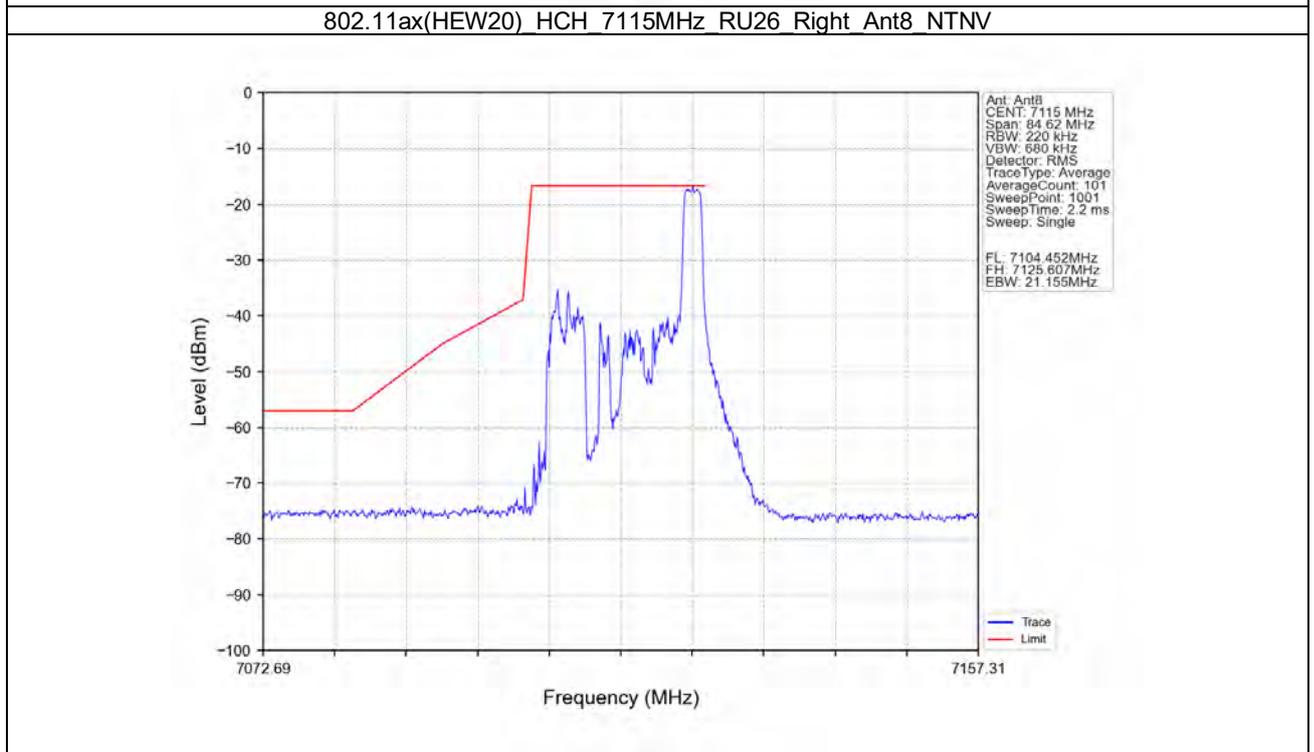
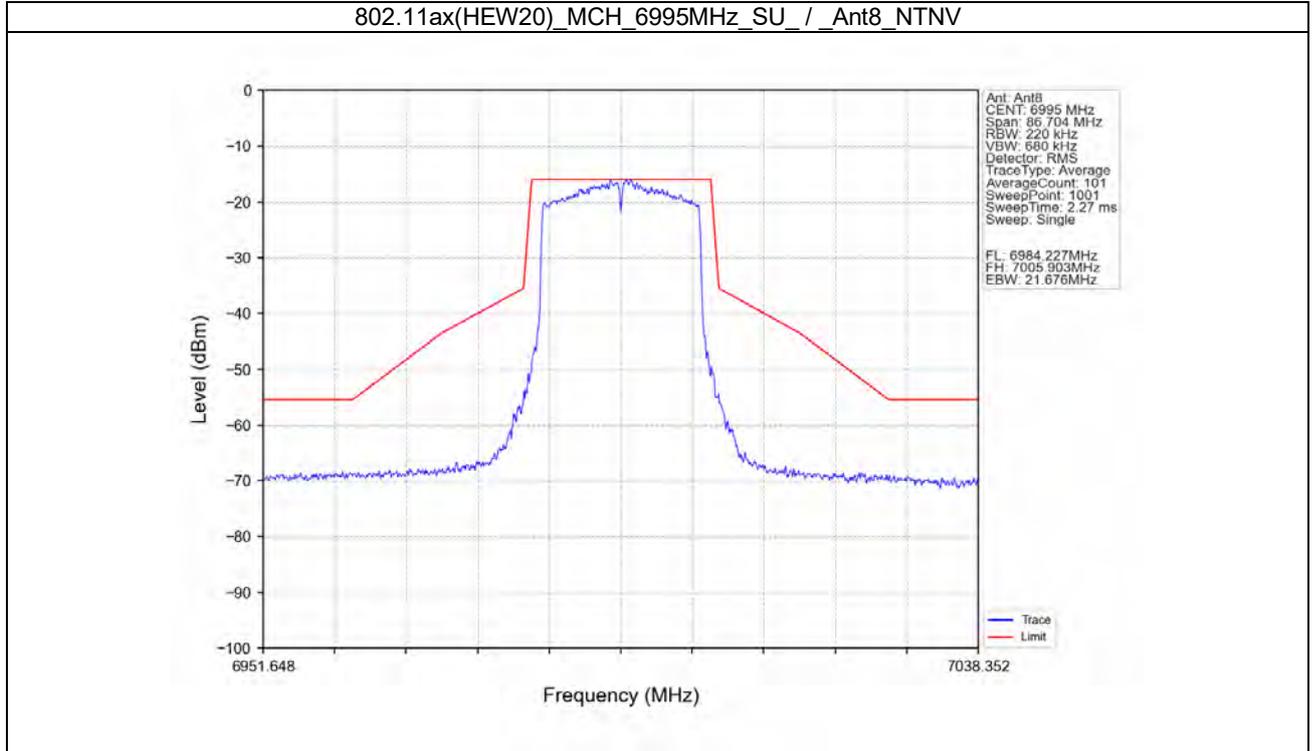
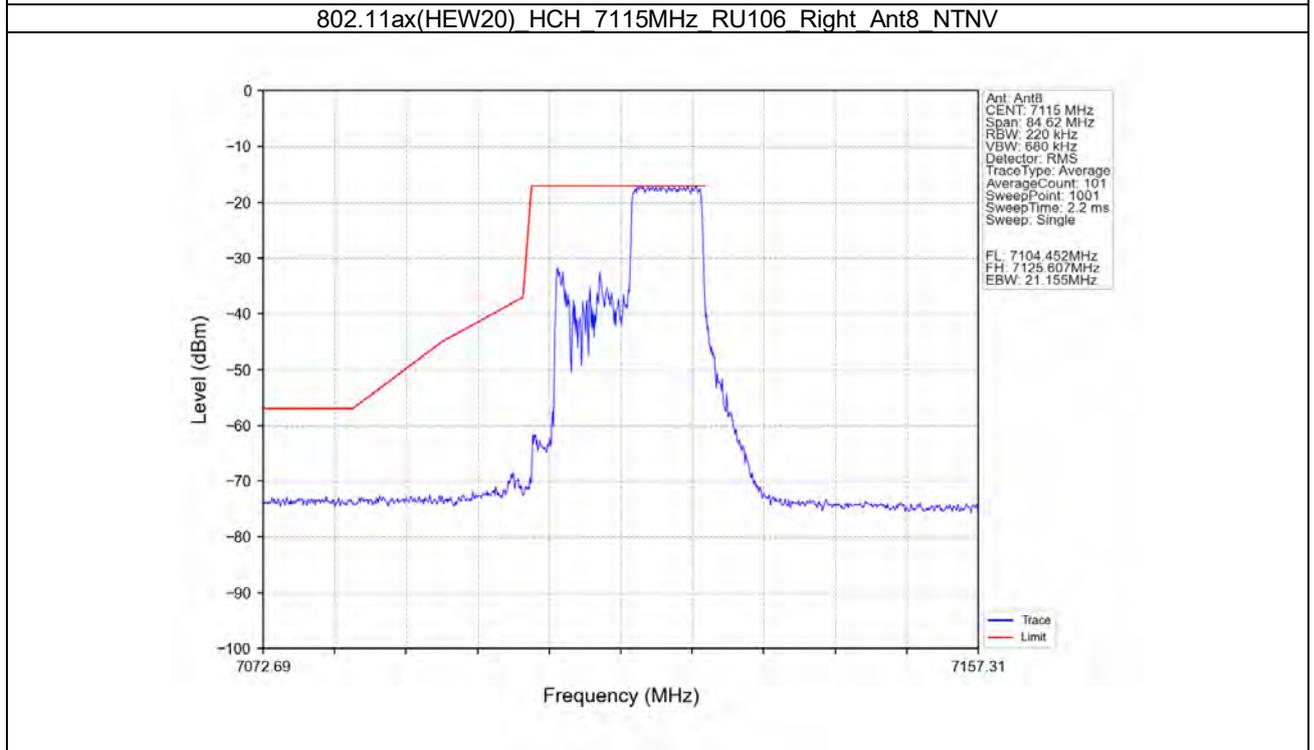
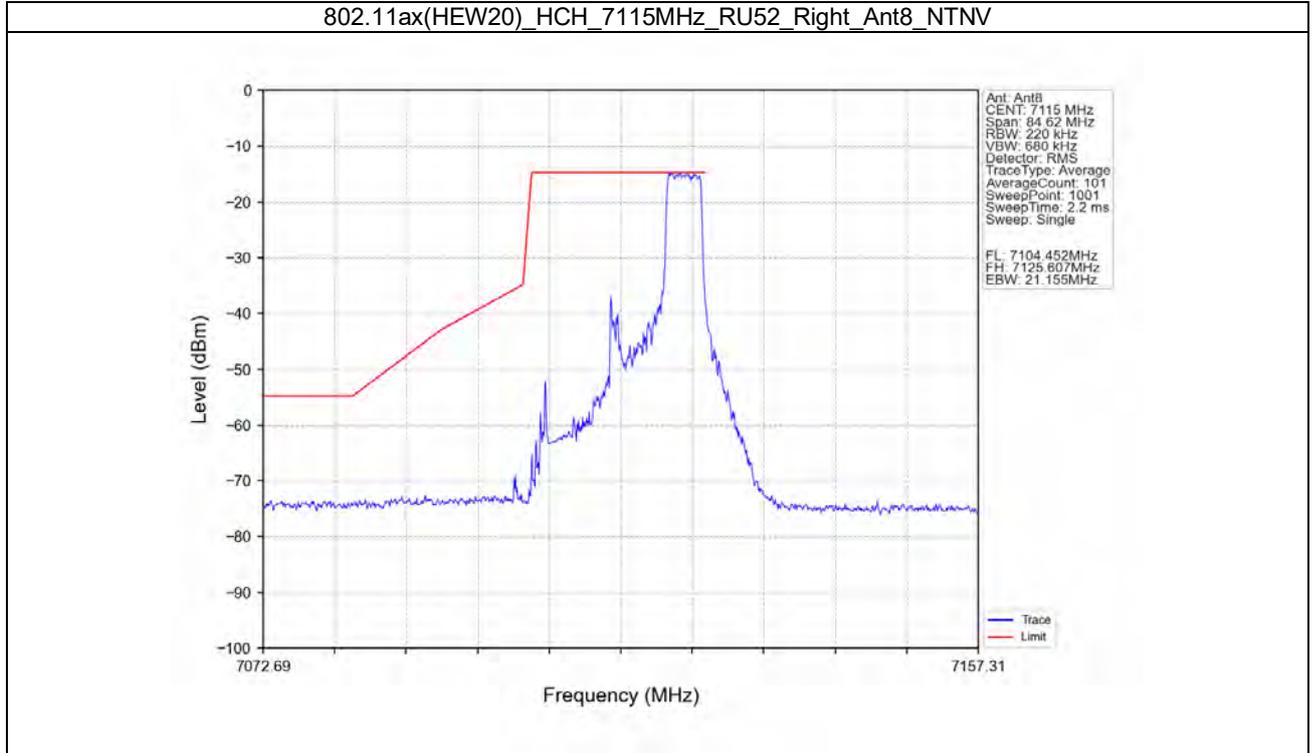


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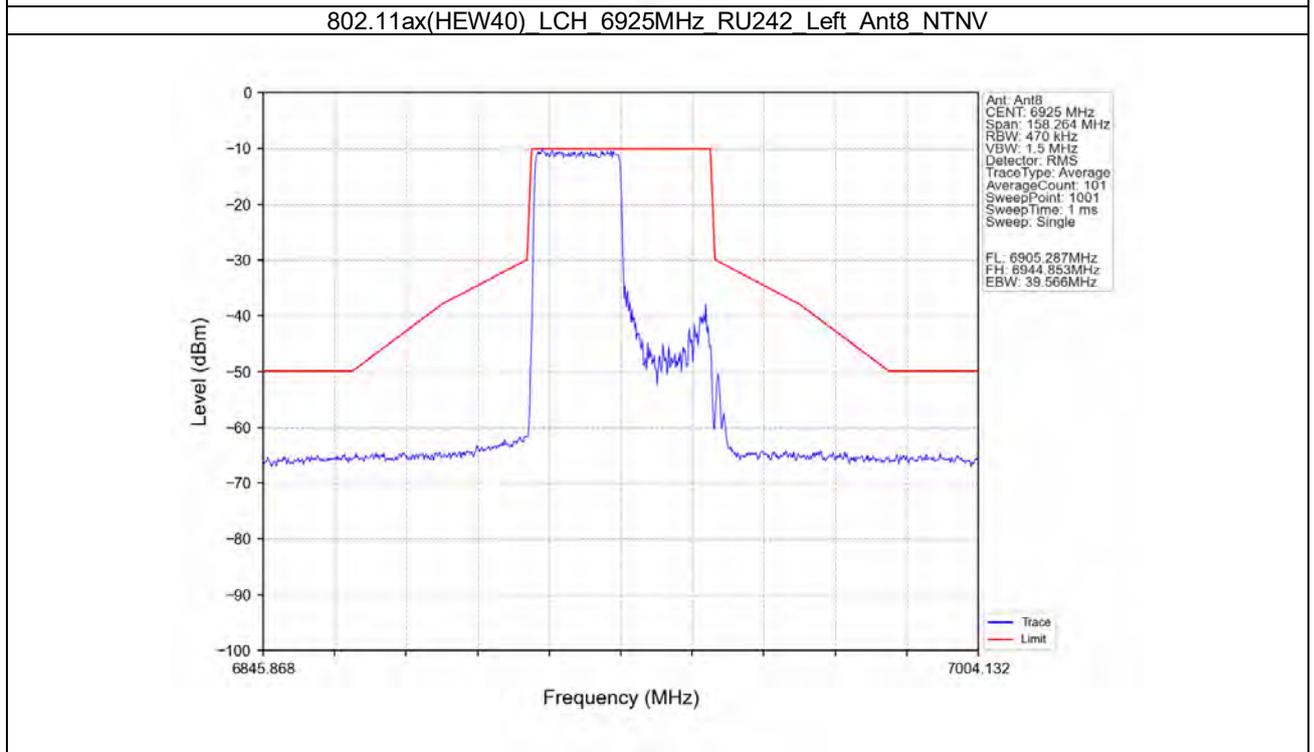


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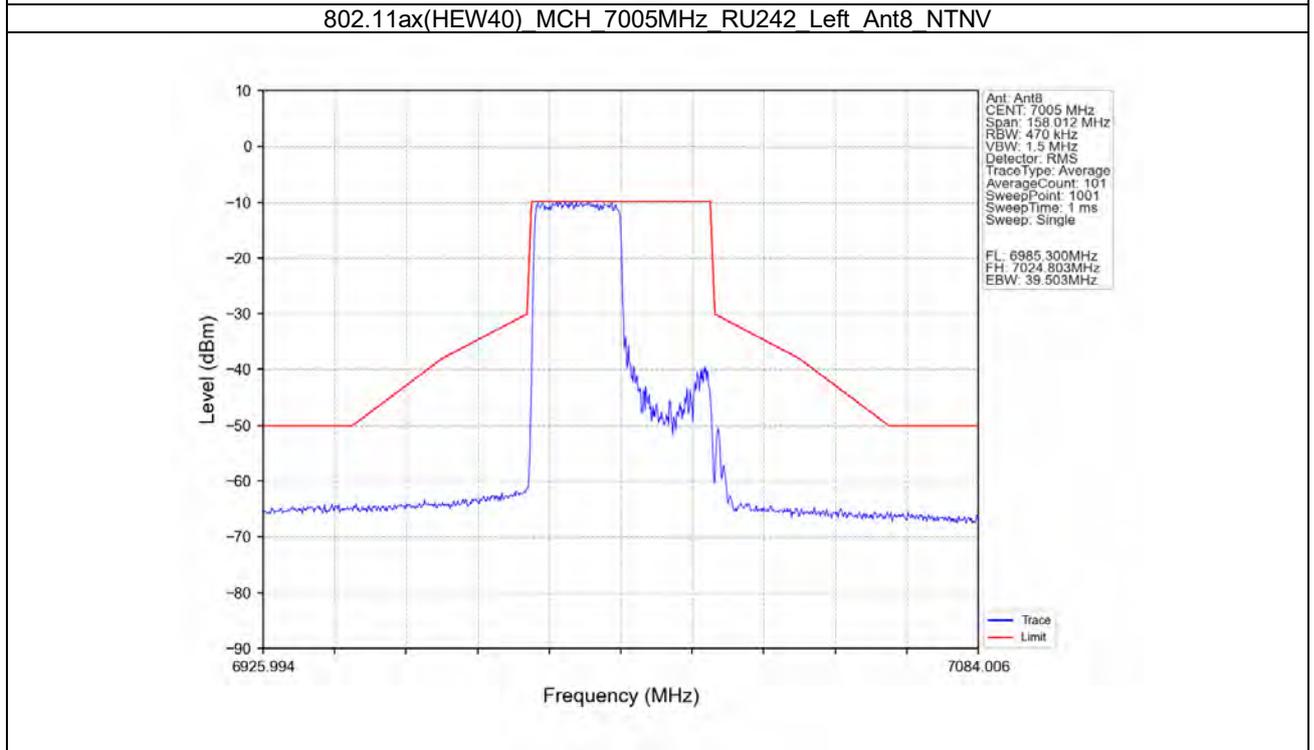
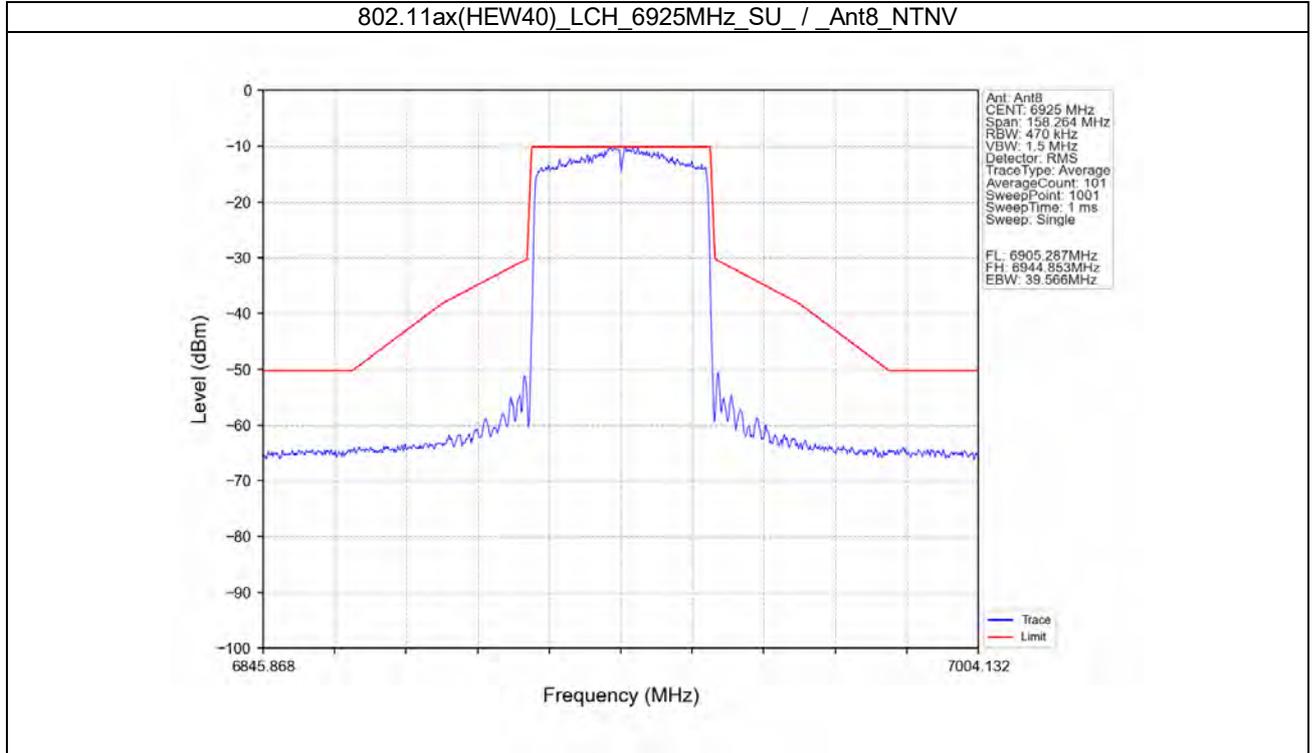


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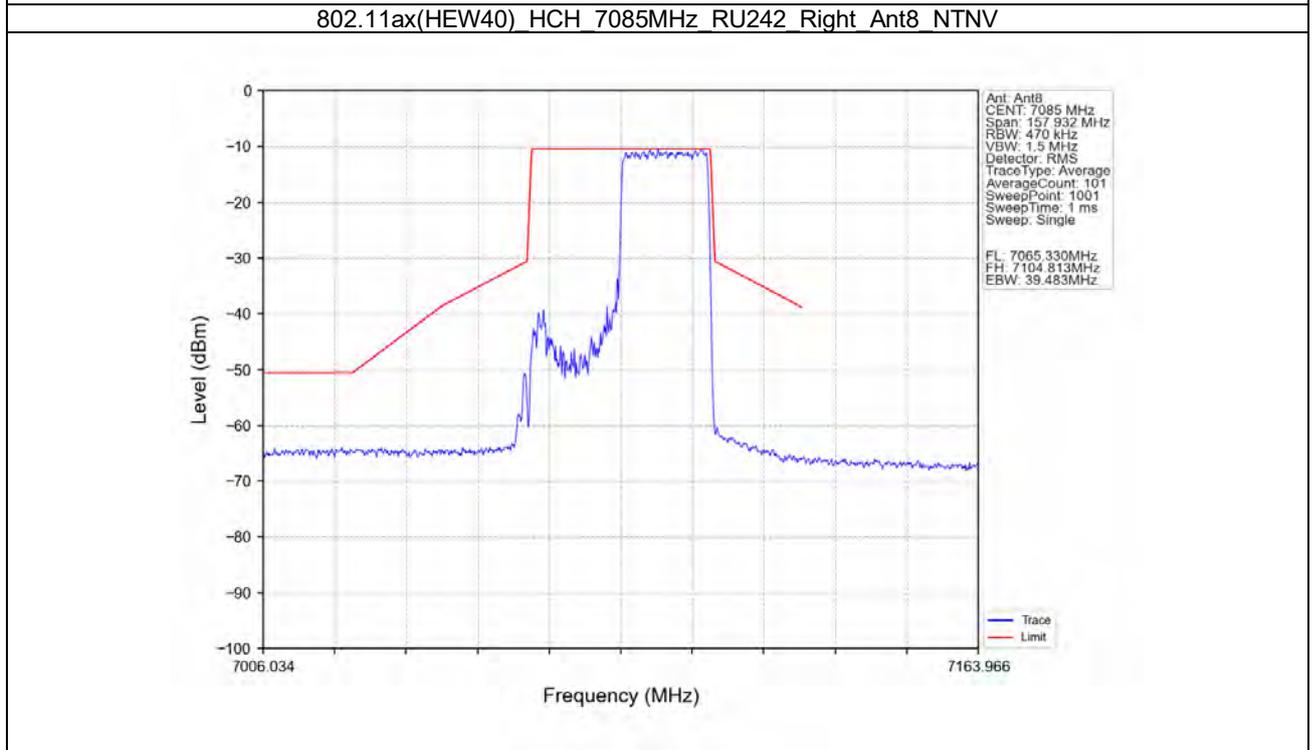
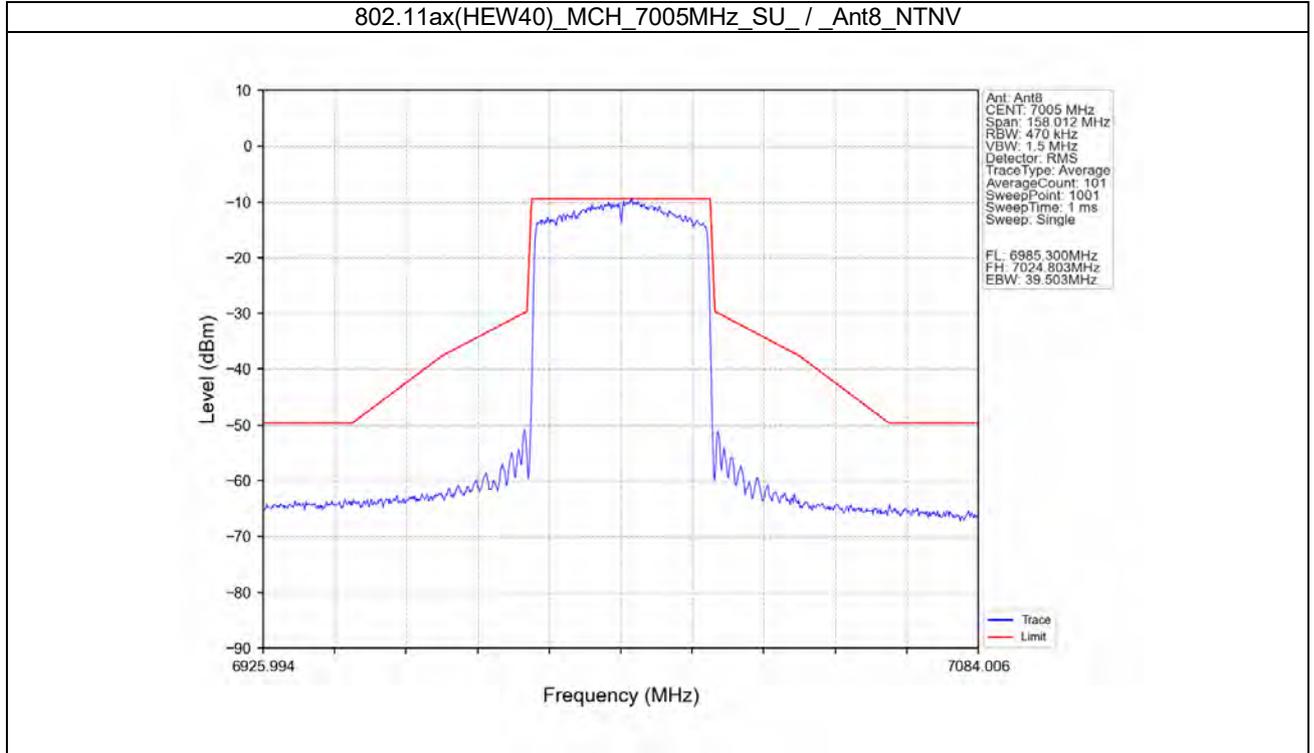


