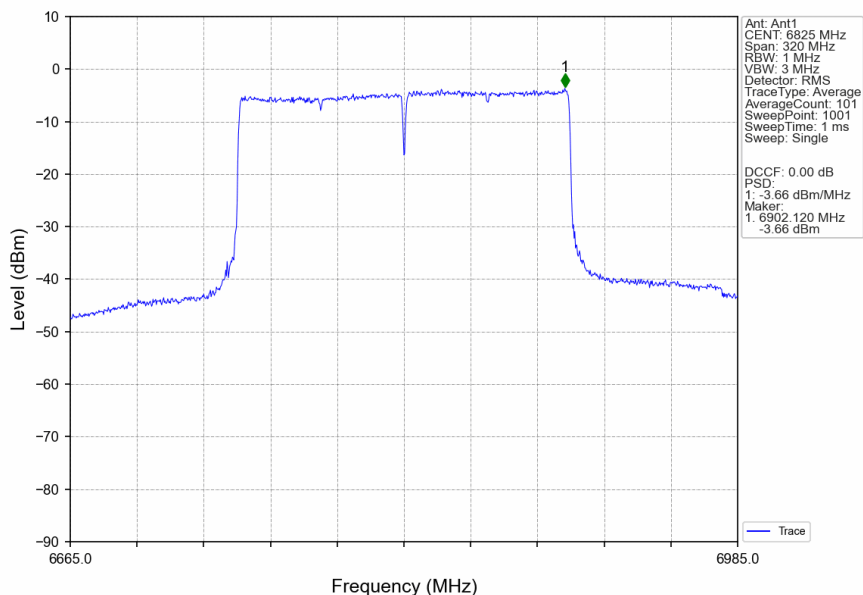
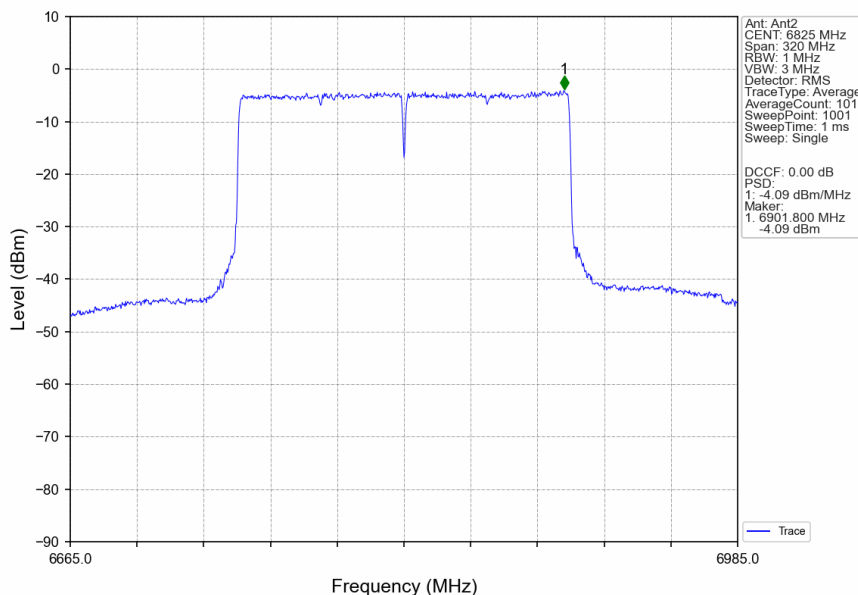


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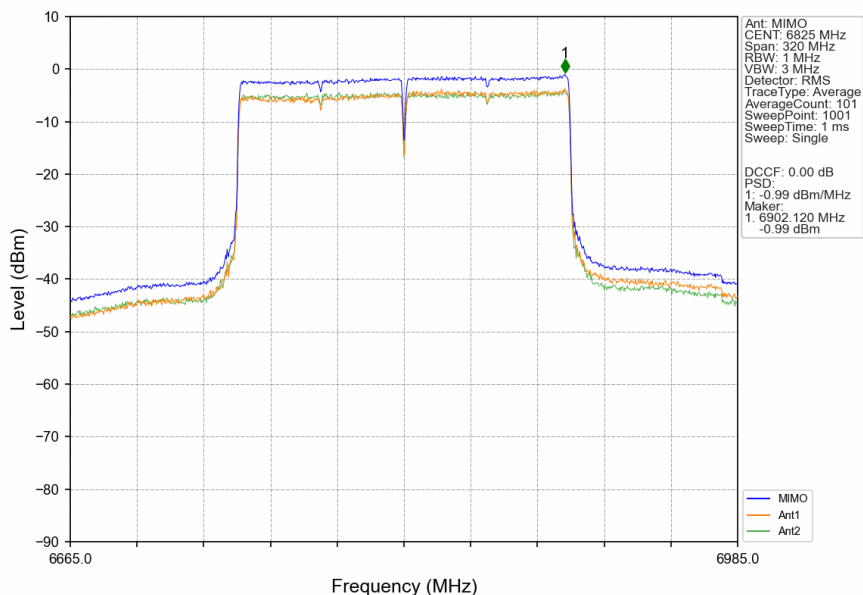
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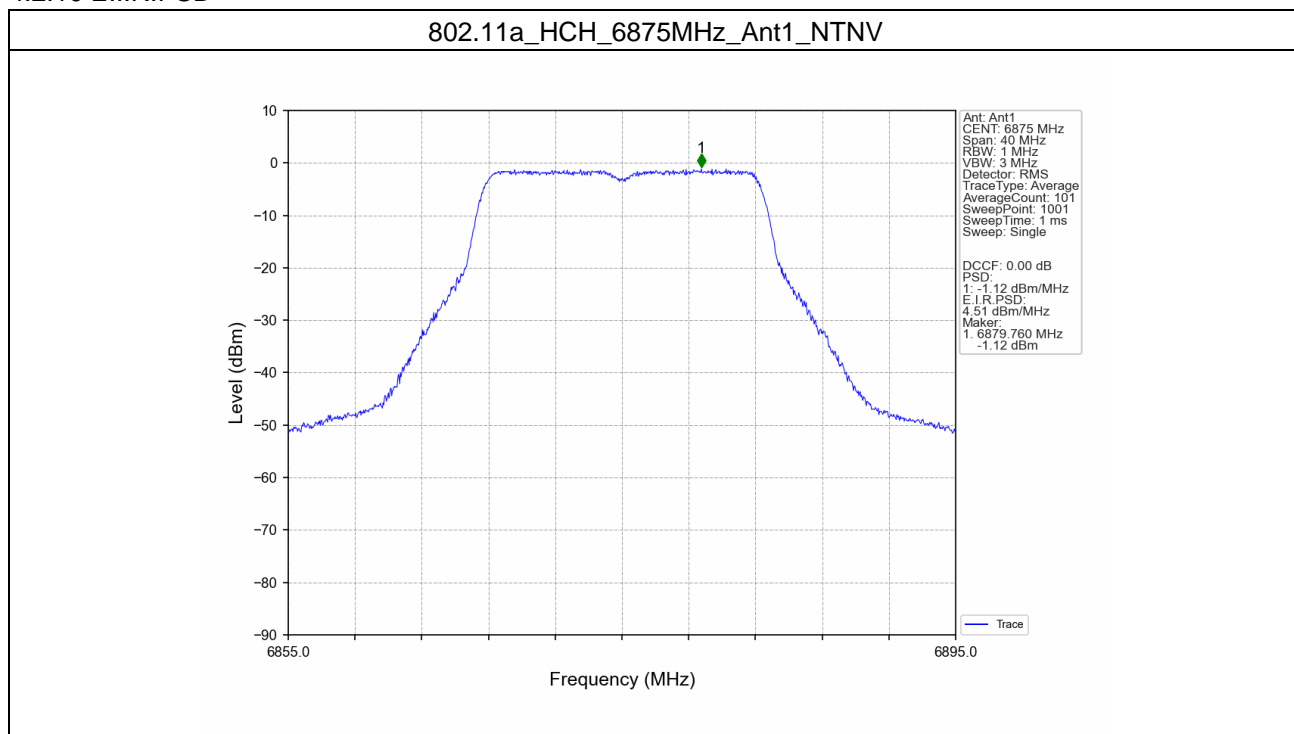
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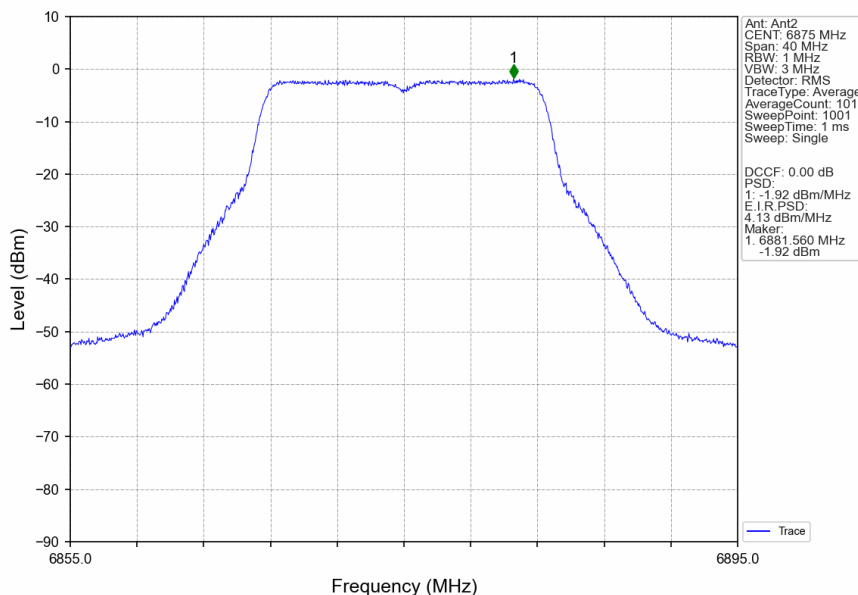
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4.2.10 E.I.R.PSD



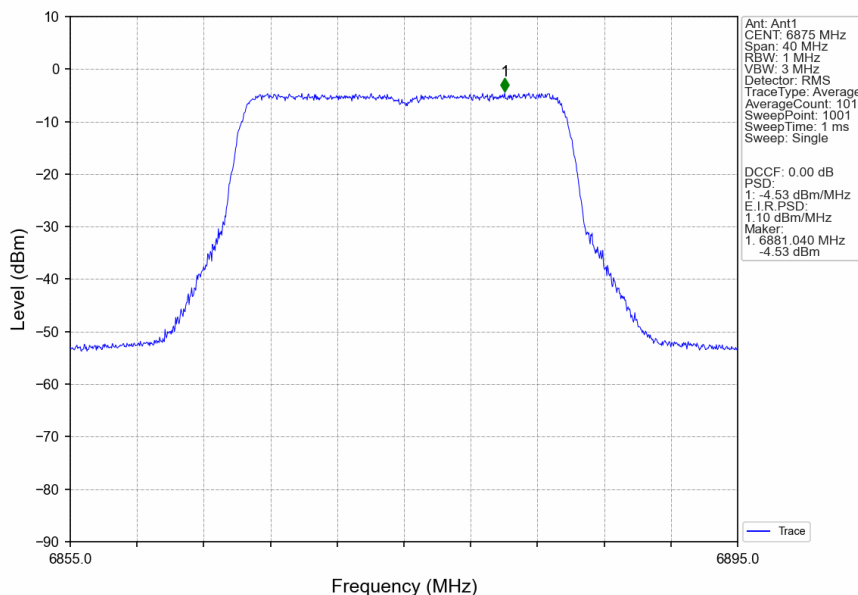
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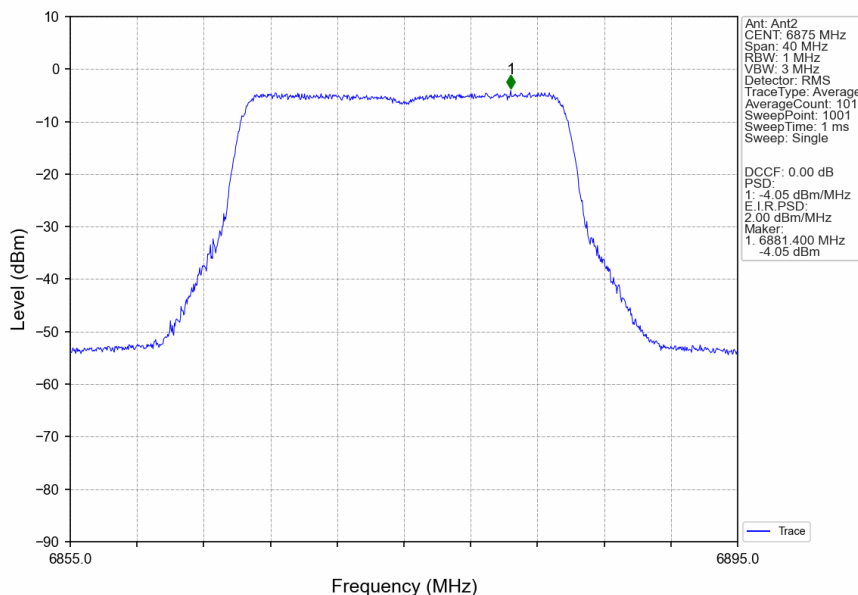
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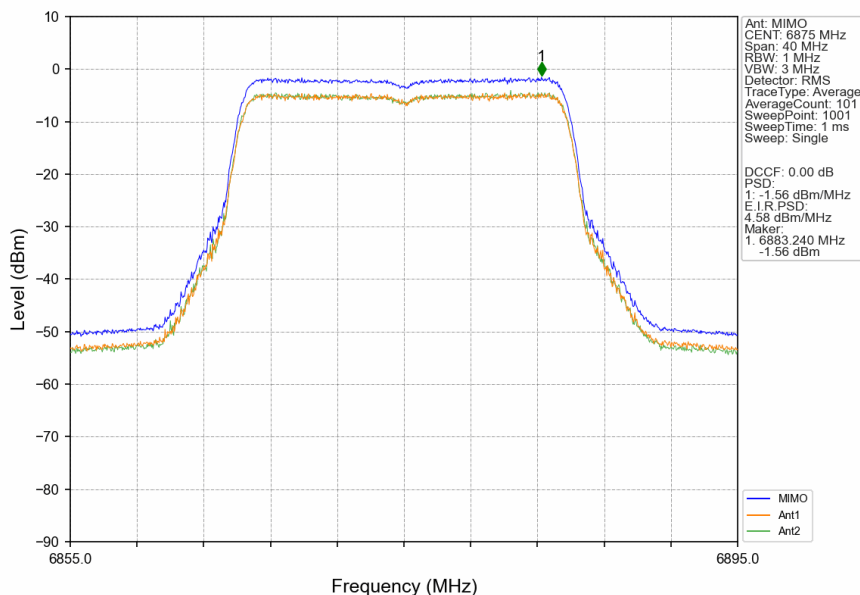
802.11ax(HEW20)_HCH_6875MHz_RU242_Left_Ant2_NTNV



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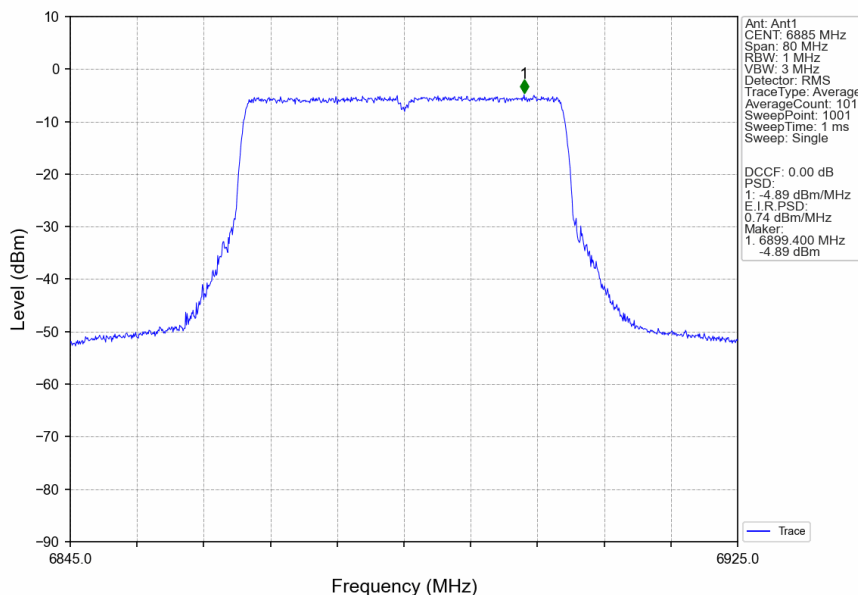
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802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant1_NTNV



