

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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 543 of 615

802.11ax (HEW160)	MIMO	6025	2xRU996	Left	30	120	6384.925	5925 to 6425	Pass	
					40	120	6385.000	5925 to 6425	Pass	
					50	120	6385.000	5925 to 6425	Pass	
					20	102	6025.075	5925 to 6425	Pass	
						120	6025.000	5925 to 6425	Pass	
						138	6024.925	5925 to 6425	Pass	
						-30	120	6025.000	5925 to 6425	Pass
						-20	120	6024.925	5925 to 6425	Pass
						-10	120	6024.925	5925 to 6425	Pass
						0	120	6025.000	5925 to 6425	Pass
						10	120	6025.000	5925 to 6425	Pass
						30	120	6024.850	5925 to 6425	Pass
						40	120	6025.000	5925 to 6425	Pass
						50	120	6025.000	5925 to 6425	Pass
					20	102	6185.075	5925 to 6425	Pass	
						120	6185.000	5925 to 6425	Pass	
						138	6185.000	5925 to 6425	Pass	
						-30	120	6185.000	5925 to 6425	Pass
						-20	120	6185.075	5925 to 6425	Pass
						-10	120	6185.000	5925 to 6425	Pass
						0	120	6185.000	5925 to 6425	Pass
						10	120	6185.000	5925 to 6425	Pass
						30	120	6185.150	5925 to	Pass
										Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 544 of 615

								6425	
						40	120	6185.075	5925 to 6425
						50	120	6185.075	5925 to 6425
							102	6345.000	5925 to 6425
							120	6344.925	5925 to 6425
							138	6345.000	5925 to 6425
						-30	120	6345.000	5925 to 6425
						-20	120	6345.000	5925 to 6425
						-10	120	6345.000	5925 to 6425
						0	120	6344.925	5925 to 6425
						10	120	6345.000	5925 to 6425
						30	120	6345.000	5925 to 6425
						40	120	6344.925	5925 to 6425
						50	120	6345.000	5925 to 6425

5.1.2 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	MIMO	6435	/	/	20	102	6435.060	6425 to 6525	Pass
							120	6435.060	6425 to 6525	Pass
							138	6435.040	6425 to 6525	Pass
						-30	120	6435.040	6425 to 6525	Pass
						-20	120	6435.040	6425 to 6525	Pass
						-10	120	6435.040	6425 to	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 545 of 615

								6525		
					0	120	6435.060	6425 to 6525	Pass	
					10	120	6435.060	6425 to 6525	Pass	
					30	120	6435.040	6425 to 6525	Pass	
					40	120	6435.060	6425 to 6525	Pass	
					50	120	6435.060	6425 to 6525	Pass	
				6475	/	20	102	6475.060	6425 to 6525	Pass
							120	6475.060	6425 to 6525	Pass
							138	6475.040	6425 to 6525	Pass
							-30	6475.060	6425 to 6525	Pass
							-20	6475.060	6425 to 6525	Pass
							-10	6475.060	6425 to 6525	Pass
							0	6475.060	6425 to 6525	Pass
							10	6475.060	6425 to 6525	Pass
							30	6475.060	6425 to 6525	Pass
							40	6475.080	6425 to 6525	Pass
				6515	/	20	50	6475.060	6425 to 6525	Pass
							102	6515.060	6425 to 6525	Pass
							120	6515.020	6425 to 6525	Pass
							138	6515.040	6425 to 6525	Pass
							-30	6515.060	6425 to 6525	Pass
							-20	6515.060	6425 to 6525	Pass
							-10	6515.040	6425 to 6525	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 546 of 615

802.11ax (HEW20)	MIMO	6435	RU242	Left	0	120	6515.040	6425 to 6525	Pass		
					10	120	6515.040	6425 to 6525	Pass		
					30	120	6515.060	6425 to 6525	Pass		
					40	120	6515.040	6425 to 6525	Pass		
					50	120	6515.040	6425 to 6525	Pass		
					20	102	6435.080	6425 to 6525	Pass		
						120	6435.080	6425 to 6525	Pass		
						138	6435.040	6425 to 6525	Pass		
						-30	120	6435.020	6425 to 6525	Pass	
					-20	120	6435.020	6425 to 6525	Pass		
						-10	120	6435.080	6425 to 6525	Pass	
						0	120	6435.060	6425 to 6525	Pass	
						10	120	6435.040	6425 to 6525	Pass	
					30	120	6435.060	6425 to 6525	Pass		
						40	120	6435.080	6425 to 6525	Pass	
						50	120	6435.040	6425 to 6525	Pass	
						6475	102	6475.060	6425 to 6525	Pass	
							120	6475.100	6425 to 6525	Pass	
							138	6475.060	6425 to 6525	Pass	
							-30	120	6475.080	6425 to 6525	Pass
							-20	120	6475.080	6425 to 6525	Pass
							-10	120	6475.080	6425 to 6525	Pass
							0	120	6475.060	6425 to	Pass
										Pass	

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 547 of 615

							6525			
						10	120	6475.100	6425 to 6525	Pass
						30	120	6475.060	6425 to 6525	Pass
						40	120	6475.040	6425 to 6525	Pass
						50	120	6475.100	6425 to 6525	Pass
						102	6515.020	6425 to 6525	Pass	
					Left	20	120	6515.040	6425 to 6525	Pass
						138	6515.060	6425 to 6525	Pass	
						-30	120	6515.020	6425 to 6525	Pass
						-20	120	6514.980	6425 to 6525	Pass
						-10	120	6515.060	6425 to 6525	Pass
						0	120	6515.020	6425 to 6525	Pass
						10	120	6515.040	6425 to 6525	Pass
						30	120	6515.040	6425 to 6525	Pass
						40	120	6515.020	6425 to 6525	Pass
						50	120	6515.040	6425 to 6525	Pass
					Left	102	6445.120	6425 to 6525	Pass	
						120	6445.080	6425 to 6525	Pass	
						138	6445.120	6425 to 6525	Pass	
						-30	120	6445.080	6425 to 6525	Pass
						-20	120	6445.040	6425 to 6525	Pass
						-10	120	6445.120	6425 to 6525	Pass
						0	120	6445.080	6425 to 6525	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 548 of 615

					10	120	6445.040	6425 to 6525	Pass	
					30	120	6445.080	6425 to 6525	Pass	
					40	120	6445.160	6425 to 6525	Pass	
					50	120	6445.120	6425 to 6525	Pass	
					20	102	6485.040	6425 to 6525	Pass	
						120	6485.080	6425 to 6525	Pass	
						138	6485.080	6425 to 6525	Pass	
						-30	120	6485.040	6425 to 6525	Pass
						-20	120	6485.120	6425 to 6525	Pass
					Left	-10	120	6485.160	6425 to 6525	Pass
						0	120	6485.040	6425 to 6525	Pass
						10	120	6485.000	6425 to 6525	Pass
						30	120	6485.080	6425 to 6525	Pass
						40	120	6485.080	6425 to 6525	Pass
						50	120	6485.040	6425 to 6525	Pass
					Left	102	6465.075	6425 to 6525	Pass	
						120	6465.075	6425 to 6525	Pass	
						138	6465.075	6425 to 6525	Pass	
						-30	120	6465.075	6425 to 6525	Pass
						-20	120	6465.075	6425 to 6525	Pass
						-10	120	6465.150	6425 to 6525	Pass
						0	120	6465.075	6425 to 6525	Pass
						10	120	6465.000	6425 to	Pass


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Report No.: SZCR250300112106

Page: 549 of 615

								6525	
						30	120	6465.075	6425 to 6525
						40	120	6465.000	6425 to 6525
						50	120	6465.075	6425 to 6525

5.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	MIMO	6535	/	/	20	102	6535.060	6525 to 6875	Pass
							120	6535.040	6525 to 6875	Pass
							138	6535.080	6525 to 6875	Pass
						-30	120	6535.060	6525 to 6875	Pass
						-20	120	6535.040	6525 to 6875	Pass
						-10	120	6535.040	6525 to 6875	Pass
						0	120	6535.040	6525 to 6875	Pass
						10	120	6535.040	6525 to 6875	Pass
						30	120	6535.060	6525 to 6875	Pass
						40	120	6535.040	6525 to 6875	Pass
			6695	/	/	50	120	6535.060	6525 to 6875	Pass
						20	102	6695.060	6525 to 6875	Pass
							120	6695.060	6525 to 6875	Pass
							138	6695.100	6525 to 6875	Pass
						-30	120	6695.080	6525 to 6875	Pass
						-20	120	6695.060	6525 to	Pass

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Report No.: SZCR250300112106

Page: 550 of 615

	6855	/	/				6875		
				-10	120	6695.060	6525 to 6875	Pass	
				0	120	6695.060	6525 to 6875	Pass	
				10	120	6695.060	6525 to 6875	Pass	
				30	120	6695.060	6525 to 6875	Pass	
				40	120	6695.060	6525 to 6875	Pass	
				50	120	6695.060	6525 to 6875	Pass	
				20	102	6855.080	6525 to 6875	Pass	
					120	6855.080	6525 to 6875	Pass	
					138	6855.040	6525 to 6875	Pass	
					-30	120	6855.060	6525 to 6875	
					-20	120	6855.060	6525 to 6875	
				/	-10	120	6855.080	6525 to 6875	
					0	120	6855.040	6525 to 6875	
					10	120	6855.040	6525 to 6875	
					30	120	6855.040	6525 to 6875	
					40	120	6855.060	6525 to 6875	
					50	120	6855.060	6525 to 6875	
802.11ax (HEW20)	MIMO	6535	RU242	Left	20	102	6535.080	6525 to 6875	Pass
						120	6535.020	6525 to 6875	Pass
						138	6535.040	6525 to 6875	Pass
					-30	120	6535.060	6525 to 6875	Pass
					-20	120	6535.000	6525 to 6875	Pass

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Report No.: SZCR250300112106

Page: 551 of 615

	6695	RU242	Left	-10	120	6535.100	6525 to 6875	Pass
				0	120	6535.060	6525 to 6875	Pass
				10	120	6535.020	6525 to 6875	Pass
				30	120	6535.080	6525 to 6875	Pass
				40	120	6535.040	6525 to 6875	Pass
				50	120	6535.040	6525 to 6875	Pass
				20	102	6695.060	6525 to 6875	Pass
					120	6695.100	6525 to 6875	Pass
					138	6695.080	6525 to 6875	Pass
				-30	120	6695.120	6525 to 6875	Pass
				-20	120	6695.120	6525 to 6875	Pass
				-10	120	6695.060	6525 to 6875	Pass
				0	120	6695.040	6525 to 6875	Pass
				10	120	6695.120	6525 to 6875	Pass
				30	120	6695.100	6525 to 6875	Pass
				40	120	6695.060	6525 to 6875	Pass
				50	120	6695.020	6525 to 6875	Pass
	6855	RU242	Left	20	102	6855.140	6525 to 6875	Pass
					120	6855.040	6525 to 6875	Pass
					138	6855.060	6525 to 6875	Pass
				-30	120	6855.080	6525 to 6875	Pass
				-20	120	6855.060	6525 to 6875	Pass
				-10	120	6855.060	6525 to	Pass

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Report No.: SZCR250300112106

Page: 552 of 615

	802.11ax (HEW40)	MIMO	6565	RU484	Left	0	120	6855.120	6525 to 6875	Pass
						10	120	6855.080	6525 to 6875	Pass
						30	120	6855.060	6525 to 6875	Pass
						40	120	6855.000	6525 to 6875	Pass
						50	120	6855.100	6525 to 6875	Pass
						102	6565.080	6525 to 6875	Pass	
			6685	RU484	Left	20	120	6565.080	6525 to 6875	Pass
						138	6565.080	6525 to 6875	Pass	
						-30	120	6565.080	6525 to 6875	Pass
						-20	120	6565.040	6525 to 6875	Pass
						-10	120	6565.080	6525 to 6875	Pass
						0	120	6565.000	6525 to 6875	Pass
			6685	RU484	Left	10	120	6565.040	6525 to 6875	Pass
						30	120	6565.080	6525 to 6875	Pass
						40	120	6565.040	6525 to 6875	Pass
						50	120	6565.040	6525 to 6875	Pass
						102	6685.000	6525 to 6875	Pass	
						20	120	6685.120	6525 to 6875	Pass
						138	6685.080	6525 to 6875	Pass	
						-30	120	6685.120	6525 to 6875	Pass
						-20	120	6685.080	6525 to 6875	Pass
						-10	120	6685.080	6525 to 6875	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 553 of 615

	6845	RU484	Left	0	120	6685.080	6525 to 6875	Pass	
				10	120	6685.080	6525 to 6875	Pass	
				30	120	6685.040	6525 to 6875	Pass	
				40	120	6685.120	6525 to 6875	Pass	
				50	120	6685.040	6525 to 6875	Pass	
				20	102	6845.040	6525 to 6875	Pass	
					120	6845.120	6525 to 6875	Pass	
					138	6845.080	6525 to 6875	Pass	
					-30	120	6845.080	6525 to 6875	Pass
				-20	120	6845.080	6525 to 6875	Pass	
				-10	120	6845.080	6525 to 6875	Pass	
				0	120	6845.040	6525 to 6875	Pass	
				10	120	6845.080	6525 to 6875	Pass	
				30	120	6845.080	6525 to 6875	Pass	
				40	120	6845.040	6525 to 6875	Pass	
				50	120	6845.040	6525 to 6875	Pass	
802.11ax (HEW80)	MIMO	6625	RU996	Left	20	102	6625.075	6525 to 6875	Pass
						120	6625.000	6525 to 6875	Pass
						138	6625.000	6525 to 6875	Pass
					-30	120	6625.000	6525 to 6875	Pass
					-20	120	6625.000	6525 to 6875	Pass
					-10	120	6625.000	6525 to 6875	Pass
					0	120	6625.000	6525 to	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 554 of 615

							6875					
						10	120	6625.150	6525 to 6875	Pass		
						30	120	6625.000	6525 to 6875	Pass		
						40	120	6625.075	6525 to 6875	Pass		
						50	120	6625.075	6525 to 6875	Pass		
							102	6705.075	6525 to 6875	Pass		
							20	120	6705.075	6525 to 6875	Pass	
								138	6705.000	6525 to 6875	Pass	
								-30	120	6705.075	6525 to 6875	Pass
								-20	120	6705.075	6525 to 6875	Pass
								-10	120	6705.075	6525 to 6875	Pass
								0	120	6705.075	6525 to 6875	Pass
								10	120	6705.075	6525 to 6875	Pass
								30	120	6705.150	6525 to 6875	Pass
								40	120	6705.075	6525 to 6875	Pass
								50	120	6705.000	6525 to 6875	Pass
							102	6785.000	6525 to 6875	Pass		
							20	120	6785.000	6525 to 6875	Pass	
								138	6785.075	6525 to 6875	Pass	
								-30	120	6785.000	6525 to 6875	Pass
								-20	120	6785.000	6525 to 6875	Pass
								-10	120	6785.000	6525 to 6875	Pass
								0	120	6785.000	6525 to 6875	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 555 of 615

802.11ax (HEW160)	MIMO	6665	2xRU996	Left	10	120	6785.000	6525 to 6875	Pass
					30	120	6785.075	6525 to 6875	Pass
					40	120	6785.000	6525 to 6875	Pass
					50	120	6784.925	6525 to 6875	Pass
					20	102	6665.000	6525 to 6875	Pass
						120	6665.000	6525 to 6875	Pass
						138	6665.000	6525 to 6875	Pass
					-30	120	6665.000	6525 to 6875	Pass
					-20	120	6665.000	6525 to 6875	Pass
					-10	120	6665.000	6525 to 6875	Pass
					0	120	6665.000	6525 to 6875	Pass
					10	120	6665.000	6525 to 6875	Pass
					30	120	6665.075	6525 to 6875	Pass
					40	120	6665.000	6525 to 6875	Pass
					50	120	6665.000	6525 to 6875	Pass

5.1.4 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	MIMO	6895	/	/	20	102	6895.100	6875 to 7125	Pass
							120	6895.060	6875 to 7125	Pass
							138	6895.040	6875 to 7125	Pass
							-30	6895.060	6875 to 7125	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 556 of 615

	6995	/	/	-20	120	6895.060	6875 to 7125	Pass
				-10	120	6895.060	6875 to 7125	Pass
				0	120	6895.060	6875 to 7125	Pass
				10	120	6895.060	6875 to 7125	Pass
				30	120	6895.060	6875 to 7125	Pass
				40	120	6895.060	6875 to 7125	Pass
				50	120	6895.060	6875 to 7125	Pass
				20	102	6995.080	6875 to 7125	Pass
					120	6995.040	6875 to 7125	Pass
					138	6995.080	6875 to 7125	Pass
				-30	120	6995.060	6875 to 7125	Pass
				-20	120	6995.060	6875 to 7125	Pass
				-10	120	6995.060	6875 to 7125	Pass
				0	120	6995.060	6875 to 7125	Pass
				10	120	6995.080	6875 to 7125	Pass
				30	120	6995.060	6875 to 7125	Pass
				40	120	6995.060	6875 to 7125	Pass
				50	120	6995.080	6875 to 7125	Pass
7115	/	/	/	20	102	7115.060	6875 to 7125	Pass
					120	7115.120	6875 to 7125	Pass
					138	7115.080	6875 to 7125	Pass
				-30	120	7115.060	6875 to 7125	Pass
				-20	120	7115.060	6875 to	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 557 of 615

802.11ax (HEW20)	MIMO	6895	RU242	Left				7125	
					-10	120	7115.080	6875 to 7125	Pass
					0	120	7115.080	6875 to 7125	Pass
					10	120	7115.080	6875 to 7125	Pass
					30	120	7115.080	6875 to 7125	Pass
					40	120	7115.060	6875 to 7125	Pass
					50	120	7115.060	6875 to 7125	Pass
					102		6895.040	6875 to 7125	Pass
					20	120	6895.080	6875 to 7125	Pass
					138		6895.060	6875 to 7125	Pass
					-30	120	6895.060	6875 to 7125	Pass
					-20	120	6895.060	6875 to 7125	Pass
					-10	120	6895.080	6875 to 7125	Pass
					0	120	6895.100	6875 to 7125	Pass
					10	120	6895.080	6875 to 7125	Pass
					30	120	6895.120	6875 to 7125	Pass
					40	120	6895.040	6875 to 7125	Pass
					50	120	6895.100	6875 to 7125	Pass
					102		6995.020	6875 to 7125	Pass
					20	120	6995.060	6875 to 7125	Pass
					138		6995.080	6875 to 7125	Pass
					-30	120	6995.020	6875 to 7125	Pass
					-20	120	6995.060	6875 to 7125	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 558 of 615

	7115	RU242	Left	-10	120	6994.980	6875 to 7125	Pass	
				0	120	6995.020	6875 to 7125	Pass	
				10	120	6995.080	6875 to 7125	Pass	
				30	120	6995.060	6875 to 7125	Pass	
				40	120	6995.060	6875 to 7125	Pass	
				50	120	6995.060	6875 to 7125	Pass	
				20	102	7115.080	6875 to 7125	Pass	
					120	7115.080	6875 to 7125	Pass	
					138	7115.060	6875 to 7125	Pass	
				-30	120	7115.060	6875 to 7125	Pass	
				-20	120	7115.040	6875 to 7125	Pass	
				-10	120	7115.100	6875 to 7125	Pass	
				0	120	7115.020	6875 to 7125	Pass	
				10	120	7115.040	6875 to 7125	Pass	
				30	120	7115.060	6875 to 7125	Pass	
				40	120	7115.120	6875 to 7125	Pass	
				50	120	7115.060	6875 to 7125	Pass	
802.11ax (HEW40)	MIMO	6925	RU484	Left	20	102	6925.080	6875 to 7125	Pass
						120	6925.080	6875 to 7125	Pass
						138	6925.040	6875 to 7125	Pass
					-30	120	6925.080	6875 to 7125	Pass
					-20	120	6925.000	6875 to 7125	Pass
					-10	120	6925.120	6875 to	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 559 of 615

