



Annex for 5G Wi-Fi Band 2A DFS

Test Report No.: CTL2506042031-WF03

TABLE OF CONTENTS

1. Signal Calibration.....	3
1.1 Test Result	3
1.1.1 SC	3
1.2 Test Graph.....	4
1.2.1 SC	4
2. U-NII Detection Bandwidth.....	8
2.1 Test Result	8
2.1.1 20MHz_5260MHz	8
2.1.2 20MHz_5260MHz_Data.....	8
3. Channel Available Check_init	8
3.1 Test Result	8
3.1.1 CAC_init	8
3.2 Test Graph.....	9
3.2.1 CAC_init	9
4. Channel Available Check_Beginning	10
4.1 Test Result	10
4.1.1 CAC_Begin.....	10
4.2 Test Graph.....	11
4.2.1 CAC_Begin.....	11
5. Channel Available Check_Ending	12



5.1 Test Result	12
5.1.1 CAC_End.....	12
5.2 Test Graph.....	13
5.2.1 CAC_End.....	13
6. Channel Move Time and Closing Transmission Time	14
6.1 Test Result	14
6.1.1 CMT_CTT	14
6.2 Test Graph.....	15
6.2.1 CMT_CTT	15
7. Non-Occupancy Period.....	16
7.1 Test Result	16
7.1.1 Period	16
7.2 Test Graph.....	17
7.2.1 Period	17
8. Statistical Performance Check	18
8.1 Test Result	18
8.1.1 SPC	18
8.1.2 SPC_Data.....	18

FCCID: 2AYHD-SR01

1. Signal Calibration

1.1 Test Result

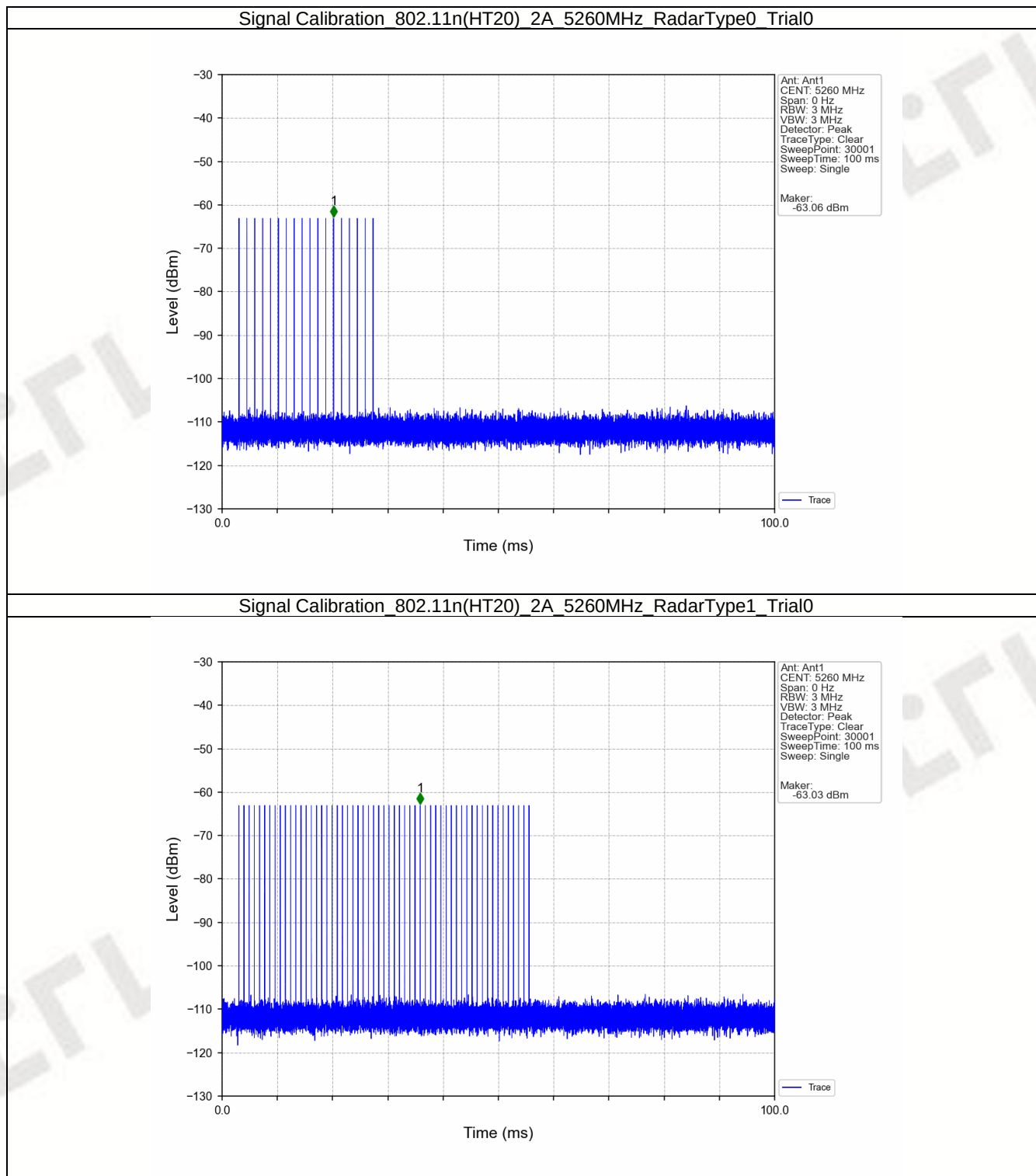
1.1.1 SC

Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11n (HT20)	20	5260	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

