

<Statistical Performance Check>**Modulation Mode: 802.11ax HE20 (Band 2)**

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	29	97%	60%	Pass
2	30	26	87%	60%	Pass
3	30	28	93%	60%	Pass
4	30	23	77%	60%	Pass
Average			88%	80%	Pass
5	30	30	100%	80%	Pass
6	30	30	100%	70%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	97%

Type 2 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	1
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	0
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	1
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	0
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	0
26	1.1	206	23	4738	1
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	1
30	4.2	159	28	4452	0
Detection Percentage				Limit >60%	87%

Type 3 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	0
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	0
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	1
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	93%

Type 4 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	0
2	11.3	487	12	5844	0
3	13.5	344	13	4472	1
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	1
8	14.3	443	13	5759	0
9	15.8	439	14	6146	1
10	11.5	223	12	2676	1
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	1
14	13.8	323	13	4199	0
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	0
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	0
24	15.3	278	14	3892	0
25	14.5	317	13	4121	1
26	11.3	260	12	3120	1
27	17.3	211	15	3165	1
28	19.2	272	16	4352	1
29	14.2	264	13	3432	1
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	77%

Type 5 Radar Statistical Performance

Trial Number	Number of Bursts	Burst Period(s)	Waveform Length(s)	Center Frequency (GHz)	1=Detection Blank=No Detection
1	15	0.8	12	5.32	1
2	8	1.5	12	5.32	1
3	11	1.0909091	12	5.32	1
4	20	0.6	12	5.32	1
5	17	0.7058824	12	5.32	1
6	14	0.8571429	12	5.32	1
7	15	0.8	12	5.32	1
8	12	1	12	5.32	1
9	14	0.8571429	12	5.32	1
10	8	1.5	12	5.32	1
11	17	0.7058824	12	5.317	1
12	19	0.6315789	12	5.318	1
13	15	0.8	12	5.315	1
14	12	1	12	5.314	1
15	19	0.6315789	12	5.317	1
16	14	0.8571429	12	5.315	1
17	20	0.6	12	5.318	1
18	12	1	12	5.314	1
19	14	0.8571429	12	5.315	1
20	12	1	12	5.314	1
21	16	0.75	12	5.324	1
22	12	1	12	5.326	1
23	20	0.6	12	5.322	1
24	14	0.8571429	12	5.325	1
25	13	0.9230769	12	5.325	1
26	8	1.5	12	5.328	1
27	17	0.7058824	12	5.323	1
28	19	0.6315789	12	5.322	1
29	12	1	12	5.326	1
30	18	0.6666667	12	5.323	1
Detection Percentage				Limit >80%	100%

Type 6 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

Modulation Mode: 802.11ax HE20 (Band 3)

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	29	97%	60%	Pass
2	30	25	83%	60%	Pass
3	30	25	83%	60%	Pass
4	30	22	73%	60%	Pass
Average			84%	80%	Pass
5	30	30	100%	80%	Pass
6	30	28	93%	70%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	0
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	97%

Type 2 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	0
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	1
9	3.1	164	26	4264	1
10	1.2	156	23	3588	0
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	0
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	0
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	0
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	83%

Type 3 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	0
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	0
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	0
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	0
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	0
Detection Percentage				Limit >60%	83%

Type 4 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	1
3	13.5	344	13	4472	0
4	19.4	288	16	4608	1
5	17.5	230	15	3450	0
6	15.3	432	14	6048	1
7	15.9	207	14	2898	0
8	14.3	443	13	5759	1
9	15.8	439	14	6146	1
10	11.5	223	12	2676	1
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	1
14	13.8	323	13	4199	0
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	0
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	1
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	1
24	15.3	278	14	3892	1
25	14.5	317	13	4121	0
26	11.3	260	12	3120	1
27	17.3	211	15	3165	1
28	19.2	272	16	4352	0
29	14.2	264	13	3432	1
30	18.2	284	15	4260	0
Detection Percentage				Limit >60%	73%

