

802.11ax (HE40)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5510	5	1672	89	598	Yes
2	5520	23	326.2	18	3066	Yes
3	5500	15	1253	67	798	Yes
4	5506	17	1193	63	838	Yes
5	5510	9	1475	78	678	Yes
6	5509	7	1567	83	638	Yes
7	5515	4	1730	92	578	Yes
8	5498	16	1223	65	818	Yes
9	5509	8	1520	81	658	Yes
10	5496	22	1066	57	938	Yes
11	5500	6	1618	86	618	Yes
12	5521	18	1166	62	858	Yes
13	5513	14	1285	68	778	Yes
14	5523	10	1433	76	698	Yes
15	5520	2	1859	99	538	Yes
16	5506	-	416.1	22	2403	Yes
17	5516	-	492.9	27	2029	No
18	5525	-	368.2	20	2716	Yes
19	5516	-	386.2	21	2589	Yes
20	5521	-	394.5	21	2535	Yes
21	5527	-	360.1	20	2777	Yes
22	5501	-	494.1	27	2024	No
23	5528	-	897.7	48	1114	Yes
24	5502	-	962.5	51	1039	Yes
25	5528	-	380.2	21	2630	No
26	5507	-	452.7	24	2209	Yes
27	5518	-	391.8	21	2552	Yes
28	5508	-	1083	58	923	Yes
29	5518	-	329.7	18	3033	Yes
30	5510	-	502	27	1992	Yes

Detection Rate : 90%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE40)

Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	24	2	224	Yes
2	5520	29	4.5	219	Yes
3	5500	26	3.2	167	Yes
4	5508	27	3.7	216	Yes
5	5527	23	1.1	179	Yes
6	5507	26	3.1	181	Yes
7	5527	27	3.7	188	Yes
8	5500	26	2.9	155	Yes
9	5502	29	4.8	214	Yes
10	5496	23	1.5	195	Yes
11	5497	29	4.9	201	Yes
12	5499	24	1.8	197	Yes
13	5525	23	1.5	158	No
14	5515	29	4.9	222	Yes
15	5493	28	4.2	185	Yes
16	5505	23	1	173	Yes
17	5497	29	4.8	190	Yes
18	5525	29	4.5	200	Yes
19	5522	25	2.3	165	Yes
20	5504	27	3.4	177	Yes
21	5526	23	1	183	No
22	5515	28	4	156	Yes
23	5499	23	1.1	213	Yes
24	5510	25	2.7	229	No
25	5501	23	1.2	206	Yes
26	5514	29	4.9	203	Yes
27	5512	26	3.3	163	Yes
28	5528	26	3.2	182	No
29	5528	24	1.7	166	Yes
30	5496	25	2.6	210	Yes

Detection Rate : 86.6%

802.11ax (HE40)

Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	16	7	239	Yes
2	5520	18	9.5	335	Yes
3	5500	17	8.2	411	Yes
4	5494	18	8.7	224	Yes
5	5510	16	6.1	428	Yes
6	5497	17	8.1	332	Yes
7	5507	17	8.7	491	No
8	5512	17	7.9	348	Yes
9	5513	18	9.8	206	Yes
10	5498	16	6.5	204	Yes
11	5501	18	9.9	438	Yes
12	5528	16	6.8	484	Yes
13	5525	16	6.5	344	Yes
14	5494	18	9.9	465	Yes
15	5502	18	9.2	444	Yes
16	5514	16	6	357	Yes
17	5506	18	9.8	423	Yes
18	5529	18	9.5	225	Yes
19	5495	16	7.3	217	Yes
20	5506	17	8.4	242	Yes
21	5516	16	6	483	Yes
22	5503	18	9	470	Yes
23	5497	16	6.1	308	Yes
24	5511	17	7.7	498	Yes
25	5502	16	6.2	477	Yes
26	5510	18	9.9	375	No
27	5510	17	8.3	285	Yes
28	5508	17	8.2	433	No
29	5519	16	6.7	490	No
30	5523	17	7.6	202	Yes
Detection Rate : 86.6%					

802.11ax (HE40)

Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	13	13.4	239	Yes
2	5520	16	18.8	335	Yes
3	5500	14	15.9	411	Yes
4	5511	15	17.1	224	Yes
5	5496	12	11.3	428	Yes
6	5525	14	15.8	332	Yes
7	5513	15	17	491	Yes
8	5496	14	15.3	348	Yes
9	5512	16	19.6	206	Yes
10	5523	12	12.1	204	Yes
11	5512	16	19.8	438	Yes
12	5524	13	12.8	484	Yes
13	5505	12	12.1	344	Yes
14	5518	16	19.6	465	Yes
15	5510	15	18.1	444	Yes
16	5516	12	11.1	357	Yes
17	5508	16	19.6	423	Yes
18	5519	16	18.9	225	Yes
19	5506	13	13.9	217	Yes
20	5506	15	16.5	242	No
21	5509	12	11	483	No
22	5510	15	17.6	470	Yes
23	5500	12	11.4	308	Yes
24	5494	14	14.7	498	Yes
25	5514	12	11.4	477	Yes
26	5521	16	19.7	375	No
27	5518	14	16.1	285	Yes
28	5497	14	16	433	No
29	5507	12	12.6	490	No
30	5507	14	14.7	202	No

Detection Rate : 80%

802.11ax (HE40)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	16	5510	LP_Signal_01	Yes
2	20	5510	LP_Signal_02	Yes
3	12	5510	LP_Signal_03	Yes
4	5	5510	LP_Signal_04	Yes
5	15	5510	LP_Signal_05	Yes
6	19	5510	LP_Signal_06	No
7	10	5510	LP_Signal_07	Yes
8	20	5510	LP_Signal_08	Yes
9	14	5510	LP_Signal_09	Yes
10	5	5510	LP_Signal_10	Yes
11	17	5498	LP_Signal_11	Yes
12	18	5498	LP_Signal_12	Yes
13	6	5493	LP_Signal_13	Yes
14	11	5495	LP_Signal_14	Yes
15	15	5497	LP_Signal_15	Yes
16	7	5494	LP_Signal_16	Yes
17	16	5497	LP_Signal_17	Yes
18	5	5493	LP_Signal_18	No
19	8	5494	LP_Signal_19	Yes
20	12	5496	LP_Signal_20	Yes
21	14	5523	LP_Signal_21	No
22	5	5527	LP_Signal_22	Yes
23	13	5524	LP_Signal_23	Yes
24	10	5525	LP_Signal_24	Yes
25	17	5522	LP_Signal_25	Yes
26	5	5527	LP_Signal_26	Yes
27	20	5521	LP_Signal_27	Yes
28	16	5523	LP_Signal_28	No
29	10	5525	LP_Signal_29	No
30	20	5521	LP_Signal_30	Yes

Detection Rate : 83.3%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE40)

Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333.3	HOP_FREQ_SEQ_01	Yes
2	9	1	333.3	HOP_FREQ_SEQ_02	Yes
3	9	1	333.3	HOP_FREQ_SEQ_03	Yes
4	9	1	333.3	HOP_FREQ_SEQ_04	Yes
5	9	1	333.3	HOP_FREQ_SEQ_05	Yes
6	9	1	333.3	HOP_FREQ_SEQ_06	Yes
7	9	1	333.3	HOP_FREQ_SEQ_07	Yes
8	9	1	333.3	HOP_FREQ_SEQ_08	Yes
9	9	1	333.3	HOP_FREQ_SEQ_09	Yes
10	9	1	333.3	HOP_FREQ_SEQ_10	Yes
11	9	1	333.3	HOP_FREQ_SEQ_11	No
12	9	1	333.3	HOP_FREQ_SEQ_12	Yes
13	9	1	333.3	HOP_FREQ_SEQ_13	Yes
14	9	1	333.3	HOP_FREQ_SEQ_14	Yes
15	9	1	333.3	HOP_FREQ_SEQ_15	Yes
16	9	1	333.3	HOP_FREQ_SEQ_16	Yes
17	9	1	333.3	HOP_FREQ_SEQ_17	Yes
18	9	1	333.3	HOP_FREQ_SEQ_18	Yes
19	9	1	333.3	HOP_FREQ_SEQ_19	Yes
20	9	1	333.3	HOP_FREQ_SEQ_20	Yes
21	9	1	333.3	HOP_FREQ_SEQ_21	Yes
22	9	1	333.3	HOP_FREQ_SEQ_22	Yes
23	9	1	333.3	HOP_FREQ_SEQ_23	Yes
24	9	1	333.3	HOP_FREQ_SEQ_24	Yes
25	9	1	333.3	HOP_FREQ_SEQ_25	Yes
26	9	1	333.3	HOP_FREQ_SEQ_26	Yes
27	9	1	333.3	HOP_FREQ_SEQ_27	No
28	9	1	333.3	HOP_FREQ_SEQ_28	Yes
29	9	1	333.3	HOP_FREQ_SEQ_29	Yes
30	9	1	333.3	HOP_FREQ_SEQ_30	No