FCCID: 2AYHD-SR01

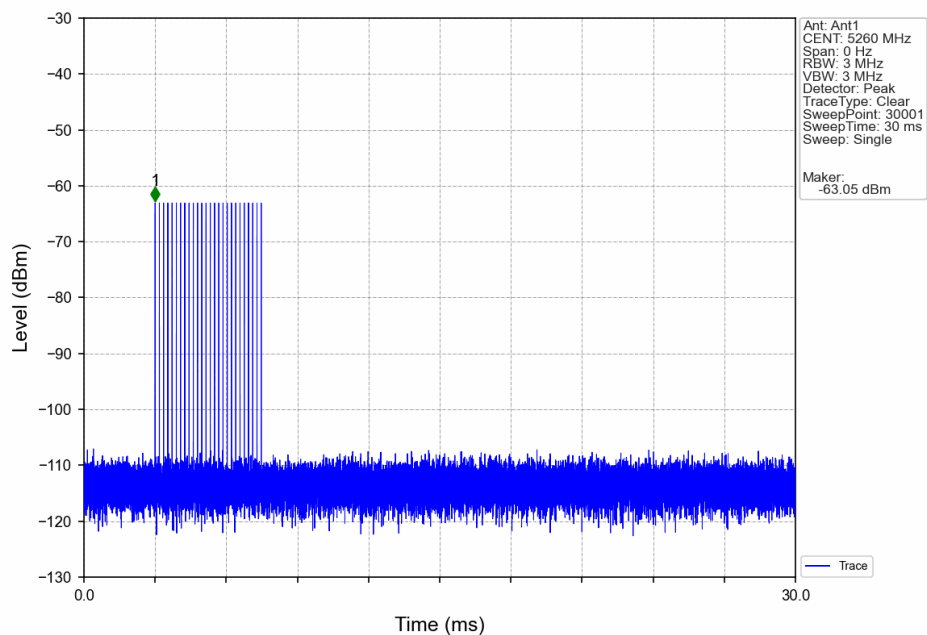
1.2 Test Graph

1.2.1 SC

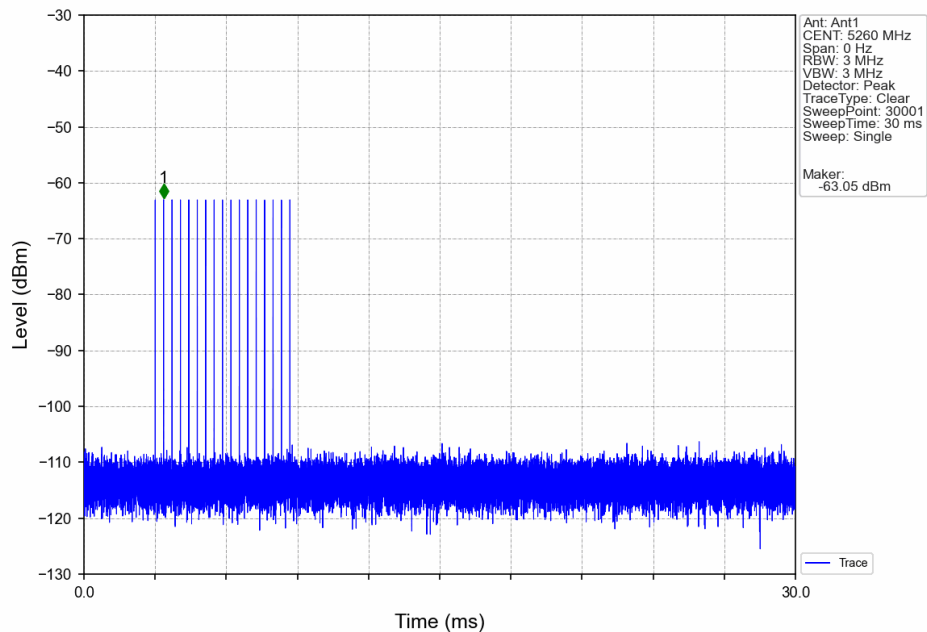


FCCID: 2AYHD-SR01

Signal Calibration_802.11n(HT20)_2A_5260MHz_RadarType2_Trial0

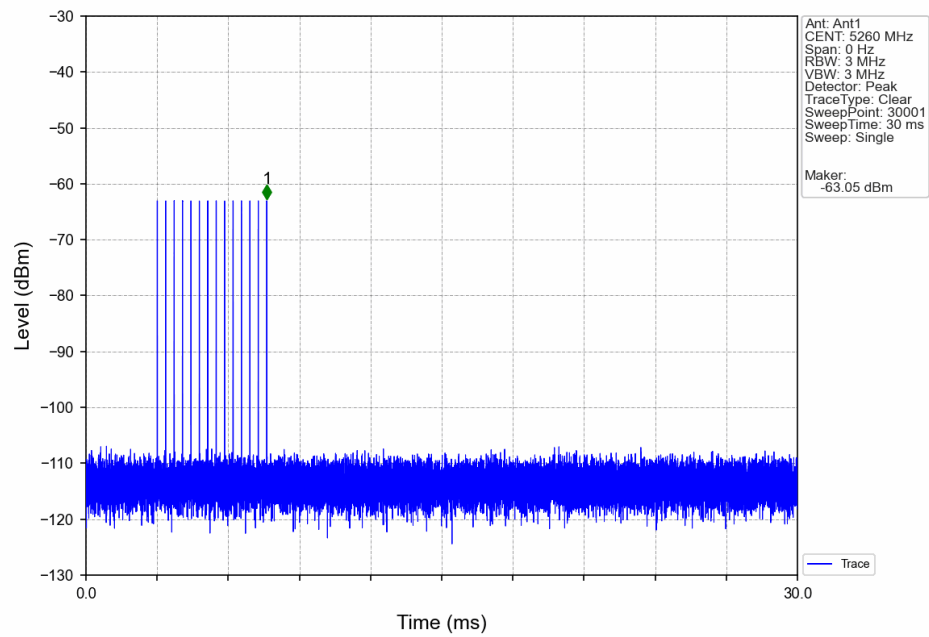


Signal Calibration_802.11n(HT20)_2A_5260MHz_RadarType3_Trial0

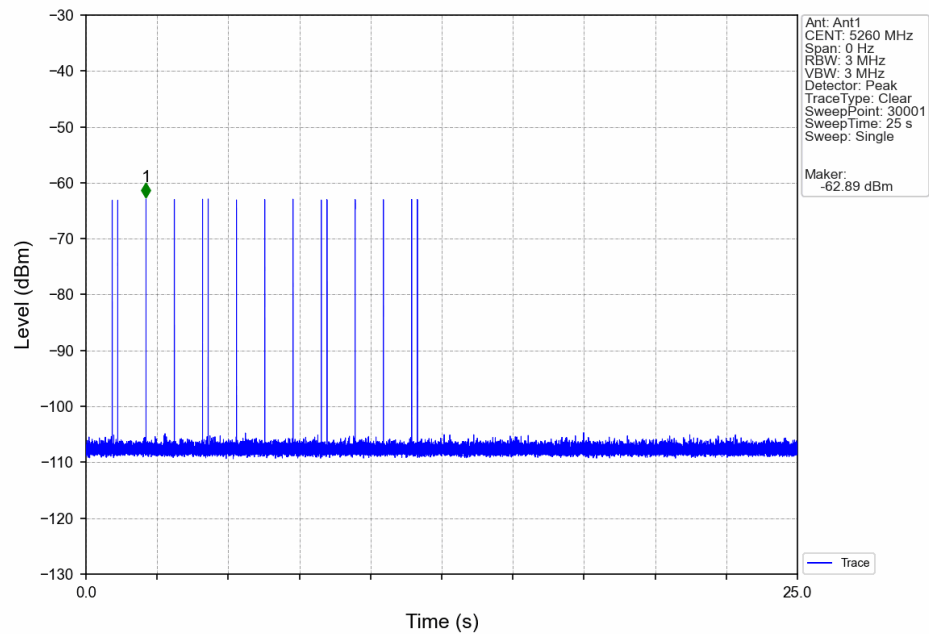


FCCID: 2AYHD-SR01

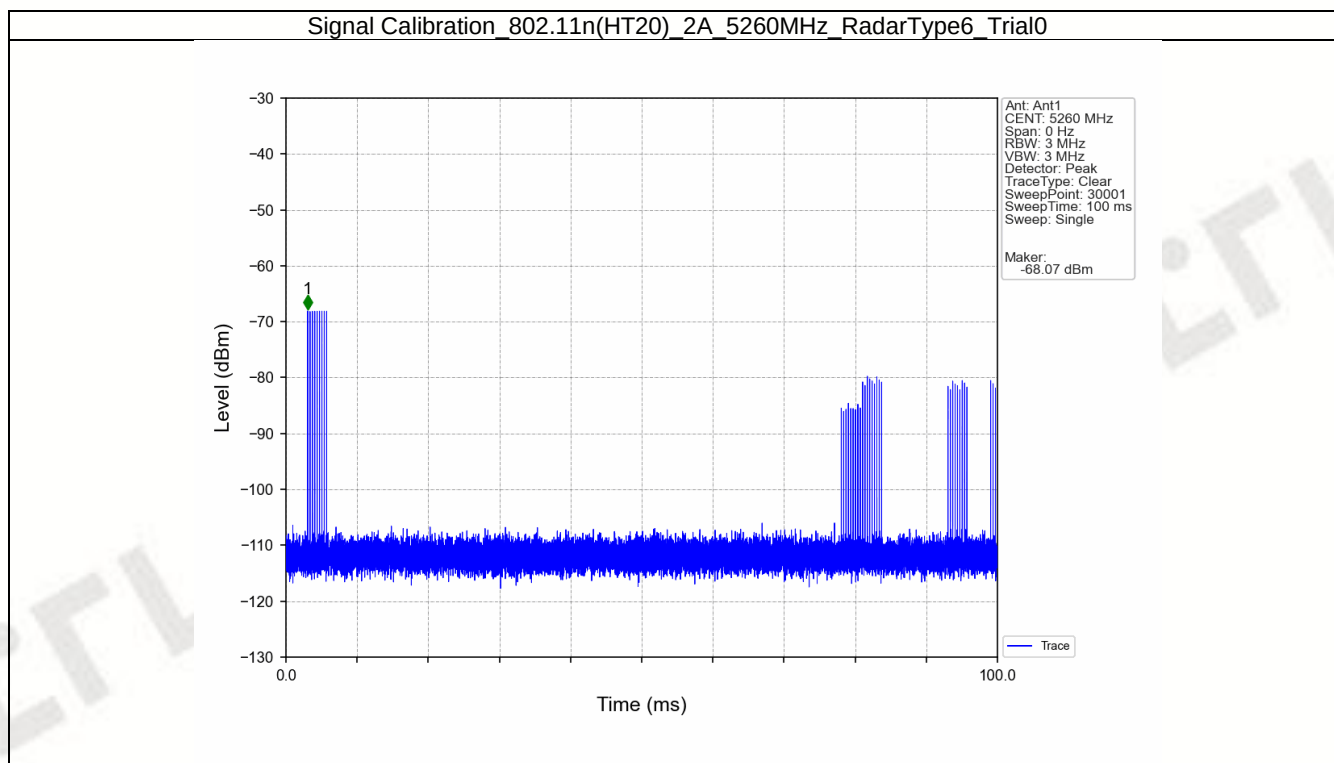
Signal Calibration_802.11n(HT20)_2A_5260MHz_RadarType4_Trial0



Signal Calibration_802.11n(HT20)_2A_5260MHz_RadarType5_Trial0



FCCID: 2AYHD-SR01



FCCID: 2AYHD-SR01

2. U-NII Detection Bandwidth

2.1 Test Result

2.1.1 20MHz_5260MHz

Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Detection Bandwidth (MHz)				Verdict
			FL	FH	Result	Limit	
802.11n (HT20)	20	5260	5240.000	5280.000	40.000	18	Pass

2.1.2 20MHz_5260MHz_Data

Band: 2A / Bandwidth: 20MHz / Frequency: 5260MHz / RadarType: 0														
Frequency (MHz)	Trial Number and Detection result (Y: Detected; N: Non-detected)										Detection Probability (%)			Verdict
	0	1	2	3	4	5	6	7	8	9	Result	FL/FH	Limit	
5240	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	FL	>=60	Pass
5245	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	/	>=60	Pass
5250	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	/	>=60	Pass
5255	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	/	>=60	Pass
5265	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	/	>=60	Pass
5270	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	/	>=60	Pass
5275	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	/	>=60	Pass
5280	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100.00	FH	>=60	Pass