						7125	
				0	120	6925.080	6875 to 7125 Pass
				10	120	6925.040	6875 to 7125 Pass
				30	120	6925.040	6875 to 7125 Pass
				40	120	6925.040	6875 to 7125 Pass
				50	120	6925.080	6875 to 7125 Pass
					102	7005.040	6875 to 7125 Pass
					120	7005.080	6875 to 7125 Pass
					138	7005.040	6875 to 7125 Pass
					-30	120	7005.080
					-20	120	7005.040
					-10	120	7005.040
					0	120	7005.040
					10	120	7005.040
					30	120	7005.000
					40	120	7005.040
					50	120	7005.040
					102	7085.040	6875 to 7125 Pass
					120	7085.000	6875 to 7125 Pass
					138	7085.040	6875 to 7125 Pass
					-30	120	7085.040
					-20	120	7085.080
					-10	120	7085.040

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Report No.: SZCR250300112106

Page: 560 of 615

802.11ax (HEW80)	MIMO	6945	RU996	Left	0	120	7085.080	6875 to 7125	Pass		
					10	120	7085.040	6875 to 7125	Pass		
					30	120	7085.040	6875 to 7125	Pass		
					40	120	7085.040	6875 to 7125	Pass		
					50	120	7085.080	6875 to 7125	Pass		
					20	102	6945.075	6875 to 7125	Pass		
						120	6945.075	6875 to 7125	Pass		
						138	6945.000	6875 to 7125	Pass		
						-30	120	6945.075	6875 to 7125	Pass	
					-20	120	6945.150	6875 to 7125	Pass		
						-10	120	6945.000	6875 to 7125	Pass	
						0	120	6945.075	6875 to 7125	Pass	
						10	120	6945.000	6875 to 7125	Pass	
					30	120	6945.000	6875 to 7125	Pass		
						40	120	6945.000	6875 to 7125	Pass	
						50	120	6945.000	6875 to 7125	Pass	
						7025	102	7025.000	6875 to 7125	Pass	
							120	7025.075	6875 to 7125	Pass	
							138	7025.000	6875 to 7125	Pass	
							-30	120	7025.075	6875 to 7125	Pass
							-20	120	7025.000	6875 to 7125	Pass
							-10	120	7025.000	6875 to 7125	Pass
							0	120	7025.000	6875 to	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 561 of 615

802.11ax (HEW160)	MIMO	6985	2xRU996	Left				7125	
					10	120	7025.000	6875 to 7125	Pass
					30	120	7025.075	6875 to 7125	Pass
					40	120	7025.000	6875 to 7125	Pass
					50	120	7025.000	6875 to 7125	Pass
					20	102	6985.000	6875 to 7125	Pass
						120	6985.000	6875 to 7125	Pass
						138	6985.000	6875 to 7125	Pass
					-30	120	6985.000	6875 to 7125	Pass
					-20	120	6985.000	6875 to 7125	Pass
					-10	120	6984.925	6875 to 7125	Pass
					0	120	6985.000	6875 to 7125	Pass
					10	120	6985.000	6875 to 7125	Pass
					30	120	6985.000	6875 to 7125	Pass
					40	120	6985.075	6875 to 7125	Pass
					50	120	6985.075	6875 to 7125	Pass

5.1.5 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	MIMO	6875	/	/	20	102	6875.060	6525 to 7125	Pass
							120	6875.060	6525 to 7125	Pass
							138	6875.060	6525 to 7125	Pass
						-30	120	6875.080	6525 to	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 562 of 615

							7125			
						-20	120	6875.080	6525 to 7125	Pass
						-10	120	6875.060	6525 to 7125	Pass
						0	120	6875.060	6525 to 7125	Pass
						10	120	6875.060	6525 to 7125	Pass
						30	120	6875.080	6525 to 7125	Pass
						40	120	6875.060	6525 to 7125	Pass
						50	120	6875.040	6525 to 7125	Pass
802.11ax (HEW20)	MIMO	6875	RU242	Left	20	102	6875.040	6525 to 7125	Pass	
						120	6875.000	6525 to 7125	Pass	
						138	6875.060	6525 to 7125	Pass	
					-30	120	6875.040	6525 to 7125	Pass	
					-20	120	6875.060	6525 to 7125	Pass	
					-10	120	6875.040	6525 to 7125	Pass	
					0	120	6875.020	6525 to 7125	Pass	
					10	120	6875.080	6525 to 7125	Pass	
					30	120	6875.060	6525 to 7125	Pass	
					40	120	6875.060	6525 to 7125	Pass	
					50	120	6875.040	6525 to 7125	Pass	
802.11ax (HEW40)	MIMO	6885	RU484	Left	20	102	6885.000	6525 to 7125	Pass	
						120	6885.040	6525 to 7125	Pass	
						138	6885.040	6525 to 7125	Pass	
					-30	120	6885.040	6525 to 7125	Pass	

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 563 of 615

						-20	120	6885.080	6525 to 7125	Pass
						-10	120	6885.000	6525 to 7125	Pass
						0	120	6885.000	6525 to 7125	Pass
						10	120	6885.080	6525 to 7125	Pass
						30	120	6885.040	6525 to 7125	Pass
						40	120	6885.040	6525 to 7125	Pass
						50	120	6885.040	6525 to 7125	Pass
802.11ax (HEW80)	MIMO	6865	RU996	Left	20	102	6864.925	6525 to 7125	Pass	
						120	6865.000	6525 to 7125	Pass	
						138	6865.000	6525 to 7125	Pass	
					-30	120	6865.000	6525 to 7125	Pass	
					-20	120	6865.000	6525 to 7125	Pass	
					-10	120	6865.000	6525 to 7125	Pass	
					0	120	6865.075	6525 to 7125	Pass	
					10	120	6865.000	6525 to 7125	Pass	
					30	120	6864.925	6525 to 7125	Pass	
					40	120	6865.075	6525 to 7125	Pass	
					50	120	6865.000	6525 to 7125	Pass	
802.11ax (HEW160)	MIMO	6825	2xRU996	Left	20	102	6825.000	6525 to 7125	Pass	
						120	6825.075	6525 to 7125	Pass	
						138	6825.000	6525 to 7125	Pass	
					-30	120	6825.000	6525 to 7125	Pass	
					-20	120	6825.000	6525 to 7125	Pass	

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 564 of 615

								7125	
						-10	120	6824.925	6525 to 7125
						0	120	6825.000	6525 to 7125
						10	120	6825.000	6525 to 7125
						30	120	6825.000	6525 to 7125
						40	120	6825.000	6525 to 7125
						50	120	6824.925	6525 to 7125

5.1.6 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	20	102	6525.040	6425 to 6875	Pass
							120	6525.040	6425 to 6875	Pass
							138	6525.040	6425 to 6875	Pass
						-30	120	6525.080	6425 to 6875	Pass
						-20	120	6525.040	6425 to 6875	Pass
						-10	120	6525.000	6425 to 6875	Pass
						0	120	6525.080	6425 to 6875	Pass
						10	120	6525.000	6425 to 6875	Pass
						30	120	6525.080	6425 to 6875	Pass
						40	120	6525.000	6425 to 6875	Pass
						50	120	6525.040	6425 to 6875	Pass
						20	102	6545.075	6425 to 6875	Pass
							120	6545.000	6425 to	Pass

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250300112106

Page: 565 of 615

							6875	
							138	6545.000
							-30	6545.000
							-20	6545.000
							-10	6545.000
							0	6545.000
							10	6545.000
							30	6545.000
							40	6545.000
							50	6545.075
802.11ax (HEW160)	MIMO	6505	2xRU996	Left	20	102	6504.925	6425 to 6875
						120	6505.150	6425 to 6875
						138	6505.000	6425 to 6875
					-30	120	6504.925	6425 to 6875
						120	6505.000	6425 to 6875
						10	6505.075	6425 to 6875
						-10	6505.000	6425 to 6875
						0	6505.000	6425 to 6875
						10	6505.075	6425 to 6875
						30	6505.075	6425 to 6875
						40	6505.075	6425 to 6875
						50	6505.000	6425 to 6875

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6. Emission Mask

6.1 Test Result

6.1.1 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	MIMO	5955	/	/	1	Refer To Test Graph		Pass
			6175	/	/	1	Refer To Test Graph		Pass
			6415	/	/	1	Refer To Test Graph		Pass
	802.11ax (HEW20)	MIMO	5955	RU242	Left	1	Refer To Test Graph		Pass
			6175	RU242	Left	1	Refer To Test Graph		Pass
			6415	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	5965	RU484	Left	1	Refer To Test Graph		Pass
			6165	RU484	Left	1	Refer To Test Graph		Pass
			6405	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	5985	RU996	Left	1	Refer To Test Graph		Pass
			6145	RU996	Left	1	Refer To Test Graph		Pass
			6385	RU996	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW160)	MIMO	6025	2xRU996	Left	1	Refer To Test Graph		Pass
			6185	2xRU996	Left	1	Refer To Test Graph		Pass
			6345	2xRU996	Left	1	Refer To Test Graph		Pass

6.1.2 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	MIMO	6435	/	/	1	Refer To Test Graph		Pass
			6475	/	/	1	Refer To Test Graph		Pass
			6515	/	/	1	Refer To Test Graph		Pass
	802.11ax (HEW20)	MIMO	6435	RU242	Left	1	Refer To Test Graph		Pass
			6475	RU242	Left	1	Refer To Test Graph		Pass
			6515	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	6445	RU484	Left	1	Refer To Test Graph		Pass
			6485	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6465	RU996	Left	1	Refer To Test Graph		Pass



6.1.3 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	MIMO	6535	/	/	1	Refer To Test Graph		Pass
			6695	/	/	1	Refer To Test Graph		Pass
			6855	/	/	1	Refer To Test Graph		Pass
	802.11ax (HEW20)	MIMO	6535	RU242	Left	1	Refer To Test Graph		Pass
			6695	RU242	Left	1	Refer To Test Graph		Pass
			6855	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	6565	RU484	Left	1	Refer To Test Graph		Pass
			6685	RU484	Left	1	Refer To Test Graph		Pass
			6845	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6625	RU996	Left	1	Refer To Test Graph		Pass
			6705	RU996	Left	1	Refer To Test Graph		Pass
			6785	RU996	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	1	Refer To Test Graph		Pass

6.1.4 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	MIMO	6895	/	/	1	Refer To Test Graph		Pass
			6995	/	/	1	Refer To Test Graph		Pass
			7115	/	/	1	Refer To Test Graph		Pass
	802.11ax (HEW20)	MIMO	6895	RU242	Left	1	Refer To Test Graph		Pass
			6995	RU242	Left	1	Refer To Test Graph		Pass
			7115	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	6925	RU484	Left	1	Refer To Test Graph		Pass
			7005	RU484	Left	1	Refer To Test Graph		Pass
			7085	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6945	RU996	Left	1	Refer To Test Graph		Pass
			7025	RU996	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	1	Refer To Test Graph		Pass

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6.1.5 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	MIMO	6875	/	/	1	Refer To Test Graph		Pass
	802.11ax (HEW20)	MIMO	6875	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	1	Refer To Test Graph		Pass

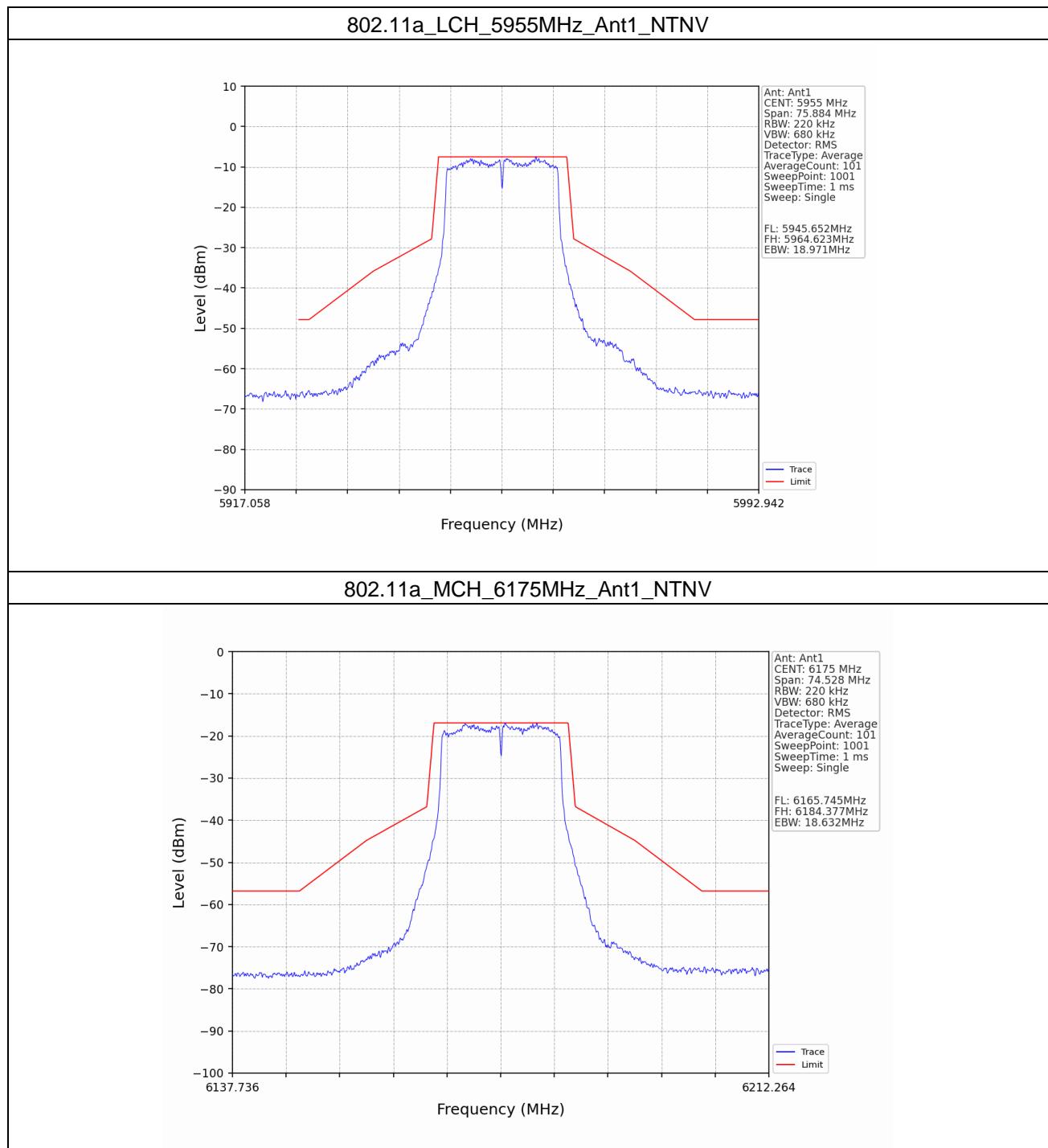
6.1.6 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	1	Refer To Test Graph		Pass