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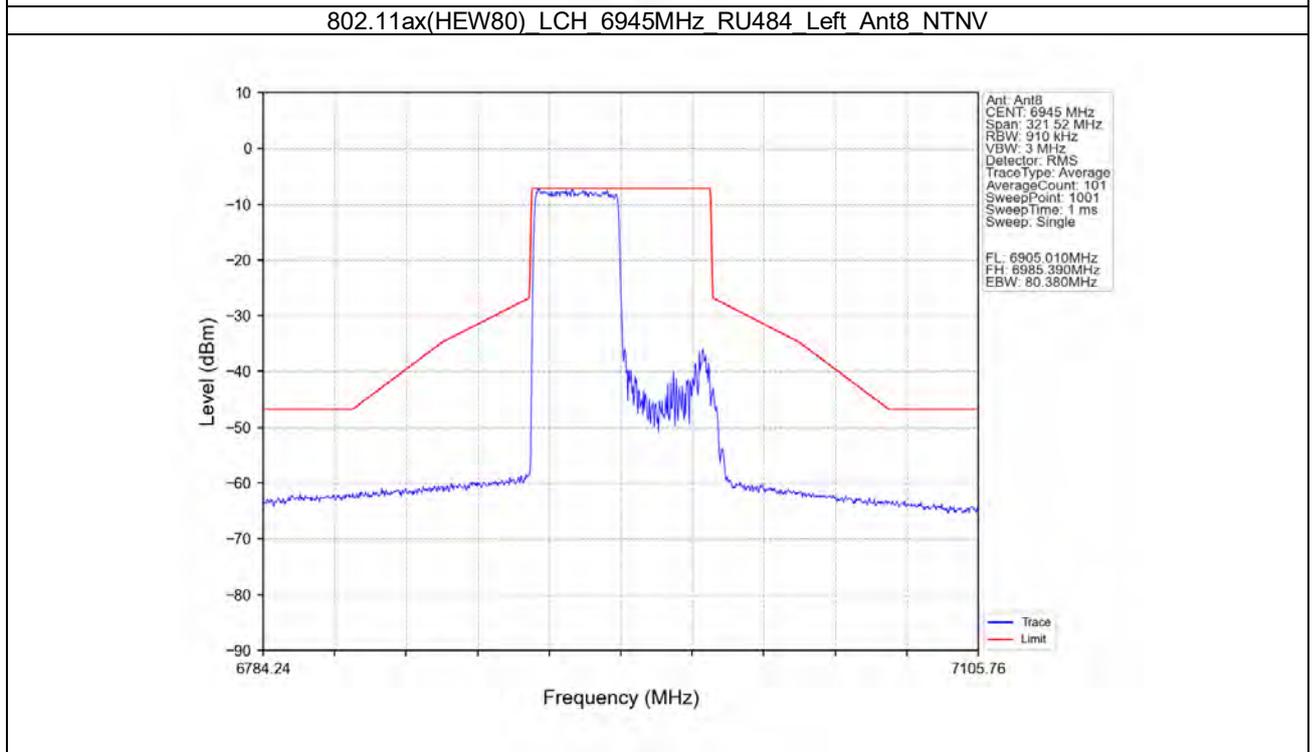
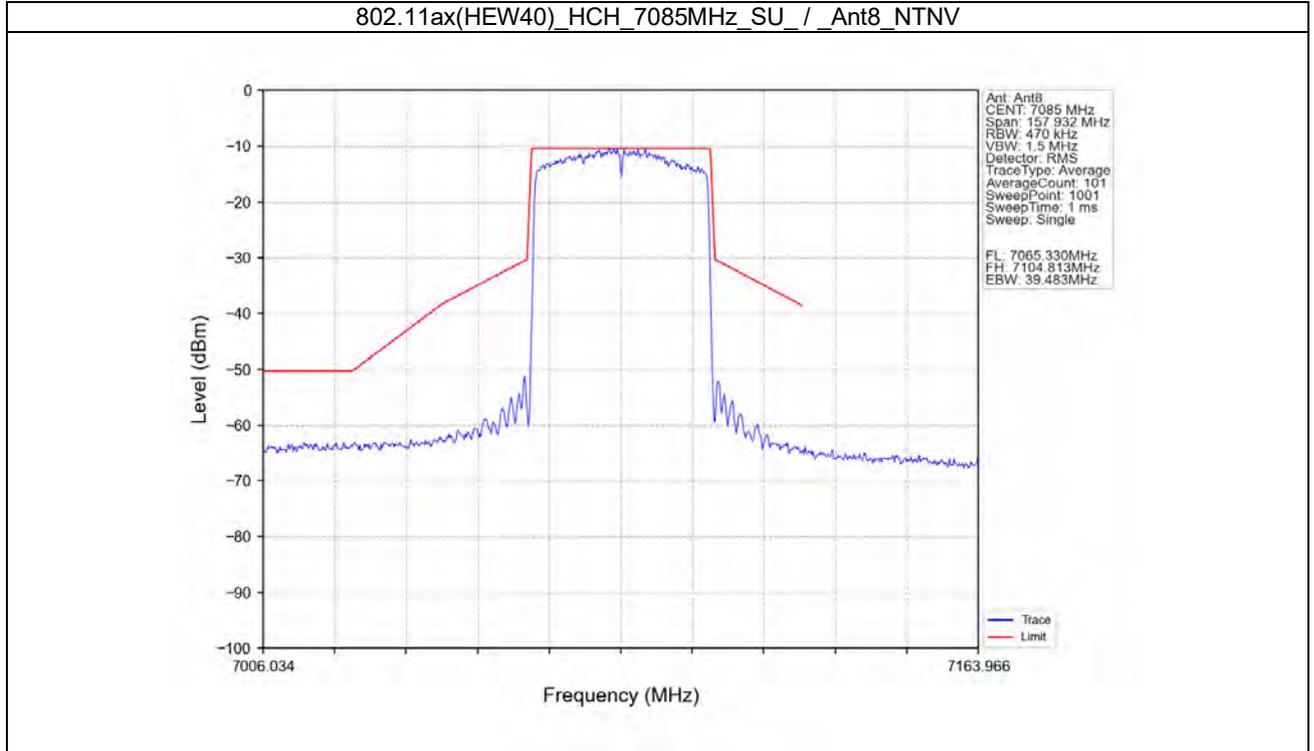
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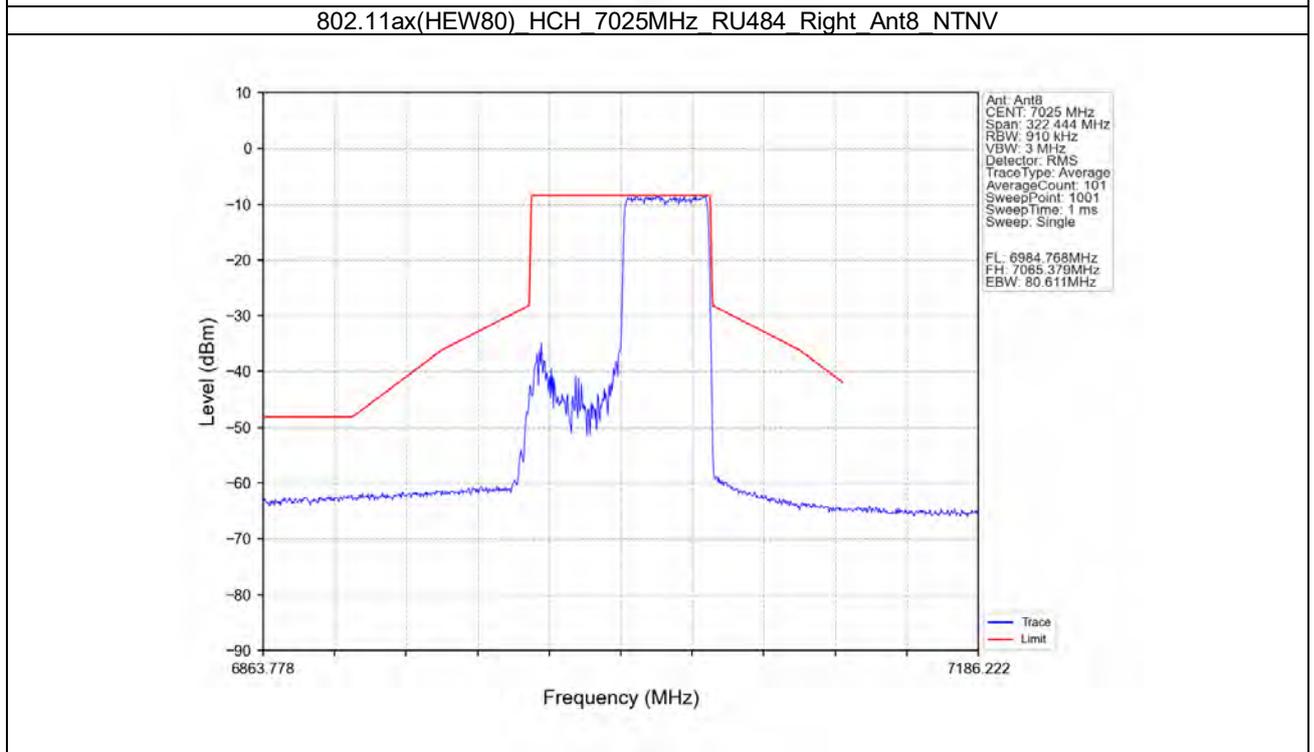


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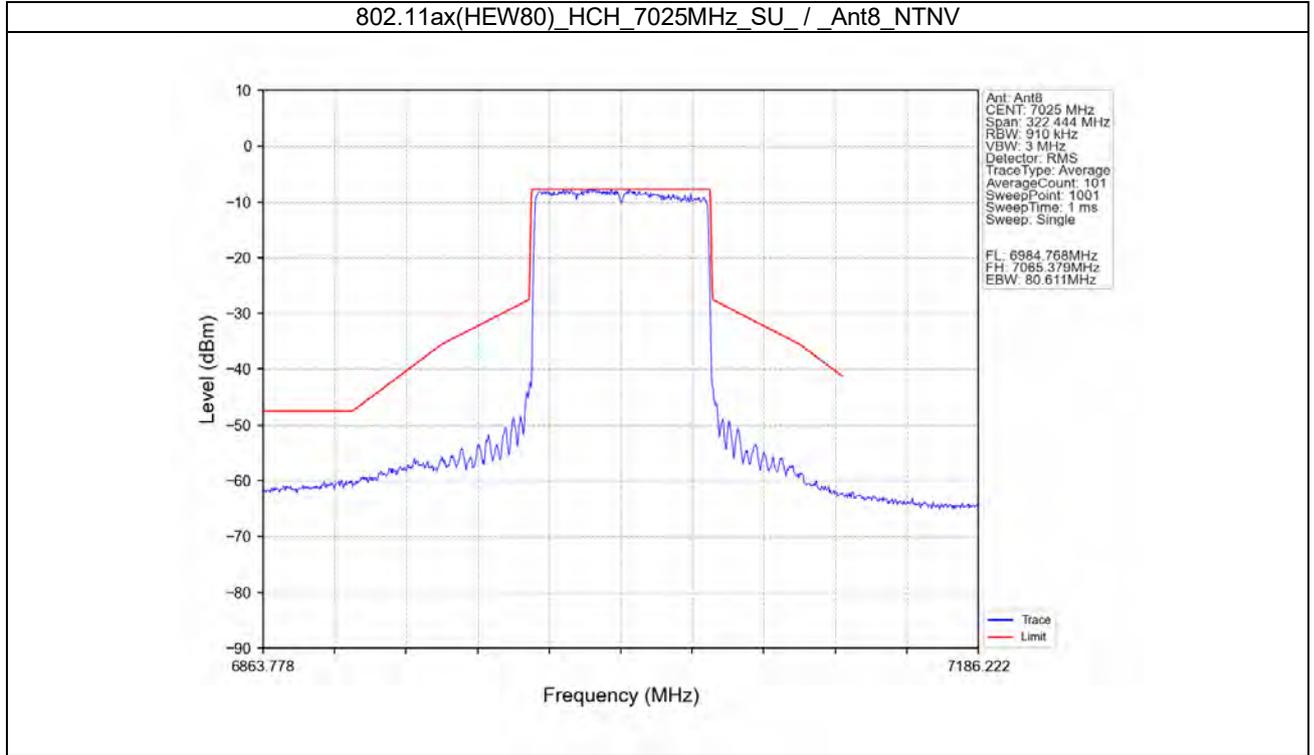


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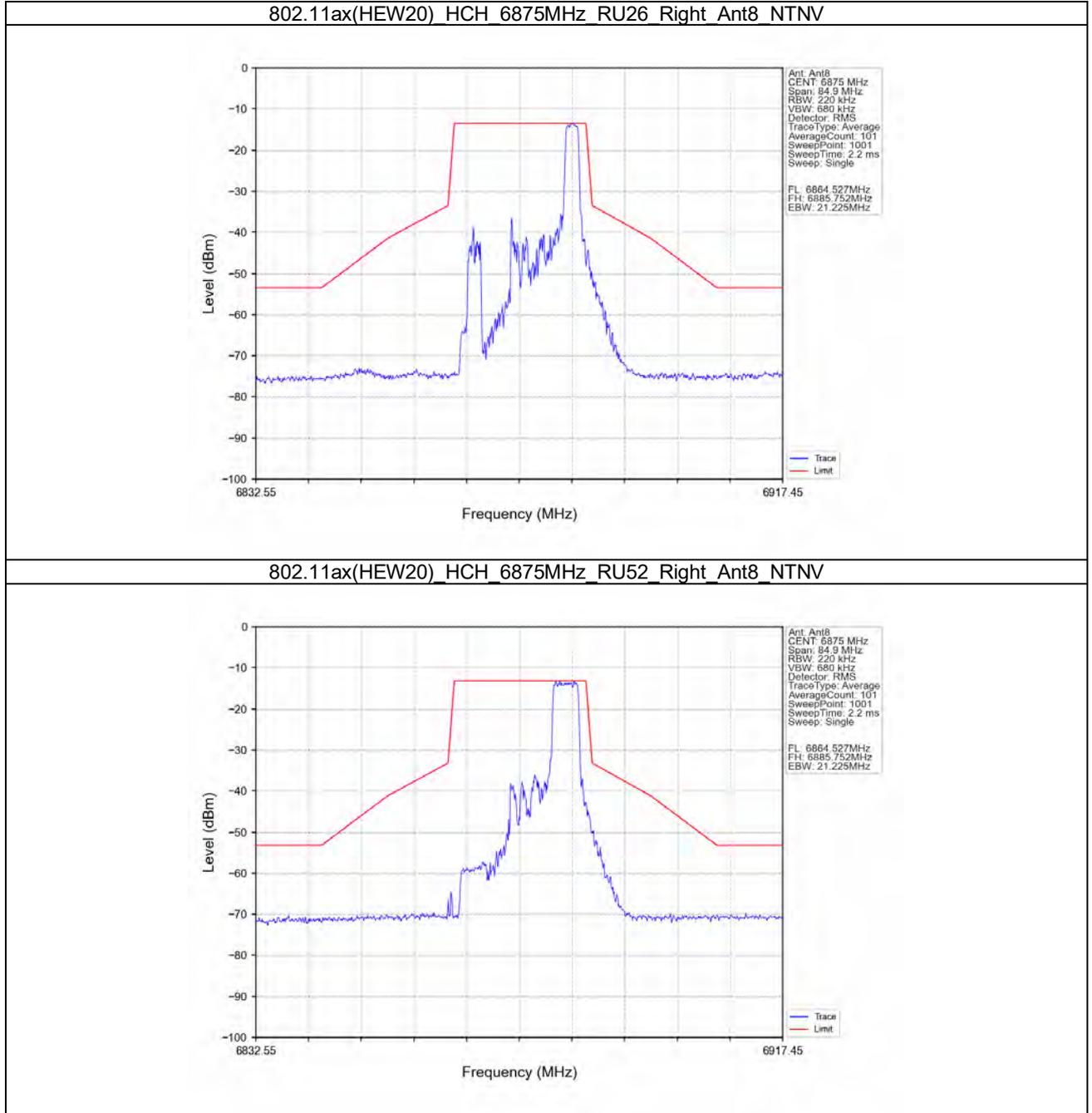
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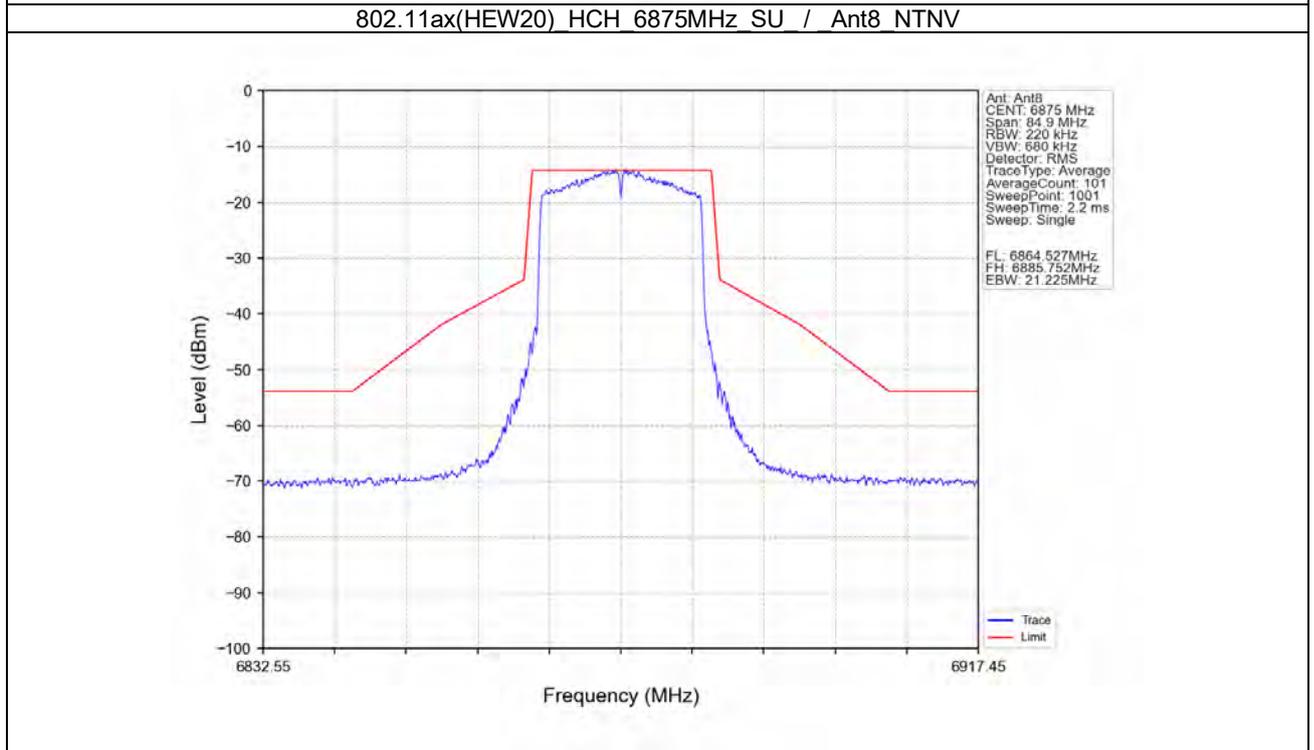
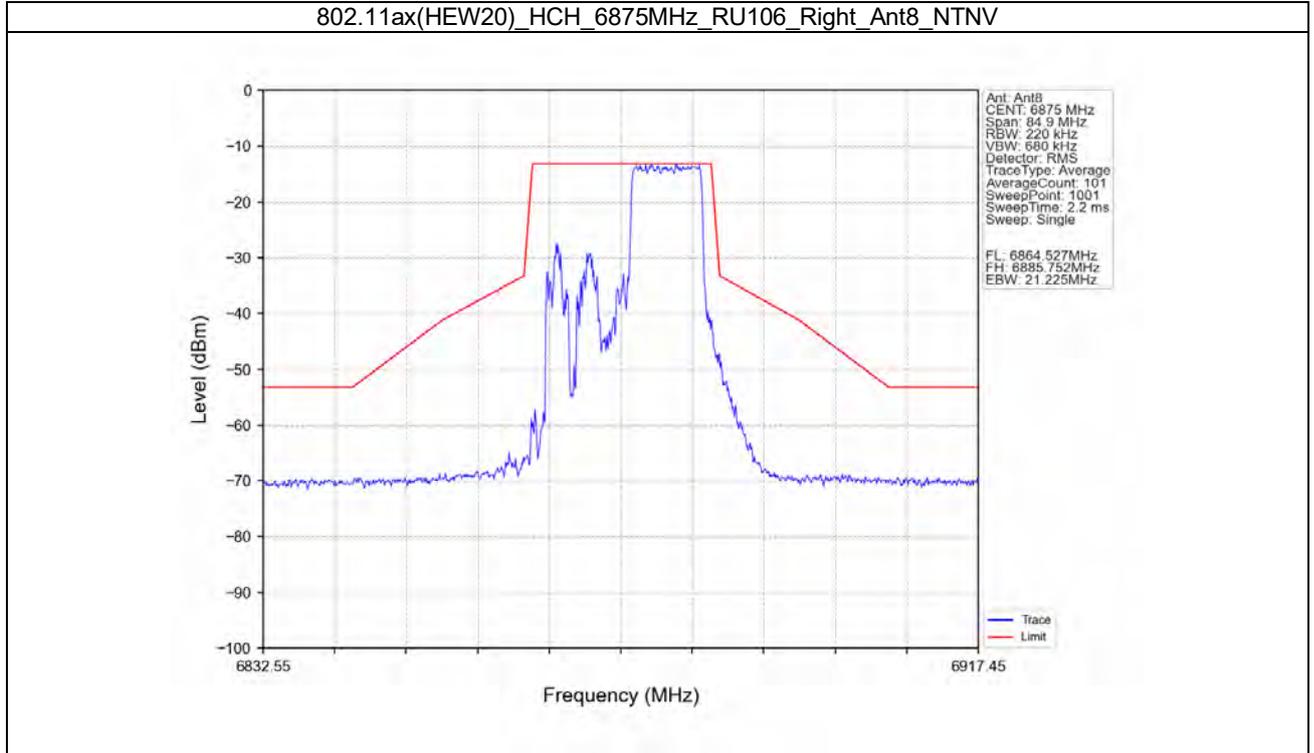
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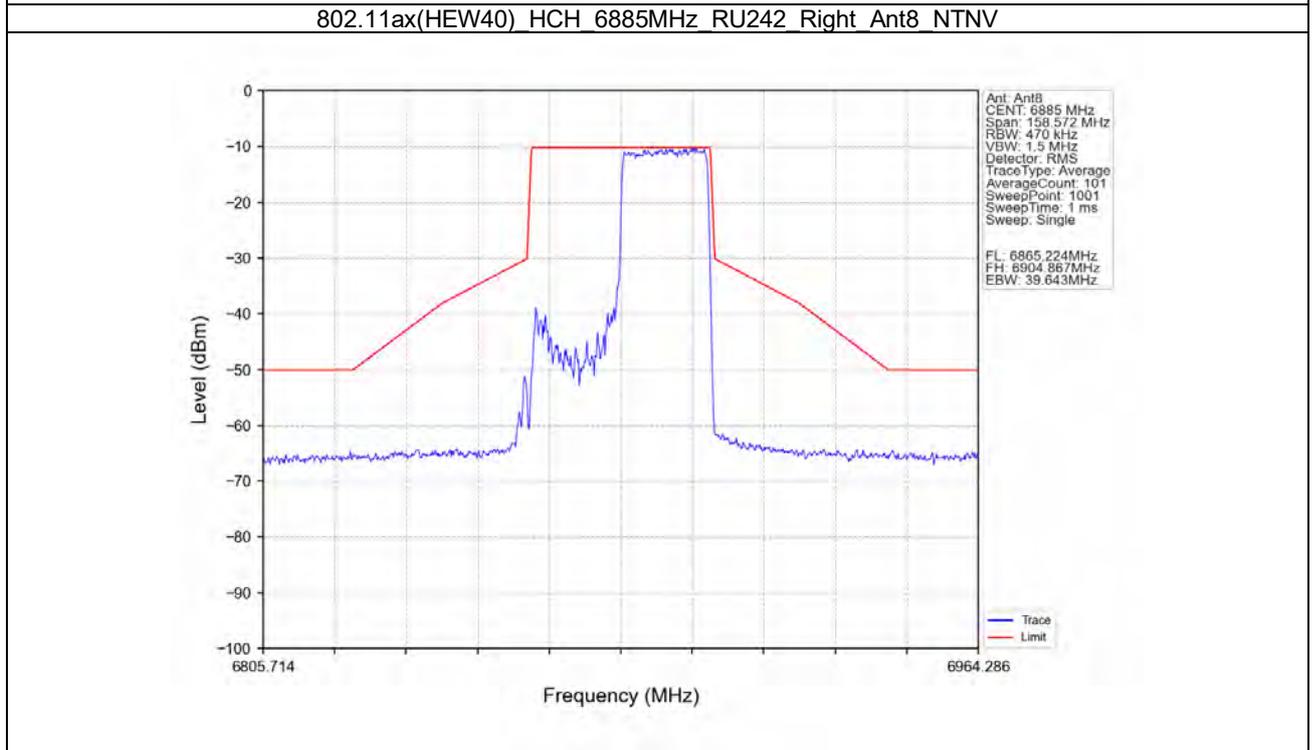
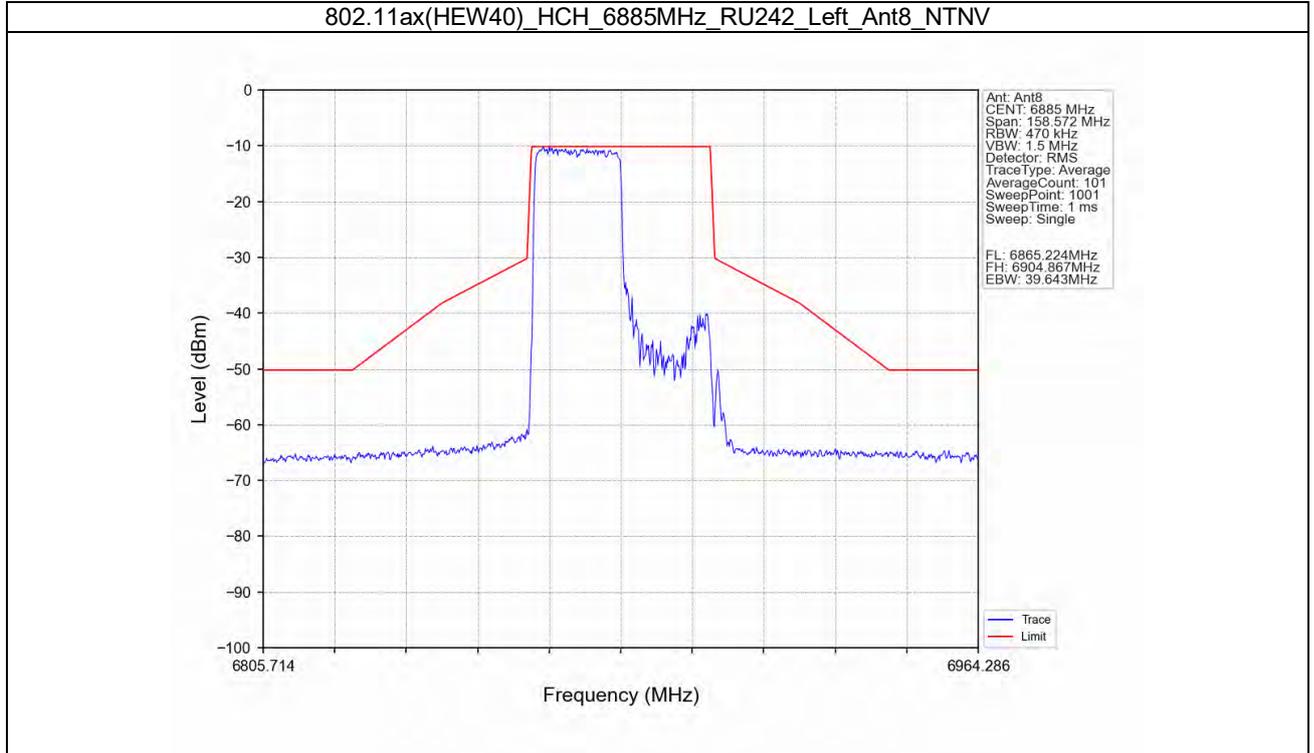
5.2.5 EMask

