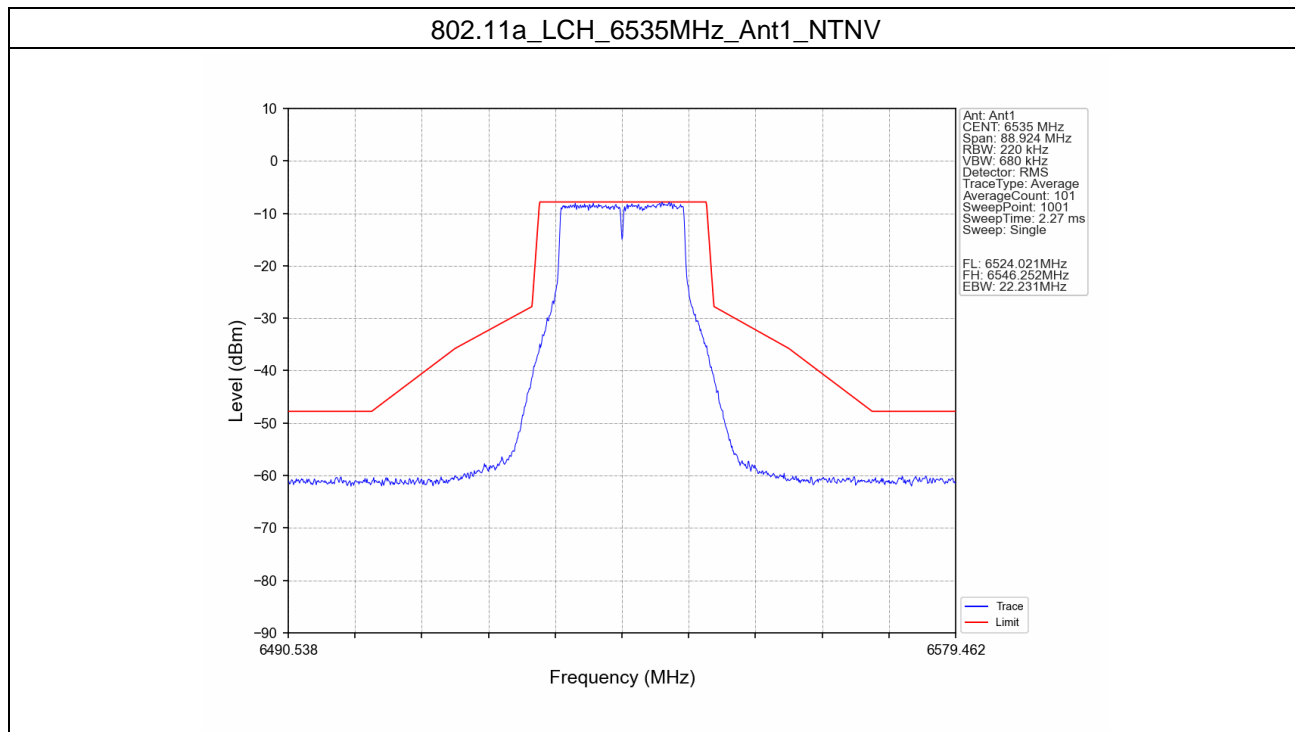
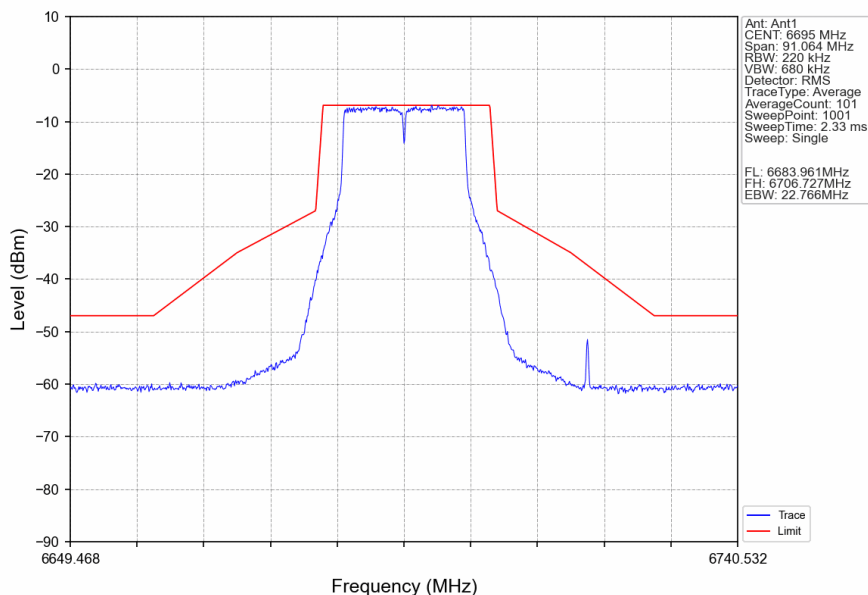


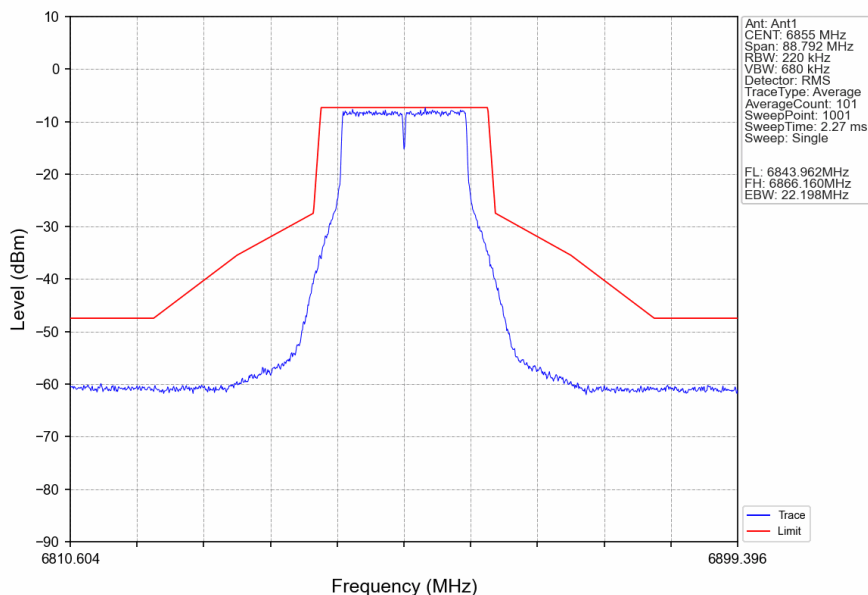
6.2.3 EMask



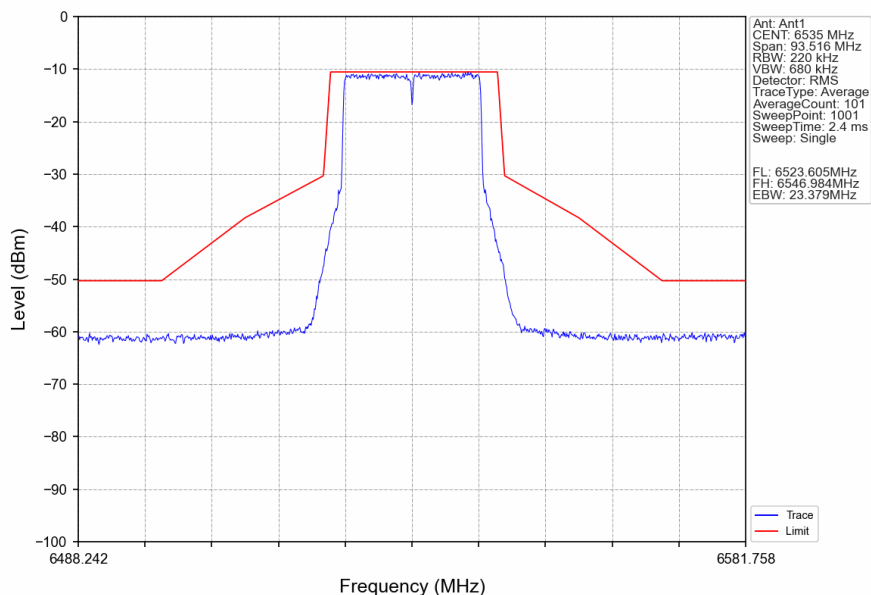
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802.11a_HCH_6855MHz_Ant1_NTNV



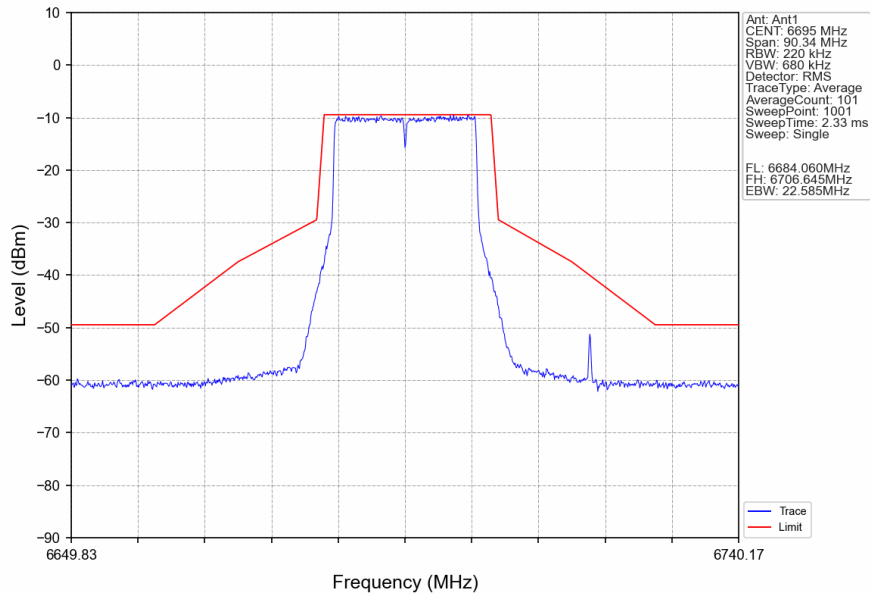
802.11ax(HEW20)_LCH_6535MHz_RU242_Left_Ant1_NTNV



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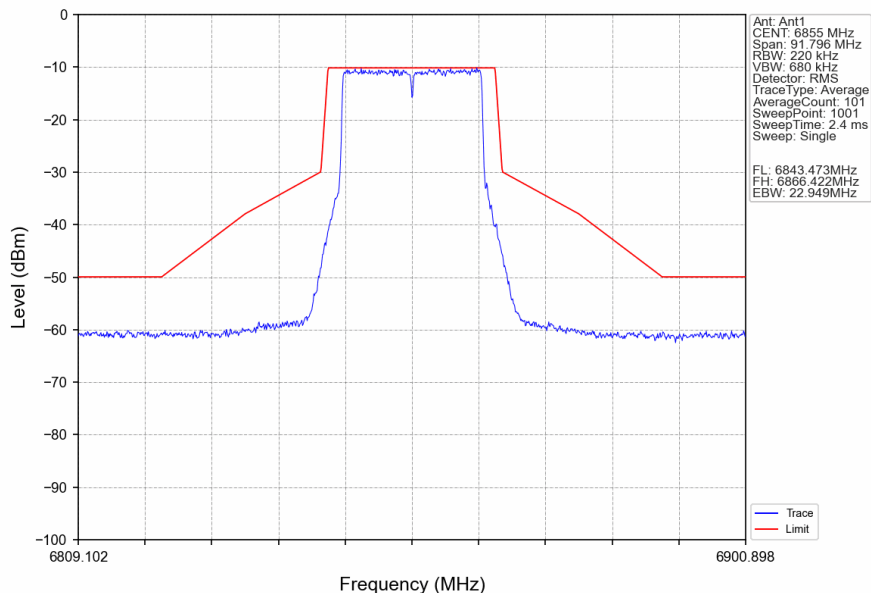
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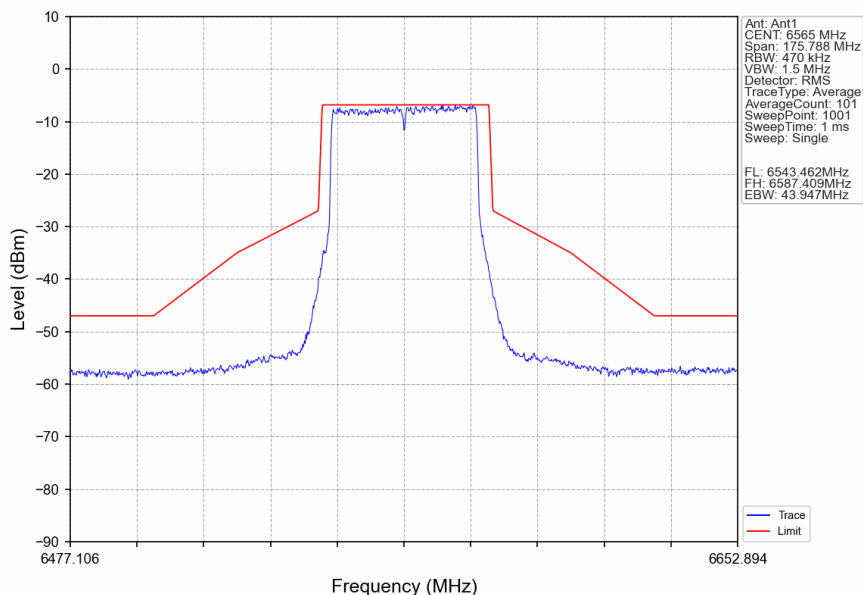
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802.11ax(HEW20)_HCH_6855MHz_RU242_Left_Ant1_NTNV



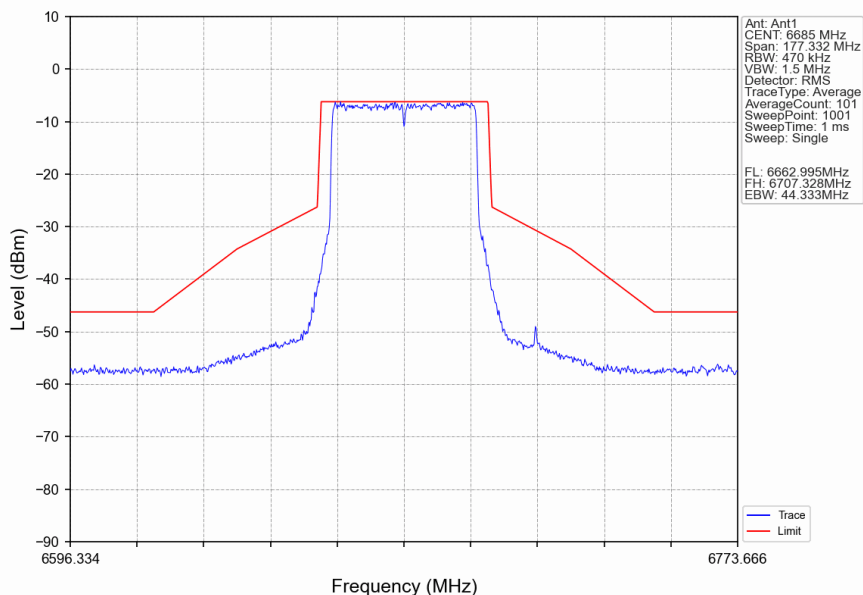
802.11ax(HEW40)_LCH_6565MHz_RU484_Left_Ant1_NTNV



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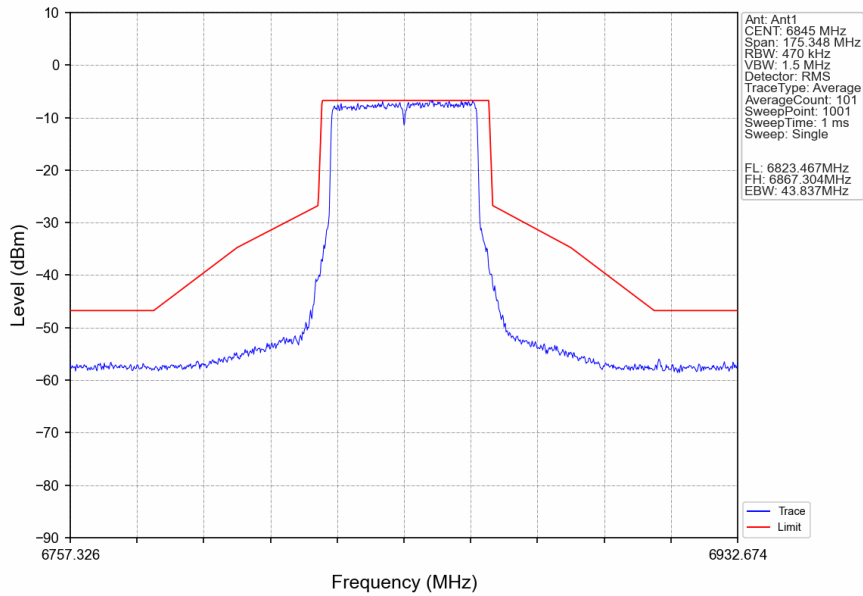
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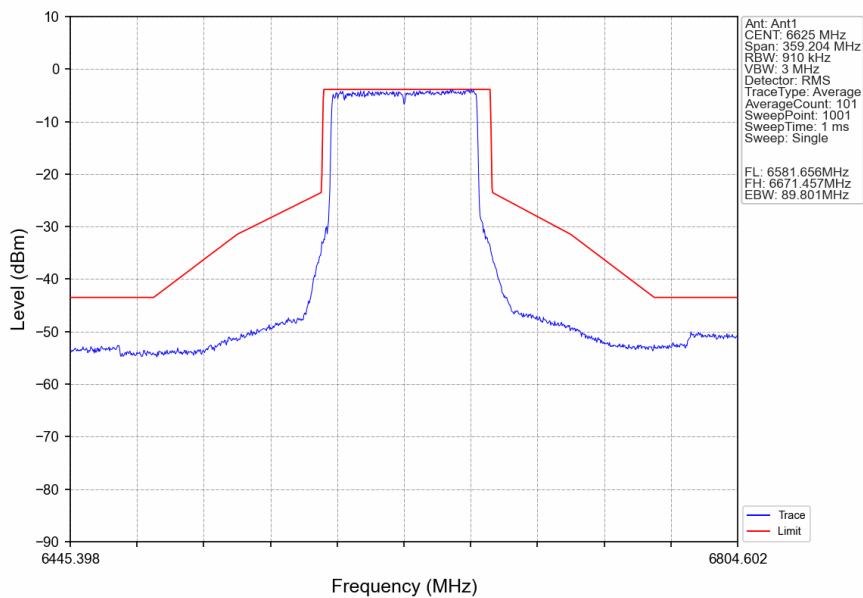
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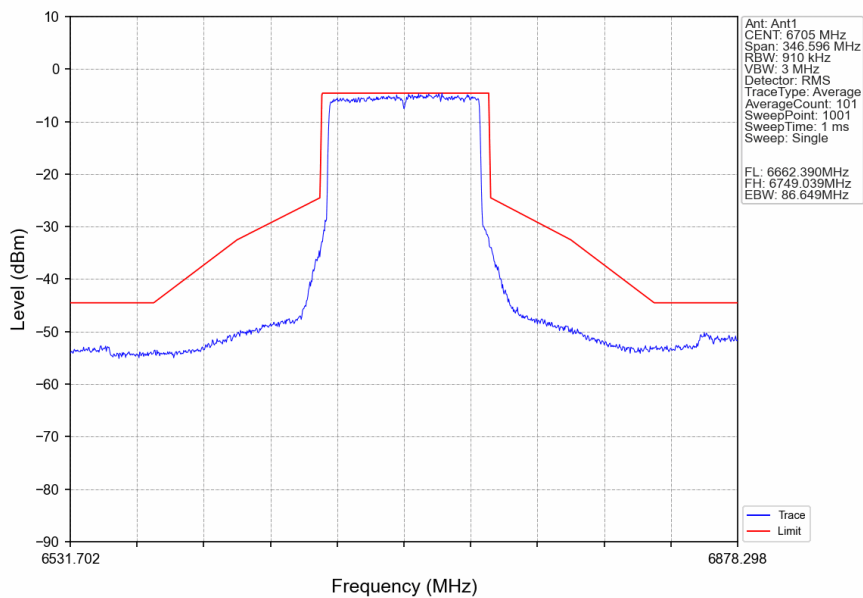
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802.11ax(HEW80)_LCH_6625MHz_RU996_Left_Ant1_NTNV