Type 5 Radar Statistical Performance

Trial Number	Number of Bursts	Burst Period(s)	Waveform Length(s)	Center Frequency (GHz)	1=Detection Blank=No Detection
1	15	0.8	12	5.5	1
2	8	1.5	12	5.5	1
3	11	1.090909091	12	5.5	1
4	20	0.6	12	5.5	1
5	17	0.705882353	12	5.5	1
6	14	0.857142857	12	5.5	1
7	15	0.8	12	5.5	1
8	12	1	12	5.5	1
9	14	0.857142857	12	5.5	1
10	8	1.5	12	5.5	1
11	17	0.705882353	12	5.5048	1
12	19	0.631578947	12	5.508	1
13	15	0.8	12	5.5028	1
14	12	1	12	5.5052	1
15	19	0.631578947	12	5.5072	1
16	14	0.857142857	12	5.5052	1
17	20	0.6	12	5.5068	1
18	12	1	12	5.5064	1
19	14	0.857142857	12	5.5024	1
20	12	1	12	5.5068	1
21	16	0.75	12	5.4952	1
22	12	1	12	5.4944	1
23	20	0.6	12	5.4948	1
24	14	0.857142857	12	5.498	1
25	13	0.923076923	12	5.4924	1
26	8	1.5	12	5.496	1
27	17	0.705882353	12	5.494	1
28	19	0.631578947	12	5.4936	1
29	12	1	12	5.498	1
30	18	0.666666667	12	5.494	1
Detection Percentage				Limit >80%	100%

Type 6 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	0
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	0
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	93%

Modulation Mode: 802.11ax HE40 (Band 2)

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	28	93%	60%	Pass
2	30	25	83%	60%	Pass
3	30	27	90%	60%	Pass
4	30	21	70%	60%	Pass
Average			84%	80%	Pass
5	30	30	100%	80%	Pass
6	30	30	100%	70%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	0
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	93%

Type 2 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	0
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	0
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	1
9	3.1	164	26	4264	0
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	1
15	4.5	163	29	4727	0
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	1
27	3.8	155	27	4185	1
28	4.7	157	29	4553	0
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	83%

Type 3 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	0
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	1
20	7.3	409	16	6544	0
21	8.7	373	18	6714	1
22	7.2	254	16	4064	0
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	90%

Type 4 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	1
3	13.5	344	13	4472	0
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	1
8	14.3	443	13	5759	0
9	15.8	439	14	6146	1
10	11.5	223	12	2676	0
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	0
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	0
21	17.1	373	15	5595	1
22	13.8	254	13	3302	0
23	19.8	274	16	4384	1
24	15.3	278	14	3892	1
25	14.5	317	13	4121	1
26	11.3	260	12	3120	0
27	17.3	211	15	3165	1
28	19.2	272	16	4352	0
29	14.2	264	13	3432	0
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	70%

Type 5 Radar Statistical Performance

Trial Number	Number of Bursts	Burst Period(s)	Waveform Length(s)	Center Frequency (GHz)	1=Detection Blank=No Detection
1	15	0.8	12	5.31	1
2	8	1.5	12	5.31	1
3	11	1.090909	12	5.31	1
4	20	0.6	12	5.31	1
5	17	0.705882	12	5.31	1
6	14	0.857143	12	5.31	1
7	15	0.8	12	5.31	1
8	12	1	12	5.31	1
9	14	0.857143	12	5.31	1
10	8	1.5	12	5.31	1
11	17	0.705882	12	5.297	1
12	19	0.631579	12	5.298	1
13	15	0.8	12	5.296	1
14	12	1	12	5.295	1
15	19	0.631579	12	5.298	1
16	14	0.857143	12	5.296	1
17	20	0.6	12	5.299	1
18	12	1	12	5.295	1
19	14	0.857143	12	5.296	1
20	12	1	12	5.295	1
21	16	0.75	12	5.323	1
22	12	1	12	5.326	1
23	20	0.6	12	5.321	1
24	14	0.857143	12	5.324	1
25	13	0.923077	12	5.325	1
26	8	1.5	12	5.327	1
27	17	0.705882	12	5.323	1
28	19	0.631579	12	5.322	1
29	12	1	12	5.325	1
30	18	0.666667	12	5.322	1
Detection Percentage				Limit >80%	100%

