

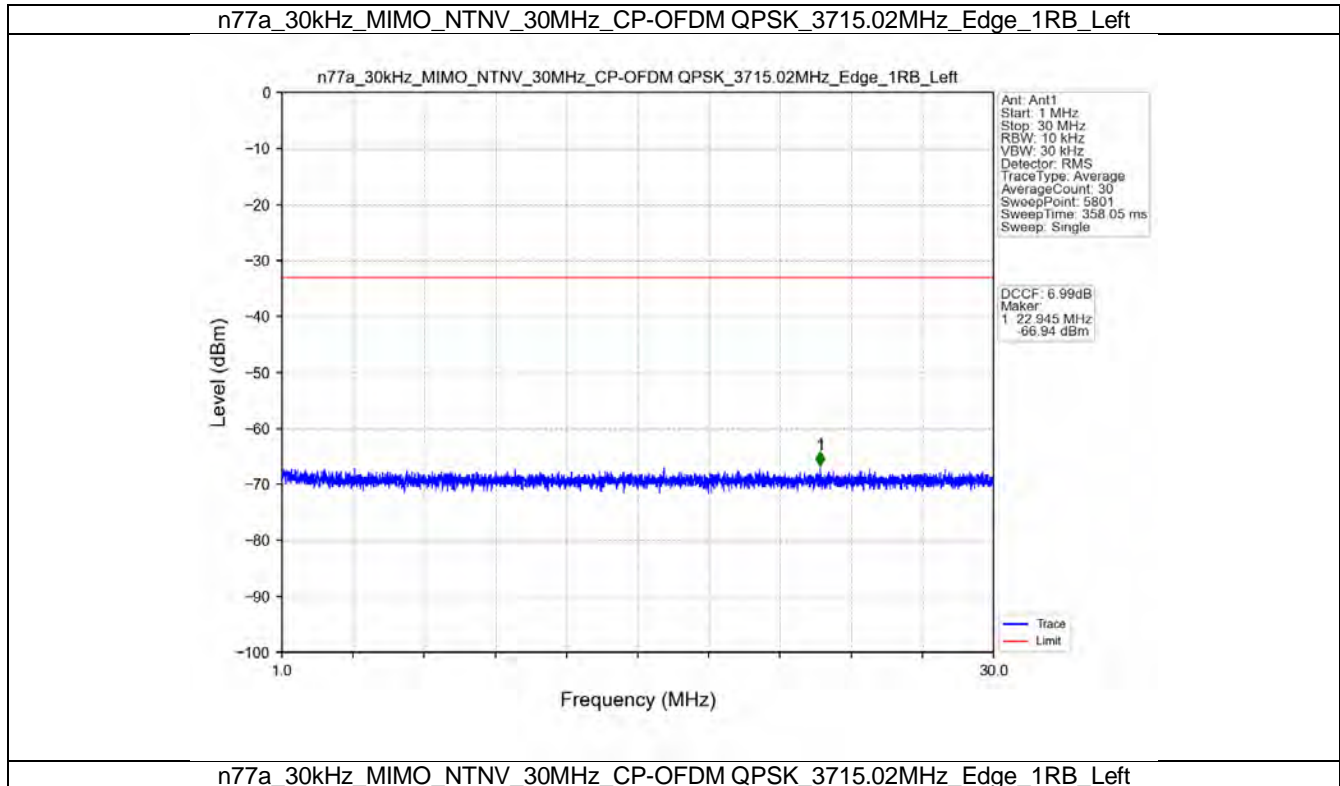


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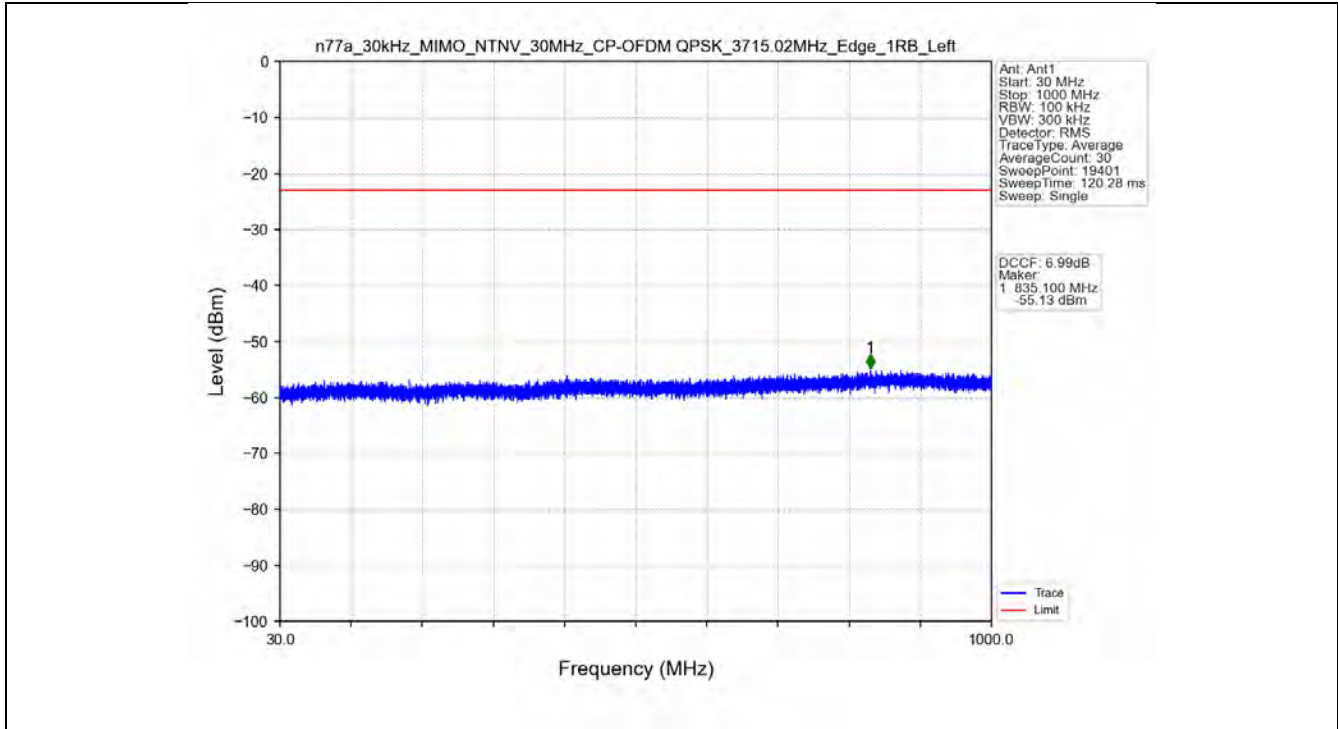


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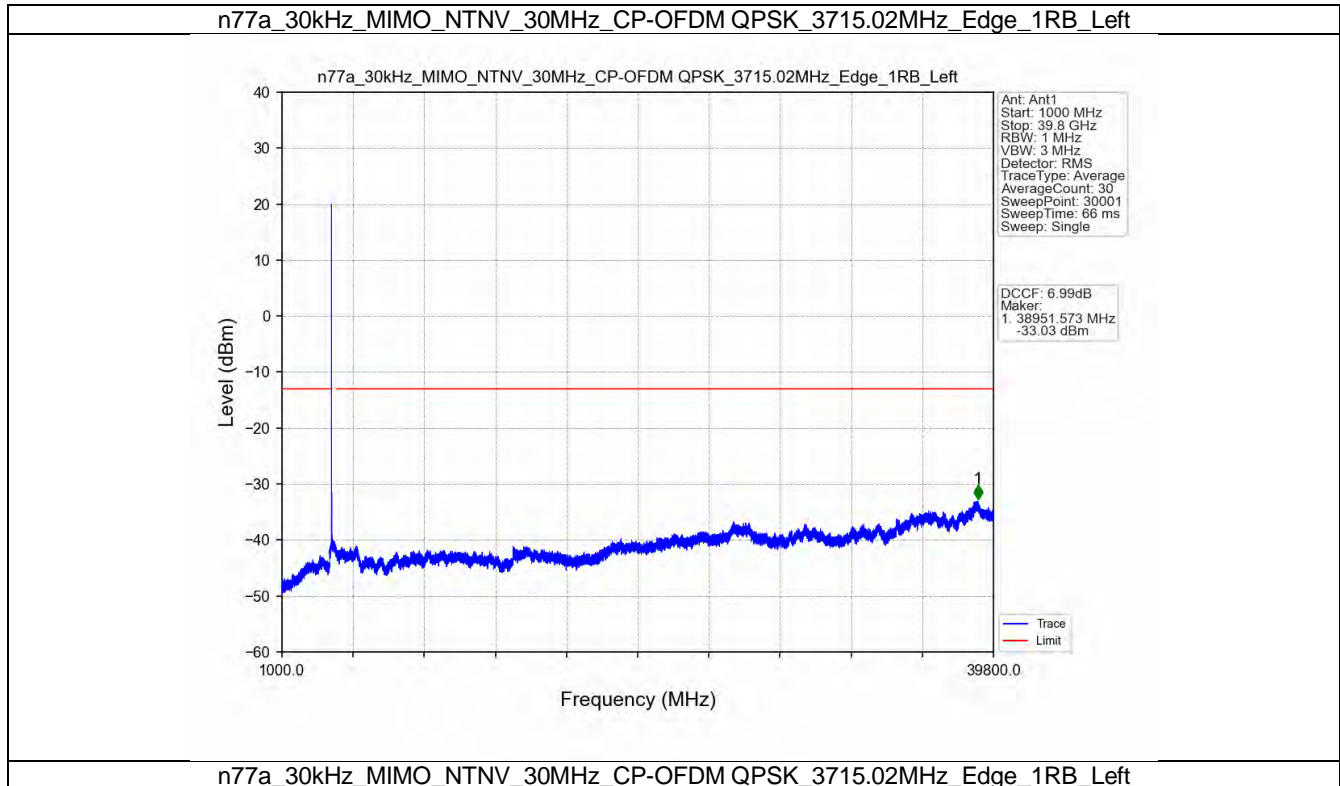


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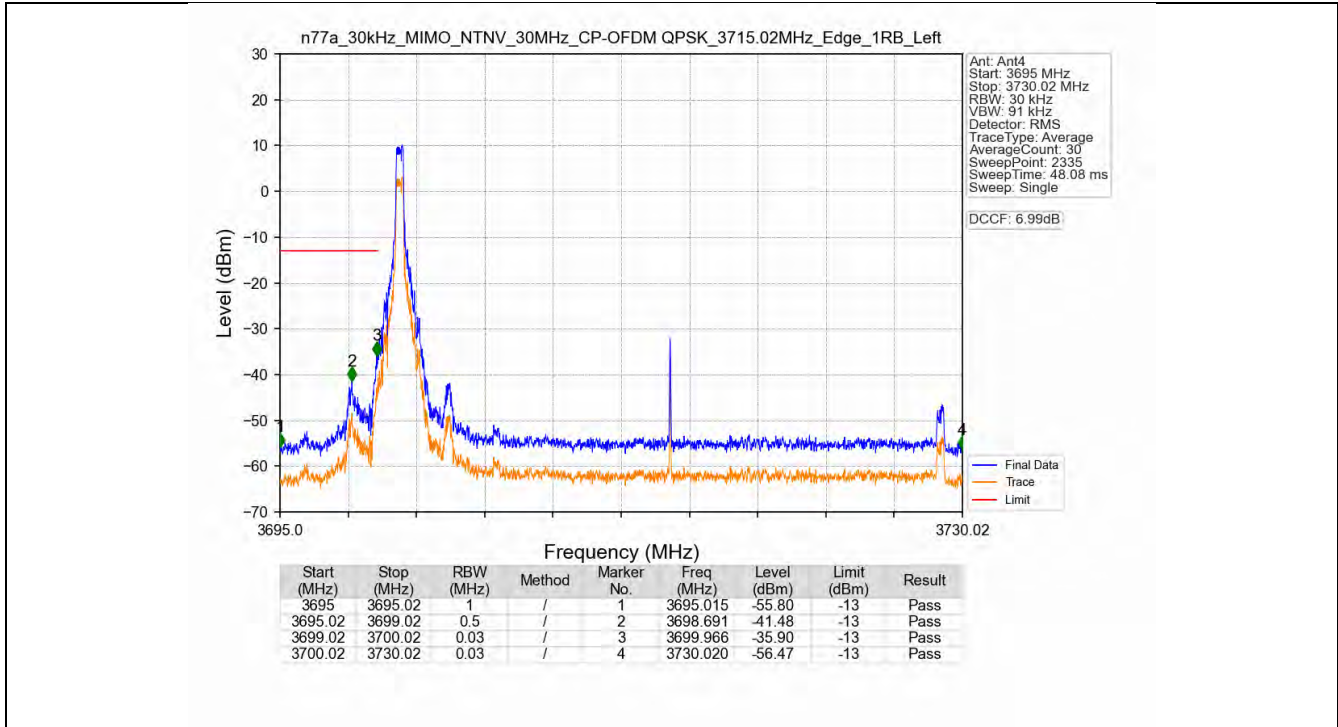


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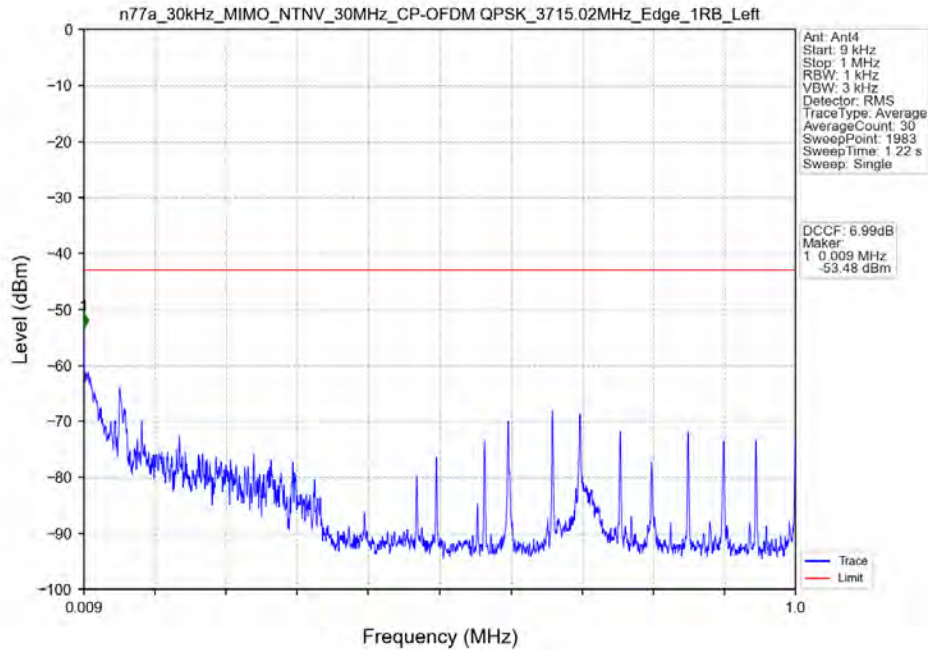
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3715.02MHz\_Edge\_1RB\_Left



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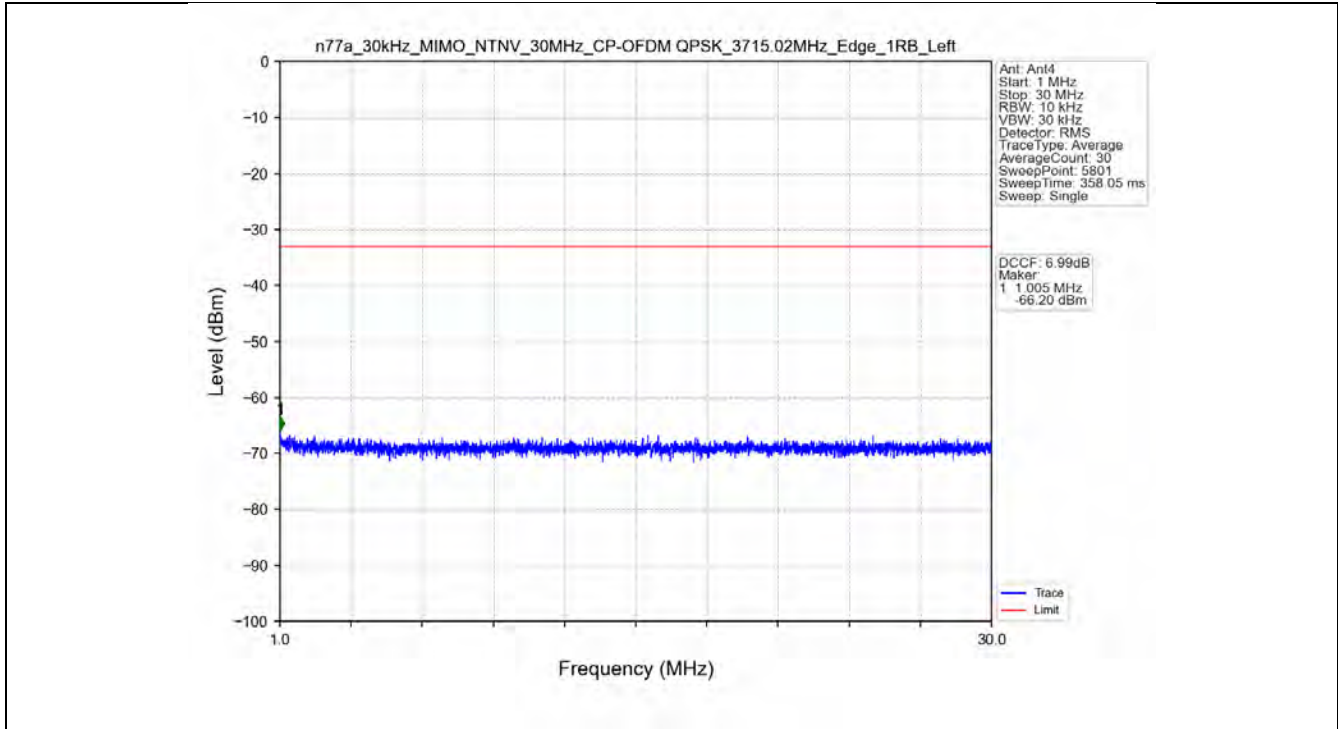


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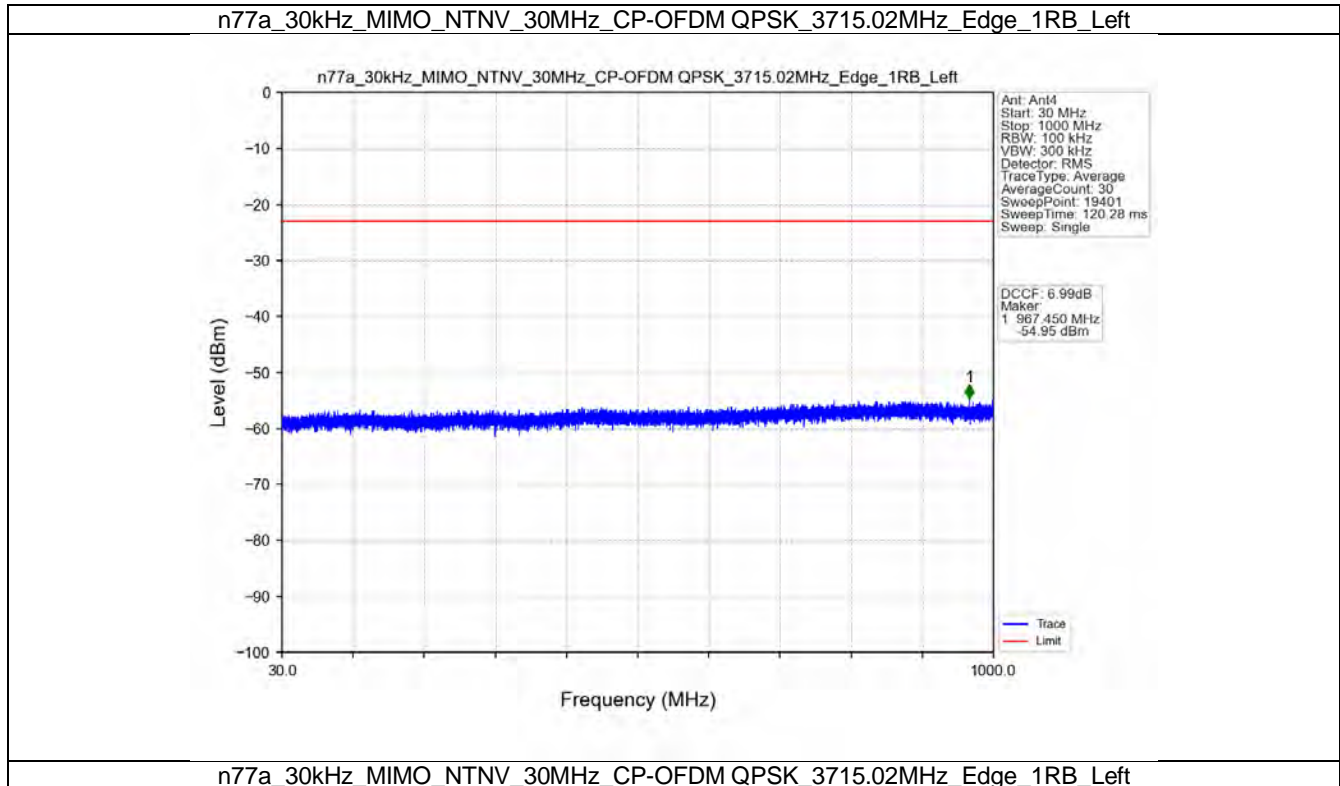


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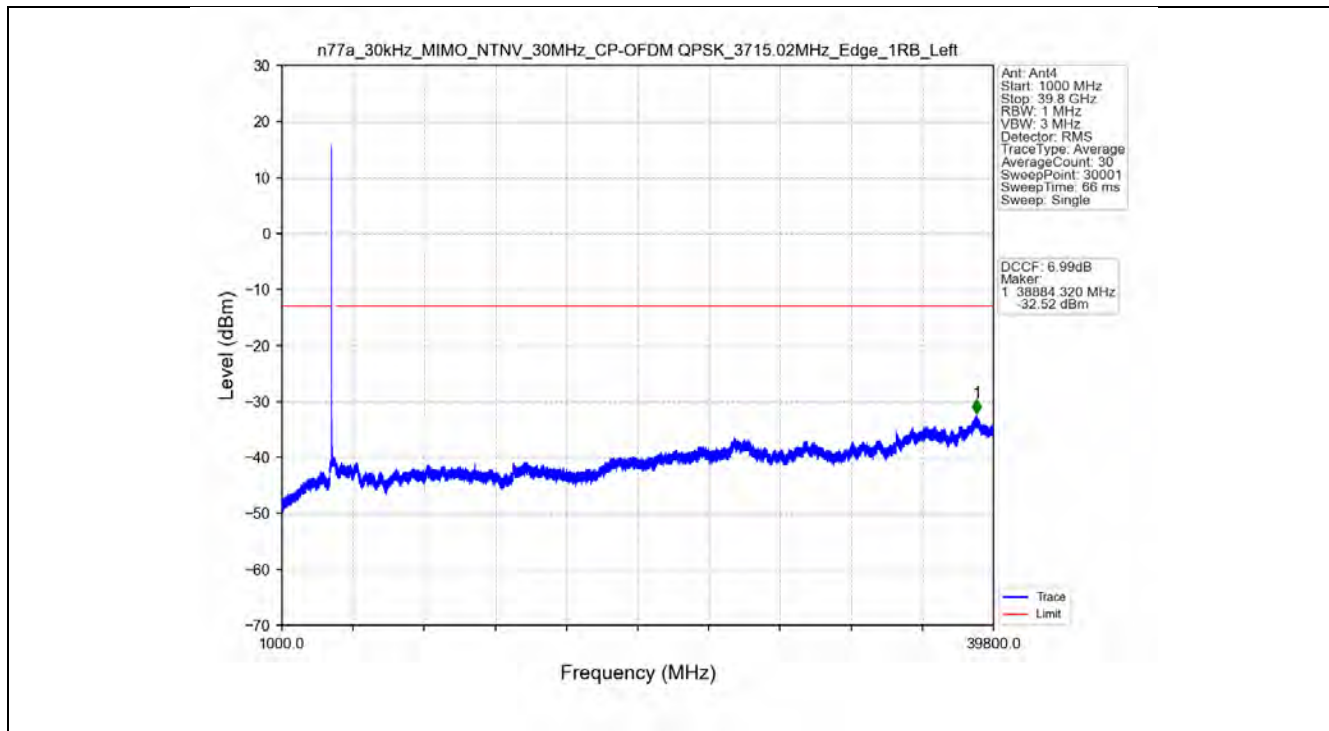
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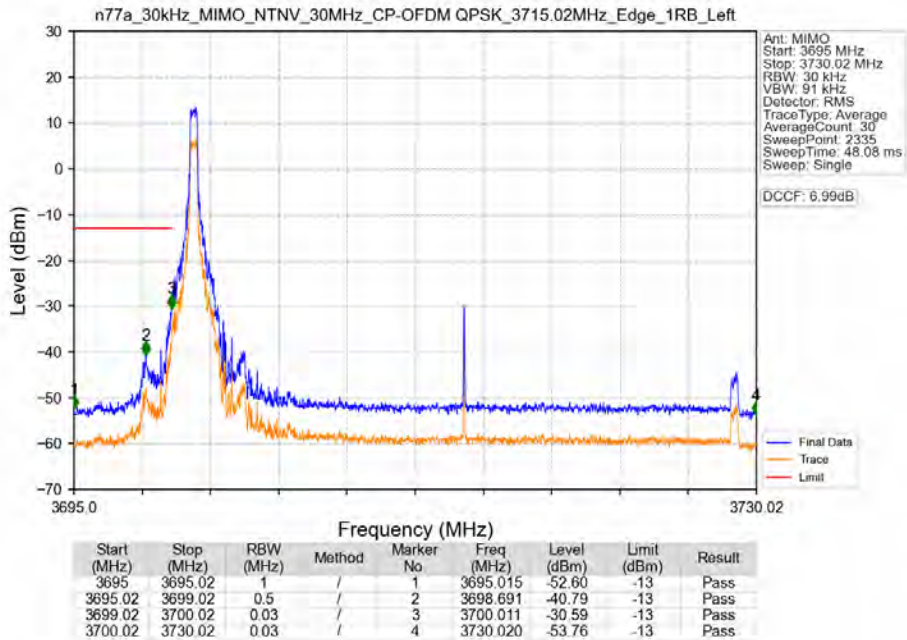
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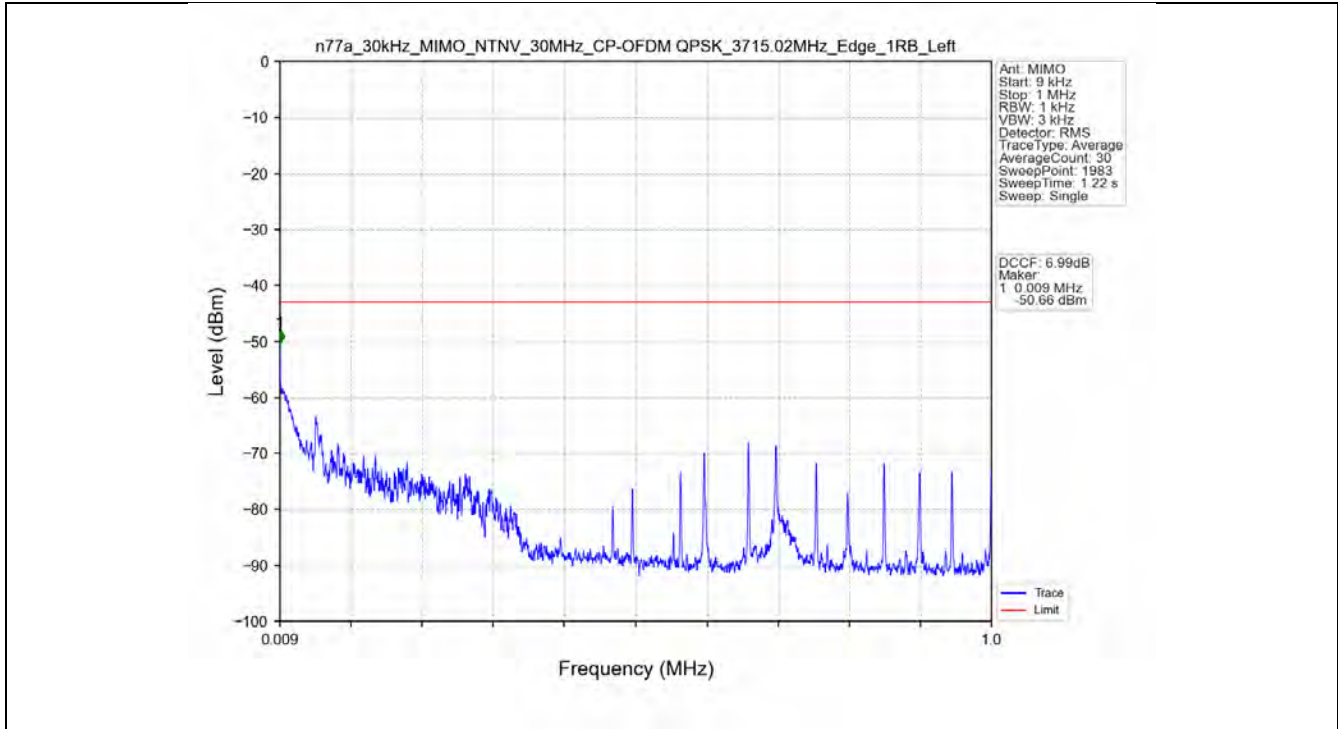


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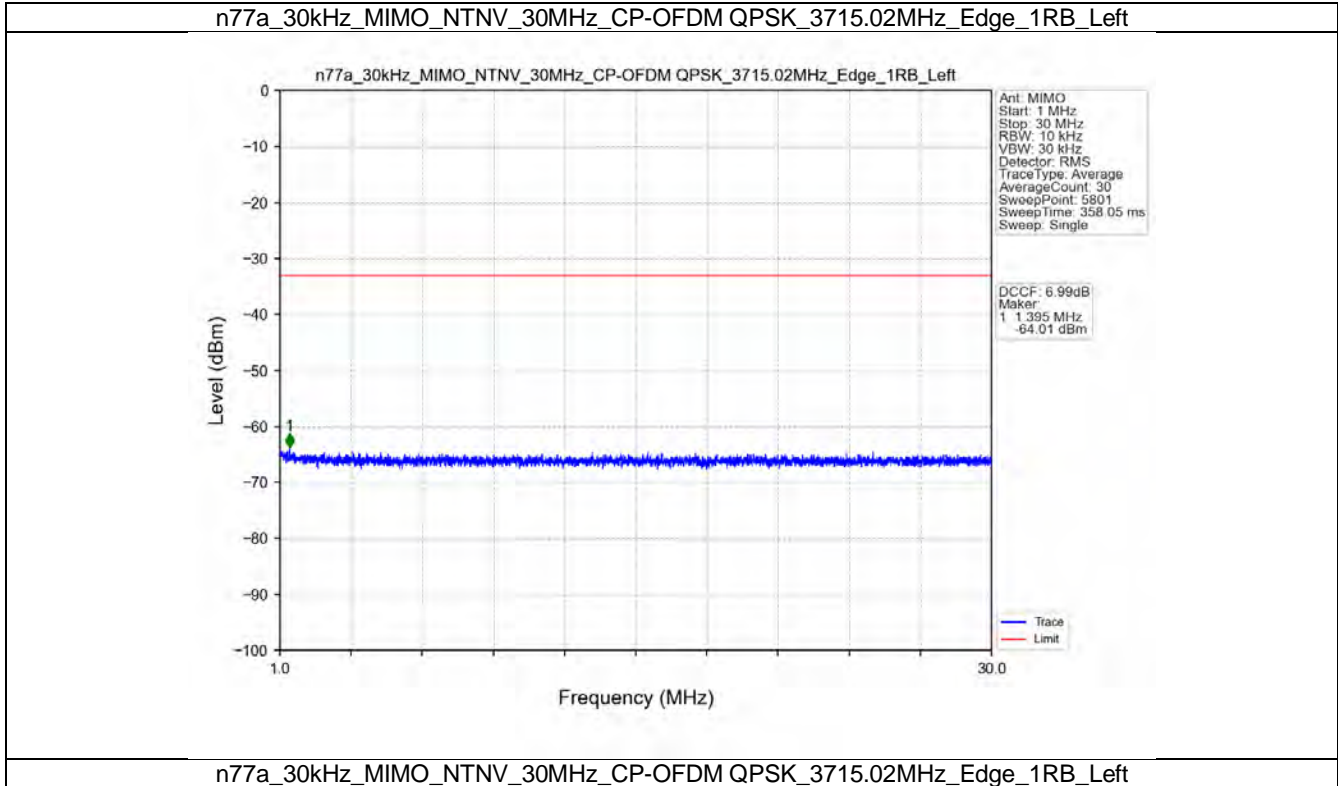


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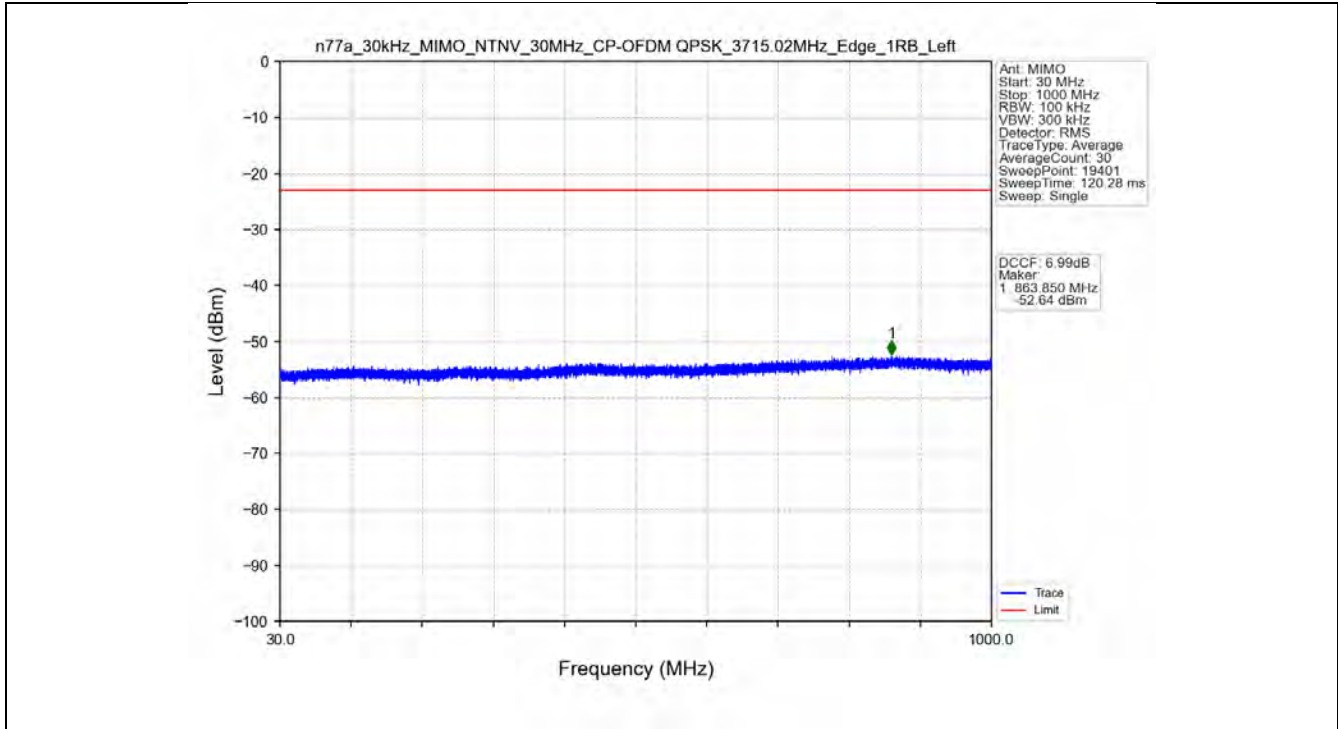


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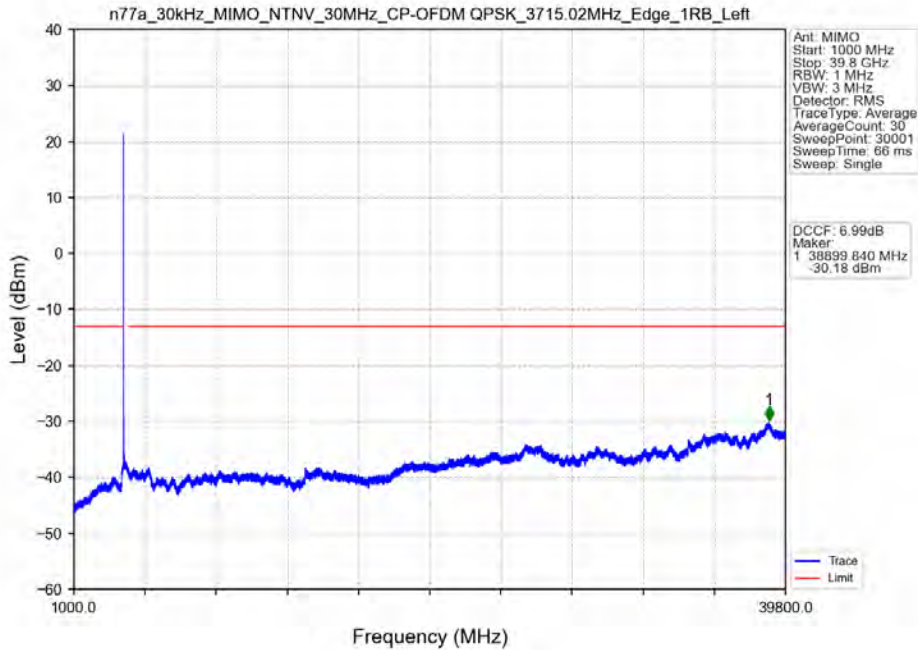
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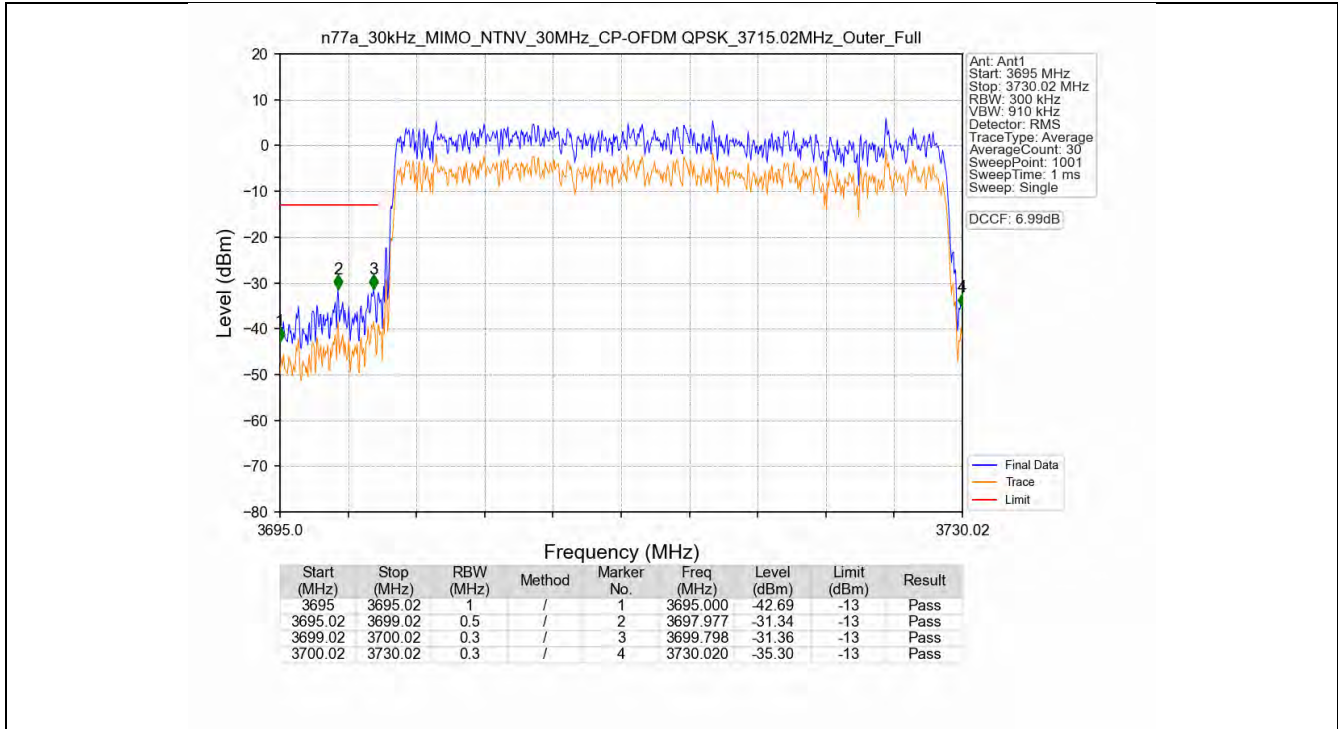


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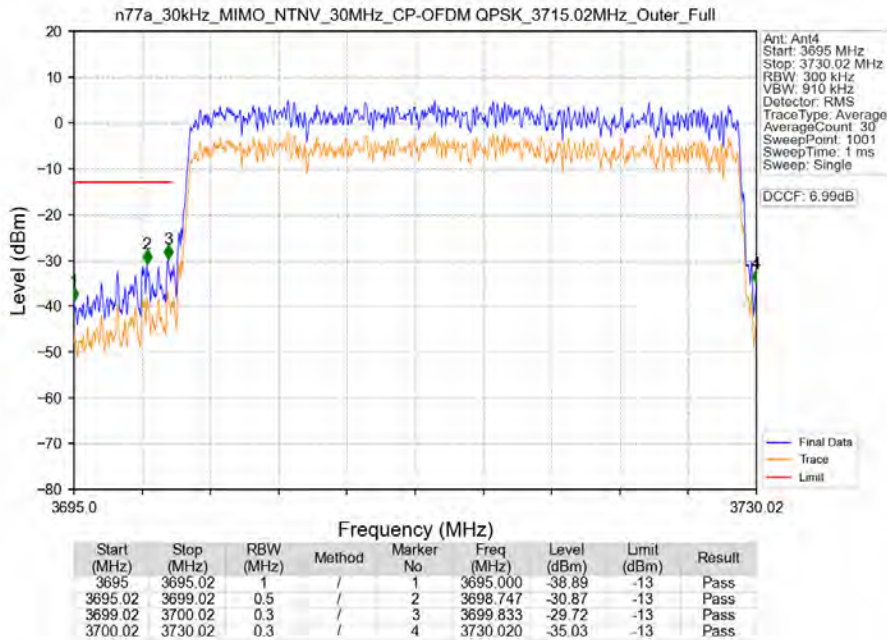
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3715.02MHz\_Outer\_Full



n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3715.02MHz\_Outer\_Full



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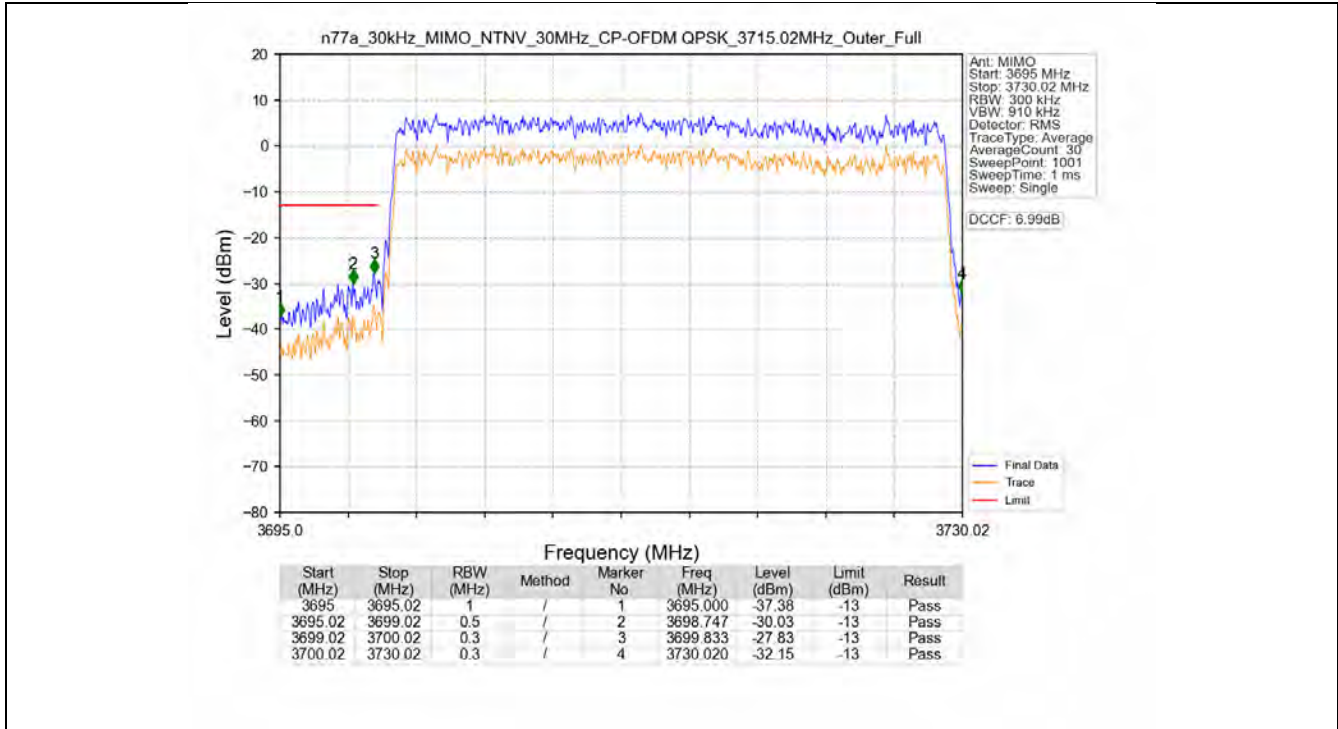