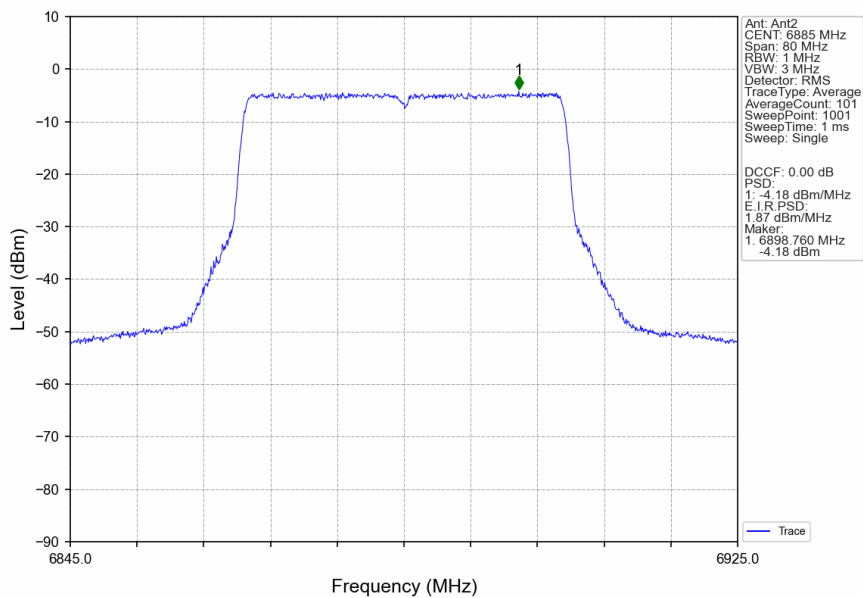
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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

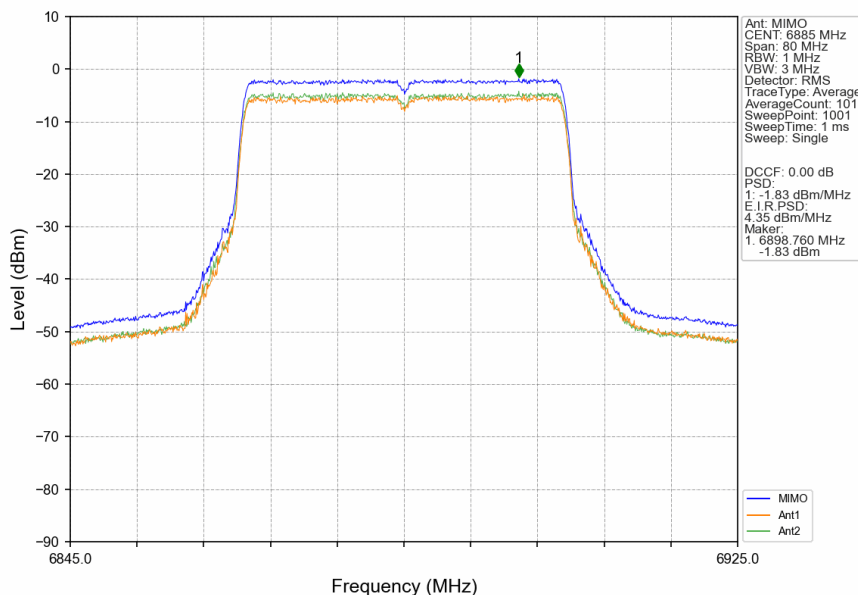
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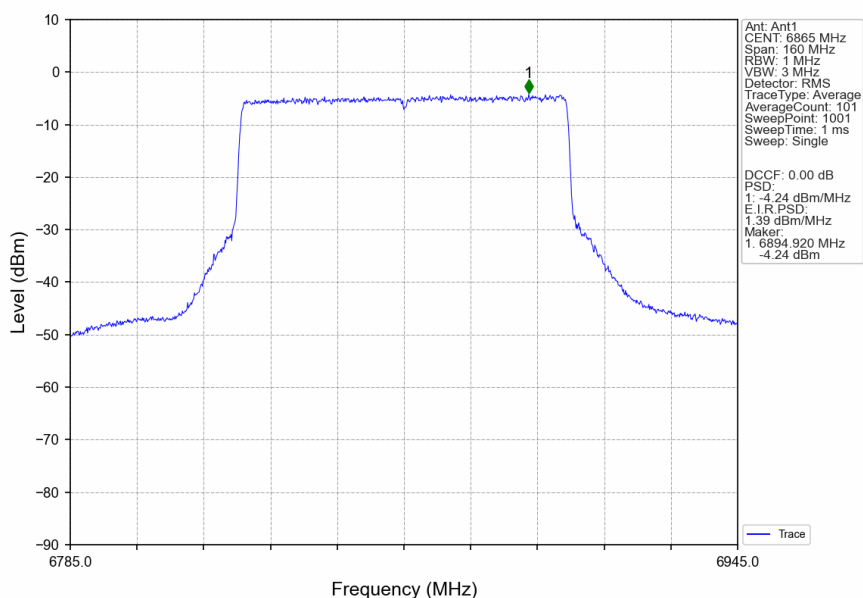
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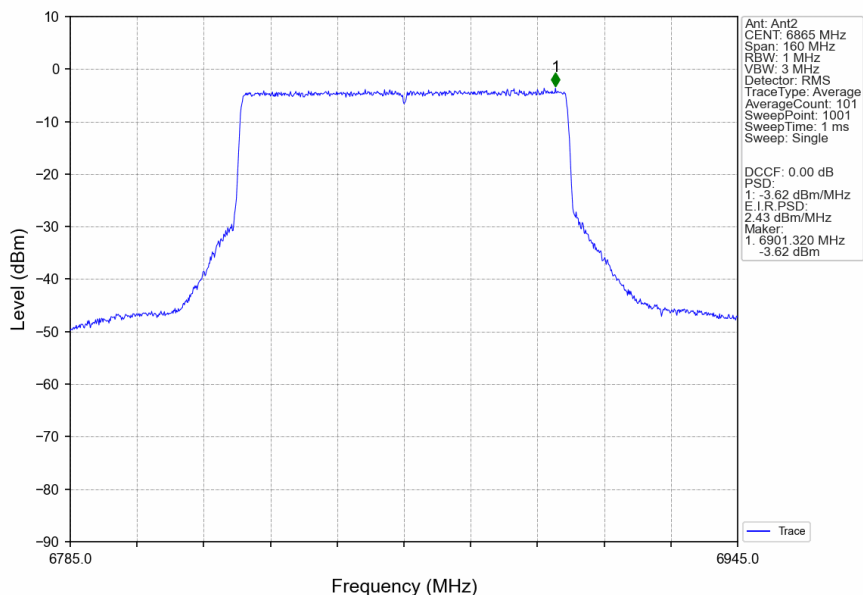
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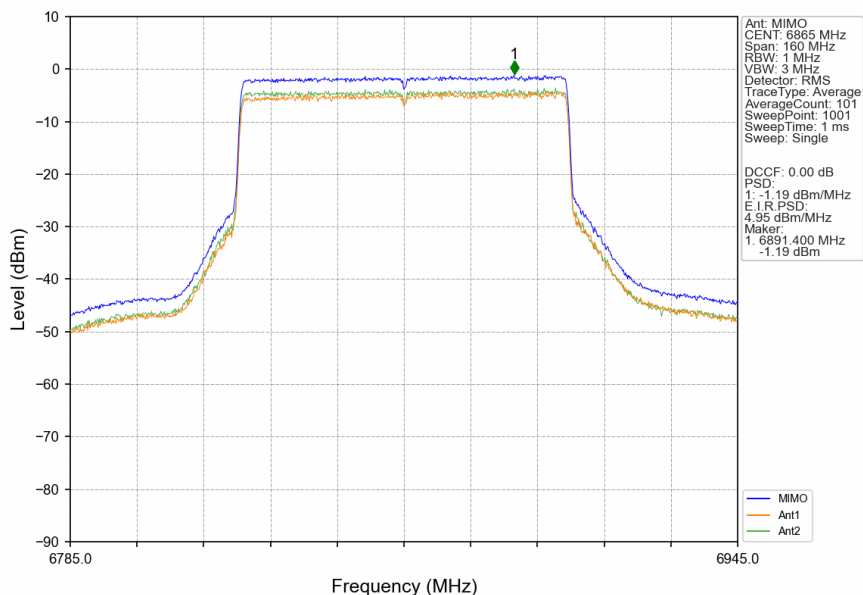
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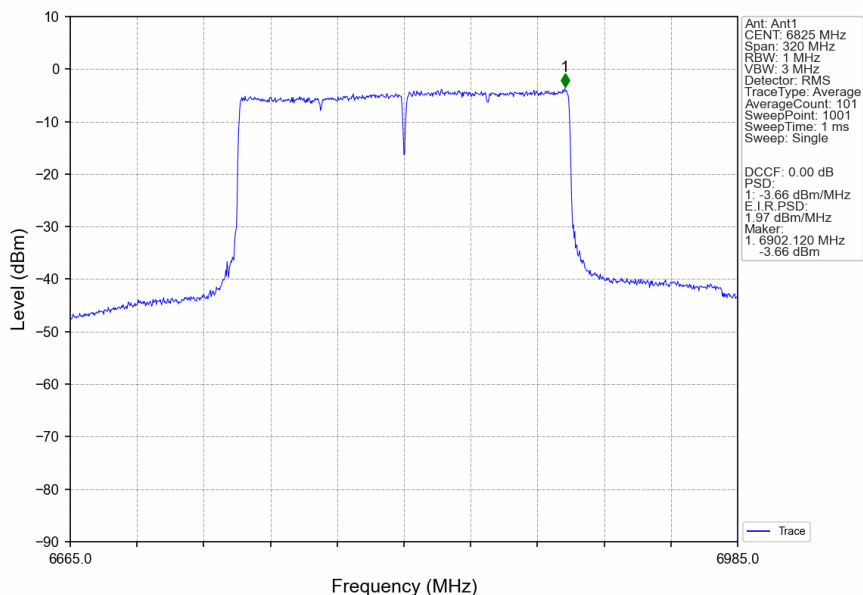
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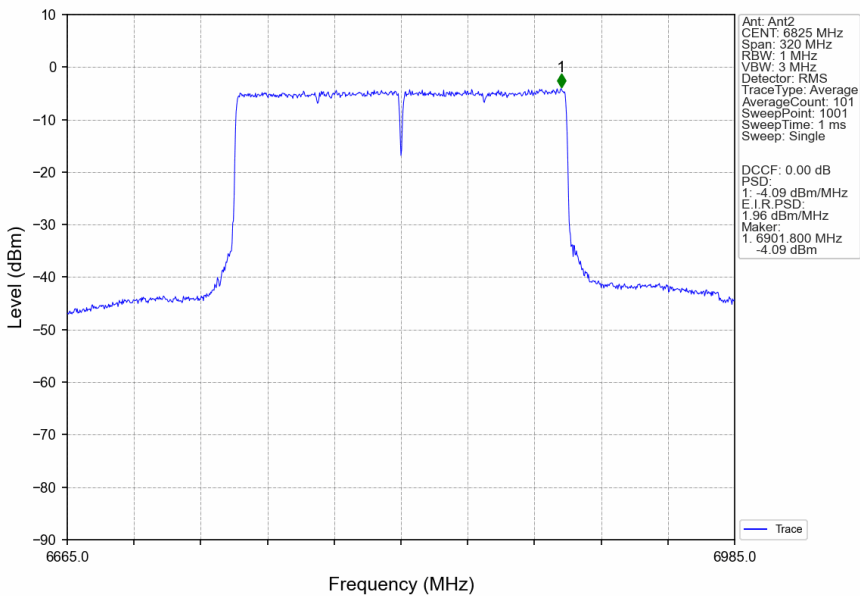
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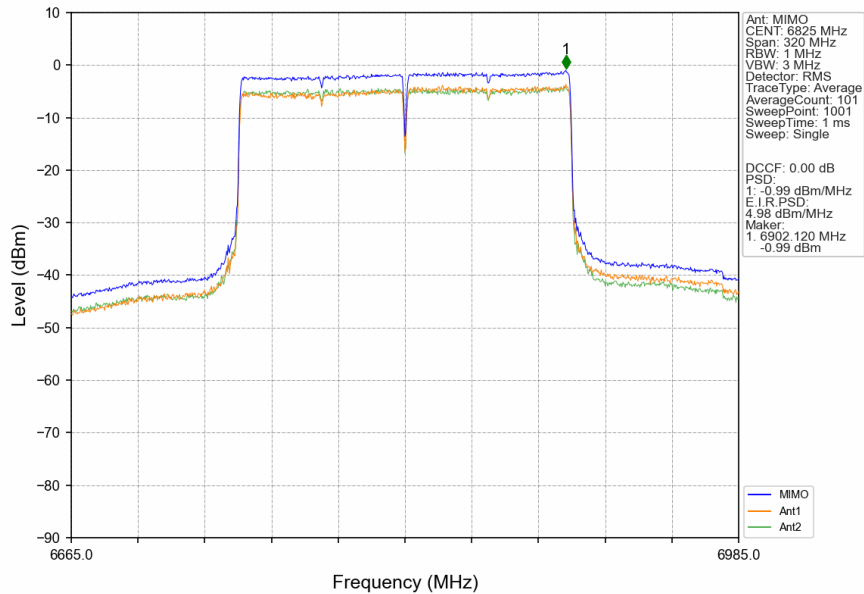
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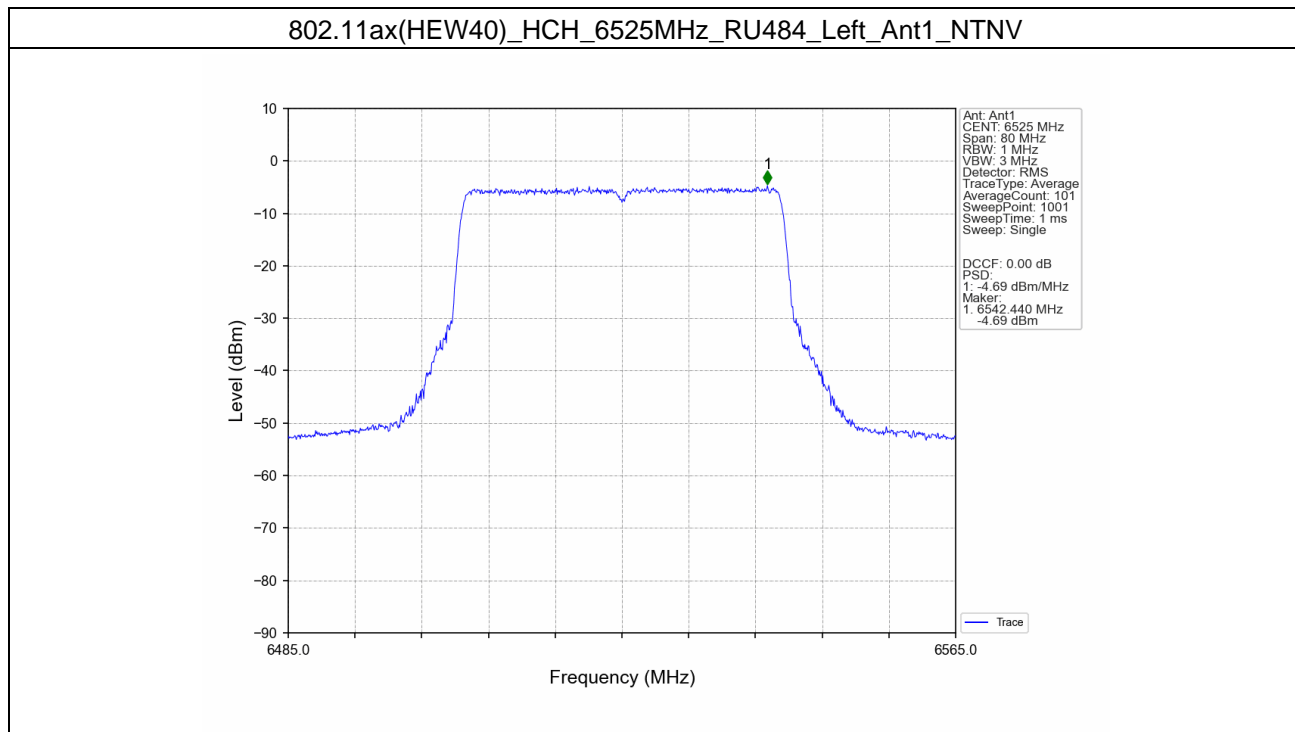
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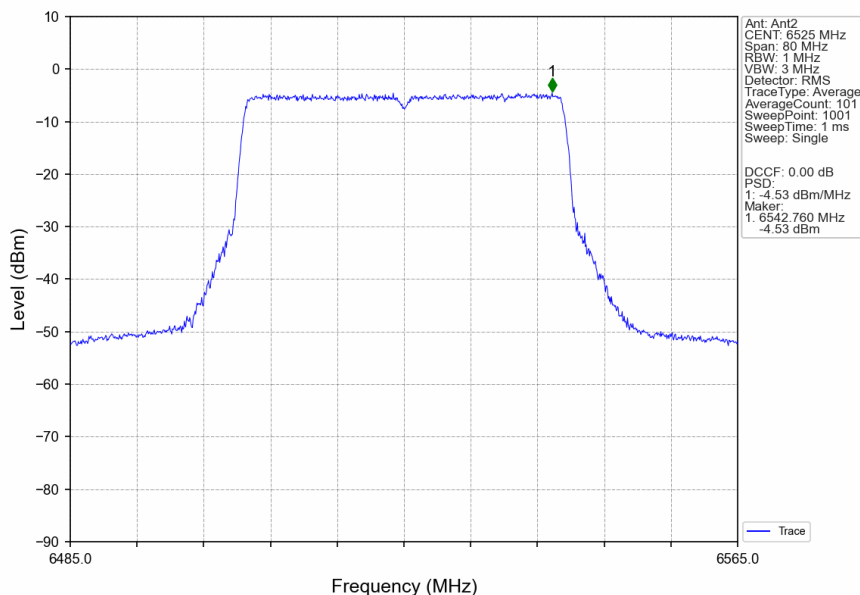
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4.2.11 PSD



