5510 MHz, 40 MHz Bandwidth**

<b>Radar Signal Type</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A/1B</b>	30	96.7 %	60%	Pass
<b>Type 2</b>	30	90 %	60%	Pass
<b>Type 3</b>	30	83.3 %	60%	Pass
<b>Type 4</b>	30	76.7 %	60%	Pass
<b>Aggregate (Type1 to 4)</b>	120	86.7 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

**Table-1A/1B Radar Type 1A/1B Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	76	1.0	698	1
2	63	1.0	838	1
3	95	1.0	558	1
4	92	1.0	578	1
5	68	1.0	778	1
6	58	1.0	918	1
7	86	1.0	618	1
8	65	1.0	818	1
9	59	1.0	898	1
10	61	1.0	878	1
11	72	1.0	738	1
12	62	1.0	858	1
13	83	1.0	638	1
14	99	1.0	538	1
15	57	1.0	938	1
1	21	1.0	2597	1
2	27	1.0	2026	1
3	30	1.0	1766	1
4	19	1.0	2918	1
5	24	1.0	2260	1
6	49	1.0	1088	1
7	35	1.0	1542	1
8	44	1.0	1201	1
9	23	1.0	2342	1
10	45	1.0	1189	1
11	59	1.0	899	0
12	23	1.0	2317	1
13	43	1.0	1241	1
14	25	1.0	2192	1
15	28	1.0	1897	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>				



**Table-2 Radar Type 2 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (<math>\mu</math>S)</b>	<b>PRI (<math>\mu</math>s)</b>	<b>Detection (1:yes; 0:no)</b>
1	24	3.8	151	1
2	27	4.3	181	1
3	26	3.1	200	1
4	25	1.1	169	1
5	28	4.2	161	1
6	27	1.8	211	1
7	27	2.8	163	1
8	27	1.9	210	1
9	29	2.8	230	1
10	24	4.1	202	1
11	28	1.2	174	1
12	25	3.3	188	1
13	24	4.5	197	1
14	23	2.0	182	0
15	28	2.6	224	1
16	27	2.6	173	1
17	29	3.0	195	1
18	28	1.9	205	1
19	25	3.8	214	1
20	29	2.2	228	1
21	25	4.0	206	1
22	23	1.4	191	1
23	24	1.4	150	1
24	26	4.1	214	1
25	29	3.9	189	1
26	26	4.0	158	1
27	26	1.7	206	1
28	29	2.1	180	0
29	27	2.1	167	0
30	25	3.5	225	1
<b>Detection Percentage: 90 % (&gt;60%)</b>				

**Table-3 Radar Type 3 Statistical Performance**

Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.

Trial #	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	17	7.5	307	1
2	16	7.9	388	1
3	16	6.5	231	1
4	17	6.0	275	1
5	17	6.7	212	1
6	16	8.6	475	1
7	16	6.9	490	1
8	16	9.5	324	1
9	16	7.7	239	0
10	18	6.2	218	1
11	17	8.1	408	1
12	16	7.9	270	1
13	16	6.3	498	0
14	18	6.5	434	0
15	18	7.1	485	1
16	17	6.6	245	1
17	16	7.8	485	1
18	18	6.6	228	1
19	17	6.2	444	0
20	17	8.5	443	1
21	17	7.1	295	1
22	17	9.9	318	1
23	16	9.8	436	1
24	18	8.5	417	1
25	16	6.0	371	1
26	16	7.7	278	1
27	16	8.5	427	1
28	17	9.1	388	0
29	18	6.1	456	1
30	18	9.3	491	1
<b>Detection Percentage: 83.3 % (&gt;60%)</b>				