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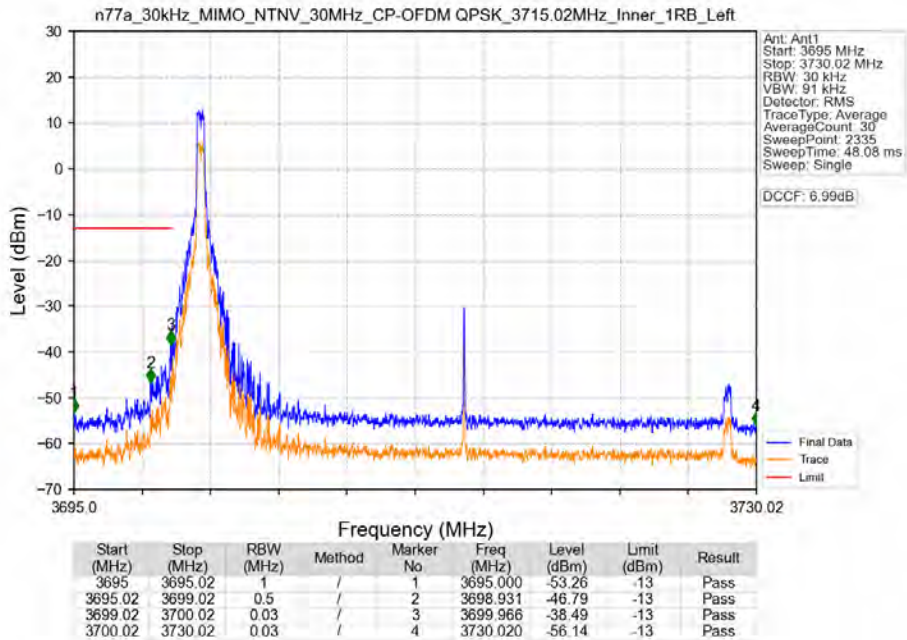
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3715.02MHz\_Inner\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3715.02MHz\_Inner\_1RB\_Left



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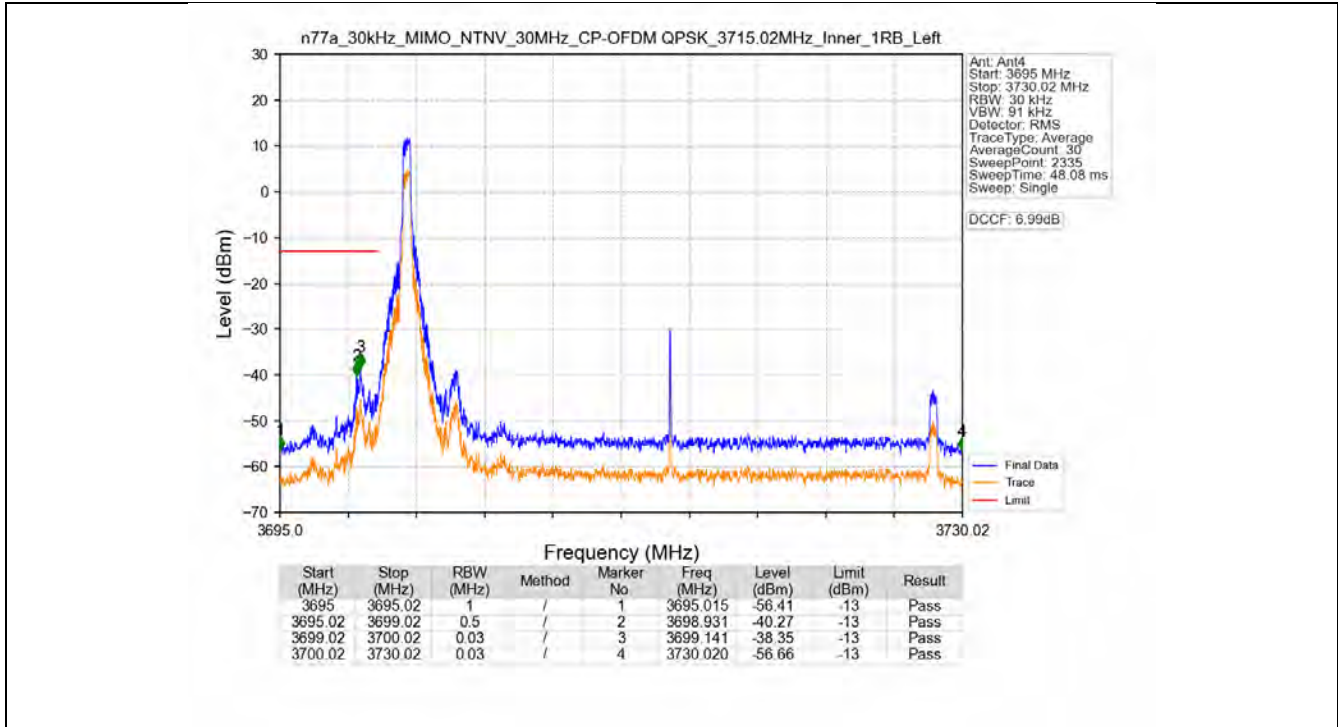


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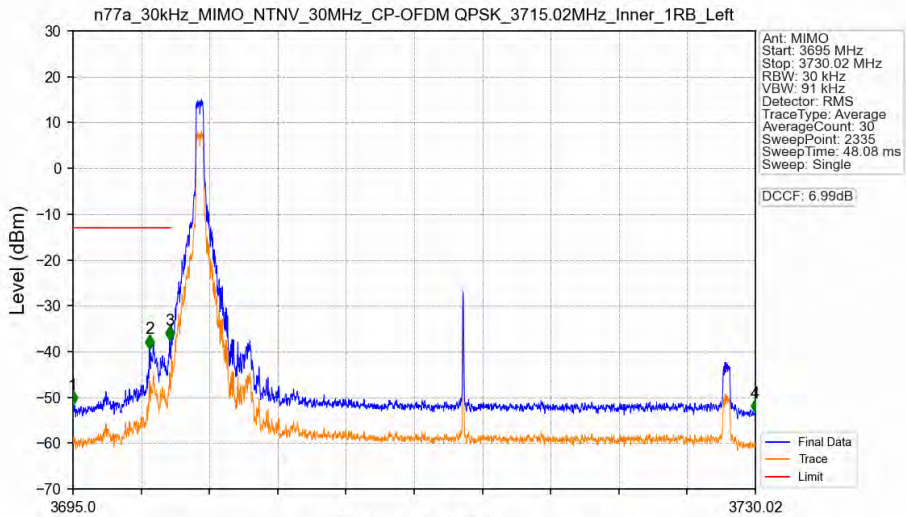
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3715.02MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-51.67	-13	Pass
3695.02	3699.02	0.5	/	2	3698.931	-39.40	-13	Pass
3699.02	3700.02	0.03	/	3	3699.966	-37.53	-13	Pass
3700.02	3730.02	0.03	/	4	3730.020	-53.38	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3964.98MHz\_Edge\_1RB\_Right



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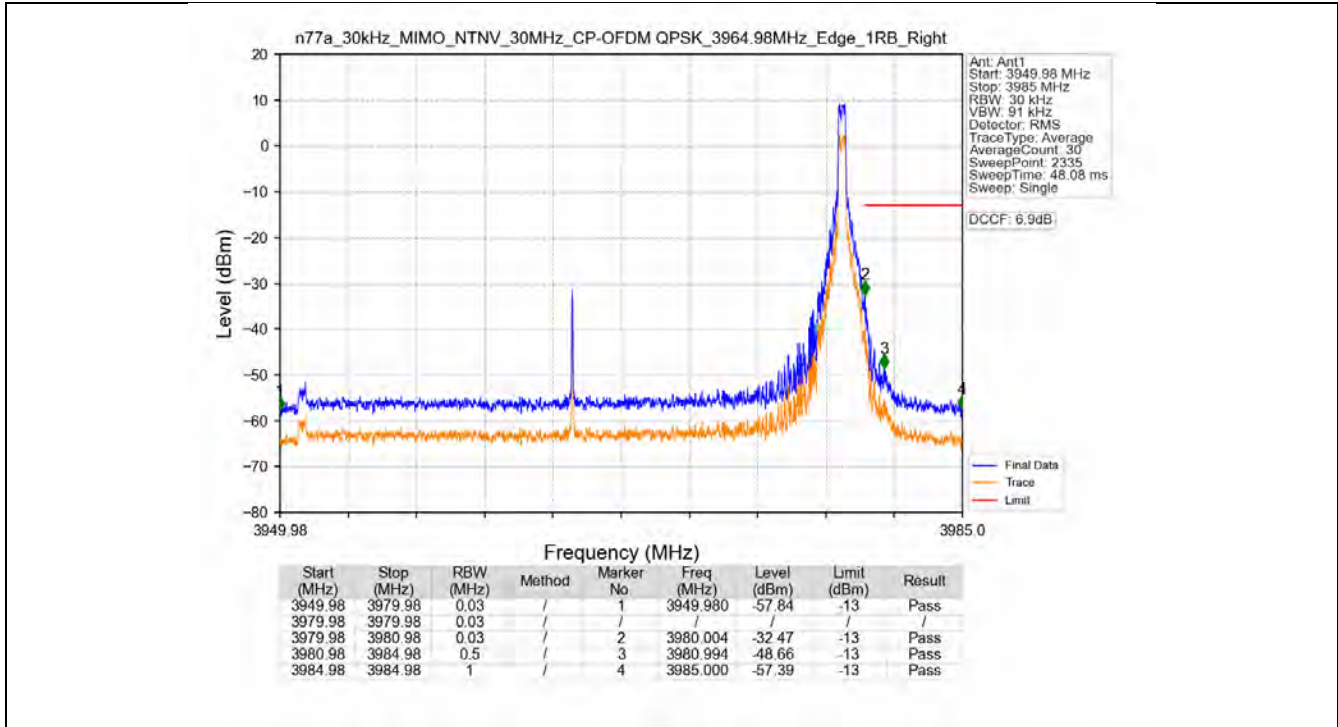


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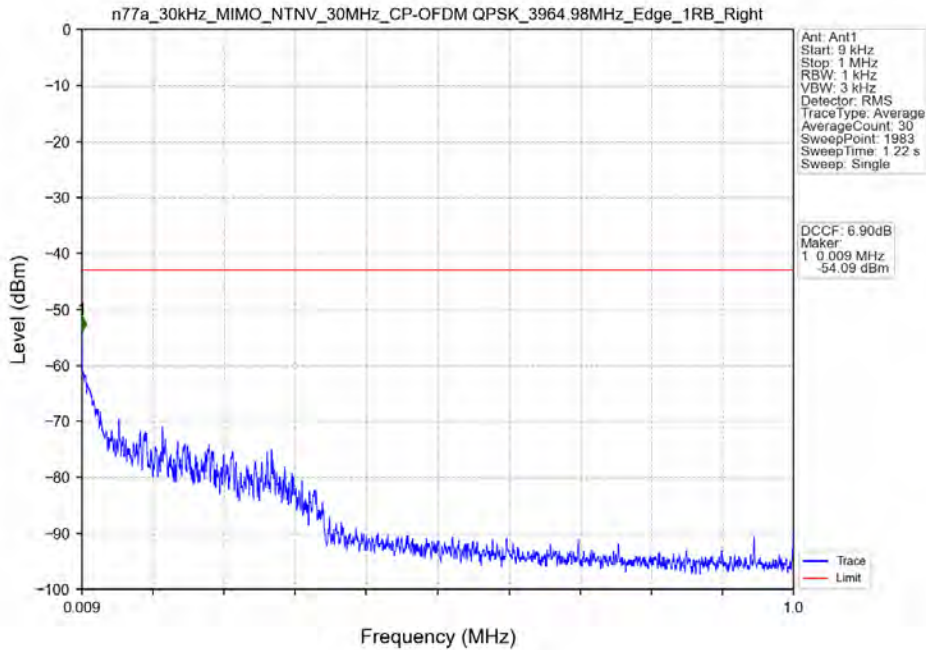
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3964.98MHz\_Edge\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3964.98MHz\_Edge\_1RB\_Right



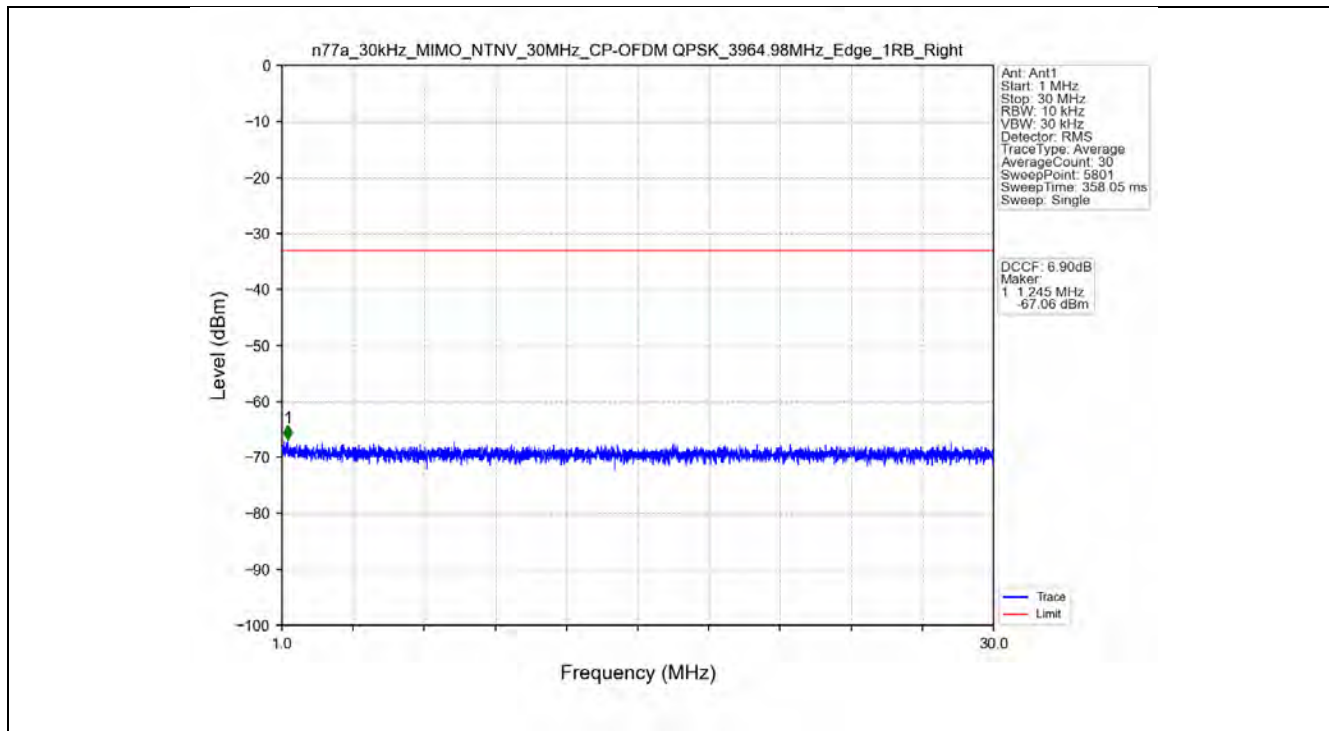
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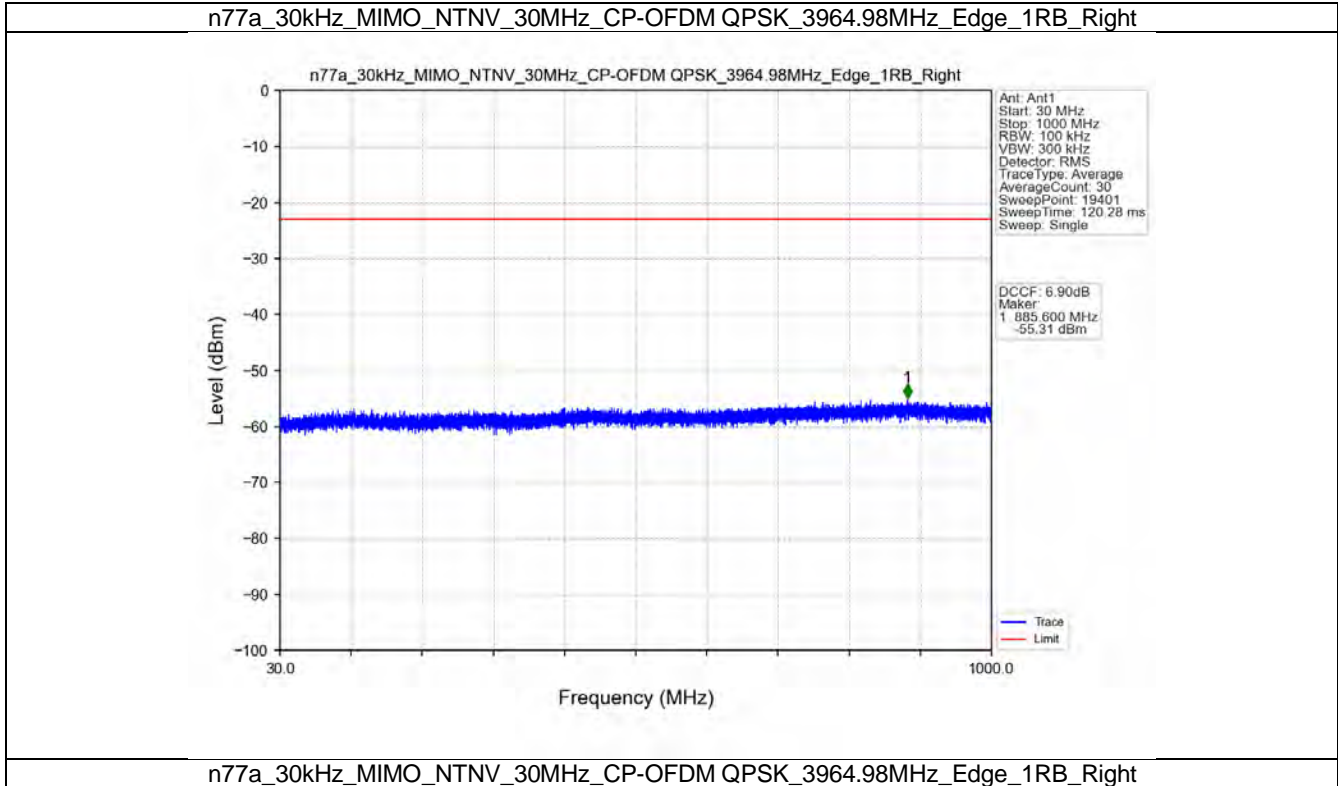


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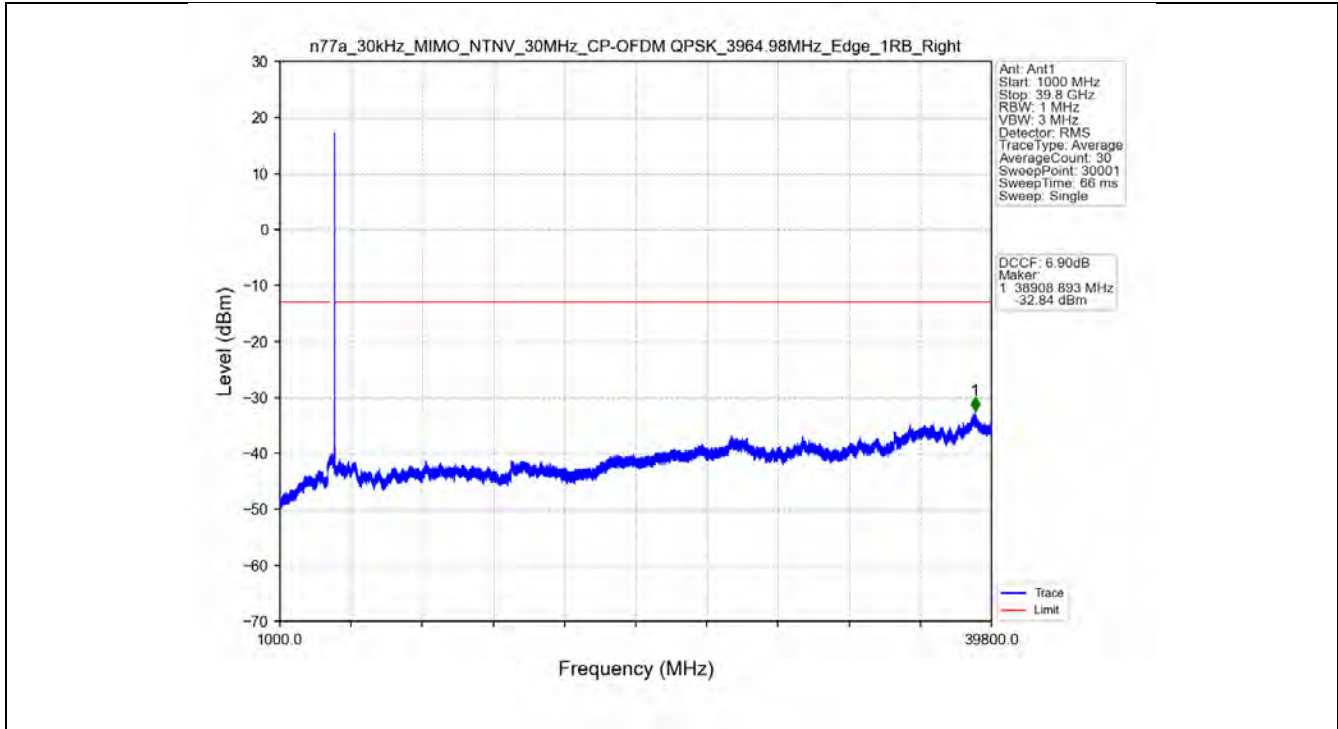


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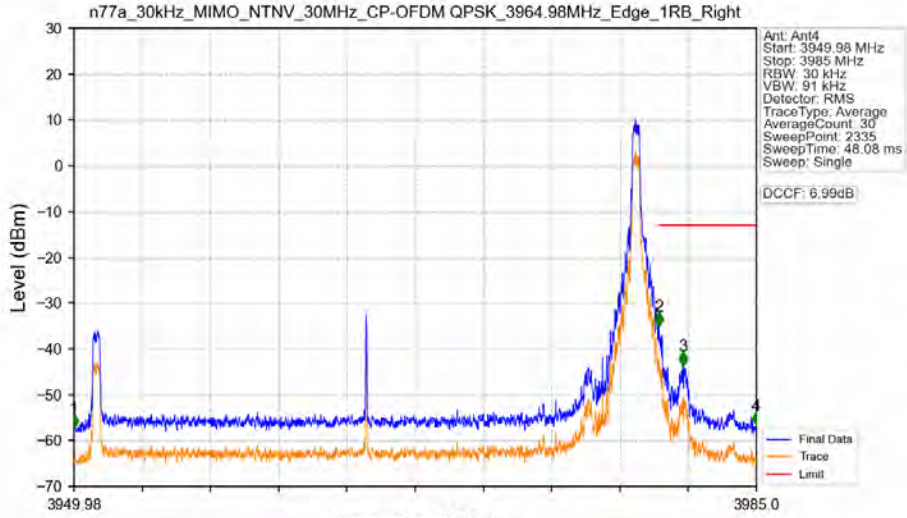
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3964.98MHz\_Edge\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.03	/	1	3949.980	-57.27	-13	Pass
3979.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	2	3980.004	-35.16	-13	Pass
3980.98	3984.98	0.5	/	3	3981.234	-43.78	-13	Pass
3984.98	3984.98	1	/	4	3984.985	-56.78	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3964.98MHz\_Edge\_1RB\_Right



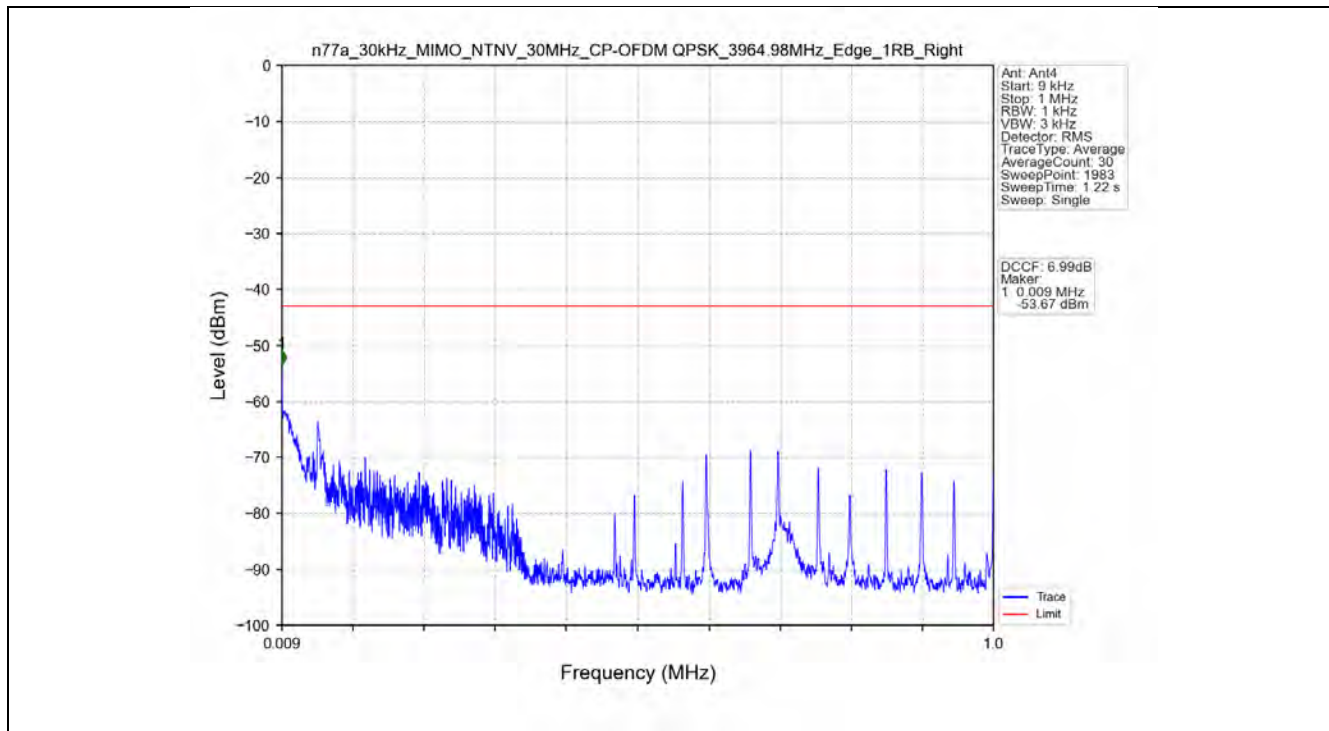
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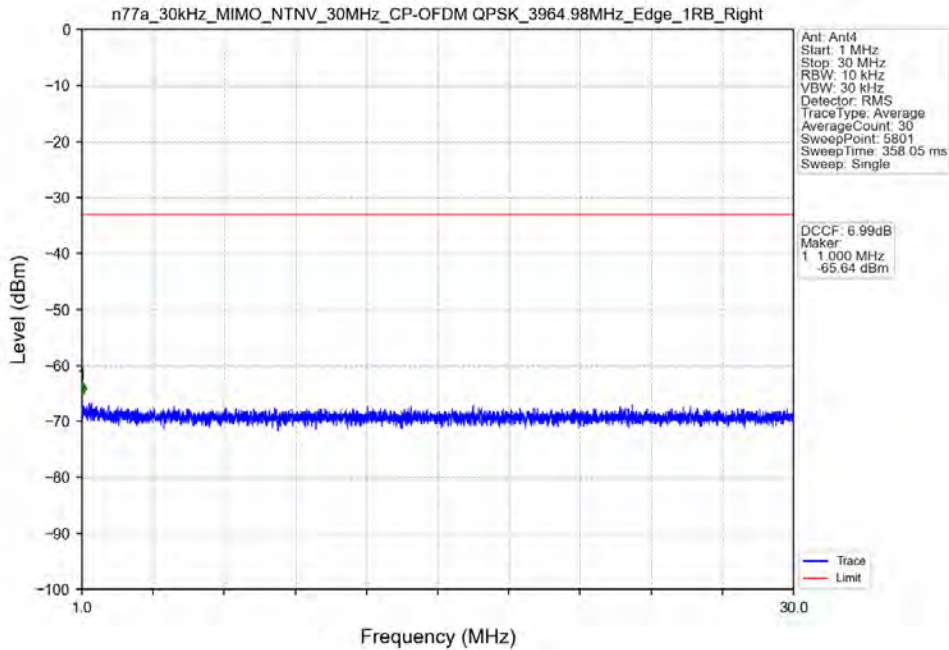
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3964.98MHz\_Edge\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3964.98MHz\_Edge\_1RB\_Right



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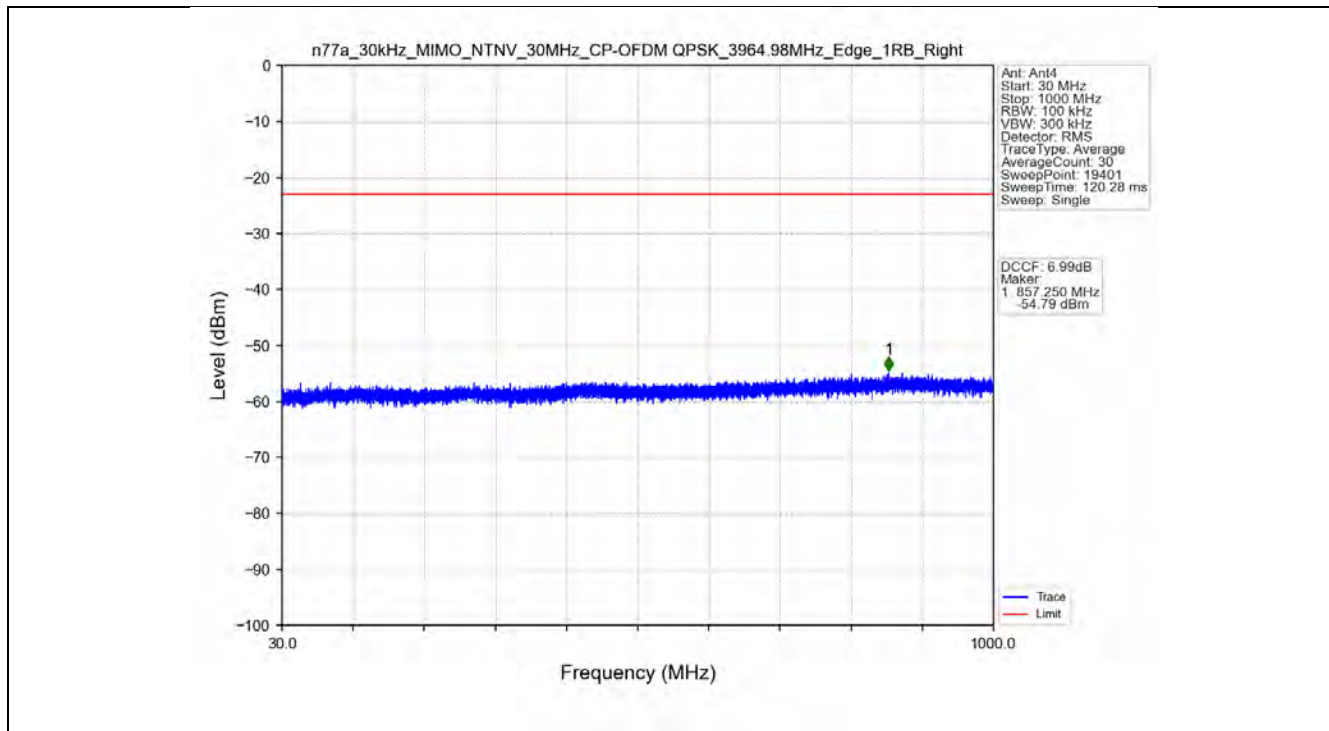
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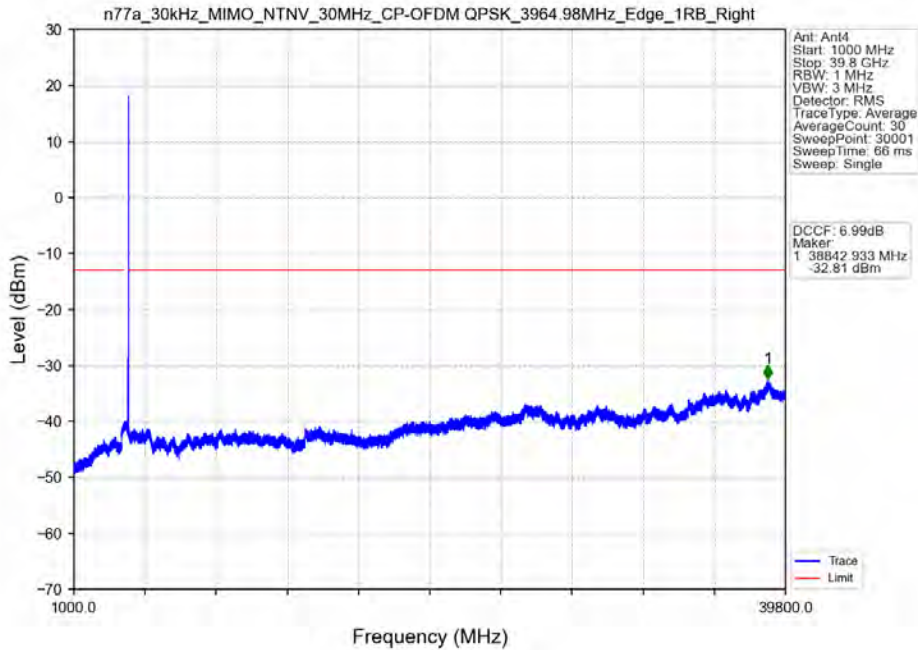
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3964.98MHz\_Edge\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM QPSK\_3964.98MHz\_Edge\_1RB\_Right



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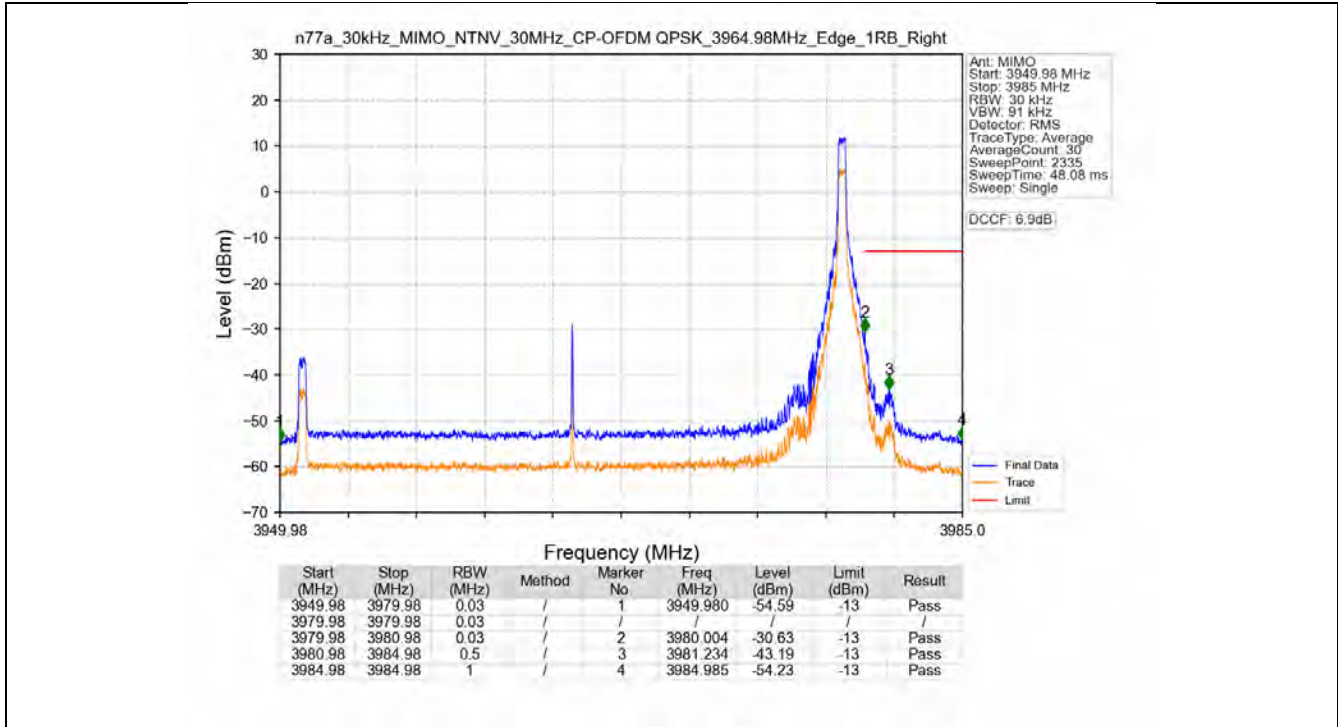


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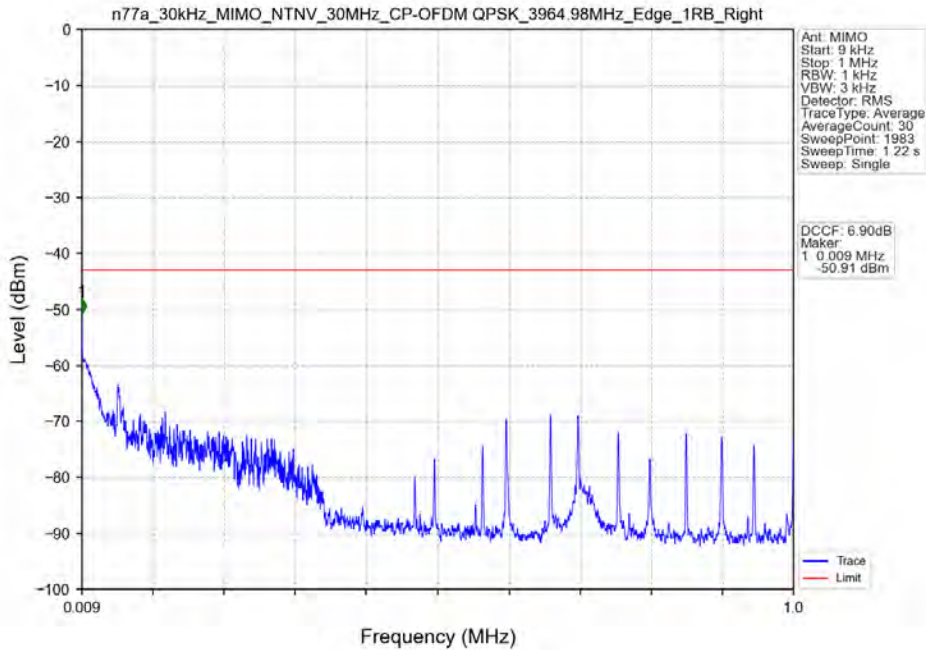
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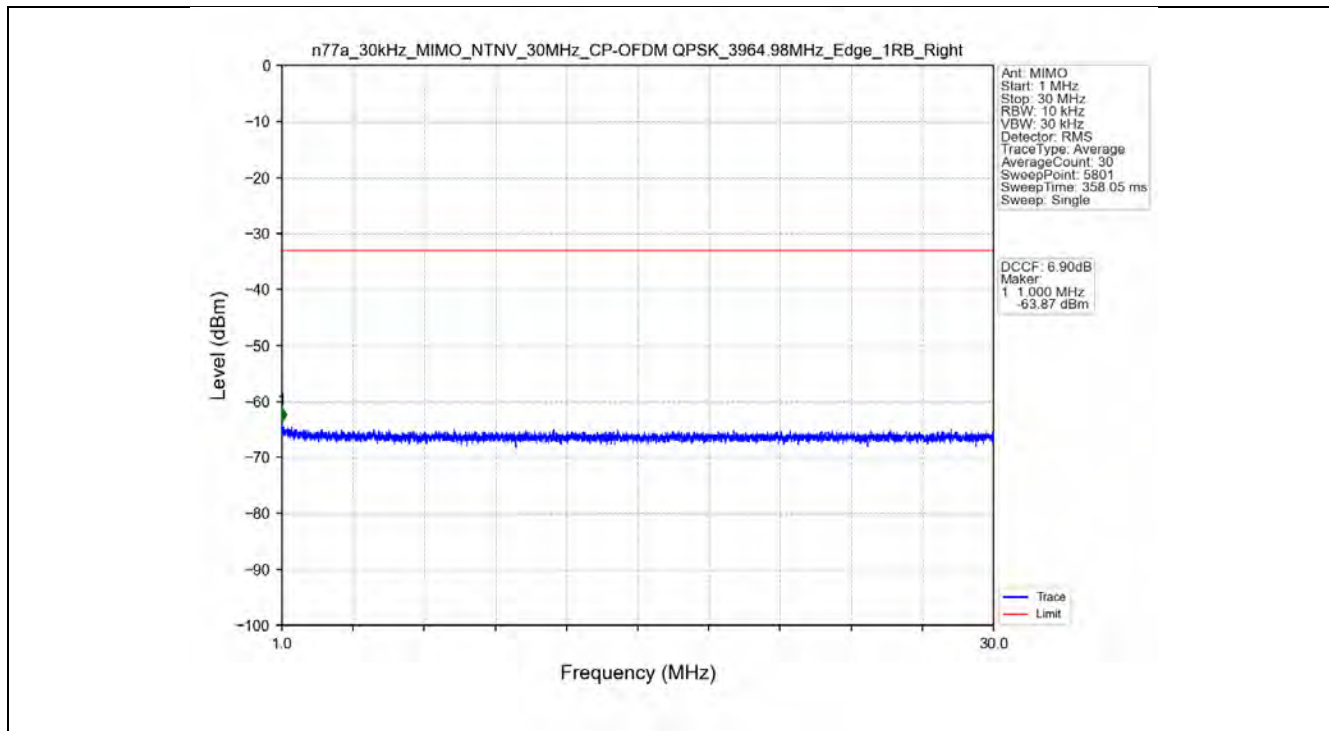
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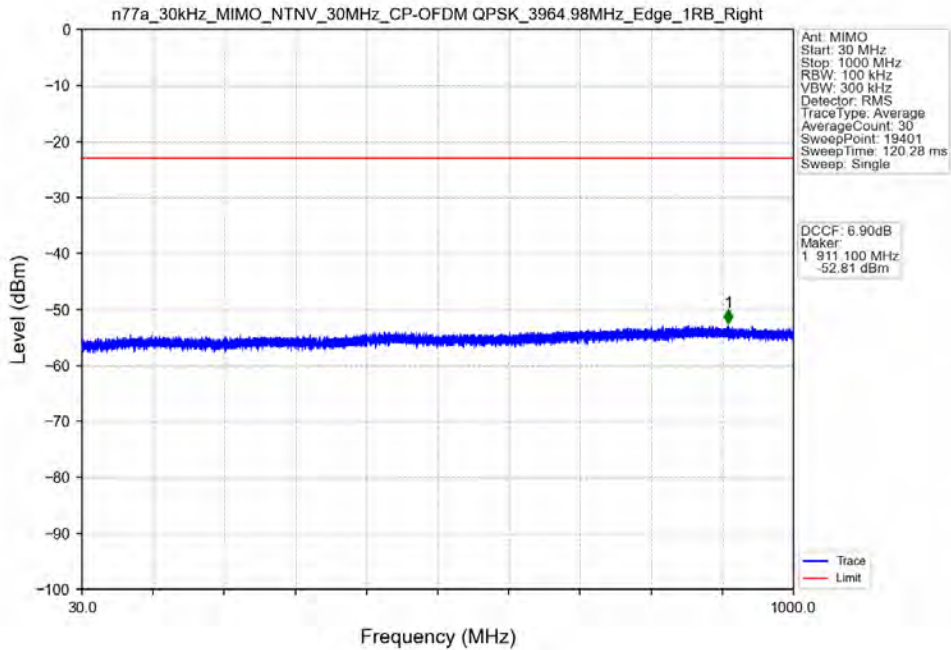
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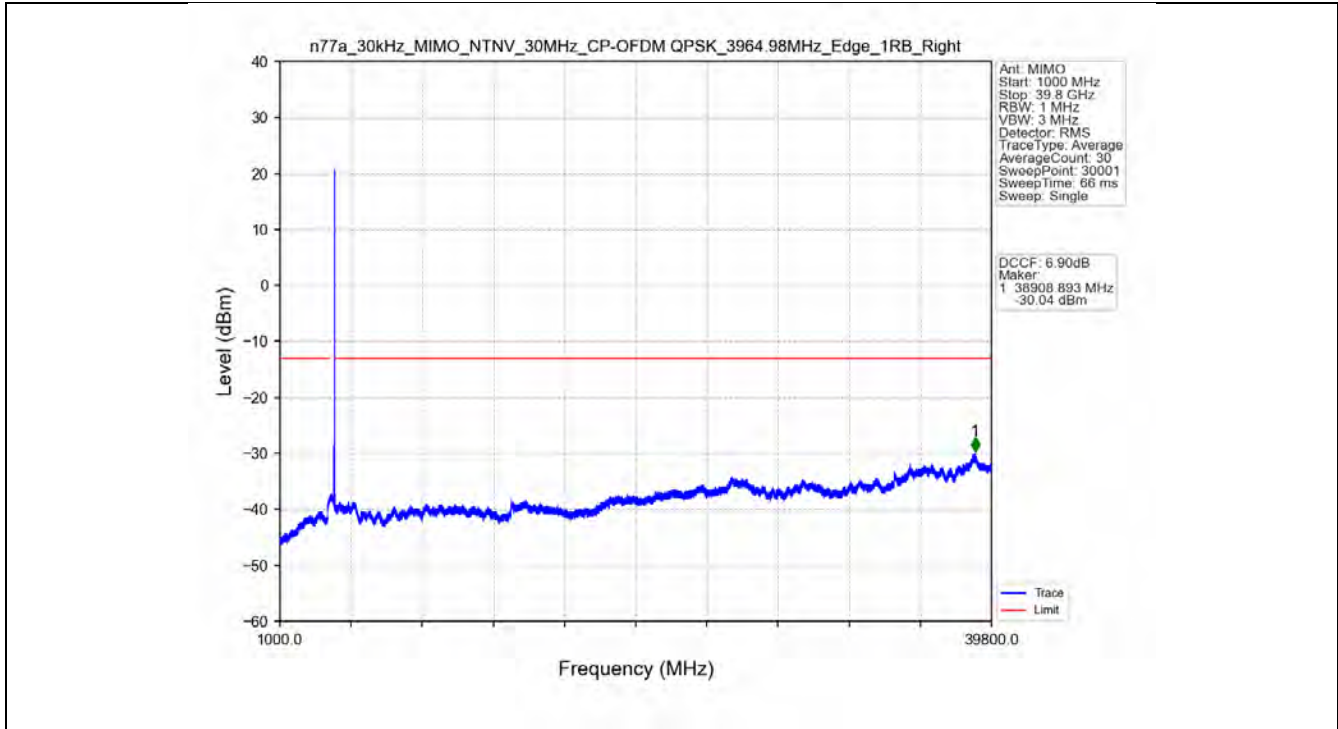