Detection Rate : 90%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE80)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5530	5	1672	89	598	Yes
2	5540	23	326.2	18	3066	Yes
3	5560	15	1253	67	798	Yes
4	5520	17	1193	63	838	Yes
5	5500	9	1475	78	678	Yes
6	5547	7	1567	83	638	Yes
7	5504	4	1730	92	578	Yes
8	5508	16	1223	65	818	Yes
9	5502	8	1520	81	658	Yes
10	5507	22	1066	57	938	Yes
11	5564	6	1618	86	618	Yes
12	5544	18	1166	62	858	Yes
13	5492	14	1285	68	778	Yes
14	5531	10	1433	76	698	No
15	5541	2	1859	99	538	Yes
16	5494	-	416.1	22	2403	Yes
17	5547	-	492.9	27	2029	Yes
18	5548	-	368.2	20	2716	Yes
19	5527	-	386.2	21	2589	Yes
20	5536	-	394.5	21	2535	Yes
21	5548	-	360.1	20	2777	No
22	5558	-	494.1	27	2024	Yes
23	5548	-	897.7	48	1114	Yes
24	5551	-	962.5	51	1039	Yes
25	5515	-	380.2	21	2630	Yes
26	5525	-	452.7	24	2209	Yes
27	5517	-	391.8	21	2552	Yes
28	5529	-	1083	58	923	No
29	5550	-	329.7	18	3033	Yes
30	5503	-	502	27	1992	Yes

Detection Rate : 90%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

802.11ax (HE80)

Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	24	2	224	Yes
2	5540	29	4.5	219	Yes
3	5560	26	3.2	167	No
4	5520	27	3.7	216	Yes
5	5500	23	1.1	179	Yes
6	5498	26	3.1	181	Yes
7	5557	27	3.7	188	Yes
8	5532	26	2.9	155	Yes
9	5568	29	4.8	214	Yes
10	5514	23	1.5	195	Yes
11	5548	29	4.9	201	Yes
12	5495	24	1.8	197	Yes
13	5527	23	1.5	158	No
14	5492	29	4.9	222	Yes
15	5549	28	4.2	185	Yes
16	5500	23	1	173	Yes
17	5527	29	4.8	190	Yes
18	5525	29	4.5	200	No
19	5525	25	2.3	165	Yes
20	5567	27	3.4	177	Yes
21	5533	23	1	183	Yes
22	5563	28	4	156	Yes
23	5524	23	1.1	213	Yes
24	5560	25	2.7	229	No
25	5533	23	1.2	206	Yes
26	5500	29	4.9	203	Yes
27	5528	26	3.3	163	No
28	5537	26	3.2	182	Yes
29	5541	24	1.7	166	Yes
30	5528	25	2.6	210	Yes

Detection Rate : 83.3%

802.11ax (HE80)

Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	16	7	239	Yes
2	5540	18	9.5	335	Yes
3	5560	17	8.2	411	Yes
4	5520	18	8.7	224	Yes
5	5500	16	6.1	428	Yes
6	5497	17	8.1	332	Yes
7	5549	17	8.7	491	No
8	5511	17	7.9	348	No
9	5496	18	9.8	206	Yes
10	5523	16	6.5	204	No
11	5538	18	9.9	438	Yes
12	5522	16	6.8	484	Yes
13	5535	16	6.5	344	Yes
14	5494	18	9.9	465	Yes
15	5551	18	9.2	444	Yes
16	5559	16	6	357	Yes
17	5541	18	9.8	423	Yes
18	5545	18	9.5	225	No
19	5511	16	7.3	217	Yes
20	5520	17	8.4	242	Yes
21	5515	16	6	483	Yes
22	5554	18	9	470	Yes
23	5534	16	6.1	308	Yes
24	5526	17	7.7	498	Yes
25	5515	16	6.2	477	Yes
26	5568	18	9.9	375	Yes
27	5498	17	8.3	285	Yes
28	5556	17	8.2	433	Yes
29	5546	16	6.7	490	Yes
30	5542	17	7.6	202	Yes
Detection Rate : 86.6%					

802.11ax (HE80)

Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	13	13.4	239	No
2	5540	16	18.8	335	Yes
3	5560	14	15.9	411	Yes
4	5520	15	17.1	224	Yes
5	5500	12	11.3	428	Yes
6	5527	14	15.8	332	No
7	5533	15	17	491	Yes
8	5520	14	15.3	348	Yes
9	5555	16	19.6	206	Yes
10	5514	12	12.1	204	Yes
11	5541	16	19.8	438	Yes
12	5530	13	12.8	484	Yes
13	5522	12	12.1	344	Yes
14	5502	16	19.6	465	Yes
15	5501	15	18.1	444	No
16	5567	12	11.1	357	Yes
17	5544	16	19.6	423	No
18	5541	16	18.9	225	Yes
19	5516	13	13.9	217	Yes
20	5541	15	16.5	242	Yes
21	5549	12	11	483	Yes
22	5540	15	17.6	470	Yes
23	5539	12	11.4	308	No
24	5515	14	14.7	498	No
25	5533	12	11.4	477	Yes
26	5516	16	19.7	375	Yes
27	5552	14	16.1	285	Yes
28	5541	14	16	433	Yes
29	5525	12	12.6	490	Yes
30	5509	14	14.7	202	Yes

Detection Rate : 80%

802.11ax (HE80)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	8	5530	LP_Signal_01	Yes
2	9	5530	LP_Signal_02	Yes
3	7	5530	LP_Signal_03	Yes
4	9	5530	LP_Signal_04	Yes
5	7	5530	LP_Signal_05	Yes
6	17	5530	LP_Signal_06	Yes
7	17	5530	LP_Signal_07	Yes
8	12	5530	LP_Signal_08	Yes
9	16	5530	LP_Signal_09	Yes
10	11	5530	LP_Signal_10	Yes
11	12	5496	LP_Signal_11	Yes
12	15	5497	LP_Signal_12	Yes
13	17	5498	LP_Signal_13	No
14	19	5499	LP_Signal_14	Yes
15	11	5495	LP_Signal_15	Yes
16	17	5498	LP_Signal_16	Yes
17	6	5493	LP_Signal_17	Yes
18	15	5497	LP_Signal_18	No
19	9	5495	LP_Signal_19	Yes
20	18	5498	LP_Signal_20	Yes
21	16	5563	LP_Signal_21	Yes
22	8	5566	LP_Signal_22	Yes
23	16	5563	LP_Signal_23	Yes
24	16	5563	LP_Signal_24	Yes
25	18	5562	LP_Signal_25	Yes
26	15	5563	LP_Signal_26	No
27	18	5562	LP_Signal_27	Yes
28	10	5565	LP_Signal_28	Yes
29	14	5563	LP_Signal_29	Yes
30	17	5562	LP_Signal_30	Yes

Detection Rate : 90%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE80)

Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333.3	HOP_FREQ_SEQ_01	Yes
2	9	1	333.3	HOP_FREQ_SEQ_02	Yes
3	9	1	333.3	HOP_FREQ_SEQ_03	Yes
4	9	1	333.3	HOP_FREQ_SEQ_04	No
5	9	1	333.3	HOP_FREQ_SEQ_05	Yes
6	9	1	333.3	HOP_FREQ_SEQ_06	Yes
7	9	1	333.3	HOP_FREQ_SEQ_07	Yes
8	9	1	333.3	HOP_FREQ_SEQ_08	Yes
9	9	1	333.3	HOP_FREQ_SEQ_09	Yes
10	9	1	333.3	HOP_FREQ_SEQ_10	Yes
11	9	1	333.3	HOP_FREQ_SEQ_11	Yes
12	9	1	333.3	HOP_FREQ_SEQ_12	Yes
13	9	1	333.3	HOP_FREQ_SEQ_13	No
14	9	1	333.3	HOP_FREQ_SEQ_14	Yes
15	9	1	333.3	HOP_FREQ_SEQ_15	Yes
16	9	1	333.3	HOP_FREQ_SEQ_16	Yes
17	9	1	333.3	HOP_FREQ_SEQ_17	Yes
18	9	1	333.3	HOP_FREQ_SEQ_18	Yes
19	9	1	333.3	HOP_FREQ_SEQ_19	Yes
20	9	1	333.3	HOP_FREQ_SEQ_20	Yes
21	9	1	333.3	HOP_FREQ_SEQ_21	Yes
22	9	1	333.3	HOP_FREQ_SEQ_22	Yes
23	9	1	333.3	HOP_FREQ_SEQ_23	Yes
24	9	1	333.3	HOP_FREQ_SEQ_24	Yes
25	9	1	333.3	HOP_FREQ_SEQ_25	Yes
26	9	1	333.3	HOP_FREQ_SEQ_26	Yes
27	9	1	333.3	HOP_FREQ_SEQ_27	Yes
28	9	1	333.3	HOP_FREQ_SEQ_28	Yes
29	9	1	333.3	HOP_FREQ_SEQ_29	Yes
30	9	1	333.3	HOP_FREQ_SEQ_30	No

Detection Rate : 90%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

Low band

802.11ax (HE20)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5300	5	1672	89	598	Yes
2	5307	23	326.2	18	3066	Yes
3	5293	15	1253	67	798	Yes
4	5295	17	1193	63	838	Yes
5	5298	9	1475	78	678	Yes
6	5302	7	1567	83	638	Yes
7	5303	4	1730	92	578	Yes
8	5300	16	1223	65	818	Yes
9	5296	8	1520	81	658	Yes
10	5295	22	1066	57	938	No
11	5299	6	1618	86	618	Yes
12	5299	18	1166	62	858	Yes
13	5307	14	1285	68	778	Yes
14	5300	10	1433	76	698	Yes
15	5308	2	1859	99	538	Yes
16	5302	-	416.1	22	2403	Yes
17	5298	-	492.9	27	2029	Yes
18	5309	-	368.2	20	2716	Yes
19	5302	-	386.2	21	2589	Yes
20	5299	-	394.5	21	2535	Yes
21	5295	-	360.1	20	2777	Yes
22	5299	-	494.1	27	2024	Yes
23	5293	-	897.7	48	1114	Yes
24	5308	-	962.5	51	1039	Yes
25	5304	-	380.2	21	2630	Yes
26	5293	-	452.7	24	2209	Yes
27	5297	-	391.8	21	2552	Yes
28	5299	-	1083	58	923	No
29	5295	-	329.7	18	3033	Yes
30	5298	-	502	27	1992	No

Detection Rate : 90%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE20)

Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5300	24	2	224	Yes
2	5307	29	4.5	219	Yes
3	5293	26	3.2	167	Yes
4	5295	27	3.7	216	Yes
5	5298	23	1.1	179	Yes
6	5302	26	3.1	181	Yes
7	5303	27	3.7	188	Yes
8	5300	26	2.9	155	No
9	5296	29	4.8	214	Yes
10	5295	23	1.5	195	No
11	5299	29	4.9	201	Yes
12	5299	24	1.8	197	Yes
13	5307	23	1.5	158	No
14	5300	29	4.9	222	Yes
15	5308	28	4.2	185	Yes
16	5302	23	1	173	Yes
17	5298	29	4.8	190	No
18	5309	29	4.5	200	Yes
19	5302	25	2.3	165	No
20	5299	27	3.4	177	Yes
21	5295	23	1	183	No
22	5299	28	4	156	Yes
23	5293	23	1.1	213	Yes
24	5308	25	2.7	229	Yes
25	5304	23	1.2	206	Yes
26	5293	29	4.9	203	Yes
27	5297	26	3.3	163	Yes
28	5299	26	3.2	182	Yes
29	5295	24	1.7	166	No
30	5298	25	2.6	210	Yes

Detection Rate : 76.6%

802.11ax (HE20)

Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5300	16	7	239	Yes
2	5307	18	9.5	335	Yes
3	5293	17	8.2	411	Yes
4	5295	18	8.7	224	No
5	5298	16	6.1	428	Yes
6	5302	17	8.1	332	Yes
7	5303	17	8.7	491	No
8	5300	17	7.9	348	No
9	5296	18	9.8	206	Yes
10	5295	16	6.5	204	Yes
11	5299	18	9.9	438	No
12	5299	16	6.8	484	Yes
13	5307	16	6.5	344	Yes
14	5300	18	9.9	465	Yes
15	5308	18	9.2	444	Yes
16	5302	16	6	357	Yes
17	5298	18	9.8	423	Yes
18	5309	18	9.5	225	Yes
19	5302	16	7.3	217	Yes
20	5299	17	8.4	242	Yes
21	5295	16	6	483	No
22	5299	18	9	470	Yes
23	5293	16	6.1	308	Yes
24	5308	17	7.7	498	No
25	5304	16	6.2	477	Yes
26	5293	18	9.9	375	Yes
27	5297	17	8.3	285	Yes
28	5299	17	8.2	433	Yes
29	5295	16	6.7	490	Yes
30	5298	17	7.6	202	Yes

Detection Rate : 80%

802.11ax (HE20)

Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5300	13	13.4	239	Yes
2	5307	16	18.8	335	Yes
3	5293	14	15.9	411	Yes
4	5295	15	17.1	224	Yes
5	5298	12	11.3	428	Yes
6	5302	14	15.8	332	No
7	5303	15	17	491	Yes
8	5300	14	15.3	348	Yes
9	5296	16	19.6	206	Yes
10	5295	12	12.1	204	Yes
11	5299	16	19.8	438	Yes
12	5299	13	12.8	484	No
13	5307	12	12.1	344	No
14	5300	16	19.6	465	Yes
15	5308	15	18.1	444	Yes
16	5302	12	11.1	357	No
17	5298	16	19.6	423	Yes
18	5309	16	18.9	225	Yes
19	5302	13	13.9	217	Yes
20	5299	15	16.5	242	Yes
21	5295	12	11	483	No
22	5299	15	17.6	470	Yes
23	5293	12	11.4	308	Yes
24	5308	14	14.7	498	Yes
25	5304	12	11.4	477	Yes
26	5293	16	19.7	375	No
27	5297	14	16.1	285	Yes
28	5299	14	16	433	Yes
29	5295	12	12.6	490	Yes
30	5298	14	14.7	202	Yes

Detection Rate : 80%

802.11ax (HE20)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	7	5300	LP_Signal_01	Yes
2	15	5300	LP_Signal_02	Yes
3	16	5300	LP_Signal_03	Yes
4	18	5300	LP_Signal_04	Yes
5	8	5300	LP_Signal_05	Yes
6	5	5300	LP_Signal_06	Yes
7	18	5300	LP_Signal_07	Yes
8	12	5300	LP_Signal_08	No
9	12	5300	LP_Signal_09	Yes
10	15	5300	LP_Signal_10	Yes
11	5	5292	LP_Signal_11	Yes
12	6	5292	LP_Signal_12	Yes
13	11	5294	LP_Signal_13	Yes
14	18	5297	LP_Signal_14	Yes
15	20	5298	LP_Signal_15	Yes
16	13	5295	LP_Signal_16	Yes
17	9	5294	LP_Signal_17	Yes
18	11	5294	LP_Signal_18	No
19	8	5293	LP_Signal_19	No
20	5	5292	LP_Signal_20	Yes
21	12	5305	LP_Signal_21	Yes
22	17	5303	LP_Signal_22	Yes
23	10	5306	LP_Signal_23	Yes
24	5	5308	LP_Signal_24	No
25	15	5304	LP_Signal_25	No
26	11	5306	LP_Signal_26	Yes
27	7	5307	LP_Signal_27	Yes
28	6	5308	LP_Signal_28	Yes
29	6	5308	LP_Signal_29	Yes
30	8	5307	LP_Signal_30	Yes

Detection Rate : 83.3%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE20)

Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333.3	HOP_FREQ_SEQ_01	Yes
2	9	1	333.3	HOP_FREQ_SEQ_02	Yes
3	9	1	333.3	HOP_FREQ_SEQ_03	Yes
4	9	1	333.3	HOP_FREQ_SEQ_04	Yes
5	9	1	333.3	HOP_FREQ_SEQ_05	Yes
6	9	1	333.3	HOP_FREQ_SEQ_06	No
7	9	1	333.3	HOP_FREQ_SEQ_07	Yes
8	9	1	333.3	HOP_FREQ_SEQ_08	No
9	9	1	333.3	HOP_FREQ_SEQ_09	Yes
10	9	1	333.3	HOP_FREQ_SEQ_10	Yes
11	9	1	333.3	HOP_FREQ_SEQ_11	Yes
12	9	1	333.3	HOP_FREQ_SEQ_12	Yes
13	9	1	333.3	HOP_FREQ_SEQ_13	Yes
14	9	1	333.3	HOP_FREQ_SEQ_14	Yes
15	9	1	333.3	HOP_FREQ_SEQ_15	Yes
16	9	1	333.3	HOP_FREQ_SEQ_16	Yes
17	9	1	333.3	HOP_FREQ_SEQ_17	Yes
18	9	1	333.3	HOP_FREQ_SEQ_18	Yes
19	9	1	333.3	HOP_FREQ_SEQ_19	Yes
20	9	1	333.3	HOP_FREQ_SEQ_20	Yes
21	9	1	333.3	HOP_FREQ_SEQ_21	Yes
22	9	1	333.3	HOP_FREQ_SEQ_22	Yes
23	9	1	333.3	HOP_FREQ_SEQ_23	Yes
24	9	1	333.3	HOP_FREQ_SEQ_24	Yes
25	9	1	333.3	HOP_FREQ_SEQ_25	Yes
26	9	1	333.3	HOP_FREQ_SEQ_26	Yes
27	9	1	333.3	HOP_FREQ_SEQ_27	Yes
28	9	1	333.3	HOP_FREQ_SEQ_28	Yes
29	9	1	333.3	HOP_FREQ_SEQ_29	Yes
30	9	1	333.3	HOP_FREQ_SEQ_30	No

Detection Rate : 90%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE40)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5310	5	1672	89	598	Yes
2	5320	23	326.2	18	3066	Yes
3	5300	15	1253	67	798	No
4	5317	17	1193	63	838	Yes
5	5323	9	1475	78	678	Yes
6	5304	7	1567	83	638	Yes
7	5297	4	1730	92	578	Yes
8	5307	16	1223	65	818	Yes
9	5308	8	1520	81	658	Yes
10	5309	22	1066	57	938	Yes
11	5298	6	1618	86	618	Yes
12	5308	18	1166	62	858	Yes
13	5300	14	1285	68	778	Yes
14	5320	10	1433	76	698	Yes
15	5297	2	1859	99	538	Yes
16	5310	-	416.1	22	2403	Yes
17	5311	-	492.9	27	2029	Yes
18	5314	-	368.2	20	2716	Yes
19	5311	-	386.2	21	2589	Yes
20	5323	-	394.5	21	2535	No
21	5324	-	360.1	20	2777	Yes
22	5321	-	494.1	27	2024	Yes
23	5299	-	897.7	48	1114	No
24	5320	-	962.5	51	1039	No
25	5323	-	380.2	21	2630	Yes
26	5302	-	452.7	24	2209	Yes
27	5322	-	391.8	21	2552	Yes
28	5308	-	1083	58	923	Yes
29	5308	-	329.7	18	3033	Yes
30	5303	-	502	27	1992	Yes

Detection Rate : 86.6%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE40)

Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5310	24	2	224	No
2	5320	29	4.5	219	Yes
3	5300	26	3.2	167	Yes
4	5317	27	3.7	216	Yes
5	5323	23	1.1	179	Yes
6	5304	26	3.1	181	Yes
7	5297	27	3.7	188	Yes
8	5307	26	2.9	155	Yes
9	5308	29	4.8	214	Yes
10	5309	23	1.5	195	Yes
11	5298	29	4.9	201	Yes
12	5308	24	1.8	197	Yes
13	5300	23	1.5	158	Yes
14	5320	29	4.9	222	Yes
15	5297	28	4.2	185	No
16	5310	23	1	173	Yes
17	5311	29	4.8	190	Yes
18	5314	29	4.5	200	No
19	5311	25	2.3	165	Yes
20	5323	27	3.4	177	Yes
21	5324	23	1	183	Yes
22	5321	28	4	156	Yes
23	5299	23	1.1	213	No
24	5320	25	2.7	229	Yes
25	5323	23	1.2	206	Yes
26	5302	29	4.9	203	No
27	5322	26	3.3	163	Yes
28	5308	26	3.2	182	Yes
29	5308	24	1.7	166	Yes
30	5303	25	2.6	210	No

Detection Rate : 80%

802.11ax (HE40)

Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5310	16	7	239	Yes
2	5320	18	9.5	335	Yes
3	5300	17	8.2	411	Yes
4	5317	18	8.7	224	Yes
5	5323	16	6.1	428	Yes
6	5304	17	8.1	332	Yes
7	5297	17	8.7	491	Yes
8	5307	17	7.9	348	No
9	5308	18	9.8	206	Yes
10	5309	16	6.5	204	Yes
11	5298	18	9.9	438	Yes
12	5308	16	6.8	484	No
13	5300	16	6.5	344	Yes
14	5320	18	9.9	465	Yes
15	5297	18	9.2	444	Yes
16	5310	16	6	357	Yes
17	5311	18	9.8	423	Yes
18	5314	18	9.5	225	Yes
19	5311	16	7.3	217	Yes
20	5323	17	8.4	242	Yes
21	5324	16	6	483	Yes
22	5321	18	9	470	Yes
23	5299	16	6.1	308	No
24	5320	17	7.7	498	Yes
25	5323	16	6.2	477	Yes
26	5302	18	9.9	375	No
27	5322	17	8.3	285	Yes
28	5308	17	8.2	433	Yes
29	5308	16	6.7	490	Yes
30	5303	17	7.6	202	Yes
Detection Rate : 86.6%					

802.11ax (HE40)

Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5310	13	13.4	239	Yes
2	5320	16	18.8	335	Yes
3	5300	14	15.9	411	Yes
4	5317	15	17.1	224	Yes
5	5323	12	11.3	428	Yes
6	5304	14	15.8	332	Yes
7	5297	15	17	491	Yes
8	5307	14	15.3	348	No
9	5308	16	19.6	206	Yes
10	5309	12	12.1	204	Yes
11	5298	16	19.8	438	Yes
12	5308	13	12.8	484	Yes
13	5300	12	12.1	344	Yes
14	5320	16	19.6	465	Yes
15	5297	15	18.1	444	Yes
16	5310	12	11.1	357	Yes
17	5311	16	19.6	423	Yes
18	5314	16	18.9	225	Yes
19	5311	13	13.9	217	No
20	5323	15	16.5	242	Yes
21	5324	12	11	483	Yes
22	5321	15	17.6	470	Yes
23	5299	12	11.4	308	Yes
24	5320	14	14.7	498	Yes
25	5323	12	11.4	477	Yes
26	5302	16	19.7	375	Yes
27	5322	14	16.1	285	Yes
28	5308	14	16	433	Yes
29	5308	12	12.6	490	Yes
30	5303	14	14.7	202	Yes
Detection Rate : 93.3%					

802.11ax (HE40)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	16	5310	LP_Signal_01	Yes
2	20	5310	LP_Signal_02	Yes
3	12	5310	LP_Signal_03	Yes
4	5	5310	LP_Signal_04	Yes
5	15	5310	LP_Signal_05	Yes
6	19	5310	LP_Signal_06	No
7	10	5310	LP_Signal_07	Yes
8	20	5310	LP_Signal_08	Yes
9	14	5310	LP_Signal_09	Yes
10	5	5310	LP_Signal_10	Yes
11	17	5298	LP_Signal_11	Yes
12	18	5298	LP_Signal_12	Yes
13	6	5293	LP_Signal_13	Yes
14	11	5295	LP_Signal_14	Yes
15	15	5297	LP_Signal_15	Yes
16	7	5294	LP_Signal_16	Yes
17	16	5297	LP_Signal_17	Yes
18	5	5293	LP_Signal_18	Yes
19	8	5294	LP_Signal_19	Yes
20	12	5296	LP_Signal_20	Yes
21	14	5323	LP_Signal_21	Yes
22	5	5327	LP_Signal_22	Yes
23	13	5324	LP_Signal_23	Yes
24	10	5325	LP_Signal_24	Yes
25	17	5322	LP_Signal_25	Yes
26	5	5327	LP_Signal_26	Yes
27	20	5321	LP_Signal_27	Yes
28	16	5323	LP_Signal_28	Yes
29	10	5325	LP_Signal_29	No
30	20	5321	LP_Signal_30	Yes