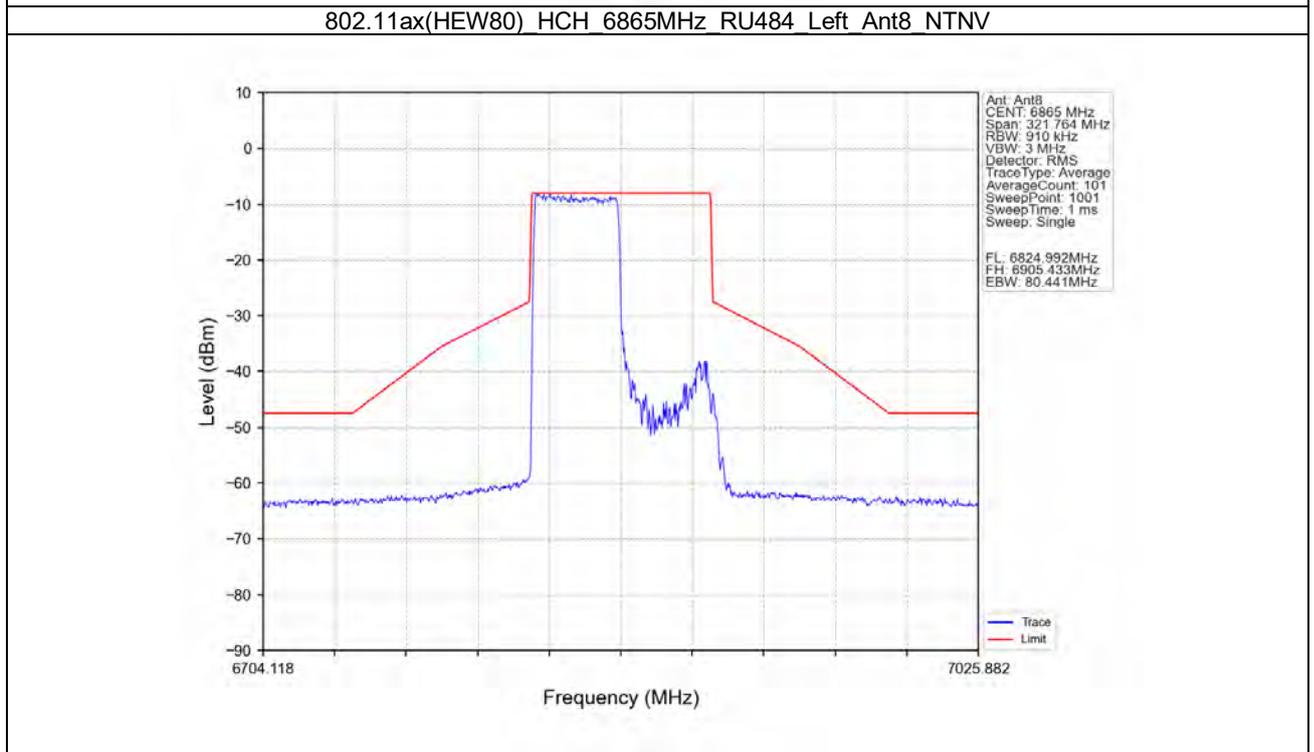
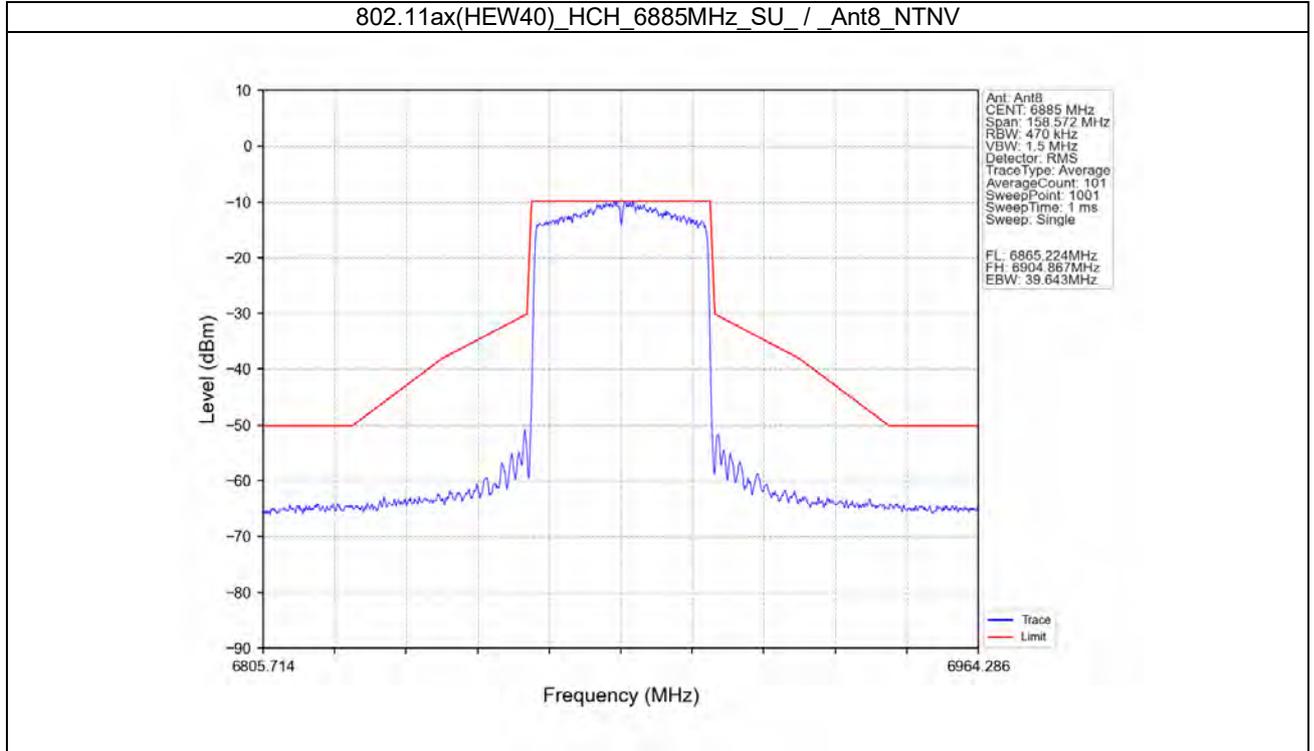




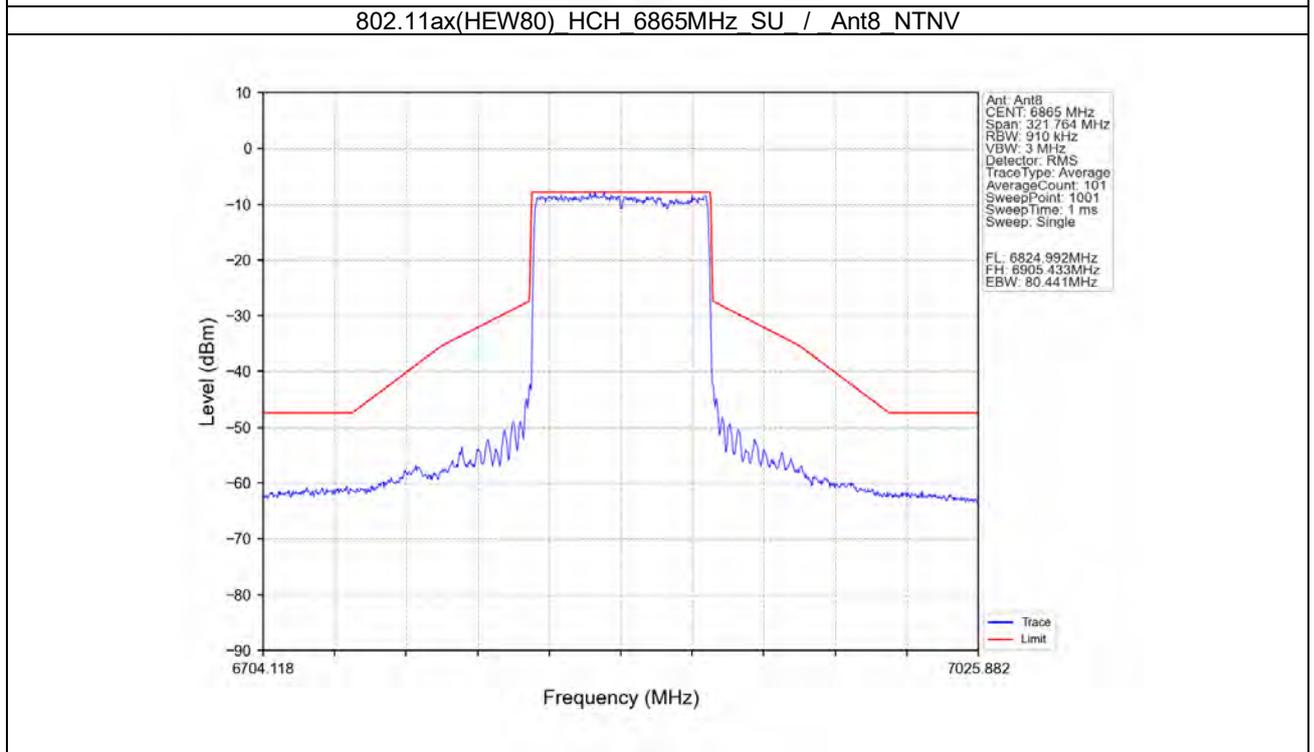
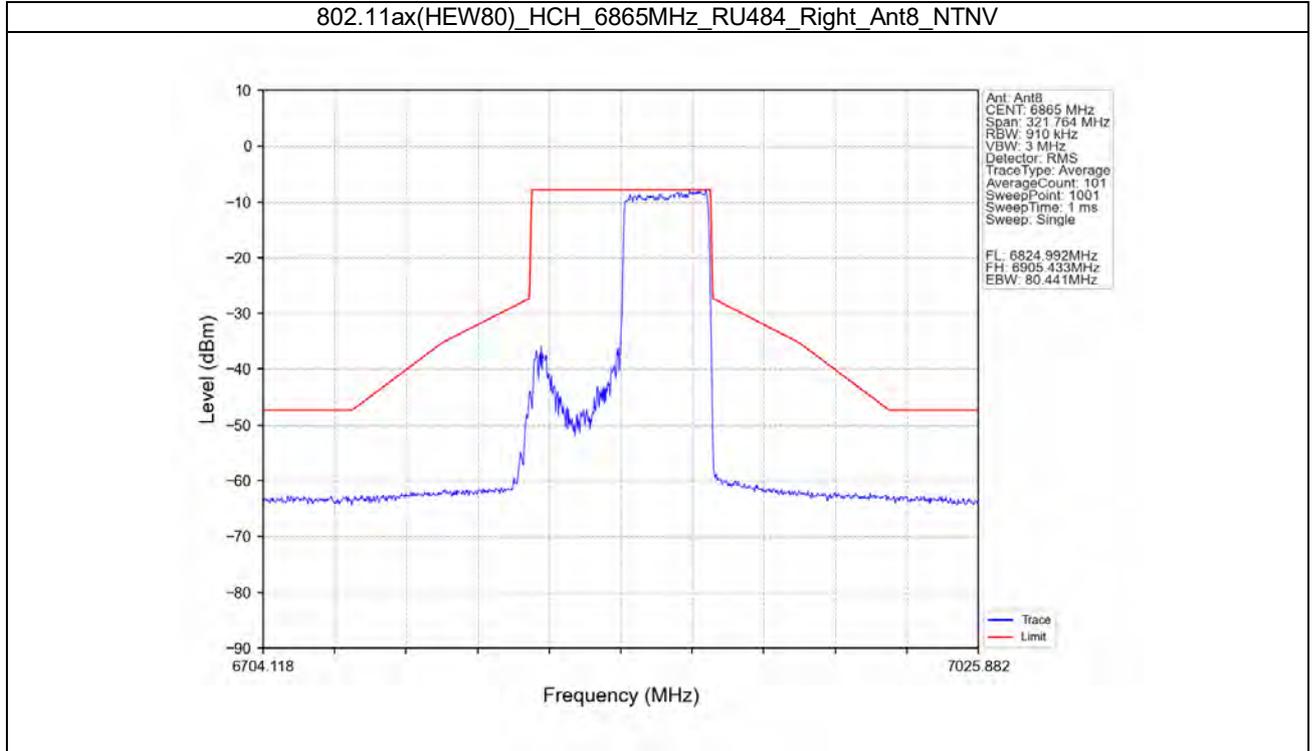
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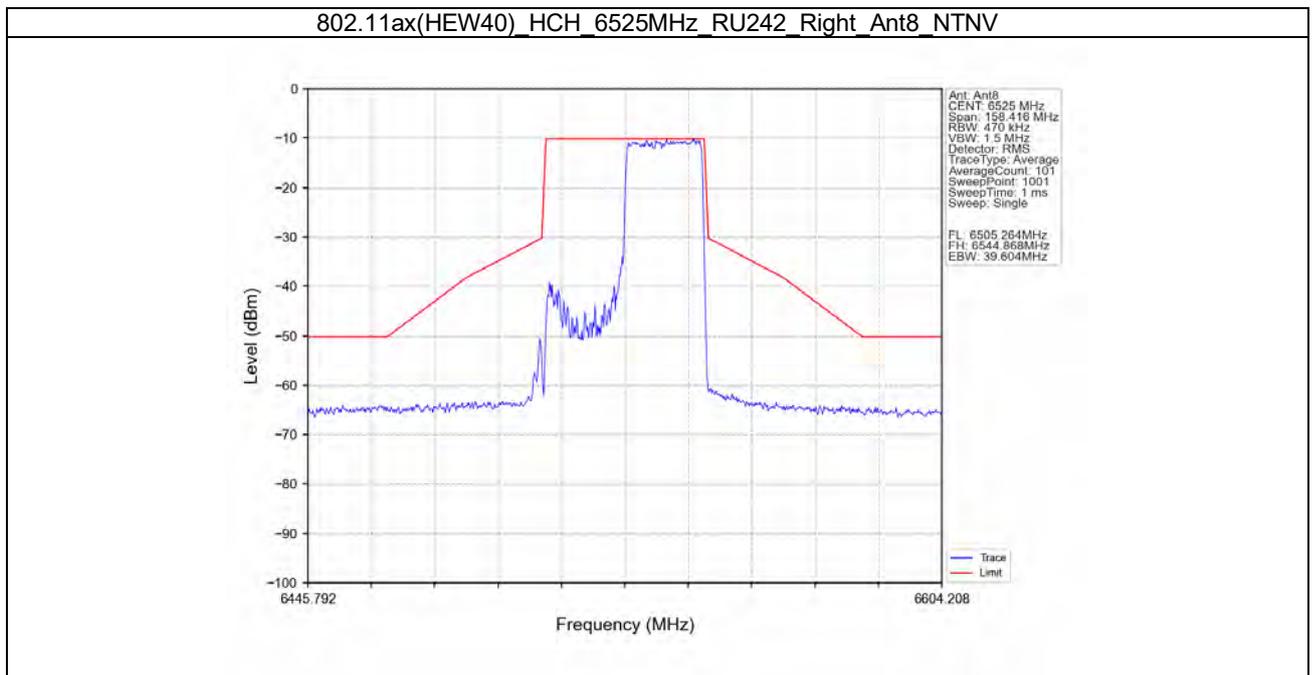
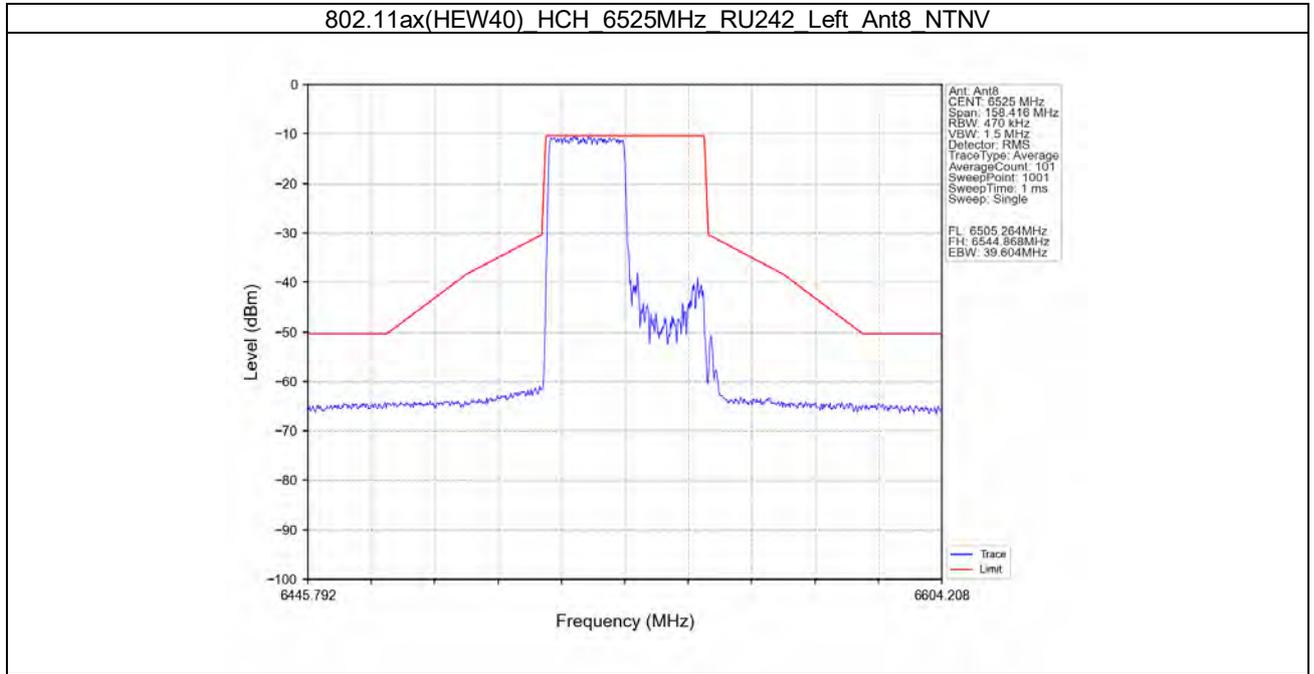




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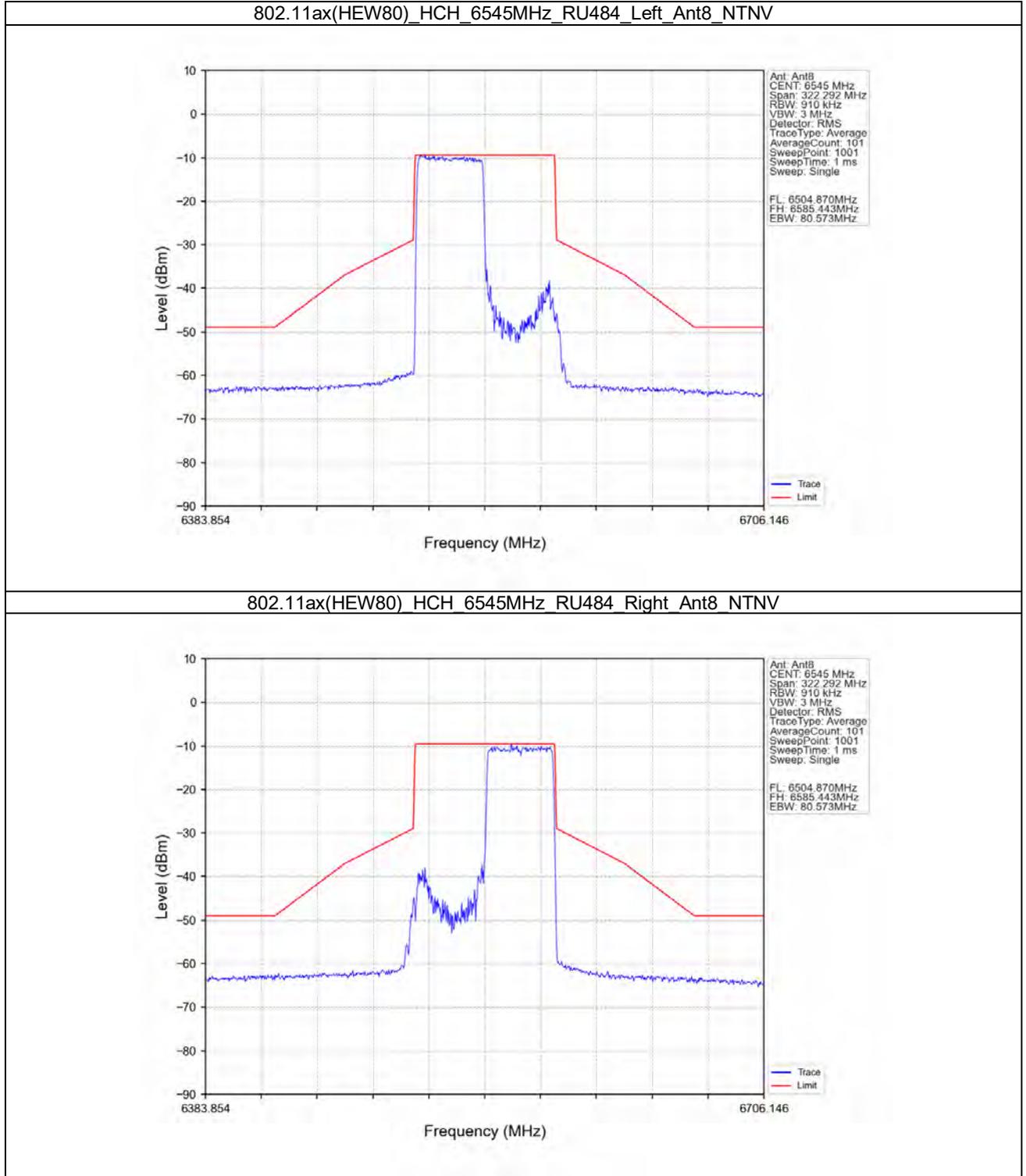


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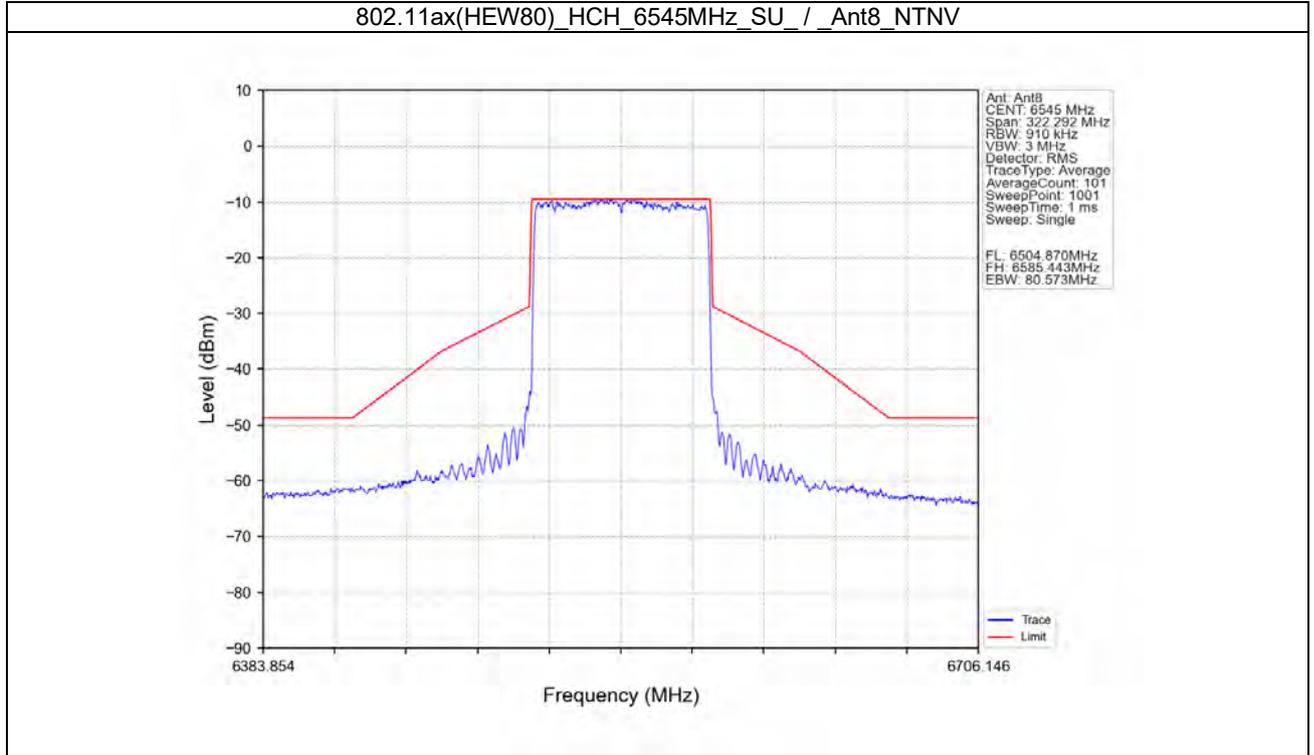
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6. Contention Based Protocol

6.1 Test Result

6.1.1 Duty Cycle_Band 5_Ant10

Ant10			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11ax (HEW20)	6135	6135.000	23.98
802.11ax (HEW40)	6125	6110.000	22.61
		6140.000	22.61
802.11ax (HEW80)	6145	6110.000	13.65
		6145.000	13.65
		6180.000	13.65

6.1.2 Contention Based Protocol_Detection Power_Band 5_Ant10

Ant10								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11ax (HEW20)	6135	6135.000	OFF	-66.35	1.12	-67.47	<=-62	Pass
			Minimal	-66.33	1.12	-67.45	<=-62	Pass
			ON	-67.39	1.12	-68.51	<=-62	Pass
802.11ax (HEW40)	6125	6110.000	OFF	-66.06	1.12	-67.18	<=-62	Pass
			Minimal	-66.01	1.12	-67.13	<=-62	Pass
			ON	-67.08	1.12	-68.20	<=-62	Pass
	6140.000	OFF	-61.71	1.12	-62.83	<=-62	Pass	
		Minimal	-61.71	1.12	-62.83	<=-62	Pass	
		ON	-62.70	1.12	-63.82	<=-62	Pass	
802.11ax (HEW80)	6145	6110.000	OFF	-65.53	1.12	-66.65	<=-62	Pass
			Minimal	-65.54	1.12	-66.66	<=-62	Pass
			ON	-66.59	1.12	-67.71	<=-62	Pass
	6145.000	OFF	-61.44	1.12	-62.56	<=-62	Pass	
		Minimal	-61.43	1.12	-62.55	<=-62	Pass	
		ON	-62.43	1.12	-63.55	<=-62	Pass	
	6180.000	OFF	-65.96	1.12	-67.08	<=-62	Pass	



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			Minimal	-65.98	1.12	-67.10	<=-62	Pass
			ON	-67.01	1.12	-68.13	<=-62	Pass

6.1.3 Contention Based Protocol_Detection Probability_Band 5_Ant10

Ant10															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11ax (HEW20)	6135	6135.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
802.11ax (HEW40)	6125	6110.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
		6140.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
802.11ax (HEW80)	6145	6110.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
		6145.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
		6180.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass

Note1: CBP Detection Trials (Y=Detection, N=No Detection)

6.1.4 Duty Cycle_Band 6_Ant10

Ant10			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11ax (HEW20)	6435	6435.000	34.28

6.1.5 Contention Based Protocol_Detection Power_Band 6_Ant10

Ant10								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11ax (HEW20)	6435	6435.000	OFF	-66.98	1.12	-68.10	<=-62	Pass
			Minimal	-66.97	1.12	-68.09	<=-62	Pass
			ON	-67.99	1.12	-69.11	<=-62	Pass

6.1.6 Contention Based Protocol_Detection Probability_Band 6_Ant10

Ant10															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100451007

Page: 638 of 682

802.11ax (HEW20)	6435	6435.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
Note1: CBP Detection Trials (Y=Detection, N=No Detection)																

6.1.7 Duty Cycle_Band 7_Ant10

Ant10			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11ax (HEW20)	6535	6535.000	22.34