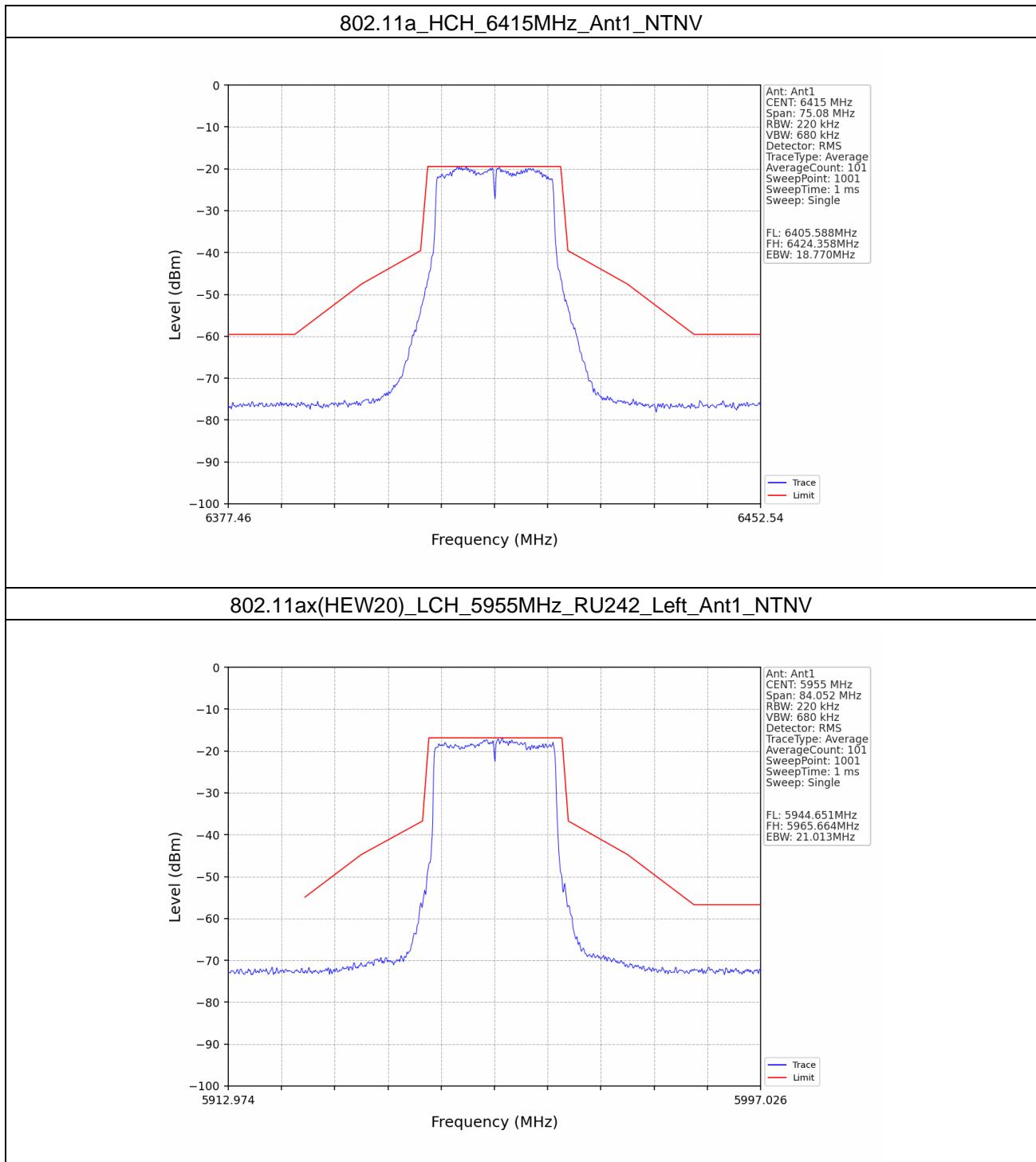
6.2 Test Graph

6.2.1 EMask



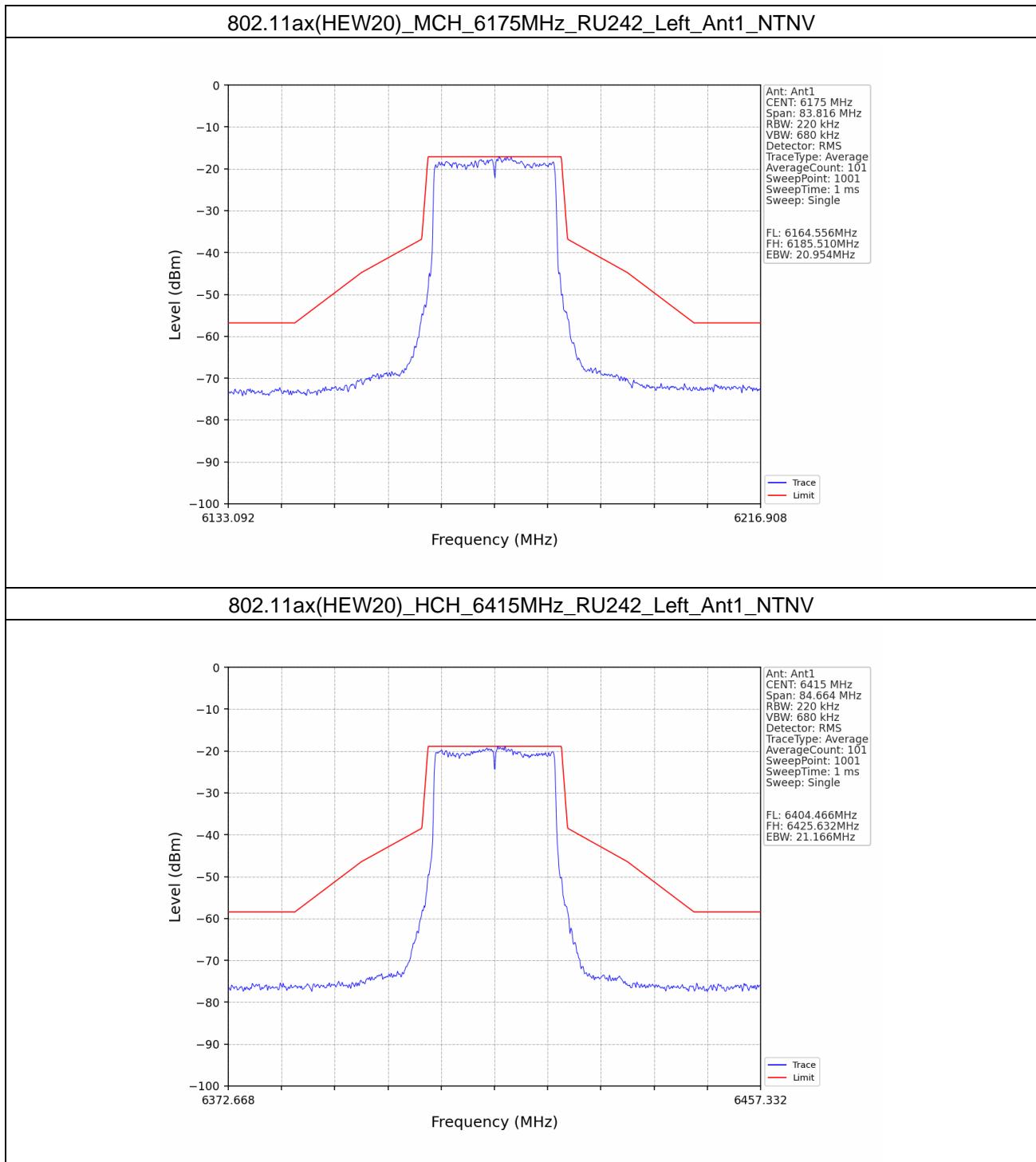
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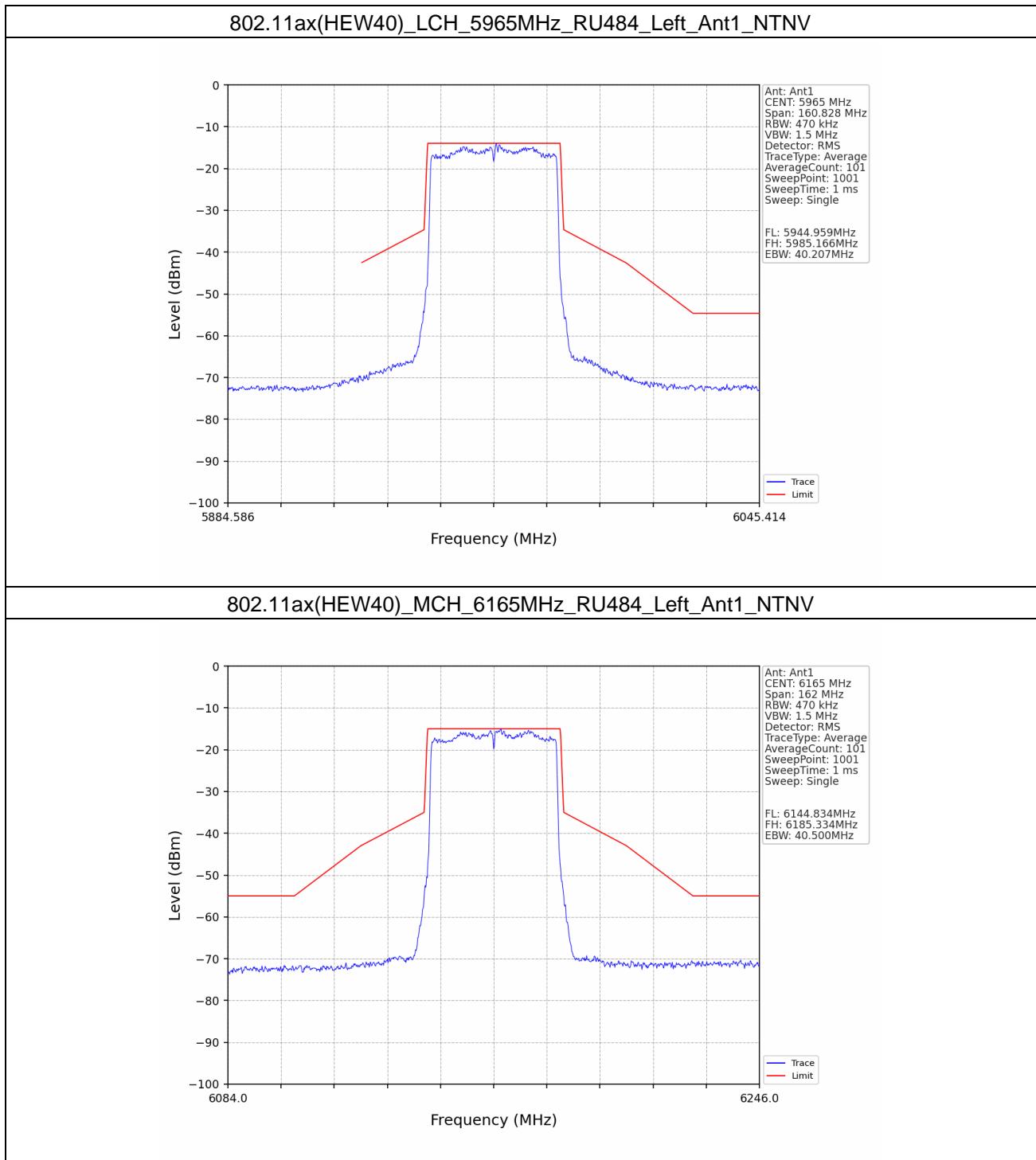
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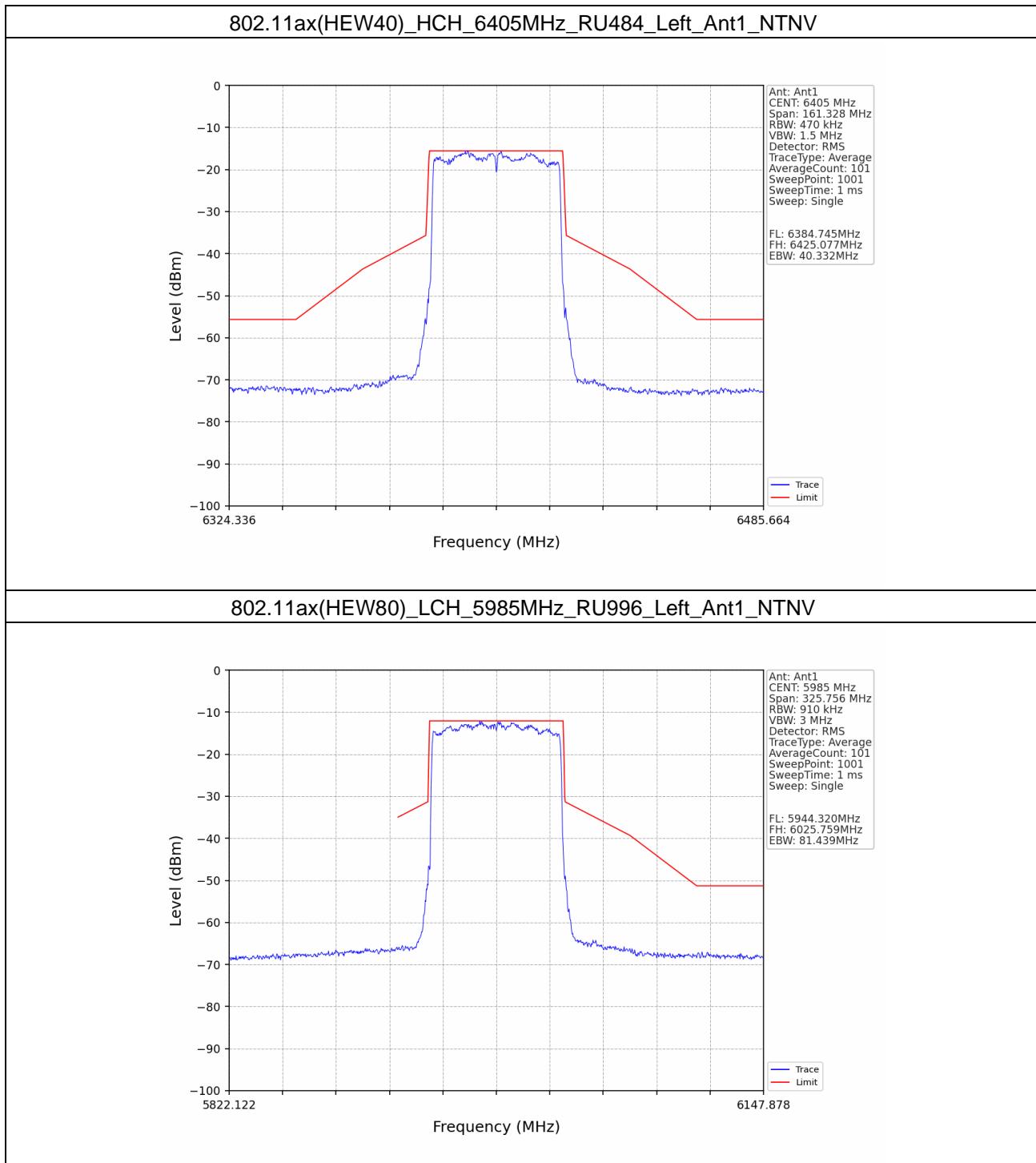
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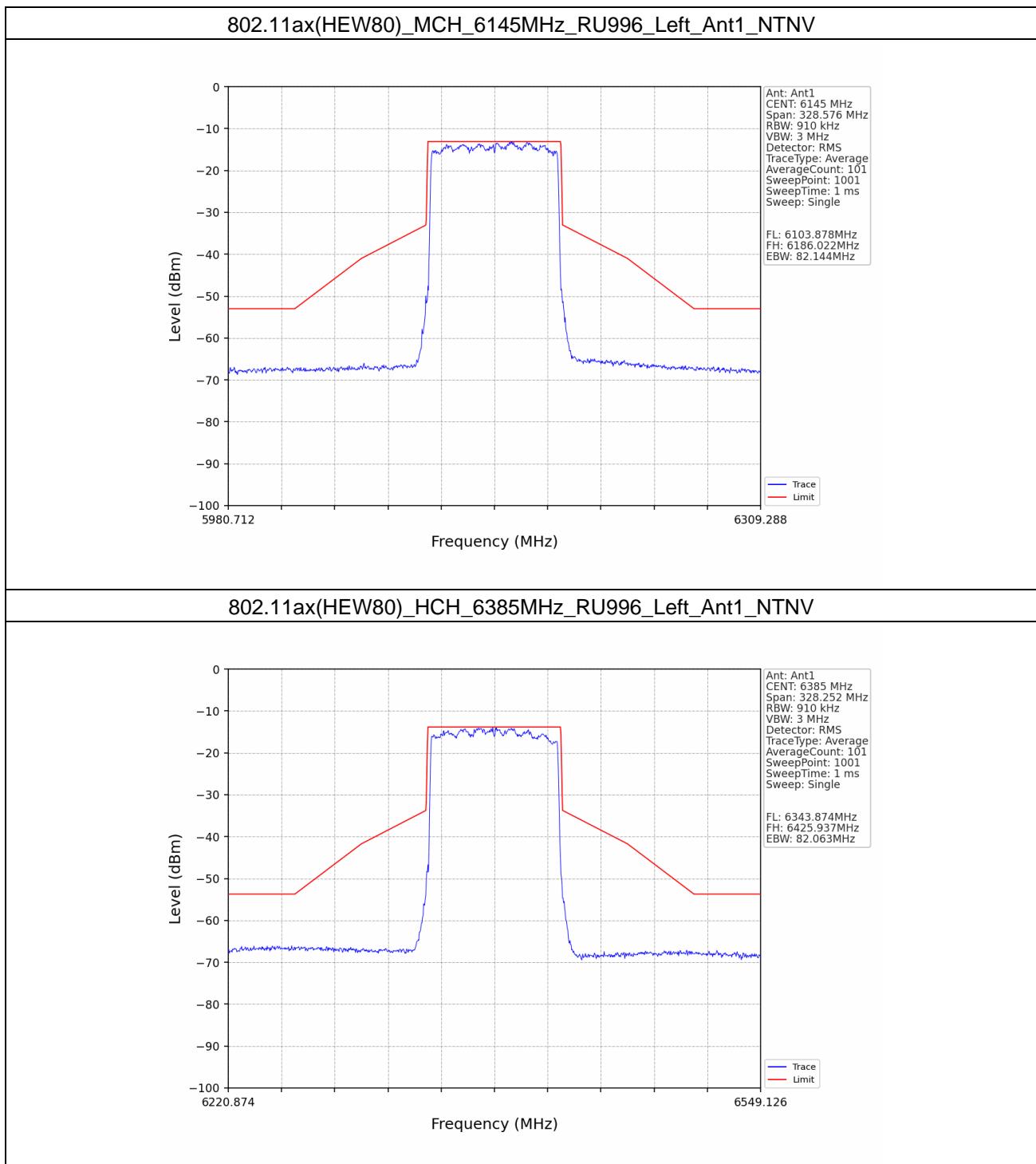


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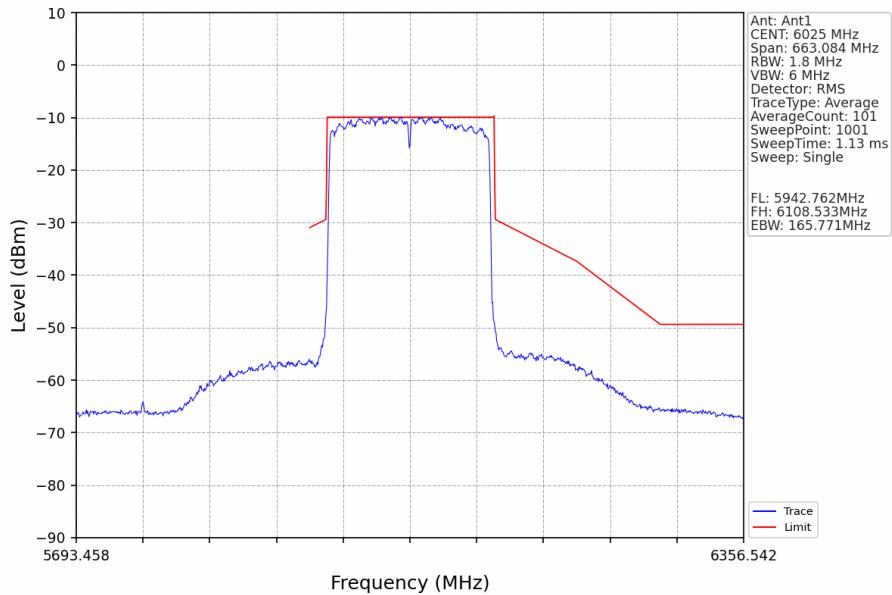
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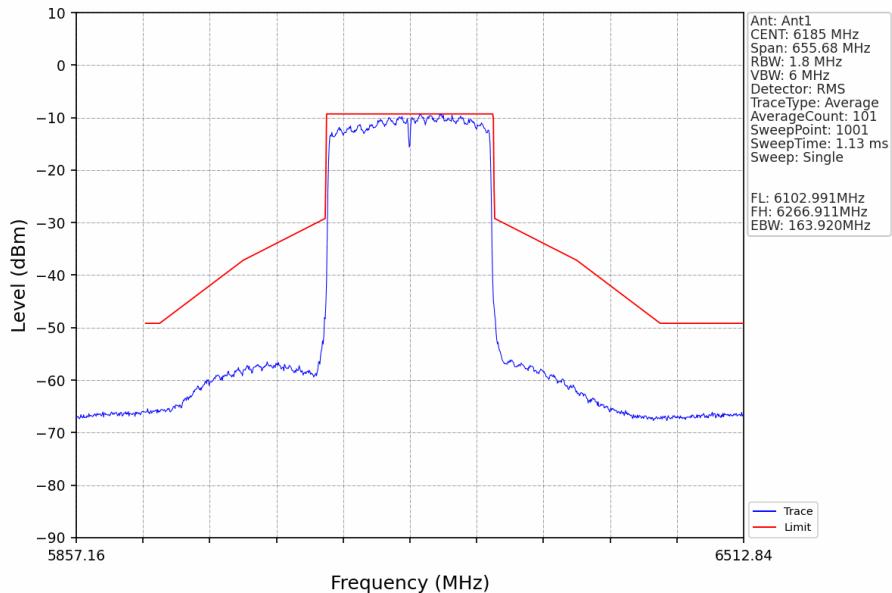
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802.11ax(HEW160)_LCH_6025MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_MCH_6185MHz_2xRU996_Left_Ant1_NTNV



