



# **Annex B**

## **Statistical Performance Check**



20MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
1	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	0
	12	1	27	1
	13	0	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 93%	

40MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
1	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 100%	



80MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
1	1	1	16	1
	2	1	17	1
	3	1	18	0
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	0
	10	1	25	1
	11	1	26	1
	12	0	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%		Total percentage detected: 100%		

20MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
2	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	0
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%		Total percentage detected: 97%		



40MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
2	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 100%	

80MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
2	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 100%	



20MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
3	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	0
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 97%	

40MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
3	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 100%	



80MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
3	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	0	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 97%	

20MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
4	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 100%	



40MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
4	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 100%	

80MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
4	1	1	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 60%			Total percentage detected: 100%	



**20MHz Bandwidth**

**Center Frequency**

Radar Type	Chirp Frequency (MHz)	F <sub>C5</sub>	Detection (Y/N)
5	8	5300	1
	6	5300	1
	6	5300	1
	18	5300	1
	13	5300	1
	7	5300	1
	14	5300	1
	9	5300	1
	20	5300	1
5	5300	1	

**FL+(0.4\*Chirp Width [in MHz])**

Chirp Frequency (MHz)	F <sub>L</sub>	F <sub>c</sub>	Detection (Y/N)
14	5289.765	5295.4	0
17	5289.465	5296.3	0
12	5289.965	5294.8	1
17	5289.465	5296.3	0
10	5290.165	5294.2	1
6	5290.565	5293.0	1
5	5290.665	5292.7	1
7	5290.465	5293.3	1
18	5289.365	5296.6	1
12	5289.965	5294.8	0

**FL-(0.4\*Chirp Width [in MHz])**

Chirp Frequency (MHz)	F <sub>H</sub>	F <sub>c</sub>	Detection (Y/N)
8	5309.635	5306.4	1
17	5310.535	5303.7	1
16	5310.435	5304.0	1
15	5310.335	5304.3	1
7	5309.535	5306.7	1
11	5309.935	5305.5	1
17	5310.535	5303.7	1
15	5310.335	5304.3	1
12	5310.035	5305.2	1
15	5310.335	5304.3	1

<b>Percentage Detection</b>	<b>86%</b>
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**40MHz Bandwidth**

**Center Frequency**

Radar Type	Chirp Frequency (MHz)	F <sub>Cs</sub>	Detection (Y/N)
5	9	5310	1
	16	5310	1
	11	5310	1
	11	5310	1
	18	5310	1
	7	5310	1
	11	5310	1
	8	5310	1
	10	5310	1
	20	5310	1

**FL+(0.4\*Chirp Width [in MHz])**

Chirp Frequency (MHz)	F <sub>L</sub>	F <sub>c</sub>	Detection (Y/N)
16	5290.32	5296.7	0
13	5290.62	5295.8	1
7	5291.22	5294.0	1
20	5289.92	5297.9	0
7	5291.22	5294.0	1
19	5290.02	5297.6	0
6	5291.32	5293.7	1
13	5290.62	5295.8	1
20	5289.92	5297.9	0
15	5290.42	5296.4	0

**FL-(0.4\*Chirp Width [in MHz])**

Chirp Frequency (MHz)	F <sub>H</sub>	F <sub>c</sub>	Detection (Y/N)
15	5329.58	5323.6	1
6	5328.68	5326.3	1
15	5329.58	5323.6	1
11	5329.18	5324.8	1
11	5329.18	5324.8	1
13	5329.38	5324.2	1
12	5329.28	5324.5	1
5	5328.58	5326.6	1
14	5329.48	5323.9	1
10	5329.08	5325.1	1

<b>Percentage Detection</b>	<b>83%</b>
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**80MHz Bandwidth**

**Center Frequency**

Radar Type	Chirp Frequency (MHz)	F <sub>C5</sub>	Detection (Y/N)
5	9	5300	1
	16	5300	1
	16	5300	1
	18	5300	1
	13	5300	1
	13	5300	1
	17	5300	1
	13	5300	1
	15	5300	1
8	5300	1	

**FL+(0.4\*Chirp Width [in MHz])**

Chirp Frequency (MHz)	F <sub>L</sub>	F <sub>c</sub>	Detection (Y/N)
10	5261.225	5265.2	1
13	5260.925	5266.1	1
15	5260.725	5266.7	0
9	5261.325	5264.9	1
13	5260.925	5266.1	1
11	5261.125	5265.5	1
10	5261.225	5265.2	1
8	5261.425	5264.6	1
15	5260.725	5266.7	0
8	5261.425	5264.6	1

**FL-(0.4\*Chirp Width [in MHz])**

Chirp Frequency (MHz)	F <sub>H</sub>	F <sub>c</sub>	Detection (Y/N)
10	5338.775	5334.8	1
9	5338.675	5335.1	1
12	5338.975	5334.2	1
15	5339.275	5333.3	1
13	5339.075	5333.9	1
20	5339.775	5331.8	1
9	5338.675	5335.1	1
8	5338.575	5335.4	1
11	5338.875	5334.5	1
17	5339.475	5332.7	1

<b>Percentage Detection</b>	<b>93%</b>
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20MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
6	1	1	16	1
	2	1	17	1
	3	1	18	0
	4	0	19	1
	5	1	20	1
	6	1	21	0
	7	1	22	1
	8	1	23	0
	9	1	24	0
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	0	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 80 %			Total percentage detected: 100%	

40MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
6	1	0	16	1
	2	1	17	1
	3	1	18	1
	4	1	19	1
	5	1	20	1
	6	1	21	1
	7	1	22	1
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	1	26	1
	12	1	27	1
	13	1	28	0
	14	1	29	1
	15	1	30	1
Percentage of detection required: 93%			Total percentage detected: 100%	



80MHz Bandwidth				
Radar Type	Trial #	Detection	Trial #	Detection
		yes/No		yes/No
6	1	1	16	1
	2	1	17	1
	3	1	18	0
	4	0	19	0
	5	1	20	1
	6	1	21	1
	7	1	22	0
	8	1	23	1
	9	1	24	1
	10	1	25	1
	11	0	26	0
	12	1	27	0
	13	0	28	1
	14	1	29	1
	15	1	30	1
Percentage of detection required: 73%		Total percentage detected: 100%		