

6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME WLAN TRAFFIC

TX (11a Mode)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Pass times	Fail times	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 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	$\text{Roundup} \left\{ \frac{1}{360} \cdot \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right\}$	27	3	90
2	1-5	150-230	23-29	26	4	87
3	6-10	200-500	16-18	27	3	90
4	11-20	200-500	12-16	27	3	90
Aggregate (Radar Types 1-4)			-	107	13	89

Table 2: Long Pulse Radar Test Waveform

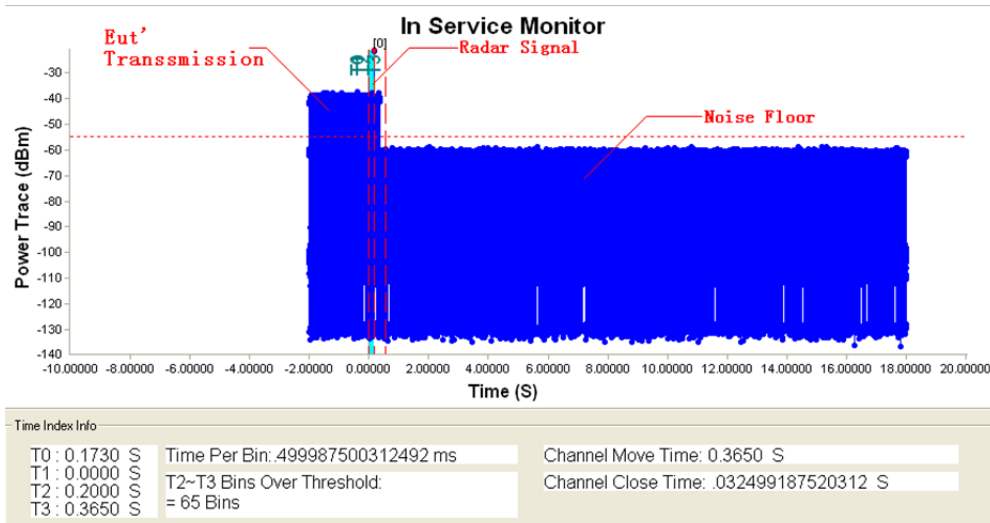
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses Per Burst	Number of Bursts	Pass times	Fail times	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	28	2	93

Table 3: Frequency Hopping Radar Test Waveform

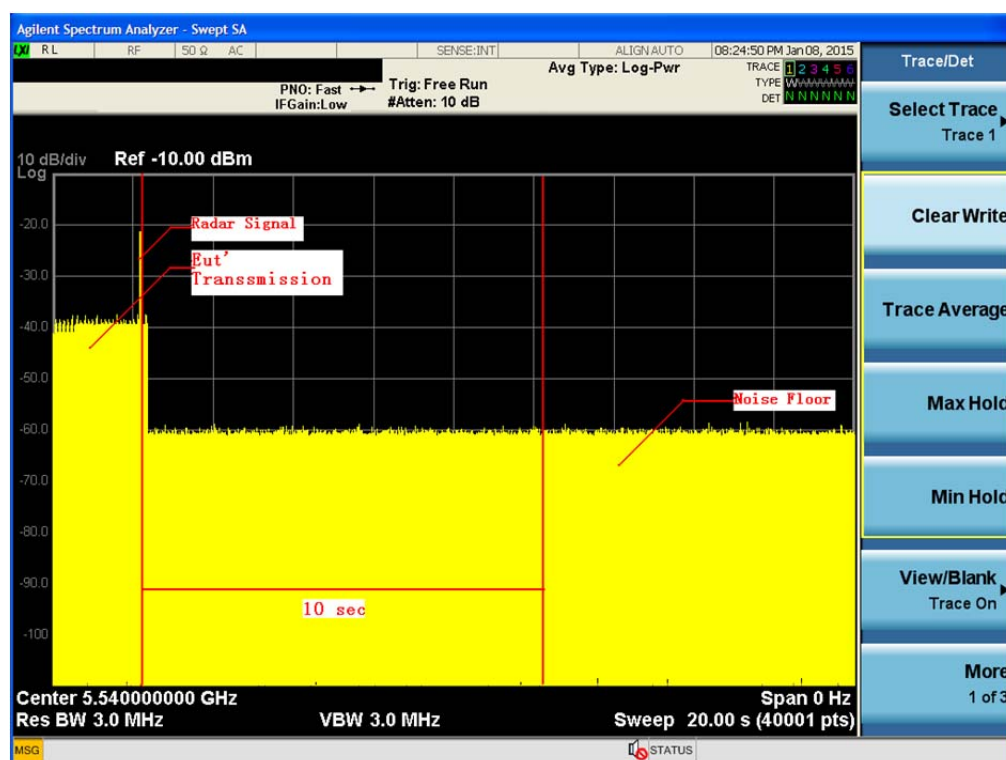
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	27	3	90

TX (11a Mode)

Radar signal 0



Note: T0 denotes the start of Channel Move Time upon the end of the last Radar burst.
T1 denotes the data transmission time of 200ms from T0.
T2 denotes the end of Channel Move Time.
T3 denotes the 10 second from T0 to observe the aggregate duration of transmissions.



Note: An expanded plot for the device vacates the channel in the required 500ms

TX (11a Mode)

Radar1 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	68	1.0u	778	YES
2	58	1.0u	918	YES
3	76	1.0u	698	YES
4	18	1.0u	3066	NO
5	81	1.0u	658	YES
6	76	1.0u	698	YES
7	59	1.0u	898	YES
8	65	1.0u	818	YES
9	18	1.0u	3066	NO
10	95	1.0u	558	YES
11	61	1.0u	878	YES
12	74	1.0u	718	YES
13	76	1.0u	698	YES
14	59	1.0u	898	YES
15	86	1.0u	618	YES
16	26	1.0u	2043	YES
17	52	1.0u	1026	YES
18	47	1.0u	1140	YES
19	18	1.0u	2995	YES
20	20	1.0u	2761	YES
21	30	1.0u	1817	YES
22	24	1.0u	2273	YES
23	22	1.0u	2421	YES
24	81	1.0u	656	YES
25	55	1.0u	969	YES
26	22	1.0u	2501	YES
27	46	1.0u	1168	YES
28	52	1.0u	1018	NO
29	19	1.0u	2880	YES
30	31	1.0u	1739	YES
				Detection Rate : 90 %

Radar2 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	24	3.4	173	YES
2	29	4.8	182	YES
3	29	2.4	211	YES
4	26	1.8	168	YES
5	25	2.6	175	NO
6	29	4.1	185	YES
7	23	1.3	156	YES
8	24	2.2	154	YES
9	26	4	199	NO
10	23	4.7	217	YES
11	25	3.7	161	YES
12	29	1.3	170	YES
13	29	1.4	159	YES
14	25	3.9	193	NO
15	27	1.2	159	YES
16	24	1.4	174	YES
17	25	2.6	180	YES
18	29	2.4	158	YES
19	25	3.7	208	YES
20	27	3.2	177	YES
21	23	2.6	172	YES
22	25	1.1	172	YES
23	29	1.6	183	YES
24	28	3.1	188	YES
25	29	3.8	230	YES
26	29	4.8	213	YES
27	25	2.1	198	YES
28	24	2.9	211	NO
29	25	2.2	213	YES
30	24	2	221	YES
				Detection Rate 87%