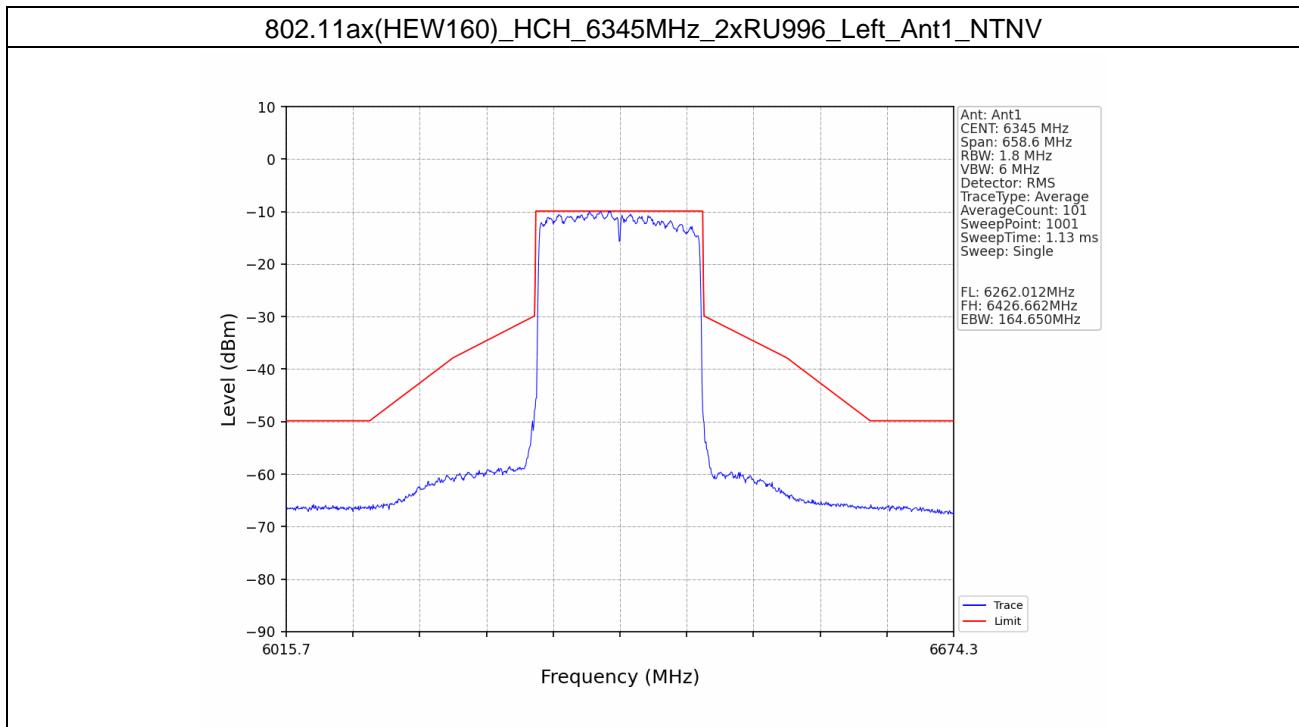
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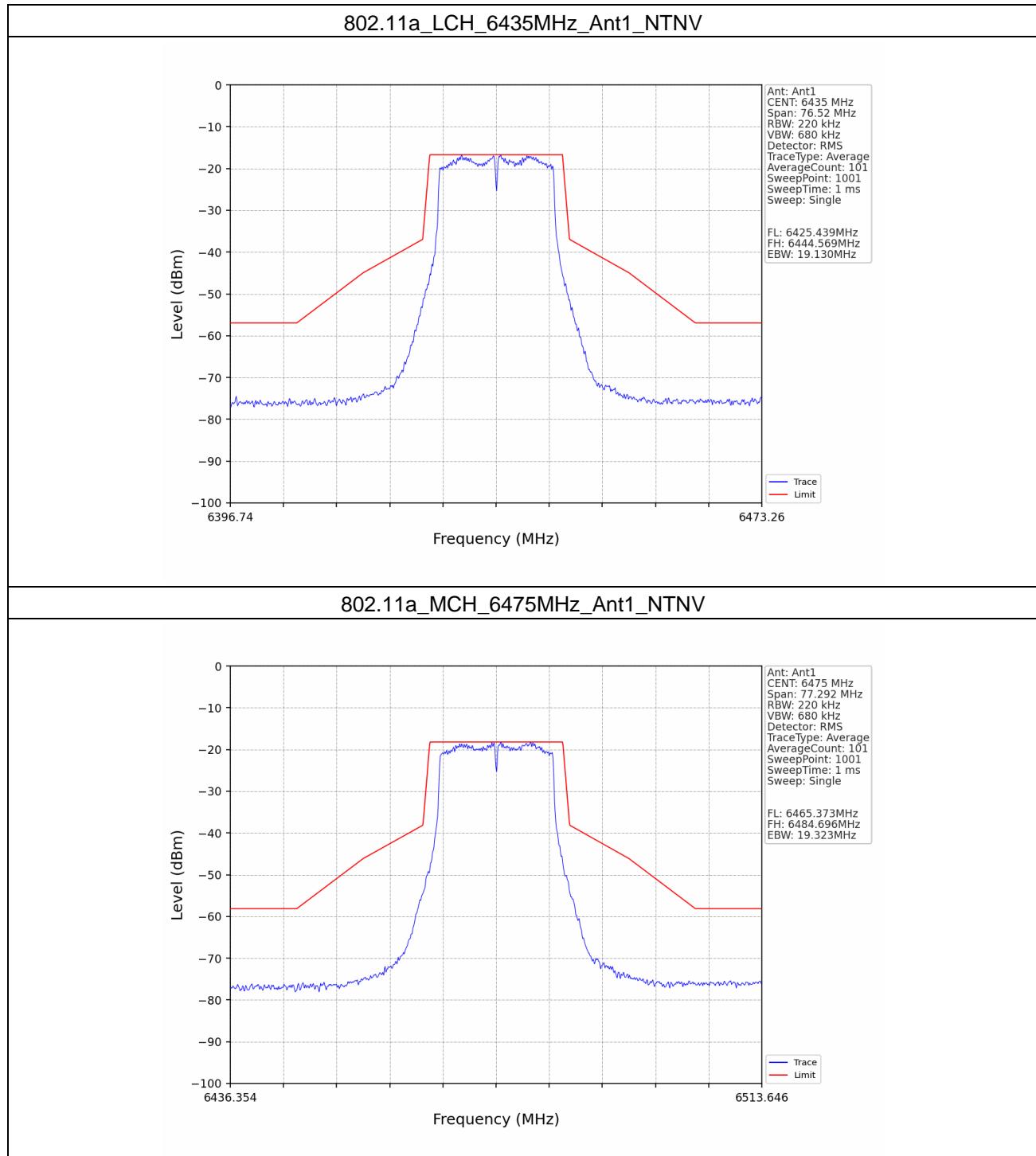


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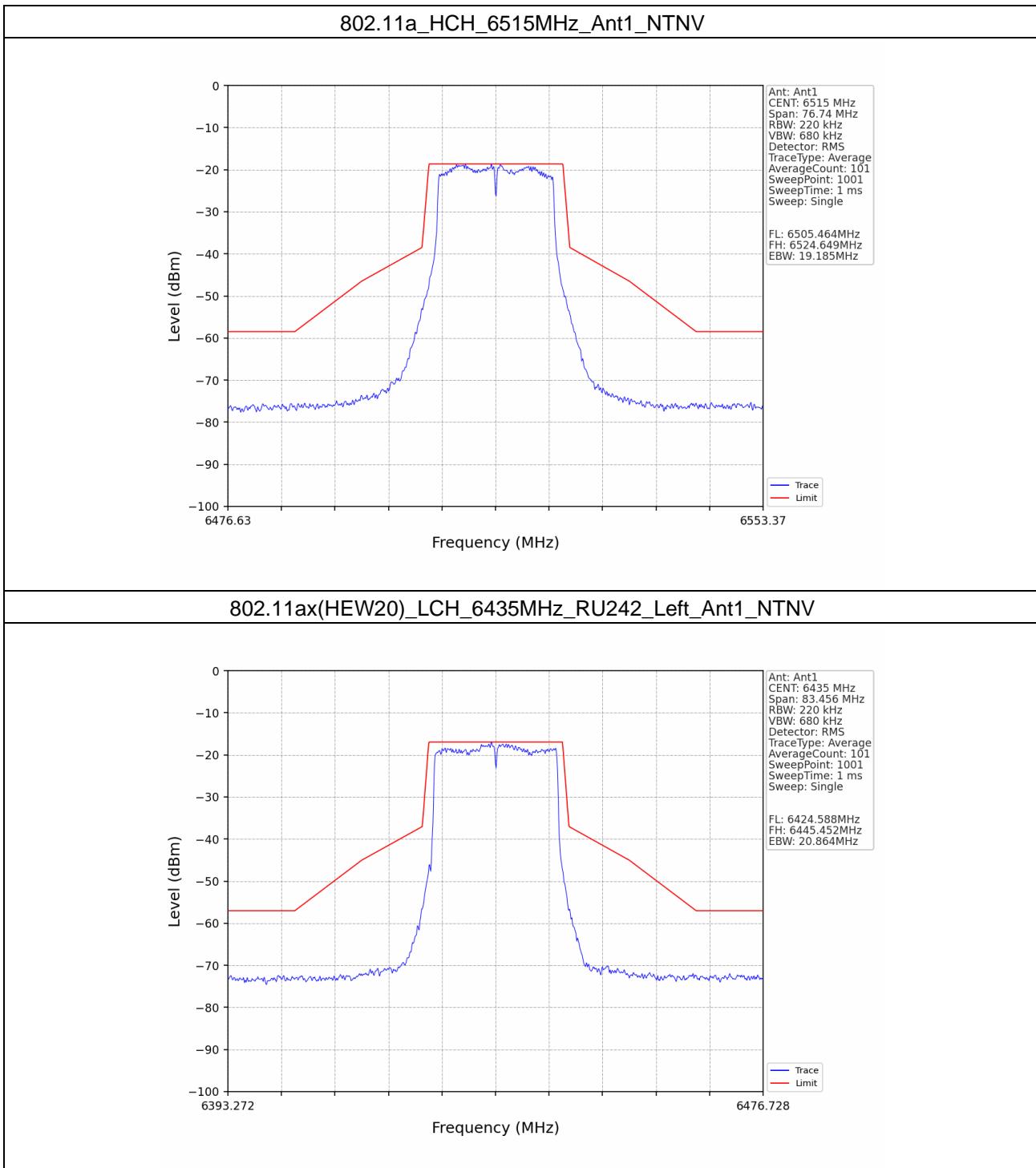
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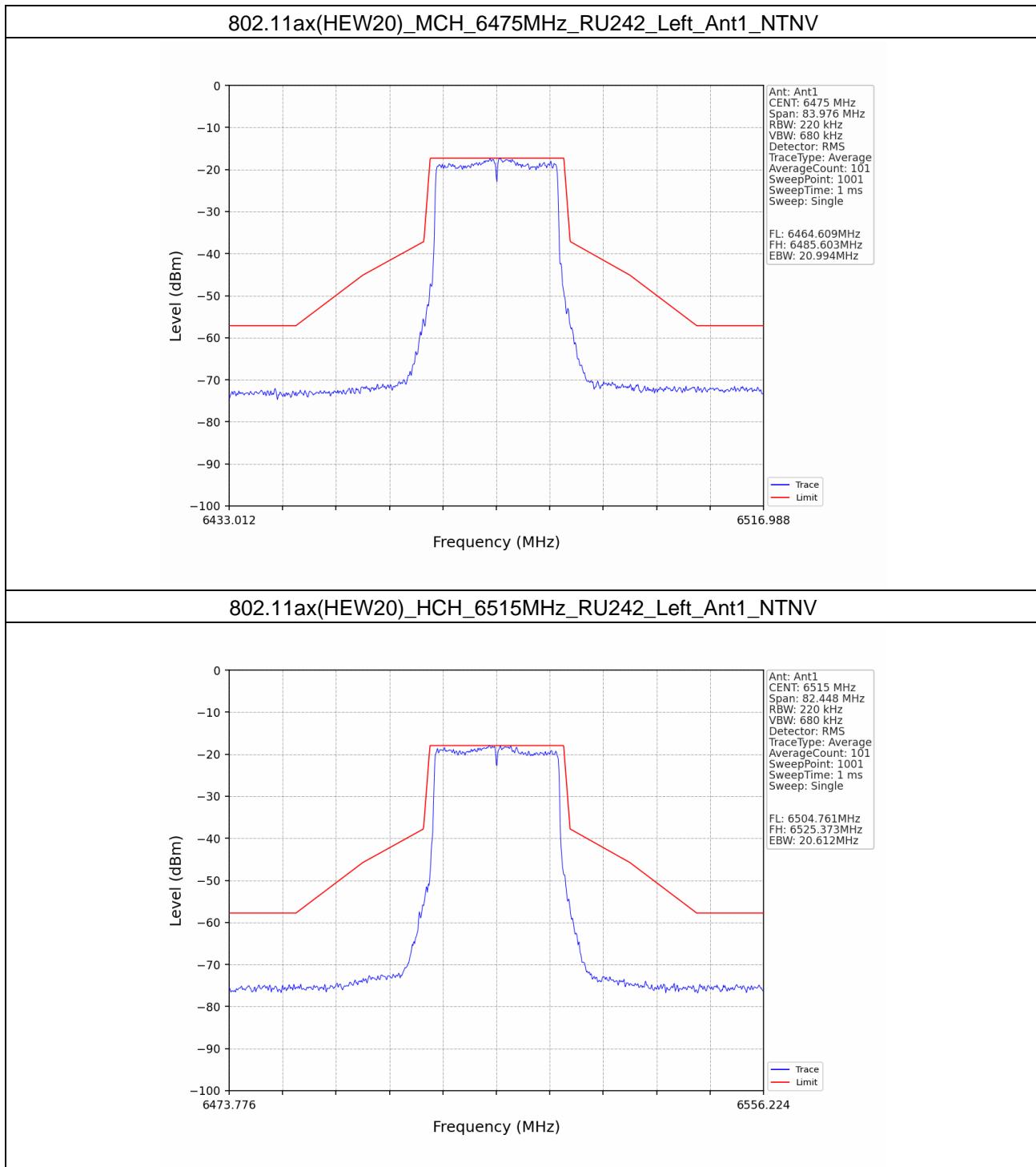
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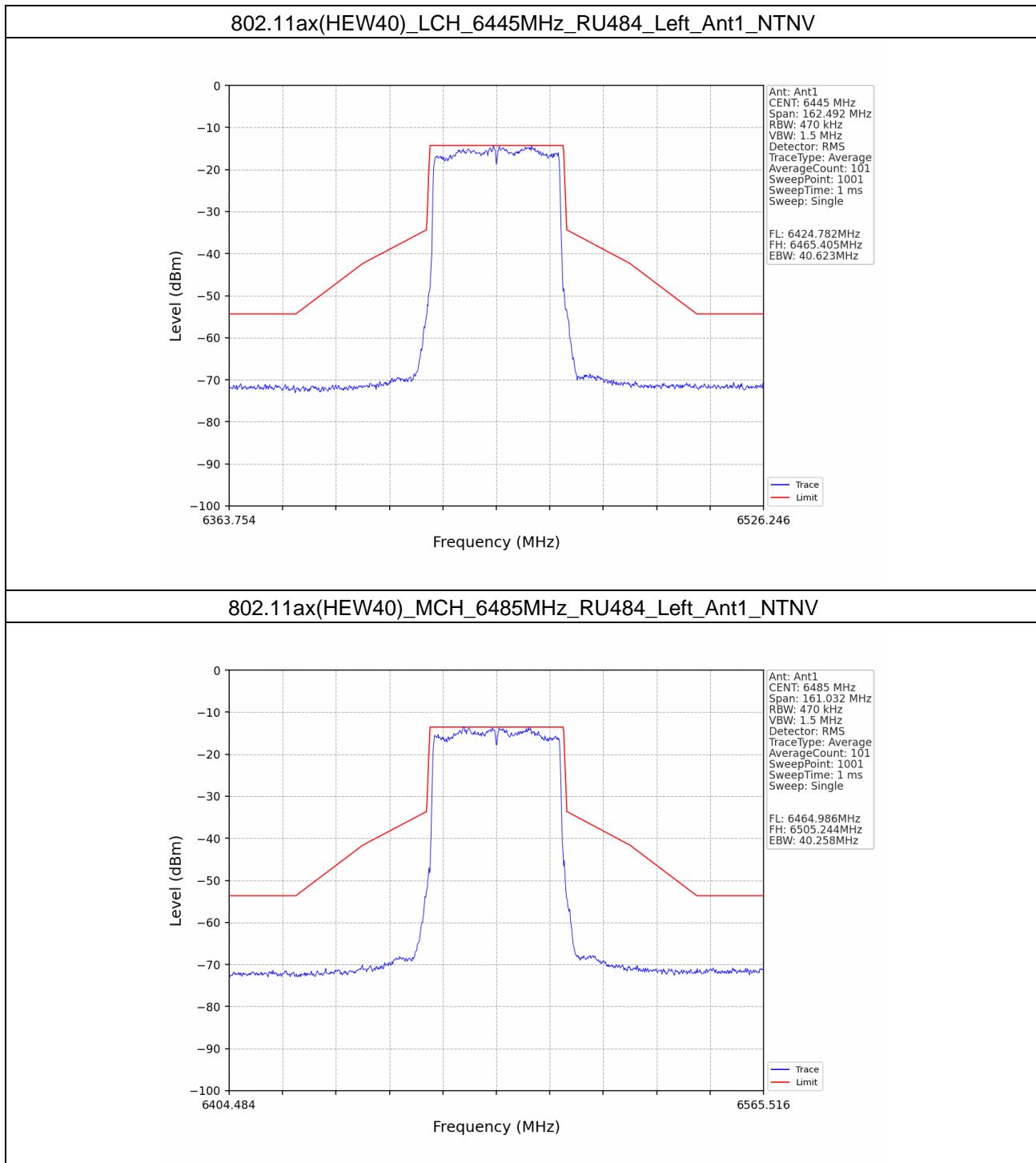
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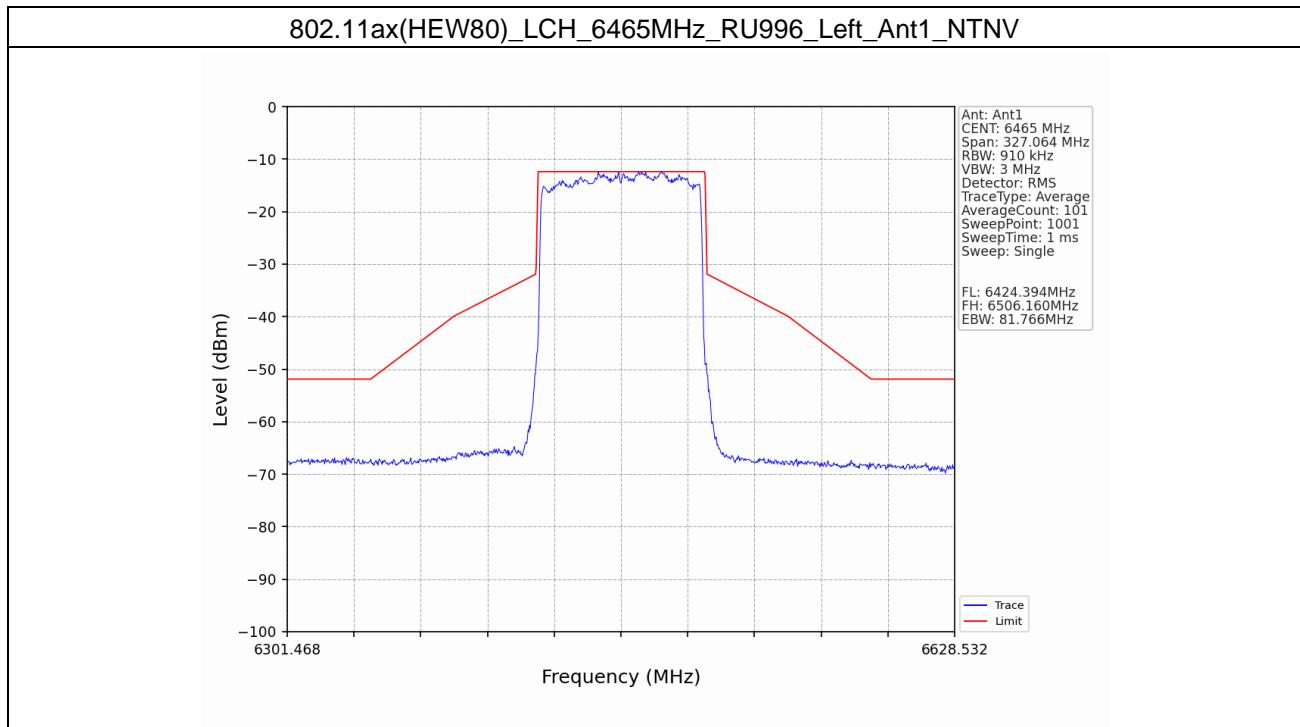
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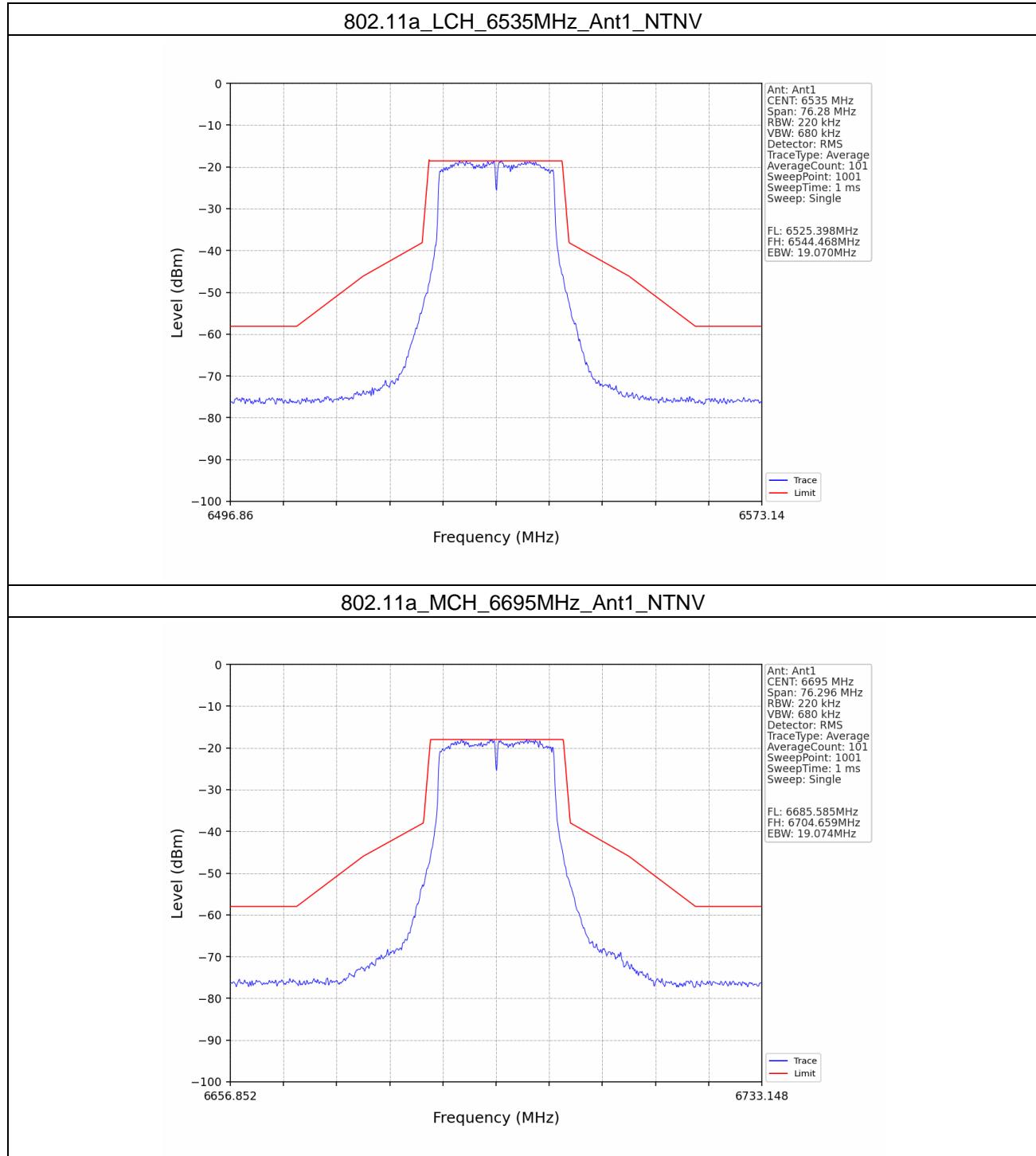
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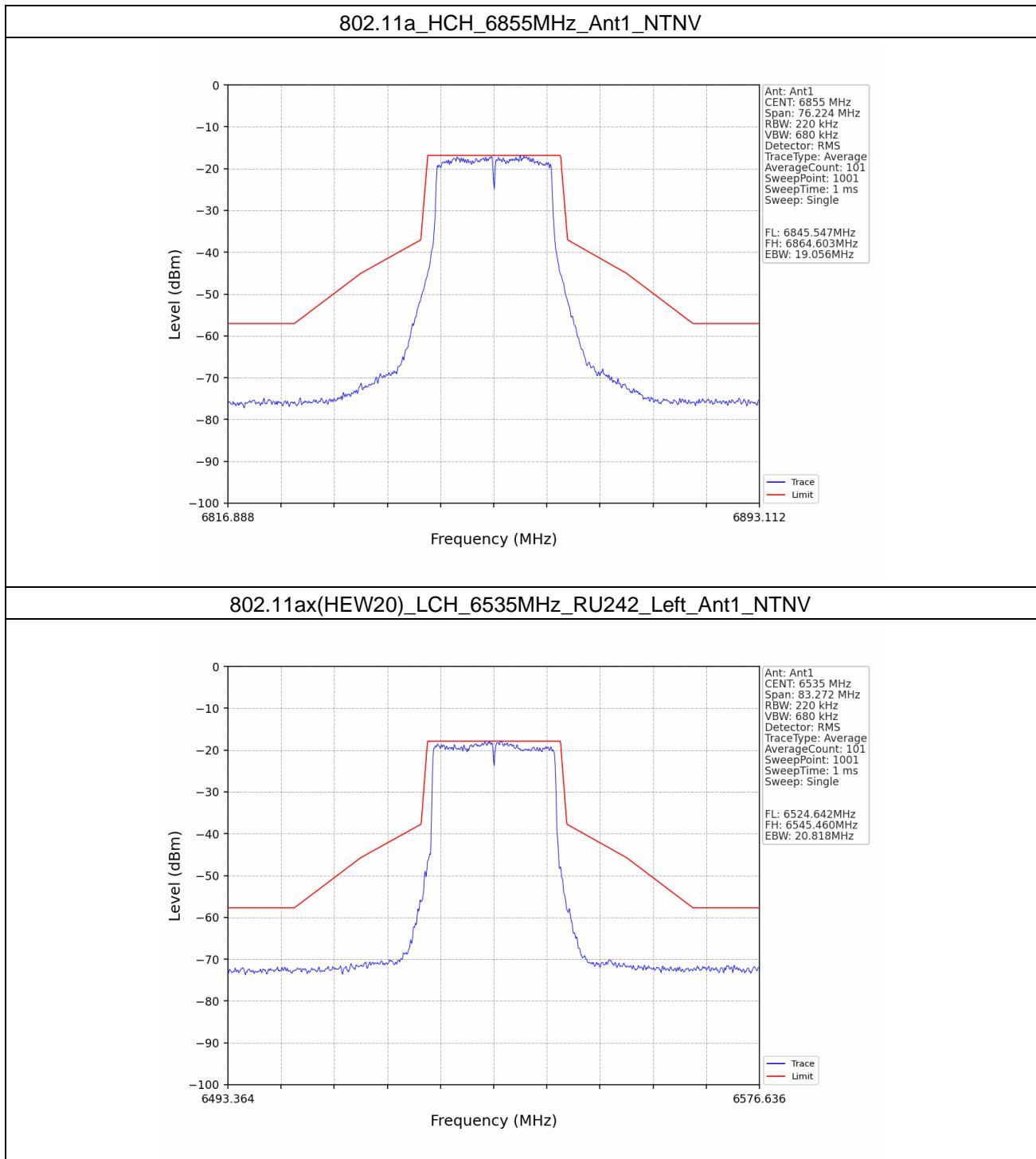
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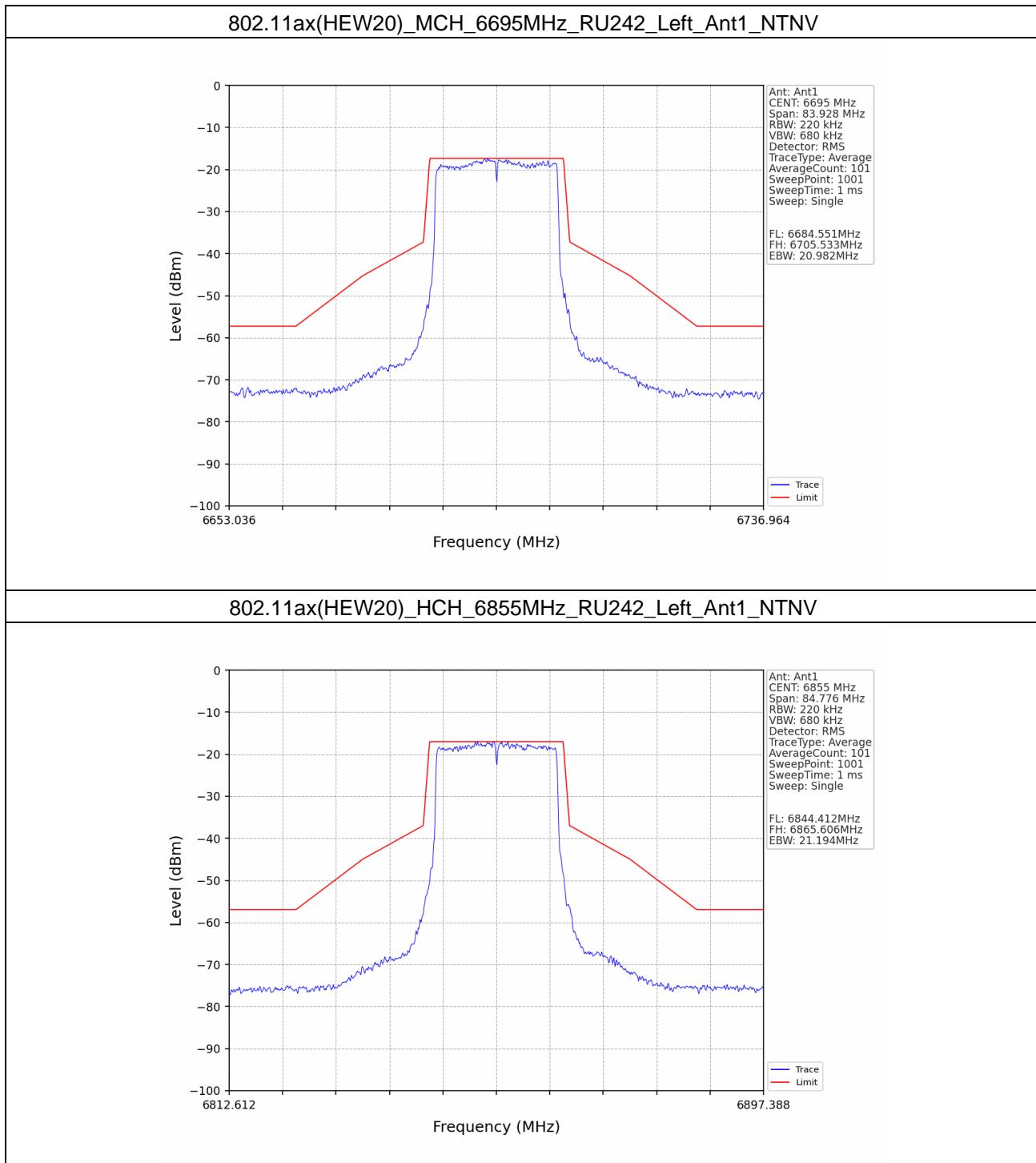