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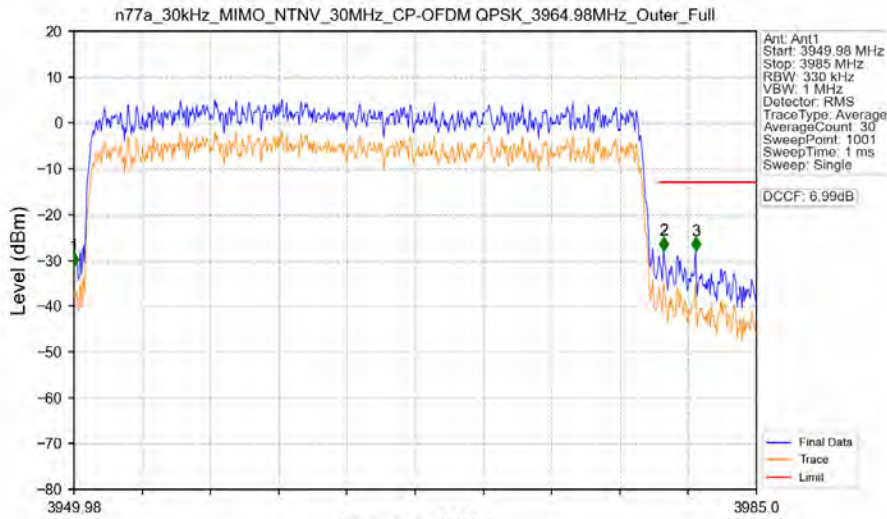
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n77a\_30kHz\_MIMO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3964.98MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.33	/	1	3949.980	-31.26	-13	Pass
3979.98	3979.98	0.33	/	/	/	/	/	/
3979.98	3980.98	0.33	/	2	3980.237	-27.91	-13	Pass
3980.98	3984.98	0.5	/	3	3981.883	-27.98	-13	Pass

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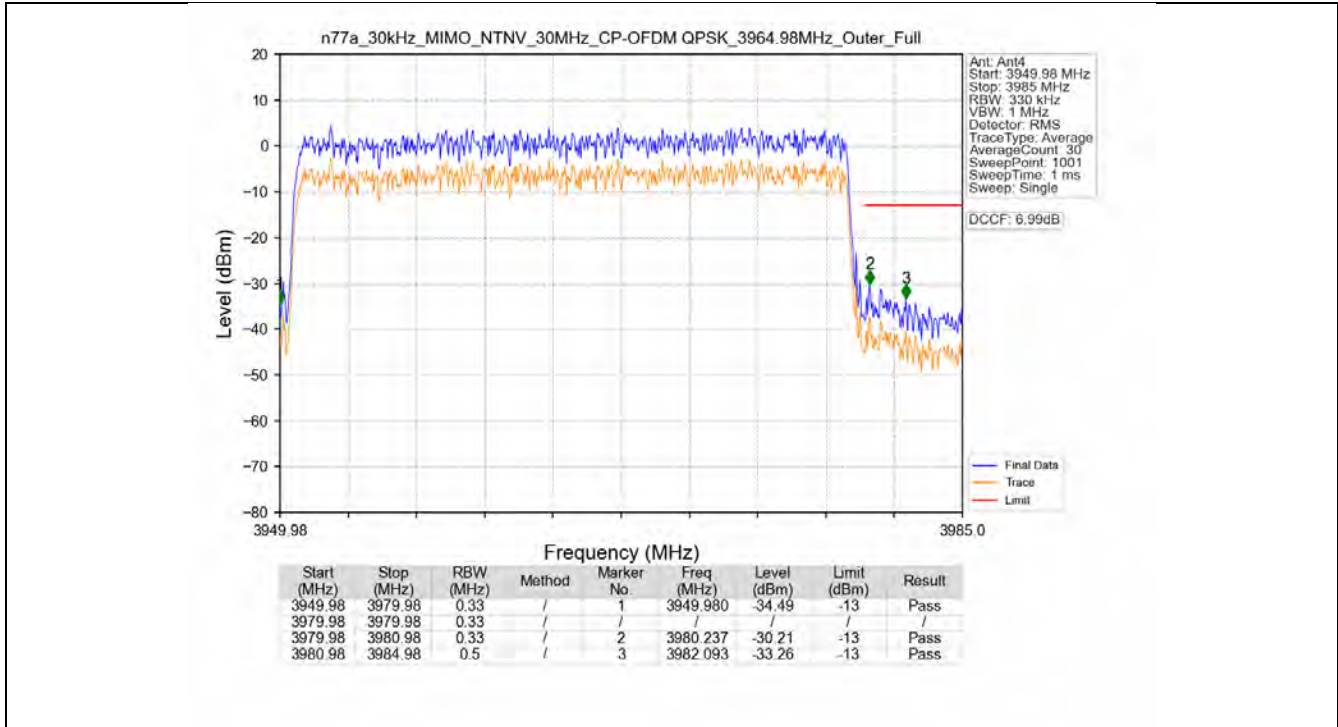


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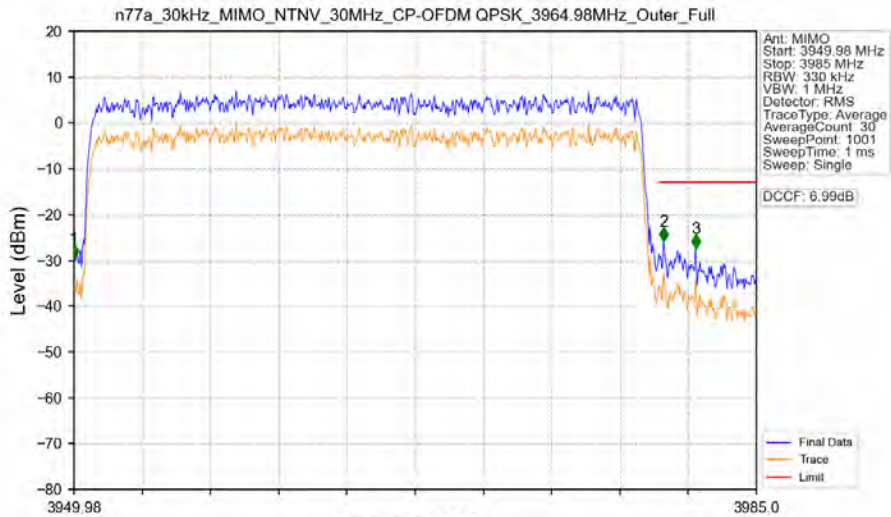
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.33	/	1	3949.980	-29.57	-13	Pass
3979.98	3979.98	0.33	/	/	/	/	/	/
3979.98	3980.98	0.33	/	2	3980.237	-25.90	-13	Pass
3980.98	3984.98	0.5	/	3	3981.883	-27.47	-13	Pass

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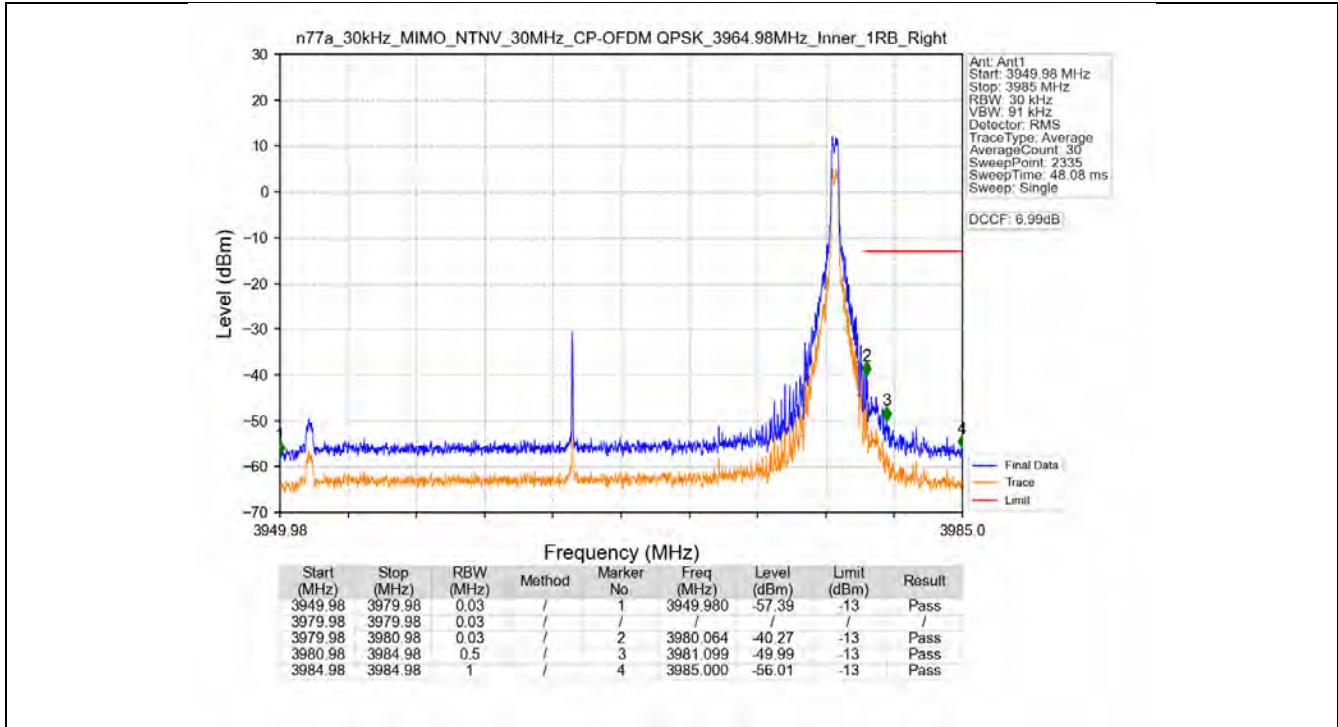


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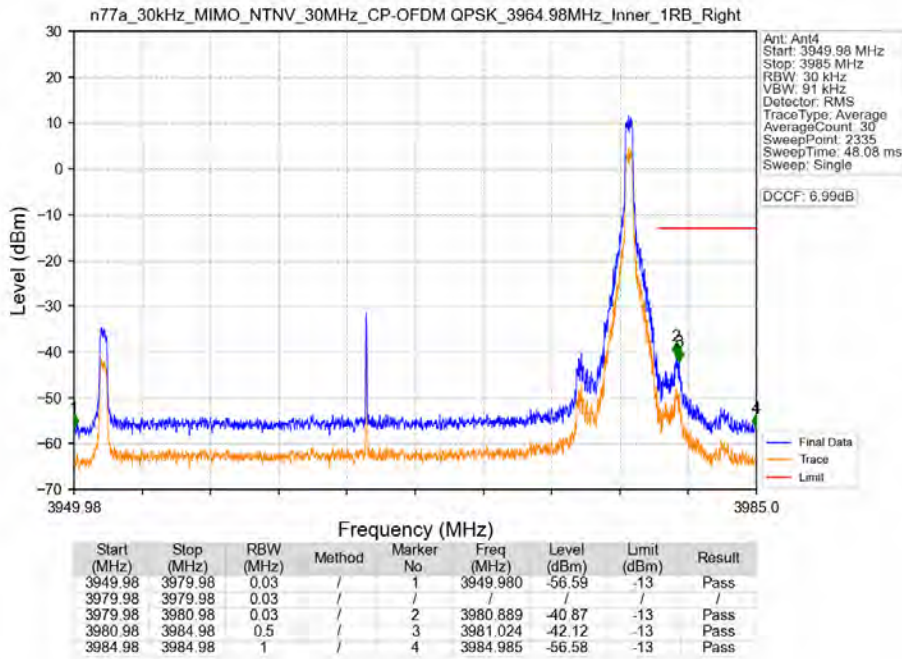
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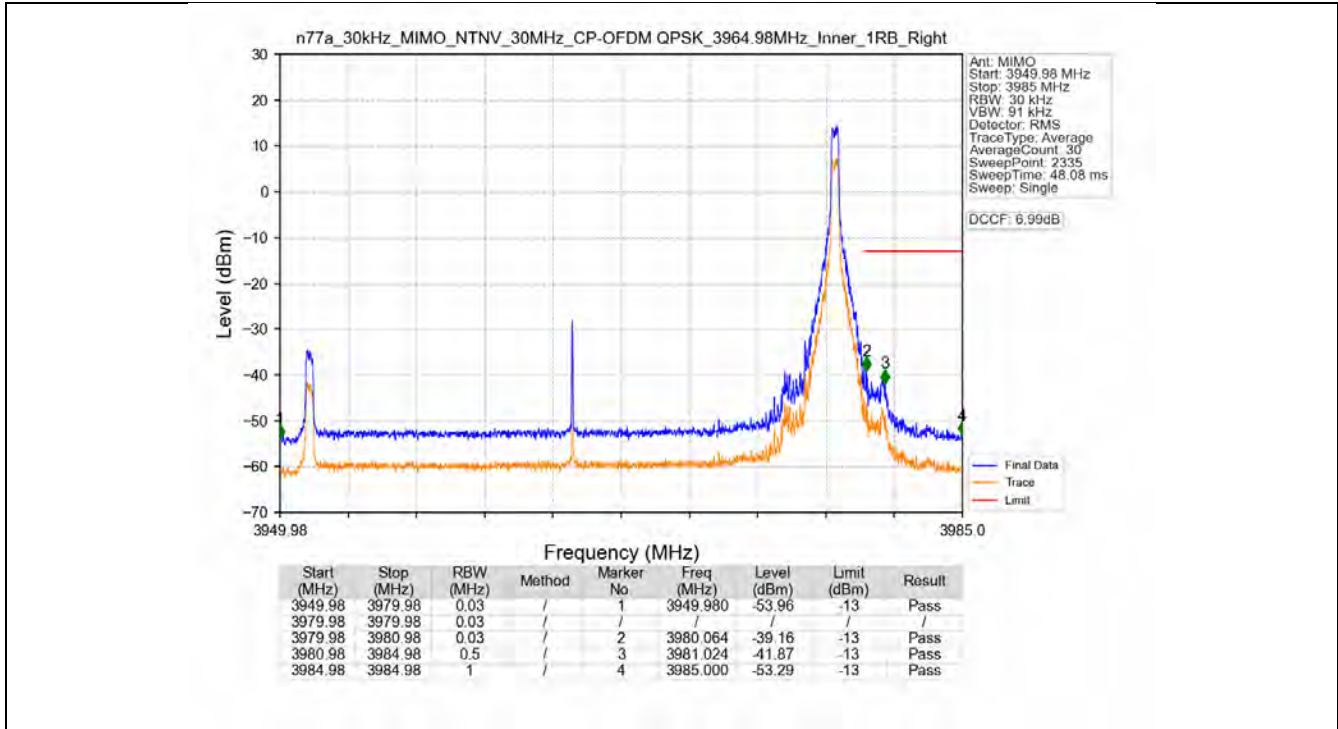


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## 5.9 30k\_MIMO\_40MHz\_NTNV

### 5.9.1 Test Result

5G NR n77a SCS=30kHz MIMO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant4	Sum	
CP-OFDM QPSK	3720	Edge_1RB_Left	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
	3960	Inner_1RB_Left	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
	Outer_Full	Refer To Test Graph			Pass	
		Refer To Test Graph			Pass	
		Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	
Refer To Test Graph			Pass			



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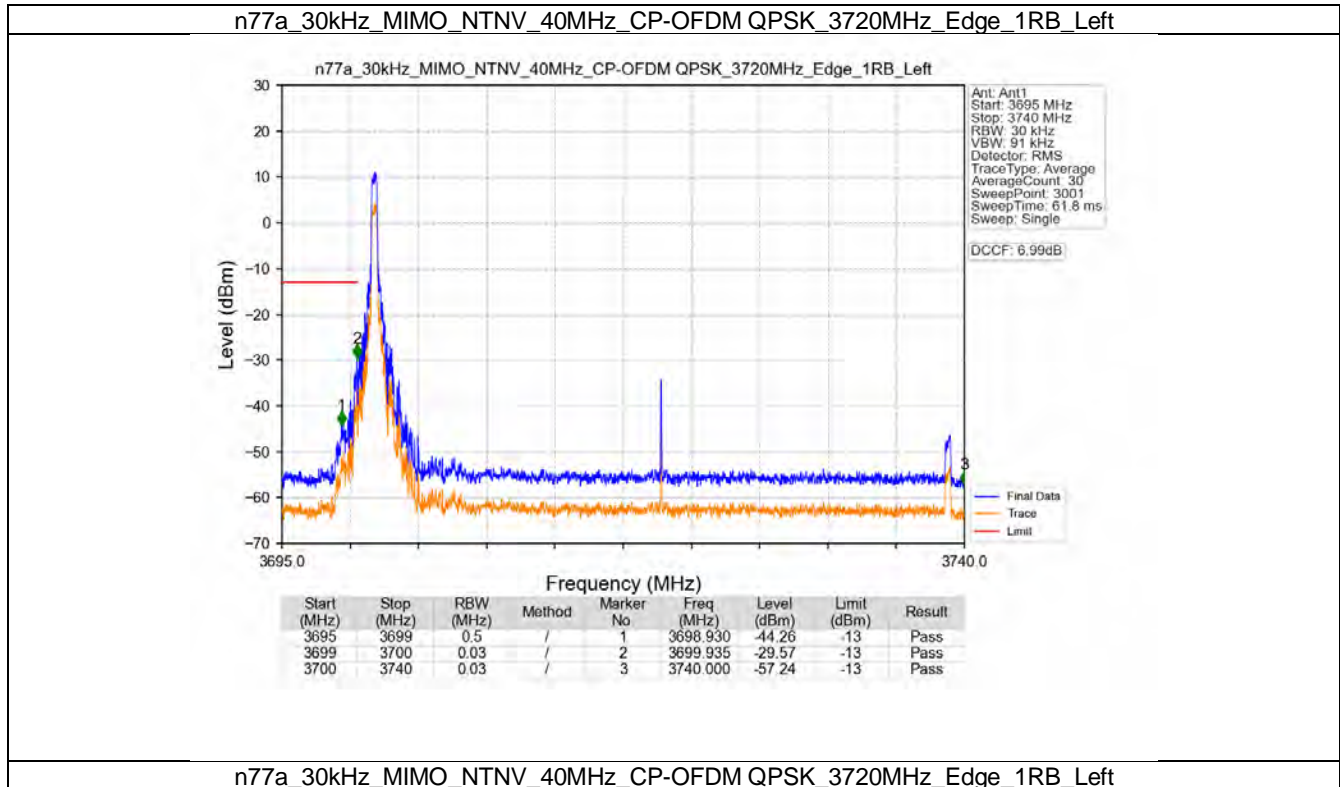
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5.9.2 Test Graph



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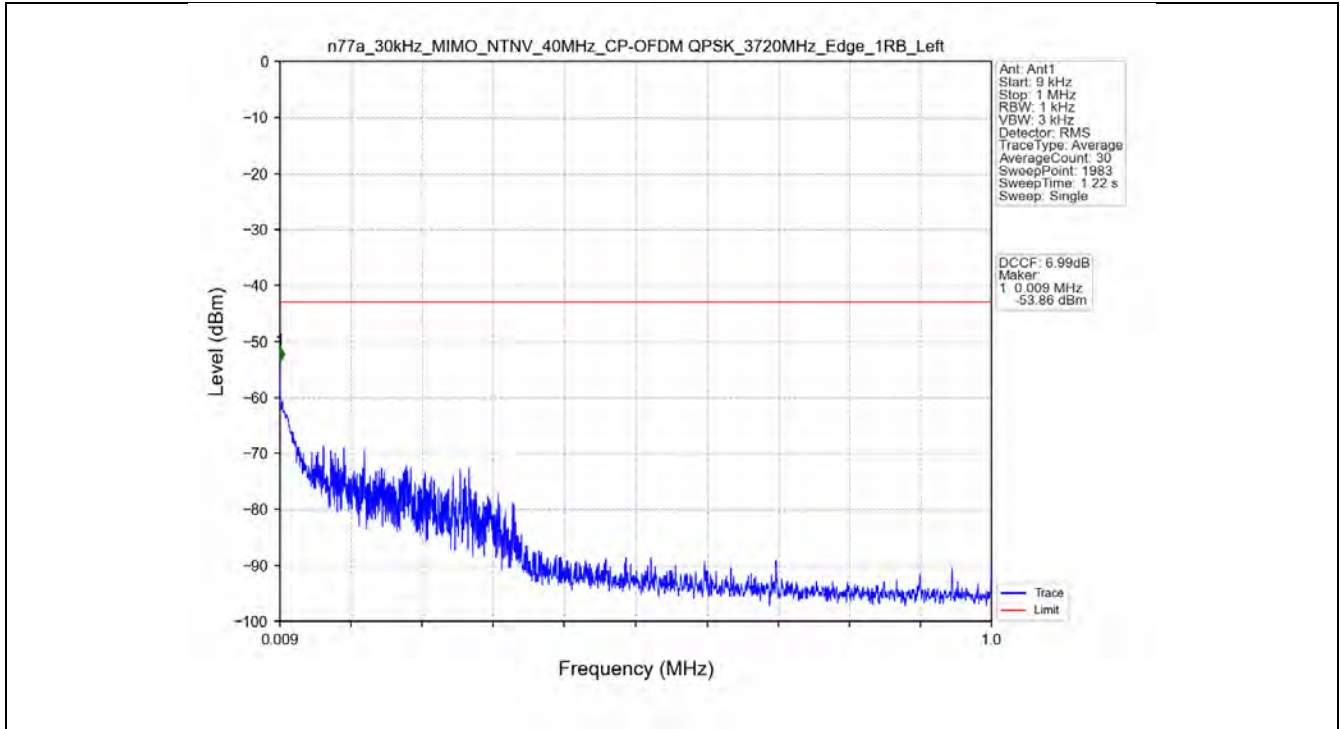


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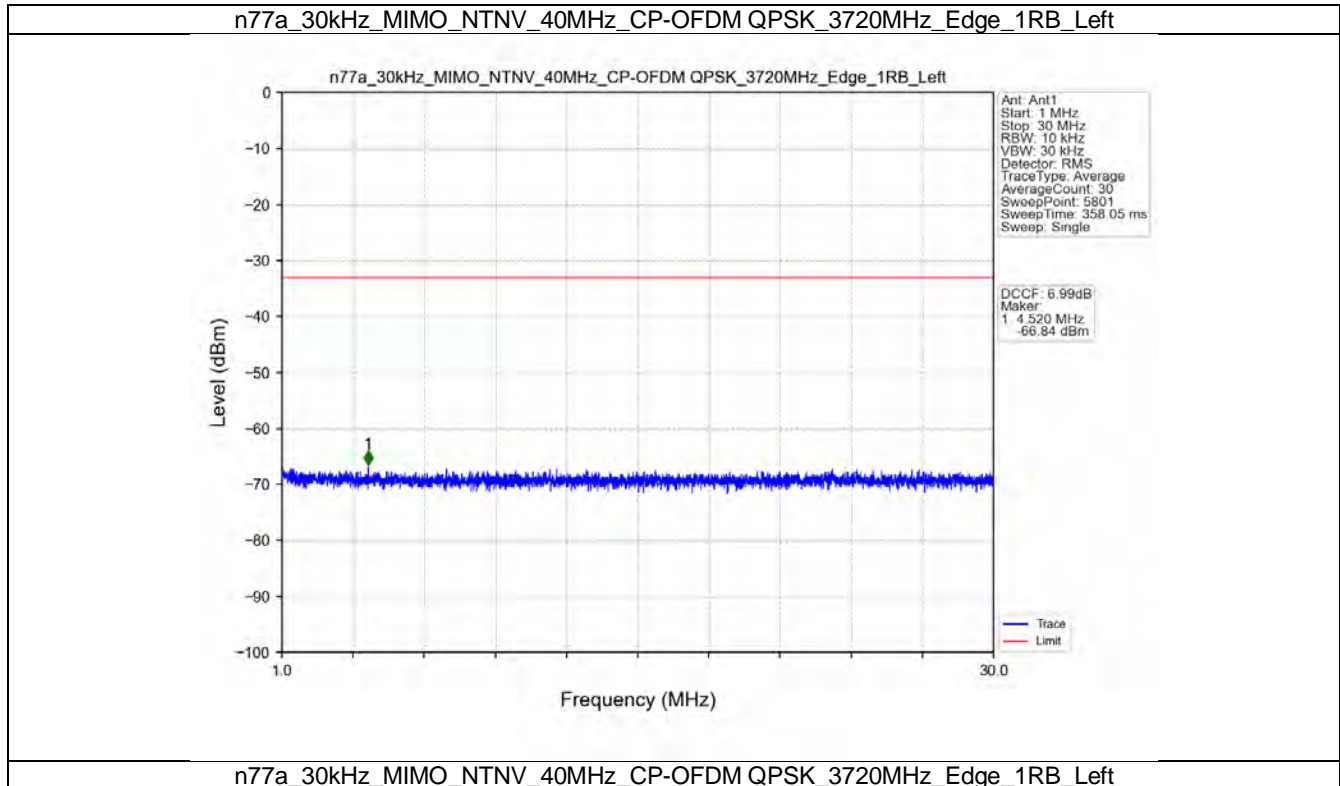


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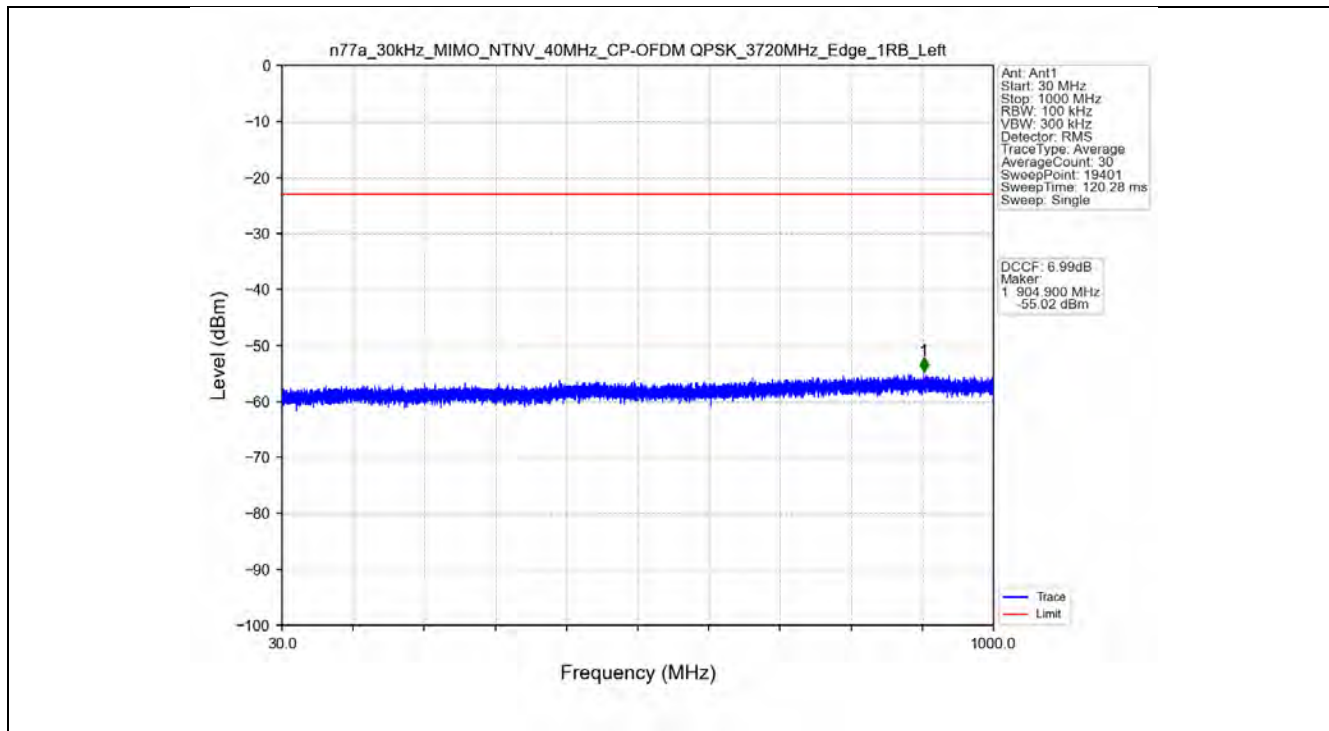
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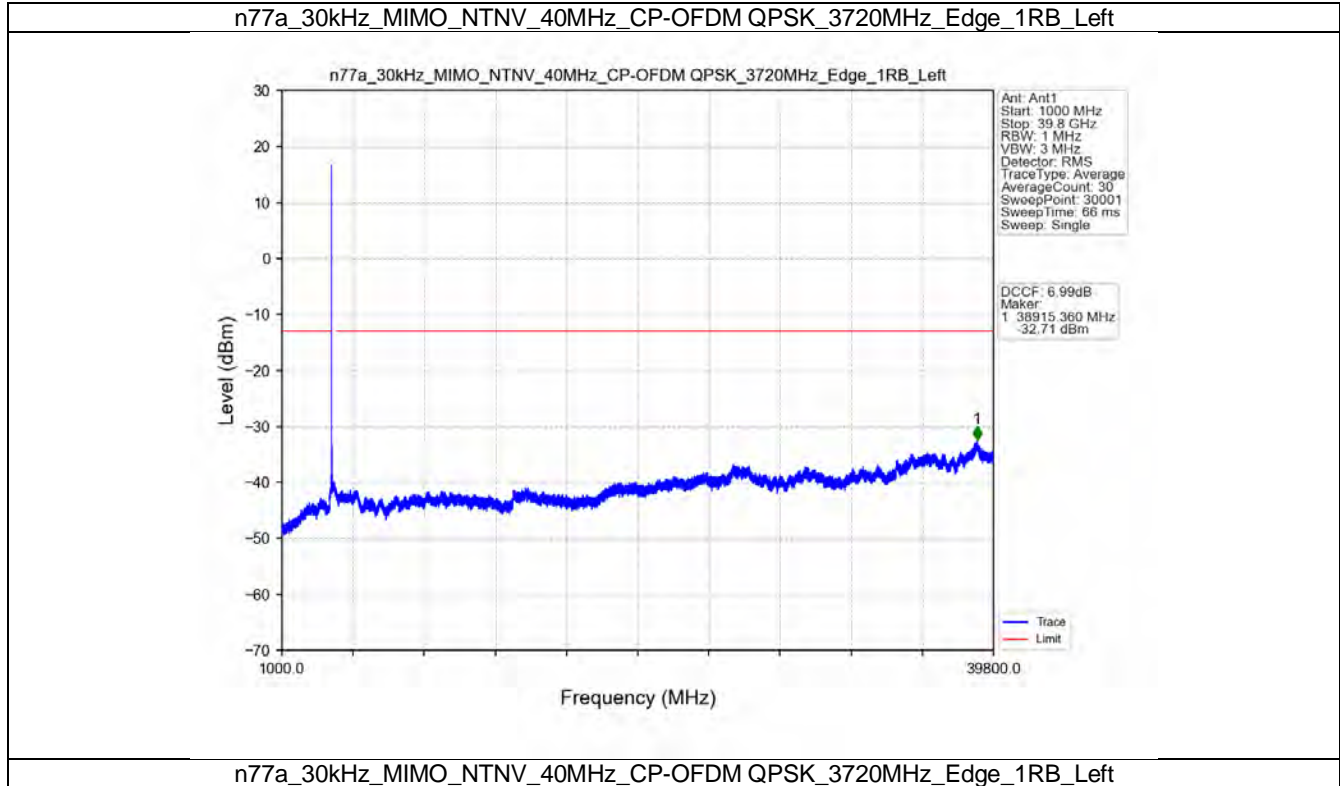


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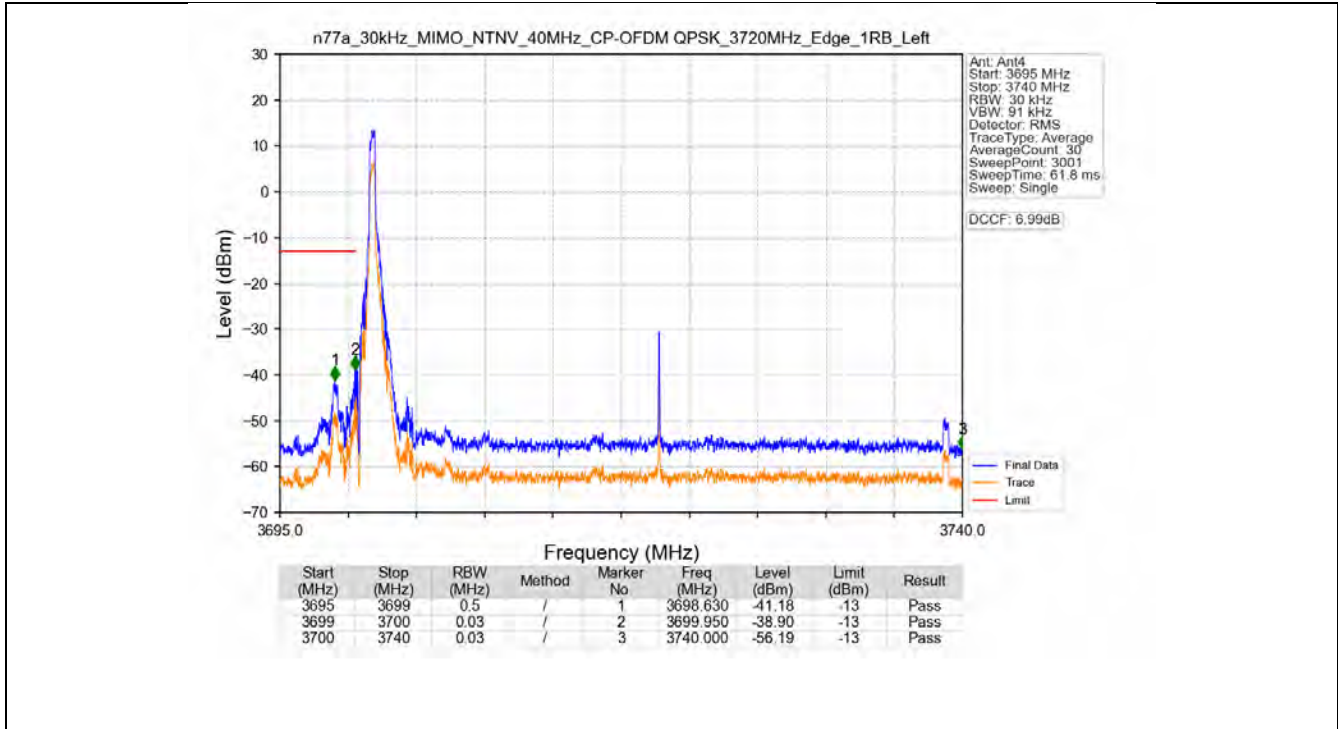


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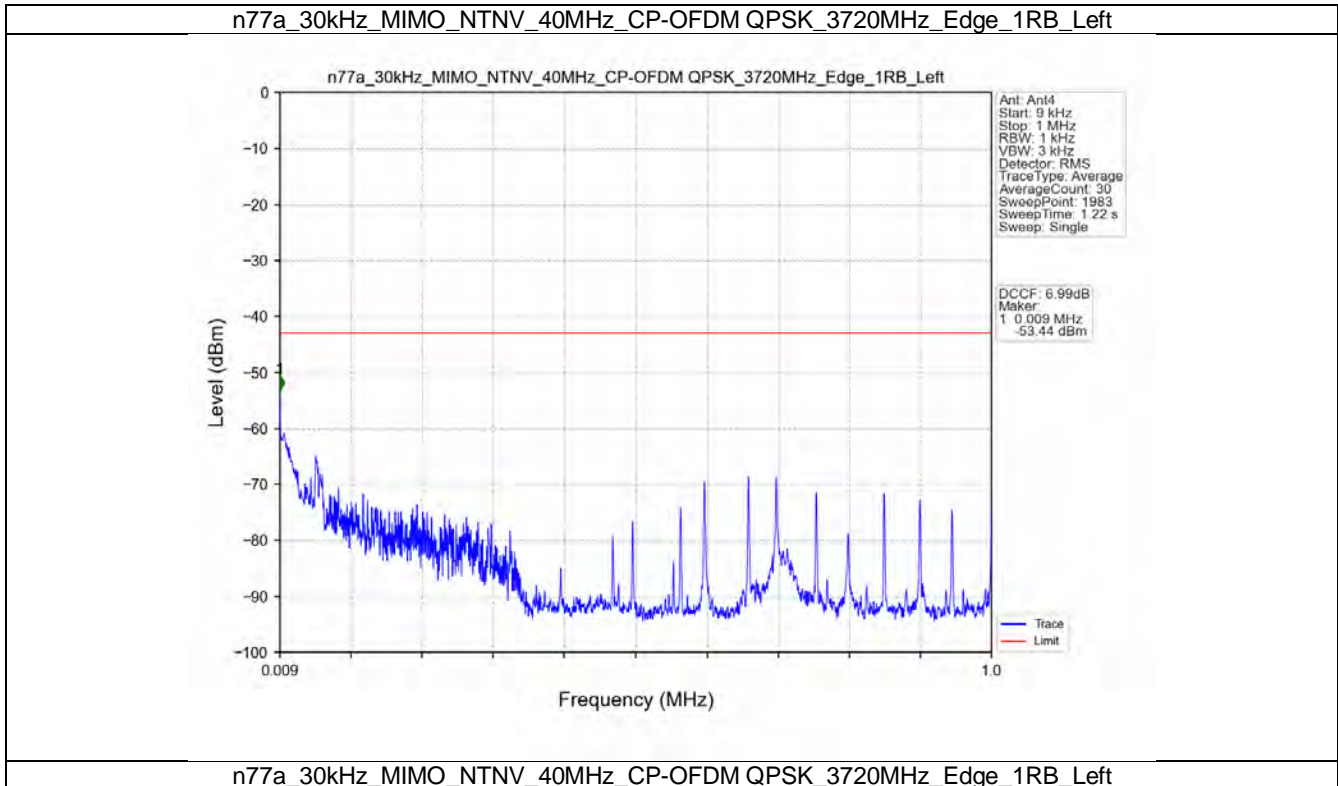


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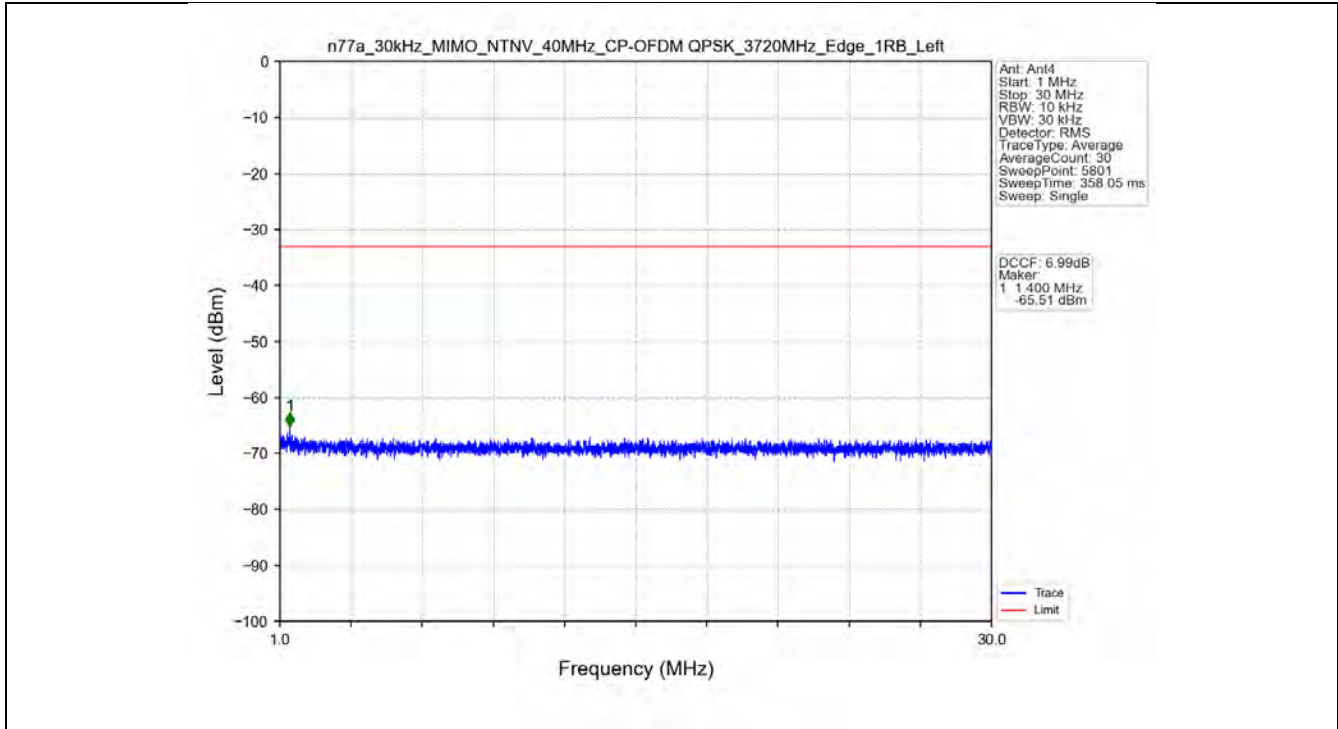


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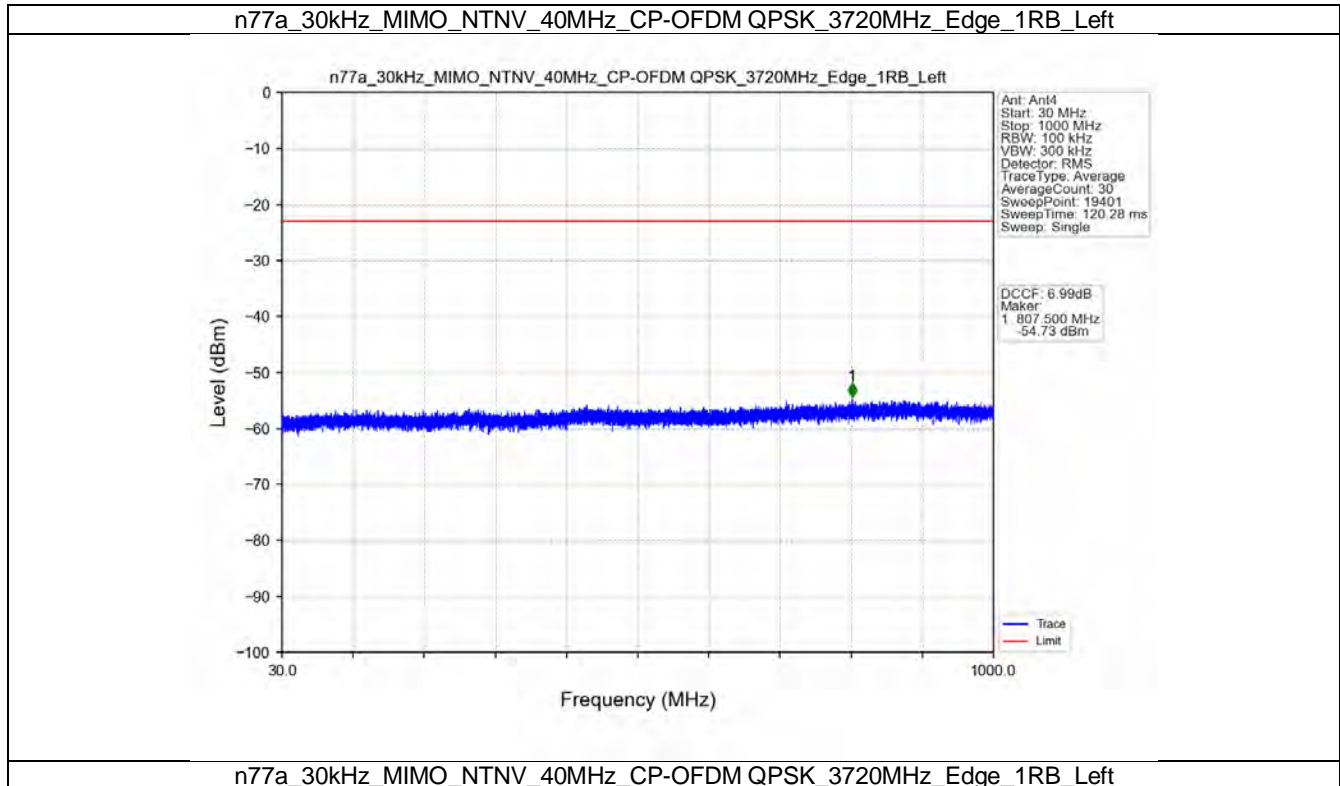