3. Channel Available Check_init

3.1 Test Result

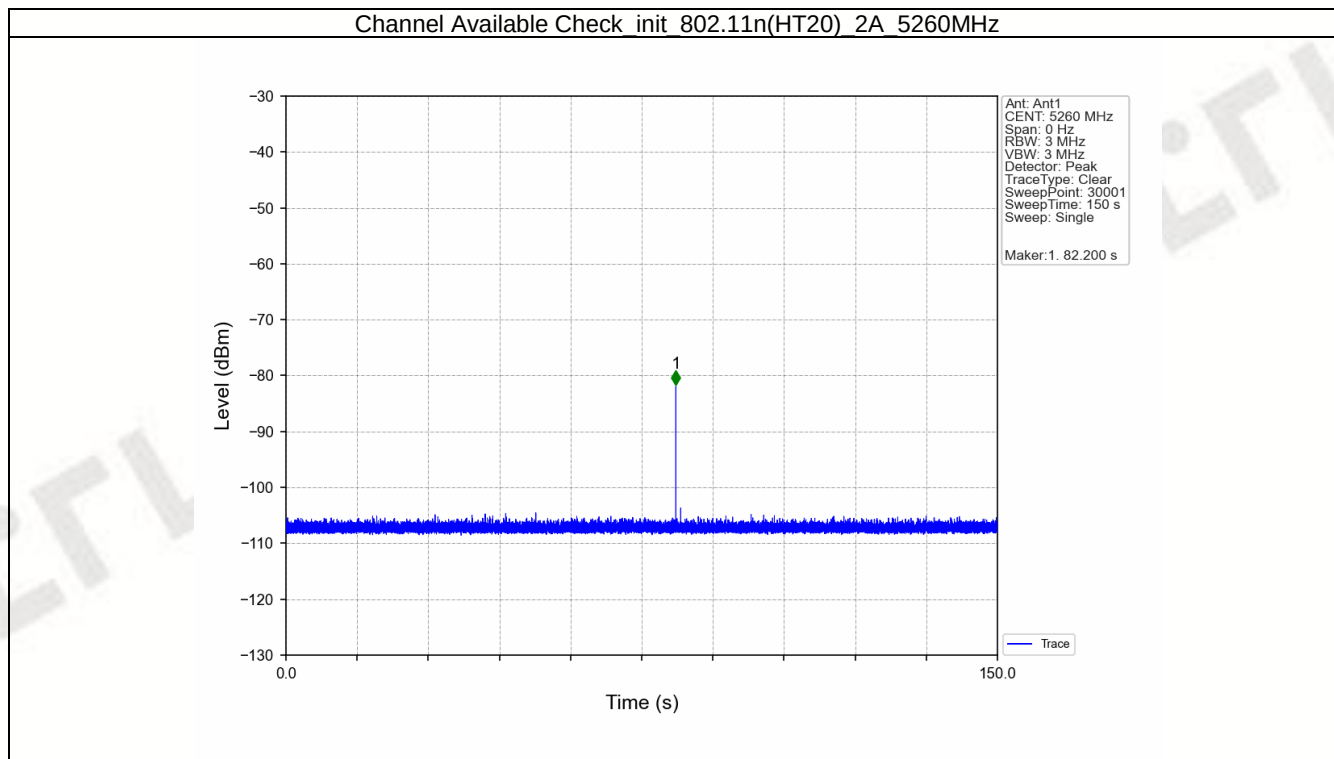
3.1.1 CAC_init

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Available Check_init (s)		Verdict
			Result	Limit	
802.11n (HT20)	20	5260	82.20	>=60	Pass