Detection Rate : 93.3%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE40)

Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333.3	HOP_FREQ_SEQ_01	Yes
2	9	1	333.3	HOP_FREQ_SEQ_02	Yes
3	9	1	333.3	HOP_FREQ_SEQ_03	Yes
4	9	1	333.3	HOP_FREQ_SEQ_04	Yes
5	9	1	333.3	HOP_FREQ_SEQ_05	Yes
6	9	1	333.3	HOP_FREQ_SEQ_06	Yes
7	9	1	333.3	HOP_FREQ_SEQ_07	Yes
8	9	1	333.3	HOP_FREQ_SEQ_08	Yes
9	9	1	333.3	HOP_FREQ_SEQ_09	No
10	9	1	333.3	HOP_FREQ_SEQ_10	Yes
11	9	1	333.3	HOP_FREQ_SEQ_11	Yes
12	9	1	333.3	HOP_FREQ_SEQ_12	Yes
13	9	1	333.3	HOP_FREQ_SEQ_13	Yes
14	9	1	333.3	HOP_FREQ_SEQ_14	Yes
15	9	1	333.3	HOP_FREQ_SEQ_15	Yes
16	9	1	333.3	HOP_FREQ_SEQ_16	Yes
17	9	1	333.3	HOP_FREQ_SEQ_17	Yes
18	9	1	333.3	HOP_FREQ_SEQ_18	Yes
19	9	1	333.3	HOP_FREQ_SEQ_19	Yes
20	9	1	333.3	HOP_FREQ_SEQ_20	Yes
21	9	1	333.3	HOP_FREQ_SEQ_21	Yes
22	9	1	333.3	HOP_FREQ_SEQ_22	Yes
23	9	1	333.3	HOP_FREQ_SEQ_23	Yes
24	9	1	333.3	HOP_FREQ_SEQ_24	Yes
25	9	1	333.3	HOP_FREQ_SEQ_25	Yes
26	9	1	333.3	HOP_FREQ_SEQ_26	Yes
27	9	1	333.3	HOP_FREQ_SEQ_27	Yes
28	9	1	333.3	HOP_FREQ_SEQ_28	Yes
29	9	1	333.3	HOP_FREQ_SEQ_29	Yes
30	9	1	333.3	HOP_FREQ_SEQ_30	Yes

Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE80)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5290	5	1672	89	598	No
2	5300	23	326.2	18	3066	Yes
3	5320	15	1253	67	798	Yes
4	5280	17	1193	63	838	Yes
5	5260	9	1475	78	678	Yes
6	5253	7	1567	83	638	Yes
7	5276	4	1730	92	578	No
8	5257	16	1223	65	818	Yes
9	5273	8	1520	81	658	Yes
10	5303	22	1066	57	938	Yes
11	5256	6	1618	86	618	Yes
12	5304	18	1166	62	858	Yes
13	5298	14	1285	68	778	Yes
14	5253	10	1433	76	698	Yes
15	5268	2	1859	99	538	No
16	5327	-	416.1	22	2403	Yes
17	5256	-	492.9	27	2029	No
18	5261	-	368.2	20	2716	Yes
19	5271	-	386.2	21	2589	Yes
20	5268	-	394.5	21	2535	Yes
21	5311	-	360.1	20	2777	Yes
22	5289	-	494.1	27	2024	Yes
23	5259	-	897.7	48	1114	Yes
24	5263	-	962.5	51	1039	Yes
25	5296	-	380.2	21	2630	Yes
26	5321	-	452.7	24	2209	Yes
27	5311	-	391.8	21	2552	Yes
28	5258	-	1083	58	923	Yes
29	5264	-	329.7	18	3033	Yes
30	5322	-	502	27	1992	Yes

Detection Rate : 86.6%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

802.11ax (HE80)

Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5290	24	2	224	Yes
2	5300	29	4.5	219	Yes
3	5320	26	3.2	167	Yes
4	5280	27	3.7	216	Yes
5	5260	23	1.1	179	Yes
6	5253	26	3.1	181	Yes
7	5276	27	3.7	188	No
8	5257	26	2.9	155	No
9	5273	29	4.8	214	Yes
10	5303	23	1.5	195	Yes
11	5256	29	4.9	201	Yes
12	5304	24	1.8	197	Yes
13	5298	23	1.5	158	Yes
14	5253	29	4.9	222	Yes
15	5268	28	4.2	185	Yes
16	5327	23	1	173	No
17	5256	29	4.8	190	No
18	5261	29	4.5	200	Yes
19	5271	25	2.3	165	Yes
20	5268	27	3.4	177	Yes
21	5311	23	1	183	Yes
22	5289	28	4	156	Yes
23	5259	23	1.1	213	No
24	5263	25	2.7	229	Yes
25	5296	23	1.2	206	No
26	5321	29	4.9	203	Yes
27	5311	26	3.3	163	Yes
28	5258	26	3.2	182	Yes
29	5264	24	1.7	166	Yes
30	5322	25	2.6	210	Yes

Detection Rate : 80%

802.11ax (HE80)

Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5290	16	7	239	Yes
2	5300	18	9.5	335	Yes
3	5320	17	8.2	411	Yes
4	5280	18	8.7	224	Yes
5	5260	16	6.1	428	Yes
6	5253	17	8.1	332	Yes
7	5276	17	8.7	491	Yes
8	5257	17	7.9	348	Yes
9	5273	18	9.8	206	No
10	5303	16	6.5	204	Yes
11	5256	18	9.9	438	Yes
12	5304	16	6.8	484	Yes
13	5298	16	6.5	344	Yes
14	5253	18	9.9	465	Yes
15	5268	18	9.2	444	Yes
16	5327	16	6	357	Yes
17	5256	18	9.8	423	Yes
18	5261	18	9.5	225	Yes
19	5271	16	7.3	217	No
20	5268	17	8.4	242	Yes
21	5311	16	6	483	Yes
22	5289	18	9	470	Yes
23	5259	16	6.1	308	Yes
24	5263	17	7.7	498	No
25	5296	16	6.2	477	Yes
26	5321	18	9.9	375	Yes
27	5311	17	8.3	285	No
28	5258	17	8.2	433	Yes
29	5264	16	6.7	490	Yes
30	5322	17	7.6	202	Yes
Detection Rate : 86.6%					

802.11ax (HE80)

Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5290	13	13.4	239	Yes
2	5300	16	18.8	335	Yes
3	5320	14	15.9	411	Yes
4	5280	15	17.1	224	Yes
5	5260	12	11.3	428	Yes
6	5253	14	15.8	332	Yes
7	5276	15	17	491	No
8	5257	14	15.3	348	Yes
9	5273	16	19.6	206	No
10	5303	12	12.1	204	Yes
11	5256	16	19.8	438	Yes
12	5304	13	12.8	484	Yes
13	5298	12	12.1	344	No
14	5253	16	19.6	465	No
15	5268	15	18.1	444	Yes
16	5327	12	11.1	357	Yes
17	5256	16	19.6	423	Yes
18	5261	16	18.9	225	No
19	5271	13	13.9	217	Yes
20	5268	15	16.5	242	Yes
21	5311	12	11	483	Yes
22	5289	15	17.6	470	No
23	5259	12	11.4	308	No
24	5263	14	14.7	498	Yes
25	5296	12	11.4	477	Yes
26	5321	16	19.7	375	Yes
27	5311	14	16.1	285	Yes
28	5258	14	16	433	Yes
29	5264	12	12.6	490	Yes
30	5322	14	14.7	202	Yes