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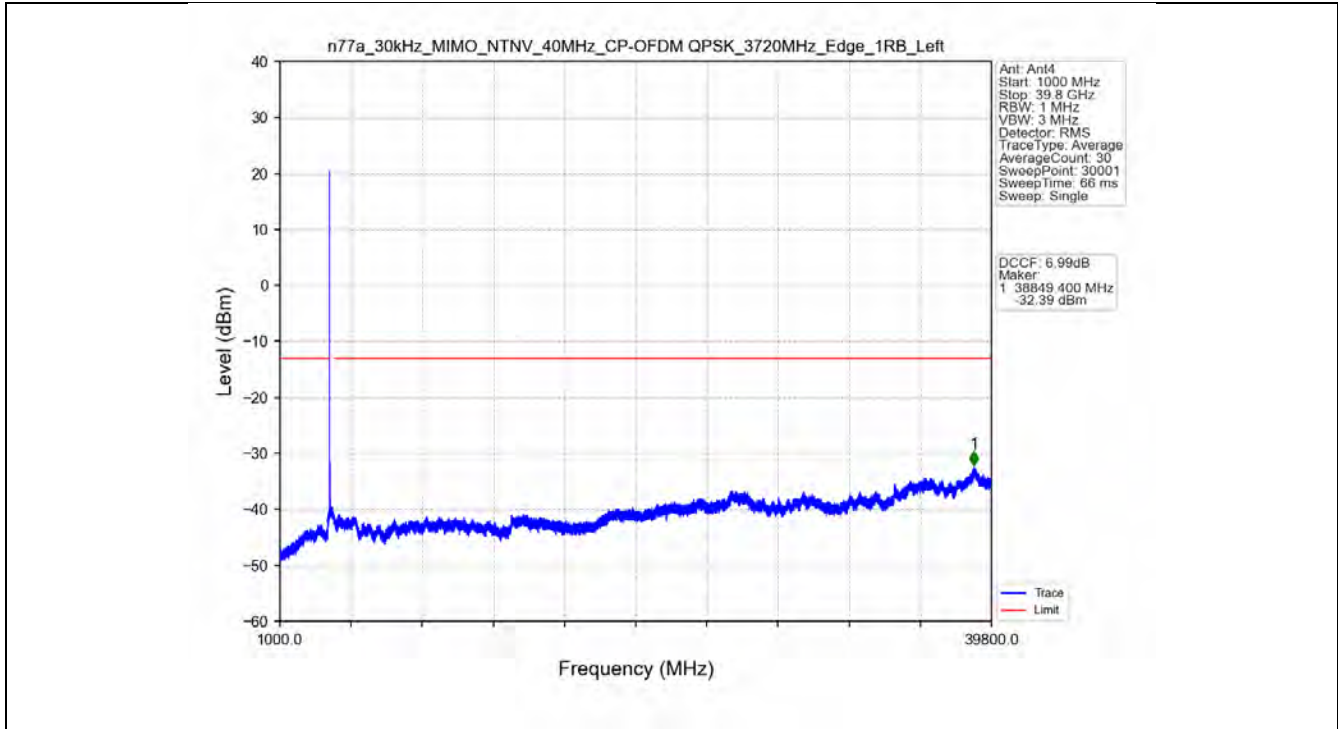


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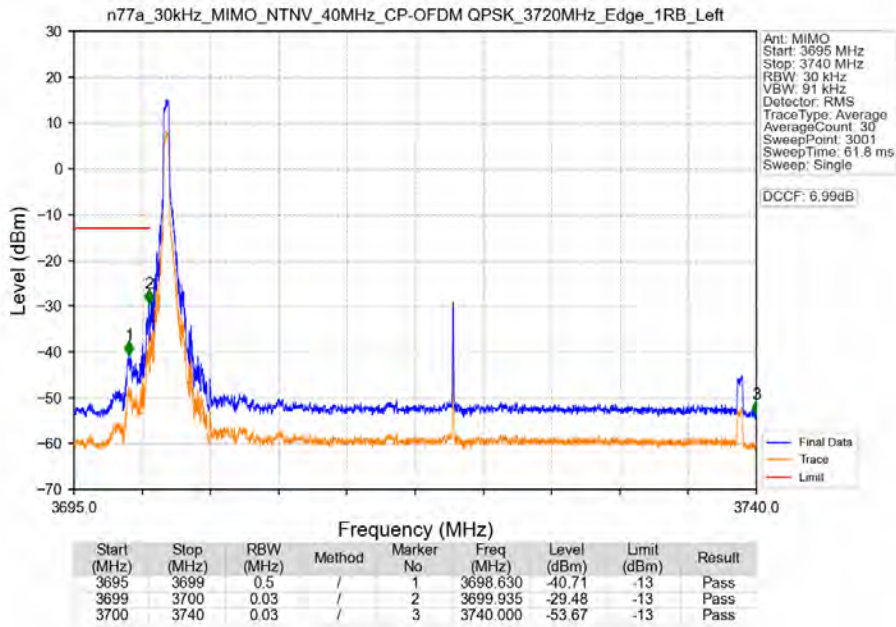
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3720MHz\_Edge\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3720MHz\_Edge\_1RB\_Left



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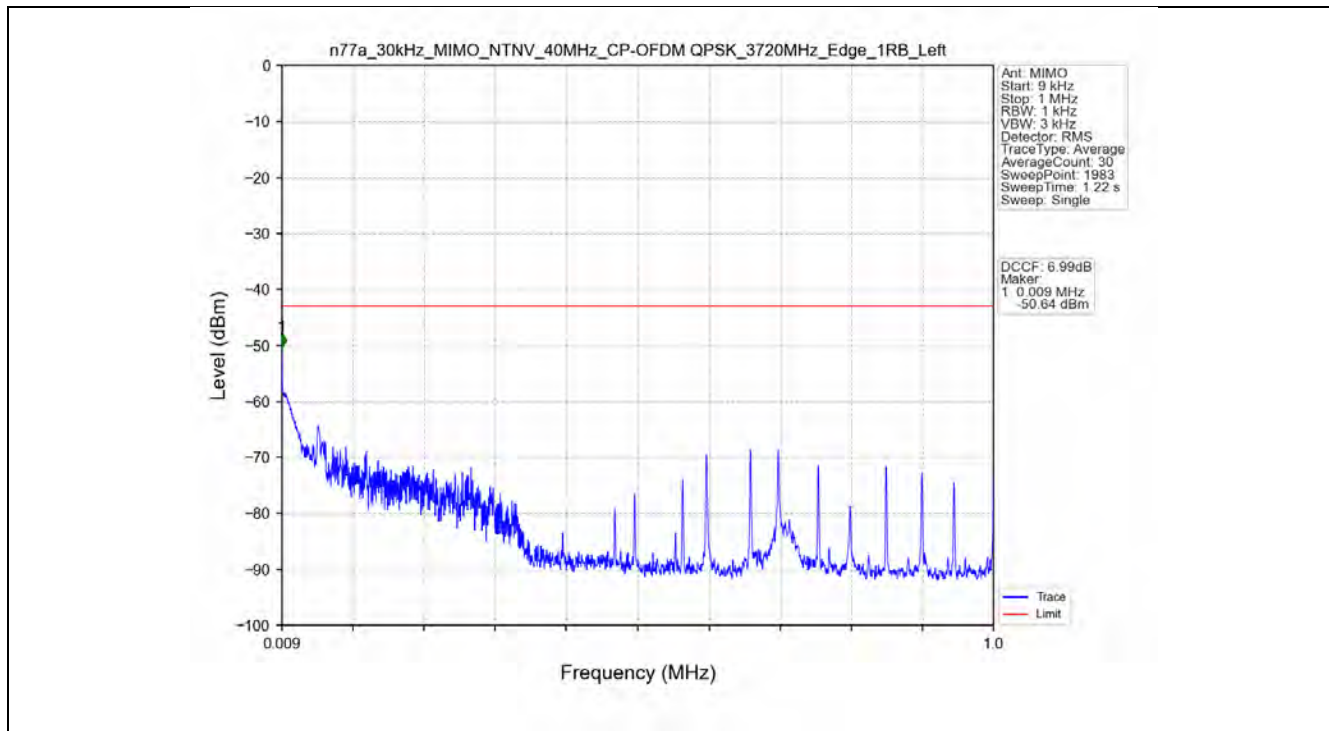
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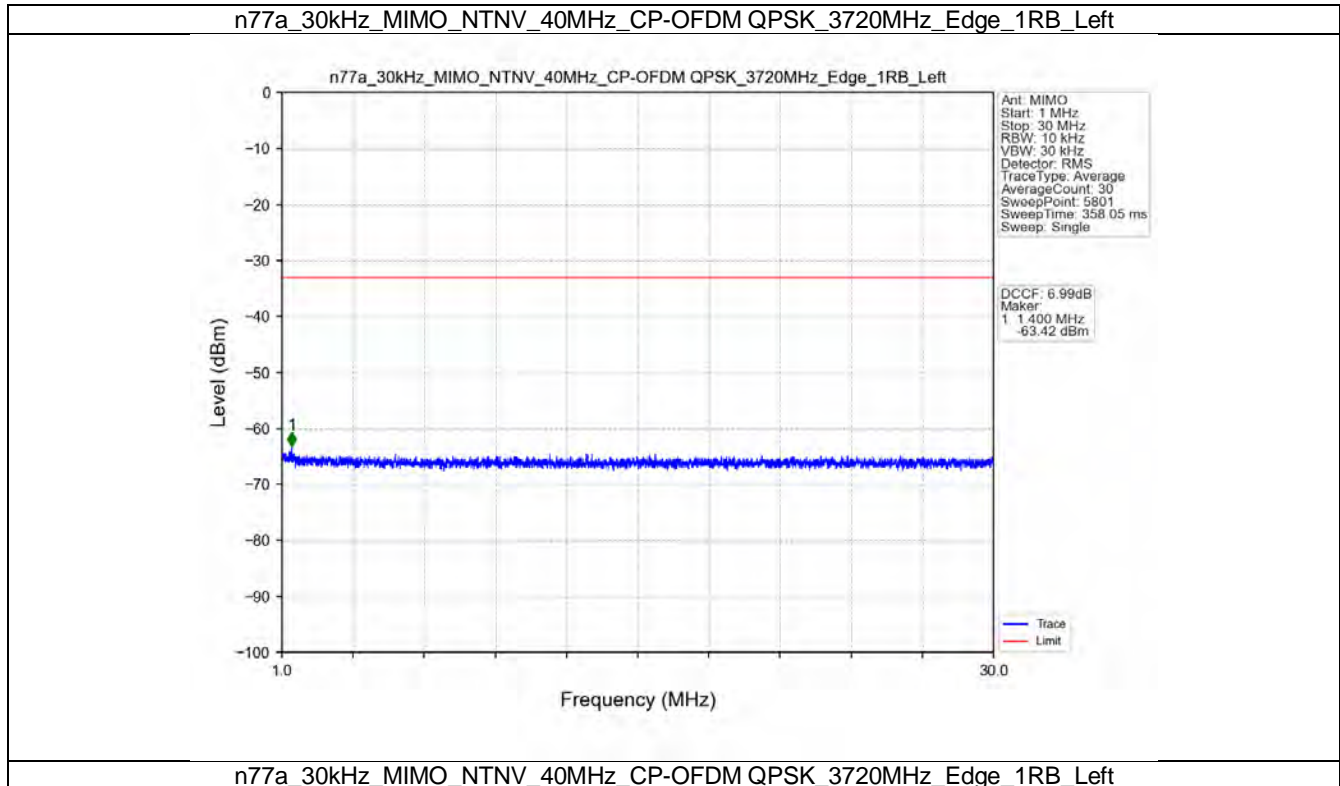


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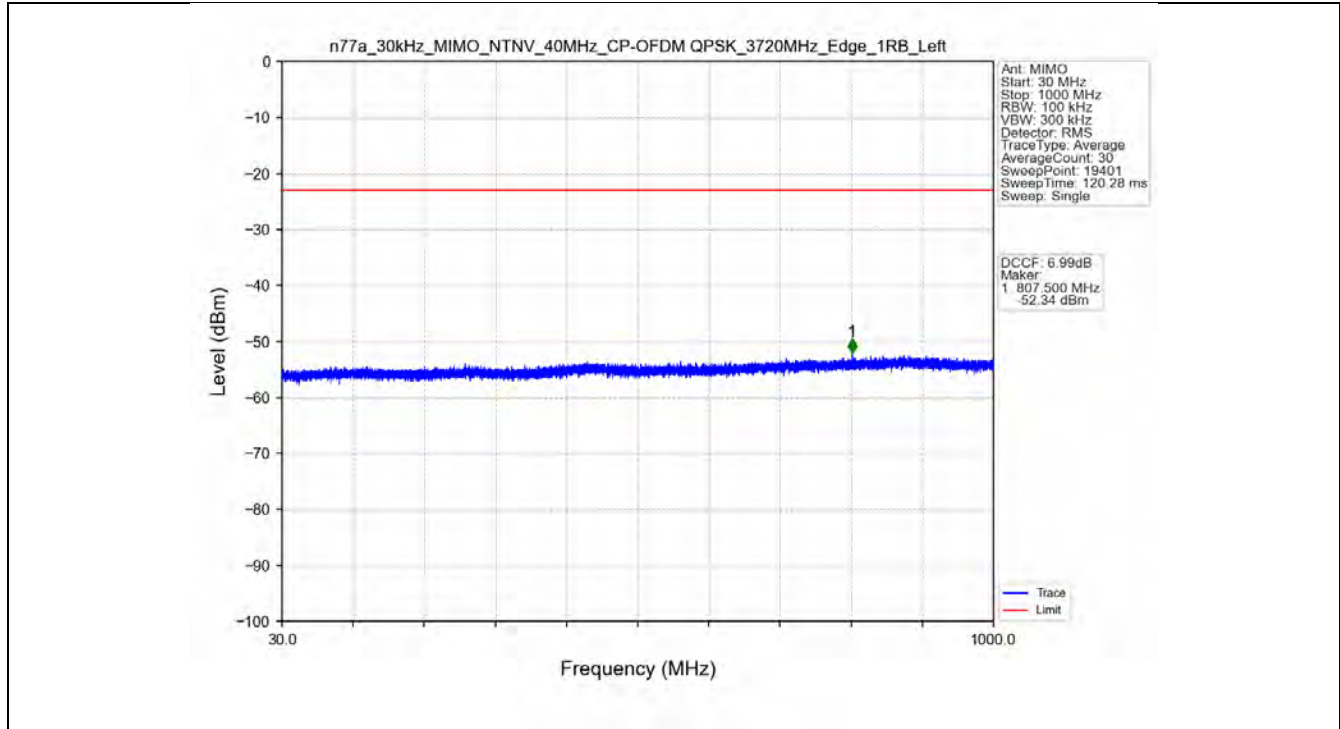


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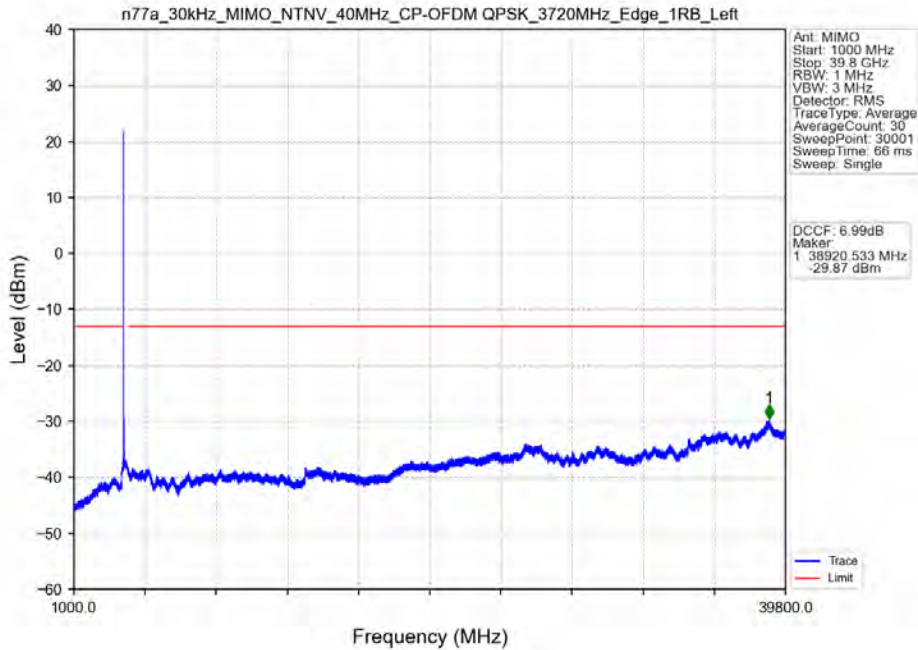
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3720MHz\_Outer\_Full



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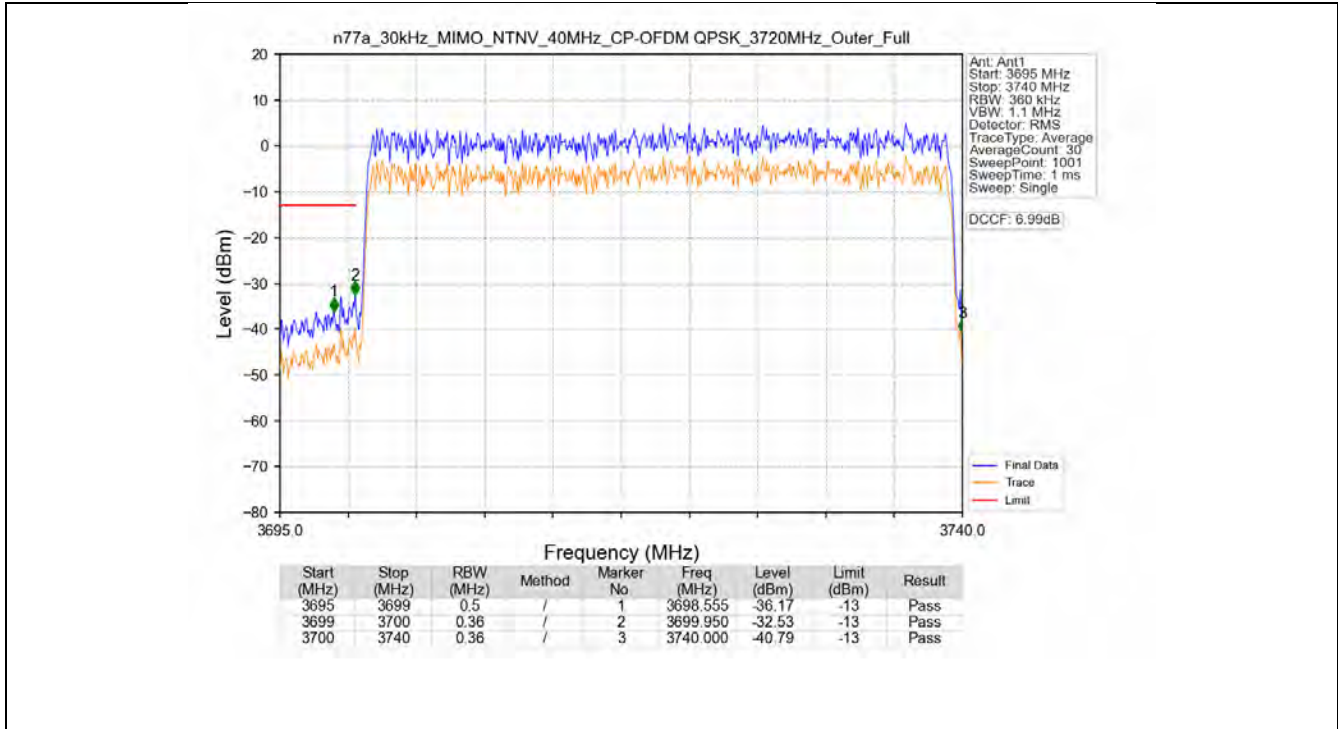


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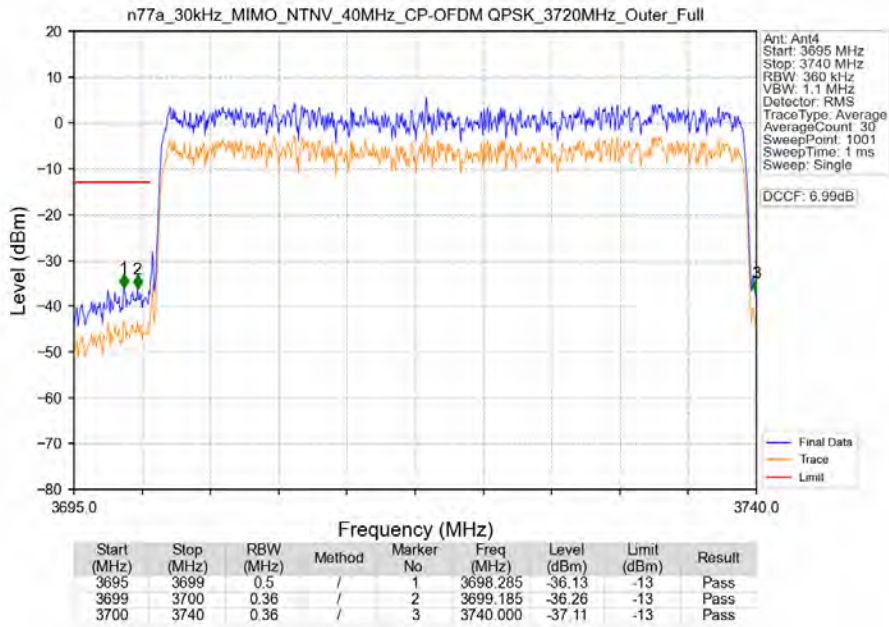
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3720MHz\_Outer\_Full



n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3720MHz\_Outer\_Full



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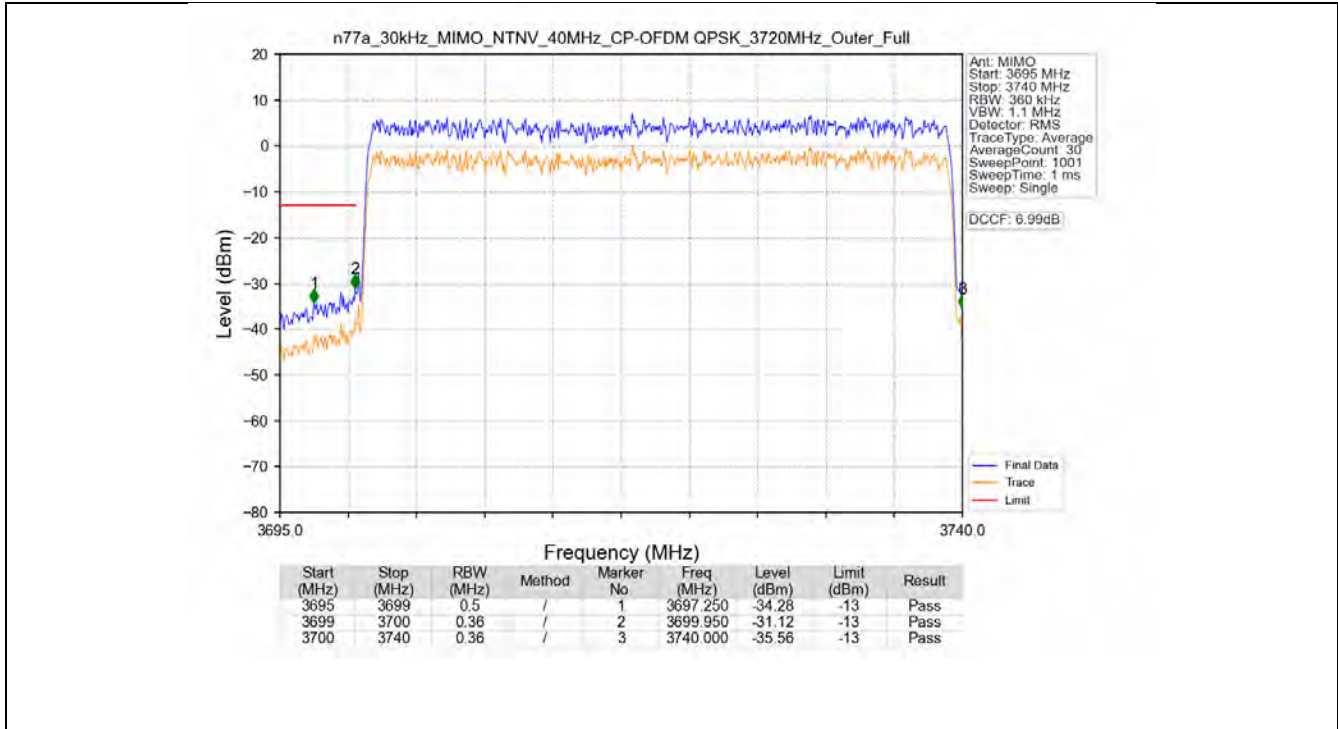


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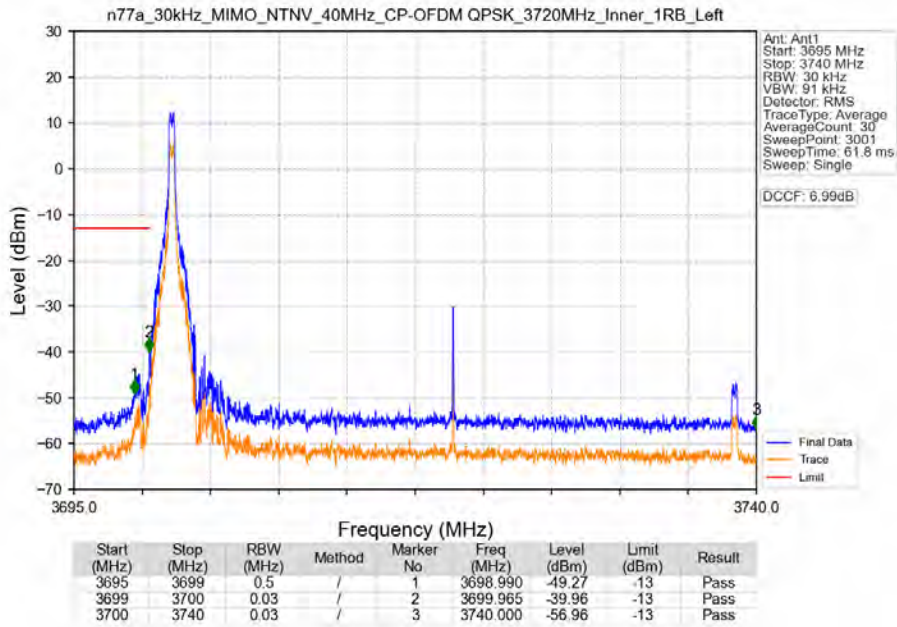
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3720MHz\_Inner\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3720MHz\_Inner\_1RB\_Left



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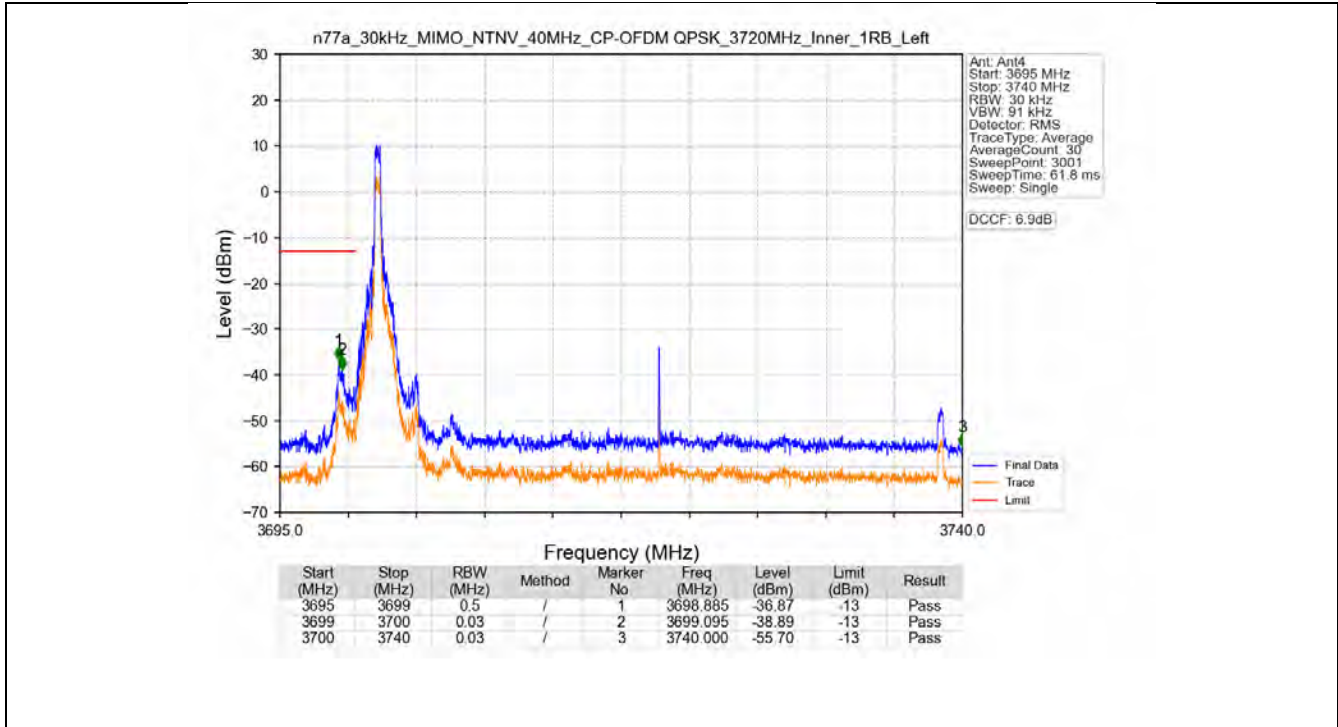


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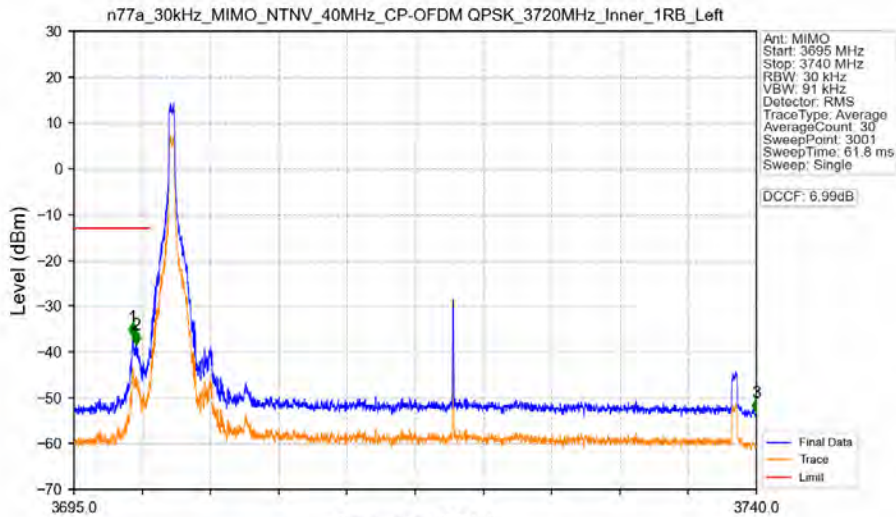
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3720MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3698.885	-36.66	-13	Pass
3699	3700	0.03	/	2	3699.095	-38.44	-13	Pass
3700	3740	0.03	/	3	3740.000	-53.22	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3960MHz\_Edge\_1RB\_Right



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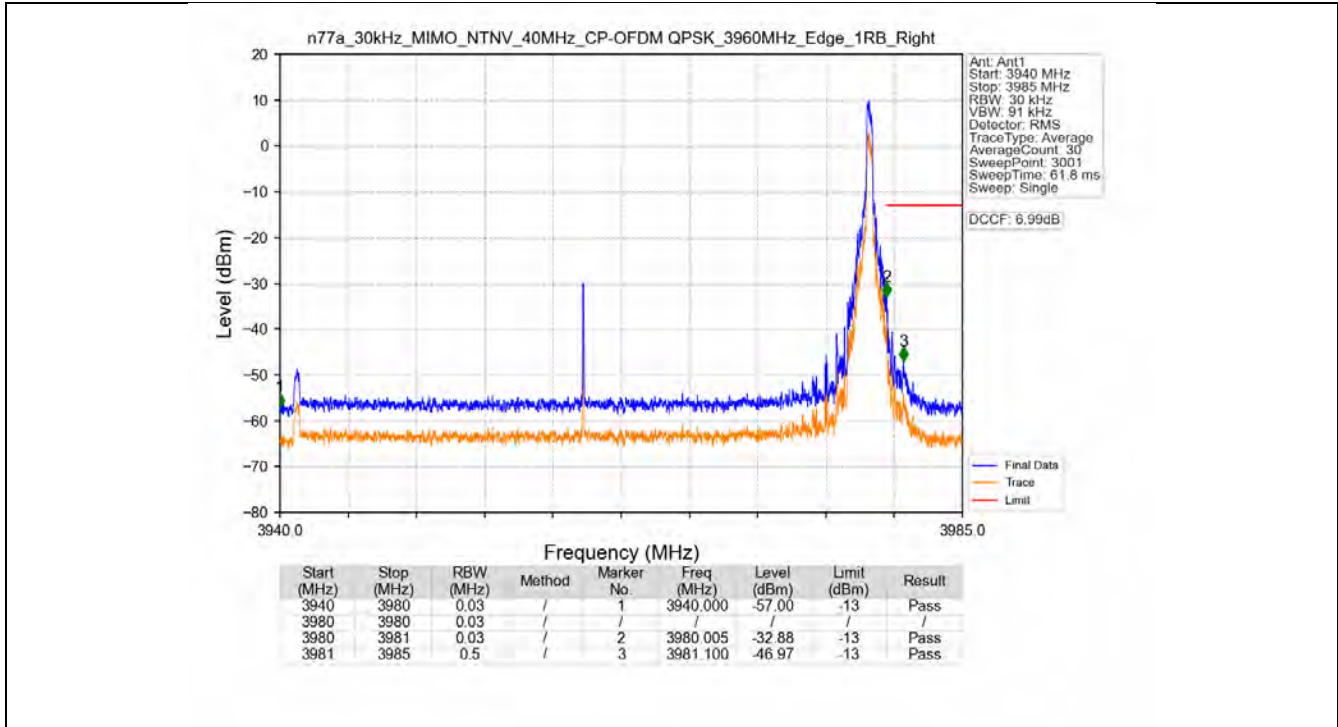


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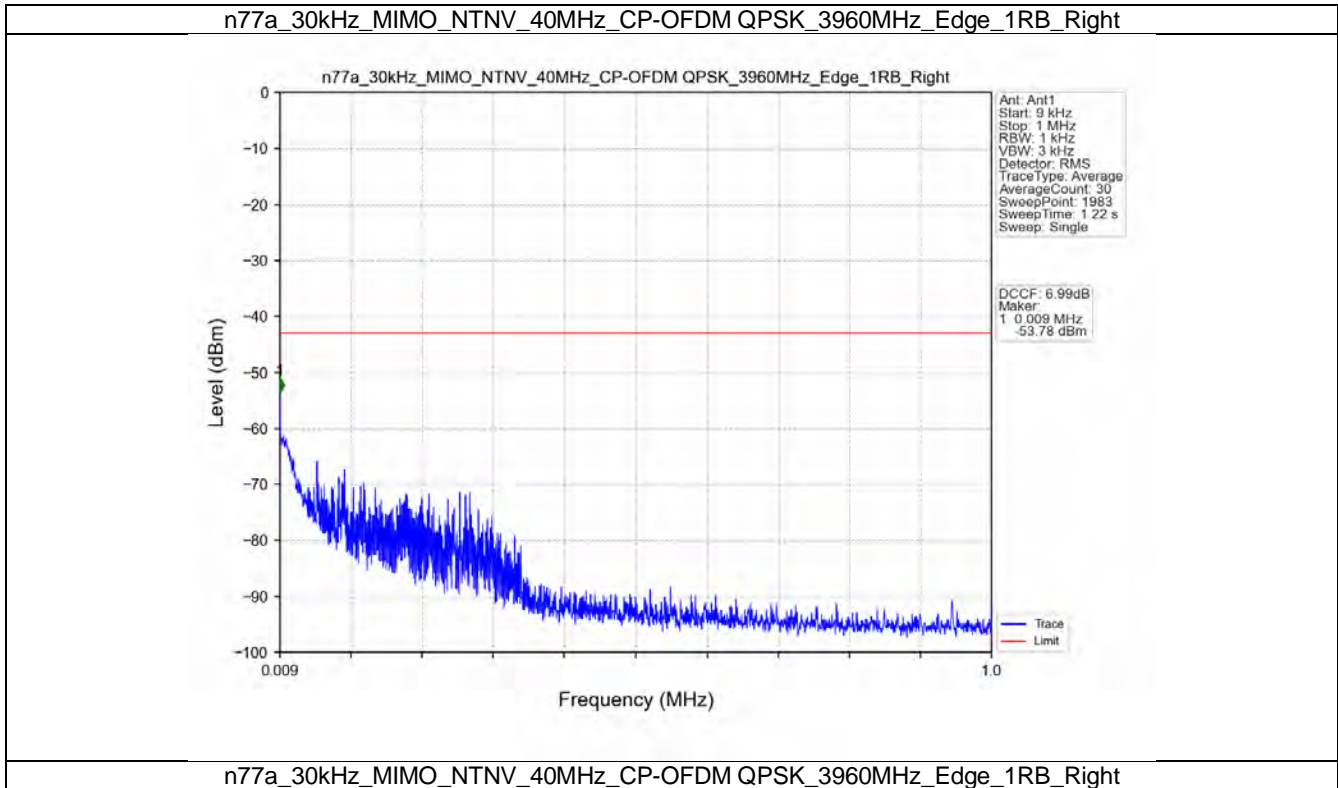


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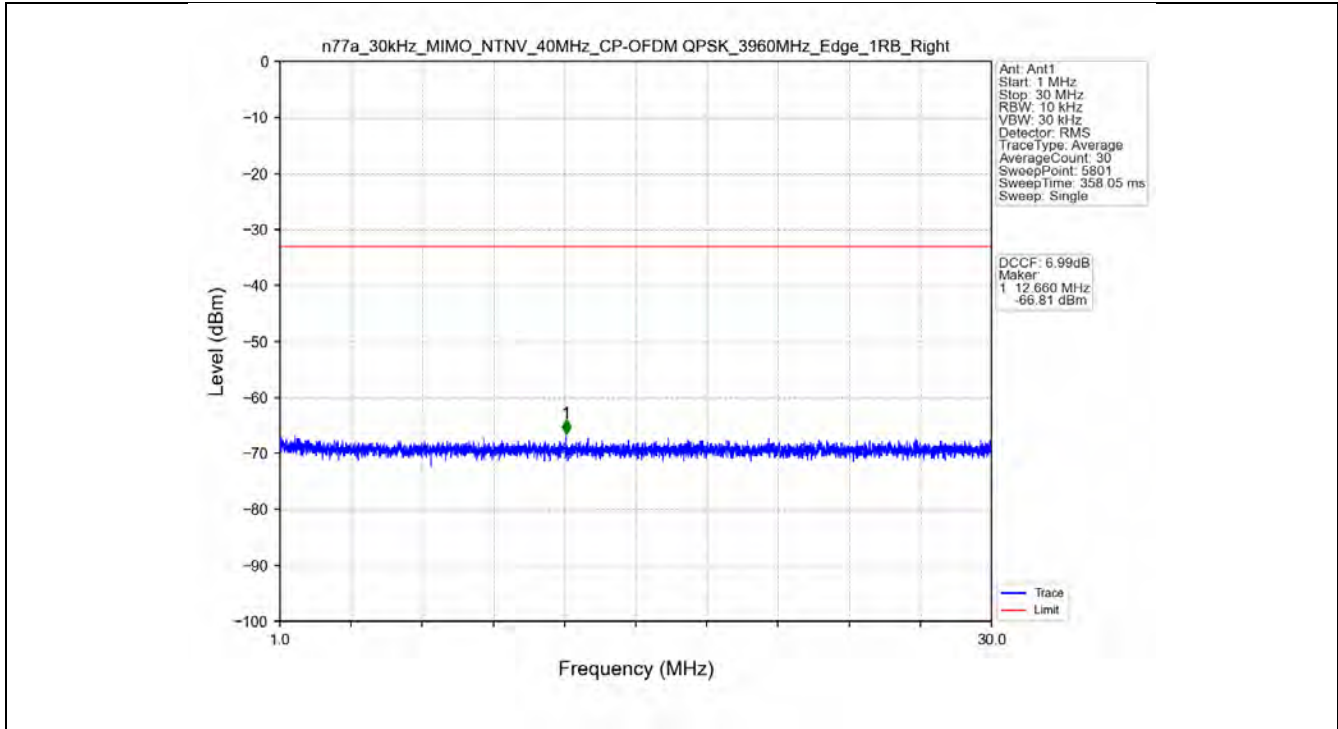


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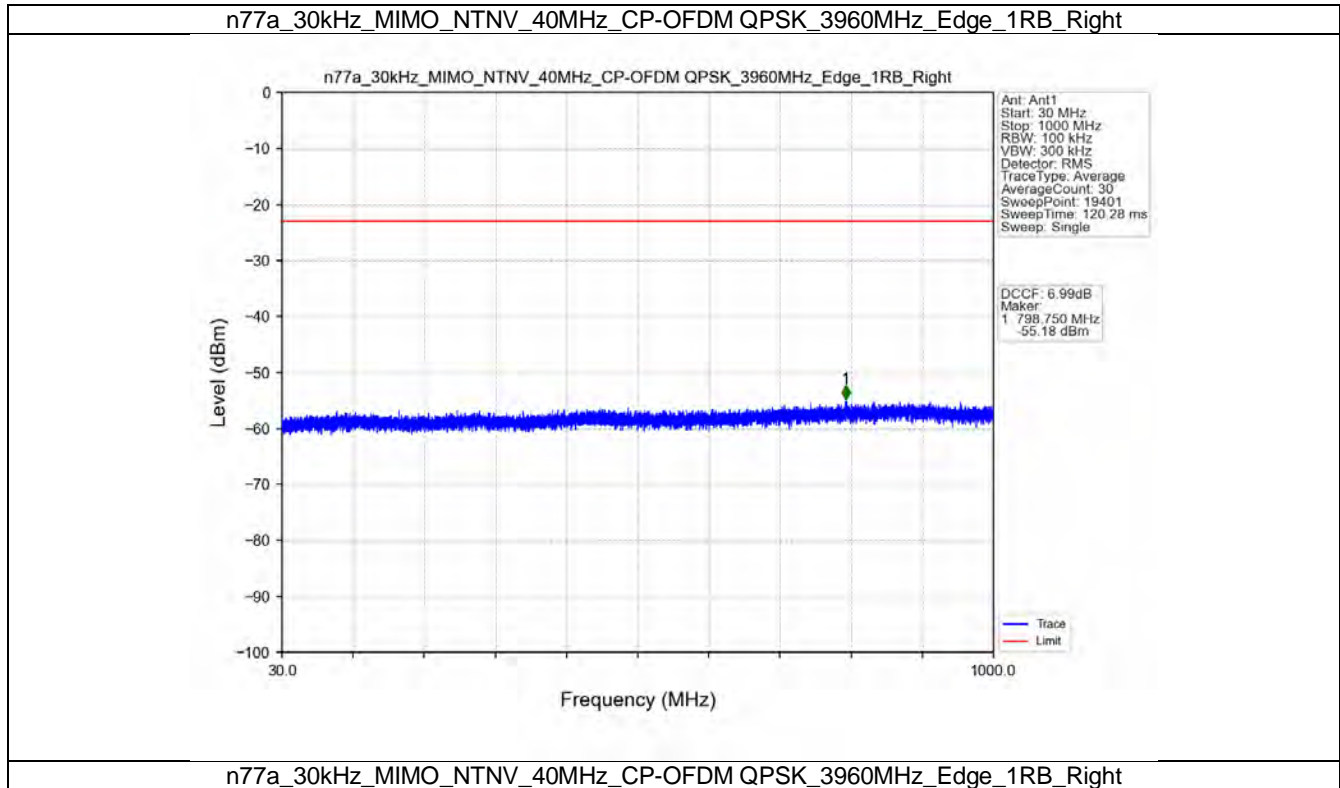


