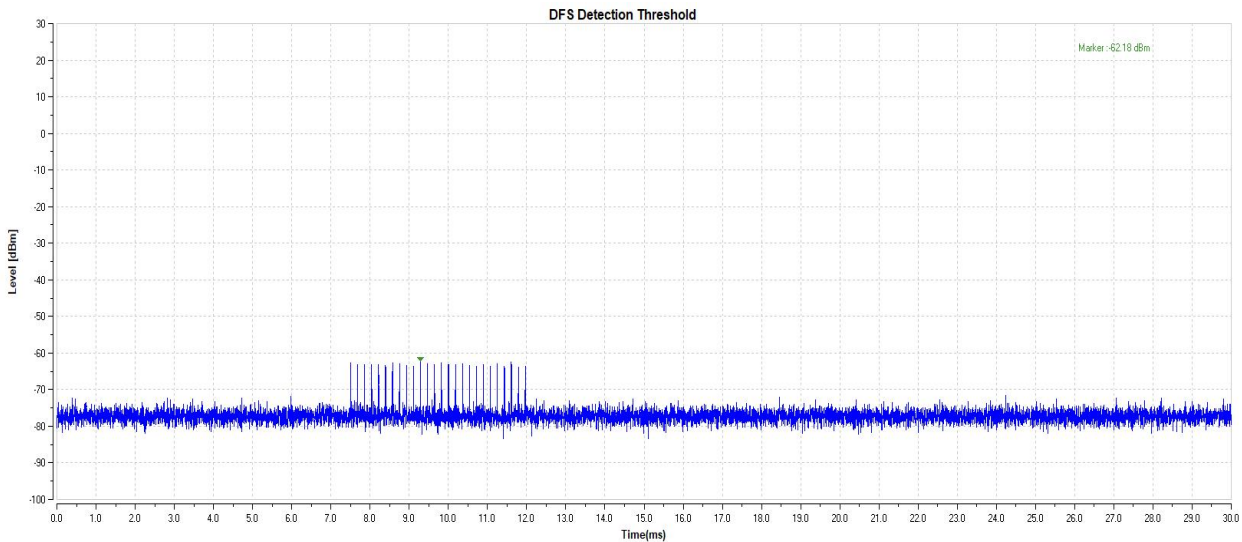
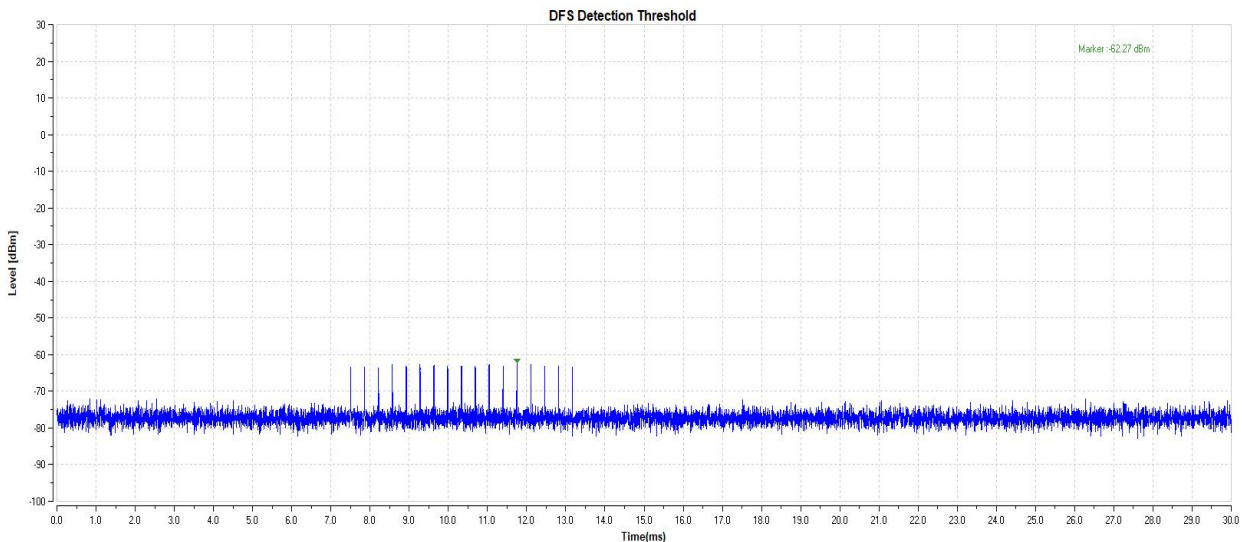
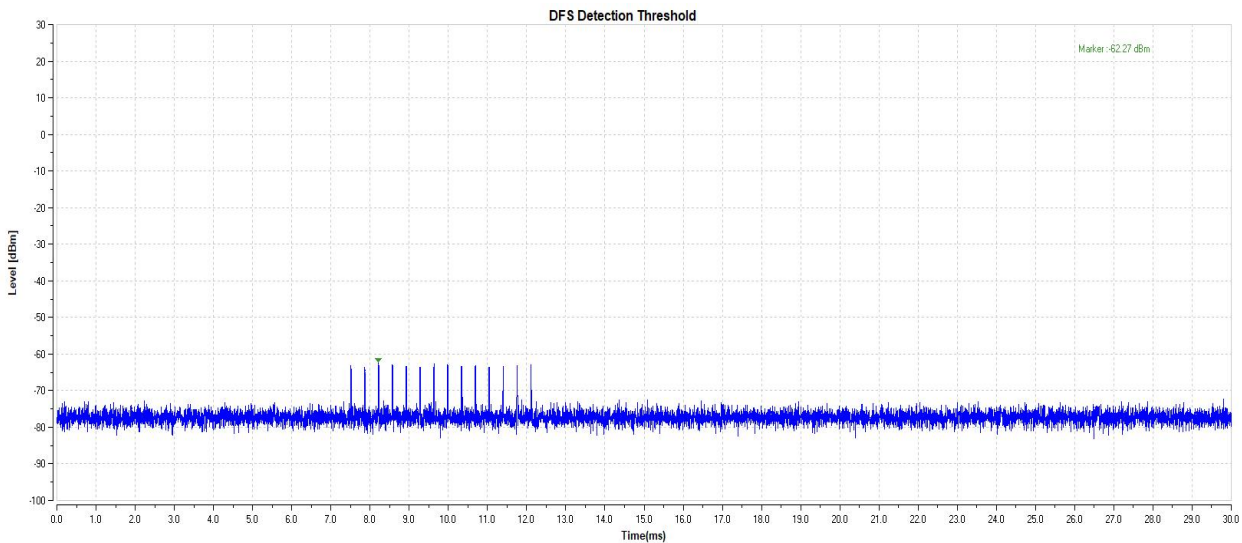