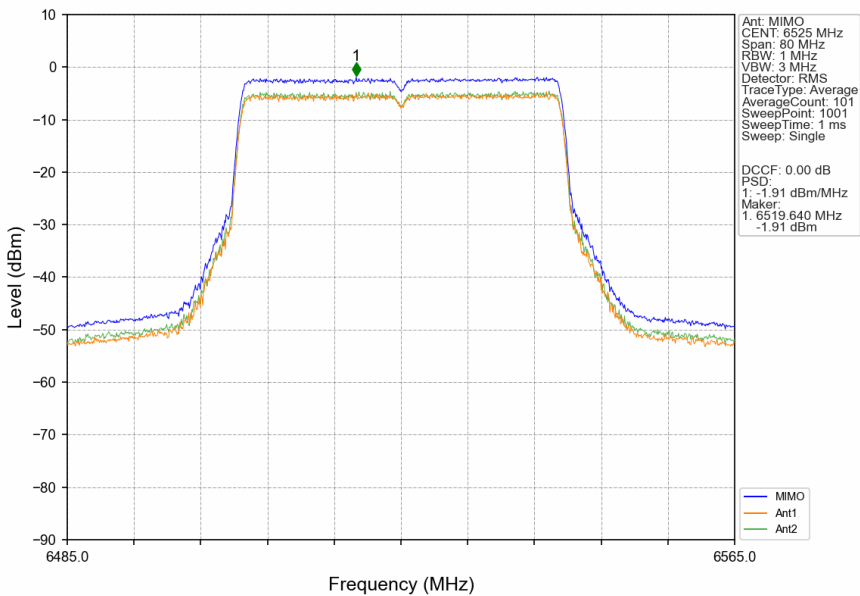
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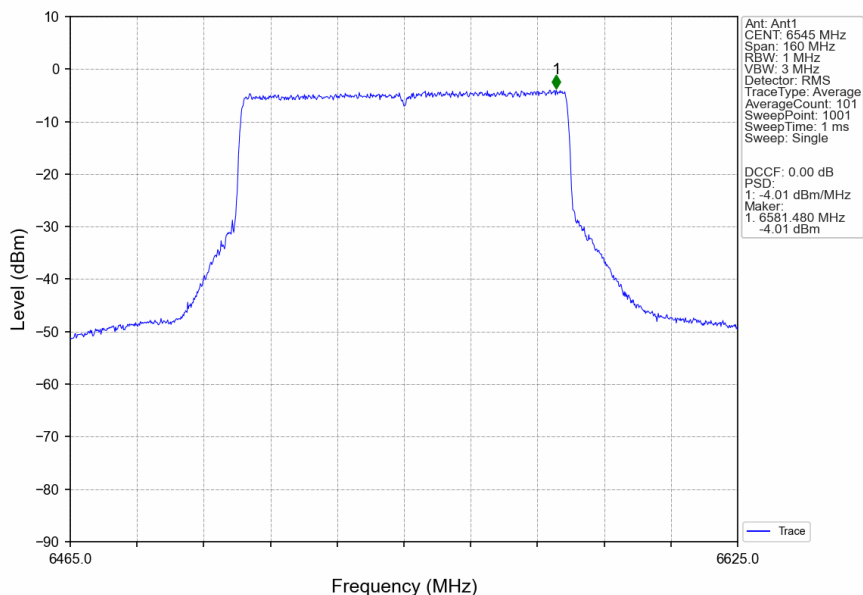
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802.11ax(HEW80)_HCH_6545MHz_RU996_Left_Ant1_NTNV



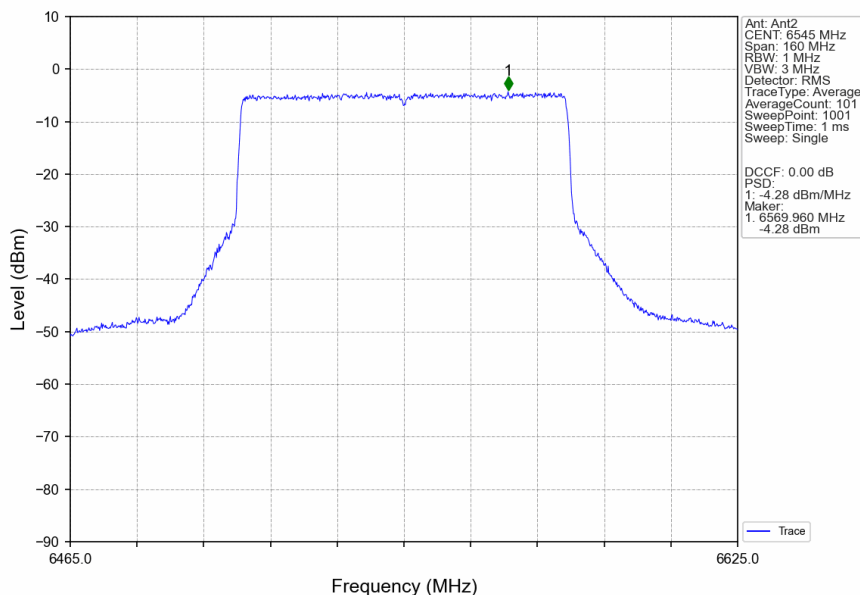
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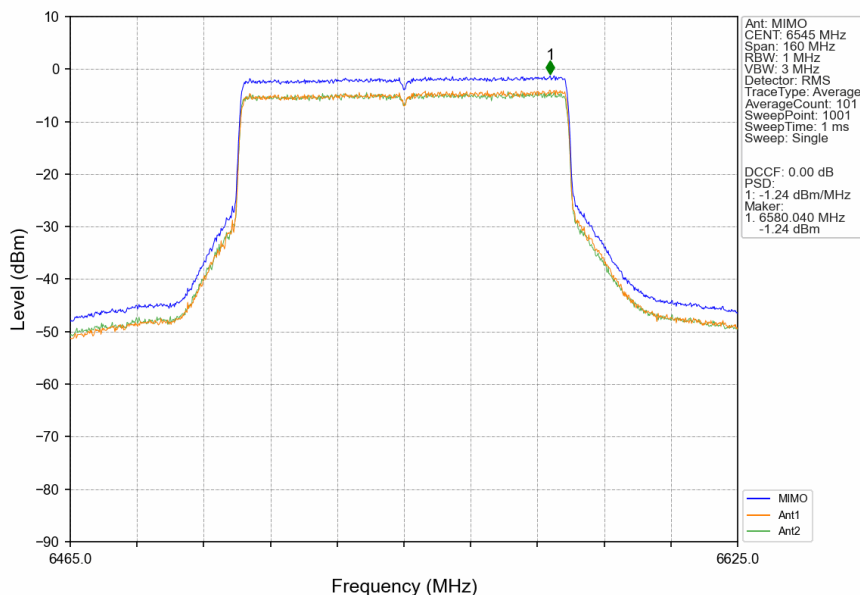
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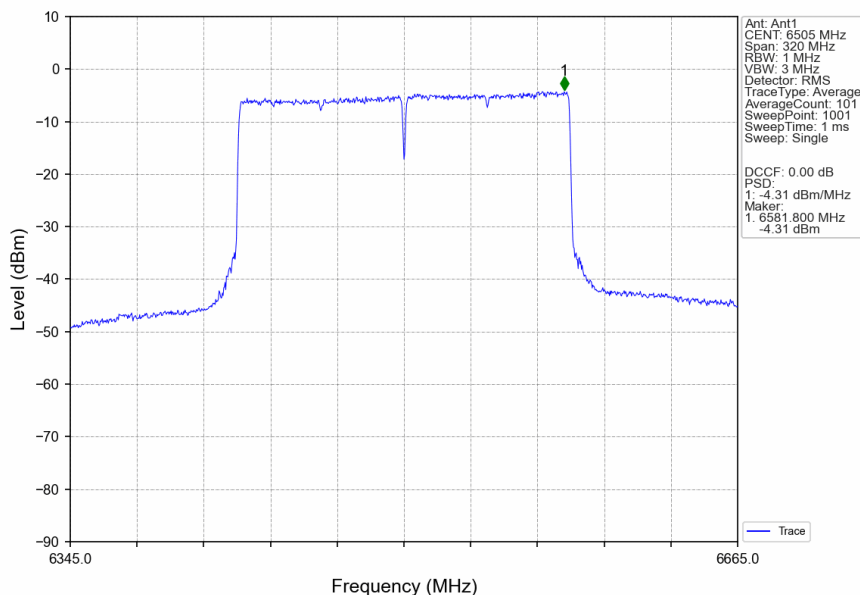
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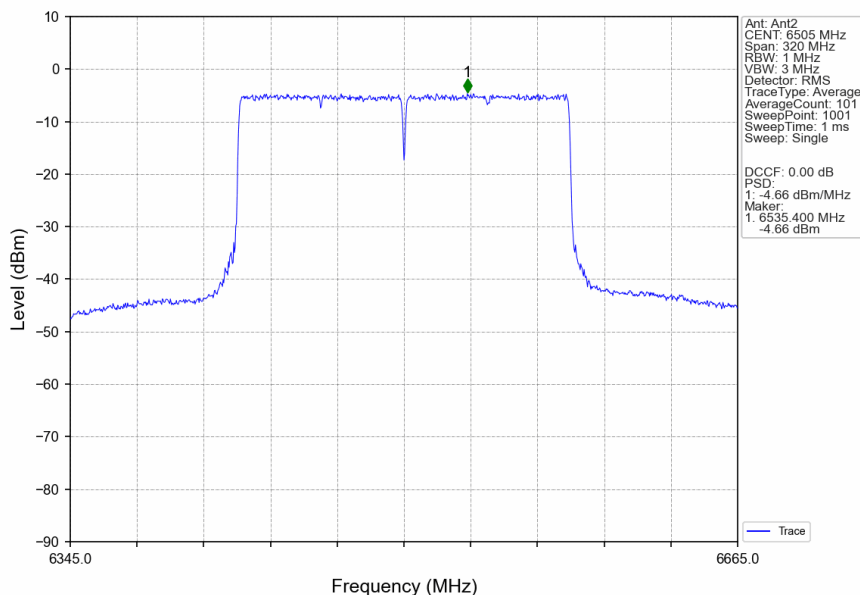
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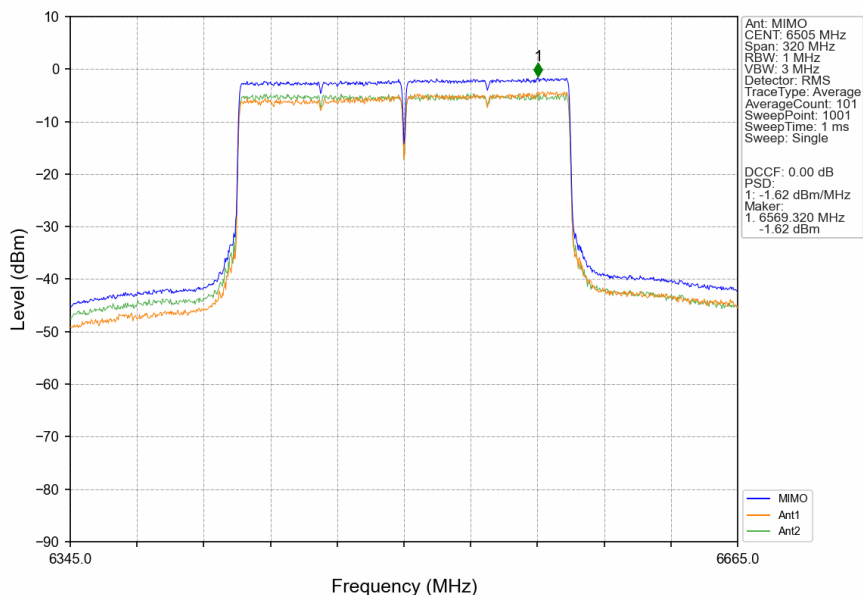
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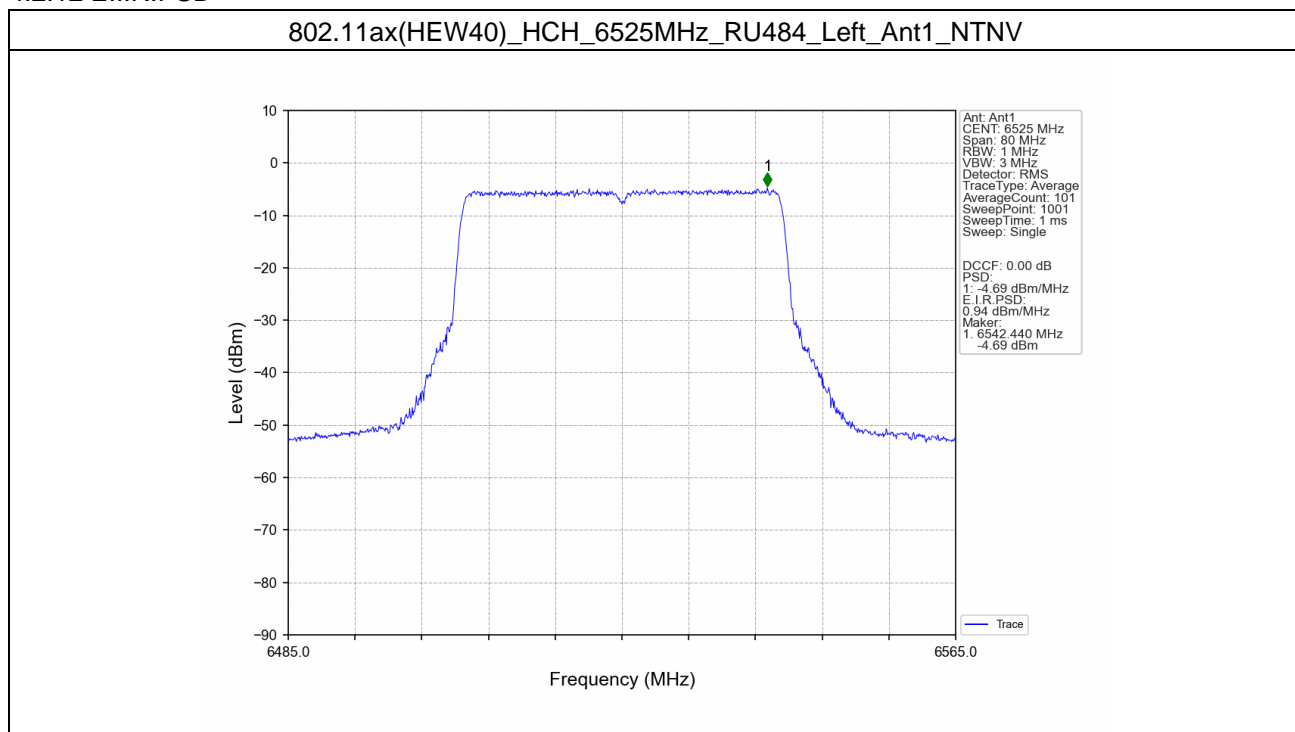
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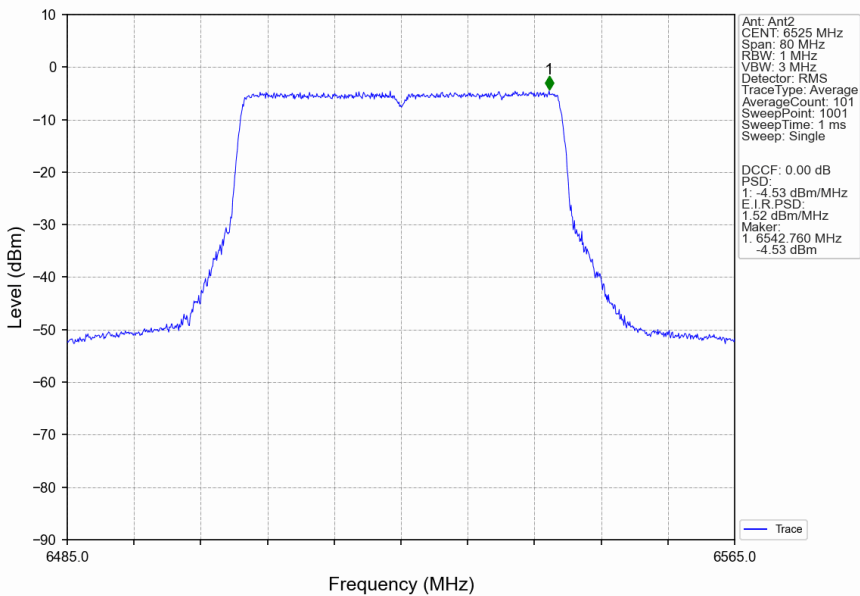
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4.2.12 E.I.R.PSD



