6 Channel Availability Check Time (CAC)

6.1 Test Procedure

1) Measure the initial power-up time of EUT.

2) With link established on channel, apply a radar signal within 0~6 seconds after the initial power-up period; monitor the transmissions on channel from the spectrum analyzer.

3) Reboot EUT, with a link established on channel, apply a radar signal within 54~60 seconds after the initial power-up period, and monitor the transmission on channel from the spectrum analyzer.

EUT Initial power-up Cycle Time

Note: EUT initial Power-up cycle is vary, this testing was performed with software monitor function that shows the start time of CAC, once the monitor shows the CAC start time, we used the stop watch to keep the accuracy of the testing.

CAC Total Time: 61 Seconds

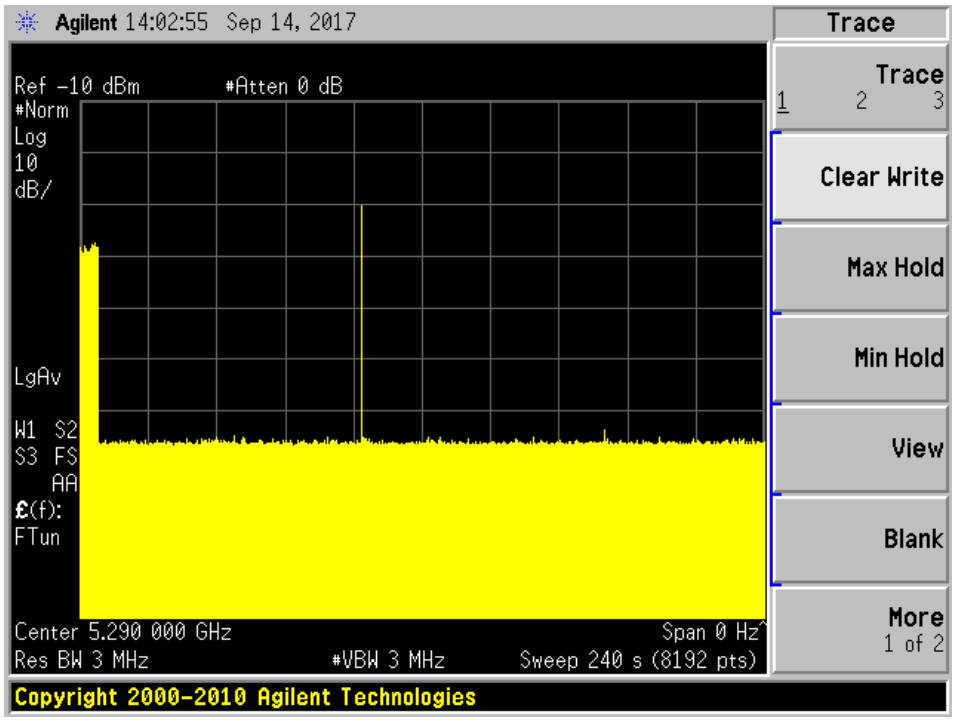
Results:

Timing of Radar Burst	Spectrum Analyzer Display	Result
No Radar Triggered	Transmission begin after power-up cycle +61 seconds CAC	Pass
Within 6 seconds of the CAC starting	No transmission	Pass
Within the last 6 seconds of the CAC	No transmission	Pass

Note: The CAC test is with the Radar type 0.

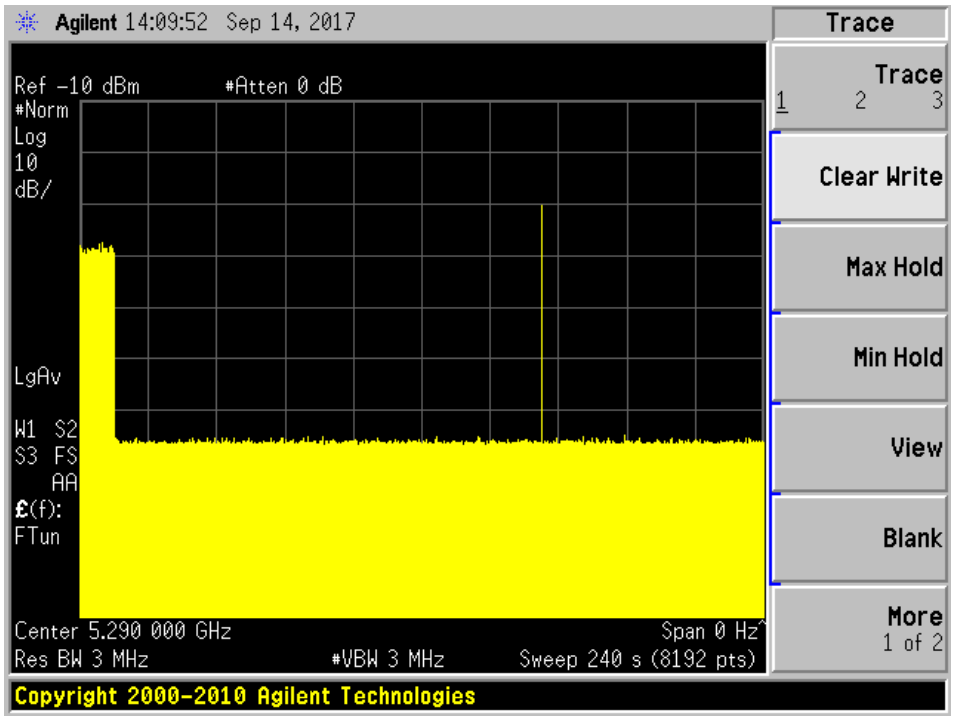
5290 MHz

Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

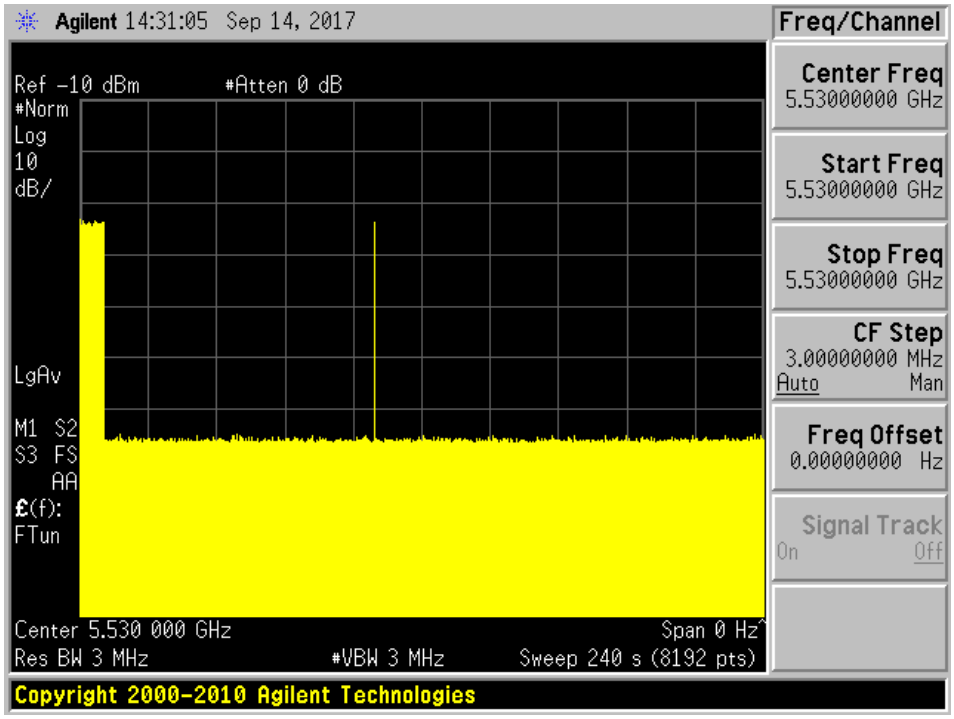
Plot of Radar signal applied at the end of 6 seconds of CAC



No transmissions found after radar signal applied.

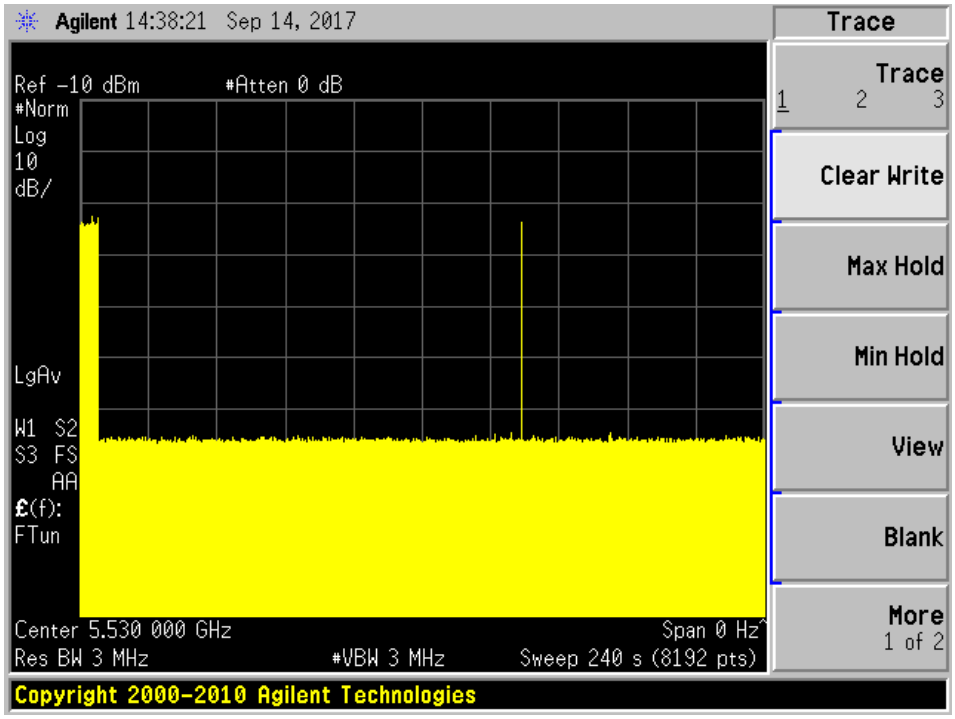
5530 MHz

Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

Plot of Radar signal applied at the end of 6 seconds of CAC



No transmissions found after radar signal applied.

7 Channel Move Time and Channel Closing Transmission Time

7.1 Test Procedure

BACL use type 0 radar signal to test the channel move time and channel closing transmission time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time = N * Dwell Time

N is the number of spectrum analyzer bins showing a device transmission
Dwell Time is the dwell time per bin (i.e. Dwell Time = S/B, S is the sweep time and B is the number of bin, i.e. 8192)

7.2 Test Results

Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5290	80	Type 0	Compliant
5530	80	Type 0	Compliant

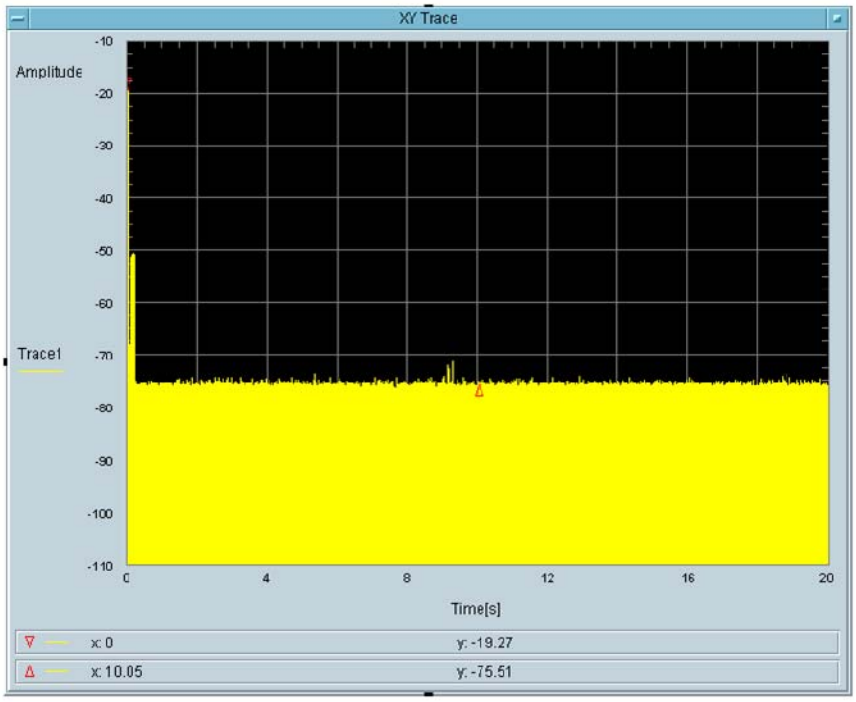
Please refer to the following tables and plots.

5290 MHz, Bandwidth 80 MHz

Type 0 radar channel move time and channel closing transmission time result:

Channel closing transmitting time (ms)	Limit (ms)	Result
100.1+2.441	200+60	Pass

Channel move time (s)	Limit (s)	Result
< 10	10	Pass

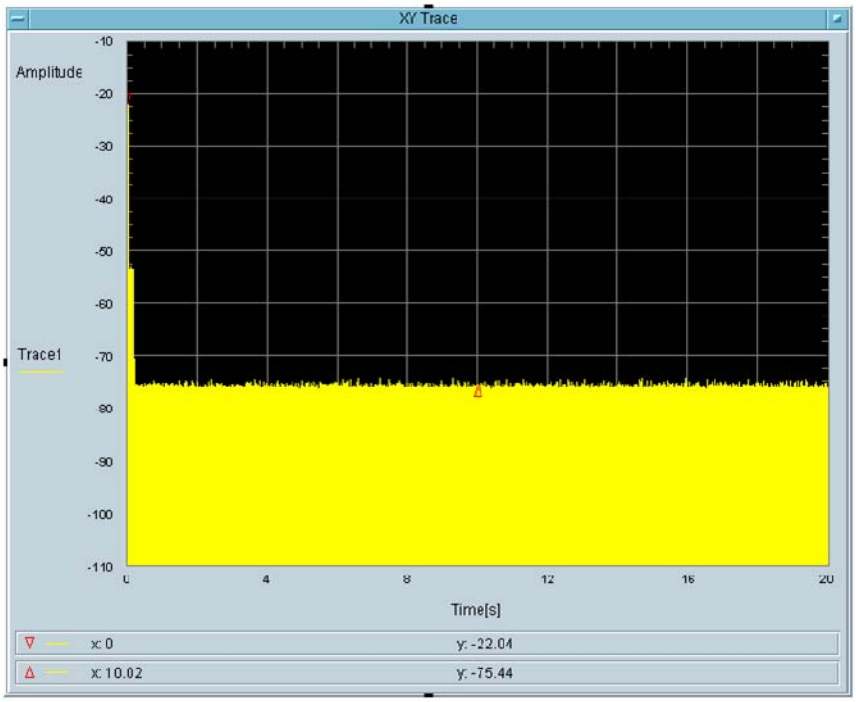


5530 MHz, Bandwidth 80 MHz

Type 0 radar channel move time and channel closing transmission time result:

Channel closing transmitting time (ms)	Limit (ms)	Result
24.41	200+60	Pass

Channel move time (s)	Limit (s)	Result
< 10	10	Pass



8 Non-Occupancy Period

8.1 Test Procedure

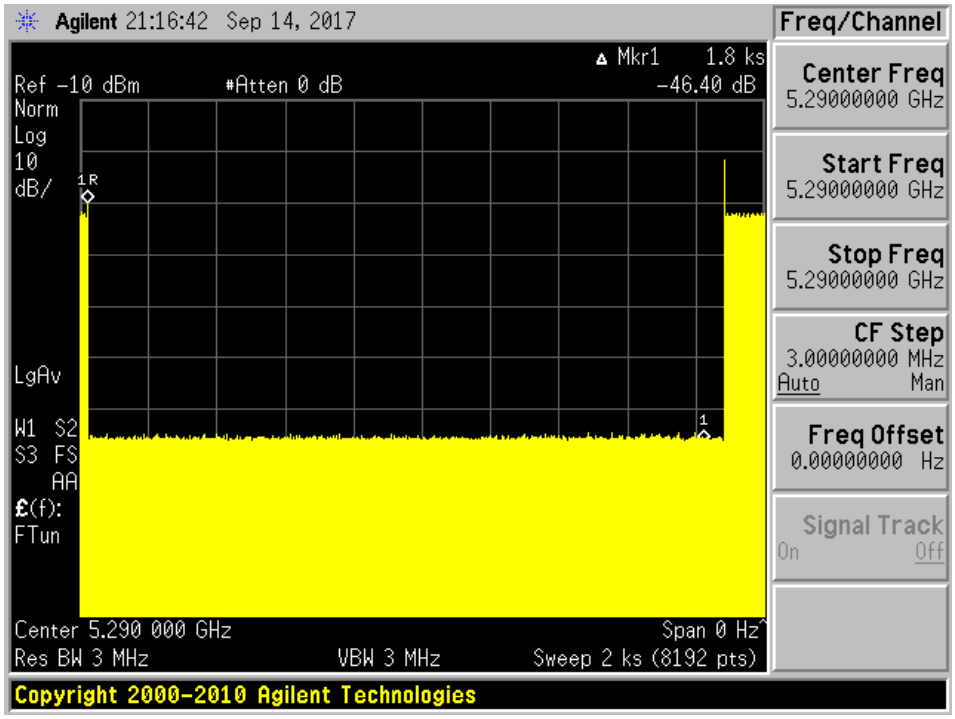
Measure the EUT for more than 30 minutes following the channel close/move time to very that the EUT does not resume any transmissions on this channel. Provide one plot to demonstrate no transmission on the channel for the non-occupancy period (30 minutes observation time)

8.2 Test Results

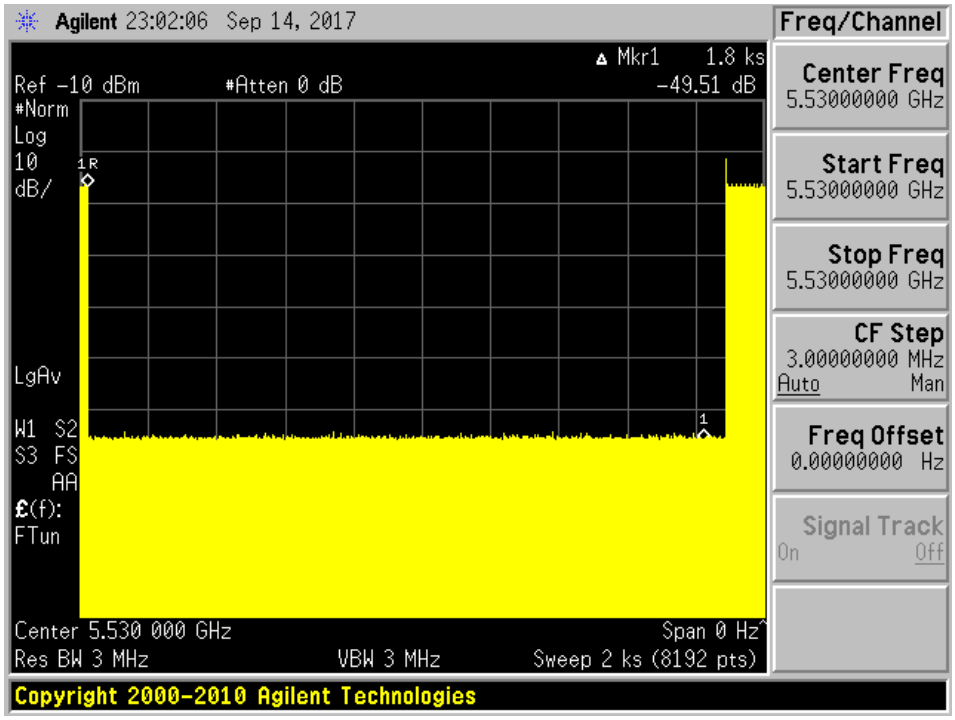
Frequency (MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5290	80	No transmission within 30 minutes
5530	80	No transmission within 30 minutes

Please refer to the following plots.

5290 MHz, Bandwidth 80 MHz



5530 MHz, Bandwidth 80 MHz



9 Radar Detection Bandwidth & Radar Detection Performance Check

9.1 Detection Bandwidth

Procedure:

Performed with any one of the short pulse radar waveforms type 0

Starting at the center frequency of the UUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.

Starting at the center frequency of the UUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.

The U-NII Detection Bandwidth is calculated as follows: U-NII Detection Bandwidth = FH – FL

Test Results

Frequency (MHz)	F_L (MHz)	F_H (MHz)	Detection Bandwidth (MHz)	Minimum Limit	Result
5260	5250	5270	20	100%	Compliance
5270	5250	5290	40	100%	Compliance
5290	5250	5330	80	100%	Compliance
5500	5490	5510	20	100%	Compliance
5510	5490	5530	40	100%	Compliance
5530	5490	5570	80	100%	Compliance

Please refer to the following tables.

Results of Detection Bandwidth:

EUT Frequency = 5260 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5271	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5270-5250=20 MHz											
EUT 99% OBW = 17 MHz; 17 x 100% = 17 MHz **Result:** Pass											

EUT Frequency = 5500 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510 (F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5511	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5510-5490=20 MHz											
EUT 99% OBW = 17 MHz; 17 x 100% = 17 MHz **Result:** Pass											

Results of Detection Bandwidth:

EUT Frequency = 5270 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5291	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5290-5250=40 MHz											
EUT 99% OBW = 37 MHz; 37 x 100% = 37 MHz **Result:** Pass											

EUT Frequency = 5510 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5531	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5530-5490=40 MHz											
EUT 99% OBW = 37 MHz; 37 x 100% = 37 MHz **Result:** Pass											

Results of Detection Bandwidth:

EUT Frequency = 5290 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5295	1	1	1	1	1	1	1	1	1	1	100 %
5300	1	1	1	1	1	1	1	1	1	1	100 %
5305	1	1	1	1	1	1	1	1	1	1	100 %
5310	1	1	1	1	1	1	1	1	1	1	100 %
5315	1	1	1	1	1	1	1	1	1	1	100 %
5320	1	1	1	1	1	1	1	1	1	1	100 %
5325	1	1	1	1	1	1	1	1	1	1	100 %
5330(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5331	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5330-5250=80 MHz											
EUT 99% OBW = 76 MHz; 76 x 100% = 76 MHz **Result:** Pass											

EUT Frequency = 5530 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5535	1	1	1	1	1	1	1	1	1	1	100 %
5540	1	1	1	1	1	1	1	1	1	1	100 %
5545	1	1	1	1	1	1	1	1	1	1	100 %
5550	1	1	1	1	1	1	1	1	1	1	100 %
5555	1	1	1	1	1	1	1	1	1	1	100 %
5560	1	1	1	1	1	1	1	1	1	1	100 %
5565	1	1	1	1	1	1	1	1	1	1	100 %
5570(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5571	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5570-5490=80 MHz											
EUT 99% OBW = 76 MHz; 76 x 100% = 76 MHz **Result:** Pass											

9.2 Radar Detection Performance Check

Procedure:

Stream MPEG file from master to slave
Generate radar waveform
Record whether or not the waveform was detected
At least 30 trials are applied for each radar type
For radar types with randomized parameters, each trial uses a unique waveform
Perform with each of the radar types 1-6

Confirm that the detection rate for each radar type meets the minimum requirement
Type 1A&1B, 2, 3, 4: 60% each
Type 5: 80%
Type 6: 70%
Confirm that the mean of the rates for radar types 1 through 4 meets the requirement of 80%

$$\text{Detection Ratio} = \frac{\text{Total Waveform Detections}}{\text{Total Waveform Trials}} \times 100$$

Test Results:

5260 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	90 %	60%	Pass
Type 4	30	66.7 %	60%	Pass
Aggregate (Type1 to 4)	120	89.2 %	80%	Pass
Type 5	30	96.67 %	80%	Pass
Type 6	30	83.3 %	70%	Pass

Please refer to the following statistical tables:

5260 MHz, 20 MHz Bandwidth

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5260	92	1.0	578	1
2	5260	68	1.0	778	1
3	5260	72	1.0	738	1
4	5260	57	1.0	938	1
5	5260	59	1.0	898	1
6	5260	18	1.0	3066	1
7	5260	99	1.0	538	1
8	5260	83	1.0	638	1
9	5260	61	1.0	878	1
10	5260	95	1.0	558	1
11	5260	76	1.0	698	1
12	5260	89	1.0	598	1
13	5260	70	1.0	758	1
14	5260	74	1.0	718	1
15	5260	78	1.0	678	1
16	5260	60	1.0	882	1
17	5260	37	1.0	1438	1
18	5260	87	1.0	611	1
19	5260	20	1.0	2747	1
20	5260	22	1.0	2482	1
21	5260	89	1.0	595	1
22	5260	36	1.0	1499	1
23	5260	25	1.0	2144	1
24	5260	26	1.0	2035	1
25	5260	22	1.0	2421	1
26	5260	83	1.0	642	1
27	5260	37	1.0	1448	1
28	5260	26	1.0	2068	1
29	5260	27	1.0	1973	1
30	5260	21	1.0	2551	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5260	25	1.5	193	1
2	5260	26	3.6	163	1
3	5260	28	4.3	184	1
4	5260	27	1.4	191	1
5	5260	26	1.7	220	1
6	5260	27	3.3	188	1
7	5260	28	1.2	227	1
8	5260	24	3.7	161	1
9	5260	29	2.1	195	1
10	5260	25	4.6	206	1
11	5260	23	3.7	157	1
12	5260	29	2.0	172	1
13	5260	24	2.9	220	1
14	5260	25	2.3	180	1
15	5260	29	2.0	181	1
16	5260	23	1.3	163	1
17	5260	28	4.4	181	1
18	5260	25	4.0	158	1
19	5260	23	1.6	202	1
20	5260	24	2.8	174	1
21	5260	23	2.3	180	1
22	5260	27	4.7	206	1
23	5260	28	2.6	189	1
24	5260	23	2.6	218	1
25	5260	27	4.8	151	1
26	5260	28	2.3	164	1
27	5260	27	4.6	185	1
28	5260	29	2.4	209	1
29	5260	28	3.2	163	1
30	5260	23	2.7	221	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5260	16	7.4	256	1
2	5260	18	6.0	295	1
3	5260	16	6.4	287	1
4	5260	16	7.9	412	1
5	5260	16	9.5	445	1
6	5260	16	7.2	427	1
7	5260	17	9.5	388	1
8	5260	18	7.0	453	1
9	5260	16	8.3	282	1
10	5260	16	9.6	317	1
11	5260	17	9.1	210	0
12	5260	16	8.3	433	1
13	5260	18	7.4	362	1
14	5260	16	8.8	320	1
15	5260	18	9.9	460	1
16	5260	17	9.7	437	1
17	5260	16	9.3	246	1
18	5260	17	9.4	344	1
19	5260	18	6.6	203	0
20	5260	17	9.6	310	1
21	5260	16	6.3	239	1
22	5260	16	9.6	309	1
23	5260	16	7.7	261	1
24	5260	16	7.1	268	1
25	5260	17	8.7	442	1
26	5260	18	8.7	477	0
27	5260	17	9.0	343	1
28	5260	17	8.5	443	1
29	5260	18	10.0	426	1
30	5260	18	7.8	495	1
Detection Percentage: 90 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5260	15	19.9	398	1
2	5260	16	17.7	345	1
3	5260	16	18.1	487	0
4	5260	12	18.2	428	0
5	5260	12	18.9	263	1
6	5260	13	18.1	296	1
7	5260	14	15.1	463	0
8	5260	13	16.8	461	0
9	5260	15	15.8	366	1
10	5260	13	18.9	235	1
11	5260	15	13.5	322	1
12	5260	12	18.1	458	1
13	5260	14	12.2	387	1
14	5260	12	11.0	443	1
15	5260	16	13.1	331	1
16	5260	13	11.4	225	0
17	5260	14	17.1	215	0
18	5260	15	15.8	463	1
19	5260	16	12.9	286	1
20	5260	12	17.8	495	0
21	5260	16	18.1	297	1
22	5260	16	16.3	434	1
23	5260	12	13.9	411	1
24	5260	14	16.1	213	0
25	5260	12	15.2	377	1
26	5260	16	19.8	445	1
27	5260	13	15.3	412	1
28	5260	16	18.1	249	0
29	5260	13	16.9	360	1
30	5260	13	18.6	491	0
Detection Percentage: 66.7% (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5260	1
2	5260	1
3	5260	1
4	5260	1
5	5260	1
6	5260	1
7	5260	1
8	5260	0
9	5260	1
10	5260	1
11	5256.3	1
12	5257.5	1
13	5259.5	1
14	5257.9	1
15	5255.5	1
16	5257.5	1
17	5255.1	1
18	5255.9	1
19	5254.3	1
20	5257.1	1
21	5266.0	1
22	5262.0	1
23	5263.2	1
24	5264.4	1
25	5264.4	1
26	5265.6	1
27	5264.0	1
28	5262.8	1
29	5263.6	1
30	5263.6	1
Detection Percentage: 96.67 % (>80%)		

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	11	98.1	1154		0.232712	
1	3	11	93.7	1032	1206	0.833968	
2	2	11	72.2	1047		1.829994	
3	3	11	85.9	1119	1064	2.569108	
4	3	11	93.9	1695	1857	3.215972	
5	2	11	99.2	1889		3.588694	
6	2	11	79.3	1824		4.609219	
7	1	11	80.4			5.275593	
8	1	11	62.2			6.060464	1
9	3	11	98	1191	1549	6.549027	
10	3	11	73.8	1582	1188	7.07897	
11	2	11	53.8	1598		7.859172	
12	2	11	54.6	1761		8.494313	
13	2	11	60.3	1692		9.197201	
14	3	11	59	1002	1674	9.952206	
15	2	11	56.1	1249		11.105875	
16	1	11	69.9			11.478666	

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	12	97.3	1483		1.201501	
1	2	12	99.6	1839		1.895888	
2	1	12	70.3			3.102291	
3	2	12	86	1158		5.165307	1
4	2	12	78.4	1142		7.157385	
5	3	12	95.9	1810	1073	7.504016	
6	2	12	56.9	1254		10.030744	
7	2	12	81.7	1240		10.743515	

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	8	58.2			0.365614	1
1	2	8	98.8	1745		1.404849	
2	3	8	54.7	1929	1684	2.092468	
3	3	8	67.4	1941	1561	2.95506	
4	1	8	74.1			3.858196	
5	2	8	67.6	1669		4.835556	
6	2	8	58	1755		5.214595	
7	2	8	88	1283		6.300337	
8	3	8	58.8	1989	1362	7.177692	
9	3	8	65	1057	1773	8.106838	
10	2	8	68.1	1512		8.731795	
11	2	8	65.1	1871		10.217379	
12	3	8	96.9	1104	1158	10.290771	
13	1	8	63.9			11.190123	

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	12	71.5			0.229341	1
1	2	12	53.6	1859		1.351732	
2	1	12	92.1			1.703402	
3	1	12	88.1			2.577781	
4	2	12	83.2	1069		3.451388	
5	2	12	90.4	1613		4.444591	
6	3	12	86.7	1089	1150	5.235179	
7	1	12	62.7			5.342118	
8	1	12	63.8			6.69344	
9	2	12	88.3	1709		7.193172	
10	1	12	58.8			8.126998	
11	2	12	76.1	1830		8.971507	
12	2	12	66.4	1730		9.522178	
13	1	12	57			10.185672	
14	2	12	61.5	1355		11.003708	
15	2	12	72.9	1588		11.928097	

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	75.4			0.406978	1
1	2	8	93.7	1276		1.827697	
2	2	8	85.2	1630		2.702199	
3	3	8	51.7	1822	1136	3.636183	
4	2	8	68.2	1289		4.065676	
5	1	8	74.3			5.269974	
6	2	8	80.3	1869		6.201134	
7	3	8	73.5	1570	1632	7.794189	
8	2	8	89.6	1162		8.418527	
9	2	8	77.3	1963		9.217825	
10	1	8	63.5			10.445179	
11	1	8	99.3			11.103505	

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	7	71.1	1963		0.497398	1
1	2	7	73.9	1838		1.116772	
2	1	7	71.5			1.702197	
3	1	7	86.7			2.517042	
4	2	7	61.3	1741		3.144847	
5	2	7	51.2	1028		3.913475	
6	2	7	57.4	1456		4.026414	
7	1	7	57.9			4.970658	
8	1	7	93.4			5.50807	
9	2	7	82.4	1113		6.348267	
10	2	7	56.5	1241		7.05076	
11	3	7	82.7	1239	1185	7.695663	
12	2	7	80.7	1301		8.534799	
13	2	7	60.2	1425		8.800159	
14	1	7	74.1			9.975089	
15	3	7	62	1628	1241	10.147335	
16	3	7	94.1	1130	1178	10.964364	
17	1	7	55.5			11.691626	

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	3	11	68.9	1163	1726	0.649806	1
1	1	11	98.5			0.786432	
2	2	11	80.5	1412		2.24541	
3	3	11	90.6	1528	1217	2.285217	
4	1	11	75.9			3.508222	
5	3	11	74.4	1869	1216	3.887081	
6	2	11	59.9	1097		4.783149	
7	1	11	65.3			5.60375	
8	2	11	96	1128		6.304937	
9	2	11	92.4	1641		7.485484	
10	2	11	54.2	1148		8.059533	
11	1	11	90.3			8.870358	
12	2	11	94.7	1207		9.185154	
13	2	11	89	1553		10.090816	
14	1	11	87.8			10.761127	
15	3	11	57.6	1672	1010	11.294458	

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	10	58.5			0.312403	0
1	1	10	90.5			0.713013	
2	2	10	93.9	1268		1.818462	
3	2	10	75.9	1859		2.431091	
4	1	10	80.6			2.868316	
5	3	10	79	1618	1205	4.155406	
6	2	10	98.6	1313		4.506308	
7	3	10	99.6	1861	1490	4.96662	
8	2	10	66.7	1108		6.268054	
9	3	10	50.3	1181	1551	6.583471	
10	1	10	65			7.455711	
11	2	10	62.6	1690		8.260564	
12	2	10	97	1304		8.957255	
13	2	10	74.4	1260		9.388415	
14	1	10	63			10.218059	
15	2	10	70.3	1345		11.183568	
16	3	10	95.4	1769	1643	11.664671	

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	11	58.2	1166		0.306818	
1	2	11	64.4	1644		1.263025	
2	2	11	74.4	1839		2.204292	
3	3	11	71.6	1584	1550	2.736677	
4	2	11	72.2	1332		3.393289	
5	1	11	85			4.784332	
6	3	11	67.5	1329	1560	4.844486	
7	2	11	61.7	1592		5.81048	1
8	3	11	86.5	1965	1069	6.910865	
9	3	11	61.4	1628	1016	7.398936	
10	2	11	96.9	1877		8.060179	
11	3	11	61.1	1492	1900	9.000363	
12	3	11	68.4	1990	1557	9.629454	
13	2	11	66.5	1420		11.108655	
14	3	11	87.8	1783	1189	11.946998	

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	3	10	86.1	1361	1162	0.103905	
1	2	10	83.8	1533		1.916301	
2	3	10	70.8	1590	1004	3.873673	
3	3	10	98.1	1845	1595	4.999416	
4	2	10	76.6	1472		6.485732	1
5	2	10	67.7	1073		7.192629	
6	1	10	51.4			9.200768	
7	2	10	72.2	1859		10.439798	
8	1	10	94.5			11.203458	

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	12	56.2			0.564886	1
1	1	12	74.1			1.662529	
2	2	12	93.4	1965		3.641417	
3	1	12	61.5			5.05336	
4	3	12	97.2	1993	1559	5.936159	
5	1	12	55			7.28844	
6	1	12	59			8.565421	
7	2	12	53.6	1286		9.657445	
8	2	12	82.6	1034		10.998751	

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	15	84.4	1224		0.340486	1
1	2	15	69.5	1953		1.765053	
2	3	15	52.7	1626	1374	2.924037	
3	1	15	79.7			3.671071	
4	1	15	60.6			4.898946	
5	2	15	83.3	1139		6.764327	
6	1	15	76.4			7.857584	
7	3	15	94.8	1129	1408	9.357378	
8	3	15	79.9	1657	1067	10.552159	
9	2	15	66.9	1387		11.43564	

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	20	52.9			0.640004	
1	2	20	86.1	1772		1.45534	
2	1	20	75.2			1.865504	
3	3	20	87.5	1863	1726	3.138429	
4	2	20	94.2	1159		3.711655	
5	2	20	93.4	1745		4.017886	
6	3	20	56	1880	1638	4.808868	
7	2	20	75.5	1786		5.683091	1
8	2	20	71.4	1832		6.503758	
9	2	20	98.7	1177		7.785818	
10	2	20	78.6	1047		8.25683	
11	2	20	64.1	1838		8.949235	
12	3	20	81.7	1593	1638	9.62954	
13	2	20	96	1605		10.743652	
14	2	20	58.3	1014		11.450694	

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	16	73.9			0.110002	
1	1	16	50.8			1.022971	
2	1	16	57.8			2.376508	
3	2	16	85.2	1358		2.773433	
4	2	16	78.8	1296		3.200319	
5	3	16	82.6	1808	1163	4.334029	
6	2	16	78.9	1453		5.444886	
7	1	16	74.5			5.772929	1
8	2	16	62.8	1690		6.407434	
9	3	16	67.6	1098	1145	7.620512	
10	1	16	57.8			8.713701	
11	1	16	91.8			9.078917	
12	2	16	70.3	1724		9.896756	
13	2	16	96.6	1652		10.523106	
14	2	16	80.9	1877		11.790664	

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	10	94.6	1781	1711	1.303264	
1	2	10	58.1	1262		2.303484	
2	1	10	89.6			3.956606	
3	3	10	56	1291	1749	4.479798	
4	1	10	94.8			5.986842	1
5	2	10	54.4	1098		7.755065	
6	2	10	71.4	1465		8.862392	
7	2	10	59.7	1416		9.859338	
8	1	10	97.1			11.709499	

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	15	87.7			0.074788	
1	2	15	89.2	1771		1.306766	
2	3	15	64.7	1549	1220	1.858803	
3	2	15	90.3	1676		2.633439	
4	2	15	52.5	1338		2.715564	
5	3	15	55	1320	1824	3.773318	
6	2	15	86.4	1082		4.604369	
7	2	15	96.9	1165		5.177799	
8	3	15	53.1	1470	1789	5.346954	
9	2	15	98.4	1152		6.440206	1
10	1	15	77.3			6.695125	
11	2	15	84.1	1606		7.740793	
12	3	15	75.3	1800	1871	8.316202	
13	2	15	71.8	1348		9.319033	
14	2	15	70.5	1090		9.497209	
15	2	15	64.8	1258		10.580179	
16	1	15	82			10.998966	
17	1	15	69.7			11.366766	

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	9	77.6			0.089774	1
1	2	9	65.6	1634		1.260567	
2	3	9	62.1	1518	1124	2.209962	
3	3	9	98.3	1357	1896	3.278455	
4	2	9	94.9	1950		3.952616	
5	2	9	82.5	1525		4.481379	
6	2	9	99.4	1073		5.427921	
7	3	9	57.3	1260	1937	6.017757	
8	3	9	75.8	1964	1540	7.125188	
9	1	9	77.8			8.369429	
10	2	9	86.4	1107		8.814092	
11	3	9	99.1	1309	1423	10.036354	
12	3	9	62.3	1442	1115	10.487611	
13	1	9	58.3			11.746187	

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	11	67.7	1539		0.234626	1
1	1	11	82.5			1.823812	
2	2	11	91	1206		2.753282	
3	2	11	95.7	1178		3.46138	
4	3	11	98.5	1833	1287	3.761576	
5	3	11	65.2	1990	1942	4.871126	
6	2	11	92.7	1048		6.441997	
7	3	11	90.2	1415	1871	6.753834	
8	2	11	78	1155		7.646634	
9	3	11	74.2	1144	1305	9.054628	
10	2	11	68.9	1968		9.304317	
11	2	11	96.9	1239		10.491754	
12	1	11	71.3			11.879167	

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	7	71.9			0.128204	1
1	2	7	90.5	1571		1.593059	
2	2	7	75.5	1285		2.931033	
3	2	7	58	1023		3.946037	
4	2	7	84.4	1156		5.769751	
5	3	7	59.1	1964	1462	6.333691	
6	2	7	70.1	1762		7.91216	
7	3	7	76.5	1843	1720	9.221879	
8	3	7	67.5	1109	1261	9.805592	
9	2	7	93	1738		11.757889	

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	14	74.1	1246		1.028212	1
1	2	14	73.2	1184		2.018384	
2	3	14	85.3	1227	1712	3.549864	
3	1	14	77.2			4.064549	
4	2	14	83.5	1829		5.642561	
5	2	14	67.5	1306		6.295049	
6	3	14	55.8	1421	1258	7.372953	
7	1	14	80.5			8.633386	
8	3	14	86.1	1877	1146	10.787472	
9	1	14	75.4			11.264082	

Bin5 Statistics 21

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	63.8			0.909354	
1	3	10	81.9	1723	1310	1.345671	
2	2	10	75	1943		2.168843	
3	1	10	66.2			2.975869	
4	3	10	79.5	1192	1953	4.145038	
5	2	10	64.9	1471		5.386903	
6	3	10	69.7	1589	1544	6.057402	1
7	2	10	99	1444		7.376266	
8	3	10	73.6	1815	1781	7.56134	
9	1	10	93.7			8.474354	
10	2	10	63	1267		10.054157	
11	1	10	56.6			10.399417	
12	1	10	81.3			11.807756	

Bin5 Statistics 22

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	65.8			0.338237	
1	2	20	64.7	1633		1.098378	
2	2	20	75.2	1483		1.275798	
3	3	20	52.6	1097	1361	2.233563	
4	2	20	99.5	1488		2.794256	
5	1	20	78.3			3.317695	
6	1	20	72.5			3.869593	
7	3	20	54	1817	1678	5.033044	
8	3	20	76.1	1125	1011	5.570544	
9	2	20	51.7	1270		6.225079	1
10	2	20	67.1	1326		6.568645	
11	3	20	88.5	1625	1011	7.355793	
12	3	20	90.5	1539	1114	7.777448	
13	3	20	77.4	1045	1837	8.695777	
14	1	20	77.2			8.917242	
15	2	20	73.7	1753		9.78131	
16	3	20	63.8	1220	1862	10.128354	
17	1	20	93.7			11.28725	
18	1	20	98.3			11.887877	

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	17	58.1			0.517342	1
1	2	17	55.9	1520		1.149635	
2	2	17	82.1	1588		1.615642	
3	3	17	74.4	1266	1805	2.501117	
4	1	17	63			3.398954	
5	1	17	61			3.885659	
6	2	17	58	1208		4.567129	
7	3	17	89.6	1765	1789	5.347456	
8	2	17	59	1302		6.69406	
9	2	17	71.5	1892		7.07088	
10	2	17	75.5	1726		8.036144	
11	2	17	90.9	1352		8.479693	
12	2	17	89.2	1901		9.338632	
13	2	17	98.9	1975		9.858373	
14	2	17	52.1	1687		10.768073	
15	2	17	82.1	1189		11.951888	

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	77.8	1461		0.470965	1
1	2	14	94.5	1505		1.005443	
2	2	14	96.4	1089		2.88024	
3	2	14	95.2	1108		3.826264	
4	3	14	68.7	1894	1756	4.988472	
5	2	14	76.4	1151		5.800954	
6	2	14	69.2	1129		6.929966	
7	2	14	66.3	1953		7.172458	
8	3	14	65.4	1369	1061	8.679429	
9	2	14	72.8	1024		9.5094	
10	2	14	73.2	1406		10.419874	
11	2	14	94.2	1929		11.318497	

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	57.8	1482		0.392568	1
1	3	14	69.3	1658	1873	1.974572	
2	2	14	99	1927		2.374517	
3	2	14	62.3	1151		3.028362	
4	3	14	52	1473	1527	4.294654	
5	2	14	54.9	1370		5.170355	
6	3	14	59.5	1731	1751	6.801413	
7	2	14	63	1551		7.720266	
8	1	14	78.5			8.237811	
9	2	14	50.2	1977		9.051145	
10	2	14	52.1	1060		10.607952	
11	2	14	92.8	1042		11.387835	

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	11	86.2	1771	1483	0.744994	1
1	3	11	61.5	1532	1041	1.512734	
2	1	11	83.7			3.091008	
3	2	11	80.6	1758		3.888092	
4	2	11	81.3	1396		4.573753	
5	1	11	53.2			6.130453	
6	2	11	79.8	1288		6.583283	
7	1	11	94.1			7.791967	
8	2	11	85.6	1844		9.191931	
9	2	11	56.9	1626		10.116286	
10	3	11	87.5	1089	1908	11.018125	

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	15	59.9	1089		0.649171	1
1	2	15	76.4	1163		1.065043	
2	2	15	58.5	1984		2.754343	
3	1	15	91.6			3.337839	
4	1	15	82.2			3.931545	
5	2	15	53.5	1851		5.050987	
6	1	15	69.8			5.718915	
7	1	15	82.4			7.155361	
8	1	15	60.5			7.461556	
9	2	15	68.1	1621		8.878163	
10	3	15	70.3	1133	1922	9.562037	
11	2	15	87.5	1493		10.163745	
12	2	15	75.1	1682		11.44365	

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	18	53.8			0.968515	1
1	1	18	77.4			1.25737	
2	3	18	66.1	1744	1038	2.433157	
3	2	18	89.6	1622		4.671013	
4	3	18	90.3	1289	1250	5.061866	
5	2	18	64.9	1439		6.651717	
6	2	18	58.6	1885		8.225292	
7	1	18	81.2			8.472077	
8	2	18	74.9	1353		10.788736	
9	2	18	74.4	1832		11.661568	

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	2	16	88.1	1147		0.765959	1
1	2	16	60	1462		1.469474	
2	2	16	66.1	1883		2.151838	
3	2	16	71.4	1995		3.199408	
4	2	16	94.5	1685		3.913995	
5	1	16	72.6			4.708169	
6	1	16	99			5.818116	
7	2	16	69.5	1121		6.347009	
8	2	16	55	1644		7.15372	
9	2	16	97.9	1065		8.328141	
10	2	16	98.2	1911		9.389627	
11	3	16	50.1	1130	1171	9.936145	
12	2	16	67.5	1271		10.971497	
13	1	16	73.5			11.986192	

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	16	61.6	1661		0.061585	1
1	3	16	70.9	1157	1520	1.522829	
2	2	16	85.5	1218		3.14076	
3	1	16	73.7			4.292684	
4	3	16	56.8	1034	1949	4.815309	
5	2	16	89.5	1989		5.538826	
6	2	16	60.7	1752		7.377529	
7	2	16	81.2	1362		7.640264	
8	2	16	56.1	1603		9.41142	
9	2	16	61.4	1294		10.150854	
10	2	16	99.1	1791		10.940619	

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	5260	9	1	333	1	5681.0, 5460.0, 5706.0, 5610.0, 5419.0, 5625.0, 5274.0, 5701.0, 5495.0, 5257.0, 5655.0, 5289.0, 5429.0, 5406.0, 5667.0, 5446.0, 5356.0, 5526.0, 5473.0, 5346.0, 5439.0, 5294.0, 5436.0, 5516.0, 5567.0, 5694.0, 5358.0, 5469.0, 5704.0, 5325.0, 5557.0, 5450.0, 5449.0, 5484.0, 5296.0, 5345.0, 5270.0, 5715.0, 5712.0, 5343.0, 5551.0, 5465.0, 5490.0, 5385.0, 5303.0, 5318.0, 5643.0, 5268.0, 5653.0, 5251.0, 5554.0, 5549.0, 5498.0, 5547.0, 5310.0, 5456.0, 5571.0, 5489.0, 5582.0, 5693.0, 5619.0, 5475.0, 5703.0, 5606.0, 5283.0, 5665.0, 5544.0, 5262.0, 5532.0, 5433.0, 5708.0, 5459.0, 5424.0, 5275.0, 5481.0, 5521.0, 5322.0, 5645.0, 5507.0, 5314.0, 5313.0, 5503.0, 5344.0, 5352.0, 5569.0, 5593.0, 5496.0, 5278.0, 5437.0, 5396.0, 5691.0, 5427.0, 5414.0, 5442.0, 5487.0, 5594.0, 5273.0, 5293.0, 5392.0, 5428.0 (number of hits: 4)
2	5260	9	1	333	1	5284.0, 5722.0, 5388.0, 5258.0, 5503.0, 5319.0, 5369.0, 5623.0, 5274.0, 5437.0, 5405.0, 5447.0, 5288.0, 5584.0, 5648.0, 5519.0, 5373.0, 5350.0, 5403.0, 5695.0, 5332.0, 5318.0, 5610.0, 5458.0, 5572.0, 5700.0, 5303.0, 5620.0, 5563.0, 5454.0, 5718.0, 5711.0, 5543.0, 5590.0, 5278.0, 5640.0, 5343.0, 5701.0, 5682.0, 5299.0, 5650.0, 5433.0, 5314.0, 5445.0, 5382.0, 5661.0, 5580.0, 5422.0, 5372.0, 5492.0, 5724.0, 5457.0, 5272.0, 5511.0, 5517.0, 5349.0, 5518.0, 5626.0, 5646.0, 5431.0, 5378.0, 5335.0, 5595.0, 5577.0, 5305.0, 5527.0, 5255.0, 5326.0, 5475.0, 5631.0, 5311.0, 5390.0, 5624.0, 5570.0, 5442.0, 5339.0, 5568.0, 5291.0, 5621.0, 5658.0, 5659.0, 5671.0, 5340.0, 5374.0, 5267.0, 5276.0, 5641.0, 5536.0, 5638.0, 5622.0, 5558.0, 5468.0, 5649.0, 5567.0, 5309.0, 5386.0, 5591.0, 5473.0, 5710.0, 5699.0 (number of hits: 3)
3	5260	9	1	333	1	5440.0, 5548.0, 5580.0, 5426.0, 5589.0, 5489.0, 5302.0, 5693.0, 5665.0, 5497.0, 5588.0, 5683.0, 5605.0, 5498.0, 5312.0, 5293.0, 5485.0, 5513.0, 5490.0, 5415.0, 5324.0, 5479.0, 5676.0, 5578.0, 5449.0, 5387.0, 5452.0, 5290.0, 5537.0, 5628.0, 5251.0, 5723.0, 5424.0, 5556.0, 5681.0, 5626.0, 5541.0, 5417.0, 5386.0, 5291.0, 5655.0, 5273.0, 5573.0, 5694.0, 5283.0, 5594.0, 5365.0, 5267.0, 5284.0, 5263.0, 5572.0, 5366.0, 5624.0, 5467.0, 5680.0,

						5469.0, 5502.0, 5531.0, 5472.0, 5350.0, 5451.0, 5432.0, 5327.0, 5368.0, 5575.0, 5272.0, 5438.0, 5336.0, 5421.0, 5671.0, 5660.0, 5547.0, 5709.0, 5484.0, 5271.0, 5357.0, 5562.0, 5476.0, 5581.0, 5638.0, 5535.0, 5466.0, 5262.0, 5625.0, 5603.0, 5314.0, 5337.0, 5678.0, 5721.0, 5294.0, 5607.0, 5317.0, 5492.0, 5579.0, 5392.0, 5279.0, 5281.0, 5691.0, 5397.0, 5710.0 (number of hits: 4)
4	5260	9	1	333	1	5468.0, 5364.0, 5526.0, 5552.0, 5319.0, 5339.0, 5502.0, 5673.0, 5568.0, 5480.0, 5506.0, 5723.0, 5479.0, 5314.0, 5340.0, 5509.0, 5461.0, 5328.0, 5599.0, 5373.0, 5495.0, 5402.0, 5317.0, 5356.0, 5333.0, 5696.0, 5634.0, 5536.0, 5347.0, 5647.0, 5613.0, 5537.0, 5542.0, 5363.0, 5505.0, 5287.0, 5493.0, 5592.0, 5368.0, 5450.0, 5544.0, 5701.0, 5669.0, 5289.0, 5623.0, 5676.0, 5621.0, 5263.0, 5252.0, 5386.0, 5300.0, 5660.0, 5570.0, 5571.0, 5609.0, 5591.0, 5600.0, 5440.0, 5683.0, 5455.0, 5627.0, 5274.0, 5322.0, 5401.0, 5645.0, 5541.0, 5264.0, 5617.0, 5704.0, 5429.0, 5667.0, 5418.0, 5690.0, 5486.0, 5665.0, 5670.0, 5514.0, 5569.0, 5501.0, 5437.0, 5434.0, 5573.0, 5624.0, 5706.0, 5423.0, 5533.0, 5635.0, 5567.0, 5521.0, 5633.0, 5302.0, 5352.0, 5631.0, 5277.0, 5419.0, 5346.0, 5370.0, 5538.0, 5659.0, 5379.0 (number of hits: 3)
5	5260	9	1	333	1	5338.0, 5477.0, 5547.0, 5710.0, 5340.0, 5357.0, 5307.0, 5331.0, 5309.0, 5501.0, 5668.0, 5405.0, 5317.0, 5486.0, 5337.0, 5396.0, 5532.0, 5372.0, 5358.0, 5553.0, 5723.0, 5411.0, 5302.0, 5678.0, 5694.0, 5693.0, 5454.0, 5370.0, 5394.0, 5419.0, 5298.0, 5487.0, 5597.0, 5457.0, 5536.0, 5703.0, 5624.0, 5320.0, 5653.0, 5392.0, 5413.0, 5440.0, 5264.0, 5512.0, 5706.0, 5364.0, 5524.0, 5642.0, 5573.0, 5326.0, 5609.0, 5376.0, 5336.0, 5599.0, 5562.0, 5277.0, 5436.0, 5635.0, 5354.0, 5344.0, 5590.0, 5342.0, 5680.0, 5252.0, 5481.0, 5709.0, 5655.0, 5345.0, 5258.0, 5625.0, 5383.0, 5705.0, 5259.0, 5516.0, 5721.0, 5675.0, 5418.0, 5346.0, 5422.0, 5375.0, 5272.0, 5373.0, 5381.0, 5414.0, 5527.0, 5584.0, 5569.0, 5333.0, 5509.0, 5438.0, 5552.0, 5523.0, 5303.0, 5720.0, 5282.0, 5398.0, 5557.0, 5593.0, 5359.0, 5356.0 (number of hits: 4)
6	5260	9	1	333	0	-
7	5260	9	1	333	1	5271.0, 5664.0, 5473.0, 5300.0, 5494.0, 5470.0, 5628.0, 5411.0, 5566.0, 5362.0, 5532.0, 5680.0, 5464.0, 5549.0, 5648.0, 5405.0, 5497.0, 5685.0, 5455.0, 5674.0, 5527.0, 5311.0, 5371.0, 5493.0, 5663.0, 5489.0, 5605.0, 5668.0, 5298.0, 5575.0,