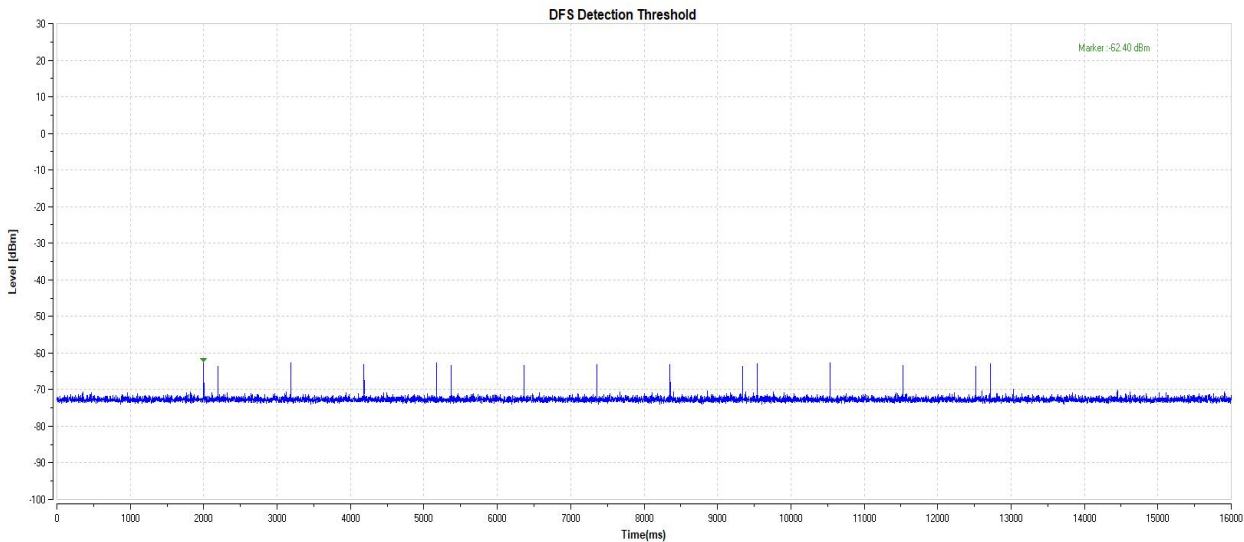
11BE160SISO-5250-Type2-PASS



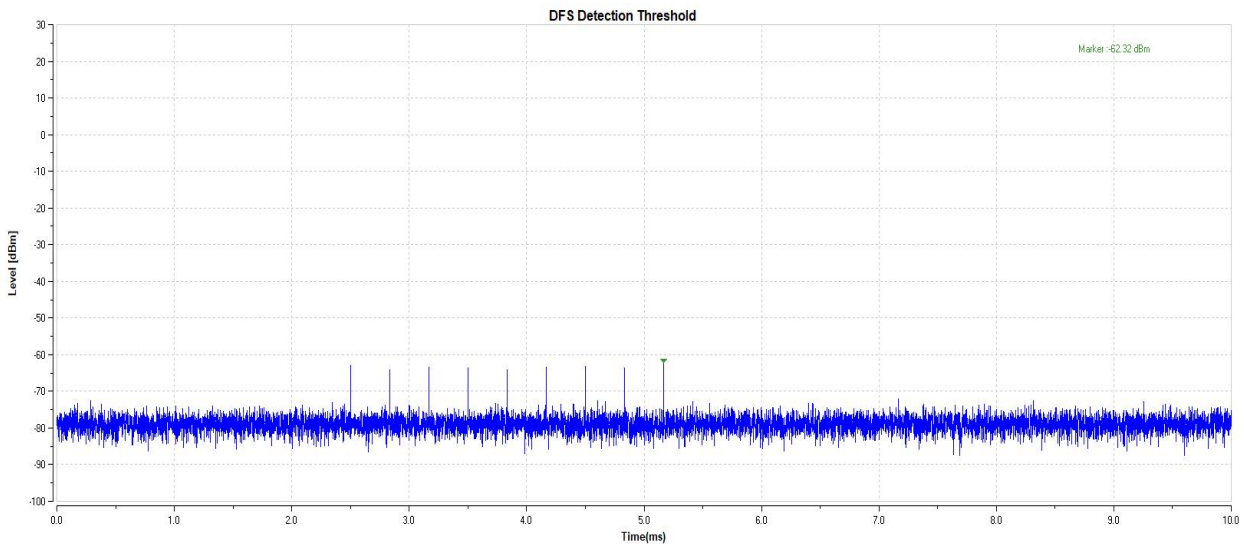
11BE160SISO-5250-Type3-PASS



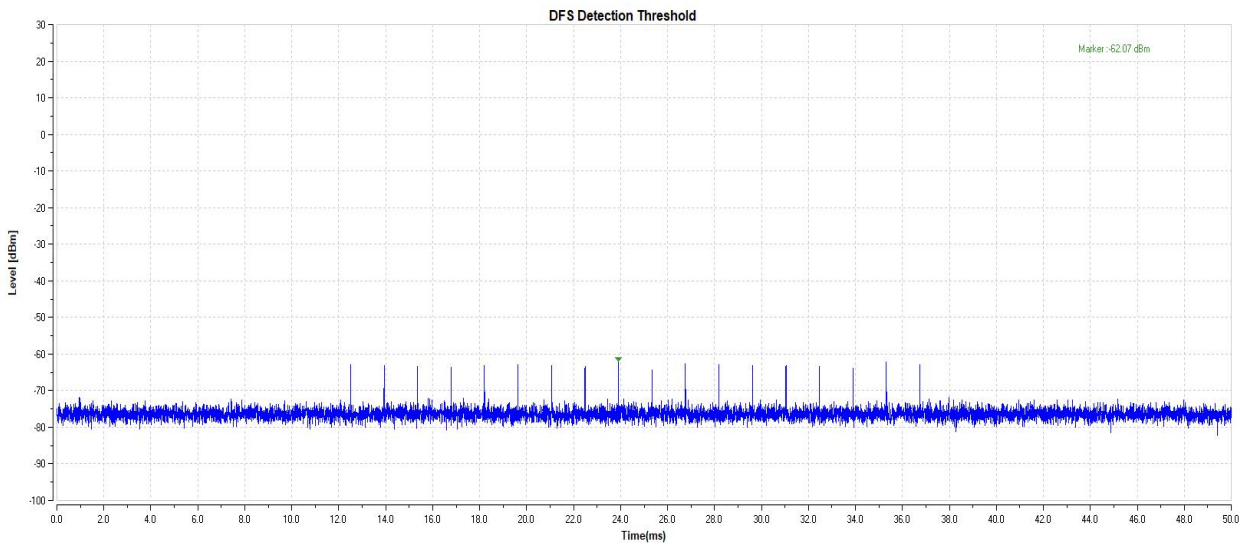
11BE160SISO-5250-Type4-PASS



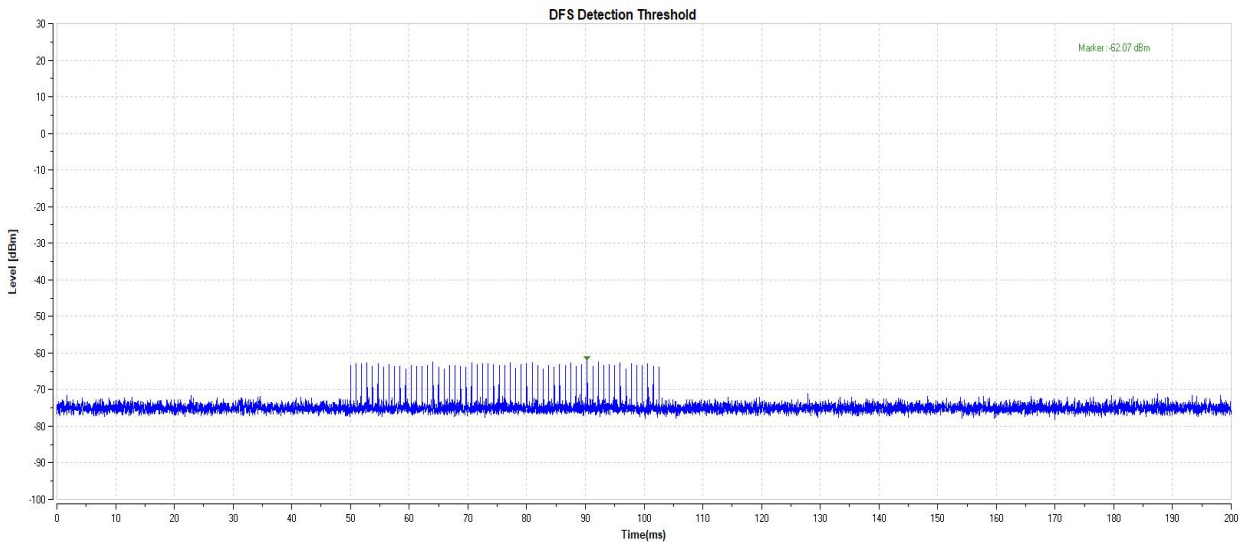
11BE160SISO-5250-Type5-PASS



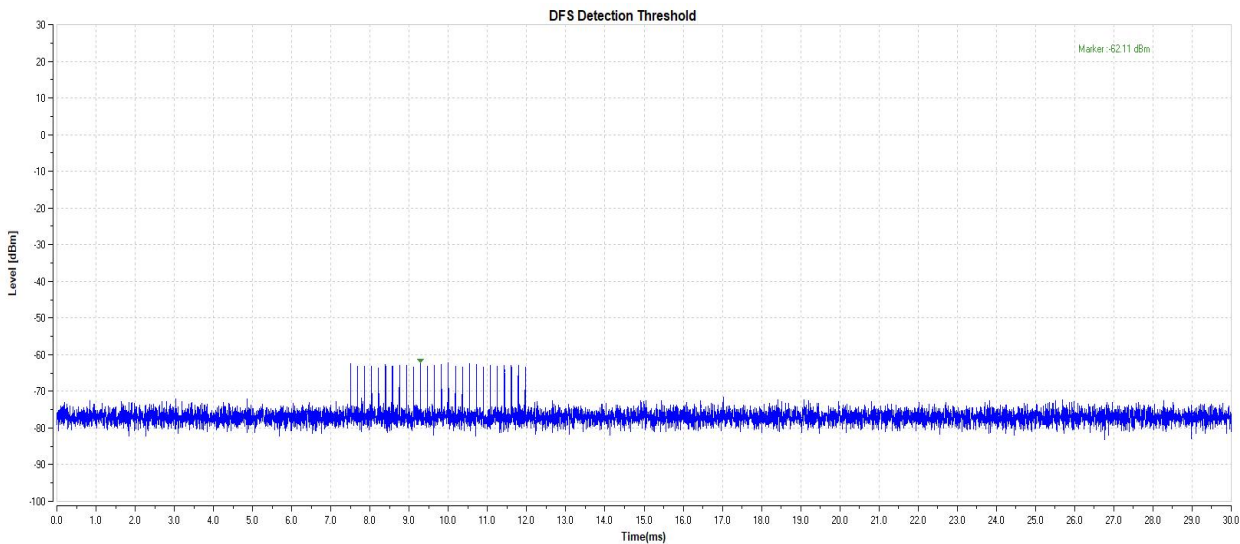
11BE160SISO-5250-Type6-PASS



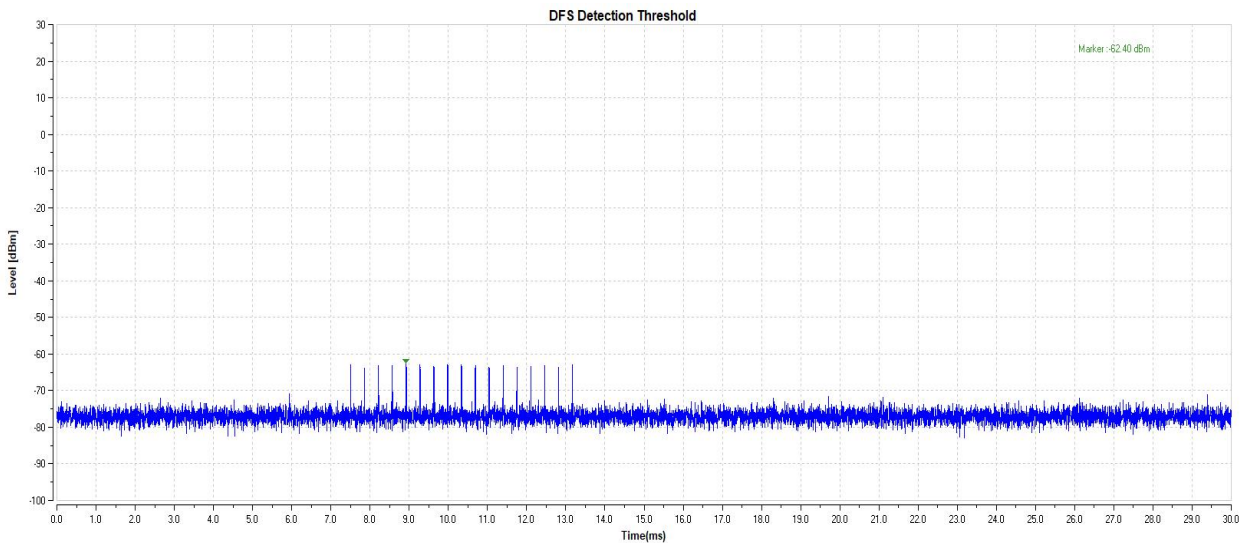
11BE160SISO-5570-Type0-PASS



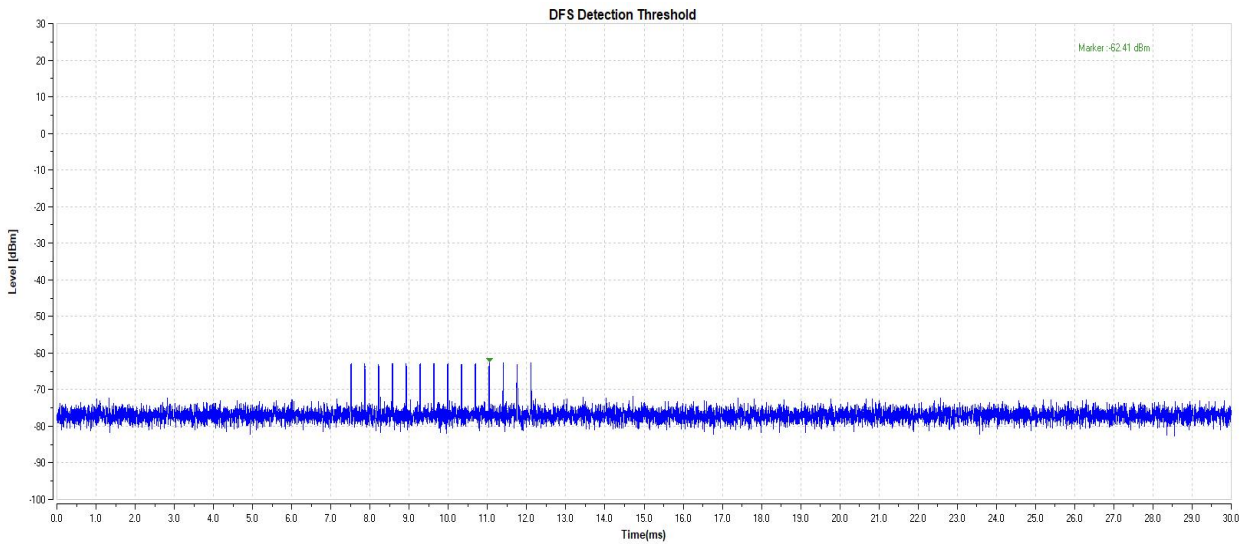
11BE160SISO-5570-Type1-PASS



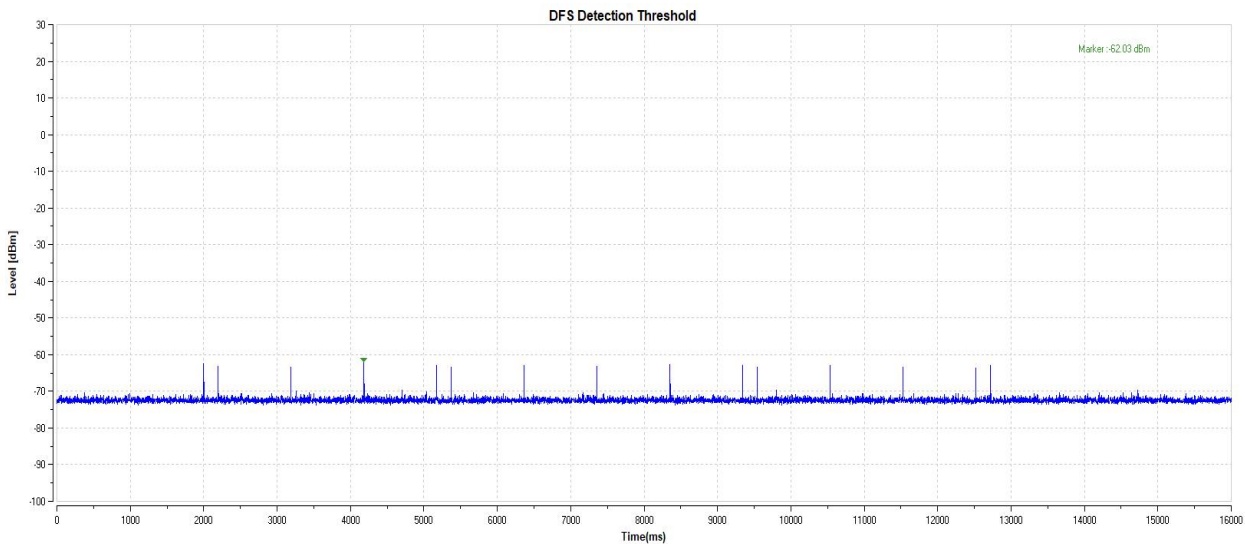
11BE160SISO-5570-Type2-PASS



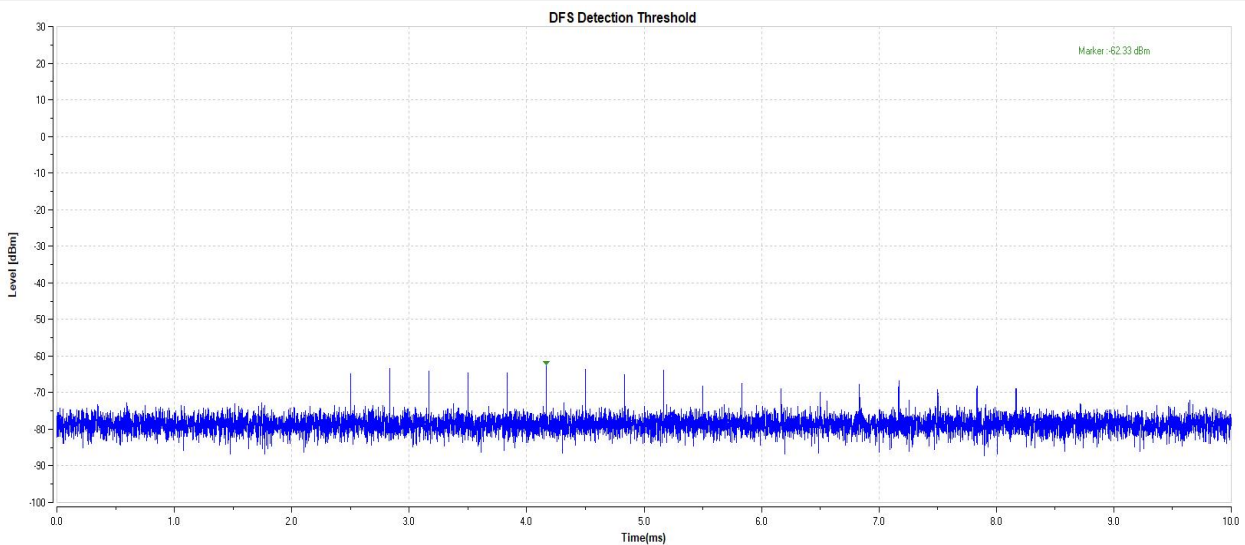
11BE160SISO-5570-Type3-PASS



11BE160SISO-5570-Type4-PASS



11BE160SISO-5570-Type5-PASS



11BE160SISO-5570-Type6-PASS

Radar Signal 1					
Trial ID	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
0	Type 1	1	938	57	53466
1	Type 1	1	698	76	53048
2	Type 1	1	618	86	53148
3	Type 1	1	538	99	53262
4	Type 1	1	878	61	53558
5	Type 1	1	3066	18	55188
6	Type 1	1	638	83	52954
7	Type 1	1	918	58	53244
8	Type 1	1	838	63	52794
9	Type 1	1	858	62	53196
10	Type 1	1	798	67	53466
11	Type 1	1	718	74	53132
12	Type 1	1	578	92	53176
13	Type 1	1	598	89	53222
14	Type 1	1	558	95	53010
15	Type 1	1	2536	21	53256
16	Type 1	1	966	55	53130
17	Type 1	1	827	64	52928
18	Type 1	1	2501	22	55022
19	Type 1	1	2595	21	54495
20	Type 1	1	1114	48	53472
21	Type 1	1	1302	41	53382
22	Type 1	1	3045	18	54810
23	Type 1	1	1624	33	53592
24	Type 1	1	2878	19	54682
25	Type 1	1	1027	52	53404
26	Type 1	1	2485	22	54670
27	Type 1	1	1600	33	52800
28	Type 1	1	1172	46	53912
29	Type 1	1	1177	45	52965