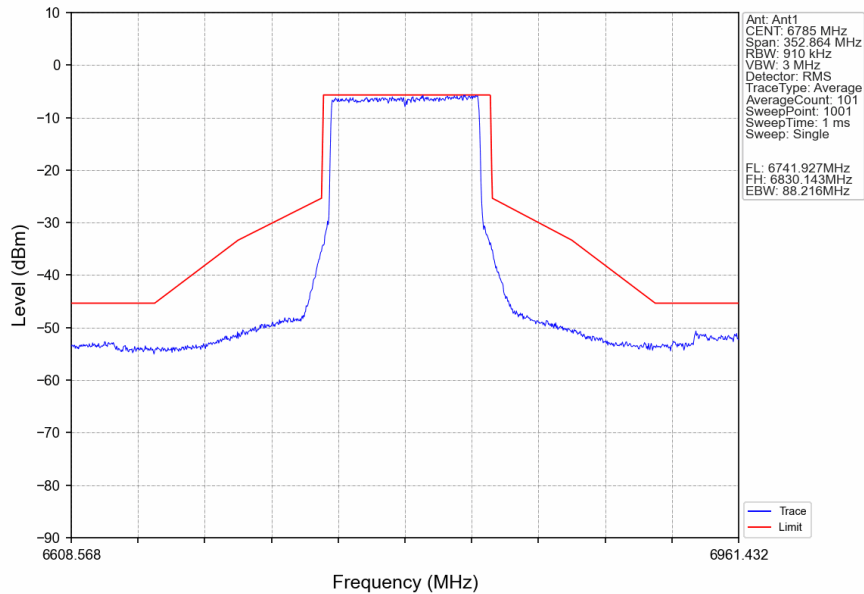
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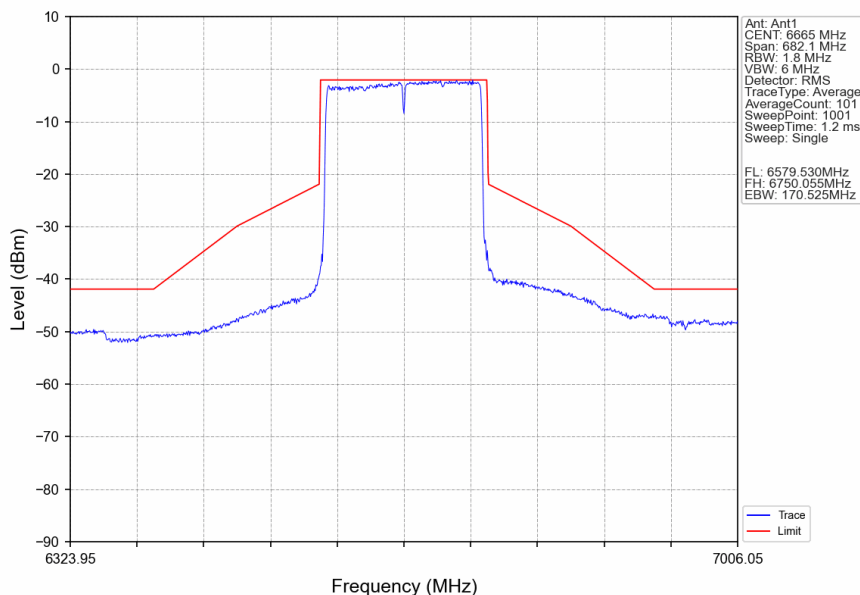
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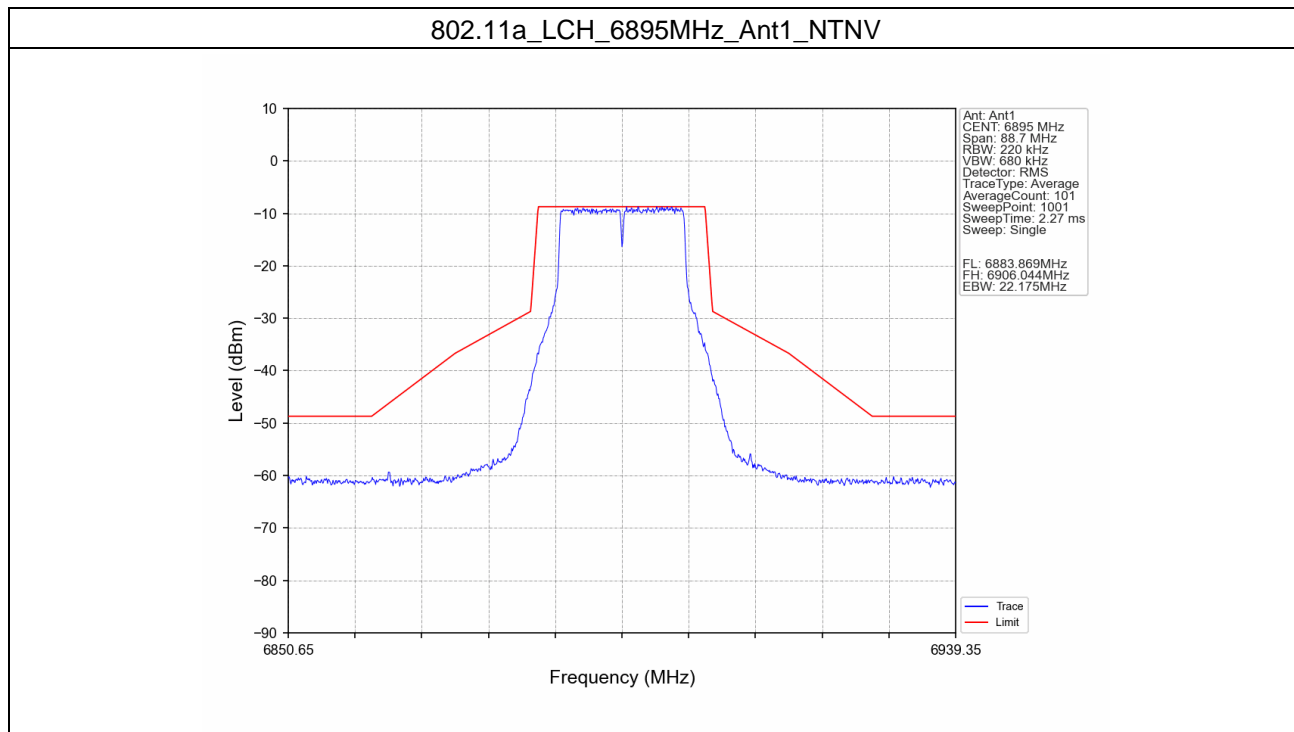
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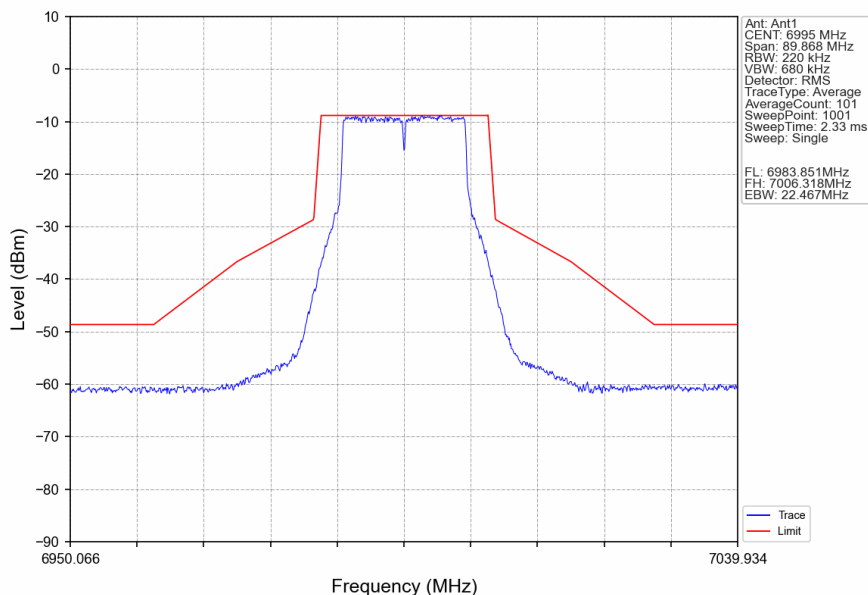
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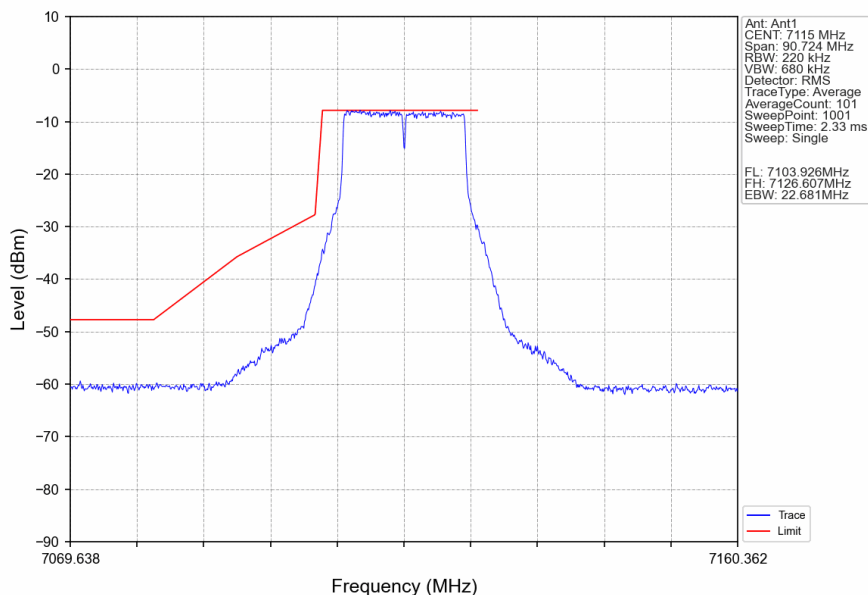
6.2.4 EMask



802.11a_MCH_6995MHz_Ant1_NTNV



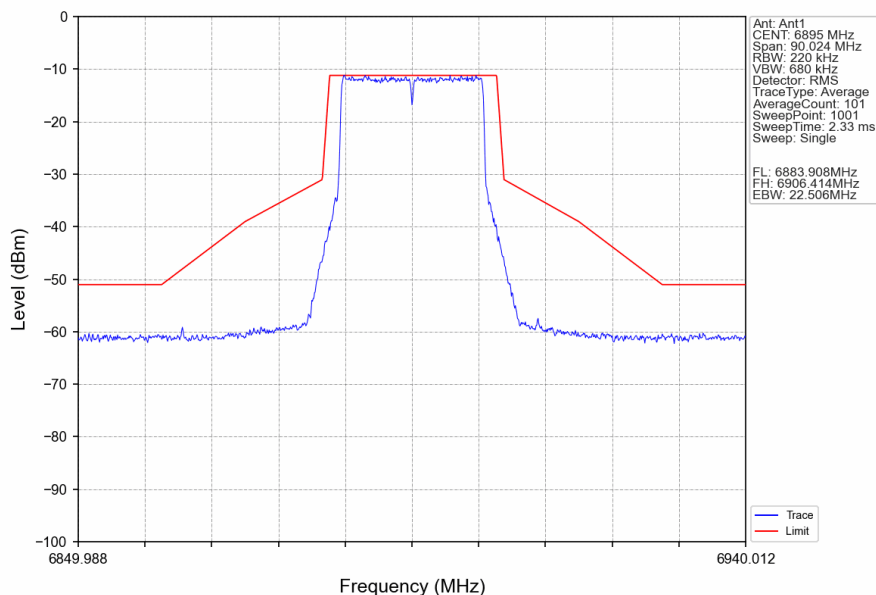
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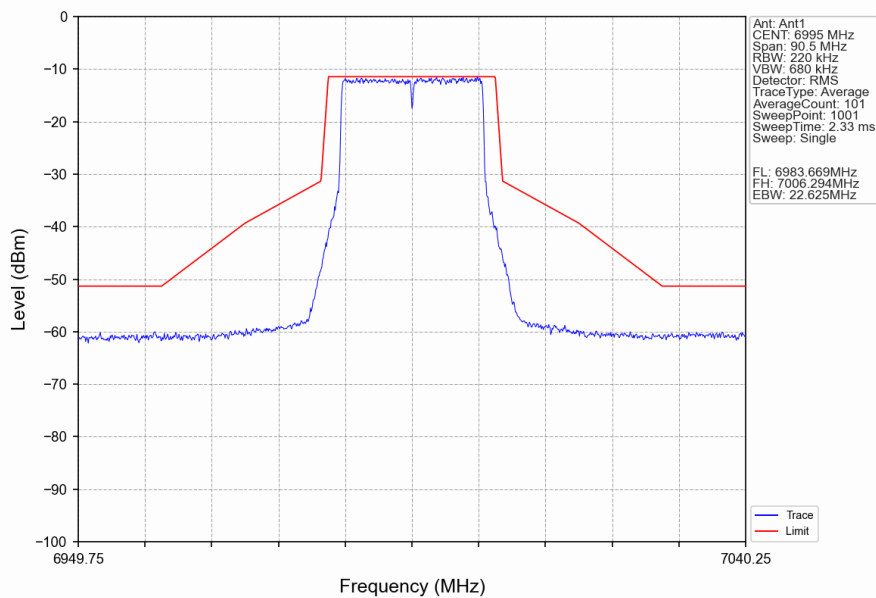
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802.11ax(HEW20)_LCH_6895MHz_RU242_Left_Ant1_NTNV



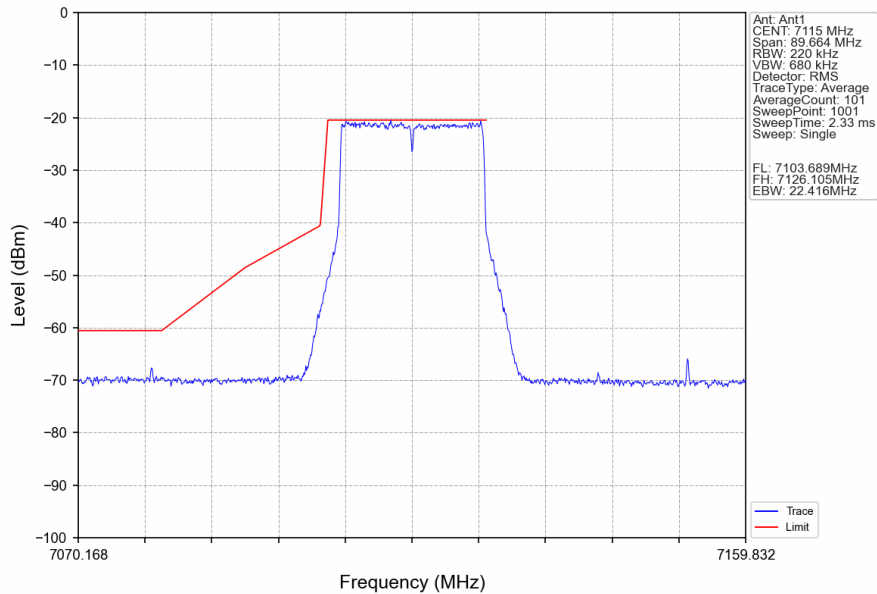
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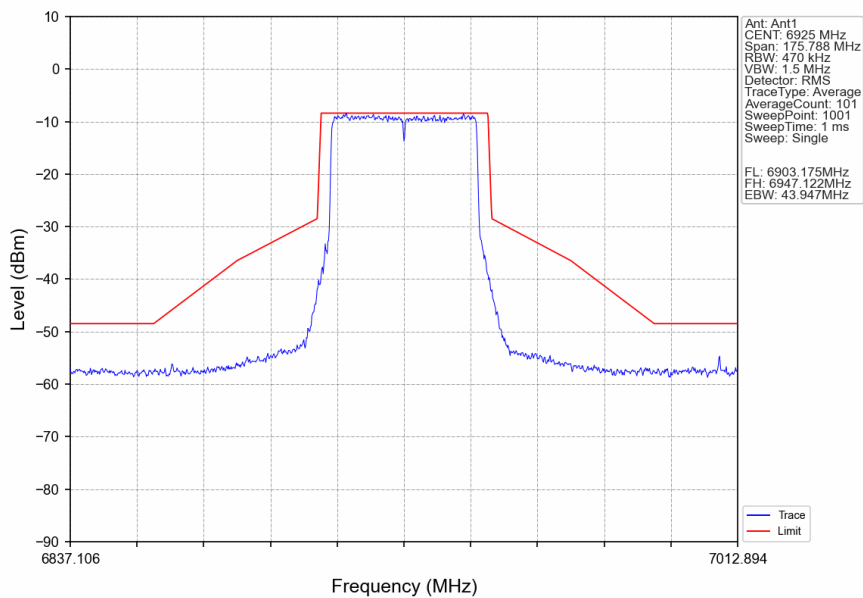
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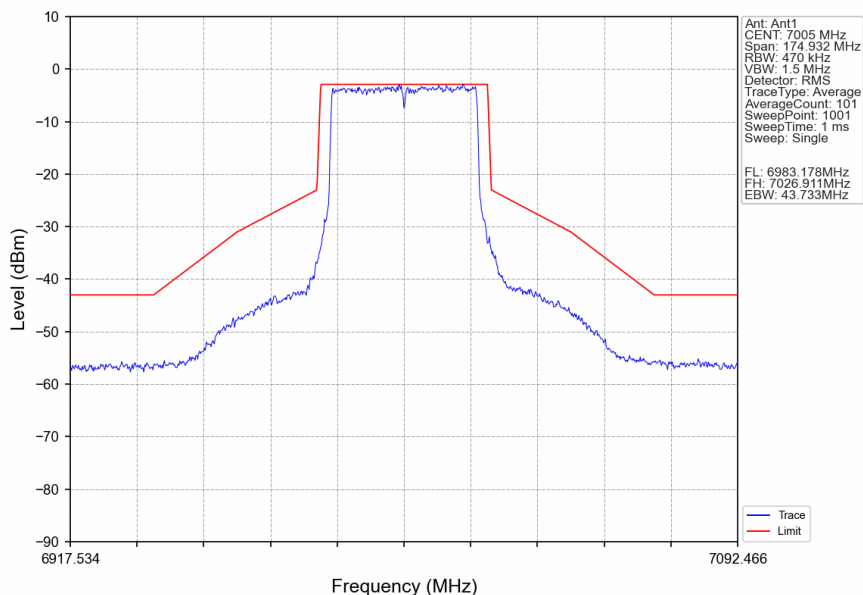
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802.11ax(HEW40)_LCH_6925MHz_RU484_Left_Ant1_NTNV