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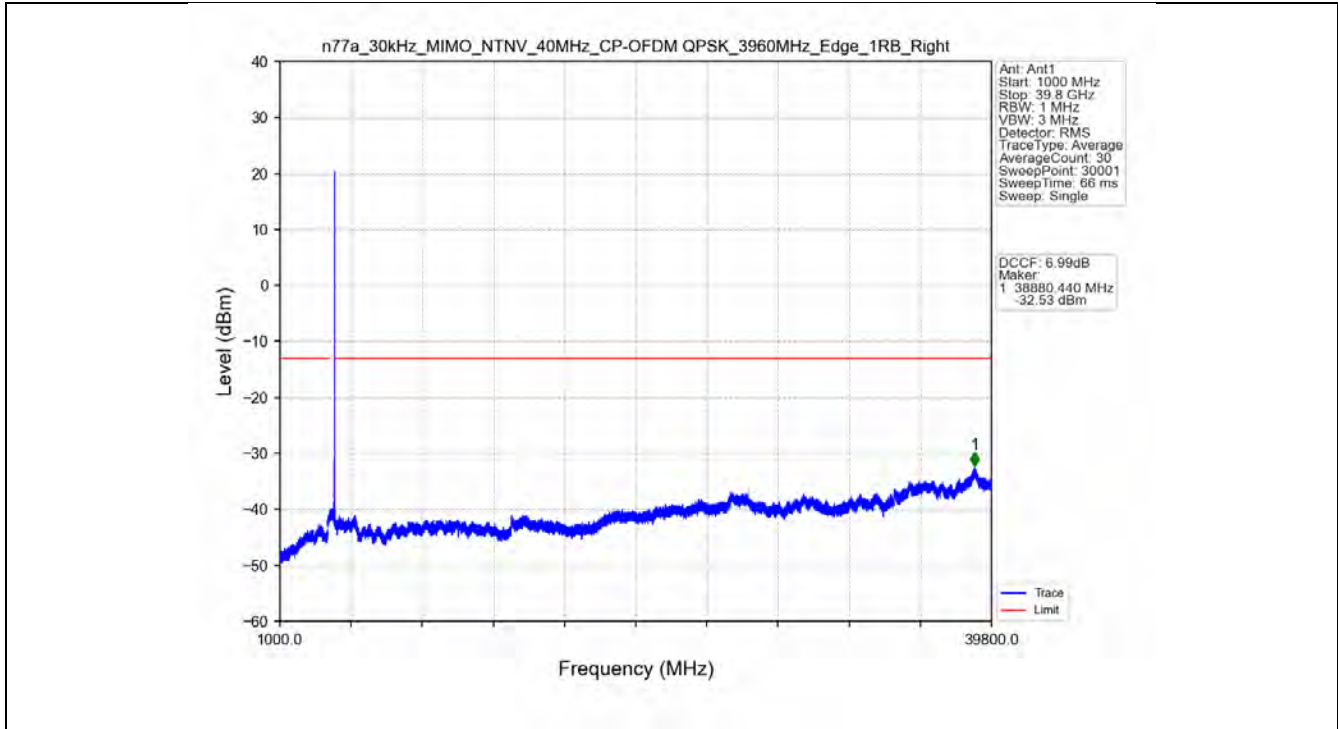


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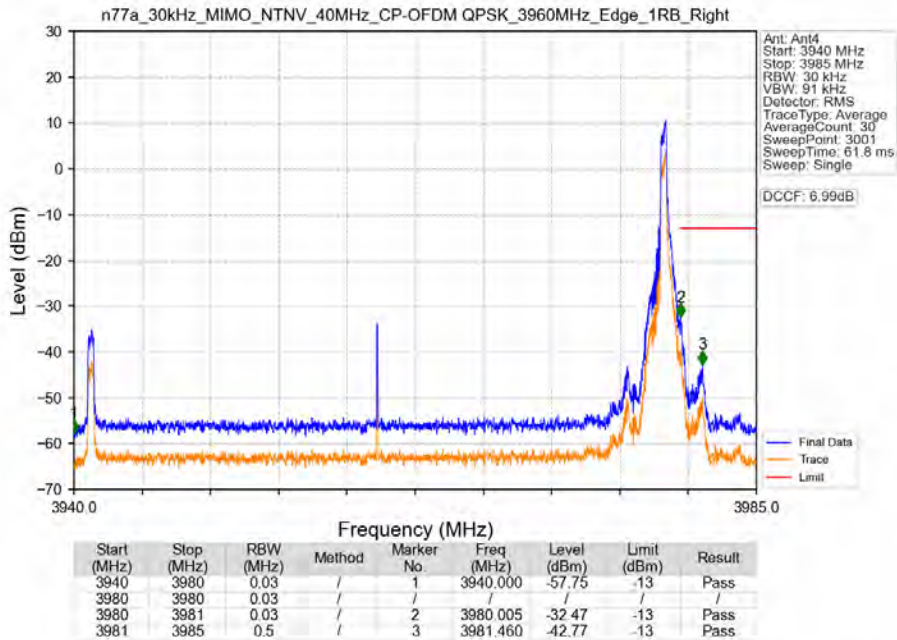
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3960MHz\_Edge\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3960MHz\_Edge\_1RB\_Right



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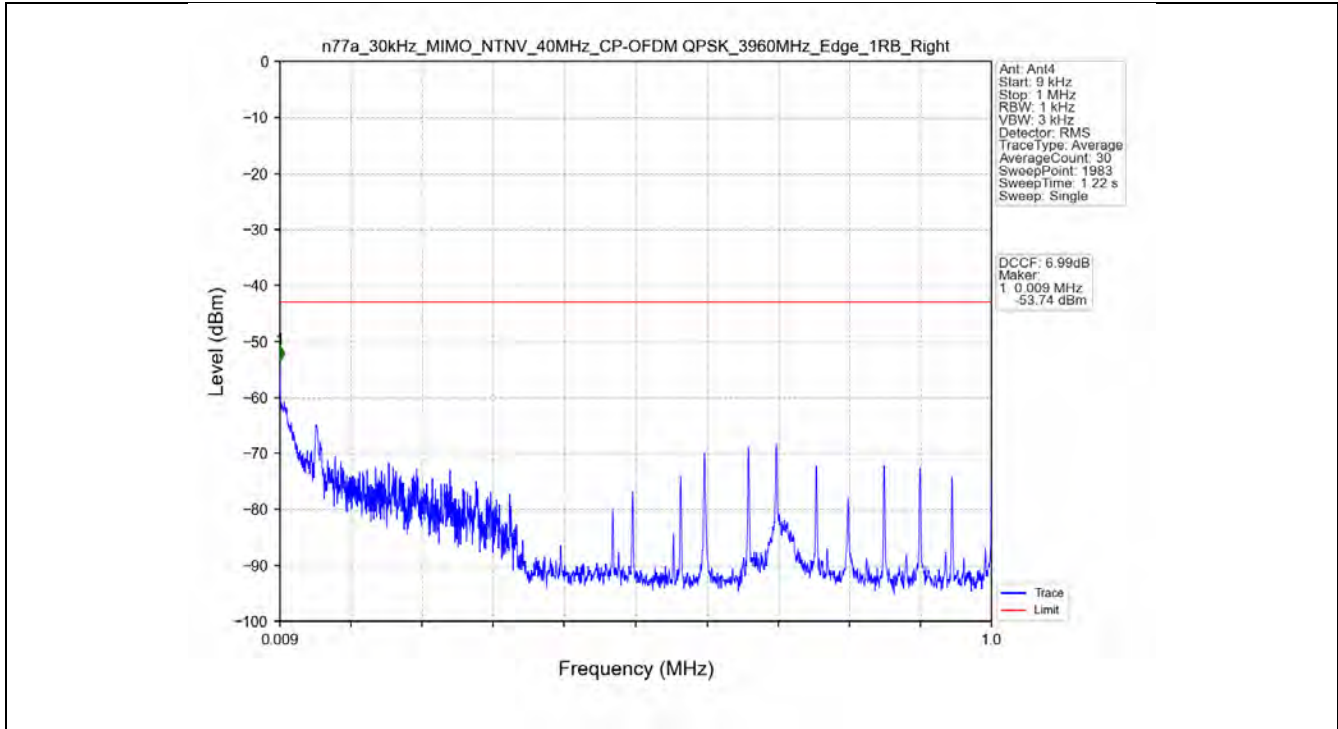


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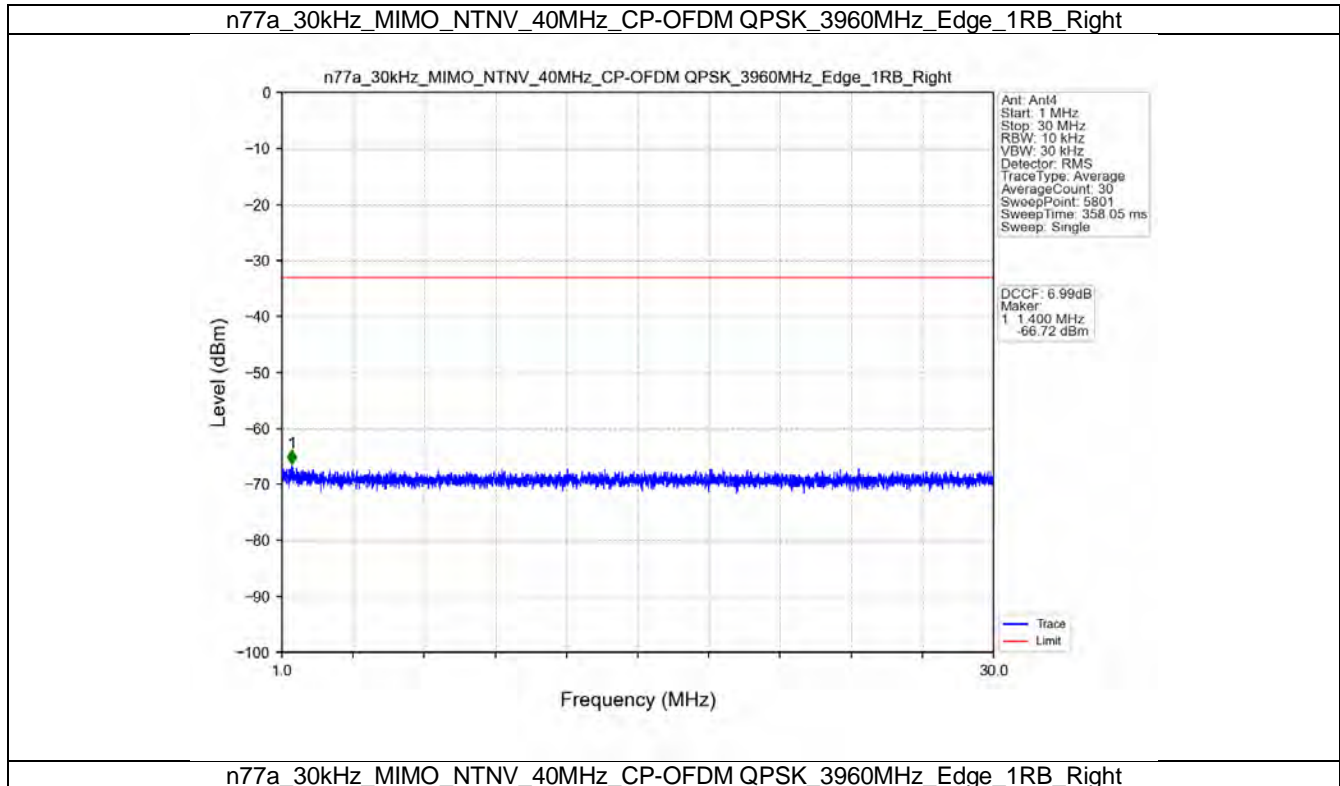


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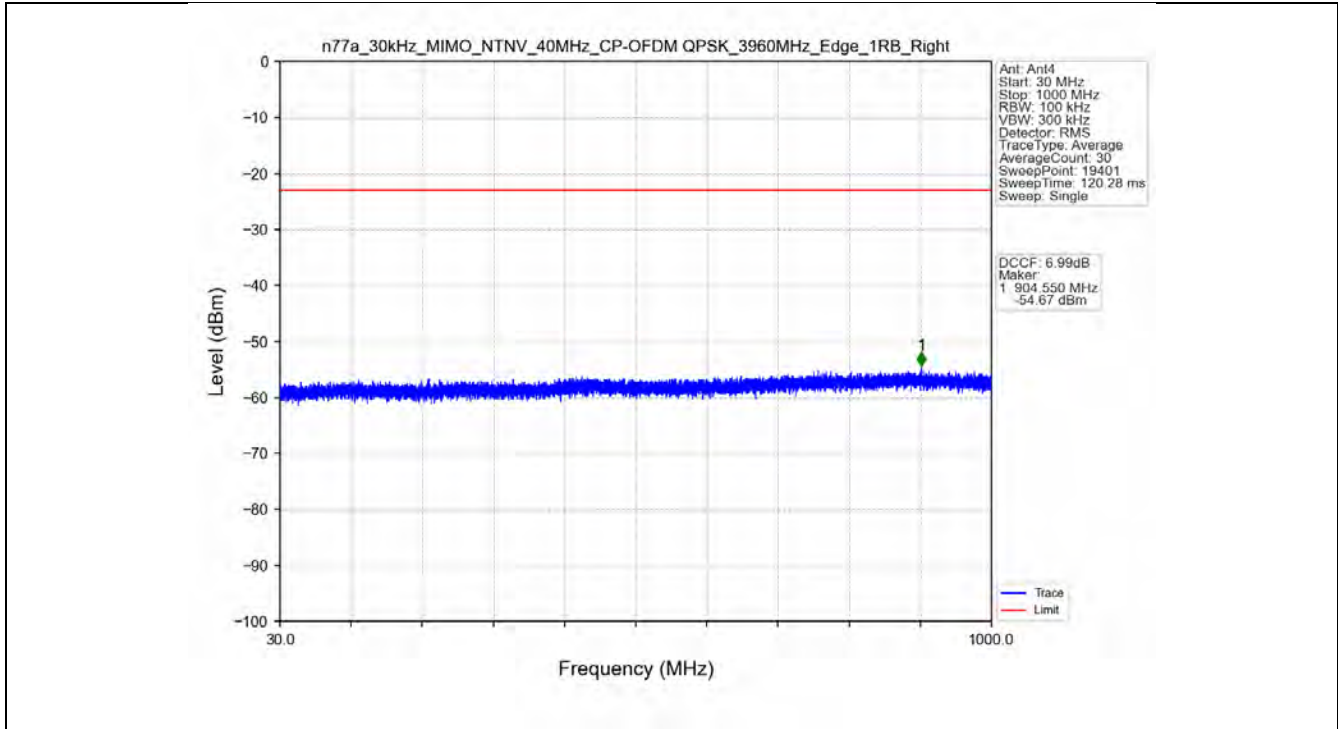


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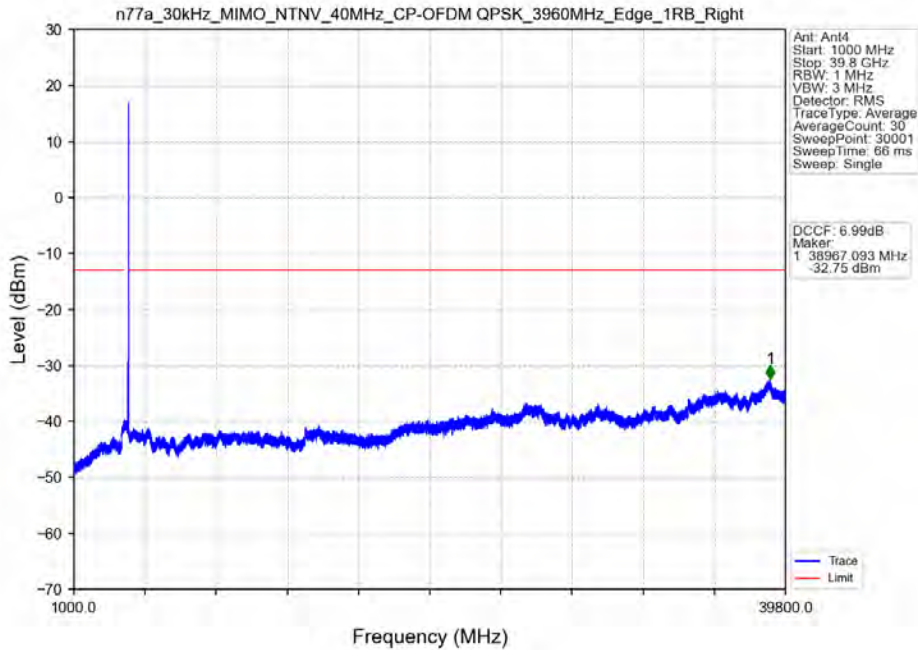
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3960MHz\_Edge\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM QPSK\_3960MHz\_Edge\_1RB\_Right



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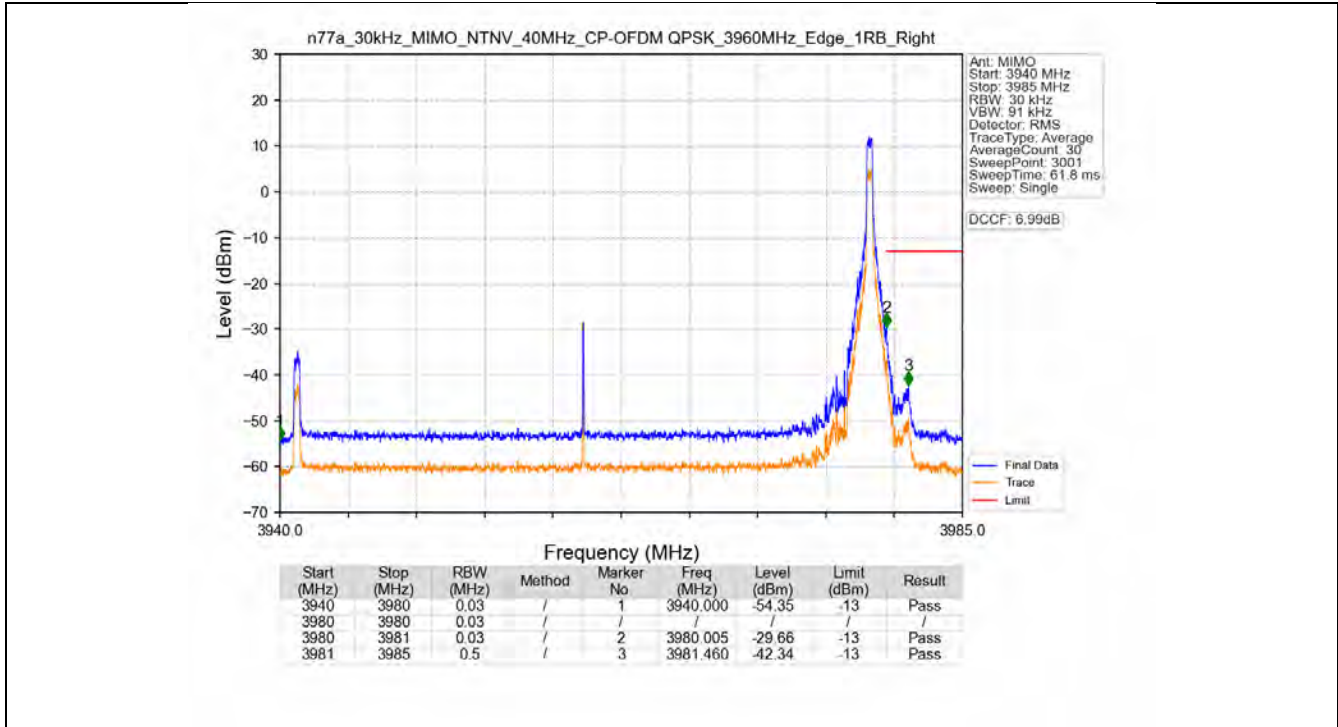


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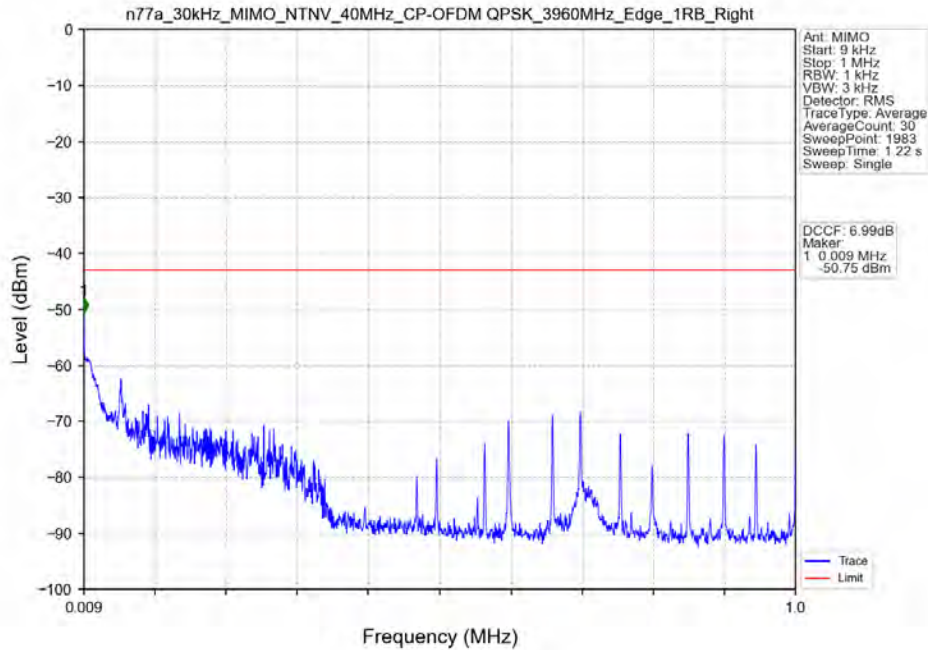
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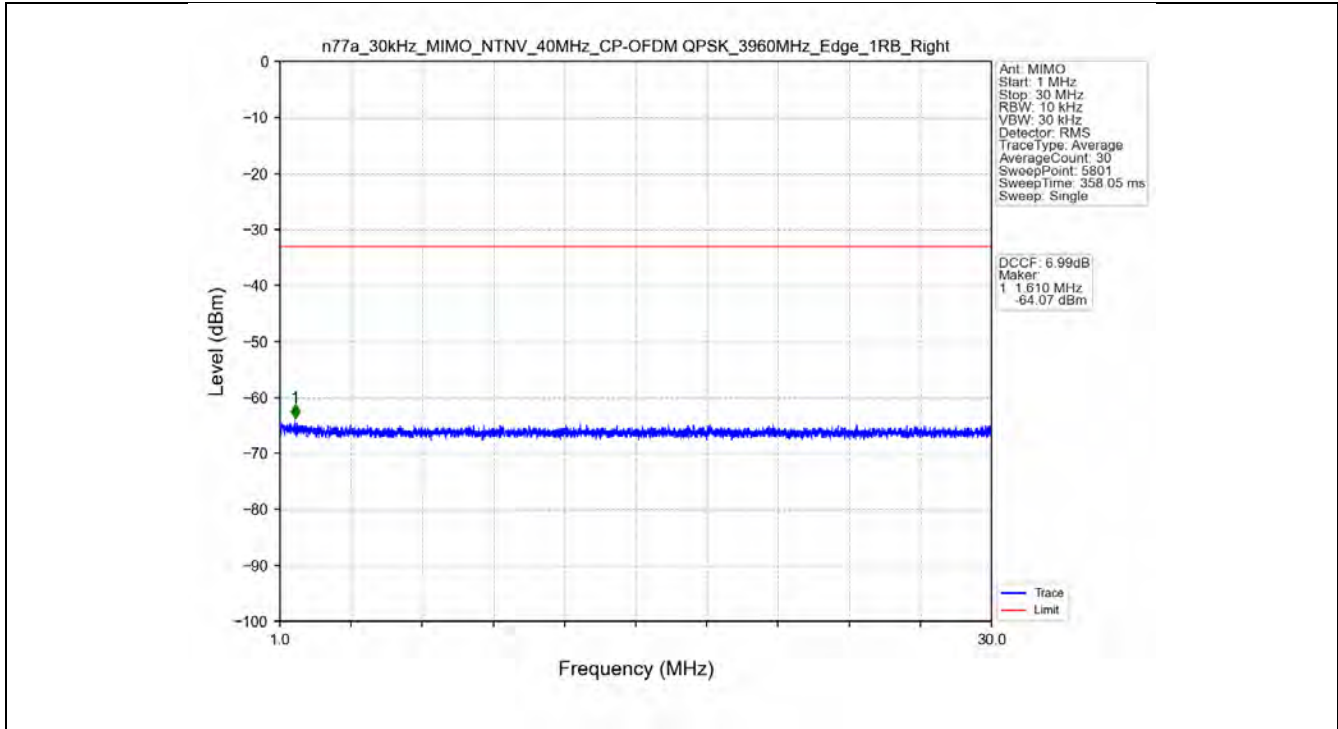


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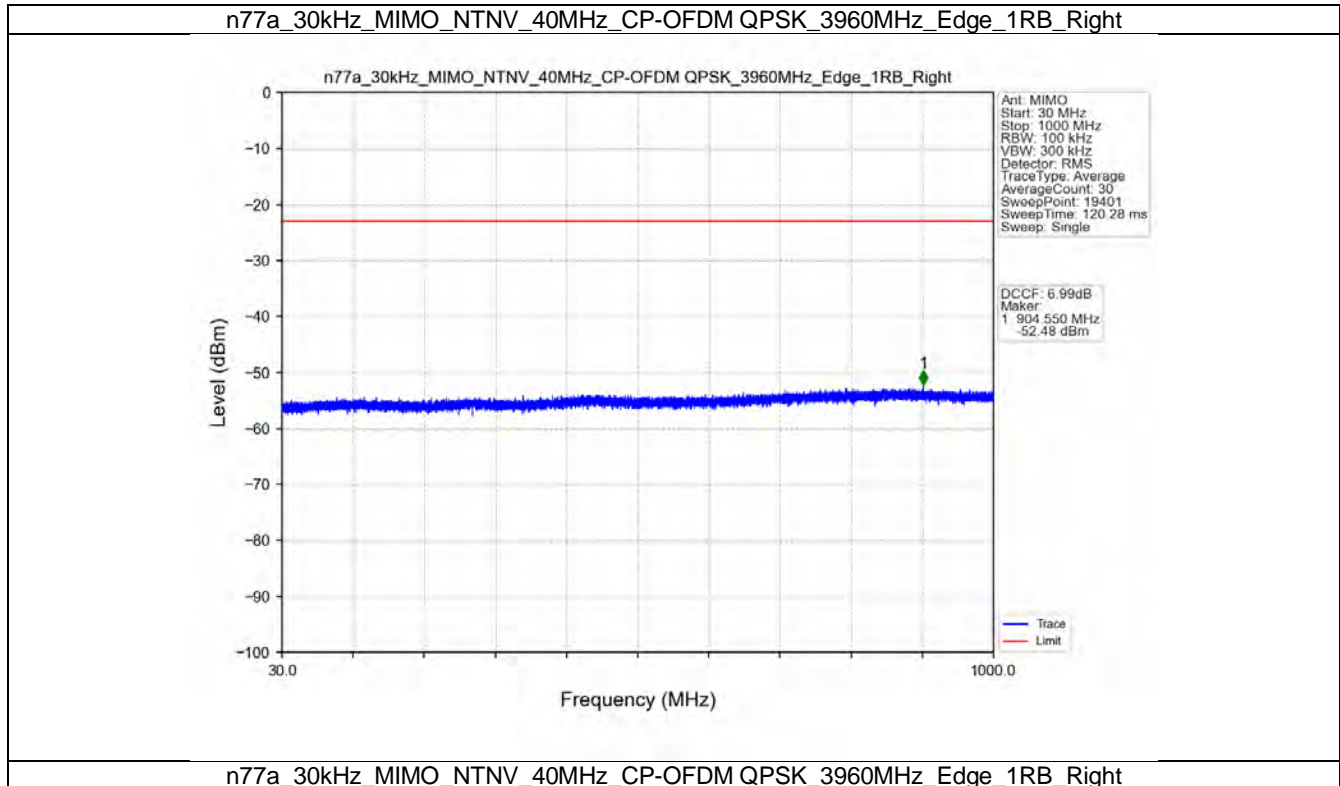


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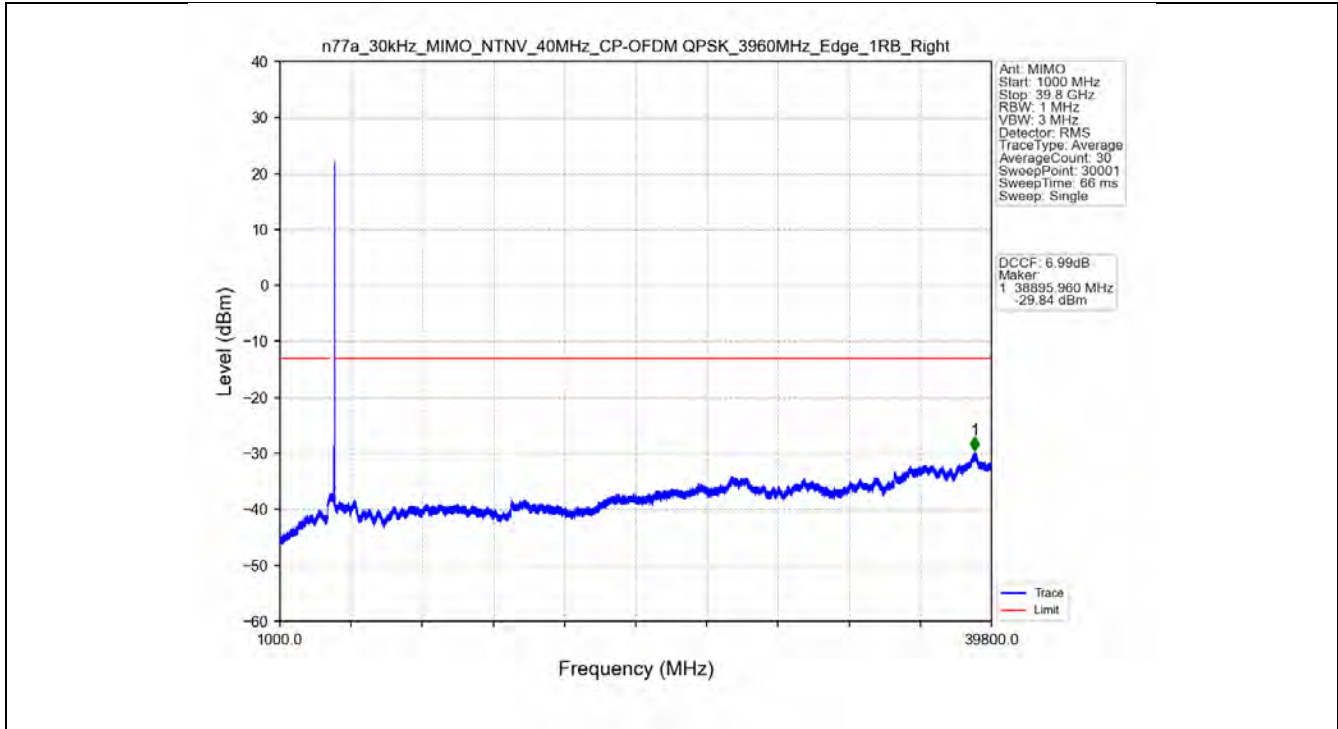


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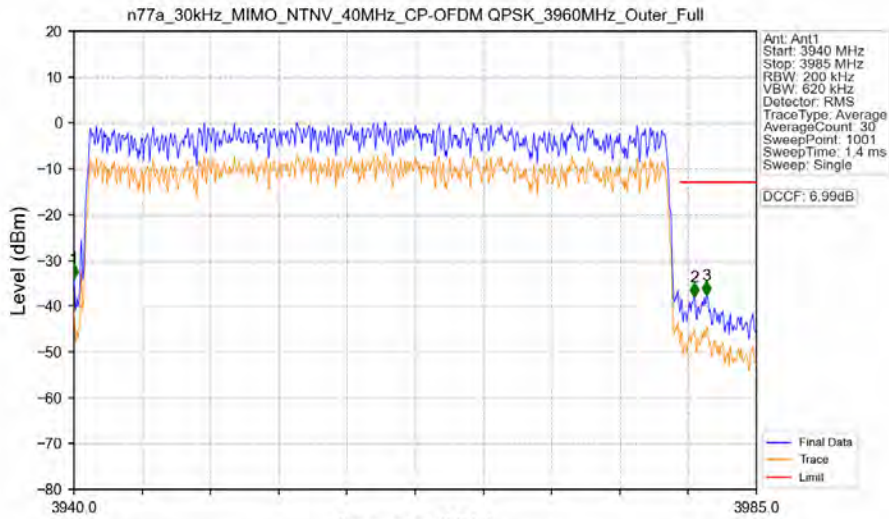
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n77a\_30kHz\_MIMO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3960MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.2	/	1	3940.000	-33.92	-13	Pass
3980	3980	0.2	/	/	/	/	/	/
3980	3981	0.2	/	2	3980.905	-37.98	-13	Pass
3981	3985	0.5	/	3	3981.715	-37.65	-13	Pass

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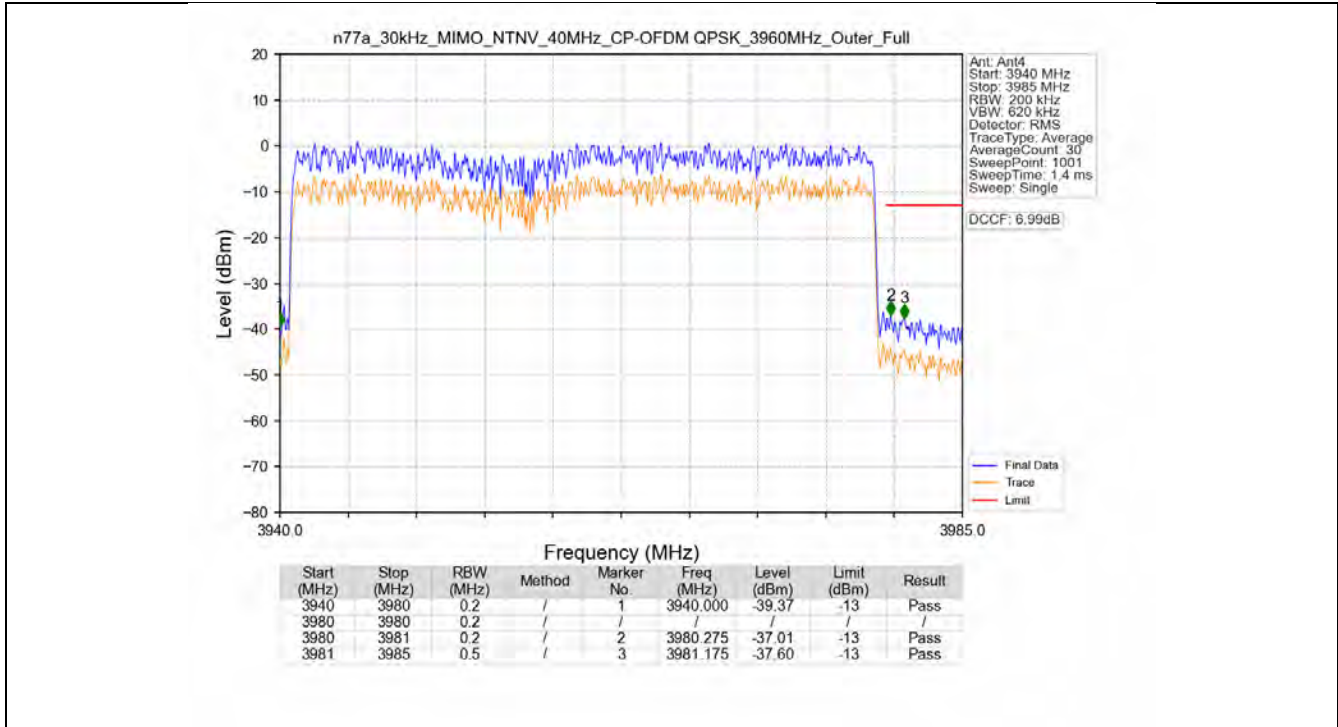


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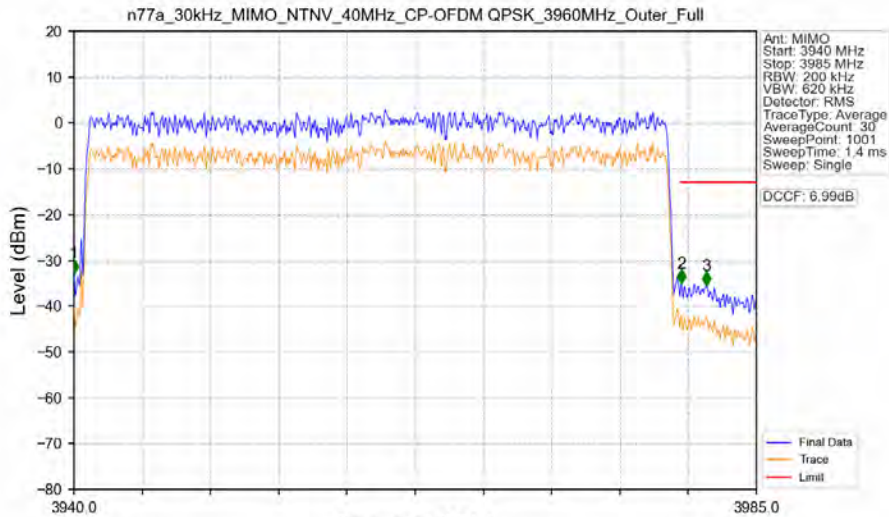
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.2	/	1	3940.000	-32.83	-13	Pass
3980	3980	0.2	/	/	/	/	/	/
3980	3981	0.2	/	2	3980.050	-35.01	-13	Pass
3981	3985	0.5	/	3	3981.715	-35.52	-13	Pass

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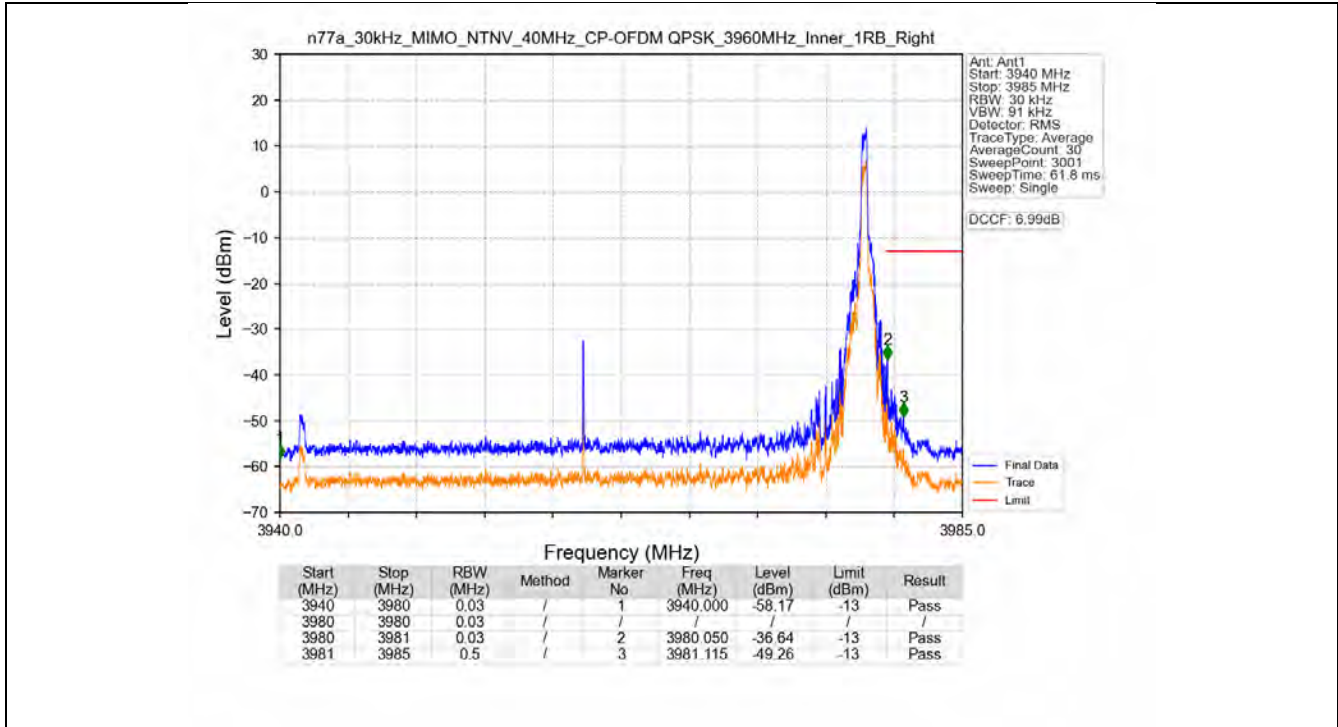


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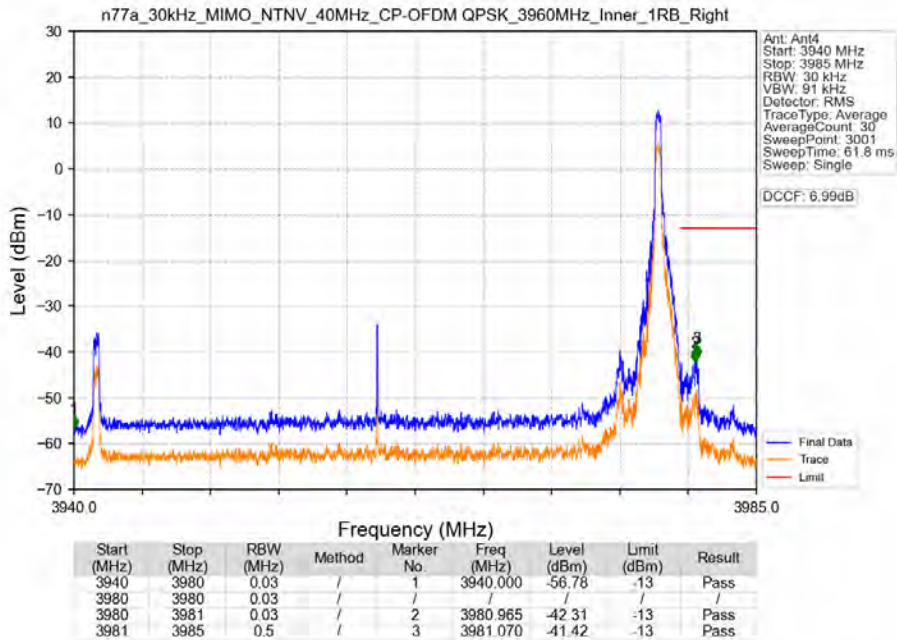
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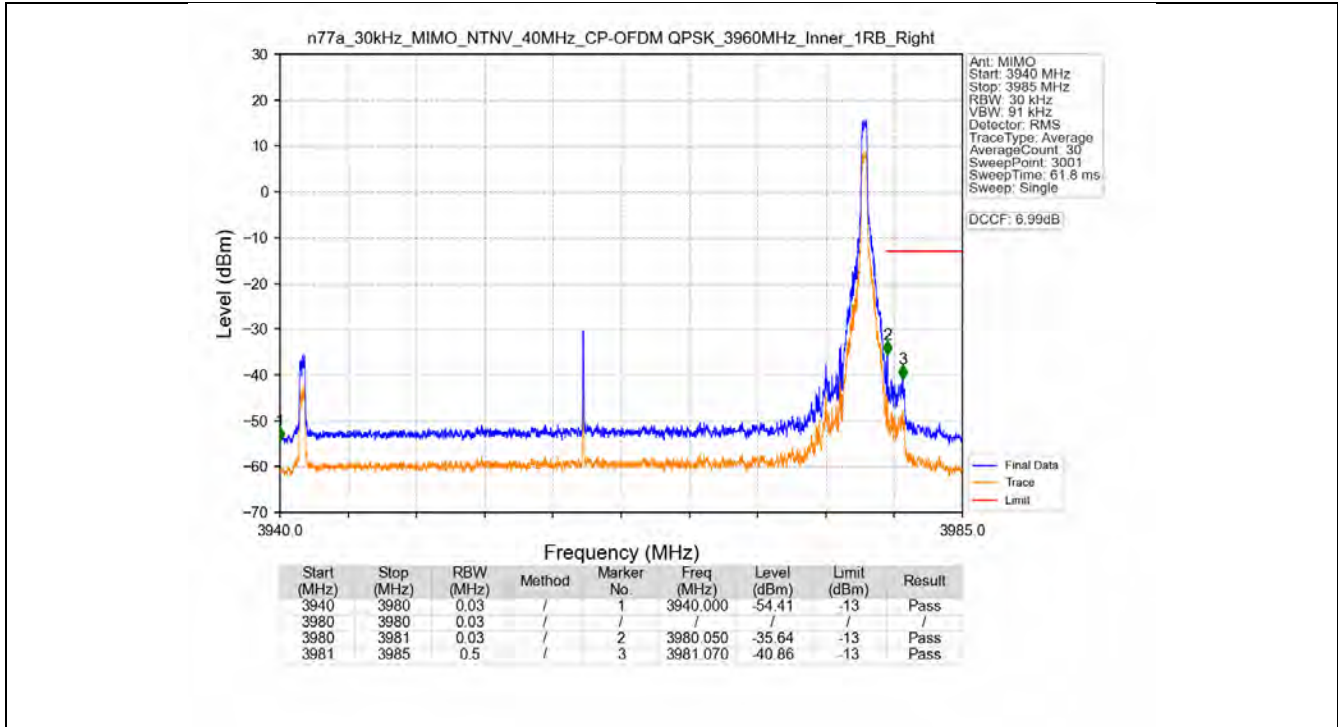