Radar Signal 2					
Trial ID	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
0	Type 2	3.2	179	26	4654
1	Type 2	1.1	207	23	4761
2	Type 2	2.1	230	24	5520
3	Type 2	4.8	200	29	5800
4	Type 2	3.9	214	28	5992
5	Type 2	2.9	222	26	5772
6	Type 2	3.2	204	26	5304
7	Type 2	2.5	192	25	4800
8	Type 2	3.1	164	26	4264
9	Type 2	1.2	156	23	3588
10	Type 2	3.9	210	27	5670
11	Type 2	4.6	201	29	5829
12	Type 2	3.2	162	26	4212
13	Type 2	2.2	197	25	4925
14	Type 2	4.5	163	29	4727
15	Type 2	3	203	26	5278
16	Type 2	5	168	29	4872
17	Type 2	2.4	217	25	5425
18	Type 2	2.9	191	26	4966
19	Type 2	2.3	166	25	4150
20	Type 2	3.7	150	27	4050
21	Type 2	2.2	176	25	4400
22	Type 2	4.9	195	29	5655
23	Type 2	2.9	202	26	5252
24	Type 2	2.5	178	25	4450
25	Type 2	1.1	206	23	4738
26	Type 2	3.8	155	27	4185
27	Type 2	4.7	157	29	4553
28	Type 2	2.4	224	25	5600
29	Type 2	4.2	159	28	4452

Radar Signal 3					
Trial ID	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
0	Type 3	8.2	355	17	6035
1	Type 3	6.1	487	16	7792
2	Type 3	7.1	344	16	5504
3	Type 3	9.8	288	18	5184
4	Type 3	8.9	230	18	4140
5	Type 3	7.9	432	17	7344
6	Type 3	8.2	207	17	3519
7	Type 3	7.5	443	17	7531
8	Type 3	8.1	439	17	7463
9	Type 3	6.2	223	16	3568
10	Type 3	8.9	208	18	3744
11	Type 3	9.6	463	18	8334
12	Type 3	8.2	441	17	7497
13	Type 3	7.2	323	16	5168
14	Type 3	9.5	297	18	5346
15	Type 3	8	412	17	7004
16	Type 3	10	324	18	5832
17	Type 3	7.4	271	17	4607
18	Type 3	7.9	349	17	5933
19	Type 3	7.3	409	16	6544
20	Type 3	8.7	373	18	6714
21	Type 3	7.2	254	16	4064
22	Type 3	9.9	274	18	4932
23	Type 3	7.9	278	17	4726
24	Type 3	7.5	317	17	5389
25	Type 3	6.1	260	16	4160
26	Type 3	8.8	211	18	3798
27	Type 3	9.7	272	18	4896
28	Type 3	7.4	264	17	4488
29	Type 3	9.2	284	18	5112

Radar Signal 4					
Trial ID	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
0	Type 4	16	355	14	4970
1	Type 4	11.3	487	12	5844
2	Type 4	13.5	344	13	4472
3	Type 4	19.4	288	16	4608
4	Type 4	17.5	230	15	3450
5	Type 4	15.3	432	14	6048
6	Type 4	15.9	207	14	2898
7	Type 4	14.3	443	13	5759
8	Type 4	15.8	439	14	6146
9	Type 4	11.5	223	12	2676
10	Type 4	17.4	208	15	3120
11	Type 4	19	463	16	7408
12	Type 4	16	441	14	6174
13	Type 4	13.8	323	13	4199
14	Type 4	18.9	297	16	4752
15	Type 4	15.5	412	14	5768
16	Type 4	19.9	324	16	5184
17	Type 4	14.1	271	13	3523
18	Type 4	15.2	349	14	4886
19	Type 4	13.8	409	13	5317
20	Type 4	17.1	373	15	5595
21	Type 4	13.8	254	13	3302
22	Type 4	19.8	274	16	4384
23	Type 4	15.3	278	14	3892
24	Type 4	14.5	317	13	4121
25	Type 4	11.3	260	12	3120
26	Type 4	17.3	211	15	3165
27	Type 4	19.2	272	16	4352
28	Type 4	14.2	264	13	3432
29	Type 4	18.2	284	15	4260

Radar Signal 5				
Trial ID	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)
0	Type 5	15	0.8	12
1	Type 5	8	1.5	12
2	Type 5	11	1.09091	12
3	Type 5	20	0.6	12
4	Type 5	17	0.70588	12
5	Type 5	14	0.85714	12
6	Type 5	15	0.8	12
7	Type 5	12	1	12
8	Type 5	14	0.85714	12
9	Type 5	8	1.5	12
10	Type 5	17	0.70588	12
11	Type 5	19	0.63158	12
12	Type 5	15	0.8	12
13	Type 5	12	1	12
14	Type 5	19	0.63158	12
15	Type 5	14	0.85714	12
16	Type 5	20	0.6	12
17	Type 5	12	1	12
18	Type 5	14	0.85714	12
19	Type 5	12	1	12
20	Type 5	16	0.75	12
21	Type 5	12	1	12
22	Type 5	20	0.6	12
23	Type 5	14	0.85714	12
24	Type 5	13	0.92308	12
25	Type 5	8	1.5	12
26	Type 5	17	0.70588	12
27	Type 5	19	0.63158	12
28	Type 5	12	1	12
29	Type 5	18	0.66667	12

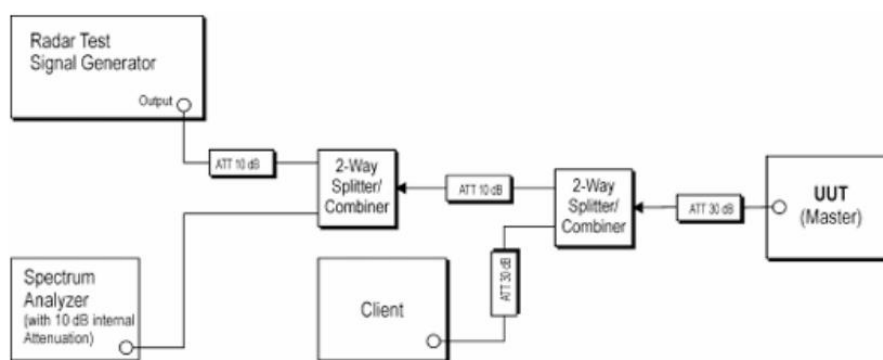
Radar Signal 6							
Trial ID	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
0	Type 6	1	333.3	9	0.3333	300	32
1	Type 6	1	333.3	9	0.3333	300	27
2	Type 6	1	333.3	9	0.3333	300	25
3	Type 6	1	333.3	9	0.3333	300	33
4	Type 6	1	333.3	9	0.3333	300	37
5	Type 6	1	333.3	9	0.3333	300	30
6	Type 6	1	333.3	9	0.3333	300	33
7	Type 6	1	333.3	9	0.3333	300	27
8	Type 6	1	333.3	9	0.3333	300	33
9	Type 6	1	333.3	9	0.3333	300	30
10	Type 6	1	333.3	9	0.3333	300	37
11	Type 6	1	333.3	9	0.3333	300	36
12	Type 6	1	333.3	9	0.3333	300	38
13	Type 6	1	333.3	9	0.3333	300	35
14	Type 6	1	333.3	9	0.3333	300	28
15	Type 6	1	333.3	9	0.3333	300	37
16	Type 6	1	333.3	9	0.3333	300	35
17	Type 6	1	333.3	9	0.3333	300	37
18	Type 6	1	333.3	9	0.3333	300	27
19	Type 6	1	333.3	9	0.3333	300	34
20	Type 6	1	333.3	9	0.3333	300	35
21	Type 6	1	333.3	9	0.3333	300	37
22	Type 6	1	333.3	9	0.3333	300	41
23	Type 6	1	333.3	9	0.3333	300	36
24	Type 6	1	333.3	9	0.3333	300	29
25	Type 6	1	333.3	9	0.3333	300	32
26	Type 6	1	333.3	9	0.3333	300	30
27	Type 6	1	333.3	9	0.3333	300	31
28	Type 6	1	333.3	9	0.3333	300	31
29	Type 6	1	333.3	9	0.3333	300	40

6. U-NII DFS Testing

Test Procedure

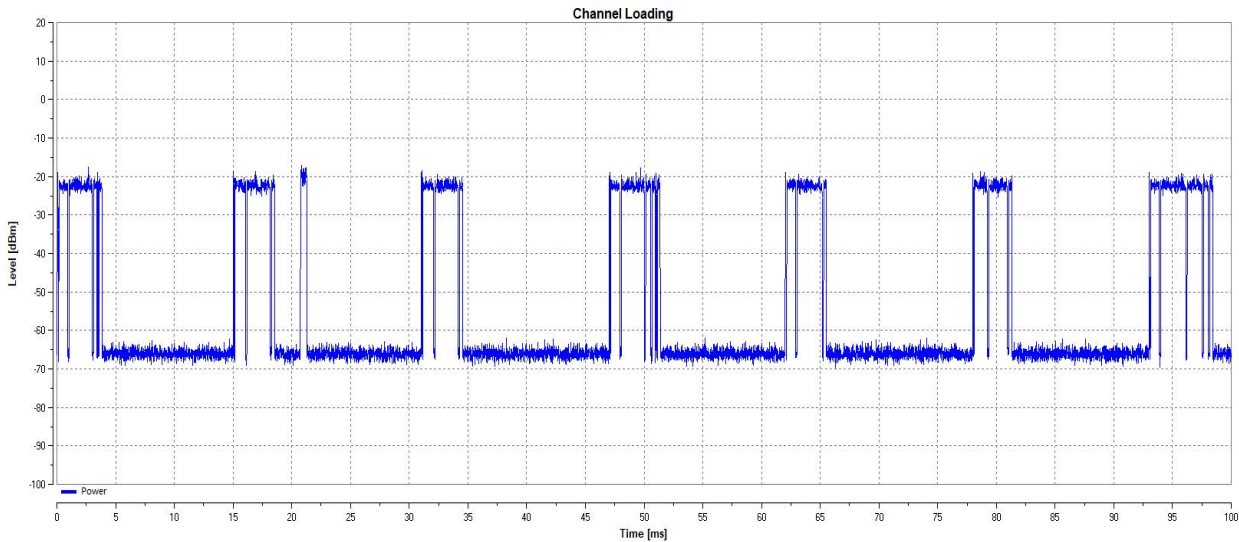
1. Master device and client device are set up by conduction method as the following configuration.
2. The client device is connected to notebook and to access a IP address on wireless connection with the master device.
3. Then the master device is connected to another notebook to access a IP address.
4. Finally, let the two IP addresses run traffic with each other through the Run flow software “Lan test” to reach 17% channel loading as below:

Test Setup

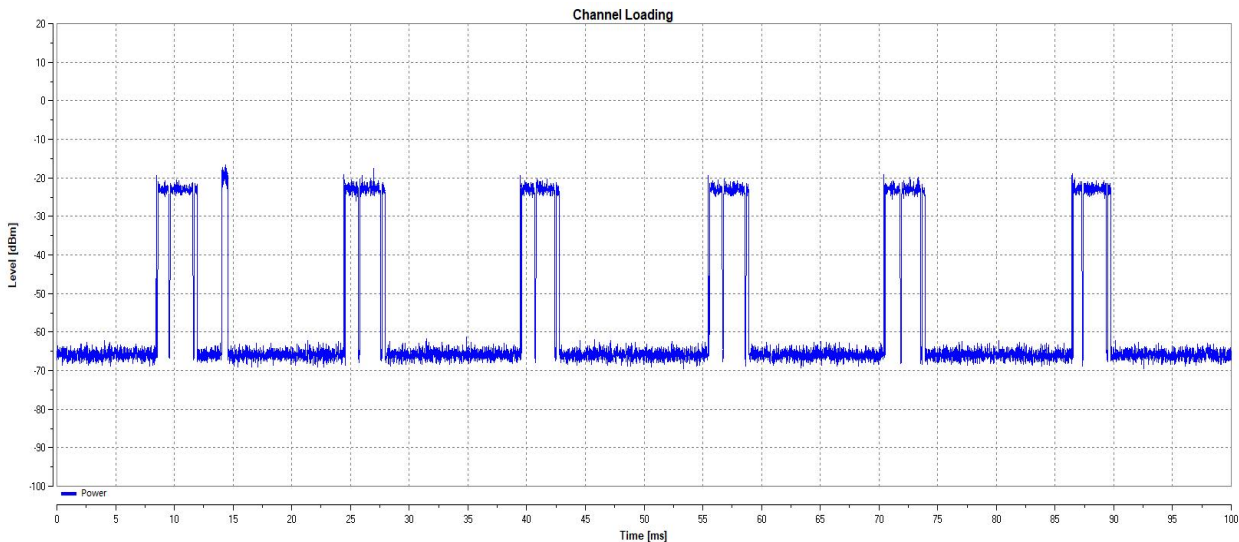


Channel Loading

Test Mode	Frequency[MHz]	Result	Limit [%]	Verdict
11BE160	5250	25.17	17	PASS
11BE160	5570	19.41	17	PASS



11BE160-5250-PASS



11BE160-5570-PASS

7. Testing Results

Conducted Output Power&E.I.R.P and PSD

Mode: TX (802.11BE(HE20))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5260~5320	1	11.95	5.17	17.12	51.52	1.64
	2	11.59	5.17	16.76	47.42	1.36
Mode: TX (802.11BE (HE40))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5260~5320	1	11.49	5.17	16.66	46.34	-1.5
	2	11.52	5.17	16.69	46.67	-1.48
Mode: TX (802.11BE (HE80))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5260~5320	1	10.91	5.17	16.08	40.55	-4.82
	2	10.92	5.17	16.09	40.64	-5.1
Mode: TX (802.11BE (HE160))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5260~5320	1	12.11	5.17	17.28	53.46	-5.26
	2	10.99	5.17	16.16	41.30	-6.38

Mode: TX (802.11BE (HE20))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5500~5720	1	12.71	5.17	17.88	61.38	2.36
	2	13.06	5.17	18.23	66.53	2.74
Mode: TX (802.11BE (HE40))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5500~5720	1	12.75	5.17	17.92	61.94	-0.49
	2	13.2	5.17	18.37	68.71	0.0
Mode: TX (802.11BE (HE80))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5500~5720	1	13.64	5.17	18.81	76.03	-1.94
	2	12.96	5.17	18.13	65.01	-2.56
Mode: TX (802.11BE (HE160))						
Frequency Band (MHz)	Ant.	Max Conducted Power (dBm)	Gain (dBi)	Max E.I.R.P (dBm)	Max E.I.R.P (mW)	Max.PSD (dBm/MHz)
5500~5720	1	12.68	5.17	17.85	60.95	-6.36
	2	13.0	5.17	18.17	65.61	-6.18

Channel Availability Check Time

If the UUT successfully detected the radar burst, it should be observed as the UUT has no transmissions occurred until the UUT starts transmitting on another channel.