						5272.0, 5641.0, 5516.0, 5673.0, 5679.0, 5449.0, 5593.0, 5381.0, 5531.0, 5433.0, 5281.0, 5475.0, 5357.0, 5653.0, 5421.0, 5530.0, 5508.0, 5703.0, 5438.0, 5595.0, 5581.0, 5388.0, 5620.0, 5329.0, 5335.0, 5436.0, 5327.0, 5572.0, 5458.0, 5451.0, 5675.0, 5657.0, 5615.0, 5358.0, 5309.0, 5563.0, 5378.0, 5406.0, 5267.0, 5306.0, 5398.0, 5695.0, 5677.0, 5285.0, 5366.0, 5365.0, 5317.0, 5424.0, 5558.0, 5460.0, 5711.0, 5522.0, 5374.0, 5719.0, 5347.0, 5564.0, 5459.0, 5395.0, 5302.0, 5437.0, 5465.0, 5638.0, 5538.0, 5324.0, 5699.0, 5369.0, 5461.0, 5490.0, 5308.0, 5400.0 (number of hits: 1)
8	5260	9	1	333	1	5687.0, 5518.0, 5604.0, 5539.0, 5267.0, 5436.0, 5480.0, 5579.0, 5594.0, 5376.0, 5639.0, 5412.0, 5273.0, 5416.0, 5342.0, 5430.0, 5447.0, 5455.0, 5590.0, 5258.0, 5463.0, 5278.0, 5517.0, 5393.0, 5313.0, 5531.0, 5454.0, 5635.0, 5584.0, 5358.0, 5666.0, 5540.0, 5592.0, 5302.0, 5269.0, 5272.0, 5478.0, 5578.0, 5338.0, 5587.0, 5274.0, 5257.0, 5667.0, 5294.0, 5647.0, 5382.0, 5292.0, 5414.0, 5636.0, 5409.0, 5588.0, 5565.0, 5437.0, 5535.0, 5657.0, 5390.0, 5266.0, 5254.0, 5707.0, 5380.0, 5658.0, 5300.0, 5285.0, 5551.0, 5355.0, 5371.0, 5543.0, 5624.0, 5349.0, 5297.0, 5664.0, 5677.0, 5400.0, 5325.0, 5369.0, 5484.0, 5485.0, 5452.0, 5613.0, 5684.0, 5718.0, 5263.0, 5495.0, 5689.0, 5406.0, 5712.0, 5433.0, 5494.0, 5359.0, 5593.0, 5607.0, 5714.0, 5431.0, 5671.0, 5606.0, 5643.0, 5361.0, 5318.0, 5567.0, 5255.0 (number of hits: 8)
9	5260	9	1	333	0	-
10	5260	9	1	333	0	-
11	5260	9	1	333	0	-
12	5260	9	1	333	1	5501.0, 5515.0, 5344.0, 5635.0, 5314.0, 5692.0, 5554.0, 5350.0, 5712.0, 5430.0, 5454.0, 5495.0, 5255.0, 5278.0, 5312.0, 5526.0, 5412.0, 5544.0, 5271.0, 5581.0, 5624.0, 5660.0, 5398.0, 5699.0, 5509.0, 5671.0, 5627.0, 5435.0, 5531.0, 5444.0, 5366.0, 5351.0, 5461.0, 5262.0, 5579.0, 5575.0, 5525.0, 5686.0, 5618.0, 5659.0, 5467.0, 5585.0, 5498.0, 5638.0, 5693.0, 5547.0, 5674.0, 5489.0, 5375.0, 5459.0, 5400.0, 5427.0, 5578.0, 5348.0, 5497.0, 5689.0, 5564.0, 5420.0, 5404.0, 5276.0, 5458.0, 5612.0, 5553.0, 5637.0, 5263.0, 5518.0, 5298.0, 5591.0, 5713.0, 5279.0, 5280.0, 5258.0, 5386.0, 5696.0, 5687.0, 5644.0, 5468.0, 5535.0, 5371.0, 5373.0, 5645.0, 5397.0, 5294.0, 5390.0, 5616.0, 5691.0, 5257.0, 5422.0, 5273.0, 5275.0, 5480.0, 5306.0, 5688.0, 5392.0, 5607.0, 5617.0, 5473.0, 5516.0, 5339.0, 5483.0

						(number of hits: 5)
13	5260	9	1	333	1	5361.0, 5310.0, 5493.0, 5498.0, 5399.0, 5485.0, 5539.0, 5416.0, 5323.0, 5599.0, 5639.0, 5682.0, 5592.0, 5253.0, 5643.0, 5506.0, 5690.0, 5587.0, 5689.0, 5309.0, 5331.0, 5565.0, 5632.0, 5520.0, 5655.0, 5274.0, 5630.0, 5398.0, 5494.0, 5343.0, 5329.0, 5276.0, 5269.0, 5696.0, 5667.0, 5260.0, 5620.0, 5297.0, 5593.0, 5720.0, 5377.0, 5450.0, 5409.0, 5708.0, 5482.0, 5453.0, 5448.0, 5373.0, 5407.0, 5636.0, 5256.0, 5675.0, 5261.0, 5252.0, 5521.0, 5265.0, 5656.0, 5578.0, 5511.0, 5435.0, 5419.0, 5594.0, 5610.0, 5443.0, 5508.0, 5319.0, 5589.0, 5447.0, 5649.0, 5674.0, 5500.0, 5663.0, 5608.0, 5697.0, 5395.0, 5403.0, 5561.0, 5254.0, 5652.0, 5275.0, 5581.0, 5683.0, 5577.0, 5402.0, 5480.0, 5459.0, 5384.0, 5711.0, 5640.0, 5412.0, 5668.0, 5601.0, 5436.0, 5628.0, 5411.0, 5551.0, 5692.0, 5644.0, 5721.0, 5280.0 (number of hits: 8)
14	5260	9	1	333	1	5500.0, 5470.0, 5425.0, 5721.0, 5614.0, 5720.0, 5328.0, 5415.0, 5301.0, 5441.0, 5642.0, 5251.0, 5443.0, 5281.0, 5365.0, 5449.0, 5622.0, 5543.0, 5347.0, 5648.0, 5636.0, 5494.0, 5460.0, 5538.0, 5474.0, 5556.0, 5520.0, 5509.0, 5651.0, 5387.0, 5463.0, 5304.0, 5353.0, 5348.0, 5423.0, 5306.0, 5595.0, 5599.0, 5417.0, 5569.0, 5324.0, 5424.0, 5309.0, 5486.0, 5283.0, 5644.0, 5287.0, 5263.0, 5548.0, 5579.0, 5358.0, 5364.0, 5252.0, 5376.0, 5422.0, 5298.0, 5285.0, 5438.0, 5713.0, 5634.0, 5303.0, 5631.0, 5688.0, 5669.0, 5573.0, 5652.0, 5621.0, 5665.0, 5664.0, 5276.0, 5368.0, 5261.0, 5712.0, 5272.0, 5602.0, 5505.0, 5598.0, 5431.0, 5308.0, 5551.0, 5617.0, 5690.0, 5701.0, 5279.0, 5275.0, 5563.0, 5316.0, 5382.0, 5692.0, 5394.0, 5466.0, 5293.0, 5312.0, 5518.0, 5346.0, 5605.0, 5582.0, 5685.0, 5653.0, 5674.0 (number of hits: 4)
15	5260	9	1	333	1	5636.0, 5275.0, 5344.0, 5620.0, 5349.0, 5576.0, 5410.0, 5478.0, 5261.0, 5305.0, 5271.0, 5479.0, 5348.0, 5341.0, 5294.0, 5613.0, 5444.0, 5505.0, 5332.0, 5382.0, 5407.0, 5311.0, 5390.0, 5399.0, 5600.0, 5318.0, 5396.0, 5544.0, 5464.0, 5352.0, 5633.0, 5658.0, 5614.0, 5255.0, 5515.0, 5376.0, 5527.0, 5520.0, 5616.0, 5372.0, 5514.0, 5342.0, 5415.0, 5604.0, 5319.0, 5630.0, 5712.0, 5580.0, 5657.0, 5549.0, 5684.0, 5673.0, 5587.0, 5393.0, 5594.0, 5671.0, 5439.0, 5286.0, 5327.0, 5265.0, 5359.0, 5628.0, 5688.0, 5428.0, 5513.0, 5452.0, 5695.0, 5589.0, 5506.0, 5379.0, 5603.0, 5355.0, 5328.0, 5308.0, 5703.0, 5523.0, 5689.0, 5385.0, 5530.0, 5590.0,

						5362.0, 5267.0, 5289.0, 5473.0, 5465.0, 5519.0, 5646.0, 5366.0, 5368.0, 5582.0, 5563.0, 5364.0, 5715.0, 5470.0, 5717.0, 5625.0, 5252.0, 5668.0, 5440.0, 5277.0 (number of hits: 5)
16	5260	9	1	333	1	5675.0, 5407.0, 5672.0, 5549.0, 5444.0, 5388.0, 5652.0, 5418.0, 5551.0, 5588.0, 5400.0, 5411.0, 5640.0, 5363.0, 5546.0, 5662.0, 5648.0, 5677.0, 5573.0, 5644.0, 5472.0, 5603.0, 5542.0, 5527.0, 5439.0, 5394.0, 5604.0, 5374.0, 5723.0, 5561.0, 5371.0, 5256.0, 5420.0, 5474.0, 5661.0, 5607.0, 5265.0, 5313.0, 5522.0, 5563.0, 5631.0, 5324.0, 5510.0, 5495.0, 5616.0, 5503.0, 5468.0, 5703.0, 5570.0, 5329.0, 5659.0, 5583.0, 5449.0, 5456.0, 5508.0, 5413.0, 5294.0, 5350.0, 5678.0, 5667.0, 5421.0, 5694.0, 5499.0, 5638.0, 5687.0, 5485.0, 5304.0, 5577.0, 5398.0, 5641.0, 5594.0, 5547.0, 5283.0, 5540.0, 5465.0, 5599.0, 5341.0, 5274.0, 5279.0, 5300.0, 5600.0, 5568.0, 5626.0, 5429.0, 5436.0, 5541.0, 5352.0, 5490.0, 5369.0, 5636.0, 5646.0, 5317.0, 5643.0, 5690.0, 5416.0, 5481.0, 5587.0, 5718.0, 5409.0, 5467.0 (number of hits: 2)
17	5260	9	1	333	1	5507.0, 5661.0, 5640.0, 5258.0, 5568.0, 5600.0, 5330.0, 5639.0, 5426.0, 5573.0, 5437.0, 5279.0, 5275.0, 5482.0, 5614.0, 5488.0, 5598.0, 5688.0, 5569.0, 5383.0, 5439.0, 5543.0, 5536.0, 5619.0, 5361.0, 5585.0, 5290.0, 5487.0, 5323.0, 5481.0, 5396.0, 5659.0, 5303.0, 5595.0, 5625.0, 5705.0, 5658.0, 5455.0, 5605.0, 5368.0, 5679.0, 5530.0, 5505.0, 5711.0, 5580.0, 5657.0, 5380.0, 5404.0, 5358.0, 5261.0, 5690.0, 5581.0, 5561.0, 5664.0, 5521.0, 5281.0, 5583.0, 5484.0, 5347.0, 5446.0, 5348.0, 5608.0, 5453.0, 5601.0, 5662.0, 5354.0, 5366.0, 5673.0, 5483.0, 5629.0, 5309.0, 5393.0, 5335.0, 5597.0, 5574.0, 5552.0, 5288.0, 5320.0, 5584.0, 5443.0, 5296.0, 5434.0, 5546.0, 5327.0, 5256.0, 5364.0, 5300.0, 5689.0, 5563.0, 5254.0, 5502.0, 5405.0, 5704.0, 5312.0, 5602.0, 5538.0, 5356.0, 5616.0, 5587.0, 5691.0 (number of hits: 4)
18	5260	9	1	333	1	5478.0, 5365.0, 5548.0, 5562.0, 5377.0, 5560.0, 5482.0, 5595.0, 5637.0, 5260.0, 5328.0, 5356.0, 5700.0, 5303.0, 5317.0, 5384.0, 5655.0, 5407.0, 5309.0, 5669.0, 5346.0, 5430.0, 5352.0, 5327.0, 5534.0, 5686.0, 5321.0, 5531.0, 5684.0, 5274.0, 5673.0, 5710.0, 5522.0, 5435.0, 5400.0, 5270.0, 5660.0, 5523.0, 5437.0, 5532.0, 5565.0, 5254.0, 5615.0, 5679.0, 5409.0, 5671.0, 5708.0, 5367.0, 5289.0, 5503.0, 5638.0, 5283.0, 5424.0, 5623.0, 5699.0, 5571.0, 5477.0, 5341.0, 5369.0, 5295.0,

						5587.0, 5277.0, 5300.0, 5546.0, 5576.0, 5619.0, 5593.0, 5422.0, 5499.0, 5632.0, 5316.0, 5494.0, 5311.0, 5304.0, 5432.0, 5473.0, 5624.0, 5259.0, 5701.0, 5524.0, 5429.0, 5611.0, 5255.0, 5583.0, 5666.0, 5405.0, 5264.0, 5375.0, 5332.0, 5379.0, 5471.0, 5412.0, 5493.0, 5351.0, 5635.0, 5258.0, 5585.0, 5339.0, 5452.0, 5537.0 (number of hits: 6)
19	5260	9	1	333	1	5440.0, 5608.0, 5462.0, 5404.0, 5449.0, 5347.0, 5258.0, 5576.0, 5519.0, 5466.0, 5266.0, 5381.0, 5675.0, 5610.0, 5623.0, 5306.0, 5270.0, 5602.0, 5475.0, 5265.0, 5521.0, 5413.0, 5363.0, 5278.0, 5421.0, 5339.0, 5386.0, 5360.0, 5273.0, 5508.0, 5561.0, 5461.0, 5549.0, 5493.0, 5589.0, 5332.0, 5559.0, 5257.0, 5514.0, 5456.0, 5629.0, 5312.0, 5605.0, 5577.0, 5667.0, 5441.0, 5564.0, 5311.0, 5588.0, 5293.0, 5303.0, 5642.0, 5256.0, 5442.0, 5597.0, 5528.0, 5585.0, 5328.0, 5541.0, 5719.0, 5487.0, 5607.0, 5368.0, 5401.0, 5405.0, 5343.0, 5624.0, 5335.0, 5314.0, 5446.0, 5482.0, 5352.0, 5269.0, 5579.0, 5520.0, 5330.0, 5600.0, 5661.0, 5336.0, 5686.0, 5560.0, 5262.0, 5653.0, 5665.0, 5530.0, 5484.0, 5664.0, 5419.0, 5376.0, 5261.0, 5398.0, 5383.0, 5513.0, 5284.0, 5350.0, 5511.0, 5470.0, 5550.0, 5455.0, 5527.0 (number of hits: 8)
20	5260	9	1	333	1	5714.0, 5276.0, 5627.0, 5395.0, 5294.0, 5345.0, 5577.0, 5304.0, 5431.0, 5287.0, 5654.0, 5469.0, 5445.0, 5563.0, 5508.0, 5470.0, 5702.0, 5465.0, 5604.0, 5321.0, 5497.0, 5608.0, 5674.0, 5554.0, 5478.0, 5569.0, 5541.0, 5612.0, 5647.0, 5396.0, 5454.0, 5501.0, 5644.0, 5566.0, 5716.0, 5293.0, 5393.0, 5537.0, 5346.0, 5520.0, 5466.0, 5666.0, 5377.0, 5584.0, 5317.0, 5309.0, 5274.0, 5433.0, 5543.0, 5580.0, 5700.0, 5698.0, 5547.0, 5538.0, 5696.0, 5405.0, 5600.0, 5267.0, 5598.0, 5502.0, 5350.0, 5288.0, 5720.0, 5460.0, 5500.0, 5333.0, 5256.0, 5665.0, 5438.0, 5370.0, 5676.0, 5646.0, 5342.0, 5398.0, 5489.0, 5354.0, 5581.0, 5408.0, 5323.0, 5483.0, 5670.0, 5271.0, 5251.0, 5440.0, 5684.0, 5255.0, 5673.0, 5456.0, 5368.0, 5423.0, 5724.0, 5544.0, 5315.0, 5517.0, 5286.0, 5343.0, 5611.0, 5576.0, 5626.0, 5298.0 (number of hits: 4)
21	5260	9	1	333	1	5661.0, 5665.0, 5626.0, 5460.0, 5423.0, 5464.0, 5265.0, 5539.0, 5389.0, 5541.0, 5518.0, 5598.0, 5351.0, 5380.0, 5439.0, 5456.0, 5382.0, 5686.0, 5393.0, 5641.0, 5586.0, 5488.0, 5659.0, 5388.0, 5640.0, 5625.0, 5458.0, 5291.0, 5580.0, 5258.0, 5683.0, 5638.0, 5427.0, 5448.0, 5260.0, 5516.0, 5691.0, 5320.0, 5455.0, 5596.0,

						5270.0, 5540.0, 5267.0, 5669.0, 5484.0, 5262.0, 5414.0, 5630.0, 5392.0, 5538.0, 5373.0, 5590.0, 5298.0, 5368.0, 5522.0, 5520.0, 5350.0, 5653.0, 5264.0, 5647.0, 5620.0, 5257.0, 5483.0, 5452.0, 5480.0, 5346.0, 5394.0, 5294.0, 5292.0, 5299.0, 5417.0, 5690.0, 5664.0, 5530.0, 5325.0, 5314.0, 5470.0, 5309.0, 5352.0, 5433.0, 5705.0, 5401.0, 5554.0, 5709.0, 5606.0, 5666.0, 5552.0, 5511.0, 5679.0, 5340.0, 5331.0, 5655.0, 5551.0, 5525.0, 5708.0, 5282.0, 5413.0, 5555.0, 5717.0, 5501.0 (number of hits: 7)
22	5260	9	1	333	1	5538.0, 5304.0, 5544.0, 5416.0, 5433.0, 5283.0, 5557.0, 5513.0, 5530.0, 5494.0, 5526.0, 5365.0, 5323.0, 5690.0, 5473.0, 5357.0, 5265.0, 5405.0, 5384.0, 5518.0, 5581.0, 5673.0, 5575.0, 5306.0, 5571.0, 5510.0, 5625.0, 5584.0, 5676.0, 5373.0, 5447.0, 5297.0, 5412.0, 5394.0, 5717.0, 5290.0, 5499.0, 5607.0, 5481.0, 5469.0, 5366.0, 5672.0, 5491.0, 5589.0, 5577.0, 5480.0, 5409.0, 5681.0, 5345.0, 5452.0, 5668.0, 5277.0, 5465.0, 5565.0, 5397.0, 5653.0, 5603.0, 5425.0, 5268.0, 5461.0, 5346.0, 5270.0, 5301.0, 5556.0, 5714.0, 5324.0, 5321.0, 5482.0, 5358.0, 5723.0, 5610.0, 5685.0, 5376.0, 5539.0, 5528.0, 5718.0, 5251.0, 5641.0, 5332.0, 5291.0, 5372.0, 5626.0, 5371.0, 5558.0, 5484.0, 5429.0, 5488.0, 5602.0, 5532.0, 5309.0, 5485.0, 5497.0, 5454.0, 5692.0, 5396.0, 5391.0, 5312.0, 5468.0, 5377.0, 5305.0 (number of hits: 3)
23	5260	9	1	333	1	5697.0, 5522.0, 5568.0, 5552.0, 5300.0, 5618.0, 5383.0, 5716.0, 5364.0, 5573.0, 5257.0, 5280.0, 5449.0, 5593.0, 5342.0, 5255.0, 5505.0, 5304.0, 5640.0, 5336.0, 5556.0, 5644.0, 5273.0, 5335.0, 5411.0, 5547.0, 5256.0, 5403.0, 5450.0, 5623.0, 5587.0, 5363.0, 5589.0, 5504.0, 5598.0, 5350.0, 5721.0, 5580.0, 5474.0, 5438.0, 5276.0, 5520.0, 5376.0, 5465.0, 5277.0, 5718.0, 5657.0, 5352.0, 5328.0, 5317.0, 5358.0, 5452.0, 5423.0, 5312.0, 5306.0, 5689.0, 5622.0, 5309.0, 5294.0, 5379.0, 5343.0, 5722.0, 5582.0, 5706.0, 5302.0, 5464.0, 5585.0, 5475.0, 5528.0, 5253.0, 5643.0, 5565.0, 5579.0, 5441.0, 5648.0, 5448.0, 5708.0, 5637.0, 5289.0, 5353.0, 5513.0, 5534.0, 5611.0, 5672.0, 5442.0, 5326.0, 5567.0, 5340.0, 5468.0, 5538.0, 5432.0, 5408.0, 5373.0, 5435.0, 5702.0, 5387.0, 5656.0, 5313.0, 5493.0, 5604.0 (number of hits: 4)
24	5260	9	1	333	1	5400.0, 5302.0, 5703.0, 5629.0, 5560.0, 5459.0, 5471.0, 5495.0, 5274.0, 5497.0, 5326.0, 5723.0, 5581.0, 5383.0, 5474.0, 5465.0, 5531.0, 5485.0, 5323.0, 5481.0,

						5530.0, 5706.0, 5300.0, 5720.0, 5699.0, 5377.0, 5264.0, 5376.0, 5595.0, 5643.0, 5311.0, 5388.0, 5553.0, 5700.0, 5502.0, 5373.0, 5651.0, 5466.0, 5467.0, 5454.0, 5488.0, 5315.0, 5609.0, 5483.0, 5457.0, 5540.0, 5475.0, 5452.0, 5506.0, 5303.0, 5370.0, 5335.0, 5677.0, 5392.0, 5382.0, 5503.0, 5325.0, 5673.0, 5265.0, 5275.0, 5717.0, 5426.0, 5676.0, 5617.0, 5721.0, 5445.0, 5269.0, 5353.0, 5562.0, 5339.0, 5521.0, 5645.0, 5256.0, 5297.0, 5283.0, 5351.0, 5583.0, 5393.0, 5267.0, 5719.0, 5546.0, 5544.0, 5343.0, 5272.0, 5666.0, 5668.0, 5355.0, 5334.0, 5341.0, 5604.0, 5606.0, 5369.0, 5349.0, 5453.0, 5679.0, 5356.0, 5399.0, 5301.0, 5421.0, 5688.0 (number of hits: 5)
25	5260	9	1	333	1	5258.0, 5357.0, 5520.0, 5272.0, 5481.0, 5310.0, 5629.0, 5261.0, 5406.0, 5595.0, 5562.0, 5394.0, 5706.0, 5555.0, 5542.0, 5450.0, 5598.0, 5508.0, 5579.0, 5513.0, 5683.0, 5531.0, 5271.0, 5430.0, 5528.0, 5609.0, 5686.0, 5488.0, 5714.0, 5667.0, 5501.0, 5418.0, 5639.0, 5276.0, 5461.0, 5668.0, 5669.0, 5717.0, 5471.0, 5328.0, 5646.0, 5636.0, 5374.0, 5564.0, 5444.0, 5320.0, 5632.0, 5576.0, 5682.0, 5379.0, 5399.0, 5322.0, 5378.0, 5620.0, 5263.0, 5584.0, 5316.0, 5718.0, 5298.0, 5283.0, 5546.0, 5334.0, 5411.0, 5548.0, 5708.0, 5553.0, 5664.0, 5373.0, 5417.0, 5424.0, 5479.0, 5295.0, 5382.0, 5291.0, 5677.0, 5460.0, 5375.0, 5687.0, 5390.0, 5505.0, 5426.0, 5447.0, 5631.0, 5306.0, 5600.0, 5697.0, 5464.0, 5387.0, 5414.0, 5607.0, 5255.0, 5517.0, 5467.0, 5405.0, 5433.0, 5650.0, 5294.0, 5313.0, 5346.0, 5539.0 (number of hits: 4)
26	5260	9	1	333	1	5704.0, 5531.0, 5687.0, 5427.0, 5550.0, 5448.0, 5595.0, 5691.0, 5470.0, 5521.0, 5460.0, 5638.0, 5535.0, 5625.0, 5636.0, 5721.0, 5260.0, 5351.0, 5602.0, 5660.0, 5268.0, 5367.0, 5322.0, 5674.0, 5431.0, 5251.0, 5543.0, 5566.0, 5274.0, 5441.0, 5305.0, 5528.0, 5409.0, 5555.0, 5362.0, 5479.0, 5252.0, 5262.0, 5424.0, 5615.0, 5283.0, 5533.0, 5496.0, 5592.0, 5666.0, 5616.0, 5263.0, 5400.0, 5401.0, 5390.0, 5357.0, 5255.0, 5392.0, 5495.0, 5465.0, 5474.0, 5683.0, 5584.0, 5702.0, 5557.0, 5526.0, 5304.0, 5483.0, 5336.0, 5582.0, 5318.0, 5513.0, 5568.0, 5391.0, 5631.0, 5506.0, 5395.0, 5381.0, 5576.0, 5253.0, 5658.0, 5325.0, 5415.0, 5405.0, 5663.0, 5472.0, 5676.0, 5309.0, 5454.0, 5261.0, 5387.0, 5306.0, 5681.0, 5500.0, 5642.0, 5382.0, 5519.0, 5462.0, 5317.0, 5551.0, 5546.0, 5294.0, 5675.0, 5593.0, 5299.0 (number of hits: 9)

27	5260	9	1	333	0	-
28	5260	9	1	333	1	5337.0, 5632.0, 5506.0, 5619.0, 5273.0, 5311.0, 5677.0, 5601.0, 5386.0, 5327.0, 5682.0, 5353.0, 5374.0, 5438.0, 5267.0, 5678.0, 5408.0, 5517.0, 5673.0, 5644.0, 5620.0, 5528.0, 5415.0, 5537.0, 5480.0, 5315.0, 5683.0, 5387.0, 5394.0, 5626.0, 5290.0, 5347.0, 5344.0, 5332.0, 5712.0, 5358.0, 5294.0, 5647.0, 5354.0, 5296.0, 5514.0, 5703.0, 5486.0, 5670.0, 5688.0, 5610.0, 5373.0, 5482.0, 5329.0, 5305.0, 5497.0, 5573.0, 5585.0, 5658.0, 5519.0, 5531.0, 5501.0, 5653.0, 5614.0, 5616.0, 5723.0, 5474.0, 5310.0, 5340.0, 5264.0, 5555.0, 5530.0, 5500.0, 5270.0, 5593.0, 5317.0, 5596.0, 5275.0, 5711.0, 5543.0, 5299.0, 5654.0, 5498.0, 5586.0, 5371.0, 5429.0, 5635.0, 5621.0, 5316.0, 5432.0, 5556.0, 5558.0, 5401.0, 5445.0, 5636.0, 5684.0, 5287.0, 5535.0, 5433.0, 5552.0, 5357.0, 5513.0, 5424.0, 5716.0, 5560.0 (number of hits: 2)
29	5260	9	1	333	1	5630.0, 5415.0, 5451.0, 5283.0, 5322.0, 5587.0, 5353.0, 5638.0, 5504.0, 5428.0, 5558.0, 5369.0, 5422.0, 5275.0, 5699.0, 5430.0, 5501.0, 5592.0, 5629.0, 5678.0, 5470.0, 5414.0, 5718.0, 5704.0, 5457.0, 5684.0, 5577.0, 5605.0, 5553.0, 5435.0, 5683.0, 5574.0, 5666.0, 5506.0, 5541.0, 5719.0, 5511.0, 5542.0, 5545.0, 5367.0, 5710.0, 5669.0, 5326.0, 5524.0, 5479.0, 5633.0, 5482.0, 5509.0, 5291.0, 5363.0, 5567.0, 5340.0, 5431.0, 5453.0, 5721.0, 5327.0, 5686.0, 5507.0, 5582.0, 5609.0, 5397.0, 5543.0, 5368.0, 5438.0, 5293.0, 5586.0, 5628.0, 5346.0, 5554.0, 5484.0, 5571.0, 5607.0, 5355.0, 5375.0, 5421.0, 5267.0, 5563.0, 5472.0, 5302.0, 5516.0, 5349.0, 5497.0, 5659.0, 5594.0, 5404.0, 5344.0, 5356.0, 5262.0, 5320.0, 5619.0, 5331.0, 5358.0, 5534.0, 5717.0, 5652.0, 5292.0, 5616.0, 5352.0, 5647.0, 5440.0 (number of hits: 2)
30	5260	9	1	333	1	5453.0, 5364.0, 5267.0, 5284.0, 5265.0, 5363.0, 5297.0, 5339.0, 5705.0, 5604.0, 5643.0, 5523.0, 5592.0, 5517.0, 5485.0, 5506.0, 5520.0, 5500.0, 5354.0, 5285.0, 5597.0, 5634.0, 5623.0, 5656.0, 5620.0, 5371.0, 5338.0, 5361.0, 5532.0, 5424.0, 5439.0, 5370.0, 5334.0, 5658.0, 5513.0, 5535.0, 5610.0, 5365.0, 5670.0, 5631.0, 5420.0, 5473.0, 5580.0, 5377.0, 5593.0, 5691.0, 5451.0, 5543.0, 5411.0, 5367.0, 5360.0, 5486.0, 5537.0, 5345.0, 5515.0, 5448.0, 5542.0, 5713.0, 5563.0, 5381.0, 5689.0, 5492.0, 5622.0, 5628.0, 5626.0, 5274.0, 5458.0, 5276.0, 5440.0, 5679.0, 5369.0, 5697.0, 5260.0, 5499.0, 5346.0, 5372.0, 5558.0, 5490.0, 5321.0, 5308.0,

						5275.0, 5495.0, 5616.0, 5608.0, 5461.0, 5491.0, 5696.0, 5467.0, 5612.0, 5329.0, 5576.0, 5255.0, 5283.0, 5298.0, 5712.0, 5281.0, 5388.0, 5581.0, 5714.0, 5551.0 (number of hits: 4)

5270 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	93.3 %	60%	Pass
Type 4	30	80 %	60%	Pass
Aggregate (Type1 to 4)	120	93.33 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5270 MHz, 40 MHz Bandwidth

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	86	1.0	618	1
2	5270	76	1.0	698	1
3	5270	95	1.0	558	1
4	5270	92	1.0	578	1
5	5270	18	1.0	3066	1
6	5270	99	1.0	538	1
7	5270	78	1.0	678	1
8	5270	58	1.0	918	1
9	5270	65	1.0	818	1
10	5270	68	1.0	778	1
11	5270	89	1.0	598	1
12	5270	81	1.0	658	1
13	5270	70	1.0	758	1
14	5270	102	1.0	518	1
15	5270	61	1.0	878	1
16	5270	26	1.0	2067	1
17	5270	20	1.0	2773	1
18	5270	20	1.0	2710	1
19	5270	19	1.0	2856	1
20	5270	24	1.0	2217	1
21	5270	25	1.0	2185	1
22	5270	23	1.0	2379	1
23	5270	94	1.0	565	1
24	5270	24	1.0	2288	1
25	5270	21	1.0	2572	1
26	5270	69	1.0	768	1
27	5270	24	1.0	2278	1
28	5270	18	1.0	2939	1
29	5270	49	1.0	1097	1
30	5270	30	1.0	1778	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	27	5.0	180	1
2	5270	26	1.0	215	1
3	5270	26	3.9	177	1
4	5270	29	2.8	199	1
5	5270	24	1.6	177	1
6	5270	23	2.0	222	1
7	5270	23	3.5	202	1
8	5270	29	1.6	154	1
9	5270	23	2.7	184	1
10	5270	29	2.4	162	1
11	5270	26	2.0	191	1
12	5270	23	1.0	176	1
13	5270	28	3.1	187	1
14	5270	27	4.5	166	1
15	5270	29	1.9	192	1
16	5270	29	3.4	165	1
17	5270	28	4.7	226	1
18	5270	26	2.4	207	1
19	5270	29	3.7	173	1
20	5270	27	4.6	202	1
21	5270	23	3.8	157	1
22	5270	27	4.0	167	1
23	5270	26	1.7	203	1
24	5270	28	2.4	166	1
25	5270	26	4.0	173	1
26	5270	29	3.4	192	1
27	5270	29	3.9	171	1
28	5270	28	3.3	202	1
29	5270	29	2.5	228	1
30	5270	28	1.7	195	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	18	7.0	227	1
2	5270	18	7.1	276	1
3	5270	17	9.0	243	1
4	5270	18	6.7	202	0
5	5270	16	8.3	272	1
6	5270	16	6.8	387	1
7	5270	17	6.0	308	1
8	5270	18	8.4	485	1
9	5270	18	9.0	340	1
10	5270	18	7.9	445	1
11	5270	16	9.2	276	1
12	5270	17	7.8	376	1
13	5270	18	9.8	424	1
14	5270	18	9.5	319	1
15	5270	17	9.6	362	1
16	5270	17	9.0	484	1
17	5270	16	7.2	288	1
18	5270	18	6.9	336	1
19	5270	18	7.1	259	1
20	5270	18	8.0	306	1
21	5270	16	7.4	352	1
22	5270	18	8.8	446	1
23	5270	18	6.3	265	1
24	5270	17	9.5	221	0
25	5270	18	8.0	409	1
26	5270	17	9.4	229	1
27	5270	16	10.0	256	1
28	5270	18	9.8	448	1
29	5270	16	6.1	500	1
30	5270	16	6.3	319	1
Detection Percentage: 93.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	14	19.1	466	1
2	5270	13	19.4	219	1
3	5270	14	14.4	479	0
4	5270	15	14.0	462	1
5	5270	15	19.7	323	1
6	5270	13	13.8	391	1
7	5270	16	19.2	360	1
8	5270	12	16.0	482	0
9	5270	14	14.6	465	0
10	5270	12	11.9	297	1
11	5270	13	16.0	339	1
12	5270	15	18.7	286	1
13	5270	12	19.5	320	1
14	5270	15	16.1	215	0
15	5270	15	19.4	432	1
16	5270	16	19.2	401	1
17	5270	13	13.2	290	1
18	5270	15	12.2	388	1
19	5270	13	11.8	493	1
20	5270	15	11.7	410	1
21	5270	12	14.1	262	1
22	5270	13	13.1	335	1
23	5270	16	15.3	430	1
24	5270	14	16.6	491	0
25	5270	16	12.7	460	1
26	5270	12	18.5	355	0
27	5270	13	14.1	455	1
28	5270	14	15.1	467	1
29	5270	13	15.4	349	1
30	5270	16	18.9	438	1
Detection Percentage: 80 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5270	1
2	5270	1
3	5270	1
4	5270	1
5	5270	1
6	5270	1
7	5270	1
8	5270	1
9	5270	1
10	5270	1
11	5257.5	1
12	5256.3	1
13	5259.5	1
14	5258.3	1
15	5257.1	1
16	5255.5	1
17	5256.7	1
18	5255.1	1
19	5256.7	1
20	5259.1	1
21	5287.6	1
22	5284.4	1
23	5284.8	1
24	5286.0	1
25	5288.0	1
26	5288.0	1
27	5284.0	1
28	5287.6	1
29	5287.6	1
30	5282.4	1
Detection Percentage: 100 % (>80%)		

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	95	1887		0.070878	
1	2	12	67.8	1637		1.805265	
2	3	12	85.3	1163	1622	3.683873	
3	3	12	54.2	1033	1578	5.165157	
4	1	12	96.8			6.612953	1
5	2	12	68.2	1399		7.242446	
6	2	12	89.6	1997		8.693507	
7	2	12	99.8	1152		10.08684	
8	3	12	61.7	1084	1843	10.77363	

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	14	98.5	1256	1853	1.077746	
1	2	14	82.7	1747		2.183915	
2	1	14	97.8			3.187165	
3	2	14	61.5	1453		4.809023	
4	2	14	62.6	1434		6.183922	1
5	3	14	84.5	1747	1184	7.458055	
6	2	14	99.4	1376		8.869569	
7	1	14	99.4			10.503026	
8	2	14	53.4	1588		10.750237	

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	9	51.6	1845		0.411515	
1	2	9	83.1	1830		1.11037	
2	1	9	93.8			2.122981	
3	3	9	73.6	1504	1545	2.524726	
4	2	9	63.5	1971		3.400697	
5	3	9	97.8	1210	1371	4.063129	
6	2	9	97.6	1608		5.580644	
7	3	9	59.6	1199	1845	6.036173	1
8	2	9	61.3	1862		6.557269	
9	1	9	77.9			7.897872	
10	1	9	95.1			8.316035	
11	3	9	67.8	1771	1611	9.496575	
12	1	9	67.9			10.163892	
13	1	9	84			10.735266	
14	2	9	94	1729		11.588316	

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	3	6	83.6	1986	1368	0.589433	
1	2	6	97.8	1890		0.907284	
2	1	6	58.3			1.712131	
3	2	6	51.1	1057		2.372049	
4	3	6	91.6	1879	1545	3.361186	
5	3	6	57	1180	1819	4.43455	
6	2	6	99.5	1635		4.752874	
7	2	6	90.7	1010		5.891206	
8	2	6	58.3	1269		6.177759	1
9	2	6	60.2	1195		7.327072	
10	1	6	52.3			7.825133	
11	3	6	76.9	1202	1523	8.461479	
12	1	6	73.5			9.649136	
13	2	6	57.4	1725		10.182594	
14	2	6	71.8	1050		11.195925	
15	2	6	70.4	1945		11.449697	

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	7	89.5			0.261652	1
1	1	7	86.6			1.15457	
2	2	7	80.3	1444		1.331144	
3	3	7	75	1854	1123	2.29026	
4	1	7	61.5			2.983231	
5	2	7	79.8	1833		3.455637	
6	2	7	97.9	1920		3.648439	
7	2	7	64.1	1944		4.534674	
8	2	7	75	1288		5.016957	
9	2	7	60.9	1724		5.698802	
10	2	7	56.3	1063		6.284686	
11	2	7	51	1602		7.074427	
12	2	7	71	1748		7.494039	
13	1	7	59.2			8.142636	
14	2	7	56.6	1611		8.804823	
15	3	7	75	1898	1057	9.571485	
16	3	7	50.4	1537	1890	10.10467	
17	1	7	69.3			10.580969	
18	3	7	76.1	1560	1957	10.859908	
19	1	7	67.4			11.436187	

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	8	52.2			0.444613	1
1	1	8	69.9			1.211858	
2	3	8	99.9	1631	1099	2.549828	
3	2	8	61.6	1657		2.82898	
4	2	8	87.1	1306		3.975093	
5	2	8	95.2	1313		4.88441	
6	3	8	71.3	1713	1178	5.646082	
7	1	8	54.1			6.334704	
8	2	8	60.9	1171		7.708814	
9	1	8	83.8			8.279764	
10	3	8	53.5	1055	1541	9.133835	
11	1	8	89.3			9.724047	
12	1	8	52.9			10.499127	
13	1	8	65.8			11.223905	

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	3	12	74.9	1354	1381	0.463233	1
1	2	12	90.3	1737		0.72422	
2	2	12	56.1	1069		1.444142	
3	3	12	56.9	1494	1044	2.207508	
4	2	12	56.9	1327		3.193506	
5	2	12	68.4	1994		3.724518	
6	2	12	74.2	1472		4.730059	
7	2	12	70.7	1382		4.980229	
8	2	12	53.7	1770		6.068587	
9	2	12	69.8	1357		6.630539	
10	2	12	52.1	1310		7.546572	
11	2	12	89.3	1302		8.026716	
12	2	12	73.9	1625		8.59194	
13	2	12	66.4	1454		9.771214	
14	1	12	81.1			10.477163	
15	1	12	57.4			10.858655	
16	2	12	63.7	1263		11.427937	

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	12	55.8	1828		1.110363	1
1	2	12	63.6	1616		2.380372	
2	3	12	51.8	1767	1853	3.117629	
3	2	12	81.1	1064		4.006462	
4	2	12	58.8	1531		5.782712	
5	1	12	54.2			6.535319	
6	1	12	61.6			7.276417	
7	3	12	66.4	1007	1803	8.873174	
8	3	12	69.9	1123	1425	9.916466	
9	2	12	63.1	1534		10.887109	

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	13	89.6			0.518661	1
1	3	13	56	1993	1581	1.469314	
2	3	13	89.9	1481	1762	1.840304	
3	3	13	62.5	1678	1226	2.610558	
4	2	13	97	1970		3.332014	
5	2	13	57.3	1633		4.607958	
6	1	13	98.9			5.593603	
7	2	13	59.3	1548		6.232916	
8	2	13	86.8	1800		7.139002	
9	2	13	57.9	1335		7.247265	
10	2	13	72.2	1960		8.150188	
11	3	13	76.4	1693	1856	9.064893	
12	2	13	83.7	1433		9.62521	
13	2	13	84.1	1215		10.91817	
14	2	13	50.2	1101		11.979729	

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	5	69.6			0.323314	
1	3	5	51.9	1385	1908	1.397636	
2	2	5	90.9	1057		2.232227	
3	1	5	63.9			2.972561	
4	3	5	62.9	1800	1336	3.215993	
5	2	5	52.6	1335		4.550901	
6	2	5	59.7	1122		4.971736	
7	3	5	61	1416	1921	6.325658	1
8	2	5	71.8	1180		7.045461	
9	2	5	61.9	1393		7.601777	
10	2	5	71.5	1355		8.101459	
11	2	5	64.5	1264		9.35875	
12	2	5	78.2	1590		10.017452	
13	1	5	75.6			10.476147	
14	3	5	54.1	1997	1618	11.208704	

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	15	75.5	1815		0.111996	1
1	2	15	69.2	1791		1.05105	
2	2	15	58.9	1780		1.374014	
3	3	15	58.6	1657	1183	2.003708	
4	2	15	94.8	1487		2.634006	
5	2	15	50.6	1825		3.380286	
6	1	15	55.8			3.654471	
7	1	15	96			4.46447	
8	1	15	73.8			5.152127	
9	2	15	64	1951		5.568551	
10	1	15	66.4			6.579151	
11	2	15	93.5	1521		7.067245	
12	2	15	65.7	1307		7.654812	
13	2	15	67.1	1624		8.383828	
14	1	15	90.8			8.887287	
15	2	15	95.8	1128		9.072453	
16	2	15	90.7	1058		10.108209	
17	2	15	55.8	1422		10.744101	
18	2	15	83.6	1610		10.89382	
19	3	15	63.9	1729	1360	11.912525	

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	12	75.1	1452	1167	0.321516	1
1	2	12	95.2	1491		1.256996	
2	2	12	53.4	1247		1.832368	
3	1	12	50.6			2.37526	
4	2	12	87.1	1556		3.70459	
5	2	12	69.7	1812		4.089827	
6	1	12	64			4.576685	
7	3	12	59.9	1302	1649	5.578844	
8	2	12	75.4	1320		6.319601	
9	1	12	54.6			7.15738	
10	3	12	69.8	1337	1853	7.650654	
11	2	12	99.3	1650		8.564531	
12	1	12	87.5			9.094042	
13	1	12	58.8			10.461592	
14	1	12	65.3			10.855427	
15	3	12	98.5	1806	1051	11.379476	

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	20	61.4			0.812694	1
1	2	20	79.7	1566		1.28341	
2	2	20	90.3	1439		3.479051	
3	3	20	60.1	1061	1989	3.639548	
4	2	20	95.5	1167		5.241717	
5	2	20	67.4	1823		7.062363	
6	2	20	96.9	1769		7.697806	
7	2	20	64	1806		8.593002	
8	3	20	56.3	1008	1932	9.840871	
9	2	20	73.2	1812		11.964924	

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	17	94.2	1383		0.557145	
1	1	17	94.4			1.069159	
2	1	17	87.8			1.779615	
3	2	17	88.8	1344		2.417338	
4	1	17	66.8			3.108455	
5	1	17	89.1			3.749034	
6	3	17	85.6	1940	1309	4.39995	
7	3	17	99.4	1965	1047	5.504063	
8	1	17	62.6			5.726478	1
9	1	17	83.7			7.00486	
10	1	17	92.5			7.344252	
11	3	17	50.3	1714	1315	7.976285	
12	2	17	82.9	1984		8.932481	
13	3	17	55.8	1433	1905	9.460897	
14	2	17	91.8	1725		10.053268	
15	2	17	73.9	1016		11.043958	
16	3	17	63.9	1861	1563	11.992777	

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	1	14	80.7			0.23728	
1	2	14	52.4	1756		1.040152	
2	2	14	97	1017		1.808746	
3	3	14	80.9	1339	1698	2.338541	
4	1	14	97.3			3.040343	
5	2	14	81.6	1711		3.927382	
6	2	14	70.9	1837		4.73752	
7	2	14	80.3	1826		5.46287	
8	2	14	97.3	1035		5.926352	1
9	3	14	61	1919	1583	6.698916	
10	2	14	61.4	1629		7.221734	
11	2	14	68.8	1951		7.839646	
12	2	14	66.3	1128		8.576788	
13	2	14	82.3	1295		9.77879	
14	2	14	68.3	1543		10.550567	
15	2	14	92.6	1074		11.165048	
16	2	14	76	1959		11.565779	

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	2	10	68.6	1613		0.430431	1
1	2	10	83.8	1414		1.004245	
2	1	10	60.5			1.895599	
3	2	10	74.1	1483		2.210454	
4	2	10	83.7	1421		3.321478	
5	1	10	55.7			3.646054	
6	1	10	72.2			4.146661	
7	2	10	71.4	1774		5.324022	
8	3	10	58.6	1680	1206	5.487524	
9	2	10	78.1	1632		6.492018	
10	1	10	64.8			7.074597	
11	1	10	86.5			7.449625	
12	2	10	86	1495		8.207551	
13	1	10	64.2			8.714846	
14	3	10	65.8	1099	1332	9.520924	
15	2	10	68.2	1032		10.364931	
16	2	10	74	1569		11.105169	
17	3	10	79.2	1212	1539	11.393535	

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	13	52.9	1729		0.11823	
1	2	13	82.3	1428		0.923154	
2	3	13	83.8	1662	1058	1.510188	
3	1	13	62.9			2.464112	
4	1	13	57.9			3.396219	
5	1	13	77			4.037914	
6	2	13	62.7	1036		4.605767	
7	2	13	96.6	1801		5.308951	
8	1	13	68.3			5.982981	1
9	3	13	86.8	1939	1489	7.042432	
10	1	13	61.9			7.389039	
11	3	13	99.4	1294	1757	8.087492	
12	1	13	89.1			8.964423	
13	2	13	59.4	1986		9.463662	
14	3	13	69.6	1976	1262	10.21974	
15	1	13	92.1			10.820342	
16	1	13	91.5			11.376143	

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	3	9	83.4	1860	1347	0.081105	
1	2	9	56.1	1619		2.111643	
2	2	9	81.1	1351		2.734355	
3	2	9	52.2	1864		3.27532	
4	2	9	80.9	1860		4.582718	
5	2	9	87.2	1400		5.946278	1
6	2	9	88.1	1129		6.885748	
7	3	9	61.6	1638	1481	8.509242	
8	3	9	92	1354	1125	9.004456	
9	3	9	92.7	1347	1993	10.320744	
10	3	9	94	1761	1637	11.897088	

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	67	1276		0.722958	
1	2	13	50	1308		0.884009	
2	2	13	83.5	1709		1.757988	
3	2	13	94.1	1016		2.882661	
4	2	13	61.8	1191		3.978497	
5	1	13	51.6			4.290297	
6	3	13	76.5	1959	1873	5.107857	
7	2	13	85.9	1827		5.633632	1
8	2	13	63.6	1587		6.698641	
9	3	13	51.5	1482	1174	7.715219	
10	2	13	71.6	1052		8.037914	
11	2	13	89.2	1223		9.514811	
12	2	13	91.5	1527		9.833614	
13	2	13	75	1779		10.920204	
14	2	13	63.6	1846		11.786082	

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	19	87.1	1568		0.356305	
1	1	19	77			1.543016	
2	1	19	68.3			2.767327	
3	3	19	89	1924	1221	4.33141	
4	3	19	94.4	1729	1822	4.877384	
5	2	19	85.2	1718		7.066857	1
6	3	19	67.6	1583	1986	8.053122	
7	2	19	90.5	1233		8.84762	
8	2	19	89.5	1486		10.55779	
9	2	19	84.5	1245		11.863247	

Bin5 Statistics 21

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	96.7	1440	1610	0.066213	1
1	2	6	84.3	1959		1.207145	
2	3	6	73.3	1326	1778	1.530619	
3	2	6	68.8	1920		2.280848	
4	3	6	66.6	1379	1676	3.167259	
5	2	6	89.1	1557		4.04541	
6	2	6	57.4	1982		4.94871	
7	2	6	52.3	1977		5.556942	
8	2	6	51.8	1424		6.143073	
9	1	6	83.6			6.810375	
10	2	6	76	1454		8.131296	
11	2	6	80.5	1603		8.982721	
12	2	6	80.4	1457		9.289241	
13	1	6	72.7			9.96092	
14	1	6	96.3			10.756314	
15	3	6	88	1497	1608	11.844876	

Bin5 Statistics 22

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	64.4	1989		0.867531	1
1	2	14	86.2	1663		1.92853	
2	1	14	54.6			3.081924	
3	2	14	89.5	1659		3.836308	
4	3	14	76.6	1710	1431	4.617743	
5	3	14	66	1821	1884	5.732145	
6	3	14	58.7	1416	1989	6.864234	
7	3	14	84.9	1571	1752	7.936728	
8	3	14	80.4	1476	1281	8.780027	
9	3	14	54.7	1215	1019	10.303054	
10	1	14	67.7			10.972063	

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	13	74.8			0.472013	1
1	3	13	82.7	1822	1207	0.954358	
2	2	13	59.7	1772		1.499926	
3	1	13	60.3			2.257522	
4	2	13	79.8	1850		2.714054	
5	2	13	87	1753		3.111042	
6	2	13	75.9	1176		4.02425	
7	1	13	94.9			4.491506	
8	1	13	76.6			5.212472	
9	3	13	76.4	1050	1345	5.524033	
10	2	13	87.9	1302		6.309637	
11	2	13	52.2	1710		6.665786	
12	3	13	71	1186	1610	7.587006	
13	1	13	59			8.224367	
14	2	13	74.1	1999		8.750829	
15	1	13	92.9			9.358208	
16	1	13	55.1			9.646895	
17	2	13	65.6	1773		10.351802	
18	2	13	88.6	1803		10.80886	
19	2	13	73.1	1269		11.851078	

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	10	61.9	1204	1936	0.474236	1
1	1	10	83.1			1.686935	
2	2	10	60.7	1497		1.811469	
3	1	10	84.1			3.013901	
4	3	10	92.8	1953	1987	3.48724	
5	1	10	73.3			4.409986	
6	2	10	90.1	1892		5.781345	
7	1	10	51.8			6.593466	
8	2	10	60.2	1739		7.018314	
9	2	10	90.4	1270		8.50023	
10	1	10	67.5			9.321498	
11	1	10	79.7			10.243982	
12	2	10	52	1524		11.011239	
13	2	10	99.4	1998		11.381787	

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	5	78.3	1347		0.374938	
1	3	5	90.3	1247	1477	1.122573	
2	2	5	55	1966		2.050301	
3	2	5	63.7	1863		2.652545	
4	1	5	77			3.134763	
5	3	5	63.9	1560	1470	3.821432	
6	1	5	52.7			4.623471	
7	3	5	58.1	1791	1532	5.167889	
8	1	5	93.2			6.286146	1
9	2	5	50.2	1926		6.570262	
10	2	5	73.3	1146		7.567157	
11	3	5	97.6	1109	1711	7.994565	
12	2	5	80.7	1178		9.171134	
13	2	5	71.4	1994		9.85264	
14	3	5	65.1	1853	1575	10.168041	
15	2	5	87.9	1268		11.253488	
16	2	5	81.9	1251		11.327587	

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	5	75.2	1765	1808	0.199188	
1	3	5	61.5	1460	1327	1.236103	
2	2	5	81.3	1512		2.919717	
3	2	5	68.4	1538		4.484455	
4	2	5	76.8	1253		5.055461	
5	3	5	71.5	1144	1867	6.386126	1
6	3	5	91.9	1923	1743	7.874016	
7	3	5	56.7	1071	1628	9.412351	
8	2	5	73	1073		9.709025	
9	3	5	98.7	1303	1743	11.859029	