Radar3 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(s)	PRI(us)	Detection(YES / No)
1	16	9.8	408	YES
2	17	9.5	390	YES
3	18	8.9	303	YES
4	16	6.5	346	YES
5	16	8.2	375	YES
6	16	9.7	419	YES
7	18	8.3	306	YES
8	17	6.8	391	YES
9	18	6.3	439	NO
10	16	9.6	327	YES
11	16	10	262	YES
12	18	6.5	343	YES
13	16	6.9	496	YES
14	17	9.4	412	NO
15	16	8.6	416	YES
16	18	6.1	336	YES
17	18	7.9	315	YES
18	18	7.4	320	YES
19	18	6.7	334	YES
20	18	8.2	500	YES
21	16	7.9	499	YES
22	16	7.7	268	NO
23	16	7.7	496	YES
24	16	8.7	287	YES
25	16	7.1	434	YES
26	18	9.4	250	YES
27	16	6	290	YES
28	18	7.7	470	YES
29	17	8.8	488	YES
30	17	6.3	478	YES
Detection Rate 90%				

Radar4 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	12	18.2	474	YES
2	12	19.1	274	YES
3	14	15.7	288	YES
4	16	16.7	376	YES
5	15	15.3	392	YES
6	15	17.1	361	NO
7	15	17.8	303	YES
8	12	17.8	313	YES
9	13	12.7	252	YES
10	13	11.9	290	YES
11	14	11.5	472	YES
12	16	19.8	431	YES
13	16	19.8	431	NO
14	13	19.9	447	YES
15	16	15.5	439	YES
16	14	14.9	263	YES
17	16	17.7	297	YES
18	15	14.2	449	YES
19	13	11.7	253	YES
20	13	16.1	428	YES
21	14	11.7	427	NO
22	15	18.4	472	YES
23	15	20	254	YES
24	15	11.3	474	YES
25	14	17.5	343	YES
26	13	18.8	291	YES
27	14	19.6	394	YES
28	13	19.1	367	YES
29	114	18.8	441	YES
30	15	16.5	326	YES
Detection Rate 90%				

Radar5 Statical Performances		
Trial #	Test Signal name	Detection(YES / No)
1	LP_Signal_01	YES
2	LP_Signal_02	YES
3	LP_Signal_03	YES
4	LP_Signal_04	YES
5	LP_Signal_05	YES
6	LP_Signal_06	YES
7	LP_Signal_07	YES
8	LP_Signal_08	NO
9	LP_Signal_09	YES
10	LP_Signal_10	YES
11	LP_Signal_11	YES
12	LP_Signal_12	YES
13	LP_Signal_13	YES
14	LP_Signal_14	YES
15	LP_Signal_15	YES
16	LP_Signal_16	YES
17	LP_Signal_17	YES
18	LP_Signal_18	NO
19	LP_Signal_19	YES
20	LP_Signal_20	YES
21	LP_Signal_21	YES
22	LP_Signal_22	YES
23	LP_Signal_23	YES
24	LP_Signal_24	YES
25	LP_Signal_25	YES
26	LP_Signal_26	YES
27	LP_Signal_27	YES
28	LP_Signal_28	YES
29	LP_Signal_29	YES
30	LP_Signal_30	YES
		Detection Rate 93%

Radar6 Statical Performances		
Trial #	Hoping Frequency Sequence Name	Detection(YES / No)
1	HOP_FREQ_SEQ_01	YES
2	HOP_FREQ_SEQ_02	YES
3	HOP_FREQ_SEQ_03	YES
4	HOP_FREQ_SEQ_04	YES
5	HOP_FREQ_SEQ_05	NO
6	HOP_FREQ_SEQ_06	YES
7	HOP_FREQ_SEQ_07	YES
8	HOP_FREQ_SEQ_08	YES
9	HOP_FREQ_SEQ_09	YES
10	HOP_FREQ_SEQ_10	YES
11	HOP_FREQ_SEQ_11	YES
12	HOP_FREQ_SEQ_12	NO
13	HOP_FREQ_SEQ_13	YES
14	HOP_FREQ_SEQ_14	YES
15	HOP_FREQ_SEQ_15	YES
16	HOP_FREQ_SEQ_16	YES
17	HOP_FREQ_SEQ_17	YES
18	HOP_FREQ_SEQ_18	YES
19	HOP_FREQ_SEQ_19	YES
20	HOP_FREQ_SEQ_20	YES
21	HOP_FREQ_SEQ_21	YES
22	HOP_FREQ_SEQ_22	YES
23	HOP_FREQ_SEQ_23	YES
24	HOP_FREQ_SEQ_24	YES
25	HOP_FREQ_SEQ_25	NO
26	HOP_FREQ_SEQ_26	YES
27	HOP_FREQ_SEQ_27	YES
28	HOP_FREQ_SEQ_28	YES
29	HOP_FREQ_SEQ_29	YES
30	HOP_FREQ_SEQ_30	YES
		Detection Rate 90%

TX (11n 40MHz Mode)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Pass times	Fail times	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 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	$\text{Roundup} \left(\frac{1}{360} \cdot 19 \cdot 10^6 \cdot \text{PRI}_{\mu\text{sec}} \right)$	28	2	93
2	1-5	150-230	23-29	27	3	90
3	6-10	200-500	16-18	27	3	90
4	11-20	200-500	12-16	28	2	93
Aggregate (Radar Types 1-4)			-	110	10	92

Table 2: Long Pulse Radar Test Waveform

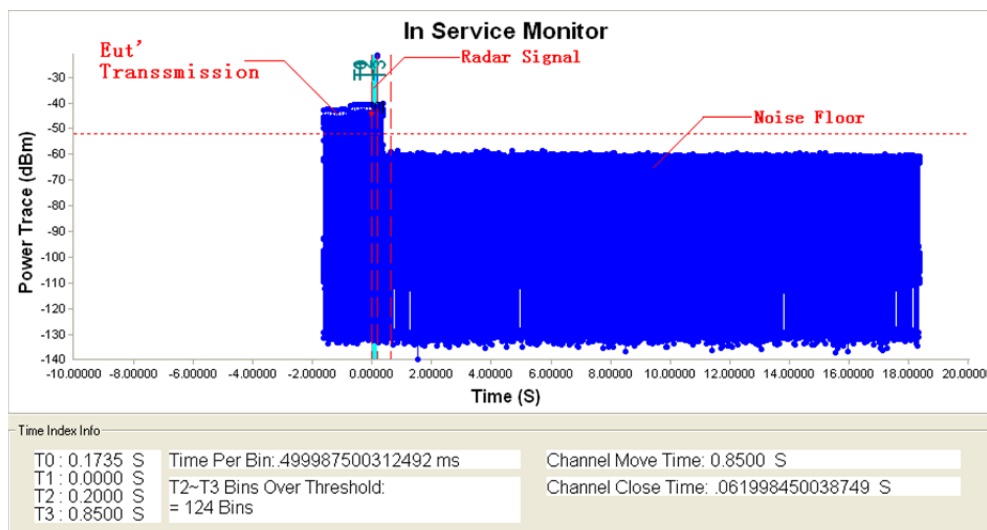
Rad ar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
5	1	333	9	0.333	300	28	2	93

Table 3: Frequency Hopping Radar Test Waveform

Rad ar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	28	2	93

TX (11n 40MHz Mode)

Radar signal 0



Note: T0 denotes the start of Channel Move Time upon the end of the last Radar burst.
T1 denotes the data transmission time of 200ms from T0.
T2 denotes the end of Channel Move Time.
T3 denotes the 10 second from T0 to observe the aggregate duration of transmissions.