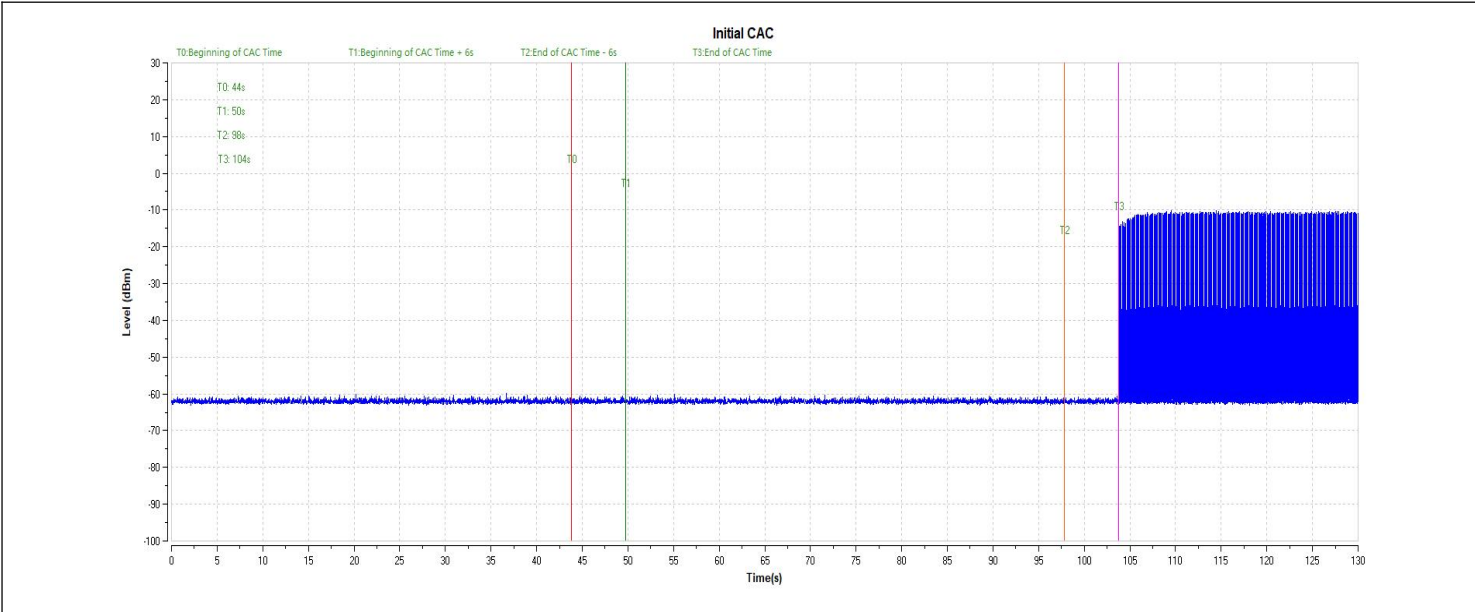
Test Result

TestMode	Frequency[MHz]	Result	Verdict
11BE160	5250	See test Graph	PASS
11BE160	5570	See test Graph	PASS

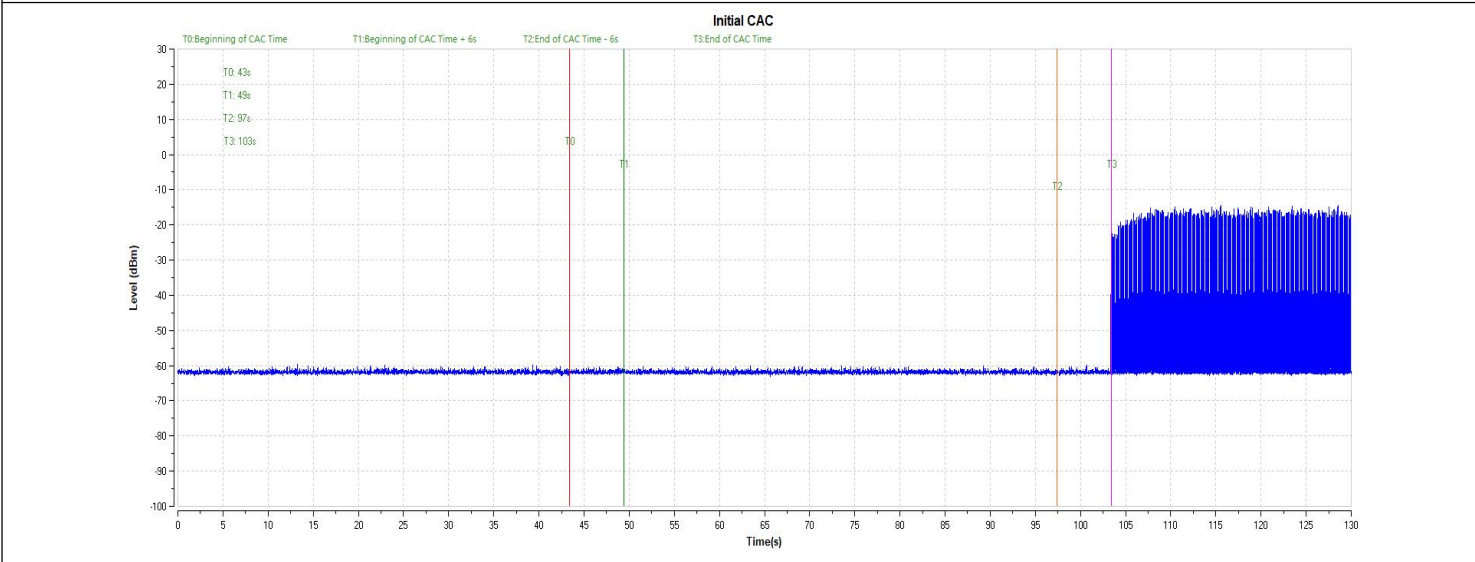
TestMode	Frequency[MHz]	Result	Verdict
11BE160	5250	See test Graph	PASS
11BE160	5570	See test Graph	PASS

TestMode	Frequency[MHz]	Result	Verdict
11BE160	5250	See test Graph	PASS
11BE160	5570	See test Graph	PASS