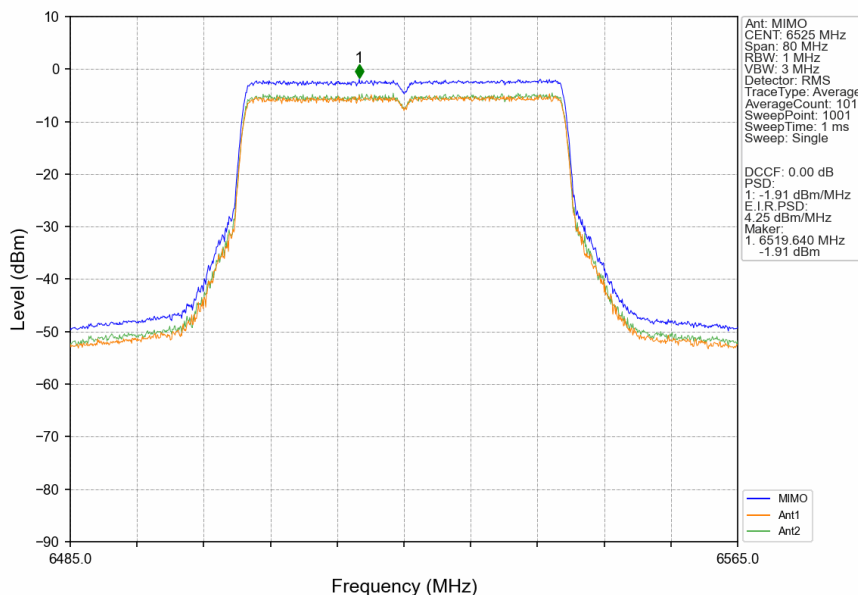
802.11ax(HEW40)_HCH_6525MHz_RU484_Left_Ant2_NTNV



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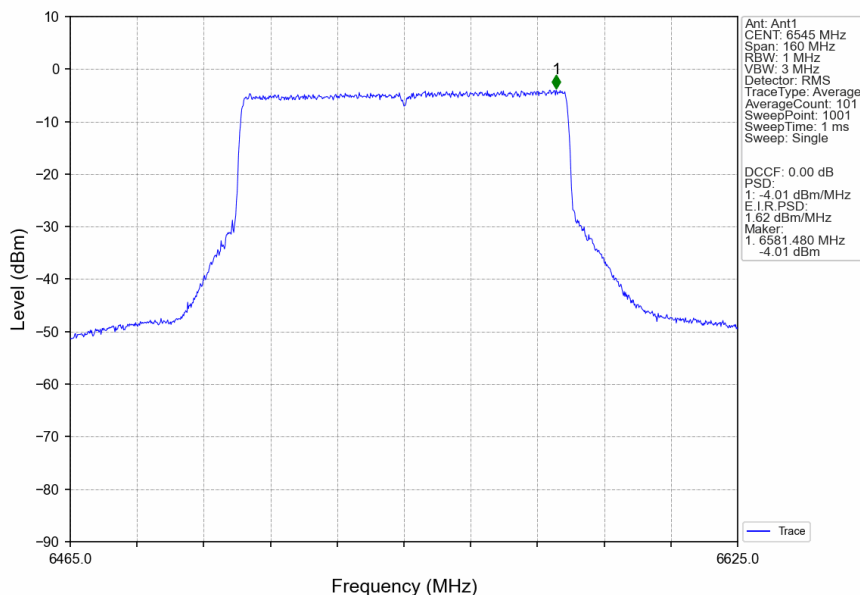
802.11ax(HEW40)_HCH_6525MHz_RU484_Left_MIMO_NTNV



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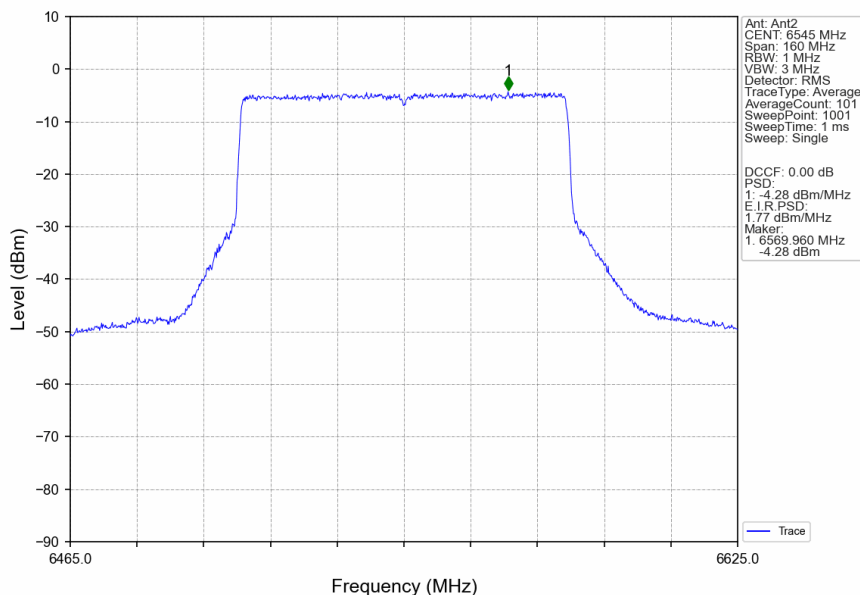
802.11ax(HEW80)_HCH_6545MHz_RU996_Left_Ant1_NTNV



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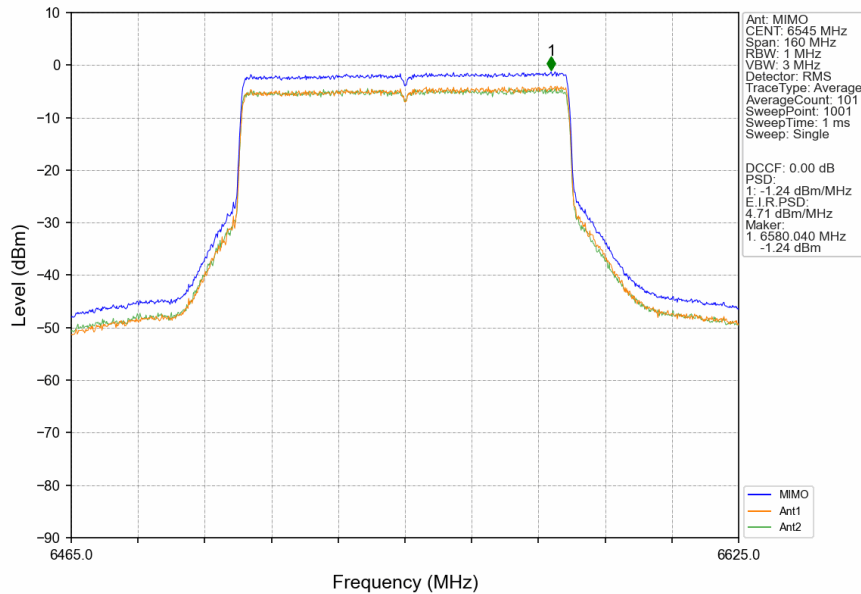
802.11ax(HEW80)_HCH_6545MHz_RU996_Left_Ant2_NTNV



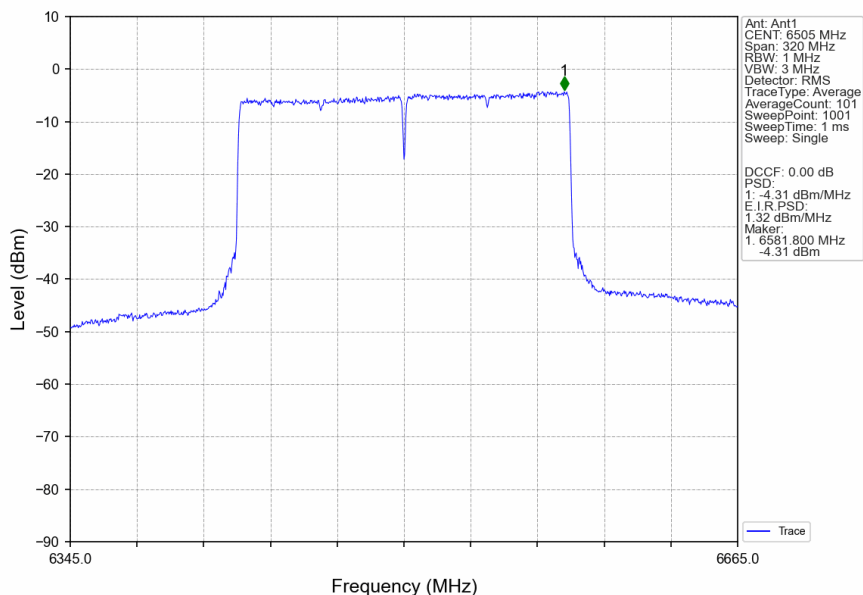
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802.11ax(HEW80)_HCH_6545MHz_RU996_Left_MIMO_NTNV



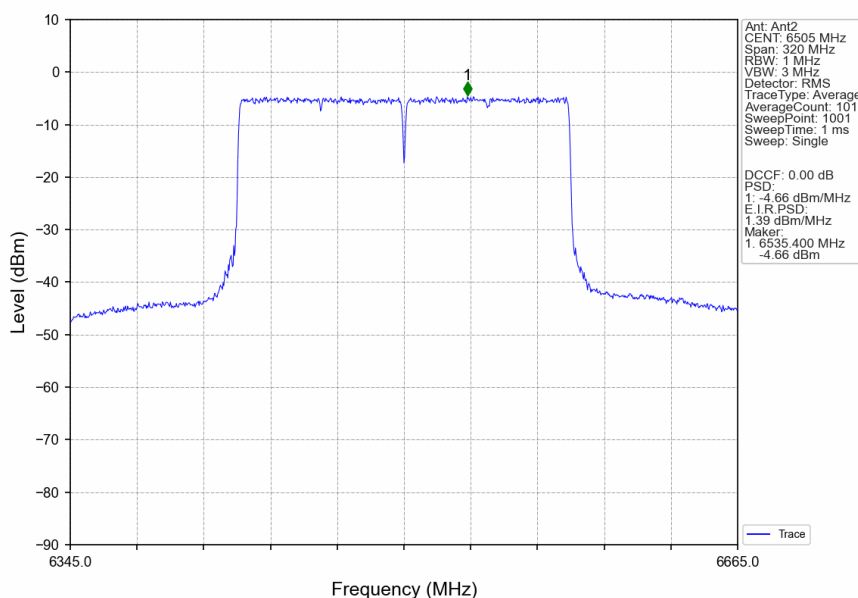
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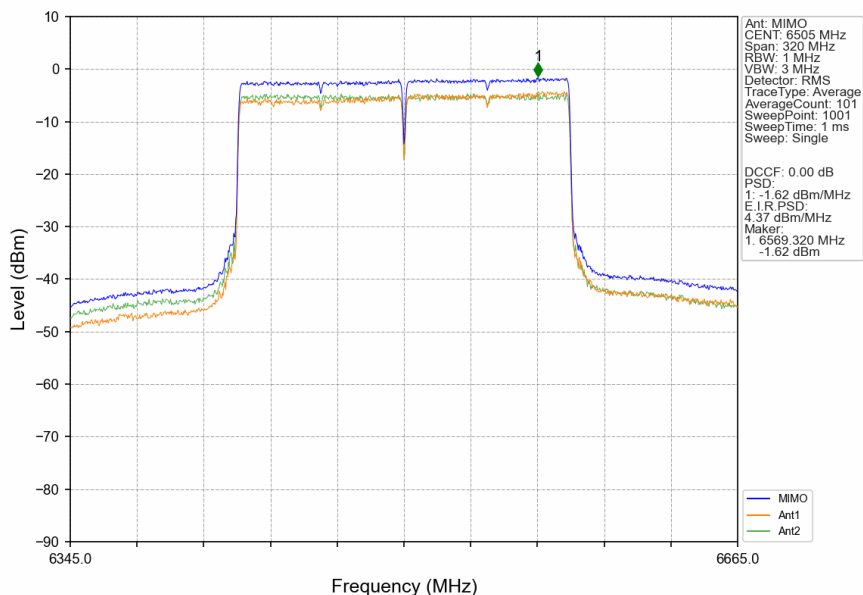
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5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
NTNV	802.11a	SISO	5955	/	/	20	102	5955.020	5925 to 6425	Pass
							120	5954.980	5925 to 6425	Pass
							138	5955.040	5925 to 6425	Pass
						-30	120	5954.980	5925 to 6425	Pass
						-20	120	5955.000	5925 to 6425	Pass
						-10	120	5955.020	5925 to 6425	Pass
						0	120	5954.980	5925 to 6425	Pass
						10	120	5955.060	5925 to 6425	Pass
						30	120	5955.060	5925 to 6425	Pass
						40	120	5955.000	5925 to 6425	Pass
						50	120	5955.020	5925 to 6425	Pass
			6175	/	/	20	102	6175.020	5925 to 6425	Pass
							120	6175.040	5925 to 6425	Pass
							138	6175.000	5925 to 6425	Pass
						-30	120	6175.080	5925 to 6425	Pass
						-20	120	6175.100	5925 to 6425	Pass
						-10	120	6175.040	5925 to 6425	Pass
						0	120	6175.040	5925 to	Pass



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								6425	
						10	120	6175.020	5925 to 6425 Pass
						30	120	6175.060	5925 to 6425 Pass
						40	120	6175.020	5925 to 6425 Pass
						50	120	6175.040	5925 to 6425 Pass
			6415	/	/				
							102	6415.060	5925 to 6425 Pass
						20	120	6415.000	5925 to 6425 Pass
							138	6415.040	5925 to 6425 Pass
						-30	120	6415.020	5925 to 6425 Pass
						-20	120	6415.020	5925 to 6425 Pass
						-10	120	6415.020	5925 to 6425 Pass
						0	120	6415.020	5925 to 6425 Pass
						10	120	6414.980	5925 to 6425 Pass
						30	120	6415.060	5925 to 6425 Pass
						40	120	6414.960	5925 to 6425 Pass
						50	120	6415.040	5925 to 6425 Pass
							102	5955.060	5925 to 6425 Pass
						20	120	5955.000	5925 to 6425 Pass
							138	5955.080	5925 to 6425 Pass
						-30	120	5955.040	5925 to 6425 Pass
						-20	120	5955.020	5925 to 6425 Pass
						-10	120	5954.880	5925 to 6425 Pass
						0	120	5955.060	5925 to 6425 Pass
	802.11ax (HEW20)	MIMO	5955	RU242	Left				