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## 5.10 30k\_MIMO\_60MHz\_NTNV

### 5.10.1 Test Result

5G NR n77a SCS=30kHz MIMO 60MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant4	Sum	
CP-OFDM QPSK	3730.02	Edge_1RB_Left	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
	3949.98	Inner_1RB_Left	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
	Outer_Full	Refer To Test Graph			Pass	
		Refer To Test Graph			Pass	
		Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	
		Refer To Test Graph			Pass	



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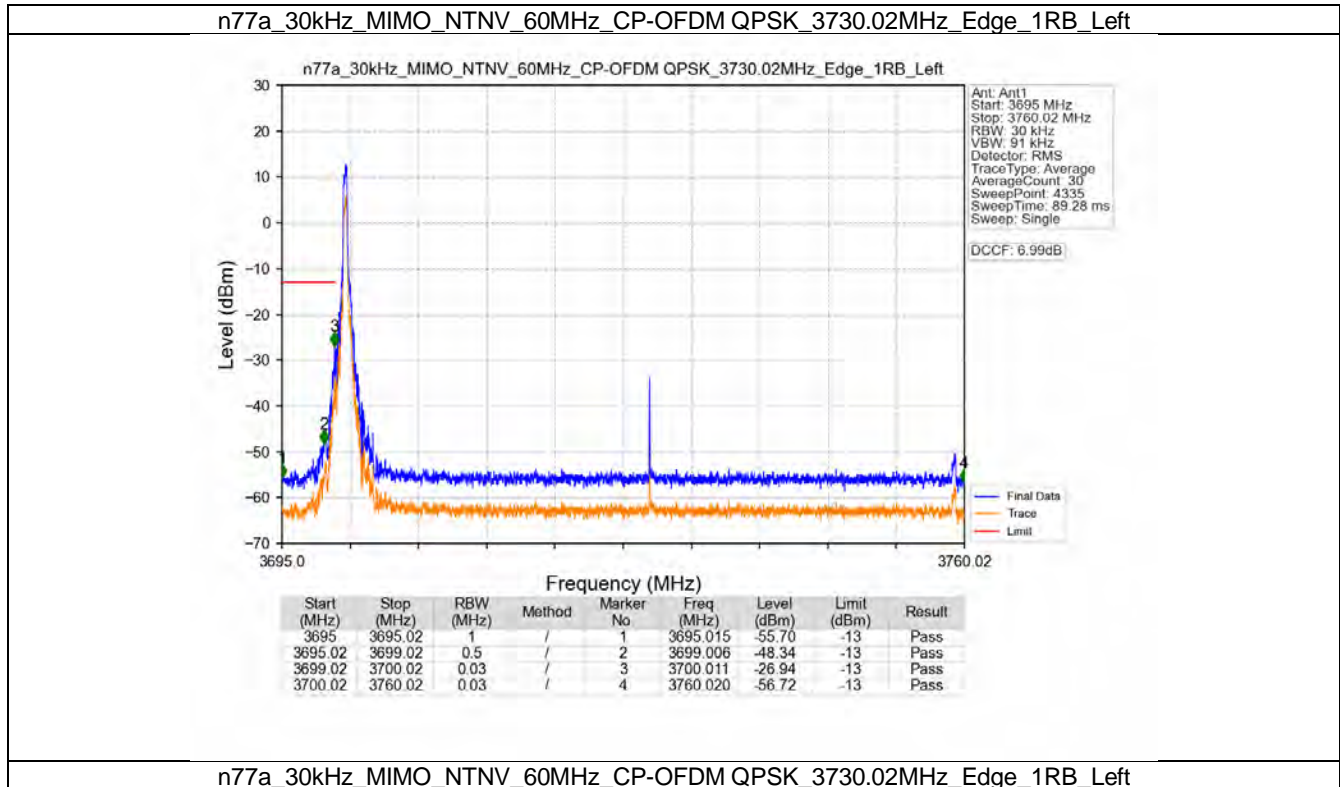
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5.10.2 Test Graph



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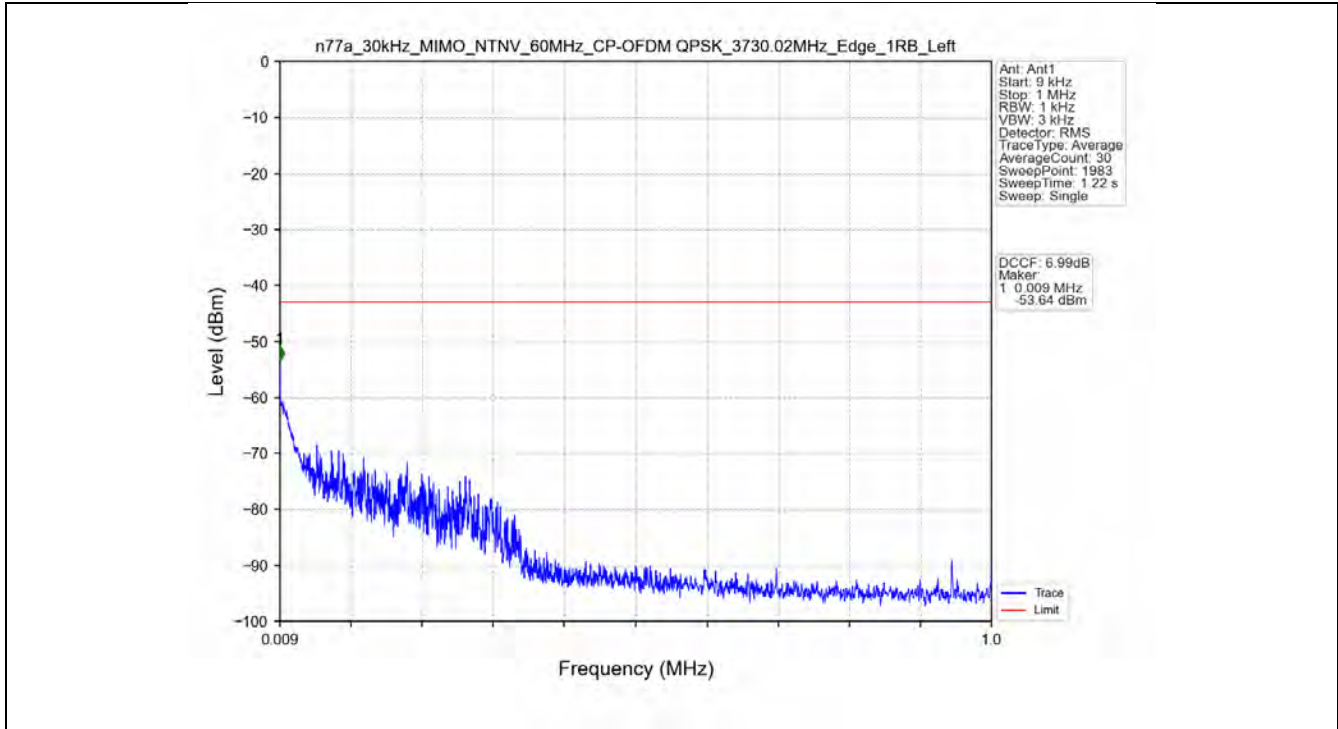


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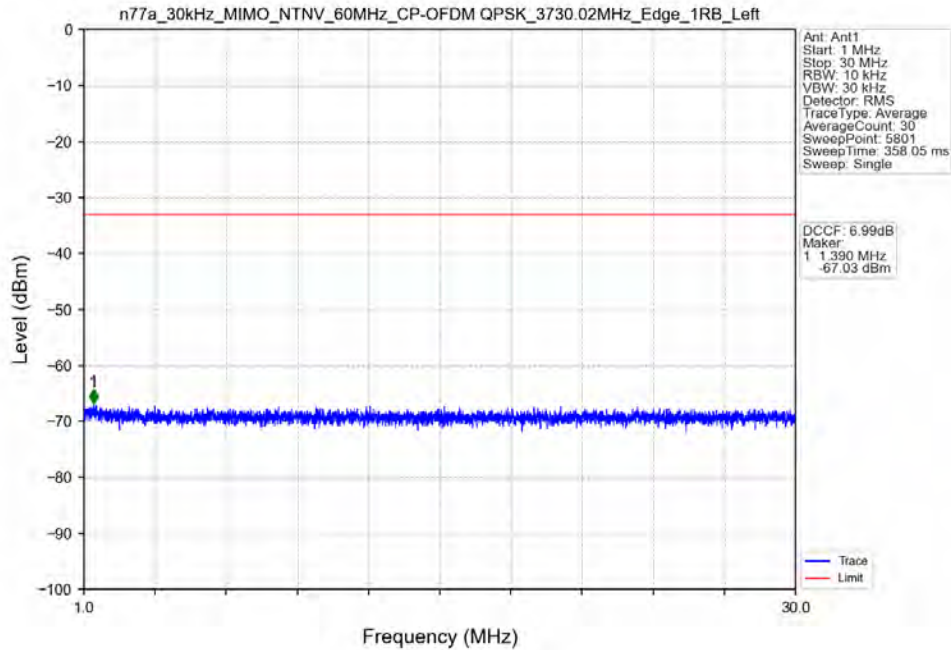
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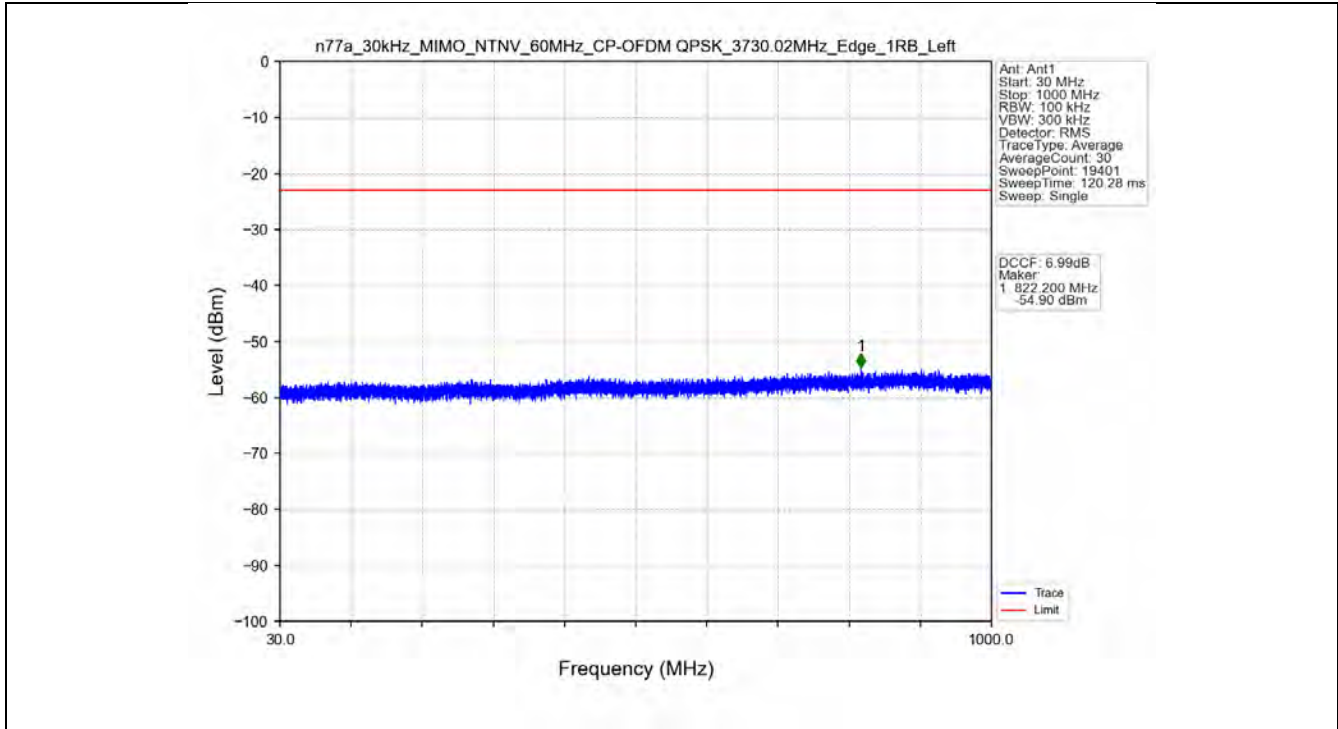


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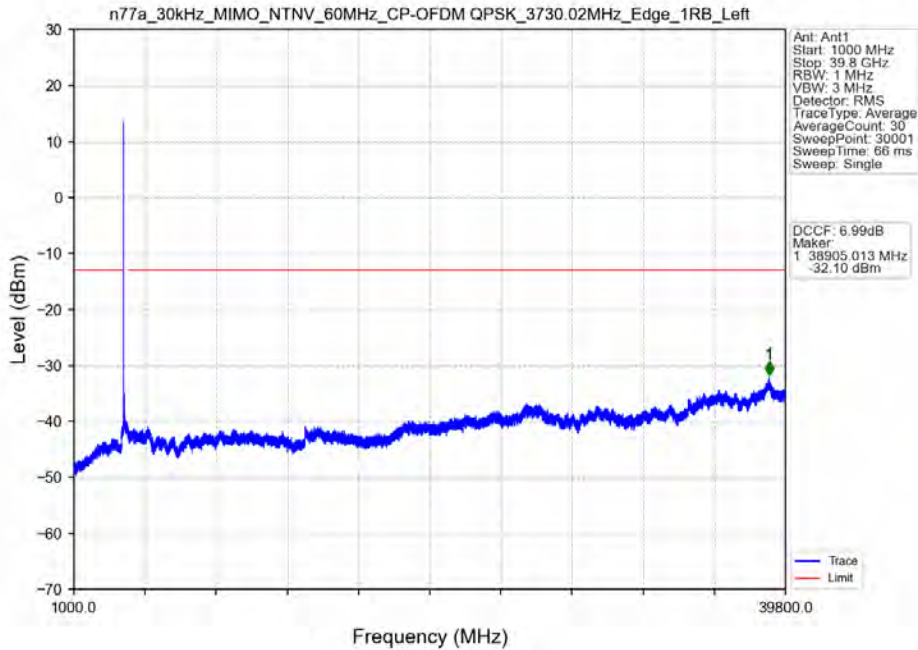
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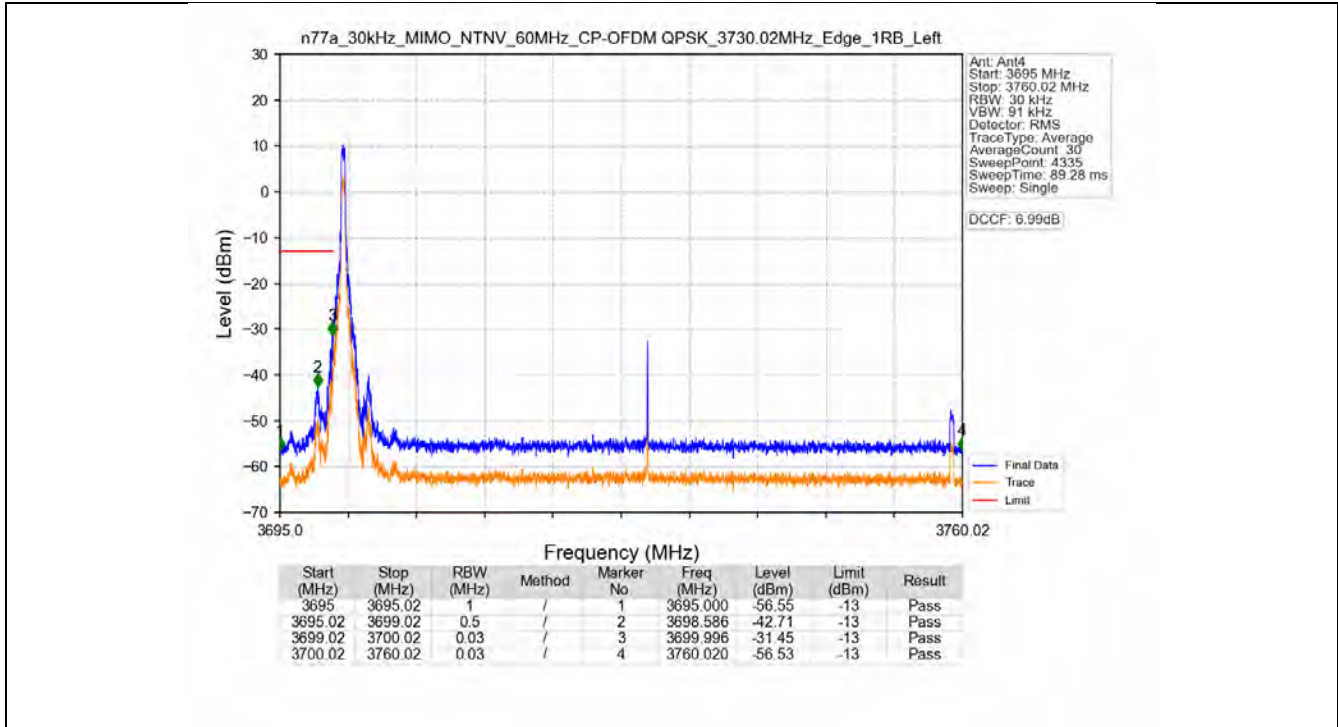


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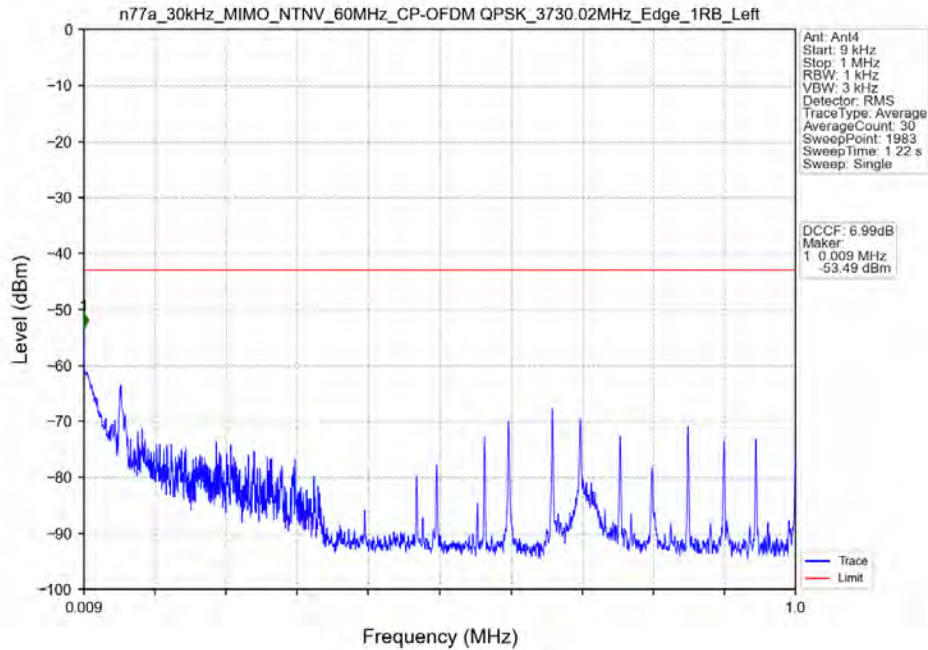
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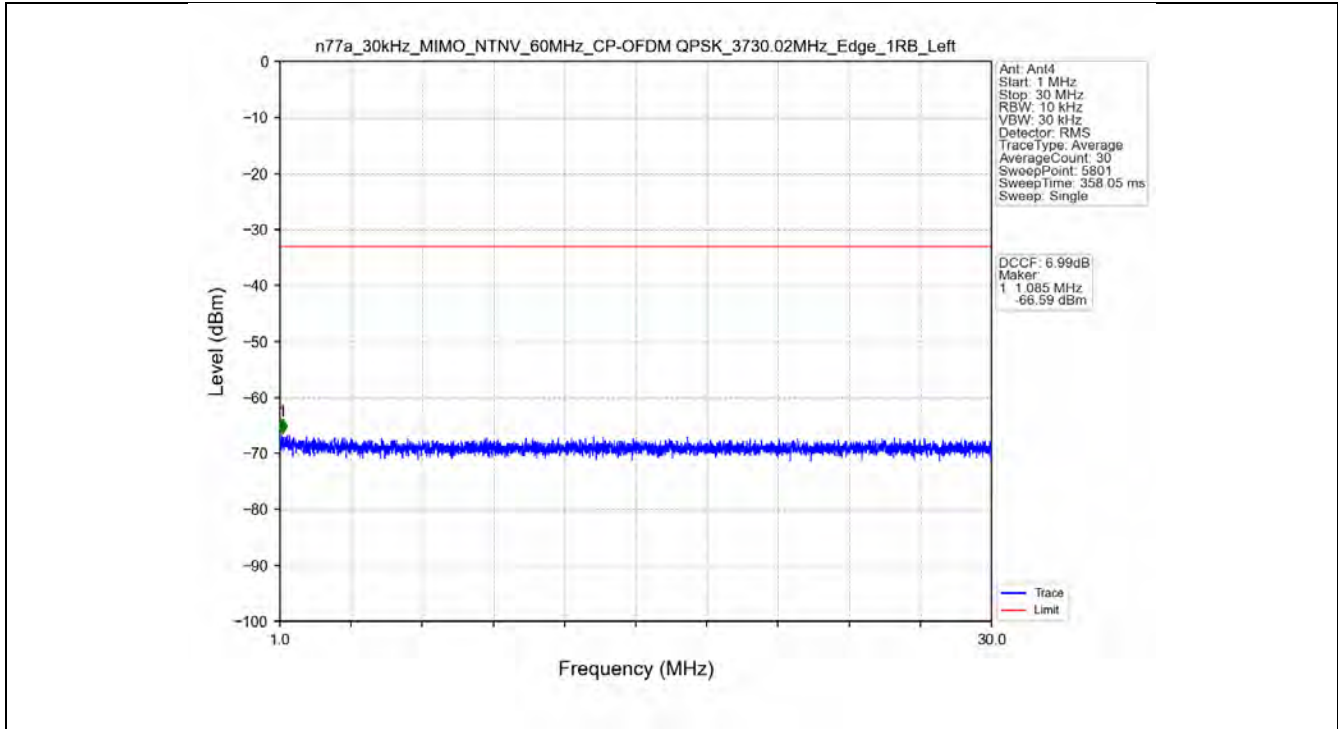


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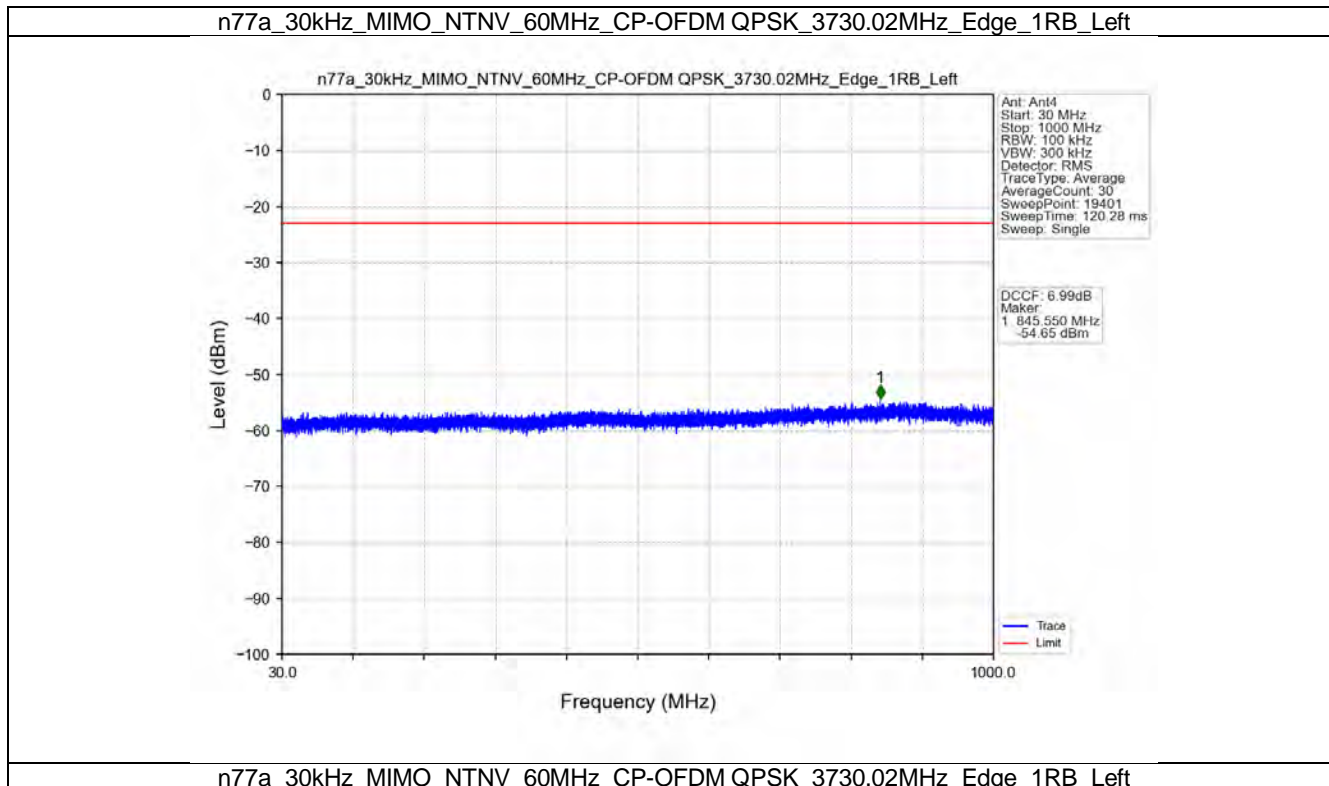
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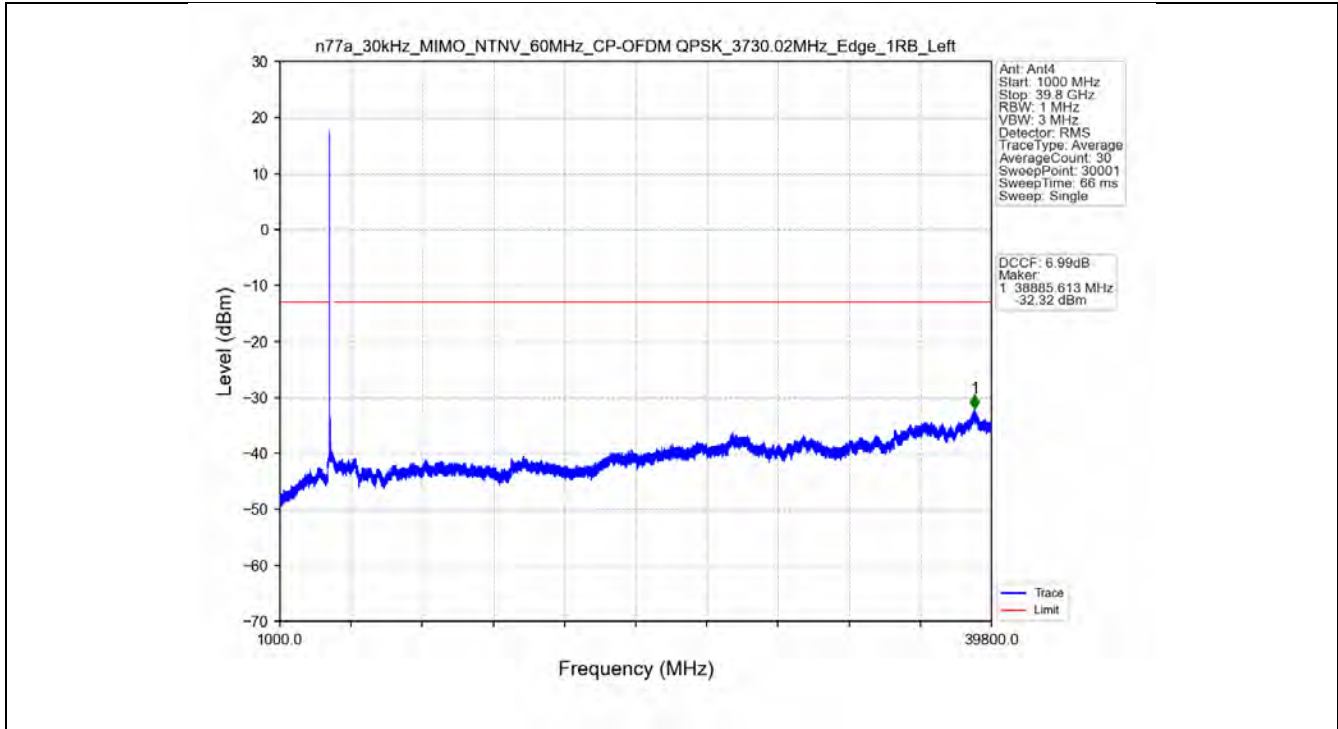


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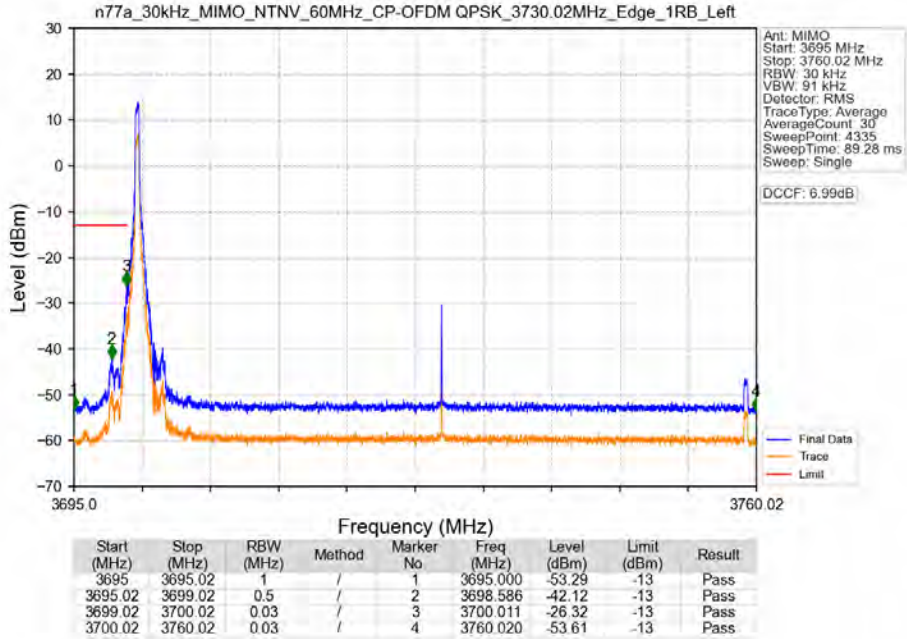
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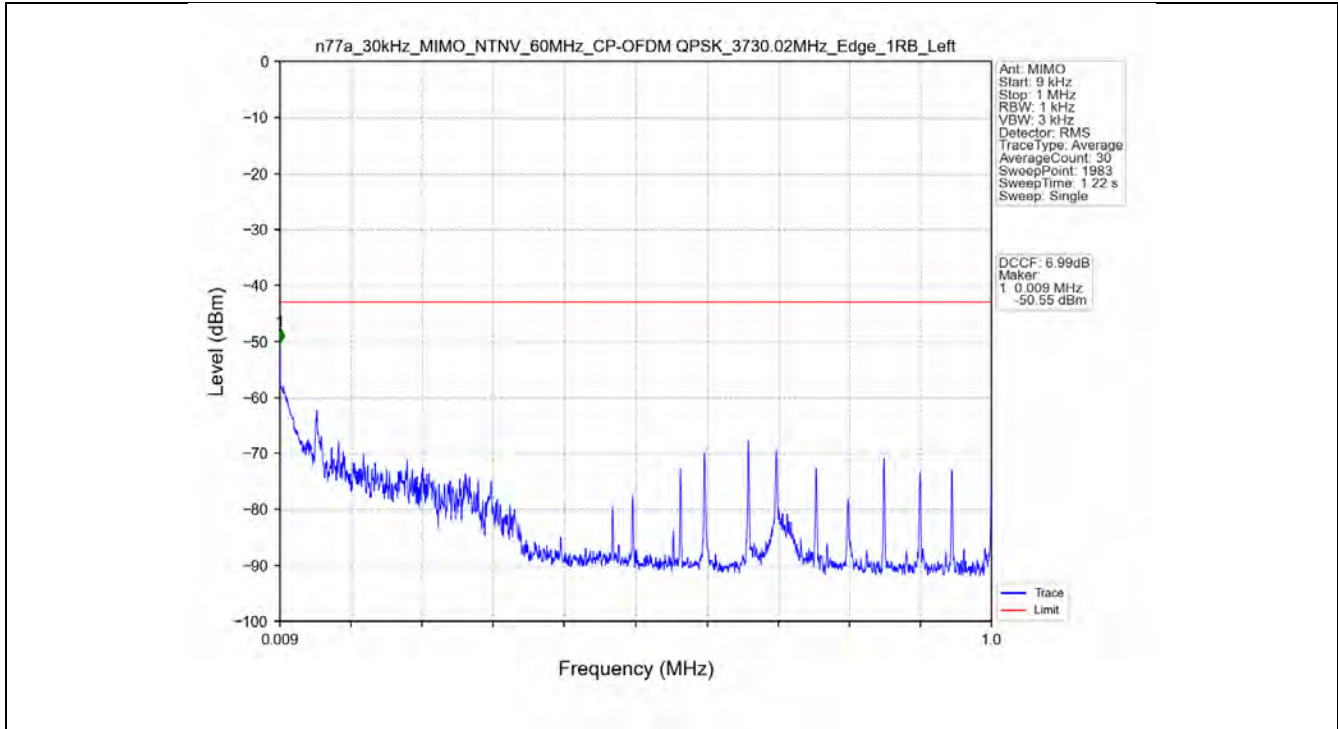


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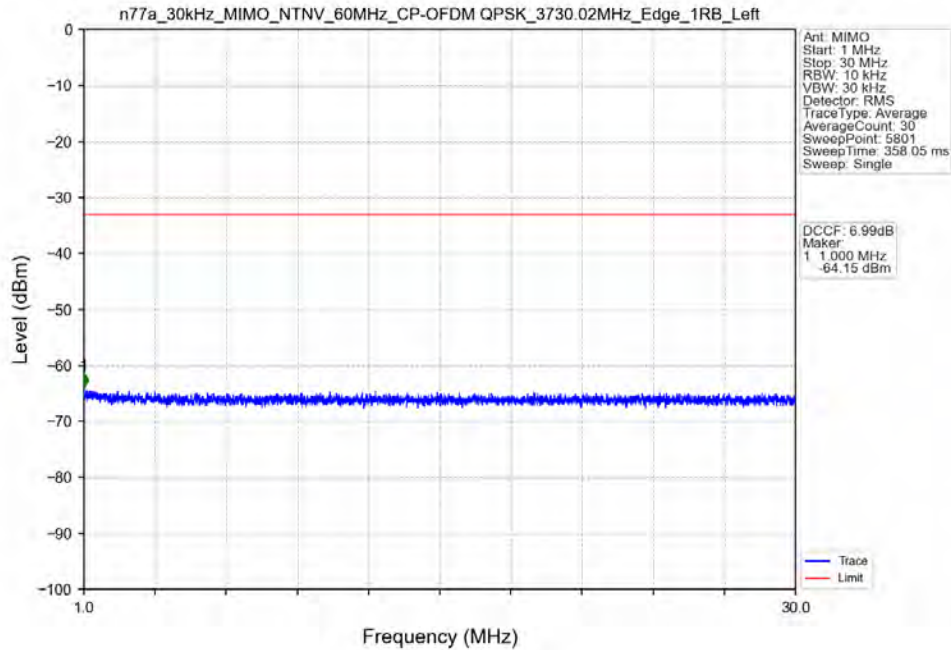
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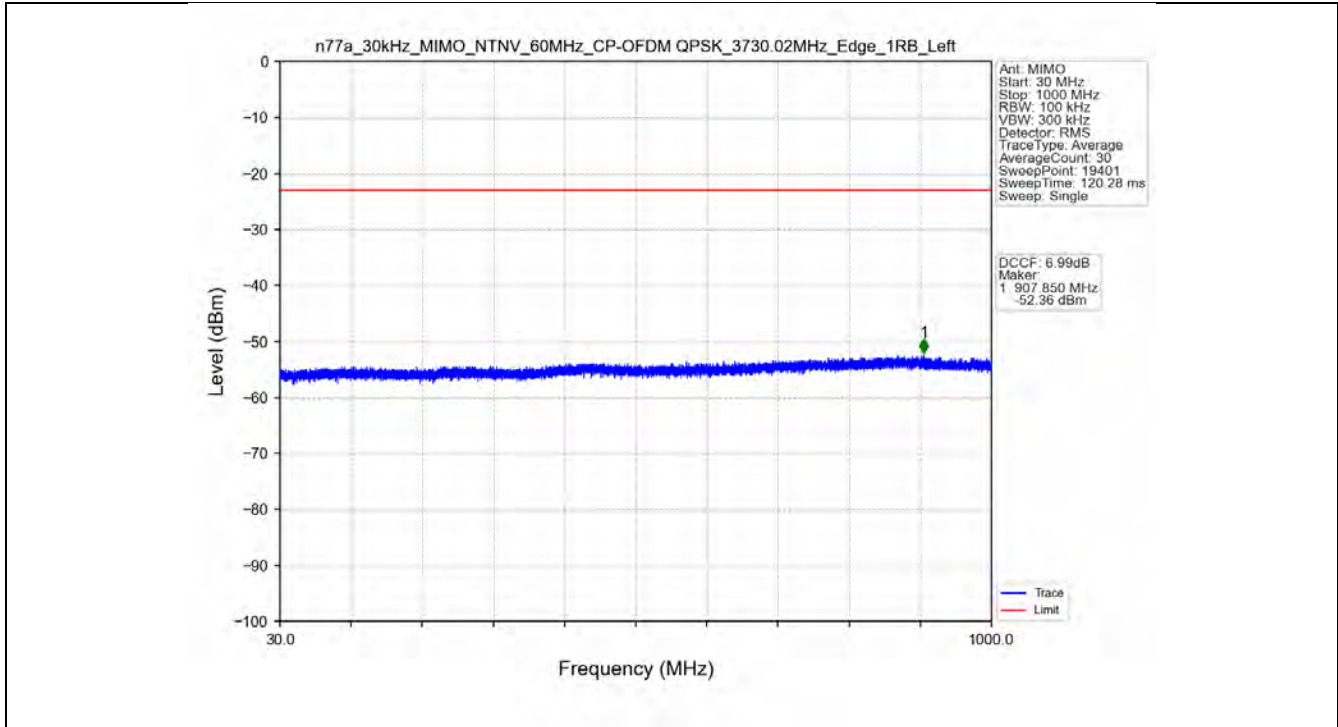


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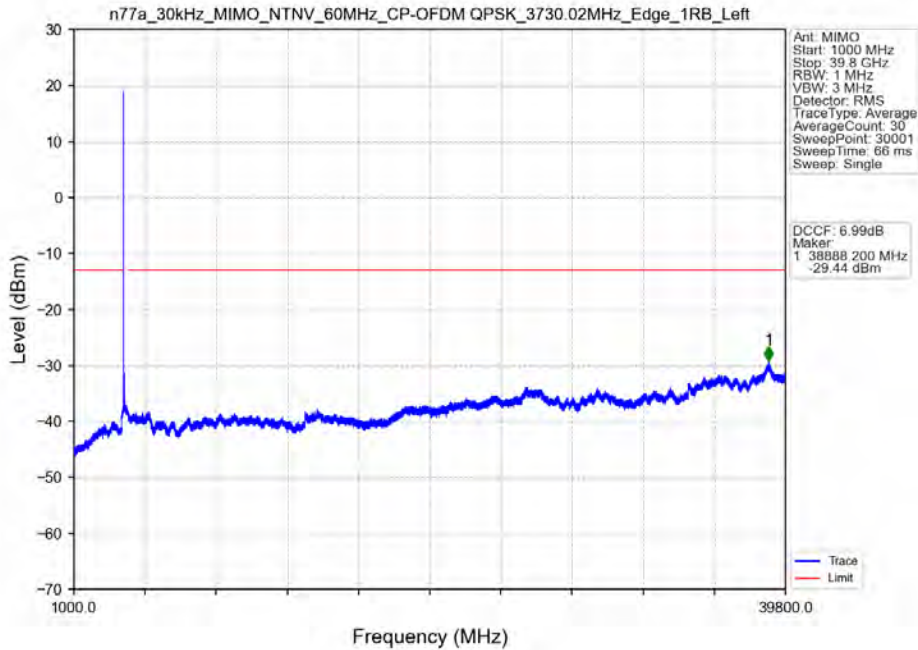
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n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM QPSK\_3730.02MHz\_Edge\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM QPSK\_3730.02MHz\_Outer\_Full



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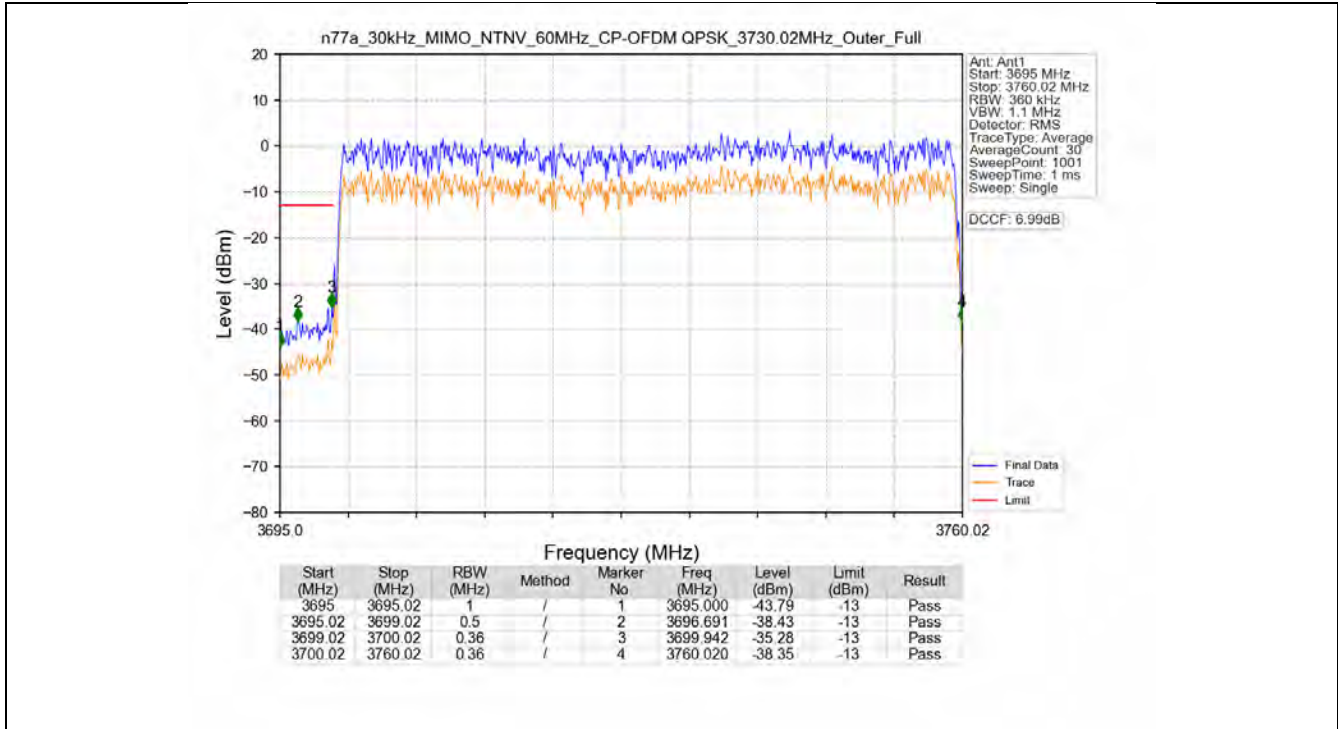


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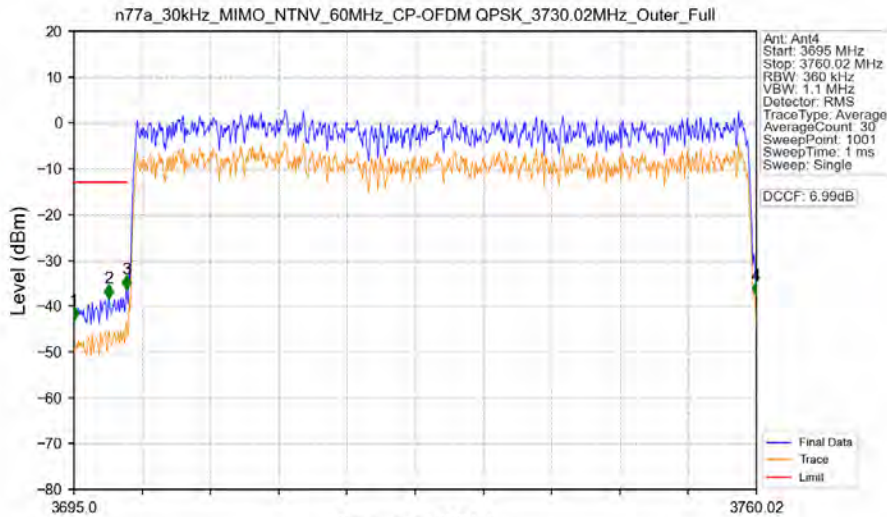
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n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	/	1	3695.000	-43.13	-13	Pass
3695.02	3699.02	0.5	/	2	3698.316	-38.30	-13	Pass
3699.02	3700.02	0.36	/	3	3700.007	-36.37	-13	Pass
3700.02	3760.02	0.36	/	4	3760.020	-37.63	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Outer\_Full