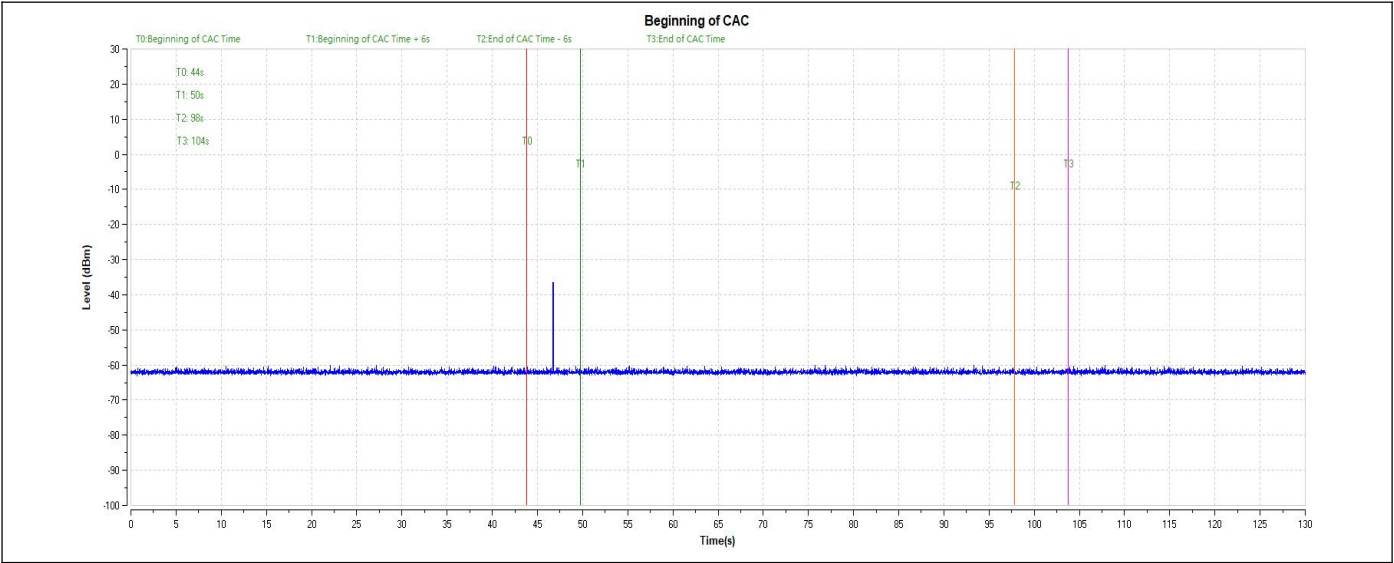
Test Graphs



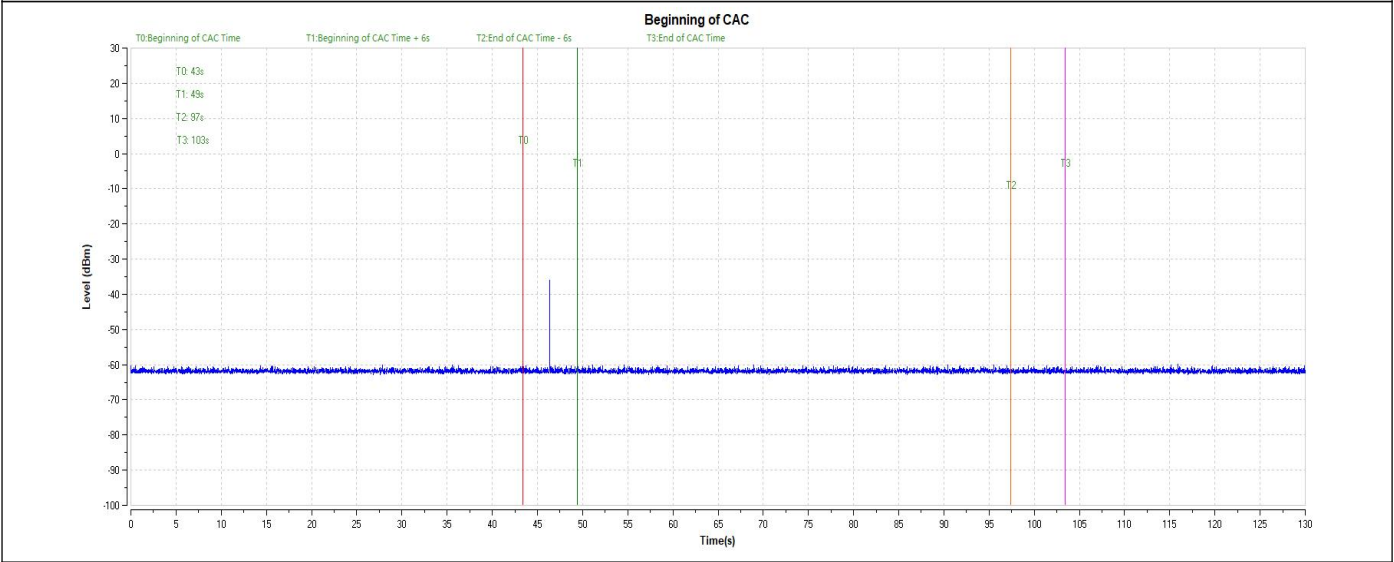
11BE160-5250-PASS



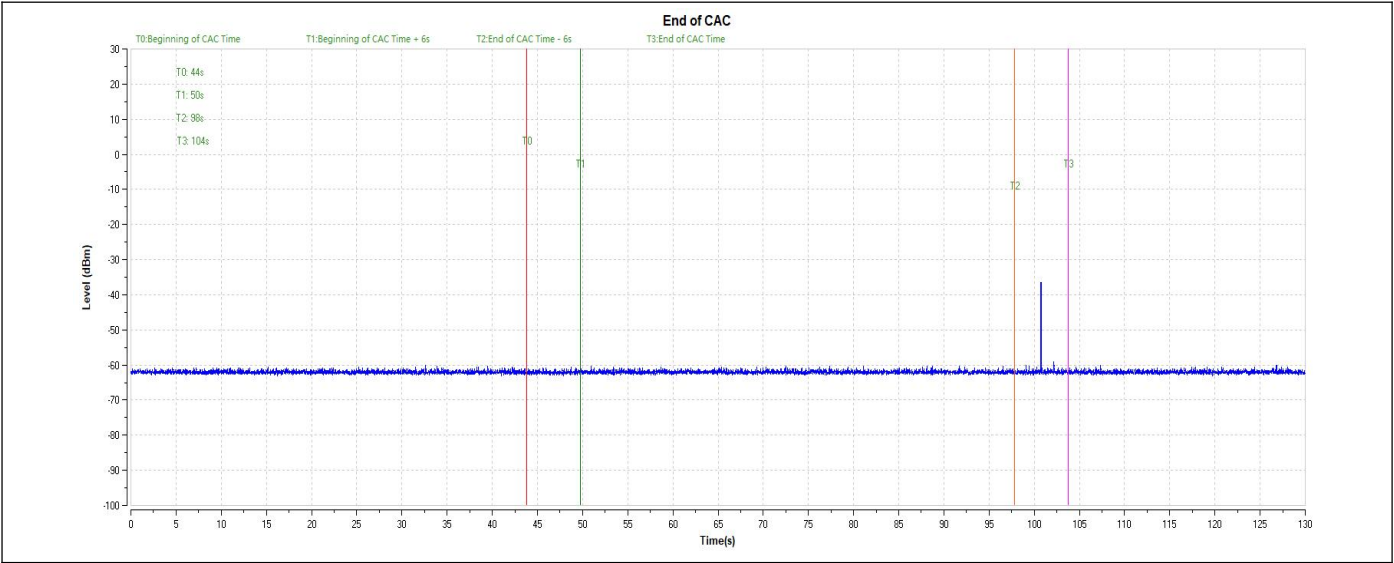
11BE160-5570-PASS



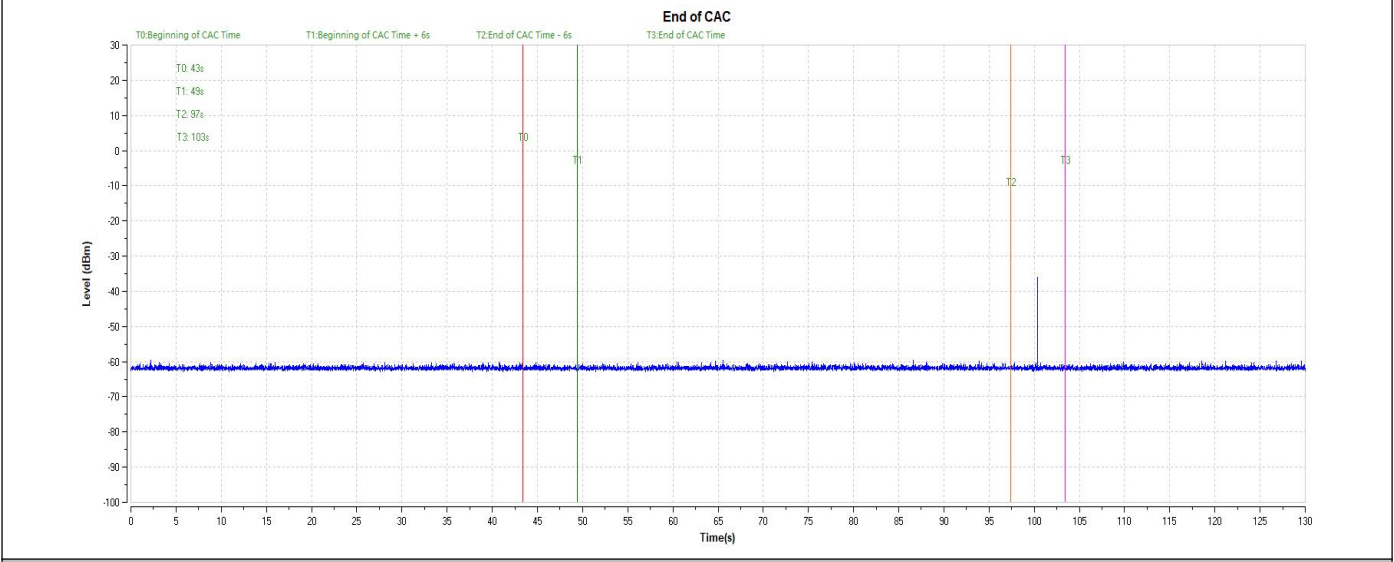
11BE160-5250-Type0-PASS



11BE160-5570-Type0-PASS



11BE160-5250-Type0-PASS



11BE160-5570-Type0-PASS

Statistical Performance check

Note: All BW modes have been tested, only worse case 802.11 be160 mode is reported.

TestMode	Frequency[MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
11BE160	5250	Type1	25	5	83.33	60	PASS
11BE160	5250	Type2	26	4	86.67	60	PASS
11BE160	5250	Type3	26	4	86.67	60	PASS
11BE160	5250	Type4	24	6	80.00	60	PASS
11BE160	5250	Type 1-4	---	---	84.14	80	PASS
11BE160	5250	Type5	25	5	83.33	80	PASS
11BE160	5250	Type6	25	5	83.33	70	PASS
11BE160	5570	Type1	26	4	86.67	60	PASS
11BE160	5570	Type2	24	6	80.00	60	PASS
11BE160	5570	Type3	27	3	90.00	60	PASS
11BE160	5570	Type4	27	3	90.00	60	PASS
11BE160	5570	Type 1-4	---	---	86.67	80	PASS
11BE160	5570	Type5	26	4	86.67	80	PASS
11BE160	5570	Type6	25	5	83.33	70	PASS

TestMode	Frequency [MHz]	Radar Type	Trial ID	Pulse width(μ s)	PRI(μ s)	Pulses per Burst	Detection (1: Yes; 0: No)
11BE160	5250	Type1	0	1.0	938.0	57	1
11BE160	5250	Type1	1	1.0	698.0	76	1
11BE160	5250	Type1	2	1.0	618.0	86	1
11BE160	5250	Type1	3	1.0	538.0	99	0
11BE160	5250	Type1	4	1.0	878.0	61	1
11BE160	5250	Type1	5	1.0	3066.0	18	1
11BE160	5250	Type1	6	1.0	638.0	83	0
11BE160	5250	Type1	7	1.0	918.0	58	1
11BE160	5250	Type1	8	1.0	838.0	63	1
11BE160	5250	Type1	9	1.0	858.0	62	0
11BE160	5250	Type1	10	1.0	798.0	67	1
11BE160	5250	Type1	11	1.0	718.0	74	1
11BE160	5250	Type1	12	1.0	578.0	92	0
11BE160	5250	Type1	13	1.0	598.0	89	1
11BE160	5250	Type1	14	1.0	558.0	95	1
11BE160	5250	Type1	15	1.0	2536.0	21	1
11BE160	5250	Type1	16	1.0	966.0	55	1
11BE160	5250	Type1	17	1.0	827.0	64	1
11BE160	5250	Type1	18	1.0	2501.0	22	1
11BE160	5250	Type1	19	1.0	2595.0	21	1
11BE160	5250	Type1	20	1.0	1114.0	48	0
11BE160	5250	Type1	21	1.0	1302.0	41	1
11BE160	5250	Type1	22	1.0	3045.0	18	1
11BE160	5250	Type1	23	1.0	1624.0	33	1
11BE160	5250	Type1	24	1.0	2878.0	19	1
11BE160	5250	Type1	25	1.0	1027.0	52	1
11BE160	5250	Type1	26	1.0	2485.0	22	1
11BE160	5250	Type1	27	1.0	1600.0	33	1
11BE160	5250	Type1	28	1.0	1172.0	46	1
11BE160	5250	Type1	29	1.0	1177.0	45	1
11BE160	5250	Type2	0	3.2	179.0	26	1
11BE160	5250	Type2	1	1.1	207.0	23	1
11BE160	5250	Type2	2	2.1	230.0	24	1
11BE160	5250	Type2	3	4.8	200.0	29	1
11BE160	5250	Type2	5	2.9	222.0	26	1

11BE160	5250	Type2	6	3.2	204.0	26	1
11BE160	5250	Type2	7	2.5	192.0	25	1
11BE160	5250	Type2	8	3.1	164.0	26	1
11BE160	5250	Type2	9	1.2	156.0	23	1
11BE160	5250	Type2	10	3.9	210.0	27	0
11BE160	5250	Type2	4	3.9	214.0	28	1
11BE160	5250	Type2	11	4.6	201.0	29	1
11BE160	5250	Type2	12	3.2	162.0	26	1
11BE160	5250	Type2	13	2.2	197.0	25	1
11BE160	5250	Type2	14	4.5	163.0	29	0
11BE160	5250	Type2	15	3.0	203.0	26	1
11BE160	5250	Type2	16	5.0	168.0	29	1
11BE160	5250	Type2	17	2.4	217.0	25	0
11BE160	5250	Type2	18	2.9	191.0	26	1
11BE160	5250	Type2	19	2.3	166.0	25	0
11BE160	5250	Type2	20	3.7	150.0	27	1
11BE160	5250	Type2	21	2.2	176.0	25	1
11BE160	5250	Type2	22	4.9	195.0	29	1
11BE160	5250	Type2	23	2.9	202.0	26	1
11BE160	5250	Type2	24	2.5	178.0	25	1
11BE160	5250	Type2	25	1.1	206.0	23	1
11BE160	5250	Type2	26	3.8	155.0	27	1
11BE160	5250	Type2	27	4.7	157.0	29	1
11BE160	5250	Type2	28	2.4	224.0	25	1
11BE160	5250	Type2	29	4.2	159.0	28	1
11BE160	5250	Type3	0	8.2	355.0	17	1
11BE160	5250	Type3	1	6.1	487.0	16	0
11BE160	5250	Type3	2	7.1	344.0	16	1
11BE160	5250	Type3	3	9.8	288.0	18	1
11BE160	5250	Type3	4	8.9	230.0	18	1
11BE160	5250	Type3	5	7.9	432.0	17	0
11BE160	5250	Type3	6	8.2	207.0	17	1
11BE160	5250	Type3	7	7.5	443.0	17	1
11BE160	5250	Type3	8	8.1	439.0	17	0
11BE160	5250	Type3	9	6.2	223.0	16	1
11BE160	5250	Type3	10	8.9	208.0	18	1
11BE160	5250	Type3	11	9.6	463.0	18	1

11BE160	5250	Type3	12	8.2	441.0	17	1
11BE160	5250	Type3	13	7.2	323.0	16	1
11BE160	5250	Type3	14	9.5	297.0	18	1
11BE160	5250	Type3	15	8.0	412.0	17	1
11BE160	5250	Type3	16	10.0	324.0	18	1
11BE160	5250	Type3	17	7.4	271.0	17	1
11BE160	5250	Type3	18	7.9	349.0	17	1
11BE160	5250	Type3	19	7.3	409.0	16	1
11BE160	5250	Type3	20	8.7	373.0	18	0
11BE160	5250	Type3	21	7.2	254.0	16	1
11BE160	5250	Type3	22	9.9	274.0	18	1
11BE160	5250	Type3	23	7.9	278.0	17	1
11BE160	5250	Type3	24	7.5	317.0	17	1
11BE160	5250	Type3	25	6.1	260.0	16	1
11BE160	5250	Type3	26	8.8	211.0	18	1
11BE160	5250	Type3	27	9.7	272.0	18	1
11BE160	5250	Type3	28	7.4	264.0	17	1
11BE160	5250	Type3	29	9.2	284.0	18	1
11BE160	5250	Type4	0	16.0	355.0	14	1
11BE160	5250	Type4	1	11.3	487.0	12	1
11BE160	5250	Type4	2	13.5	344.0	13	1
11BE160	5250	Type4	3	19.4	288.0	16	1
11BE160	5250	Type4	4	17.5	230.0	15	0
11BE160	5250	Type4	5	15.3	432.0	14	1
11BE160	5250	Type4	6	15.9	207.0	14	1
11BE160	5250	Type4	7	14.3	443.0	13	0
11BE160	5250	Type4	8	15.8	439.0	14	1
11BE160	5250	Type4	9	11.5	223.0	12	0
11BE160	5250	Type4	10	17.4	208.0	15	1
11BE160	5250	Type4	11	19.0	463.0	16	1
11BE160	5250	Type4	12	16.0	441.0	14	1
11BE160	5250	Type4	13	13.8	323.0	13	1
11BE160	5250	Type4	14	18.9	297.0	16	1
11BE160	5250	Type4	15	15.5	412.0	14	1
11BE160	5250	Type4	16	19.9	324.0	16	0
11BE160	5250	Type4	17	14.1	271.0	13	1
11BE160	5250	Type4	18	15.2	349.0	14	0

11BE160	5250	Type4	19	13.8	409.0	13	1
11BE160	5250	Type4	20	17.1	373.0	15	0
11BE160	5250	Type4	21	13.8	254.0	13	1
11BE160	5250	Type4	22	19.8	274.0	16	1
11BE160	5250	Type4	23	15.3	278.0	14	1
11BE160	5250	Type4	24	14.5	317.0	13	1
11BE160	5250	Type4	25	11.3	260.0	12	1
11BE160	5250	Type4	26	17.3	211.0	15	1
11BE160	5250	Type4	27	19.2	272.0	16	1
11BE160	5250	Type4	28	14.2	264.0	13	1
11BE160	5250	Type4	29	18.2	284.0	15	1
11BE160	5570	Type1	0	1.0	938.0	57	1
11BE160	5570	Type1	1	1.0	698.0	76	1
11BE160	5570	Type1	2	1.0	618.0	86	0
11BE160	5570	Type1	3	1.0	538.0	99	1
11BE160	5570	Type1	4	1.0	878.0	61	1
11BE160	5570	Type1	5	1.0	3066.0	18	1
11BE160	5570	Type1	6	1.0	638.0	83	0
11BE160	5570	Type1	7	1.0	918.0	58	1
11BE160	5570	Type1	8	1.0	838.0	63	1
11BE160	5570	Type1	9	1.0	858.0	62	0
11BE160	5570	Type1	10	1.0	798.0	67	1
11BE160	5570	Type1	11	1.0	718.0	74	1
11BE160	5570	Type1	12	1.0	578.0	92	1
11BE160	5570	Type1	13	1.0	598.0	89	1
11BE160	5570	Type1	14	1.0	558.0	95	1
11BE160	5570	Type1	15	1.0	2536.0	21	1
11BE160	5570	Type1	16	1.0	966.0	55	1
11BE160	5570	Type1	17	1.0	827.0	64	1
11BE160	5570	Type1	18	1.0	2501.0	22	1
11BE160	5570	Type1	19	1.0	2595.0	21	0
11BE160	5570	Type1	20	1.0	1114.0	48	1
11BE160	5570	Type1	21	1.0	1302.0	41	1
11BE160	5570	Type1	22	1.0	3045.0	18	1
11BE160	5570	Type1	23	1.0	1624.0	33	1
11BE160	5570	Type1	24	1.0	2878.0	19	1
11BE160	5570	Type1	25	1.0	1027.0	52	1