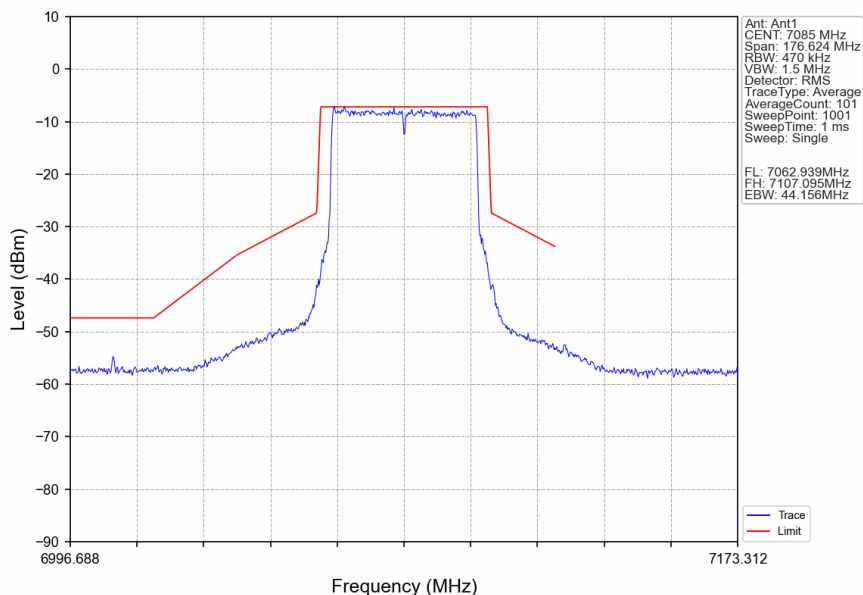
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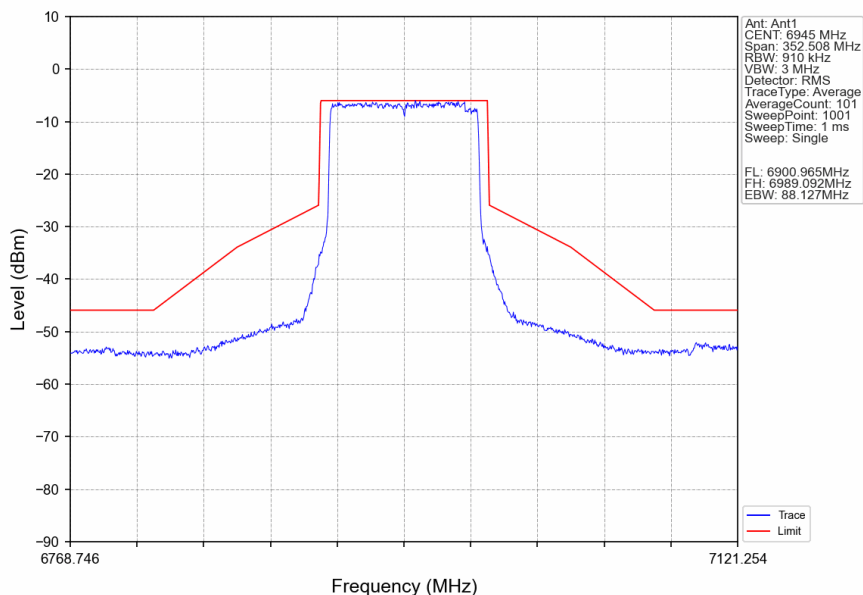
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802.11ax(HEW40)_HCH_7085MHz_RU484_Left_Ant1_NTNV



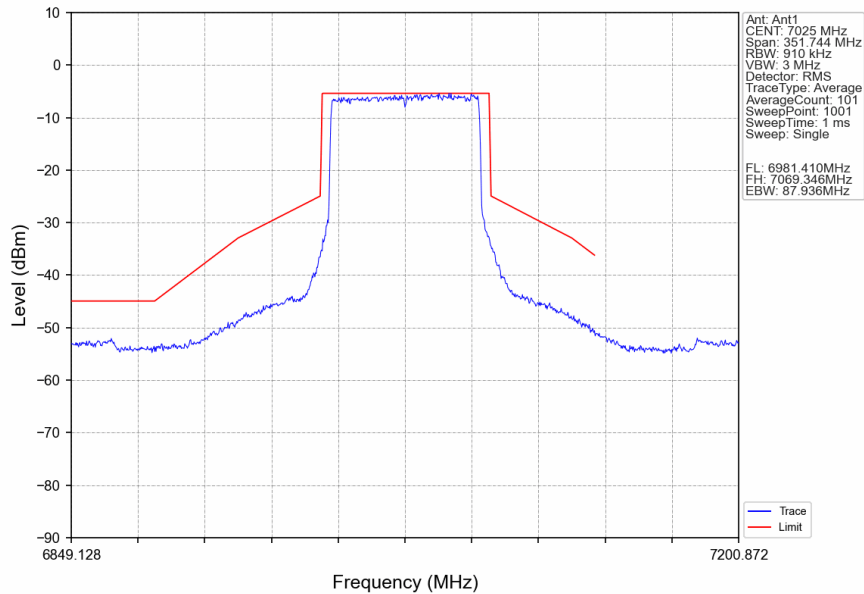
802.11ax(HEW80)_LCH_6945MHz_RU996_Left_Ant1_NTNV



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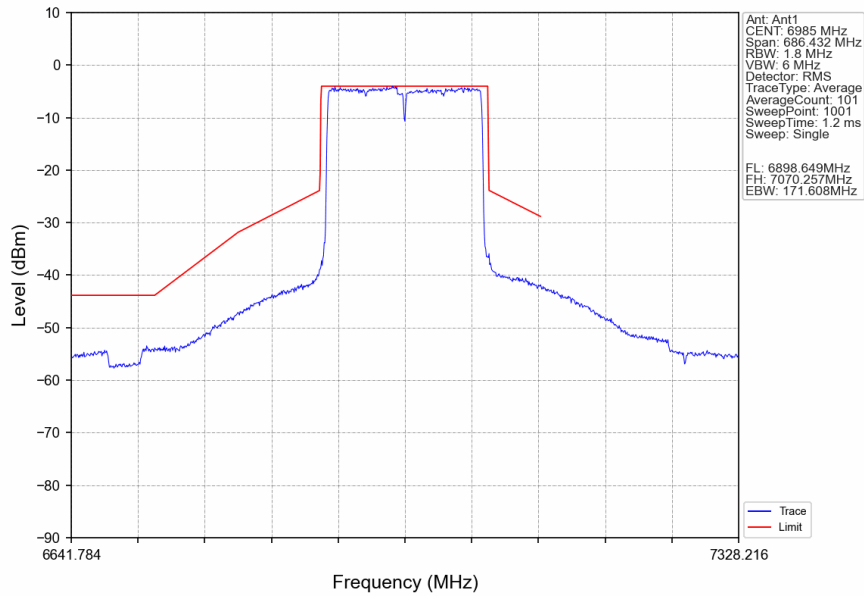
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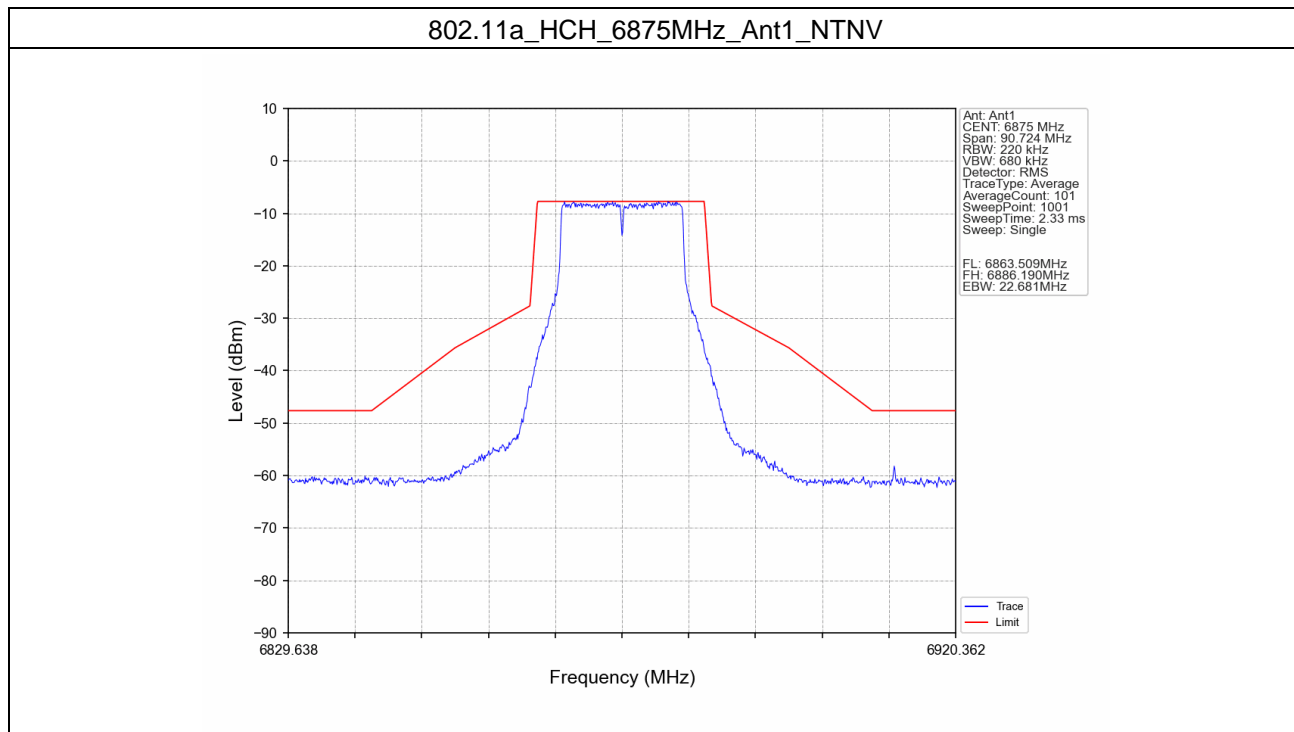
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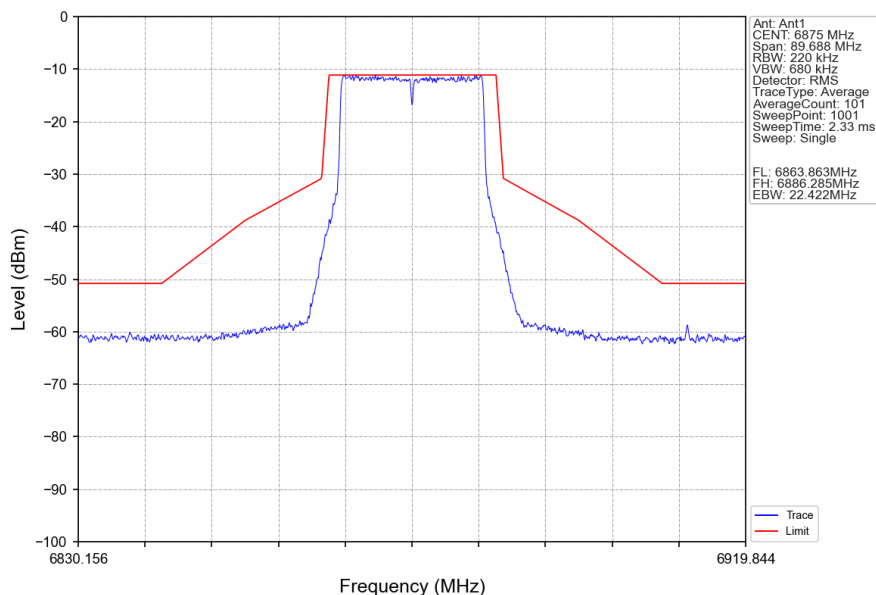
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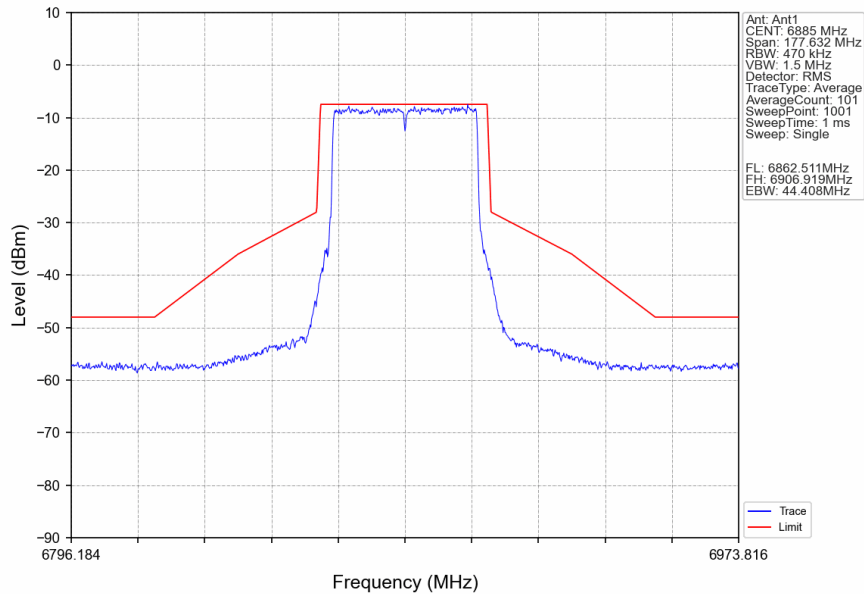
6.2.5 EMask



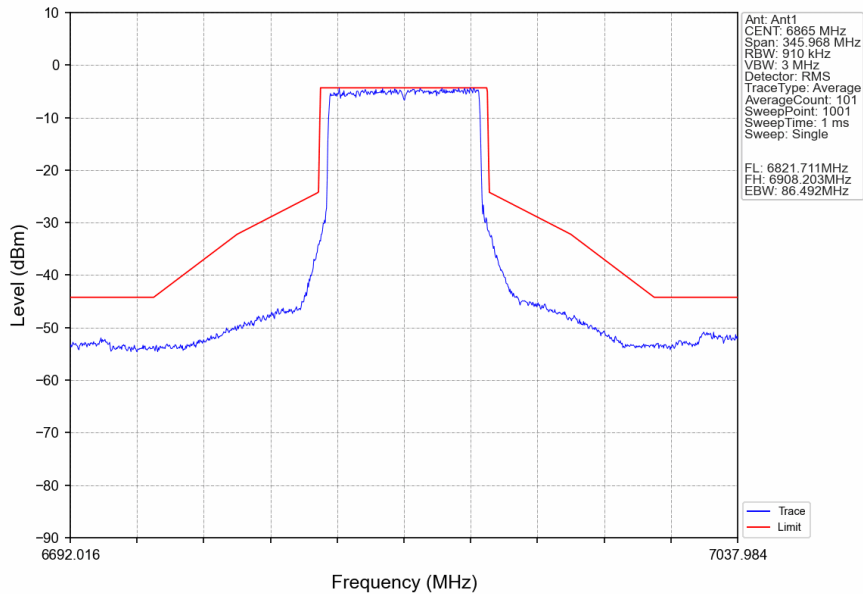
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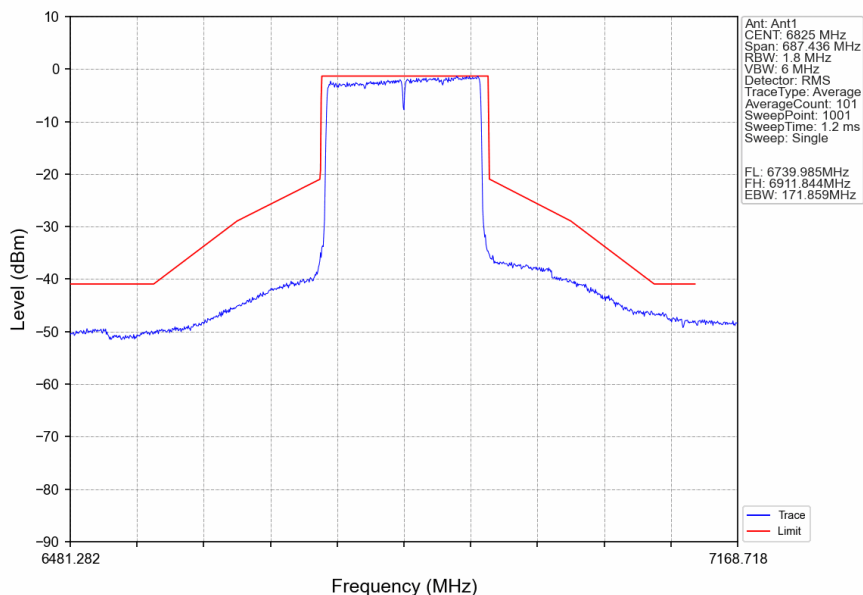
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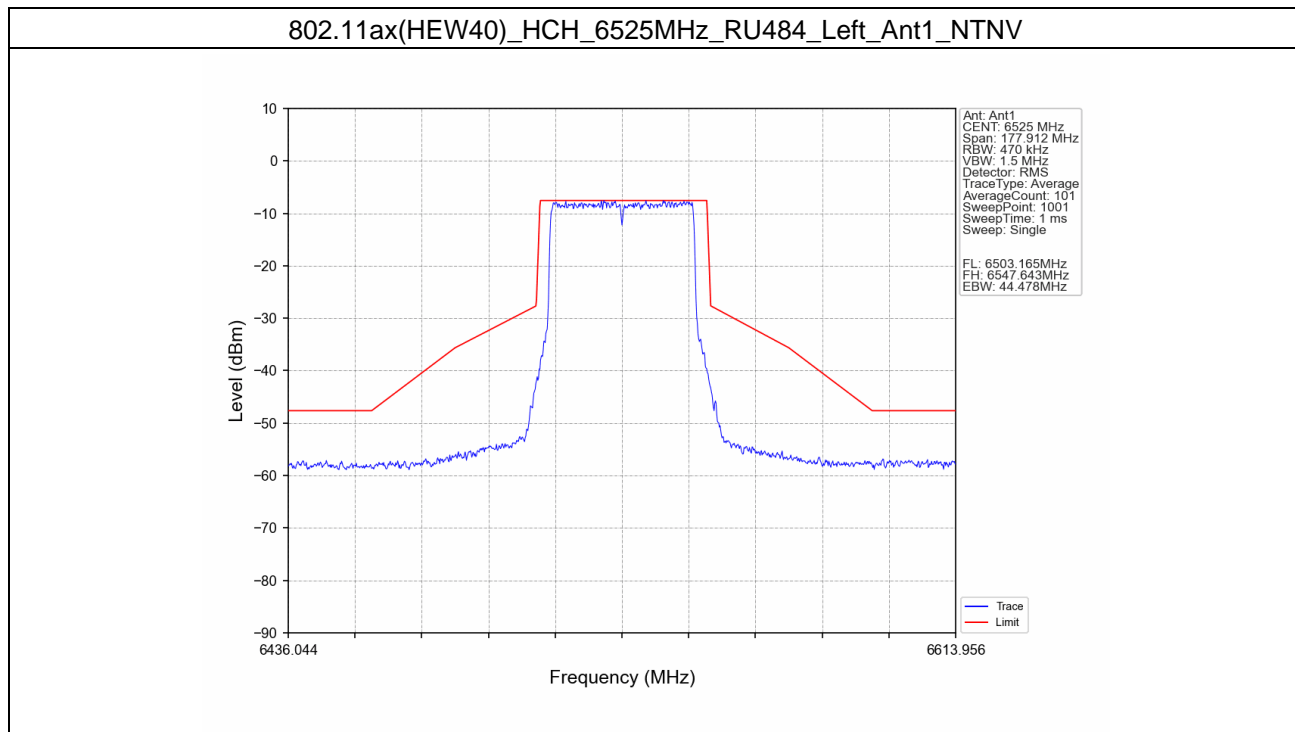
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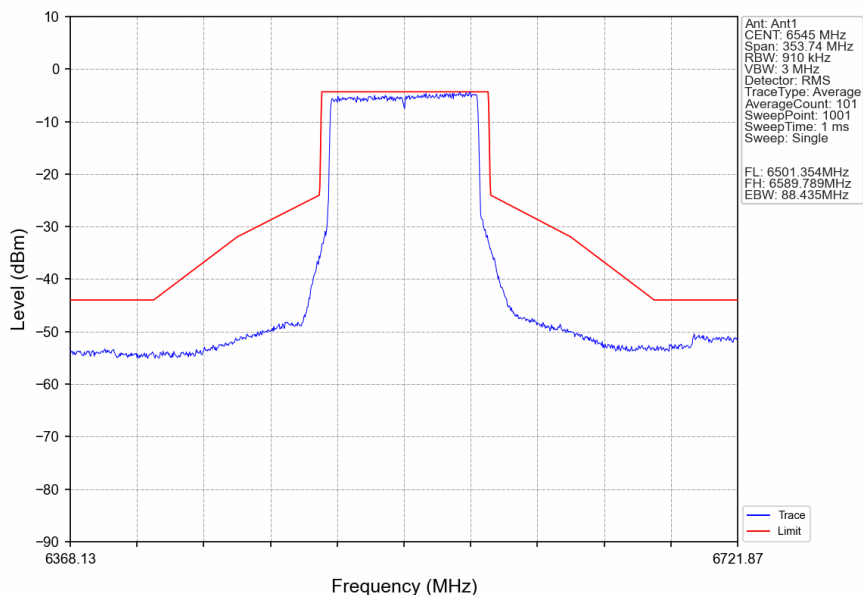
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6.2.6 EMask