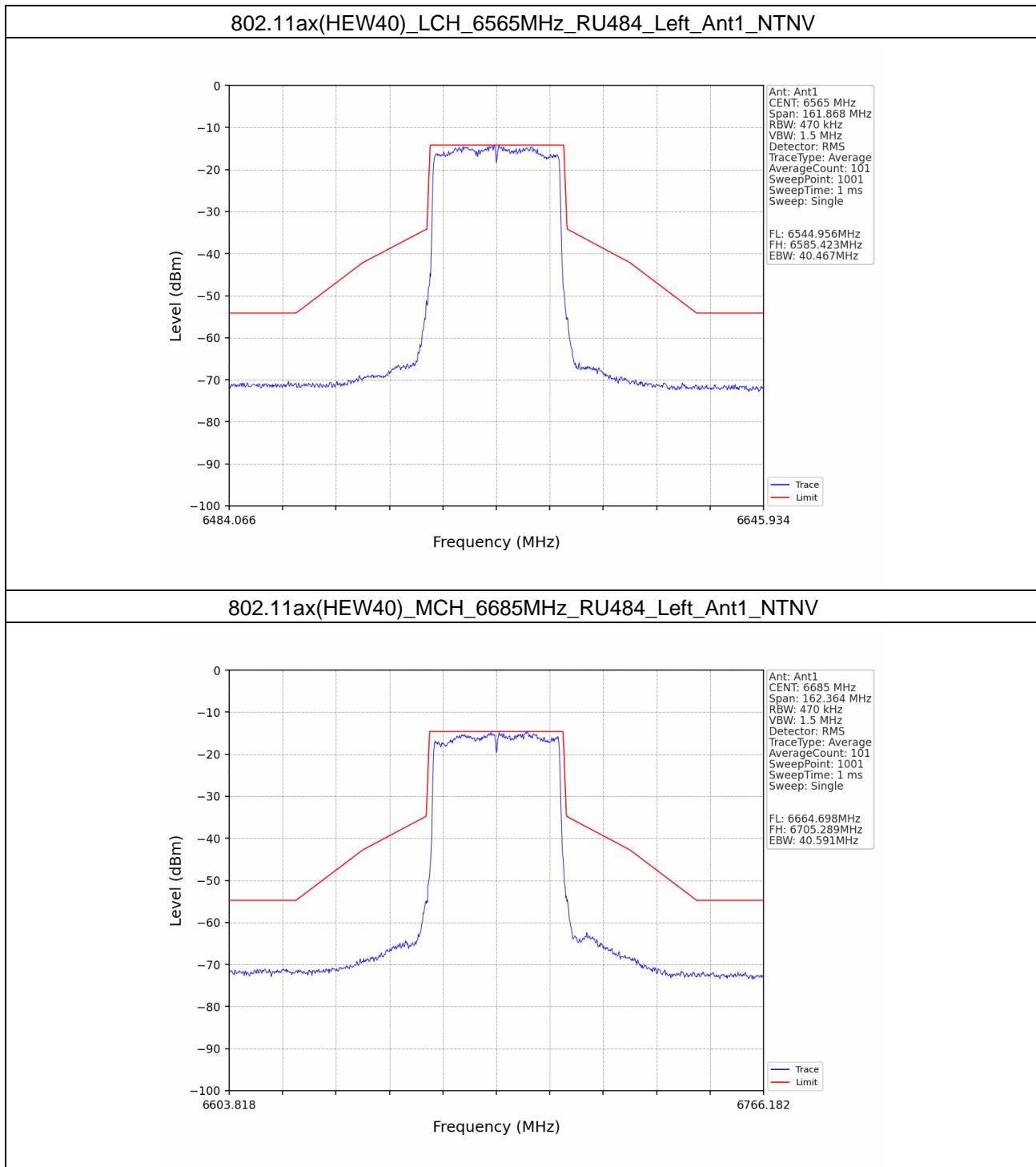
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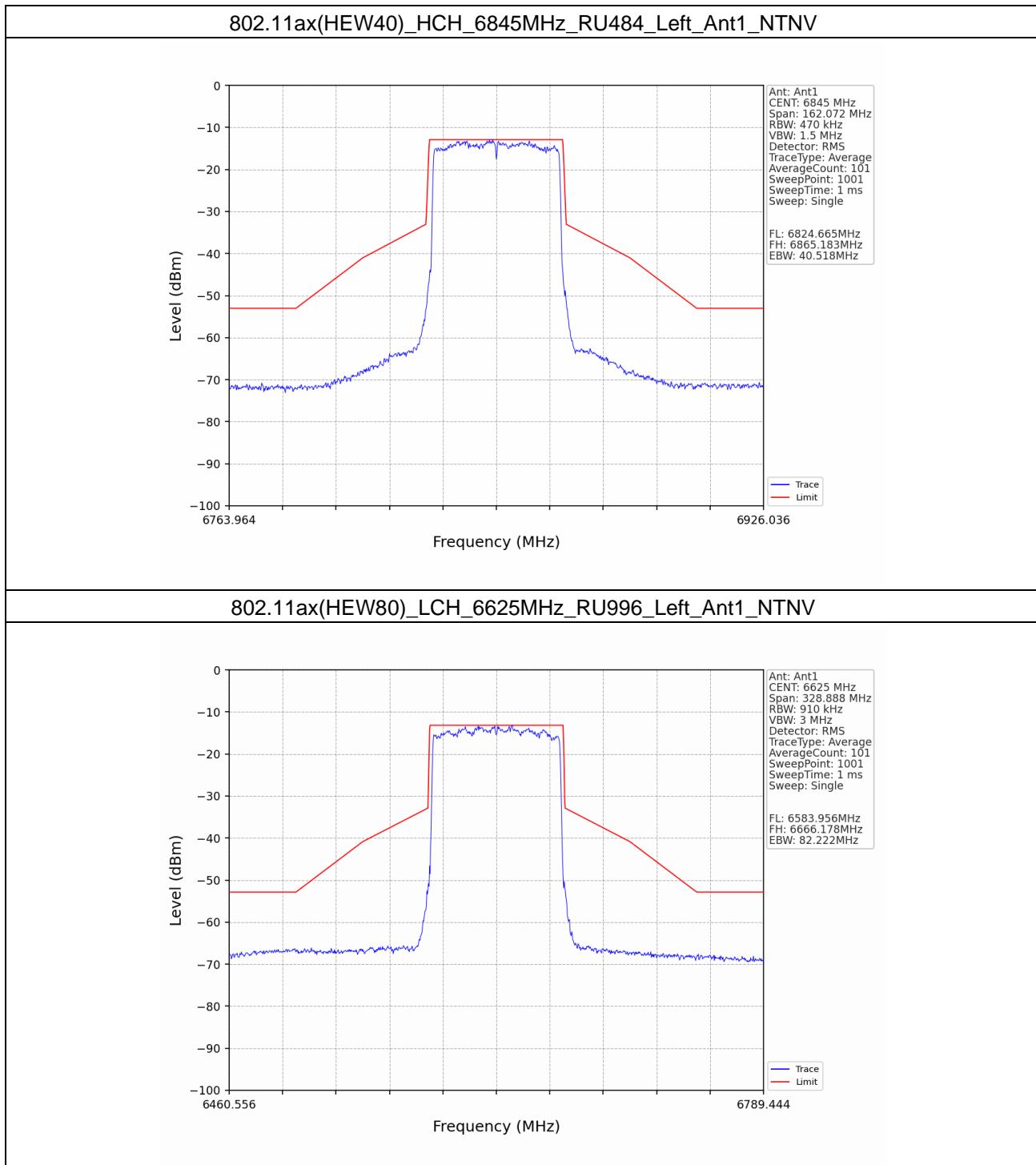