Type 6 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

Modulation Mode: 802.11ax HE40 (Band 3)

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	27	90%	60%	Pass
2	30	24	80%	60%	Pass
3	30	27	90%	60%	Pass
4	30	22	73%	60%	Pass
Average			83%	80%	Pass
5	30	30	100%	80%	Pass
6	30	29	97%	70%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	0
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	0
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	90%

Type 2 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	1
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	0
7	3.2	204	26	5304	1
8	2.5	192	25	4800	0
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	0
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	0
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	0
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	0
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	80%

Type 3 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	0
19	7.9	349	17	5933	1
20	7.3	409	16	6544	1
21	8.7	373	18	6714	0
22	7.2	254	16	4064	1
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	0
Detection Percentage				Limit >60%	90%

Type 4 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	1
3	13.5	344	13	4472	1
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	1
8	14.3	443	13	5759	0
9	15.8	439	14	6146	1
10	11.5	223	12	2676	0
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	0
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	0
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	1
24	15.3	278	14	3892	0
25	14.5	317	13	4121	0
26	11.3	260	12	3120	1
27	17.3	211	15	3165	0
28	19.2	272	16	4352	0
29	14.2	264	13	3432	1
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	73%

Type 5 Radar Statistical Performance

Trial Number	Number of Bursts	Burst Period(s)	Waveform Length(s)	Center Frequency (GHz)	1=Detection Blank=No Detection
1	15	0.8	12	5.51	1
2	8	1.5	12	5.51	1
3	11	1.090909	12	5.51	1
4	20	0.6	12	5.51	1
5	17	0.705882	12	5.51	1
6	14	0.857143	12	5.51	1
7	15	0.8	12	5.51	1
8	12	1	12	5.51	1
9	14	0.857143	12	5.51	1
10	8	1.5	12	5.51	1
11	17	0.705882	12	5.497	1
12	19	0.631579	12	5.499	1
13	15	0.8	12	5.496	1
14	12	1	12	5.495	1
15	19	0.631579	12	5.498	1
16	14	0.857143	12	5.496	1
17	20	0.6	12	5.499	1
18	12	1	12	5.495	1
19	14	0.857143	12	5.496	1
20	12	1	12	5.495	1
21	16	0.75	12	5.523	1
22	12	1	12	5.525	1
23	20	0.6	12	5.521	1
24	14	0.857143	12	5.524	1
25	13	0.923077	12	5.525	1
26	8	1.5	12	5.527	1
27	17	0.705882	12	5.523	1
28	19	0.631579	12	5.521	1
29	12	1	12	5.525	1
30	18	0.666667	12	5.522	1
Detection Percentage				Limit >80%	100%

Type 6 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	0
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	97%

Modulation Mode: 802.11ax HE80 (Band 2)

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	29	97%	60%	Pass
2	30	26	87%	60%	Pass
3	30	27	90%	60%	Pass
4	30	23	77%	60%	Pass
Average			88%	80%	Pass
5	30	30	100%	80%	Pass
6	30	30	100%	70%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	97%

Type 2 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	0
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	0
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	1
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	0
18	2.4	217	25	5425	1
19	2.9	191	26	4966	0
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	1
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	87%

Type 3 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	0
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	0
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	1
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	1
23	9.9	274	18	4932	1
24	7.9	278	17	4726	0
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	90%