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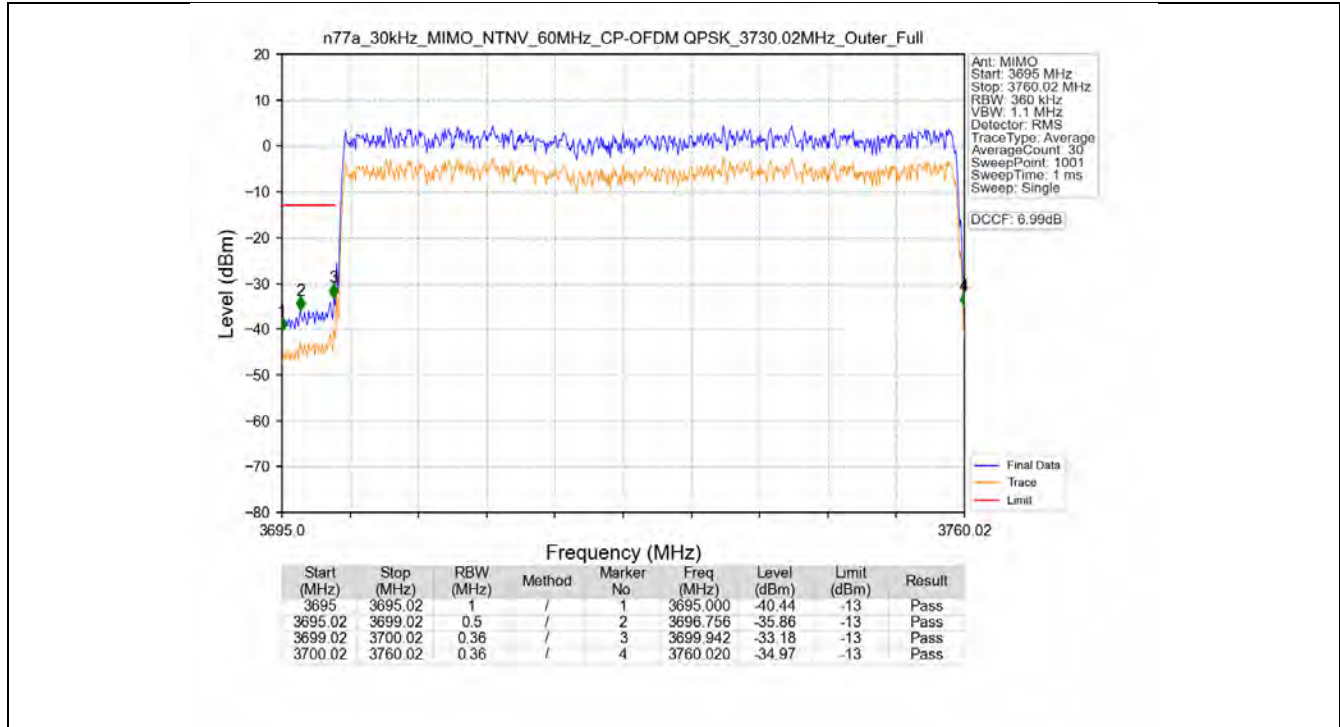


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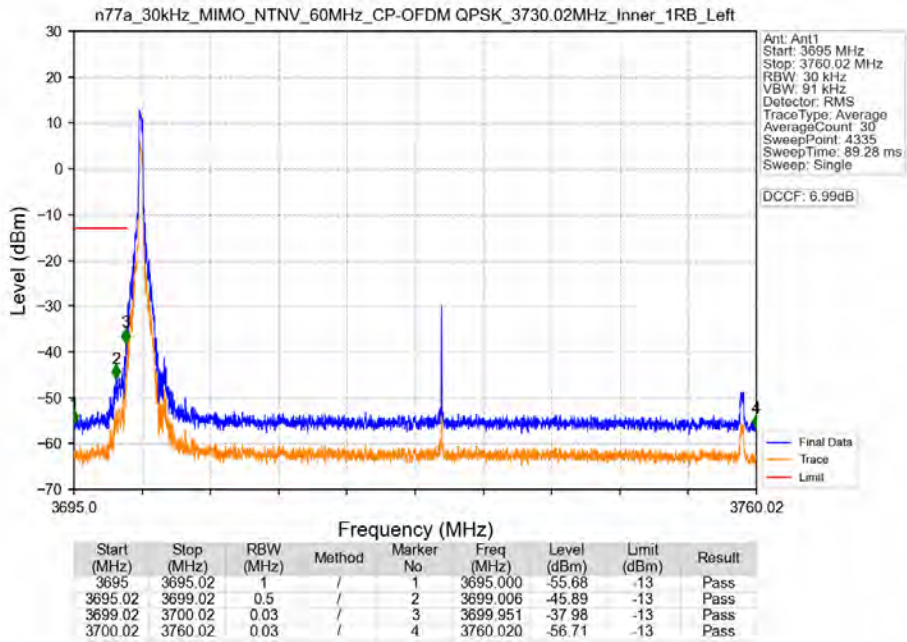
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n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM QPSK\_3730.02MHz\_Inner\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM QPSK\_3730.02MHz\_Inner\_1RB\_Left



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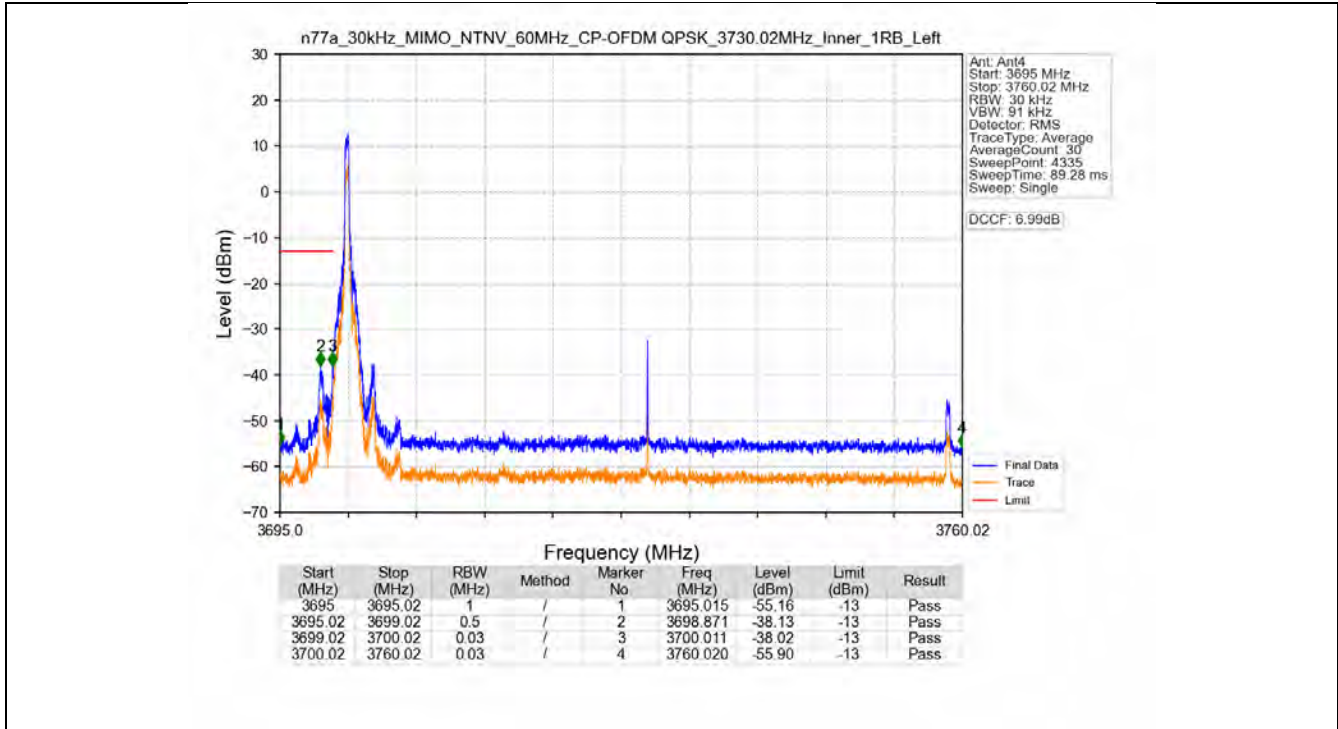


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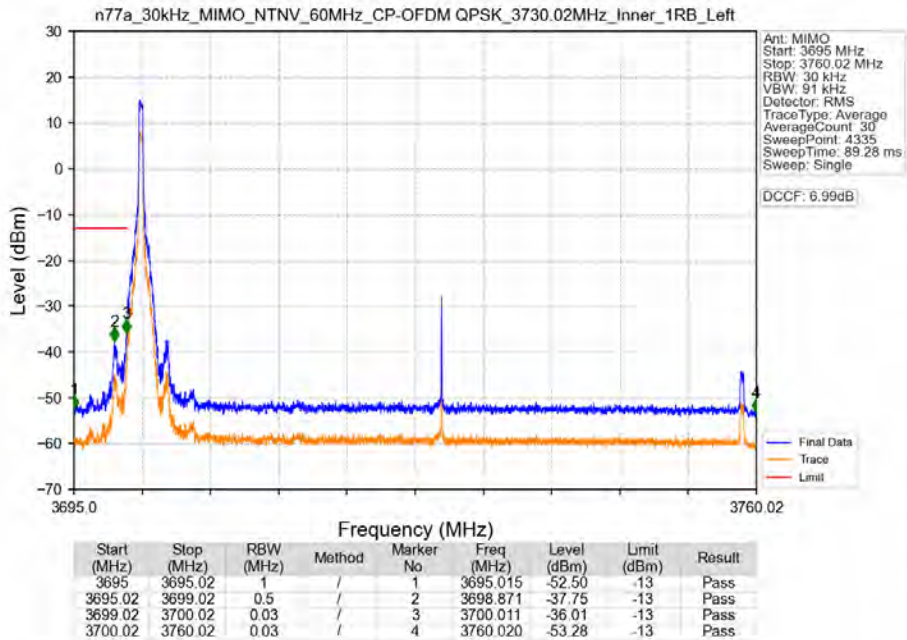
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n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM QPSK\_3730.02MHz\_Inner\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM QPSK\_3949.98MHz\_Edge\_1RB\_Right



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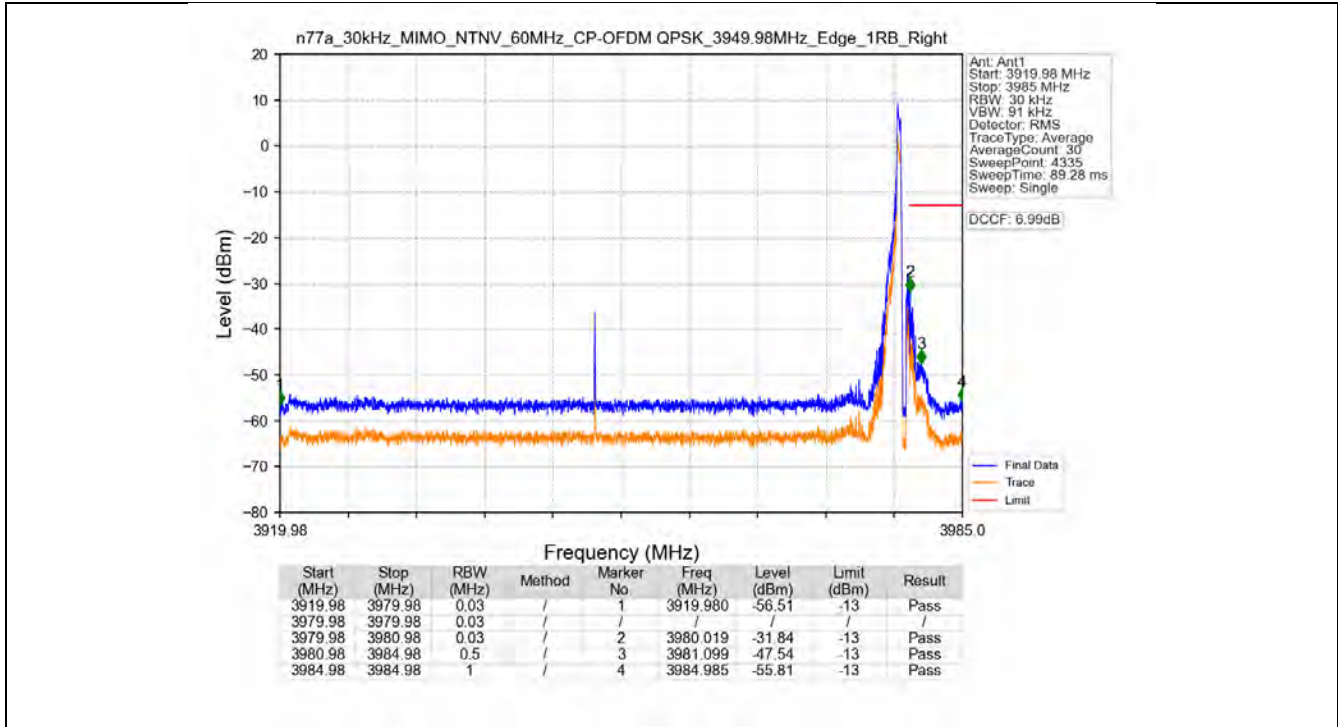


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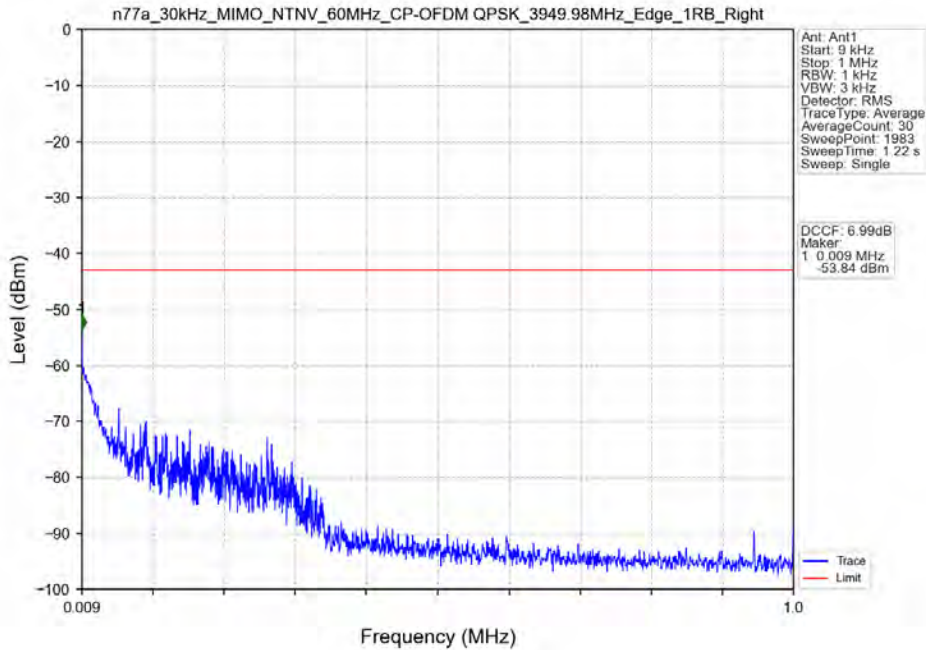
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n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



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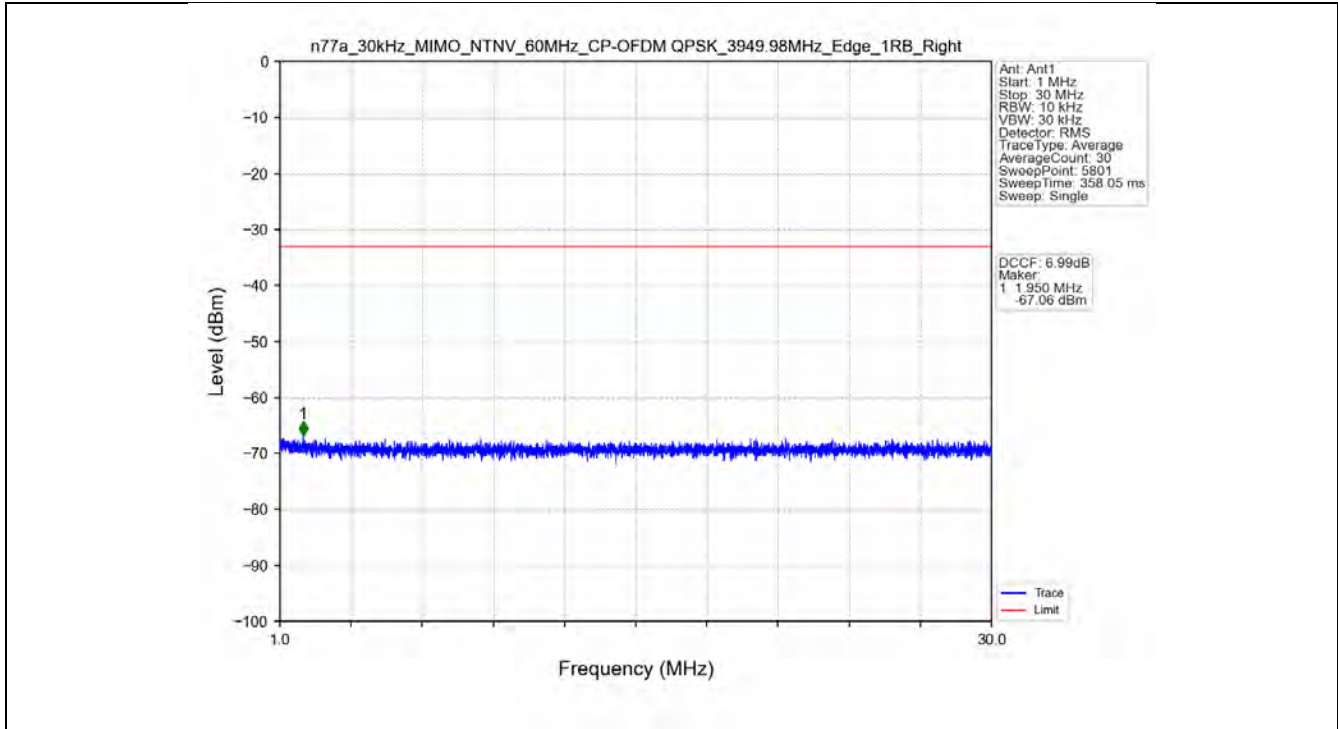


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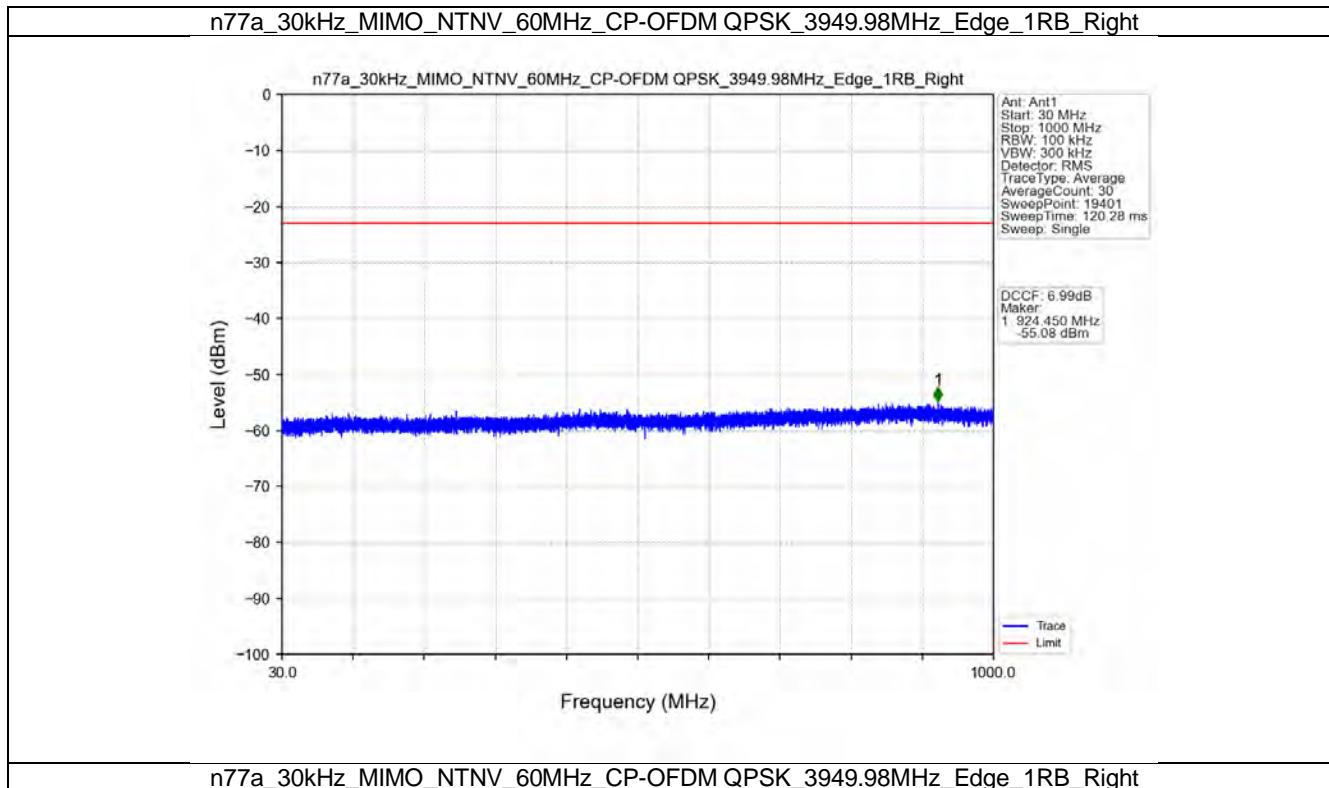
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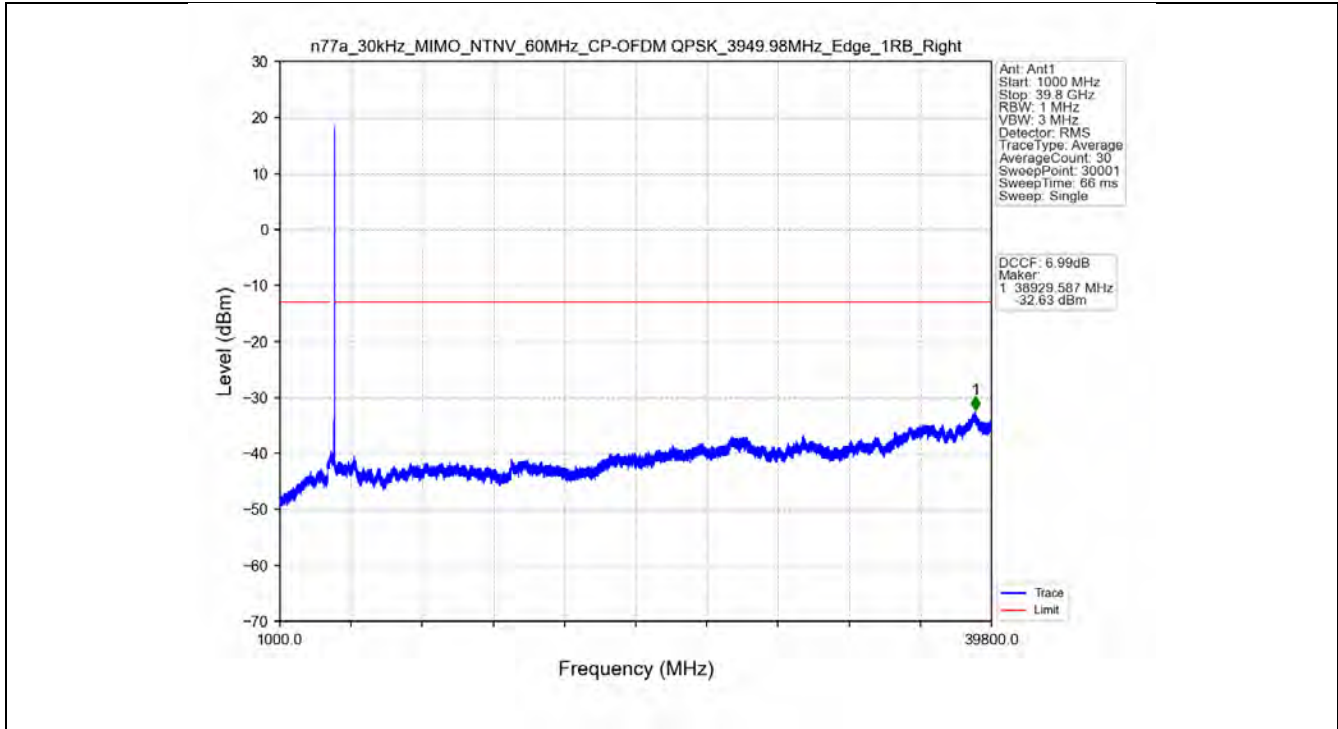


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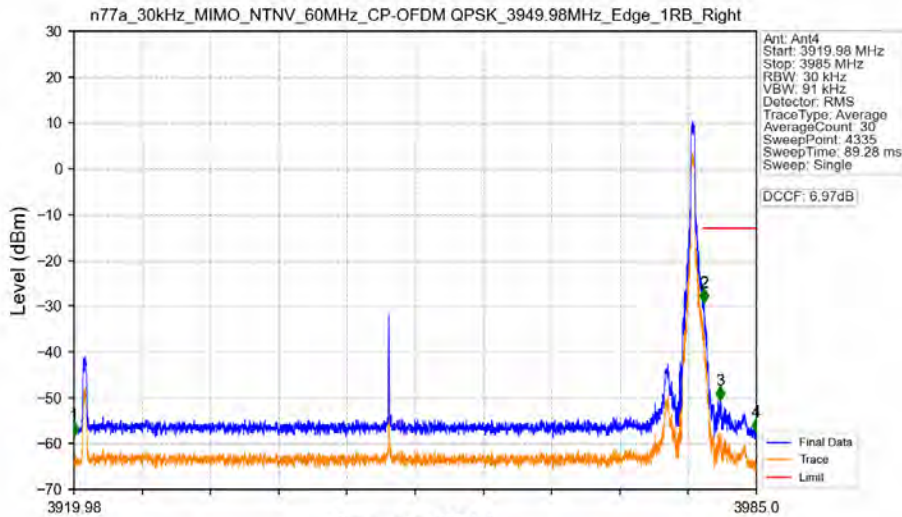
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n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.03	/	1	3919.980	-58.29	-13	Pass
3979.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	2	3980.004	-29.22	-13	Pass
3980.98	3984.98	0.5	/	3	3981.519	-50.61	-13	Pass
3984.98	3984.98	1	/	4	3985.000	-57.47	-13	Pass

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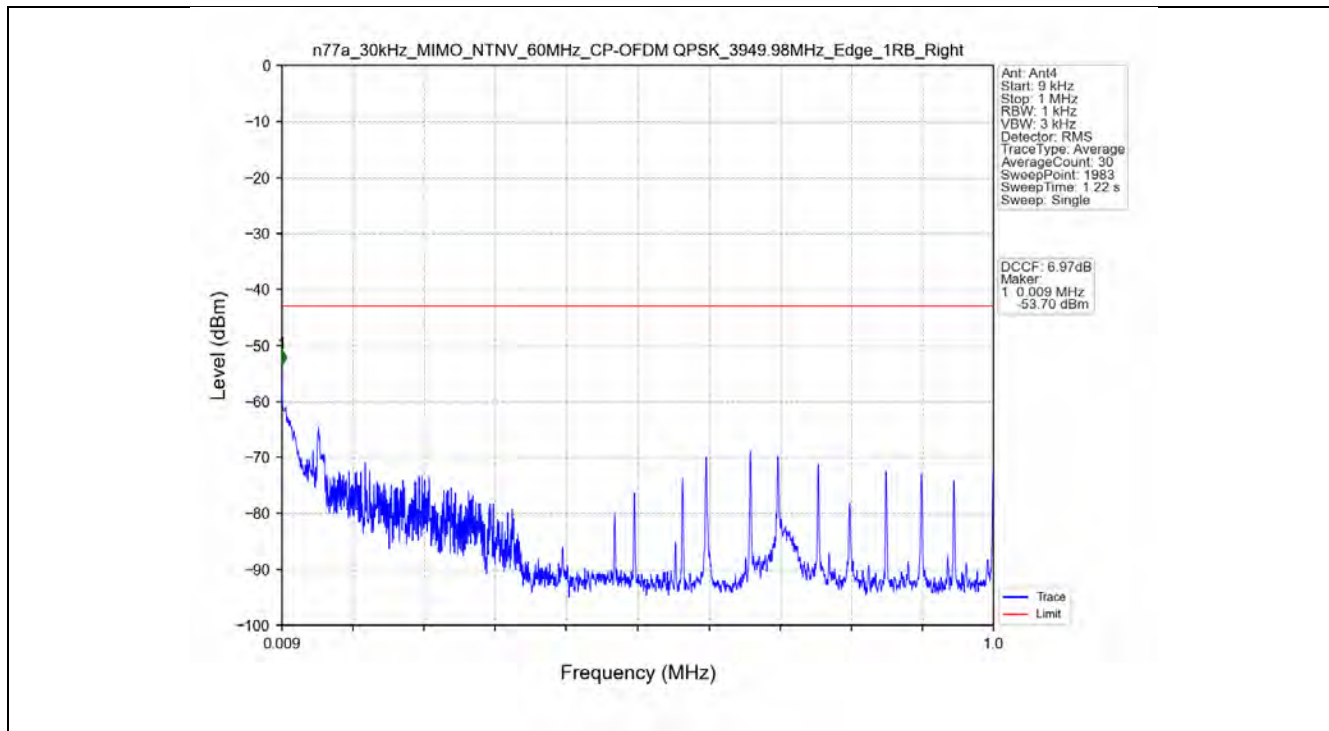
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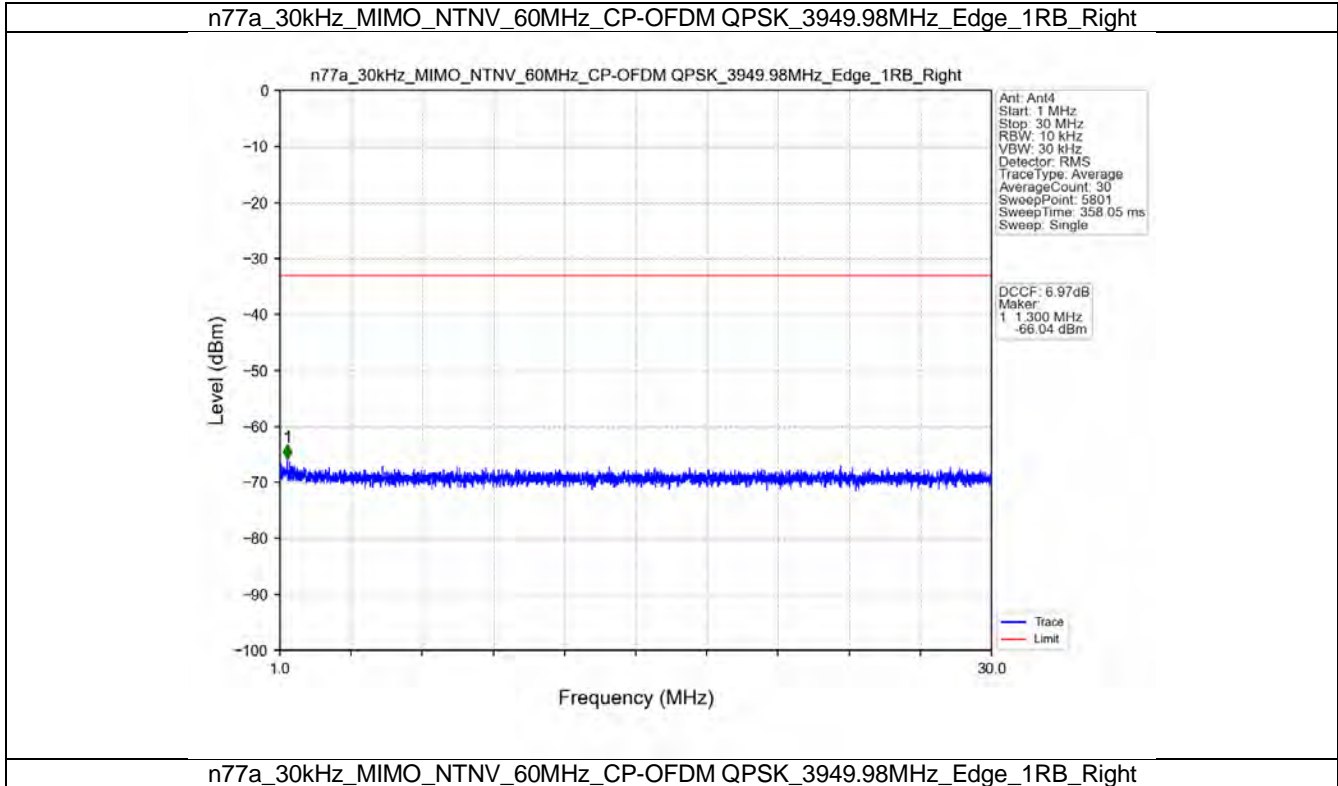


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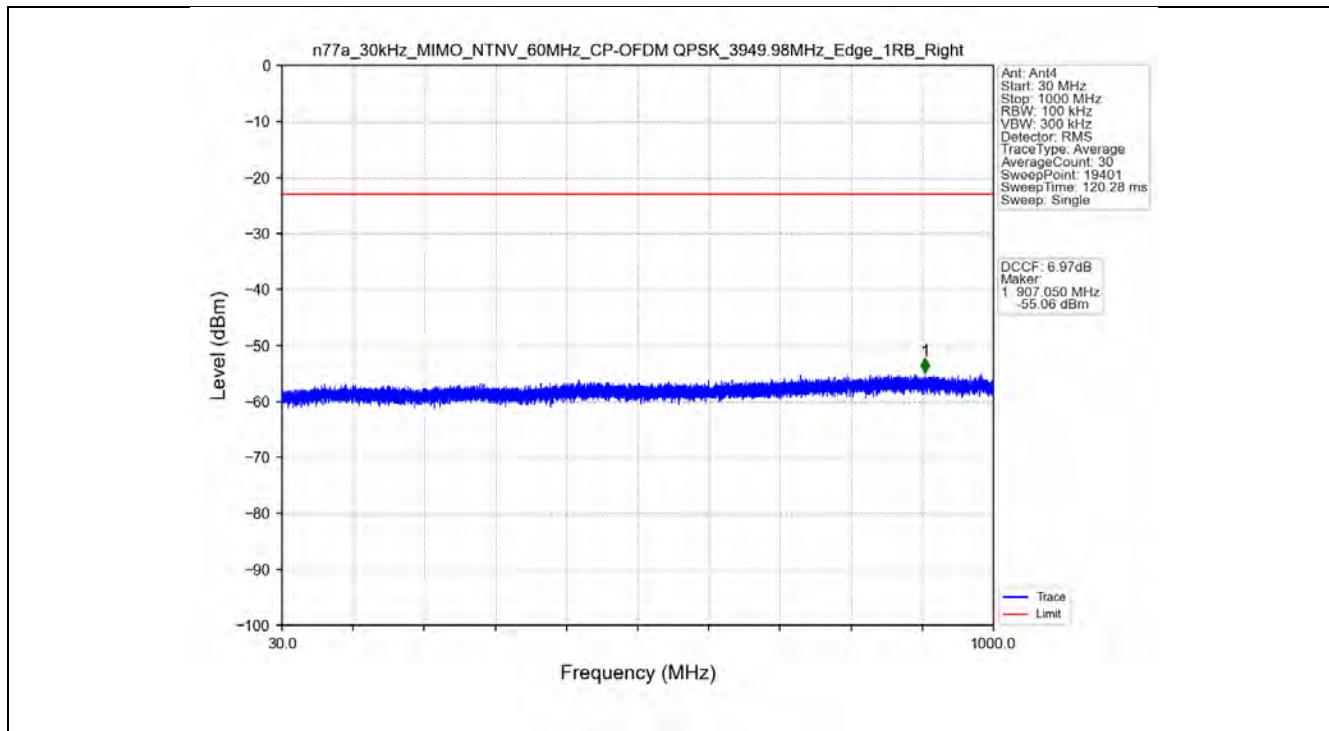
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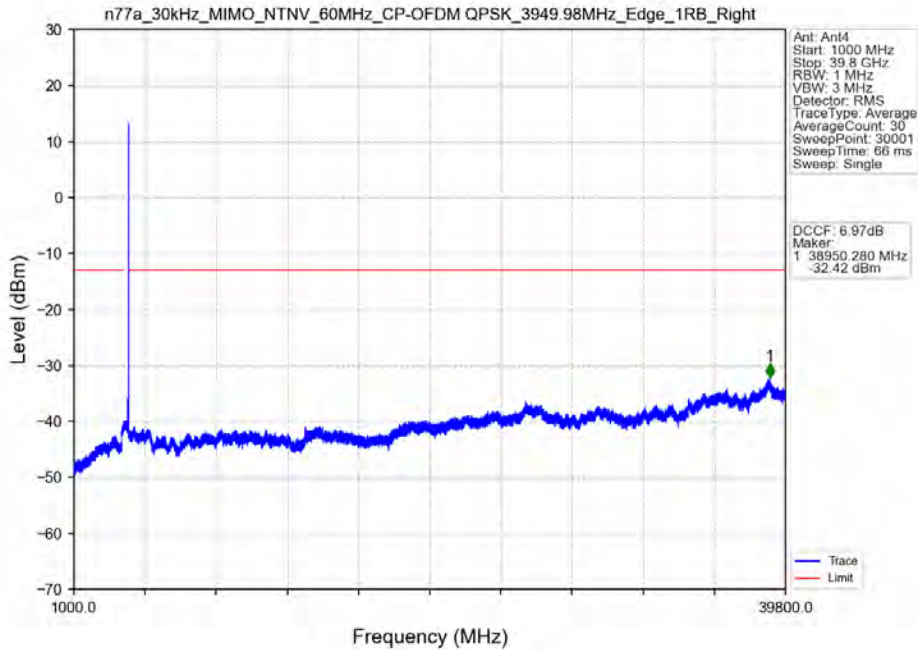
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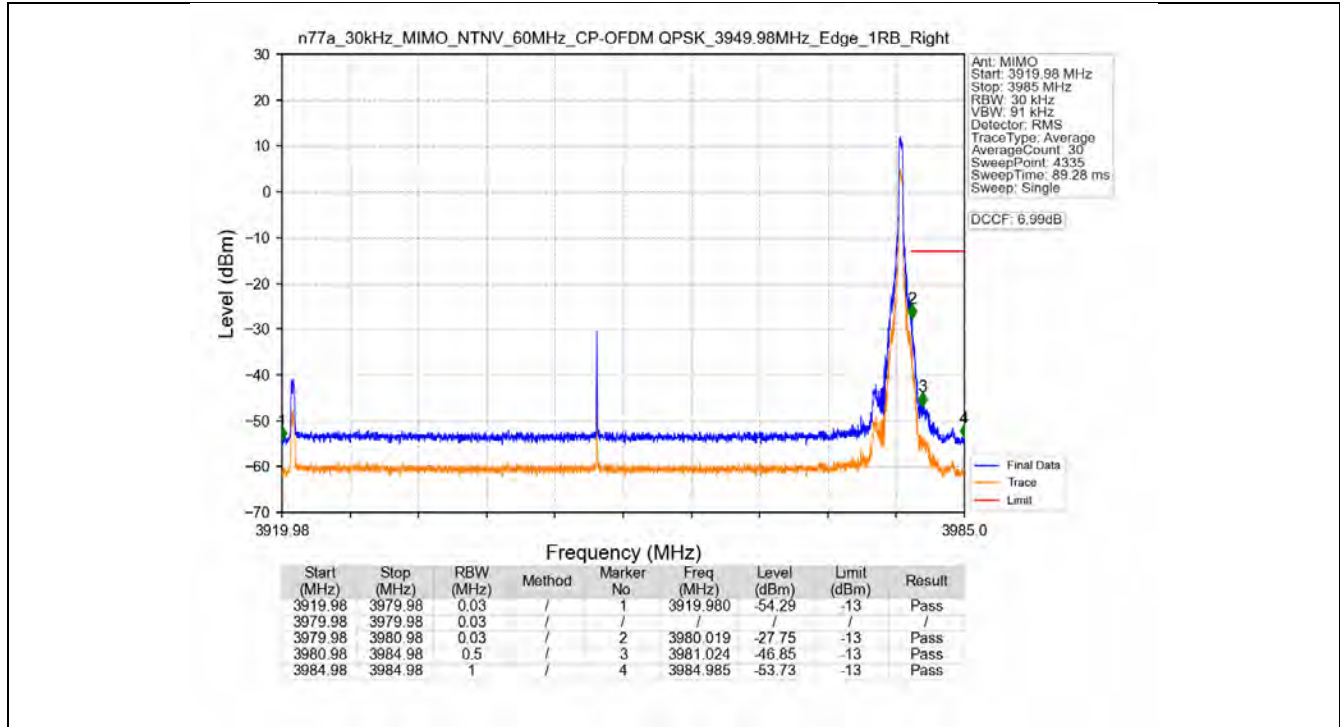


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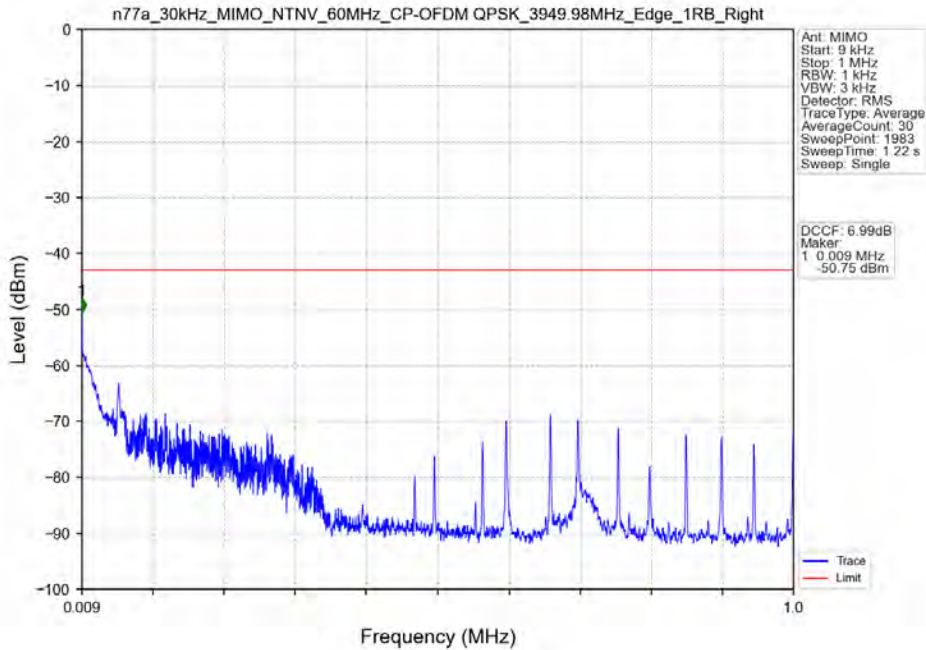
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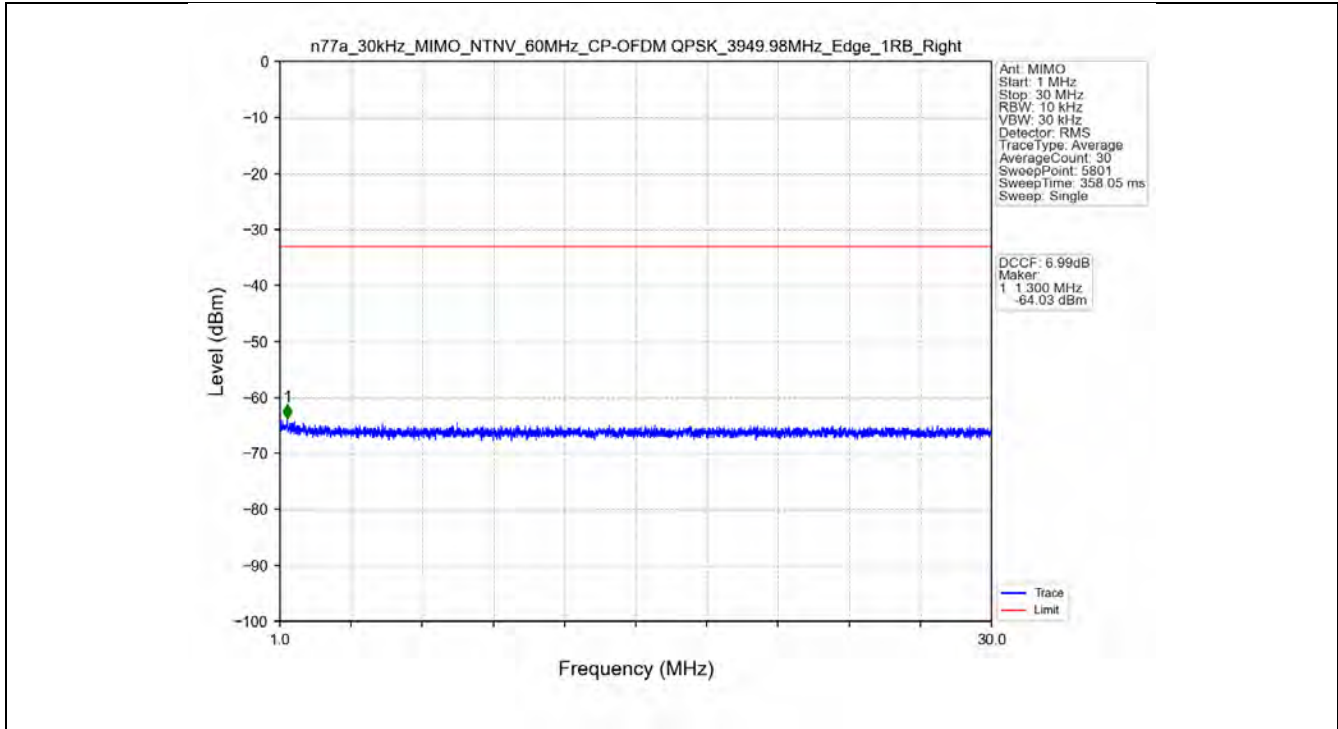