6.1.8 Contention Based Protocol_Detection Power_Band 7_Ant10

Ant10								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11ax (HEW20)	6535	6535.000	OFF	-67.01	1.12	-68.13	<=-62	Pass
			Minimal	-66.95	1.12	-68.07	<=-62	Pass
			ON	-67.92	1.12	-69.04	<=-62	Pass

6.1.9 Contention Based Protocol_Detection Probability_Band 7_Ant10

Ant10															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11ax (HEW20)	6535	6535.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
Note1: CBP Detection Trials (Y=Detection, N=No Detection)															

6.1.10 Duty Cycle_Band 8_Ant10

Ant10			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11ax (HEW20)	6895	6895.000	22.33

6.1.11 Contention Based Protocol_Detection Power_Band 8_Ant10

Ant10															
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Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11ax (HEW20)	6895	6895.000	OFF	-67.78	1.12	-68.90	<=-62	Pass
			Minimal	-67.74	1.12	-68.86	<=-62	Pass
			ON	-68.66	1.12	-69.78	<=-62	Pass

6.1.12 Contention Based Protocol_Detection Probability_Band 8_Ant10

Ant10															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11ax (HEW20)	6895	6895.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass

Note1: CBP Detection Trials (Y=Detection, N=No Detection)



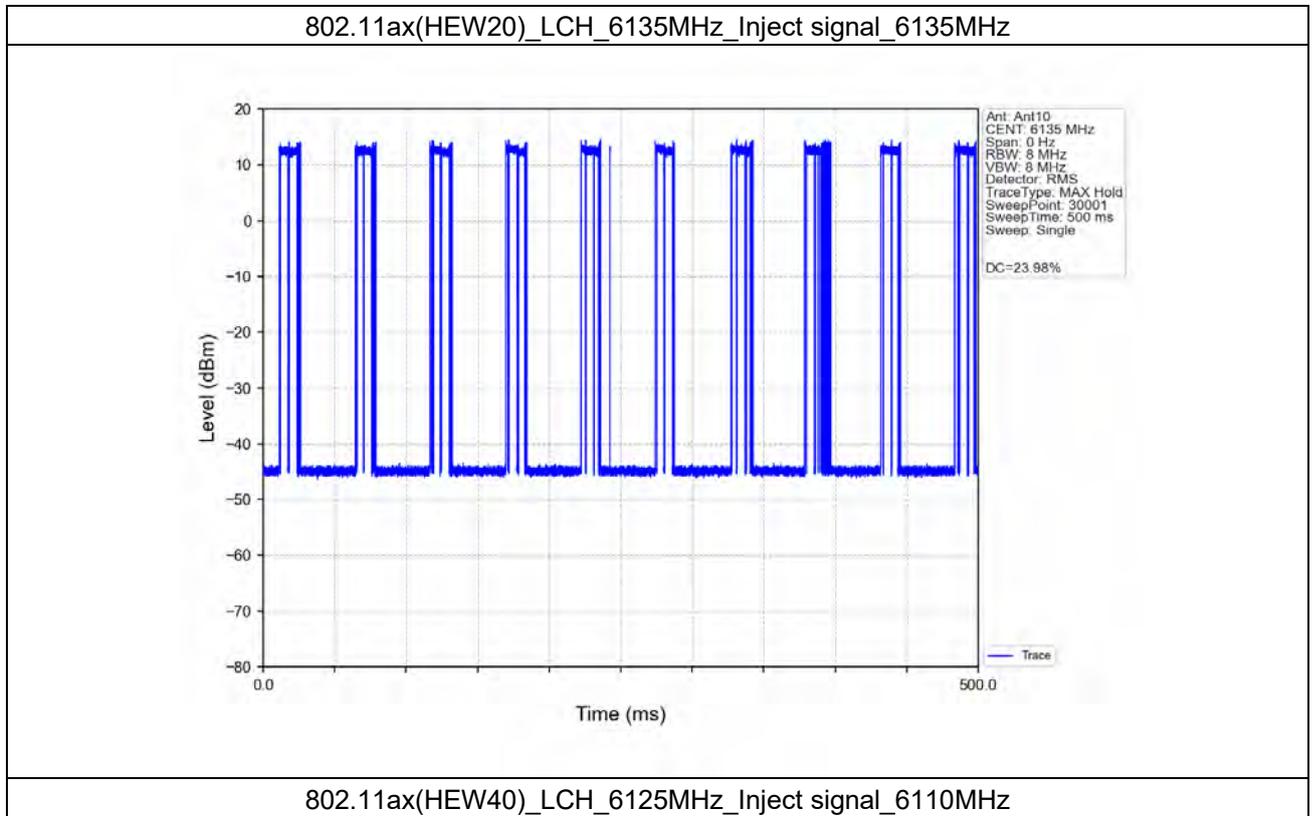
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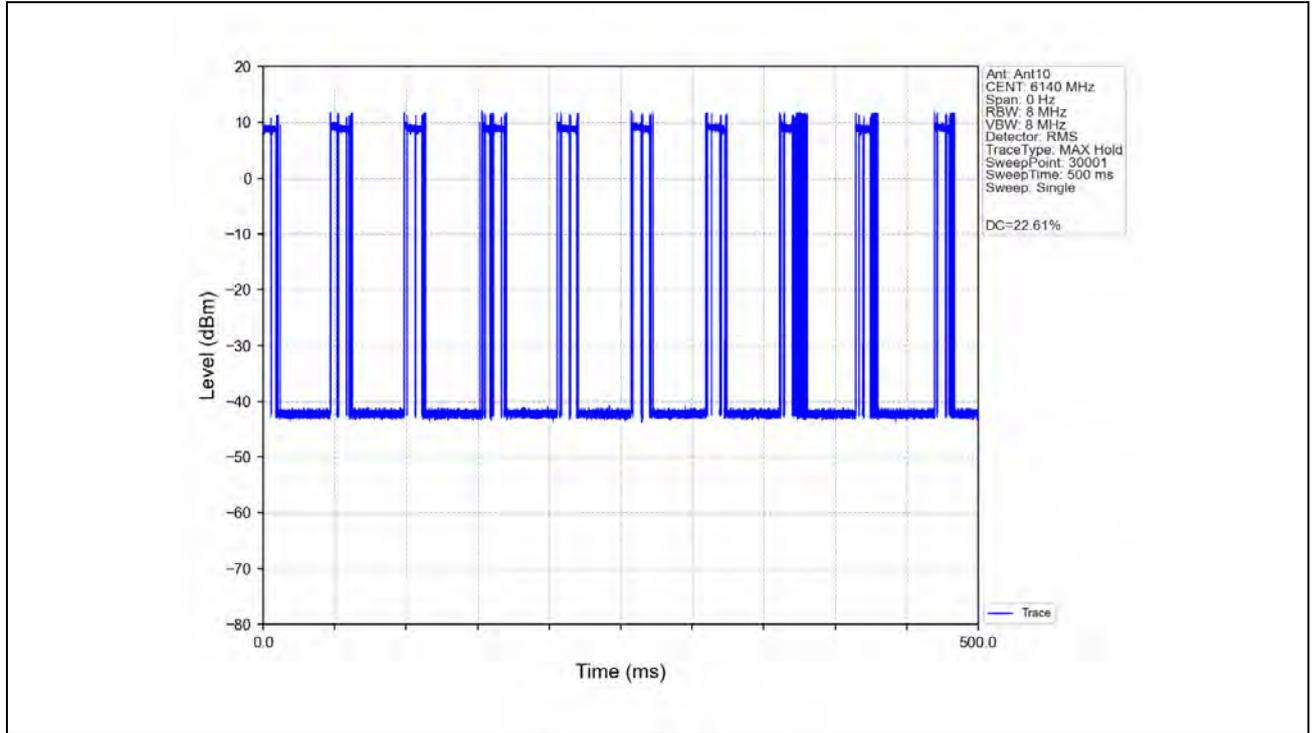
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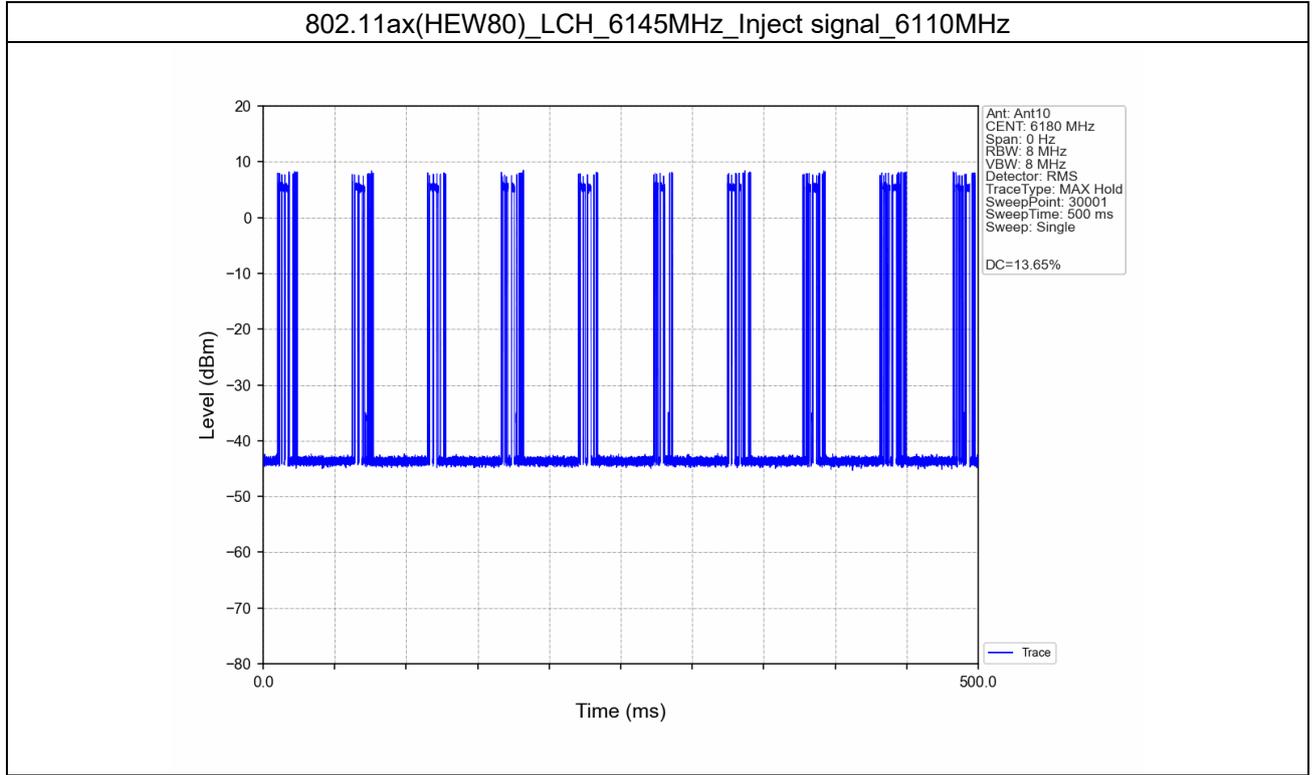
6.2 Test Graph

6.2.1 Duty Cycle_Band 5_Ant10



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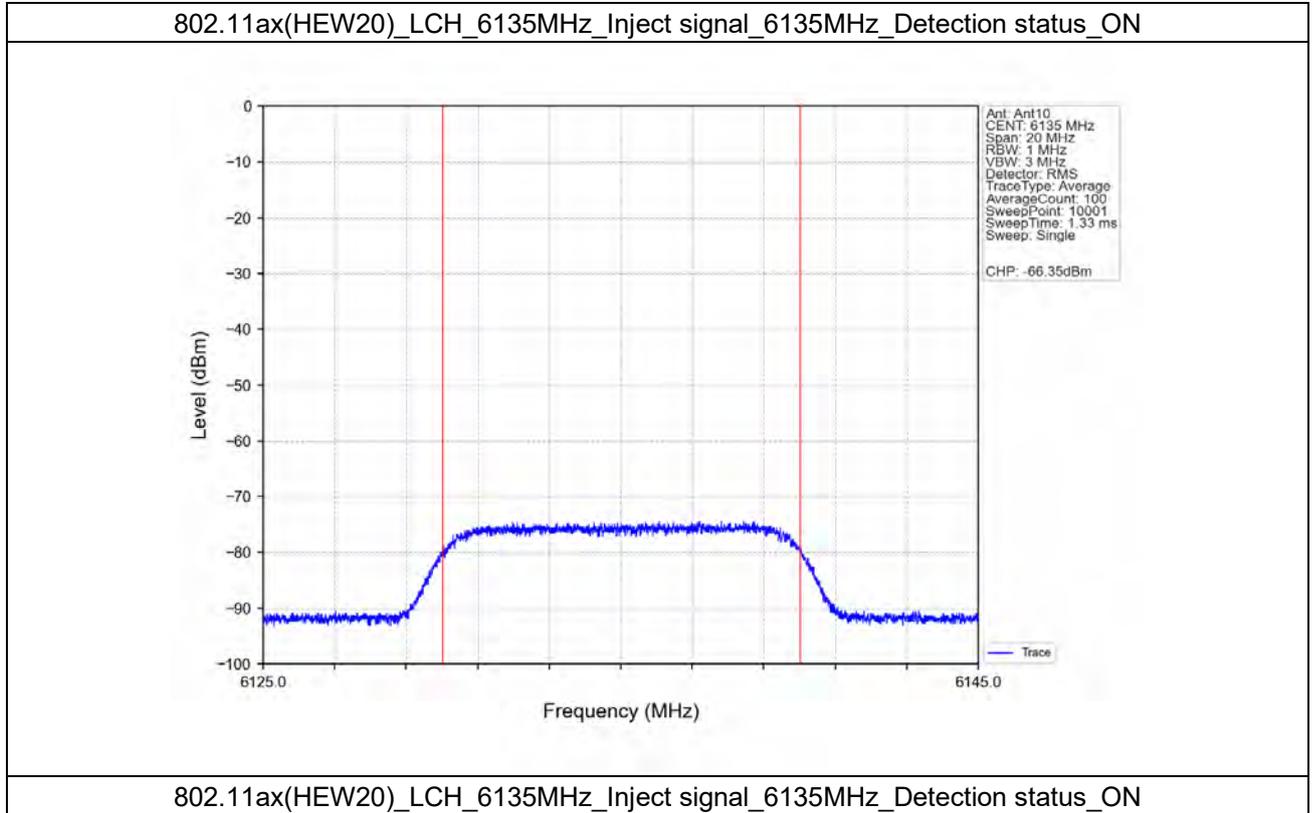




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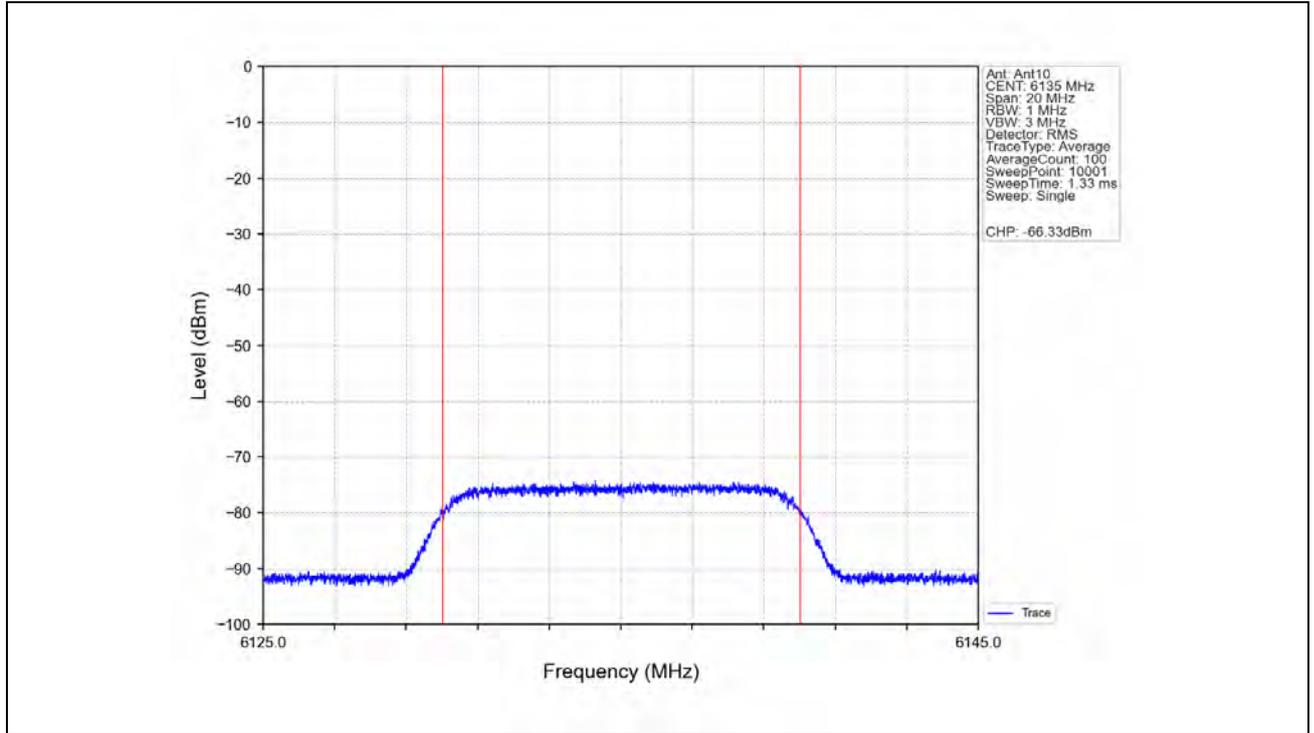
6.2.2 Contention Based Protocol_Detection Power_Band 5_Ant10



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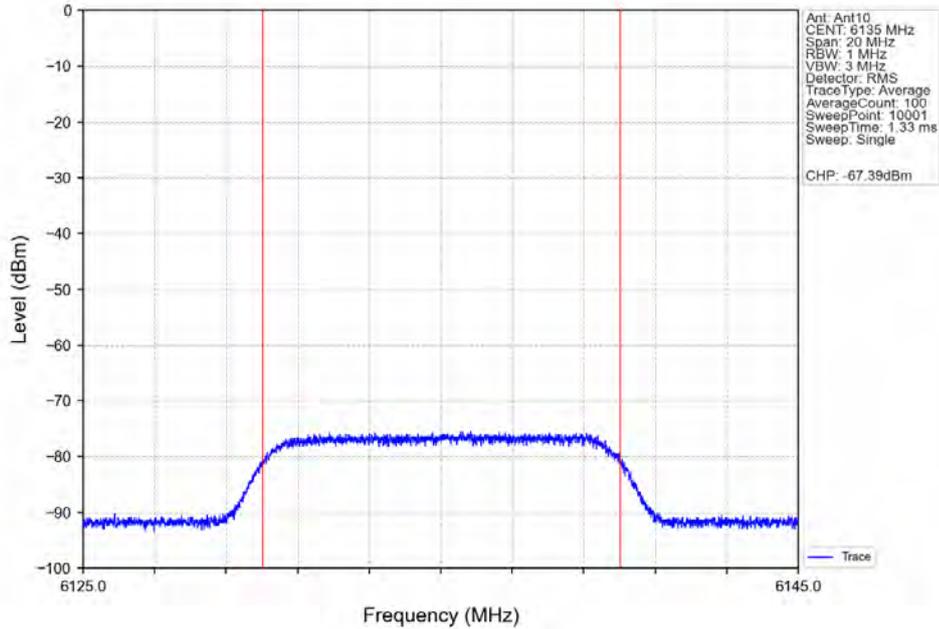
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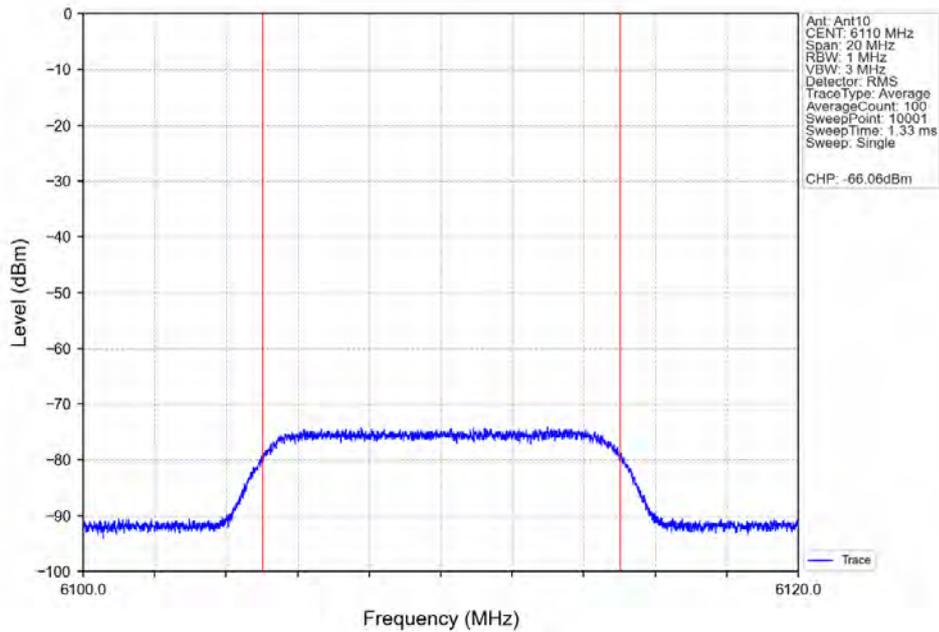
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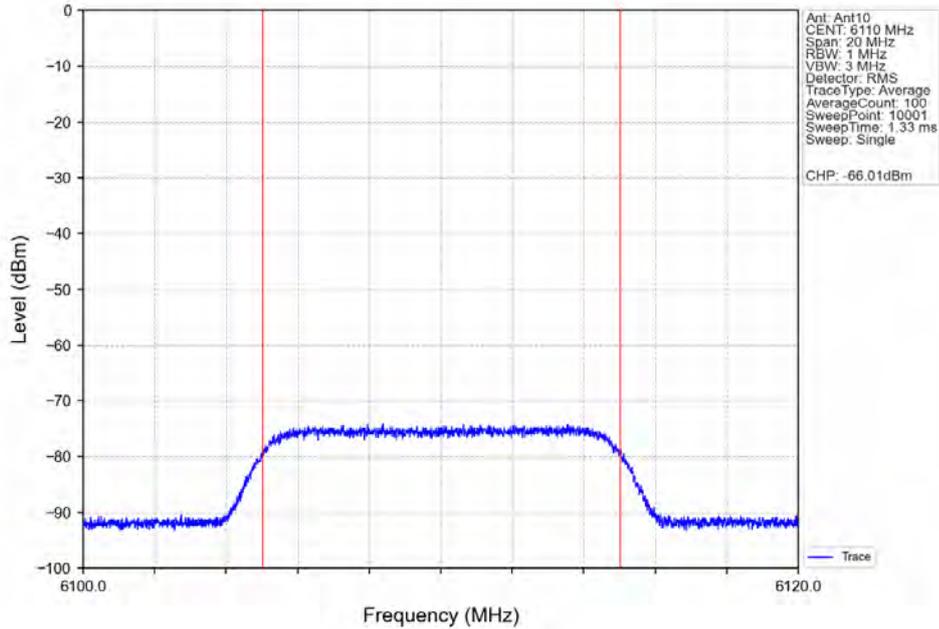
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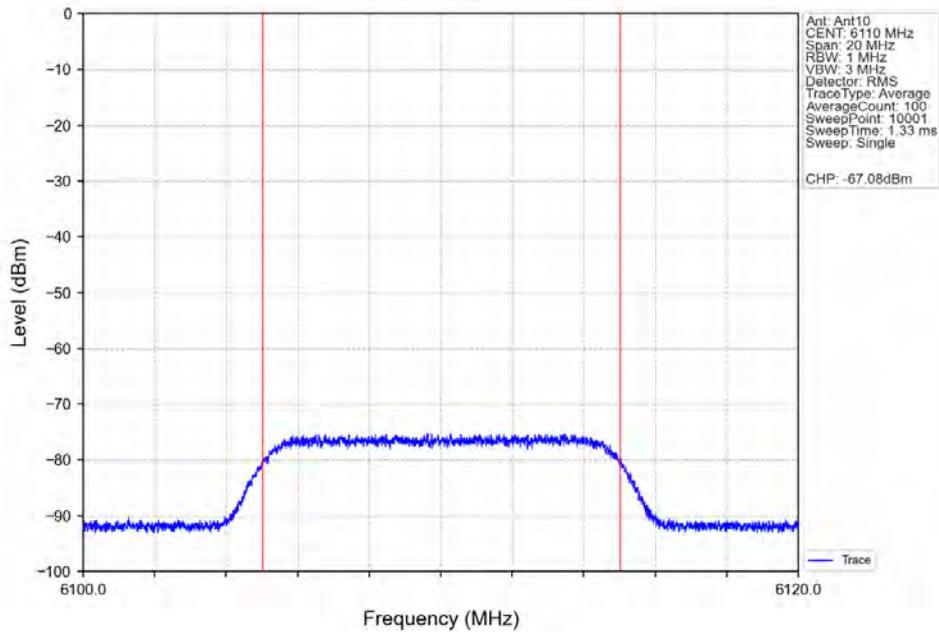
802.11ax(HEW40)_LCH_6125MHz_Inject signal_6140MHz_Detection status_ON