Type 4 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	1
3	13.5	344	13	4472	1
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	0
8	14.3	443	13	5759	1
9	15.8	439	14	6146	0
10	11.5	223	12	2676	1
11	17.4	208	15	3120	0
12	19	463	16	7408	1
13	16	441	14	6174	0
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	0
20	13.8	409	13	5317	1
21	17.1	373	15	5595	0
22	13.8	254	13	3302	1
23	19.8	274	16	4384	1
24	15.3	278	14	3892	1
25	14.5	317	13	4121	1
26	11.3	260	12	3120	1
27	17.3	211	15	3165	1
28	19.2	272	16	4352	1
29	14.2	264	13	3432	1
30	18.2	284	15	4260	0
Detection Percentage				Limit >60%	77%

Type 5 Radar Statistical Performance

Trial Number	Number of Bursts	Burst Period(s)	Waveform Length(s)	Center Frequency (GHz)	1=Detection Blank=No Detection
1	15	0.8	12	5.29	1
2	8	1.5	12	5.29	1
3	11	1.0909091	12	5.29	1
4	20	0.6	12	5.29	1
5	17	0.7058824	12	5.29	1
6	14	0.8571429	12	5.29	1
7	15	0.8	12	5.29	1
8	12	1	12	5.29	1
9	14	0.8571429	12	5.29	1
10	8	1.5	12	5.29	1
11	17	0.7058824	12	5.258	1
12	19	0.6315789	12	5.259	1
13	15	0.8	12	5.256	1
14	12	1	12	5.255	1
15	19	0.6315789	12	5.258	1
16	14	0.8571429	12	5.256	1
17	20	0.6	12	5.259	1
18	12	1	12	5.255	1
19	14	0.8571429	12	5.256	1
20	12	1	12	5.255	1
21	16	0.75	12	5.323	1
22	12	1	12	5.325	1
23	20	0.6	12	5.321	1
24	14	0.8571429	12	5.324	1
25	13	0.9230769	12	5.324	1
26	8	1.5	12	5.327	1
27	17	0.7058824	12	5.322	1
28	19	0.6315789	12	5.321	1
29	12	1	12	5.325	1
30	18	0.6666667	12	5.322	1
Detection Percentage				Limit >80%	100%

Type 6 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

Prüfbericht - Nr.: CN21BZ5K(P15E-WiFi) 001
Test Report No.**Seite 108 von 120**
Page 108 of 120**Modulation Mode: 802.11ax HE80 (Band 3)**

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	28	93%	60%	Pass
2	30	24	80%	60%	Pass
3	30	26	87%	60%	Pass
4	30	23	77%	60%	Pass
Average			84%	80%	Pass
5	30	26	87%	80%	Pass
6	30	30	100%	70%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	0
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	93%

Type 2 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	1
2	1.1	207	23	4761	1
3	2.1	230	24	5520	0
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	1
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	0
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	0
22	2.2	176	25	4400	0
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	1
27	3.8	155	27	4185	0
28	4.7	157	29	4553	0
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	80%

Type 3 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	0
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	1
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	0
23	9.9	274	18	4932	0
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	0
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	87%

Type 4 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	0
3	13.5	344	13	4472	1
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	1
8	14.3	443	13	5759	1
9	15.8	439	14	6146	1
10	11.5	223	12	2676	1
11	17.4	208	15	3120	1
12	19	463	16	7408	0
13	16	441	14	6174	0
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	0
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	0
24	15.3	278	14	3892	1
25	14.5	317	13	4121	1
26	11.3	260	12	3120	0
27	17.3	211	15	3165	0
28	19.2	272	16	4352	1
29	14.2	264	13	3432	1
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	77%