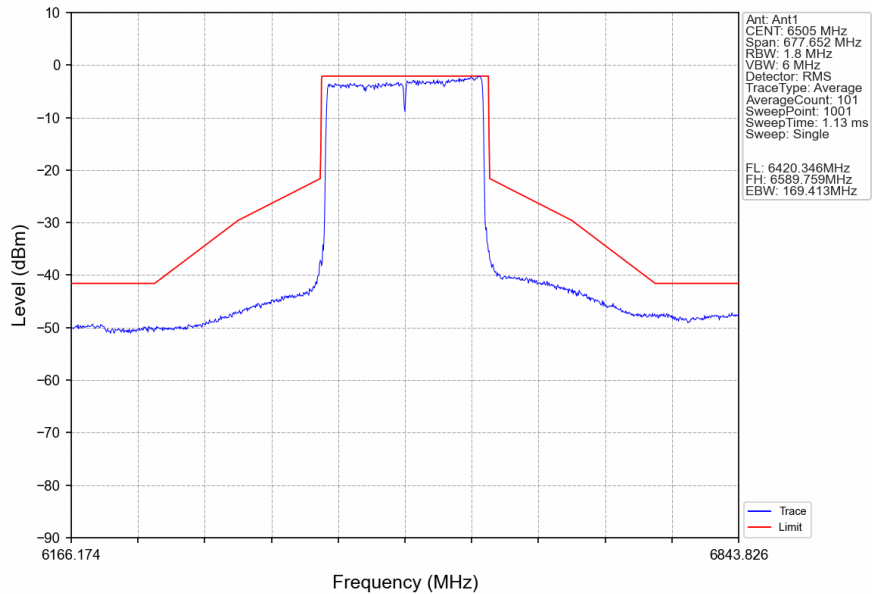
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802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



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1. Contention Based Protocol

1.1 Test Result

1.1.1 Duty Cycle_Band 5_Ant1

Ant1			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11be (EHT20)	6135	6135.000	64.97
802.11be (EHT40)	6125	6110.000	27.84
		6140.000	27.84
802.11be (EHT80)	6145	6110.000	29.86
		6145.000	29.86
		6180.000	29.86
802.11be (EHT160)	6135	6135.000	64.97
	6125	6110.000	27.84
		6140.000	27.84
802.11be (EHT320)	6105	5950.000	49.13
		6105.000	49.13
		6260.000	49.13

1.1.2 Contention Based Protocol_Detection Power_Band 5_Ant1

Ant1								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11be (EHT20)	6135	6135.000	OFF	-64.98	5.63	-70.61	<=-62	Pass
			Minimal	-65.01	5.63	-70.64	<=-62	Pass
			ON	-66.90	5.63	-72.53	<=-62	Pass
802.11be (EHT40)	6125	6110.000	OFF	-65.99	5.63	-71.62	<=-62	Pass
			Minimal	-66.82	5.63	-72.45	<=-62	Pass
			ON	-67.76	5.63	-73.39	<=-62	Pass
		6140.000	OFF	-62.73	5.63	-68.36	<=-62	Pass
			Minimal	-62.74	5.63	-68.37	<=-62	Pass
			ON	-63.74	5.63	-69.37	<=-62	Pass
802.11be (EHT80)	6145	6110.000	OFF	-65.04	5.63	-70.67	<=-62	Pass
			Minimal	-66.04	5.63	-71.67	<=-62	Pass
			ON	-66.88	5.63	-72.51	<=-62	Pass



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Shenzhen Branch (Shenzhen) Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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SZEMC-TRF-01 Rev. A/1

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		6145.000	OFF	-57.73	5.63	-63.36	<=-62	Pass
			Minimal	-57.77	5.63	-63.40	<=-62	Pass
			ON	-58.67	5.63	-64.30	<=-62	Pass
		6180.000	OFF	-65.09	5.63	-70.72	<=-62	Pass
			Minimal	-65.97	5.63	-71.60	<=-62	Pass
			ON	-65.96	5.63	-71.59	<=-62	Pass
802.11be (EHT160)	6185	6110.000	OFF	-60.20	5.63	-65.83	<=-62	Pass
			Minimal	-61.06	5.63	-66.69	<=-62	Pass
			ON	-62.06	5.63	-67.69	<=-62	Pass
		6185.000	OFF	-61.36	5.63	-66.99	<=-62	Pass
			Minimal	-61.30	5.63	-66.93	<=-62	Pass
			ON	-63.27	5.63	-68.90	<=-62	Pass
		6260.000	OFF	-62.20	5.63	-67.83	<=-62	Pass
			Minimal	-63.21	5.63	-68.84	<=-62	Pass
			ON	-64.21	5.63	-69.84	<=-62	Pass
802.11be (EHT320)	6105	5950.000	OFF	-56.90	5.63	-62.53	<=-62	Pass
			Minimal	-57.06	5.63	-62.69	<=-62	Pass
			ON	-58.11	5.63	-63.74	<=-62	Pass
		6105.000	OFF	-63.71	5.63	-69.34	<=-62	Pass
			Minimal	-64.70	5.63	-70.33	<=-62	Pass
			ON	-65.69	5.63	-71.32	<=-62	Pass
		6260.000	OFF	-69.21	5.63	-74.84	<=-62	Pass
			Minimal	-68.21	5.63	-73.84	<=-62	Pass
			ON	-70.14	5.63	-75.77	<=-62	Pass

1.1.3 Contention Based Protocol_Detection Probability_Band 5_Ant1

Ant1															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11be (EHT20)	6135	6135.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
802.11be (EHT40)	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
802.11be (EHT80)	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
802.11be (EHT160)	6185	6110.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
		6185.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
		6260.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
802.11be	6105	5950.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass



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(EHT320)	6105.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
	6260.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
Note1: CBP Detection Trials (Y=Detection, N=No Detection)															

1.1.4 Duty Cycle_Band 6_Ant1

Ant1			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11be (EHT20)	6455	6455.000	64.68

1.1.5 Contention Based Protocol_Detection Power_Band 6_Ant1

Ant1								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11be (EHT20)	6455	6455.000	OFF	-66.36	5.63	-71.99	<=-62	Pass
			Minimal	-66.37	5.63	-72.00	<=-62	Pass
			ON	-67.31	5.63	-72.94	<=-62	Pass

1.1.6 Contention Based Protocol_Detection Probability_Band 6_Ant1

Ant1															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11be (EHT20)	6455	6455.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
Note1: CBP Detection Trials (Y=Detection, N=No Detection)															

1.1.7 Duty Cycle_Band 7_Ant1

Ant1			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11be (EHT20)	6615	6615.000	65.27



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1.1.8 Contention Based Protocol_Detection Power_Band 7_Ant1

Ant1								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11be (EHT20)	6615	6615.000	OFF	-64.82	5.63	-70.45	<=-62	Pass
			Minimal	-63.86	5.63	-69.49	<=-62	Pass
			ON	-65.83	5.63	-71.46	<=-62	Pass

1.1.9 Contention Based Protocol_Detection Probability_Band 7_Ant1

Ant1															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11be (EHT20)	6615	6615.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
Note1: CBP Detection Trials (Y=Detection, N=No Detection)															

1.1.10 Duty Cycle_Band 8_Ant1

Ant1			
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	Duty Cycle (%)
802.11be (EHT20)	6935	6935.000	43.95

1.1.11 Contention Based Protocol_Detection Power_Band 8_Ant1

Ant1								
Mode	Freq. (MHz)	Incumbent Frequency (MHz)	EUT Status	Detected Power			Limit (dBm)	Verdict
				AWGN Power (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)		
802.11be (EHT20)	6935	6935.000	OFF	-66.65	5.63	-72.28	<=-62	Pass
			Minimal	-65.71	5.63	-71.34	<=-62	Pass
			ON	-67.61	5.63	-73.24	<=-62	Pass



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1.1.12 Contention Based Protocol_Detection Probability_Band 8_Ant1

Ant1															
Mode	Freq. (MHz)	Incumbent Freq. (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
													Result	Limit	
802.11be (EHT20)	6935	6935.000	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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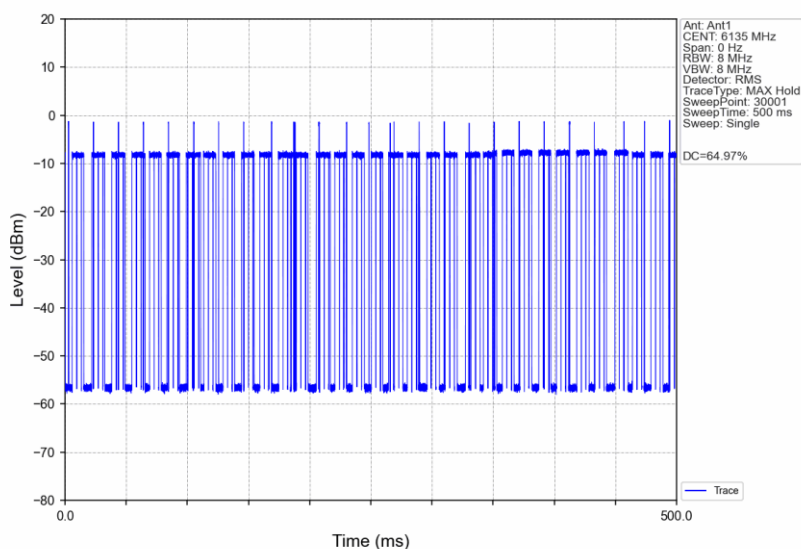
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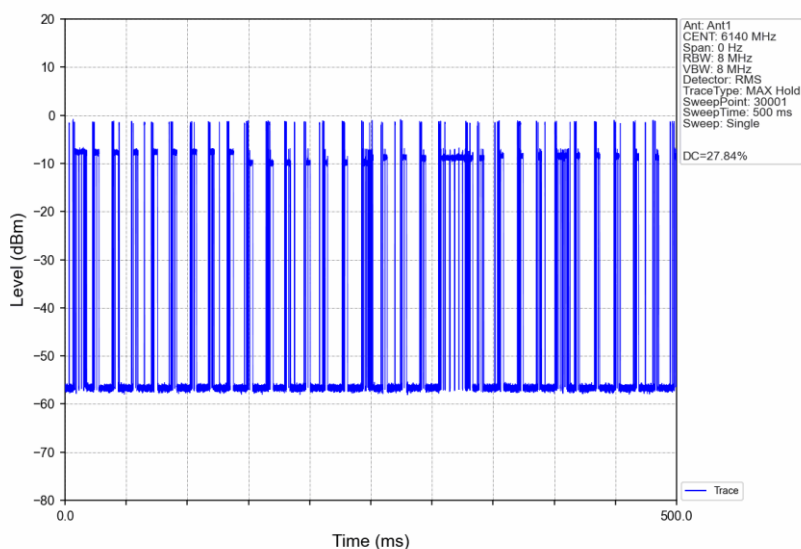
1.2 Test Graph

1.2.1 Duty Cycle_Band 5_Ant1

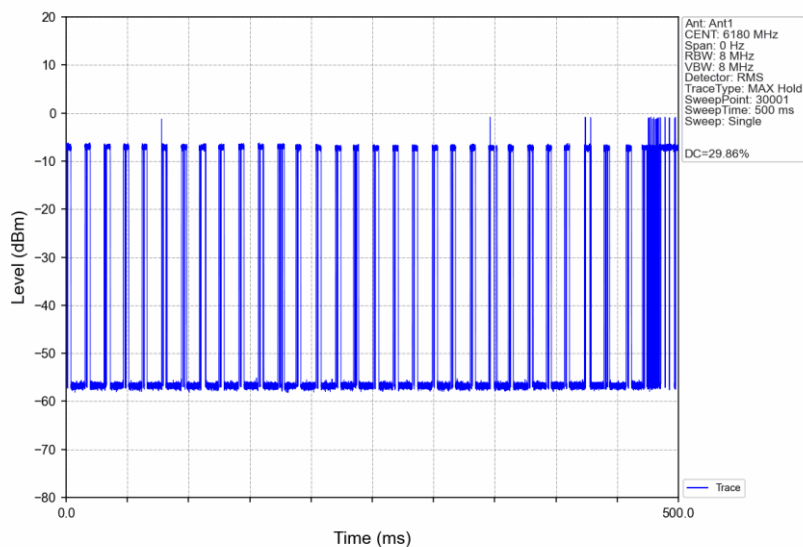
802.11be(EHT20)_MCH_6135MHz_Inject signal_6135MHz



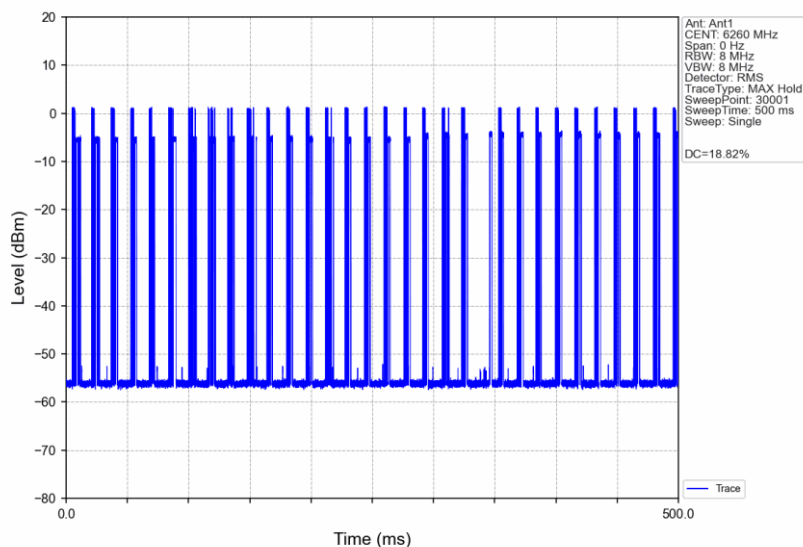
802.11be(EHT40)_LCH_6125MHz_Inject signal_6110MHz



802.11be(EHT80)_MCH_6145MHz_Inject signal_6110MHz

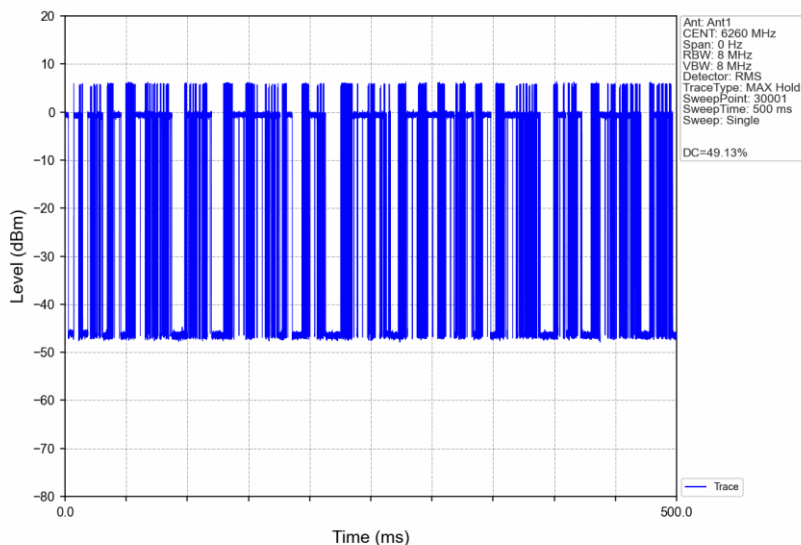


802.11be(EHT160)_MCH_6185MHz_Inject signal_6110MHz



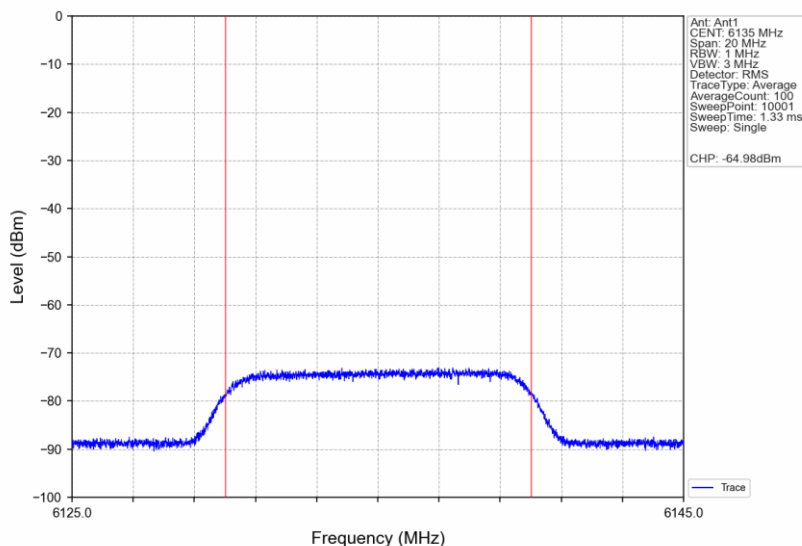
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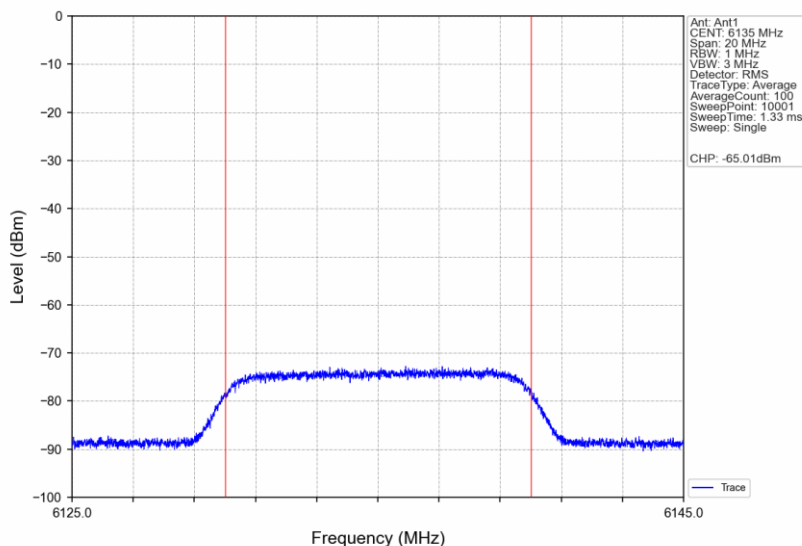