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	15	96.7	1934		0.235974	
1	1	15	81.6			0.808002	
2	1	15	56			1.279752	
3	3	15	88.4	1022	1614	2.42976	
4	1	15	89.2			2.683596	
5	2	15	86.6	1255		3.52607	
6	2	15	93.8	1165		4.286209	
7	1	15	80.8			4.835919	
8	2	15	52.3	1125		5.219712	
9	3	15	85.9	1367	1971	6.137434	1
10	3	15	82.2	1353	1066	6.412737	
11	2	15	76.9	1160		7.167739	
12	2	15	98.2	1008		7.695173	
13	2	15	60.8	1684		8.602665	
14	2	15	85.1	1932		9.285213	
15	3	15	98.5	1904	1809	9.845086	
16	2	15	66.3	1289		10.500781	
17	1	15	66.1			11.053668	
18	2	15	81.6	1707		11.650939	

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	6	51.2	1466		0.631814	
1	1	6	73.5			1.113072	
2	2	6	59.4	1835		1.90057	
3	3	6	61.4	1420	1361	3.13711	
4	1	6	90			3.412496	
5	3	6	65.5	1476	1113	4.226057	
6	2	6	63.8	1588		4.954407	
7	1	6	62.3			6.235632	1
8	2	6	51	1751		6.493435	
9	1	6	75.4			7.689994	
10	2	6	56.4	1553		8.766679	
11	2	6	92.6	1594		8.952276	
12	3	6	57	1709	1332	9.994467	
13	3	6	89.8	1041	1579	10.903123	
14	1	6	76.9			11.564776	

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	6	51.5	1905	1114	0.279558	1
1	2	6	68	1031		1.499474	
2	1	6	70.7			3.347798	
3	2	6	89.9	1476		4.014912	
4	2	6	50.9	1975		5.017387	
5	2	6	89.9	1906		6.990192	
6	1	6	91.3			7.914974	
7	3	6	86	1584	1160	9.403233	
8	1	6	74.8			10.665181	
9	2	6	99	1620		10.945344	

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	19	55.9	1384	1641	1.083566	1
1	3	19	98.3	1160	1841	2.348875	
2	2	19	60	1792		3.147156	
3	2	19	87.1	1940		3.863326	
4	3	19	85	1274	1938	4.817238	
5	1	19	63.9			6.686393	
6	3	19	74.8	1245	1291	7.990344	
7	2	19	53.2	1825		8.845599	
8	1	19	71.5			9.722261	
9	3	19	71.7	1847	1518	11.43025	

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	5270	9	1	333	1	5572.0, 5445.0, 5613.0, 5495.0, 5348.0, 5433.0, 5493.0, 5330.0, 5686.0, 5415.0, 5332.0, 5696.0, 5285.0, 5577.0, 5498.0, 5710.0, 5321.0, 5275.0, 5518.0, 5305.0, 5289.0, 5537.0, 5397.0, 5541.0, 5589.0, 5254.0, 5297.0, 5282.0, 5451.0, 5714.0, 5383.0, 5306.0, 5456.0, 5419.0, 5607.0, 5268.0, 5314.0, 5307.0, 5697.0, 5685.0, 5440.0, 5298.0, 5444.0, 5377.0, 5472.0, 5259.0, 5468.0, 5436.0, 5611.0, 5533.0, 5343.0, 5400.0, 5396.0, 5579.0, 5707.0, 5423.0, 5534.0, 5378.0, 5408.0, 5486.0, 5434.0, 5615.0, 5399.0, 5666.0, 5329.0, 5621.0, 5341.0, 5303.0, 5687.0, 5475.0, 5628.0, 5265.0, 5514.0, 5313.0, 5312.0, 5679.0, 5322.0, 5529.0, 5324.0, 5634.0, 5469.0, 5443.0, 5485.0, 5413.0, 5587.0, 5483.0, 5283.0, 5674.0, 5545.0, 5655.0, 5578.0, 5256.0, 5411.0, 5412.0, 5709.0, 5371.0, 5395.0, 5580.0, 5326.0, 5320.0 (number of hits: 10)
2	5270	9	1	333	1	5566.0, 5667.0, 5663.0, 5474.0, 5251.0, 5433.0, 5427.0, 5611.0, 5314.0, 5588.0, 5654.0, 5417.0, 5371.0, 5703.0, 5577.0, 5670.0, 5684.0, 5416.0, 5563.0, 5398.0, 5387.0, 5499.0, 5711.0, 5515.0, 5300.0, 5390.0, 5673.0, 5550.0, 5694.0, 5373.0, 5327.0, 5259.0, 5498.0, 5436.0, 5599.0, 5548.0, 5713.0, 5661.0, 5722.0, 5520.0, 5636.0, 5452.0, 5719.0, 5299.0, 5581.0, 5453.0, 5570.0, 5532.0, 5290.0, 5580.0, 5476.0, 5533.0, 5683.0, 5626.0, 5279.0, 5651.0, 5503.0, 5556.0, 5609.0, 5508.0, 5689.0, 5267.0, 5473.0, 5301.0, 5444.0, 5526.0, 5275.0, 5511.0, 5361.0, 5665.0, 5333.0, 5432.0, 5616.0, 5576.0, 5700.0, 5496.0, 5428.0, 5650.0, 5338.0, 5633.0, 5292.0, 5383.0, 5458.0, 5382.0, 5434.0, 5649.0, 5343.0, 5541.0, 5266.0, 5709.0, 5357.0, 5450.0, 5528.0, 5356.0, 5614.0, 5419.0, 5660.0, 5334.0, 5260.0, 5589.0 (number of hits: 7)
3	5270	9	1	333	1	5275.0, 5708.0, 5515.0, 5549.0, 5312.0, 5482.0, 5284.0, 5331.0, 5707.0, 5653.0, 5717.0, 5337.0, 5505.0, 5484.0, 5624.0, 5507.0, 5650.0, 5558.0, 5478.0, 5317.0, 5381.0, 5503.0, 5349.0, 5347.0, 5524.0, 5458.0, 5588.0, 5266.0, 5298.0, 5408.0, 5684.0, 5413.0, 5616.0, 5468.0, 5613.0, 5682.0, 5546.0, 5502.0, 5462.0, 5371.0, 5608.0, 5703.0, 5687.0, 5481.0, 5282.0, 5354.0, 5260.0, 5424.0, 5477.0, 5637.0, 5599.0, 5668.0, 5671.0, 5433.0, 5276.0,

						5340.0, 5483.0, 5718.0, 5715.0, 5628.0, 5636.0, 5632.0, 5690.0, 5434.0, 5603.0, 5425.0, 5355.0, 5529.0, 5437.0, 5623.0, 5639.0, 5627.0, 5656.0, 5499.0, 5387.0, 5531.0, 5442.0, 5357.0, 5528.0, 5634.0, 5320.0, 5351.0, 5344.0, 5338.0, 5640.0, 5403.0, 5470.0, 5642.0, 5722.0, 5485.0, 5455.0, 5602.0, 5404.0, 5414.0, 5508.0, 5719.0, 5523.0, 5711.0, 5402.0, 5367.0 (number of hits: 6)
4	5270	9	1	333	1	5691.0, 5365.0, 5464.0, 5590.0, 5287.0, 5381.0, 5568.0, 5396.0, 5322.0, 5619.0, 5488.0, 5543.0, 5311.0, 5347.0, 5718.0, 5318.0, 5291.0, 5540.0, 5284.0, 5357.0, 5482.0, 5376.0, 5385.0, 5268.0, 5359.0, 5712.0, 5661.0, 5461.0, 5499.0, 5323.0, 5710.0, 5293.0, 5420.0, 5436.0, 5342.0, 5438.0, 5592.0, 5502.0, 5614.0, 5250.0, 5442.0, 5462.0, 5258.0, 5255.0, 5711.0, 5440.0, 5337.0, 5494.0, 5636.0, 5256.0, 5637.0, 5640.0, 5430.0, 5272.0, 5425.0, 5692.0, 5496.0, 5370.0, 5599.0, 5708.0, 5722.0, 5525.0, 5377.0, 5292.0, 5589.0, 5483.0, 5453.0, 5454.0, 5655.0, 5616.0, 5286.0, 5373.0, 5508.0, 5560.0, 5301.0, 5584.0, 5538.0, 5408.0, 5521.0, 5302.0, 5371.0, 5424.0, 5551.0, 5690.0, 5682.0, 5364.0, 5630.0, 5416.0, 5633.0, 5426.0, 5306.0, 5411.0, 5702.0, 5398.0, 5280.0, 5369.0, 5278.0, 5423.0, 5406.0, 5515.0 (number of hits: 11)
5	5270	9	1	333	1	5459.0, 5269.0, 5426.0, 5503.0, 5455.0, 5704.0, 5618.0, 5530.0, 5715.0, 5273.0, 5356.0, 5285.0, 5275.0, 5388.0, 5645.0, 5524.0, 5641.0, 5296.0, 5639.0, 5309.0, 5506.0, 5480.0, 5365.0, 5691.0, 5686.0, 5392.0, 5544.0, 5676.0, 5357.0, 5558.0, 5460.0, 5581.0, 5324.0, 5258.0, 5442.0, 5582.0, 5292.0, 5330.0, 5528.0, 5385.0, 5637.0, 5652.0, 5712.0, 5321.0, 5316.0, 5552.0, 5409.0, 5291.0, 5723.0, 5547.0, 5605.0, 5293.0, 5331.0, 5322.0, 5279.0, 5338.0, 5261.0, 5688.0, 5621.0, 5486.0, 5271.0, 5445.0, 5494.0, 5644.0, 5630.0, 5416.0, 5367.0, 5577.0, 5444.0, 5617.0, 5436.0, 5391.0, 5502.0, 5664.0, 5313.0, 5702.0, 5306.0, 5561.0, 5566.0, 5537.0, 5417.0, 5560.0, 5610.0, 5594.0, 5464.0, 5554.0, 5414.0, 5662.0, 5370.0, 5538.0, 5422.0, 5469.0, 5579.0, 5655.0, 5670.0, 5299.0, 5307.0, 5382.0, 5574.0, 5295.0 (number of hits: 8)
6	5270	9	1	333	1	5356.0, 5310.0, 5674.0, 5576.0, 5370.0, 5585.0, 5363.0, 5338.0, 5443.0, 5693.0, 5694.0, 5381.0, 5489.0, 5688.0, 5303.0, 5290.0, 5678.0, 5710.0, 5268.0, 5657.0, 5451.0, 5481.0, 5512.0, 5697.0, 5429.0, 5467.0, 5292.0, 5432.0, 5330.0, 5639.0, 5500.0, 5531.0, 5533.0, 5703.0, 5346.0,

						5483.0, 5257.0, 5393.0, 5357.0, 5572.0, 5574.0, 5511.0, 5482.0, 5328.0, 5265.0, 5526.0, 5373.0, 5537.0, 5707.0, 5464.0, 5521.0, 5614.0, 5556.0, 5573.0, 5540.0, 5640.0, 5586.0, 5296.0, 5426.0, 5656.0, 5436.0, 5392.0, 5402.0, 5459.0, 5255.0, 5320.0, 5647.0, 5415.0, 5557.0, 5428.0, 5395.0, 5625.0, 5681.0, 5414.0, 5384.0, 5377.0, 5708.0, 5396.0, 5291.0, 5351.0, 5722.0, 5369.0, 5279.0, 5476.0, 5605.0, 5623.0, 5446.0, 5454.0, 5441.0, 5668.0, 5288.0, 5507.0, 5534.0, 5641.0, 5627.0, 5449.0, 5434.0, 5281.0, 5619.0, 5493.0 (number of hits: 7)
7	5270	9	1	333	1	5435.0, 5367.0, 5656.0, 5599.0, 5539.0, 5477.0, 5405.0, 5270.0, 5532.0, 5311.0, 5397.0, 5616.0, 5528.0, 5558.0, 5472.0, 5662.0, 5491.0, 5466.0, 5506.0, 5541.0, 5374.0, 5258.0, 5649.0, 5327.0, 5698.0, 5376.0, 5390.0, 5340.0, 5401.0, 5364.0, 5710.0, 5441.0, 5574.0, 5634.0, 5461.0, 5400.0, 5329.0, 5280.0, 5399.0, 5310.0, 5661.0, 5443.0, 5501.0, 5316.0, 5609.0, 5718.0, 5512.0, 5462.0, 5523.0, 5355.0, 5575.0, 5641.0, 5611.0, 5717.0, 5377.0, 5334.0, 5273.0, 5418.0, 5438.0, 5664.0, 5666.0, 5620.0, 5542.0, 5703.0, 5566.0, 5671.0, 5570.0, 5295.0, 5630.0, 5343.0, 5675.0, 5431.0, 5668.0, 5373.0, 5701.0, 5626.0, 5691.0, 5720.0, 5632.0, 5607.0, 5450.0, 5594.0, 5685.0, 5440.0, 5278.0, 5395.0, 5416.0, 5361.0, 5653.0, 5298.0, 5624.0, 5559.0, 5458.0, 5722.0, 5590.0, 5345.0, 5553.0, 5508.0, 5420.0, 5331.0 (number of hits: 5)
8	5270	9	1	333	1	5692.0, 5522.0, 5379.0, 5279.0, 5538.0, 5517.0, 5675.0, 5523.0, 5544.0, 5710.0, 5640.0, 5273.0, 5434.0, 5481.0, 5411.0, 5620.0, 5478.0, 5677.0, 5649.0, 5301.0, 5428.0, 5548.0, 5660.0, 5341.0, 5591.0, 5571.0, 5290.0, 5534.0, 5533.0, 5658.0, 5524.0, 5644.0, 5688.0, 5484.0, 5367.0, 5560.0, 5253.0, 5414.0, 5310.0, 5302.0, 5619.0, 5258.0, 5331.0, 5651.0, 5322.0, 5612.0, 5299.0, 5315.0, 5284.0, 5421.0, 5504.0, 5357.0, 5343.0, 5626.0, 5645.0, 5682.0, 5314.0, 5409.0, 5429.0, 5436.0, 5707.0, 5550.0, 5618.0, 5485.0, 5653.0, 5513.0, 5549.0, 5363.0, 5526.0, 5334.0, 5514.0, 5303.0, 5499.0, 5536.0, 5719.0, 5711.0, 5368.0, 5699.0, 5459.0, 5424.0, 5540.0, 5690.0, 5351.0, 5374.0, 5698.0, 5293.0, 5250.0, 5275.0, 5276.0, 5295.0, 5378.0, 5567.0, 5386.0, 5642.0, 5286.0, 5426.0, 5311.0, 5270.0, 5430.0, 5662.0 (number of hits: 10)
9	5270	9	1	333	1	5655.0, 5580.0, 5280.0, 5369.0, 5607.0, 5488.0, 5632.0, 5407.0, 5574.0, 5371.0, 5434.0, 5432.0, 5559.0, 5489.0, 5697.0,

						5558.0, 5456.0, 5256.0, 5394.0, 5601.0, 5263.0, 5328.0, 5608.0, 5390.0, 5452.0, 5600.0, 5265.0, 5273.0, 5377.0, 5358.0, 5334.0, 5548.0, 5599.0, 5582.0, 5308.0, 5625.0, 5671.0, 5465.0, 5551.0, 5306.0, 5711.0, 5627.0, 5504.0, 5546.0, 5420.0, 5522.0, 5550.0, 5553.0, 5260.0, 5430.0, 5344.0, 5447.0, 5644.0, 5686.0, 5326.0, 5519.0, 5335.0, 5429.0, 5437.0, 5670.0, 5705.0, 5316.0, 5482.0, 5268.0, 5556.0, 5309.0, 5688.0, 5628.0, 5658.0, 5507.0, 5431.0, 5387.0, 5384.0, 5315.0, 5376.0, 5719.0, 5555.0, 5373.0, 5639.0, 5676.0, 5541.0, 5586.0, 5594.0, 5340.0, 5442.0, 5674.0, 5352.0, 5542.0, 5699.0, 5438.0, 5478.0, 5646.0, 5318.0, 5450.0, 5539.0, 5538.0, 5339.0, 5700.0, 5411.0, 5493.0 (number of hits: 7)
10	5270	9	1	333	1	5604.0, 5581.0, 5264.0, 5684.0, 5525.0, 5577.0, 5434.0, 5307.0, 5681.0, 5385.0, 5430.0, 5265.0, 5720.0, 5344.0, 5335.0, 5585.0, 5706.0, 5318.0, 5474.0, 5574.0, 5500.0, 5457.0, 5552.0, 5597.0, 5405.0, 5302.0, 5488.0, 5417.0, 5532.0, 5588.0, 5347.0, 5673.0, 5567.0, 5653.0, 5418.0, 5622.0, 5370.0, 5652.0, 5642.0, 5583.0, 5437.0, 5343.0, 5513.0, 5640.0, 5578.0, 5284.0, 5402.0, 5691.0, 5669.0, 5258.0, 5623.0, 5609.0, 5563.0, 5599.0, 5649.0, 5717.0, 5294.0, 5464.0, 5250.0, 5707.0, 5470.0, 5340.0, 5664.0, 5677.0, 5695.0, 5254.0, 5501.0, 5626.0, 5322.0, 5569.0, 5523.0, 5700.0, 5529.0, 5522.0, 5606.0, 5349.0, 5324.0, 5586.0, 5421.0, 5431.0, 5476.0, 5311.0, 5426.0, 5466.0, 5624.0, 5683.0, 5332.0, 5637.0, 5403.0, 5397.0, 5711.0, 5269.0, 5698.0, 5571.0, 5618.0, 5479.0, 5647.0, 5668.0, 5310.0, 5716.0 (number of hits: 7)
11	5270	9	1	333	1	5491.0, 5383.0, 5470.0, 5350.0, 5559.0, 5259.0, 5407.0, 5717.0, 5457.0, 5589.0, 5373.0, 5255.0, 5372.0, 5613.0, 5577.0, 5316.0, 5488.0, 5328.0, 5295.0, 5271.0, 5336.0, 5655.0, 5669.0, 5274.0, 5268.0, 5719.0, 5660.0, 5518.0, 5706.0, 5393.0, 5627.0, 5501.0, 5498.0, 5570.0, 5645.0, 5698.0, 5499.0, 5507.0, 5284.0, 5529.0, 5691.0, 5384.0, 5621.0, 5447.0, 5385.0, 5344.0, 5578.0, 5587.0, 5307.0, 5564.0, 5335.0, 5276.0, 5479.0, 5474.0, 5477.0, 5554.0, 5700.0, 5673.0, 5667.0, 5693.0, 5562.0, 5478.0, 5473.0, 5522.0, 5445.0, 5604.0, 5583.0, 5357.0, 5412.0, 5723.0, 5368.0, 5297.0, 5633.0, 5643.0, 5537.0, 5524.0, 5417.0, 5469.0, 5551.0, 5425.0, 5689.0, 5367.0, 5337.0, 5533.0, 5418.0, 5434.0, 5628.0, 5544.0, 5343.0, 5663.0, 5386.0, 5556.0, 5475.0, 5540.0, 5318.0, 5502.0, 5672.0, 5697.0, 5629.0, 5448.0

						(number of hits: 7)
12	5270	9	1	333	1	5437.0, 5361.0, 5615.0, 5319.0, 5653.0, 5485.0, 5293.0, 5645.0, 5354.0, 5550.0, 5493.0, 5708.0, 5657.0, 5660.0, 5358.0, 5527.0, 5514.0, 5442.0, 5318.0, 5675.0, 5317.0, 5541.0, 5285.0, 5252.0, 5334.0, 5398.0, 5344.0, 5310.0, 5306.0, 5326.0, 5384.0, 5508.0, 5351.0, 5423.0, 5513.0, 5367.0, 5439.0, 5390.0, 5365.0, 5278.0, 5647.0, 5323.0, 5371.0, 5558.0, 5413.0, 5519.0, 5395.0, 5535.0, 5287.0, 5321.0, 5489.0, 5680.0, 5372.0, 5388.0, 5484.0, 5347.0, 5421.0, 5275.0, 5449.0, 5448.0, 5544.0, 5556.0, 5702.0, 5376.0, 5273.0, 5679.0, 5543.0, 5266.0, 5438.0, 5377.0, 5719.0, 5456.0, 5599.0, 5451.0, 5557.0, 5564.0, 5503.0, 5607.0, 5290.0, 5534.0, 5530.0, 5272.0, 5329.0, 5298.0, 5281.0, 5572.0, 5324.0, 5462.0, 5533.0, 5492.0, 5609.0, 5463.0, 5343.0, 5509.0, 5457.0, 5506.0, 5336.0, 5628.0, 5713.0, 5674.0 (number of hits: 9)
13	5270	9	1	333	1	5414.0, 5471.0, 5421.0, 5480.0, 5254.0, 5303.0, 5464.0, 5695.0, 5612.0, 5448.0, 5565.0, 5495.0, 5542.0, 5597.0, 5618.0, 5558.0, 5392.0, 5381.0, 5545.0, 5631.0, 5455.0, 5628.0, 5282.0, 5319.0, 5676.0, 5289.0, 5281.0, 5534.0, 5318.0, 5350.0, 5652.0, 5420.0, 5678.0, 5452.0, 5431.0, 5255.0, 5489.0, 5698.0, 5667.0, 5594.0, 5700.0, 5344.0, 5253.0, 5589.0, 5579.0, 5362.0, 5436.0, 5599.0, 5328.0, 5546.0, 5292.0, 5294.0, 5474.0, 5556.0, 5433.0, 5388.0, 5270.0, 5360.0, 5687.0, 5275.0, 5611.0, 5566.0, 5449.0, 5707.0, 5385.0, 5490.0, 5588.0, 5605.0, 5531.0, 5702.0, 5482.0, 5610.0, 5615.0, 5460.0, 5397.0, 5372.0, 5622.0, 5326.0, 5304.0, 5584.0, 5438.0, 5293.0, 5608.0, 5273.0, 5376.0, 5646.0, 5677.0, 5364.0, 5389.0, 5598.0, 5627.0, 5632.0, 5309.0, 5288.0, 5338.0, 5316.0, 5488.0, 5264.0, 5429.0, 5396.0 (number of hits: 11)
14	5270	9	1	333	1	5487.0, 5579.0, 5407.0, 5384.0, 5518.0, 5607.0, 5463.0, 5717.0, 5460.0, 5369.0, 5292.0, 5290.0, 5368.0, 5549.0, 5261.0, 5695.0, 5719.0, 5578.0, 5343.0, 5530.0, 5303.0, 5470.0, 5409.0, 5621.0, 5317.0, 5421.0, 5446.0, 5277.0, 5381.0, 5270.0, 5610.0, 5627.0, 5500.0, 5473.0, 5400.0, 5351.0, 5660.0, 5504.0, 5574.0, 5642.0, 5293.0, 5465.0, 5363.0, 5364.0, 5341.0, 5533.0, 5453.0, 5544.0, 5489.0, 5615.0, 5592.0, 5516.0, 5601.0, 5594.0, 5316.0, 5375.0, 5536.0, 5323.0, 5538.0, 5693.0, 5393.0, 5561.0, 5715.0, 5442.0, 5280.0, 5342.0, 5401.0, 5649.0, 5309.0, 5483.0, 5356.0, 5449.0, 5603.0, 5427.0, 5523.0, 5396.0, 5557.0, 5464.0, 5488.0, 5666.0,

						5716.0, 5559.0, 5586.0, 5633.0, 5278.0, 5271.0, 5562.0, 5359.0, 5471.0, 5617.0, 5705.0, 5681.0, 5645.0, 5659.0, 5613.0, 5403.0, 5274.0, 5662.0, 5669.0, 5336.0 (number of hits: 7)
15	5270	9	1	333	1	5488.0, 5293.0, 5415.0, 5667.0, 5369.0, 5704.0, 5656.0, 5718.0, 5296.0, 5683.0, 5722.0, 5321.0, 5587.0, 5632.0, 5414.0, 5322.0, 5702.0, 5530.0, 5327.0, 5687.0, 5507.0, 5665.0, 5421.0, 5256.0, 5590.0, 5463.0, 5674.0, 5529.0, 5528.0, 5551.0, 5391.0, 5254.0, 5373.0, 5292.0, 5287.0, 5536.0, 5472.0, 5301.0, 5604.0, 5521.0, 5717.0, 5374.0, 5299.0, 5428.0, 5686.0, 5304.0, 5567.0, 5490.0, 5382.0, 5569.0, 5380.0, 5467.0, 5347.0, 5449.0, 5441.0, 5542.0, 5532.0, 5323.0, 5557.0, 5614.0, 5554.0, 5522.0, 5549.0, 5694.0, 5309.0, 5634.0, 5464.0, 5556.0, 5451.0, 5456.0, 5705.0, 5673.0, 5609.0, 5635.0, 5272.0, 5501.0, 5474.0, 5628.0, 5378.0, 5679.0, 5661.0, 5265.0, 5411.0, 5450.0, 5703.0, 5459.0, 5423.0, 5342.0, 5648.0, 5445.0, 5531.0, 5336.0, 5540.0, 5465.0, 5417.0, 5546.0, 5695.0, 5314.0, 5424.0, 5395.0 (number of hits: 5)
16	5270	9	1	333	1	5391.0, 5504.0, 5721.0, 5450.0, 5540.0, 5380.0, 5531.0, 5296.0, 5514.0, 5318.0, 5590.0, 5616.0, 5716.0, 5495.0, 5326.0, 5529.0, 5390.0, 5522.0, 5609.0, 5515.0, 5638.0, 5422.0, 5520.0, 5312.0, 5688.0, 5569.0, 5395.0, 5484.0, 5420.0, 5334.0, 5580.0, 5416.0, 5401.0, 5352.0, 5509.0, 5564.0, 5711.0, 5305.0, 5313.0, 5454.0, 5694.0, 5278.0, 5549.0, 5576.0, 5526.0, 5419.0, 5563.0, 5682.0, 5510.0, 5474.0, 5723.0, 5704.0, 5560.0, 5329.0, 5339.0, 5282.0, 5392.0, 5675.0, 5657.0, 5265.0, 5583.0, 5298.0, 5548.0, 5297.0, 5369.0, 5693.0, 5353.0, 5541.0, 5310.0, 5533.0, 5257.0, 5330.0, 5500.0, 5603.0, 5544.0, 5268.0, 5673.0, 5584.0, 5345.0, 5516.0, 5465.0, 5285.0, 5358.0, 5437.0, 5307.0, 5320.0, 5306.0, 5614.0, 5434.0, 5637.0, 5613.0, 5621.0, 5653.0, 5635.0, 5589.0, 5468.0, 5662.0, 5274.0, 5542.0, 5553.0 (number of hits: 7)
17	5270	9	1	333	1	5357.0, 5422.0, 5376.0, 5279.0, 5645.0, 5287.0, 5499.0, 5296.0, 5394.0, 5372.0, 5698.0, 5508.0, 5544.0, 5493.0, 5444.0, 5343.0, 5721.0, 5691.0, 5390.0, 5607.0, 5300.0, 5660.0, 5575.0, 5477.0, 5520.0, 5525.0, 5518.0, 5668.0, 5569.0, 5570.0, 5523.0, 5391.0, 5580.0, 5690.0, 5672.0, 5365.0, 5360.0, 5480.0, 5435.0, 5511.0, 5610.0, 5350.0, 5469.0, 5324.0, 5325.0, 5572.0, 5269.0, 5462.0, 5471.0, 5455.0, 5713.0, 5640.0, 5314.0, 5415.0, 5500.0, 5620.0, 5322.0, 5446.0, 5716.0, 5702.0,

						5532.0, 5723.0, 5264.0, 5512.0, 5719.0, 5669.0, 5555.0, 5521.0, 5664.0, 5395.0, 5277.0, 5256.0, 5654.0, 5285.0, 5722.0, 5568.0, 5613.0, 5593.0, 5412.0, 5406.0, 5574.0, 5409.0, 5605.0, 5647.0, 5413.0, 5665.0, 5430.0, 5515.0, 5685.0, 5501.0, 5697.0, 5418.0, 5617.0, 5262.0, 5319.0, 5354.0, 5251.0, 5674.0, 5267.0, 5374.0 (number of hits: 10)
18	5270	9	1	333	1	5332.0, 5284.0, 5403.0, 5612.0, 5452.0, 5428.0, 5407.0, 5421.0, 5721.0, 5497.0, 5675.0, 5720.0, 5385.0, 5307.0, 5569.0, 5487.0, 5604.0, 5647.0, 5681.0, 5699.0, 5622.0, 5459.0, 5715.0, 5495.0, 5692.0, 5290.0, 5704.0, 5666.0, 5664.0, 5669.0, 5484.0, 5683.0, 5250.0, 5300.0, 5424.0, 5391.0, 5448.0, 5627.0, 5638.0, 5486.0, 5643.0, 5541.0, 5317.0, 5550.0, 5256.0, 5268.0, 5308.0, 5345.0, 5444.0, 5426.0, 5262.0, 5708.0, 5629.0, 5700.0, 5536.0, 5661.0, 5346.0, 5344.0, 5702.0, 5545.0, 5641.0, 5414.0, 5585.0, 5609.0, 5714.0, 5265.0, 5668.0, 5575.0, 5309.0, 5473.0, 5331.0, 5703.0, 5676.0, 5633.0, 5665.0, 5273.0, 5488.0, 5670.0, 5402.0, 5580.0, 5394.0, 5701.0, 5719.0, 5371.0, 5312.0, 5412.0, 5693.0, 5438.0, 5525.0, 5456.0, 5327.0, 5531.0, 5655.0, 5340.0, 5533.0, 5543.0, 5598.0, 5451.0, 5494.0, 5554.0 (number of hits: 7)
19	5270	9	1	333	1	5649.0, 5611.0, 5635.0, 5426.0, 5360.0, 5366.0, 5460.0, 5675.0, 5358.0, 5286.0, 5411.0, 5458.0, 5472.0, 5452.0, 5571.0, 5689.0, 5645.0, 5584.0, 5393.0, 5603.0, 5685.0, 5457.0, 5387.0, 5391.0, 5668.0, 5334.0, 5322.0, 5659.0, 5273.0, 5389.0, 5423.0, 5336.0, 5545.0, 5587.0, 5684.0, 5496.0, 5398.0, 5681.0, 5468.0, 5299.0, 5566.0, 5310.0, 5560.0, 5410.0, 5349.0, 5254.0, 5511.0, 5369.0, 5487.0, 5634.0, 5553.0, 5327.0, 5370.0, 5401.0, 5396.0, 5624.0, 5321.0, 5406.0, 5471.0, 5563.0, 5574.0, 5294.0, 5588.0, 5305.0, 5586.0, 5704.0, 5548.0, 5354.0, 5721.0, 5660.0, 5570.0, 5332.0, 5264.0, 5638.0, 5631.0, 5481.0, 5636.0, 5522.0, 5296.0, 5449.0, 5539.0, 5544.0, 5713.0, 5495.0, 5265.0, 5259.0, 5346.0, 5508.0, 5484.0, 5513.0, 5312.0, 5556.0, 5672.0, 5669.0, 5357.0, 5604.0, 5473.0, 5670.0, 5502.0, 5577.0 (number of hits: 6)
20	5270	9	1	333	1	5552.0, 5274.0, 5496.0, 5557.0, 5432.0, 5520.0, 5662.0, 5417.0, 5371.0, 5705.0, 5645.0, 5677.0, 5372.0, 5420.0, 5648.0, 5613.0, 5517.0, 5654.0, 5289.0, 5480.0, 5696.0, 5400.0, 5691.0, 5341.0, 5447.0, 5683.0, 5540.0, 5722.0, 5397.0, 5712.0, 5649.0, 5477.0, 5629.0, 5277.0, 5609.0, 5271.0, 5527.0, 5415.0, 5616.0, 5273.0,

						5693.0, 5541.0, 5292.0, 5265.0, 5336.0, 5484.0, 5663.0, 5707.0, 5405.0, 5673.0, 5526.0, 5666.0, 5711.0, 5485.0, 5298.0, 5416.0, 5366.0, 5395.0, 5715.0, 5458.0, 5441.0, 5301.0, 5439.0, 5284.0, 5672.0, 5359.0, 5566.0, 5603.0, 5494.0, 5585.0, 5438.0, 5378.0, 5506.0, 5307.0, 5330.0, 5297.0, 5283.0, 5381.0, 5456.0, 5344.0, 5317.0, 5345.0, 5272.0, 5623.0, 5659.0, 5358.0, 5398.0, 5685.0, 5310.0, 5338.0, 5443.0, 5533.0, 5383.0, 5256.0, 5534.0, 5373.0, 5698.0, 5326.0, 5329.0, 5688.0 (number of hits: 10)
21	5270	9	1	333	1	5339.0, 5307.0, 5258.0, 5563.0, 5429.0, 5454.0, 5441.0, 5293.0, 5590.0, 5251.0, 5347.0, 5577.0, 5639.0, 5537.0, 5383.0, 5263.0, 5633.0, 5447.0, 5694.0, 5519.0, 5593.0, 5515.0, 5323.0, 5650.0, 5442.0, 5286.0, 5657.0, 5715.0, 5674.0, 5371.0, 5684.0, 5611.0, 5524.0, 5394.0, 5285.0, 5703.0, 5636.0, 5425.0, 5386.0, 5484.0, 5628.0, 5541.0, 5490.0, 5276.0, 5646.0, 5682.0, 5523.0, 5467.0, 5714.0, 5392.0, 5416.0, 5528.0, 5463.0, 5681.0, 5677.0, 5380.0, 5572.0, 5387.0, 5618.0, 5573.0, 5280.0, 5620.0, 5379.0, 5683.0, 5289.0, 5486.0, 5450.0, 5603.0, 5349.0, 5405.0, 5331.0, 5495.0, 5554.0, 5699.0, 5585.0, 5551.0, 5697.0, 5345.0, 5480.0, 5678.0, 5350.0, 5434.0, 5368.0, 5468.0, 5610.0, 5700.0, 5635.0, 5517.0, 5666.0, 5583.0, 5318.0, 5619.0, 5346.0, 5388.0, 5264.0, 5500.0, 5355.0, 5446.0, 5698.0, 5525.0 (number of hits: 9)
22	5270	9	1	333	1	5715.0, 5402.0, 5568.0, 5595.0, 5347.0, 5536.0, 5276.0, 5697.0, 5488.0, 5537.0, 5708.0, 5719.0, 5335.0, 5415.0, 5586.0, 5695.0, 5597.0, 5289.0, 5433.0, 5512.0, 5453.0, 5444.0, 5510.0, 5539.0, 5710.0, 5665.0, 5486.0, 5419.0, 5604.0, 5320.0, 5388.0, 5585.0, 5421.0, 5613.0, 5420.0, 5460.0, 5685.0, 5670.0, 5516.0, 5545.0, 5459.0, 5390.0, 5491.0, 5425.0, 5644.0, 5469.0, 5306.0, 5291.0, 5640.0, 5429.0, 5252.0, 5623.0, 5650.0, 5442.0, 5718.0, 5366.0, 5316.0, 5274.0, 5401.0, 5321.0, 5434.0, 5371.0, 5437.0, 5643.0, 5698.0, 5543.0, 5438.0, 5521.0, 5400.0, 5284.0, 5369.0, 5682.0, 5406.0, 5627.0, 5270.0, 5457.0, 5590.0, 5671.0, 5379.0, 5636.0, 5588.0, 5557.0, 5297.0, 5464.0, 5517.0, 5724.0, 5630.0, 5331.0, 5450.0, 5294.0, 5688.0, 5605.0, 5389.0, 5391.0, 5541.0, 5272.0, 5608.0, 5268.0, 5396.0, 5385.0 (number of hits: 8)
23	5270	9	1	333	1	5599.0, 5365.0, 5325.0, 5272.0, 5683.0, 5634.0, 5342.0, 5646.0, 5600.0, 5655.0, 5338.0, 5569.0, 5613.0, 5663.0, 5351.0, 5345.0, 5424.0, 5563.0, 5542.0, 5392.0,

						5390.0, 5262.0, 5583.0, 5375.0, 5324.0, 5564.0, 5565.0, 5363.0, 5350.0, 5704.0, 5566.0, 5293.0, 5549.0, 5366.0, 5307.0, 5523.0, 5278.0, 5644.0, 5321.0, 5605.0, 5508.0, 5379.0, 5398.0, 5387.0, 5333.0, 5374.0, 5554.0, 5611.0, 5633.0, 5699.0, 5570.0, 5591.0, 5355.0, 5604.0, 5483.0, 5690.0, 5282.0, 5464.0, 5606.0, 5430.0, 5512.0, 5624.0, 5561.0, 5473.0, 5596.0, 5557.0, 5580.0, 5697.0, 5631.0, 5497.0, 5698.0, 5672.0, 5341.0, 5654.0, 5437.0, 5629.0, 5513.0, 5503.0, 5562.0, 5609.0, 5552.0, 5579.0, 5653.0, 5618.0, 5382.0, 5610.0, 5488.0, 5371.0, 5404.0, 5306.0, 5418.0, 5348.0, 5252.0, 5671.0, 5349.0, 5359.0, 5442.0, 5276.0, 5329.0, 5582.0 (number of hits: 6)
24	5270	9	1	333	1	5488.0, 5617.0, 5290.0, 5417.0, 5624.0, 5646.0, 5402.0, 5705.0, 5300.0, 5440.0, 5596.0, 5399.0, 5293.0, 5696.0, 5261.0, 5335.0, 5276.0, 5723.0, 5633.0, 5594.0, 5681.0, 5684.0, 5311.0, 5544.0, 5306.0, 5562.0, 5453.0, 5634.0, 5328.0, 5323.0, 5593.0, 5320.0, 5284.0, 5430.0, 5317.0, 5679.0, 5427.0, 5638.0, 5442.0, 5289.0, 5620.0, 5535.0, 5676.0, 5548.0, 5645.0, 5523.0, 5665.0, 5435.0, 5358.0, 5264.0, 5446.0, 5310.0, 5388.0, 5448.0, 5332.0, 5629.0, 5612.0, 5267.0, 5465.0, 5420.0, 5559.0, 5608.0, 5455.0, 5424.0, 5252.0, 5444.0, 5445.0, 5389.0, 5450.0, 5690.0, 5520.0, 5345.0, 5339.0, 5509.0, 5426.0, 5599.0, 5644.0, 5384.0, 5377.0, 5519.0, 5304.0, 5476.0, 5563.0, 5648.0, 5573.0, 5623.0, 5626.0, 5307.0, 5439.0, 5625.0, 5482.0, 5271.0, 5592.0, 5383.0, 5325.0, 5301.0, 5621.0, 5724.0, 5589.0, 5324.0 (number of hits: 8)
25	5270	9	1	333	1	5329.0, 5371.0, 5528.0, 5279.0, 5258.0, 5457.0, 5656.0, 5684.0, 5521.0, 5564.0, 5627.0, 5596.0, 5421.0, 5714.0, 5326.0, 5639.0, 5290.0, 5532.0, 5474.0, 5650.0, 5296.0, 5430.0, 5401.0, 5664.0, 5262.0, 5263.0, 5504.0, 5282.0, 5443.0, 5422.0, 5404.0, 5374.0, 5464.0, 5580.0, 5523.0, 5385.0, 5473.0, 5295.0, 5614.0, 5265.0, 5703.0, 5600.0, 5555.0, 5437.0, 5602.0, 5551.0, 5395.0, 5376.0, 5535.0, 5509.0, 5468.0, 5647.0, 5511.0, 5272.0, 5287.0, 5424.0, 5519.0, 5396.0, 5490.0, 5458.0, 5591.0, 5507.0, 5414.0, 5643.0, 5270.0, 5445.0, 5622.0, 5696.0, 5341.0, 5721.0, 5285.0, 5668.0, 5620.0, 5514.0, 5531.0, 5558.0, 5616.0, 5316.0, 5335.0, 5380.0, 5388.0, 5359.0, 5393.0, 5372.0, 5653.0, 5681.0, 5615.0, 5254.0, 5545.0, 5694.0, 5530.0, 5304.0, 5494.0, 5502.0, 5710.0, 5448.0, 5671.0, 5723.0, 5572.0, 5387.0 (number of hits: 11)

26	5270	9	1	333	1	5619.0, 5470.0, 5289.0, 5560.0, 5615.0, 5412.0, 5329.0, 5501.0, 5416.0, 5411.0, 5465.0, 5375.0, 5670.0, 5605.0, 5590.0, 5394.0, 5524.0, 5321.0, 5642.0, 5287.0, 5696.0, 5567.0, 5681.0, 5700.0, 5291.0, 5456.0, 5602.0, 5306.0, 5577.0, 5659.0, 5421.0, 5261.0, 5488.0, 5654.0, 5669.0, 5364.0, 5253.0, 5532.0, 5667.0, 5280.0, 5601.0, 5564.0, 5591.0, 5640.0, 5522.0, 5451.0, 5498.0, 5684.0, 5320.0, 5650.0, 5308.0, 5563.0, 5368.0, 5636.0, 5349.0, 5559.0, 5571.0, 5297.0, 5578.0, 5427.0, 5715.0, 5328.0, 5676.0, 5631.0, 5489.0, 5543.0, 5437.0, 5651.0, 5565.0, 5552.0, 5688.0, 5495.0, 5714.0, 5330.0, 5441.0, 5510.0, 5315.0, 5625.0, 5646.0, 5398.0, 5463.0, 5254.0, 5401.0, 5418.0, 5309.0, 5307.0, 5534.0, 5270.0, 5662.0, 5554.0, 5430.0, 5708.0, 5610.0, 5277.0, 5487.0, 5680.0, 5712.0, 5689.0, 5269.0, 5380.0 (number of hits: 9)
27	5270	9	1	333	1	5661.0, 5611.0, 5470.0, 5589.0, 5560.0, 5569.0, 5668.0, 5418.0, 5370.0, 5446.0, 5458.0, 5298.0, 5672.0, 5509.0, 5558.0, 5403.0, 5278.0, 5547.0, 5682.0, 5657.0, 5574.0, 5386.0, 5400.0, 5435.0, 5311.0, 5717.0, 5521.0, 5585.0, 5268.0, 5633.0, 5689.0, 5541.0, 5714.0, 5514.0, 5315.0, 5390.0, 5459.0, 5551.0, 5372.0, 5449.0, 5533.0, 5428.0, 5716.0, 5266.0, 5345.0, 5310.0, 5293.0, 5658.0, 5651.0, 5325.0, 5379.0, 5488.0, 5265.0, 5568.0, 5683.0, 5670.0, 5573.0, 5640.0, 5312.0, 5477.0, 5673.0, 5363.0, 5613.0, 5308.0, 5639.0, 5520.0, 5629.0, 5493.0, 5448.0, 5578.0, 5437.0, 5374.0, 5522.0, 5337.0, 5439.0, 5255.0, 5599.0, 5593.0, 5534.0, 5644.0, 5353.0, 5385.0, 5257.0, 5383.0, 5667.0, 5366.0, 5326.0, 5357.0, 5442.0, 5496.0, 5342.0, 5610.0, 5329.0, 5705.0, 5422.0, 5455.0, 5411.0, 5423.0, 5447.0, 5463.0 (number of hits: 6)
28	5270	9	1	333	1	5585.0, 5313.0, 5300.0, 5637.0, 5500.0, 5608.0, 5340.0, 5277.0, 5416.0, 5722.0, 5431.0, 5413.0, 5324.0, 5506.0, 5666.0, 5703.0, 5482.0, 5685.0, 5490.0, 5476.0, 5454.0, 5529.0, 5356.0, 5299.0, 5596.0, 5367.0, 5548.0, 5459.0, 5611.0, 5435.0, 5614.0, 5283.0, 5347.0, 5368.0, 5499.0, 5561.0, 5674.0, 5397.0, 5331.0, 5677.0, 5528.0, 5716.0, 5420.0, 5525.0, 5691.0, 5510.0, 5392.0, 5451.0, 5557.0, 5595.0, 5467.0, 5609.0, 5554.0, 5640.0, 5418.0, 5494.0, 5310.0, 5290.0, 5352.0, 5474.0, 5309.0, 5720.0, 5706.0, 5612.0, 5301.0, 5665.0, 5373.0, 5327.0, 5414.0, 5616.0, 5505.0, 5267.0, 5631.0, 5591.0, 5480.0, 5717.0, 5255.0, 5436.0, 5641.0, 5328.0, 5339.0, 5518.0, 5357.0, 5426.0, 5276.0,

						5558.0, 5348.0, 5672.0, 5486.0, 5281.0, 5338.0, 5382.0, 5629.0, 5409.0, 5439.0, 5642.0, 5577.0, 5271.0, 5540.0, 5694.0 (number of hits: 7)
29	5270	9	1	333	1	5497.0, 5338.0, 5429.0, 5471.0, 5520.0, 5540.0, 5357.0, 5642.0, 5677.0, 5333.0, 5585.0, 5694.0, 5683.0, 5689.0, 5432.0, 5510.0, 5447.0, 5383.0, 5538.0, 5258.0, 5682.0, 5647.0, 5669.0, 5688.0, 5624.0, 5485.0, 5673.0, 5481.0, 5541.0, 5567.0, 5608.0, 5493.0, 5588.0, 5496.0, 5469.0, 5680.0, 5655.0, 5607.0, 5651.0, 5586.0, 5467.0, 5403.0, 5328.0, 5679.0, 5316.0, 5394.0, 5286.0, 5486.0, 5263.0, 5597.0, 5702.0, 5603.0, 5425.0, 5618.0, 5461.0, 5530.0, 5417.0, 5446.0, 5699.0, 5592.0, 5365.0, 5430.0, 5381.0, 5653.0, 5476.0, 5308.0, 5419.0, 5473.0, 5529.0, 5371.0, 5326.0, 5643.0, 5466.0, 5602.0, 5387.0, 5518.0, 5470.0, 5561.0, 5555.0, 5563.0, 5686.0, 5468.0, 5572.0, 5437.0, 5289.0, 5465.0, 5251.0, 5613.0, 5284.0, 5705.0, 5321.0, 5269.0, 5478.0, 5716.0, 5305.0, 5268.0, 5589.0, 5420.0, 5676.0, 5260.0 (number of hits: 9)
30	5270	9	1	333	1	5638.0, 5314.0, 5400.0, 5611.0, 5275.0, 5299.0, 5712.0, 5394.0, 5537.0, 5523.0, 5366.0, 5721.0, 5662.0, 5279.0, 5410.0, 5293.0, 5566.0, 5500.0, 5328.0, 5270.0, 5658.0, 5445.0, 5479.0, 5323.0, 5453.0, 5717.0, 5692.0, 5370.0, 5415.0, 5570.0, 5660.0, 5588.0, 5559.0, 5354.0, 5589.0, 5529.0, 5696.0, 5301.0, 5480.0, 5271.0, 5613.0, 5426.0, 5597.0, 5536.0, 5441.0, 5532.0, 5288.0, 5648.0, 5578.0, 5602.0, 5709.0, 5657.0, 5352.0, 5576.0, 5364.0, 5520.0, 5472.0, 5446.0, 5675.0, 5254.0, 5691.0, 5371.0, 5574.0, 5643.0, 5257.0, 5346.0, 5492.0, 5677.0, 5483.0, 5563.0, 5428.0, 5283.0, 5667.0, 5337.0, 5700.0, 5644.0, 5350.0, 5628.0, 5317.0, 5411.0, 5509.0, 5531.0, 5577.0, 5392.0, 5266.0, 5565.0, 5626.0, 5424.0, 5585.0, 5618.0, 5469.0, 5316.0, 5258.0, 5599.0, 5499.0, 5375.0, 5522.0, 5604.0, 5683.0, 5282.0 (number of hits: 11)

5290 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	95%	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5290 MHz, 80 MHz Bandwidth

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	65	1	818	1
2	5290	102	1	518	1
3	5290	62	1	858	1
4	5290	86	1	618	1
5	5290	68	1	778	1
6	5290	57	1	938	1
7	5290	89	1	598	1
8	5290	92	1	578	1
9	5290	70	1	758	1
10	5290	76	1	698	1
11	5290	72	1	738	1
12	5290	58	1	918	1
13	5290	67	1	798	1
14	5290	81	1	658	1
15	5290	61	1	878	1
16	5290	34	1	1570	1
17	5290	32	1	1684	1
18	5290	28	1	1905	1
19	5290	25	1	2153	1
20	5290	74	1	721	1
21	5290	54	1	981	1
22	5290	24	1	2292	1
23	5290	64	1	837	1
24	5290	36	1	1477	1
25	5290	49	1	1079	1
26	5290	41	1	1312	1
27	5290	29	1	1864	1
28	5290	32	1	1691	1
29	5290	19	1	2811	1
30	5290	39	1	1383	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	29	1.3	161	1
2	5290	29	2.3	203	1
3	5290	23	1.8	229	1
4	5290	28	4.9	166	1
5	5290	27	2	181	1
6	5290	23	4.6	201	1
7	5290	24	1.7	210	1
8	5290	27	3	197	1
9	5290	23	3.4	209	1
10	5290	24	3.7	162	1
11	5290	24	1.4	152	1
12	5290	26	1.7	215	1
13	5290	27	1.3	156	1
14	5290	28	3	196	1
15	5290	25	1	206	1
16	5290	25	4.2	162	1
17	5290	23	3.9	190	1
18	5290	27	1.9	218	1
19	5290	24	4.6	221	1
20	5290	26	3	198	1
21	5290	23	1.5	191	1
22	5290	29	3.5	204	1
23	5290	28	4.5	184	1
24	5290	27	3	153	1
25	5290	26	3.5	222	1
26	5290	24	1	171	1
27	5290	24	2.6	157	1
28	5290	23	2.6	164	1
29	5290	26	3.2	164	1
30	5290	25	3.6	215	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	16	7.9	465	1
2	5290	17	6.3	356	1
3	5290	16	7.7	220	0+
4	5290	18	8.8	311	1
5	5290	16	6	383	1
6	5290	17	9.4	215	0
7	5290	18	7.5	342	1
8	5290	18	9.1	473	1
9	5290	18	9	320	1
10	5290	18	9.2	286	1
11	5290	18	6.1	379	1
12	5290	17	10	398	1
13	5290	18	8	325	1
14	5290	16	8.9	465	1
15	5290	16	8.6	225	0
16	5290	16	6.9	327	1
17	5290	16	6.5	347	1
18	5290	16	9	484	1
19	5290	16	7.6	458	1
20	5290	18	9.9	296	1
21	5290	16	7.9	213	0
22	5290	16	7.2	491	1
23	5290	16	8.2	247	1
24	5290	16	7.7	258	1
25	5290	17	7.3	413	1
26	5290	18	9.1	399	1
27	5290	16	7.6	286	1
28	5290	16	7.8	381	1
29	5290	17	8.5	460	1
30	5290	17	9.7	293	1
Detection Percentage: 86.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	15	16.4	288	1
2	5290	16	15.3	362	1
3	5290	15	15.5	205	
4	5290	12	17.1	459	1
5	5290	12	14.1	327	1
6	5290	16	17.8	298	1
7	5290	12	17.1	303	1
8	5290	16	13.5	296	1
9	5290	13	15	236	1
10	5290	13	14.8	408	1
11	5290	15	17.4	362	1
12	5290	16	15.1	238	1
13	5290	15	16	382	1
14	5290	15	16	448	1
15	5290	14	14.9	441	1
16	5290	13	16.2	377	1
17	5290	12	19.6	386	1
18	5290	12	16.6	314	1
19	5290	14	12.5	347	1
20	5290	16	13.9	261	1
21	5290	16	18.1	221	1
22	5290	14	11.4	262	1
23	5290	13	16.8	275	1
24	5290	15	13.9	494	1
25	5290	13	19.5	372	1
26	5290	12	11.3	404	1
27	5290	15	11.6	275	1
28	5290	13	19	245	1
29	5290	13	13.7	401	1
30	5290	14	11.1	219	
Detection Percentage: 93.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5290	1
2	5290	1
3	5290	1
4	5290	1
5	5290	1
6	5290	1
7	5290	1
8	5290	1
9	5290	1
10	5290	1
11	5256.0	1
12	5254.4	1
13	5258.8	1
14	5254.8	1
15	5254.0	1
16	5258.0	1
17	5256.8	1
18	5255.6	1
19	5258.0	1
20	5257.2	1
21	5324.4	1
22	5323.2	1
23	5324.0	1
24	5322.8	1
25	5324.8	1
26	5324.8	1
27	5327.2	1
28	5327.6	1
29	5325.6	1
30	5326.8	1
Detection Percentage: 100 % (>80%)		

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	7	53.5			0.305356	1
1	2	7	66.3	1833		1.226321	
2	1	7	53.6			1.821753	
3	1	7	89.8			2.062488	
4	2	7	92.7	1981		2.657349	
5	2	7	94.3	1559		3.579015	
6	2	7	50	1212		4.319514	
7	3	7	69	1576	1246	4.676665	
8	3	7	75.3	1379	1649	5.310559	
9	2	7	79.1	1295		5.762784	
10	3	7	83.4	1151	1608	6.92471	
11	1	7	62.9			7.460172	
12	1	7	56.9			7.778773	
13	2	7	69.5	1128		8.272757	
14	2	7	97.3	1958		9.193778	
15	1	7	97.2			9.767184	
16	3	7	96.5	1322	1734	10.657207	
17	2	7	52.1	1173		10.950206	
18	3	7	61.1	1943	1065	11.464263	

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	7	75.5	1268		0.758662	1
1	2	7	60.6	1870		2.418822	
2	2	7	60.9	1161		3.303898	
3	2	7	54.9	1024		4.857942	
4	2	7	87.5	1060		6.505726	
5	3	7	60.9	1861	1062	7.808606	
6	2	7	91.8	1781		8.171816	
7	1	7	66.5			9.597187	
8	2	7	56.9	1221		10.907201	