Type 5 Radar Statistical Performance

Trial Number	Number of Bursts	Burst Period(s)	Waveform Length(s)	Center Frequency (GHz)	1=Detection Blank=No Detection
1	15	0.8	12	5.53	1
2	8	1.5	12	5.53	1
3	11	1.0909091	12	5.53	1
4	20	0.6	12	5.53	1
5	17	0.7058824	12	5.53	1
6	14	0.8571429	12	5.53	1
7	15	0.8	12	5.53	1
8	12	1	12	5.53	1
9	14	0.8571429	12	5.53	1
10	8	1.5	12	5.53	1
11	17	0.7058824	12	5.498	1
12	19	0.6315789	12	5.499	1
13	15	0.8	12	5.496	1
14	12	1	12	5.495	1
15	19	0.6315789	12	5.498	1
16	14	0.8571429	12	5.496	1
17	20	0.6	12	5.499	1
18	12	1	12	5.495	1
19	14	0.8571429	12	5.496	1
20	12	1	12	5.495	1
21	16	0.75	12	5.563	0
22	12	1	12	5.565	1
23	20	0.6	12	5.561	1
24	14	0.8571429	12	5.564	1
25	13	0.9230769	12	5.564	1
26	8	1.5	12	5.567	1
27	17	0.7058824	12	5.562	0
28	19	0.6315789	12	5.561	0
29	12	1	12	5.565	1
30	18	0.6666667	12	5.562	0
Detection Percentage				Limit >80%	87%

Type 6 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

Prüfbericht - Nr.: CN21BZ5K(P15E-WiFi) 001
Test Report No.
Seite 115 von 120
Page 115 of 120
Modulation Mode: TDWR 802.11ax HE20 (Band 3)

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	29	97%	60%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	97%

Modulation Mode: TDWR 802.11ax HE40 (Band 3)

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	28	93%	60%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	0
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	93%

Prüfbericht - Nr.: CN21BZ5K(P15E-WiFi) 001
Test Report No.
Seite 117 von 120
Page 117 of 120
Modulation Mode: TDWR 802.11ax HE80 (Band 3)

Radar Type	Number of Trials	Number of Successful Detections	Probability	Limit	Result
1	30	28	93%	60%	Pass

Type 1 Radar Statistical Performance

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	0
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	0
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1

Prüfbericht - Nr.: CN21BZ5K(P15E-WiFi) 001
Test Report No.

Seite 118 von 120
Page 118 of 120

27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	93%

5.2 Mains Emission

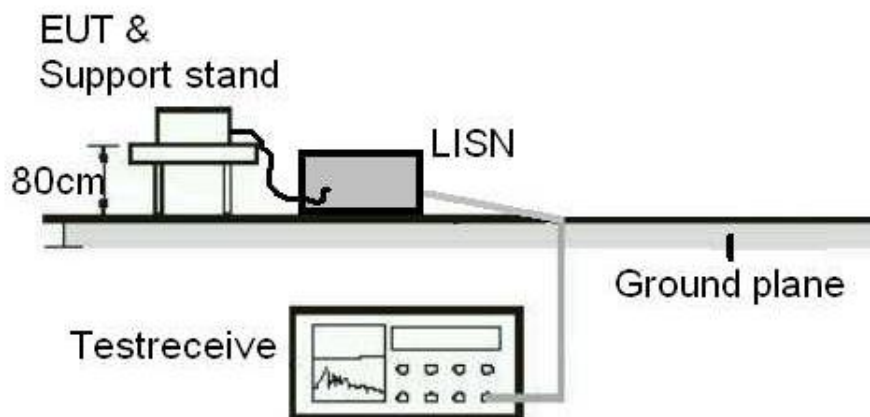
5.2.1 Mains Conducted Emission

Limit

Mains Conducted emissions as defined in §15.207 must comply with the mains conducted emission limits.

Kind of Test Site Shielded room

Test Setup



Test Instruments

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
RF Cable	N/A	N/A	EMC-003	2021/03/16	2022/03/15
Two-Line V-Network	Rohde & Schwarz	ENV216	101938	2021/09/23	2022/09/22
EMI Test Receiver	R&S	ESCI	1816063	2021/11/15	2022/11/14

Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50 uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz – 30 MHz.

Test Results

Please refer to Appendix B.