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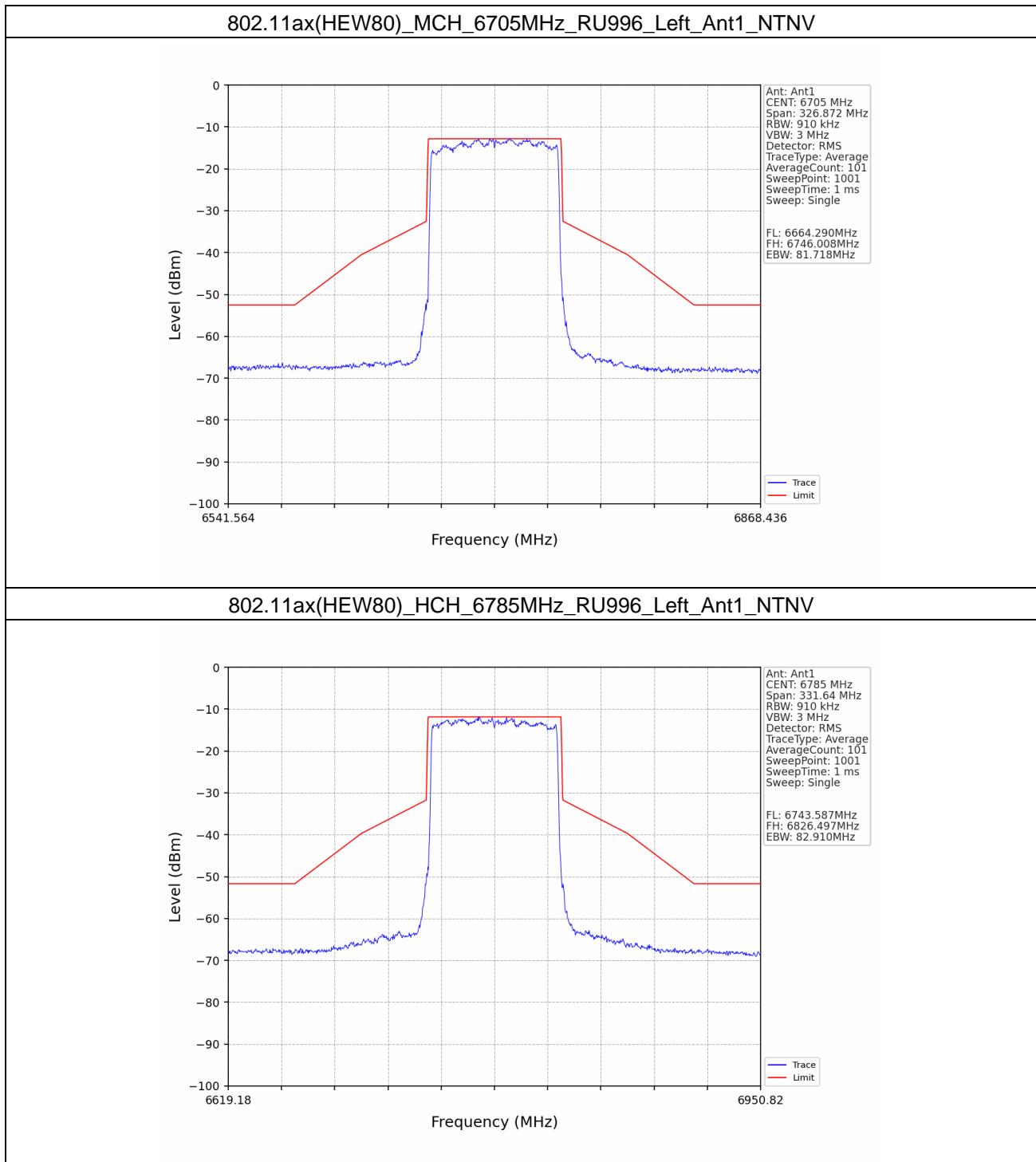
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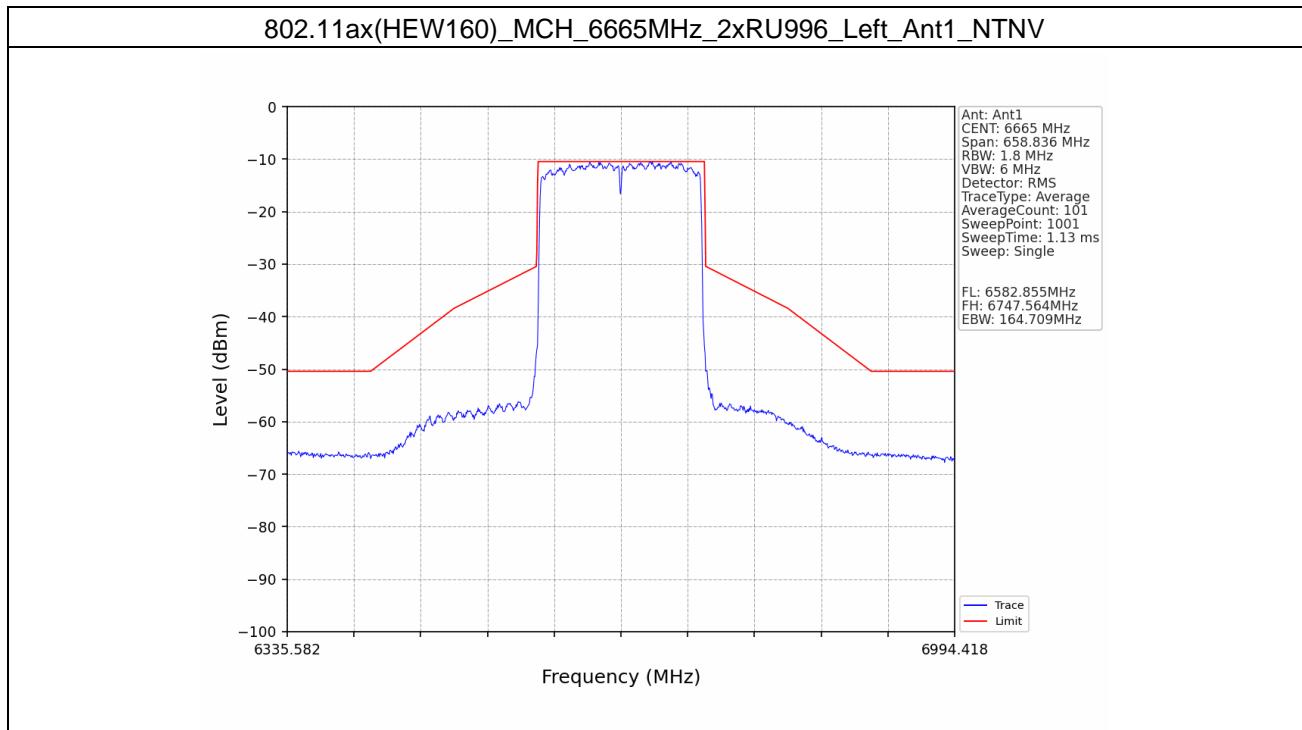
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Report No.: SZCR250300112106