1.2.2 Contention Based Protocol_Detection Power_Band 5_Ant1

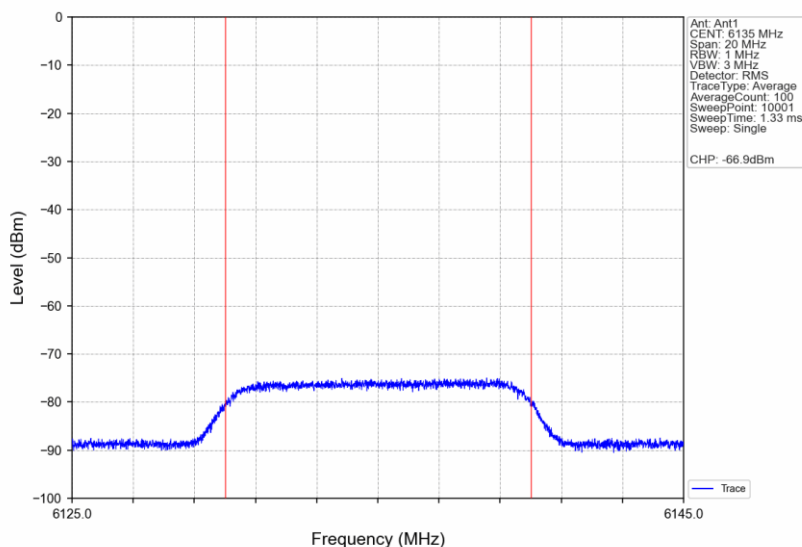
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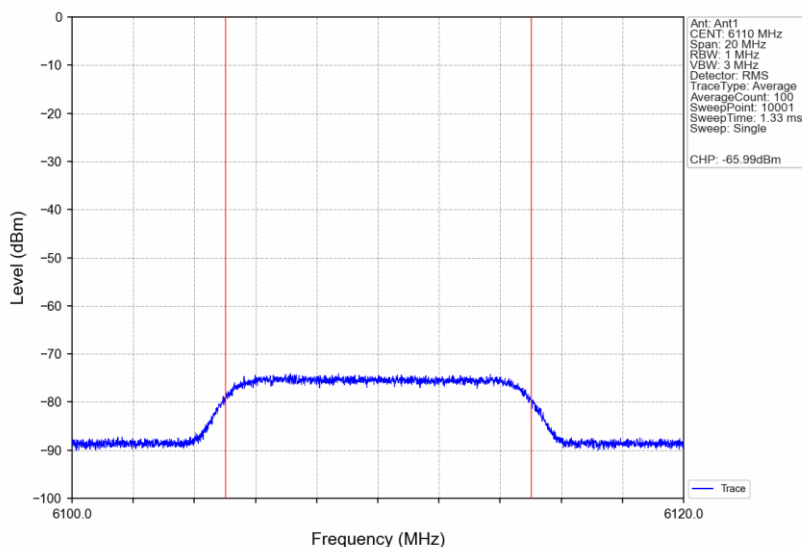
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802.11be(EHT20)_MCH_6135MHz_Inject signal_6135MHz_Detection status_ON



802.11be(EHT40)_LCH_6125MHz_Inject signal_6140MHz_Detection status_ON



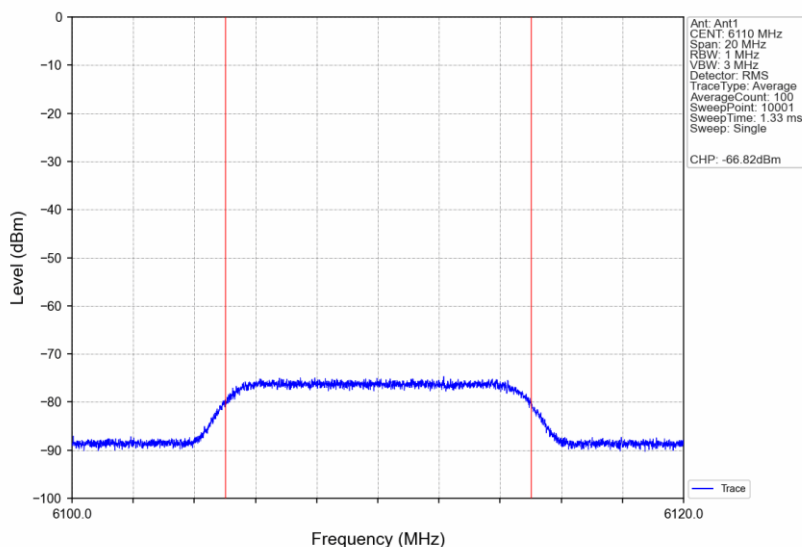
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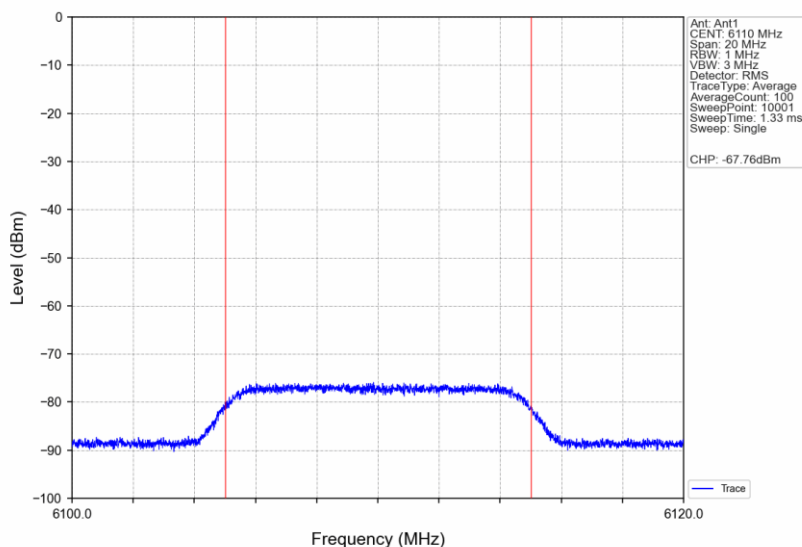
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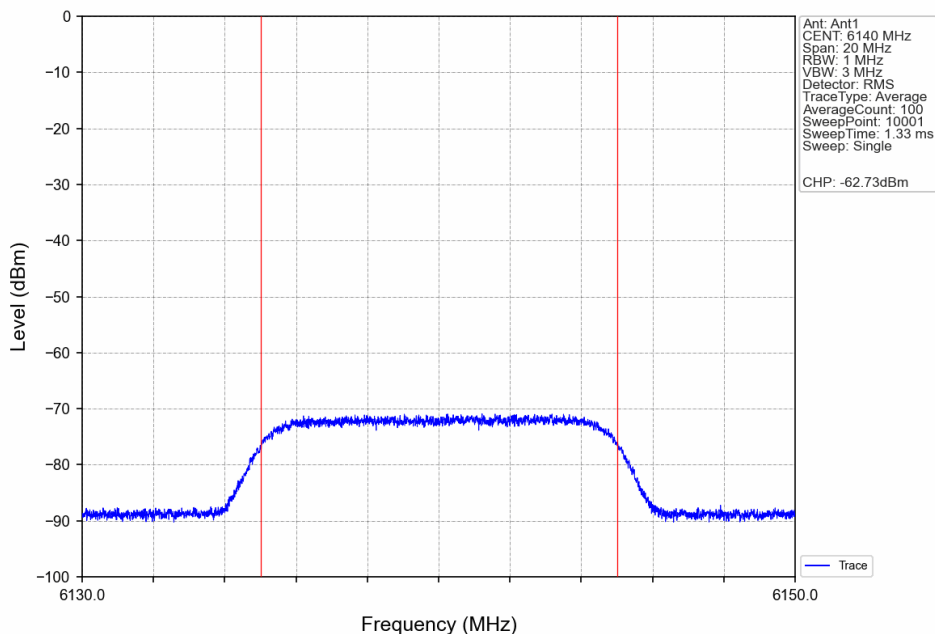
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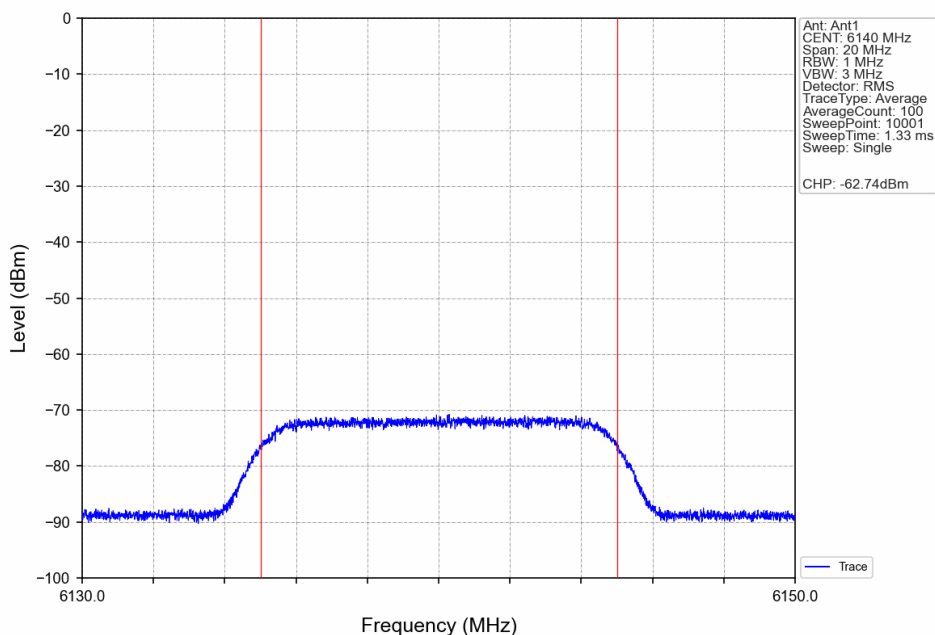
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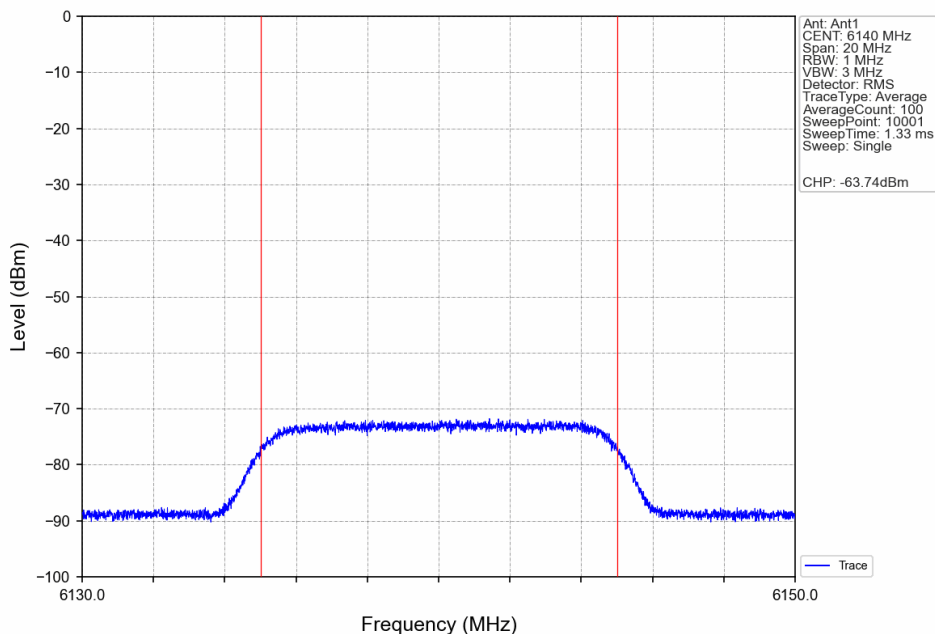
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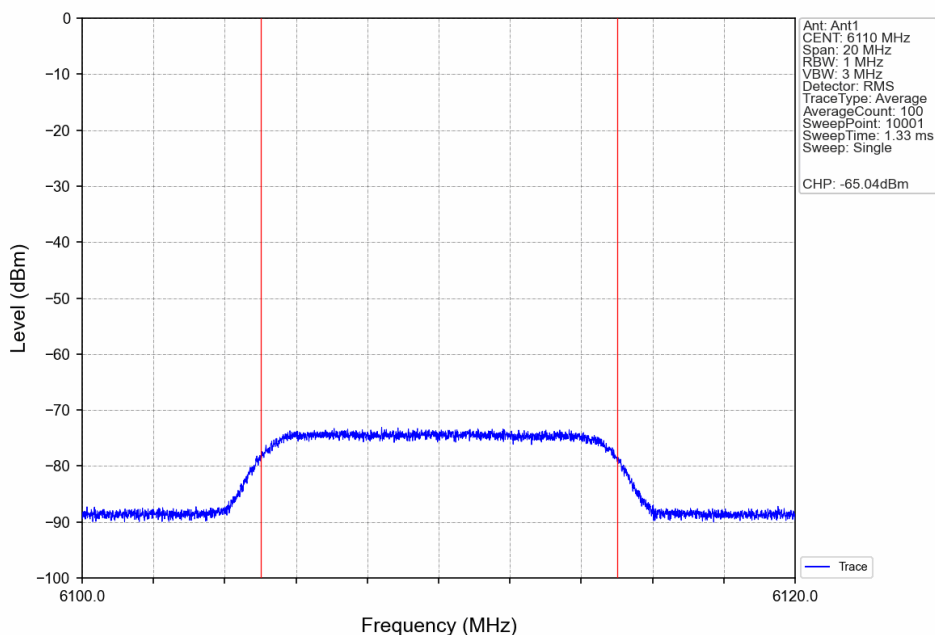
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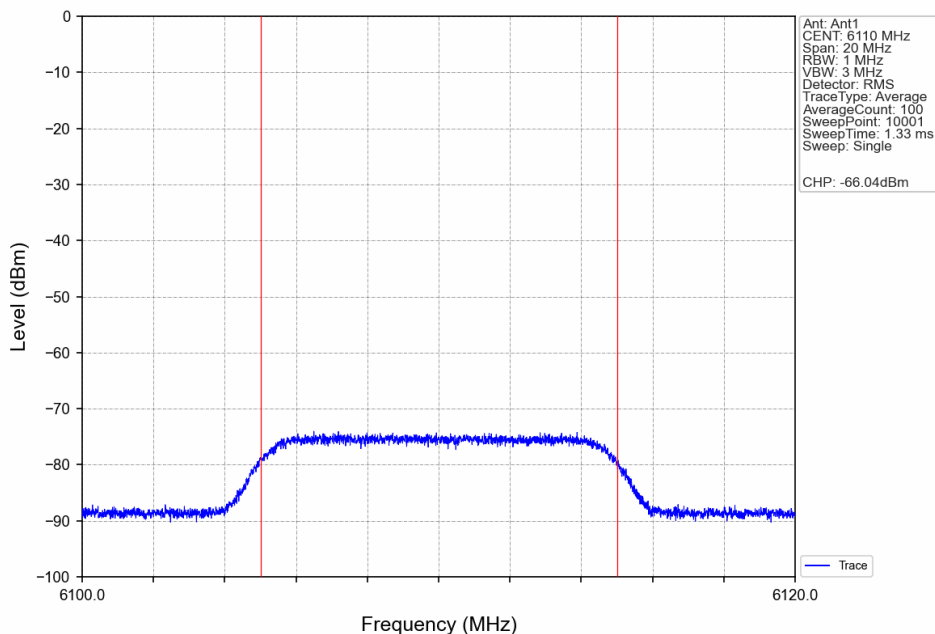
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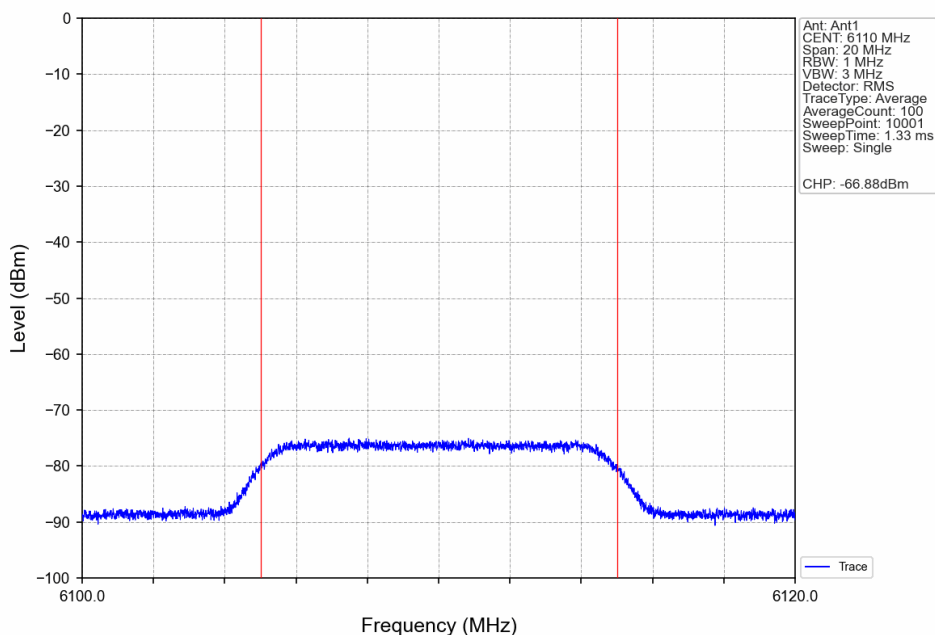
802.11be(EHT80)_MCH_6145MHz_Inject signal_6180MHz_Detection status_ON