Note: An expanded plot for the device vacates the channel in the required 500ms

TX (11n 40MHz Mode)

Radar1 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	76	1.0u	698	YES
2	86	1.0u	618	YES
3	83	1.0u	638	YES
4	57	1.0u	938	YES
5	76	1.0u	698	YES
6	68	1.0u	778	YES
7	99	1.0u	538	YES
8	99	1.0u	538	YES
9	74	1.0u	718	YES
10	102	1.0u	518	YES
11	70	1.0u	758	YES
12	76	1.0u	698	YES
13	74	1.0u	718	YES
14	89	1.0u	598	YES
15	102	1.0u	518	NO
16	22	1.0u	2457	YES
17	53	1.0u	1002	YES
18	19	1.0u	2783	YES
19	24	1.0u	2227	YES
20	19	1.0u	2848	YES
21	26	1.0u	2036	YES
22	21	1.0u	2579	YES
23	44	1.0u	1209	NO
24	66	1.0u	810	YES
25	18	1.0u	2986	YES
26	28	1.0u	1913	YES
27	69	1.0u	768	YES
28	42	1.0u	1263	YES
29	27	1.0u	1988	YES
30	19	1.0u	2853	YES
Detection Rate 93%				

Radar2 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	29	1.3	162	YES
2	28	2.5	219	YES
3	27	1.3	203	YES
4	23	2.3	172	YES
5	29	4.1	184	YES
6	25	4.5	190	YES
7	26	2.1	220	YES
8	24	1.5	204	YES
9	29	5	167	YES
10	28	1.5	174	YES
11	29	1.1	199	YES
12	25	3.8	185	NO
13	28	2.2	207	YES
14	29	3.6	229	YES
15	24	4.9	227	YES
16	23	1.6	197	YES
17	25	4.7	205	YES
18	23	2	203	YES
19	28	1.6	222	YES
20	27	1.3	194	NO
21	26	3.8	183	YES
22	29	3.7	154	YES
23	25	3.9	221	NO
24	28	3.1	175	YES
25	29	2.7	222	YES
26	23	3.7	160	YES
27	27	4.8	175	YES
28	23	2	218	YES
29	24	1.5	169	YES
30	26	1.4	192	YES
Detection Rate 90%				

Radar3 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(s)	PRI(us)	Detection(YES / No)
1	18	8.5u	445	YES
2	17	8.0u	442	YES
3	17	8.6u	414	YES
4	17	8.4u	409	YES
5	16	9.3u	398	YES
6	16	8.0u	364	YES
7	16	9.6u	386	YES
8	16	8.0u	258	YES
9	16	8.8u	445	YES
10	17	7.6u	310	YES
11	17	7.9u	481	YES
12	16	8.0u	268	YES
13	18	9.9u	463	YES
14	17	8.6u	225	YES
15	18	8.2u	477	YES
16	17	8.7u	240	YES
17	17	9.0u	213	YES
18	16	9.8u	480	YES
19	16	7.9u	436	YES
20	16	9.3u	269	YES
21	16	7.2u	431	YES
22	17	7.2u	330	YES
23	17	6.9u	452	YES
24	18	6.0u	488	YES
25	16	8.3u	388	YES
26	17	8.2u	443	YES
27	17	6.6u	408	YES
28	16	8.8u	350	YES
29	18	9.5u	480	YES
30	16	9.8u	216	NO
Detection Rate 90%				

Radar4 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	14	17.5u	405	YES
2	16	15.0u	463	YES
3	13	13.6u	330	YES
4	14	14.4u	410	YES
5	16	15.3u	398	YES
6	15	14.0u	365	YES
7	13	15.3u	367	NO
8	14	11.7u	319	YES
9	13	19.8u	274	YES
10	15	16.0u	377	YES
11	13	16.6u	463	YES
12	12	12.5u	445	YES
13	13	12.0u	445	YES
14	13	13.8u	405	YES
15	13	14.9u	409	YES
16	15	15.8u	436	YES
17	12	14.8u	447	YES
18	15	13.9u	400	YES
19	12	16.0u	481	YES
20	12	17.0u	496	YES
21	12	15.8u	463	YES
22	13	14.6u	445	YES
23	16	17.0u	442	NO
24	12	14.0u	485	YES
25	13	14.0u	260	YES
26	16	15.6u	280	YES
27	15	17.0u	450	YES
28	13	19.3u	330	YES
29	13	18.5u	470	YES
30	13	20.0u	335	YES
Detection Rate 93%				

Radar5 Statical Performances		
Trial #	Test Signal name	Detection(YES / No)
1	LP_Signal_01	YES
2	LP_Signal_02	YES
3	LP_Signal_03	YES
4	LP_Signal_04	YES
5	LP_Signal_05	YES
6	LP_Signal_06	YES
7	LP_Signal_07	YES
8	LP_Signal_08	YES
9	LP_Signal_09	YES
10	LP_Signal_10	NO
11	LP_Signal_11	YES
12	LP_Signal_12	YES
13	LP_Signal_13	YES
14	LP_Signal_14	YES
15	LP_Signal_15	YES
16	LP_Signal_16	YES
17	LP_Signal_17	YES
18	LP_Signal_18	YES
19	LP_Signal_19	YES
20	LP_Signal_20	YES
21	LP_Signal_21	YES
22	LP_Signal_22	YES
23	LP_Signal_23	NO
24	LP_Signal_24	YES
25	LP_Signal_25	YES
26	LP_Signal_26	YES
27	LP_Signal_27	YES
28	LP_Signal_28	YES
29	LP_Signal_29	YES
30	LP_Signal_30	YES
Detection Rate 93%		

Radar6 Statical Performances		
Trial #	Hoping Frequency Sequence Name	Detection(YES / No)
1	HOP_FREQ_SEQ_01	YES
2	HOP_FREQ_SEQ_02	YES
3	HOP_FREQ_SEQ_03	YES
4	HOP_FREQ_SEQ_04	YES
5	HOP_FREQ_SEQ_05	NO
6	HOP_FREQ_SEQ_06	YES
7	HOP_FREQ_SEQ_07	YES
8	HOP_FREQ_SEQ_08	YES
9	HOP_FREQ_SEQ_09	YES
10	HOP_FREQ_SEQ_10	YES
11	HOP_FREQ_SEQ_11	YES
12	HOP_FREQ_SEQ_12	YES
13	HOP_FREQ_SEQ_13	YES
14	HOP_FREQ_SEQ_14	YES
15	HOP_FREQ_SEQ_15	NO
16	HOP_FREQ_SEQ_16	YES
17	HOP_FREQ_SEQ_17	YES
18	HOP_FREQ_SEQ_18	YES
19	HOP_FREQ_SEQ_19	YES
20	HOP_FREQ_SEQ_20	YES
21	HOP_FREQ_SEQ_21	YES
22	HOP_FREQ_SEQ_22	YES
23	HOP_FREQ_SEQ_23	YES
24	HOP_FREQ_SEQ_24	YES
25	HOP_FREQ_SEQ_25	YES
26	HOP_FREQ_SEQ_26	YES
27	HOP_FREQ_SEQ_27	YES
28	HOP_FREQ_SEQ_28	YES
29	HOP_FREQ_SEQ_29	YES
30	HOP_FREQ_SEQ_30	YES
Detection Rate 93%		