11BE160	5570	Type1	26	1.0	2485.0	22	1
11BE160	5570	Type1	27	1.0	1600.0	33	1
11BE160	5570	Type1	28	1.0	1172.0	46	1
11BE160	5570	Type1	29	1.0	1177.0	45	1
11BE160	5570	Type2	0	3.2	179.0	26	1
11BE160	5570	Type2	1	1.1	207.0	23	0
11BE160	5570	Type2	2	2.1	230.0	24	1
11BE160	5570	Type2	3	4.8	200.0	29	1
11BE160	5570	Type2	4	3.9	214.0	28	1
11BE160	5570	Type2	5	2.9	222.0	26	1
11BE160	5570	Type2	6	3.2	204.0	26	0
11BE160	5570	Type2	7	2.5	192.0	25	1
11BE160	5570	Type2	8	3.1	164.0	26	1
11BE160	5570	Type2	9	1.2	156.0	23	1
11BE160	5570	Type2	10	3.9	210.0	27	1
11BE160	5570	Type2	11	4.6	201.0	29	1
11BE160	5570	Type2	12	3.2	162.0	26	0
11BE160	5570	Type2	13	2.2	197.0	25	1
11BE160	5570	Type2	14	4.5	163.0	29	1
11BE160	5570	Type2	15	3.0	203.0	26	1
11BE160	5570	Type2	16	5.0	168.0	29	1
11BE160	5570	Type2	17	2.4	217.0	25	1
11BE160	5570	Type2	18	2.9	191.0	26	1
11BE160	5570	Type2	19	2.3	166.0	25	0
11BE160	5570	Type2	20	3.7	150.0	27	1
11BE160	5570	Type2	21	2.2	176.0	25	1
11BE160	5570	Type2	22	4.9	195.0	29	0
11BE160	5570	Type2	23	2.9	202.0	26	1
11BE160	5570	Type2	24	2.5	178.0	25	1
11BE160	5570	Type2	25	1.1	206.0	23	1
11BE160	5570	Type2	26	3.8	155.0	27	0
11BE160	5570	Type2	27	4.7	157.0	29	1
11BE160	5570	Type2	28	2.4	224.0	25	1
11BE160	5570	Type2	29	4.2	159.0	28	1
11BE160	5570	Type3	0	8.2	355.0	17	1
11BE160	5570	Type3	1	6.1	487.0	16	1
11BE160	5570	Type3	2	7.1	344.0	16	0

11BE160	5570	Type3	3	9.8	288.0	18	1
11BE160	5570	Type3	4	8.9	230.0	18	1
11BE160	5570	Type3	5	7.9	432.0	17	1
11BE160	5570	Type3	6	8.2	207.0	17	1
11BE160	5570	Type3	7	7.5	443.0	17	0
11BE160	5570	Type3	8	8.1	439.0	17	1
11BE160	5570	Type3	9	6.2	223.0	16	1
11BE160	5570	Type3	10	8.9	208.0	18	1
11BE160	5570	Type3	11	9.6	463.0	18	1
11BE160	5570	Type3	12	8.2	441.0	17	1
11BE160	5570	Type3	13	7.2	323.0	16	1
11BE160	5570	Type3	14	9.5	297.0	18	1
11BE160	5570	Type3	15	8.0	412.0	17	1
11BE160	5570	Type3	16	10.0	324.0	18	1
11BE160	5570	Type3	17	7.4	271.0	17	1
11BE160	5570	Type3	18	7.9	349.0	17	1
11BE160	5570	Type3	19	7.3	409.0	16	1
11BE160	5570	Type3	20	8.7	373.0	18	1
11BE160	5570	Type3	21	7.2	254.0	16	0
11BE160	5570	Type3	22	9.9	274.0	18	1
11BE160	5570	Type3	23	7.9	278.0	17	1
11BE160	5570	Type3	24	7.5	317.0	17	1
11BE160	5570	Type3	25	6.1	260.0	16	1
11BE160	5570	Type3	26	8.8	211.0	18	1
11BE160	5570	Type3	27	9.7	272.0	18	1
11BE160	5570	Type3	28	7.4	264.0	17	1
11BE160	5570	Type3	29	9.2	284.0	18	1
11BE160	5570	Type4	0	16.0	355.0	14	1
11BE160	5570	Type4	1	11.3	487.0	12	1
11BE160	5570	Type4	2	13.5	344.0	13	1
11BE160	5570	Type4	3	19.4	288.0	16	1
11BE160	5570	Type4	4	17.5	230.0	15	1
11BE160	5570	Type4	5	15.3	432.0	14	1
11BE160	5570	Type4	6	15.9	207.0	14	1
11BE160	5570	Type4	7	14.3	443.0	13	1
11BE160	5570	Type4	8	15.8	439.0	14	1
11BE160	5570	Type4	9	11.5	223.0	12	1

11BE160	5570	Type4	10	17.4	208.0	15	1
11BE160	5570	Type4	11	19.0	463.0	16	1
11BE160	5570	Type4	12	16.0	441.0	14	1
11BE160	5570	Type4	13	13.8	323.0	13	0
11BE160	5570	Type4	14	18.9	297.0	16	1
11BE160	5570	Type4	15	15.5	412.0	14	1
11BE160	5570	Type4	16	19.9	324.0	16	1
11BE160	5570	Type4	17	14.1	271.0	13	1
11BE160	5570	Type4	18	15.2	349.0	14	0
11BE160	5570	Type4	19	13.8	409.0	13	1
11BE160	5570	Type4	20	17.1	373.0	15	1
11BE160	5570	Type4	21	13.8	254.0	13	1
11BE160	5570	Type4	22	19.8	274.0	16	0
11BE160	5570	Type4	23	15.3	278.0	14	1
11BE160	5570	Type4	24	14.5	317.0	13	1
11BE160	5570	Type4	25	11.3	260.0	12	1
11BE160	5570	Type4	26	17.3	211.0	15	1
11BE160	5570	Type4	27	19.2	272.0	16	1
11BE160	5570	Type4	28	14.2	264.0	13	1
11BE160	5570	Type4	29	18.2	284.0	15	1

TestMode	Frequency [MHz]	Radar Type	Trial ID	Number Of Bursts	Waveform Length(s)	Radar Frequency	Detection (1: Yes; 0: No)
11BE160	5250	Type5	0	15	12	5250	1
11BE160	5250	Type5	1	8	12	5250	1
11BE160	5250	Type5	2	11	12	5250	1
11BE160	5250	Type5	3	20	12	5250	1
11BE160	5250	Type5	4	17	12	5250	0
11BE160	5250	Type5	5	14	12	5250	1
11BE160	5250	Type5	6	15	12	5250	1
11BE160	5250	Type5	7	12	12	5250	1
11BE160	5250	Type5	8	14	12	5250	0
11BE160	5250	Type5	9	8	12	5250	1
11BE160	5250	Type5	10	17	12	5258	1
11BE160	5250	Type5	11	19	12	5260	1
11BE160	5250	Type5	12	15	12	5257	1
11BE160	5250	Type5	13	12	12	5256	0
11BE160	5250	Type5	14	19	12	5259	1
11BE160	5250	Type5	15	14	12	5257	1
11BE160	5250	Type5	16	20	12	5260	1
11BE160	5250	Type5	17	12	12	5256	1
11BE160	5250	Type5	18	14	12	5257	0
11BE160	5250	Type5	19	12	12	5256	1
11BE160	5250	Type5	20	16	12	5322	1
11BE160	5250	Type5	21	12	12	5324	1
11BE160	5250	Type5	22	20	12	5320	1
11BE160	5250	Type5	23	14	12	5323	0
11BE160	5250	Type5	24	13	12	5324	1
11BE160	5250	Type5	25	8	12	5326	1
11BE160	5250	Type5	26	17	12	5322	1
11BE160	5250	Type5	27	19	12	5320	1
11BE160	5250	Type5	28	12	12	5324	1
11BE160	5250	Type5	29	18	12	5321	1
11BE160	5570	Type5	0	15	12	5570	1
11BE160	5570	Type5	1	8	12	5570	1
11BE160	5570	Type5	2	11	12	5570	1
11BE160	5570	Type5	3	20	12	5570	1
11BE160	5570	Type5	4	17	12	5570	1
11BE160	5570	Type5	5	14	12	5570	1

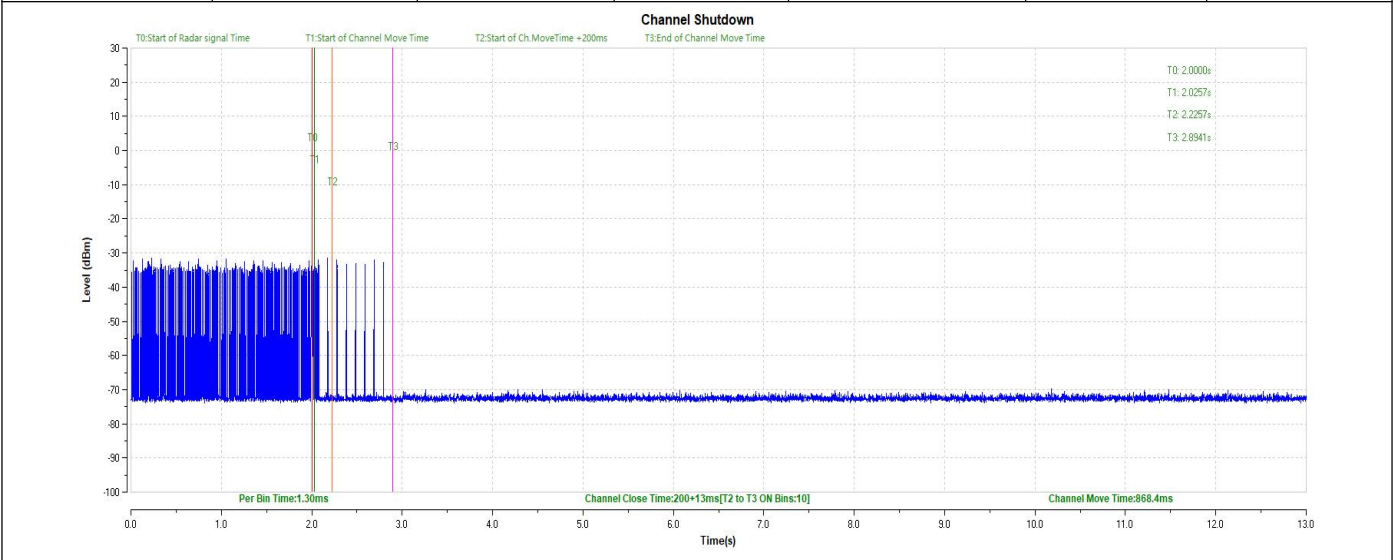
11BE160	5570	Type5	6	15	12	5570	1
11BE160	5570	Type5	7	12	12	5570	0
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11BE160	5570	Type5	9	8	12	5570	1
11BE160	5570	Type5	10	17	12	5499	1
11BE160	5570	Type5	11	19	12	5500	1
11BE160	5570	Type5	12	15	12	5498	0
11BE160	5570	Type5	13	12	12	5496	1
11BE160	5570	Type5	14	19	12	5500	1
11BE160	5570	Type5	15	14	12	5497	1
11BE160	5570	Type5	16	20	12	5500	1
11BE160	5570	Type5	17	12	12	5496	1
11BE160	5570	Type5	18	14	12	5497	1
11BE160	5570	Type5	19	12	12	5496	0
11BE160	5570	Type5	20	16	12	5562	1
11BE160	5570	Type5	21	12	12	5564	1
11BE160	5570	Type5	22	20	12	5560	0
11BE160	5570	Type5	23	14	12	5563	1
11BE160	5570	Type5	24	13	12	5563	1
11BE160	5570	Type5	25	8	12	5566	1
11BE160	5570	Type5	26	17	12	5561	1
11BE160	5570	Type5	27	19	12	5560	1
11BE160	5570	Type5	28	12	12	5564	1
11BE160	5570	Type5	29	18	12	5561	1

TestMode	Frequency [MHz]	Radar Type	Trial ID	Pulse width(μ s)	PRI(μ s)	Pulses per Hop	Detection (1: Yes; 0: No)
11BE160	5250	Type6	0	1	333.3	9	1
11BE160	5250	Type6	1	1	333.3	9	1
11BE160	5250	Type6	2	1	333.3	9	1
11BE160	5250	Type6	3	1	333.3	9	1
11BE160	5250	Type6	4	1	333.3	9	1
11BE160	5250	Type6	5	1	333.3	9	1
11BE160	5250	Type6	6	1	333.3	9	1
11BE160	5250	Type6	7	1	333.3	9	0
11BE160	5250	Type6	8	1	333.3	9	1
11BE160	5250	Type6	9	1	333.3	9	1
11BE160	5250	Type6	10	1	333.3	9	1
11BE160	5250	Type6	11	1	333.3	9	1
11BE160	5250	Type6	12	1	333.3	9	1
11BE160	5250	Type6	13	1	333.3	9	1
11BE160	5250	Type6	14	1	333.3	9	1
11BE160	5250	Type6	15	1	333.3	9	0
11BE160	5250	Type6	16	1	333.3	9	1
11BE160	5250	Type6	17	1	333.3	9	1
11BE160	5250	Type6	18	1	333.3	9	1
11BE160	5250	Type6	19	1	333.3	9	0
11BE160	5250	Type6	20	1	333.3	9	1
11BE160	5250	Type6	21	1	333.3	9	1
11BE160	5250	Type6	22	1	333.3	9	1
11BE160	5250	Type6	23	1	333.3	9	1
11BE160	5250	Type6	24	1	333.3	9	1
11BE160	5250	Type6	25	1	333.3	9	0
11BE160	5250	Type6	26	1	333.3	9	1
11BE160	5250	Type6	27	1	333.3	9	1
11BE160	5250	Type6	28	1	333.3	9	0
11BE160	5250	Type6	29	1	333.3	9	1
11BE160	5570	Type6	0	1	333.3	9	1
11BE160	5570	Type6	1	1	333.3	9	1
11BE160	5570	Type6	2	1	333.3	9	1
11BE160	5570	Type6	3	1	333.3	9	1
11BE160	5570	Type6	4	1	333.3	9	1
11BE160	5570	Type6	5	1	333.3	9	0