FCCID: 2AYHD-SR01

3.2 Test Graph

3.2.1 CAC_init



FCCID: 2AYHD-SR01

4. Channel Available Check_Beginning

4.1 Test Result

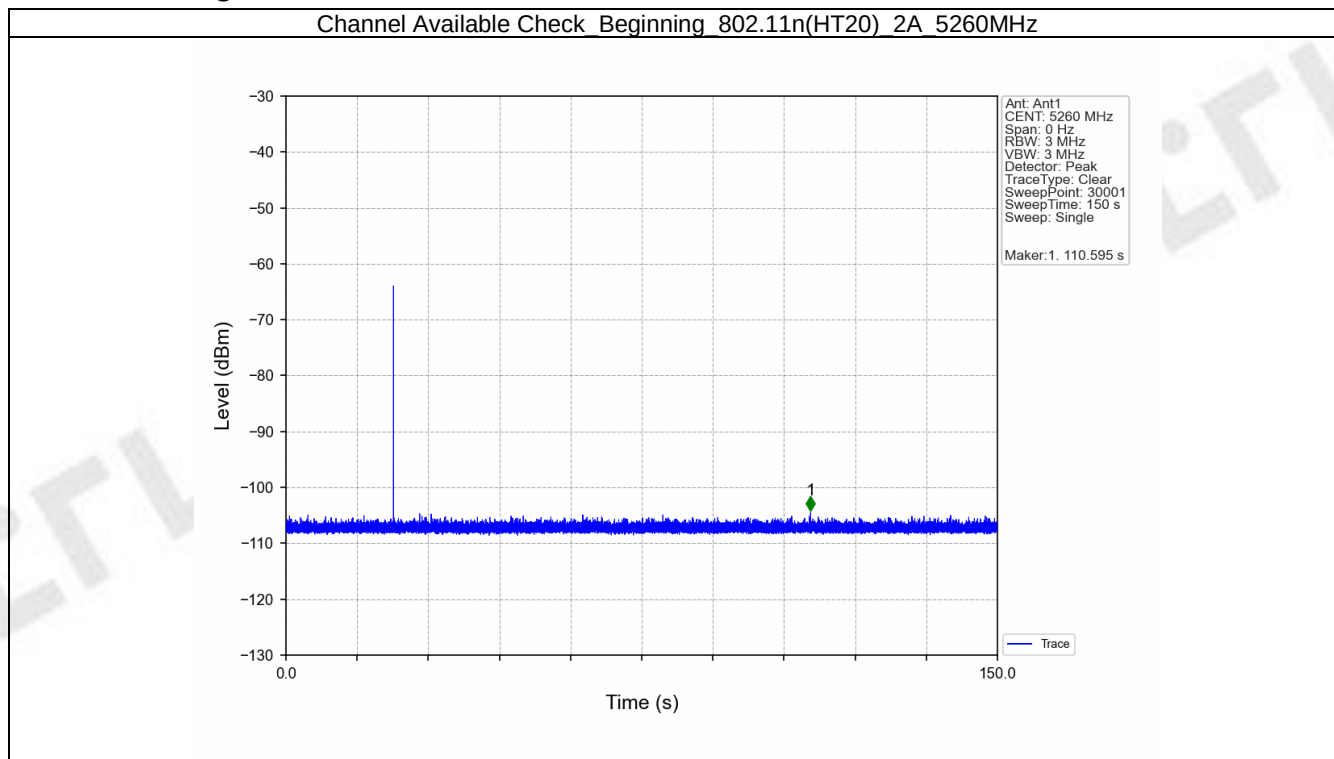
4.1.1 CAC_Begin

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Available Check Beginning		Verdict
			Result	Limit	
802.11n (HT20)	20	5260	Refer To Test Graph		Pass

FCCID: 2AYHD-SR01

4.2 Test Graph

4.2.1 CAC_Begin



FCCID: 2AYHD-SR01

5. Channel Available Check_Ending

5.1 Test Result

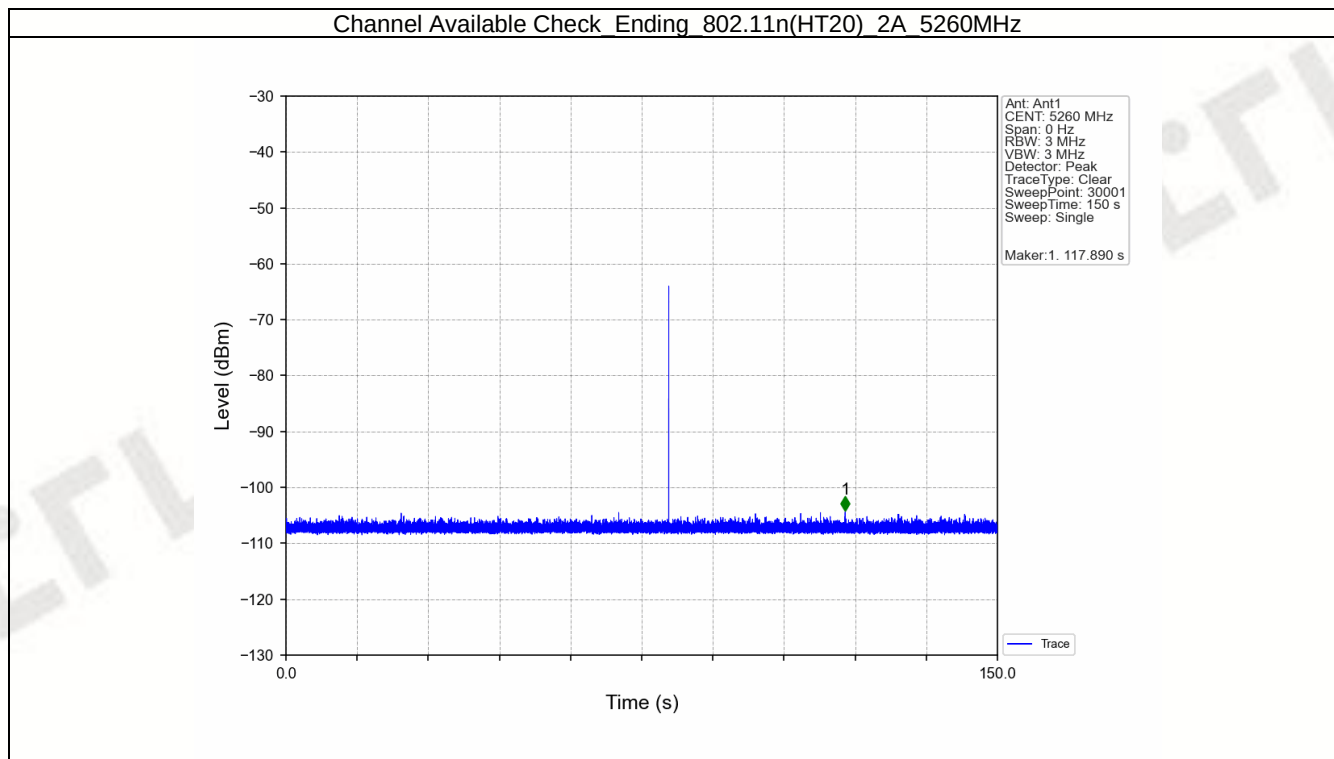
5.1.1 CAC_End

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Available Check_Ending		Verdict
			Result	Limit	
802.11n (HT20)	20	5260	Refer To Test Graph		Pass