TX (11ac 80MHz Mode)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Pass times	Fail times	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 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	$\text{Roundup} \left(\frac{1}{360} \cdot 19 \cdot 10^6 \cdot \text{PRI}_{\mu\text{sec}} \right)$	28	2	93
2	1-5	150-230	23-29	26	4	87
3	6-10	200-500	16-18	27	3	90
4	11-20	200-500	12-16	27	3	90
Aggregate (Radar Types 1-4)			-	28	2	93

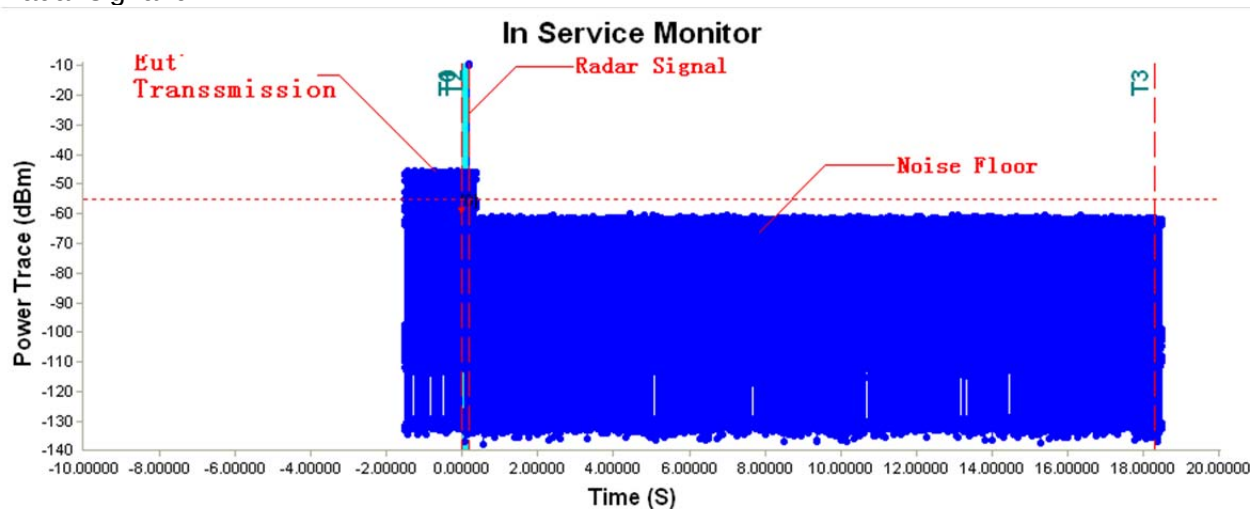
Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses Per Burst	Number of Bursts	Pass times	Fail times	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	28	2	93

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	28	2	93

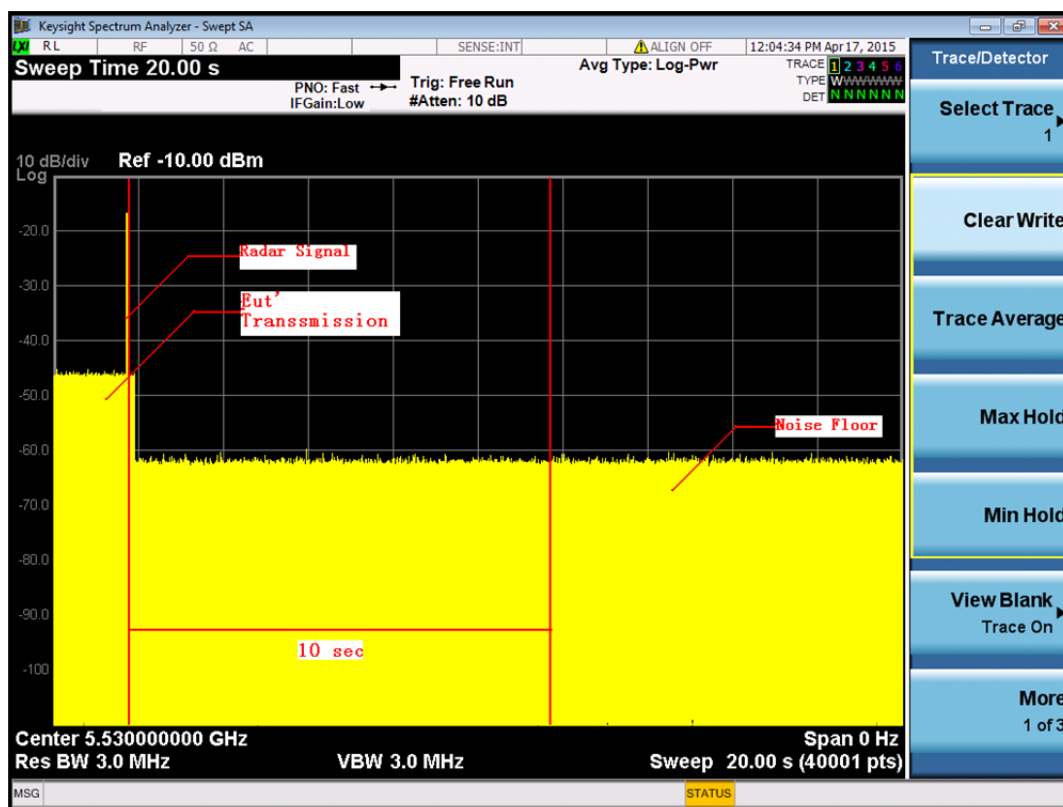
TX (11ac 80MHz Mode)
Radar signal 0



Time Index Info

T0: 0.1715 S	Time Per Bin: 499987500312492 ms	Channel Move Time: 18.4690 S
T1: 0.0000 S	T2~T3 Bins Over Threshold: = 54 Bins	Channel Close Time: 2.69993250168746E-02 S
T2: 0.2000 S		
T3: 18.4690 S		

Note: T0 denotes the start of Channel Move Time upon the end of the last Radar burst.
T1 denotes the data transmission time of 200ms from T0.
T2 denotes the end of Channel Move Time.
T3 denotes the 10 second from T0 to observe the aggregate duration of transmissions.