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	3	6	94.4	1119	1705	0.485788	
1	2	6	58.5	1838		0.733846	
2	2	6	70.7	1419		1.640485	
3	2	6	53.4	1374		2.348182	
4	1	6	97.7			3.025483	
5	3	6	94.3	1307	1586	3.951612	
6	3	6	73.8	1681	1203	4.33272	
7	2	6	58.2	1672		5.203127	
8	1	6	73			5.799581	1
9	1	6	53.1			6.596247	
10	3	6	68	1638	1603	7.217382	
11	2	6	96.2	1658		8.367499	
12	1	6	73.8			9.159896	
13	1	6	64.4			9.763908	
14	2	6	88.4	1479		9.892878	
15	2	6	77.4	1636		10.979459	
16	2	6	67	1509		11.751749	

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	3	13	66	1764	1810	0.130698	1
1	3	13	87.5	1566	1479	0.75134	
2	3	13	51.4	1794	1234	1.906235	
3	1	13	54.9			2.781235	
4	3	13	83.3	1860	1565	3.452446	
5	1	13	73.1			4.22496	
6	2	13	72.5	1484		4.774197	
7	2	13	79.6	1642		5.863875	
8	3	13	73.3	1970	1736	6.62171	
9	1	13	54.9			7.412855	
10	3	13	56.4	1970	1139	7.907478	
11	2	13	82.7	1239		8.45384	
12	1	13	79			9.097462	
13	2	13	81.4	1596		10.422731	
14	2	13	89.8	1482		11.144456	
15	2	13	57.7	1542		11.474514	

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	16	99.1	1428		0.273534	1
1	1	16	79.2			1.90017	
2	3	16	90.7	1361	1795	3.319274	
3	3	16	87	1823	1792	4.564955	
4	2	16	56	1950		5.350156	
5	2	16	85.9	1317		7.529063	
6	3	16	77.9	1636	1391	8.195117	
7	2	16	70.6	1752		10.601641	
8	2	16	53.6	1501		11.792518	

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	16	59.8	1100		0.775033	
1	2	16	59.7	1952		1.135819	
2	1	16	82			1.656481	
3	1	16	71			2.536528	
4	2	16	93.9	1409		3.834593	
5	1	16	84.7			4.656439	
6	3	16	99.5	1802	1735	5.57718	
7	3	16	82.5	1860	1997	5.684977	1
8	2	16	87.7	1958		6.981107	
9	2	16	67.9	1970		7.935	
10	2	16	66	1940		8.590758	
11	2	16	64	1821		9.302456	
12	2	16	79.8	1286		10.167447	
13	3	16	90.7	1779	1643	10.926655	
14	1	16	86.5			11.683646	

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	10	59.1	1341		0.523764	
1	2	10	91.5	1630		1.41526	
2	3	10	66.8	1355	1612	2.064306	
3	3	10	80.4	1982	1172	2.656128	
4	1	10	93.2			3.612715	
5	1	10	86.6			5.11818	
6	3	10	68.5	1018	1886	5.207859	
7	2	10	63.1	1544		6.646898	1
8	3	10	98.9	1790	1870	7.015584	
9	2	10	69.9	1852		8.421873	
10	1	10	91			8.921005	
11	2	10	95.4	1162		9.996585	
12	2	10	83.7	1838		10.985963	
13	2	10	86.1	1157		11.604471	

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	16	60.2	1859		0.48753	
1	2	16	90.9	1319		1.072792	
2	2	16	54	1994		2.069122	
3	2	16	68.3	1507		2.523943	
4	2	16	83.3	1745		3.303091	
5	2	16	90	1068		3.689291	
6	3	16	99	1419	1284	4.549022	
7	3	16	51	1393	1577	5.47733	
8	3	16	91.5	1391	1114	6.211637	1
9	1	16	63.3			6.861168	
10	2	16	71.7	1266		7.604123	
11	2	16	50.1	1640		7.920176	
12	3	16	70.2	1253	1065	8.614611	
13	1	16	73.6			9.301487	
14	2	16	59.1	1123		10.063981	
15	3	16	65.9	1916	1195	10.71104	
16	1	16	55.1			11.766935	

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	10	96.9			0.002366	
1	2	10	76.3	1328		1.082527	
2	2	10	84.7	1866		2.011142	
3	2	10	95	1513		3.0151	
4	2	10	69.5	1201		4.217293	
5	1	10	96.6			4.947378	
6	3	10	99.3	1469	1550	5.587015	
7	1	10	85.4			6.169807	1
8	1	10	79			7.401654	
9	1	10	50.1			8.232047	
10	2	10	99.9	1207		8.684445	
11	3	10	86.2	1462	1147	9.507927	
12	3	10	89.2	1331	1044	11.077089	
13	3	10	91.4	1768	1992	11.979567	

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	6	99.7			0.396638	
1	2	6	69.4	1116		1.087877	
2	3	6	66.8	1315	1091	1.724191	
3	1	6	66.8			2.830661	
4	2	6	51.2	1657		3.475731	
5	1	6	93.6			4.029628	
6	1	6	63.3			4.965135	
7	2	6	84	1183		6.234347	1
8	1	6	93.6			6.861249	
9	1	6	86.8			7.218293	
10	2	6	95.7	1136		8.060189	
11	3	6	99.7	1521	1177	9.091595	
12	1	6	92.3			9.99542	
13	2	6	72.5	1141		11.159203	
14	2	6	84.6	1156		11.614723	

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	10	67.4	1731		0.166632	
1	2	10	56.9	1863		0.924621	
2	1	10	76.2			2.054159	
3	2	10	72.9	1704		2.560322	
4	1	10	72.9			3.688568	
5	2	10	85.3	1843		4.123079	
6	3	10	58.3	1233	1566	4.823074	
7	2	10	71.2	1805		5.987353	
8	2	10	75	1031		6.045348	1
9	2	10	51	1423		6.878105	
10	2	10	93	1642		7.913003	
11	3	10	57.7	1380	1029	8.45094	
12	2	10	87.9	1595		9.103991	
13	2	10	67.1	1269		10.112253	
14	1	10	65.6			10.714799	
15	1	10	86			11.752806	

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	6	92.7	1921		0.301608	1
1	1	6	71.4			0.802374	
2	2	6	85.2	1566		2.054583	
3	1	6	98.2			2.263706	
4	2	6	51.1	1932		2.971036	
5	2	6	62.1	1013		3.590777	
6	2	6	73.2	1801		4.851809	
7	2	6	65	1899		5.592517	
8	1	6	62.7			5.787687	
9	1	6	52.4			6.47703	
10	2	6	70.1	1529		7.437485	
11	1	6	69.6			8.150498	
12	1	6	60.1			8.96141	
13	3	6	51.7	1518	1993	9.263437	
14	2	6	86.7	1853		10.198881	
15	3	6	84.4	1885	1958	10.662728	
16	1	6	73			11.674876	

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	1011		0.165337	1
1	1	17	96.9			1.929594	
2	2	17	84.6	1610		2.795816	
3	1	17	59.5			3.338332	
4	1	17	87.2			4.772888	
5	3	17	55.3	1348	1725	5.637072	
6	1	17	84.6			6.741819	
7	1	17	96			8.578506	
8	2	17	73.2	1451		9.798074	
9	1	17	90.1			10.727401	
10	2	17	68.3	1104		11.627734	

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	7	65.4			0.480539	1
1	2	7	90	1179		1.620578	
2	2	7	85.7	1835		2.37731	
3	3	7	99.9	1219	1562	3.779787	
4	2	7	58.3	1818		4.97666	
5	2	7	76	1244		6.180141	
6	1	7	69.1			7.019154	
7	1	7	68.2			8.112197	
8	2	7	50.5	1398		8.800661	
9	3	7	89.7	1312	1618	10.265967	
10	2	7	87.7	1412		11.069175	

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	1	5	81.9			1.139955	1
1	2	5	79.9	1464		1.9642	
2	2	5	65.7	1611		3.276678	
3	1	5	53.3			3.932581	
4	3	5	58.7	1314	1551	5.074661	
5	2	5	75	1574		6.939883	
6	2	5	98.9	1633		7.698041	
7	2	5	74.4	1520		8.676301	
8	2	5	73.2	1449		9.765792	
9	2	5	55.4	1435		11.824662	

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	2	15	87.7	1392		0.097797	1
1	3	15	86.8	1751	1555	1.216463	
2	1	15	81.8			3.237537	
3	2	15	74.7	1143		4.096226	
4	3	15	75.5	1367	1890	5.748632	
5	2	15	87.8	1136		6.146199	
6	1	15	87.7			8.097634	
7	3	15	87.5	1327	1484	8.619543	
8	2	15	84.6	1102		10.297615	
9	2	15	68.5	1338		11.815195	

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	12	74.6	1246		0.632213	1
1	3	12	76.5	1575	1817	1.24271	
2	1	12	85.5			1.778886	
3	2	12	50.2	1266		2.493352	
4	2	12	74.9	1302		2.976896	
5	2	12	69.8	1187		3.756876	
6	2	12	93.1	1423		4.288115	
7	1	12	83.2			5.221495	
8	2	12	95.1	1043		5.604716	
9	2	12	95.2	1885		6.0468	
10	2	12	55.7	1114		6.997801	
11	1	12	52.9			7.816213	
12	3	12	81.4	1035	1830	8.052322	
13	2	12	64.6	1353		9.030534	
14	3	12	51.8	1503	1383	9.827363	
15	1	12	83.5			10.493037	
16	1	12	94.7			11.104603	
17	3	12	84.2	1149	1564	11.419928	

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	9	62.5	1828		0.649871	1
1	2	9	83.2	1485		2.137044	
2	2	9	63.5	1207		3.826172	
3	2	9	64.6	1428		5.380527	
4	2	9	64.1	1573		6.733963	
5	1	9	98.1			8.060058	
6	2	9	90	1343		10.04234	
7	3	9	63.7	1162	1382	10.996947	

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	15	59.1	1846	1142	0.133165	1
1	1	15	57.7			1.138027	
2	2	15	77.4	1720		1.540077	
3	2	15	74.4	1057		2.101167	
4	3	15	72.8	1847	1869	2.676593	
5	2	15	64.5	1232		3.431538	
6	1	15	79.9			4.317545	
7	3	15	83	1265	1634	4.812546	
8	2	15	79.1	1909		5.638538	
9	3	15	72.9	1791	1804	5.763836	
10	2	15	89.2	1213		6.423037	
11	2	15	84.1	1399		6.979665	
12	2	15	63.2	1055		8.162097	
13	2	15	65.7	1822		8.330388	
14	2	15	57.5	1772		9.071071	
15	3	15	99.9	1609	1409	9.519651	
16	2	15	62.3	1308		10.345811	
17	2	15	60.8	1120		10.99781	
18	1	15	86			11.454445	

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	13	96.6	1260		0.305298	1
1	2	13	68.9	1472		1.770768	
2	1	13	70.6			2.252245	
3	2	13	55.3	1787		3.526148	
4	3	13	50.7	1697	1404	4.249426	
5	2	13	99.4	1634		5.002248	
6	3	13	66.3	1692	1899	6.397204	
7	3	13	96.8	1647	1907	7.042107	
8	2	13	74.7	1941		8.784015	
9	1	13	60			9.846711	
10	1	13	84.9			10.726219	
11	2	13	98	1033		11.738403	

Bin5 Statistics 21

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	59.1	1641		0.331833	
1	2	14	56.9	1766		1.746104	
2	1	14	96			2.664045	
3	2	14	97.4	1249		4.22477	
4	1	14	71.4			4.757035	
5	3	14	87.7	1813	1421	6.338666	1
6	2	14	86.7	1572		7.389273	
7	3	14	65.3	1478	1226	7.960056	
8	2	14	90	1582		9.086555	
9	1	14	89.4			10.03403	
10	2	14	94.1	1401		11.543726	

Bin5 Statistics 22

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	99.2			0.390466	
1	1	17	80.3			1.510693	
2	3	17	65.7	1670	1977	2.394012	
3	2	17	58.5	1404		4.091037	
4	2	17	69	1143		5.274773	
5	2	17	56.3	1733		5.752962	1
6	3	17	87.2	1972	1822	6.546451	
7	3	17	94.2	1244	1672	8.242004	
8	2	17	93.9	1623		9.005575	
9	1	17	79.2			10.392155	
10	3	17	71.3	1563	1537	11.460033	

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	15	87.5	1965	1532	0.243561	
1	3	15	61.2	1606	1517	1.345396	
2	3	15	79.3	1846	1871	2.061175	
3	2	15	72.9	1851		2.370973	
4	2	15	96.9	1307		3.402858	
5	1	15	71.1			3.583046	
6	2	15	67.1	1990		4.913355	
7	2	15	63.5	1357		5.2293	
8	3	15	58.4	1462	1370	5.767948	1
9	3	15	87.4	1838	1400	6.818623	
10	2	15	87	1384		7.213915	
11	2	15	65	1016		8.107678	
12	2	15	79.3	1356		8.526876	
13	2	15	56.4	1163		9.186435	
14	1	15	90			10.191117	
15	2	15	97.9	1200		11.153368	
16	2	15	63.8	1195		11.86092	

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	18	80.5			0.510672	
1	2	18	69.7	1345		1.38645	
2	2	18	62.9	1467		1.521821	
3	2	18	67.9	1185		2.117816	
4	1	18	62.7			3.397926	
5	2	18	63.4	1182		3.983976	
6	1	18	52.5			4.286145	
7	2	18	91.5	1455		5.335324	
8	3	18	94.4	1095	1368	5.791292	1
9	1	18	77.5			6.682787	
10	2	18	57.8	1841		7.755026	
11	3	18	76	1648	1435	8.447551	
12	3	18	74	1276	1813	8.695745	
13	3	18	65.2	1433	1027	9.525685	
14	2	18	59.6	1163		9.969858	
15	2	18	89.7	1626		11.190046	
16	2	18	92.2	1452		11.532044	

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	3	13	82.1	1347	1371	0.270979	
1	1	13	50.8			1.044798	
2	2	13	65.4	1592		1.964246	
3	2	13	85.5	1069		3.131362	
4	2	13	88.5	1350		3.956331	
5	3	13	82.8	1929	1570	4.440918	
6	2	13	74.5	1036		5.232763	
7	2	13	79.7	1048		5.948005	1
8	2	13	56.1	1468		7.027136	
9	3	13	76.2	1993	1464	7.408066	
10	1	13	75.2			8.575933	
11	2	13	60.8	1289		9.572412	
12	3	13	78.6	1317	1823	9.65714	
13	2	13	60	1269		11.182209	
14	2	13	67.4	1214		11.762714	

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	100	1407		0.445139	
1	2	13	98.9	1780		1.039922	
2	2	13	80.2	1166		1.712355	
3	1	13	64.5			2.489094	
4	3	13	71.8	1334	1420	2.808349	
5	3	13	55.1	1384	1519	3.580511	
6	3	13	93.2	1548	1418	4.367403	
7	2	13	73.3	1397		4.992862	
8	3	13	57	1663	1154	5.393537	
9	3	13	89.8	1479	1182	6.221029	1
10	2	13	93.5	1868		6.711441	
11	3	13	77.5	1437	1963	7.248487	
12	1	13	98.9			7.88347	
13	3	13	84	1886	1482	8.391583	
14	1	13	74.9			9.468097	
15	1	13	68.1			10.064004	
16	2	13	83	1493		10.375084	
17	2	13	96.5	1530		11.251109	
18	3	13	86.4	1244	1378	11.492699	

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	7	67.1	1890	1669	0.096639	1
1	2	7	92.5	1401		0.805608	
2	3	7	51.9	1846	1097	1.423419	
3	3	7	64.4	1272	1247	2.23055	
4	1	7	66			2.413352	
5	2	7	86.9	1396		3.082058	
6	2	7	68.9	1270		4.030268	
7	2	7	94.2	1234		4.306242	
8	1	7	80.8			5.022881	
9	1	7	90.8			5.572818	
10	2	7	77.5	1751		6.472635	
11	2	7	55.8	1347		7.036469	
12	3	7	72.6	1329	1987	7.244974	
13	1	7	68.4			7.888938	
14	2	7	79.5	1893		8.534183	
15	2	7	53.9	1421		9.412245	
16	1	7	66.2			10.029732	
17	3	7	95.5	1946	1293	10.224453	
18	1	7	53.6			11.245402	
19	2	7	75.8	1718		11.771017	

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	3	6	65.2	1039	1765	0.197481	
1	3	6	64.7	1414	1340	1.198381	
2	2	6	75.7	1745		1.515688	
3	1	6	95.8			2.515052	
4	3	6	74.5	1548	1151	3.093332	
5	1	6	82.6			3.251823	
6	2	6	86.9	1434		4.296799	
7	2	6	65.3	1114		4.473723	
8	3	6	66.1	1998	1807	5.437076	
9	2	6	85.1	1622		5.849166	1
10	2	6	65.1	1100		6.378785	
11	2	6	77.2	1648		7.173886	
12	2	6	96.1	1244		7.813861	
13	1	6	57.9			8.74301	
14	3	6	95.3	1186	1728	9.262154	
15	1	6	76.8			9.775949	
16	3	6	78.1	1398	1469	10.456798	
17	2	6	98.3	1463		10.852742	
18	1	6	97.1			11.980852	

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	11	53.2	1618	1667	1.077838	1
1	3	11	85.2	1686	1234	1.906947	
2	2	11	74.7	1046		3.580633	
3	2	11	98	1063		5.956652	
4	2	11	93.3	1216		6.338702	
5	3	11	80.8	1926	1245	8.539613	
6	2	11	74.2	1198		10.165658	
7	2	11	69.7	1570		10.731083	

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	8	77.6	1756	1499	0.054657	1
1	3	8	66.5	1681	1313	0.816971	
2	1	8	91.4			2.097771	
3	2	8	72.1	1084		2.883792	
4	2	8	56.9	1667		3.689578	
5	3	8	52	1180	1254	4.145264	
6	2	8	70.3	1996		5.388466	
7	2	8	99	1087		5.922937	
8	1	8	59.7			6.559531	
9	1	8	62.2			7.689061	
10	2	8	98.8	1706		8.342399	
11	3	8	71.3	1722	1258	9.385783	
12	2	8	64.9	1611		10.224474	
13	2	8	77.3	1300		10.890716	
14	2	8	85.2	1126		11.679205	

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	5290	9	1	333	1	5690.0, 5261.0, 5614.0, 5375.0, 5465.0, 5689.0, 5671.0, 5699.0, 5720.0, 5310.0, 5394.0, 5677.0, 5418.0, 5361.0, 5553.0, 5674.0, 5607.0, 5672.0, 5352.0, 5659.0, 5579.0, 5254.0, 5510.0, 5539.0, 5488.0, 5460.0, 5715.0, 5251.0, 5530.0, 5462.0, 5493.0, 5694.0, 5557.0, 5482.0, 5330.0, 5584.0, 5450.0, 5573.0, 5622.0, 5721.0, 5666.0, 5319.0, 5583.0, 5540.0, 5708.0, 5600.0, 5442.0, 5518.0, 5327.0, 5492.0, 5458.0, 5507.0, 5401.0, 5392.0, 5358.0, 5383.0, 5386.0, 5318.0, 5496.0, 5336.0, 5713.0, 5643.0, 5435.0, 5628.0, 5559.0, 5604.0, 5598.0, 5634.0, 5543.0, 5636.0, 5376.0, 5698.0, 5609.0, 5497.0, 5545.0, 5704.0, 5714.0, 5379.0, 5591.0, 5582.0, 5612.0, 5454.0, 5541.0, 5475.0, 5359.0, 5258.0, 5298.0, 5620.0, 5546.0, 5381.0, 5436.0, 5521.0, 5664.0, 5501.0, 5277.0, 5431.0, 5483.0, 5447.0, 5508.0, 5722.0 (number of hits: 10)
2	5290	9	1	333	1	5408.0, 5698.0, 5283.0, 5515.0, 5282.0, 5708.0, 5535.0, 5628.0, 5630.0, 5646.0, 5657.0, 5489.0, 5689.0, 5346.0, 5477.0, 5478.0, 5414.0, 5681.0, 5387.0, 5721.0, 5514.0, 5601.0, 5264.0, 5365.0, 5327.0, 5460.0, 5651.0, 5380.0, 5375.0, 5533.0, 5520.0, 5716.0, 5351.0, 5564.0, 5422.0, 5553.0, 5298.0, 5654.0, 5530.0, 5480.0, 5611.0, 5693.0, 5357.0, 5329.0, 5603.0, 5315.0, 5599.0, 5360.0, 5494.0, 5613.0, 5667.0, 5372.0, 5318.0, 5467.0, 5519.0, 5498.0, 5577.0, 5652.0, 5314.0, 5574.0, 5313.0, 5356.0, 5709.0, 5426.0, 5668.0, 5692.0, 5557.0, 5565.0, 5447.0, 5582.0, 5605.0, 5470.0, 5717.0, 5396.0, 5463.0, 5354.0, 5518.0, 5290.0, 5457.0, 5381.0, 5415.0, 5284.0, 5363.0, 5384.0, 5388.0, 5413.0, 5595.0, 5597.0, 5623.0, 5706.0, 5695.0, 5269.0, 5606.0, 5686.0, 5522.0, 5347.0, 5633.0, 5342.0, 5471.0, 5523.0 (number of hits: 13)
3	5290	9	1	333	1	5572.0, 5544.0, 5352.0, 5311.0, 5654.0, 5553.0, 5597.0, 5711.0, 5574.0, 5385.0, 5588.0, 5294.0, 5407.0, 5429.0, 5306.0, 5324.0, 5712.0, 5532.0, 5361.0, 5377.0, 5509.0, 5531.0, 5590.0, 5507.0, 5647.0, 5492.0, 5493.0, 5501.0, 5282.0, 5687.0, 5364.0, 5594.0, 5462.0, 5709.0, 5606.0, 5392.0, 5435.0, 5453.0, 5519.0, 5601.0, 5286.0, 5551.0, 5558.0, 5434.0, 5611.0, 5278.0, 5480.0, 5565.0, 5425.0, 5660.0, 5367.0, 5403.0, 5602.0, 5701.0, 5292.0,

						5622.0, 5350.0, 5413.0, 5417.0, 5472.0, 5330.0, 5483.0, 5415.0, 5335.0, 5490.0, 5517.0, 5473.0, 5610.0, 5276.0, 5259.0, 5625.0, 5302.0, 5598.0, 5333.0, 5681.0, 5649.0, 5397.0, 5337.0, 5652.0, 5380.0, 5699.0, 5275.0, 5487.0, 5393.0, 5313.0, 5451.0, 5339.0, 5470.0, 5315.0, 5614.0, 5643.0, 5539.0, 5299.0, 5626.0, 5485.0, 5710.0, 5332.0, 5316.0, 5467.0, 5372.0 (number of hits: 16)
4	5290	9	1	333	1	5384.0, 5372.0, 5569.0, 5499.0, 5305.0, 5307.0, 5700.0, 5602.0, 5284.0, 5349.0, 5550.0, 5359.0, 5673.0, 5361.0, 5548.0, 5585.0, 5419.0, 5366.0, 5404.0, 5590.0, 5489.0, 5365.0, 5521.0, 5684.0, 5584.0, 5487.0, 5691.0, 5600.0, 5540.0, 5387.0, 5659.0, 5692.0, 5493.0, 5367.0, 5324.0, 5472.0, 5388.0, 5573.0, 5563.0, 5716.0, 5465.0, 5681.0, 5453.0, 5392.0, 5576.0, 5455.0, 5579.0, 5294.0, 5261.0, 5668.0, 5449.0, 5422.0, 5358.0, 5476.0, 5278.0, 5329.0, 5301.0, 5599.0, 5478.0, 5601.0, 5336.0, 5718.0, 5536.0, 5625.0, 5502.0, 5702.0, 5466.0, 5485.0, 5265.0, 5627.0, 5535.0, 5506.0, 5475.0, 5685.0, 5511.0, 5603.0, 5617.0, 5345.0, 5426.0, 5471.0, 5376.0, 5427.0, 5542.0, 5304.0, 5575.0, 5407.0, 5272.0, 5650.0, 5568.0, 5671.0, 5415.0, 5637.0, 5655.0, 5597.0, 5695.0, 5343.0, 5657.0, 5281.0, 5266.0, 5683.0 (number of hits: 14)
5	5290	9	1	333	1	5522.0, 5667.0, 5425.0, 5443.0, 5403.0, 5279.0, 5405.0, 5711.0, 5559.0, 5358.0, 5367.0, 5617.0, 5409.0, 5638.0, 5276.0, 5521.0, 5700.0, 5377.0, 5337.0, 5305.0, 5386.0, 5407.0, 5489.0, 5390.0, 5541.0, 5467.0, 5509.0, 5486.0, 5475.0, 5485.0, 5656.0, 5648.0, 5616.0, 5525.0, 5293.0, 5696.0, 5705.0, 5609.0, 5569.0, 5519.0, 5418.0, 5653.0, 5502.0, 5312.0, 5447.0, 5474.0, 5575.0, 5434.0, 5302.0, 5454.0, 5345.0, 5651.0, 5264.0, 5465.0, 5307.0, 5579.0, 5413.0, 5528.0, 5649.0, 5332.0, 5683.0, 5684.0, 5686.0, 5316.0, 5385.0, 5352.0, 5557.0, 5462.0, 5355.0, 5347.0, 5583.0, 5414.0, 5382.0, 5372.0, 5370.0, 5375.0, 5552.0, 5508.0, 5401.0, 5646.0, 5607.0, 5354.0, 5629.0, 5608.0, 5590.0, 5690.0, 5477.0, 5363.0, 5655.0, 5614.0, 5256.0, 5400.0, 5342.0, 5639.0, 5490.0, 5322.0, 5394.0, 5286.0, 5341.0, 5520.0 (number of hits: 12)
6	5290	9	1	333	1	5668.0, 5704.0, 5612.0, 5569.0, 5578.0, 5509.0, 5387.0, 5609.0, 5490.0, 5297.0, 5632.0, 5709.0, 5663.0, 5698.0, 5470.0, 5523.0, 5695.0, 5274.0, 5555.0, 5597.0, 5692.0, 5697.0, 5284.0, 5720.0, 5556.0, 5572.0, 5670.0, 5514.0, 5269.0, 5275.0, 5602.0, 5422.0, 5361.0, 5674.0, 5358.0,

						5399.0, 5520.0, 5375.0, 5389.0, 5418.0, 5443.0, 5327.0, 5267.0, 5380.0, 5527.0, 5349.0, 5562.0, 5461.0, 5396.0, 5312.0, 5600.0, 5489.0, 5491.0, 5347.0, 5672.0, 5685.0, 5554.0, 5564.0, 5369.0, 5684.0, 5538.0, 5428.0, 5286.0, 5366.0, 5678.0, 5462.0, 5403.0, 5448.0, 5447.0, 5446.0, 5300.0, 5411.0, 5341.0, 5649.0, 5262.0, 5435.0, 5348.0, 5408.0, 5357.0, 5567.0, 5502.0, 5647.0, 5689.0, 5681.0, 5335.0, 5519.0, 5439.0, 5553.0, 5345.0, 5518.0, 5440.0, 5619.0, 5533.0, 5503.0, 5525.0, 5615.0, 5325.0, 5660.0, 5367.0, 5390.0 (number of hits: 12)
7	5290	9	1	333	1	5423.0, 5528.0, 5685.0, 5394.0, 5524.0, 5265.0, 5663.0, 5293.0, 5315.0, 5468.0, 5617.0, 5326.0, 5557.0, 5450.0, 5573.0, 5558.0, 5529.0, 5664.0, 5464.0, 5491.0, 5302.0, 5554.0, 5515.0, 5604.0, 5312.0, 5542.0, 5479.0, 5635.0, 5496.0, 5415.0, 5526.0, 5311.0, 5680.0, 5537.0, 5640.0, 5454.0, 5449.0, 5670.0, 5682.0, 5535.0, 5591.0, 5254.0, 5672.0, 5559.0, 5446.0, 5641.0, 5276.0, 5532.0, 5351.0, 5379.0, 5352.0, 5494.0, 5371.0, 5272.0, 5623.0, 5321.0, 5416.0, 5435.0, 5456.0, 5445.0, 5560.0, 5467.0, 5633.0, 5288.0, 5305.0, 5425.0, 5546.0, 5466.0, 5443.0, 5655.0, 5671.0, 5433.0, 5402.0, 5646.0, 5444.0, 5405.0, 5630.0, 5645.0, 5482.0, 5322.0, 5516.0, 5492.0, 5548.0, 5581.0, 5335.0, 5310.0, 5697.0, 5344.0, 5474.0, 5632.0, 5258.0, 5596.0, 5550.0, 5618.0, 5638.0, 5522.0, 5434.0, 5669.0, 5389.0, 5544.0 (number of hits: 16)
8	5290	9	1	333	1	5328.0, 5713.0, 5300.0, 5431.0, 5292.0, 5620.0, 5537.0, 5602.0, 5689.0, 5493.0, 5458.0, 5346.0, 5469.0, 5468.0, 5696.0, 5295.0, 5720.0, 5618.0, 5447.0, 5534.0, 5370.0, 5478.0, 5565.0, 5450.0, 5687.0, 5471.0, 5442.0, 5627.0, 5629.0, 5418.0, 5446.0, 5286.0, 5354.0, 5662.0, 5355.0, 5339.0, 5333.0, 5268.0, 5539.0, 5532.0, 5425.0, 5287.0, 5466.0, 5511.0, 5594.0, 5387.0, 5552.0, 5358.0, 5445.0, 5344.0, 5334.0, 5669.0, 5361.0, 5656.0, 5642.0, 5336.0, 5430.0, 5650.0, 5641.0, 5654.0, 5398.0, 5356.0, 5434.0, 5395.0, 5453.0, 5575.0, 5636.0, 5559.0, 5394.0, 5349.0, 5470.0, 5676.0, 5660.0, 5374.0, 5718.0, 5671.0, 5473.0, 5293.0, 5255.0, 5413.0, 5664.0, 5258.0, 5593.0, 5678.0, 5697.0, 5406.0, 5564.0, 5311.0, 5320.0, 5397.0, 5521.0, 5651.0, 5475.0, 5483.0, 5576.0, 5571.0, 5437.0, 5444.0, 5711.0, 5587.0 (number of hits: 12)
9	5290	9	1	333	1	5705.0, 5437.0, 5450.0, 5692.0, 5362.0, 5713.0, 5712.0, 5577.0, 5326.0, 5709.0, 5636.0, 5385.0, 5549.0, 5630.0, 5413.0,

						5718.0, 5625.0, 5323.0, 5589.0, 5686.0, 5685.0, 5708.0, 5348.0, 5506.0, 5581.0, 5580.0, 5448.0, 5492.0, 5449.0, 5469.0, 5264.0, 5427.0, 5368.0, 5378.0, 5356.0, 5354.0, 5363.0, 5653.0, 5438.0, 5302.0, 5683.0, 5382.0, 5640.0, 5319.0, 5441.0, 5266.0, 5515.0, 5707.0, 5693.0, 5568.0, 5376.0, 5609.0, 5658.0, 5274.0, 5528.0, 5560.0, 5270.0, 5251.0, 5320.0, 5660.0, 5541.0, 5479.0, 5453.0, 5697.0, 5676.0, 5633.0, 5563.0, 5430.0, 5646.0, 5684.0, 5273.0, 5545.0, 5553.0, 5494.0, 5550.0, 5460.0, 5670.0, 5254.0, 5279.0, 5336.0, 5318.0, 5468.0, 5380.0, 5298.0, 5341.0, 5526.0, 5300.0, 5419.0, 5573.0, 5435.0, 5402.0, 5412.0, 5604.0, 5542.0, 5287.0, 5556.0, 5665.0, 5371.0, 5307.0, 5325.0 (number of hits: 19)
10	5290	9	1	333	1	5550.0, 5390.0, 5396.0, 5714.0, 5642.0, 5309.0, 5614.0, 5601.0, 5626.0, 5539.0, 5488.0, 5653.0, 5639.0, 5300.0, 5668.0, 5597.0, 5325.0, 5253.0, 5708.0, 5676.0, 5405.0, 5656.0, 5521.0, 5607.0, 5399.0, 5671.0, 5343.0, 5463.0, 5555.0, 5406.0, 5440.0, 5648.0, 5318.0, 5518.0, 5490.0, 5447.0, 5279.0, 5691.0, 5273.0, 5545.0, 5531.0, 5491.0, 5528.0, 5344.0, 5402.0, 5370.0, 5298.0, 5275.0, 5392.0, 5394.0, 5420.0, 5350.0, 5644.0, 5698.0, 5695.0, 5291.0, 5561.0, 5637.0, 5611.0, 5596.0, 5659.0, 5372.0, 5563.0, 5666.0, 5401.0, 5493.0, 5567.0, 5429.0, 5345.0, 5713.0, 5496.0, 5530.0, 5331.0, 5602.0, 5685.0, 5387.0, 5274.0, 5586.0, 5455.0, 5508.0, 5710.0, 5535.0, 5369.0, 5435.0, 5537.0, 5376.0, 5278.0, 5332.0, 5609.0, 5450.0, 5272.0, 5534.0, 5694.0, 5630.0, 5431.0, 5312.0, 5289.0, 5665.0, 5489.0, 5523.0 (number of hits: 15)
11	5290	9	1	333	1	5620.0, 5673.0, 5536.0, 5319.0, 5295.0, 5700.0, 5275.0, 5390.0, 5272.0, 5646.0, 5558.0, 5361.0, 5710.0, 5685.0, 5484.0, 5251.0, 5660.0, 5539.0, 5587.0, 5447.0, 5382.0, 5505.0, 5650.0, 5610.0, 5615.0, 5617.0, 5560.0, 5449.0, 5702.0, 5675.0, 5575.0, 5515.0, 5639.0, 5540.0, 5696.0, 5571.0, 5345.0, 5329.0, 5680.0, 5637.0, 5669.0, 5589.0, 5337.0, 5652.0, 5408.0, 5663.0, 5531.0, 5706.0, 5478.0, 5267.0, 5304.0, 5398.0, 5422.0, 5569.0, 5259.0, 5668.0, 5330.0, 5316.0, 5655.0, 5452.0, 5383.0, 5335.0, 5667.0, 5628.0, 5494.0, 5570.0, 5577.0, 5693.0, 5260.0, 5622.0, 5624.0, 5300.0, 5561.0, 5373.0, 5604.0, 5664.0, 5523.0, 5465.0, 5707.0, 5365.0, 5542.0, 5428.0, 5470.0, 5359.0, 5450.0, 5649.0, 5681.0, 5354.0, 5521.0, 5483.0, 5553.0, 5255.0, 5370.0, 5442.0, 5489.0, 5704.0, 5466.0, 5305.0, 5687.0, 5512.0

						(number of hits: 14)
12	5290	9	1	333	1	5415.0, 5577.0, 5264.0, 5337.0, 5382.0, 5513.0, 5343.0, 5661.0, 5290.0, 5684.0, 5484.0, 5472.0, 5672.0, 5423.0, 5333.0, 5478.0, 5384.0, 5559.0, 5652.0, 5449.0, 5425.0, 5503.0, 5630.0, 5568.0, 5490.0, 5276.0, 5260.0, 5615.0, 5716.0, 5688.0, 5450.0, 5359.0, 5274.0, 5287.0, 5396.0, 5522.0, 5400.0, 5306.0, 5358.0, 5315.0, 5589.0, 5627.0, 5617.0, 5673.0, 5596.0, 5685.0, 5681.0, 5676.0, 5429.0, 5706.0, 5283.0, 5600.0, 5531.0, 5714.0, 5712.0, 5340.0, 5574.0, 5544.0, 5414.0, 5471.0, 5383.0, 5464.0, 5674.0, 5713.0, 5538.0, 5336.0, 5521.0, 5541.0, 5489.0, 5270.0, 5466.0, 5341.0, 5573.0, 5585.0, 5552.0, 5547.0, 5265.0, 5420.0, 5329.0, 5507.0, 5514.0, 5437.0, 5548.0, 5493.0, 5687.0, 5346.0, 5296.0, 5598.0, 5372.0, 5444.0, 5482.0, 5592.0, 5374.0, 5699.0, 5470.0, 5411.0, 5254.0, 5626.0, 5367.0, 5539.0 (number of hits: 14)
13	5290	9	1	333	1	5643.0, 5701.0, 5287.0, 5537.0, 5524.0, 5386.0, 5595.0, 5404.0, 5587.0, 5275.0, 5431.0, 5685.0, 5419.0, 5616.0, 5360.0, 5556.0, 5288.0, 5356.0, 5516.0, 5362.0, 5566.0, 5645.0, 5323.0, 5385.0, 5691.0, 5415.0, 5543.0, 5525.0, 5629.0, 5397.0, 5373.0, 5427.0, 5326.0, 5720.0, 5638.0, 5673.0, 5485.0, 5410.0, 5697.0, 5331.0, 5296.0, 5718.0, 5322.0, 5521.0, 5698.0, 5395.0, 5333.0, 5630.0, 5539.0, 5371.0, 5318.0, 5374.0, 5511.0, 5687.0, 5677.0, 5295.0, 5676.0, 5447.0, 5656.0, 5355.0, 5346.0, 5377.0, 5704.0, 5349.0, 5660.0, 5284.0, 5538.0, 5479.0, 5634.0, 5679.0, 5316.0, 5367.0, 5270.0, 5497.0, 5452.0, 5606.0, 5272.0, 5608.0, 5319.0, 5451.0, 5547.0, 5709.0, 5614.0, 5476.0, 5378.0, 5658.0, 5529.0, 5345.0, 5303.0, 5291.0, 5692.0, 5505.0, 5509.0, 5336.0, 5394.0, 5522.0, 5721.0, 5574.0, 5389.0, 5436.0 (number of hits: 16)
14	5290	9	1	333	1	5450.0, 5490.0, 5706.0, 5721.0, 5601.0, 5418.0, 5317.0, 5278.0, 5425.0, 5443.0, 5537.0, 5401.0, 5587.0, 5489.0, 5463.0, 5626.0, 5586.0, 5256.0, 5279.0, 5479.0, 5712.0, 5528.0, 5634.0, 5358.0, 5434.0, 5689.0, 5403.0, 5701.0, 5312.0, 5435.0, 5550.0, 5516.0, 5402.0, 5442.0, 5413.0, 5375.0, 5541.0, 5567.0, 5294.0, 5636.0, 5551.0, 5504.0, 5556.0, 5265.0, 5414.0, 5511.0, 5599.0, 5529.0, 5458.0, 5640.0, 5449.0, 5356.0, 5376.0, 5388.0, 5693.0, 5431.0, 5497.0, 5341.0, 5582.0, 5364.0, 5525.0, 5369.0, 5622.0, 5344.0, 5313.0, 5386.0, 5603.0, 5617.0, 5499.0, 5696.0, 5408.0, 5421.0, 5433.0, 5303.0, 5380.0, 5491.0, 5428.0, 5291.0, 5600.0, 5624.0,

						5343.0, 5697.0, 5400.0, 5632.0, 5460.0, 5297.0, 5544.0, 5466.0, 5672.0, 5406.0, 5498.0, 5593.0, 5494.0, 5424.0, 5261.0, 5625.0, 5373.0, 5652.0, 5492.0, 5510.0 (number of hits: 12)
15	5290	9	1	333	1	5583.0, 5655.0, 5497.0, 5552.0, 5502.0, 5329.0, 5489.0, 5322.0, 5295.0, 5354.0, 5623.0, 5513.0, 5492.0, 5310.0, 5357.0, 5664.0, 5536.0, 5384.0, 5257.0, 5669.0, 5615.0, 5360.0, 5580.0, 5638.0, 5338.0, 5530.0, 5648.0, 5458.0, 5336.0, 5273.0, 5402.0, 5328.0, 5708.0, 5373.0, 5306.0, 5259.0, 5396.0, 5619.0, 5661.0, 5378.0, 5290.0, 5340.0, 5323.0, 5283.0, 5407.0, 5691.0, 5685.0, 5422.0, 5436.0, 5710.0, 5437.0, 5519.0, 5568.0, 5516.0, 5537.0, 5251.0, 5567.0, 5474.0, 5332.0, 5573.0, 5720.0, 5715.0, 5566.0, 5500.0, 5675.0, 5439.0, 5424.0, 5296.0, 5679.0, 5482.0, 5350.0, 5385.0, 5667.0, 5698.0, 5682.0, 5540.0, 5451.0, 5531.0, 5673.0, 5505.0, 5308.0, 5359.0, 5478.0, 5333.0, 5705.0, 5621.0, 5337.0, 5662.0, 5314.0, 5632.0, 5319.0, 5481.0, 5560.0, 5574.0, 5408.0, 5601.0, 5377.0, 5371.0, 5271.0, 5463.0 (number of hits: 18)
16	5290	9	1	333	1	5352.0, 5630.0, 5691.0, 5441.0, 5704.0, 5598.0, 5564.0, 5354.0, 5282.0, 5628.0, 5364.0, 5273.0, 5513.0, 5367.0, 5701.0, 5475.0, 5434.0, 5681.0, 5486.0, 5614.0, 5694.0, 5718.0, 5589.0, 5687.0, 5510.0, 5312.0, 5721.0, 5607.0, 5251.0, 5624.0, 5252.0, 5552.0, 5491.0, 5379.0, 5401.0, 5577.0, 5295.0, 5666.0, 5343.0, 5338.0, 5625.0, 5369.0, 5561.0, 5341.0, 5657.0, 5396.0, 5454.0, 5346.0, 5392.0, 5520.0, 5389.0, 5323.0, 5446.0, 5560.0, 5685.0, 5499.0, 5674.0, 5435.0, 5353.0, 5470.0, 5479.0, 5356.0, 5509.0, 5635.0, 5425.0, 5331.0, 5556.0, 5256.0, 5461.0, 5705.0, 5254.0, 5388.0, 5409.0, 5600.0, 5599.0, 5347.0, 5495.0, 5404.0, 5512.0, 5442.0, 5679.0, 5550.0, 5658.0, 5676.0, 5609.0, 5519.0, 5647.0, 5370.0, 5281.0, 5580.0, 5688.0, 5305.0, 5508.0, 5527.0, 5315.0, 5385.0, 5303.0, 5689.0, 5563.0, 5595.0 (number of hits: 13)
17	5290	9	1	333	1	5494.0, 5513.0, 5604.0, 5573.0, 5679.0, 5548.0, 5630.0, 5613.0, 5346.0, 5329.0, 5639.0, 5471.0, 5388.0, 5528.0, 5269.0, 5425.0, 5403.0, 5396.0, 5276.0, 5498.0, 5524.0, 5506.0, 5439.0, 5288.0, 5300.0, 5552.0, 5460.0, 5286.0, 5529.0, 5615.0, 5416.0, 5632.0, 5452.0, 5687.0, 5695.0, 5579.0, 5338.0, 5500.0, 5705.0, 5531.0, 5644.0, 5302.0, 5716.0, 5466.0, 5438.0, 5352.0, 5719.0, 5574.0, 5618.0, 5465.0, 5554.0, 5428.0, 5386.0, 5617.0, 5391.0, 5421.0, 5587.0, 5676.0, 5320.0, 5626.0,

						5514.0, 5400.0, 5467.0, 5311.0, 5278.0, 5602.0, 5488.0, 5541.0, 5570.0, 5540.0, 5267.0, 5621.0, 5279.0, 5275.0, 5503.0, 5330.0, 5510.0, 5663.0, 5700.0, 5576.0, 5407.0, 5616.0, 5271.0, 5332.0, 5348.0, 5419.0, 5284.0, 5310.0, 5476.0, 5692.0, 5282.0, 5544.0, 5377.0, 5462.0, 5368.0, 5583.0, 5423.0, 5623.0, 5413.0, 5387.0 (number of hits: 17)
18	5290	9	1	333	1	5318.0, 5459.0, 5310.0, 5288.0, 5606.0, 5576.0, 5588.0, 5490.0, 5575.0, 5435.0, 5353.0, 5474.0, 5297.0, 5550.0, 5512.0, 5673.0, 5345.0, 5301.0, 5488.0, 5261.0, 5599.0, 5466.0, 5367.0, 5390.0, 5643.0, 5573.0, 5321.0, 5591.0, 5382.0, 5619.0, 5556.0, 5358.0, 5672.0, 5389.0, 5504.0, 5717.0, 5447.0, 5289.0, 5687.0, 5494.0, 5371.0, 5438.0, 5605.0, 5375.0, 5535.0, 5260.0, 5401.0, 5252.0, 5589.0, 5677.0, 5624.0, 5602.0, 5386.0, 5572.0, 5359.0, 5472.0, 5272.0, 5330.0, 5316.0, 5356.0, 5603.0, 5319.0, 5296.0, 5632.0, 5521.0, 5489.0, 5649.0, 5270.0, 5685.0, 5536.0, 5354.0, 5384.0, 5700.0, 5661.0, 5281.0, 5614.0, 5705.0, 5721.0, 5558.0, 5481.0, 5483.0, 5509.0, 5444.0, 5275.0, 5399.0, 5640.0, 5418.0, 5501.0, 5478.0, 5352.0, 5505.0, 5678.0, 5458.0, 5256.0, 5693.0, 5499.0, 5625.0, 5722.0, 5697.0, 5692.0 (number of hits: 18)
19	5290	9	1	333	1	5457.0, 5302.0, 5336.0, 5386.0, 5555.0, 5681.0, 5618.0, 5461.0, 5464.0, 5594.0, 5264.0, 5527.0, 5509.0, 5298.0, 5723.0, 5371.0, 5380.0, 5355.0, 5534.0, 5559.0, 5714.0, 5370.0, 5275.0, 5297.0, 5389.0, 5610.0, 5719.0, 5449.0, 5607.0, 5660.0, 5514.0, 5469.0, 5700.0, 5433.0, 5645.0, 5517.0, 5330.0, 5649.0, 5703.0, 5378.0, 5416.0, 5503.0, 5497.0, 5519.0, 5459.0, 5572.0, 5626.0, 5335.0, 5646.0, 5544.0, 5305.0, 5702.0, 5284.0, 5686.0, 5677.0, 5422.0, 5362.0, 5256.0, 5257.0, 5391.0, 5278.0, 5488.0, 5476.0, 5446.0, 5353.0, 5562.0, 5324.0, 5600.0, 5642.0, 5579.0, 5273.0, 5557.0, 5639.0, 5356.0, 5601.0, 5712.0, 5332.0, 5715.0, 5687.0, 5644.0, 5390.0, 5262.0, 5296.0, 5439.0, 5288.0, 5617.0, 5467.0, 5586.0, 5549.0, 5522.0, 5463.0, 5622.0, 5409.0, 5541.0, 5631.0, 5684.0, 5718.0, 5345.0, 5505.0, 5690.0 (number of hits: 15)
20	5290	9	1	333	1	5662.0, 5383.0, 5618.0, 5548.0, 5616.0, 5475.0, 5255.0, 5464.0, 5376.0, 5428.0, 5395.0, 5462.0, 5413.0, 5358.0, 5472.0, 5534.0, 5303.0, 5366.0, 5432.0, 5486.0, 5338.0, 5494.0, 5394.0, 5650.0, 5309.0, 5487.0, 5592.0, 5519.0, 5675.0, 5417.0, 5661.0, 5422.0, 5501.0, 5311.0, 5520.0, 5478.0, 5264.0, 5286.0, 5480.0, 5510.0,

						5355.0, 5306.0, 5582.0, 5418.0, 5272.0, 5676.0, 5530.0, 5362.0, 5276.0, 5262.0, 5693.0, 5378.0, 5702.0, 5476.0, 5484.0, 5363.0, 5651.0, 5456.0, 5668.0, 5606.0, 5657.0, 5521.0, 5682.0, 5559.0, 5316.0, 5453.0, 5269.0, 5569.0, 5685.0, 5664.0, 5507.0, 5496.0, 5598.0, 5652.0, 5561.0, 5627.0, 5367.0, 5602.0, 5329.0, 5679.0, 5601.0, 5436.0, 5535.0, 5380.0, 5615.0, 5696.0, 5322.0, 5500.0, 5549.0, 5517.0, 5288.0, 5348.0, 5701.0, 5424.0, 5506.0, 5572.0, 5254.0, 5581.0, 5381.0, 5483.0 (number of hits: 16)
21	5290	9	1	333	1	5303.0, 5494.0, 5570.0, 5606.0, 5258.0, 5593.0, 5498.0, 5354.0, 5469.0, 5676.0, 5328.0, 5584.0, 5286.0, 5428.0, 5565.0, 5626.0, 5306.0, 5447.0, 5534.0, 5561.0, 5607.0, 5463.0, 5615.0, 5398.0, 5481.0, 5290.0, 5633.0, 5479.0, 5507.0, 5466.0, 5429.0, 5492.0, 5588.0, 5361.0, 5475.0, 5568.0, 5365.0, 5368.0, 5388.0, 5680.0, 5550.0, 5399.0, 5571.0, 5542.0, 5598.0, 5613.0, 5631.0, 5314.0, 5595.0, 5387.0, 5521.0, 5418.0, 5391.0, 5618.0, 5694.0, 5342.0, 5477.0, 5434.0, 5421.0, 5449.0, 5482.0, 5414.0, 5461.0, 5589.0, 5485.0, 5343.0, 5390.0, 5480.0, 5624.0, 5513.0, 5292.0, 5459.0, 5620.0, 5493.0, 5499.0, 5604.0, 5281.0, 5315.0, 5335.0, 5581.0, 5460.0, 5338.0, 5547.0, 5307.0, 5454.0, 5318.0, 5411.0, 5255.0, 5553.0, 5400.0, 5503.0, 5474.0, 5439.0, 5380.0, 5402.0, 5556.0, 5712.0, 5520.0, 5512.0, 5637.0 (number of hits: 13)
22	5290	9	1	333	1	5314.0, 5270.0, 5529.0, 5418.0, 5430.0, 5436.0, 5599.0, 5542.0, 5560.0, 5311.0, 5312.0, 5488.0, 5573.0, 5266.0, 5275.0, 5688.0, 5340.0, 5328.0, 5294.0, 5309.0, 5371.0, 5337.0, 5487.0, 5609.0, 5721.0, 5456.0, 5329.0, 5367.0, 5264.0, 5477.0, 5638.0, 5602.0, 5353.0, 5615.0, 5385.0, 5489.0, 5622.0, 5365.0, 5341.0, 5272.0, 5352.0, 5410.0, 5333.0, 5710.0, 5345.0, 5403.0, 5577.0, 5255.0, 5663.0, 5546.0, 5391.0, 5394.0, 5692.0, 5583.0, 5462.0, 5460.0, 5681.0, 5552.0, 5616.0, 5575.0, 5717.0, 5277.0, 5304.0, 5267.0, 5360.0, 5483.0, 5474.0, 5724.0, 5292.0, 5411.0, 5606.0, 5545.0, 5358.0, 5512.0, 5697.0, 5625.0, 5561.0, 5375.0, 5676.0, 5521.0, 5269.0, 5283.0, 5469.0, 5343.0, 5643.0, 5303.0, 5604.0, 5618.0, 5388.0, 5640.0, 5432.0, 5581.0, 5492.0, 5372.0, 5493.0, 5496.0, 5476.0, 5655.0, 5397.0, 5680.0 (number of hits: 20)
23	5290	9	1	333	1	5497.0, 5679.0, 5706.0, 5378.0, 5672.0, 5316.0, 5636.0, 5710.0, 5543.0, 5448.0, 5304.0, 5280.0, 5291.0, 5532.0, 5427.0, 5394.0, 5680.0, 5412.0, 5605.0, 5424.0,

						5527.0, 5417.0, 5299.0, 5374.0, 5684.0, 5530.0, 5484.0, 5475.0, 5257.0, 5560.0, 5622.0, 5263.0, 5252.0, 5579.0, 5452.0, 5571.0, 5298.0, 5313.0, 5642.0, 5494.0, 5354.0, 5386.0, 5507.0, 5400.0, 5683.0, 5652.0, 5704.0, 5340.0, 5546.0, 5610.0, 5335.0, 5290.0, 5365.0, 5500.0, 5350.0, 5279.0, 5332.0, 5539.0, 5548.0, 5466.0, 5471.0, 5713.0, 5619.0, 5292.0, 5459.0, 5625.0, 5598.0, 5536.0, 5324.0, 5443.0, 5367.0, 5436.0, 5349.0, 5270.0, 5327.0, 5398.0, 5481.0, 5556.0, 5506.0, 5651.0, 5262.0, 5364.0, 5673.0, 5709.0, 5408.0, 5269.0, 5628.0, 5544.0, 5266.0, 5318.0, 5696.0, 5569.0, 5480.0, 5278.0, 5321.0, 5573.0, 5288.0, 5621.0, 5595.0, 5664.0 (number of hits: 23)
24	5290	9	1	333	1	5714.0, 5649.0, 5500.0, 5322.0, 5557.0, 5600.0, 5299.0, 5485.0, 5385.0, 5358.0, 5261.0, 5659.0, 5495.0, 5440.0, 5307.0, 5541.0, 5273.0, 5497.0, 5349.0, 5598.0, 5708.0, 5655.0, 5538.0, 5344.0, 5443.0, 5374.0, 5306.0, 5426.0, 5722.0, 5474.0, 5469.0, 5700.0, 5715.0, 5644.0, 5582.0, 5487.0, 5388.0, 5403.0, 5508.0, 5671.0, 5647.0, 5256.0, 5334.0, 5597.0, 5575.0, 5646.0, 5595.0, 5479.0, 5638.0, 5459.0, 5381.0, 5536.0, 5568.0, 5656.0, 5556.0, 5285.0, 5696.0, 5437.0, 5318.0, 5338.0, 5464.0, 5627.0, 5537.0, 5481.0, 5611.0, 5289.0, 5658.0, 5257.0, 5357.0, 5685.0, 5298.0, 5667.0, 5441.0, 5484.0, 5377.0, 5475.0, 5501.0, 5323.0, 5596.0, 5272.0, 5623.0, 5640.0, 5252.0, 5370.0, 5613.0, 5456.0, 5483.0, 5564.0, 5414.0, 5599.0, 5580.0, 5462.0, 5313.0, 5465.0, 5355.0, 5383.0, 5560.0, 5253.0, 5297.0, 5554.0 (number of hits: 18)
25	5290	9	1	333	1	5447.0, 5633.0, 5524.0, 5411.0, 5474.0, 5705.0, 5678.0, 5603.0, 5519.0, 5673.0, 5664.0, 5543.0, 5571.0, 5655.0, 5575.0, 5273.0, 5657.0, 5659.0, 5295.0, 5345.0, 5713.0, 5436.0, 5711.0, 5475.0, 5573.0, 5632.0, 5382.0, 5344.0, 5667.0, 5542.0, 5466.0, 5459.0, 5589.0, 5374.0, 5281.0, 5347.0, 5334.0, 5257.0, 5508.0, 5552.0, 5297.0, 5607.0, 5635.0, 5285.0, 5483.0, 5722.0, 5602.0, 5442.0, 5256.0, 5328.0, 5572.0, 5522.0, 5702.0, 5547.0, 5545.0, 5464.0, 5433.0, 5537.0, 5384.0, 5262.0, 5649.0, 5526.0, 5616.0, 5342.0, 5500.0, 5618.0, 5647.0, 5636.0, 5637.0, 5457.0, 5564.0, 5445.0, 5272.0, 5437.0, 5629.0, 5613.0, 5482.0, 5538.0, 5491.0, 5476.0, 5283.0, 5622.0, 5723.0, 5577.0, 5368.0, 5407.0, 5254.0, 5640.0, 5709.0, 5304.0, 5631.0, 5415.0, 5259.0, 5579.0, 5284.0, 5301.0, 5462.0, 5656.0, 5574.0, 5410.0 (number of hits: 16)