Page: 588 of 615



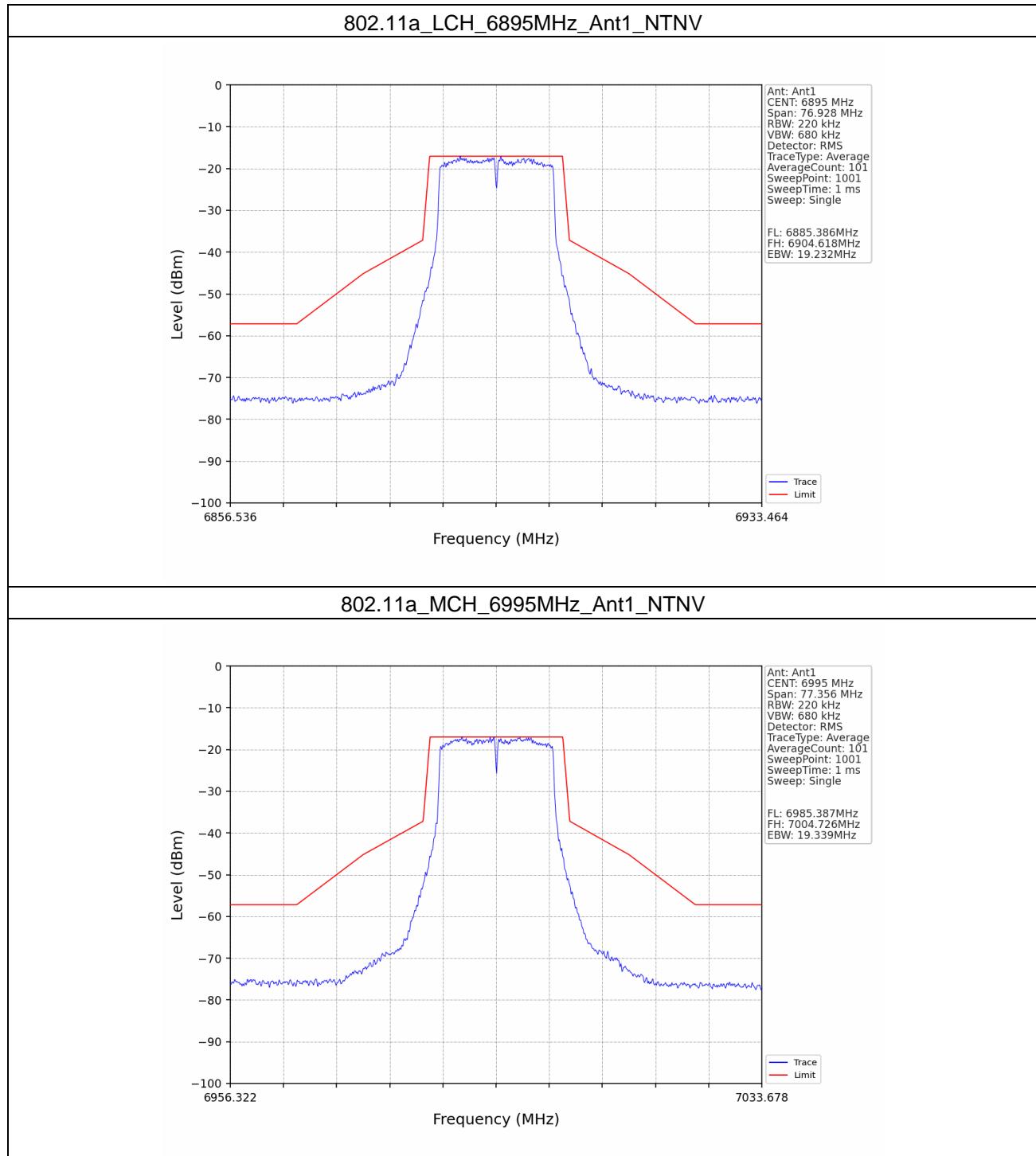
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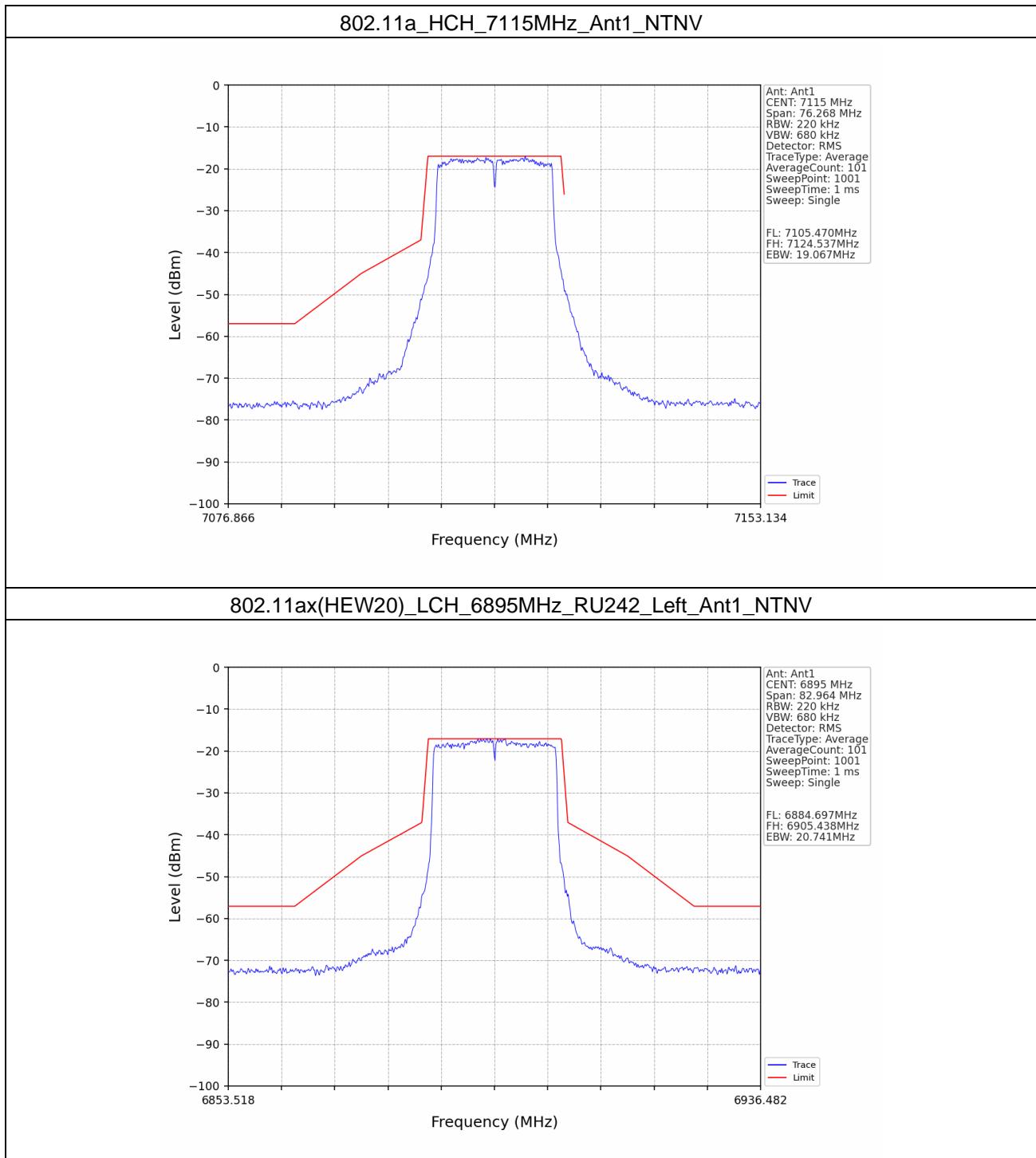
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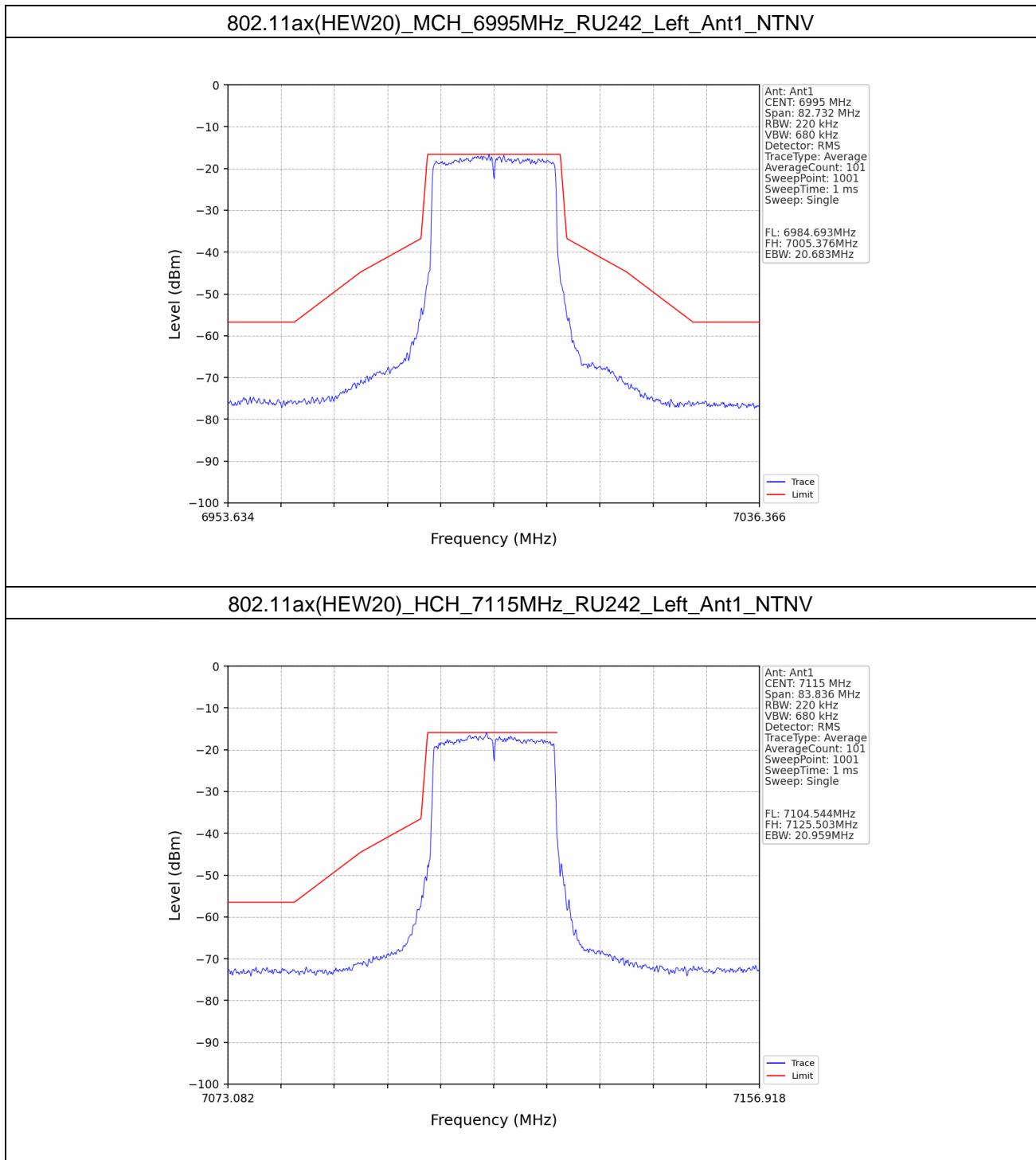
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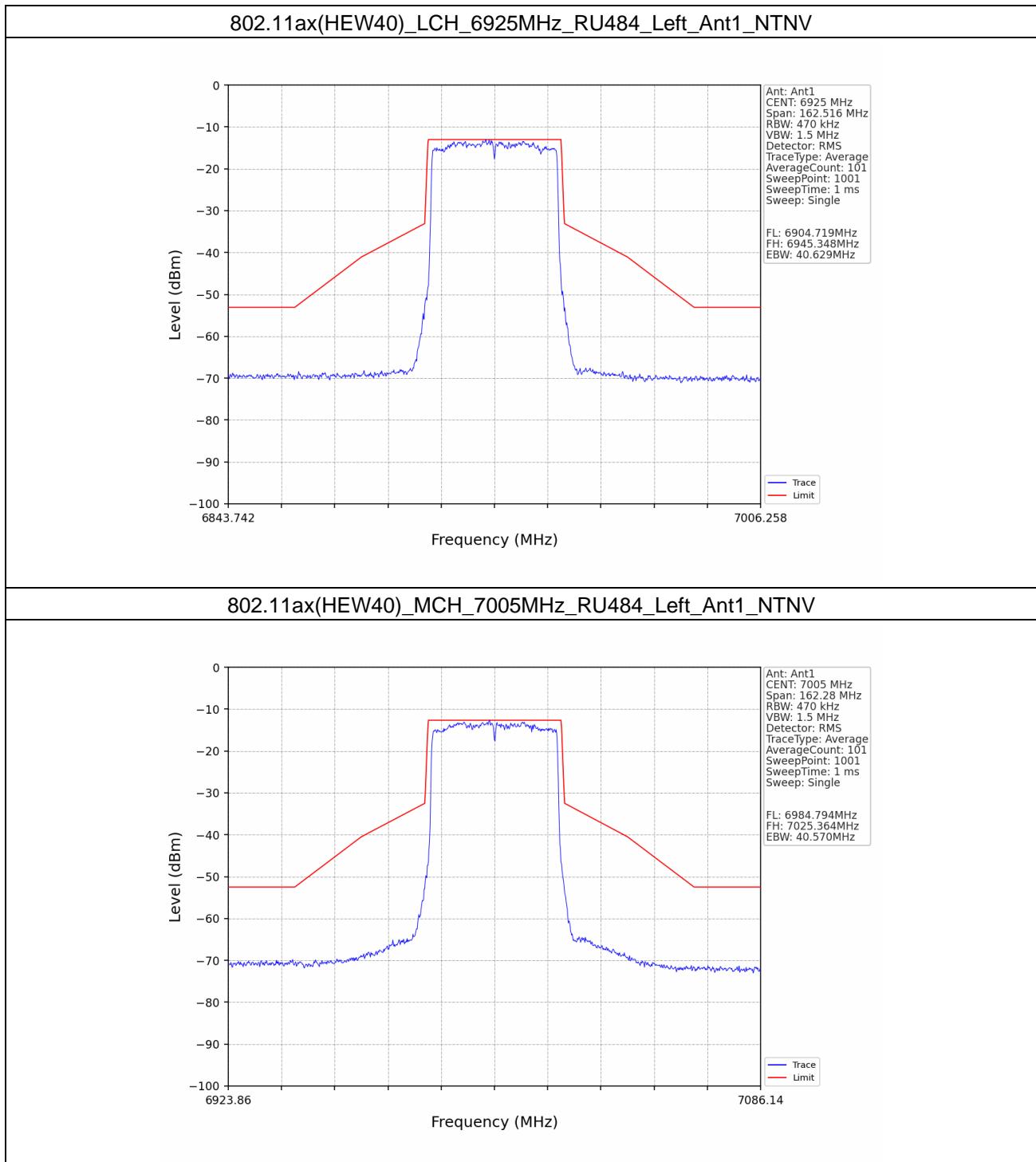
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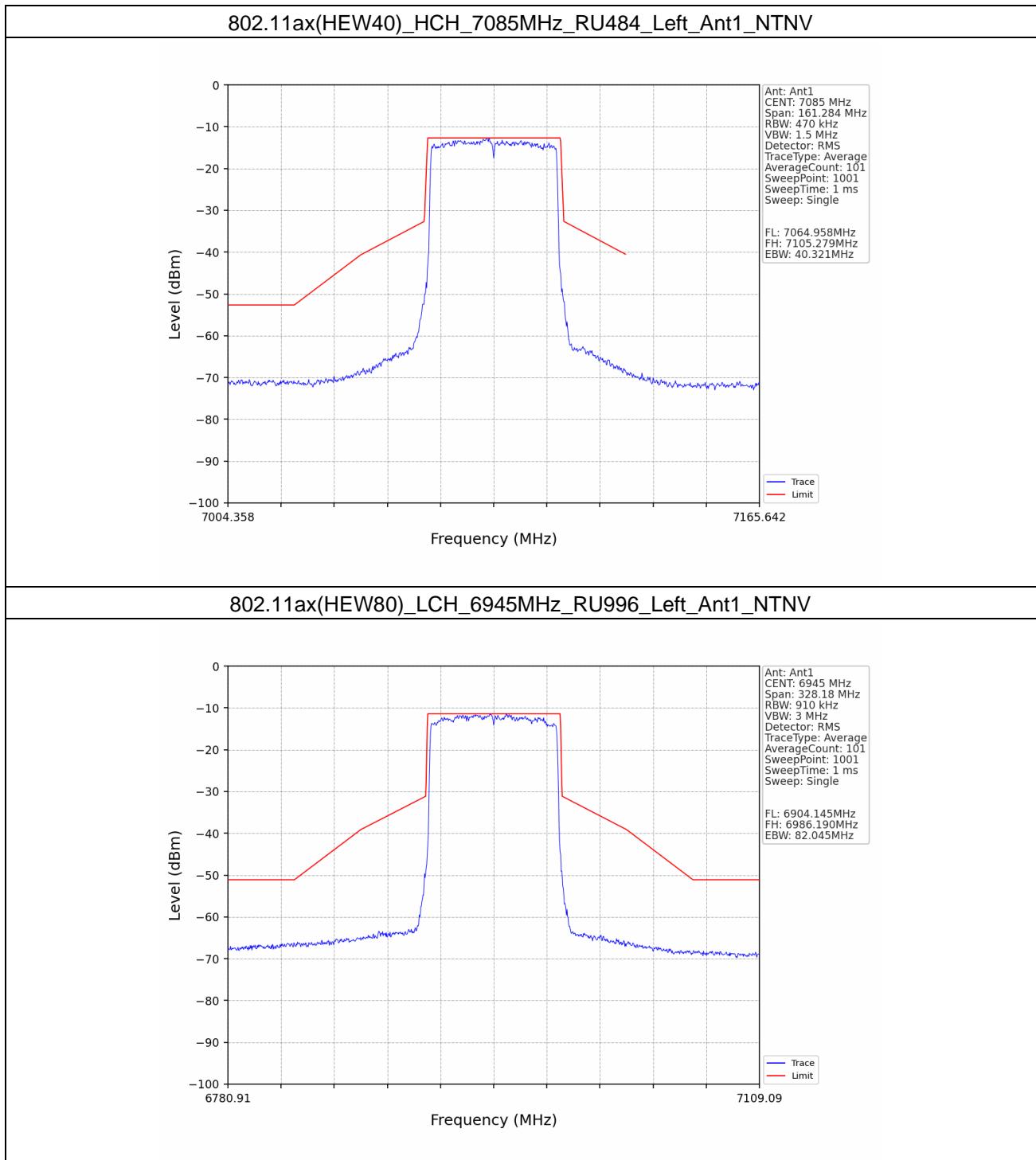
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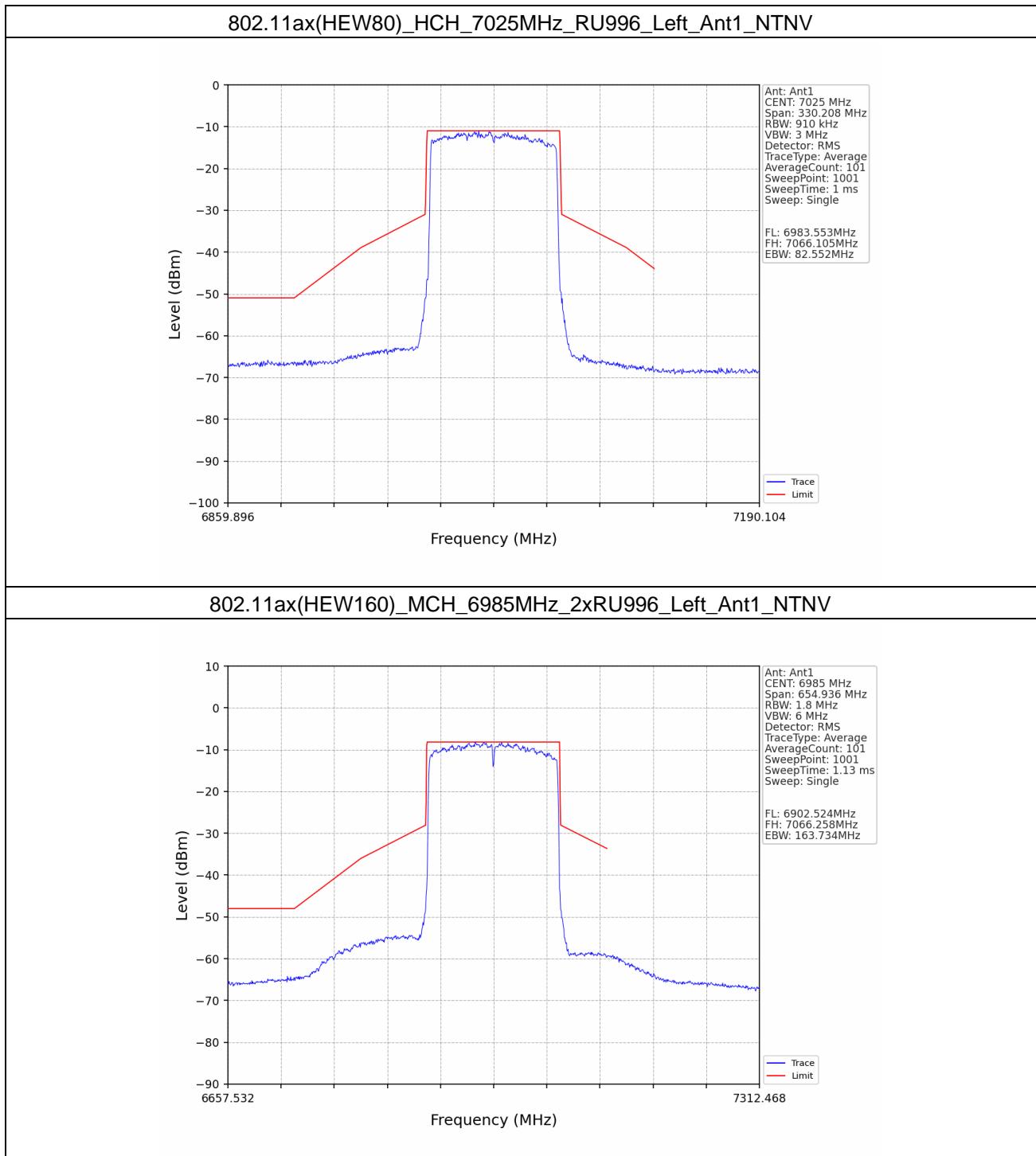
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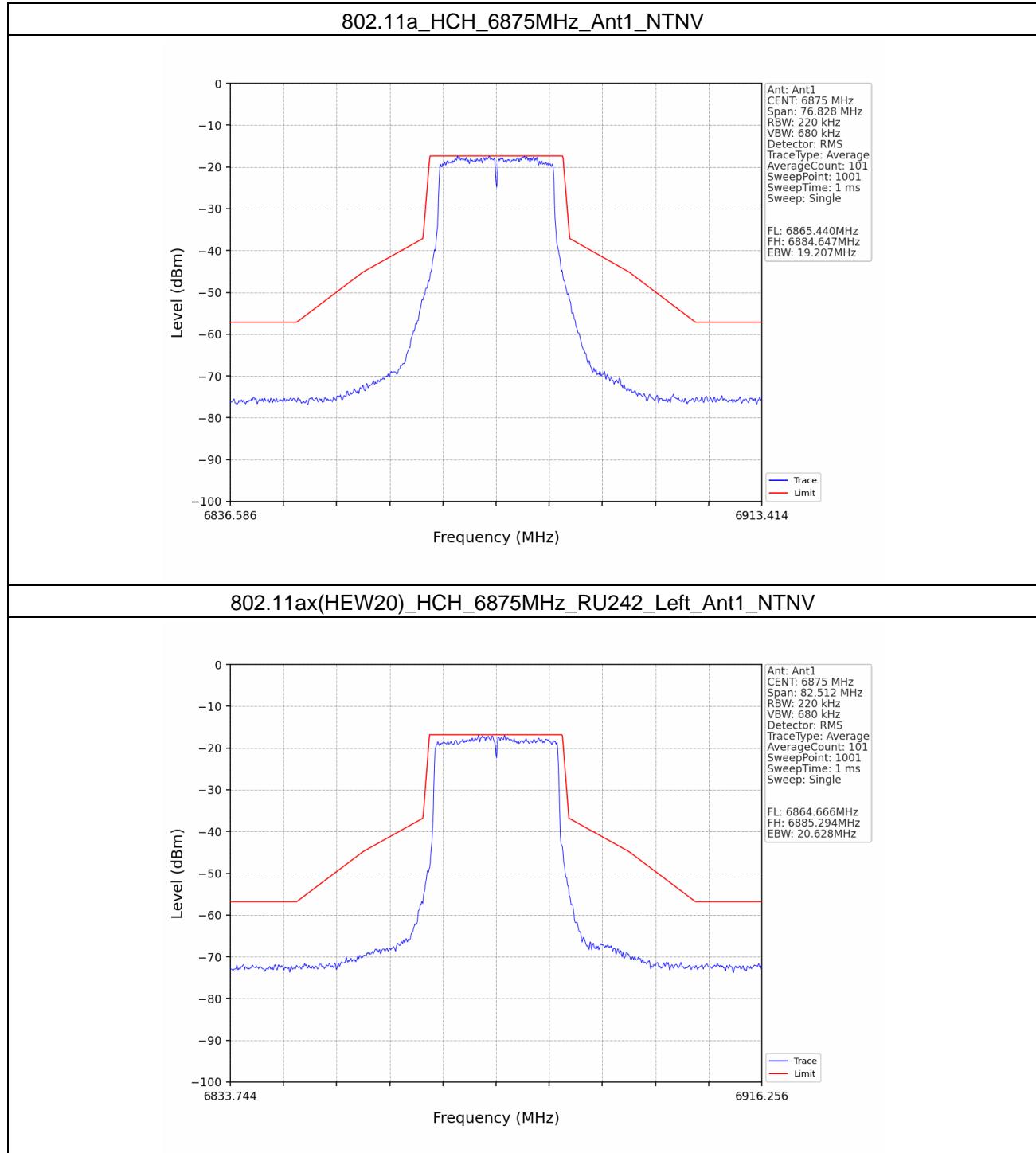
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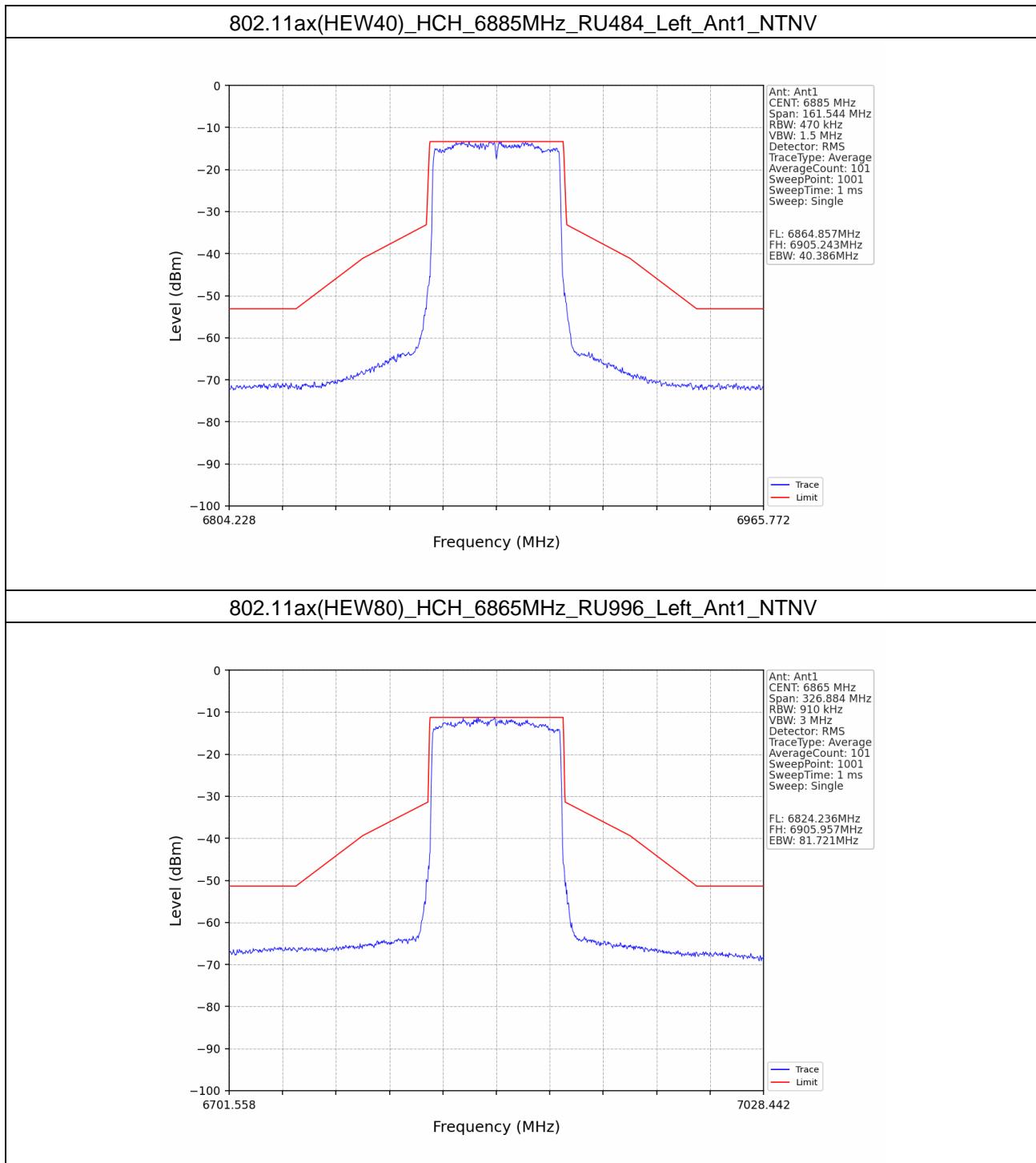
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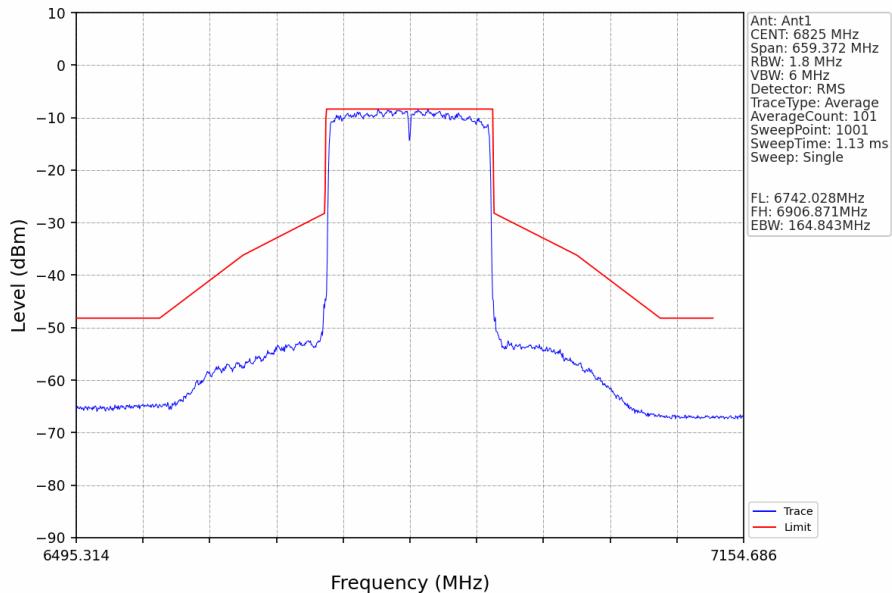
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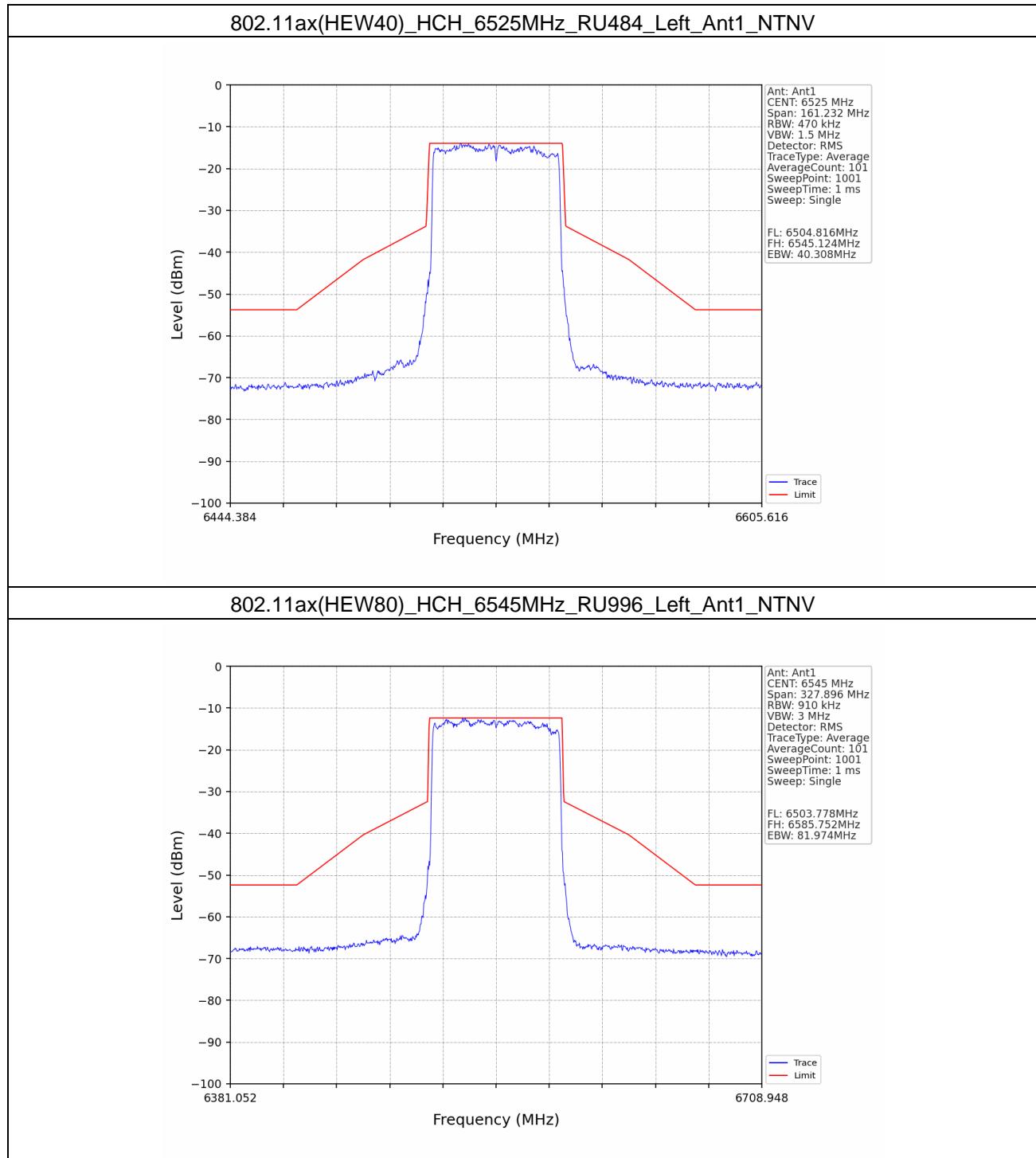
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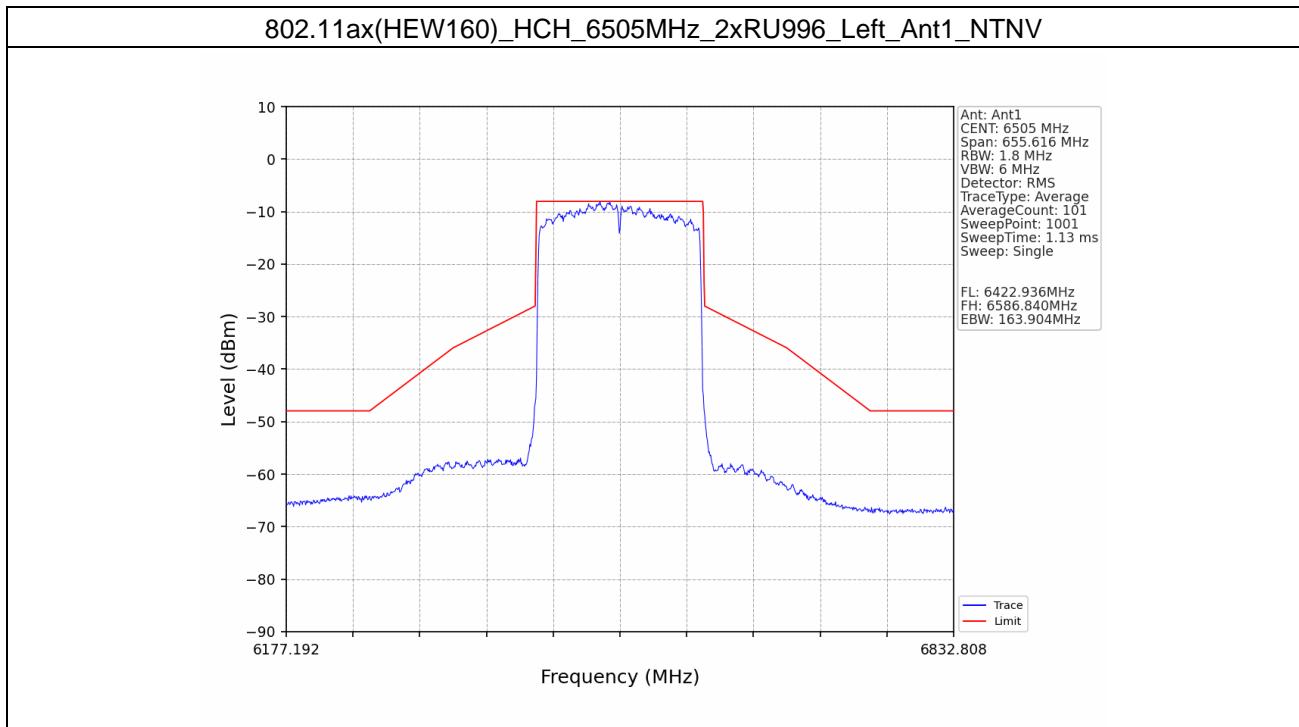
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6.2.6 EMask