802.11ax(HEW40)_LCH_6125MHz_Inject signal_6140MHz_Detection status_ON

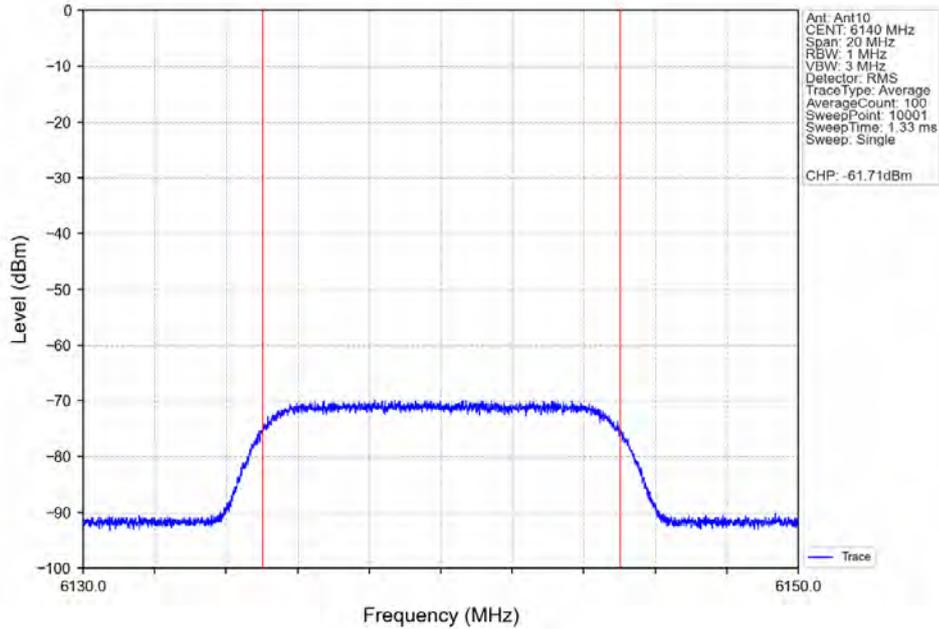


802.11ax(HEW40)_LCH_6125MHz_Inject signal_6140MHz_Detection status_ON

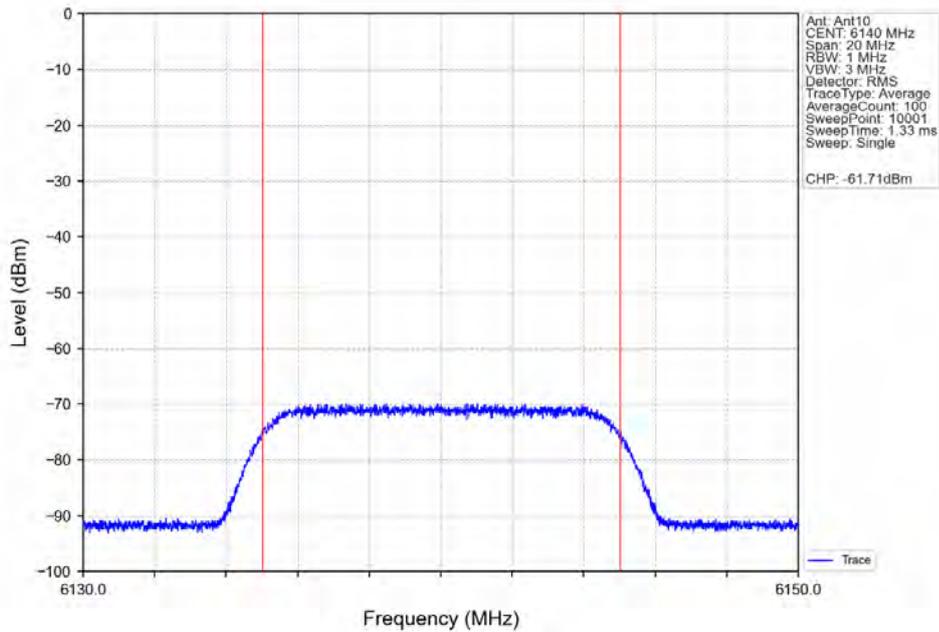


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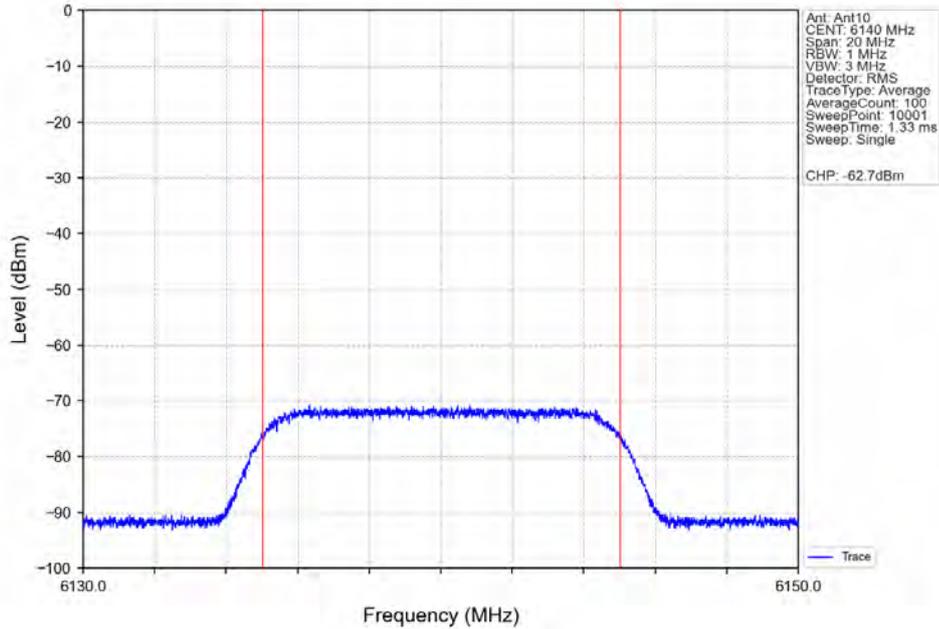


802.11ax(HEW40)_LCH_6125MHz_Inject signal_6140MHz_Detection status_ON

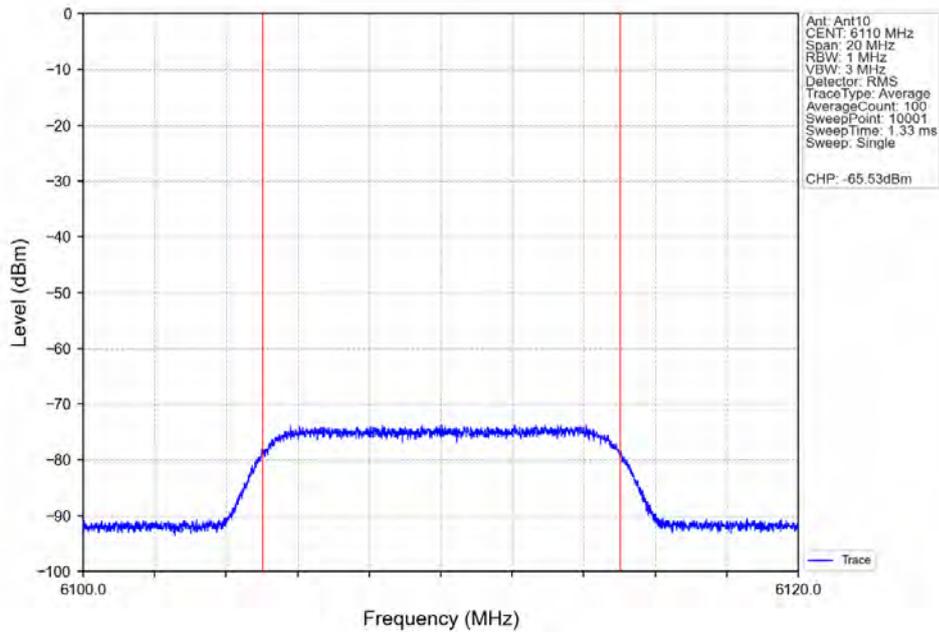


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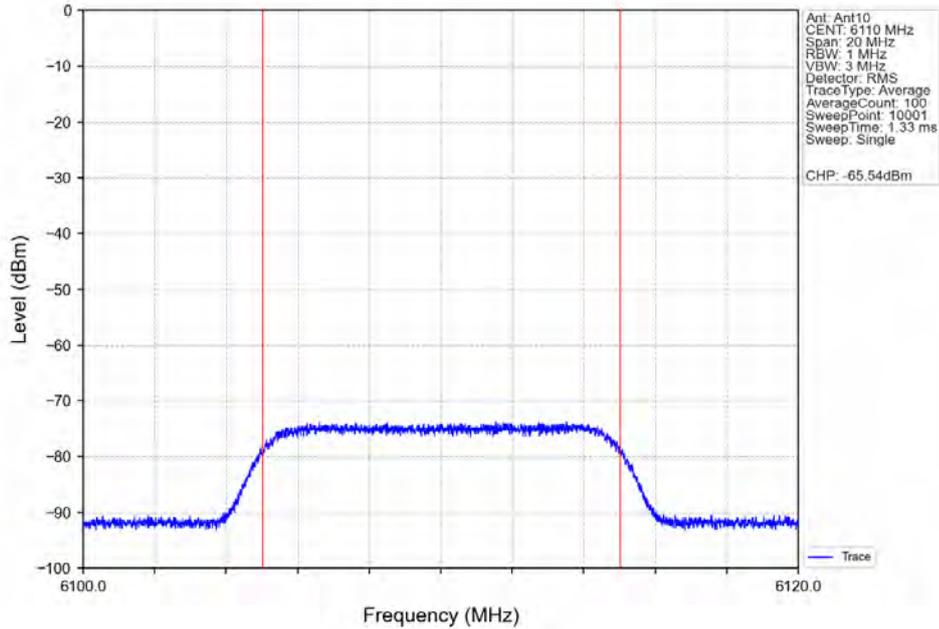


802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_Detection status_ON

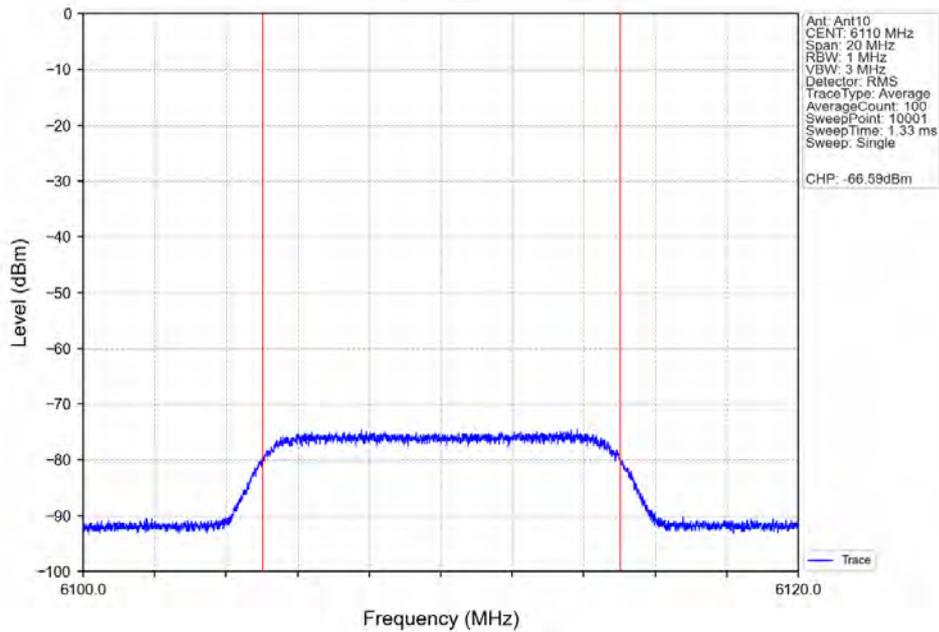


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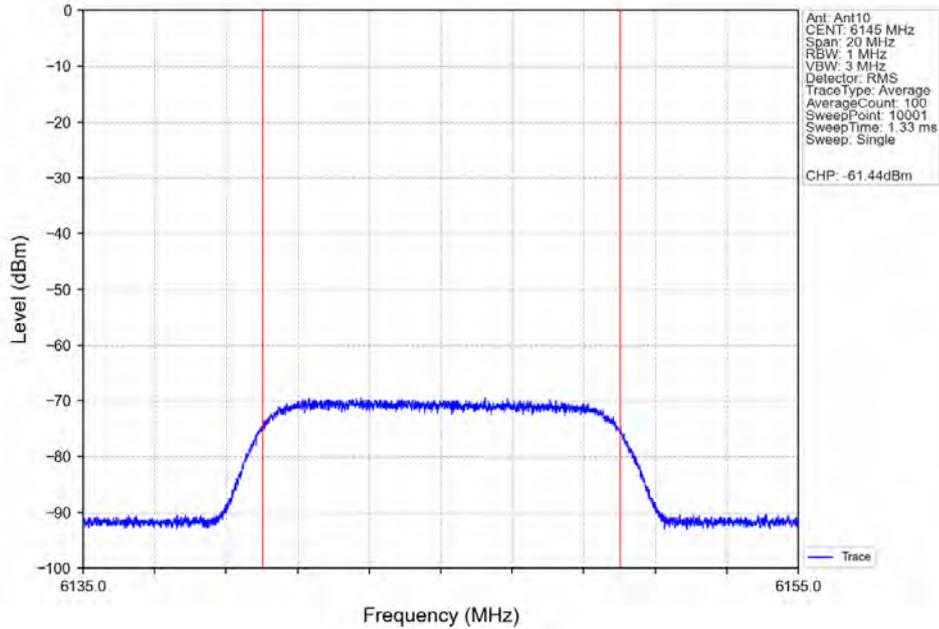
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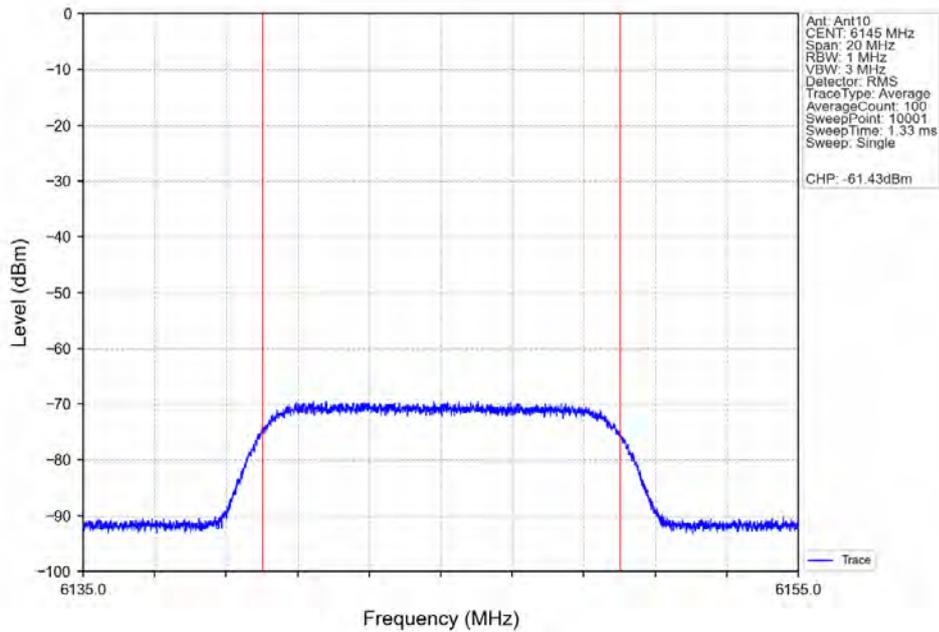
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802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_Detection status_ON

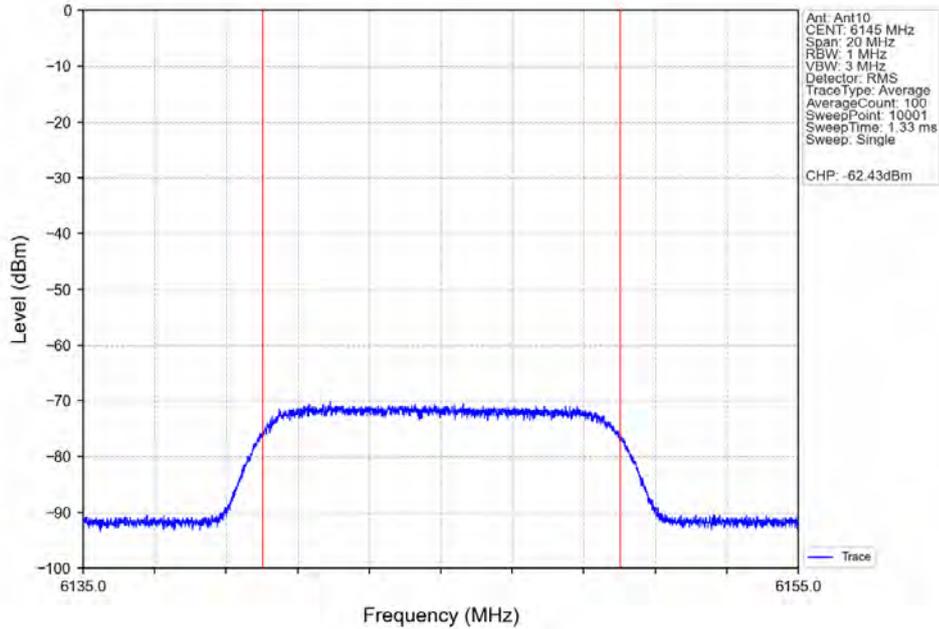


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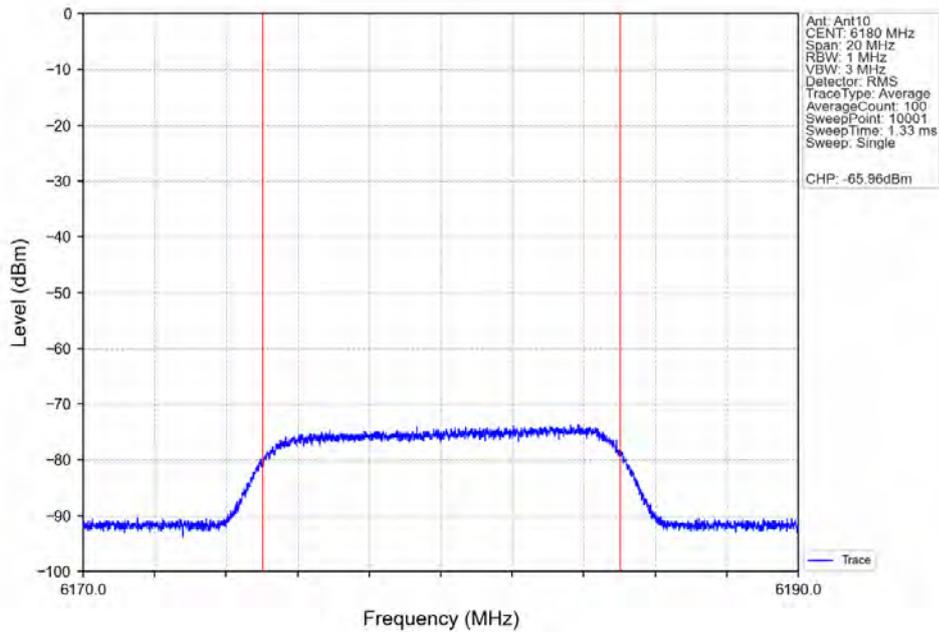


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802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_Detection status_ON

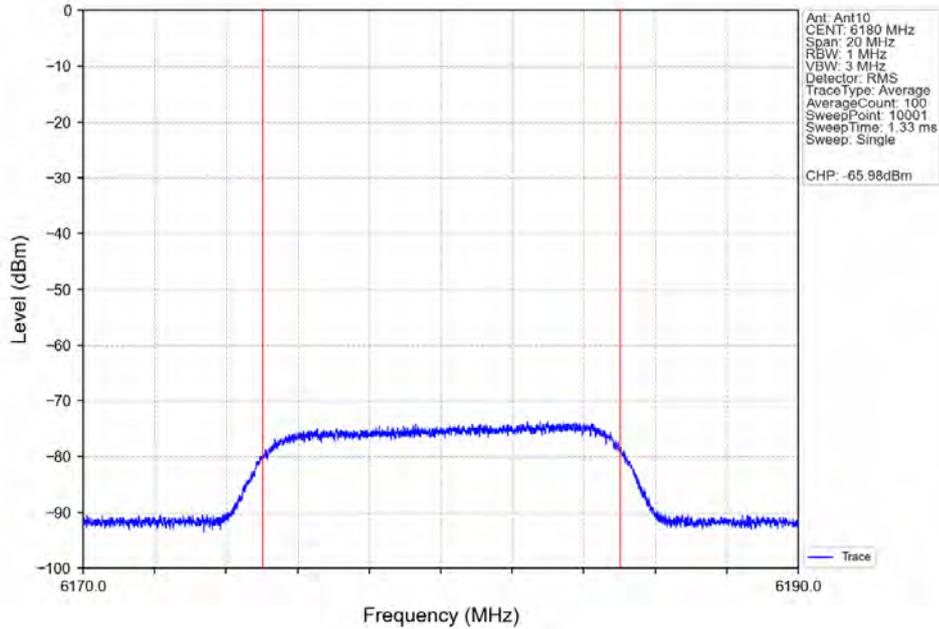


802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_Detection status_ON

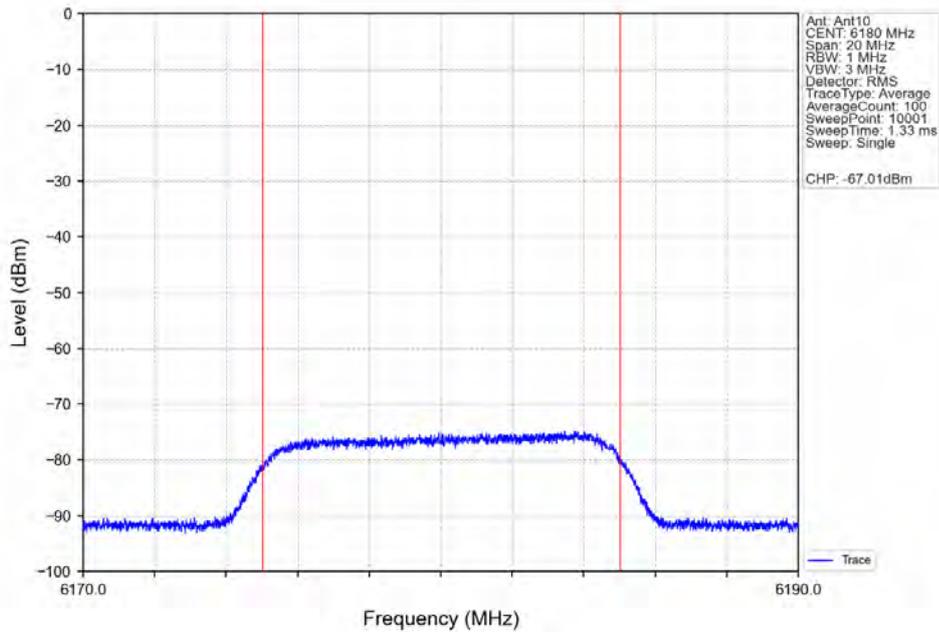


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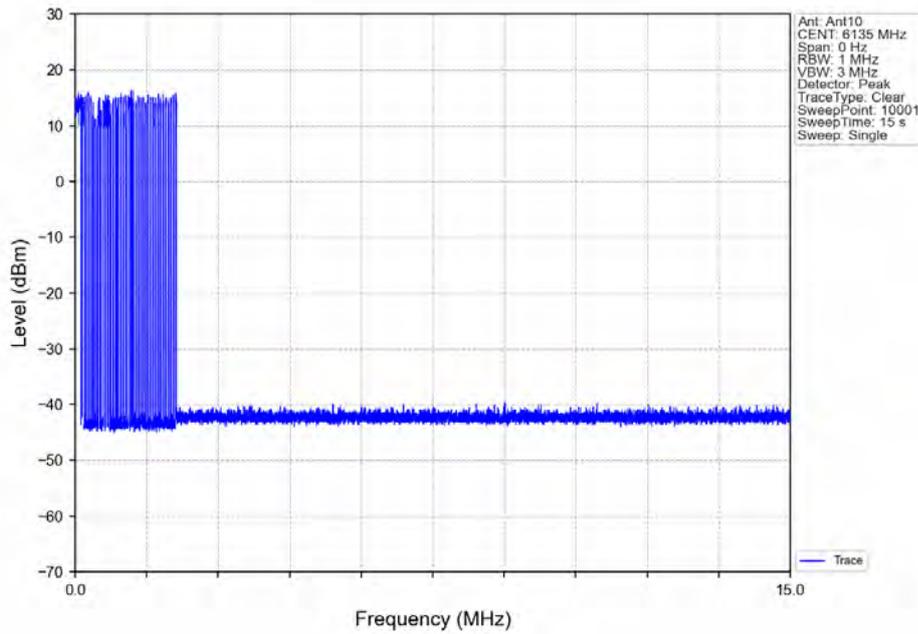
802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_Detection status_ON



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6.2.3 Contention Based Protocol_Detection Probability_Band 5_Ant10

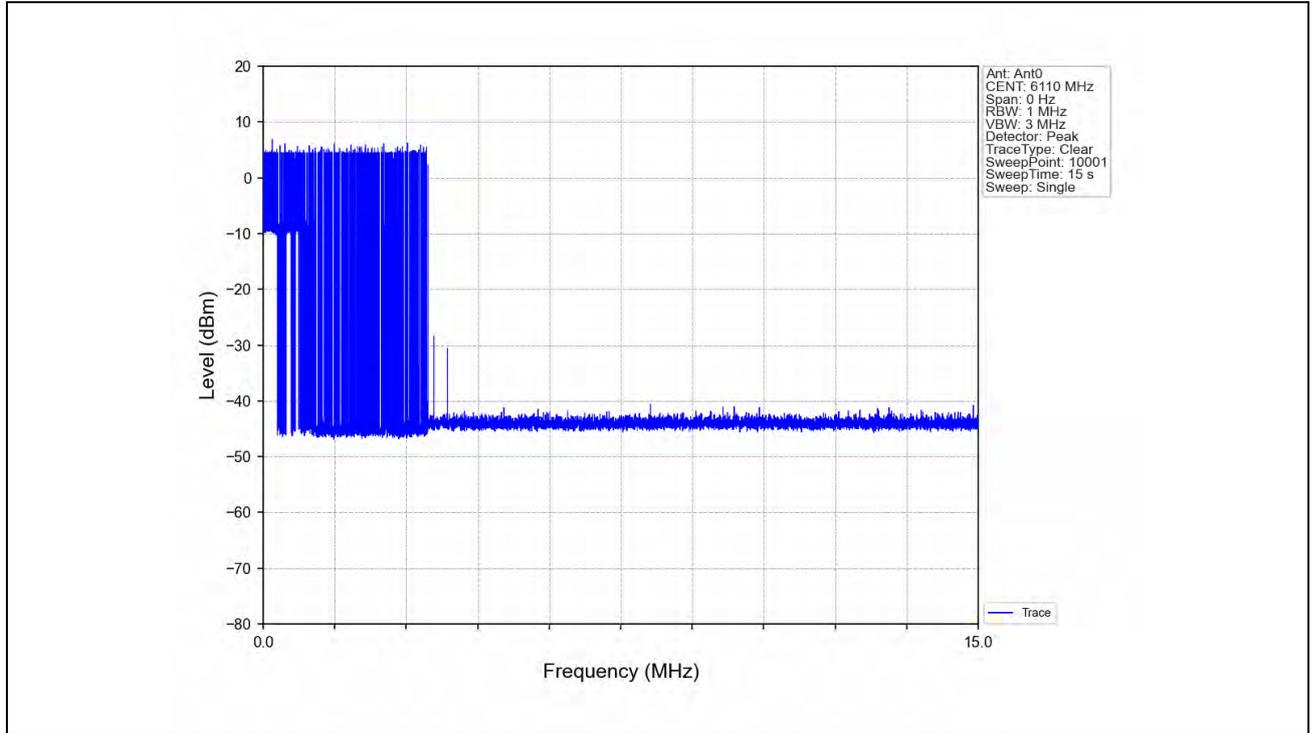
802.11ax(HEW20)_LCH_6135MHz_Inject signal_6135MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



802.11ax(HEW40)_LCH_6125MHz_Inject signal_6140MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



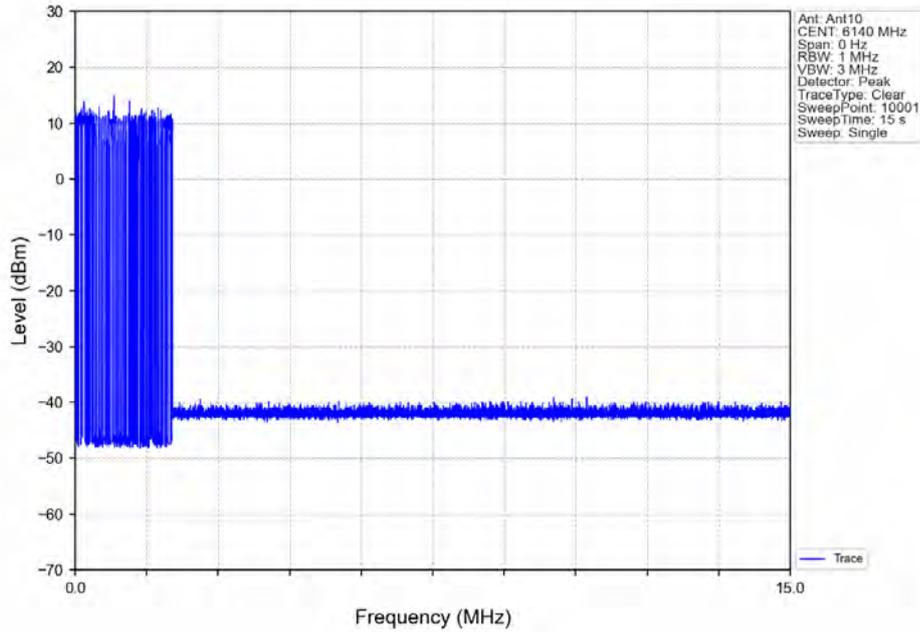
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802.11ax(HEW40)_LCH_6125MHz_Inject signal_6140MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected

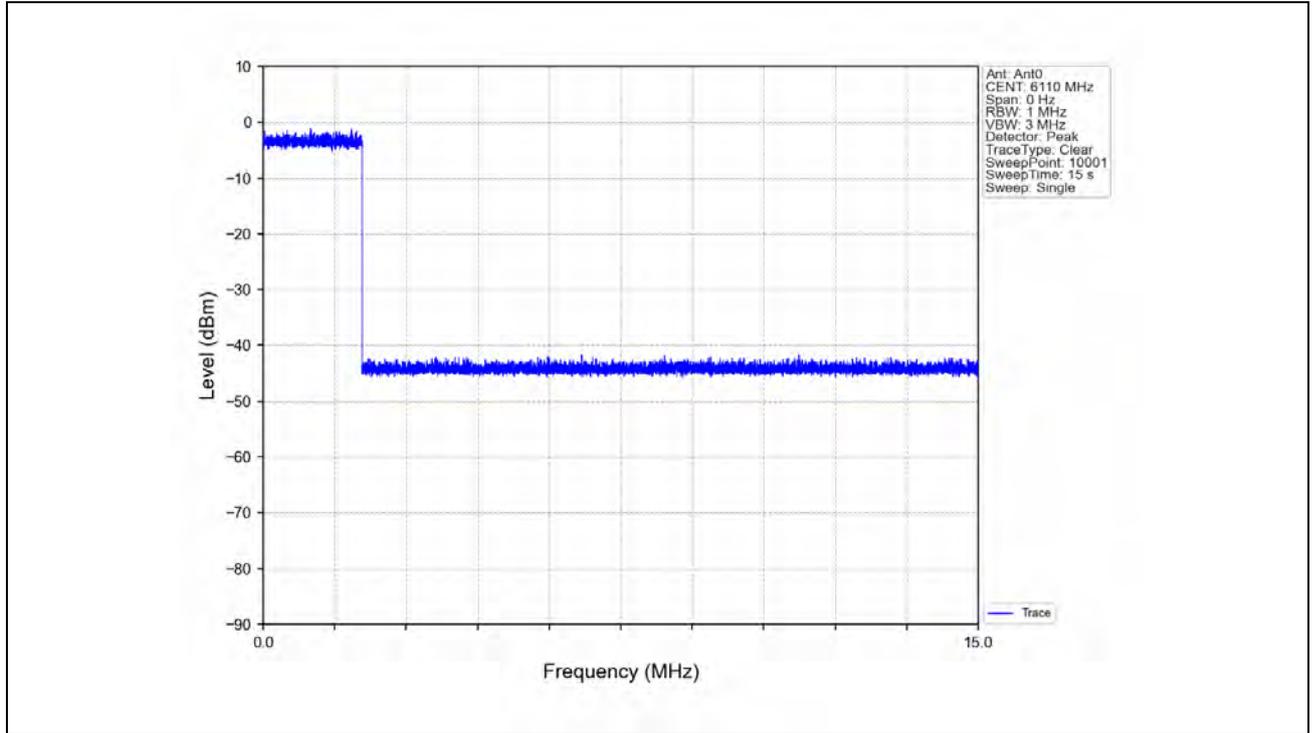


802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



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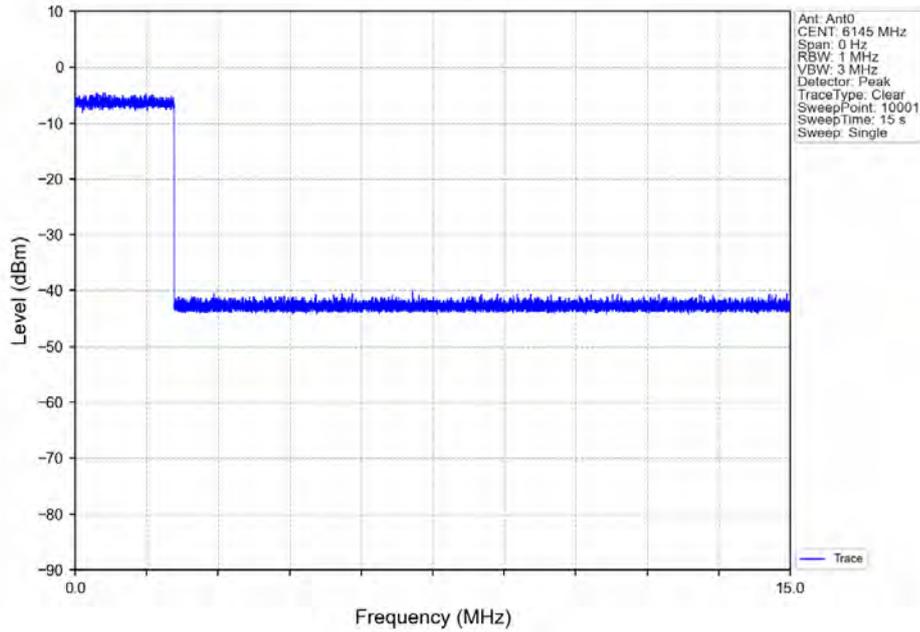
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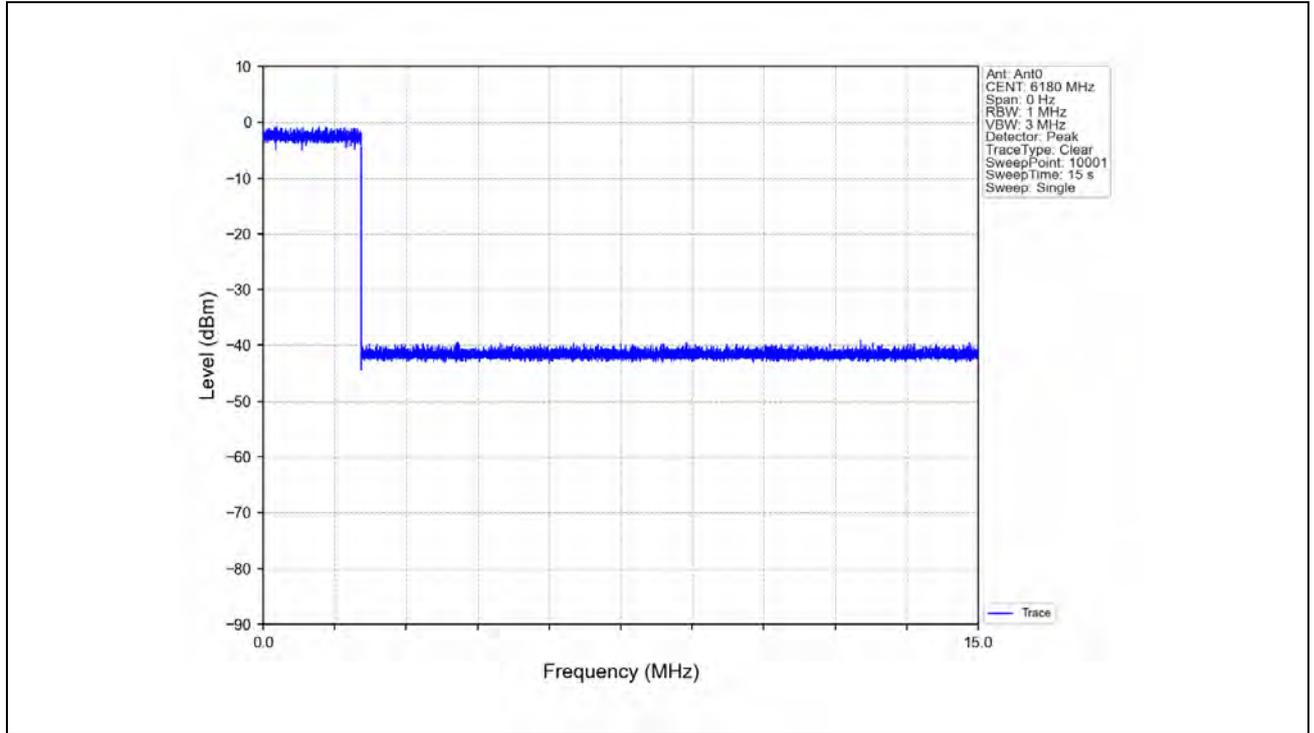
802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



802.11ax(HEW80)_LCH_6145MHz_Inject signal_6180MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



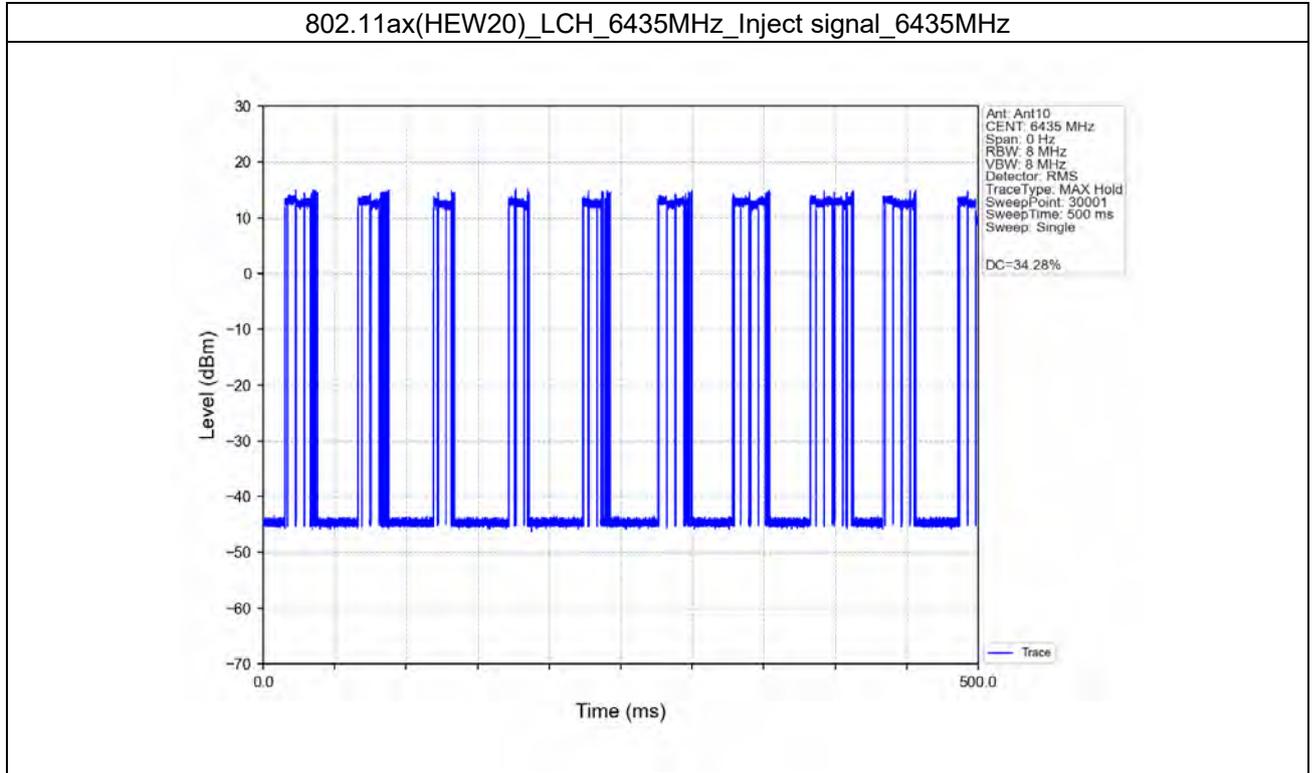
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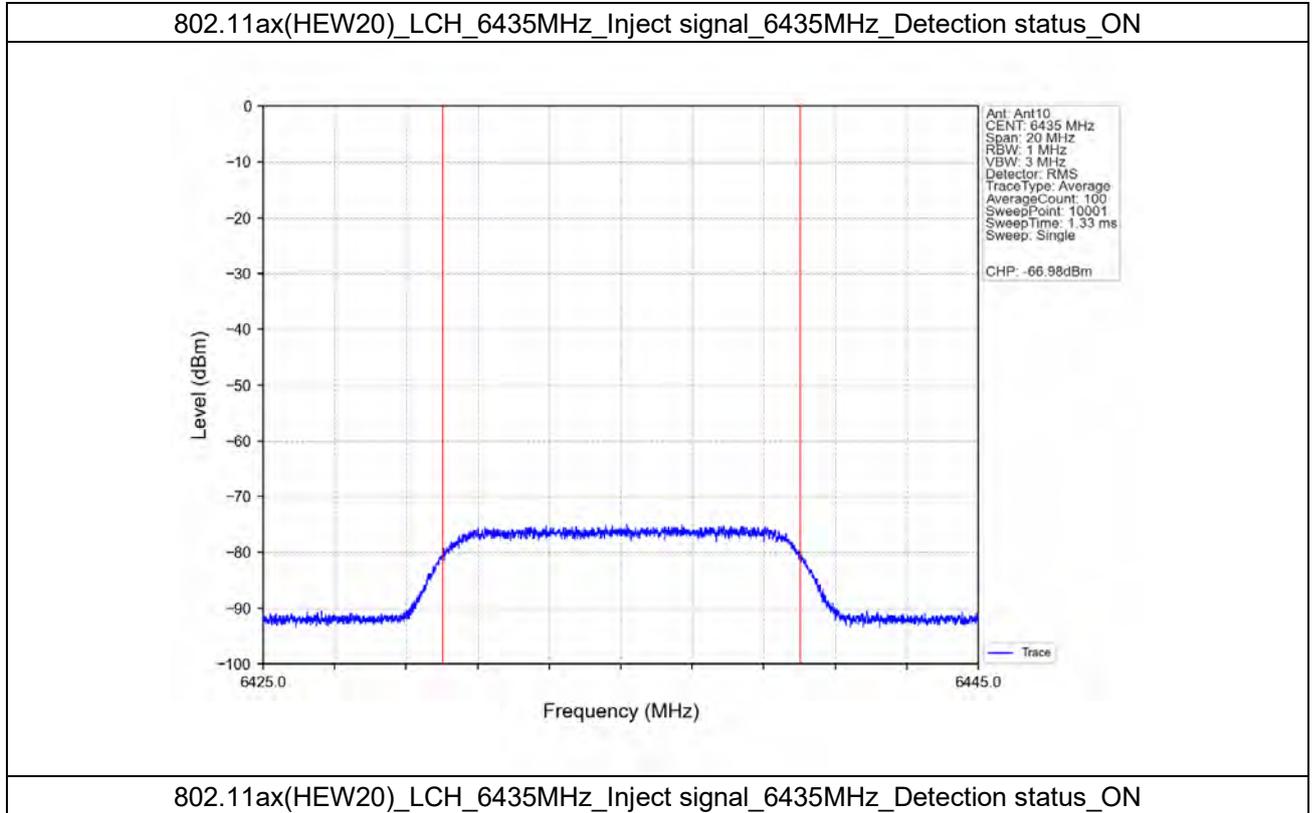
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6.2.4 Duty Cycle_Band 6_Ant10

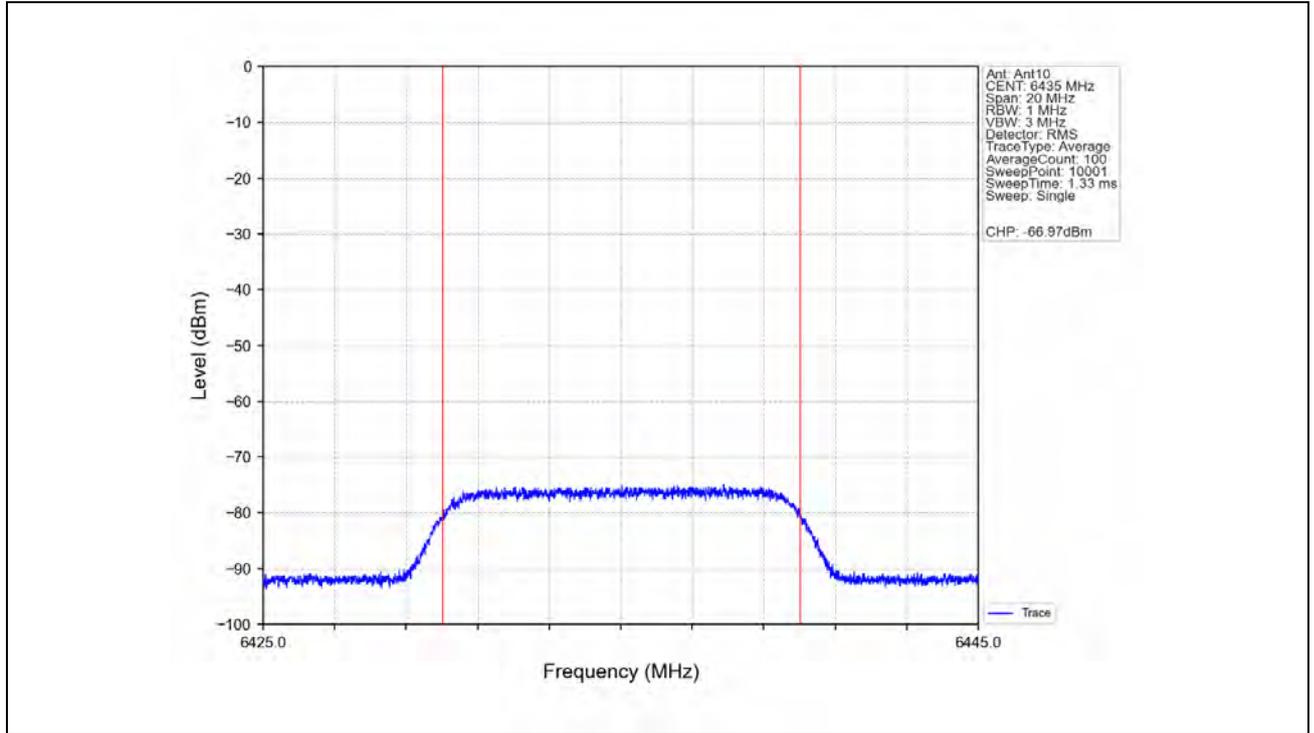


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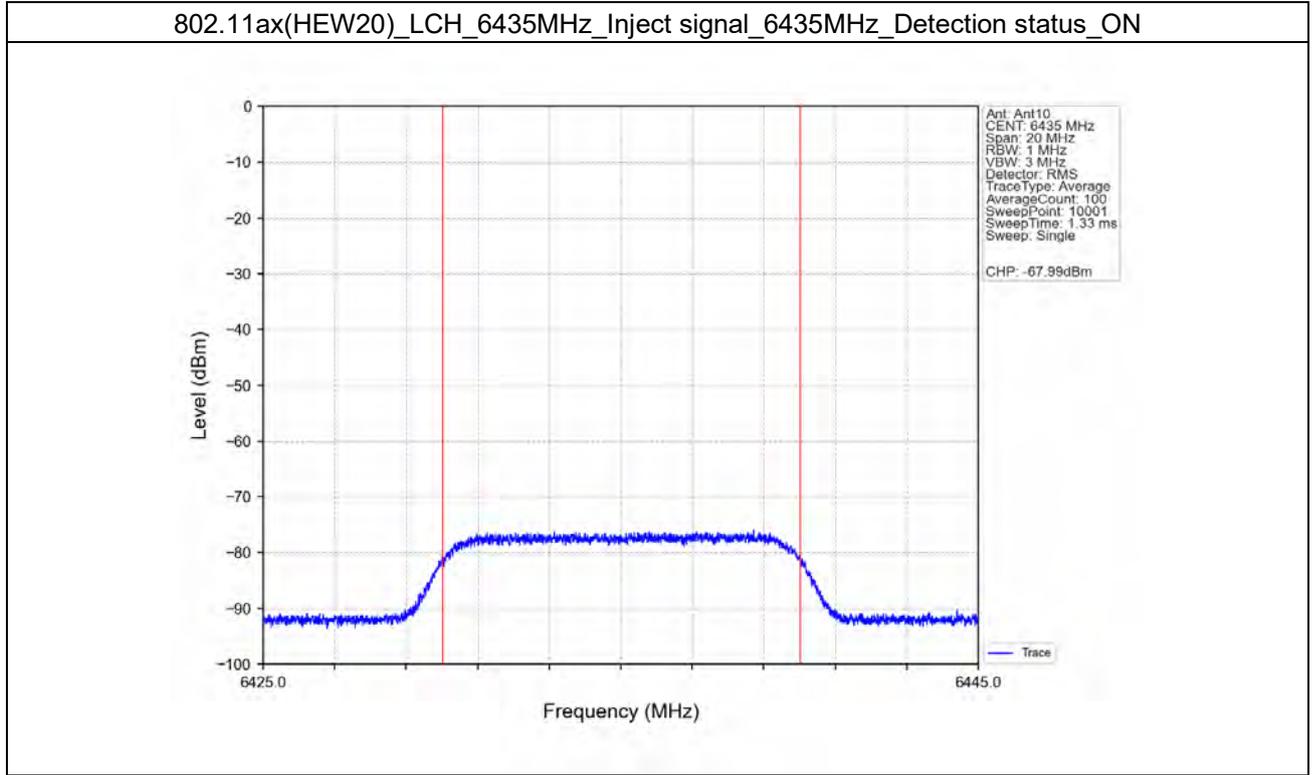
1.2.5 Contention Based Protocol_Detection Power_Band 6_Ant10



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802.11ax(HEW20)_LCH_6435MHz_Inject signal_6435MHz_Detection status_ON

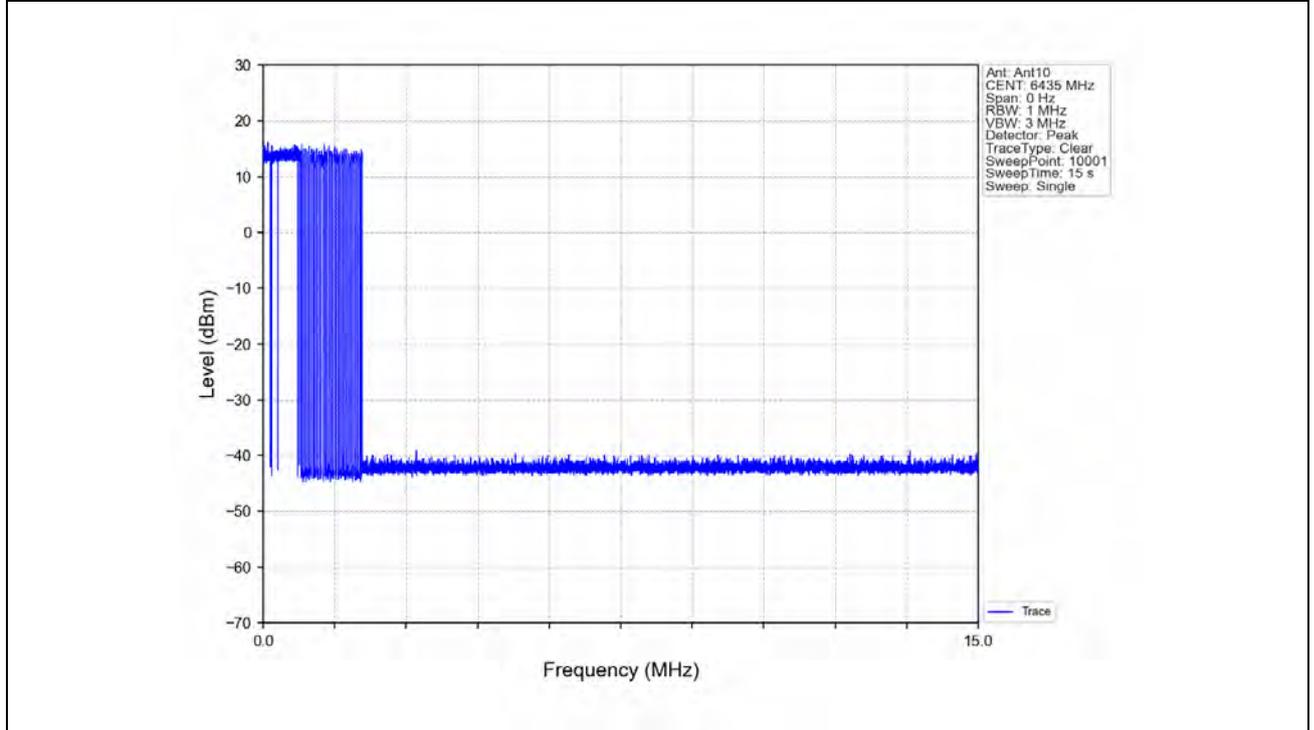


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6.2.6 Contention Based Protocol_Detection Probability_Band 6_Ant10

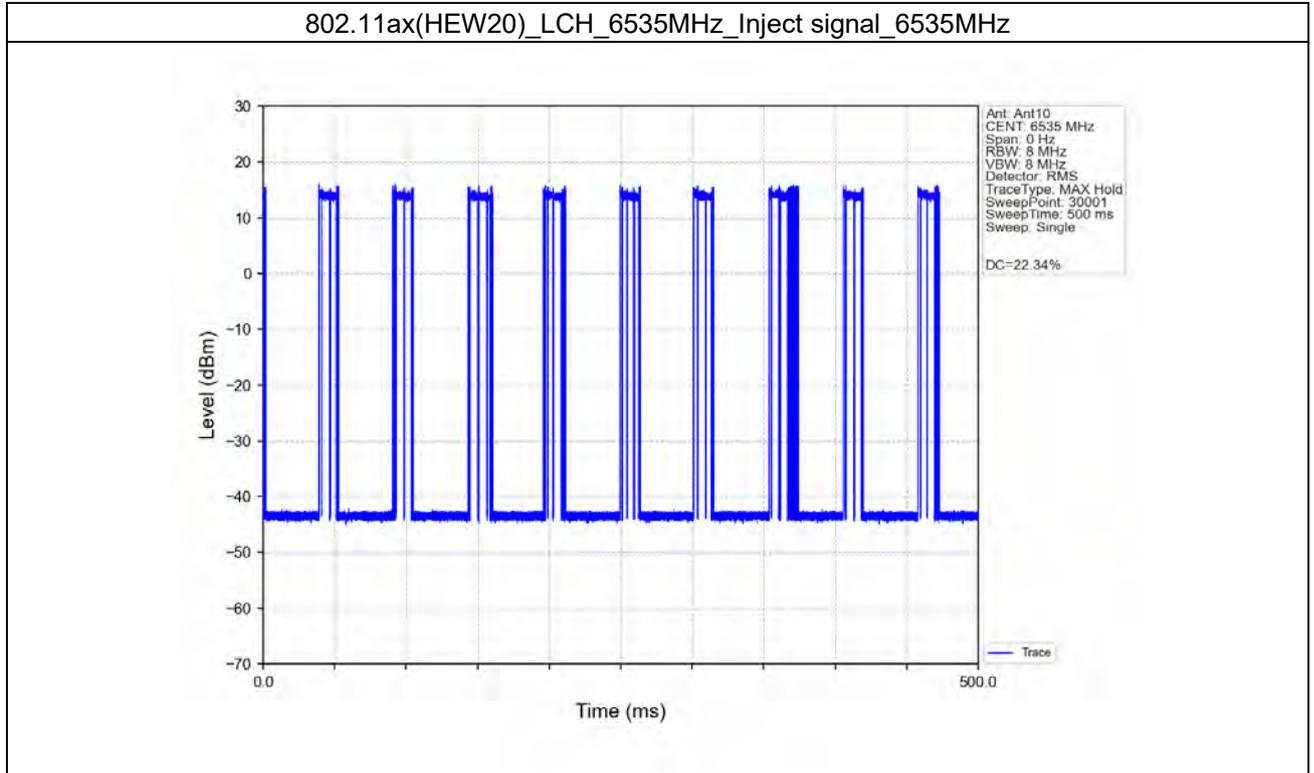
802.11ax(HEW20)_LCH_6435MHz_Inject signal_6435MHz_Inject Incumbent signal at 10th seconds and keep the signal continuously injected