26	5290	9	1	333	1	5527.0, 5427.0, 5251.0, 5722.0, 5604.0, 5522.0, 5412.0, 5261.0, 5278.0, 5447.0, 5471.0, 5406.0, 5311.0, 5486.0, 5265.0, 5321.0, 5626.0, 5539.0, 5499.0, 5642.0, 5308.0, 5386.0, 5583.0, 5369.0, 5478.0, 5452.0, 5394.0, 5485.0, 5297.0, 5416.0, 5293.0, 5654.0, 5269.0, 5464.0, 5713.0, 5289.0, 5505.0, 5650.0, 5349.0, 5678.0, 5448.0, 5717.0, 5502.0, 5628.0, 5596.0, 5633.0, 5607.0, 5405.0, 5683.0, 5456.0, 5253.0, 5371.0, 5582.0, 5454.0, 5591.0, 5704.0, 5305.0, 5310.0, 5706.0, 5414.0, 5413.0, 5590.0, 5711.0, 5508.0, 5581.0, 5408.0, 5420.0, 5267.0, 5659.0, 5270.0, 5540.0, 5638.0, 5699.0, 5622.0, 5353.0, 5493.0, 5491.0, 5536.0, 5299.0, 5291.0, 5578.0, 5479.0, 5551.0, 5288.0, 5309.0, 5620.0, 5679.0, 5481.0, 5537.0, 5569.0, 5263.0, 5317.0, 5458.0, 5532.0, 5316.0, 5324.0, 5635.0, 5634.0, 5411.0, 5390.0 (number of hits: 24)
27	5290	9	1	333	1	5292.0, 5311.0, 5276.0, 5680.0, 5344.0, 5444.0, 5447.0, 5370.0, 5589.0, 5612.0, 5522.0, 5691.0, 5556.0, 5495.0, 5497.0, 5572.0, 5663.0, 5558.0, 5717.0, 5412.0, 5653.0, 5606.0, 5689.0, 5458.0, 5402.0, 5602.0, 5649.0, 5410.0, 5377.0, 5619.0, 5608.0, 5372.0, 5722.0, 5636.0, 5255.0, 5416.0, 5439.0, 5479.0, 5307.0, 5471.0, 5274.0, 5654.0, 5674.0, 5563.0, 5628.0, 5567.0, 5677.0, 5324.0, 5585.0, 5320.0, 5688.0, 5435.0, 5445.0, 5282.0, 5623.0, 5546.0, 5660.0, 5301.0, 5430.0, 5315.0, 5442.0, 5465.0, 5441.0, 5364.0, 5418.0, 5254.0, 5489.0, 5323.0, 5388.0, 5685.0, 5670.0, 5714.0, 5358.0, 5571.0, 5448.0, 5610.0, 5581.0, 5561.0, 5639.0, 5520.0, 5250.0, 5453.0, 5515.0, 5605.0, 5587.0, 5329.0, 5361.0, 5523.0, 5498.0, 5496.0, 5651.0, 5279.0, 5256.0, 5613.0, 5615.0, 5434.0, 5697.0, 5373.0, 5703.0, 5460.0 (number of hits: 17)
28	5290	9	1	333	1	5573.0, 5281.0, 5619.0, 5383.0, 5539.0, 5280.0, 5716.0, 5699.0, 5709.0, 5263.0, 5462.0, 5632.0, 5645.0, 5251.0, 5536.0, 5515.0, 5553.0, 5532.0, 5460.0, 5405.0, 5683.0, 5721.0, 5353.0, 5443.0, 5336.0, 5360.0, 5426.0, 5650.0, 5570.0, 5325.0, 5673.0, 5341.0, 5481.0, 5663.0, 5302.0, 5286.0, 5415.0, 5385.0, 5625.0, 5636.0, 5643.0, 5413.0, 5678.0, 5452.0, 5402.0, 5614.0, 5529.0, 5425.0, 5296.0, 5688.0, 5595.0, 5321.0, 5439.0, 5723.0, 5258.0, 5687.0, 5477.0, 5343.0, 5389.0, 5681.0, 5363.0, 5395.0, 5695.0, 5591.0, 5680.0, 5640.0, 5544.0, 5525.0, 5642.0, 5714.0, 5303.0, 5267.0, 5448.0, 5467.0, 5466.0, 5593.0, 5373.0, 5428.0, 5407.0, 5268.0, 5528.0, 5404.0, 5543.0, 5576.0, 5449.0,

						5432.0, 5551.0, 5313.0, 5717.0, 5603.0, 5609.0, 5698.0, 5662.0, 5588.0, 5355.0, 5577.0, 5319.0, 5442.0, 5366.0, 5686.0 (number of hits: 15)
29	5290	9	1	333	1	5467.0, 5307.0, 5491.0, 5661.0, 5419.0, 5706.0, 5394.0, 5608.0, 5347.0, 5446.0, 5482.0, 5476.0, 5542.0, 5552.0, 5564.0, 5645.0, 5537.0, 5449.0, 5533.0, 5296.0, 5334.0, 5494.0, 5426.0, 5284.0, 5421.0, 5323.0, 5286.0, 5551.0, 5319.0, 5251.0, 5454.0, 5614.0, 5644.0, 5546.0, 5486.0, 5659.0, 5416.0, 5584.0, 5390.0, 5429.0, 5561.0, 5527.0, 5545.0, 5272.0, 5642.0, 5333.0, 5719.0, 5515.0, 5662.0, 5363.0, 5598.0, 5376.0, 5258.0, 5722.0, 5687.0, 5318.0, 5523.0, 5441.0, 5718.0, 5361.0, 5254.0, 5406.0, 5548.0, 5300.0, 5440.0, 5709.0, 5328.0, 5547.0, 5670.0, 5420.0, 5653.0, 5366.0, 5569.0, 5609.0, 5516.0, 5637.0, 5295.0, 5425.0, 5671.0, 5563.0, 5517.0, 5312.0, 5369.0, 5351.0, 5617.0, 5716.0, 5299.0, 5619.0, 5412.0, 5692.0, 5443.0, 5633.0, 5635.0, 5521.0, 5301.0, 5327.0, 5252.0, 5310.0, 5304.0, 5292.0 (number of hits: 22)
30	5290	9	1	333	1	5717.0, 5685.0, 5541.0, 5333.0, 5628.0, 5603.0, 5282.0, 5331.0, 5647.0, 5356.0, 5539.0, 5296.0, 5260.0, 5256.0, 5648.0, 5715.0, 5317.0, 5428.0, 5276.0, 5634.0, 5516.0, 5664.0, 5597.0, 5623.0, 5586.0, 5438.0, 5572.0, 5689.0, 5565.0, 5494.0, 5378.0, 5591.0, 5264.0, 5608.0, 5274.0, 5320.0, 5632.0, 5598.0, 5252.0, 5390.0, 5532.0, 5504.0, 5592.0, 5462.0, 5430.0, 5641.0, 5637.0, 5383.0, 5577.0, 5291.0, 5626.0, 5562.0, 5385.0, 5366.0, 5721.0, 5513.0, 5615.0, 5638.0, 5553.0, 5441.0, 5349.0, 5442.0, 5288.0, 5482.0, 5316.0, 5259.0, 5660.0, 5321.0, 5470.0, 5403.0, 5498.0, 5427.0, 5453.0, 5302.0, 5573.0, 5423.0, 5371.0, 5452.0, 5297.0, 5289.0, 5556.0, 5550.0, 5434.0, 5688.0, 5267.0, 5535.0, 5400.0, 5329.0, 5526.0, 5708.0, 5524.0, 5503.0, 5492.0, 5566.0, 5324.0, 5261.0, 5393.0, 5253.0, 5564.0, 5411.0 (number of hits: 23)

5500 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	93.3 %	60%	Pass
Type 4	30	83.3 %	60%	Pass
Aggregate (Type1 to 4)	120	94.2 %	80%	Pass
Type 5	30	96.67 %	80%	Pass
Type 6	30	96.7 %	70%	Pass

Please refer to the following statistical tables:

5500 MHz, 20 MHz Bandwidth

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	63	1	838	1
2	5500	57	1	938	1
3	5500	67	1	798	1
4	5500	65	1	818	1
5	5500	18	1	3066	1
6	5500	95	1	558	1
7	5500	81	1	658	1
8	5500	59	1	898	1
9	5500	72	1	738	1
10	5500	83	1	638	1
11	5500	68	1	778	1
12	5500	86	1	618	1
13	5500	74	1	718	1
14	5500	70	1	758	1
15	5500	62	1	858	1
16	5500	31	1	1755	1
17	5500	80	1	668	1
18	5500	49	1	1094	1
19	5500	23	1	2326	1
20	5500	29	1	1880	1
21	5500	30	1	1818	1
22	5500	20	1	2649	1
23	5500	19	1	2915	1
24	5500	85	1	622	1
25	5500	24	1	2207	1
26	5500	44	1	1214	1
27	5500	57	1	932	1
28	5500	36	1	1495	1
29	5500	68	1	777	1
30	5500	55	1	975	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	24	1	158	1
2	5500	24	3.2	217	1
3	5500	27	4.4	151	1
4	5500	24	2.1	175	1
5	5500	28	1.8	166	1
6	5500	29	4.8	215	1
7	5500	26	1	186	1
8	5500	29	4.9	228	1
9	5500	25	1	177	1
10	5500	26	2.9	165	1
11	5500	29	1.3	216	1
12	5500	23	2.3	160	1
13	5500	27	4.3	161	1
14	5500	28	1.5	193	1
15	5500	24	2	175	1
16	5500	29	1.3	181	1
17	5500	27	3.6	222	1
18	5500	24	4.4	201	1
19	5500	28	2.8	202	1
20	5500	28	4.6	201	1
21	5500	27	1.9	215	1
22	5500	25	3.4	157	1
23	5500	28	2	218	1
24	5500	29	1.2	200	1
25	5500	28	2.2	195	1
26	5500	28	4.7	178	1
27	5500	28	4.6	160	1
28	5500	28	3.5	157	1
29	5500	23	3.8	170	1
30	5500	28	4.9	221	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	17	6.6	384	1
2	5500	17	8.6	268	1
3	5500	18	9.8	356	1
4	5500	18	8.5	340	1
5	5500	18	9.5	492	1
6	5500	18	6	311	1
7	5500	18	6	221	0
8	5500	16	9.7	404	1
9	5500	18	9.5	358	1
10	5500	18	7.7	346	1
11	5500	17	6.6	313	1
12	5500	17	8.1	452	1
13	5500	18	8.1	276	1
14	5500	18	7.9	356	1
15	5500	16	7.6	477	1
16	5500	17	7.2	201	0
17	5500	18	8.2	262	1
18	5500	16	8.6	358	1
19	5500	16	6.3	361	1
20	5500	17	8.4	332	1
21	5500	18	8.8	392	1
22	5500	16	8.5	427	1
23	5500	17	8.4	461	1
24	5500	17	8.7	272	1
25	5500	17	6.5	301	1
26	5500	16	7.1	431	1
27	5500	16	6.2	420	1
28	5500	17	8.3	350	1
29	5500	18	7	360	1
30	5500	18	7.5	491	1
Detection Percentage: 93.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	14	14.9	418	1
2	5500	14	12.6	415	1
3	5500	14	12	498	
4	5500	12	19.9	457	1
5	5500	16	11	286	1
6	5500	13	18.1	337	
7	5500	16	18.9	470	1
8	5500	15	14.4	284	1
9	5500	16	14.4	214	1
10	5500	13	16	384	1
11	5500	13	13.2	445	1
12	5500	12	16.6	343	1
13	5500	12	11.2	474	
14	5500	16	18.9	302	1
15	5500	16	14.6	325	1
16	5500	14	12.1	408	1
17	5500	15	18.5	224	
18	5500	14	11.8	279	1
19	5500	16	17.3	344	1
20	5500	12	15	245	1
21	5500	13	16.4	319	1
22	5500	12	12.8	371	1
23	5500	15	11.3	270	1
24	5500	16	14.8	340	1
25	5500	16	13.9	226	1
26	5500	12	14.3	204	
27	5500	12	18.9	487	1
28	5500	12	11.7	370	1
29	5500	12	14.9	438	1
30	5500	16	18.8	308	1
Detection Percentage: 83.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5520	1
2	5520	1
3	5520	1
4	5520	1
5	5520	1
6	5520	1
7	5520	1
8	5520	1
9	5520	1
10	5520	1
11	5493.9	1
12	5499.5	0
13	5493.5	1
14	5494.7	1
15	5494.3	1
16	5496.3	1
17	5498.3	1
18	5495.9	1
19	5499.1	1
20	5495.1	1
21	5503.6	1
22	5503.6	1
23	5504.4	1
24	5502.4	1
25	5505.6	1
26	5504.8	1
27	5504.0	1
28	5504.8	1
29	5506.8	1
30	5504.0	1
Detection Percentage: 96.67 % (>80%)		

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	11	97.6	1447		0.334187	
1	1	11	89.1			1.30893	
2	2	11	84.5	1762		2.321664	
3	1	11	66.3			2.739533	
4	2	11	93.3	1600		3.746051	
5	2	11	84.9	1977		4.524509	
6	3	11	58.3	1226	1478	5.558663	
7	2	11	86	1347		6.233274	1
8	1	11	92.6			6.752621	
9	1	11	98.5			7.649027	
10	2	11	53.3	1039		8.403154	
11	2	11	78	1414		9.571663	
12	2	11	60.6	1640		10.174682	
13	2	11	83.3	1560		10.75718	
14	2	11	75.5	1543		11.619064	

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	10	80.4			0.273427	
1	3	10	55.9	1453	1768	1.173966	
2	2	10	63.2	1220		1.441075	
3	2	10	94.2	1788		1.954513	
4	2	10	66.4	1108		2.58421	
5	2	10	89.5	1829		3.185969	
6	2	10	62.3	1362		3.927482	
7	3	10	55.8	1843	1165	4.657219	
8	1	10	72			5.41956	
9	1	10	95.5			6.077357	1
10	3	10	57.8	1705	1547	6.733336	
11	2	10	91.9	1795		7.468774	
12	1	10	77.3			7.773649	
13	1	10	98.2			8.776278	
14	1	10	75.5			9.094222	
15	3	10	98.7	1492	1131	9.922081	
16	2	10	86.5	1822		10.671988	
17	2	10	91	1927		11.020608	
18	3	10	86.1	1252	1624	11.597146	

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	3	14	54.1	1323	1441	0.598117	1
1	1	14	69			0.875209	
2	3	14	60.1	1160	1871	2.167609	
3	3	14	79.4	1311	1044	2.829975	
4	1	14	78.3			3.863948	
5	2	14	98.1	1190		4.357435	
6	2	14	54.2	1894		5.587211	
7	2	14	63	1361		6.097695	
8	1	14	61			6.47848	
9	2	14	58.8	1041		7.271141	
10	3	14	72.3	1677	1999	8.624679	
11	3	14	72.3	1000	1404	9.332178	
12	1	14	56.3			10.361427	
13	3	14	70.5	1542	1597	10.527382	
14	2	14	71.1	1478		11.714927	

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	5	92.9	1292		0.710458	1
1	2	5	65.4	1880		1.724613	
2	2	5	85.9	1844		2.237856	
3	2	5	55.9	1743		3.839673	
4	1	5	97.9			4.832106	
5	1	5	86.4			5.366125	
6	2	5	95.5	1622		6.751686	
7	2	5	68.5	1228		7.691135	
8	1	5	88.4			8.94982	
9	1	5	57.8			9.745394	
10	3	5	53.8	1888	1987	10.186239	
11	3	5	69.9	1291	1065	11.307683	

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	10	78.3	1843		0.14805	1
1	3	10	59.6	1309	1139	1.397252	
2	2	10	85.5	1850		1.929501	
3	3	10	79.9	1094	1353	2.753598	
4	2	10	62.5	1485		3.579243	
5	1	10	98.5			4.195253	
6	2	10	68	1352		5.027794	
7	1	10	75.9			5.57334	
8	1	10	76.4			6.16793	
9	2	10	88.4	1110		7.494435	
10	2	10	73.2	1808		8.243908	
11	2	10	92.9	1751		8.627174	
12	2	10	51.8	1011		9.372205	
13	2	10	72.1	1893		10.12644	
14	2	10	94.5	1797		11.200121	
15	3	10	59.4	1005	1951	11.720594	

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	8	70	1511		0.716623	1
1	2	8	91	1121		1.494687	
2	3	8	93	1336	1451	2.786887	
3	2	8	72.8	1948		3.978752	
4	2	8	77	1688		5.502335	
5	3	8	66.7	1322	1739	7.148268	
6	1	8	98.8			7.306342	
7	2	8	66	1955		9.43771	
8	3	8	72.2	1322	1995	10.598093	
9	2	8	59.5	1490		11.913098	

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	13	72.8	1207		0.672771	1
1	2	13	99.6	1805		1.092663	
2	3	13	50.9	1269	1487	1.534208	
3	1	13	69.6			2.883931	
4	3	13	88.2	1539	1473	3.616063	
5	2	13	72.1	1956		4.461866	
6	2	13	50.5	1870		4.925746	
7	2	13	55.5	1917		5.924197	
8	3	13	93.9	1914	1672	6.150617	
9	2	13	97.5	1824		6.761514	
10	1	13	56			8.108525	
11	3	13	79.8	1813	1190	8.718277	
12	3	13	85.9	1173	1666	9.456982	
13	1	13	73.3			10.393799	
14	2	13	84.3	1482		11.044948	
15	1	13	95.7			11.638999	

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	11	72.3	1280		0.344793	1
1	2	11	84.6	1212		1.457425	
2	1	11	62.5			2.155879	
3	2	11	71.7	1214		2.645787	
4	3	11	52.1	1595	1533	3.410964	
5	1	11	86			4.375055	
6	3	11	60.3	1078	1921	4.815908	
7	3	11	95.3	1440	1740	5.842053	
8	2	11	59.7	1984		6.031601	
9	2	11	71.5	1737		7.456682	
10	2	11	70.3	1589		8.160355	
11	2	11	92.7	1361		8.326484	
12	1	11	65.7			9.143451	
13	2	11	57.9	1512		10.403918	
14	3	11	74.1	1818	1553	10.671876	
15	3	11	89.3	1906	1905	11.879054	

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	54.1			0.376444	1
1	2	8	57.6	1746		1.440892	
2	2	8	74	1255		1.642008	
3	3	8	91.6	1287	1077	2.94398	
4	3	8	51.2	1421	1564	3.281619	
5	3	8	67.7	1954	1861	3.996141	
6	2	8	92.4	1181		5.200364	
7	1	8	96.2			5.917804	
8	3	8	92.5	1038	1432	6.322291	
9	1	8	86.5			6.784208	
10	2	8	63.1	1311		7.569473	
11	2	8	60.6	1545		8.330268	
12	2	8	63.1	1628		9.211923	
13	2	8	75.7	1038		10.362777	
14	3	8	96.6	1782	1332	11.135111	
15	2	8	67.5	1664		11.700085	

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	12	87.4			1.039501	1
1	2	12	84.5	1852		1.883825	
2	2	12	92.3	1600		2.7133	
3	2	12	97.5	1281		4.324329	
4	1	12	76.7			5.097855	
5	3	12	94.4	1984	1150	6.507554	
6	2	12	90.8	1320		7.391762	
7	1	12	89.1			8.603946	
8	3	12	79.4	1243	1380	8.89537	
9	2	12	59.4	1946		10.090691	
10	1	12	67.6			11.738803	

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	63.3	1960	1506	0.996487	
1	2	6	60.2	1005		1.938908	
2	1	6	92.5			2.805992	
3	2	6	83.8	1167		3.872485	
4	2	6	77.5	1099		5.205005	
5	2	6	79.7	1352		5.824828	1
6	1	6	99.6			6.973339	
7	3	6	59	1108	1268	8.525623	
8	3	6	53	1590	1625	9.188649	
9	3	6	92.8	1139	1917	10.238654	
10	2	6	77.9	1940		11.943884	

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	68.9	1747		0.203676	
1	1	20	71.1			0.951489	
2	3	20	69.6	1624	1374	1.24718	
3	1	20	94			1.883625	
4	2	20	92.8	1315		2.870129	
5	3	20	91.5	1023	1436	3.365338	
6	3	20	64.3	1308	1612	3.967118	
7	3	20	59.5	1019	1106	4.707581	
8	2	20	97.2	1511		4.883388	
9	2	20	84.6	1337		5.82479	
10	1	20	82.5			6.259049	1
11	3	20	82.2	1622	1669	6.704466	
12	2	20	90.9	1877		7.284379	
13	3	20	97.6	1347	1292	8.331364	
14	2	20	57	1605		8.455913	
15	3	20	52.6	1134	1105	9.373148	
16	2	20	59.5	1667		9.617114	
17	2	20	54.8	1914		10.756476	
18	2	20	98.4	1519		11.323026	
19	2	20	53.7	1269		11.528662	

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	5	53.4			0.491368	
1	2	5	79.9	1955		1.318499	
2	1	5	58.3			2.672373	
3	1	5	58.1			3.227819	
4	1	5	52.8			3.700834	
5	3	5	99.8	1201	1837	5.225894	
6	3	5	69.8	1139	1229	6.274048	1
7	3	5	73.1	1001	1843	7.107292	
8	1	5	69.7			7.845383	
9	1	5	88.1			8.535416	
10	1	5	53.6			10.007877	
11	2	5	58.7	1674		10.288319	
12	2	5	60.3	1047		11.783918	

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	8	55.1	1969		0.6293	
1	1	8	50.7			1.643035	
2	1	8	93.3			2.136529	
3	2	8	70.4	1498		3.603245	
4	2	8	82.2	1656		4.10975	
5	1	8	91.6			5.360354	
6	2	8	80.6	1285		5.99546	1
7	2	8	93.7	1800		6.755883	
8	2	8	50.3	1907		8.048335	
9	3	8	57.4	1667	1262	8.775665	
10	1	8	62.2			9.360293	
11	1	8	94.2			10.906451	
12	2	8	72.5	1743		11.519595	

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	2	7	65.4	1700		0.080109	1
1	1	7	92.9			0.848611	
2	2	7	65.1	1023		1.850244	
3	1	7	77.6			2.52277	
4	2	7	55.8	1800		3.152796	
5	1	7	91.3			3.862125	
6	1	7	78			4.296182	
7	2	7	74.4	1583		5.196518	
8	2	7	75.2	1627		5.351589	
9	1	7	57.2			6.538764	
10	2	7	82	1888		6.978529	
11	2	7	68.3	1284		7.547386	
12	1	7	85.2			8.40725	
13	3	7	97.7	1144	1443	8.711244	
14	3	7	54.7	1050	1259	9.537284	
15	2	7	79.6	1602		10.161054	
16	3	7	99	1567	1034	10.885047	
17	1	7	57			11.900872	

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	12	85.9			0.570342	1
1	2	12	64.5	1186		1.941862	
2	2	12	83.5	1554		3.390873	
3	2	12	63.5	1803		4.301283	
4	2	12	59.4	1481		4.998767	
5	2	12	85.5	1193		6.732629	
6	1	12	57.8			7.639535	
7	2	12	64.6	1442		9.011984	
8	2	12	92.5	1472		10.125337	
9	1	12	94.1			11.33318	

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	17	52	1366		0.544132	
1	1	17	65.7			0.899536	
2	2	17	59.5	1760		1.583378	
3	2	17	59.6	1440		2.78299	
4	3	17	51.9	1692	1755	2.906637	
5	3	17	81	1630	1217	3.762222	
6	3	17	82.6	1058	1170	4.716023	
7	1	17	91.1			5.156483	
8	3	17	74.4	1817	1216	6.274429	0
9	1	17	73.6			6.747896	
10	2	17	53.7	1212		7.406476	
11	3	17	84.6	1476	1082	8.208387	
12	3	17	75.6	1180	1503	8.485922	
13	2	17	91.3	1462		9.375582	
14	1	17	54.7			9.951373	
15	3	17	100	1252	1458	11.143583	
16	3	17	50.8	1772	1422	11.39291	

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	11	96.3			0.504282	
1	2	11	98.7	1978		1.522643	
2	2	11	82.5	1224		2.333201	
3	2	11	68.5	1799		2.496671	
4	2	11	66.1	1344		3.360793	
5	2	11	52.1	1482		4.531887	
6	1	11	65.3			5.559427	
7	2	11	76	1938		6.230442	1
8	2	11	98.2	1186		6.58641	
9	3	11	98.3	1181	1255	7.734966	
10	3	11	60.5	1028	1757	8.063152	
11	2	11	81.7	1156		9.025893	
12	2	11	86.6	1521		10.251602	
13	1	11	88.5			10.73207	
14	2	11	74.6	1400		11.27315	

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	19	94.5			0.046355	
1	1	19	55.9			1.924804	
2	1	19	50.5			2.233744	
3	2	19	76.8	1642		3.385681	
4	3	19	72.4	1005	1766	5.351059	
5	2	19	92.1	1434		5.964895	1
6	2	19	80.8	1184		7.546681	
7	1	19	98.3			7.855907	
8	1	19	96.9			9.446486	
9	2	19	73.2	1421		10.357533	
10	2	19	70.8	1224		11.355538	

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	9	87.8	1506		0.796167	
1	2	9	76.1	1028		2.043971	
2	3	9	89.7	1532	1014	3.046968	
3	2	9	72.6	1813		3.528413	
4	3	9	89.3	1340	1077	5.276942	
5	1	9	61.7			5.835601	1
6	1	9	62.7			6.579993	
7	2	9	74.4	1172		8.081704	
8	1	9	96.8			8.968333	
9	1	9	68.1			9.980431	
10	3	9	87	1599	1501	10.985459	

Bin5 Statistics 21

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	67.6			0.368889	1
1	1	16	82.4			0.858619	
2	2	16	87.3	1510		1.53974	
3	1	16	76.3			2.737329	
4	2	16	88.5	1629		3.660703	
5	2	16	78.9	1141		3.75145	
6	2	16	97.5	1555		5.24175	
7	2	16	67.6	1073		5.396968	
8	1	16	86.7			6.208243	
9	1	16	77.1			7.248314	
10	2	16	91.8	1444		8.172269	
11	3	16	84.2	1272	1695	8.484957	
12	2	16	93	1349		9.009117	
13	2	16	60.8	1220		10.023286	
14	2	16	68.7	1552		11.055525	
15	2	16	85.4	1455		11.677426	

Bin5 Statistics 22

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	61.4	1395		0.155621	1
1	3	16	98.4	1347	1094	1.147073	
2	2	16	60.5	1309		2.340114	
3	2	16	85.7	1674		2.950637	
4	1	16	85.5			3.992119	
5	2	16	91.9	1312		4.134868	
6	1	16	80.8			5.144038	
7	1	16	90.2			6.11133	
8	1	16	79.9			7.169663	
9	2	16	51.3	1129		7.637243	
10	2	16	64.8	1355		8.334374	
11	2	16	89.2	1735		9.417629	
12	3	16	53.3	1646	1837	9.832723	
13	2	16	51.6	1084		11.173142	
14	1	16	63.7			11.494932	

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	82.2	1279		1.391867	1
1	2	14	93.7	1725		2.759988	
2	3	14	96.5	1627	1968	3.309254	
3	2	14	77.3	1790		5.155263	
4	3	14	59.3	1154	1401	6.980255	
5	2	14	52.5	1591		8.534333	
6	1	14	75.8			10.345218	
7	2	14	88.9	1883		11.050238	

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	19	99.1	1241	1747	0.30371	1
1	1	19	52.7			0.765313	
2	2	19	70.1	1539		1.985191	
3	2	19	61.6	1856		2.852168	
4	2	19	60.8	1613		3.593243	
5	3	19	92.4	1957	1538	4.183178	
6	1	19	85.4			4.773539	
7	1	19	96.2			5.639699	
8	2	19	74.7	1869		6.327042	
9	1	19	53.7			7.43258	
10	3	19	56.7	1162	1596	7.943116	
11	3	19	97.1	1621	1423	8.287808	
12	1	19	68.6			9.267335	
13	1	19	67.9			10.409638	
14	1	19	74.2			10.851743	
15	1	19	90.8			11.571938	

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	3	11	75.8	1865	1170	0.34446	
1	2	11	51.6	1832		1.875739	
2	2	11	71.6	1882		3.004949	
3	2	11	53.8	1476		3.386778	
4	3	11	73.6	1988	1223	4.674292	
5	2	11	64.3	1990		5.544624	1
6	1	11	77.9			7.004087	
7	1	11	55.1			8.180451	
8	2	11	63.4	1775		9.731801	
9	3	11	98.8	1869	1381	10.666651	
10	1	11	76.5			11.907912	

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	13	64.2			0.546723	
1	2	13	99.8	1073		0.754483	
2	2	13	79.1	1990		1.62692	
3	1	13	87.6			2.124759	
4	2	13	69.2	1386		3.389429	
5	1	13	81.9			4.17042	
6	3	13	85.8	1020	1675	4.489243	
7	1	13	66			5.179232	
8	1	13	83.8			5.894522	1
9	3	13	88	1476	1631	6.692192	
10	2	13	59.8	1714		7.094554	
11	2	13	51.2	1241		8.381425	
12	2	13	55.3	1744		8.791758	
13	2	13	69.7	1660		9.635259	
14	1	13	89.6			10.459113	
15	3	13	54.2	1964	1308	11.011043	
16	2	13	84.5	1069		11.733859	

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	15	52	1323		0.712606	1
1	2	15	79.8	1246		1.905125	
2	2	15	79.2	1107		3.45313	
3	1	15	96.4			3.903722	
4	2	15	75.8	1956		5.395179	
5	2	15	59.8	1026		6.491573	
6	2	15	81.9	1782		7.574636	
7	2	15	95.8	1458		8.417031	
8	1	15	99.5			10.188024	
9	3	15	70.8	1796	1333	11.621869	

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	13	96.6	1298		0.631748	1
1	1	13	61.3			1.207348	
2	2	13	56.1	1167		2.415581	
3	2	13	64.6	1823		3.828086	
4	3	13	66.6	1974	1142	4.762474	
5	2	13	87.9	1581		6.447412	
6	1	13	87.5			7.103269	
7	2	13	77.9	1274		8.536764	
8	1	13	97			9.777386	
9	1	13	97.4			9.952065	
10	3	13	85.8	1868	1538	11.270854	

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	2	8	96.8	1172		0.103888	1
1	2	8	72.2	1801		1.210219	
2	2	8	93.4	1482		2.117012	
3	3	8	97.8	1505	1686	3.047463	
4	1	8	65.9			3.620364	
5	1	8	79.2			4.640354	
6	2	8	77.9	1054		5.452766	
7	3	8	68.9	1252	1505	6.513417	
8	2	8	90.6	1322		6.902735	
9	1	8	52.1			8.387482	
10	2	8	94.1	1223		9.352661	
11	2	8	61.3	1253		9.811283	
12	2	8	88.4	1257		10.744949	
13	3	8	94.2	1205	1292	11.739228	

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	52	1416	1058	0.661949	1
1	3	15	68.9	1852	1691	0.722192	
2	2	15	91.9	1451		1.621454	
3	3	15	62	1215	1289	2.498469	
4	2	15	96.5	1005		3.479344	
5	1	15	52.5			3.66735	
6	3	15	53.2	1359	1562	4.502199	
7	3	15	55.9	1522	1620	5.06579	
8	2	15	53.4	1259		6.183534	
9	1	15	78.3			6.400231	
10	3	15	76	1536	1617	7.248571	
11	3	15	94.7	1504	1067	7.861626	
12	2	15	77.2	1839		8.913048	
13	3	15	59.6	1086	1379	9.670122	
14	2	15	75.7	1591		10.51429	
15	2	15	57.7	1377		10.810375	
16	1	15	69.4			11.724326	

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	9	1	333	1	5269.0, 5383.0, 5620.0, 5411.0, 5434.0, 5498.0, 5694.0, 5399.0, 5301.0, 5598.0, 5378.0, 5370.0, 5298.0, 5392.0, 5486.0, 5495.0, 5376.0, 5657.0, 5704.0, 5668.0, 5373.0, 5608.0, 5267.0, 5625.0, 5452.0, 5568.0, 5402.0, 5480.0, 5544.0, 5703.0, 5562.0, 5654.0, 5711.0, 5533.0, 5482.0, 5250.0, 5578.0, 5289.0, 5558.0, 5511.0, 5723.0, 5542.0, 5497.0, 5306.0, 5605.0, 5294.0, 5473.0, 5280.0, 5589.0, 5454.0, 5672.0, 5522.0, 5709.0, 5509.0, 5718.0, 5380.0, 5467.0, 5722.0, 5503.0, 5684.0, 5300.0, 5406.0, 5504.0, 5543.0, 5714.0, 5682.0, 5455.0, 5611.0, 5275.0, 5382.0, 5297.0, 5641.0, 5340.0, 5649.0, 5368.0, 5457.0, 5364.0, 5279.0, 5451.0, 5430.0, 5472.0, 5616.0, 5335.0, 5678.0, 5521.0, 5719.0, 5659.0, 5567.0, 5462.0, 5669.0, 5341.0, 5666.0, 5606.0, 5464.0, 5288.0, 5670.0, 5296.0, 5582.0, 5519.0, 5499.0 (number of hits: 7)
2	5500	9	1	333	1	5620.0, 5361.0, 5642.0, 5445.0, 5422.0, 5722.0, 5456.0, 5684.0, 5519.0, 5532.0, 5325.0, 5497.0, 5644.0, 5514.0, 5285.0, 5632.0, 5337.0, 5637.0, 5553.0, 5540.0, 5486.0, 5670.0, 5491.0, 5667.0, 5593.0, 5544.0, 5380.0, 5307.0, 5397.0, 5555.0, 5600.0, 5421.0, 5608.0, 5254.0, 5591.0, 5444.0, 5281.0, 5671.0, 5574.0, 5485.0, 5398.0, 5305.0, 5266.0, 5619.0, 5700.0, 5287.0, 5565.0, 5669.0, 5413.0, 5391.0, 5339.0, 5599.0, 5605.0, 5338.0, 5714.0, 5419.0, 5411.0, 5275.0, 5362.0, 5316.0, 5573.0, 5509.0, 5709.0, 5583.0, 5433.0, 5674.0, 5467.0, 5258.0, 5616.0, 5581.0, 5405.0, 5375.0, 5719.0, 5471.0, 5366.0, 5292.0, 5368.0, 5357.0, 5614.0, 5683.0, 5372.0, 5611.0, 5639.0, 5458.0, 5267.0, 5466.0, 5293.0, 5649.0, 5539.0, 5679.0, 5320.0, 5698.0, 5392.0, 5508.0, 5315.0, 5359.0, 5566.0, 5680.0, 5446.0, 5425.0 (number of hits: 4)
3	5500	9	1	333	1	5496.0, 5721.0, 5717.0, 5693.0, 5575.0, 5431.0, 5584.0, 5375.0, 5265.0, 5293.0, 5314.0, 5253.0, 5712.0, 5493.0, 5459.0, 5534.0, 5549.0, 5694.0, 5626.0, 5500.0, 5320.0, 5283.0, 5377.0, 5512.0, 5526.0, 5316.0, 5346.0, 5271.0, 5629.0, 5419.0, 5722.0, 5720.0, 5292.0, 5437.0, 5398.0, 5596.0, 5456.0, 5358.0, 5332.0, 5272.0, 5564.0, 5600.0, 5372.0, 5544.0, 5537.0, 5664.0, 5303.0, 5514.0, 5309.0, 5583.0, 5614.0, 5255.0, 5588.0, 5683.0, 5378.0,

						5295.0, 5475.0, 5371.0, 5669.0, 5658.0, 5381.0, 5567.0, 5509.0, 5328.0, 5701.0, 5267.0, 5649.0, 5286.0, 5324.0, 5559.0, 5297.0, 5554.0, 5674.0, 5574.0, 5336.0, 5401.0, 5518.0, 5646.0, 5467.0, 5277.0, 5663.0, 5680.0, 5653.0, 5525.0, 5522.0, 5440.0, 5539.0, 5703.0, 5315.0, 5673.0, 5454.0, 5307.0, 5597.0, 5501.0, 5438.0, 5432.0, 5465.0, 5513.0, 5428.0, 5553.0 (number of hits: 5)
4	5500	9	1	333	1	5252.0, 5352.0, 5464.0, 5391.0, 5499.0, 5292.0, 5279.0, 5339.0, 5357.0, 5635.0, 5577.0, 5548.0, 5656.0, 5602.0, 5389.0, 5475.0, 5473.0, 5282.0, 5671.0, 5716.0, 5465.0, 5334.0, 5258.0, 5565.0, 5376.0, 5297.0, 5575.0, 5590.0, 5495.0, 5326.0, 5419.0, 5640.0, 5405.0, 5348.0, 5483.0, 5416.0, 5439.0, 5378.0, 5666.0, 5263.0, 5362.0, 5457.0, 5545.0, 5522.0, 5689.0, 5383.0, 5288.0, 5631.0, 5688.0, 5636.0, 5558.0, 5500.0, 5710.0, 5415.0, 5642.0, 5505.0, 5564.0, 5530.0, 5618.0, 5615.0, 5616.0, 5652.0, 5523.0, 5679.0, 5304.0, 5537.0, 5694.0, 5374.0, 5661.0, 5491.0, 5538.0, 5723.0, 5298.0, 5641.0, 5604.0, 5333.0, 5310.0, 5309.0, 5453.0, 5257.0, 5613.0, 5425.0, 5386.0, 5486.0, 5722.0, 5478.0, 5715.0, 5294.0, 5608.0, 5455.0, 5549.0, 5496.0, 5717.0, 5655.0, 5568.0, 5649.0, 5664.0, 5398.0, 5612.0, 5306.0 (number of hits: 6)
5	5500	9	1	333	1	5648.0, 5280.0, 5634.0, 5262.0, 5322.0, 5558.0, 5570.0, 5566.0, 5282.0, 5340.0, 5434.0, 5396.0, 5601.0, 5576.0, 5346.0, 5594.0, 5445.0, 5694.0, 5548.0, 5505.0, 5257.0, 5438.0, 5344.0, 5656.0, 5435.0, 5465.0, 5454.0, 5578.0, 5436.0, 5489.0, 5286.0, 5486.0, 5503.0, 5723.0, 5674.0, 5616.0, 5456.0, 5251.0, 5273.0, 5520.0, 5550.0, 5536.0, 5624.0, 5466.0, 5459.0, 5703.0, 5314.0, 5667.0, 5324.0, 5687.0, 5698.0, 5352.0, 5677.0, 5363.0, 5390.0, 5609.0, 5321.0, 5529.0, 5468.0, 5460.0, 5284.0, 5672.0, 5303.0, 5563.0, 5267.0, 5665.0, 5481.0, 5308.0, 5330.0, 5294.0, 5513.0, 5671.0, 5256.0, 5647.0, 5391.0, 5574.0, 5575.0, 5705.0, 5646.0, 5464.0, 5420.0, 5635.0, 5358.0, 5364.0, 5602.0, 5376.0, 5411.0, 5266.0, 5457.0, 5479.0, 5662.0, 5557.0, 5708.0, 5476.0, 5265.0, 5642.0, 5258.0, 5549.0, 5269.0, 5304.0 (number of hits: 2)
6	5500	9	1	333	1	5381.0, 5275.0, 5281.0, 5473.0, 5509.0, 5452.0, 5679.0, 5714.0, 5392.0, 5476.0, 5684.0, 5505.0, 5416.0, 5647.0, 5367.0, 5465.0, 5437.0, 5301.0, 5624.0, 5318.0, 5307.0, 5675.0, 5413.0, 5648.0, 5445.0, 5522.0, 5652.0, 5713.0, 5594.0, 5567.0, 5528.0, 5333.0, 5475.0, 5575.0, 5335.0,

						5288.0, 5633.0, 5282.0, 5499.0, 5262.0, 5484.0, 5568.0, 5319.0, 5547.0, 5404.0, 5398.0, 5345.0, 5540.0, 5663.0, 5312.0, 5687.0, 5349.0, 5613.0, 5304.0, 5414.0, 5655.0, 5374.0, 5265.0, 5549.0, 5268.0, 5306.0, 5598.0, 5591.0, 5585.0, 5423.0, 5688.0, 5501.0, 5496.0, 5635.0, 5317.0, 5650.0, 5514.0, 5599.0, 5415.0, 5467.0, 5712.0, 5607.0, 5665.0, 5409.0, 5308.0, 5685.0, 5370.0, 5671.0, 5346.0, 5707.0, 5360.0, 5615.0, 5722.0, 5554.0, 5669.0, 5471.0, 5638.0, 5595.0, 5375.0, 5701.0, 5426.0, 5395.0, 5417.0, 5344.0, 5578.0 (number of hits: 5)
7	5500	9	1	333	1	5461.0, 5266.0, 5721.0, 5488.0, 5542.0, 5279.0, 5261.0, 5515.0, 5494.0, 5403.0, 5496.0, 5648.0, 5374.0, 5410.0, 5331.0, 5705.0, 5629.0, 5304.0, 5622.0, 5491.0, 5289.0, 5444.0, 5595.0, 5339.0, 5328.0, 5333.0, 5263.0, 5363.0, 5655.0, 5321.0, 5409.0, 5282.0, 5443.0, 5293.0, 5593.0, 5435.0, 5693.0, 5465.0, 5355.0, 5268.0, 5442.0, 5373.0, 5484.0, 5485.0, 5661.0, 5638.0, 5398.0, 5338.0, 5469.0, 5616.0, 5277.0, 5646.0, 5557.0, 5611.0, 5466.0, 5547.0, 5554.0, 5658.0, 5640.0, 5455.0, 5601.0, 5681.0, 5540.0, 5675.0, 5476.0, 5397.0, 5376.0, 5580.0, 5393.0, 5502.0, 5384.0, 5559.0, 5516.0, 5291.0, 5327.0, 5556.0, 5382.0, 5539.0, 5348.0, 5619.0, 5671.0, 5278.0, 5718.0, 5713.0, 5464.0, 5290.0, 5509.0, 5708.0, 5415.0, 5530.0, 5424.0, 5418.0, 5420.0, 5706.0, 5599.0, 5305.0, 5367.0, 5656.0, 5561.0, 5379.0 (number of hits: 5)
8	5500	9	1	333	1	5450.0, 5720.0, 5487.0, 5308.0, 5395.0, 5629.0, 5625.0, 5535.0, 5458.0, 5542.0, 5469.0, 5281.0, 5305.0, 5398.0, 5260.0, 5440.0, 5477.0, 5462.0, 5273.0, 5349.0, 5608.0, 5294.0, 5287.0, 5323.0, 5314.0, 5715.0, 5516.0, 5449.0, 5677.0, 5444.0, 5320.0, 5290.0, 5300.0, 5351.0, 5406.0, 5653.0, 5586.0, 5253.0, 5331.0, 5315.0, 5550.0, 5435.0, 5311.0, 5292.0, 5587.0, 5307.0, 5518.0, 5275.0, 5322.0, 5616.0, 5635.0, 5704.0, 5672.0, 5367.0, 5463.0, 5479.0, 5655.0, 5569.0, 5694.0, 5402.0, 5303.0, 5370.0, 5588.0, 5350.0, 5684.0, 5375.0, 5506.0, 5472.0, 5324.0, 5683.0, 5624.0, 5417.0, 5501.0, 5548.0, 5526.0, 5492.0, 5494.0, 5448.0, 5434.0, 5590.0, 5657.0, 5504.0, 5583.0, 5493.0, 5372.0, 5692.0, 5664.0, 5263.0, 5328.0, 5522.0, 5695.0, 5502.0, 5399.0, 5539.0, 5415.0, 5353.0, 5619.0, 5480.0, 5533.0, 5296.0 (number of hits: 7)
9	5500	9	1	333	0	-
10	5500	9	1	333	1	5362.0, 5280.0, 5619.0, 5352.0, 5347.0, 5614.0, 5407.0, 5661.0, 5647.0, 5386.0,

						5511.0, 5287.0, 5544.0, 5671.0, 5690.0, 5533.0, 5549.0, 5456.0, 5426.0, 5269.0, 5547.0, 5525.0, 5611.0, 5608.0, 5691.0, 5290.0, 5484.0, 5516.0, 5654.0, 5581.0, 5685.0, 5642.0, 5349.0, 5522.0, 5361.0, 5665.0, 5490.0, 5255.0, 5301.0, 5314.0, 5371.0, 5439.0, 5676.0, 5607.0, 5340.0, 5473.0, 5517.0, 5329.0, 5706.0, 5515.0, 5311.0, 5639.0, 5672.0, 5657.0, 5579.0, 5493.0, 5382.0, 5394.0, 5492.0, 5303.0, 5377.0, 5387.0, 5694.0, 5483.0, 5430.0, 5299.0, 5658.0, 5486.0, 5604.0, 5357.0, 5434.0, 5343.0, 5668.0, 5466.0, 5452.0, 5291.0, 5592.0, 5674.0, 5491.0, 5251.0, 5288.0, 5334.0, 5408.0, 5264.0, 5633.0, 5464.0, 5327.0, 5300.0, 5356.0, 5421.0, 5498.0, 5447.0, 5641.0, 5529.0, 5580.0, 5400.0, 5629.0, 5440.0, 5350.0, 5331.0 (number of hits: 5)
11	5500	9	1	333	1	5288.0, 5636.0, 5504.0, 5623.0, 5526.0, 5348.0, 5720.0, 5466.0, 5707.0, 5517.0, 5437.0, 5284.0, 5359.0, 5629.0, 5577.0, 5304.0, 5362.0, 5281.0, 5407.0, 5497.0, 5646.0, 5340.0, 5583.0, 5691.0, 5721.0, 5307.0, 5460.0, 5485.0, 5305.0, 5351.0, 5585.0, 5421.0, 5358.0, 5333.0, 5561.0, 5676.0, 5467.0, 5696.0, 5578.0, 5371.0, 5659.0, 5395.0, 5665.0, 5610.0, 5255.0, 5638.0, 5559.0, 5325.0, 5657.0, 5377.0, 5393.0, 5290.0, 5344.0, 5516.0, 5252.0, 5712.0, 5695.0, 5313.0, 5409.0, 5338.0, 5609.0, 5544.0, 5557.0, 5579.0, 5454.0, 5257.0, 5571.0, 5345.0, 5684.0, 5522.0, 5572.0, 5633.0, 5416.0, 5569.0, 5425.0, 5315.0, 5640.0, 5505.0, 5545.0, 5379.0, 5435.0, 5674.0, 5274.0, 5567.0, 5553.0, 5637.0, 5256.0, 5320.0, 5593.0, 5474.0, 5558.0, 5624.0, 5565.0, 5341.0, 5408.0, 5430.0, 5531.0, 5254.0, 5451.0, 5521.0 (number of hits: 3)
12	5500	9	1	333	1	5477.0, 5295.0, 5472.0, 5624.0, 5575.0, 5447.0, 5448.0, 5382.0, 5266.0, 5652.0, 5367.0, 5502.0, 5498.0, 5255.0, 5406.0, 5287.0, 5556.0, 5280.0, 5512.0, 5349.0, 5694.0, 5698.0, 5389.0, 5433.0, 5619.0, 5373.0, 5511.0, 5412.0, 5293.0, 5578.0, 5639.0, 5315.0, 5487.0, 5354.0, 5615.0, 5402.0, 5314.0, 5425.0, 5530.0, 5483.0, 5285.0, 5539.0, 5336.0, 5317.0, 5395.0, 5616.0, 5311.0, 5347.0, 5370.0, 5339.0, 5346.0, 5660.0, 5518.0, 5521.0, 5252.0, 5471.0, 5679.0, 5348.0, 5313.0, 5531.0, 5408.0, 5591.0, 5631.0, 5532.0, 5329.0, 5723.0, 5480.0, 5686.0, 5663.0, 5553.0, 5614.0, 5695.0, 5387.0, 5411.0, 5332.0, 5428.0, 5617.0, 5464.0, 5666.0, 5436.0, 5608.0, 5569.0, 5324.0, 5323.0, 5657.0, 5298.0, 5390.0, 5708.0, 5371.0, 5296.0, 5625.0, 5419.0, 5302.0, 5264.0, 5254.0,

						5388.0, 5592.0, 5364.0, 5621.0, 5426.0 (number of hits: 2)
13	5500	9	1	333	1	5625.0, 5694.0, 5704.0, 5433.0, 5492.0, 5380.0, 5254.0, 5700.0, 5280.0, 5495.0, 5590.0, 5676.0, 5599.0, 5318.0, 5289.0, 5579.0, 5591.0, 5691.0, 5633.0, 5403.0, 5308.0, 5398.0, 5320.0, 5360.0, 5517.0, 5401.0, 5381.0, 5574.0, 5351.0, 5452.0, 5568.0, 5529.0, 5299.0, 5293.0, 5389.0, 5291.0, 5471.0, 5678.0, 5721.0, 5309.0, 5268.0, 5362.0, 5536.0, 5276.0, 5701.0, 5298.0, 5348.0, 5327.0, 5295.0, 5421.0, 5468.0, 5628.0, 5560.0, 5415.0, 5578.0, 5712.0, 5606.0, 5371.0, 5394.0, 5259.0, 5558.0, 5443.0, 5716.0, 5307.0, 5679.0, 5541.0, 5629.0, 5377.0, 5265.0, 5526.0, 5346.0, 5255.0, 5640.0, 5439.0, 5390.0, 5462.0, 5480.0, 5683.0, 5709.0, 5490.0, 5586.0, 5719.0, 5671.0, 5428.0, 5373.0, 5442.0, 5515.0, 5491.0, 5623.0, 5510.0, 5595.0, 5303.0, 5263.0, 5630.0, 5257.0, 5283.0, 5673.0, 5642.0, 5634.0, 5472.0 (number of hits: 4)
14	5500	9	1	333	1	5408.0, 5416.0, 5391.0, 5253.0, 5537.0, 5295.0, 5279.0, 5311.0, 5289.0, 5384.0, 5553.0, 5554.0, 5663.0, 5709.0, 5538.0, 5628.0, 5323.0, 5262.0, 5339.0, 5546.0, 5486.0, 5473.0, 5703.0, 5541.0, 5480.0, 5667.0, 5629.0, 5536.0, 5400.0, 5303.0, 5354.0, 5533.0, 5300.0, 5360.0, 5364.0, 5403.0, 5655.0, 5445.0, 5469.0, 5467.0, 5583.0, 5606.0, 5680.0, 5692.0, 5341.0, 5608.0, 5456.0, 5661.0, 5406.0, 5376.0, 5324.0, 5564.0, 5686.0, 5452.0, 5381.0, 5548.0, 5395.0, 5291.0, 5623.0, 5270.0, 5462.0, 5614.0, 5252.0, 5639.0, 5402.0, 5589.0, 5310.0, 5584.0, 5437.0, 5534.0, 5636.0, 5382.0, 5277.0, 5528.0, 5704.0, 5374.0, 5693.0, 5507.0, 5328.0, 5294.0, 5662.0, 5334.0, 5494.0, 5290.0, 5587.0, 5315.0, 5535.0, 5575.0, 5499.0, 5372.0, 5670.0, 5497.0, 5627.0, 5370.0, 5699.0, 5320.0, 5417.0, 5485.0, 5691.0, 5605.0 (number of hits: 4)
15	5500	9	1	333	1	5332.0, 5350.0, 5454.0, 5484.0, 5292.0, 5377.0, 5446.0, 5598.0, 5310.0, 5252.0, 5613.0, 5285.0, 5683.0, 5521.0, 5545.0, 5555.0, 5588.0, 5418.0, 5378.0, 5318.0, 5633.0, 5651.0, 5638.0, 5660.0, 5320.0, 5636.0, 5692.0, 5541.0, 5515.0, 5427.0, 5714.0, 5617.0, 5628.0, 5481.0, 5519.0, 5406.0, 5664.0, 5626.0, 5724.0, 5703.0, 5414.0, 5488.0, 5265.0, 5672.0, 5653.0, 5635.0, 5396.0, 5694.0, 5581.0, 5509.0, 5415.0, 5450.0, 5554.0, 5326.0, 5299.0, 5269.0, 5679.0, 5558.0, 5563.0, 5712.0, 5661.0, 5630.0, 5518.0, 5315.0, 5258.0, 5452.0, 5577.0, 5589.0, 5372.0, 5462.0, 5286.0, 5260.0, 5516.0, 5536.0, 5471.0,