Note: An expanded plot for the device vacates the channel in the required 500ms

TX (11n 40MHz Mode)

Radar1 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	89	1.0u	598	YES
2	74	1.0u	718	YES
3	92	1.0u	578	YES
4	76	1.0u	698	YES
5	18	1.0u	3066	YES
6	62	1.0u	858	YES
7	18	1.0u	3066	NO
8	81	1.0u	658	YES
9	18	1.0u	3066	YES
10	83	1.0u	638	YES
11	99	1.0u	538	YES
12	76	1.0u	698	YES
13	92	1.0u	578	YES
14	63	1.0u	838	YES
15	58	1.0u	918	YES
16	27	1.0u	1988	NO
17	18	1.0u	3043	YES
18	38	1.0u	1393	YES
19	34	1.0u	1589	YES
20	23	1.0u	2308	YES
21	25	1.0u	2133	YES
22	34	1.0u	1582	YES
23	48	1.0u	1112	YES
24	53	1.0u	1005	YES
25	30	1.0u	1772	YES
26	21	1.0u	2598	NO
27	23	1.0u	2377	YES
28	41	1.0u	1292	YES
29	70	1.0u	763	YES
30	89	1.0u	598	YES
Detection Rate 90%				

Radar2 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	27	1.9	225	YES
2	29	2.2	178	YES
3	27	1	174	YES
4	25	3.2	208	NO
5	25	3.2	185	YES
6	24	1.6	176	YES
7	29	1	181	YES
8	27	2.7	180	NO
9	26	2.6	166	YES
10	26	4.3	153	YES
11	26	1.8	229	YES
12	23	4.8	204	YES
13	23	1.4	216	YES
14	27	2.2	171	YES
15	23	2.5	173	YES
16	27	1.1	162	NO
17	28	2.3	173	YES
18	28	2.2	180	YES
19	23	3.6	164	YES
20	28	4.1	188	YES
21	24	4.6	219	YES
22	24	2.9	229	YES
23	28	2.4	201	YES
24	27	4.9	191	YES
25	25	3.7	160	YES
26	24	4.1	204	YES
27	27	1.9	200	NO
28	29	4.2	202	YES
29	25	1.9	154	YES
30	28	3.3	229	YES
Detection Rate 87%				

Radar3 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(s)	PRI(us)	Detection(YES / No)
1	16	9.4	486	YES
2	16	6.8	282	YES
3	18	8.9	263	YES
4	17	8.2	433	YES
5	17	6.7	279	YES
6	16	7.1	492	YES
7	16	10	386	NO
8	18	6.1	304	YES
9	18	9.8	355	YES
10	17	6.7	388	YES
11	18	7.8	304	YES
12	16	6.1	491	YES
13	16	8.1	314	YES
14	17	9.5	293	YES
15	16	6.6	428	YES
16	17	7	330	YES
17	17	6.6	437	NO
18	16	9.4	419	YES
19	18	9.3	352	YES
20	18	6.4	412	YES
21	16	6.5	474	YES
22	17	7.7	344	YES
23	17	7.1	277	YES
24	17	9.4	438	YES
25	16	8.1	307	YES
26	17	9.4	379	YES
27	16	6.8	386	NO
28	17	6.6	276	YES
29	17	6.2	464	YES
30	18	7.7	470	YES
Detection Rate 90%				

Radar4 Statical Performances				
Trial #	Pluse per Burst	Pluse Width(us)	PRI(us)	Detection(YES / No)
1	13	15.6	419	YES
2	12	17.2	500	YES
3	14	15.1	388	YES
4	15	15	494	YES
5	15	15.2	411	YES
6	14	14.8	447	YES
7	15	14.8	252	NO
8	13	11.2	495	YES
9	13	13.8	264	YES
10	13	11.5	410	YES
11	16	17.2	426	YES
12	14	16.3	474	YES
13	16	19	344	YES
14	13	16.6	440	YES
15	16	18.2	457	YES
16	12	18.2	401	NO
17	13	12.1	478	YES
18	12	17.4	367	YES
19	16	17.6	432	YES
20	12	12.1	394	YES
21	14	19.2	373	YES
22	13	12.9	363	YES
23	16	11.3	263	YES
24	15	14.5	382	YES
25	15	12.8	372	YES
26	15	13.1	291	YES
27	13	12.5	432	YES
28	12	18.8	301	YES
29	15	12.1	308	NO
30	15	11.1	407	YES
Detection Rate 90%				

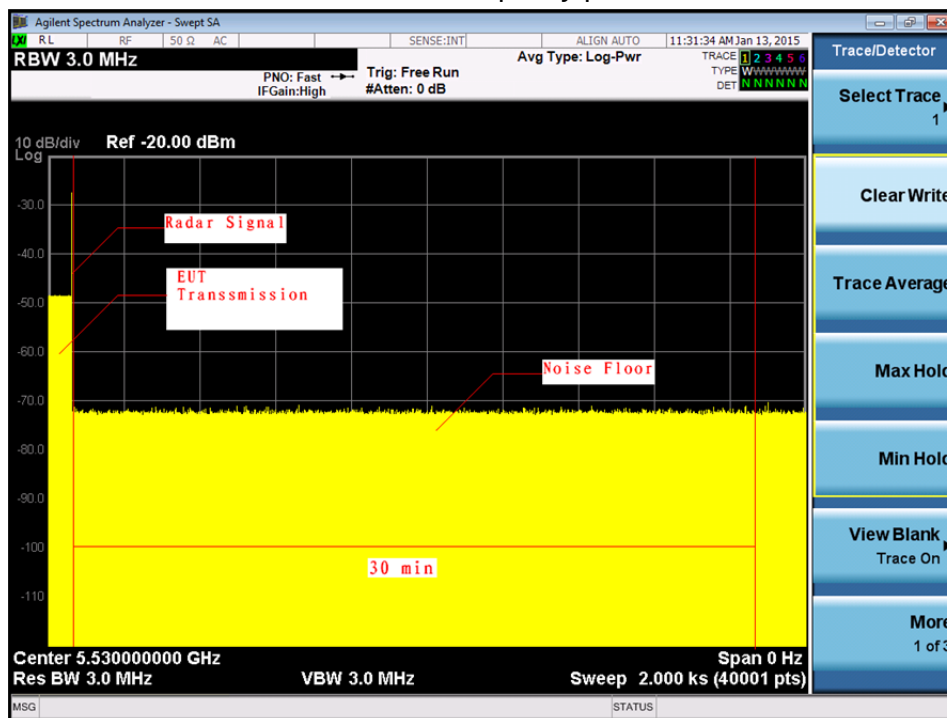
Radar5 Statical Performances		
Trial #	Test Signal name	Detection(YES / No)
1	LP_Signal_01	YES
2	LP_Signal_02	YES
3	LP_Signal_03	YES
4	LP_Signal_04	YES
5	LP_Signal_05	YES
6	LP_Signal_06	YES
7	LP_Signal_07	YES
8	LP_Signal_08	YES
9	LP_Signal_09	YES
10	LP_Signal_10	YES
11	LP_Signal_11	YES
12	LP_Signal_12	YES
13	LP_Signal_13	NO
14	LP_Signal_14	YES
15	LP_Signal_15	YES
16	LP_Signal_16	YES
17	LP_Signal_17	YES
18	LP_Signal_18	YES
19	LP_Signal_19	YES
20	LP_Signal_20	YES
21	LP_Signal_21	YES
22	LP_Signal_22	YES
23	LP_Signal_23	YES
24	LP_Signal_24	NO
25	LP_Signal_25	YES
26	LP_Signal_26	YES
27	LP_Signal_27	YES
28	LP_Signal_28	YES
29	LP_Signal_29	YES
30	LP_Signal_30	YES
Detection Rate 93%		