Detection Rate : 76.6%

802.11ax (HE80)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	8	5290	LP_Signal_01	Yes
2	9	5290	LP_Signal_02	Yes
3	7	5290	LP_Signal_03	Yes
4	9	5290	LP_Signal_04	Yes
5	7	5290	LP_Signal_05	Yes
6	17	5290	LP_Signal_06	Yes
7	17	5290	LP_Signal_07	No
8	12	5290	LP_Signal_08	Yes
9	16	5290	LP_Signal_09	Yes
10	11	5290	LP_Signal_10	No
11	12	5256	LP_Signal_11	Yes
12	15	5257	LP_Signal_12	Yes
13	17	5258	LP_Signal_13	Yes
14	19	5259	LP_Signal_14	No
15	11	5255	LP_Signal_15	No
16	17	5258	LP_Signal_16	Yes
17	6	5253	LP_Signal_17	Yes
18	15	5257	LP_Signal_18	Yes
19	9	5255	LP_Signal_19	Yes
20	18	5258	LP_Signal_20	Yes
21	16	5323	LP_Signal_21	Yes
22	8	5326	LP_Signal_22	No
23	16	5323	LP_Signal_23	Yes
24	16	5323	LP_Signal_24	Yes
25	18	5322	LP_Signal_25	Yes
26	15	5323	LP_Signal_26	Yes
27	18	5322	LP_Signal_27	Yes
28	10	5325	LP_Signal_28	Yes
29	14	5323	LP_Signal_29	Yes
30	17	5322	LP_Signal_30	Yes

Detection Rate : 83.3%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE80)

Type 6 Radar Statistical Performances

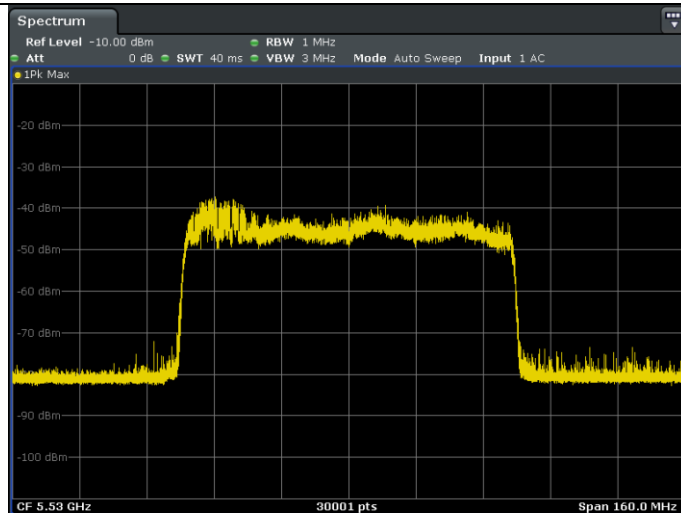
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333.3	HOP_FREQ_SEQ_01	Yes
2	9	1	333.3	HOP_FREQ_SEQ_02	Yes
3	9	1	333.3	HOP_FREQ_SEQ_03	Yes
4	9	1	333.3	HOP_FREQ_SEQ_04	Yes
5	9	1	333.3	HOP_FREQ_SEQ_05	No
6	9	1	333.3	HOP_FREQ_SEQ_06	Yes
7	9	1	333.3	HOP_FREQ_SEQ_07	Yes
8	9	1	333.3	HOP_FREQ_SEQ_08	Yes
9	9	1	333.3	HOP_FREQ_SEQ_09	Yes
10	9	1	333.3	HOP_FREQ_SEQ_10	No
11	9	1	333.3	HOP_FREQ_SEQ_11	Yes
12	9	1	333.3	HOP_FREQ_SEQ_12	Yes
13	9	1	333.3	HOP_FREQ_SEQ_13	Yes
14	9	1	333.3	HOP_FREQ_SEQ_14	Yes
15	9	1	333.3	HOP_FREQ_SEQ_15	Yes
16	9	1	333.3	HOP_FREQ_SEQ_16	Yes
17	9	1	333.3	HOP_FREQ_SEQ_17	Yes
18	9	1	333.3	HOP_FREQ_SEQ_18	Yes
19	9	1	333.3	HOP_FREQ_SEQ_19	Yes
20	9	1	333.3	HOP_FREQ_SEQ_20	Yes
21	9	1	333.3	HOP_FREQ_SEQ_21	Yes
22	9	1	333.3	HOP_FREQ_SEQ_22	Yes
23	9	1	333.3	HOP_FREQ_SEQ_23	Yes
24	9	1	333.3	HOP_FREQ_SEQ_24	Yes
25	9	1	333.3	HOP_FREQ_SEQ_25	Yes
26	9	1	333.3	HOP_FREQ_SEQ_26	Yes
27	9	1	333.3	HOP_FREQ_SEQ_27	Yes
28	9	1	333.3	HOP_FREQ_SEQ_28	Yes
29	9	1	333.3	HOP_FREQ_SEQ_29	Yes
30	9	1	333.3	HOP_FREQ_SEQ_30	Yes

Detection Rate : 93.3%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

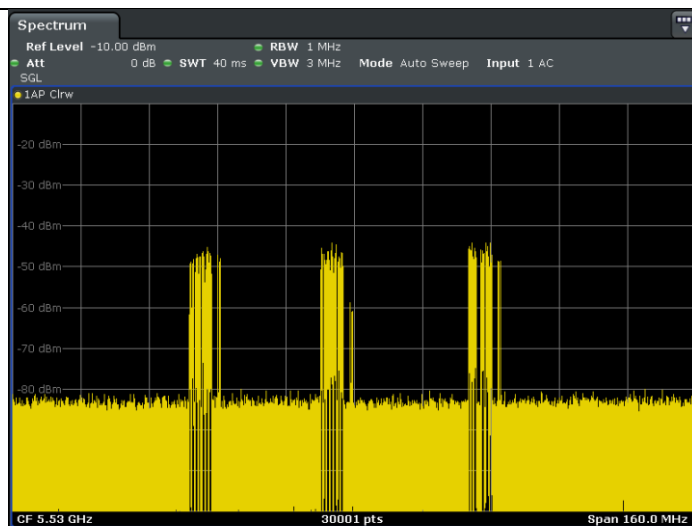
6.2.5 Non- Occupancy Period

1) Test results demonstrating an associated client link is established with the master on a test frequency.



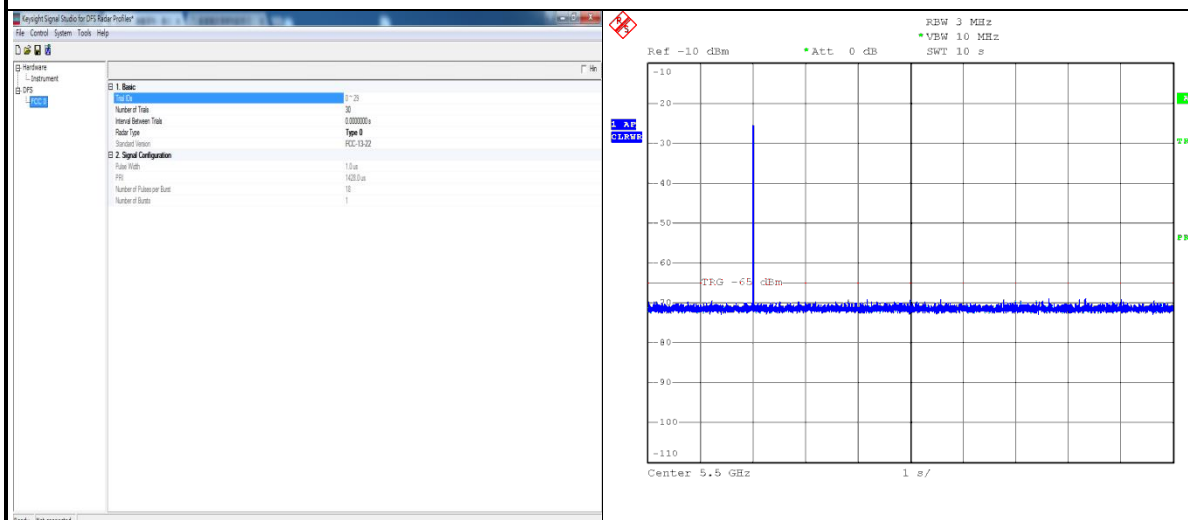
EUT (master) links with Client on 5530MHz

2) The master and DFS-certified client device are associated, and system testing will be performed with channel-loading for a non-occupancy period test.



Client performed with channel-loading via master.