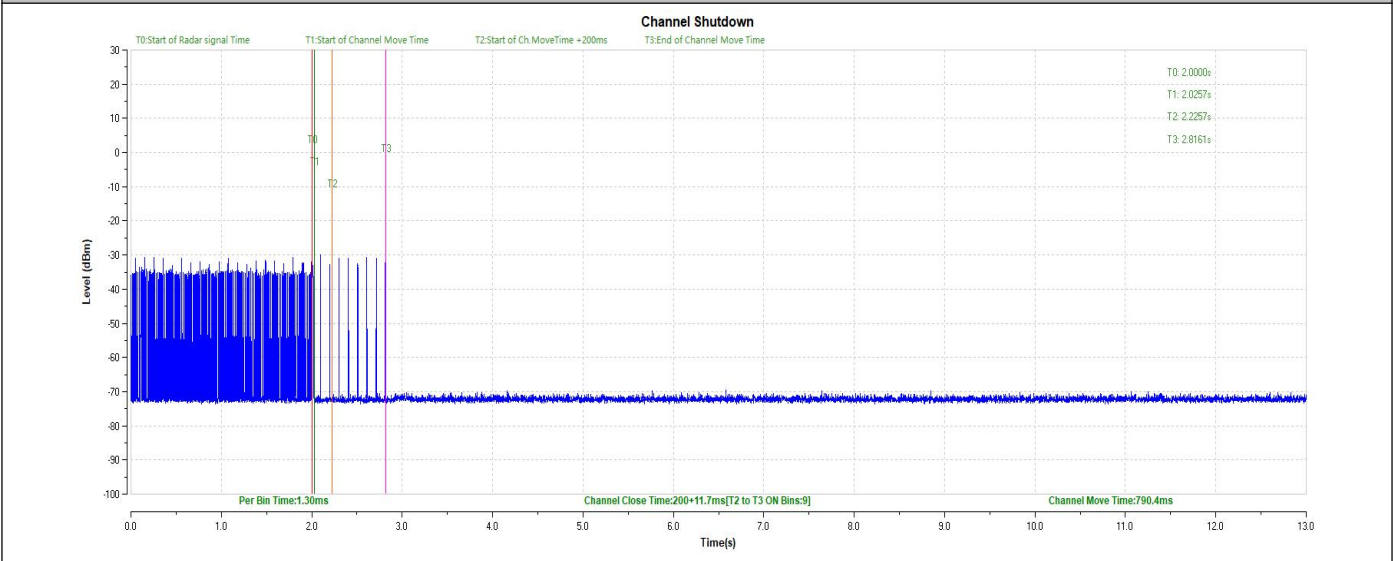
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11BE160	5570	Type6	7	1	333.3	9	1
11BE160	5570	Type6	8	1	333.3	9	1
11BE160	5570	Type6	9	1	333.3	9	1
11BE160	5570	Type6	10	1	333.3	9	0
11BE160	5570	Type6	11	1	333.3	9	0
11BE160	5570	Type6	12	1	333.3	9	1
11BE160	5570	Type6	13	1	333.3	9	1
11BE160	5570	Type6	14	1	333.3	9	1
11BE160	5570	Type6	15	1	333.3	9	1
11BE160	5570	Type6	16	1	333.3	9	1
11BE160	5570	Type6	17	1	333.3	9	0
11BE160	5570	Type6	18	1	333.3	9	1
11BE160	5570	Type6	19	1	333.3	9	1
11BE160	5570	Type6	20	1	333.3	9	1
11BE160	5570	Type6	21	1	333.3	9	0
11BE160	5570	Type6	22	1	333.3	9	1
11BE160	5570	Type6	23	1	333.3	9	1
11BE160	5570	Type6	24	1	333.3	9	1
11BE160	5570	Type6	25	1	333.3	9	1
11BE160	5570	Type6	26	1	333.3	9	1
11BE160	5570	Type6	27	1	333.3	9	1
11BE160	5570	Type6	28	1	333.3	9	1
11BE160	5570	Type6	29	1	333.3	9	1

Channel Move Time and Channel Closing Transmission Time

Test Mode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX160	5250	200+13	200+60	868.4	10000	PASS
11AX160	5570	200+11.7	200+60	790.4	10000	PASS



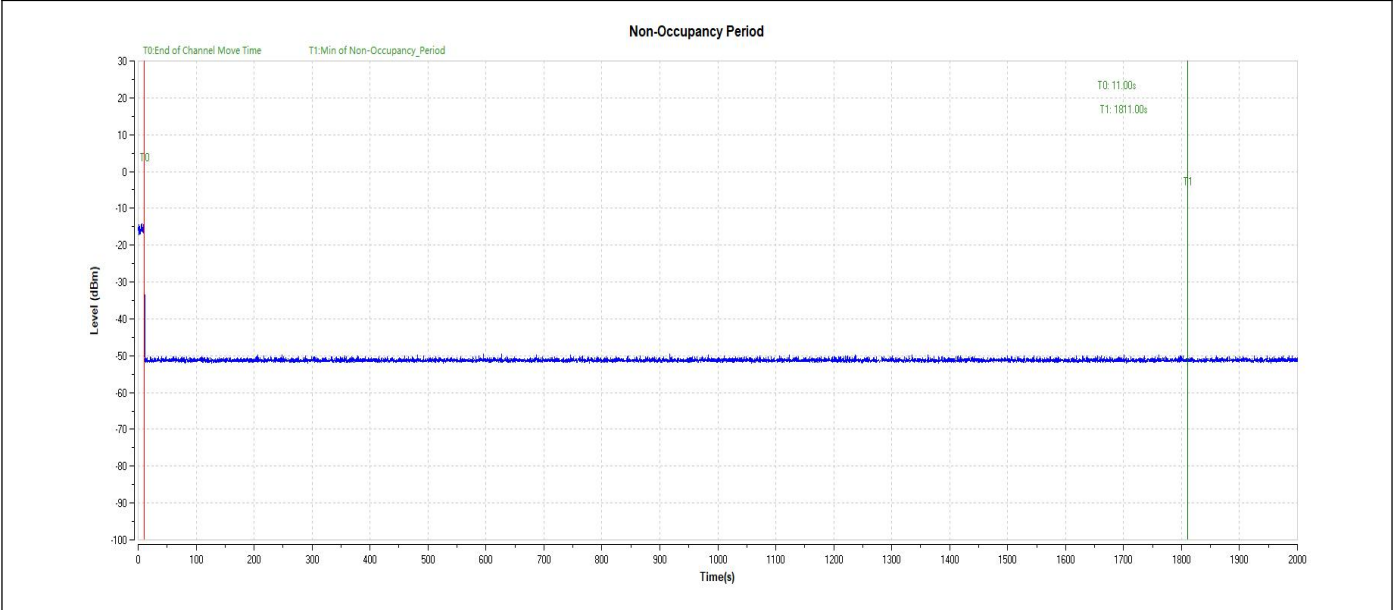
11AX160_5250



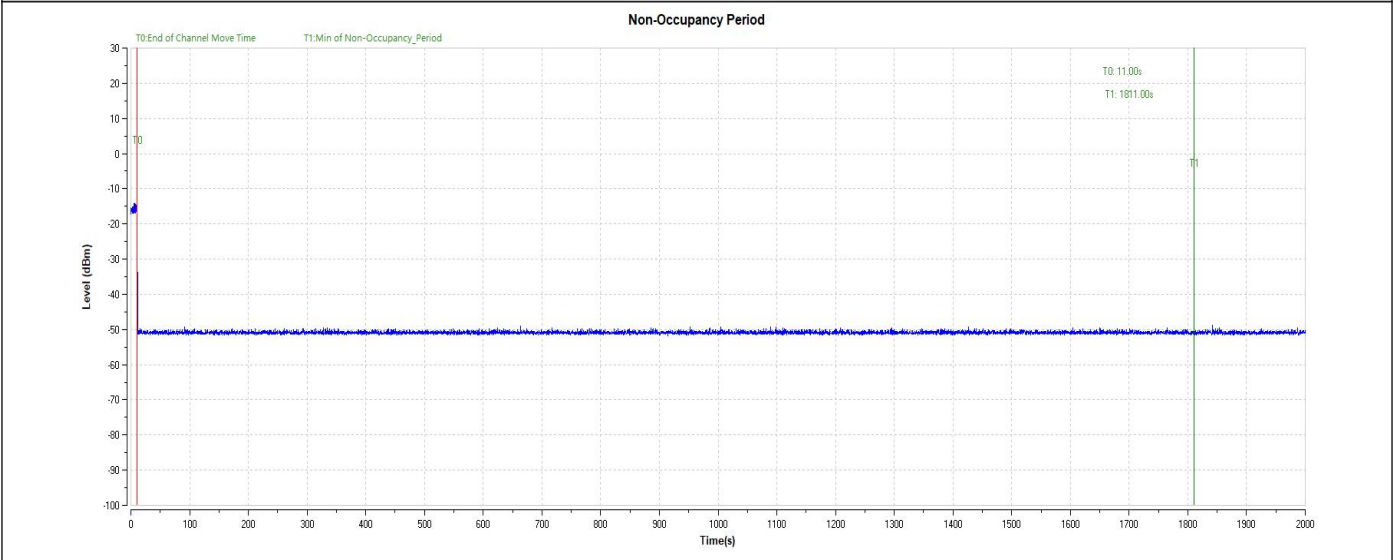
11AX160_5570

Non-occupancy Period

Test Mode	Frequency[MHz]	Result	Limit[s]	Verdict
11BE160	5250	see test graph	≥1800	PASS
11BE160	5570	see test graph	≥1800	PASS



11BE160-5250-Type0-PASS



11BE160-5570-Type0-PASS

U-NII Detection Bandwidth

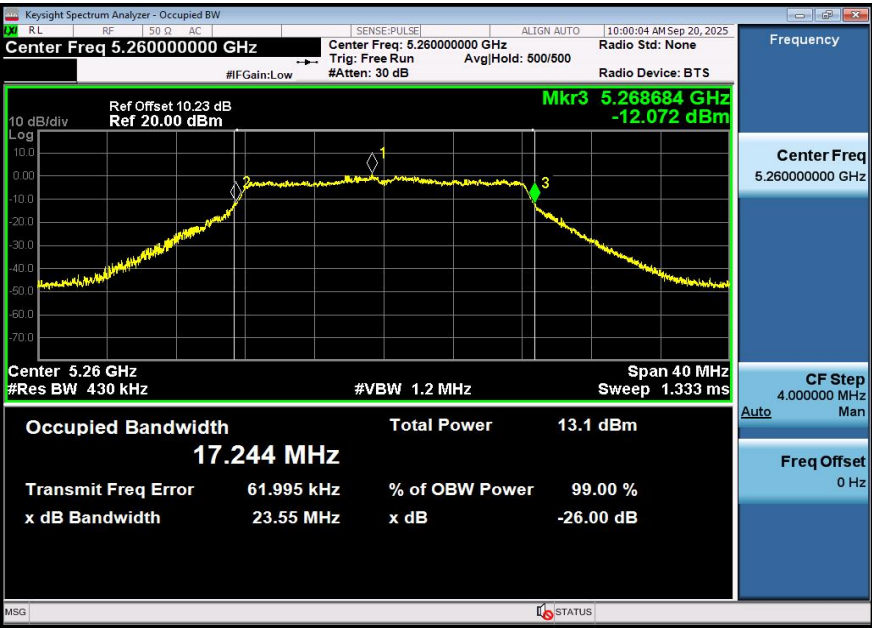
Test Result

Test Mode	Frequency[MHz]	FL[MHz]	FH[MHz]	Detection Bandwidth [MHz]	OCB [MHz]	Ratio [%]	Limit [%]	Verdict
11BE20	5260	5250	5270	20	17.244	115.98	≥100	PASS
	5500	5490	5510	20	17.263	115.85	≥100	PASS
11BE40	5270	5250	5290	40	36.777	108.76	≥100	PASS
	5510	5490	5530	40	36.987	108.15	≥100	PASS
11BE80	5290	5250	5330	80	76.475	104.61	≥100	PASS
	5530	5490	5570	80	76.359	104.77	≥100	PASS
11BE160	5250	5250	5330	160	157.88	101.34	≥100	PASS
	5570	5490	5650	160	157.97	101.29	≥100	PASS
Note:								

[illegible]

		5545	1	1	1	1	1	1	1	1	1	1	100	
		5550	1	1	1	1	1	1	1	1	1	1	100	
		5555	1	1	1	1	1	1	1	1	1	1	100	
		5560	1	1	1	1	1	1	1	1	1	1	100	
		5565	1	1	1	1	1	1	1	1	1	1	100	
		5570	1	1	1	1	1	1	1	1	1	1	100	
		5571	0	0	0	0	0	0	0	0	0	0	0	
11BE160	5250	5250	1	1	1	1	1	1	1	1	1	1	100	
		5249	0	0	0	0	0	0	0	0	0	0	0	
		5255	1	1	1	1	1	1	1	1	1	1	100	
		5260	1	1	1	1	1	1	1	1	1	1	100	
		5265	1	1	1	1	1	1	1	1	1	1	100	
		5270	1	1	1	1	1	1	1	1	1	1	100	
		5275	1	1	1	1	1	1	1	1	1	1	100	
		5280	1	1	1	1	1	1	1	1	1	1	100	
		5285	1	1	1	1	1	1	1	1	1	1	100	
		5290	1	1	1	1	1	1	1	1	1	1	100	
		5295	1	1	1	1	1	1	1	1	1	1	100	
		5300	1	1	1	1	1	1	1	1	1	1	100	
		5305	1	1	1	1	1	1	1	1	1	1	100	
		5310	1	1	1	1	1	1	1	1	1	1	100	
		5315	1	1	1	1	1	1	1	1	1	1	100	
		5320	1	1	1	1	1	1	1	1	1	1	100	
		5325	1	1	1	1	1	1	1	1	1	1	100	
		5330	1	1	1	1	1	1	1	1	1	1	100	
		5331	0	0	0	0	0	0	0	0	0	0	0	
	5570	5570	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
		5560	1	1	1	1	1	1	1	1	1	1	1	100
		5555	1	1	1	1	1	1	1	1	1	1	1	100
		5550	1	1	1	1	1	1	1	1	1	1	1	100
		5545	1	1	1	1	1	1	1	1	1	1	1	100
		5540	1	1	1	1	1	1	1	1	1	1	1	100
		5535	1	1	1	1	1	1	1	1	1	1	1	100
		5530	1	1	1	1	1	1	1	1	1	1	1	100
		5525	1	1	1	1	1	1	1	1	1	1	1	100
		5520	1	1	1	1	1	1	1	1	1	1	1	100
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		5510	1	1	1	1	1	1	1	1	1	1	1	100
		5505	1	1	1	1	1	1	1	1	1	1	1	100
		5500	1	1	1	1	1	1	1	1	1	1	1	100
		5495	1	1	1	1	1	1	1	1	1	1	1	100
		5490	1	1	1	1	1	1	1	1	1	1	1	100
		5489	0	0	0	0	0	0	0	0	0	0	0	0
		5575	1	1	1	1	1	1	1	1	1	1	1	100
		5580	1	1	1	1	1	1	1	1	1	1	1	100
		5585	1	1	1	1	1	1	1	1	1	1	1	100
		5590	1	1	1	1	1	1	1	1	1	1	1	100
		5595	1	1	1	1	1	1	1	1	1	1	1	100
		5600	1	1	1	1	1	1	1	1	1	1	1	100
		5605	1	1	1	1	1	1	1	1	1	1	1	100
		5610	1	1	1	1	1	1	1	1	1	1	1	100
		5615	1	1	1	1	1	1	1	1	1	1	1	100
		5620	1	1	1	1	1	1	1	1	1	1	1	100
		5625	1	1	1	1	1	1	1	1	1	1	1	100
		5630	1	1	1	1	1	1	1	1	1	1	1	100
		5635	1	1	1	1	1	1	1	1	1	1	1	100
		5640	1	1	1	1	1	1	1	1	1	1	1	100
5645	1	1	1	1	1	1	1	1	1	1	1	100		
5650	1	1	1	1	1	1	1	1	1	1	1	100		
5651	0	0	0	0	0	0	0	0	0	0	0	0		