Radar6 Statical Performances		
Trial #	Hoping Frequency Sequence Name	Detection(YES / No)
1	HOP_FREQ_SEQ_01	YES
2	HOP_FREQ_SEQ_02	YES
3	HOP_FREQ_SEQ_03	YES
4	HOP_FREQ_SEQ_04	YES
5	HOP_FREQ_SEQ_05	YES
6	HOP_FREQ_SEQ_06	NO
7	HOP_FREQ_SEQ_07	YES
8	HOP_FREQ_SEQ_08	YES
9	HOP_FREQ_SEQ_09	YES
10	HOP_FREQ_SEQ_10	YES
11	HOP_FREQ_SEQ_11	YES
12	HOP_FREQ_SEQ_12	YES
13	HOP_FREQ_SEQ_13	YES
14	HOP_FREQ_SEQ_14	YES
15	HOP_FREQ_SEQ_15	YES
16	HOP_FREQ_SEQ_16	YES
17	HOP_FREQ_SEQ_17	YES
18	HOP_FREQ_SEQ_18	YES
19	HOP_FREQ_SEQ_19	YES
20	HOP_FREQ_SEQ_20	NO
21	HOP_FREQ_SEQ_21	YES
22	HOP_FREQ_SEQ_22	YES
23	HOP_FREQ_SEQ_23	YES
24	HOP_FREQ_SEQ_24	YES
25	HOP_FREQ_SEQ_25	YES
26	HOP_FREQ_SEQ_26	YES
27	HOP_FREQ_SEQ_27	YES
28	HOP_FREQ_SEQ_28	YES
29	HOP_FREQ_SEQ_29	YES
30	HOP_FREQ_SEQ_30	YES
Detection Rate 93%		

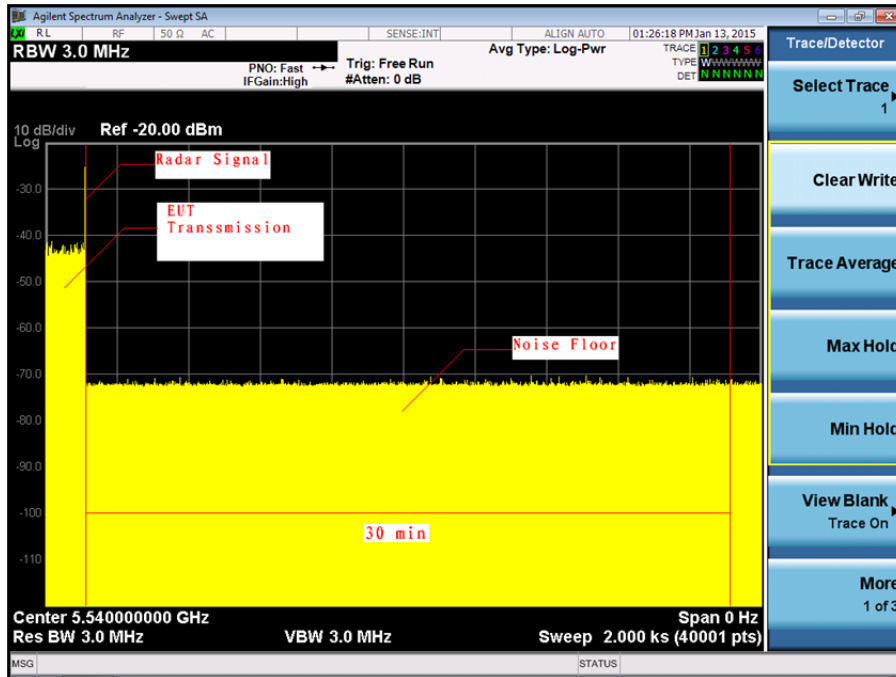
6.2.5 NON- OCCUPANCY PERIOD

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.