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						10	120	5955.060	5925 to 6425	Pass
						30	120	5955.020	5925 to 6425	Pass
						40	120	5955.020	5925 to 6425	Pass
						50	120	5955.000	5925 to 6425	Pass
			6175	RU242	Left	20	102	6175.060	5925 to 6425	Pass
							120	6174.980	5925 to 6425	Pass
							138	6175.080	5925 to 6425	Pass
						-30	120	6175.080	5925 to 6425	Pass
						-20	120	6175.020	5925 to 6425	Pass
						-10	120	6175.040	5925 to 6425	Pass
						0	120	6175.080	5925 to 6425	Pass
						10	120	6175.060	5925 to 6425	Pass
						30	120	6175.020	5925 to 6425	Pass
						40	120	6175.000	5925 to 6425	Pass
						50	120	6175.100	5925 to 6425	Pass
			6415	RU242	Left	20	102	6415.000	5925 to 6425	Pass
							120	6415.040	5925 to 6425	Pass
							138	6415.000	5925 to 6425	Pass
						-30	120	6414.980	5925 to 6425	Pass
						-20	120	6415.060	5925 to 6425	Pass
						-10	120	6415.020	5925 to 6425	Pass
						0	120	6415.060	5925 to 6425	Pass
						10	120	6415.020	5925 to 6425	Pass



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						30	120	6165.080	5925 to 6425	Pass
						40	120	6165.080	5925 to 6425	Pass
						50	120	6165.080	5925 to 6425	Pass
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							120	6405.080	5925 to 6425	Pass
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						10	120	6405.040	5925 to 6425	Pass
						30	120	6405.040	5925 to 6425	Pass
						40	120	6405.000	5925 to 6425	Pass
						50	120	6405.040	5925 to 6425	Pass
						20	102	5985.000	5925 to 6425	Pass
							120	5984.925	5925 to 6425	Pass
							138	5985.075	5925 to 6425	Pass
						-30	120	5985.000	5925 to 6425	Pass
						-20	120	5985.075	5925 to 6425	Pass
						-10	120	5985.075	5925 to 6425	Pass
						0	120	5985.000	5925 to 6425	Pass
						10	120	5985.075	5925 to 6425	Pass
						30	120	5985.075	5925 to 6425	Pass



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								6425	
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					10	120	6145.000	5925 to 6425	Pass
					30	120	6145.075	5925 to 6425	Pass
					40	120	6145.000	5925 to 6425	Pass
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						102	6385.075	5925 to 6425	Pass
					20	120	6385.075	5925 to 6425	Pass
						138	6384.925	5925 to 6425	Pass
					-30	120	6385.000	5925 to 6425	Pass
					-20	120	6385.000	5925 to 6425	Pass
					-10	120	6385.075	5925 to 6425	Pass
					0	120	6385.000	5925 to 6425	Pass
					10	120	6385.075	5925 to 6425	Pass
					30	120	6385.000	5925 to 6425	Pass



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						40	120	6385.075	5925 to 6425	Pass
						50	120	6385.075	5925 to 6425	Pass
	802.11ax (HEW160)	MIMO	6025	2xRU996	Left	20	102	6025.075	5925 to 6425	Pass
							120	6025.075	5925 to 6425	Pass
							138	6025.075	5925 to 6425	Pass
						-30	120	6025.075	5925 to 6425	Pass
						-20	120	6025.075	5925 to 6425	Pass
						-10	120	6025.075	5925 to 6425	Pass
						0	120	6025.075	5925 to 6425	Pass
						10	120	6025.000	5925 to 6425	Pass
						30	120	6025.075	5925 to 6425	Pass
						40	120	6025.075	5925 to 6425	Pass
						50	120	6025.075	5925 to 6425	Pass
			6185	2xRU996	Left	20	102	6185.075	5925 to 6425	Pass
							120	6185.075	5925 to 6425	Pass
							138	6185.150	5925 to 6425	Pass
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						0	120	6185.075	5925 to 6425	Pass
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						30	120	6185.075	5925 to 6425	Pass
						40	120	6185.075	5925 to 6425	Pass



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						10	120	6435.000	6425 to 6525	Pass
						30	120	6435.060	6425 to 6525	Pass
						40	120	6435.000	6425 to 6525	Pass
						50	120	6435.020	6425 to 6525	Pass
			6475	/	/	20	102	6475.020	6425 to 6525	Pass
							120	6475.040	6425 to 6525	Pass
							138	6475.000	6425 to 6525	Pass
						-30	120	6475.040	6425 to 6525	Pass
						-20	120	6475.000	6425 to 6525	Pass
						-10	120	6475.080	6425 to 6525	Pass
						0	120	6475.060	6425 to 6525	Pass
						10	120	6475.020	6425 to 6525	Pass
						30	120	6475.020	6425 to 6525	Pass
						40	120	6475.000	6425 to 6525	Pass
						50	120	6475.060	6425 to 6525	Pass
						6515	/	/	20	102
			120	6515.080	6425 to 6525					Pass
			138	6515.020	6425 to 6525					Pass
			-30	120	6515.080				6425 to 6525	Pass
			-20	120	6515.040				6425 to 6525	Pass
			-10	120	6515.060				6425 to 6525	Pass
			0	120	6515.080				6425 to 6525	Pass
			10	120	6515.060				6425 to 6525	Pass



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						30	120	6475.020	6425 to 6525	Pass
						40	120	6475.000	6425 to 6525	Pass
						50	120	6475.000	6425 to 6525	Pass
			6515	RU242	Left	20	102	6515.040	6425 to 6525	Pass
							120	6515.000	6425 to 6525	Pass
							138	6515.060	6425 to 6525	Pass
						-30	120	6514.980	6425 to 6525	Pass
						-20	120	6515.020	6425 to 6525	Pass
						-10	120	6515.000	6425 to 6525	Pass
						0	120	6515.000	6425 to 6525	Pass
						10	120	6515.080	6425 to 6525	Pass
						30	120	6515.040	6425 to 6525	Pass
						40	120	6515.060	6425 to 6525	Pass
						50	120	6515.020	6425 to 6525	Pass
			6445	RU484	Left	20	102	6445.080	6425 to 6525	Pass
							120	6445.120	6425 to 6525	Pass
							138	6445.040	6425 to 6525	Pass
						-30	120	6445.080	6425 to 6525	Pass
						-20	120	6445.080	6425 to 6525	Pass
						-10	120	6445.000	6425 to 6525	Pass
						0	120	6445.000	6425 to 6525	Pass
						10	120	6445.080	6425 to 6525	Pass
						30	120	6445.040	6425 to 6525	Pass



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									6525	
						40	120	6445.000	6425 to 6525	Pass
						50	120	6445.000	6425 to 6525	Pass
			6485	RU484	Left	20	102	6485.040	6425 to 6525	Pass
							120	6485.080	6425 to 6525	Pass
							138	6485.160	6425 to 6525	Pass
						-30	120	6485.040	6425 to 6525	Pass
						-20	120	6485.040	6425 to 6525	Pass
						-10	120	6485.000	6425 to 6525	Pass
						0	120	6485.080	6425 to 6525	Pass
	10	120				6485.040	6425 to 6525	Pass		
	30	120				6485.080	6425 to 6525	Pass		
	40	120				6485.080	6425 to 6525	Pass		
	50	120	6485.000	6425 to 6525	Pass					
	802.11ax (HEW80)	MIMO	6465	RU996	Left	20	102	6465.000	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	6465.075	6425 to 6525	Pass
0						120	6465.075	6425 to 6525	Pass	
10						120	6465.150	6425 to 6525	Pass	
30						120	6465.000	6425 to 6525	Pass	



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

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	SISO	6535	/	/	20	102	6535.000	6525 to 6875	Pass
							120	6534.960	6525 to 6875	Pass
							138	6535.060	6525 to 6875	Pass
						-30	120	6535.060	6525 to 6875	Pass
						-20	120	6535.100	6525 to 6875	Pass
						-10	120	6535.040	6525 to 6875	Pass
						0	120	6535.080	6525 to 6875	Pass
						10	120	6535.020	6525 to 6875	Pass
						30	120	6535.080	6525 to 6875	Pass
						40	120	6535.020	6525 to 6875	Pass
						50	120	6535.080	6525 to 6875	Pass
			6695	/	/	20	102	6695.040	6525 to 6875	Pass
							120	6695.020	6525 to 6875	Pass
							138	6695.020	6525 to 6875	Pass
						-30	120	6695.080	6525 to 6875	Pass
						-20	120	6695.000	6525 to 6875	Pass
						-10	120	6695.040	6525 to 6875	Pass
						0	120	6695.000	6525 to	Pass



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								6875	
						10	120	6695.060	6525 to 6875 Pass
						30	120	6695.100	6525 to 6875 Pass
						40	120	6695.040	6525 to 6875 Pass
						50	120	6695.000	6525 to 6875 Pass
			6855	/	/				
						20	102	6855.020	6525 to 6875 Pass
							120	6855.020	6525 to 6875 Pass
							138	6854.980	6525 to 6875 Pass
						-30	120	6855.100	6525 to 6875 Pass
						-20	120	6855.040	6525 to 6875 Pass
						-10	120	6855.040	6525 to 6875 Pass
						0	120	6855.100	6525 to 6875 Pass
						10	120	6855.020	6525 to 6875 Pass
						30	120	6855.000	6525 to 6875 Pass
						40	120	6854.980	6525 to 6875 Pass
						50	120	6855.020	6525 to 6875 Pass
	802.11ax (HEW20)	MIMO	6535	RU242	Left				
						20	102	6535.020	6525 to 6875 Pass
							120	6534.960	6525 to 6875 Pass
							138	6535.040	6525 to 6875 Pass
						-30	120	6535.080	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



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						10	120	6535.040	6525 to 6875	Pass
						30	120	6535.040	6525 to 6875	Pass
						40	120	6535.000	6525 to 6875	Pass
						50	120	6535.040	6525 to 6875	Pass
			6695	RU242	Left	20	102	6695.060	6525 to 6875	Pass
							120	6694.980	6525 to 6875	Pass
							138	6695.040	6525 to 6875	Pass
						-30	120	6695.080	6525 to 6875	Pass
						-20	120	6695.080	6525 to 6875	Pass
						-10	120	6695.020	6525 to 6875	Pass
						0	120	6695.000	6525 to 6875	Pass
						10	120	6695.020	6525 to 6875	Pass
						30	120	6695.040	6525 to 6875	Pass
						40	120	6695.020	6525 to 6875	Pass
						50	120	6695.060	6525 to 6875	Pass
			6855	RU242	Left	20	102	6855.020	6525 to 6875	Pass
							120	6855.040	6525 to 6875	Pass
							138	6855.000	6525 to 6875	Pass
						-30	120	6855.060	6525 to 6875	Pass
						-20	120	6855.140	6525 to 6875	Pass
						-10	120	6855.040	6525 to 6875	Pass
						0	120	6855.040	6525 to 6875	Pass
						10	120	6855.040	6525 to 6875	Pass



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								6875	
						30	120	6855.080	6525 to 6875 Pass
						40	120	6855.060	6525 to 6875 Pass
						50	120	6855.040	6525 to 6875 Pass
							102	6565.080	6525 to 6875 Pass
						20	120	6565.080	6525 to 6875 Pass
							138	6565.040	6525 to 6875 Pass
						-30	120	6565.040	6525 to 6875 Pass
						-20	120	6565.080	6525 to 6875 Pass
						-10	120	6565.040	6525 to 6875 Pass
						0	120	6565.000	6525 to 6875 Pass
						10	120	6565.080	6525 to 6875 Pass
						30	120	6565.040	6525 to 6875 Pass
						40	120	6565.120	6525 to 6875 Pass
						50	120	6565.080	6525 to 6875 Pass
							102	6685.040	6525 to 6875 Pass
						20	120	6685.040	6525 to 6875 Pass
							138	6685.000	6525 to 6875 Pass
						-30	120	6684.960	6525 to 6875 Pass
						-20	120	6685.000	6525 to 6875 Pass
						-10	120	6685.040	6525 to 6875 Pass
						0	120	6684.960	6525 to 6875 Pass
						10	120	6685.040	6525 to 6875 Pass



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						30	120	6685.080	6525 to 6875	Pass
						40	120	6685.080	6525 to 6875	Pass
						50	120	6684.960	6525 to 6875	Pass
						20	102	6845.080	6525 to 6875	Pass
							120	6845.120	6525 to 6875	Pass
							138	6845.080	6525 to 6875	Pass
						-30	120	6845.000	6525 to 6875	Pass
						-20	120	6845.000	6525 to 6875	Pass
						-10	120	6845.040	6525 to 6875	Pass
						0	120	6845.000	6525 to 6875	Pass
						10	120	6845.040	6525 to 6875	Pass
						30	120	6845.120	6525 to 6875	Pass
						40	120	6845.000	6525 to 6875	Pass
						50	120	6845.120	6525 to 6875	Pass
						20	102	6625.075	6525 to 6875	Pass
							120	6625.075	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	6625.075	6525 to 6875	Pass
						0	120	6625.000	6525 to 6875	Pass
						10	120	6625.075	6525 to 6875	Pass
						30	120	6625.000	6525 to 6875	Pass



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								6875	
					40	120	6625.075	6525 to 6875	Pass
					50	120	6625.075	6525 to 6875	Pass
						102	6705.000	6525 to 6875	Pass
					20	120	6704.925	6525 to 6875	Pass
						138	6705.000	6525 to 6875	Pass
					-30	120	6705.000	6525 to 6875	Pass
					-20	120	6705.075	6525 to 6875	Pass
					-10	120	6705.000	6525 to 6875	Pass
					0	120	6705.075	6525 to 6875	Pass
					10	120	6705.000	6525 to 6875	Pass
					30	120	6705.000	6525 to 6875	Pass
					40	120	6705.000	6525 to 6875	Pass
					50	120	6705.000	6525 to 6875	Pass
						102	6785.075	6525 to 6875	Pass
					20	120	6785.075	6525 to 6875	Pass
						138	6785.075	6525 to 6875	Pass
					-30	120	6785.075	6525 to 6875	Pass
					-20	120	6785.075	6525 to 6875	Pass
					-10	120	6784.925	6525 to 6875	Pass
					0	120	6785.000	6525 to 6875	Pass
					10	120	6785.075	6525 to 6875	Pass
					30	120	6785.075	6525 to 6875	Pass



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						40	120	6785.075	6525 to 6875	Pass
						50	120	6785.075	6525 to 6875	Pass
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	20	102	6665.075	6525 to 6875	Pass
							120	6665.000	6525 to 6875	Pass
							138	6665.000	6525 to 6875	Pass
						-30	120	6665.150	6525 to 6875	Pass
						-20	120	6665.075	6525 to 6875	Pass
						-10	120	6665.075	6525 to 6875	Pass
						0	120	6665.000	6525 to 6875	Pass
						10	120	6665.075	6525 to 6875	Pass
						30	120	6665.075	6525 to 6875	Pass
						40	120	6665.075	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	SISO	6895	/	/	20	102	6895.040	6875 to 7125	Pass
							120	6895.040	6875 to 7125	Pass
							138	6895.060	6875 to 7125	Pass
						-30	120	6895.060	6875 to 7125	Pass
						-20	120	6895.000	6875 to 7125	Pass
						-10	120	6895.040	6875 to 7125	Pass
						0	120	6895.060	6875 to	Pass



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								7125	
					10	120	6895.020	6875 to 7125	Pass
					30	120	6895.060	6875 to 7125	Pass
					40	120	6895.020	6875 to 7125	Pass
					50	120	6895.060	6875 to 7125	Pass
			6995	/	/				
					20	102	6995.020	6875 to 7125	Pass
						120	6995.020	6875 to 7125	Pass
						138	6995.000	6875 to 7125	Pass
					-30	120	6995.040	6875 to 7125	Pass
					-20	120	6995.020	6875 to 7125	Pass
					-10	120	6995.060	6875 to 7125	Pass
					0	120	6995.020	6875 to 7125	Pass
					10	120	6995.020	6875 to 7125	Pass
					30	120	6995.020	6875 to 7125	Pass
					40	120	6995.020	6875 to 7125	Pass
					50	120	6994.960	6875 to 7125	Pass
			7115	/	/				
					20	102	7115.040	6875 to 7125	Pass
						120	7114.980	6875 to 7125	Pass
						138	7114.980	6875 to 7125	Pass
					-30	120	7115.020	6875 to 7125	Pass
					-20	120	7115.040	6875 to 7125	Pass
					-10	120	7115.000	6875 to 7125	Pass
					0	120	7114.960	6875 to 7125	Pass