						5304.0, 5404.0, 5512.0, 5701.0, 5698.0, 5426.0, 5367.0, 5370.0, 5476.0, 5501.0, 5708.0, 5499.0, 5693.0, 5667.0, 5669.0, 5620.0, 5527.0, 5479.0, 5673.0, 5658.0, 5382.0, 5314.0, 5646.0, 5557.0, 5262.0 (number of hits: 3)
16	5500	9	1	333	1	5502.0, 5306.0, 5405.0, 5628.0, 5471.0, 5478.0, 5669.0, 5380.0, 5268.0, 5297.0, 5513.0, 5521.0, 5414.0, 5507.0, 5439.0, 5705.0, 5709.0, 5635.0, 5625.0, 5366.0, 5661.0, 5491.0, 5658.0, 5650.0, 5352.0, 5511.0, 5696.0, 5656.0, 5284.0, 5446.0, 5720.0, 5670.0, 5333.0, 5598.0, 5412.0, 5637.0, 5271.0, 5691.0, 5516.0, 5514.0, 5314.0, 5602.0, 5695.0, 5640.0, 5315.0, 5369.0, 5465.0, 5660.0, 5356.0, 5719.0, 5388.0, 5384.0, 5688.0, 5616.0, 5619.0, 5307.0, 5569.0, 5484.0, 5724.0, 5542.0, 5339.0, 5571.0, 5644.0, 5630.0, 5666.0, 5267.0, 5292.0, 5473.0, 5398.0, 5606.0, 5575.0, 5499.0, 5396.0, 5337.0, 5261.0, 5519.0, 5454.0, 5568.0, 5685.0, 5525.0, 5434.0, 5506.0, 5401.0, 5355.0, 5452.0, 5302.0, 5318.0, 5530.0, 5553.0, 5713.0, 5327.0, 5294.0, 5694.0, 5703.0, 5309.0, 5373.0, 5461.0, 5330.0, 5638.0, 5480.0 (number of hits: 5)
17	5500	9	1	333	1	5642.0, 5502.0, 5490.0, 5547.0, 5430.0, 5584.0, 5719.0, 5696.0, 5304.0, 5679.0, 5400.0, 5620.0, 5603.0, 5352.0, 5615.0, 5619.0, 5652.0, 5433.0, 5264.0, 5641.0, 5692.0, 5432.0, 5700.0, 5714.0, 5589.0, 5594.0, 5644.0, 5375.0, 5596.0, 5518.0, 5305.0, 5485.0, 5399.0, 5301.0, 5527.0, 5573.0, 5566.0, 5707.0, 5663.0, 5366.0, 5441.0, 5592.0, 5551.0, 5670.0, 5531.0, 5389.0, 5681.0, 5313.0, 5561.0, 5571.0, 5282.0, 5445.0, 5408.0, 5390.0, 5334.0, 5439.0, 5261.0, 5565.0, 5637.0, 5449.0, 5708.0, 5685.0, 5290.0, 5269.0, 5665.0, 5709.0, 5447.0, 5508.0, 5611.0, 5597.0, 5275.0, 5590.0, 5342.0, 5274.0, 5262.0, 5645.0, 5326.0, 5356.0, 5307.0, 5578.0, 5557.0, 5546.0, 5647.0, 5265.0, 5477.0, 5341.0, 5660.0, 5365.0, 5277.0, 5711.0, 5339.0, 5298.0, 5653.0, 5368.0, 5669.0, 5659.0, 5328.0, 5688.0, 5377.0, 5476.0 (number of hits: 3)
18	5500	9	1	333	1	5551.0, 5413.0, 5420.0, 5310.0, 5427.0, 5261.0, 5536.0, 5273.0, 5332.0, 5255.0, 5485.0, 5501.0, 5314.0, 5425.0, 5550.0, 5458.0, 5589.0, 5677.0, 5717.0, 5587.0, 5628.0, 5592.0, 5353.0, 5655.0, 5292.0, 5330.0, 5584.0, 5367.0, 5683.0, 5460.0, 5527.0, 5389.0, 5422.0, 5454.0, 5407.0, 5462.0, 5703.0, 5510.0, 5545.0, 5289.0, 5421.0, 5525.0, 5546.0, 5412.0, 5337.0, 5482.0, 5290.0, 5251.0, 5722.0, 5707.0, 5600.0, 5456.0, 5679.0, 5334.0, 5499.0,

						5700.0, 5692.0, 5533.0, 5641.0, 5626.0, 5619.0, 5521.0, 5657.0, 5418.0, 5569.0, 5466.0, 5681.0, 5253.0, 5653.0, 5493.0, 5444.0, 5591.0, 5498.0, 5488.0, 5676.0, 5364.0, 5691.0, 5442.0, 5415.0, 5410.0, 5386.0, 5383.0, 5329.0, 5694.0, 5685.0, 5612.0, 5516.0, 5711.0, 5344.0, 5640.0, 5379.0, 5267.0, 5457.0, 5373.0, 5358.0, 5391.0, 5306.0, 5689.0, 5481.0, 5287.0 (number of hits: 4)
19	5500	9	1	333	1	5611.0, 5356.0, 5565.0, 5445.0, 5555.0, 5560.0, 5709.0, 5604.0, 5470.0, 5538.0, 5543.0, 5289.0, 5483.0, 5494.0, 5532.0, 5395.0, 5589.0, 5451.0, 5698.0, 5644.0, 5588.0, 5450.0, 5386.0, 5673.0, 5322.0, 5562.0, 5518.0, 5645.0, 5511.0, 5600.0, 5317.0, 5662.0, 5647.0, 5521.0, 5510.0, 5330.0, 5452.0, 5461.0, 5481.0, 5632.0, 5501.0, 5681.0, 5627.0, 5486.0, 5308.0, 5639.0, 5711.0, 5701.0, 5622.0, 5325.0, 5623.0, 5387.0, 5504.0, 5385.0, 5409.0, 5487.0, 5475.0, 5696.0, 5619.0, 5371.0, 5477.0, 5362.0, 5271.0, 5707.0, 5536.0, 5715.0, 5377.0, 5524.0, 5418.0, 5598.0, 5259.0, 5391.0, 5541.0, 5329.0, 5297.0, 5292.0, 5717.0, 5449.0, 5630.0, 5346.0, 5388.0, 5512.0, 5464.0, 5633.0, 5425.0, 5614.0, 5631.0, 5720.0, 5616.0, 5266.0, 5567.0, 5302.0, 5571.0, 5713.0, 5335.0, 5344.0, 5327.0, 5411.0, 5366.0, 5405.0 (number of hits: 3)
20	5500	9	1	333	1	5549.0, 5428.0, 5381.0, 5634.0, 5504.0, 5419.0, 5644.0, 5424.0, 5624.0, 5521.0, 5439.0, 5486.0, 5704.0, 5369.0, 5464.0, 5694.0, 5447.0, 5299.0, 5273.0, 5652.0, 5647.0, 5616.0, 5648.0, 5682.0, 5495.0, 5562.0, 5660.0, 5383.0, 5679.0, 5445.0, 5671.0, 5340.0, 5309.0, 5689.0, 5416.0, 5581.0, 5311.0, 5280.0, 5328.0, 5595.0, 5259.0, 5557.0, 5560.0, 5335.0, 5637.0, 5344.0, 5356.0, 5516.0, 5669.0, 5535.0, 5256.0, 5431.0, 5698.0, 5597.0, 5350.0, 5509.0, 5717.0, 5378.0, 5582.0, 5250.0, 5674.0, 5406.0, 5254.0, 5443.0, 5720.0, 5427.0, 5253.0, 5551.0, 5659.0, 5433.0, 5625.0, 5366.0, 5448.0, 5403.0, 5401.0, 5269.0, 5355.0, 5477.0, 5673.0, 5339.0, 5452.0, 5699.0, 5618.0, 5345.0, 5404.0, 5489.0, 5683.0, 5514.0, 5473.0, 5271.0, 5636.0, 5526.0, 5622.0, 5546.0, 5718.0, 5653.0, 5420.0, 5657.0, 5603.0, 5479.0 (number of hits: 3)
21	5500	9	1	333	1	5347.0, 5387.0, 5532.0, 5587.0, 5649.0, 5470.0, 5684.0, 5631.0, 5488.0, 5425.0, 5658.0, 5550.0, 5593.0, 5348.0, 5601.0, 5366.0, 5388.0, 5521.0, 5275.0, 5650.0, 5459.0, 5255.0, 5417.0, 5350.0, 5676.0, 5510.0, 5703.0, 5597.0, 5250.0, 5300.0, 5453.0, 5428.0, 5299.0, 5514.0, 5378.0,

						5439.0, 5483.0, 5683.0, 5500.0, 5411.0, 5305.0, 5302.0, 5535.0, 5707.0, 5583.0, 5616.0, 5511.0, 5542.0, 5353.0, 5374.0, 5328.0, 5509.0, 5687.0, 5333.0, 5693.0, 5370.0, 5534.0, 5498.0, 5278.0, 5254.0, 5327.0, 5474.0, 5423.0, 5354.0, 5654.0, 5473.0, 5400.0, 5634.0, 5441.0, 5581.0, 5399.0, 5375.0, 5395.0, 5677.0, 5636.0, 5494.0, 5371.0, 5674.0, 5406.0, 5713.0, 5648.0, 5657.0, 5380.0, 5433.0, 5497.0, 5622.0, 5329.0, 5632.0, 5269.0, 5520.0, 5311.0, 5564.0, 5519.0, 5598.0, 5369.0, 5570.0, 5517.0, 5502.0, 5647.0, 5331.0 (number of hits: 6)
22	5500	9	1	333	1	5672.0, 5271.0, 5566.0, 5264.0, 5669.0, 5359.0, 5452.0, 5305.0, 5469.0, 5471.0, 5591.0, 5321.0, 5384.0, 5667.0, 5599.0, 5650.0, 5608.0, 5381.0, 5489.0, 5691.0, 5637.0, 5524.0, 5533.0, 5287.0, 5535.0, 5629.0, 5318.0, 5617.0, 5649.0, 5499.0, 5438.0, 5373.0, 5705.0, 5309.0, 5521.0, 5665.0, 5391.0, 5614.0, 5613.0, 5404.0, 5286.0, 5428.0, 5313.0, 5563.0, 5296.0, 5662.0, 5466.0, 5498.0, 5507.0, 5356.0, 5450.0, 5555.0, 5583.0, 5354.0, 5454.0, 5582.0, 5273.0, 5424.0, 5410.0, 5355.0, 5565.0, 5677.0, 5546.0, 5383.0, 5299.0, 5434.0, 5319.0, 5335.0, 5590.0, 5378.0, 5664.0, 5342.0, 5474.0, 5592.0, 5460.0, 5345.0, 5389.0, 5666.0, 5357.0, 5486.0, 5281.0, 5414.0, 5557.0, 5477.0, 5377.0, 5618.0, 5301.0, 5268.0, 5398.0, 5696.0, 5647.0, 5724.0, 5496.0, 5272.0, 5601.0, 5488.0, 5698.0, 5310.0, 5447.0, 5366.0 (number of hits: 4)
23	5500	9	1	333	1	5595.0, 5550.0, 5635.0, 5583.0, 5306.0, 5719.0, 5344.0, 5486.0, 5549.0, 5553.0, 5690.0, 5487.0, 5511.0, 5552.0, 5292.0, 5455.0, 5320.0, 5683.0, 5289.0, 5626.0, 5346.0, 5267.0, 5558.0, 5377.0, 5260.0, 5656.0, 5345.0, 5499.0, 5691.0, 5624.0, 5573.0, 5699.0, 5646.0, 5429.0, 5594.0, 5372.0, 5360.0, 5309.0, 5698.0, 5276.0, 5419.0, 5506.0, 5392.0, 5434.0, 5315.0, 5566.0, 5453.0, 5659.0, 5347.0, 5298.0, 5330.0, 5437.0, 5283.0, 5489.0, 5262.0, 5335.0, 5412.0, 5638.0, 5268.0, 5623.0, 5334.0, 5568.0, 5509.0, 5692.0, 5451.0, 5647.0, 5405.0, 5423.0, 5407.0, 5575.0, 5619.0, 5367.0, 5639.0, 5468.0, 5529.0, 5717.0, 5665.0, 5508.0, 5381.0, 5611.0, 5714.0, 5319.0, 5462.0, 5521.0, 5587.0, 5317.0, 5432.0, 5636.0, 5265.0, 5353.0, 5607.0, 5642.0, 5634.0, 5351.0, 5633.0, 5256.0, 5681.0, 5533.0, 5645.0, 5424.0 (number of hits: 4)
24	5500	9	1	333	1	5661.0, 5370.0, 5274.0, 5395.0, 5537.0, 5700.0, 5402.0, 5279.0, 5594.0, 5310.0, 5466.0, 5582.0, 5374.0, 5295.0, 5272.0,

						5500.0, 5260.0, 5267.0, 5672.0, 5705.0, 5495.0, 5550.0, 5612.0, 5521.0, 5373.0, 5456.0, 5342.0, 5263.0, 5435.0, 5292.0, 5338.0, 5282.0, 5482.0, 5710.0, 5606.0, 5541.0, 5520.0, 5569.0, 5634.0, 5265.0, 5572.0, 5528.0, 5479.0, 5296.0, 5278.0, 5354.0, 5621.0, 5366.0, 5533.0, 5332.0, 5304.0, 5474.0, 5543.0, 5573.0, 5322.0, 5716.0, 5685.0, 5536.0, 5627.0, 5681.0, 5620.0, 5504.0, 5648.0, 5447.0, 5399.0, 5268.0, 5421.0, 5351.0, 5357.0, 5470.0, 5591.0, 5567.0, 5393.0, 5361.0, 5318.0, 5463.0, 5511.0, 5448.0, 5491.0, 5611.0, 5352.0, 5623.0, 5256.0, 5673.0, 5424.0, 5313.0, 5651.0, 5554.0, 5382.0, 5264.0, 5516.0, 5476.0, 5518.0, 5358.0, 5368.0, 5653.0, 5420.0, 5337.0, 5657.0, 5680.0 (number of hits: 4)
25	5500	9	1	333	1	5494.0, 5536.0, 5694.0, 5421.0, 5710.0, 5429.0, 5480.0, 5482.0, 5671.0, 5611.0, 5524.0, 5555.0, 5275.0, 5632.0, 5681.0, 5280.0, 5346.0, 5675.0, 5672.0, 5701.0, 5474.0, 5265.0, 5656.0, 5578.0, 5397.0, 5341.0, 5281.0, 5345.0, 5254.0, 5506.0, 5529.0, 5501.0, 5542.0, 5308.0, 5484.0, 5687.0, 5617.0, 5461.0, 5373.0, 5647.0, 5492.0, 5351.0, 5422.0, 5409.0, 5706.0, 5316.0, 5533.0, 5475.0, 5379.0, 5520.0, 5624.0, 5657.0, 5528.0, 5464.0, 5594.0, 5458.0, 5618.0, 5267.0, 5398.0, 5428.0, 5277.0, 5304.0, 5313.0, 5347.0, 5375.0, 5301.0, 5610.0, 5425.0, 5328.0, 5439.0, 5550.0, 5606.0, 5587.0, 5368.0, 5623.0, 5315.0, 5372.0, 5652.0, 5495.0, 5720.0, 5597.0, 5658.0, 5330.0, 5576.0, 5544.0, 5462.0, 5546.0, 5337.0, 5383.0, 5589.0, 5412.0, 5353.0, 5339.0, 5666.0, 5534.0, 5251.0, 5679.0, 5360.0, 5290.0, 5602.0 (number of hits: 5)
26	5500	9	1	333	1	5498.0, 5420.0, 5467.0, 5714.0, 5651.0, 5301.0, 5444.0, 5421.0, 5557.0, 5305.0, 5296.0, 5429.0, 5435.0, 5652.0, 5255.0, 5658.0, 5445.0, 5703.0, 5471.0, 5521.0, 5554.0, 5545.0, 5261.0, 5357.0, 5678.0, 5682.0, 5533.0, 5391.0, 5351.0, 5610.0, 5398.0, 5406.0, 5372.0, 5547.0, 5710.0, 5285.0, 5645.0, 5712.0, 5439.0, 5591.0, 5535.0, 5597.0, 5559.0, 5628.0, 5606.0, 5716.0, 5459.0, 5601.0, 5623.0, 5410.0, 5642.0, 5334.0, 5644.0, 5291.0, 5670.0, 5701.0, 5694.0, 5450.0, 5252.0, 5625.0, 5723.0, 5614.0, 5335.0, 5442.0, 5565.0, 5572.0, 5581.0, 5663.0, 5390.0, 5315.0, 5688.0, 5536.0, 5584.0, 5508.0, 5582.0, 5404.0, 5309.0, 5671.0, 5675.0, 5666.0, 5378.0, 5333.0, 5522.0, 5259.0, 5452.0, 5263.0, 5422.0, 5403.0, 5402.0, 5469.0, 5600.0, 5321.0, 5466.0, 5441.0, 5550.0, 5700.0, 5503.0, 5698.0, 5622.0, 5648.0

						(number of hits: 3)
27	5500	9	1	333	1	5251.0, 5402.0, 5445.0, 5262.0, 5589.0, 5557.0, 5720.0, 5401.0, 5311.0, 5644.0, 5486.0, 5678.0, 5344.0, 5583.0, 5272.0, 5617.0, 5347.0, 5499.0, 5303.0, 5312.0, 5467.0, 5691.0, 5408.0, 5353.0, 5274.0, 5594.0, 5684.0, 5336.0, 5605.0, 5708.0, 5693.0, 5658.0, 5387.0, 5544.0, 5389.0, 5411.0, 5515.0, 5507.0, 5575.0, 5655.0, 5446.0, 5504.0, 5346.0, 5614.0, 5717.0, 5571.0, 5452.0, 5670.0, 5283.0, 5677.0, 5477.0, 5626.0, 5667.0, 5350.0, 5559.0, 5333.0, 5415.0, 5524.0, 5668.0, 5526.0, 5289.0, 5645.0, 5365.0, 5319.0, 5506.0, 5363.0, 5522.0, 5697.0, 5469.0, 5718.0, 5286.0, 5505.0, 5638.0, 5541.0, 5450.0, 5361.0, 5529.0, 5277.0, 5489.0, 5519.0, 5419.0, 5566.0, 5357.0, 5542.0, 5358.0, 5695.0, 5664.0, 5317.0, 5568.0, 5384.0, 5561.0, 5606.0, 5627.0, 5567.0, 5649.0, 5610.0, 5493.0, 5683.0, 5254.0, 5533.0 (number of hits: 6)
28	5500	9	1	333	1	5282.0, 5251.0, 5433.0, 5559.0, 5396.0, 5543.0, 5658.0, 5331.0, 5453.0, 5669.0, 5681.0, 5531.0, 5642.0, 5618.0, 5423.0, 5707.0, 5551.0, 5359.0, 5477.0, 5448.0, 5597.0, 5475.0, 5399.0, 5430.0, 5402.0, 5693.0, 5714.0, 5545.0, 5351.0, 5300.0, 5338.0, 5624.0, 5634.0, 5280.0, 5428.0, 5522.0, 5476.0, 5386.0, 5508.0, 5662.0, 5657.0, 5629.0, 5562.0, 5447.0, 5323.0, 5383.0, 5533.0, 5632.0, 5464.0, 5335.0, 5366.0, 5544.0, 5379.0, 5688.0, 5320.0, 5698.0, 5583.0, 5384.0, 5699.0, 5610.0, 5482.0, 5332.0, 5376.0, 5374.0, 5701.0, 5547.0, 5478.0, 5599.0, 5435.0, 5587.0, 5661.0, 5717.0, 5678.0, 5700.0, 5319.0, 5382.0, 5527.0, 5690.0, 5291.0, 5465.0, 5542.0, 5412.0, 5505.0, 5405.0, 5720.0, 5276.0, 5334.0, 5595.0, 5365.0, 5504.0, 5487.0, 5356.0, 5442.0, 5329.0, 5682.0, 5537.0, 5307.0, 5489.0, 5371.0, 5589.0 (number of hits: 3)
29	5500	9	1	333	1	5659.0, 5670.0, 5655.0, 5284.0, 5464.0, 5440.0, 5329.0, 5607.0, 5475.0, 5522.0, 5692.0, 5299.0, 5317.0, 5696.0, 5456.0, 5548.0, 5646.0, 5327.0, 5513.0, 5672.0, 5303.0, 5436.0, 5425.0, 5603.0, 5291.0, 5383.0, 5453.0, 5623.0, 5711.0, 5294.0, 5378.0, 5412.0, 5568.0, 5431.0, 5668.0, 5661.0, 5292.0, 5658.0, 5481.0, 5414.0, 5546.0, 5484.0, 5312.0, 5526.0, 5276.0, 5685.0, 5313.0, 5280.0, 5449.0, 5514.0, 5459.0, 5432.0, 5591.0, 5304.0, 5390.0, 5370.0, 5309.0, 5716.0, 5283.0, 5712.0, 5251.0, 5656.0, 5681.0, 5724.0, 5345.0, 5713.0, 5282.0, 5502.0, 5382.0, 5406.0, 5322.0, 5667.0, 5500.0, 5463.0, 5517.0, 5615.0, 5274.0, 5476.0, 5435.0, 5669.0,

						5469.0, 5688.0, 5404.0, 5613.0, 5635.0, 5509.0, 5654.0, 5349.0, 5354.0, 5479.0, 5612.0, 5583.0, 5519.0, 5434.0, 5573.0, 5525.0, 5358.0, 5448.0, 5709.0, 5598.0 (number of hits: 3)
30	5500	9	1	333	1	5385.0, 5415.0, 5616.0, 5546.0, 5579.0, 5502.0, 5647.0, 5550.0, 5532.0, 5463.0, 5480.0, 5575.0, 5679.0, 5607.0, 5566.0, 5376.0, 5296.0, 5528.0, 5466.0, 5604.0, 5307.0, 5581.0, 5436.0, 5522.0, 5565.0, 5278.0, 5430.0, 5273.0, 5521.0, 5371.0, 5631.0, 5256.0, 5628.0, 5556.0, 5712.0, 5319.0, 5439.0, 5396.0, 5654.0, 5314.0, 5710.0, 5434.0, 5691.0, 5428.0, 5344.0, 5649.0, 5424.0, 5638.0, 5263.0, 5512.0, 5271.0, 5277.0, 5711.0, 5656.0, 5615.0, 5580.0, 5551.0, 5487.0, 5268.0, 5558.0, 5320.0, 5254.0, 5265.0, 5444.0, 5539.0, 5297.0, 5452.0, 5495.0, 5619.0, 5499.0, 5295.0, 5577.0, 5651.0, 5431.0, 5284.0, 5665.0, 5511.0, 5465.0, 5603.0, 5644.0, 5549.0, 5259.0, 5469.0, 5584.0, 5722.0, 5348.0, 5557.0, 5624.0, 5506.0, 5518.0, 5560.0, 5416.0, 5423.0, 5699.0, 5623.0, 5325.0, 5400.0, 5369.0, 5405.0, 5301.0 (number of hits: 4)

5510 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	90 %	60%	Pass
Type 4	30	83.3 %	60%	Pass
Aggregate (Type1 to 4)	120	93.3 %	80%	Pass
Type 5	30	96.67 %	80%	Pass
Type 6	30	93.3 %	70%	Pass

Please refer to the following statistical tables:

5510 MHz, 40 MHz Bandwidth

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5510	62	1	858	1
2	5510	65	1	818	1
3	5510	83	1	638	1
4	5510	76	1	698	1
5	5510	57	1	938	1
6	5510	78	1	678	1
7	5510	70	1	758	1
8	5510	95	1	558	1
9	5510	58	1	918	1
10	5510	67	1	798	1
11	5510	86	1	618	1
12	5510	92	1	578	1
13	5510	72	1	738	1
14	5510	61	1	878	1
15	5510	68	1	778	1
16	5510	91	1	582	1
17	5510	25	1	2133	1
18	5510	19	1	2921	1
19	5510	64	1	833	1
20	5510	24	1	2256	1
21	5510	18	1	3024	1
22	5510	90	1	588	1
23	5510	96	1	553	1
24	5510	31	1	1730	1
25	5510	89	1	596	1
26	5510	72	1	739	1
27	5510	21	1	2602	1
28	5510	26	1	2110	1
29	5510	21	1	2575	1
30	5510	20	1	2677	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5510	25	2.8	202	1
2	5510	29	2.9	192	1
3	5510	26	3.5	188	1
4	5510	27	1.6	170	1
5	5510	27	3.2	151	1
6	5510	24	3.4	222	1
7	5510	28	1.7	202	1
8	5510	24	4.4	202	1
9	5510	23	4.6	169	1
10	5510	23	4.4	153	1
11	5510	25	1.6	191	1
12	5510	26	3.3	187	1
13	5510	27	4.8	225	1
14	5510	25	3.1	157	1
15	5510	29	1.9	226	1
16	5510	24	2.7	222	1
17	5510	29	1	180	1
18	5510	27	3.2	175	1
19	5510	24	1.6	213	1
20	5510	26	2.7	195	1
21	5510	29	3	152	1
22	5510	25	2.5	158	1
23	5510	24	1	228	1
24	5510	26	4.9	154	1
25	5510	27	1.9	226	1
26	5510	24	2.3	217	1
27	5510	27	2.4	207	1
28	5510	25	1.2	166	1
29	5510	27	3.6	193	1
30	5510	25	3.3	168	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5510	16	8.9	415	1
2	5510	18	7.8	398	1
3	5510	18	7.1	352	1
4	5510	17	6	249	1
5	5510	16	8.7	368	1
6	5510	18	6.1	398	1
7	5510	17	9.8	202	0
8	5510	18	9.9	203	0
9	5510	16	6.5	403	1
10	5510	17	8	491	1
11	5510	17	7.7	261	1
12	5510	17	9.4	401	1
13	5510	17	9.1	391	1
14	5510	18	8.7	369	1
15	5510	16	7.7	355	1
16	5510	18	7.1	413	1
17	5510	17	9.1	311	1
18	5510	17	6.1	282	1
19	5510	16	6	447	1
20	5510	18	9	440	1
21	5510	16	9.3	481	1
22	5510	16	9.6	241	1
23	5510	16	7	283	1
24	5510	16	7.7	343	1
25	5510	18	6.6	354	1
26	5510	17	8.4	471	1
27	5510	18	8.6	221	0
28	5510	16	8.1	226	1
29	5510	17	9.2	318	1
30	5510	16	9.7	459	1
Detection Percentage: 90 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5510	12	16.7	455	1
2	5510	16	19.5	257	1
3	5510	12	19.3	415	1
4	5510	14	17.2	477	0
5	5510	12	19.3	313	1
6	5510	12	14.5	442	1
7	5510	16	18.7	391	1
8	5510	15	14.5	283	1
9	5510	13	15.7	201	0
10	5510	13	11.1	457	1
11	5510	14	11.7	282	1
12	5510	13	16.4	393	1
13	5510	14	14.8	286	1
14	5510	13	17.1	275	1
15	5510	16	14.5	285	1
16	5510	15	14	408	1
17	5510	15	17.8	416	1
18	5510	14	16.8	409	1
19	5510	12	15.5	381	1
20	5510	12	13.6	259	1
21	5510	14	13.9	203	0
22	5510	16	13	366	1
23	5510	15	12.1	247	1
24	5510	12	14.4	219	0
25	5510	15	16.9	254	1
26	5510	12	13.2	280	1
27	5510	15	12.9	252	1
28	5510	15	18.9	499	1
29	5510	14	18.2	328	1
30	5510	13	18.3	340	0
Detection Percentage: 83.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
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	5493.6	1
12	5492.8	1
13	5498.0	0
14	5493.6	1
15	5493.2	1
16	5496.4	1
17	5492.8	1
18	5494.8	1
19	5494.0	1
20	5494.0	1
21	5525.6	1
22	5522.0	1
23	5524.8	1
24	5523.6	1
25	5524.0	1
26	5526.4	1
27	5526.4	1
28	5527.2	1
29	5522.0	1
30	5522.8	1
Detection Percentage: 96.67 % (>80%)		

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	14	72.5	1792		0.405072	1
1	2	14	68	1216		1.518028	
2	3	14	52.2	1919	1926	3.546126	
3	1	14	75.7			4.986279	
4	3	14	91.4	1299	1039	6.631175	
5	1	14	97.3			7.265707	
6	2	14	63.3	1971		9.071094	
7	1	14	54.6			10.136849	
8	3	14	79.1	1532	1288	11.437748	

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	81.6	1941		0.433685	1
1	2	6	74.7	1885		1.143139	
2	2	6	89.1	1219		1.628155	
3	2	6	66.1	1440		2.385575	
4	3	6	83.5	1638	1372	2.537253	
5	2	6	76	1653		3.212286	
6	1	6	60.2			3.862253	
7	2	6	64.8	1857		4.745384	
8	3	6	67.7	1156	1076	5.175907	
9	2	6	95.5	1762		5.678096	
10	1	6	97.8			6.412763	
11	2	6	73.7	1971		7.053205	
12	2	6	59.6	1081		7.542391	
13	3	6	63.1	1465	1689	8.138833	
14	1	6	84.8			8.513591	
15	2	6	91.9	1218		9.245381	
16	3	6	89.4	1826	1359	9.963374	
17	2	6	95.9	1461		10.681533	
18	2	6	95.1	1292		11.294759	
19	3	6	85.2	1552	1363	11.79132	

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	14	61.8			0.231467	1
1	1	14	87.8			1.58044	
2	3	14	53.4	1408	1458	3.25215	
3	3	14	87.1	1307	1472	4.709229	
4	2	14	57.3	1725		5.838261	
5	2	14	57.8	1985		6.675846	
6	2	14	90.5	1780		7.752053	
7	1	14	51.6			8.878966	
8	2	14	82.1	1423		9.877142	
9	2	14	76.1	1814		11.36752	

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	11	67.2	1762		0.052846	1
1	1	11	78.5			2.773287	
2	3	11	58.2	1202	1406	4.430848	
3	2	11	89	1858		5.070857	
4	1	11	54.2			7.162665	
5	2	11	98.2	1825		8.657707	
6	2	11	54.7	1496		9.947278	
7	2	11	77.8	1109		11.48029	

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	7	92.8			0.747019	1
1	2	7	81.3	1639		1.137759	
2	2	7	53.9	1147		2.304047	
3	2	7	61.3	1925		3.428198	
4	1	7	62.2			4.874654	
5	3	7	59.9	1021	1829	5.712403	
6	2	7	89.8	1470		6.013643	
7	3	7	88.9	1520	1483	7.219418	
8	3	7	74.3	1868	1641	8.746319	
9	3	7	78.6	1360	1074	9.466346	
10	3	7	86	1493	1807	10.808851	
11	3	7	98.3	1302	1362	11.507384	

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	13	84.9			0.315068	1
1	2	13	56.7	1806		1.471337	
2	2	13	76.8	1600		2.246581	
3	3	13	96.6	1658	1903	3.572268	
4	2	13	77.9	1562		4.785592	
5	2	13	52.1	1135		6.040779	
6	3	13	73.4	1395	1455	7.069842	
7	3	13	88.1	1630	1263	8.350038	
8	2	13	89.7	1063		9.029894	
9	3	13	89.9	1846	1035	10.574441	
10	2	13	84.8	1158		11.673605	

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	5	74.8	1925		0.218242	1
1	2	5	65	1095		1.739918	
2	1	5	69.2			2.647924	
3	2	5	95.3	1715		3.510093	
4	3	5	88.4	1333	1780	4.783237	
5	1	5	81.6			6.333449	
6	3	5	78.7	1133	1959	7.31837	
7	1	5	94.6			8.621071	
8	1	5	75.1			8.799478	
9	2	5	56.3	1122		10.848617	
10	2	5	79.9	1274		11.955058	

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	15	97.7			0.522346	1
1	3	15	93.2	1462	1968	2.132473	
2	3	15	79.4	1909	1778	2.580516	
3	1	15	79.3			3.93197	
4	3	15	59.8	1688	1129	5.204542	
5	3	15	79.4	1069	1871	5.652352	
6	1	15	86.7			7.338867	
7	2	15	86.4	1890		8.268202	
8	2	15	71.3	1604		9.441138	
9	1	15	70.3			10.499795	
10	1	15	94.9			11.435356	

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	15	64.4	1290		0.605366	
1	2	15	77.2	1300		1.273881	
2	1	15	54.6			1.572965	
3	1	15	63.7			2.951858	
4	3	15	50.6	1789	1237	3.306475	
5	2	15	74	1344		4.207876	
6	1	15	89.7			4.916731	
7	2	15	52.2	1445		5.546356	
8	1	15	75			6.32093	1
9	2	15	90	1477		7.403835	
10	1	15	66.4			8.15478	
11	3	15	90	1011	1977	8.343659	
12	2	15	69.8	1688		9.407294	
13	3	15	96.2	1927	1876	9.761277	
14	2	15	96	1480		10.753669	
15	2	15	62.2	1907		11.886478	

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	10	78.5			0.256238	
1	1	10	75.2			1.150132	
2	2	10	88.3	1581		2.725506	
3	3	10	77.2	1246	1400	3.36382	
4	2	10	54.4	1956		5.061117	
5	2	10	95	1256		5.954689	1
6	2	10	63	1675		7.537352	
7	1	10	74.6			8.118119	
8	2	10	64.2	1231		9.810126	
9	2	10	62.2	1194		10.710431	
10	2	10	92.6	1992		11.883752	

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	67.7	1781		1.328552	
1	2	9	73.5	1556		1.445877	
2	1	9	69.8			3.867334	
3	3	9	99.7	1017	1512	4.865681	
4	3	9	78.8	1093	1011	5.934007	1
5	3	9	80.8	1133	1614	7.213715	
6	3	9	73.7	1148	1654	8.265347	
7	2	9	50.3	1074		10.310167	
8	2	9	95.5	1026		10.97108	

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	7	56.8			0.007137	
1	2	7	53.6	1702		1.464282	
2	1	7	80.2			2.528469	
3	3	7	88.2	1679	1834	3.675916	
4	2	7	82.1	1254		5.382417	
5	2	7	51.6	1306		5.619988	1
6	2	7	51.4	1578		7.457746	
7	2	7	62.5	1046		8.676833	
8	2	7	84.5	1598		9.627299	
9	1	7	51.5			10.310667	
10	2	7	75	1288		11.651156	

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	20	93.5			0.350793	0
1	3	20	75.4	1388	1988	0.813721	
2	1	20	82.2			1.852433	
3	1	20	72.2			2.113127	
4	3	20	74.6	1271	1088	2.933342	
5	1	20	78.6			3.340985	
6	2	20	52.9	1256		4.200745	
7	2	20	56.8	1126		5.294971	
8	1	20	66.8			5.853623	
9	2	20	52.3	1398		6.436676	
10	3	20	53.2	1207	1478	6.7328	
11	2	20	82	1146		7.4546	
12	1	20	62.7			8.100943	
13	2	20	92	1740		9.06343	
14	2	20	60.3	1408		9.672343	
15	2	20	67.1	1776		10.337257	
16	2	20	76.3	1656		11.249787	
17	2	20	69.2	1796		11.945289	

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	9	91.3	1649		0.181069	
1	3	9	74.6	1434	1199	1.210977	
2	2	9	73.5	1936		1.495475	
3	2	9	99	1376		2.616513	
4	2	9	66.7	1014		3.441487	
5	2	9	89.2	1671		3.905082	
6	1	9	59.7			4.900509	
7	2	9	63.4	1181		5.400353	
8	1	9	91.2			5.953454	1
9	1	9	79.8			6.509053	
10	1	9	56.2			7.405707	
11	3	9	61.3	1025	1705	8.401343	
12	3	9	66.7	1047	1301	8.658143	
13	2	9	60.7	1086		9.228154	
14	2	9	85.4	1207		10.497558	
15	1	9	58.3			10.963342	
16	2	9	90.5	1025		11.71902	

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	8	95.8	1084	1038	0.472843	1
1	3	8	56.2	1941	1199	1.485125	
2	2	8	90	1522		2.225301	
3	3	8	77.5	1682	1463	2.631691	
4	3	8	68.7	1286	1067	3.304407	
5	2	8	51.4	1624		4.412518	
6	1	8	55.3			4.879945	
7	2	8	67.4	1671		5.286531	
8	3	8	74.4	1765	1947	6.225901	
9	2	8	96.1	1165		7.09102	
10	1	8	97.5			7.572392	
11	1	8	94			8.794773	
12	2	8	64.2	1861		9.07896	
13	2	8	66	1348		10.065519	
14	1	8	61.5			11.230901	
15	1	8	63.9			11.780626	

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	77	1720	1373	0.527455	1
1	2	16	54.7	1859		1.366206	
2	2	16	84.4	1553		1.797162	
3	2	16	91.4	1781		3.253277	
4	2	16	99.4	1136		3.869534	
5	1	16	70.9			4.409874	
6	3	16	81.2	1234	1604	5.166393	
7	2	16	65.4	1342		6.089457	
8	2	16	51.8	1972		7.150448	
9	3	16	65.8	1182	1685	8.107184	
10	2	16	89.7	1781		9.324378	
11	3	16	61.7	1491	1485	10.277179	
12	1	16	51.6			10.779749	
13	2	16	81	1027		11.402887	

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	96.1			0.742413	1
1	3	7	89.5	1857	1109	1.05108	
2	2	7	77.4	1856		2.008235	
3	1	7	87			2.899283	
4	3	7	78.9	1567	1129	3.102085	
5	3	7	99.5	1404	1595	3.805611	
6	2	7	53.4	1380		4.65498	
7	2	7	70.1	1217		5.318361	
8	2	7	71.3	1100		6.051346	
9	2	7	96.5	1477		7.08078	
10	2	7	92.1	1175		8.175404	
11	1	7	77.9			8.3489	
12	2	7	66.7	1575		9.404728	
13	2	7	94	1880		9.750352	
14	2	7	96.5	1289		10.738299	
15	3	7	66.3	1696	1883	11.646942	

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	70			0.525977	1
1	2	12	60.7	1167		1.076253	
2	1	12	65.5			1.68918	
3	2	12	53.1	1965		2.551525	
4	1	12	60.9			2.774336	
5	1	12	62.6			3.483632	
6	2	12	79.6	1295		4.425176	
7	1	12	86.1			5.103131	
8	2	12	68.6	1207		5.508974	
9	2	12	71.6	1642		6.165305	
10	3	12	89.4	1549	1353	7.120956	
11	2	12	65.2	1276		7.504049	
12	1	12	62.2			8.369331	
13	3	12	99.4	1230	1836	8.901635	
14	3	12	99.8	1003	1714	9.648708	
15	1	12	76.6			10.135633	
16	2	12	76.7	1369		11.238757	
17	2	12	51.3	1665		11.85448	

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	10	54.9	1192	1353	0.319556	1
1	1	10	66.9			1.356277	
2	1	10	56.1			3.440076	
3	1	10	85.4			4.66085	
4	2	10	65.6	1919		4.838514	
5	2	10	79.2	1916		6.270643	
6	2	10	62.1	1005		7.348918	
7	3	10	85.1	1085	1767	9.150436	
8	1	10	55.8			9.883723	
9	1	10	88.2			11.657789	

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	10	78.9	1924		0.269979	1
1	1	10	99			1.286698	
2	3	10	69.5	1555	1866	1.880782	
3	2	10	51.1	1560		2.654544	
4	3	10	77.3	1252	1072	2.855832	
5	1	10	52.3			3.57952	
6	3	10	54.9	1809	1873	4.42774	
7	3	10	75.8	1924	1954	5.292462	
8	3	10	70.5	1483	1160	5.781178	
9	2	10	99.2	1668		6.54629	
10	1	10	56.3			7.248105	
11	2	10	67.2	1568		8.135919	
12	1	10	83.8			8.914493	
13	1	10	50.4			9.481324	
14	2	10	80.3	1392		10.233482	
15	2	10	57	1756		11.085601	
16	2	10	66.5	1334		11.861326	

Bin5 Statistics 21

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	90.6	1711		0.598393	
1	1	11	61			0.703821	
2	1	11	51.4			1.773784	
3	1	11	57.3			2.176152	
4	3	11	94.4	1789	1842	2.820758	
5	1	11	88.2			3.716462	
6	3	11	64.1	1407	1471	4.373231	
7	2	11	83.6	1501		4.671953	
8	2	11	90.5	1943		5.098643	
9	2	11	57.8	1969		5.945026	1
10	3	11	57.2	1673	1868	6.492861	
11	2	11	90.4	1291		6.949191	
12	3	11	96.8	1728	1775	7.705554	
13	3	11	60.9	1187	1926	8.624035	
14	1	11	89.9			9.036017	
15	3	11	98.6	1334	1675	9.687573	
16	2	11	58.1	1644		10.707456	
17	1	11	76.1			10.785058	
18	3	11	89.1	1751	1238	11.983394	

Bin5 Statistics 22

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	76.8			0.576737	
1	3	20	85.4	1631	1190	1.060953	
2	1	20	91.2			1.396255	
3	2	20	61.2	1428		2.101857	
4	3	20	75.9	1209	1821	2.483675	
5	2	20	65.7	1935		3.211091	
6	3	20	87.3	1850	1252	3.815076	
7	1	20	72.7			4.367469	
8	2	20	55	1244		4.993117	
9	1	20	94.1			5.506675	
10	2	20	59.3	1583		6.528314	1
11	3	20	97.5	1881	1476	7.113979	
12	1	20	94			7.346752	
13	3	20	65.4	1465	1119	7.94122	
14	2	20	65.4	1202		8.731866	
15	2	20	73.9	1209		9.490958	
16	2	20	51.4	1756		9.639744	
17	2	20	59.7	1666		10.69171	
18	1	20	82.1			11.262082	
19	3	20	95.4	1842	1683	11.530979	

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	13	79.5	1410		0.362975	
1	2	13	94	1481		1.047607	
2	2	13	54.8	1974		2.615661	
3	1	13	91.8			3.263689	
4	2	13	50	1862		4.272441	
5	1	13	99.5			5.288416	
6	3	13	79.7	1669	1288	6.403918	1
7	3	13	74.3	1786	1637	6.563701	
8	2	13	60	1130		7.626649	
9	2	13	73.1	1078		8.933123	
10	3	13	76.4	1266	1320	9.49796	
11	3	13	93.5	1548	1130	10.255894	
12	2	13	93.8	1377		11.652336	

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	16	82.4	1090	1075	0.033355	
1	2	16	89.1	1619		1.042868	
2	1	16	87			2.084029	
3	2	16	66.4	1870		2.835823	
4	2	16	54.4	1400		3.638378	
5	2	16	50.5	1792		4.44689	
6	1	16	58.4			5.225081	
7	2	16	86.1	1800		5.386177	
8	1	16	74.8			6.144136	1
9	2	16	66.2	1424		7.258038	
10	1	16	86.2			7.561284	
11	1	16	58.5			8.794119	
12	2	16	88.4	1957		9.343664	
13	2	16	66	1959		9.948968	
14	3	16	83.8	1798	1769	11.156007	
15	2	16	66.4	1482		11.396383	

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	15	83.8	1007		0.174476	
1	3	15	78.2	1263	1320	1.032917	
2	2	15	54.1	1482		1.647338	
3	2	15	95	1406		2.449335	
4	1	15	74.6			3.017273	
5	1	15	58.1			3.165137	
6	1	15	52.4			3.881931	
7	3	15	84.1	1674	1186	4.832572	
8	1	15	88.9			5.645328	
9	2	15	83.3	1348		6.087327	1
10	1	15	92.5			6.581626	
11	3	15	98.7	1863	1969	7.376712	
12	1	15	73.7			8.093371	
13	2	15	56.2	1697		8.652533	
14	2	15	91.7	1482		9.058236	
15	2	15	74.8	1974		9.820345	
16	2	15	91.8	1353		10.719308	
17	2	15	55.2	1301		11.238018	
18	2	15	58.7	1480		11.433023	

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	63.2			0.275979	
1	2	9	96.6	1910		1.241579	
2	2	9	66.3	1105		1.38371	
3	1	9	76.2			1.960787	
4	3	9	82.1	1269	1614	2.676555	
5	1	9	93.4			3.237363	
6	2	9	85	1653		4.299494	
7	2	9	73.5	1176		4.448865	
8	3	9	95.6	1902	1461	5.537696	
9	1	9	90.5			5.803095	1
10	2	9	85.7	1466		6.680667	
11	2	9	51.8	1133		7.157228	
12	1	9	69.8			7.624268	
13	2	9	90.9	1134		8.301927	
14	2	9	76.6	1759		9.021267	
15	3	9	93.5	1858	1057	10.035003	
16	1	9	62			10.270545	
17	2	9	91.6	1924		10.962438	
18	3	9	64.4	1434	1252	11.416894	

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	75.6	1933	1967	1.228917	
1	3	9	63	1753	1481	2.350086	
2	2	9	54.5	1410		3.355853	
3	1	9	62			5.101152	
4	1	9	81.4			6.643864	1
5	3	9	77.6	1174	1070	7.686005	
6	2	9	58.2	1989		8.599738	
7	1	9	63.5			9.893251	
8	2	9	88.6	1271		10.767411	

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	7	58.5	1950		0.618625	
1	2	7	100	1123		1.560466	
2	1	7	88.9			2.307978	
3	1	7	91			2.846579	
4	2	7	92.3	1274		3.680824	
5	2	7	54.4	1299		4.665385	
6	1	7	74.9			5.056046	
7	3	7	76	1090	1150	5.672699	1
8	3	7	52.6	1648	1056	6.440506	
9	3	7	73.5	1496	1568	7.517694	
10	3	7	98.5	1481	1253	8.37914	
11	2	7	97.6	1896		9.222718	
12	3	7	89.9	1514	1408	10.041088	
13	1	7	78.7			11.018244	
14	2	7	84.6	1513		11.867107	

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	1	20	70			0.366966	
1	1	20	85.1			1.691939	
2	2	20	59.3	1621		1.850422	
3	2	20	77.4	1387		3.443882	
4	1	20	80.4			4.113193	
5	1	20	80.8			4.739457	
6	2	20	72.3	1583		6.447089	1
7	2	20	79	1386		7.191542	
8	1	20	88.2			8.254808	
9	1	20	71.6			9.114929	
10	1	20	95.3			9.862998	
11	3	20	93.2	1541	1123	10.633142	
12	1	20	52.4			11.11835	

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	18	51.7	1396		0.458576	
1	3	18	55.9	1309	1396	0.770916	
2	3	18	60.2	1886	1063	1.586484	
3	3	18	79.9	1303	1972	2.314058	
4	3	18	60	1806	1319	2.967124	
5	2	18	51.4	1426		3.33331	
6	3	18	85.9	1657	1485	4.026746	
7	1	18	58.7			4.660911	
8	1	18	94.9			5.048742	
9	2	18	80.7	1282		5.539537	1
10	1	18	64.7			6.259058	
11	1	18	62.3			6.954794	
12	3	18	83.9	1171	1138	7.509246	
13	2	18	52.4	1391		8.291953	
14	2	18	52.2	1172		8.968405	
15	1	18	93			9.122417	
16	2	18	64.1	1140		9.814024	
17	3	18	81.1	1101	1866	10.32176	
18	3	18	57	1114	1474	11.322042	
19	3	18	71.6	1874	1813	11.777489	

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	9	1	333	1	5398.0, 5567.0, 5510.0, 5575.0, 5564.0, 5358.0, 5407.0, 5472.0, 5539.0, 5452.0, 5685.0, 5693.0, 5346.0, 5615.0, 5445.0, 5610.0, 5516.0, 5600.0, 5299.0, 5305.0, 5334.0, 5443.0, 5571.0, 5315.0, 5465.0, 5266.0, 5616.0, 5351.0, 5560.0, 5256.0, 5335.0, 5574.0, 5530.0, 5306.0, 5524.0, 5279.0, 5356.0, 5700.0, 5317.0, 5319.0, 5275.0, 5422.0, 5656.0, 5658.0, 5613.0, 5643.0, 5269.0, 5298.0, 5421.0, 5623.0, 5314.0, 5713.0, 5719.0, 5278.0, 5425.0, 5301.0, 5669.0, 5666.0, 5424.0, 5263.0, 5668.0, 5665.0, 5659.0, 5308.0, 5380.0, 5323.0, 5638.0, 5361.0, 5347.0, 5489.0, 5458.0, 5505.0, 5446.0, 5545.0, 5696.0, 5303.0, 5259.0, 5369.0, 5368.0, 5508.0, 5286.0, 5544.0, 5543.0, 5373.0, 5692.0, 5402.0, 5606.0, 5699.0, 5329.0, 5333.0, 5254.0, 5291.0, 5438.0, 5492.0, 5455.0, 5412.0, 5370.0, 5331.0, 5396.0, 5496.0 (number of hits: 7)
2	5510	9	1	333	1	5342.0, 5313.0, 5697.0, 5418.0, 5663.0, 5288.0, 5576.0, 5506.0, 5520.0, 5488.0, 5257.0, 5406.0, 5322.0, 5688.0, 5272.0, 5721.0, 5717.0, 5664.0, 5665.0, 5363.0, 5677.0, 5399.0, 5458.0, 5712.0, 5631.0, 5543.0, 5498.0, 5592.0, 5666.0, 5626.0, 5252.0, 5619.0, 5460.0, 5282.0, 5412.0, 5632.0, 5461.0, 5501.0, 5400.0, 5487.0, 5416.0, 5490.0, 5434.0, 5497.0, 5360.0, 5643.0, 5486.0, 5376.0, 5332.0, 5383.0, 5485.0, 5368.0, 5327.0, 5283.0, 5259.0, 5444.0, 5340.0, 5630.0, 5537.0, 5505.0, 5354.0, 5587.0, 5422.0, 5430.0, 5538.0, 5457.0, 5542.0, 5443.0, 5552.0, 5659.0, 5338.0, 5682.0, 5611.0, 5328.0, 5307.0, 5375.0, 5424.0, 5544.0, 5616.0, 5579.0, 5496.0, 5435.0, 5404.0, 5469.0, 5572.0, 5575.0, 5463.0, 5502.0, 5331.0, 5468.0, 5419.0, 5671.0, 5695.0, 5433.0, 5294.0, 5625.0, 5656.0, 5470.0, 5264.0, 5529.0 (number of hits: 10)
3	5510	9	1	333	1	5611.0, 5315.0, 5445.0, 5325.0, 5699.0, 5433.0, 5424.0, 5370.0, 5420.0, 5451.0, 5415.0, 5679.0, 5401.0, 5306.0, 5435.0, 5482.0, 5573.0, 5682.0, 5668.0, 5612.0, 5355.0, 5453.0, 5417.0, 5434.0, 5667.0, 5650.0, 5456.0, 5666.0, 5335.0, 5470.0, 5439.0, 5350.0, 5253.0, 5416.0, 5480.0, 5428.0, 5403.0, 5558.0, 5493.0, 5408.0, 5501.0, 5654.0, 5338.0, 5465.0, 5399.0, 5688.0, 5361.0, 5261.0, 5448.0, 5413.0, 5419.0, 5675.0, 5312.0, 5269.0, 5400.0, 5318.0, 5263.0, 5273.0, 5687.0, 5531.0,