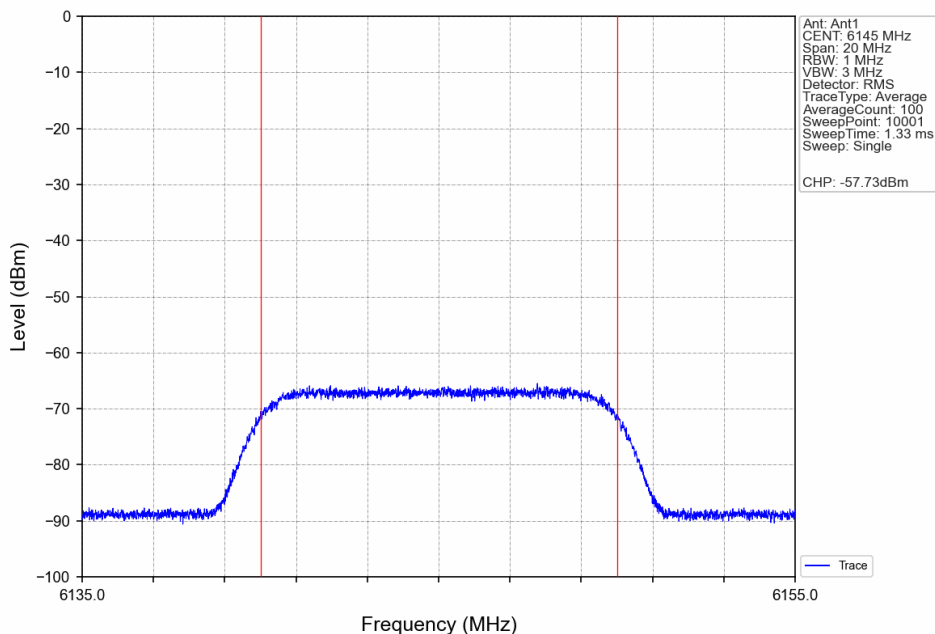
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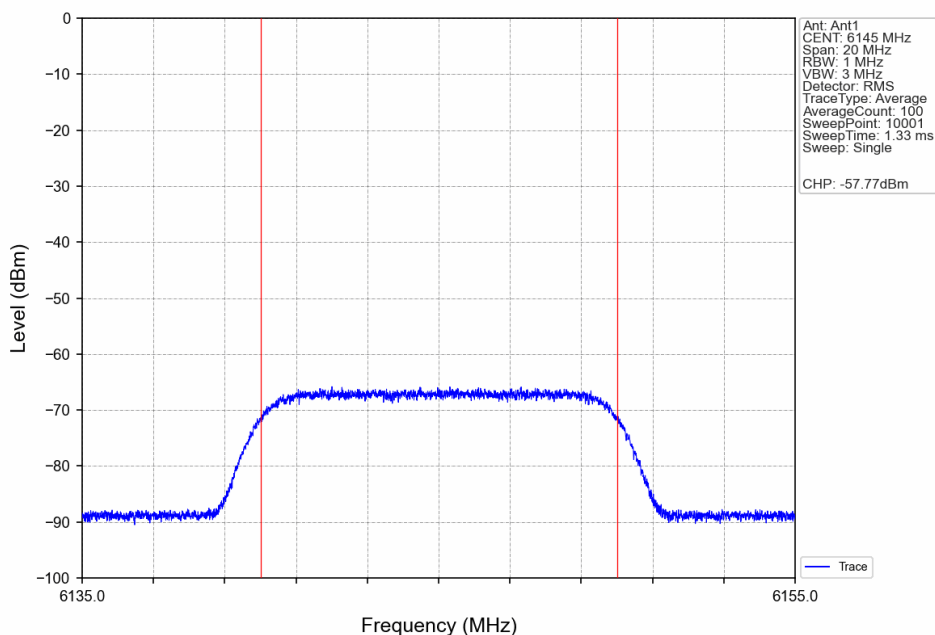
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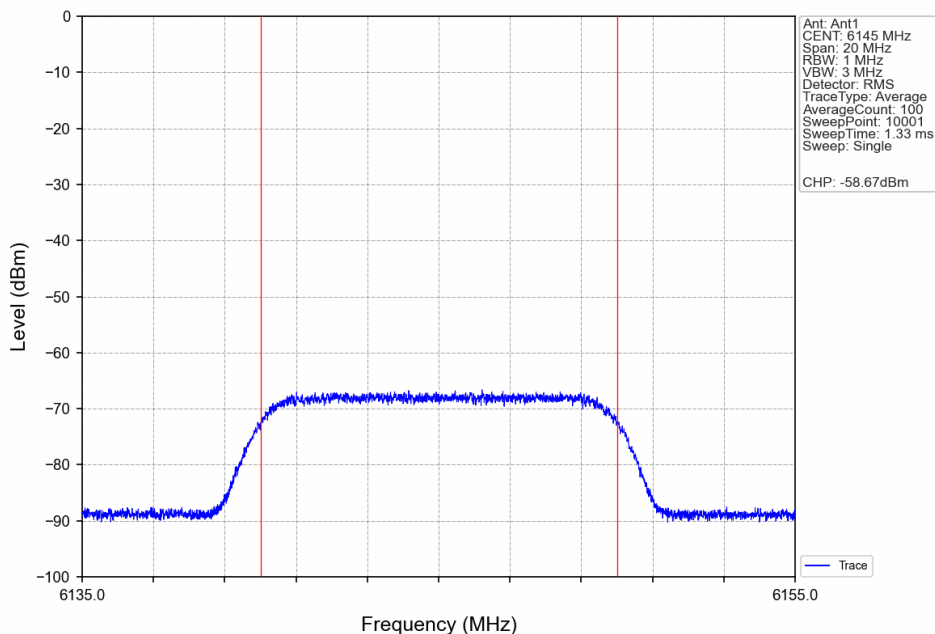
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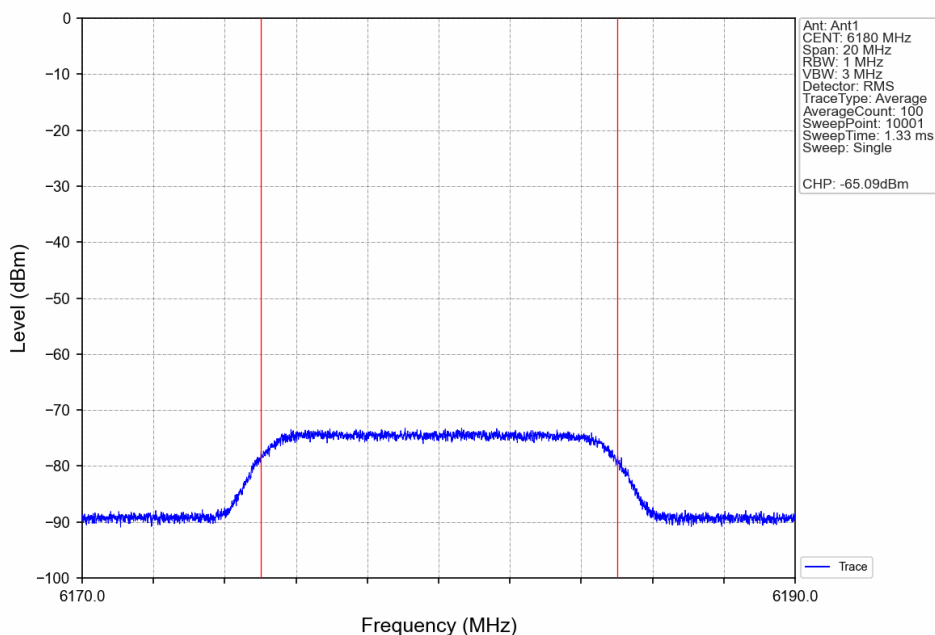
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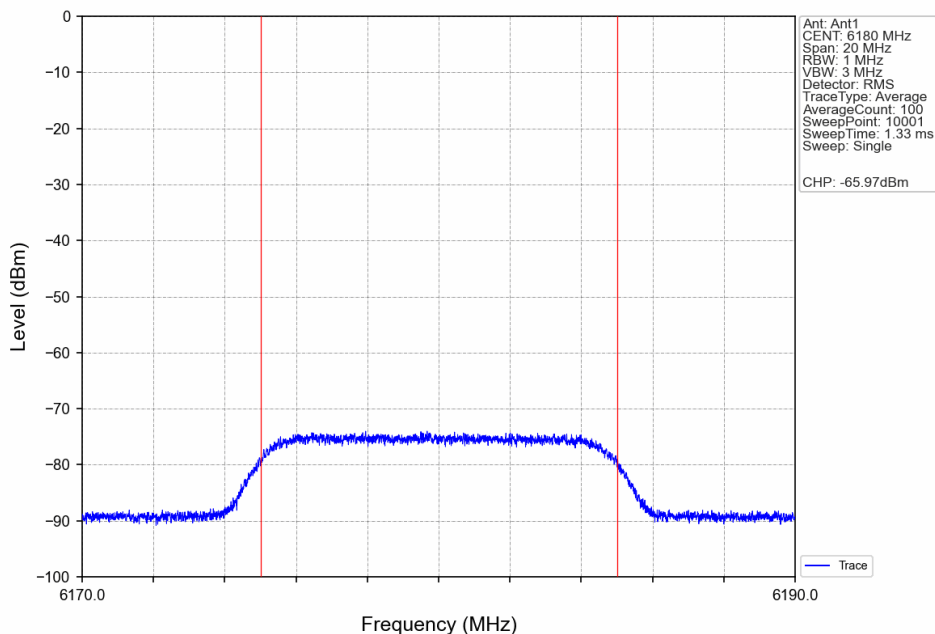
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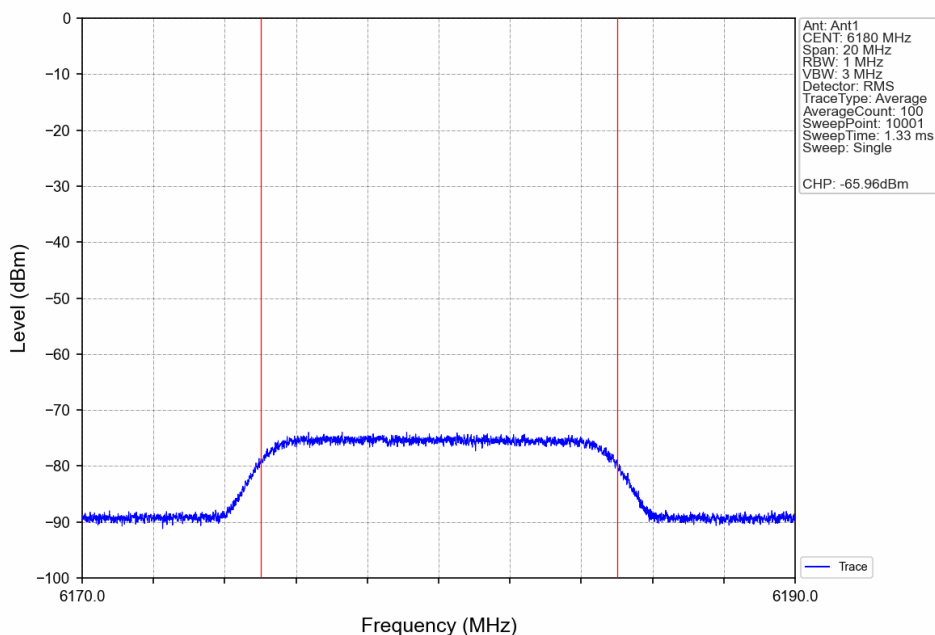
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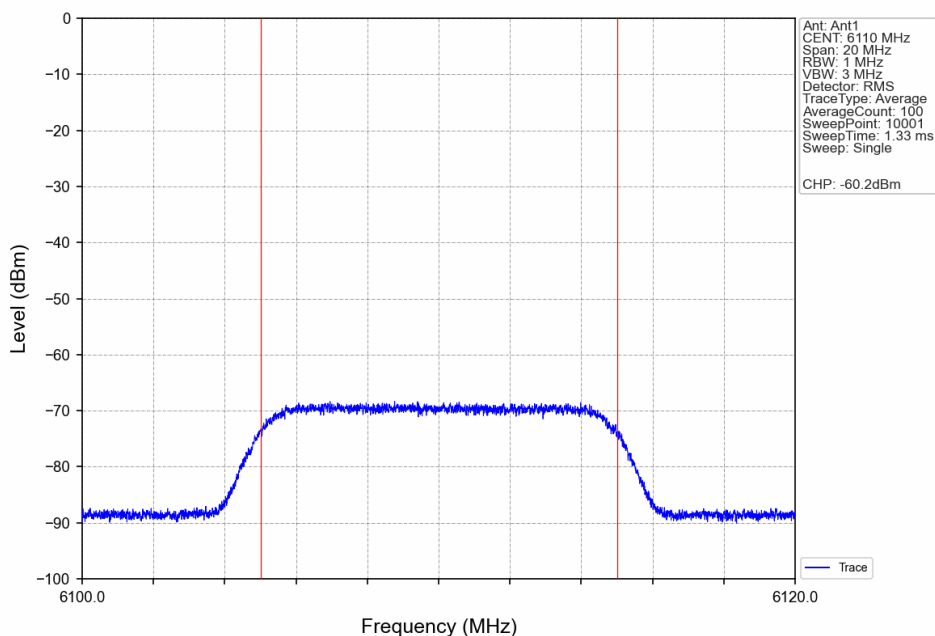
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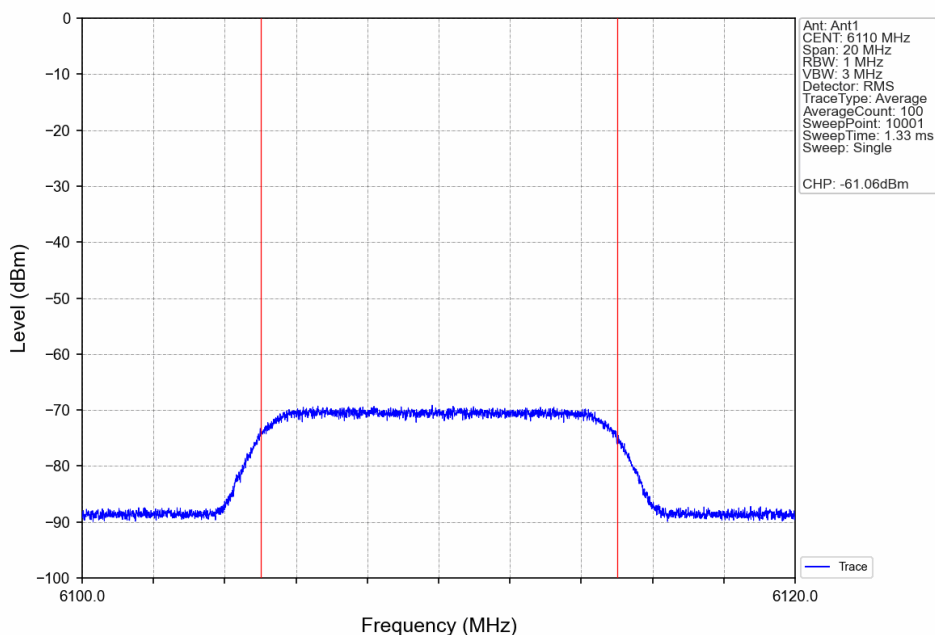
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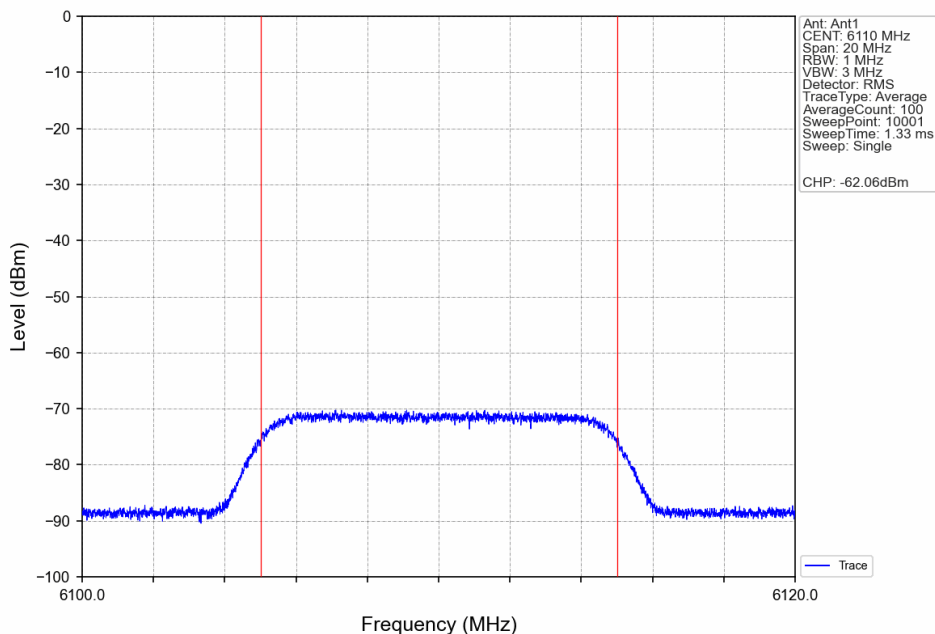
802.11be(EHT160)_MCH_6185MHz_Inject signal_6260MHz_Detection status_ON



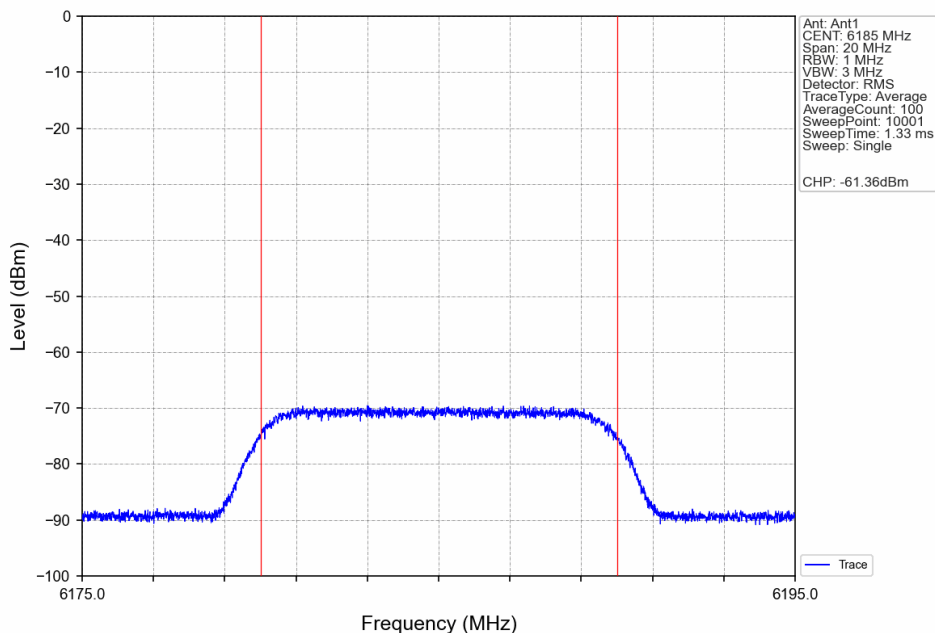
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802.11be(EHT160)_MCH_6185MHz_Inject signal_6260MHz_Detection status_ON