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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 (%)
802.11ax (HEW20)	6135	6135.000		11.09
802.11ax (HEW160)	6185	6110.000		15.27
		6185.000		15.27
		6260.000		15.27

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)		
802.11ax (HEW20)	6135	6135.000	OFF	-63.75	5.81	-69.56	<=-62	Pass
			Minimal	-65.04	5.81	-70.85	<=-62	Pass
			ON	-65.37	5.81	-71.18	<=-62	Pass
802.11ax (HEW160)	6185	6110.000	OFF	-62.76	5.81	-68.57	<=-62	Pass
			Minimal	-63.73	5.81	-69.54	<=-62	Pass
			ON	-63.77	5.81	-69.58	<=-62	Pass
		6185.000	OFF	-64.56	5.81	-70.37	<=-62	Pass
			Minimal	-65.55	5.81	-71.36	<=-62	Pass
			ON	-65.58	5.81	-71.39	<=-62	Pass
		6260.000	OFF	-64.71	5.81	-70.52	<=-62	Pass
			Minimal	-65.71	5.81	-71.52	<=-62	Pass
			ON	-65.71	5.81	-71.52	<=-62	Pass

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1.1.3 Contention Based Protocol_Detection Probability_Band 5_Ant1

Mode	Freq. (MHz)	Incumbent Freq. (MHz)	Ant1										Detected Probability (%)	Verdict	
			1	2	3	4	5	6	7	8	9	10			
			Result	Limit											
802.11ax (HEW20)	6135	6135.000	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90	>=90	Pass
802.11ax (HEW160)	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

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 (%)
802.11ax (HEW20)	6435	6435.000	84.63

1.1.5 Contention Based Protocol_Detection Power_Band 6_Ant1

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	-65.94	5.81	-71.75	<=-62	Pass
			Minimal	-65.96	5.81	-71.77	<=-62	Pass
			ON	-66.94	5.81	-72.75	<=-62	Pass

1.1.6 Contention Based Protocol_Detection Probability_Band 6_Ant1

Mode	Freq. (MHz)	Incumbent Freq. (MHz)	Ant1										Detected Probability (%)	Verdict	
			1	2	3	4	5	6	7	8	9	10			
Result	Limit														
802.11ax (HEW20)	6435	6435.000	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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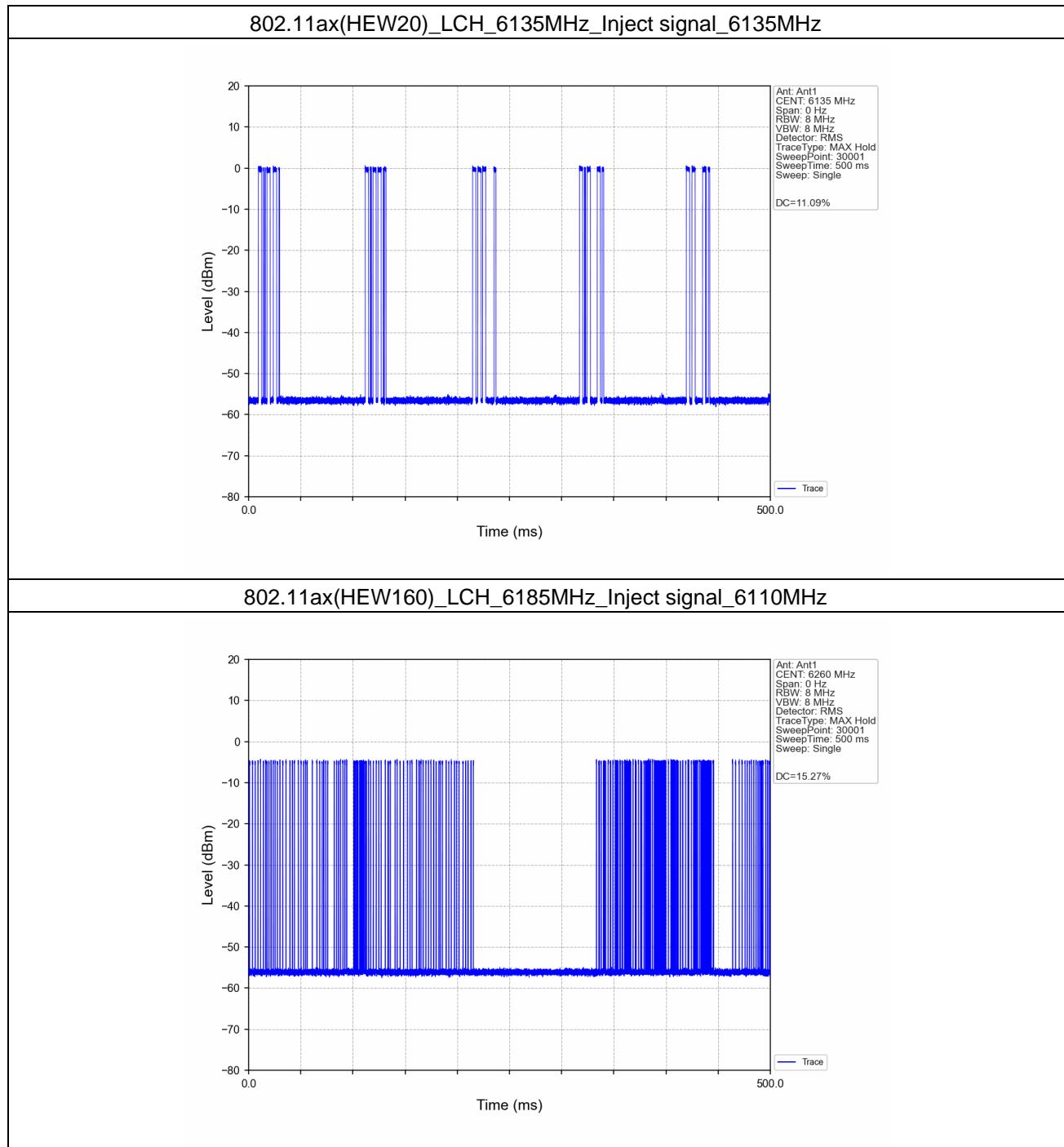
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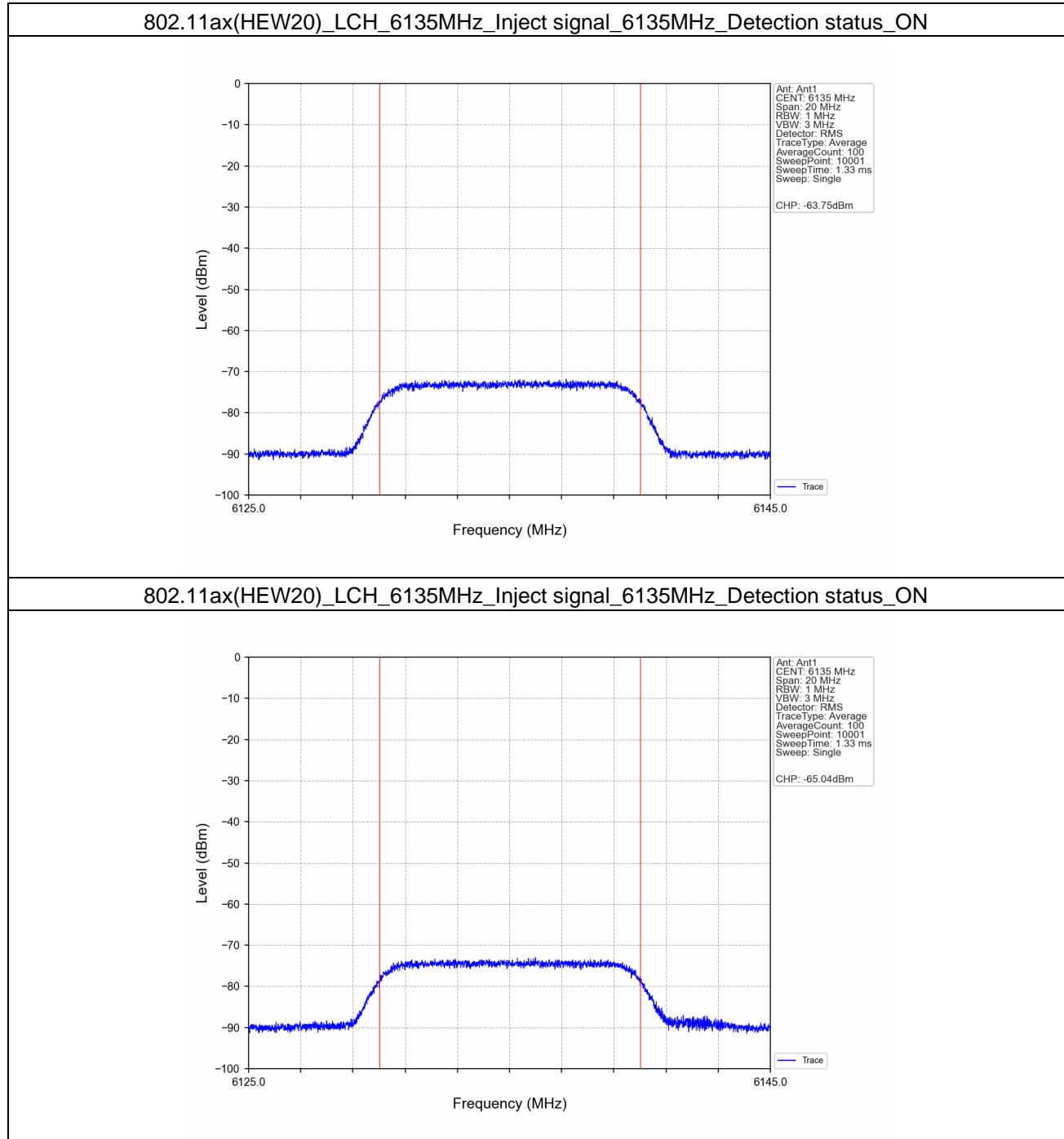
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1.2 Test Graph

1.2.1 Duty Cycle_Band 5_Ant1



1.2.2 Contention Based Protocol_Detection Power_Band 5_Ant1

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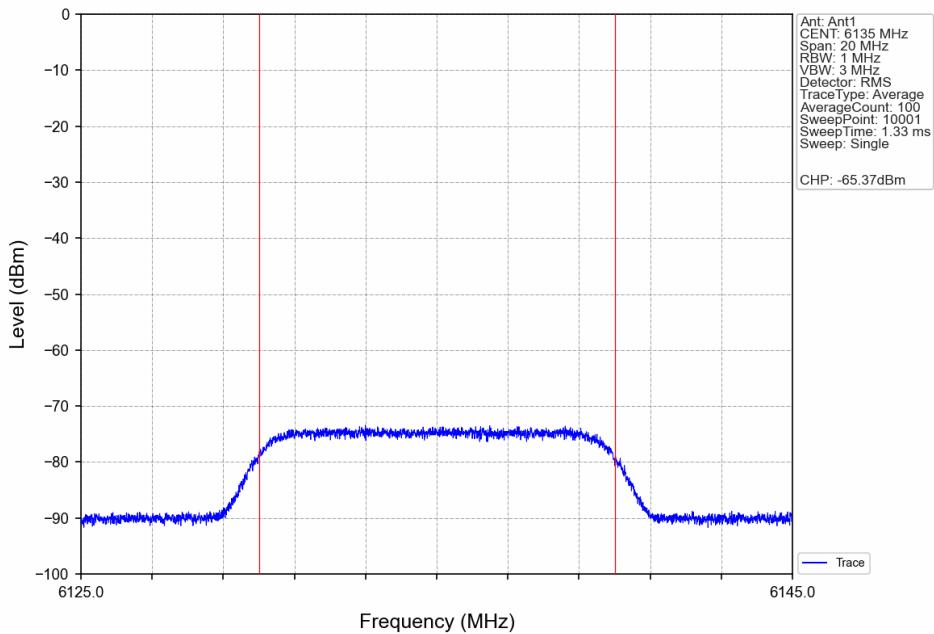
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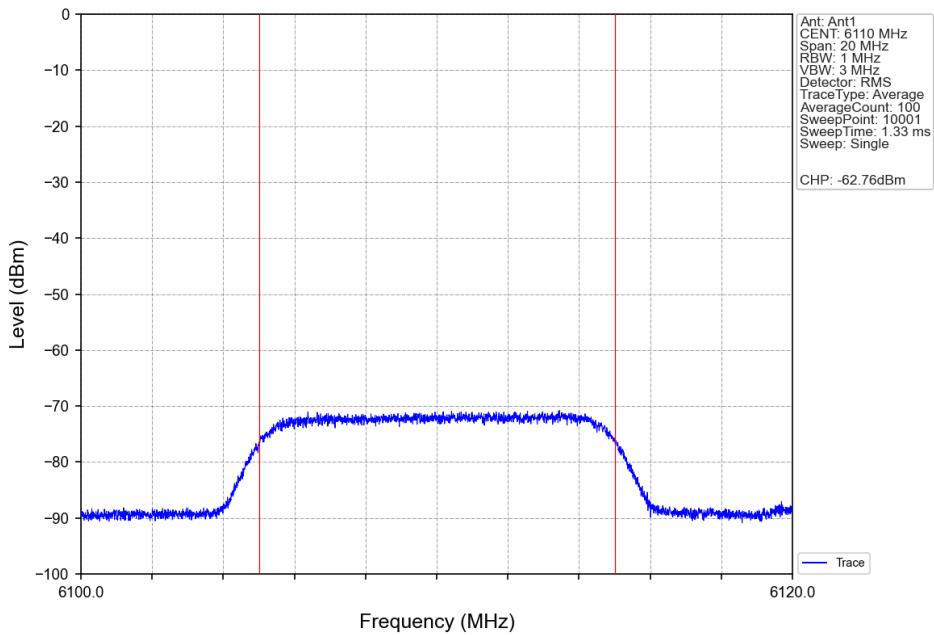
Report No.: SZCR250300112106

Page: 604 of 615

802.11ax(HEW20)_LCH_6135MHz.Inject signal_6135MHz.Detection status_ON



802.11ax(HEW160)_LCH_6185MHz.Inject signal_6260MHz.Detection status_ON



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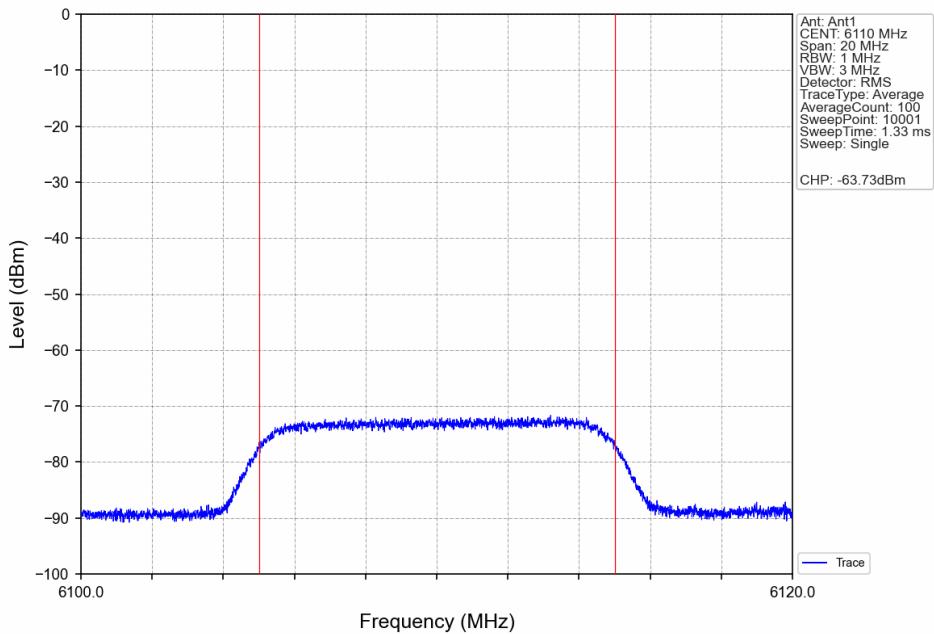
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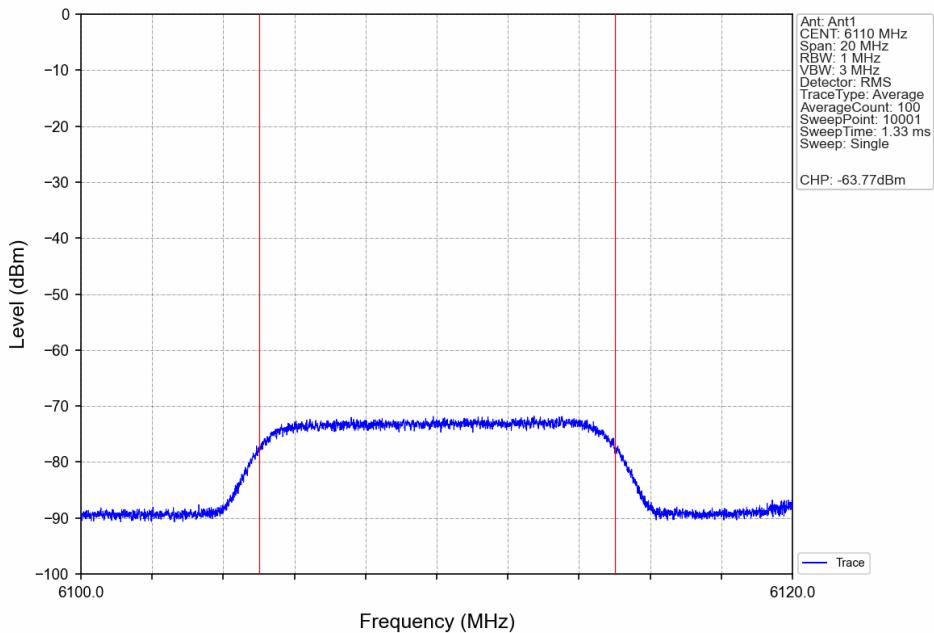
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802.11ax(HEW160)_LCH_6185MHz.Inject signal_6260MHz.Detection status_ON



802.11ax(HEW160)_LCH_6185MHz.Inject signal_6260MHz.Detection status_ON



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