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						10	120	7115.020	6875 to 7125	Pass
						30	120	7115.040	6875 to 7125	Pass
						40	120	7114.980	6875 to 7125	Pass
						50	120	7115.040	6875 to 7125	Pass
	802.11ax (HEW20)	MIMO	6895	RU242	Left	20	102	6895.020	6875 to 7125	Pass
							120	6894.980	6875 to 7125	Pass
							138	6895.040	6875 to 7125	Pass
						-30	120	6895.040	6875 to 7125	Pass
						-20	120	6895.020	6875 to 7125	Pass
						-10	120	6895.060	6875 to 7125	Pass
						0	120	6895.080	6875 to 7125	Pass
						10	120	6895.100	6875 to 7125	Pass
						30	120	6895.100	6875 to 7125	Pass
						40	120	6895.000	6875 to 7125	Pass
						50	120	6895.020	6875 to 7125	Pass
			6995	RU242	Left	20	102	6995.060	6875 to 7125	Pass
							120	6995.060	6875 to 7125	Pass
							138	6995.080	6875 to 7125	Pass
						-30	120	6995.040	6875 to 7125	Pass
						-20	120	6995.000	6875 to 7125	Pass
						-10	120	6995.040	6875 to 7125	Pass
						0	120	6995.000	6875 to 7125	Pass
						10	120	6995.080	6875 to 7125	Pass



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						30	120	6925.080	6875 to 7125	Pass
						40	120	6925.080	6875 to 7125	Pass
						50	120	6925.080	6875 to 7125	Pass
			7005	RU484	Left	20	102	7005.040	6875 to 7125	Pass
							120	7005.000	6875 to 7125	Pass
							138	7005.120	6875 to 7125	Pass
						-30	120	7005.080	6875 to 7125	Pass
						-20	120	7005.120	6875 to 7125	Pass
						-10	120	7005.080	6875 to 7125	Pass
						0	120	7005.120	6875 to 7125	Pass
						10	120	7005.040	6875 to 7125	Pass
						30	120	7005.080	6875 to 7125	Pass
						40	120	7005.040	6875 to 7125	Pass
						50	120	7005.040	6875 to 7125	Pass
			7085	RU484	Left	20	102	7085.000	6875 to 7125	Pass
							120	7085.160	6875 to 7125	Pass
							138	7085.040	6875 to 7125	Pass
						-30	120	7085.000	6875 to 7125	Pass
						-20	120	7085.080	6875 to 7125	Pass
						-10	120	7085.040	6875 to 7125	Pass
						0	120	7085.080	6875 to 7125	Pass
						10	120	7085.040	6875 to 7125	Pass
						30	120	7085.000	6875 to 7125	Pass



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						40	120	7025.000	6875 to 7125	Pass
						50	120	7025.075	6875 to 7125	Pass
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	20	102	6985.075	6875 to 7125	Pass
							120	6985.075	6875 to 7125	Pass
							138	6985.075	6875 to 7125	Pass
						-30	120	6985.075	6875 to 7125	Pass
						-20	120	6985.075	6875 to 7125	Pass
						-10	120	6985.075	6875 to 7125	Pass
						0	120	6985.075	6875 to 7125	Pass
						10	120	6985.075	6875 to 7125	Pass
						30	120	6985.075	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	SISO	6875	/	/	20	102	6875.020	6525 to 7125	Pass
							120	6875.060	6525 to 7125	Pass
							138	6875.060	6525 to 7125	Pass
						-30	120	6875.060	6525 to 7125	Pass
						-20	120	6875.020	6525 to 7125	Pass
						-10	120	6875.060	6525 to 7125	Pass
						0	120	6874.980	6525 to	Pass



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									7125	
						10	120	6875.020	6525 to 7125	Pass
						30	120	6875.060	6525 to 7125	Pass
						40	120	6874.980	6525 to 7125	Pass
						50	120	6875.040	6525 to 7125	Pass
	802.11ax (HEW20)	MIMO	6875	RU242	Left	20	102	6875.120	6525 to 7125	Pass
							120	6875.060	6525 to 7125	Pass
							138	6875.040	6525 to 7125	Pass
						-30	120	6875.020	6525 to 7125	Pass
						-20	120	6875.000	6525 to 7125	Pass
						-10	120	6875.040	6525 to 7125	Pass
						0	120	6874.980	6525 to 7125	Pass
						10	120	6875.000	6525 to 7125	Pass
						30	120	6875.100	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	6885.040	6525 to 7125	Pass
							120	6885.000	6525 to 7125	Pass
							138	6885.040	6525 to 7125	Pass
						-30	120	6885.000	6525 to 7125	Pass
-20						120	6885.040	6525 to 7125	Pass	
-10						120	6885.120	6525 to 7125	Pass	
0						120	6885.000	6525 to 7125	Pass	



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						10	120	6885.040	6525 to 7125	Pass
						30	120	6885.040	6525 to 7125	Pass
						40	120	6885.000	6525 to 7125	Pass
						50	120	6884.960	6525 to 7125	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	20	102	6865.075	6525 to 7125	Pass
							120	6865.000	6525 to 7125	Pass
							138	6865.075	6525 to 7125	Pass
						-30	120	6865.075	6525 to 7125	Pass
						-20	120	6865.075	6525 to 7125	Pass
						-10	120	6865.000	6525 to 7125	Pass
						0	120	6865.075	6525 to 7125	Pass
						10	120	6865.075	6525 to 7125	Pass
						30	120	6865.075	6525 to 7125	Pass
						40	120	6865.000	6525 to 7125	Pass
						50	120	6864.925	6525 to 7125	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	20	102	6825.150	6525 to 7125	Pass
							120	6825.075	6525 to 7125	Pass
							138	6825.075	6525 to 7125	Pass
						-30	120	6825.075	6525 to 7125	Pass
						-20	120	6825.075	6525 to 7125	Pass
						-10	120	6825.075	6525 to 7125	Pass
						0	120	6825.000	6525 to 7125	Pass
						10	120	6825.075	6525 to 7125	Pass



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									7125	
						30	120	6825.000	6525 to 7125	Pass
						40	120	6825.000	6525 to 7125	Pass
						50	120	6825.075	6525 to 7125	Pass

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	6525.120	6425 to 6875	Pass
							138	6525.000	6425 to 6875	Pass
						-30	120	6525.040	6425 to 6875	Pass
						-20	120	6525.120	6425 to 6875	Pass
						-10	120	6525.000	6425 to 6875	Pass
						0	120	6525.080	6425 to 6875	Pass
						10	120	6525.040	6425 to 6875	Pass
						30	120	6525.040	6425 to 6875	Pass
						40	120	6525.040	6425 to 6875	Pass
						50	120	6525.080	6425 to 6875	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	20	102	6545.000	6425 to 6875	Pass
							120	6545.075	6425 to 6875	Pass
							138	6545.075	6425 to 6875	Pass
						-30	120	6545.075	6425 to 6875	Pass
						-20	120	6545.075	6425 to 6875	Pass



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SZEMC-TRF-01 Rev. A/1

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						-10	120	6545.075	6425 to 6875	Pass
						0	120	6545.000	6425 to 6875	Pass
						10	120	6545.075	6425 to 6875	Pass
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						20	102	6505.075	6425 to 6875	Pass
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						10	120	6505.075	6425 to 6875	Pass
						30	120	6505.075	6425 to 6875	Pass
						40	120	6505.000	6425 to 6875	Pass
						50	120	6505.075	6425 to 6875	Pass

802.11ax
(HEW160)

MIMO

6505

2xRU996

Left



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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	SISO	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	SISO	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



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6.1.3 EMask

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11a	SISO	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	SISO	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	SISO	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



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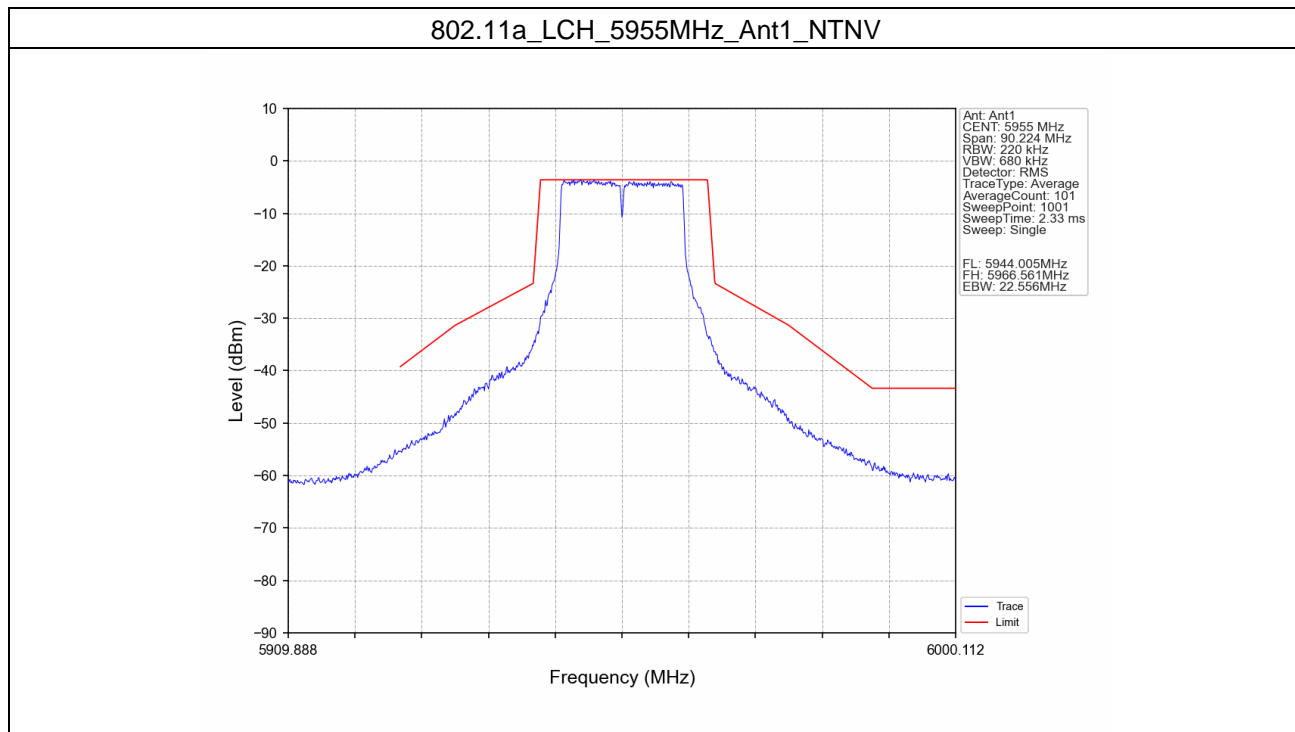
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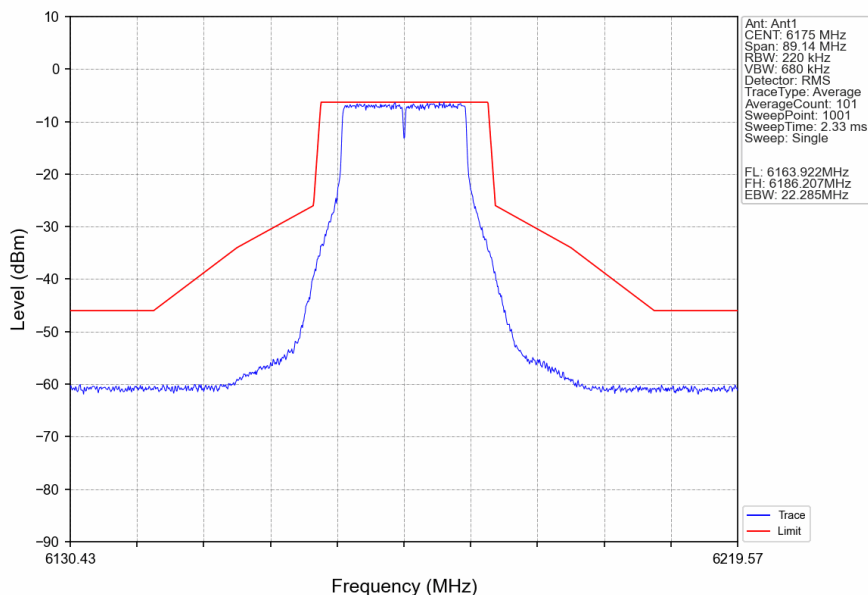
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6.2 Test Graph

6.2.1 EMask



802.11a_MCH_6175MHz_Ant1_NTNV



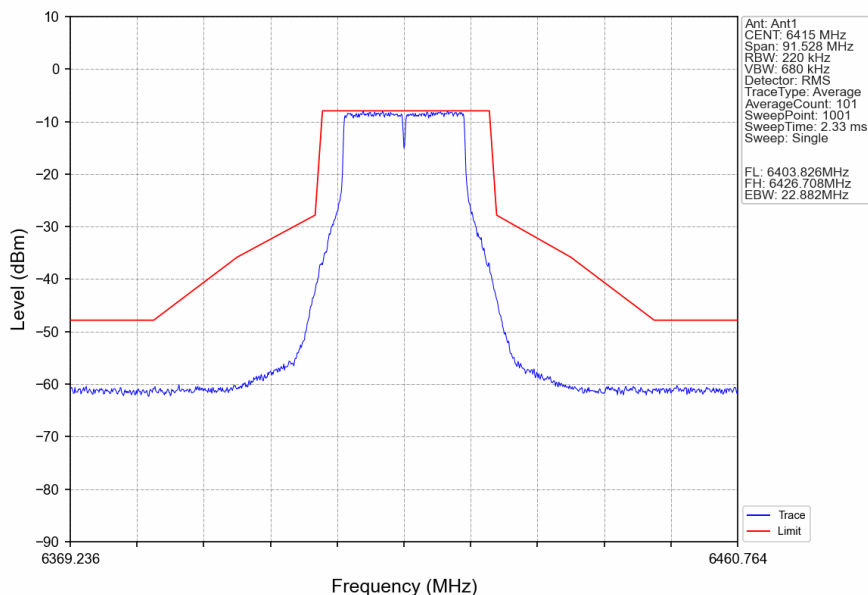
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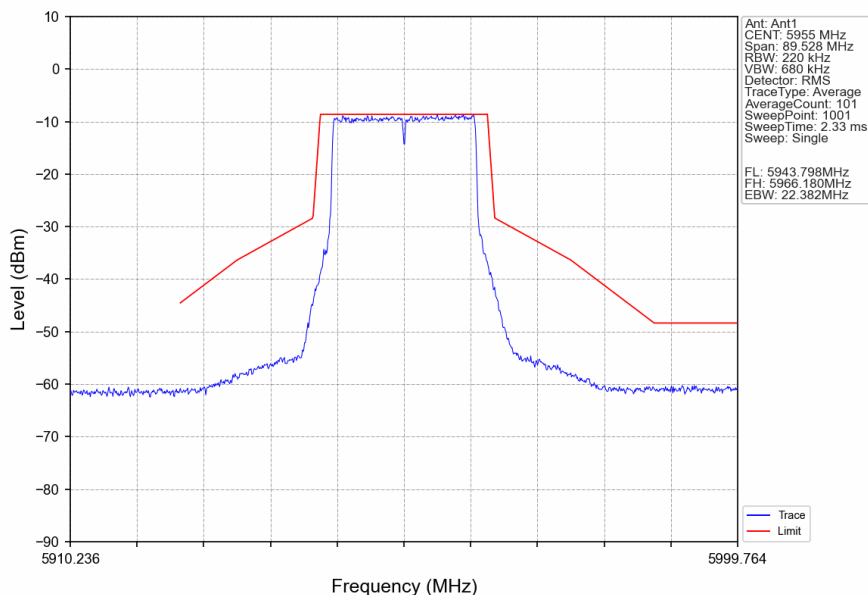
802.11a_HCH_6415MHz_Ant1_NTNV