						5469.0, 5538.0, 5518.0, 5565.0, 5594.0, 5712.0, 5486.0, 5719.0, 5556.0, 5507.0, 5500.0, 5533.0, 5391.0, 5584.0, 5659.0, 5614.0, 5646.0, 5521.0, 5311.0, 5398.0, 5460.0, 5331.0, 5320.0, 5314.0, 5409.0, 5307.0, 5487.0, 5693.0, 5485.0, 5506.0, 5553.0, 5714.0, 5293.0, 5300.0, 5676.0, 5670.0, 5548.0, 5373.0, 5552.0, 5530.0 (number of hits: 7)
4	5510	9	1	333	1	5335.0, 5336.0, 5626.0, 5713.0, 5383.0, 5526.0, 5575.0, 5716.0, 5287.0, 5317.0, 5589.0, 5563.0, 5667.0, 5621.0, 5440.0, 5334.0, 5444.0, 5666.0, 5719.0, 5408.0, 5612.0, 5711.0, 5670.0, 5662.0, 5502.0, 5660.0, 5274.0, 5625.0, 5723.0, 5647.0, 5342.0, 5569.0, 5698.0, 5399.0, 5529.0, 5646.0, 5263.0, 5487.0, 5260.0, 5474.0, 5431.0, 5608.0, 5450.0, 5276.0, 5425.0, 5451.0, 5438.0, 5641.0, 5489.0, 5594.0, 5325.0, 5549.0, 5413.0, 5658.0, 5528.0, 5346.0, 5574.0, 5496.0, 5386.0, 5514.0, 5507.0, 5590.0, 5665.0, 5598.0, 5460.0, 5356.0, 5520.0, 5555.0, 5539.0, 5257.0, 5650.0, 5600.0, 5518.0, 5348.0, 5379.0, 5432.0, 5255.0, 5302.0, 5604.0, 5607.0, 5421.0, 5582.0, 5722.0, 5465.0, 5368.0, 5718.0, 5559.0, 5256.0, 5710.0, 5570.0, 5463.0, 5690.0, 5614.0, 5457.0, 5433.0, 5299.0, 5424.0, 5459.0, 5486.0, 5455.0 (number of hits: 9)
5	5510	9	1	333	1	5544.0, 5672.0, 5490.0, 5381.0, 5378.0, 5264.0, 5289.0, 5551.0, 5471.0, 5669.0, 5671.0, 5262.0, 5318.0, 5413.0, 5265.0, 5410.0, 5603.0, 5710.0, 5399.0, 5272.0, 5354.0, 5466.0, 5538.0, 5592.0, 5281.0, 5293.0, 5279.0, 5387.0, 5654.0, 5651.0, 5540.0, 5321.0, 5253.0, 5553.0, 5479.0, 5677.0, 5716.0, 5511.0, 5547.0, 5283.0, 5453.0, 5663.0, 5667.0, 5590.0, 5620.0, 5568.0, 5616.0, 5719.0, 5411.0, 5550.0, 5595.0, 5502.0, 5366.0, 5428.0, 5666.0, 5427.0, 5527.0, 5641.0, 5670.0, 5406.0, 5585.0, 5588.0, 5278.0, 5288.0, 5306.0, 5359.0, 5363.0, 5661.0, 5376.0, 5259.0, 5397.0, 5601.0, 5314.0, 5447.0, 5251.0, 5650.0, 5412.0, 5530.0, 5341.0, 5695.0, 5419.0, 5558.0, 5415.0, 5717.0, 5624.0, 5292.0, 5368.0, 5565.0, 5302.0, 5308.0, 5503.0, 5355.0, 5362.0, 5645.0, 5498.0, 5643.0, 5634.0, 5691.0, 5635.0, 5556.0 (number of hits: 6)
6	5510	9	1	333	1	5417.0, 5413.0, 5628.0, 5435.0, 5565.0, 5603.0, 5332.0, 5503.0, 5648.0, 5264.0, 5411.0, 5449.0, 5666.0, 5629.0, 5382.0, 5680.0, 5439.0, 5581.0, 5436.0, 5325.0, 5578.0, 5379.0, 5523.0, 5613.0, 5483.0, 5634.0, 5350.0, 5284.0, 5301.0, 5412.0, 5463.0, 5585.0, 5556.0, 5297.0, 5590.0, 5368.0, 5714.0, 5356.0, 5256.0, 5303.0,

						5540.0, 5364.0, 5263.0, 5541.0, 5330.0, 5387.0, 5327.0, 5622.0, 5353.0, 5367.0, 5493.0, 5588.0, 5575.0, 5294.0, 5599.0, 5682.0, 5280.0, 5334.0, 5524.0, 5414.0, 5390.0, 5688.0, 5482.0, 5496.0, 5460.0, 5380.0, 5497.0, 5525.0, 5343.0, 5267.0, 5362.0, 5582.0, 5466.0, 5596.0, 5253.0, 5446.0, 5552.0, 5424.0, 5645.0, 5333.0, 5345.0, 5546.0, 5355.0, 5702.0, 5272.0, 5641.0, 5305.0, 5671.0, 5480.0, 5349.0, 5721.0, 5549.0, 5410.0, 5550.0, 5512.0, 5535.0, 5619.0, 5470.0, 5547.0, 5431.0 (number of hits: 8)
7	5510	9	1	333	1	5543.0, 5582.0, 5331.0, 5555.0, 5310.0, 5309.0, 5270.0, 5545.0, 5365.0, 5675.0, 5530.0, 5462.0, 5446.0, 5562.0, 5277.0, 5519.0, 5404.0, 5724.0, 5665.0, 5429.0, 5334.0, 5559.0, 5561.0, 5564.0, 5435.0, 5679.0, 5518.0, 5510.0, 5363.0, 5710.0, 5571.0, 5513.0, 5388.0, 5685.0, 5687.0, 5516.0, 5631.0, 5720.0, 5588.0, 5718.0, 5594.0, 5313.0, 5536.0, 5439.0, 5279.0, 5638.0, 5700.0, 5711.0, 5581.0, 5257.0, 5280.0, 5301.0, 5697.0, 5600.0, 5295.0, 5299.0, 5391.0, 5602.0, 5444.0, 5261.0, 5333.0, 5635.0, 5385.0, 5597.0, 5417.0, 5354.0, 5650.0, 5646.0, 5698.0, 5278.0, 5498.0, 5293.0, 5596.0, 5614.0, 5425.0, 5411.0, 5374.0, 5716.0, 5473.0, 5318.0, 5502.0, 5378.0, 5451.0, 5316.0, 5683.0, 5381.0, 5355.0, 5479.0, 5393.0, 5372.0, 5485.0, 5353.0, 5694.0, 5452.0, 5275.0, 5664.0, 5370.0, 5323.0, 5269.0, 5557.0 (number of hits: 7)
8	5510	9	1	333	1	5709.0, 5252.0, 5260.0, 5588.0, 5664.0, 5462.0, 5493.0, 5381.0, 5607.0, 5578.0, 5481.0, 5363.0, 5522.0, 5425.0, 5265.0, 5390.0, 5695.0, 5488.0, 5428.0, 5539.0, 5529.0, 5402.0, 5346.0, 5267.0, 5656.0, 5627.0, 5685.0, 5629.0, 5517.0, 5542.0, 5256.0, 5501.0, 5625.0, 5492.0, 5506.0, 5575.0, 5612.0, 5611.0, 5410.0, 5699.0, 5339.0, 5289.0, 5401.0, 5330.0, 5686.0, 5414.0, 5555.0, 5559.0, 5626.0, 5689.0, 5292.0, 5623.0, 5582.0, 5367.0, 5525.0, 5341.0, 5460.0, 5464.0, 5439.0, 5308.0, 5283.0, 5358.0, 5430.0, 5395.0, 5682.0, 5334.0, 5667.0, 5450.0, 5715.0, 5616.0, 5423.0, 5352.0, 5361.0, 5383.0, 5465.0, 5474.0, 5573.0, 5375.0, 5499.0, 5546.0, 5705.0, 5518.0, 5338.0, 5421.0, 5353.0, 5424.0, 5504.0, 5659.0, 5391.0, 5587.0, 5545.0, 5295.0, 5413.0, 5653.0, 5323.0, 5305.0, 5347.0, 5453.0, 5711.0, 5676.0 (number of hits: 11)
9	5510	9	1	333	1	5692.0, 5598.0, 5710.0, 5277.0, 5657.0, 5411.0, 5678.0, 5722.0, 5705.0, 5319.0, 5372.0, 5335.0, 5428.0, 5624.0, 5711.0, 5427.0, 5371.0, 5654.0, 5562.0, 5344.0,

						5554.0, 5276.0, 5684.0, 5439.0, 5486.0, 5626.0, 5556.0, 5438.0, 5631.0, 5699.0, 5343.0, 5670.0, 5328.0, 5454.0, 5482.0, 5643.0, 5353.0, 5272.0, 5281.0, 5404.0, 5595.0, 5435.0, 5676.0, 5254.0, 5451.0, 5584.0, 5461.0, 5507.0, 5378.0, 5364.0, 5623.0, 5575.0, 5629.0, 5610.0, 5687.0, 5282.0, 5326.0, 5613.0, 5352.0, 5417.0, 5374.0, 5465.0, 5505.0, 5373.0, 5672.0, 5545.0, 5540.0, 5271.0, 5412.0, 5253.0, 5546.0, 5315.0, 5322.0, 5251.0, 5536.0, 5458.0, 5645.0, 5675.0, 5334.0, 5700.0, 5457.0, 5408.0, 5330.0, 5413.0, 5716.0, 5369.0, 5376.0, 5493.0, 5511.0, 5600.0, 5614.0, 5701.0, 5471.0, 5409.0, 5566.0, 5327.0, 5560.0, 5320.0, 5527.0, 5592.0 (number of hits: 5)
10	5510	9	1	333	1	5401.0, 5461.0, 5646.0, 5585.0, 5253.0, 5509.0, 5586.0, 5643.0, 5520.0, 5531.0, 5278.0, 5631.0, 5572.0, 5574.0, 5681.0, 5479.0, 5541.0, 5315.0, 5328.0, 5545.0, 5494.0, 5523.0, 5457.0, 5707.0, 5624.0, 5300.0, 5629.0, 5359.0, 5322.0, 5658.0, 5349.0, 5717.0, 5266.0, 5267.0, 5609.0, 5702.0, 5312.0, 5559.0, 5383.0, 5490.0, 5672.0, 5336.0, 5547.0, 5673.0, 5437.0, 5284.0, 5651.0, 5270.0, 5498.0, 5257.0, 5447.0, 5679.0, 5671.0, 5286.0, 5608.0, 5563.0, 5635.0, 5273.0, 5501.0, 5325.0, 5657.0, 5620.0, 5353.0, 5320.0, 5452.0, 5618.0, 5496.0, 5427.0, 5699.0, 5405.0, 5348.0, 5716.0, 5502.0, 5485.0, 5655.0, 5262.0, 5424.0, 5259.0, 5415.0, 5358.0, 5599.0, 5715.0, 5449.0, 5263.0, 5310.0, 5304.0, 5258.0, 5255.0, 5615.0, 5417.0, 5287.0, 5395.0, 5653.0, 5422.0, 5382.0, 5566.0, 5610.0, 5522.0, 5450.0, 5536.0 (number of hits: 10)
11	5510	9	1	333	1	5519.0, 5487.0, 5429.0, 5675.0, 5252.0, 5319.0, 5419.0, 5378.0, 5559.0, 5255.0, 5466.0, 5648.0, 5287.0, 5652.0, 5606.0, 5655.0, 5657.0, 5513.0, 5284.0, 5335.0, 5357.0, 5321.0, 5453.0, 5634.0, 5650.0, 5572.0, 5662.0, 5433.0, 5268.0, 5291.0, 5619.0, 5301.0, 5703.0, 5402.0, 5395.0, 5580.0, 5294.0, 5504.0, 5290.0, 5506.0, 5695.0, 5567.0, 5592.0, 5401.0, 5288.0, 5275.0, 5351.0, 5562.0, 5410.0, 5718.0, 5613.0, 5277.0, 5428.0, 5674.0, 5623.0, 5369.0, 5468.0, 5537.0, 5498.0, 5310.0, 5355.0, 5549.0, 5682.0, 5384.0, 5543.0, 5443.0, 5388.0, 5688.0, 5638.0, 5678.0, 5581.0, 5375.0, 5465.0, 5262.0, 5344.0, 5515.0, 5413.0, 5671.0, 5531.0, 5462.0, 5492.0, 5482.0, 5361.0, 5598.0, 5256.0, 5664.0, 5267.0, 5350.0, 5542.0, 5516.0, 5320.0, 5633.0, 5577.0, 5534.0, 5644.0, 5391.0, 5405.0, 5483.0, 5379.0, 5382.0 (number of hits: 8)

12	5510	9	1	333	1	5610.0, 5505.0, 5309.0, 5455.0, 5615.0, 5264.0, 5535.0, 5706.0, 5546.0, 5581.0, 5288.0, 5563.0, 5291.0, 5587.0, 5294.0, 5577.0, 5419.0, 5593.0, 5263.0, 5327.0, 5712.0, 5582.0, 5411.0, 5538.0, 5485.0, 5562.0, 5413.0, 5552.0, 5375.0, 5336.0, 5506.0, 5457.0, 5579.0, 5688.0, 5389.0, 5533.0, 5565.0, 5662.0, 5388.0, 5488.0, 5271.0, 5437.0, 5347.0, 5377.0, 5683.0, 5692.0, 5526.0, 5304.0, 5472.0, 5285.0, 5607.0, 5334.0, 5299.0, 5531.0, 5639.0, 5566.0, 5550.0, 5346.0, 5677.0, 5564.0, 5368.0, 5471.0, 5396.0, 5554.0, 5440.0, 5644.0, 5479.0, 5681.0, 5433.0, 5372.0, 5489.0, 5430.0, 5426.0, 5636.0, 5653.0, 5397.0, 5682.0, 5638.0, 5600.0, 5441.0, 5592.0, 5459.0, 5434.0, 5715.0, 5650.0, 5450.0, 5648.0, 5313.0, 5317.0, 5265.0, 5699.0, 5687.0, 5343.0, 5307.0, 5707.0, 5575.0, 5363.0, 5446.0, 5609.0, 5403.0 (number of hits: 3)
13	5510	9	1	333	1	5504.0, 5418.0, 5255.0, 5717.0, 5709.0, 5482.0, 5401.0, 5667.0, 5653.0, 5631.0, 5252.0, 5683.0, 5387.0, 5351.0, 5279.0, 5453.0, 5537.0, 5267.0, 5463.0, 5511.0, 5381.0, 5438.0, 5331.0, 5288.0, 5640.0, 5417.0, 5477.0, 5439.0, 5350.0, 5429.0, 5705.0, 5719.0, 5627.0, 5685.0, 5310.0, 5335.0, 5390.0, 5282.0, 5593.0, 5670.0, 5503.0, 5364.0, 5541.0, 5329.0, 5298.0, 5330.0, 5584.0, 5663.0, 5464.0, 5659.0, 5458.0, 5281.0, 5486.0, 5624.0, 5702.0, 5521.0, 5383.0, 5525.0, 5425.0, 5384.0, 5457.0, 5657.0, 5641.0, 5299.0, 5416.0, 5358.0, 5508.0, 5520.0, 5708.0, 5551.0, 5570.0, 5434.0, 5497.0, 5677.0, 5374.0, 5687.0, 5628.0, 5269.0, 5265.0, 5275.0, 5424.0, 5339.0, 5419.0, 5433.0, 5311.0, 5473.0, 5571.0, 5258.0, 5472.0, 5440.0, 5713.0, 5318.0, 5530.0, 5600.0, 5404.0, 5714.0, 5609.0, 5545.0, 5720.0, 5588.0 (number of hits: 8)
14	5510	9	1	333	1	5375.0, 5698.0, 5629.0, 5386.0, 5625.0, 5429.0, 5305.0, 5340.0, 5459.0, 5545.0, 5344.0, 5262.0, 5422.0, 5401.0, 5663.0, 5540.0, 5544.0, 5266.0, 5668.0, 5257.0, 5417.0, 5568.0, 5531.0, 5523.0, 5661.0, 5486.0, 5432.0, 5507.0, 5367.0, 5444.0, 5515.0, 5278.0, 5530.0, 5353.0, 5325.0, 5413.0, 5669.0, 5279.0, 5682.0, 5393.0, 5303.0, 5670.0, 5517.0, 5462.0, 5715.0, 5696.0, 5428.0, 5427.0, 5601.0, 5300.0, 5621.0, 5535.0, 5425.0, 5622.0, 5421.0, 5268.0, 5329.0, 5643.0, 5602.0, 5426.0, 5656.0, 5587.0, 5397.0, 5474.0, 5280.0, 5341.0, 5377.0, 5334.0, 5252.0, 5575.0, 5695.0, 5548.0, 5724.0, 5694.0, 5560.0, 5346.0, 5440.0, 5390.0, 5624.0, 5391.0, 5387.0, 5360.0, 5711.0, 5580.0, 5345.0,

						5448.0, 5331.0, 5600.0, 5510.0, 5529.0, 5343.0, 5446.0, 5332.0, 5292.0, 5411.0, 5620.0, 5593.0, 5314.0, 5660.0, 5286.0 (number of hits: 6)
15	5510	9	1	333	1	5586.0, 5400.0, 5256.0, 5716.0, 5647.0, 5328.0, 5698.0, 5405.0, 5373.0, 5481.0, 5465.0, 5480.0, 5326.0, 5266.0, 5511.0, 5690.0, 5314.0, 5720.0, 5485.0, 5258.0, 5436.0, 5408.0, 5478.0, 5659.0, 5445.0, 5695.0, 5706.0, 5421.0, 5590.0, 5605.0, 5603.0, 5333.0, 5310.0, 5654.0, 5360.0, 5325.0, 5549.0, 5550.0, 5454.0, 5670.0, 5662.0, 5707.0, 5341.0, 5635.0, 5657.0, 5646.0, 5323.0, 5464.0, 5291.0, 5367.0, 5613.0, 5268.0, 5462.0, 5636.0, 5509.0, 5520.0, 5534.0, 5541.0, 5556.0, 5483.0, 5319.0, 5394.0, 5349.0, 5339.0, 5518.0, 5702.0, 5517.0, 5285.0, 5403.0, 5306.0, 5316.0, 5446.0, 5357.0, 5376.0, 5679.0, 5560.0, 5396.0, 5552.0, 5346.0, 5447.0, 5277.0, 5722.0, 5347.0, 5582.0, 5344.0, 5313.0, 5536.0, 5289.0, 5399.0, 5281.0, 5382.0, 5369.0, 5575.0, 5640.0, 5631.0, 5571.0, 5273.0, 5619.0, 5419.0, 5523.0 (number of hits: 6)
16	5510	9	1	333	1	5523.0, 5571.0, 5365.0, 5552.0, 5374.0, 5696.0, 5408.0, 5343.0, 5423.0, 5429.0, 5682.0, 5697.0, 5483.0, 5279.0, 5357.0, 5433.0, 5367.0, 5451.0, 5337.0, 5444.0, 5592.0, 5291.0, 5704.0, 5645.0, 5533.0, 5600.0, 5579.0, 5706.0, 5286.0, 5396.0, 5643.0, 5379.0, 5672.0, 5270.0, 5652.0, 5449.0, 5335.0, 5512.0, 5655.0, 5661.0, 5525.0, 5366.0, 5445.0, 5497.0, 5440.0, 5632.0, 5457.0, 5535.0, 5476.0, 5453.0, 5585.0, 5385.0, 5375.0, 5450.0, 5698.0, 5393.0, 5419.0, 5309.0, 5723.0, 5720.0, 5400.0, 5494.0, 5681.0, 5293.0, 5425.0, 5323.0, 5469.0, 5402.0, 5427.0, 5363.0, 5625.0, 5424.0, 5355.0, 5414.0, 5435.0, 5603.0, 5263.0, 5331.0, 5387.0, 5315.0, 5619.0, 5336.0, 5384.0, 5300.0, 5426.0, 5421.0, 5299.0, 5602.0, 5548.0, 5479.0, 5616.0, 5267.0, 5717.0, 5489.0, 5399.0, 5347.0, 5370.0, 5351.0, 5638.0, 5513.0 (number of hits: 6)
17	5510	9	1	333	1	5656.0, 5644.0, 5493.0, 5305.0, 5611.0, 5548.0, 5418.0, 5580.0, 5320.0, 5589.0, 5485.0, 5357.0, 5386.0, 5435.0, 5437.0, 5507.0, 5316.0, 5591.0, 5686.0, 5637.0, 5579.0, 5530.0, 5703.0, 5297.0, 5263.0, 5617.0, 5638.0, 5471.0, 5620.0, 5569.0, 5722.0, 5694.0, 5578.0, 5478.0, 5661.0, 5646.0, 5261.0, 5470.0, 5614.0, 5302.0, 5503.0, 5315.0, 5537.0, 5641.0, 5607.0, 5351.0, 5385.0, 5378.0, 5524.0, 5663.0, 5555.0, 5526.0, 5308.0, 5459.0, 5636.0, 5335.0, 5521.0, 5696.0, 5719.0, 5600.0, 5625.0, 5394.0, 5359.0, 5533.0, 5367.0,

						5619.0, 5658.0, 5400.0, 5615.0, 5430.0, 5252.0, 5405.0, 5505.0, 5360.0, 5266.0, 5669.0, 5628.0, 5426.0, 5468.0, 5383.0, 5313.0, 5574.0, 5429.0, 5659.0, 5273.0, 5280.0, 5407.0, 5705.0, 5567.0, 5303.0, 5495.0, 5587.0, 5380.0, 5689.0, 5441.0, 5425.0, 5502.0, 5456.0, 5269.0, 5667.0 (number of hits: 9)
18	5510	9	1	333	0	-
19	5510	9	1	333	1	5611.0, 5356.0, 5565.0, 5445.0, 5555.0, 5560.0, 5709.0, 5604.0, 5470.0, 5538.0, 5543.0, 5289.0, 5483.0, 5494.0, 5532.0, 5395.0, 5589.0, 5451.0, 5698.0, 5644.0, 5588.0, 5450.0, 5386.0, 5673.0, 5322.0, 5562.0, 5518.0, 5645.0, 5511.0, 5600.0, 5317.0, 5662.0, 5647.0, 5521.0, 5510.0, 5330.0, 5452.0, 5461.0, 5481.0, 5632.0, 5501.0, 5681.0, 5627.0, 5486.0, 5308.0, 5639.0, 5711.0, 5701.0, 5622.0, 5325.0, 5623.0, 5387.0, 5504.0, 5385.0, 5409.0, 5487.0, 5475.0, 5696.0, 5619.0, 5371.0, 5477.0, 5362.0, 5271.0, 5707.0, 5536.0, 5715.0, 5377.0, 5524.0, 5418.0, 5598.0, 5259.0, 5391.0, 5541.0, 5329.0, 5297.0, 5292.0, 5717.0, 5449.0, 5630.0, 5346.0, 5388.0, 5512.0, 5464.0, 5633.0, 5425.0, 5614.0, 5631.0, 5720.0, 5616.0, 5266.0, 5567.0, 5302.0, 5571.0, 5713.0, 5335.0, 5344.0, 5327.0, 5411.0, 5366.0, 5405.0 (number of hits: 3)
20	5510	9	1	333	1	5301.0, 5677.0, 5377.0, 5575.0, 5330.0, 5310.0, 5273.0, 5538.0, 5547.0, 5651.0, 5495.0, 5373.0, 5412.0, 5618.0, 5432.0, 5403.0, 5617.0, 5258.0, 5500.0, 5512.0, 5554.0, 5688.0, 5594.0, 5563.0, 5620.0, 5498.0, 5493.0, 5703.0, 5706.0, 5519.0, 5710.0, 5637.0, 5358.0, 5634.0, 5556.0, 5443.0, 5611.0, 5625.0, 5325.0, 5268.0, 5427.0, 5350.0, 5536.0, 5380.0, 5699.0, 5604.0, 5357.0, 5593.0, 5307.0, 5281.0, 5609.0, 5421.0, 5267.0, 5569.0, 5558.0, 5466.0, 5702.0, 5603.0, 5375.0, 5718.0, 5690.0, 5722.0, 5649.0, 5577.0, 5708.0, 5484.0, 5705.0, 5293.0, 5564.0, 5568.0, 5514.0, 5467.0, 5376.0, 5277.0, 5397.0, 5518.0, 5689.0, 5271.0, 5674.0, 5459.0, 5557.0, 5499.0, 5365.0, 5601.0, 5382.0, 5497.0, 5347.0, 5262.0, 5546.0, 5311.0, 5341.0, 5694.0, 5480.0, 5309.0, 5255.0, 5681.0, 5527.0, 5654.0, 5633.0, 5605.0 (number of hits: 11)
21	5510	9	1	333	1	5347.0, 5617.0, 5251.0, 5588.0, 5547.0, 5332.0, 5615.0, 5396.0, 5483.0, 5543.0, 5501.0, 5452.0, 5432.0, 5351.0, 5270.0, 5609.0, 5541.0, 5256.0, 5283.0, 5264.0, 5257.0, 5295.0, 5570.0, 5655.0, 5278.0, 5388.0, 5603.0, 5449.0, 5331.0, 5441.0, 5576.0, 5358.0, 5317.0, 5316.0, 5707.0, 5515.0, 5680.0, 5468.0, 5372.0, 5594.0,

						5703.0, 5708.0, 5329.0, 5629.0, 5362.0, 5522.0, 5284.0, 5630.0, 5417.0, 5289.0, 5563.0, 5325.0, 5479.0, 5532.0, 5644.0, 5315.0, 5550.0, 5661.0, 5480.0, 5675.0, 5455.0, 5637.0, 5292.0, 5659.0, 5391.0, 5482.0, 5472.0, 5429.0, 5339.0, 5616.0, 5321.0, 5303.0, 5371.0, 5420.0, 5667.0, 5657.0, 5548.0, 5389.0, 5642.0, 5672.0, 5711.0, 5462.0, 5677.0, 5595.0, 5671.0, 5334.0, 5663.0, 5298.0, 5361.0, 5647.0, 5712.0, 5689.0, 5300.0, 5268.0, 5272.0, 5322.0, 5400.0, 5599.0, 5312.0, 5539.0 (number of hits: 3)
22	5510	9	1	333	1	5342.0, 5397.0, 5327.0, 5361.0, 5438.0, 5359.0, 5416.0, 5473.0, 5270.0, 5382.0, 5349.0, 5611.0, 5305.0, 5558.0, 5465.0, 5645.0, 5257.0, 5564.0, 5437.0, 5534.0, 5297.0, 5517.0, 5334.0, 5318.0, 5724.0, 5412.0, 5692.0, 5675.0, 5374.0, 5485.0, 5537.0, 5254.0, 5514.0, 5702.0, 5323.0, 5521.0, 5252.0, 5594.0, 5634.0, 5332.0, 5401.0, 5411.0, 5430.0, 5705.0, 5581.0, 5670.0, 5287.0, 5316.0, 5385.0, 5493.0, 5439.0, 5673.0, 5494.0, 5665.0, 5328.0, 5425.0, 5574.0, 5638.0, 5283.0, 5292.0, 5459.0, 5303.0, 5477.0, 5704.0, 5656.0, 5275.0, 5357.0, 5619.0, 5433.0, 5291.0, 5685.0, 5672.0, 5394.0, 5528.0, 5484.0, 5441.0, 5402.0, 5399.0, 5264.0, 5377.0, 5622.0, 5371.0, 5453.0, 5469.0, 5278.0, 5501.0, 5687.0, 5255.0, 5277.0, 5699.0, 5335.0, 5507.0, 5582.0, 5620.0, 5436.0, 5497.0, 5383.0, 5710.0, 5591.0, 5407.0 (number of hits: 9)
23	5510	9	1	333	1	5309.0, 5461.0, 5712.0, 5621.0, 5421.0, 5456.0, 5272.0, 5368.0, 5532.0, 5252.0, 5382.0, 5617.0, 5524.0, 5500.0, 5696.0, 5312.0, 5588.0, 5596.0, 5695.0, 5440.0, 5401.0, 5407.0, 5587.0, 5319.0, 5641.0, 5498.0, 5464.0, 5530.0, 5664.0, 5449.0, 5425.0, 5258.0, 5410.0, 5316.0, 5426.0, 5383.0, 5540.0, 5517.0, 5571.0, 5523.0, 5655.0, 5688.0, 5552.0, 5278.0, 5541.0, 5618.0, 5393.0, 5362.0, 5546.0, 5289.0, 5358.0, 5499.0, 5527.0, 5389.0, 5513.0, 5380.0, 5701.0, 5367.0, 5627.0, 5702.0, 5613.0, 5671.0, 5338.0, 5519.0, 5510.0, 5405.0, 5717.0, 5287.0, 5698.0, 5352.0, 5628.0, 5332.0, 5663.0, 5590.0, 5460.0, 5711.0, 5431.0, 5416.0, 5415.0, 5281.0, 5414.0, 5622.0, 5625.0, 5325.0, 5557.0, 5549.0, 5660.0, 5687.0, 5257.0, 5432.0, 5654.0, 5656.0, 5353.0, 5699.0, 5340.0, 5299.0, 5723.0, 5450.0, 5708.0, 5544.0 (number of hits: 10)
24	5510	9	1	333	1	5672.0, 5652.0, 5724.0, 5502.0, 5362.0, 5670.0, 5369.0, 5336.0, 5706.0, 5467.0, 5522.0, 5717.0, 5635.0, 5459.0, 5605.0, 5265.0, 5676.0, 5293.0, 5348.0, 5624.0,

						5646.0, 5285.0, 5666.0, 5581.0, 5722.0, 5689.0, 5658.0, 5363.0, 5586.0, 5576.0, 5280.0, 5585.0, 5486.0, 5617.0, 5447.0, 5642.0, 5377.0, 5699.0, 5401.0, 5433.0, 5526.0, 5465.0, 5615.0, 5545.0, 5463.0, 5491.0, 5649.0, 5452.0, 5367.0, 5606.0, 5569.0, 5665.0, 5337.0, 5353.0, 5662.0, 5479.0, 5300.0, 5394.0, 5544.0, 5589.0, 5252.0, 5521.0, 5412.0, 5438.0, 5286.0, 5612.0, 5571.0, 5410.0, 5566.0, 5629.0, 5637.0, 5621.0, 5618.0, 5511.0, 5347.0, 5504.0, 5591.0, 5274.0, 5276.0, 5718.0, 5434.0, 5600.0, 5529.0, 5695.0, 5345.0, 5261.0, 5500.0, 5519.0, 5663.0, 5333.0, 5405.0, 5575.0, 5714.0, 5461.0, 5694.0, 5669.0, 5595.0, 5684.0, 5334.0, 5510.0 (number of hits: 11)
25	5510	9	1	333	1	5552.0, 5626.0, 5605.0, 5430.0, 5577.0, 5301.0, 5608.0, 5600.0, 5297.0, 5313.0, 5471.0, 5513.0, 5603.0, 5554.0, 5592.0, 5397.0, 5415.0, 5486.0, 5692.0, 5444.0, 5364.0, 5283.0, 5676.0, 5575.0, 5526.0, 5308.0, 5274.0, 5290.0, 5305.0, 5666.0, 5660.0, 5534.0, 5442.0, 5268.0, 5465.0, 5624.0, 5424.0, 5380.0, 5694.0, 5491.0, 5591.0, 5714.0, 5684.0, 5454.0, 5621.0, 5459.0, 5401.0, 5560.0, 5593.0, 5521.0, 5481.0, 5406.0, 5325.0, 5299.0, 5654.0, 5538.0, 5479.0, 5511.0, 5450.0, 5489.0, 5387.0, 5672.0, 5256.0, 5362.0, 5606.0, 5540.0, 5568.0, 5410.0, 5371.0, 5284.0, 5539.0, 5337.0, 5472.0, 5628.0, 5446.0, 5535.0, 5644.0, 5656.0, 5670.0, 5310.0, 5719.0, 5529.0, 5556.0, 5587.0, 5403.0, 5516.0, 5601.0, 5425.0, 5287.0, 5504.0, 5509.0, 5326.0, 5392.0, 5629.0, 5423.0, 5480.0, 5311.0, 5372.0, 5269.0, 5613.0 (number of hits: 9)
26	5510	9	1	333	1	5682.0, 5305.0, 5398.0, 5441.0, 5577.0, 5469.0, 5531.0, 5488.0, 5494.0, 5436.0, 5700.0, 5462.0, 5688.0, 5649.0, 5539.0, 5444.0, 5439.0, 5493.0, 5583.0, 5712.0, 5690.0, 5310.0, 5368.0, 5296.0, 5489.0, 5275.0, 5474.0, 5278.0, 5538.0, 5410.0, 5307.0, 5330.0, 5560.0, 5679.0, 5644.0, 5570.0, 5320.0, 5606.0, 5402.0, 5572.0, 5715.0, 5650.0, 5270.0, 5476.0, 5366.0, 5375.0, 5492.0, 5363.0, 5289.0, 5434.0, 5623.0, 5501.0, 5582.0, 5456.0, 5388.0, 5527.0, 5481.0, 5683.0, 5262.0, 5697.0, 5284.0, 5353.0, 5628.0, 5529.0, 5340.0, 5676.0, 5457.0, 5356.0, 5491.0, 5316.0, 5277.0, 5324.0, 5543.0, 5392.0, 5680.0, 5497.0, 5274.0, 5266.0, 5540.0, 5383.0, 5642.0, 5592.0, 5415.0, 5421.0, 5626.0, 5667.0, 5308.0, 5287.0, 5358.0, 5568.0, 5710.0, 5605.0, 5397.0, 5396.0, 5569.0, 5596.0, 5664.0, 5681.0, 5435.0, 5548.0 (number of hits: 8)

27	5510	9	1	333	1	5504.0, 5608.0, 5711.0, 5583.0, 5395.0, 5290.0, 5369.0, 5274.0, 5571.0, 5679.0, 5284.0, 5422.0, 5261.0, 5266.0, 5341.0, 5337.0, 5501.0, 5275.0, 5519.0, 5577.0, 5631.0, 5399.0, 5575.0, 5376.0, 5482.0, 5667.0, 5582.0, 5427.0, 5346.0, 5640.0, 5510.0, 5605.0, 5506.0, 5505.0, 5390.0, 5328.0, 5562.0, 5616.0, 5476.0, 5603.0, 5545.0, 5522.0, 5568.0, 5416.0, 5615.0, 5665.0, 5349.0, 5515.0, 5581.0, 5380.0, 5669.0, 5686.0, 5368.0, 5700.0, 5683.0, 5282.0, 5663.0, 5557.0, 5296.0, 5564.0, 5486.0, 5645.0, 5314.0, 5332.0, 5448.0, 5639.0, 5336.0, 5708.0, 5406.0, 5634.0, 5417.0, 5553.0, 5556.0, 5352.0, 5480.0, 5638.0, 5666.0, 5714.0, 5503.0, 5280.0, 5302.0, 5565.0, 5668.0, 5527.0, 5327.0, 5351.0, 5607.0, 5600.0, 5319.0, 5393.0, 5316.0, 5636.0, 5484.0, 5365.0, 5487.0, 5646.0, 5597.0, 5652.0, 5707.0, 5599.0 (number of hits: 10)
28	5510	9	1	333	1	5463.0, 5678.0, 5714.0, 5429.0, 5670.0, 5390.0, 5509.0, 5720.0, 5662.0, 5546.0, 5308.0, 5499.0, 5515.0, 5659.0, 5258.0, 5601.0, 5533.0, 5640.0, 5379.0, 5280.0, 5702.0, 5446.0, 5654.0, 5312.0, 5526.0, 5598.0, 5411.0, 5611.0, 5421.0, 5474.0, 5535.0, 5536.0, 5372.0, 5374.0, 5565.0, 5263.0, 5493.0, 5452.0, 5507.0, 5684.0, 5293.0, 5351.0, 5665.0, 5309.0, 5618.0, 5323.0, 5393.0, 5427.0, 5590.0, 5696.0, 5457.0, 5570.0, 5566.0, 5276.0, 5545.0, 5337.0, 5677.0, 5556.0, 5405.0, 5674.0, 5560.0, 5692.0, 5635.0, 5691.0, 5440.0, 5384.0, 5418.0, 5695.0, 5397.0, 5594.0, 5580.0, 5575.0, 5422.0, 5316.0, 5613.0, 5707.0, 5657.0, 5576.0, 5434.0, 5502.0, 5441.0, 5629.0, 5608.0, 5721.0, 5414.0, 5483.0, 5548.0, 5564.0, 5586.0, 5621.0, 5543.0, 5339.0, 5711.0, 5689.0, 5285.0, 5400.0, 5340.0, 5354.0, 5551.0, 5645.0 (number of hits: 7)
29	5510	9	1	333	1	5285.0, 5458.0, 5493.0, 5340.0, 5663.0, 5392.0, 5420.0, 5510.0, 5418.0, 5677.0, 5534.0, 5564.0, 5506.0, 5348.0, 5548.0, 5438.0, 5318.0, 5585.0, 5656.0, 5361.0, 5692.0, 5346.0, 5683.0, 5614.0, 5335.0, 5484.0, 5645.0, 5314.0, 5550.0, 5615.0, 5313.0, 5369.0, 5592.0, 5558.0, 5621.0, 5567.0, 5649.0, 5387.0, 5402.0, 5446.0, 5469.0, 5263.0, 5509.0, 5407.0, 5286.0, 5334.0, 5378.0, 5668.0, 5357.0, 5512.0, 5503.0, 5572.0, 5337.0, 5650.0, 5707.0, 5682.0, 5427.0, 5507.0, 5349.0, 5379.0, 5477.0, 5306.0, 5316.0, 5255.0, 5403.0, 5358.0, 5287.0, 5587.0, 5317.0, 5292.0, 5330.0, 5529.0, 5671.0, 5701.0, 5417.0, 5443.0, 5628.0, 5595.0, 5476.0, 5618.0, 5471.0, 5693.0, 5323.0, 5377.0, 5631.0,

						5300.0, 5708.0, 5428.0, 5444.0, 5311.0, 5430.0, 5308.0, 5662.0, 5669.0, 5586.0, 5278.0, 5561.0, 5375.0, 5275.0, 5675.0 (number of hits: 8)
30	5510	9	1	333	1	5346.0, 5543.0, 5416.0, 5704.0, 5644.0, 5713.0, 5405.0, 5590.0, 5627.0, 5511.0, 5393.0, 5632.0, 5374.0, 5429.0, 5495.0, 5537.0, 5462.0, 5514.0, 5546.0, 5657.0, 5297.0, 5670.0, 5396.0, 5372.0, 5556.0, 5355.0, 5625.0, 5647.0, 5484.0, 5589.0, 5352.0, 5652.0, 5650.0, 5268.0, 5701.0, 5313.0, 5431.0, 5337.0, 5356.0, 5483.0, 5593.0, 5678.0, 5441.0, 5624.0, 5488.0, 5634.0, 5708.0, 5403.0, 5588.0, 5687.0, 5509.0, 5609.0, 5626.0, 5699.0, 5504.0, 5562.0, 5278.0, 5420.0, 5461.0, 5306.0, 5570.0, 5600.0, 5530.0, 5597.0, 5367.0, 5357.0, 5475.0, 5684.0, 5419.0, 5442.0, 5545.0, 5460.0, 5702.0, 5555.0, 5691.0, 5365.0, 5694.0, 5613.0, 5451.0, 5584.0, 5437.0, 5508.0, 5424.0, 5326.0, 5476.0, 5661.0, 5323.0, 5302.0, 5402.0, 5408.0, 5379.0, 5413.0, 5293.0, 5397.0, 5622.0, 5596.0, 5714.0, 5576.0, 5265.0, 5308.0 (number of hits: 6)

5530 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	83.3 %	60%	Pass
Aggregate (Type1 to 4)	120	92.5%	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5530 MHz, 80 MHz Bandwidth

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	59	1	898	1
2	5530	61	1	878	1
3	5530	72	1	738	1
4	5530	67	1	798	1
5	5530	95	1	558	1
6	5530	65	1	818	1
7	5530	86	1	618	1
8	5530	58	1	918	1
9	5530	63	1	838	1
10	5530	68	1	778	1
11	5530	78	1	678	1
12	5530	81	1	658	1
13	5530	89	1	598	1
14	5530	83	1	638	1
15	5530	57	1	938	1
16	5530	18	1	2997	1
17	5530	24	1	2253	1
18	5530	39	1	1354	1
19	5530	37	1	1466	1
20	5530	19	1	2842	1
21	5530	24	1	2210	1
22	5530	57	1	941	1
23	5530	26	1	2042	1
24	5530	50	1	1065	1
25	5530	60	1	893	1
26	5530	21	1	2557	1
27	5530	23	1	2348	1
28	5530	30	1	1766	1
29	5530	89	1	595	1
30	5530	22	1	2508	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	28	2	205	1
2	5530	29	3.4	168	1
3	5530	23	2.4	199	1
4	5530	29	1.1	187	1
5	5530	24	4.6	222	1
6	5530	27	1.7	150	1
7	5530	26	3.8	189	1
8	5530	23	5	219	1
9	5530	23	2	215	1
10	5530	26	1.4	202	1
11	5530	29	1.6	220	1
12	5530	28	4.7	199	1
13	5530	27	3.4	184	1
14	5530	26	5	173	1
15	5530	28	3.2	204	1
16	5530	25	1.3	208	1
17	5530	25	4.7	189	1
18	5530	26	4.4	205	1
19	5530	29	2.1	173	1
20	5530	26	3	160	1
21	5530	28	3.1	189	1
22	5530	29	3.5	212	1
23	5530	27	4.8	154	1
24	5530	25	4.7	203	1
25	5530	27	4.7	218	1
26	5530	26	1.4	199	1
27	5530	24	1.3	153	1
28	5530	29	4.8	203	1
29	5530	26	2.6	173	1
30	5530	27	2.6	172	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	17	7.6	342	1
2	5530	16	9.7	395	1
3	5530	17	9.6	240	1
4	5530	18	8.3	471	1
5	5530	16	6.6	348	1
6	5530	18	9.8	341	1
7	5530	17	8.5	285	1
8	5530	18	9.8	294	1
9	5530	16	6.8	363	1
10	5530	18	9	346	1
11	5530	17	6.6	208	0
12	5530	17	7.2	247	1
13	5530	17	7.5	326	1
14	5530	16	9	487	1
15	5530	17	9.3	220	0
16	5530	17	9.7	250	1
17	5530	18	7.8	453	1
18	5530	17	6.4	221	0
19	5530	17	9.1	421	1
20	5530	18	7.6	245	1
21	5530	18	8.1	213	1
22	5530	16	6.6	252	1
23	5530	17	10	360	1
24	5530	18	8.1	215	0
25	5530	17	6.7	265	1
26	5530	17	9.4	273	1
27	5530	17	9.3	365	1
28	5530	18	6.7	313	1
29	5530	17	6.8	240	1
30	5530	17	7.5	312	1
Detection Percentage: 86.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	16	12.2	278	1
2	5530	12	18.1	309	1
3	5530	12	11.3	409	1
4	5530	12	15.9	321	1
5	5530	15	16.2	222	0
6	5530	13	16.4	377	1
7	5530	16	19.2	231	1
8	5530	14	12.5	288	1
9	5530	16	14.1	362	1
10	5530	12	17.8	365	1
11	5530	14	19.1	486	1
12	5530	15	19.8	276	1
13	5530	16	15	392	1
14	5530	14	11.8	223	0
15	5530	15	12.2	246	1
16	5530	13	17.6	366	1
17	5530	16	13	250	1
18	5530	13	14.6	224	0
19	5530	16	15.8	362	1
20	5530	16	14.7	473	1
21	5530	14	12.9	252	1
22	5530	12	14.7	262	1
23	5530	12	17.2	227	1
24	5530	16	18.5	428	1
25	5530	12	15.3	443	1
26	5530	16	12	394	1
27	5530	12	13.7	202	0
28	5530	14	12.2	478	0
29	5530	13	12.3	373	1
30	5530	16	13.9	393	1
Detection Percentage: 83.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
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	5497.6	1
12	5498.8	1
13	5494.4	1
14	5496.4	1
15	5498.4	1
16	5499.2	1
17	5494.8	1
18	5499.6	1
19	5499.6	1
20	5495.6	1
21	5566.0	1
22	5565.6	1
23	5567.2	1
24	5563.2	1
25	5565.6	1
26	5564.8	1
27	5566.8	1
28	5564.4	1
29	5566.4	1
30	5566.4	1
Detection Percentage: 100% (>80%)		

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	6	92.8	1331		0.299586	
1	2	6	73.7	1056		1.251719	
2	1	6	51.8			2.03087	
3	3	6	73.1	1518	1480	2.786828	
4	2	6	64.3	1984		3.857483	
5	2	6	81.8	1920		4.726853	
6	3	6	51.8	1244	1231	5.057388	
7	3	6	66.3	1280	1408	6.324394	1
8	3	6	73.6	1294	1278	6.452961	
9	2	6	69.5	1314		7.427966	
10	1	6	50.8			8.762412	
11	1	6	83			8.932714	
12	1	6	77.2			9.830112	
13	2	6	75.5	1013		10.645963	
14	1	6	55.7			11.209375	

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	15	64.6	1966	1100	0.109443	
1	2	15	82.4	1320		1.313299	
2	3	15	62.9	1690	1373	1.735677	
3	2	15	55.8	1961		2.908135	
4	2	15	87.5	1286		4.113555	
5	3	15	57.7	1290	1213	5.134734	
6	2	15	96.7	1787		5.176673	
7	1	15	67.1			6.491387	1
8	1	15	81			7.103065	
9	2	15	64.3	1538		8.38481	
10	3	15	82.8	1772	1228	8.89007	
11	2	15	58.7	1270		10.044046	
12	2	15	53.1	1703		10.752075	
13	2	15	62.3	1533		11.178767	

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	11	81.5	1498		0.776779	1
1	2	11	94.5	1358		1.515811	
2	3	11	89.4	1100	1945	2.365173	
3	3	11	67.8	1264	1527	2.939761	
4	2	11	96.4	1214		3.818388	
5	2	11	78.4	1286		4.843725	
6	2	11	83.6	1183		5.451002	
7	2	11	82.2	1797		6.507262	
8	3	11	57.2	1644	1008	7.550597	
9	2	11	98.7	1595		8.056432	
10	2	11	71.1	1074		9.163259	
11	3	11	78.1	1532	1204	10.120585	
12	3	11	72.5	1464	1102	10.621858	
13	2	11	76.8	1198		11.472047	

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	3	15	90.1	1058	1304	0.345806	1
1	2	15	70.4	1890		1.641682	
2	3	15	97.2	1102	1736	2.988592	
3	1	15	63.4			4.640156	
4	3	15	69.6	1470	1436	6.168607	
5	2	15	78.5	1842		7.768212	
6	3	15	89.3	1494	1886	8.419255	
7	1	15	78.4			9.852628	
8	3	15	53.3	1316	1727	11.934765	

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	13	69.5	1520	1021	0.293499	1
1	1	13	82.9			1.231262	
2	3	13	71.9	1441	1376	1.867225	
3	2	13	64.9	1870		2.765916	
4	1	13	91.5			3.787197	
5	1	13	68.3			4.462756	
6	1	13	56.3			5.644268	
7	1	13	99.1			6.801181	
8	2	13	53.7	1947		7.504186	
9	2	13	68.8	1328		7.816898	
10	1	13	90.4			8.773034	
11	1	13	97.8			9.86542	
12	1	13	61			10.988386	
13	2	13	76.9	1787		11.671978	

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	81.3	1817		0.69255	1
1	2	14	89.5	1059		1.040829	
2	2	14	80.4	1351		1.461599	
3	3	14	96	1853	1550	2.710005	
4	3	14	99.5	1860	1650	2.964339	
5	1	14	76.3			4.114772	
6	1	14	95.5			4.796005	
7	2	14	67	1799		5.571985	
8	3	14	69.2	1736	1007	6.258584	
9	3	14	96.2	1262	1847	7.048363	
10	2	14	71.5	1192		7.467676	
11	2	14	51.6	1505		8.097739	
12	3	14	54	1340	1557	8.837252	
13	1	14	84.3			9.571073	
14	2	14	79.2	1844		9.990677	
15	2	14	88.5	1476		10.660411	
16	2	14	64.9	1698		11.783115	

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	15	79	1685		0.578294	1
1	2	15	88.3	1762		1.490247	
2	3	15	94.6	1658	1559	2.11777	
3	3	15	71.5	1745	1612	2.968434	
4	3	15	99.3	1835	1257	3.740213	
5	3	15	91.4	1888	1291	4.242643	
6	2	15	76.7	1354		4.964071	
7	2	15	82.8	1968		5.45883	
8	2	15	50.7	1805		6.686971	
9	1	15	98.5			7.452074	
10	2	15	70	1114		8.186715	
11	1	15	82.6			8.744691	
12	1	15	63.7			9.302374	
13	2	15	53.5	1635		10.125847	
14	2	15	87.2	1623		10.510103	
15	2	15	68.4	1370		11.600657	

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	6	93.8	1272	1316	0.170774	1
1	2	6	91.2	1375		1.567811	
2	2	6	51.8	1425		2.292743	
3	2	6	79.4	1403		3.556241	
4	2	6	95.9	1372		4.54445	
5	2	6	80	1276		5.486907	
6	3	6	86.3	1381	1316	7.149017	
7	3	6	74.7	1457	1202	7.83728	
8	1	6	88			9.436509	
9	2	6	58.9	1664		9.874975	
10	3	6	55.8	1848	1960	11.055652	

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	78.7			1.264823	1
1	1	8	88.1			1.959958	
2	3	8	96.3	1689	1157	3.862126	
3	3	8	74.4	1119	1391	4.163919	
4	1	8	78.2			6.650049	
5	3	8	77.1	1138	1005	7.051825	
6	3	8	62.5	1470	1818	9.296706	
7	3	8	68.4	1792	1664	9.870882	
8	2	8	66.2	1164		11.143059	

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	3	6	91.4	1062	1781	0.437458	1
1	2	6	60	1708		1.402941	
2	3	6	99.3	1124	1699	3.592901	
3	2	6	92.9	1614		4.260855	
4	2	6	86	1259		5.639345	
5	2	6	67.4	1704		6.980054	
6	1	6	78.9			8.046596	
7	2	6	91.2	1962		8.521707	
8	1	6	83.9			9.668933	
9	2	6	59.3	1147		11.253384	

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	14	66	1387		0.450771	
1	1	14	51.7			2.110198	
2	2	14	54.5	1683		2.548467	
3	1	14	81.4			3.978389	
4	3	14	51.4	1177	1712	5.213803	
5	3	14	62.3	1544	1574	6.522732	0
6	2	14	81.1	1153		7.055235	
7	2	14	74.8	1781		7.675313	
8	2	14	80.6	1635		9.464672	
9	3	14	50.9	1259	1858	9.904961	
10	1	14	72.5			11.802829	

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	17	85.9	1109		0.223298	
1	2	17	66.1	1550		0.801745	
2	1	17	97.7			1.506626	
3	2	17	76.4	1310		2.281357	
4	2	17	90.2	1232		2.999606	
5	2	17	98	1895		3.56621	
6	2	17	81.2	1459		4.230121	
7	1	17	50.3			5.039093	
8	3	17	66.8	1608	1042	5.594693	
9	1	17	91.6			5.970709	1
10	1	17	79.3			6.788454	
11	2	17	71.7	1633		7.298443	
12	1	17	88.4			7.7421	
13	3	17	62.7	1283	1197	8.76692	
14	3	17	61.3	1939	1626	9.204487	
15	2	17	53.3	1450		9.97843	
16	2	17	87.4	1411		10.108173	
17	3	17	51.9	1030	1211	11.256473	
18	2	17	61.9	1761		11.645648	

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	3	6	90.3	1956	1529	0.124287	1
1	2	6	67.9	1835		1.645976	
2	2	6	95	1783		2.384944	
3	1	6	88.1			3.046446	
4	2	6	95	1421		3.938993	
5	3	6	80.6	1887	1651	4.781689	
6	3	6	53.8	1525	1342	5.485947	
7	3	6	73.5	1945	1979	6.200367	
8	3	6	85.2	1676	1832	6.997449	
9	2	6	77.9	1421		8.188009	
10	2	6	56.9	1060		8.822488	
11	2	6	68.2	1890		9.977955	
12	2	6	99.9	1667		10.515891	
13	2	6	64.6	1905		11.814965	

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	11	58.4			0.188688	1
1	2	11	56.3	1913		1.195202	
2	2	11	59.3	1262		2.333782	
3	2	11	50.8	1790		3.310098	
4	1	11	86.9			4.121831	
5	2	11	90.4	1039		5.236997	
6	2	11	68.7	1670		6.118074	
7	2	11	65.2	1718		7.369482	
8	2	11	52.7	1038		8.061822	
9	1	11	95.7			8.419174	
10	1	11	89.1			9.32033	
11	3	11	63.7	1620	1749	10.568162	
12	2	11	98.8	1579		11.934989	

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	2	16	63.4	1356		0.068613	1
1	1	16	57.9			1.161935	
2	3	16	54	1598	1102	3.247786	
3	3	16	61.7	1555	1753	3.455727	
4	3	16	69.4	1336	1393	5.384823	
5	2	16	94.5	1479		6.333279	
6	2	16	85.2	1877		7.429819	
7	1	16	71.4			8.01944	
8	2	16	96.9	1231		9.014302	
9	3	16	59.5	1203	1900	10.797489	
10	2	16	52.7	1518		11.468343	

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	18	79.9			0.131723	1
1	2	18	86.4	1429		0.679687	
2	3	18	55.9	1654	1481	1.571544	
3	2	18	94.7	1054		2.522005	
4	3	18	76.5	1798	1407	2.816822	
5	3	18	64.4	1554	1878	3.365474	
6	2	18	92.1	1741		4.302053	
7	3	18	93.7	1756	1954	4.94419	
8	1	18	56.2			5.555067	
9	1	18	57.2			6.268075	
10	1	18	78.8			6.957753	
11	3	18	64.9	1623	1036	7.552775	
12	2	18	91.4	1567		8.460549	
13	1	18	96.3			8.956251	
14	2	18	57.6	1674		9.90638	
15	1	18	99.4			10.344394	
16	1	18	85.5			10.900144	
17	2	18	64	1113		11.826738	

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	7	87.2	1959		0.454803	1
1	3	7	84.1	1920	1497	0.697122	
2	2	7	85.9	1403		1.959757	
3	3	7	65.2	1329	1003	2.193385	
4	1	7	94			3.088927	
5	3	7	86	1999	1152	3.718931	
6	2	7	57.2	1833		4.21171	
7	2	7	57.5	1351		4.942291	
8	1	7	55.9			5.377361	
9	2	7	56.3	1963		6.226185	
10	1	7	63.7			6.773712	
11	1	7	66.6			7.468044	
12	2	7	71.8	1204		8.54196	
13	2	7	60.7	1713		8.829927	
14	2	7	54	1253		9.353144	
15	2	7	85.8	1719		10.272393	
16	2	7	60.4	1997		11.101573	
17	2	7	55	1437		11.669278	

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	76.5	1112		0.435162	
1	3	19	92.3	1259	1588	0.870172	
2	3	19	61.5	1565	1893	1.541591	
3	2	19	68.2	1021		2.38871	
4	1	19	80.1			2.805937	
5	2	19	58.5	1684		3.7452	
6	2	19	81.2	1549		4.010003	
7	2	19	59.3	1128		5.038692	
8	2	19	69.6	1772		5.513077	1
9	3	19	72.3	1500	1105	6.239414	
10	2	19	97.5	1073		6.733297	
11	2	19	65.9	1398		7.991094	
12	2	19	54.6	1030		8.41503	
13	3	19	61.9	1854	1778	8.725409	
14	2	19	61.2	1680		9.858357	
15	1	19	83.8			10.179296	
16	2	19	61.4	1250		11.251675	
17	3	19	70.1	1466	1157	11.561251	