802.11be(EHT160)_MCH_6185MHz_Inject signal_6260MHz_Detection status_ON



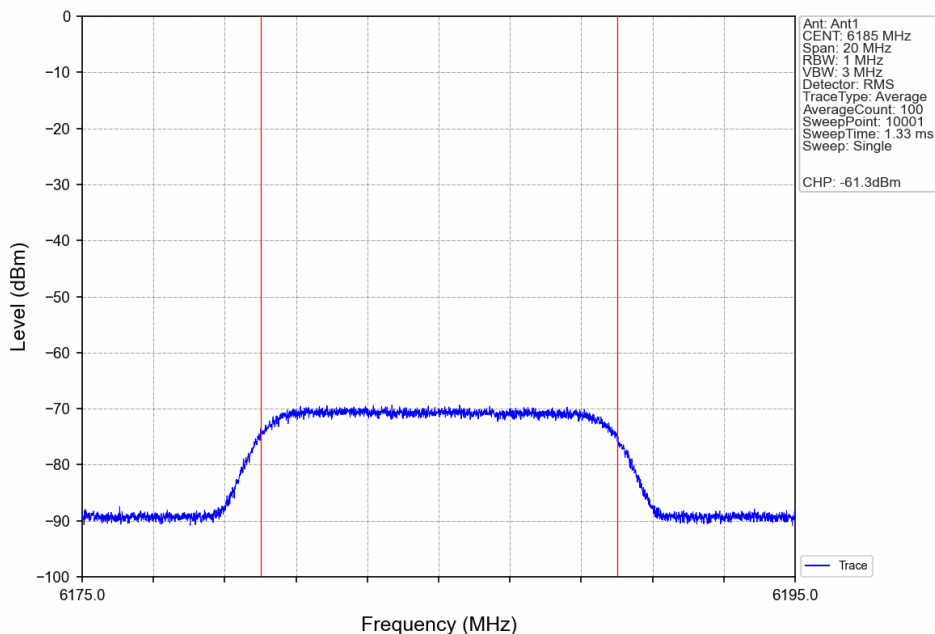
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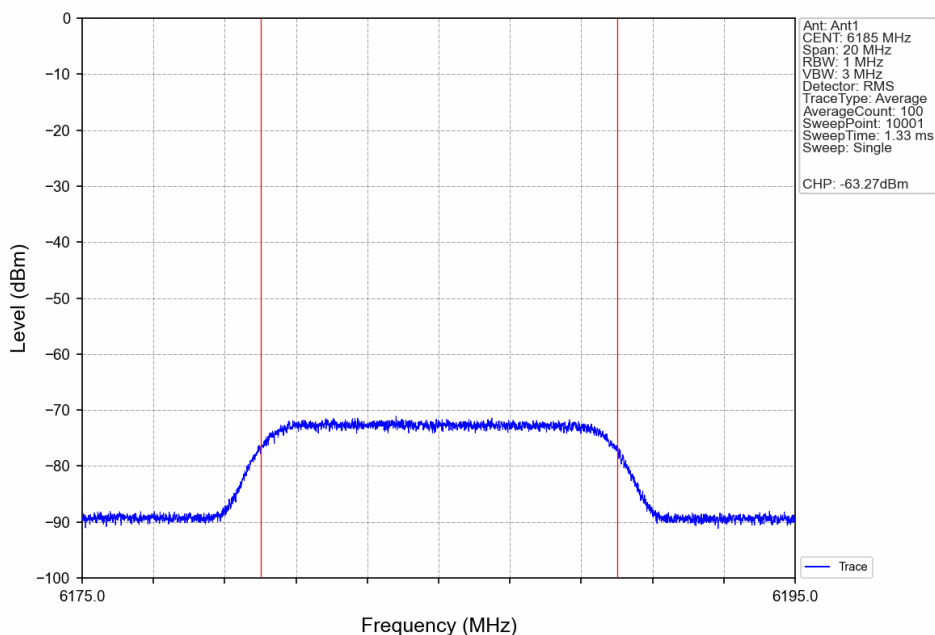
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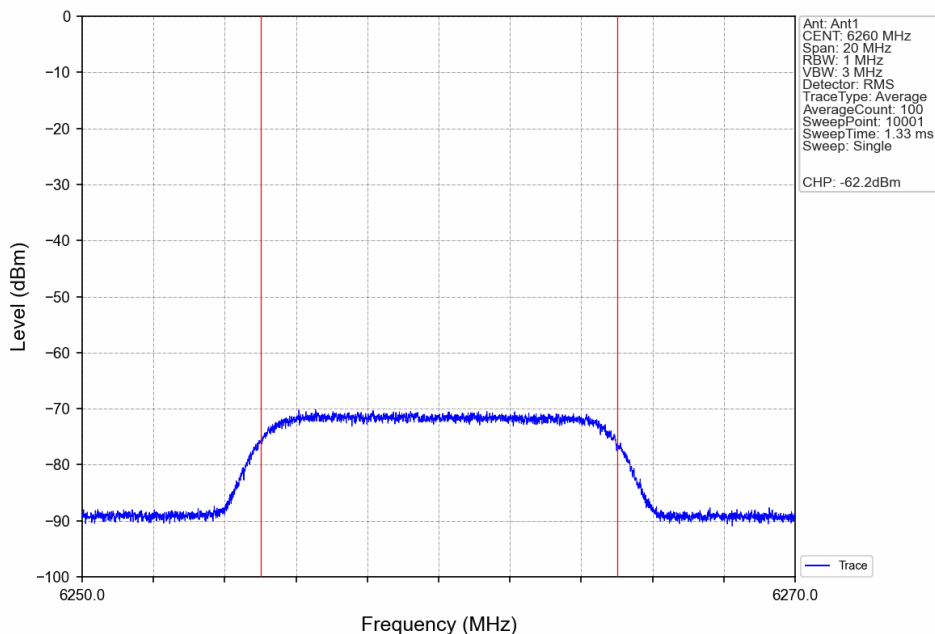
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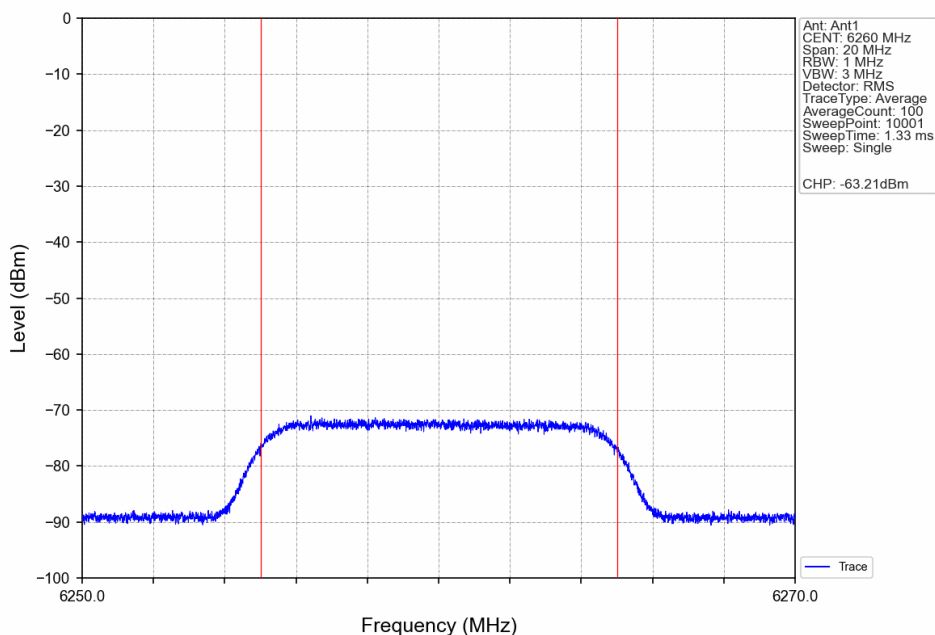
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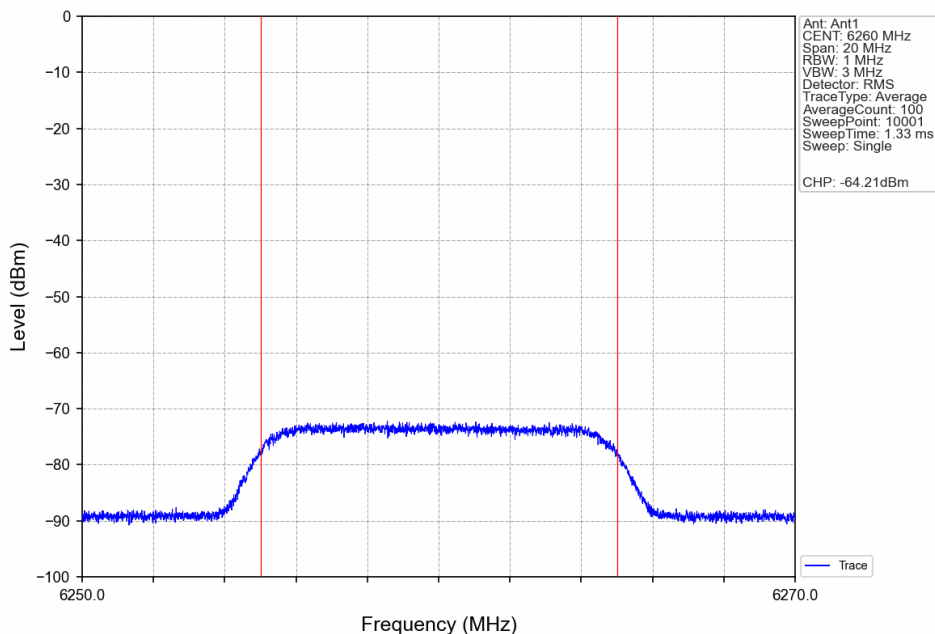
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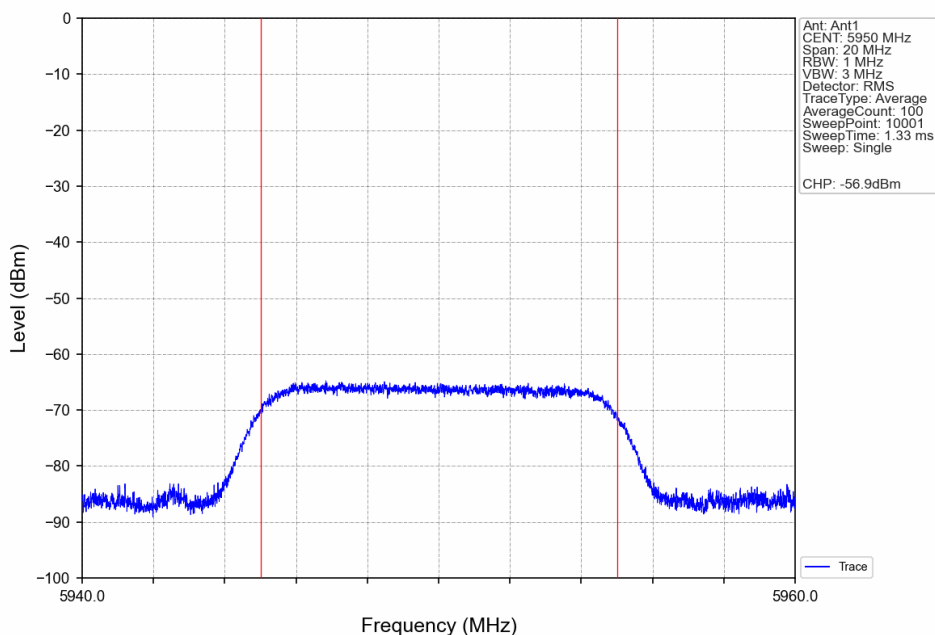
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802.11be(EHT160)_MCH_6185MHz_Inject signal_6260MHz_Detection status_ON



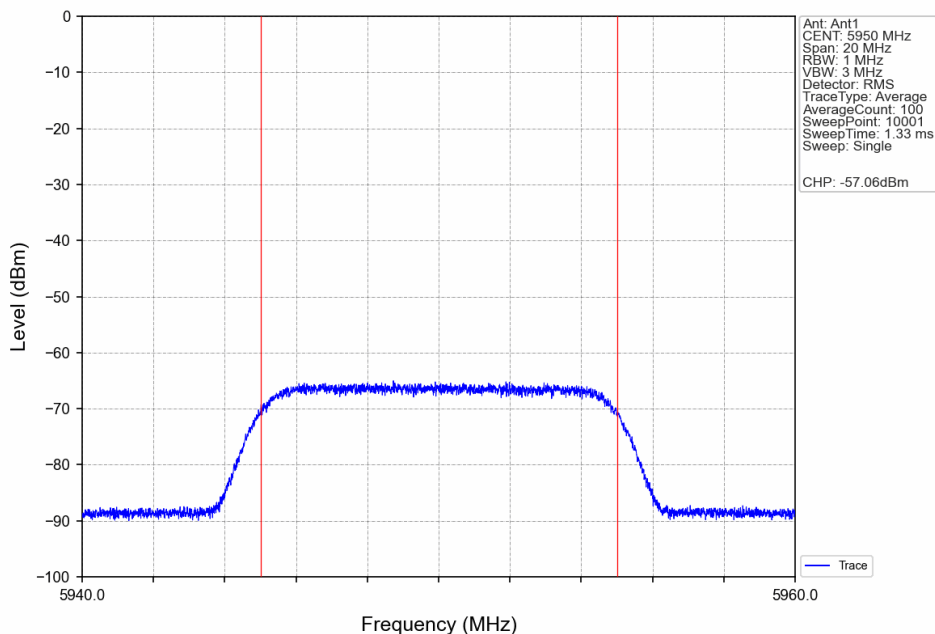
802.11be(EHT320)_LCH_6105MHz_Inject signal_6260MHz_Detection status_ON



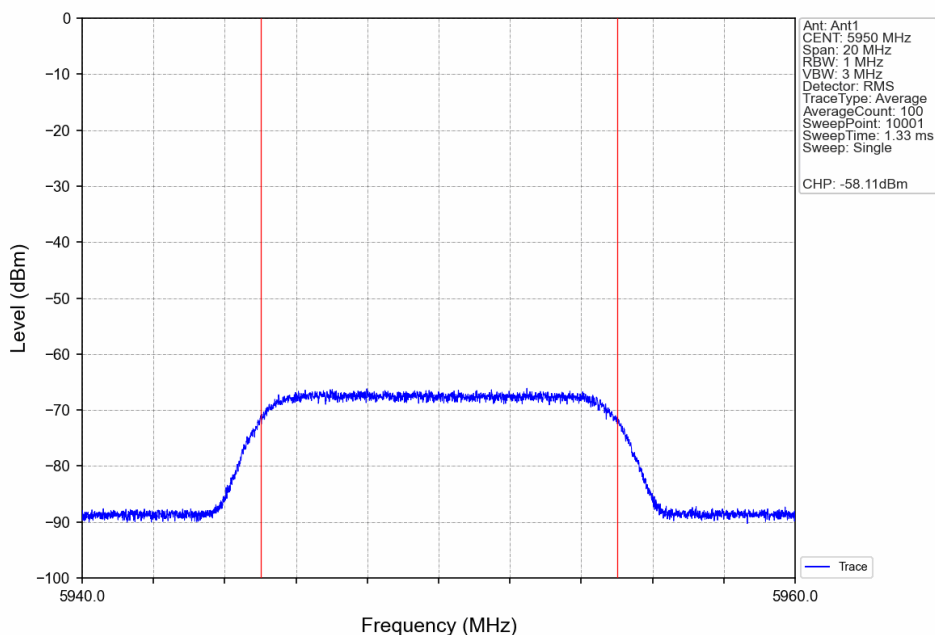
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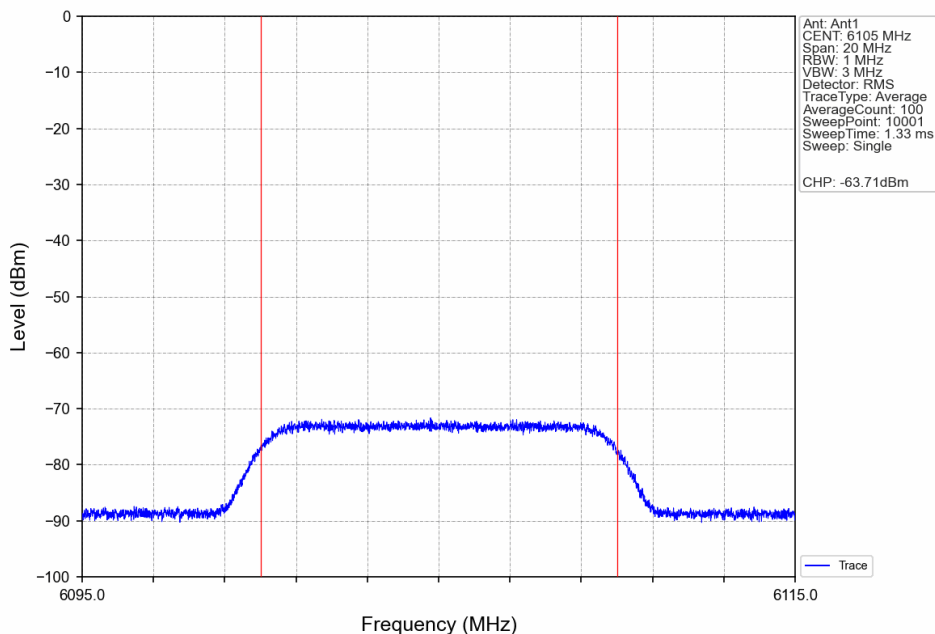
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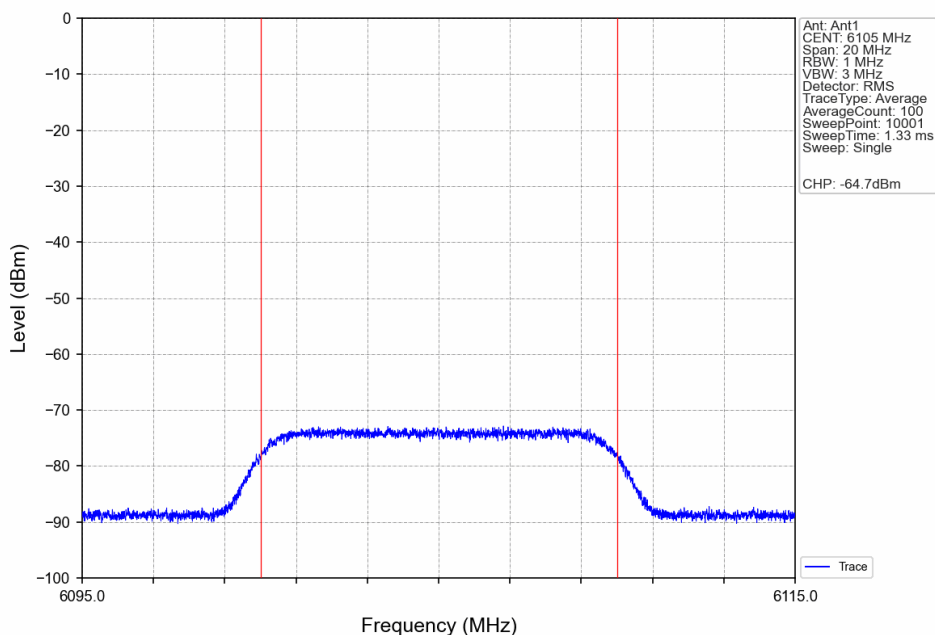
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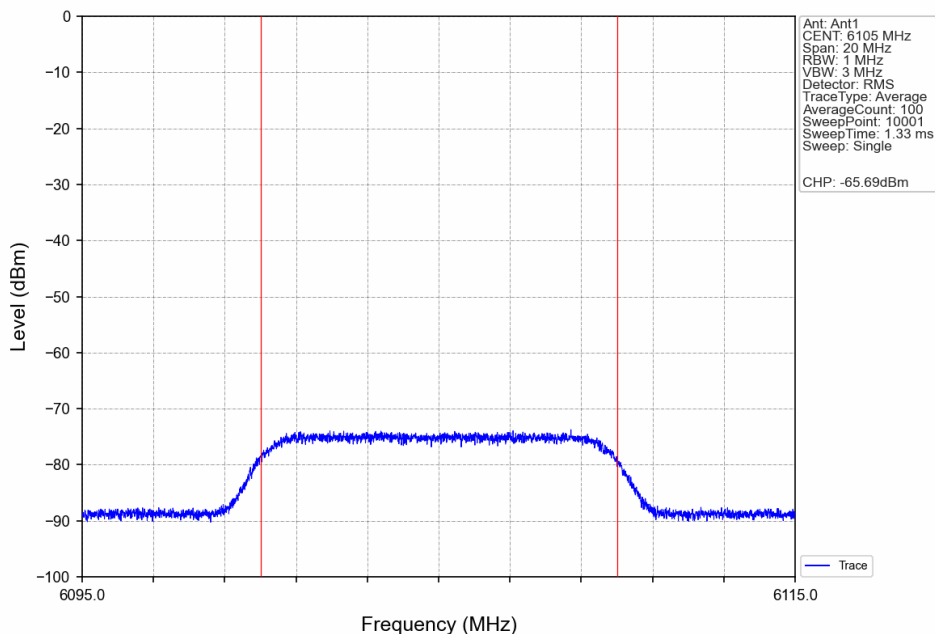
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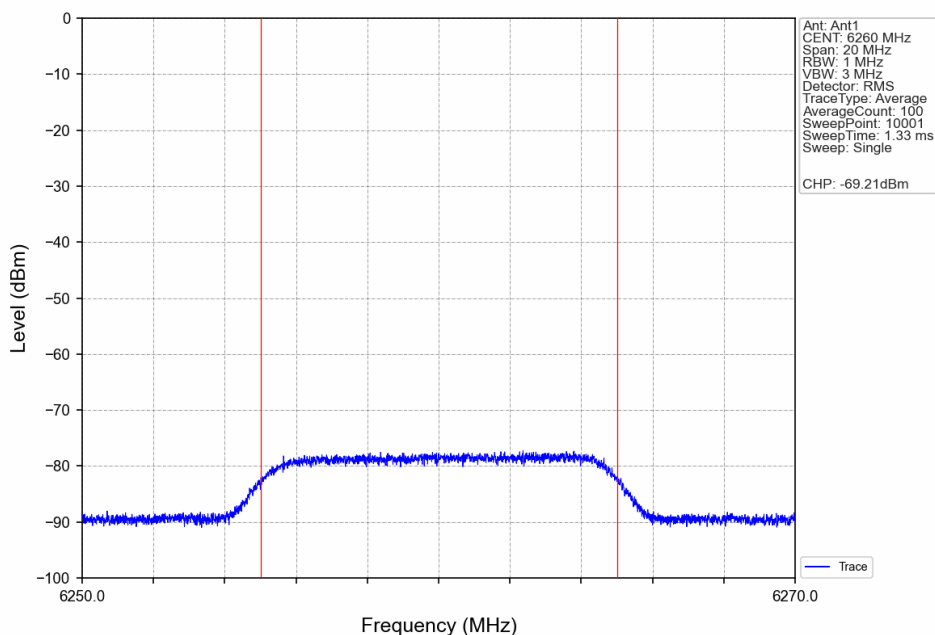
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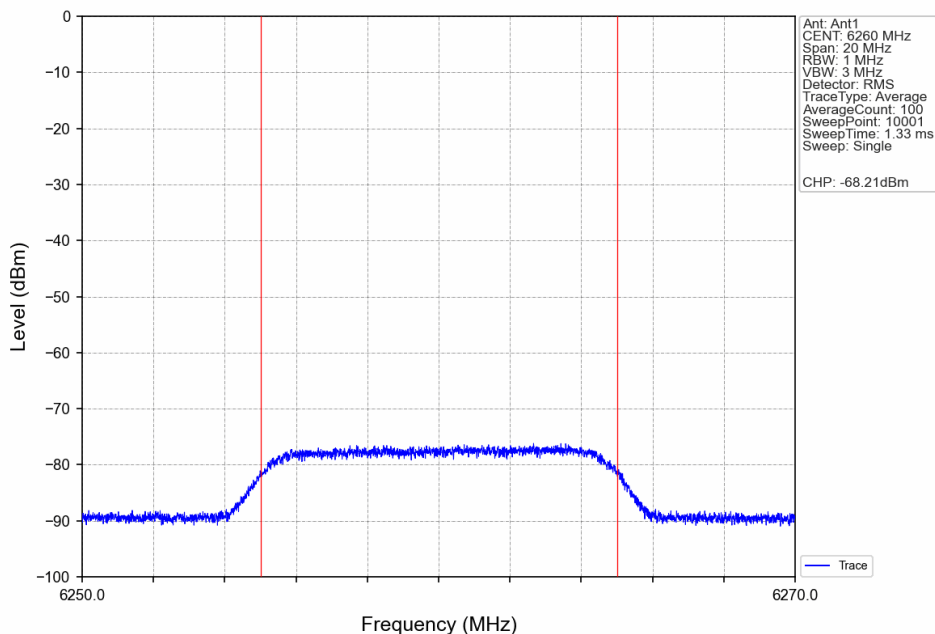
802.11be(EHT320)_LCH_6105MHz_Inject signal_6260MHz_Detection status_ON