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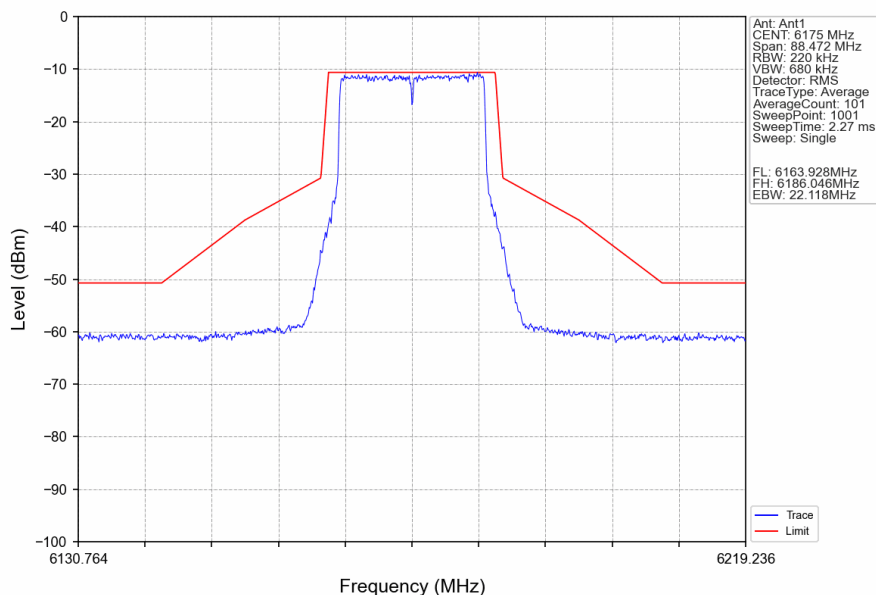
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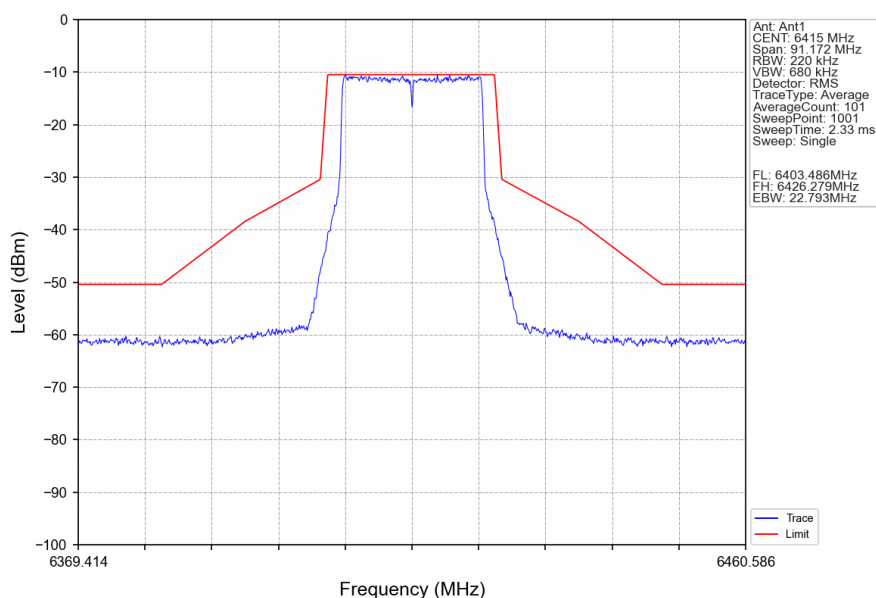
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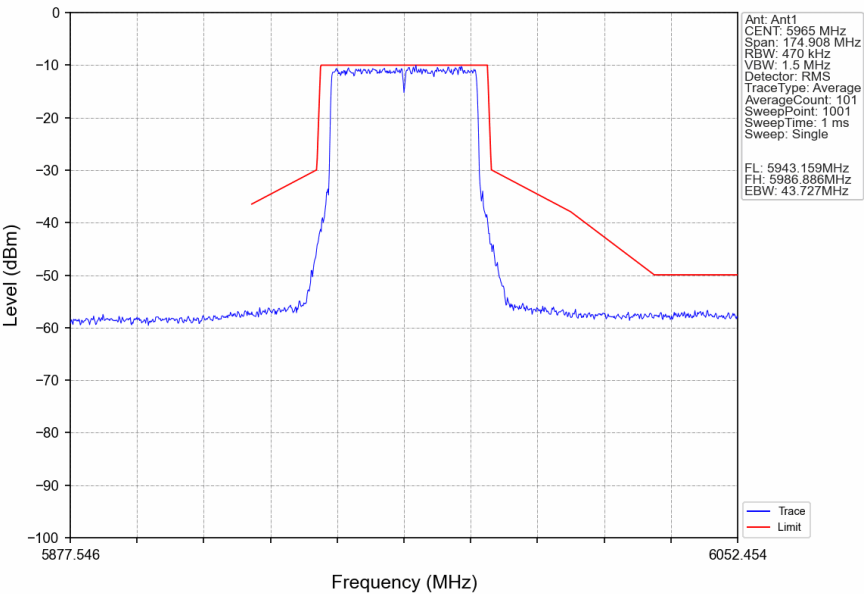
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802.11ax(HEW20)_HCH_6415MHz_RU242_Left_Ant1_NTNV



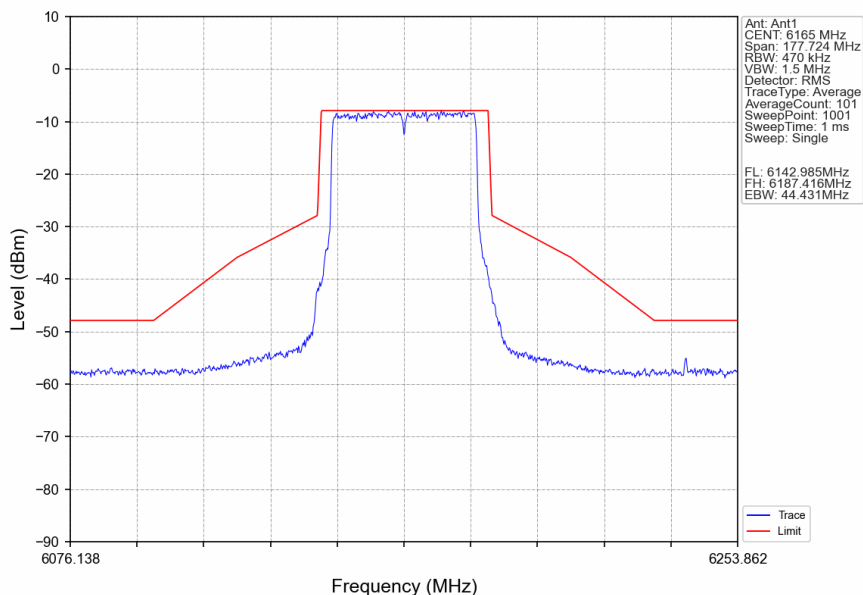
802.11ax(HEW40)_LCH_5965MHz_RU484_Left_Ant1_NTNV



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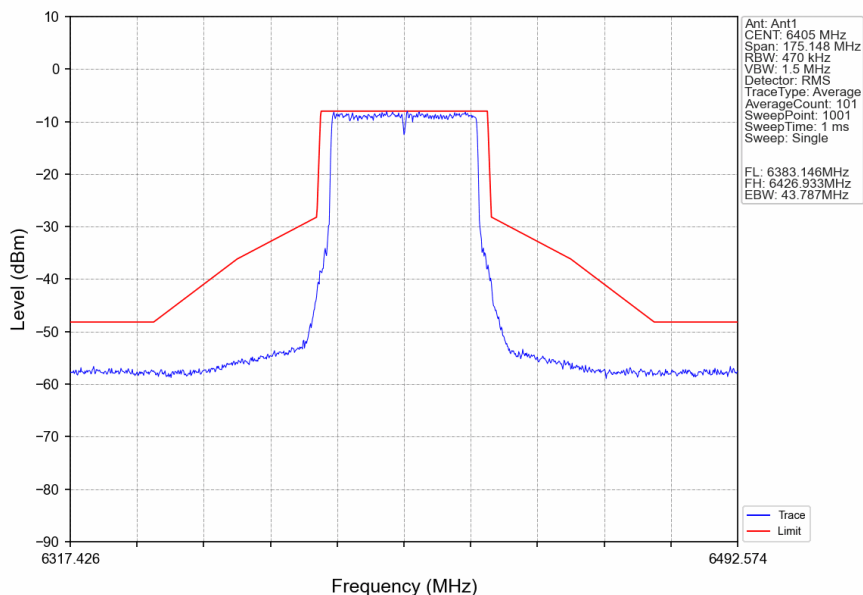
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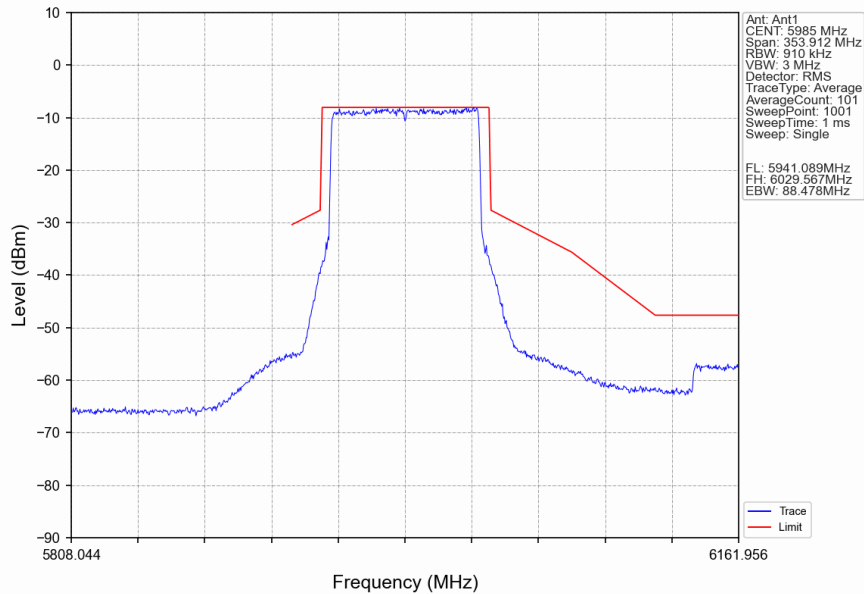
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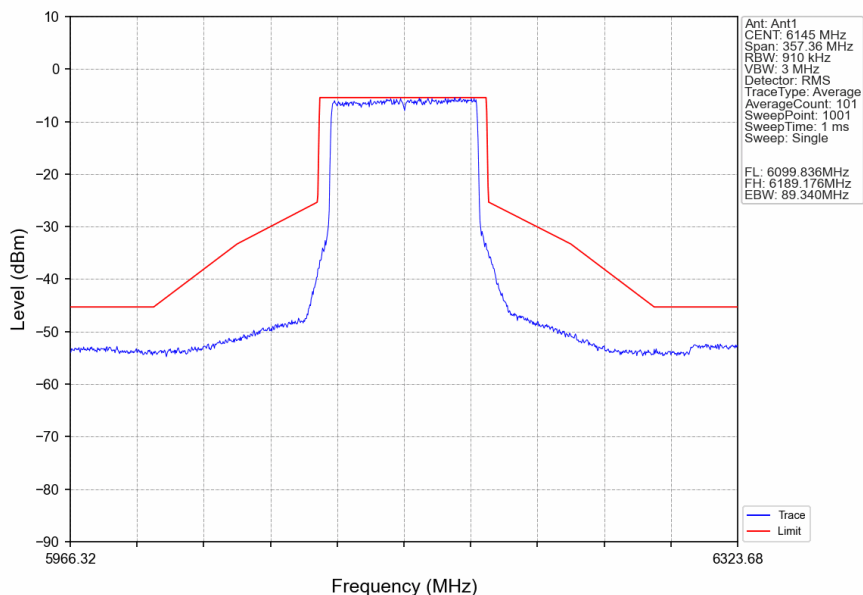
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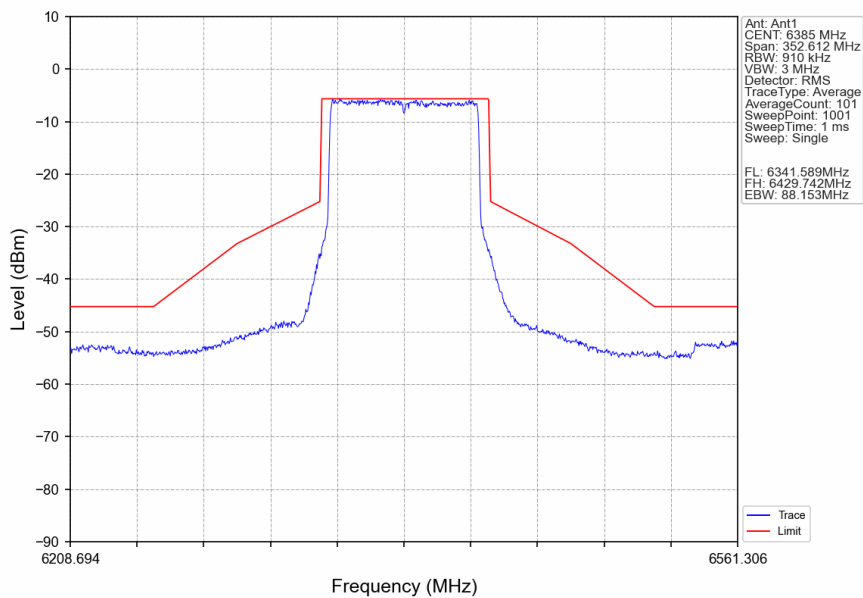
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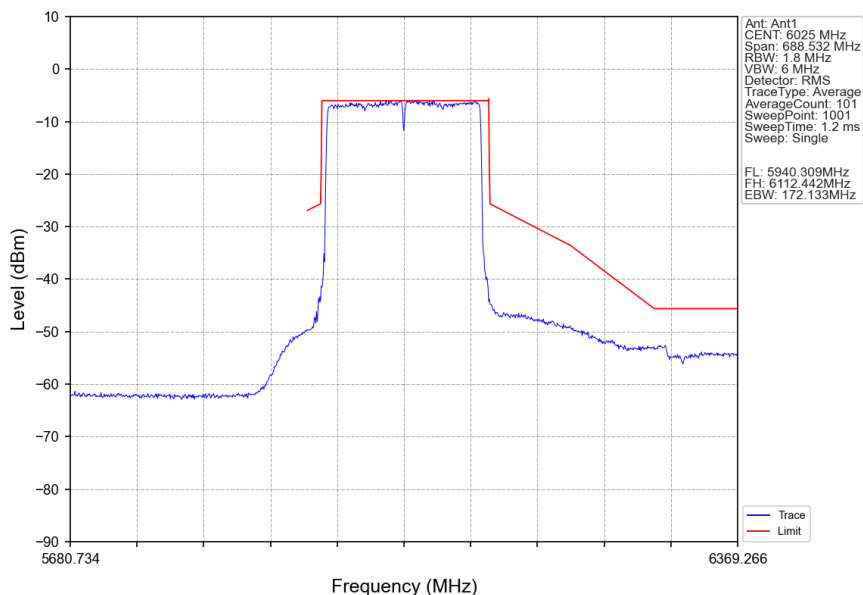
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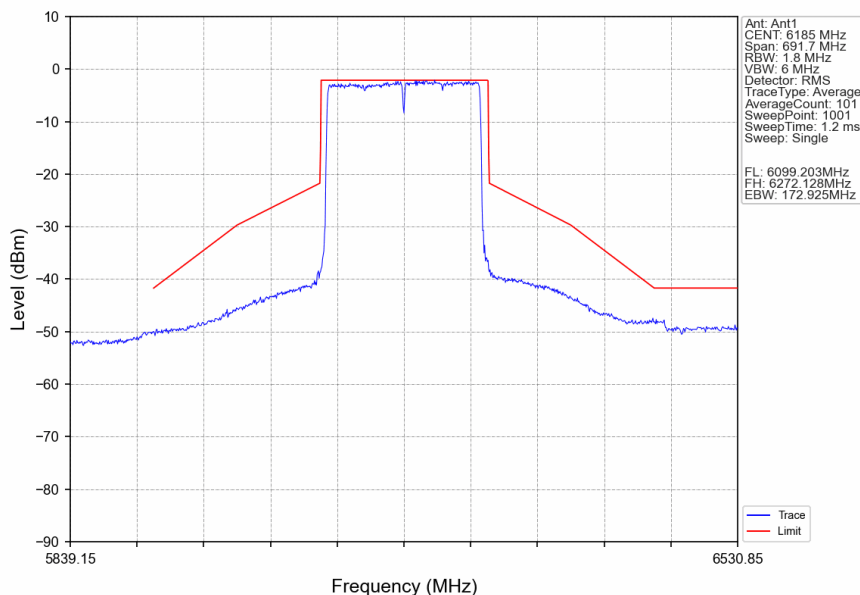
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802.11ax(HEW160)_LCH_6025MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_MCH_6185MHz_2xRU996_Left_Ant1_NTNV