FCCID: 2AYHD-SR01

5.2 Test Graph

5.2.1 CAC_End



FCCID: 2AYHD-SR01

6. Channel Move Time and Closing Transmission Time

6.1 Test Result

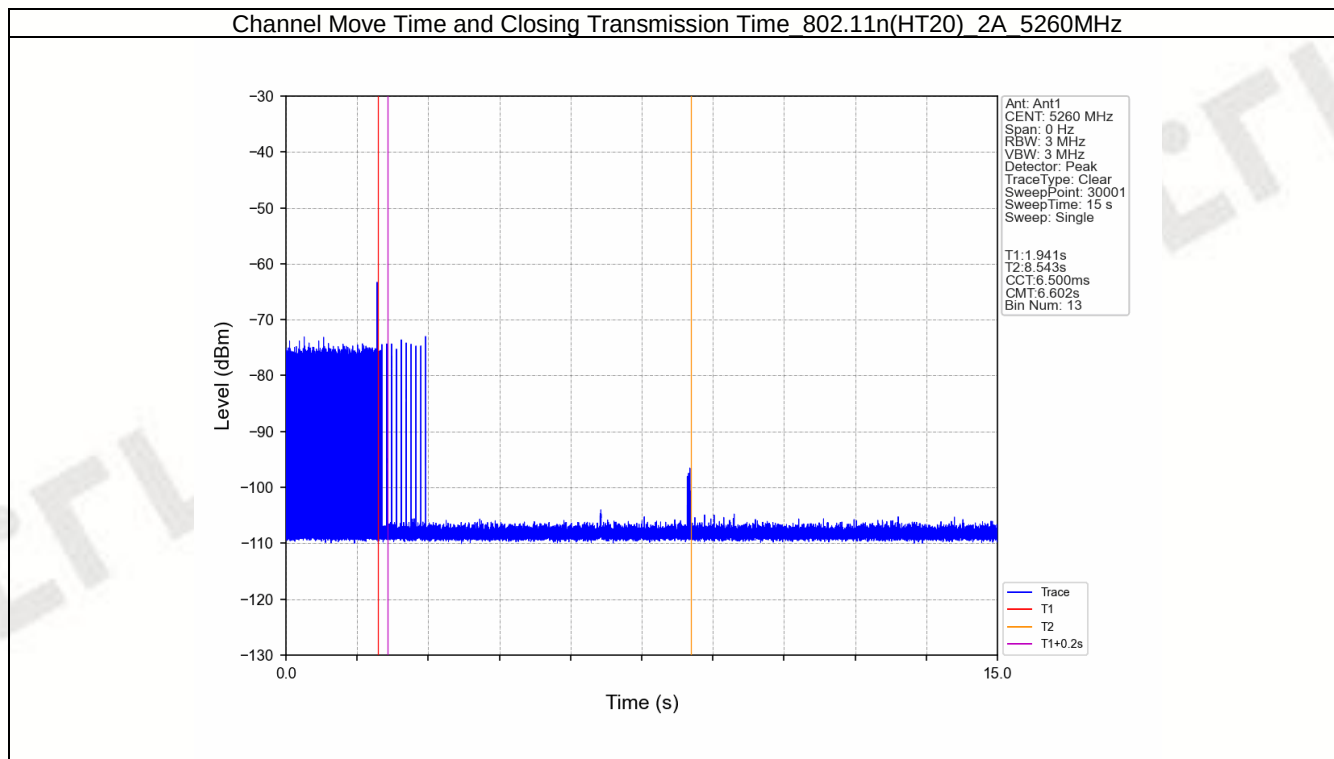
6.1.1 CMT_CTT

Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Closing Transmission Time (ms)		Channel Move Time (s)		Verdict
			Result	Limit	Result	Limit	
802.11n (HT20)	20	5260	6.500	≤ 60	6.602	≤ 10	Pass