**Table-4 Radar Type 4 Statistical Performance**

*Note: Radar was generated randomly in the frequency range of 5490-5530 MHz.*

<b>Trial #</b>	<b>Pulse/Burst</b>	<b>Pulse Width (µS)</b>	<b>PRI (µs)</b>	<b>Detection (1:yes; 0:no)</b>
1	12	11.6	206	1
2	16	11.7	429	1
3	15	19.9	361	1
4	16	17.8	345	0
5	15	11.6	249	1
6	14	19.5	256	1
7	14	17.0	452	1
8	15	17.1	223	1
9	14	12.3	412	1
10	12	13.8	296	1
11	13	19.9	452	1
12	12	17.2	455	1
13	12	19.1	389	0
14	14	19.1	410	1
15	13	11.8	372	1
16	15	19.6	260	1
17	14	12.0	225	0
18	12	12.8	249	1
19	14	12.8	494	0
20	16	11.8	421	1
21	12	15.4	235	1
22	13	17.9	394	1
23	14	11.4	209	1
24	12	15.4	329	1
25	12	14.8	242	0
26	16	12.0	426	1
27	13	17.5	403	1
28	16	16.6	406	1
29	13	17.6	229	0
30	13	15.2	352	0
<b>Detection Percentage: 76.7 % (&gt;60%)</b>				

**Table-5 Radar Type 5 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Detection (1:yes; 0:no)</b>
1	5510	1
2	5510	1
3	5510	1
4	5510	1
5	5510	1
6	5510	1
7	5510	1
8	5510	1
9	5510	1
10	5510	1
11	5496.0	1
12	5494.0	1
13	5498.8	1
14	5497.2	1
15	5494.8	1
16	5496.8	1
17	5494.8	1
18	5496.8	1
19	5498.8	1
20	5494.4	1
21	5524.4	1
22	5524.0	1
23	5524.0	1
24	5522.0	1
25	5522.4	1
26	5522.8	1
27	5525.2	1
28	5526.0	1
29	5520.8	1
30	5520.4	1
<b>Detection Percentage: 100 % (&gt;80%)</b>		

## Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	55.1	1590		1.068405	1
1	2	7	52.0	1452		1.939899	
2	3	7	75.3	1605	1374	3.550143	
3	1	7	54.4			4.909303	
4	2	7	89.5	1175		5.797904	
5	2	7	99.2	1769		7.197779	
6	1	7	95.2			8.528767	
7	2	7	63.9	1470		10.127266	
8	2	7	59.0	1059		11.197379	

## Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	87.0	1115	1112	0.052481	1
1	2	9	86.6	1409		1.407612	
2	2	9	53.9	1944		3.390554	
3	1	9	70.9			4.715565	
4	2	9	74.1	1387		5.301545	
5	3	9	67.7	1712	1788	6.902767	
6	1	9	98.2			7.826338	
7	1	9	58.1			8.432529	
8	1	9	80.3			10.718138	
9	1	9	90.0			11.096457	

## Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	93.1	1408	1563	0.131793	1
1	2	6	66.1	1167		1.621037	
2	3	6	64.5	1625	1341	2.558113	
3	2	6	72.9	1798		3.401243	
4	2	6	87.9	1065		4.130362	
5	2	6	90.1	1574		4.429783	
6	2	6	58.3	1986		5.255379	
7	2	6	80.2	1109		6.032253	
8	2	6	75.0	1572		6.896282	
9	3	6	92.4	1034	1138	8.014918	
10	3	6	83.6	1681	1943	8.916314	
11	1	6	91.0			10.274629	

## Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	63.1			0.083513	1
1	2	6	94.7	1998		1.599517	
2	3	6	71.9	1171	1385	1.851030	
3	3	6	73.4	1038	1969	3.086611	
4	2	6	50.1	1764		4.164738	
5	3	6	80.3	1046	1337	5.343792	
6	1	6	50.3			5.749628	
7	2	6	62.4	1084		7.327840	
8	3	6	76.4	1254	1561	8.265794	
9	3	6	65.6	1961	1520	8.632919	
10	2	6	53.2	1528		9.295363	
11	2	6	96.0	1020		10.168049	
12	2	6	96.8	1687		11.621579	

## Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	54.1			0.124083	1
1	2	12	90.9	1602		1.111748	
2	2	12	90.9	1608		1.761543	
3	1	12	79.7			2.579998	
4	3	12	59.9	1823	1481	3.031636	
5	1	12	83.1			3.851249	
6	2	12	87.4	1822		4.556721	
7	2	12	88.0	1995		4.975366	
8	2	12	87.4	1040		5.415249	
9	3	12	86.8	1966	1082	6.419874	
10	2	12	94.8	1307		6.711033	
11	3	12	89.6	1832	1483	7.679199	
12	3	12	82.4	1092	1463	8.561334	
13	3	12	68.6	1705	1342	9.161826	
14	3	12	79.6	1696	1135	9.500060	
15	2	12	87.4	1965		10.458104	
16	1	12	97.5			11.013647	
17	3	12	52.8	1908	1064	11.413521	

## Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	77.1	1894		0.450082	1
1	3	12	68.2	1568	1015	1.031091	
2	2	12	95.3	1553		2.112137	
3	1	12	62.3			2.848063	
4	2	12	78.5	1154		3.589957	
5	2	12	83.2	1931		4.752485	
6	2	12	85.3	1193		4.820807	
7	3	12	67.6	1965	1751	5.993860	
8	2	12	83.8	1005		6.923830	
9	2	12	54.7	1712		7.841188	
10	1	12	56.7			8.013541	
11	2	12	96.7	1178		8.962075	
12	3	12	85.6	1195	1312	9.917640	
13	2	12	90.5	1396		10.629137	
14	1	12	60.5			11.898202	

## Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	79.1	1472		0.102597	1
1	2	11	88.6	1688		0.774563	
2	1	11	73.6			1.669848	
3	2	11	87.1	1743		2.412306	
4	2	11	95.2	1841		2.914884	
5	3	11	87.0	1096	1703	3.431366	
6	2	11	84.3	1136		4.544023	
7	2	11	93.0	1706		4.843936	
8	3	11	76.2	1948	1286	5.940071	
9	2	11	52.4	1446		6.376788	
10	1	11	51.1			6.834611	
11	2	11	88.5	1662		7.706859	
12	2	11	72.0	1845		8.062913	
13	1	11	94.8			8.962420	
14	1	11	61.3			9.929150	
15	3	11	79.4	1223	1391	10.259234	
16	3	11	50.5	1113	1486	11.254763	

## Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	53.7	1842	1262	0.617751	1
1	1	10	75.6			1.791703	
2	1	10	99.6			2.837676	
3	3	10	68.4	1978	1244	3.680642	
4	2	10	87.2	1948		4.870896	
5	2	10	92.3	1221		6.111260	
6	2	10	79.6	1846		7.054043	
7	2	10	86.9	1373		7.912914	
8	2	10	99.6	1259		8.730897	
9	3	10	99.9	1446	1275	10.610913	
10	2	10	53.4	1167		11.337766	



## Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	52.1			0.043414	1
1	2	10	60.3	1657		0.818572	
2	2	10	79.7	1572		1.464983	
3	3	10	52.7	1992	1780	2.341994	
4	3	10	70.5	1630	1451	3.133548	
5	2	10	92.2	1126		3.496227	
6	3	10	92.2	1707	1938	3.887740	
7	3	10	79.0	1307	1858	4.609218	
8	2	10	70.8	1689		5.640689	
9	2	10	53.6	1014		5.940302	
10	2	10	79.9	1771		6.729034	
11	2	10	85.2	1257		7.257933	
12	3	10	68.6	1181	1267	7.709257	
13	3	10	56.8	1107	1772	8.707680	
14	2	10	59.1	1268		9.214719	
15	3	10	50.1	1115	1533	9.552008	
16	3	10	76.5	1221	1005	10.107403	
17	2	10	56.5	1169		11.133711	
18	1	10	96.5			11.950013	

## Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	81.3	1426	1594	0.900204	1
1	1	9	99.6			1.851105	
2	3	9	68.4	1907	1281	3.603495	
3	3	9	72.1	1470	1078	4.222503	
4	2	9	74.3	1113		5.387696	
5	1	9	78.0			6.978326	
6	3	9	76.9	1086	1470	8.452529	
7	3	9	67.1	1593	1896	9.557664	
8	2	9	77.2	1898		10.880768	

## Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	80.0	1845	1619	0.629560	1
1	3	10	85.6	1333	1348	1.126125	
2	2	10	81.6	1980		2.344110	
3	2	10	83.7	1313		2.908970	
4	1	10	75.1			4.041258	
5	2	10	78.4	1653		5.118550	
6	3	10	83.8	1141	1479	5.348677	
7	1	10	55.0			6.459130	
8	2	10	95.2	1260		7.072786	
9	2	10	77.3	1407		7.809457	
10	2	10	80.0	1825		8.786294	
11	2	10	61.2	1145		9.892714	
12	2	10	61.2	1556		10.296129	
13	3	10	73.5	1583	1238	11.347658	

## Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	62.7	1448	1677	0.264607	1
1	1	5	57.3			0.757129	
2	2	5	59.2	1842		1.305658	
3	3	5	95.5	1083	1330	2.035600	
4	3	5	91.1	1614	1602	2.969816	
5	3	5	90.4	1137	1245	3.132707	
6	2	5	52.3	1318		3.602537	
7	1	5	92.7			4.622413	
8	2	5	74.1	1860		5.225082	
9	2	5	90.9	1548		5.414845	
10	2	5	71.4	1098		6.193504	
11	2	5	78.9	1896		6.893694	
12	3	5	79.3	1168	1741	7.399529	
13	2	5	56.8	1573		7.878509	
14	1	5	56.1			8.541526	
15	2	5	73.2	1393		9.476518	
16	2	5	78.9	1007		9.611381	
17	3	5	97.7	1859	1710	10.415964	
18	2	5	99.0	1402		11.314977	
19	2	5	95.1	1192		11.849423	

## Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	94.6	1987		0.205251	1
1	1	17	77.7			2.153004	
2	1	17	83.5			2.895020	
3	1	17	96.4			4.164775	
4	1	17	97.6			4.838173	
5	3	17	75.1	1750	1403	6.543625	
6	3	17	98.1	1303	1099	8.109195	
7	1	17	60.9			9.416743	
8	2	17	82.2	1862		10.747985	
9	3	17	51.5	1064	1912	10.903372	

## Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	87.3			0.204035	1
1	1	13	63.8			0.953567	
2	2	13	55.0	1530		1.862261	
3	1	13	85.7			2.193315	
4	3	13	80.9	1589	1890	2.923355	
5	2	13	88.0	1712		3.349656	
6	3	13	89.0	1788	1945	4.072281	
7	2	13	60.6	1132		4.587869	
8	3	13	85.6	1717	1713	5.311678	
9	2	13	74.8	1246		6.070960	
10	2	13	91.0	1125		6.913343	
11	2	13	77.0	1007		7.116621	
12	2	13	79.9	1631		7.604651	
13	1	13	64.3			8.479097	
14	2	13	65.3	1215		9.360931	
15	1	13	53.9			9.601675	
16	2	13	83.7	1457		10.360077	
17	2	13	63.4	1995		11.148703	
18	2	13	74.5	1865		11.946240	

## Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	86.2	1308	1657	0.428463	1
1	2	7	78.2	1974		1.428659	
2	2	7	62.5	1054		2.351334	
3	3	7	51.2	1369	1836	3.263065	
4	2	7	98.4	1108		4.880948	
5	2	7	50.1	1168		5.194087	
6	1	7	86.2			6.406522	
7	2	7	65.0	1258		7.737572	
8	3	7	78.9	1881	1914	8.733355	
9	1	7	88.8			9.334464	
10	3	7	65.7	1988	1798	10.031608	
11	2	7	85.1	1602		11.196222	

## Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	86.3			0.618270	1
1	2	12	69.7	1610		1.644289	
2	2	12	69.9	1698		2.505050	
3	1	12	94.4			2.591466	
4	1	12	92.3			3.858183	
5	2	12	56.2	1971		4.833864	
6	3	12	69.5	1476	1681	5.584284	
7	3	12	67.9	1310	1475	6.435629	
8	3	12	59.9	1771	1651	7.236597	
9	2	12	70.9	1040		8.452124	
10	1	12	91.8			8.883970	
11	2	12	56.9	1981		9.733372	
12	2	12	69.1	1591		10.997079	
13	2	12	50.1	1990		11.311999	

## Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	99.3	1760		0.295868	1
1	2	7	69.4	1518		0.953333	
2	2	7	63.4	1796		1.281323	
3	2	7	91.1	1205		2.370660	
4	2	7	57.9	1863		2.967920	
5	2	7	93.6	1957		3.497070	
6	2	7	75.0	1397		3.982314	
7	2	7	88.1	1410		5.010822	
8	2	7	94.9	1645		5.238055	
9	3	7	98.6	1553	1223	5.926571	
10	2	7	55.4	1460		6.740794	
11	2	7	72.3	1388		7.355389	
12	2	7	94.2	1689		7.622029	
13	3	7	57.0	1969	1709	8.221825	
14	2	7	93.1	1345		9.014727	
15	2	7	73.0	1336		9.883883	
16	3	7	83.7	1311	1086	10.407613	
17	1	7	55.7			10.909153	
18	2	7	85.2	1349		11.879505	

## Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	53.3	1786	1146	0.855022	1
1	1	12	62.1			1.830516	
2	2	12	51.8	1511		2.654731	
3	2	12	91.8	1651		3.943073	
4	2	12	97.9	1697		4.837058	
5	2	12	55.4	1391		5.206389	
6	3	12	51.0	1751	1225	6.128254	
7	2	12	82.9	1936		7.482311	
8	3	12	90.2	1303	1717	8.182953	
9	1	12	53.7			9.648560	
10	2	12	74.2	1861		10.321052	
11	1	12	67.9			11.758348	

## Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	82.6			0.600238	1
1	2	17	50.5	1431		1.223300	
2	2	17	71.9	1449		1.608005	
3	2	17	87.4	1351		2.681668	
4	2	17	51.4	1778		3.207004	
5	2	17	84.0	1940		3.784042	
6	1	17	79.1			4.909144	
7	3	17	50.9	1013	1952	5.063086	
8	2	17	53.4	1551		5.681198	
9	3	17	78.2	1647	1938	6.669619	
10	1	17	77.1			7.268370	
11	1	17	55.0			7.993768	
12	1	17	51.9			9.001115	
13	3	17	71.6	1242	1320	9.634329	
14	3	17	54.1	1488	1545	10.182061	
15	2	17	88.2	1202		11.020444	
16	1	17	85.9			11.764686	

## Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	86.4	1486		0.908796	1
1	2	6	98.5	1079		2.238806	
2	1	6	87.2			3.571953	
3	3	6	58.1	1788	1749	5.186616	
4	3	6	99.4	1977	1137	6.601420	
5	3	6	65.9	1734	1784	7.743134	
6	1	6	60.4			8.823588	
7	1	6	62.8			9.425058	
8	1	6	71.7			11.517260	

## Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	74.1	1583		0.903738	1
1	2	9	67.0	1456		1.831510	
2	1	9	51.5			2.425895	
3	2	9	69.2	1589		3.520479	
4	2	9	87.8	1336		4.391065	
5	2	9	62.2	1591		6.478916	
6	3	9	61.5	1748	1088	7.011713	
7	1	9	79.1			8.338348	
8	3	9	59.8	1183	1496	8.780838	
9	1	9	72.4			10.063414	
10	2	9	97.9	1316		11.747763	

## Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	89.5			0.565752	1
1	2	10	60.6	1800		0.877700	
2	3	10	85.7	1466	1535	1.737823	
3	1	10	75.1			2.290421	
4	2	10	52.9	1754		3.089719	
5	2	10	62.2	1647		4.234480	
6	1	10	83.5			5.176195	
7	2	10	86.7	1073		5.469855	
8	2	10	92.9	1049		6.006331	
9	2	10	75.9	1912		7.340987	
10	3	10	70.4	1185	1404	8.129595	
11	2	10	90.6	1110		8.308093	
12	2	10	82.9	1679		9.344441	
13	3	10	80.8	1048	1106	10.403765	
14	3	10	82.2	1007	1170	10.957571	
15	1	10	76.4			11.316171	

## Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	54.4	1792		0.573695	1
1	1	10	55.9			1.072429	
2	2	10	98.0	1439		1.953185	
3	2	10	98.6	1509		3.393023	
4	2	10	84.0	1362		4.150941	
5	2	10	63.2	1304		5.507046	
6	3	10	98.5	1362	1104	5.802721	
7	3	10	60.7	1536	1761	6.491524	
8	2	10	52.0	1464		7.587170	
9	2	10	63.9	1096		8.408131	
10	2	10	61.4	1257		9.887687	
11	1	10	92.2			10.408027	
12	3	10	50.3	1369	1970	11.228015	

## Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	76.5	1657		0.370109	1
1	2	15	80.8	1949		1.298578	
2	2	15	66.5	1107		3.086612	
3	2	15	59.6	1960		4.086869	
4	3	15	65.1	1443	1286	5.093344	
5	1	15	68.9			6.073679	
6	3	15	75.2	1006	1865	7.268742	
7	1	15	74.9			8.418217	
8	3	15	98.1	1935	1122	9.900164	
9	1	15	81.5			10.916845	



## Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	59.8	1790		0.016043	1
1	3	14	84.5	1422	1163	0.848291	
2	3	14	59.0	1653	1320	1.539142	
3	2	14	91.3	1766		2.341235	
4	3	14	80.1	1490	1149	2.881547	
5	2	14	92.2	1196		3.772878	
6	2	14	67.8	1837		4.255323	
7	2	14	84.1	1743		4.637580	
8	3	14	80.0	1465	1170	5.113041	
9	2	14	93.1	1652		5.769248	
10	1	14	69.5			6.904414	
11	3	14	74.4	1596	1121	7.203717	
12	3	14	70.6	1260	1695	7.954277	
13	2	14	70.5	1826		8.599017	
14	1	14	61.0			9.445375	
15	2	14	60.2	1828		9.725565	
16	2	14	60.5	1892		10.601546	
17	2	14	83.7	1344		11.082460	
18	2	14	81.1	1930		11.873733	

## Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	54.6	1960		0.078056	1
1	2	13	83.4	1983		0.896074	
2	2	13	68.1	1244		2.301751	
3	2	13	70.1	1221		3.174473	
4	3	13	77.6	1819	1025	3.526255	
5	2	13	80.7	1803		4.682675	
6	1	13	85.5			5.152714	
7	2	13	68.5	1994		5.615614	
8	1	13	66.2			6.973012	
9	1	13	80.3			7.251053	
10	3	13	54.5	1645	1692	8.683947	
11	3	13	86.2	1554	1003	9.108736	
12	2	13	78.5	1241		9.928690	
13	2	13	74.8	1254		10.543882	
14	3	13	74.0	1387	1857	11.494629	

## Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	96.8	1544		0.029473	1
1	2	7	99.4	1663		1.093587	
2	2	7	78.8	1039		2.897801	
3	3	7	92.7	1083	1022	3.709881	
4	1	7	71.0			4.815144	
5	1	7	96.1			5.401104	
6	1	7	63.5			6.765979	
7	3	7	75.6	1902	1529	7.401754	
8	2	7	67.6	1091		8.014188	
9	3	7	91.1	1359	1980	9.740148	
10	2	7	54.9	1747		10.835992	
11	2	7	63.4	1055		11.956384	

## Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	67.3	1465		0.585099	1
1	3	5	80.2	1679	1615	0.732453	
2	3	5	83.1	1866	1505	1.823821	
3	2	5	92.2	1816		1.969236	
4	2	5	64.5	1112		2.786439	
5	3	5	56.4	1515	1430	3.373314	
6	2	5	92.3	1783		4.047869	
7	2	5	70.4	1394		4.617480	
8	3	5	73.4	1685	1052	5.246863	
9	2	5	85.1	1790		5.850845	
10	1	5	66.8			6.354869	
11	2	5	59.1	1384		7.375750	
12	2	5	61.6	1913		7.657848	
13	2	5	52.4	1653		8.394186	
14	2	5	80.4	1260		9.282195	
15	1	5	54.4			9.848646	
16	2	5	77.1	1191		10.556298	
17	3	5	54.6	1077	1860	11.245666	
18	1	5	83.0			11.883744	

## Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (µS)	Pulse 2-3 spacing (µS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	57.1	1761		1.161898	1
1	2	18	92.5	1367		2.244494	
2	2	18	65.2	1421		2.886175	
3	1	18	80.4			4.377118	
4	3	18	52.9	1149	1869	6.358242	
5	3	18	70.3	1841	1449	7.976223	
6	2	18	51.9	1166		8.675120	
7	3	18	83.4	1122	1881	10.589695	
8	2	18	75.4	1616		11.358719	