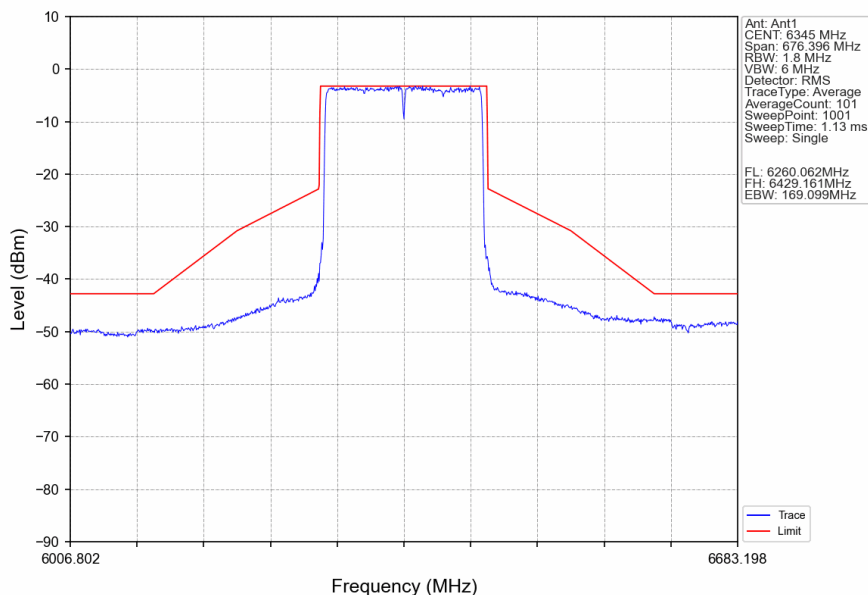
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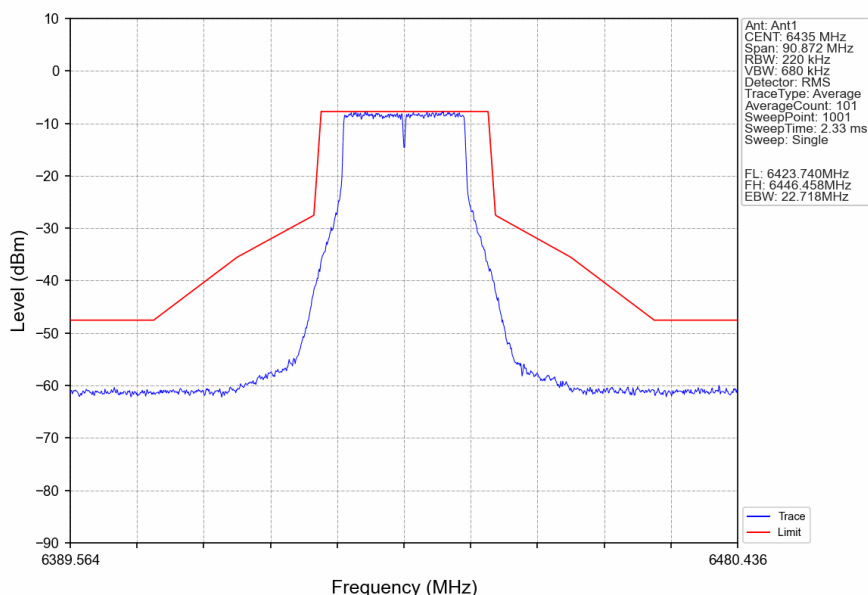
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802.11ax(HEW160)_HCH_6345MHz_2xRU996_Left_Ant1_NTNV



6.2.2 EMask

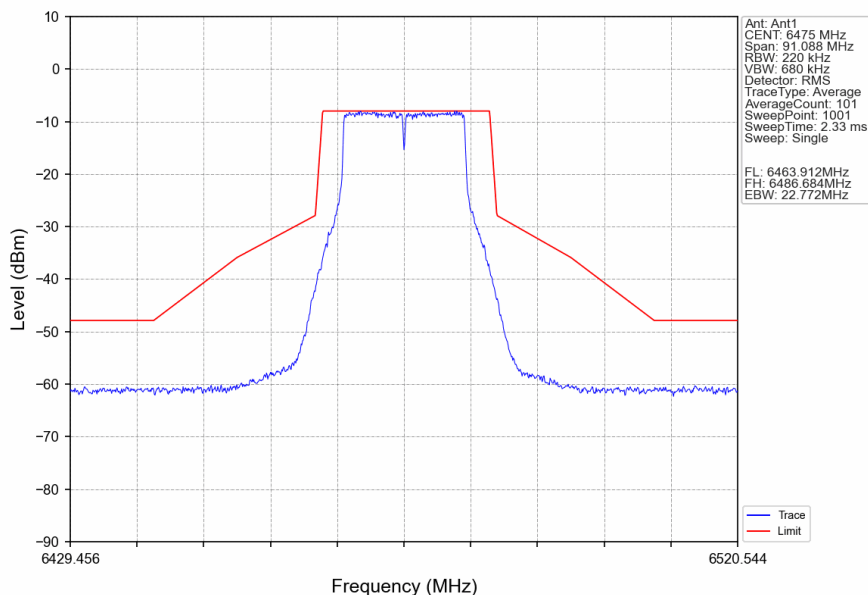
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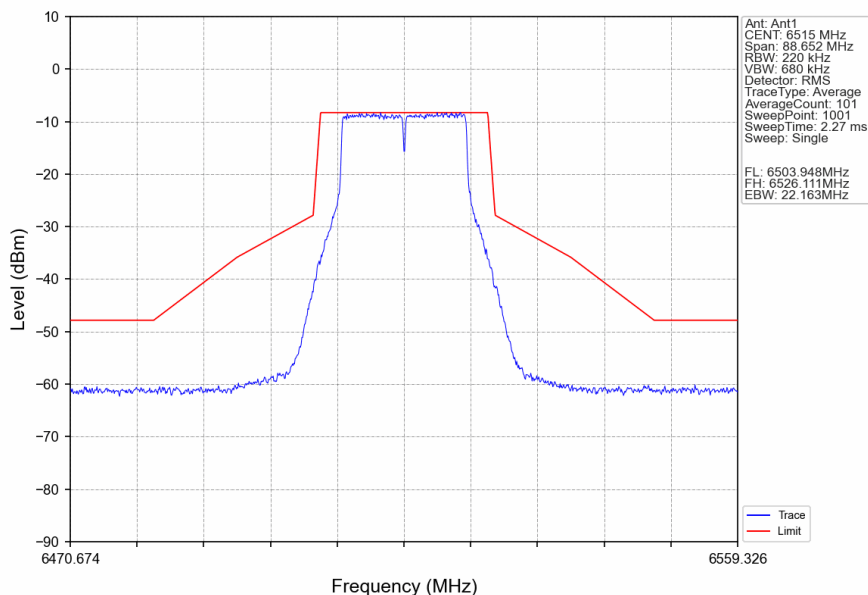
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802.11a_MCH_6475MHz_Ant1_NTNV



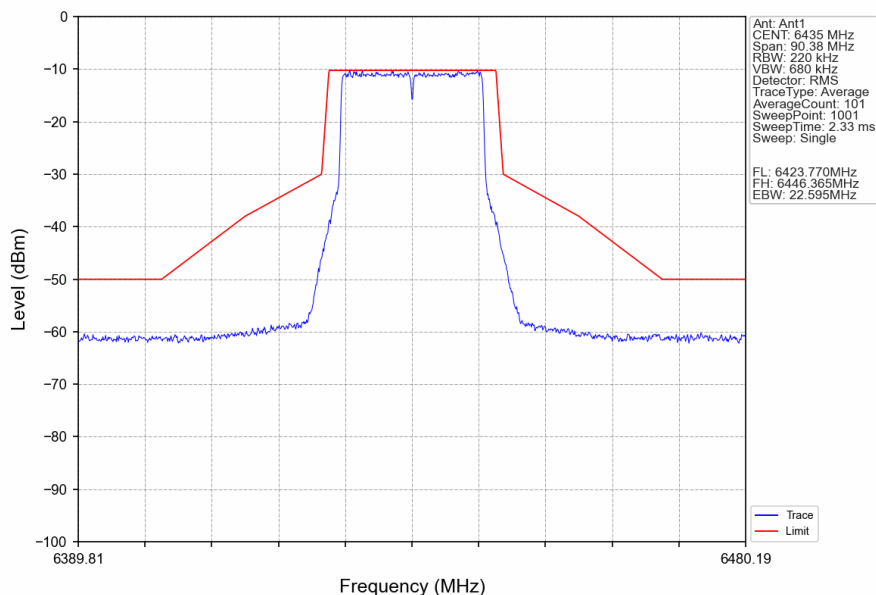
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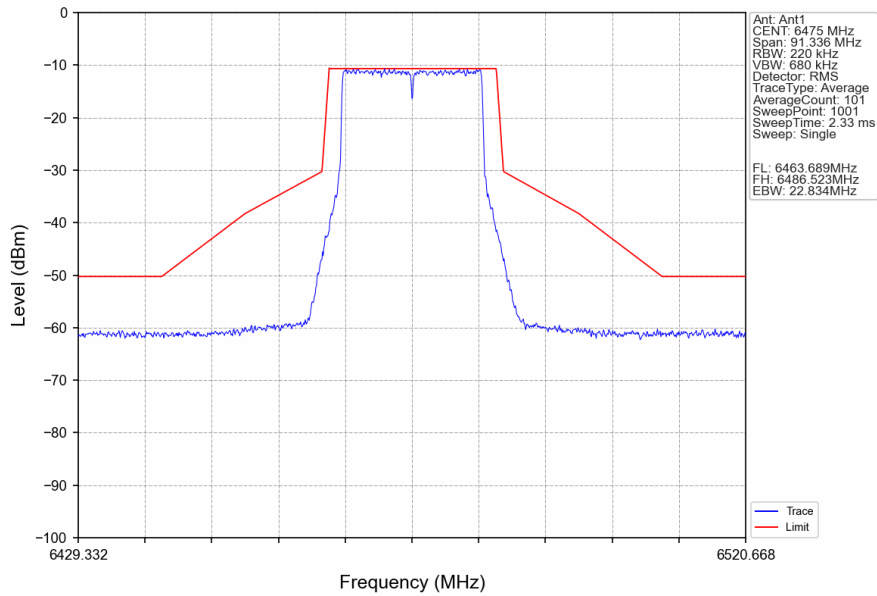
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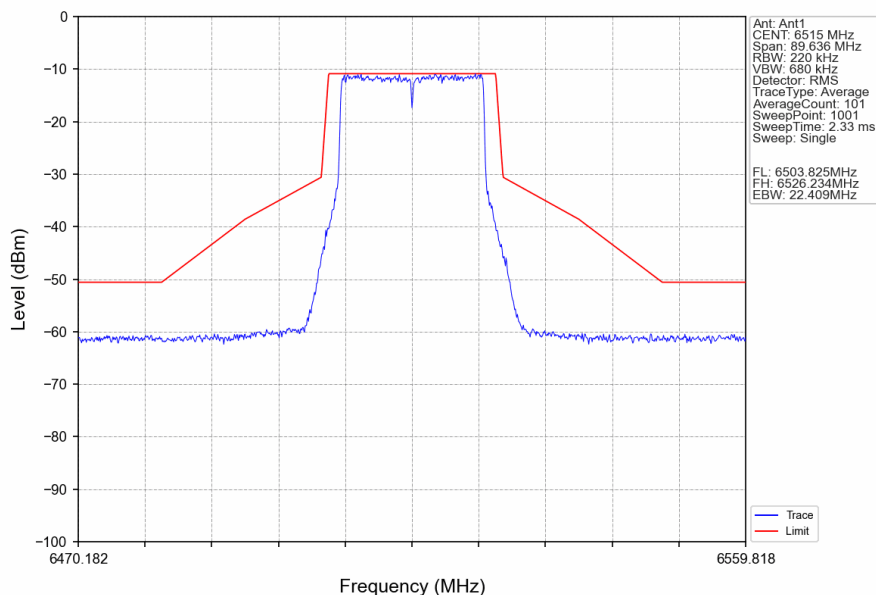
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802.11ax(HEW20)_MCH_6475MHz_RU242_Left_Ant1_NTNV



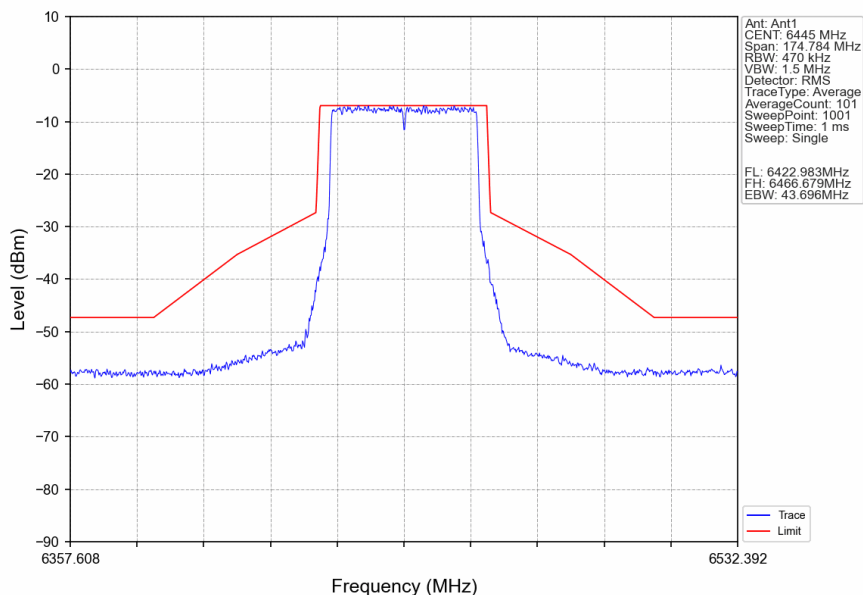
802.11ax(HEW20)_HCH_6515MHz_RU242_Left_Ant1_NTNV



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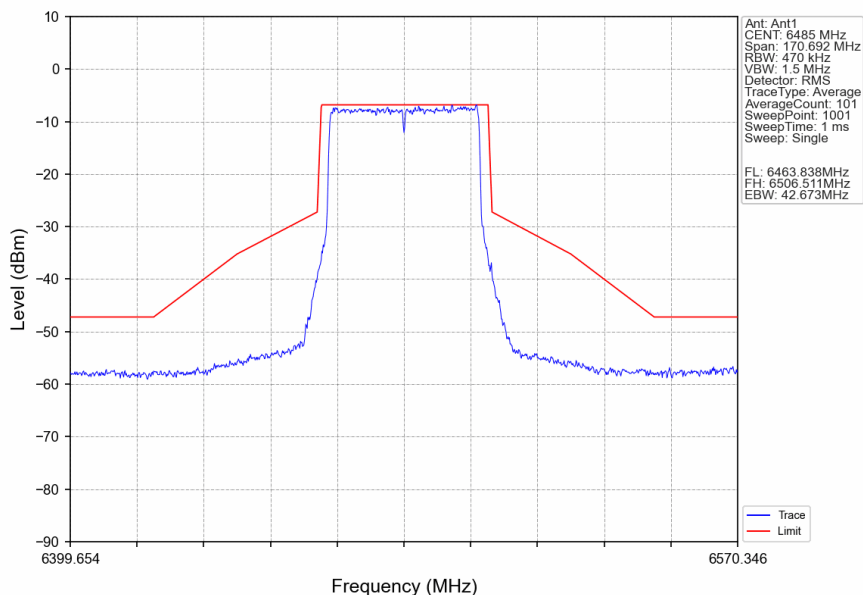
802.11ax(HEW40)_LCH_6445MHz_RU484_Left_Ant1_NTNV



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802.11ax(HEW40)_MCH_6485MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_LCH_6465MHz_RU996_Left_Ant1_NTNV