FCCID: 2AYHD-SR01

6.2 Test Graph

6.2.1 CMT_CTT



7. Non-Occupancy Period

7.1 Test Result

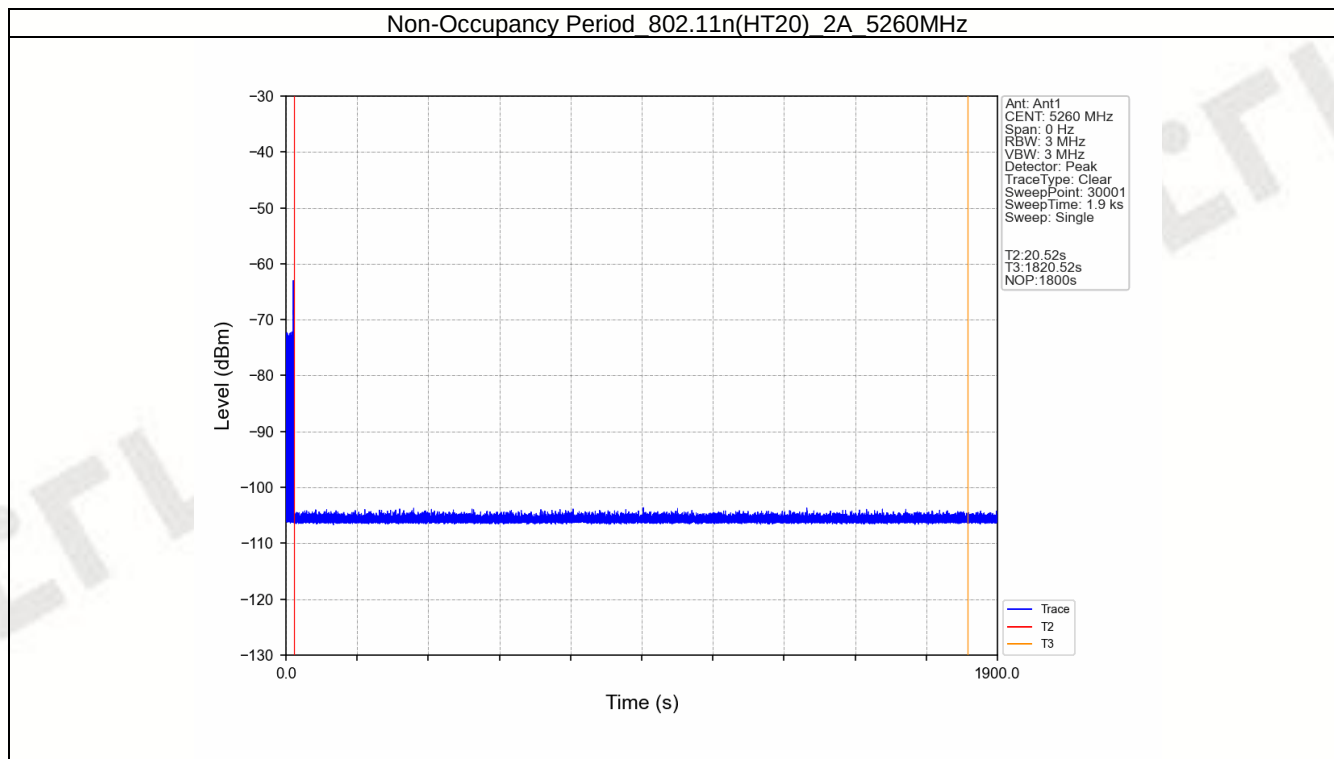
7.1.1 Period

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11n (HT20)	20	5260	Refer To Test Graph		Pass

FCCID: 2AYHD-SR01

7.2 Test Graph

7.2.1 Period



FCCID: 2AYHD-SR01

8. Statistical Performance Check

8.1 Test Result

8.1.1 SPC

Band: 2A						
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal Type	Detection Probability (%)		Verdict
				Result	Limit	
802.11n (HT20)	20	5260	1	83.33	>=60	Pass
			2	100.00	>=60	Pass
			3	100.00	>=60	Pass
			4	96.67	>=60	Pass
			ADP ¹	95.00	>=80	Pass
			5	100.00	>=80	Pass
			6	100.00	>=70	Pass
Note1: Aggregate Detection Probability of Type 1 ~ Type 4 (%)						

8.1.2 SPC_Data

Band: 2A									
Mode	Bandwidth (MHz)	Frequency (MHz)	Trial Id	Radar Signal Type					
				1	2	3	4	5	6
802.11n (HT20)	20	5260	0	Y	Y	Y	Y	Y	Y
			1	Y	Y	Y	Y	Y	Y
			2	Y	Y	Y	Y	Y	Y
			3	Y	Y	Y	Y	Y	Y
			4	Y	Y	Y	Y	Y	Y
			5	Y	Y	Y	Y	Y	Y
			6	Y	Y	Y	Y	Y	Y
			7	Y	Y	Y	Y	Y	Y
			8	Y	Y	Y	Y	Y	Y
			9	N	Y	Y	Y	Y	Y
			10	Y	Y	Y	Y	Y	Y
			11	Y	Y	Y	Y	Y	Y
			12	Y	Y	Y	Y	Y	Y
			13	Y	Y	Y	Y	Y	Y
			14	Y	Y	Y	N	Y	Y
			15	N	Y	Y	Y	Y	Y
			16	Y	Y	Y	Y	Y	Y
			17	Y	Y	Y	Y	Y	Y
			18	Y	Y	Y	Y	Y	Y
			19	N	Y	Y	Y	Y	Y
			20	Y	Y	Y	Y	Y	Y
			21	Y	Y	Y	Y	Y	Y
			22	N	Y	Y	Y	Y	Y
			23	N	Y	Y	Y	Y	Y
			24	Y	Y	Y	Y	Y	Y
			25	Y	Y	Y	Y	Y	Y
			26	Y	Y	Y	Y	Y	Y
			27	Y	Y	Y	Y	Y	Y
			28	Y	Y	Y	Y	Y	Y

FCCID: 2AYHD-SR01

			29	Y	Y	Y	Y	Y	Y
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