3). The device transmits one type of radar as specified in the DFS Order.



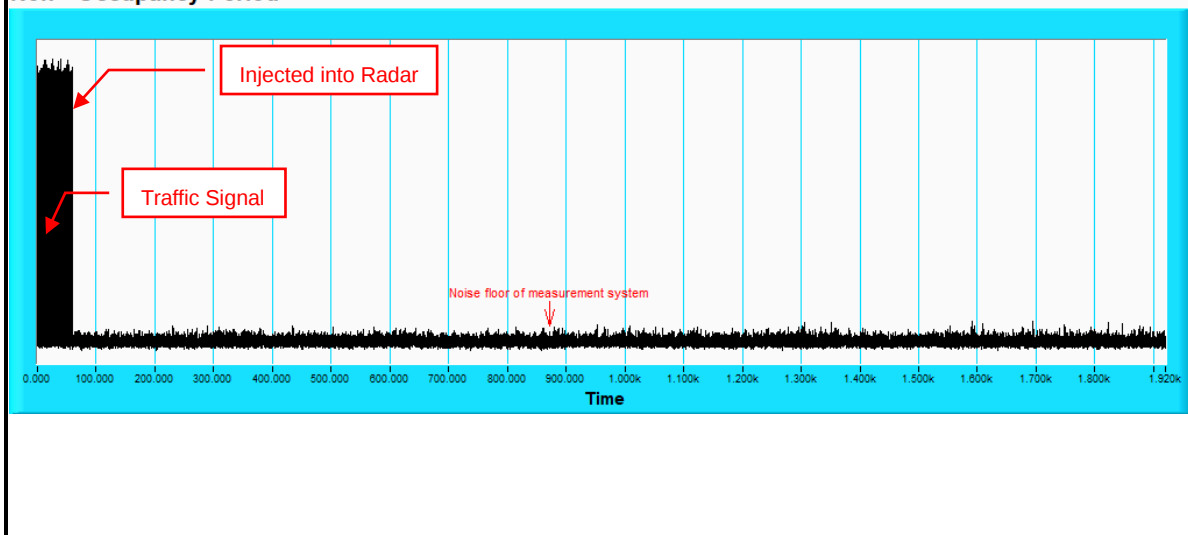
Radar 0 is used to test during DFS testing.

4) The test frequency has been monitored to ensure no transmission of any type has occurred for 30 minutes;

Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear;

5) An analyzer plot that contains a single 30-minute sweep on the original test frequency.

Non - Occupancy Period



APPENDIX A. Radar Test Signal

A.1 The Long Pulse Radar Pattern

High Band

BW20

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_01

Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	7	58.7	1765	-	-
2	3	7	84.3	1452	1398	1571
3	3	7	87.4	1358	1377	1111
4	3	7	91.4	1554	1036	1662
5	1	7	61.8	1828	-	-
6	1	7	51.8	1621	-	-
7	3	7	93.4	1063	1317	1923
8	2	7	73.8	1804	1156	-
9	2	7	72.6	1935	1079	-
10	2	7	82.5	1049	1478	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_02

Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	15	51.3	1713	-	-
2	1	15	54	1485	-	-
3	2	15	69.1	1043	1750	-
4	3	15	93.8	1665	1844	1155
5	3	15	99.1	1505	1825	1538
6	2	15	76	1866	1508	-
7	1	15	63.5	1889	-	-
8	2	15	69.8	1024	1578	-
9	1	15	60.9	1067	-	-
10	1	15	52.9	1162	-	-
11	2	15	73.7	1211	1581	-
12	3	15	87.8	1516	1753	1473
13	2	15	68.6	1029	1730	-
14	1	15	50.9	1930	-	-
15	2	15	83	1675	1303	-
16	2	15	69.5	1296	1410	-
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_03

Number of Bursts in Trial: 17

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	16	56.4	1603	-	-
2	1	16	53.9	1545	-	-
3	1	16	53.5	1943	-	-
4	1	16	59.4	1206	-	-
5	2	16	78.5	1305	1969	-
6	3	16	86.1	1355	1823	1948
7	2	16	67	1788	1958	-
8	2	16	74.5	1213	1124	-
9	2	16	81.3	1215	1366	-
10	2	16	81.5	1429	1293	-
11	2	16	79.9	1345	1990	-
12	1	16	50.5	1996	-	-
13	3	16	88.4	1871	1121	1723
14	1	16	65.7	1964	-	-
15	3	16	93	1962	1265	1267
16	1	16	63.6	1020	-	-
17	2	16	78.1	1737	1422	-
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_04

Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	18	76.8	1105	1462	-
2	2	18	72.6	1668	1188	-
3	2	18	70.4	1321	1820	-
4	1	18	57	1683	-	-
5	3	18	88.6	1721	1611	1967
6	1	18	55	1594	-	-
7	3	18	93.3	1624	1678	1625
8	3	18	86.7	1720	1540	1349
9	3	18	86.7	1816	1617	1754
10	1	18	57.7	1382	-	-
11	2	18	78.1	1561	1416	-
12	1	18	59.9	1734	-	-
13	2	18	71	1677	1220	-
14	1	18	65.7	1497	-	-
15	3	18	86.4	1957	1088	1054
16	1	18	58.3	1104	-	-
17	3	18	92.3	1589	1800	1189
18	3	18	95.4	1147	1801	1748
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_05

Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	8	89.4	1574	1736	1023
2	2	8	70.2	1655	1500	-
3	1	8	63.2	1445	-	-
4	1	8	53.9	1098	-	-
5	1	8	65.2	1918	-	-
6	3	8	87.1	1453	1658	1236
7	3	8	94.6	1896	1154	1456
8	1	8	62.4	1646	-	-
9	2	8	67.6	1600	1439	-
10	3	8	96.2	1629	1909	1879
11	1	8	62.9	1793	-	-
12						
13						
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_06

Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	81.4	1413	1565	-
2	3	5	95.3	1774	1131	1995
3	1	5	60	1160	-	-
4	1	5	60.1	1922	-	-
5	1	5	59.6	1069	-	-
6	3	5	91.8	1259	1810	1477
7	2	5	78.4	1763	1487	-
8	1	5	62.6	1122	-	-
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_07

Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	18	62.4	1000	-	-
2	2	18	67.9	1925	1039	-
3	3	18	99	1890	1228	1326
4	1	18	60.3	1210	-	-
5	2	18	72.7	1688	1548	-
6	3	18	91.9	1988	1503	1201
7	2	18	78.3	1309	1198	-
8	3	18	88.9	1080	1399	1115
9	1	18	64.5	1087	-	-
10	1	18	60.3	1133	-	-
11	1	18	65.8	1579	-	-
12	3	18	93.5	1619	1682	1758
13	3	18	92.2	1533	1842	1979
14	3	18	96.2	1672	1744	1971
15	2	18	70.3	1414	1692	-
16	1	18	53.5	1706	-	-
17	3	18	93.4	1870	1242	1395
18	1	18	64.9	1438	-	-
19	2	18	72.9	1239	1817	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_08

Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	57.3	1698	-	-
2	2	12	83.3	1700	1427	-
3	1	12	62.5	1952	-	-
4	2	12	76.1	1612	1397	-
5	3	12	87.5	1139	1901	1400
6	3	12	97.1	1352	1798	1636
7	2	12	73.8	1496	1536	-
8	1	12	55.2	1357	-	-
9	1	12	62.5	1811	-	-
10	2	12	68.1	1251	1843	-
11	3	12	99.9	1819	1057	1017
12	1	12	61.3	1342	-	-
13	2	12	73.9	1725	1872	-
14	1	12	58	1747	-	-
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_09

Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	12	95.8	1465	1975	1904
2	2	12	79.9	1764	1174	-
3	2	12	77.4	1235	1584	-
4	3	12	90.4	1114	1974	1027
5	1	12	59.9	1126	-	-
6	3	12	90.5	1275	1985	1845
7	1	12	62	1062	-	-
8	3	12	87	1463	1587	1887
9	3	12	98.3	1586	1187	1651
10	2	12	80.1	1277	1881	-
11	1	12	52.1	1330	-	-
12	1	12	51.7	1333	-	-
13	1	12	52.7	1867	-	-
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_10

Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	15	70.7	1934	1731	-
2	3	15	85.3	1179	1751	1711
3	2	15	75	1034	1261	-
4	1	15	56.4	1954	-	-
5	2	15	66.7	1243	1090	-
6	3	15	94.8	1224	1970	1214
7	2	15	68.8	1701	1280	-
8	2	15	71	1563	1537	-
9	2	15	79.4	1525	1389	-
10	3	15	100	1717	1498	1740
11	3	15	91.9	1295	1037	1829
12	1	15	61.5	1949	-	-
13	1	15	63.2	1596	-	-
14	3	15	99	1254	1919	1073
15	3	15	86.6	1606	1849	1202
16	1	15	65.8	1635	-	-
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_11

Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	70.7	1897	1749	-
2	1	5	64.6	1965	-	-
3	3	5	99	1012	1045	1772
4	3	5	91.9	1583	1466	1549
5	3	5	85.5	1420	1780	1459
6	3	5	96.5	1530	1924	1835
7	1	5	66.2	1550	-	-
8	3	5	92.9	1929	1335	1883
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_12

Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	63.1	1642	-	-
2	3	6	83.5	1005	1981	1250
3	2	6	74.5	1914	1474	-
4	1	6	60.9	1430	-	-
5	2	6	70.4	1680	1542	-
6	3	6	85.1	1048	1127	1393
7	2	6	82.4	1605	1282	-
8	2	6	74	1108	1691	-
9	3	6	85.7	1486	1976	1212
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_13

Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	11	94.4	1385	1336	1376
2	1	11	53	1805	-	-
3	2	11	70	1248	1558	-
4	3	11	87.6	1403	1170	1315
5	1	11	61.7	1042	-	-
6	2	11	83.2	1100	1535	-
7	1	11	66.6	1038	-	-
8	1	11	55.1	1423	-	-
9	3	11	87	1789	1306	1643
10	1	11	66.4	1409	-	-
11	2	11	80	1319	1094	-
12	3	11	85.6	1891	1291	1529
13						
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_14

Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	18	78.9	1613	1263	-
2	3	18	96.7	1627	1432	1986
3	3	18	91.5	1472	1759	1784
4	2	18	75.4	1274	1795	-
5	2	18	71.1	1968	1444	-
6	2	18	77.5	1588	1441	-
7	1	18	65.4	1710	-	-
8	1	18	53.1	1419	-	-
9	1	18	59.9	1518	-	-
10	2	18	67.3	1195	1168	-
11	2	18	74.2	1386	1216	-
12	2	18	69	1557	1132	-
13	2	18	82.1	1987	1186	-
14	3	18	93.3	1365	1032	1728
15	2	18	83.3	1103	1568	-
16	2	18	70.3	1699	1281	-
17	1	18	57.9	1285	-	-
18	1	18	50.6	1850	-	-
19	3	18	94.3	1479	1218	1733
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_15

Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	67.5	1434	1117	-
2	2	20	67.8	1567	1773	-
3	2	20	75.9	1846	1362	-
4	2	20	68.9	1237	1818	-
5	3	20	96	1339	1796	1852
6	1	20	66.6	1289	-	-
7	2	20	78.3	1862	1856	-
8	1	20	58.9	1412	-	-
9	2	20	81.5	1113	1591	-
10	2	20	82.4	1059	1861	-
11	3	20	86.8	1797	1163	1320
12	3	20	98.5	1268	1300	1868
13	2	20	80.1	1086	1482	-
14	3	20	86.3	1860	1407	1998
15	1	20	57.2	1241	-	-
16	3	20	84.3	1808	1873	1628
17	3	20	86.8	1258	1302	1978
18	2	20	83	1690	1378	-
19	3	20	85.6	1327	1956	1311
20	3	20	99.4	1112	1815	1262

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_16

Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	13	57.5	1379	-	-
2	2	13	67	1551	1620	-
3	2	13	70.9	1939	1083	-
4	2	13	75.7	1332	1476	-
5	2	13	77.1	1840	1010	-
6	2	13	78.8	1371	1618	-
7	1	13	51	1494	-	-
8	1	13	55.4	1794	-	-
9	2	13	68.5	1590	1266	-
10	3	13	100	1484	1314	1428
11	3	13	96.4	1363	1361	1292
12	3	13	97.2	1694	1480	1446
13	3	13	86.4	1447	1227	1102
14	2	13	72.1	1184	1638	-
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_17

Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	9	62.4	1329	-	-
2	2	9	67.8	1364	1937	-
3	1	9	53	1790	-	-
4	2	9	77.8	1546	1906	-
5	3	9	95.6	1145	1743	1499
6	1	9	58.8	1199	-	-
7	3	9	92.8	1424	1408	1381
8	2	9	68.5	1340	1972	-
9	3	9	84	1607	1663	1270
10	2	9	70.8	1468	1760	-
11	2	9	73.1	1869	1515	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_18

Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	11	68.8	1504	1973	-
2	3	11	94.2	1920	1299	1467
3	2	11	82.7	1003	1351	-
4	2	11	74.8	1597	1457	-
5	1	11	58.9	1874	-	-
6	3	11	96.5	1838	1708	1328
7	3	11	87.3	1405	1271	1687
8	2	11	72.4	1200	1433	-
9	1	11	51.3	1475	-	-
10	3	11	86.8	1159	1652	1942
11	1	11	50.4	1056	-	-
12	3	11	97	1884	1876	1415
13	1	11	50.1	1519	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_19

Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	8	91.9	1301	1337	1645
2	2	8	67.2	1983	1040	-
3	1	8	65.5	1671	-	-
4	2	8	72.8	1489	1016	-
5	3	8	90.5	1552	1180	1064
6	2	8	81.6	1807	1853	-
7	3	8	86	1312	1905	1278
8	3	8	89.6	1152	1068	1832
9	1	8	62.1	1119	-	-
10	1	8	58	1234	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_20

Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	73.8	1071	1915	-
2	3	5	89.5	1294	1450	1025
3	2	5	81.2	1144	1146	-
4	1	5	59	1041	-	-
5	3	5	87.5	1096	1941	1018
6	2	5	76.7	1667	1947	-
7	1	5	56.5	1573	-	-
8	3	5	89	1033	1391	1304
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	83.1	1762	1058	-
2	1	12	50	1739	-	-
3	1	12	52.6	1055	-	-
4	1	12	58.2	1704	-	-
5	3	12	84.6	1226	1177	1886
6	2	12	68.3	1269	1851	-
7	2	12	80.6	1814	1074	-
8	1	12	59.5	1009	-	-
9	1	12	53.4	1417	-	-
10	1	12	59.1	1431	-	-
11	2	12	74.8	1002	1394	-
12	3	12	85	1670	1755	1158
13	3	12	85.3	1307	1560	1078
14	1	12	61.9	1197	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 17

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	17	70.8	1022	1015	-
2	1	17	52.9	1483	-	-
3	3	17	86	1524	1308	1287
4	2	17	78.4	1821	1406	-
5	3	17	93.3	1991	1966	1290
6	2	17	70	1858	1471	-
7	2	17	78.1	1507	1705	-
8	1	17	52.4	1060	-	-
9	3	17	84.8	1859	1839	1993
10	3	17	83.5	1150	1492	1443
11	1	17	56.7	1208	-	-
12	3	17	86.2	1674	1125	1053
13	1	17	58.8	1436	-	-
14	3	17	85.4	1686	1509	1577
15	2	17	77.7	1297	1298	-
16	3	17	87.4	1649	1894	1075
17	3	17	99.8	1185	1167	1616
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_23

Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	95.7	1353	1813	1028
2	3	10	94.9	1735	1994	1084
3	3	10	97.9	1354	1792	1418
4	2	10	67.4	1348	1008	-
5	3	10	96.9	1916	1425	1283
6	3	10	97.6	1384	1050	1569
7	3	10	83.6	1231	1219	1194
8	2	10	82.6	1128	1346	-
9	3	10	97.2	1142	1769	1173
10	3	10	92.3	1181	1164	1458
11	2	10	80.9	1222	1756	-
12	2	10	78.1	1190	1999	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_24

Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	76.9	1564	1767	-
2	1	5	64.7	1437	-	-
3	2	5	77.1	1046	1944	-
4	2	5	72.7	1440	1374	-
5	1	5	61.9	1035	-	-
6	2	5	68.6	1205	1892	-
7	2	5	78.3	1047	1273	-
8	2	5	73.1	1426	1863	-
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