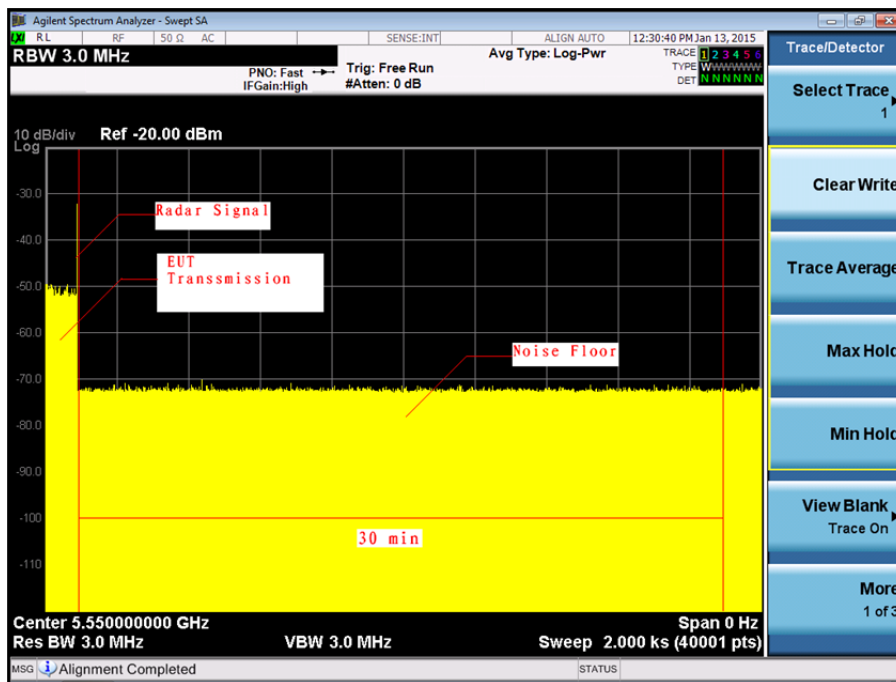
5530 Non-Occupancy period



5540 Non-Occupancy period



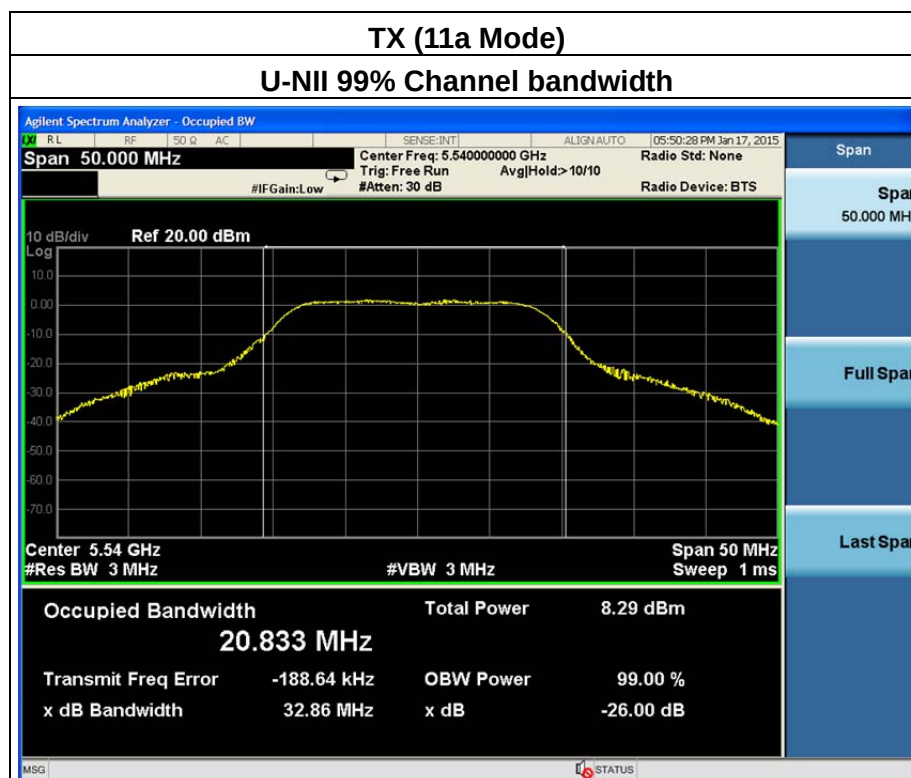
5550 Non-Occupancy period

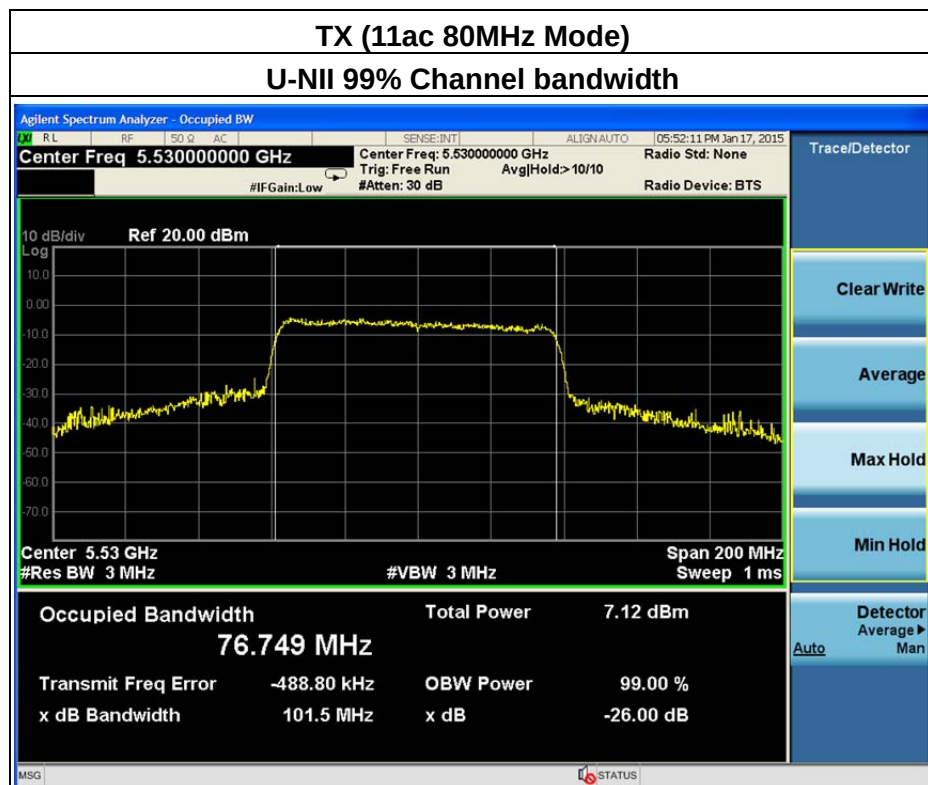
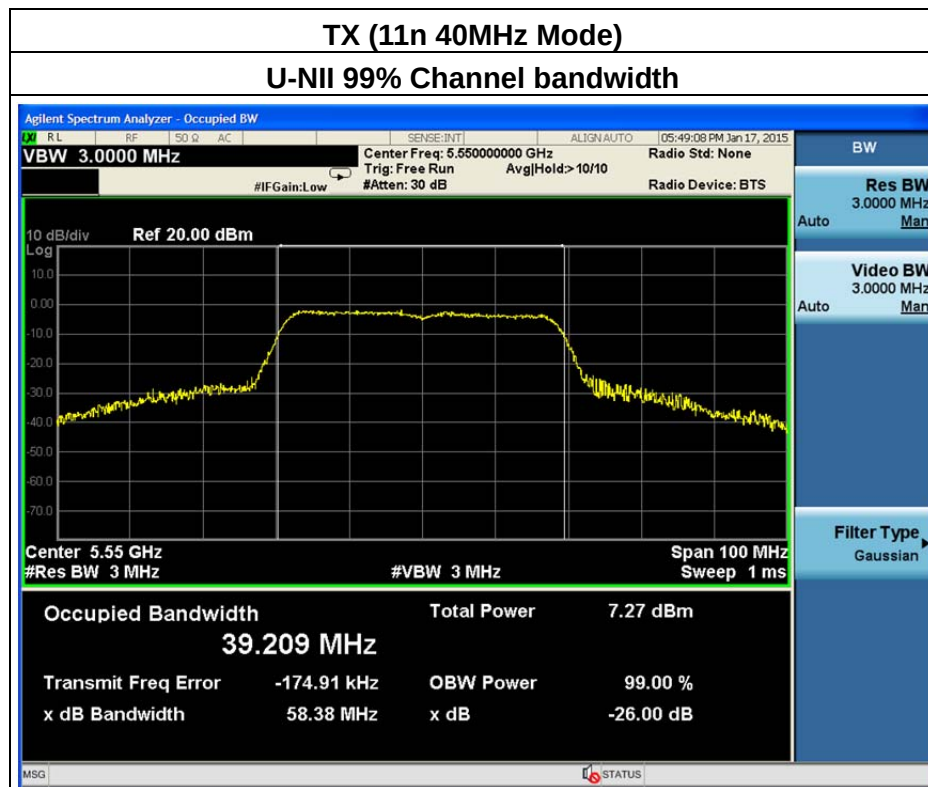


6.2.6 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The UUT using the bands 5250 to 5350MHz and 5470 to 5600 MHz channels so that the probability of selecting a given channel shall be the same for channels. The UUT will select channel by random mode and remember this channel when detect radar signal, so that will select unused channel by random mode.

6.2.7 U-NII DETECTION BANDWIDTH





11a Mode

Detection Bandwith test tranmission 20M											
EUT FREQUENCY	5540M										
EUT power bandwidth	20.83MHz										
Detection Bandwith limit(100%of EUT 99% Power bandwidth)	20.83										
Detection Bandwith(5549(FH)-5531(FL))	20										
Test Result	PASS										
Radar Freq (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5529	1	0	0	1	1	0	0	0	1	1	50
5530	1	1	0	0	0	1	0	1	0	1	50
5531(FL)	1	1	1	1	1	1	1	1	1	1	100
5532	1	1	1	1	1	1	1	1	1	1	100
5533	1	1	1	1	1	1	1	1	1	1	100
5534	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5536	1	1	1	1	1	1	1	1	1	1	100
5537	1	1	1	1	1	1	1	1	1	1	100
5538	1	1	1	1	1	1	1	1	1	1	100
5539	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5541	1	1	1	1	1	1	1	1	1	1	100
5542	1	1	1	1	1	1	1	1	1	1	100
5543	1	1	1	1	1	1	1	1	1	1	100
5544	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5546	1	1	1	1	1	1	1	1	1	1	100
5547	1	1	1	1	1	1	1	1	1	1	100
5548	1	1	1	1	1	1	1	1	1	1	100
5549(FH)	1	1	1	1	1	1	1	1	1	1	100
5550	0	1	0	0	0	1	0	0	0	1	40
5551	1	0	1	0	0	0	1	0	1	1	50