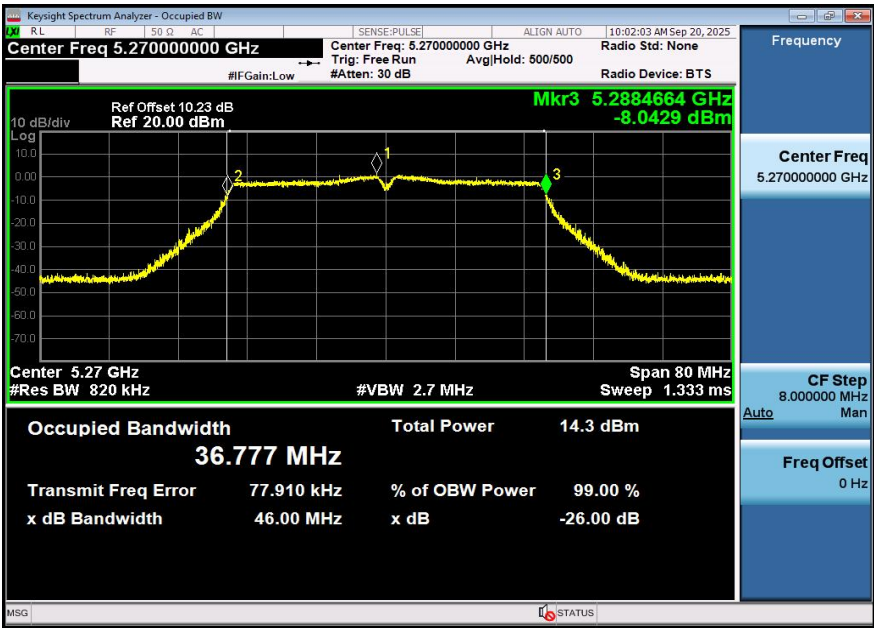
Test Graphs



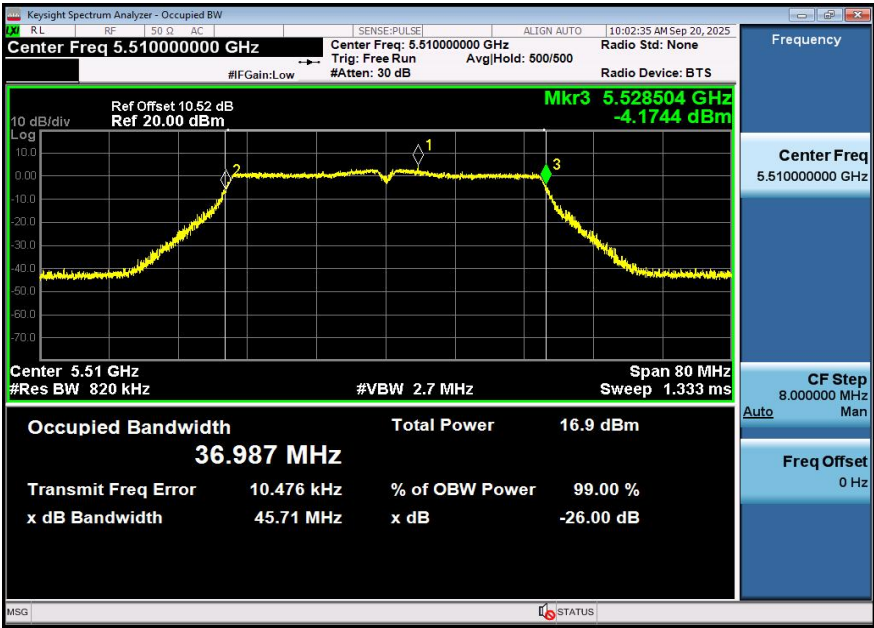
11BE-5260-PASS



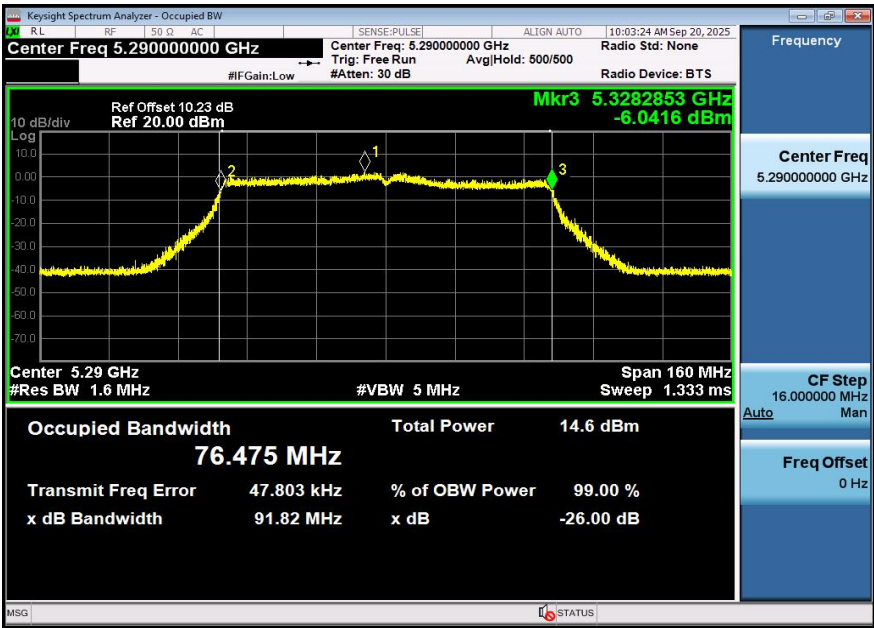
11BE -5500-PASS



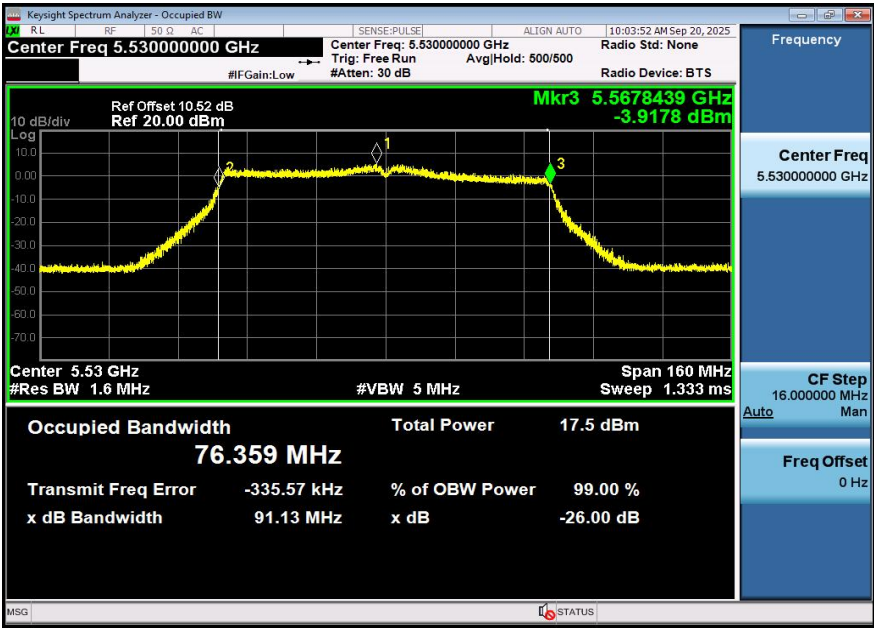
11BE40-5270-PASS



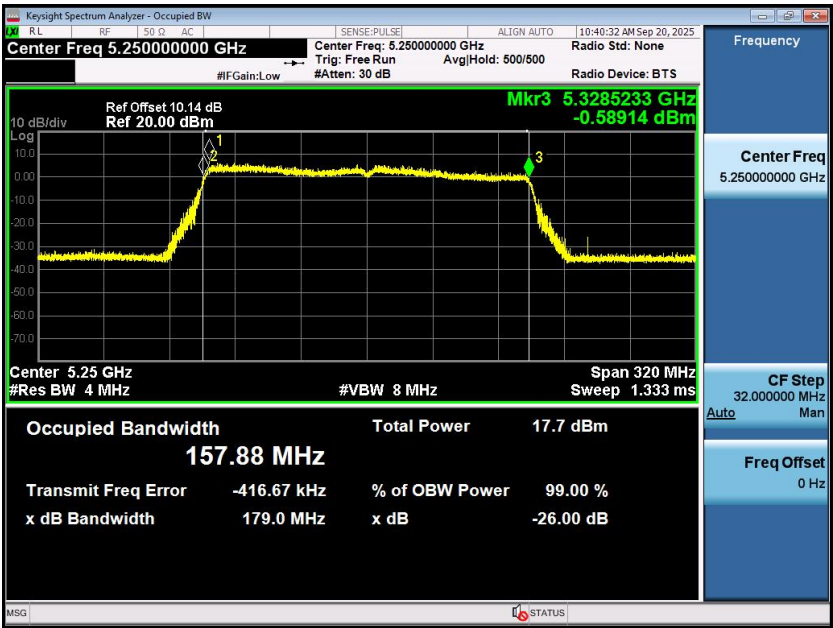
11BE40-5510-PASS



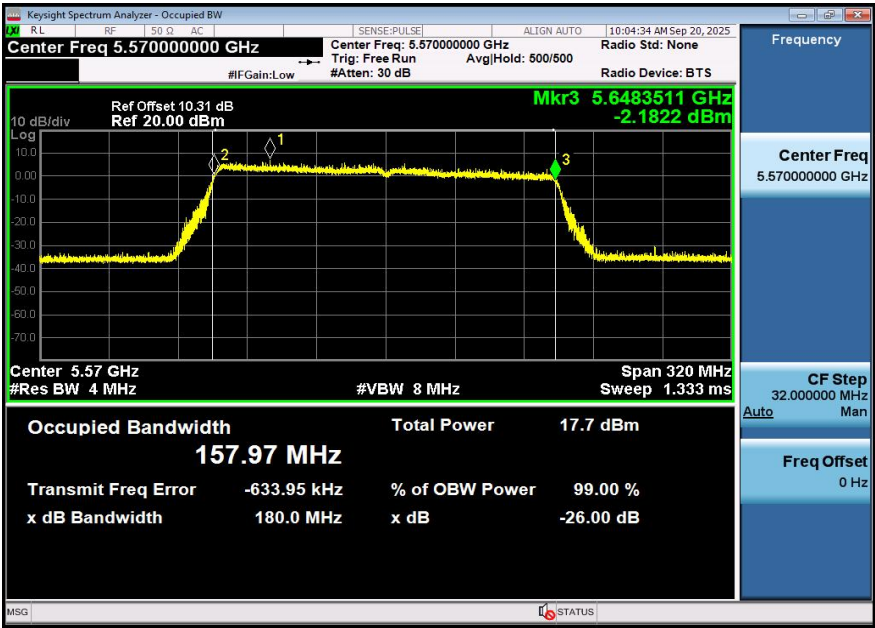
11BE80SISO-5290-PASS



11BE80SISO-5530-PASS

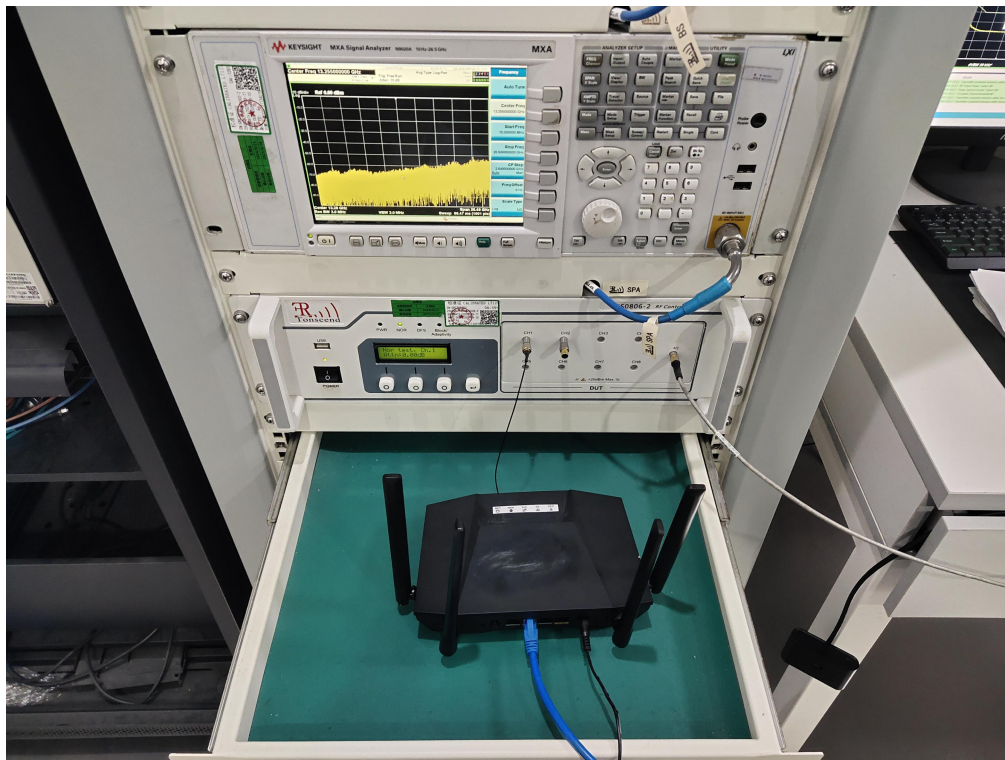


11BE160SISO-5250-PASS



11BE160SISO-5570-PASS

8. Test Setup Photos of the EUT



9. Photos of the EUT

Reference to the test report No. GRCTR25090202801.

***** End of Report *****