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	90.2	1244		0.07623	1
1	2	19	92	1340		0.824918	
2	1	19	80.8			1.572965	
3	3	19	99.9	1263	1939	2.040032	
4	2	19	89	1802		3.185963	
5	1	19	96.7			3.511994	
6	1	19	61.8			4.384162	
7	1	19	77.6			4.757224	
8	1	19	51.7			5.651031	
9	2	19	55.7	1324		6.552049	
10	2	19	76	1830		7.130044	
11	2	19	64.7	1622		7.663675	
12	2	19	69.7	1102		8.219989	
13	2	19	67.5	1056		8.727188	
14	3	19	88.3	1511	1039	9.849955	
15	3	19	97.4	1143	1799	10.44239	
16	3	19	66.9	1773	1144	11.237121	
17	2	19	69.8	1571		11.559228	

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	9	53.2			0.995656	1
1	2	9	97.8	1845		2.31316	
2	3	9	76.4	1687	1224	2.99066	
3	1	9	92.3			3.842097	
4	3	9	52.9	1951	1062	4.830556	
5	2	9	97.1	1568		7.116995	
6	1	9	79.2			7.929598	
7	2	9	54.5	1047		8.928321	
8	3	9	87.5	1626	1039	10.044273	
9	3	9	73.7	1872	1538	11.743656	

Bin5 Statistics 21

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	58.6	1724		0.594539	
1	2	10	68.8	1288		1.237565	
2	2	10	89.9	1244		1.603724	
3	2	10	97.7	1697		2.294984	
4	1	10	78.2			2.77137	
5	2	10	66.3	1038		3.761602	
6	1	10	88.8			4.157495	
7	1	10	96.6			4.96309	
8	2	10	90.6	1557		5.093556	
9	2	10	77.2	1014		6.013792	1
10	3	10	92.4	1462	1490	6.706542	
11	2	10	98.6	1375		7.279027	
12	3	10	84.3	1585	1110	8.03662	
13	1	10	56.1			8.632196	
14	1	10	58.1			9.295326	
15	1	10	55.6			9.597325	
16	3	10	59.8	1286	1948	10.588588	
17	3	10	56.5	1207	1789	11.069868	
18	1	10	97			11.957523	

Bin5 Statistics 22

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	89.7	1992	1378	0.139249	
1	3	11	94.4	1266	1646	1.197666	
2	2	11	90.8	1635		3.180399	
3	2	11	89.8	1374		3.631771	
4	2	11	58.8	1525		4.589042	
5	3	11	76.4	1132	1118	5.79565	1
6	1	11	87.2			6.744574	
7	2	11	64.5	1916		8.487435	
8	2	11	54.8	1474		9.378698	
9	1	11	86.1			10.525837	
10	3	11	77.2	1433	1842	11.788081	

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	7	74.4			0.015846	1
1	3	7	55.3	1241	1762	1.498891	
2	2	7	99.3	1207		2.079674	
3	2	7	68.2	1821		3.309687	
4	2	7	54.2	1942		3.540596	
5	2	7	89	1714		4.493334	
6	1	7	80.6			5.615255	
7	2	7	64.8	1178		6.628443	
8	2	7	72.8	1926		7.337554	
9	2	7	73	1613		8.118807	
10	2	7	81.3	1881		9.190123	
11	2	7	54.1	1154		9.565596	
12	2	7	56.5	1274		10.748966	
13	3	7	51.3	1478	1896	11.353439	

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	94.7	1923		0.500711	1
1	2	17	88.1	1643		0.960042	
2	3	17	70.1	1932	1443	2.221211	
3	2	17	69.4	1969		2.485648	
4	2	17	74.7	1946		3.197575	
5	1	17	66.4			4.19975	
6	3	17	94.7	1863	1217	4.865931	
7	2	17	80.9	1899		5.418827	
8	2	17	76.6	1565		6.627348	
9	2	17	55.8	1929		6.985442	
10	1	17	96			8.132718	
11	2	17	98.8	1752		8.739565	
12	2	17	78.3	1816		9.679589	
13	2	17	68.9	1295		9.769317	
14	2	17	61.4	1160		11.08666	
15	2	17	67.3	1354		11.94756	

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	3	11	90.6	1082	1137	0.589062	
1	2	11	78.7	1085		1.196415	
2	3	11	89.8	1321	1161	2.376525	
3	2	11	88.2	1965		3.073674	
4	1	11	78.1			3.337846	
5	2	11	52	1322		4.206618	
6	3	11	75.9	1601	1764	4.93436	
7	3	11	58.4	1349	1566	6.188062	1
8	2	11	62.1	1126		6.61995	
9	2	11	90	1371		7.659028	
10	2	11	64.6	1709		8.258581	
11	1	11	50.3			9.279778	
12	3	11	52.2	1436	1624	10.028574	
13	3	11	76.5	1588	1639	10.947497	
14	1	11	82.5			11.375802	

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	91.2	1920		0.746341	
1	3	13	55.7	1655	1281	1.681543	
2	1	13	83.7			2.179733	
3	2	13	72.6	1505		3.60631	
4	3	13	51.5	1281	1852	3.805067	
5	3	13	58	1602	1261	4.679317	
6	2	13	96.3	1764		6.2173	1
7	3	13	58.7	1170	1916	6.969443	
8	2	13	55.5	1142		7.837922	
9	1	13	63.3			9.206539	
10	2	13	95.3	1944		9.716461	
11	3	13	69.2	1688	1760	10.652607	
12	1	13	82.3			11.220383	

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	8	85.2			0.997669	1
1	2	8	85.1	1782		2.241947	
2	2	8	80.6	1791		3.5295	
3	3	8	82.2	1443	1030	5.583681	
4	2	8	79.9	1351		6.441802	
5	1	8	90			8.148966	
6	2	8	82.4	1701		9.186469	
7	1	8	95.5			11.557621	

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	14	63.6	1374		0.105274	1
1	1	14	67.2			1.15555	
2	2	14	51.2	1657		2.037494	
3	3	14	58.4	1223	1754	2.813638	
4	2	14	52.6	1137		3.660994	
5	2	14	97.3	1245		4.114705	
6	2	14	87.3	1759		5.219013	
7	2	14	79.4	1663		5.88077	
8	1	14	85.6			6.60345	
9	2	14	73.4	1963		7.214411	
10	2	14	63.8	1666		7.985884	
11	3	14	50.7	1487	1244	8.834843	
12	2	14	99.5	1986		9.437726	
13	3	14	97.8	1540	1720	10.349157	
14	2	14	89.5	1373		11.038279	
15	3	14	58.7	1395	1314	11.547749	

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	2	9	50	1781		0.784643	
1	2	9	62.2	1981		1.889141	
2	2	9	85.8	1717		2.562206	
3	3	9	79.1	1625	1657	3.564509	
4	1	9	53.5			4.839845	
5	3	9	64.1	1170	1166	5.798097	1
6	2	9	65.5	1447		7.597607	
7	1	9	63.1			7.694621	
8	2	9	87.8	1090		8.740162	
9	2	9	72.6	1264		10.616067	
10	2	9	63	1830		11.716133	

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	9	74.3	1323		0.230471	
1	1	9	66.6			1.304082	
2	1	9	77.6			1.806062	
3	2	9	81.2	1772		2.430861	
4	1	9	90.2			3.311933	
5	3	9	50.6	1341	1713	3.539081	
6	2	9	76.2	1849		4.620927	
7	2	9	97	1461		4.816788	
8	2	9	81.9	1006		5.445533	
9	3	9	57.3	1932	1694	6.555503	1
10	3	9	71.2	1518	1978	6.892358	
11	2	9	90.8	1224		7.342375	
12	1	9	94.9			8.330755	
13	2	9	77.3	1531		9.049905	
14	2	9	82.3	1048		9.447377	
15	1	9	96.5			10.18055	
16	1	9	74.1			11.046296	
17	2	9	55.1	1766		11.66312	

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	9	1	333	1	5649.0, 5323.0, 5604.0, 5457.0, 5431.0, 5685.0, 5254.0, 5269.0, 5474.0, 5362.0, 5420.0, 5678.0, 5703.0, 5670.0, 5482.0, 5700.0, 5677.0, 5422.0, 5436.0, 5617.0, 5463.0, 5632.0, 5425.0, 5303.0, 5267.0, 5691.0, 5550.0, 5280.0, 5702.0, 5468.0, 5437.0, 5492.0, 5718.0, 5409.0, 5636.0, 5368.0, 5399.0, 5429.0, 5406.0, 5667.0, 5701.0, 5365.0, 5613.0, 5514.0, 5555.0, 5576.0, 5349.0, 5360.0, 5567.0, 5644.0, 5344.0, 5524.0, 5465.0, 5268.0, 5402.0, 5464.0, 5292.0, 5340.0, 5593.0, 5304.0, 5333.0, 5273.0, 5603.0, 5347.0, 5532.0, 5585.0, 5533.0, 5366.0, 5440.0, 5467.0, 5282.0, 5500.0, 5665.0, 5645.0, 5341.0, 5669.0, 5619.0, 5546.0, 5260.0, 5329.0, 5587.0, 5594.0, 5342.0, 5573.0, 5583.0, 5574.0, 5581.0, 5410.0, 5275.0, 5504.0, 5671.0, 5483.0, 5330.0, 5706.0, 5523.0, 5481.0, 5486.0, 5427.0, 5458.0, 5697.0 (number of hits: 12)
2	5530	9	1	333	1	5649.0, 5520.0, 5719.0, 5388.0, 5640.0, 5551.0, 5624.0, 5460.0, 5532.0, 5694.0, 5370.0, 5267.0, 5693.0, 5508.0, 5702.0, 5670.0, 5312.0, 5628.0, 5600.0, 5630.0, 5269.0, 5354.0, 5421.0, 5669.0, 5526.0, 5295.0, 5335.0, 5320.0, 5397.0, 5566.0, 5292.0, 5632.0, 5594.0, 5470.0, 5372.0, 5317.0, 5604.0, 5619.0, 5256.0, 5432.0, 5548.0, 5543.0, 5420.0, 5282.0, 5356.0, 5411.0, 5485.0, 5327.0, 5254.0, 5365.0, 5509.0, 5367.0, 5473.0, 5559.0, 5474.0, 5622.0, 5346.0, 5417.0, 5328.0, 5645.0, 5326.0, 5463.0, 5550.0, 5639.0, 5475.0, 5575.0, 5266.0, 5552.0, 5613.0, 5713.0, 5515.0, 5540.0, 5641.0, 5586.0, 5712.0, 5590.0, 5358.0, 5407.0, 5661.0, 5686.0, 5717.0, 5605.0, 5368.0, 5525.0, 5494.0, 5422.0, 5496.0, 5280.0, 5277.0, 5676.0, 5402.0, 5536.0, 5478.0, 5504.0, 5409.0, 5353.0, 5516.0, 5602.0, 5662.0, 5549.0 (number of hits: 21)
3	5530	9	1	333	1	5420.0, 5353.0, 5593.0, 5295.0, 5401.0, 5317.0, 5271.0, 5351.0, 5303.0, 5587.0, 5672.0, 5694.0, 5497.0, 5323.0, 5679.0, 5252.0, 5720.0, 5516.0, 5503.0, 5704.0, 5688.0, 5444.0, 5606.0, 5669.0, 5485.0, 5378.0, 5715.0, 5498.0, 5584.0, 5594.0, 5431.0, 5372.0, 5622.0, 5313.0, 5424.0, 5662.0, 5535.0, 5267.0, 5465.0, 5399.0, 5358.0, 5466.0, 5691.0, 5647.0, 5376.0, 5264.0, 5440.0, 5348.0, 5280.0, 5366.0, 5265.0, 5467.0, 5583.0, 5390.0, 5489.0,

						5380.0, 5703.0, 5473.0, 5421.0, 5408.0, 5492.0, 5389.0, 5536.0, 5392.0, 5555.0, 5299.0, 5268.0, 5284.0, 5696.0, 5721.0, 5629.0, 5566.0, 5256.0, 5402.0, 5296.0, 5332.0, 5680.0, 5545.0, 5652.0, 5346.0, 5507.0, 5532.0, 5494.0, 5515.0, 5519.0, 5304.0, 5383.0, 5308.0, 5512.0, 5478.0, 5310.0, 5326.0, 5633.0, 5684.0, 5275.0, 5434.0, 5613.0, 5493.0, 5596.0, 5318.0 (number of hits: 17)
4	5530	9	1	333	1	5476.0, 5296.0, 5638.0, 5447.0, 5538.0, 5597.0, 5543.0, 5365.0, 5500.0, 5561.0, 5584.0, 5401.0, 5658.0, 5567.0, 5695.0, 5549.0, 5359.0, 5676.0, 5665.0, 5255.0, 5421.0, 5489.0, 5416.0, 5550.0, 5266.0, 5358.0, 5633.0, 5330.0, 5556.0, 5338.0, 5664.0, 5625.0, 5626.0, 5696.0, 5307.0, 5546.0, 5529.0, 5609.0, 5457.0, 5541.0, 5254.0, 5344.0, 5689.0, 5351.0, 5603.0, 5418.0, 5398.0, 5653.0, 5622.0, 5520.0, 5628.0, 5586.0, 5663.0, 5666.0, 5442.0, 5465.0, 5608.0, 5559.0, 5620.0, 5313.0, 5713.0, 5268.0, 5497.0, 5293.0, 5419.0, 5533.0, 5551.0, 5473.0, 5596.0, 5540.0, 5443.0, 5716.0, 5495.0, 5400.0, 5646.0, 5426.0, 5298.0, 5315.0, 5656.0, 5362.0, 5522.0, 5408.0, 5281.0, 5345.0, 5671.0, 5627.0, 5643.0, 5611.0, 5379.0, 5253.0, 5277.0, 5697.0, 5471.0, 5702.0, 5683.0, 5337.0, 5467.0, 5519.0, 5289.0, 5610.0 (number of hits: 20)
5	5530	9	1	333	1	5637.0, 5265.0, 5495.0, 5381.0, 5643.0, 5278.0, 5289.0, 5422.0, 5645.0, 5435.0, 5285.0, 5358.0, 5547.0, 5505.0, 5389.0, 5375.0, 5536.0, 5590.0, 5371.0, 5443.0, 5474.0, 5488.0, 5668.0, 5439.0, 5693.0, 5478.0, 5352.0, 5456.0, 5418.0, 5372.0, 5461.0, 5709.0, 5279.0, 5356.0, 5524.0, 5661.0, 5651.0, 5276.0, 5306.0, 5350.0, 5615.0, 5377.0, 5361.0, 5577.0, 5331.0, 5309.0, 5518.0, 5638.0, 5437.0, 5374.0, 5539.0, 5679.0, 5450.0, 5634.0, 5690.0, 5609.0, 5629.0, 5553.0, 5263.0, 5620.0, 5424.0, 5427.0, 5585.0, 5650.0, 5669.0, 5627.0, 5368.0, 5259.0, 5357.0, 5362.0, 5568.0, 5545.0, 5625.0, 5305.0, 5519.0, 5580.0, 5677.0, 5657.0, 5501.0, 5479.0, 5298.0, 5325.0, 5596.0, 5535.0, 5675.0, 5623.0, 5613.0, 5628.0, 5635.0, 5266.0, 5398.0, 5366.0, 5603.0, 5434.0, 5492.0, 5718.0, 5493.0, 5291.0, 5292.0, 5441.0 (number of hits: 15)
6	5530	9	1	333	1	5721.0, 5416.0, 5515.0, 5348.0, 5530.0, 5406.0, 5486.0, 5657.0, 5326.0, 5582.0, 5513.0, 5434.0, 5666.0, 5357.0, 5609.0, 5514.0, 5717.0, 5534.0, 5706.0, 5469.0, 5533.0, 5376.0, 5710.0, 5635.0, 5563.0, 5298.0, 5704.0, 5694.0, 5535.0, 5430.0, 5433.0, 5503.0, 5695.0, 5661.0, 5472.0,

						5522.0, 5562.0, 5282.0, 5391.0, 5712.0, 5316.0, 5682.0, 5424.0, 5340.0, 5387.0, 5324.0, 5471.0, 5600.0, 5372.0, 5297.0, 5584.0, 5300.0, 5598.0, 5493.0, 5485.0, 5468.0, 5411.0, 5669.0, 5467.0, 5616.0, 5547.0, 5525.0, 5529.0, 5285.0, 5553.0, 5620.0, 5645.0, 5412.0, 5615.0, 5544.0, 5690.0, 5523.0, 5449.0, 5386.0, 5537.0, 5463.0, 5293.0, 5554.0, 5566.0, 5570.0, 5531.0, 5395.0, 5250.0, 5367.0, 5679.0, 5663.0, 5313.0, 5487.0, 5301.0, 5381.0, 5561.0, 5284.0, 5655.0, 5322.0, 5266.0, 5573.0, 5500.0, 5637.0, 5638.0, 5438.0 (number of hits: 24)
7	5530	9	1	333	1	5487.0, 5581.0, 5509.0, 5520.0, 5478.0, 5565.0, 5285.0, 5301.0, 5601.0, 5309.0, 5477.0, 5508.0, 5552.0, 5564.0, 5445.0, 5501.0, 5324.0, 5307.0, 5300.0, 5334.0, 5292.0, 5580.0, 5452.0, 5642.0, 5583.0, 5457.0, 5437.0, 5350.0, 5313.0, 5675.0, 5420.0, 5535.0, 5455.0, 5413.0, 5515.0, 5340.0, 5314.0, 5462.0, 5403.0, 5259.0, 5360.0, 5467.0, 5344.0, 5568.0, 5253.0, 5379.0, 5331.0, 5632.0, 5604.0, 5293.0, 5470.0, 5280.0, 5610.0, 5548.0, 5700.0, 5465.0, 5367.0, 5690.0, 5627.0, 5716.0, 5398.0, 5319.0, 5594.0, 5416.0, 5415.0, 5636.0, 5304.0, 5421.0, 5538.0, 5364.0, 5630.0, 5588.0, 5640.0, 5605.0, 5348.0, 5355.0, 5717.0, 5550.0, 5471.0, 5388.0, 5446.0, 5602.0, 5329.0, 5323.0, 5345.0, 5659.0, 5559.0, 5567.0, 5327.0, 5310.0, 5336.0, 5591.0, 5540.0, 5499.0, 5449.0, 5556.0, 5638.0, 5354.0, 5637.0, 5291.0 (number of hits: 18)
8	5530	9	1	333	1	5642.0, 5625.0, 5297.0, 5514.0, 5348.0, 5564.0, 5316.0, 5334.0, 5305.0, 5357.0, 5601.0, 5622.0, 5291.0, 5326.0, 5657.0, 5448.0, 5473.0, 5284.0, 5684.0, 5582.0, 5544.0, 5436.0, 5493.0, 5279.0, 5446.0, 5579.0, 5545.0, 5368.0, 5685.0, 5296.0, 5450.0, 5532.0, 5386.0, 5635.0, 5467.0, 5629.0, 5531.0, 5441.0, 5683.0, 5332.0, 5587.0, 5458.0, 5309.0, 5715.0, 5673.0, 5706.0, 5323.0, 5511.0, 5581.0, 5423.0, 5714.0, 5489.0, 5670.0, 5664.0, 5351.0, 5389.0, 5667.0, 5322.0, 5554.0, 5656.0, 5336.0, 5402.0, 5524.0, 5500.0, 5412.0, 5281.0, 5369.0, 5527.0, 5660.0, 5565.0, 5413.0, 5371.0, 5689.0, 5354.0, 5361.0, 5292.0, 5589.0, 5633.0, 5516.0, 5603.0, 5721.0, 5612.0, 5614.0, 5257.0, 5366.0, 5529.0, 5690.0, 5396.0, 5289.0, 5711.0, 5668.0, 5705.0, 5522.0, 5704.0, 5556.0, 5571.0, 5420.0, 5379.0, 5451.0, 5424.0 (number of hits: 17)
9	5530	9	1	333	1	5290.0, 5570.0, 5648.0, 5259.0, 5598.0, 5374.0, 5574.0, 5441.0, 5695.0, 5271.0, 5671.0, 5344.0, 5565.0, 5328.0, 5664.0,

						5278.0, 5646.0, 5550.0, 5636.0, 5409.0, 5251.0, 5391.0, 5461.0, 5503.0, 5294.0, 5443.0, 5308.0, 5528.0, 5394.0, 5643.0, 5507.0, 5473.0, 5453.0, 5371.0, 5343.0, 5581.0, 5460.0, 5296.0, 5393.0, 5694.0, 5541.0, 5431.0, 5468.0, 5381.0, 5329.0, 5715.0, 5577.0, 5699.0, 5277.0, 5480.0, 5478.0, 5405.0, 5274.0, 5472.0, 5479.0, 5444.0, 5313.0, 5477.0, 5376.0, 5549.0, 5322.0, 5318.0, 5669.0, 5522.0, 5454.0, 5383.0, 5337.0, 5254.0, 5490.0, 5275.0, 5304.0, 5495.0, 5447.0, 5395.0, 5433.0, 5283.0, 5281.0, 5682.0, 5267.0, 5679.0, 5663.0, 5556.0, 5339.0, 5713.0, 5347.0, 5317.0, 5512.0, 5698.0, 5685.0, 5445.0, 5471.0, 5718.0, 5264.0, 5652.0, 5641.0, 5455.0, 5407.0, 5634.0, 5544.0, 5398.0 (number of hits: 13)
10	5530	9	1	333	1	5613.0, 5634.0, 5414.0, 5318.0, 5691.0, 5485.0, 5376.0, 5718.0, 5304.0, 5694.0, 5336.0, 5636.0, 5358.0, 5329.0, 5469.0, 5450.0, 5256.0, 5455.0, 5551.0, 5288.0, 5703.0, 5658.0, 5409.0, 5675.0, 5420.0, 5576.0, 5307.0, 5505.0, 5618.0, 5322.0, 5520.0, 5387.0, 5475.0, 5656.0, 5667.0, 5606.0, 5403.0, 5547.0, 5665.0, 5251.0, 5296.0, 5388.0, 5346.0, 5553.0, 5523.0, 5452.0, 5282.0, 5262.0, 5522.0, 5702.0, 5525.0, 5472.0, 5599.0, 5539.0, 5400.0, 5439.0, 5428.0, 5415.0, 5371.0, 5495.0, 5560.0, 5480.0, 5344.0, 5460.0, 5557.0, 5705.0, 5548.0, 5662.0, 5321.0, 5595.0, 5308.0, 5620.0, 5582.0, 5534.0, 5338.0, 5395.0, 5283.0, 5295.0, 5621.0, 5597.0, 5693.0, 5628.0, 5580.0, 5442.0, 5445.0, 5616.0, 5337.0, 5367.0, 5594.0, 5348.0, 5672.0, 5354.0, 5444.0, 5556.0, 5313.0, 5320.0, 5533.0, 5644.0, 5267.0, 5407.0 (number of hits: 16)
11	5530	9	1	333	1	5328.0, 5399.0, 5330.0, 5397.0, 5285.0, 5437.0, 5295.0, 5319.0, 5697.0, 5634.0, 5275.0, 5499.0, 5421.0, 5544.0, 5251.0, 5589.0, 5348.0, 5273.0, 5716.0, 5445.0, 5420.0, 5459.0, 5265.0, 5670.0, 5366.0, 5703.0, 5311.0, 5618.0, 5596.0, 5570.0, 5472.0, 5384.0, 5352.0, 5669.0, 5293.0, 5617.0, 5609.0, 5326.0, 5502.0, 5595.0, 5550.0, 5517.0, 5449.0, 5327.0, 5315.0, 5387.0, 5538.0, 5647.0, 5413.0, 5533.0, 5425.0, 5488.0, 5365.0, 5457.0, 5309.0, 5407.0, 5388.0, 5263.0, 5414.0, 5528.0, 5616.0, 5305.0, 5429.0, 5513.0, 5704.0, 5345.0, 5415.0, 5473.0, 5671.0, 5543.0, 5324.0, 5586.0, 5410.0, 5400.0, 5380.0, 5601.0, 5663.0, 5298.0, 5440.0, 5431.0, 5710.0, 5695.0, 5498.0, 5290.0, 5393.0, 5281.0, 5357.0, 5314.0, 5297.0, 5551.0, 5463.0, 5494.0, 5428.0, 5518.0, 5674.0, 5624.0, 5675.0, 5625.0, 5274.0, 5286.0

						(number of hits: 14)
12	5530	9	1	333	1	5445.0, 5332.0, 5372.0, 5534.0, 5666.0, 5331.0, 5470.0, 5447.0, 5479.0, 5290.0, 5407.0, 5423.0, 5387.0, 5276.0, 5496.0, 5710.0, 5648.0, 5464.0, 5611.0, 5263.0, 5528.0, 5624.0, 5441.0, 5257.0, 5625.0, 5435.0, 5295.0, 5456.0, 5291.0, 5350.0, 5660.0, 5398.0, 5546.0, 5638.0, 5557.0, 5691.0, 5698.0, 5414.0, 5409.0, 5374.0, 5392.0, 5357.0, 5417.0, 5399.0, 5667.0, 5507.0, 5690.0, 5330.0, 5674.0, 5320.0, 5503.0, 5329.0, 5525.0, 5253.0, 5477.0, 5575.0, 5438.0, 5427.0, 5551.0, 5416.0, 5431.0, 5598.0, 5662.0, 5635.0, 5433.0, 5380.0, 5352.0, 5696.0, 5649.0, 5285.0, 5527.0, 5396.0, 5455.0, 5278.0, 5476.0, 5386.0, 5271.0, 5420.0, 5393.0, 5460.0, 5555.0, 5514.0, 5701.0, 5265.0, 5545.0, 5448.0, 5289.0, 5615.0, 5284.0, 5669.0, 5695.0, 5310.0, 5637.0, 5382.0, 5641.0, 5356.0, 5711.0, 5652.0, 5671.0, 5389.0 (number of hits: 13)
13	5530	9	1	333	1	5543.0, 5325.0, 5454.0, 5668.0, 5572.0, 5296.0, 5713.0, 5717.0, 5694.0, 5620.0, 5414.0, 5477.0, 5537.0, 5612.0, 5458.0, 5317.0, 5671.0, 5563.0, 5373.0, 5263.0, 5442.0, 5637.0, 5534.0, 5631.0, 5369.0, 5583.0, 5393.0, 5388.0, 5478.0, 5603.0, 5423.0, 5277.0, 5650.0, 5689.0, 5712.0, 5582.0, 5509.0, 5648.0, 5359.0, 5412.0, 5607.0, 5691.0, 5599.0, 5510.0, 5608.0, 5666.0, 5592.0, 5481.0, 5385.0, 5707.0, 5653.0, 5511.0, 5310.0, 5501.0, 5553.0, 5427.0, 5515.0, 5565.0, 5438.0, 5435.0, 5362.0, 5692.0, 5258.0, 5619.0, 5320.0, 5383.0, 5629.0, 5580.0, 5611.0, 5651.0, 5680.0, 5449.0, 5559.0, 5349.0, 5326.0, 5551.0, 5355.0, 5424.0, 5279.0, 5271.0, 5457.0, 5586.0, 5528.0, 5571.0, 5291.0, 5614.0, 5402.0, 5340.0, 5262.0, 5576.0, 5581.0, 5503.0, 5613.0, 5705.0, 5384.0, 5702.0, 5490.0, 5626.0, 5336.0, 5480.0 (number of hits: 16)
14	5530	9	1	333	1	5486.0, 5394.0, 5350.0, 5467.0, 5582.0, 5320.0, 5690.0, 5342.0, 5695.0, 5635.0, 5606.0, 5506.0, 5643.0, 5285.0, 5472.0, 5640.0, 5383.0, 5385.0, 5710.0, 5628.0, 5714.0, 5623.0, 5379.0, 5702.0, 5257.0, 5261.0, 5541.0, 5371.0, 5453.0, 5500.0, 5332.0, 5619.0, 5405.0, 5544.0, 5427.0, 5335.0, 5566.0, 5292.0, 5620.0, 5458.0, 5414.0, 5553.0, 5283.0, 5443.0, 5540.0, 5476.0, 5616.0, 5516.0, 5290.0, 5250.0, 5591.0, 5513.0, 5552.0, 5419.0, 5610.0, 5683.0, 5499.0, 5721.0, 5592.0, 5469.0, 5348.0, 5412.0, 5454.0, 5555.0, 5604.0, 5700.0, 5364.0, 5311.0, 5548.0, 5338.0, 5673.0, 5386.0, 5563.0, 5325.0, 5523.0, 5284.0, 5363.0, 5527.0, 5288.0, 5397.0,

						5503.0, 5441.0, 5630.0, 5323.0, 5588.0, 5301.0, 5306.0, 5654.0, 5297.0, 5389.0, 5436.0, 5641.0, 5449.0, 5319.0, 5655.0, 5535.0, 5337.0, 5366.0, 5629.0, 5384.0 (number of hits: 18)
15	5530	9	1	333	1	5343.0, 5423.0, 5429.0, 5400.0, 5598.0, 5358.0, 5489.0, 5314.0, 5268.0, 5290.0, 5385.0, 5687.0, 5366.0, 5250.0, 5515.0, 5583.0, 5409.0, 5401.0, 5431.0, 5328.0, 5284.0, 5616.0, 5333.0, 5618.0, 5656.0, 5372.0, 5634.0, 5453.0, 5384.0, 5642.0, 5637.0, 5348.0, 5659.0, 5291.0, 5661.0, 5621.0, 5619.0, 5510.0, 5560.0, 5595.0, 5675.0, 5404.0, 5702.0, 5447.0, 5722.0, 5696.0, 5604.0, 5480.0, 5255.0, 5686.0, 5666.0, 5655.0, 5297.0, 5506.0, 5629.0, 5448.0, 5631.0, 5399.0, 5421.0, 5646.0, 5680.0, 5294.0, 5692.0, 5699.0, 5359.0, 5648.0, 5312.0, 5277.0, 5708.0, 5645.0, 5535.0, 5352.0, 5301.0, 5329.0, 5353.0, 5627.0, 5252.0, 5684.0, 5709.0, 5345.0, 5325.0, 5638.0, 5458.0, 5418.0, 5331.0, 5379.0, 5485.0, 5478.0, 5514.0, 5392.0, 5371.0, 5483.0, 5557.0, 5652.0, 5354.0, 5710.0, 5482.0, 5607.0, 5539.0, 5381.0 (number of hits: 8)
16	5530	9	1	333	1	5286.0, 5521.0, 5463.0, 5597.0, 5642.0, 5328.0, 5638.0, 5550.0, 5671.0, 5355.0, 5425.0, 5431.0, 5473.0, 5721.0, 5669.0, 5265.0, 5309.0, 5705.0, 5374.0, 5654.0, 5536.0, 5287.0, 5596.0, 5266.0, 5465.0, 5360.0, 5641.0, 5418.0, 5645.0, 5706.0, 5529.0, 5685.0, 5520.0, 5573.0, 5393.0, 5280.0, 5625.0, 5627.0, 5453.0, 5362.0, 5472.0, 5263.0, 5457.0, 5285.0, 5548.0, 5288.0, 5621.0, 5462.0, 5640.0, 5614.0, 5531.0, 5322.0, 5667.0, 5616.0, 5698.0, 5709.0, 5719.0, 5617.0, 5486.0, 5407.0, 5538.0, 5589.0, 5511.0, 5506.0, 5539.0, 5484.0, 5252.0, 5581.0, 5405.0, 5507.0, 5422.0, 5605.0, 5518.0, 5512.0, 5689.0, 5587.0, 5258.0, 5419.0, 5552.0, 5611.0, 5622.0, 5600.0, 5340.0, 5695.0, 5254.0, 5477.0, 5546.0, 5275.0, 5314.0, 5371.0, 5363.0, 5500.0, 5385.0, 5475.0, 5392.0, 5449.0, 5643.0, 5613.0, 5528.0, 5427.0 (number of hits: 18)
17	5530	9	1	333	1	5283.0, 5462.0, 5536.0, 5286.0, 5600.0, 5501.0, 5723.0, 5454.0, 5704.0, 5440.0, 5389.0, 5288.0, 5542.0, 5532.0, 5643.0, 5343.0, 5456.0, 5671.0, 5282.0, 5450.0, 5262.0, 5444.0, 5402.0, 5505.0, 5664.0, 5563.0, 5709.0, 5434.0, 5537.0, 5700.0, 5722.0, 5662.0, 5487.0, 5597.0, 5619.0, 5513.0, 5344.0, 5599.0, 5409.0, 5314.0, 5265.0, 5377.0, 5342.0, 5327.0, 5273.0, 5613.0, 5461.0, 5507.0, 5559.0, 5615.0, 5506.0, 5364.0, 5332.0, 5624.0, 5431.0, 5702.0, 5258.0, 5690.0, 5521.0, 5339.0,

						5415.0, 5267.0, 5276.0, 5429.0, 5437.0, 5371.0, 5541.0, 5430.0, 5582.0, 5284.0, 5688.0, 5428.0, 5592.0, 5336.0, 5652.0, 5436.0, 5522.0, 5631.0, 5394.0, 5407.0, 5551.0, 5323.0, 5719.0, 5604.0, 5611.0, 5495.0, 5287.0, 5714.0, 5515.0, 5417.0, 5349.0, 5517.0, 5478.0, 5266.0, 5296.0, 5663.0, 5307.0, 5713.0, 5367.0, 5571.0 (number of hits: 18)
18	5530	9	1	333	1	5663.0, 5606.0, 5262.0, 5426.0, 5468.0, 5477.0, 5598.0, 5501.0, 5605.0, 5333.0, 5258.0, 5278.0, 5478.0, 5274.0, 5524.0, 5449.0, 5661.0, 5313.0, 5265.0, 5382.0, 5646.0, 5318.0, 5565.0, 5649.0, 5624.0, 5490.0, 5342.0, 5710.0, 5566.0, 5359.0, 5499.0, 5326.0, 5558.0, 5693.0, 5402.0, 5443.0, 5678.0, 5620.0, 5500.0, 5578.0, 5263.0, 5388.0, 5699.0, 5387.0, 5583.0, 5496.0, 5715.0, 5272.0, 5334.0, 5367.0, 5259.0, 5362.0, 5588.0, 5614.0, 5261.0, 5298.0, 5674.0, 5634.0, 5301.0, 5700.0, 5282.0, 5586.0, 5504.0, 5518.0, 5526.0, 5671.0, 5407.0, 5379.0, 5560.0, 5346.0, 5400.0, 5435.0, 5516.0, 5537.0, 5645.0, 5453.0, 5718.0, 5720.0, 5255.0, 5415.0, 5475.0, 5401.0, 5669.0, 5417.0, 5302.0, 5454.0, 5276.0, 5561.0, 5525.0, 5345.0, 5512.0, 5580.0, 5622.0, 5593.0, 5394.0, 5327.0, 5536.0, 5462.0, 5495.0, 5280.0 (number of hits: 20)
19	5530	9	1	333	1	5458.0, 5495.0, 5649.0, 5372.0, 5622.0, 5550.0, 5297.0, 5298.0, 5466.0, 5524.0, 5355.0, 5442.0, 5365.0, 5608.0, 5266.0, 5551.0, 5381.0, 5335.0, 5558.0, 5719.0, 5327.0, 5714.0, 5311.0, 5410.0, 5497.0, 5387.0, 5605.0, 5373.0, 5537.0, 5718.0, 5435.0, 5340.0, 5527.0, 5710.0, 5389.0, 5568.0, 5501.0, 5631.0, 5506.0, 5431.0, 5676.0, 5292.0, 5635.0, 5543.0, 5630.0, 5454.0, 5315.0, 5700.0, 5290.0, 5357.0, 5724.0, 5461.0, 5503.0, 5560.0, 5498.0, 5692.0, 5333.0, 5279.0, 5589.0, 5350.0, 5427.0, 5412.0, 5474.0, 5599.0, 5334.0, 5445.0, 5643.0, 5253.0, 5636.0, 5262.0, 5469.0, 5457.0, 5483.0, 5531.0, 5265.0, 5471.0, 5356.0, 5343.0, 5617.0, 5634.0, 5668.0, 5708.0, 5554.0, 5494.0, 5611.0, 5366.0, 5626.0, 5413.0, 5522.0, 5670.0, 5351.0, 5508.0, 5623.0, 5659.0, 5396.0, 5581.0, 5507.0, 5565.0, 5361.0, 5588.0 (number of hits: 22)
20	5530	9	1	333	1	5269.0, 5433.0, 5372.0, 5332.0, 5595.0, 5342.0, 5311.0, 5533.0, 5478.0, 5474.0, 5262.0, 5377.0, 5705.0, 5495.0, 5264.0, 5333.0, 5472.0, 5360.0, 5355.0, 5499.0, 5369.0, 5423.0, 5389.0, 5690.0, 5348.0, 5579.0, 5461.0, 5596.0, 5297.0, 5289.0, 5684.0, 5344.0, 5713.0, 5591.0, 5581.0, 5698.0, 5650.0, 5404.0, 5394.0, 5610.0,

						5375.0, 5441.0, 5254.0, 5464.0, 5505.0, 5511.0, 5359.0, 5256.0, 5491.0, 5541.0, 5386.0, 5448.0, 5357.0, 5434.0, 5312.0, 5378.0, 5349.0, 5524.0, 5714.0, 5629.0, 5550.0, 5341.0, 5352.0, 5536.0, 5677.0, 5257.0, 5519.0, 5314.0, 5305.0, 5496.0, 5316.0, 5366.0, 5467.0, 5669.0, 5704.0, 5700.0, 5611.0, 5602.0, 5476.0, 5427.0, 5543.0, 5571.0, 5559.0, 5463.0, 5504.0, 5325.0, 5502.0, 5660.0, 5597.0, 5554.0, 5421.0, 5321.0, 5622.0, 5281.0, 5537.0, 5263.0, 5709.0, 5562.0, 5588.0, 5653.0 (number of hits: 19)
21	5530	9	1	333	1	5398.0, 5272.0, 5410.0, 5448.0, 5260.0, 5293.0, 5548.0, 5369.0, 5547.0, 5358.0, 5407.0, 5545.0, 5504.0, 5265.0, 5724.0, 5459.0, 5452.0, 5632.0, 5494.0, 5708.0, 5268.0, 5584.0, 5393.0, 5318.0, 5324.0, 5515.0, 5512.0, 5489.0, 5693.0, 5552.0, 5290.0, 5575.0, 5351.0, 5282.0, 5667.0, 5535.0, 5620.0, 5604.0, 5498.0, 5403.0, 5617.0, 5302.0, 5501.0, 5529.0, 5333.0, 5322.0, 5528.0, 5658.0, 5628.0, 5518.0, 5360.0, 5370.0, 5711.0, 5349.0, 5549.0, 5469.0, 5476.0, 5536.0, 5361.0, 5276.0, 5622.0, 5641.0, 5323.0, 5429.0, 5478.0, 5583.0, 5479.0, 5722.0, 5640.0, 5273.0, 5382.0, 5503.0, 5659.0, 5642.0, 5468.0, 5310.0, 5649.0, 5437.0, 5292.0, 5374.0, 5505.0, 5397.0, 5316.0, 5544.0, 5408.0, 5723.0, 5514.0, 5550.0, 5509.0, 5559.0, 5526.0, 5466.0, 5426.0, 5586.0, 5389.0, 5537.0, 5458.0, 5271.0, 5464.0, 5524.0 (number of hits: 26)
22	5530	9	1	333	1	5454.0, 5699.0, 5452.0, 5462.0, 5408.0, 5295.0, 5680.0, 5696.0, 5448.0, 5394.0, 5347.0, 5608.0, 5520.0, 5291.0, 5443.0, 5515.0, 5438.0, 5365.0, 5719.0, 5351.0, 5274.0, 5581.0, 5266.0, 5397.0, 5282.0, 5284.0, 5326.0, 5461.0, 5566.0, 5657.0, 5298.0, 5547.0, 5366.0, 5518.0, 5512.0, 5590.0, 5651.0, 5340.0, 5718.0, 5402.0, 5300.0, 5676.0, 5670.0, 5666.0, 5449.0, 5285.0, 5529.0, 5712.0, 5721.0, 5328.0, 5490.0, 5655.0, 5325.0, 5678.0, 5537.0, 5467.0, 5410.0, 5556.0, 5399.0, 5641.0, 5545.0, 5400.0, 5631.0, 5527.0, 5514.0, 5343.0, 5637.0, 5374.0, 5280.0, 5664.0, 5623.0, 5334.0, 5505.0, 5355.0, 5634.0, 5662.0, 5264.0, 5390.0, 5395.0, 5433.0, 5574.0, 5349.0, 5273.0, 5277.0, 5305.0, 5535.0, 5479.0, 5532.0, 5533.0, 5378.0, 5672.0, 5455.0, 5653.0, 5444.0, 5548.0, 5480.0, 5286.0, 5583.0, 5626.0, 5481.0 (number of hits: 18)
23	5530	9	1	333	1	5322.0, 5402.0, 5545.0, 5392.0, 5529.0, 5568.0, 5655.0, 5722.0, 5405.0, 5476.0, 5288.0, 5277.0, 5272.0, 5539.0, 5707.0, 5661.0, 5639.0, 5396.0, 5417.0, 5337.0,

						5548.0, 5393.0, 5558.0, 5376.0, 5339.0, 5663.0, 5557.0, 5372.0, 5384.0, 5320.0, 5546.0, 5385.0, 5675.0, 5522.0, 5371.0, 5355.0, 5635.0, 5338.0, 5513.0, 5299.0, 5334.0, 5480.0, 5268.0, 5365.0, 5609.0, 5381.0, 5620.0, 5519.0, 5340.0, 5368.0, 5461.0, 5713.0, 5508.0, 5585.0, 5622.0, 5582.0, 5433.0, 5294.0, 5574.0, 5309.0, 5409.0, 5420.0, 5410.0, 5578.0, 5462.0, 5700.0, 5510.0, 5570.0, 5498.0, 5593.0, 5474.0, 5686.0, 5509.0, 5588.0, 5612.0, 5504.0, 5494.0, 5511.0, 5579.0, 5397.0, 5445.0, 5295.0, 5328.0, 5514.0, 5297.0, 5275.0, 5389.0, 5516.0, 5638.0, 5342.0, 5383.0, 5359.0, 5647.0, 5629.0, 5718.0, 5391.0, 5423.0, 5571.0, 5490.0, 5477.0 (number of hits: 21)
24	5530	9	1	333	1	5633.0, 5335.0, 5610.0, 5377.0, 5686.0, 5522.0, 5341.0, 5689.0, 5370.0, 5355.0, 5583.0, 5407.0, 5545.0, 5314.0, 5619.0, 5600.0, 5307.0, 5614.0, 5417.0, 5590.0, 5719.0, 5593.0, 5698.0, 5655.0, 5601.0, 5283.0, 5465.0, 5523.0, 5605.0, 5568.0, 5701.0, 5630.0, 5510.0, 5345.0, 5487.0, 5439.0, 5258.0, 5290.0, 5305.0, 5308.0, 5299.0, 5274.0, 5406.0, 5688.0, 5596.0, 5527.0, 5656.0, 5367.0, 5678.0, 5380.0, 5628.0, 5343.0, 5652.0, 5461.0, 5454.0, 5470.0, 5425.0, 5462.0, 5497.0, 5499.0, 5566.0, 5534.0, 5623.0, 5661.0, 5549.0, 5455.0, 5670.0, 5402.0, 5301.0, 5364.0, 5418.0, 5411.0, 5524.0, 5537.0, 5424.0, 5548.0, 5273.0, 5268.0, 5552.0, 5438.0, 5393.0, 5662.0, 5526.0, 5520.0, 5572.0, 5514.0, 5451.0, 5444.0, 5304.0, 5388.0, 5705.0, 5644.0, 5681.0, 5315.0, 5414.0, 5337.0, 5591.0, 5536.0, 5638.0, 5432.0 (number of hits: 19)
25	5530	9	1	333	1	5458.0, 5372.0, 5677.0, 5637.0, 5689.0, 5638.0, 5298.0, 5586.0, 5682.0, 5708.0, 5488.0, 5557.0, 5561.0, 5352.0, 5329.0, 5712.0, 5610.0, 5667.0, 5426.0, 5424.0, 5611.0, 5267.0, 5658.0, 5450.0, 5381.0, 5603.0, 5704.0, 5575.0, 5409.0, 5304.0, 5419.0, 5676.0, 5368.0, 5418.0, 5320.0, 5316.0, 5605.0, 5591.0, 5291.0, 5674.0, 5505.0, 5305.0, 5287.0, 5721.0, 5665.0, 5707.0, 5337.0, 5482.0, 5452.0, 5312.0, 5440.0, 5280.0, 5653.0, 5711.0, 5663.0, 5700.0, 5388.0, 5722.0, 5387.0, 5455.0, 5630.0, 5432.0, 5501.0, 5326.0, 5706.0, 5613.0, 5451.0, 5487.0, 5522.0, 5400.0, 5649.0, 5358.0, 5331.0, 5680.0, 5384.0, 5454.0, 5272.0, 5317.0, 5657.0, 5569.0, 5474.0, 5338.0, 5397.0, 5303.0, 5414.0, 5342.0, 5720.0, 5439.0, 5539.0, 5494.0, 5661.0, 5493.0, 5327.0, 5442.0, 5688.0, 5644.0, 5390.0, 5281.0, 5590.0, 5324.0 (number of hits: 9)

26	5530	9	1	333	1	5643.0, 5647.0, 5499.0, 5613.0, 5460.0, 5336.0, 5302.0, 5406.0, 5695.0, 5376.0, 5721.0, 5358.0, 5654.0, 5684.0, 5515.0, 5333.0, 5511.0, 5269.0, 5631.0, 5571.0, 5422.0, 5489.0, 5420.0, 5629.0, 5619.0, 5716.0, 5324.0, 5582.0, 5467.0, 5500.0, 5374.0, 5306.0, 5630.0, 5404.0, 5455.0, 5276.0, 5386.0, 5329.0, 5624.0, 5472.0, 5520.0, 5474.0, 5617.0, 5267.0, 5594.0, 5281.0, 5566.0, 5702.0, 5254.0, 5448.0, 5495.0, 5279.0, 5677.0, 5627.0, 5488.0, 5423.0, 5378.0, 5501.0, 5710.0, 5542.0, 5301.0, 5318.0, 5431.0, 5664.0, 5715.0, 5283.0, 5473.0, 5611.0, 5706.0, 5293.0, 5692.0, 5562.0, 5552.0, 5618.0, 5418.0, 5446.0, 5650.0, 5569.0, 5640.0, 5465.0, 5468.0, 5648.0, 5450.0, 5523.0, 5256.0, 5487.0, 5555.0, 5510.0, 5709.0, 5632.0, 5592.0, 5538.0, 5572.0, 5685.0, 5682.0, 5271.0, 5373.0, 5673.0, 5527.0, 5344.0 (number of hits: 17)
27	5530	9	1	333	1	5315.0, 5639.0, 5509.0, 5445.0, 5271.0, 5612.0, 5414.0, 5392.0, 5443.0, 5474.0, 5617.0, 5331.0, 5494.0, 5573.0, 5446.0, 5583.0, 5251.0, 5704.0, 5455.0, 5404.0, 5669.0, 5499.0, 5291.0, 5558.0, 5452.0, 5518.0, 5259.0, 5563.0, 5723.0, 5277.0, 5568.0, 5671.0, 5416.0, 5371.0, 5576.0, 5329.0, 5674.0, 5722.0, 5501.0, 5303.0, 5292.0, 5270.0, 5305.0, 5362.0, 5420.0, 5673.0, 5461.0, 5717.0, 5515.0, 5447.0, 5498.0, 5339.0, 5488.0, 5581.0, 5527.0, 5672.0, 5324.0, 5491.0, 5388.0, 5419.0, 5610.0, 5622.0, 5713.0, 5643.0, 5383.0, 5255.0, 5380.0, 5664.0, 5381.0, 5313.0, 5423.0, 5551.0, 5529.0, 5590.0, 5307.0, 5711.0, 5508.0, 5472.0, 5309.0, 5707.0, 5366.0, 5705.0, 5687.0, 5662.0, 5650.0, 5611.0, 5584.0, 5679.0, 5261.0, 5269.0, 5654.0, 5580.0, 5306.0, 5520.0, 5559.0, 5600.0, 5463.0, 5335.0, 5391.0, 5625.0 (number of hits: 17)
28	5530	9	1	333	1	5371.0, 5294.0, 5615.0, 5707.0, 5716.0, 5601.0, 5593.0, 5604.0, 5435.0, 5426.0, 5612.0, 5688.0, 5417.0, 5499.0, 5530.0, 5704.0, 5513.0, 5576.0, 5520.0, 5304.0, 5350.0, 5259.0, 5508.0, 5488.0, 5329.0, 5291.0, 5689.0, 5577.0, 5252.0, 5691.0, 5366.0, 5348.0, 5610.0, 5683.0, 5503.0, 5387.0, 5321.0, 5542.0, 5281.0, 5415.0, 5492.0, 5591.0, 5635.0, 5363.0, 5658.0, 5436.0, 5666.0, 5292.0, 5332.0, 5606.0, 5314.0, 5411.0, 5412.0, 5690.0, 5375.0, 5278.0, 5473.0, 5493.0, 5531.0, 5324.0, 5469.0, 5570.0, 5713.0, 5711.0, 5661.0, 5383.0, 5705.0, 5585.0, 5536.0, 5447.0, 5298.0, 5627.0, 5721.0, 5633.0, 5380.0, 5422.0, 5640.0, 5533.0, 5545.0, 5523.0, 5271.0, 5300.0, 5549.0, 5299.0, 5701.0,

						5560.0, 5702.0, 5553.0, 5485.0, 5708.0, 5260.0, 5586.0, 5618.0, 5396.0, 5625.0, 5266.0, 5257.0, 5364.0, 5718.0, 5386.0 (number of hits: 17)
29	5530	9	1	333	1	5276.0, 5723.0, 5697.0, 5409.0, 5566.0, 5684.0, 5508.0, 5438.0, 5411.0, 5385.0, 5674.0, 5583.0, 5469.0, 5677.0, 5626.0, 5382.0, 5589.0, 5334.0, 5403.0, 5680.0, 5504.0, 5625.0, 5624.0, 5722.0, 5479.0, 5521.0, 5497.0, 5693.0, 5313.0, 5471.0, 5283.0, 5706.0, 5368.0, 5515.0, 5565.0, 5393.0, 5636.0, 5318.0, 5423.0, 5478.0, 5690.0, 5665.0, 5293.0, 5714.0, 5255.0, 5618.0, 5422.0, 5718.0, 5297.0, 5437.0, 5513.0, 5407.0, 5572.0, 5576.0, 5285.0, 5518.0, 5398.0, 5579.0, 5410.0, 5634.0, 5628.0, 5505.0, 5323.0, 5439.0, 5413.0, 5538.0, 5627.0, 5424.0, 5527.0, 5708.0, 5432.0, 5274.0, 5506.0, 5426.0, 5543.0, 5669.0, 5430.0, 5394.0, 5557.0, 5601.0, 5499.0, 5555.0, 5294.0, 5649.0, 5559.0, 5306.0, 5383.0, 5321.0, 5419.0, 5529.0, 5384.0, 5692.0, 5533.0, 5524.0, 5404.0, 5441.0, 5347.0, 5269.0, 5303.0, 5633.0 (number of hits: 21)
30	5530	9	1	333	1	5385.0, 5337.0, 5536.0, 5705.0, 5621.0, 5672.0, 5579.0, 5470.0, 5343.0, 5415.0, 5477.0, 5590.0, 5594.0, 5416.0, 5543.0, 5309.0, 5550.0, 5387.0, 5310.0, 5519.0, 5597.0, 5573.0, 5297.0, 5259.0, 5675.0, 5529.0, 5625.0, 5623.0, 5695.0, 5506.0, 5658.0, 5542.0, 5352.0, 5499.0, 5596.0, 5424.0, 5580.0, 5576.0, 5458.0, 5677.0, 5311.0, 5617.0, 5267.0, 5381.0, 5490.0, 5685.0, 5654.0, 5274.0, 5317.0, 5644.0, 5342.0, 5413.0, 5493.0, 5322.0, 5323.0, 5261.0, 5712.0, 5403.0, 5592.0, 5253.0, 5272.0, 5325.0, 5303.0, 5567.0, 5410.0, 5489.0, 5364.0, 5604.0, 5706.0, 5501.0, 5605.0, 5395.0, 5513.0, 5724.0, 5541.0, 5324.0, 5268.0, 5630.0, 5557.0, 5552.0, 5408.0, 5585.0, 5484.0, 5638.0, 5422.0, 5298.0, 5517.0, 5628.0, 5355.0, 5338.0, 5291.0, 5452.0, 5488.0, 5454.0, 5578.0, 5449.0, 5330.0, 5263.0, 5662.0, 5520.0 (number of hits: 18)

10 Annex A (Normative) - Test Setup Photographs

Please refer to R1709208-DFS-Photo Report

11 Annex B (Normative) - EUT Photographs

Please refer to R1709208-DFS-Photo Report

12 Annex C (Informative) - A2LA Electrical Testing Certificate

Accredited Laboratory

A2LA has accredited

BAY AREA COMPLIANCE LABORATORIES CORP.

Sunnyvale, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA *R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 30th day of August 2016.

Senior Director of Quality & Communications
For the Accreditation Council
Certificate Number 3297.02
Valid to September 30, 2018

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

---END OF REPORT ---