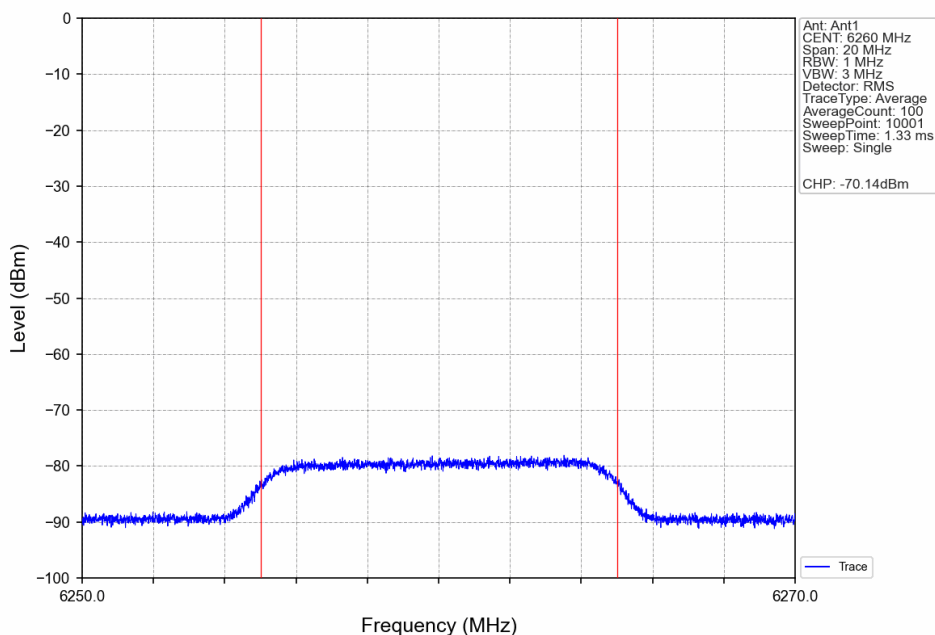
802.11be(EHT320)_LCH_6105MHz_Inject signal_6260MHz_Detection status_ON



802.11be(EHT320)_LCH_6105MHz_Inject signal_6260MHz_Detection status_ON

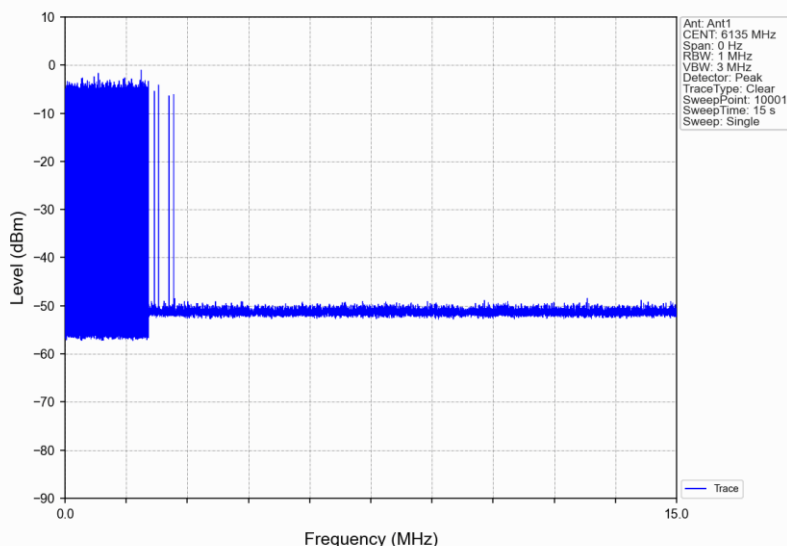


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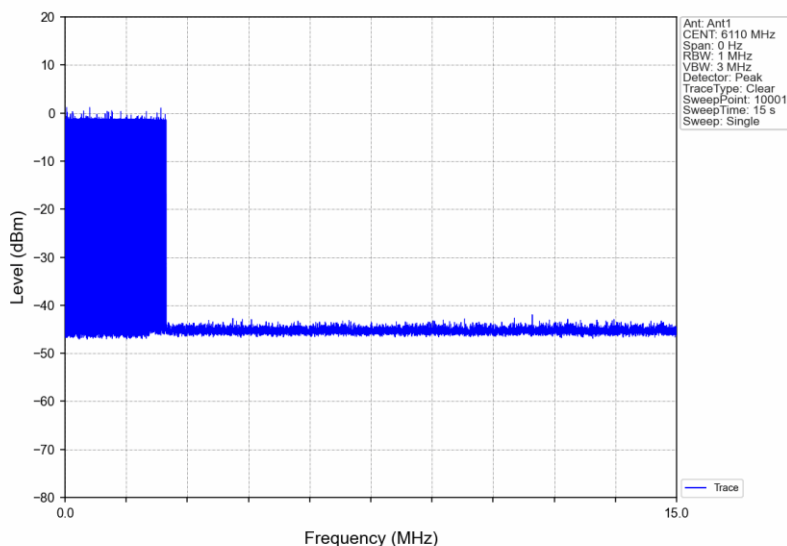


1.2.3 Contention Based Protocol_Detection Probability_Band 5_Ant1

802.11be(EHT20)_MCH_6135MHz_Inject signal_6135MHz_- Inject Incumbent signal at 10th seconds and keep the signal continuously injected



802.11be(EHT40)_LCH_6125MHz_Inject signal_6140MHz_- Inject Incumbent signal at 10th seconds and keep the signal continuously injected

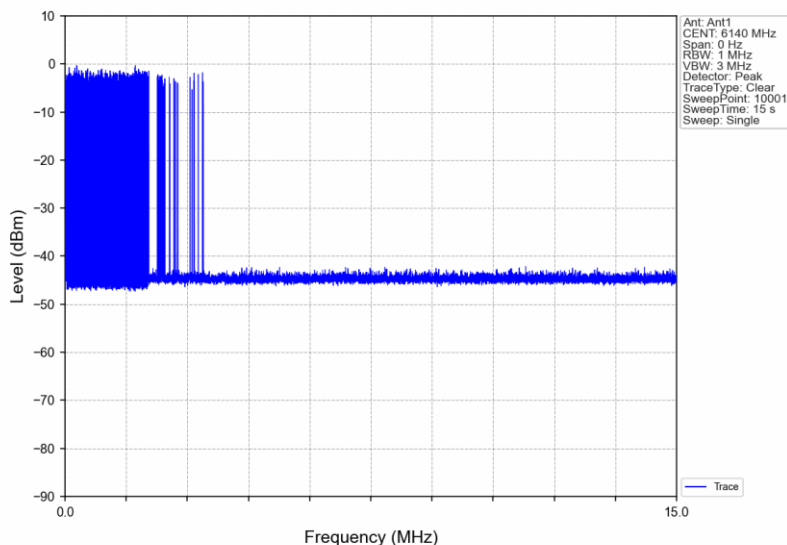


802.11be(EHT40)_LCH_6125MHz_Inject signal_6140MHz_- Inject Incumbent signal at 10th seconds and keep the signal continuously injected

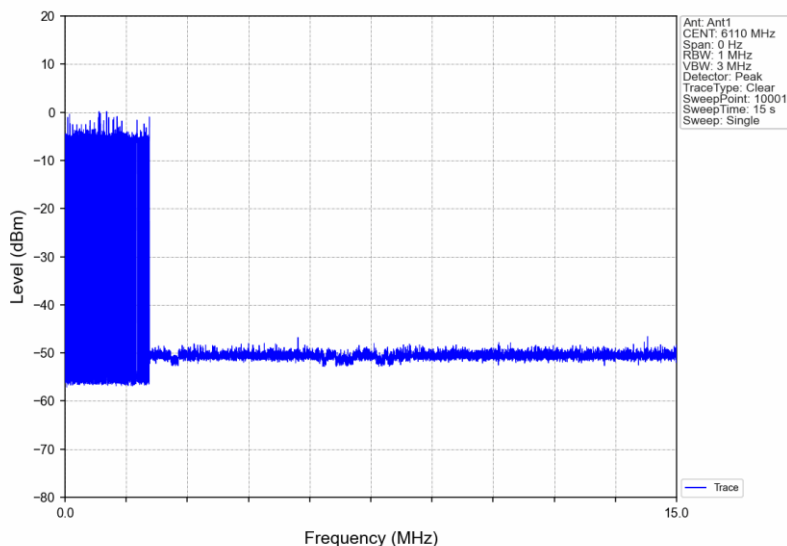


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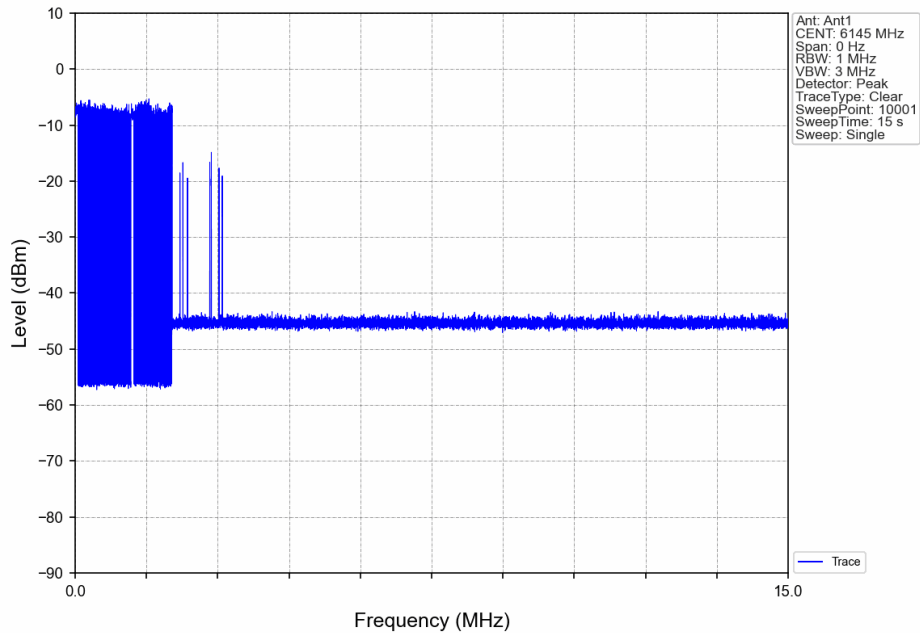


802.11be(EHT80)_MCH_6145MHz_Inject signal_6180MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected

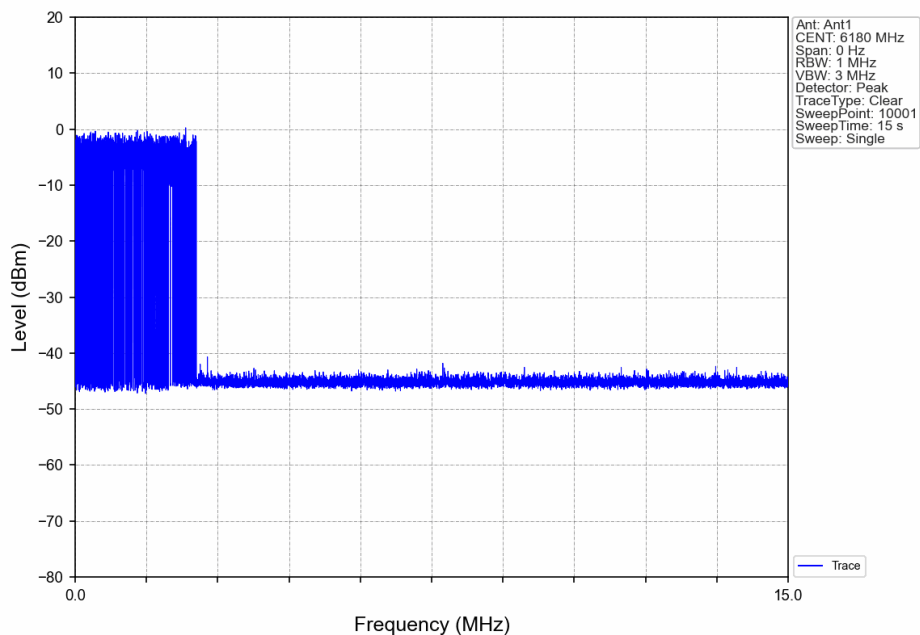


802.11be(EHT80)_MCH_6145MHz_Inject signal_6180MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



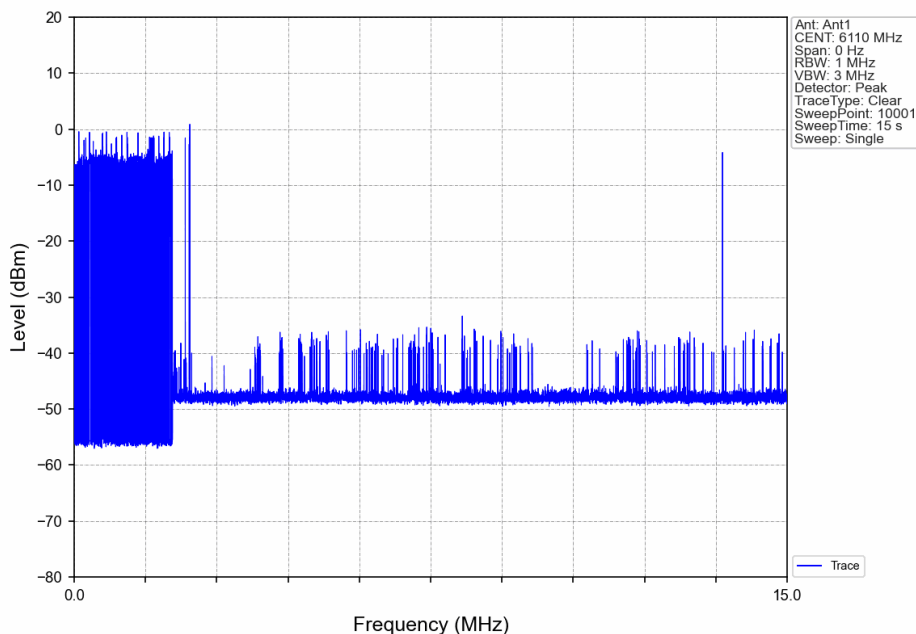


802.11be(EHT80)_MCH_6145MHz_Inject signal_6180MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected



802.11be(EHT160)_MCH_6185MHz_Inject signal_6260MHz_ - Inject Incumbent signal at 10th seconds and keep the signal continuously injected





802.11be(EHT160)_MCH_6185MHz_Inject signal_6260MHz_- Inject Incumbent signal at 10th seconds and keep the signal continuously injected