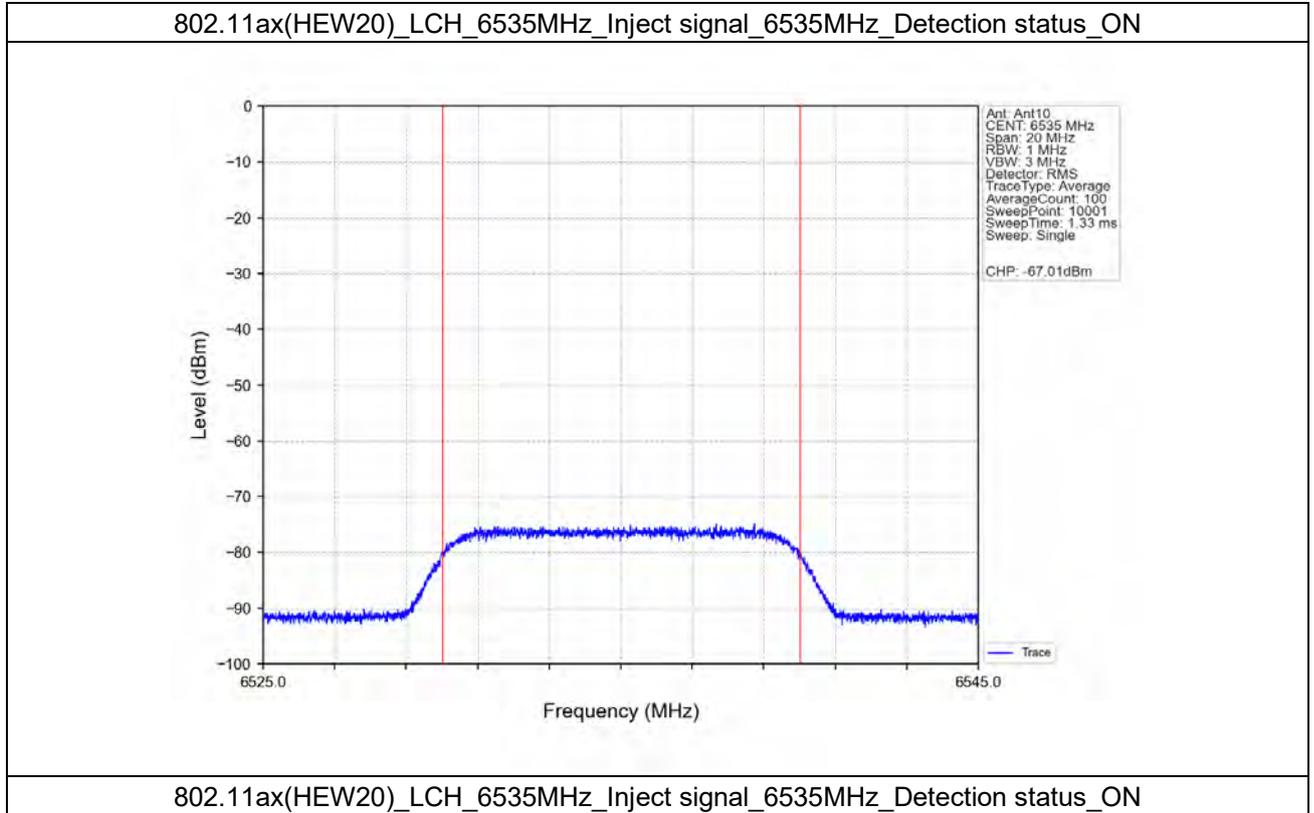
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6.2.7 Duty Cycle_Band 7_Ant10



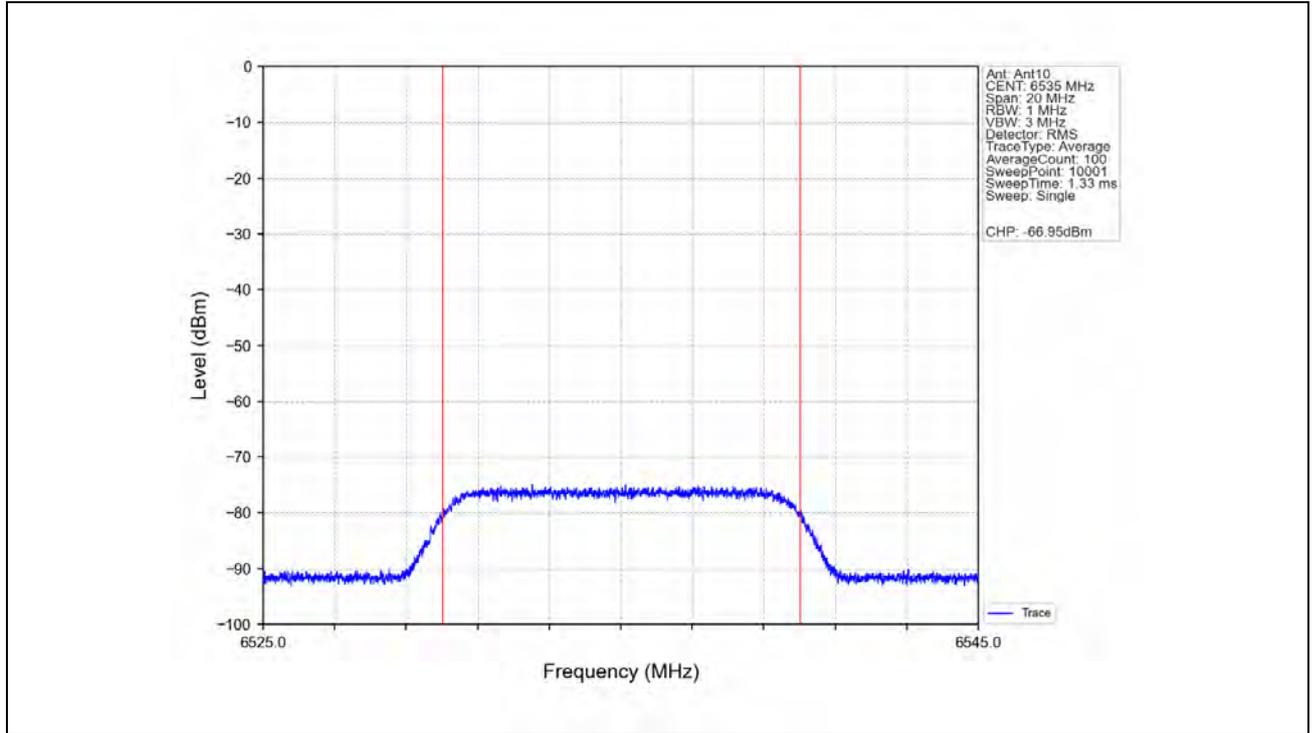
6.2.8 Contention Based Protocol_Detection Power_Band 7_Ant10



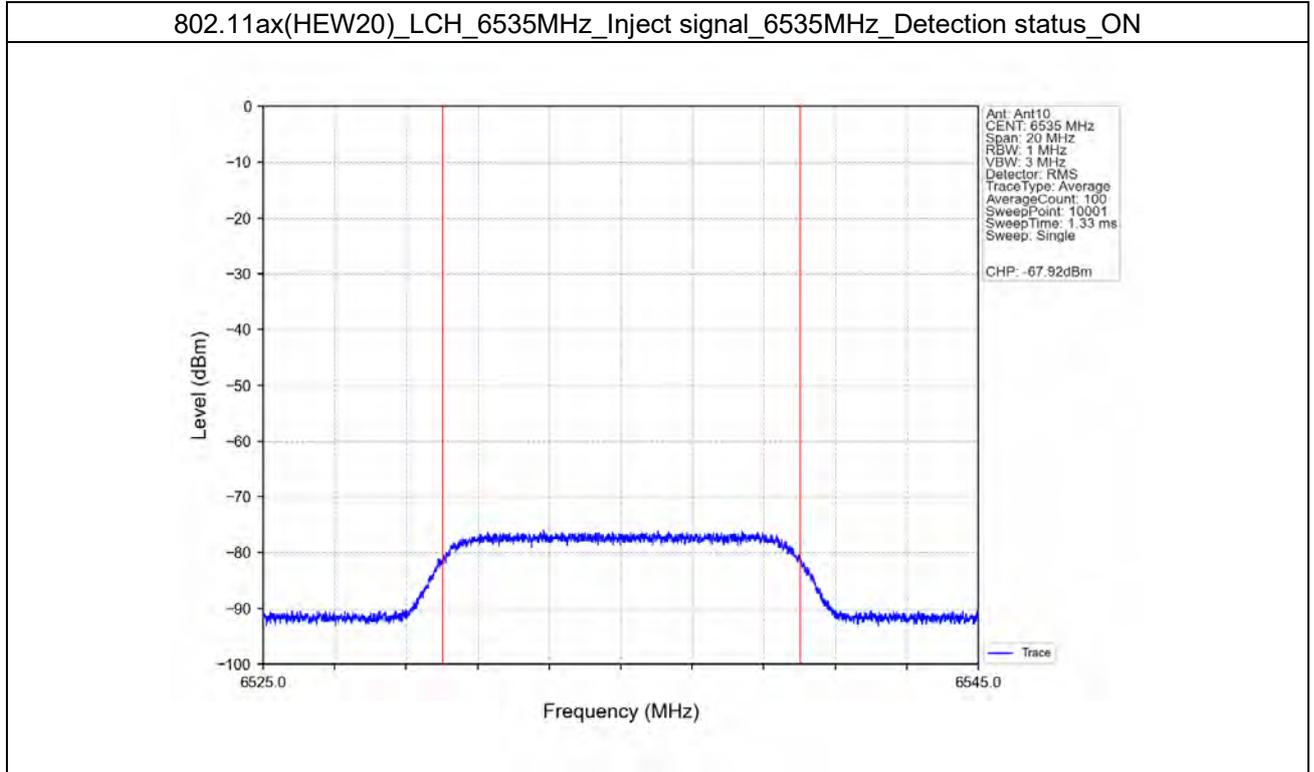
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802.11ax(HEW20)_LCH_6535MHz_Inject signal_6535MHz_Detection status_ON

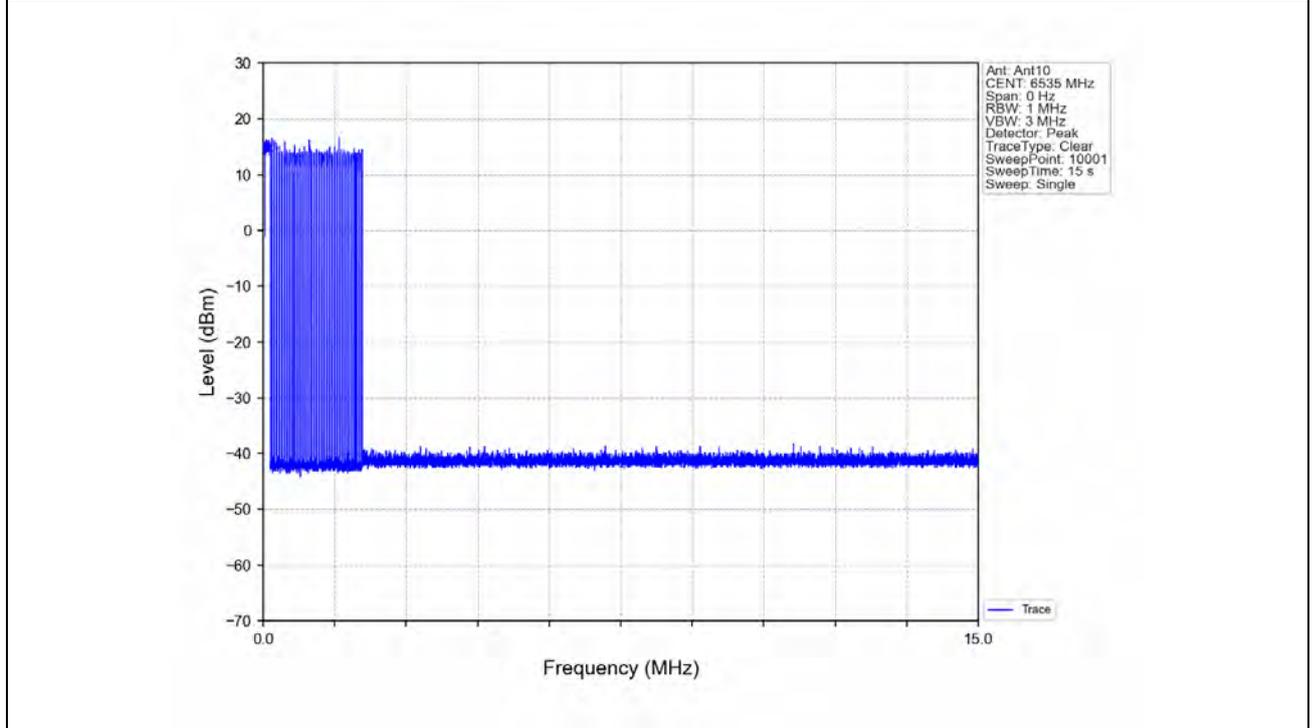


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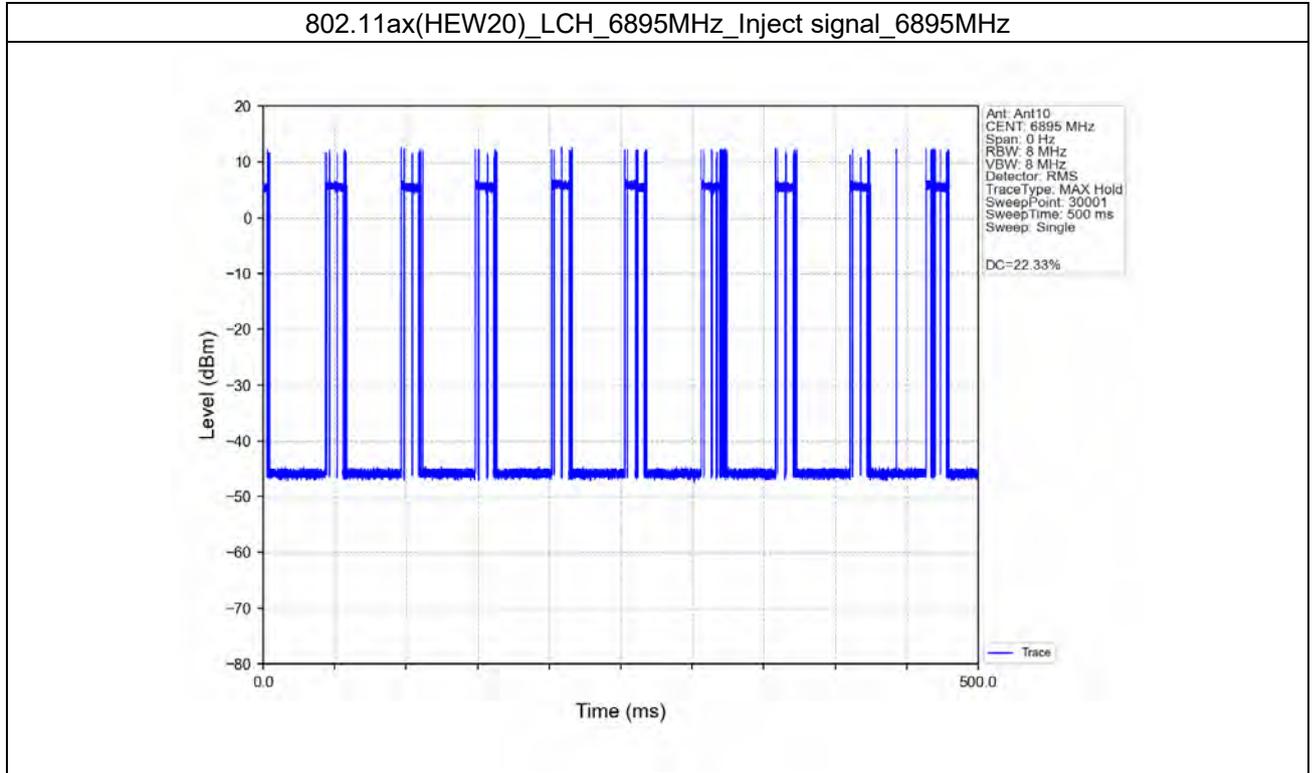
6.2.9 Contention Based Protocol_Detection Probability_Band 7_Ant10

802.11ax(HEW20)_LCH_6535MHz_Inject signal_6535MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



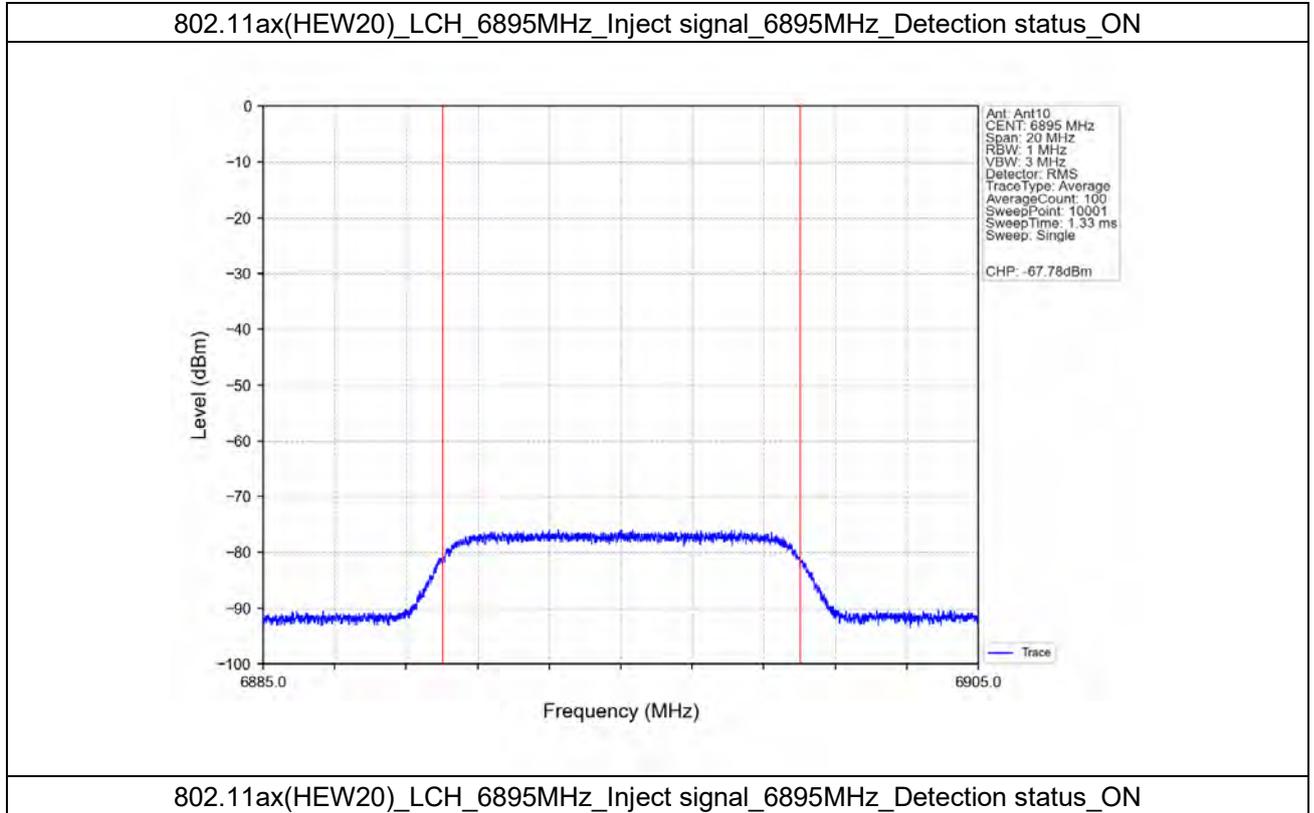
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6.2.10 Duty Cycle_Band 8_Ant10

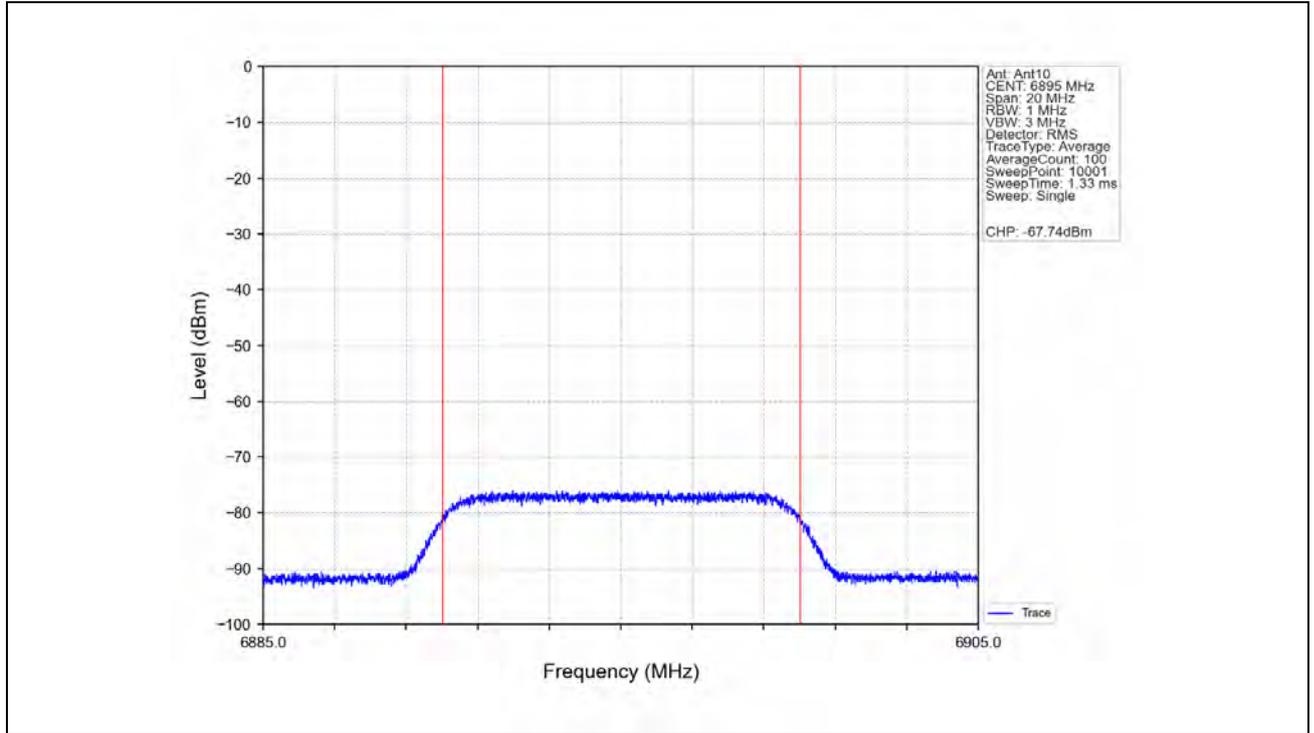


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6.2.11 Contention Based Protocol_Detection Power_Band 8_Ant10



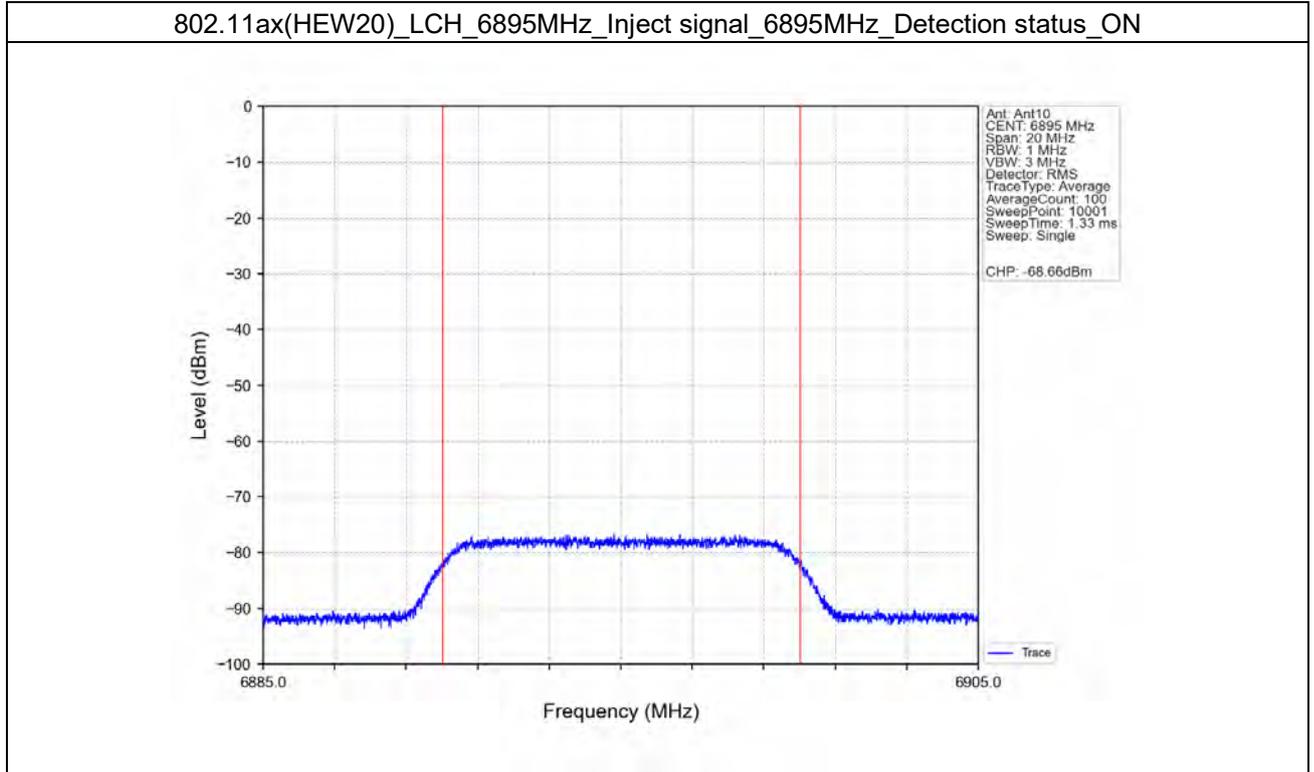
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802.11ax(HEW20)_LCH_6895MHz_Inject signal_6895MHz_Detection status_ON

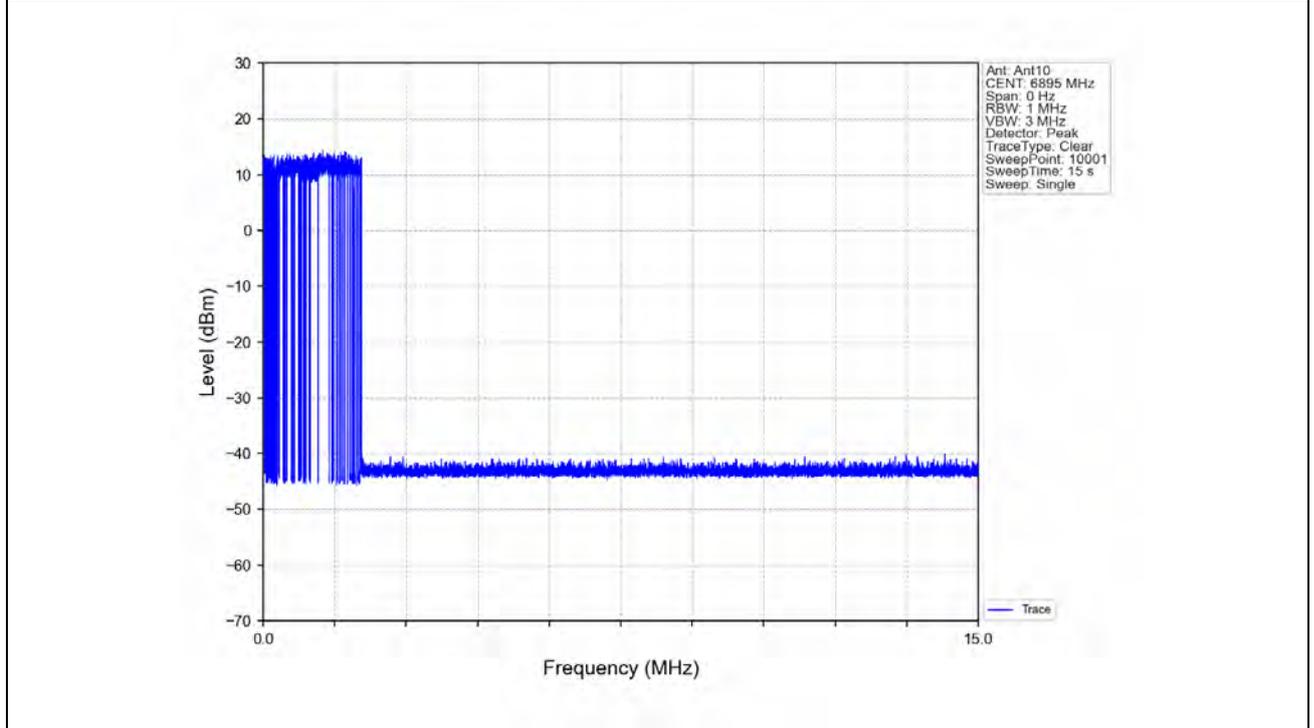


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6.2.12 Contention Based Protocol_Detection Probability_Band 8_Ant10