11n 40MHz Mode

Detection Bandwidth test transmission	40M										
EUT FREQUENCY	5550M										
EUT power bandwidth	39.21MHz										
Detection Bandwidth limit(100%of EUT 99% Power bandwidth)	39.21										
Detection Bandwidth(5569(FH)-5531(FL))	40										
Test Result	PASS										
	DFS Detection Trials (1=Detection, 0= No Detection)										
Radar Freq (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5529	1	0	1	0	0	1	1	0	1	0	50
5530	1	1	1	0	1	0	1	0	1	0	60
5531(FL)	1	1	1	1	1	1	1	1	1	1	100
5532	1	1	1	1	1	1	1	1	1	1	100
5533	1	1	1	1	1	1	1	1	1	1	100
5534	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5536	1	1	1	1	1	1	1	1	1	1	100
5537	1	1	1	1	1	1	1	1	1	1	100
5538	1	1	1	1	1	1	1	1	1	1	100
5539	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5541	1	1	1	1	1	1	1	1	1	1	100
5542	1	1	1	1	1	1	1	1	1	1	100
5543	1	1	1	1	1	1	1	1	1	1	100
5544	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5546	1	1	1	1	1	1	1	1	1	1	100
5547	1	1	1	1	1	1	1	1	1	1	100
5548	1	1	1	1	1	1	1	1	1	1	100
5549	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5551	1	1	1	1	1	1	1	1	1	1	100
5552	1	1	1	1	1	1	1	1	1	1	100
5553	1	1	1	1	1	1	1	1	1	1	100
5554	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5556	1	1	1	1	1	1	1	1	1	1	100
5557	1	1	1	1	1	1	1	1	1	1	100
5558	1	1	1	1	1	1	1	1	1	1	100
5559	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5561	1	1	1	1	1	1	1	1	1	1	100
5562	1	1	1	1	1	1	1	1	1	1	100
5563	1	1	1	1	1	1	1	1	1	1	100
5564	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5566	1	1	1	1	1	1	1	1	1	1	100
5567	1	1	1	1	1	1	1	1	1	1	100
5568	1	1	1	1	1	1	1	1	1	1	100
5569(FL)	1	1	1	1	1	1	1	1	1	1	100
5570	1	0	1	1	0	1	0	0	1	0	50
5571	1	0	0	1	0	0	1	0	0	1	40

11ac 80MHz Mode

Detection Bandwidth test transmission		80M										
EUT FREQUENCY		5530M										
EUT power bandwidth												
Detection Bandwidth limit(100% of EUT 99% Power bandwidth)		76.749										
Detection Bandwidth(5570(FH)-5549(FL))		80										
Test Result		PASS										
Radar Freq (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)											Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10		
5489	1	0	1	0	0	1	0	0	0	0	30	
5490	0	1	0	1	0	0	0	1	0	0	30	
5491	0	0	1	0	1	0	1	0	0	0	30	
5492(FL)	1	1	1	1	1	1	1	1	1	1	100	
5493	1	1	1	1	1	1	1	1	1	1	100	
5494	1	1	1	1	1	1	1	1	1	1	100	
5495	1	1	1	1	1	1	1	1	1	1	100	
5496	1	1	1	1	1	1	1	1	1	1	100	
5497	1	1	1	1	1	1	1	1	1	1	100	
5498	1	1	1	1	1	1	1	1	1	1	100	
5499	1	1	1	1	1	1	1	1	1	1	100	
5500	1	1	1	1	1	1	1	1	1	1	100	
5501	1	1	1	1	1	1	1	1	1	1	100	
5502	1	1	1	1	1	1	1	1	1	1	100	
5503	1	1	1	1	1	1	1	1	1	1	100	
5504	1	1	1	1	1	1	1	1	1	1	100	
5505	1	1	1	1	1	1	1	1	1	1	100	
5506	1	1	1	1	1	1	1	1	1	1	100	
5507	1	1	1	1	1	1	1	1	1	1	100	
5508	1	1	1	1	1	1	1	1	1	1	100	
5509	1	1	1	1	1	1	1	1	1	1	100	
5510	1	1	1	1	1	1	1	1	1	1	100	
5511	1	1	1	1	1	1	1	1	1	1	100	
5512	1	1	1	1	1	1	1	1	1	1	100	
5513	1	1	1	1	1	1	1	1	1	1	100	
5514	1	1	1	1	1	1	1	1	1	1	100	
5515	1	1	1	1	1	1	1	1	1	1	100	
5516	1	1	1	1	1	1	1	1	1	1	100	
5517	1	1	1	1	1	1	1	1	1	1	100	
5518	1	1	1	1	1	1	1	1	1	1	100	
5519	1	1	1	1	1	1	1	1	1	1	100	
5520	1	1	1	1	1	1	1	1	1	1	100	
5521	1	1	1	1	1	1	1	1	1	1	100	
5522	1	1	1	1	1	1	1	1	1	1	100	
5523	1	1	1	1	1	1	1	1	1	1	100	
5524	1	1	1	1	1	1	1	1	1	1	100	
5525	1	1	1	1	1	1	1	1	1	1	100	
5526	1	1	1	1	1	1	1	1	1	1	100	
5527	1	1	1	1	1	1	1	1	1	1	100	
5528	1	1	1	1	1	1	1	1	1	1	100	
5529	1	1	1	1	1	1	1	1	1	1	100	
5530	1	1	1	1	1	1	1	1	1	1	100	
5531	1	1	1	1	1	1	1	1	1	1	100	
5532	1	1	1	1	1	1	1	1	1	1	100	
5533	1	1	1	1	1	1	1	1	1	1	100	
5534	1	1	1	1	1	1	1	1	1	1	100	
5535	1	1	1	1	1	1	1	1	1	1	100	
5536	1	1	1	1	1	1	1	1	1	1	100	
5537	1	1	1	1	1	1	1	1	1	1	100	
5538	1	1	1	1	1	1	1	1	1	1	100	
5539	1	1	1	1	1	1	1	1	1	1	100	
5540	1	1	1	1	1	1	1	1	1	1	100	
5541	1	1	1	1	1	1	1	1	1	1	100	
5542	1	1	1	1	1	1	1	1	1	1	100	
5543	1	1	1	1	1	1	1	1	1	1	100	
5544	1	1	1	1	1	1	1	1	1	1	100	
5545	1	1	1	1	1	1	1	1	1	1	100	
5546	1	1	1	1	1	1	1	1	1	1	100	
5547	1	1	1	1	1	1	1	1	1	1	100	
5548	1	1	1	1	1	1	1	1	1	1	100	
5549	1	1	1	1	1	1	1	1	1	1	100	
5550	1	1	1	1	1	1	1	1	1	1	100	
5551	1	1	1	1	1	1	1	1	1	1	100	
5552	1	1	1	1	1	1	1	1	1	1	100	
5553	1	1	1	1	1	1	1	1	1	1	100	
5554	1	1	1	1	1	1	1	1	1	1	100	
5555	1	1	1	1	1	1	1	1	1	1	100	

5556	1	1	1	1	1	1	1	1	1	1	1	100
5557	1	1	1	1	1	1	1	1	1	1	1	100
5558	1	1	1	1	1	1	1	1	1	1	1	100
5559	1	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	1	100
5561	1	1	1	1	1	1	1	1	1	1	1	100
5562	1	1	1	1	1	1	1	1	1	1	1	100
5563	1	1	1	1	1	1	1	1	1	1	1	100
5564	1	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	1	100
5566	1	1	1	1	1	1	1	1	1	1	1	100
5567	1	1	1	1	1	1	1	1	1	1	1	100
5568(FL)	1	1	1	1	1	1	1	1	1	1	1	100
5569	0	1	0	0	0	0	1	0	0	0	0	0
5570	0	1	0	0	0	0	1	0	0	0	0	0
5571	0	1	0	0	0	0	1	0	0	0	0	0