802.11ax(HEW20)_LCH_6895MHz_Inject signal_6895MHz_Inject Incumbent signal at 10th seconds and keep the signal continuously injected



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7. Frequency Stability

7.1 Test Result

7.1.1 Ant8

Ant8											
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict	
NTNV	802.11ax (HEW20)	MIMO	5955	SU	/	20	3.4	5955.040	5925 to 6425	Pass	
							3.8	5955.020	5925 to 6425	Pass	
							4.45	5955.020	5925 to 6425	Pass	
						-30	3.8	5955.040	5925 to 6425	Pass	
							-20	3.8	5955.020	5925 to 6425	Pass
								3.8	5955.040	5925 to 6425	Pass
						0	3.8	5955.000	5925 to 6425	Pass	
							10	3.8	5955.040	5925 to 6425	Pass
								3.8	5955.000	5925 to 6425	Pass
			30	3.8	5955.040	5925 to 6425	Pass				
				40	3.8	5955.040	5925 to 6425	Pass			
					3.8	5955.000	5925 to 6425	Pass			
			6175	SU	/	20	3.4	6175.000	5925 to 6425	Pass	
							3.8	6175.020	5925 to 6425	Pass	
							4.45	6175.020	5925 to 6425	Pass	
						-30	3.8	6175.000	5925 to 6425	Pass	
							-20	3.8	6175.020	5925 to 6425	Pass
								3.8	6175.040	5925 to 6425	Pass
	0	3.8				6175.020	5925 to 6425	Pass			
		10				3.8	6175.060	5925 to 6425	Pass		
						3.8	6175.040	5925 to 6425	Pass		
	30	3.8	6175.040	5925 to 6425	Pass						
		40	3.8	6175.040	5925 to 6425	Pass					
			3.8	6175.040	5925 to 6425	Pass					
	6415	SU	/	20	3.4	6415.000	5925 to 6425	Pass			
					3.8	6414.980	5925 to 6425	Pass			
					4.45	6415.000	5925 to 6425	Pass			
				-30	3.8	6415.020	5925 to 6425	Pass			
					-20	3.8	6415.020	5925 to 6425	Pass		
						3.8	6415.000	5925 to 6425	Pass		
				0	3.8	6414.980	5925 to 6425	Pass			
					10	3.8	6415.000	5925 to 6425	Pass		
						3.8	6415.040	5925 to 6425	Pass		
	30	3.8	6415.040	5925 to 6425	Pass						
		40	3.8	6415.020	5925 to 6425	Pass					
			3.8	6415.000	5925 to 6425	Pass					
5965	SU	/	20	3.4	5965.080	5925 to 6425	Pass				
				3.8	5965.040	5925 to 6425	Pass				
				4.45	5965.080	5925 to 6425	Pass				
			-30	3.8	5965.000	5925 to 6425	Pass				
				-20	3.8	5965.040	5925 to 6425	Pass			
					3.8	5965.040	5925 to 6425	Pass			
			0	3.8	5965.120	5925 to 6425	Pass				
				10	3.8	5965.040	5925 to 6425	Pass			
					3.8	5965.080	5925 to 6425	Pass			
30	3.8	5965.080	5925 to 6425	Pass							
	40	3.8	5965.040	5925 to 6425	Pass						
		3.8	5965.080	5925 to 6425	Pass						
50	3.8	5965.080	5925 to 6425	Pass							



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

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	802.11ax (HEW80)	MIMO	6165	SU	/	20	3.4	6165.080	5925 to 6425	Pass
							3.8	6165.080	5925 to 6425	Pass
							4.45	6165.040	5925 to 6425	Pass
						-30	3.8	6165.080	5925 to 6425	Pass
						-20	3.8	6165.120	5925 to 6425	Pass
						-10	3.8	6165.040	5925 to 6425	Pass
						0	3.8	6165.080	5925 to 6425	Pass
						10	3.8	6165.040	5925 to 6425	Pass
						30	3.8	6165.120	5925 to 6425	Pass
			40	3.8	6165.080	5925 to 6425	Pass			
			50	3.8	6165.040	5925 to 6425	Pass			
			6405	SU	/	20	3.4	6405.120	5925 to 6425	Pass
							3.8	6405.080	5925 to 6425	Pass
							4.45	6405.000	5925 to 6425	Pass
						-30	3.8	6405.000	5925 to 6425	Pass
						-20	3.8	6405.040	5925 to 6425	Pass
						-10	3.8	6405.080	5925 to 6425	Pass
						0	3.8	6405.080	5925 to 6425	Pass
	10	3.8				6405.080	5925 to 6425	Pass		
	30	3.8				6405.000	5925 to 6425	Pass		
	40	3.8	6405.040	5925 to 6425	Pass					
	50	3.8	6405.040	5925 to 6425	Pass					
	802.11ax (HEW80)	MIMO	5985	SU	/	20	3.4	5985.075	5925 to 6425	Pass
							3.8	5985.075	5925 to 6425	Pass
							4.45	5985.075	5925 to 6425	Pass
						-30	3.8	5985.075	5925 to 6425	Pass
						-20	3.8	5985.150	5925 to 6425	Pass
-10						3.8	5985.075	5925 to 6425	Pass	
0						3.8	5985.075	5925 to 6425	Pass	
10						3.8	5985.075	5925 to 6425	Pass	
30						3.8	5985.075	5925 to 6425	Pass	
40			3.8	5985.000	5925 to 6425	Pass				
50			3.8	5985.075	5925 to 6425	Pass				
6145			SU	/	20	3.4	6145.150	5925 to 6425	Pass	
						3.8	6145.150	5925 to 6425	Pass	
						4.45	6145.075	5925 to 6425	Pass	
					-30	3.8	6145.075	5925 to 6425	Pass	
					-20	3.8	6145.150	5925 to 6425	Pass	
					-10	3.8	6145.075	5925 to 6425	Pass	
					0	3.8	6145.000	5925 to 6425	Pass	
	10	3.8			6145.150	5925 to 6425	Pass			
	30	3.8			6145.150	5925 to 6425	Pass			
40	3.8	6145.075	5925 to 6425	Pass						
50	3.8	6145.150	5925 to 6425	Pass						
6385	SU	/	20	3.4	6385.150	5925 to 6425	Pass			
				3.8	6385.075	5925 to 6425	Pass			
				4.45	6385.075	5925 to 6425	Pass			
			-30	3.8	6385.075	5925 to 6425	Pass			
			-20	3.8	6385.075	5925 to 6425	Pass			
			-10	3.8	6385.075	5925 to 6425	Pass			
			0	3.8	6385.000	5925 to 6425	Pass			
			10	3.8	6385.000	5925 to 6425	Pass			
			30	3.8	6385.075	5925 to 6425	Pass			
40	3.8	6385.150	5925 to 6425	Pass						
50	3.8	6385.150	5925 to 6425	Pass						



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7.1.2 Ant8

Ant8											
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict	
NTNV	802.11ax (HEW20)	MIMO	6435	SU	/	20	3.4	6435.000	6425 to 6525	Pass	
							3.8	6435.020	6425 to 6525	Pass	
							4.45	6434.960	6425 to 6525	Pass	
						-30	3.8	6435.020	6425 to 6525	Pass	
							-20	3.8	6435.040	6425 to 6525	Pass
								3.8	6435.040	6425 to 6525	Pass
						-10	3.8	6435.040	6425 to 6525	Pass	
							3.8	6435.040	6425 to 6525	Pass	
						0	3.8	6435.040	6425 to 6525	Pass	
							3.8	6435.040	6425 to 6525	Pass	
						10	3.8	6435.020	6425 to 6525	Pass	
							3.8	6435.020	6425 to 6525	Pass	
			30	3.8	6435.020	6425 to 6525	Pass				
				3.8	6435.020	6425 to 6525	Pass				
			40	3.8	6435.000	6425 to 6525	Pass				
				3.8	6435.000	6425 to 6525	Pass				
			50	3.8	6435.040	6425 to 6525	Pass				
				3.8	6435.040	6425 to 6525	Pass				
			6475	SU	/	20	3.4	6475.040	6425 to 6525	Pass	
							3.8	6475.020	6425 to 6525	Pass	
							4.45	6475.020	6425 to 6525	Pass	
						-30	3.8	6475.040	6425 to 6525	Pass	
							-20	3.8	6475.000	6425 to 6525	Pass
								3.8	6475.020	6425 to 6525	Pass
	-10	3.8				6475.020	6425 to 6525	Pass			
		3.8				6475.020	6425 to 6525	Pass			
	0	3.8				6475.020	6425 to 6525	Pass			
		3.8				6475.020	6425 to 6525	Pass			
	10	3.8				6475.020	6425 to 6525	Pass			
		3.8				6475.020	6425 to 6525	Pass			
	30	3.8	6475.020	6425 to 6525	Pass						
		3.8	6475.020	6425 to 6525	Pass						
	40	3.8	6475.020	6425 to 6525	Pass						
		3.8	6475.020	6425 to 6525	Pass						
	50	3.8	6475.020	6425 to 6525	Pass						
		3.8	6475.020	6425 to 6525	Pass						
	6515	SU	/	20	3.4	6515.020	6425 to 6525	Pass			
					3.8	6515.040	6425 to 6525	Pass			
					4.45	6515.100	6425 to 6525	Pass			
				-30	3.8	6515.060	6425 to 6525	Pass			
					-20	3.8	6515.020	6425 to 6525	Pass		
						3.8	6515.020	6425 to 6525	Pass		
				-10	3.8	6515.020	6425 to 6525	Pass			
					3.8	6515.020	6425 to 6525	Pass			
				0	3.8	6515.020	6425 to 6525	Pass			
					3.8	6515.020	6425 to 6525	Pass			
				10	3.8	6515.000	6425 to 6525	Pass			
					3.8	6515.000	6425 to 6525	Pass			
30	3.8	6515.000	6425 to 6525	Pass							
	3.8	6515.000	6425 to 6525	Pass							
40	3.8	6515.000	6425 to 6525	Pass							
	3.8	6515.000	6425 to 6525	Pass							
50	3.8	6515.040	6425 to 6525	Pass							
	3.8	6515.040	6425 to 6525	Pass							
802.11ax (HEW40)	MIMO	6445	SU	/	20	3.4	6445.120	6425 to 6525	Pass		
						3.8	6445.080	6425 to 6525	Pass		
						4.45	6445.040	6425 to 6525	Pass		
					-30	3.8	6445.040	6425 to 6525	Pass		
						-20	3.8	6445.080	6425 to 6525	Pass	
							3.8	6445.080	6425 to 6525	Pass	
					-10	3.8	6445.080	6425 to 6525	Pass		
						3.8	6445.080	6425 to 6525	Pass		
					0	3.8	6445.040	6425 to 6525	Pass		
						3.8	6445.080	6425 to 6525	Pass		
					10	3.8	6445.080	6425 to 6525	Pass		
						3.8	6445.080	6425 to 6525	Pass		
	30	3.8	6445.000	6425 to 6525	Pass						
		3.8	6445.040	6425 to 6525	Pass						
	40	3.8	6445.040	6425 to 6525	Pass						
		3.8	6445.040	6425 to 6525	Pass						
	50	3.8	6445.040	6425 to 6525	Pass						
		3.8	6445.040	6425 to 6525	Pass						
	6485	SU	/	20	3.4	6485.080	6425 to 6525	Pass			
					3.8	6485.000	6425 to 6525	Pass			
					4.45	6485.040	6425 to 6525	Pass			



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			6465	SU	/	-30	3.8	6485.040	6425 to 6525	Pass						
						-20	3.8	6485.080	6425 to 6525	Pass						
						-10	3.8	6485.040	6425 to 6525	Pass						
						0	3.8	6485.040	6425 to 6525	Pass						
						10	3.8	6485.080	6425 to 6525	Pass						
						30	3.8	6485.040	6425 to 6525	Pass						
						40	3.8	6485.080	6425 to 6525	Pass						
						50	3.8	6485.080	6425 to 6525	Pass						
						802.11ax (HEW80)	MIMO	6465	SU	/	20	3.4	6465.075	6425 to 6525	Pass	
	3.8	6465.075	6425 to 6525	Pass												
	4.45	6465.075	6425 to 6525	Pass												
												-30	3.8	6465.075	6425 to 6525	Pass
												-20	3.8	6465.000	6425 to 6525	Pass
												-10	3.8	6465.000	6425 to 6525	Pass
												0	3.8	6465.150	6425 to 6525	Pass
												10	3.8	6465.075	6425 to 6525	Pass
												30	3.8	6465.075	6425 to 6525	Pass
												40	3.8	6465.000	6425 to 6525	Pass
	50	3.8	6465.075	6425 to 6525	Pass											

7.1.3 Ant8

Ant8																
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict						
NTNV	802.11ax (HEW20)	MIMO	6535	SU	/	20	3.4	6535.000	6525 to 6875	Pass						
							3.8	6535.020	6525 to 6875	Pass						
							4.45	6535.000	6525 to 6875	Pass						
												-30	3.8	6535.020	6525 to 6875	Pass
												-20	3.8	6535.000	6525 to 6875	Pass
												-10	3.8	6535.020	6525 to 6875	Pass
												0	3.8	6535.020	6525 to 6875	Pass
												10	3.8	6535.000	6525 to 6875	Pass
												30	3.8	6535.100	6525 to 6875	Pass
			40	3.8	6535.000							6525 to 6875	Pass			
			50	3.8	6535.000	6525 to 6875	Pass									
			6695	SU	/	20	3.4	6695.040	6525 to 6875	Pass						
							3.8	6695.040	6525 to 6875	Pass						
							4.45	6695.040	6525 to 6875	Pass						
												-30	3.8	6695.000	6525 to 6875	Pass
												-20	3.8	6695.000	6525 to 6875	Pass
												-10	3.8	6695.020	6525 to 6875	Pass
												0	3.8	6695.040	6525 to 6875	Pass
												10	3.8	6695.020	6525 to 6875	Pass
												30	3.8	6695.020	6525 to 6875	Pass
			40	3.8	6695.000							6525 to 6875	Pass			
			50	3.8	6695.040	6525 to 6875	Pass									
			6855	SU	/	20	3.4	6855.060	6525 to 6875	Pass						
							3.8	6855.020	6525 to 6875	Pass						
							4.45	6855.020	6525 to 6875	Pass						
												-30	3.8	6855.060	6525 to 6875	Pass
												-20	3.8	6855.040	6525 to 6875	Pass
						-10	3.8	6855.060	6525 to 6875	Pass						



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					0	3.8	6855.020	6525 to 6875	Pass					
					10	3.8	6855.000	6525 to 6875	Pass					
					30	3.8	6855.020	6525 to 6875	Pass					
					40	3.8	6855.000	6525 to 6875	Pass					
					50	3.8	6855.000	6525 to 6875	Pass					
					802.11ax (HEW40)	MIMO	6565	SU	/	20	3.4	6565.040	6525 to 6875	Pass
											3.8	6565.040	6525 to 6875	Pass
											4.45	6565.120	6525 to 6875	Pass
										-30	3.8	6565.080	6525 to 6875	Pass
										-20	3.8	6565.040	6525 to 6875	Pass
										-10	3.8	6565.040	6525 to 6875	Pass
										0	3.8	6565.000	6525 to 6875	Pass
										10	3.8	6565.080	6525 to 6875	Pass
										30	3.8	6565.000	6525 to 6875	Pass
										40	3.8	6565.040	6525 to 6875	Pass
50	3.8	6565.040	6525 to 6875	Pass										
802.11ax (HEW40)	MIMO	6685	SU	/						20	3.4	6685.040	6525 to 6875	Pass
					3.8	6685.040	6525 to 6875	Pass						
					4.45	6685.040	6525 to 6875	Pass						
					-30	3.8	6685.080	6525 to 6875	Pass					
					-20	3.8	6685.080	6525 to 6875	Pass					
					-10	3.8	6685.120	6525 to 6875	Pass					
					0	3.8	6685.040	6525 to 6875	Pass					
					10	3.8	6685.080	6525 to 6875	Pass					
					30	3.8	6685.040	6525 to 6875	Pass					
					40	3.8	6685.000	6525 to 6875	Pass					
					50	3.8	6685.120	6525 to 6875	Pass					
					802.11ax (HEW40)	MIMO	6845	SU	/	20	3.4	6845.080	6525 to 6875	Pass
3.8	6845.080	6525 to 6875	Pass											
4.45	6845.080	6525 to 6875	Pass											
-30	3.8	6845.120	6525 to 6875	Pass										
-20	3.8	6845.040	6525 to 6875	Pass										
-10	3.8	6845.080	6525 to 6875	Pass										
0	3.8	6845.080	6525 to 6875	Pass										
10	3.8	6845.040	6525 to 6875	Pass										
30	3.8	6845.080	6525 to 6875	Pass										
40	3.8	6845.040	6525 to 6875	Pass										
50	3.8	6845.040	6525 to 6875	Pass										
802.11ax (HEW80)	MIMO	6625	SU	/						20	3.4	6625.000	6525 to 6875	Pass
					3.8	6625.000	6525 to 6875	Pass						
					4.45	6625.000	6525 to 6875	Pass						
					-30	3.8	6625.150	6525 to 6875	Pass					
					-20	3.8	6625.150	6525 to 6875	Pass					
					-10	3.8	6625.075	6525 to 6875	Pass					
					0	3.8	6625.075	6525 to 6875	Pass					
					10	3.8	6625.000	6525 to 6875	Pass					
					30	3.8	6625.075	6525 to 6875	Pass					
					40	3.8	6625.000	6525 to 6875	Pass					
					50	3.8	6625.150	6525 to 6875	Pass					
					6705	SU	/	20	3.4	6705.075	6525 to 6875	Pass		
		3.8	6705.075	6525 to 6875					Pass					
		4.45	6705.075	6525 to 6875					Pass					
		-30	3.8	6705.075	6525 to 6875	Pass								
-20	3.8	6705.075	6525 to 6875	Pass										
-10	3.8	6705.000	6525 to 6875	Pass										
0	3.8	6705.075	6525 to 6875	Pass										



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			6785	SU	/	10	3.8	6705.075	6525 to 6875	Pass
						30	3.8	6705.075	6525 to 6875	Pass
						40	3.8	6705.075	6525 to 6875	Pass
						50	3.8	6705.150	6525 to 6875	Pass
						20	3.4	6785.075	6525 to 6875	Pass
							3.8	6785.075	6525 to 6875	Pass
							4.45	6785.075	6525 to 6875	Pass
						-30	3.8	6785.075	6525 to 6875	Pass
						-20	3.8	6785.075	6525 to 6875	Pass
						-10	3.8	6785.000	6525 to 6875	Pass
						0	3.8	6785.075	6525 to 6875	Pass
						10	3.8	6785.000	6525 to 6875	Pass
						30	3.8	6785.150	6525 to 6875	Pass
						40	3.8	6785.150	6525 to 6875	Pass
						50	3.8	6785.075	6525 to 6875	Pass

7.1.4 Ant8

Ant8										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11ax (HEW20)	MIMO	6895	SU	/	20	3.4	6895.020	6875 to 7125	Pass
							3.8	6895.000	6875 to 7125	Pass
							4.45	6894.920	6875 to 7125	Pass
						-30	3.8	6895.040	6875 to 7125	Pass
						-20	3.8	6895.020	6875 to 7125	Pass
						-10	3.8	6895.040	6875 to 7125	Pass
						0	3.8	6894.980	6875 to 7125	Pass
						10	3.8	6895.100	6875 to 7125	Pass
						30	3.8	6895.020	6875 to 7125	Pass
						40	3.8	6895.060	6875 to 7125	Pass
						50	3.8	6895.000	6875 to 7125	Pass
						6995	SU	/	20	3.4
			3.8	6995.000	6875 to 7125					Pass
			4.45	6995.040	6875 to 7125					Pass
			-30	3.8	6995.020				6875 to 7125	Pass
			-20	3.8	6995.040				6875 to 7125	Pass
			-10	3.8	6995.000				6875 to 7125	Pass
			0	3.8	6995.020				6875 to 7125	Pass
			10	3.8	6995.040				6875 to 7125	Pass
			30	3.8	6995.000				6875 to 7125	Pass
			40	3.8	6995.020				6875 to 7125	Pass
			50	3.8	6994.980				6875 to 7125	Pass
			7115	SU	/				20	3.4
						3.8	7115.000	6875 to 7125		Pass
4.45	7114.940	6875 to 7125				Pass				
-30	3.8	7115.020				6875 to 7125	Pass			
-20	3.8	7115.020				6875 to 7125	Pass			
-10	3.8	7115.000				6875 to 7125	Pass			
0	3.8	7115.000				6875 to 7125	Pass			
10	3.8	7115.040				6875 to 7125	Pass			
30	3.8	7115.020				6875 to 7125	Pass			
40	3.8	7115.020				6875 to 7125	Pass			



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802.11ax (HEW40)	MIMO	6925	SU	/	50	3.8	7115.020	6875 to 7125	Pass			
					20	3.4	6925.040	6875 to 7125	Pass			
						3.8	6925.040	6875 to 7125	Pass			
						4.45	6925.040	6875 to 7125	Pass			
					-30	3.8	6925.080	6875 to 7125	Pass			
					-20	3.8	6925.080	6875 to 7125	Pass			
					-10	3.8	6925.040	6875 to 7125	Pass			
					0	3.8	6925.120	6875 to 7125	Pass			
					10	3.8	6925.040	6875 to 7125	Pass			
					30	3.8	6925.080	6875 to 7125	Pass			
					40	3.8	6925.040	6875 to 7125	Pass			
					50	3.8	6925.040	6875 to 7125	Pass			
					7005	SU	/	20	3.4	7005.080	6875 to 7125	Pass
									3.8	7005.040	6875 to 7125	Pass
									4.45	7005.080	6875 to 7125	Pass
	-30	3.8	7005.120	6875 to 7125				Pass				
	-20	3.8	7005.040	6875 to 7125				Pass				
	-10	3.8	7005.040	6875 to 7125				Pass				
	0	3.8	7005.080	6875 to 7125				Pass				
	10	3.8	7005.120	6875 to 7125				Pass				
	30	3.8	7005.080	6875 to 7125				Pass				
	40	3.8	7005.040	6875 to 7125				Pass				
	50	3.8	7005.040	6875 to 7125				Pass				
	7085	SU	/	20				3.4	7085.040	6875 to 7125	Pass	
								3.8	7085.040	6875 to 7125	Pass	
								4.45	7085.000	6875 to 7125	Pass	
				-30				3.8	7085.080	6875 to 7125	Pass	
				-20	3.8	7085.080	6875 to 7125	Pass				
				-10	3.8	7085.120	6875 to 7125	Pass				
				0	3.8	7085.080	6875 to 7125	Pass				
				10	3.8	7085.080	6875 to 7125	Pass				
				30	3.8	7085.080	6875 to 7125	Pass				
				40	3.8	7085.040	6875 to 7125	Pass				
50				3.8	7085.040	6875 to 7125	Pass					
802.11ax (HEW80)				MIMO	6945	SU	/	20	3.4	6945.075	6875 to 7125	Pass
									3.8	6945.075	6875 to 7125	Pass
									4.45	6945.000	6875 to 7125	Pass
								-30	3.8	6945.000	6875 to 7125	Pass
	-20	3.8	6945.150					6875 to 7125	Pass			
	-10	3.8	6945.000					6875 to 7125	Pass			
	0	3.8	6945.075					6875 to 7125	Pass			
	10	3.8	6945.000					6875 to 7125	Pass			
	30	3.8	6945.075					6875 to 7125	Pass			
	40	3.8	6945.075					6875 to 7125	Pass			
	50	3.8	6945.150					6875 to 7125	Pass			
	7025	SU	/					20	3.4	7025.075	6875 to 7125	Pass
									3.8	7025.075	6875 to 7125	Pass
									4.45	7025.075	6875 to 7125	Pass
								-30	3.8	7025.000	6875 to 7125	Pass
-20				3.8	7025.000	6875 to 7125	Pass					
-10				3.8	7025.000	6875 to 7125	Pass					
0				3.8	7025.075	6875 to 7125	Pass					
10				3.8	7025.150	6875 to 7125	Pass					
30				3.8	7025.075	6875 to 7125	Pass					
40				3.8	7025.075	6875 to 7125	Pass					
50				3.8	7025.000	6875 to 7125	Pass					



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7.1.5 Ant8

Ant8											
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict	
NTNV	802.11ax (HEW20)	MIMO	6875	SU	/	20	3.4	6875.040	6525 to 7125	Pass	
							3.8	6875.020	6525 to 7125	Pass	
							4.45	6875.040	6525 to 7125	Pass	
						-30	3.8	6875.020	6525 to 7125	Pass	
							-20	3.8	6874.980	6525 to 7125	Pass
								3.8	6875.020	6525 to 7125	Pass
						0	3.8	6875.000	6525 to 7125	Pass	
						10	3.8	6875.040	6525 to 7125	Pass	
						30	3.8	6875.020	6525 to 7125	Pass	
						40	3.8	6875.040	6525 to 7125	Pass	
	50	3.8	6875.040	6525 to 7125	Pass						
	802.11ax (HEW40)	MIMO	6885	SU	/	20	3.4	6885.080	6525 to 7125	Pass	
							3.8	6885.080	6525 to 7125	Pass	
							4.45	6885.080	6525 to 7125	Pass	
						-30	3.8	6885.080	6525 to 7125	Pass	
							-20	3.8	6885.080	6525 to 7125	Pass
								3.8	6885.040	6525 to 7125	Pass
						0	3.8	6885.040	6525 to 7125	Pass	
						10	3.8	6885.040	6525 to 7125	Pass	
						30	3.8	6885.080	6525 to 7125	Pass	
						40	3.8	6885.080	6525 to 7125	Pass	
	50	3.8	6885.080	6525 to 7125	Pass						
	802.11ax (HEW80)	MIMO	6865	SU	/	20	3.4	6865.150	6525 to 7125	Pass	
							3.8	6865.150	6525 to 7125	Pass	
							4.45	6865.075	6525 to 7125	Pass	
						-30	3.8	6865.150	6525 to 7125	Pass	
							-20	3.8	6865.000	6525 to 7125	Pass
								3.8	6865.150	6525 to 7125	Pass
						0	3.8	6865.150	6525 to 7125	Pass	
						10	3.8	6865.075	6525 to 7125	Pass	
30						3.8	6865.075	6525 to 7125	Pass		
40						3.8	6865.075	6525 to 7125	Pass		
50	3.8	6865.150	6525 to 7125	Pass							

7.1.6 Ant8

Ant8										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11ax (HEW40)	MIMO	6525	SU	/	20	3.4	6525.080	6425 to 6875	Pass
							3.8	6525.080	6425 to 6875	Pass
							4.45	6525.040	6425 to 6875	Pass
						-30	3.8	6525.040	6425 to 6875	Pass
						-20	3.8	6525.080	6425 to 6875	Pass



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802.11ax (HEW80)	MIMO	6545	SU	/	-10	3.8	6525.120	6425 to 6875	Pass
					0	3.8	6525.080	6425 to 6875	Pass
					10	3.8	6525.040	6425 to 6875	Pass
					30	3.8	6525.080	6425 to 6875	Pass
					40	3.8	6525.000	6425 to 6875	Pass
					50	3.8	6525.000	6425 to 6875	Pass
					20	3.4	6545.000	6425 to 6875	Pass
						3.8	6545.075	6425 to 6875	Pass
						4.45	6545.150	6425 to 6875	Pass
					-30	3.8	6545.075	6425 to 6875	Pass
					-20	3.8	6545.000	6425 to 6875	Pass
					-10	3.8	6545.000	6425 to 6875	Pass
					0	3.8	6545.150	6425 to 6875	Pass
					10	3.8	6545.075	6425 to 6875	Pass
					30	3.8	6545.075	6425 to 6875	Pass
					40	3.8	6545.075	6425 to 6875	Pass
					50	3.8	6545.075	6425 to 6875	Pass

- End of the Report -



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