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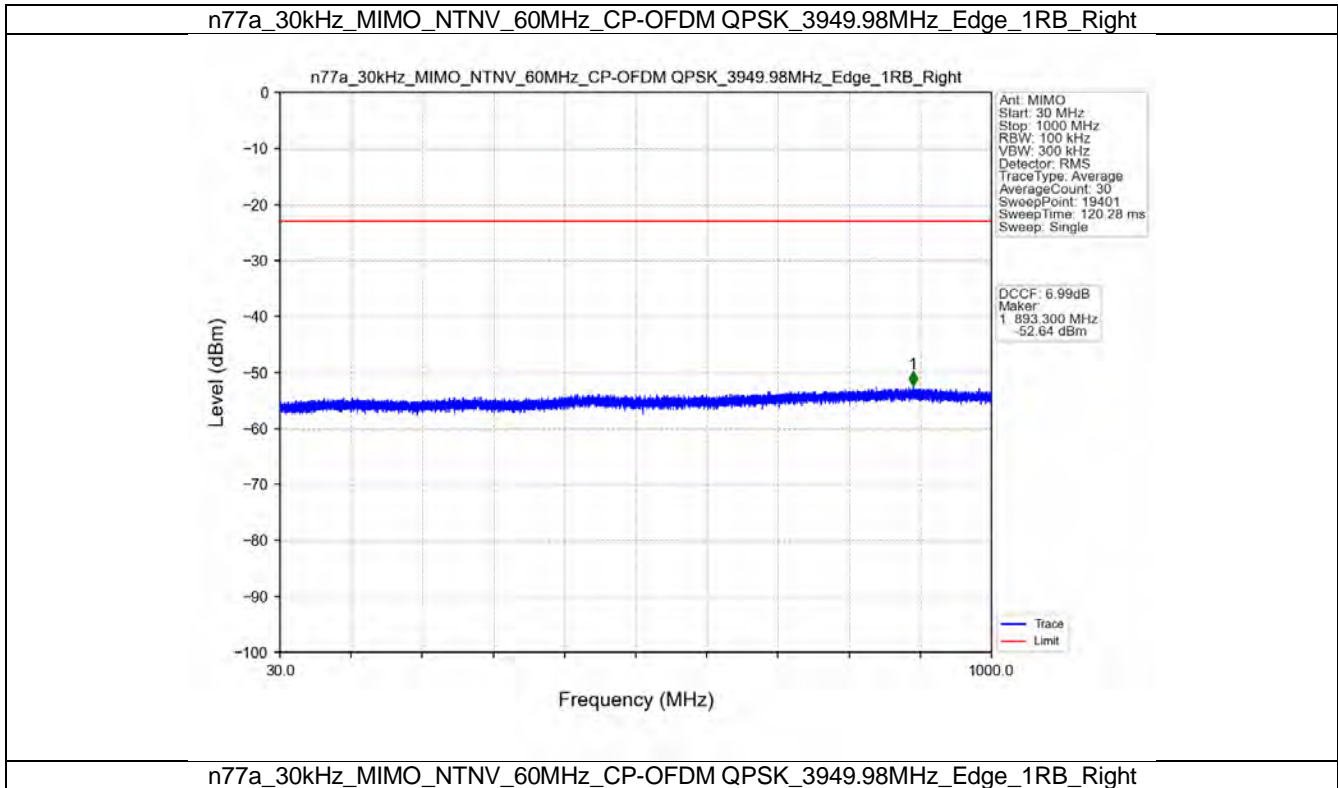


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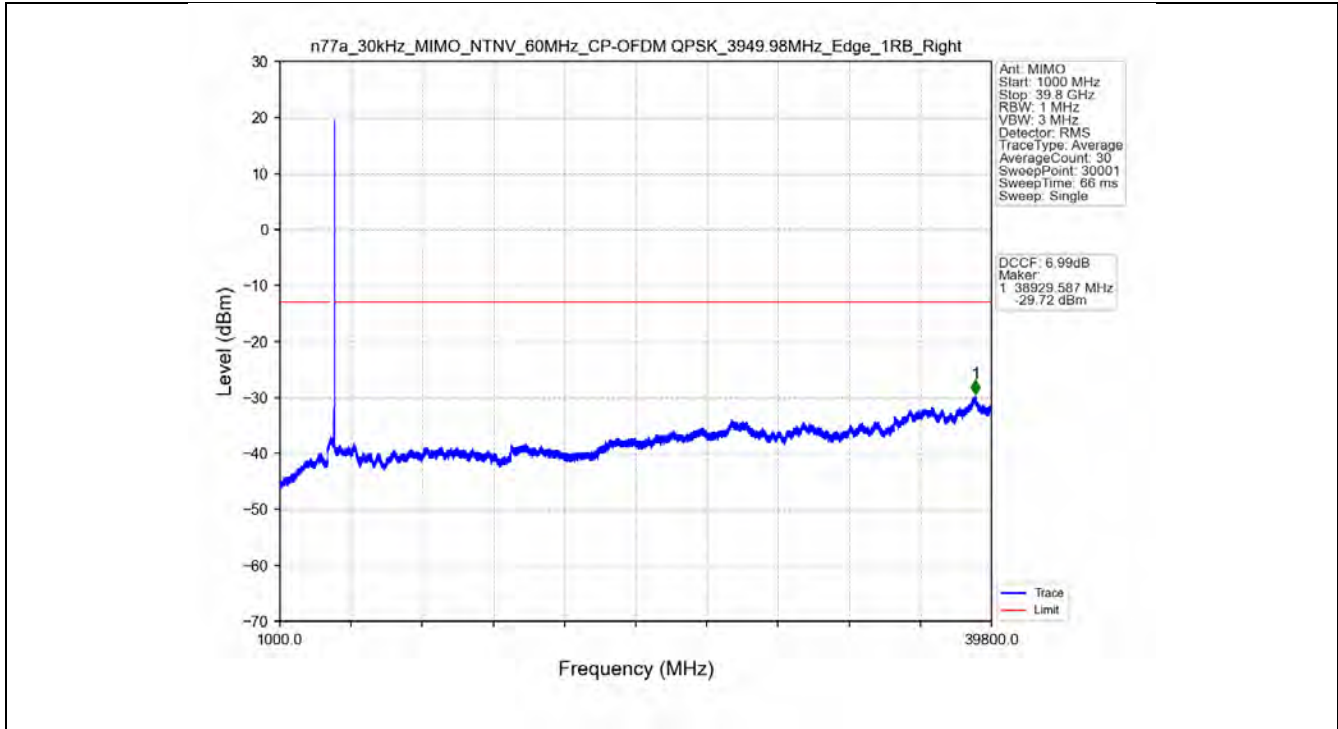


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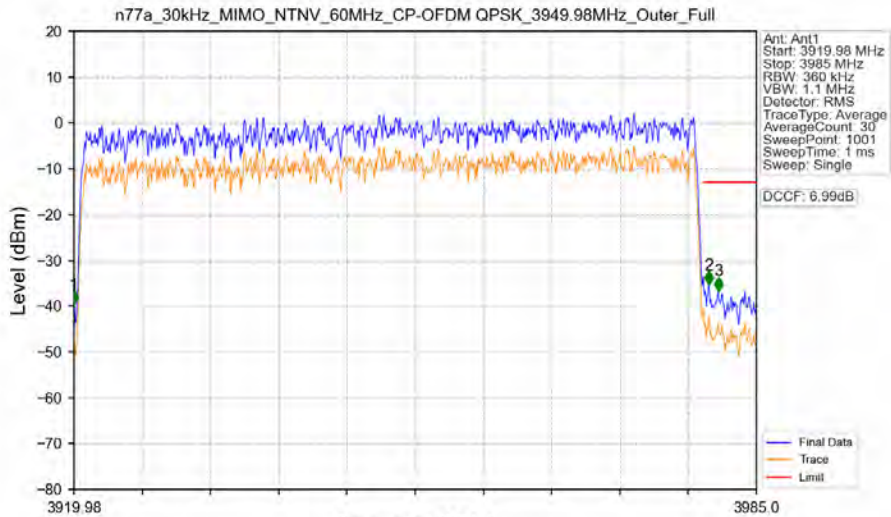
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.36	/	1	3919.980	-39.59	-13	Pass
3979.98	3979.98	0.36	/	/	/	/	/	/
3979.98	3980.98	0.36	/	2	3980.449	-35.34	-13	Pass
3980.98	3984.98	0.5	/	3	3981.359	-36.72	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Outer\_Full



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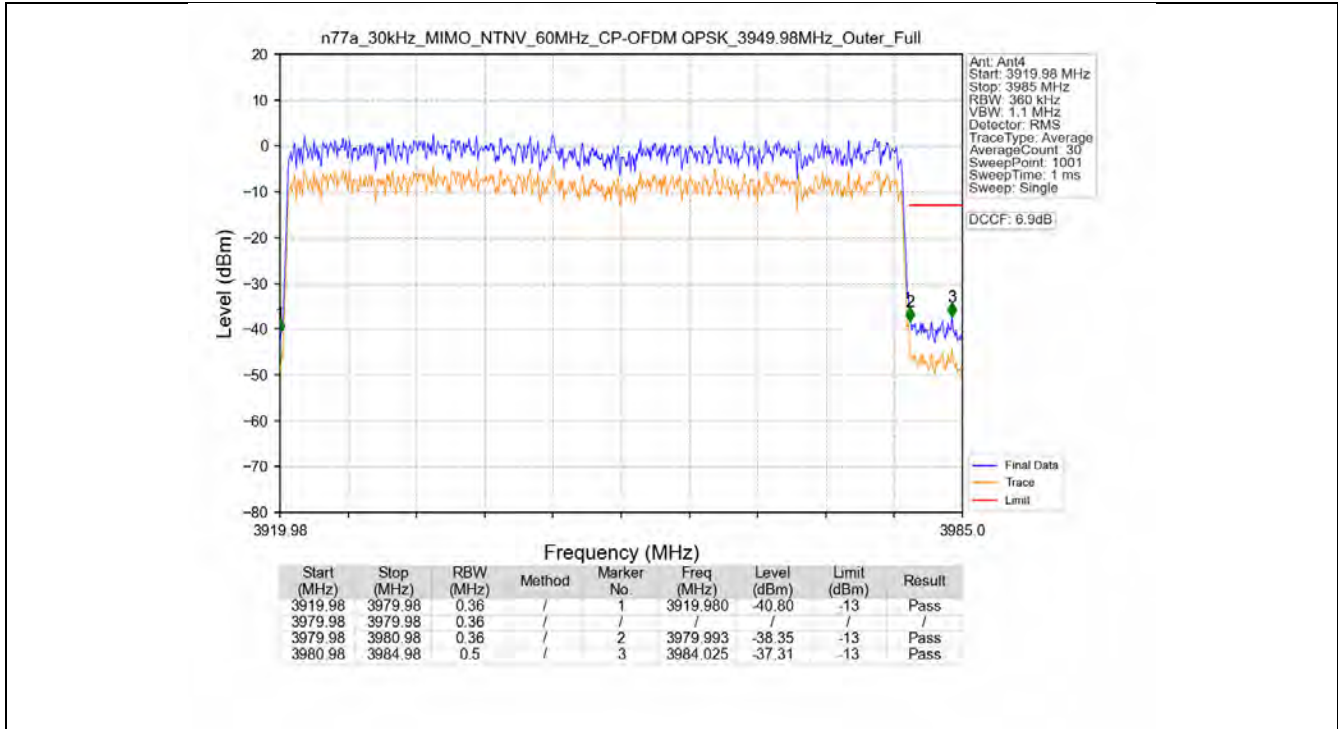


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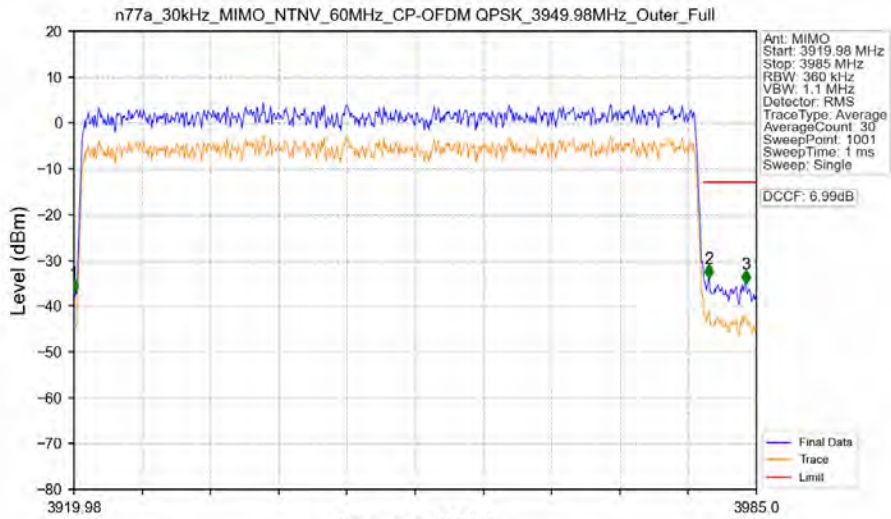
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.36	/	1	3919.980	-37.10	-13	Pass
3979.98	3979.98	0.36	/	/	/	/	/	/
3979.98	3980.98	0.36	/	2	3980.449	-33.95	-13	Pass
3980.98	3984.98	0.5	/	3	3984.025	-35.15	-13	Pass

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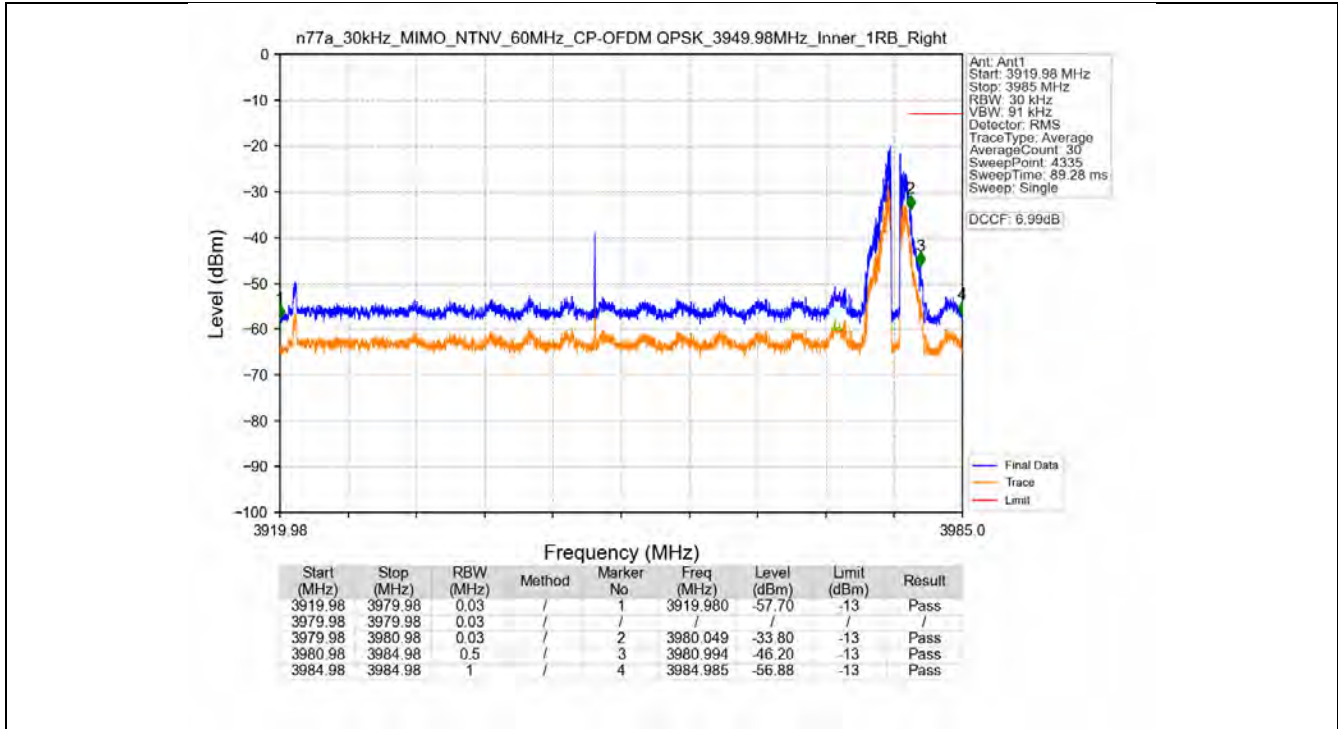


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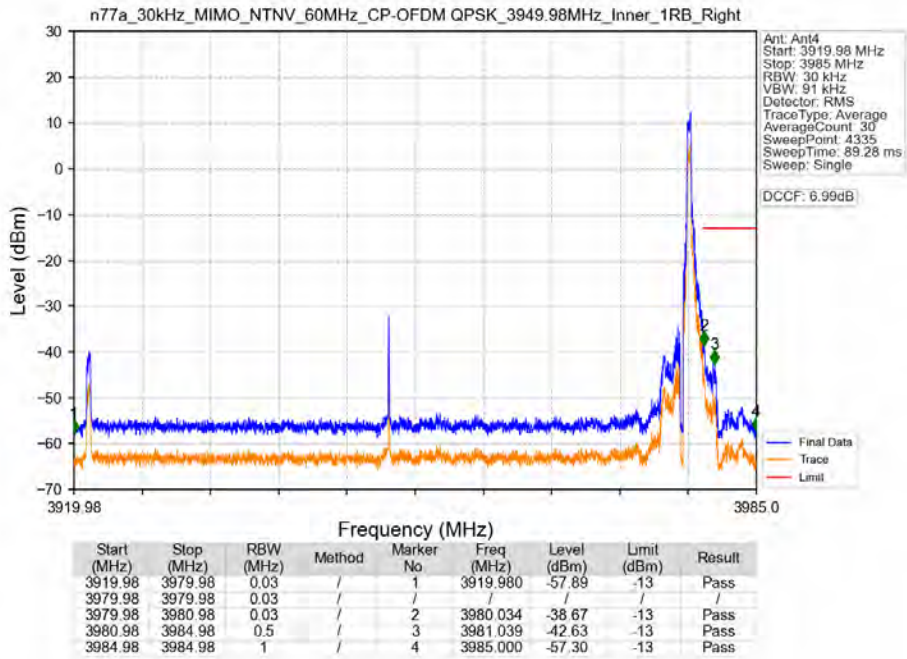
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n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Inner\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Inner\_1RB\_Right



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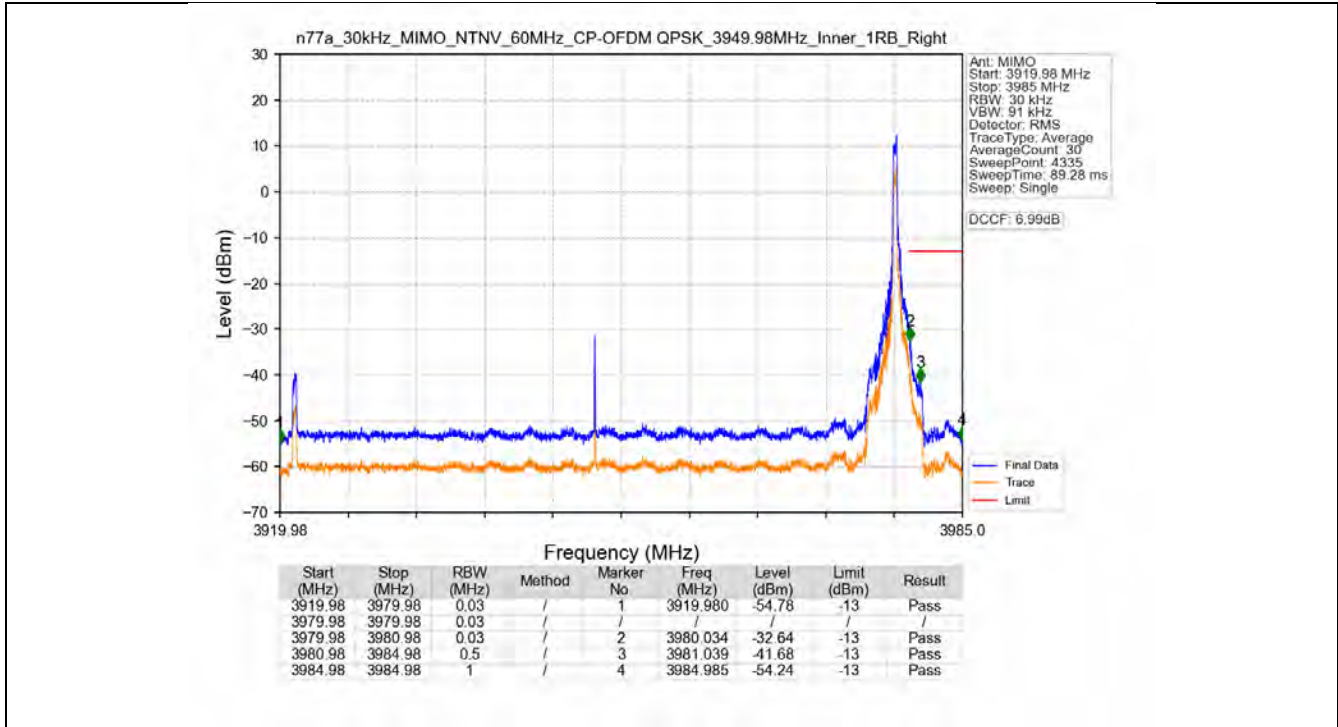


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## 5.11 30k\_MIMO\_80MHz\_NTNV

### 5.11.1 Test Result

5G NR n77a SCS=30kHz MIMO 80MHz NNTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3740.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3939.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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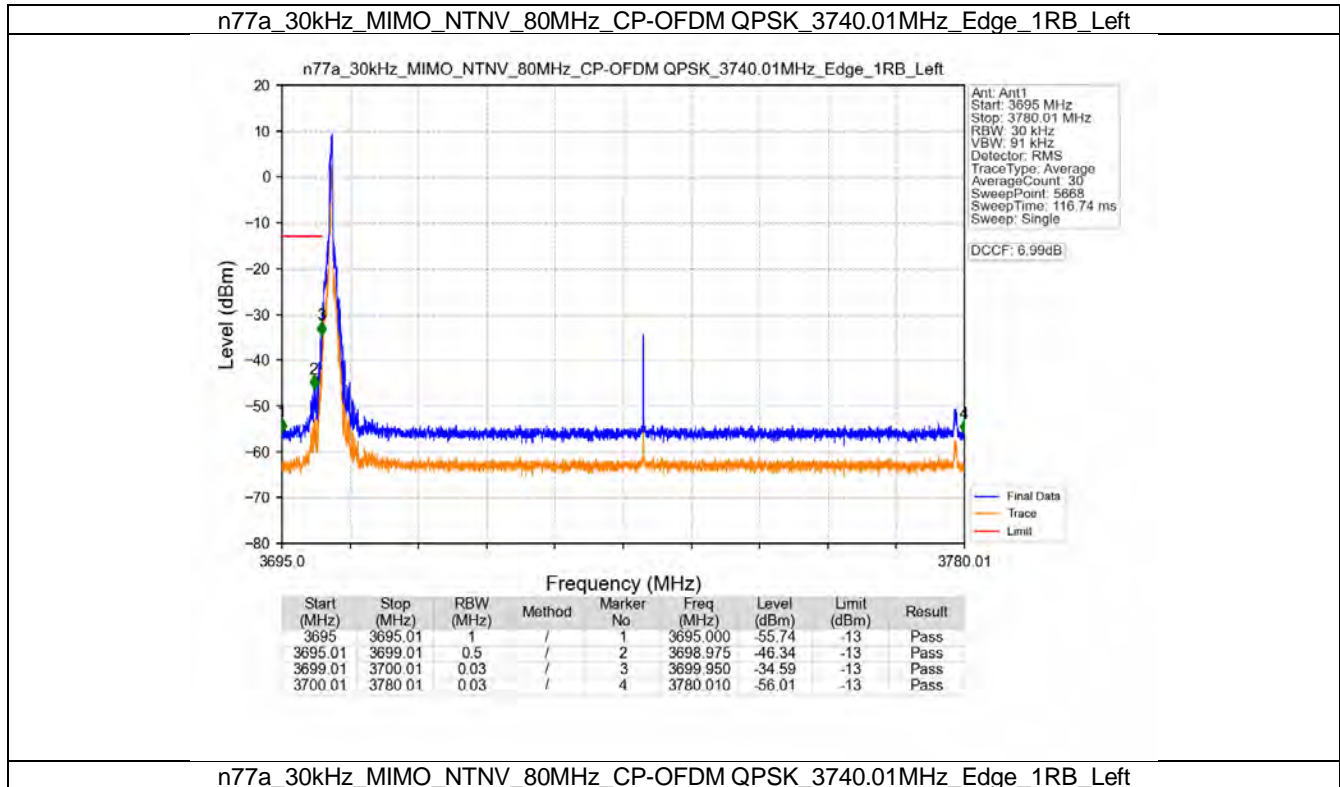
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5.11.2 Test Graph



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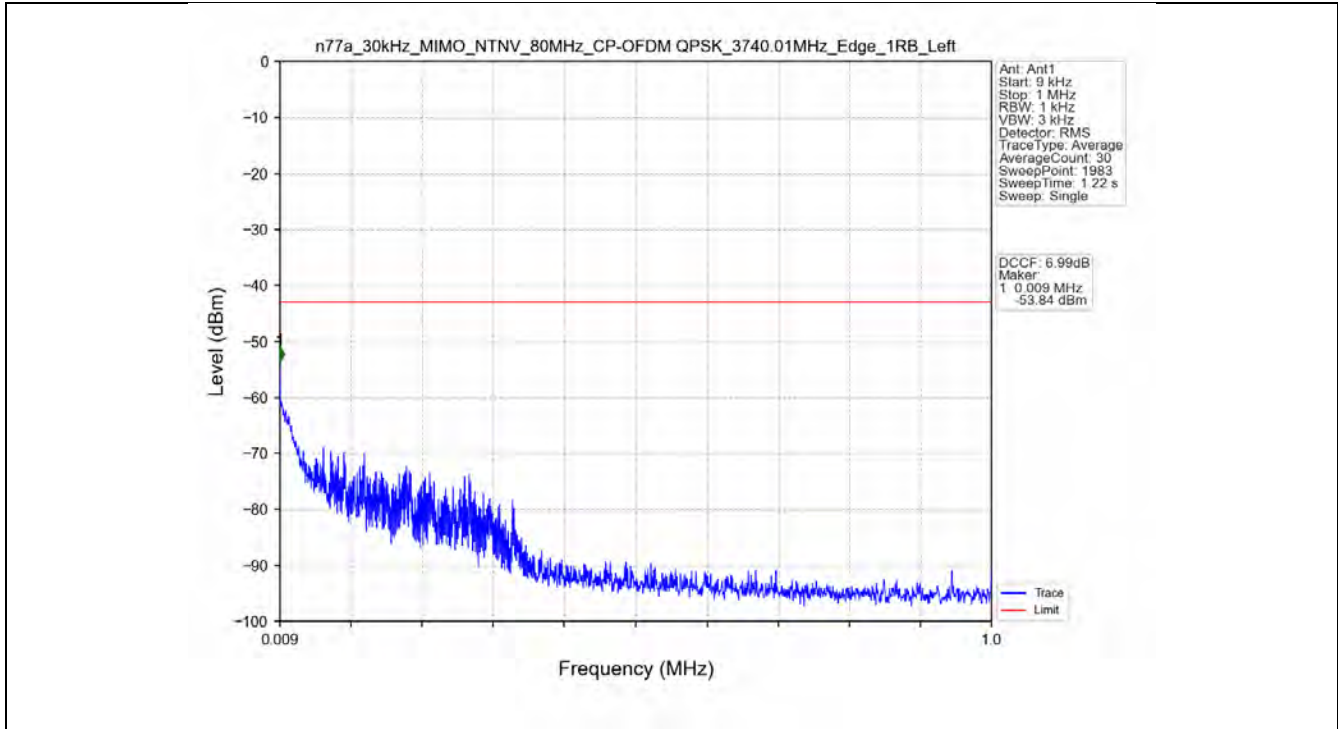


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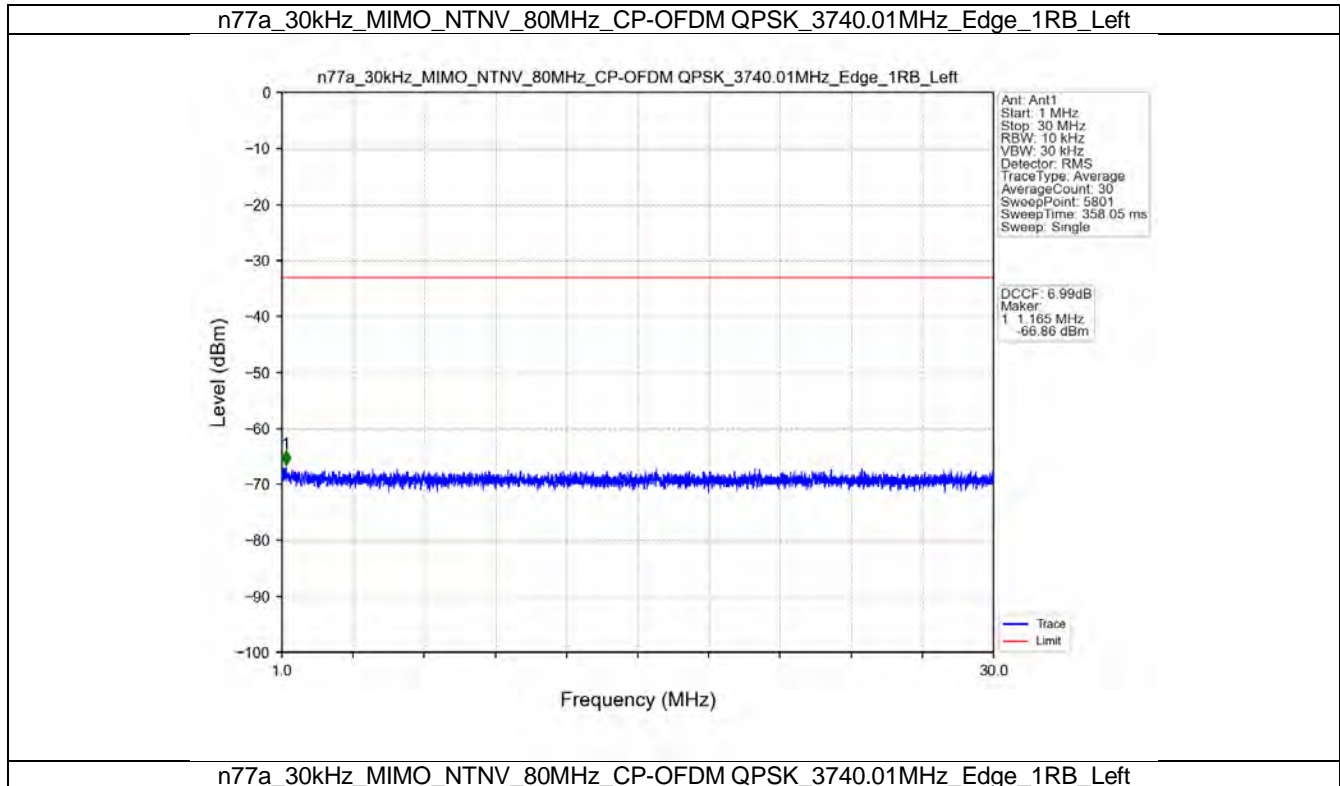


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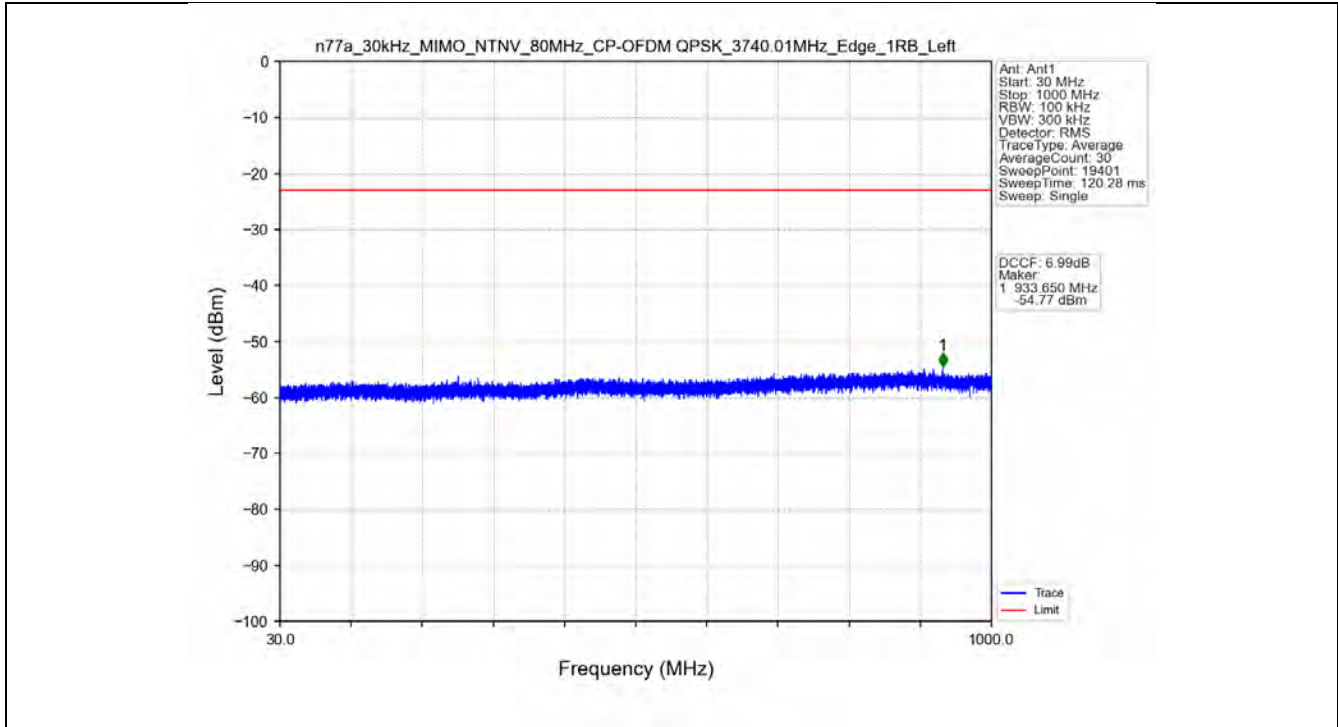


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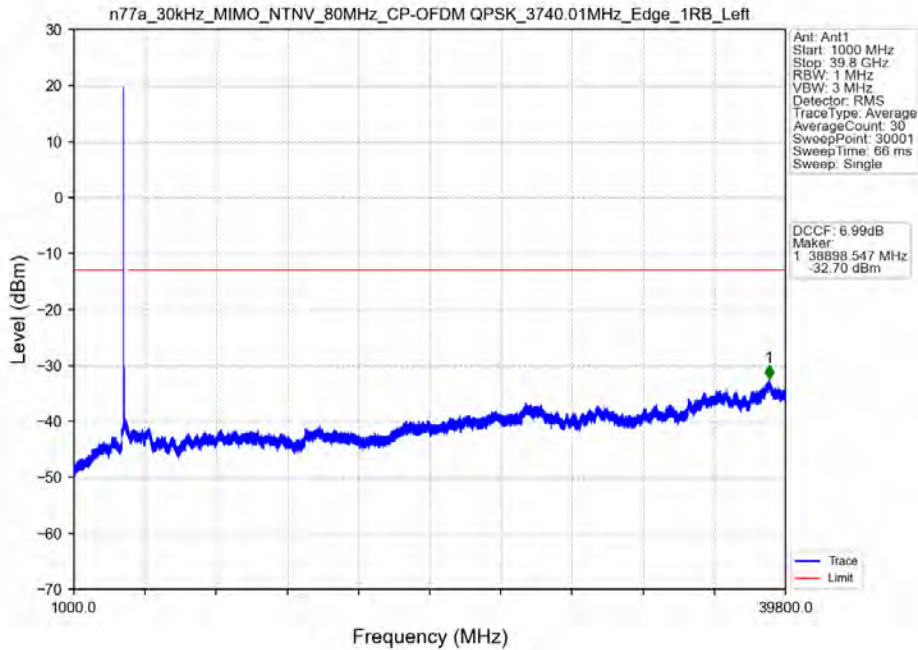
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left



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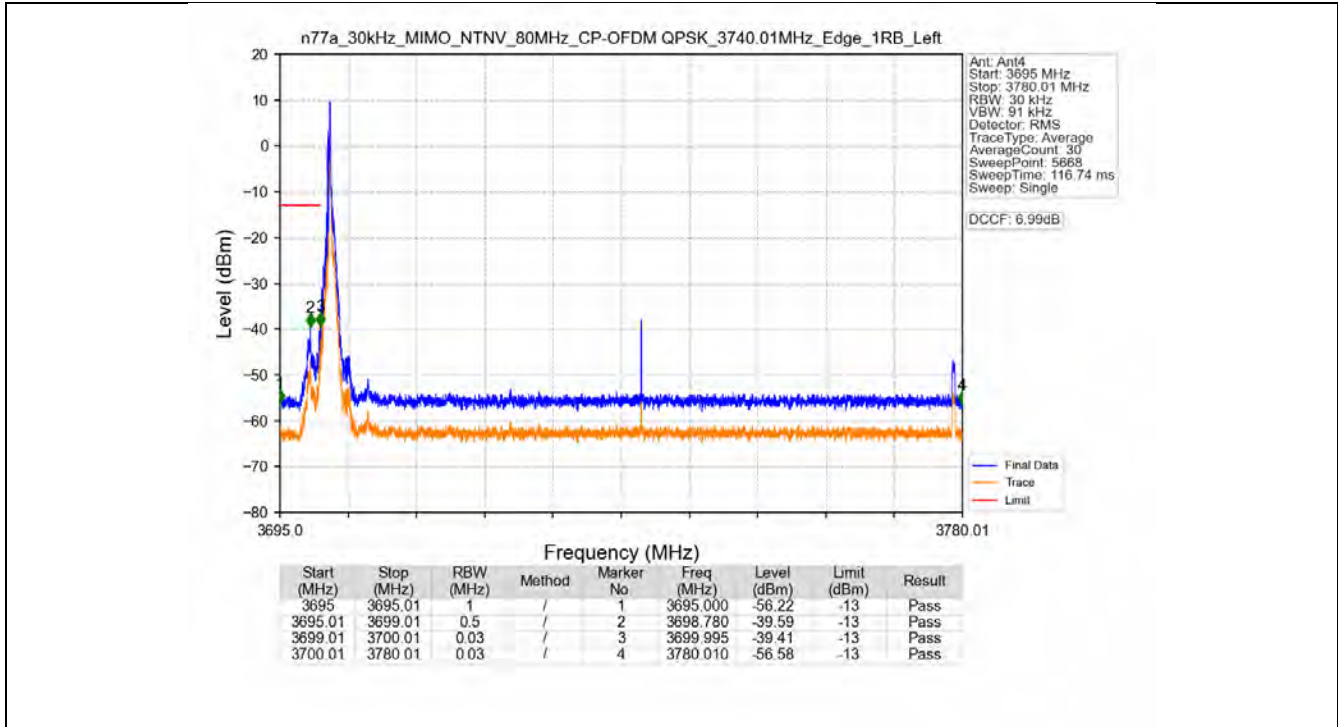


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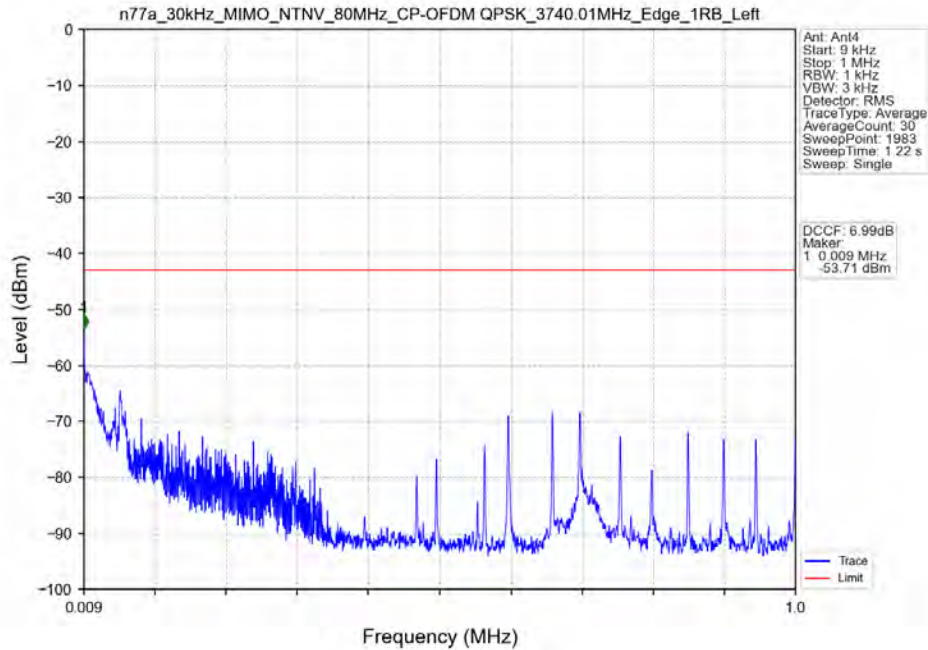
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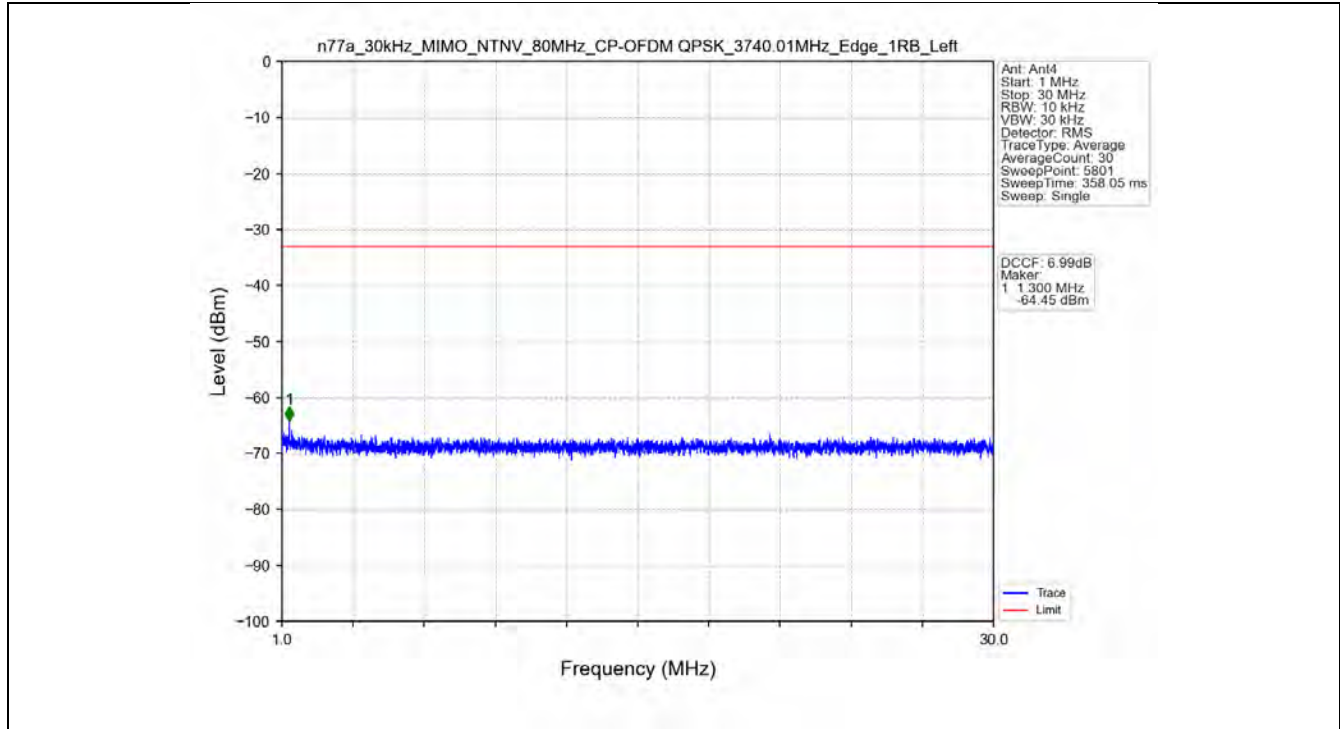


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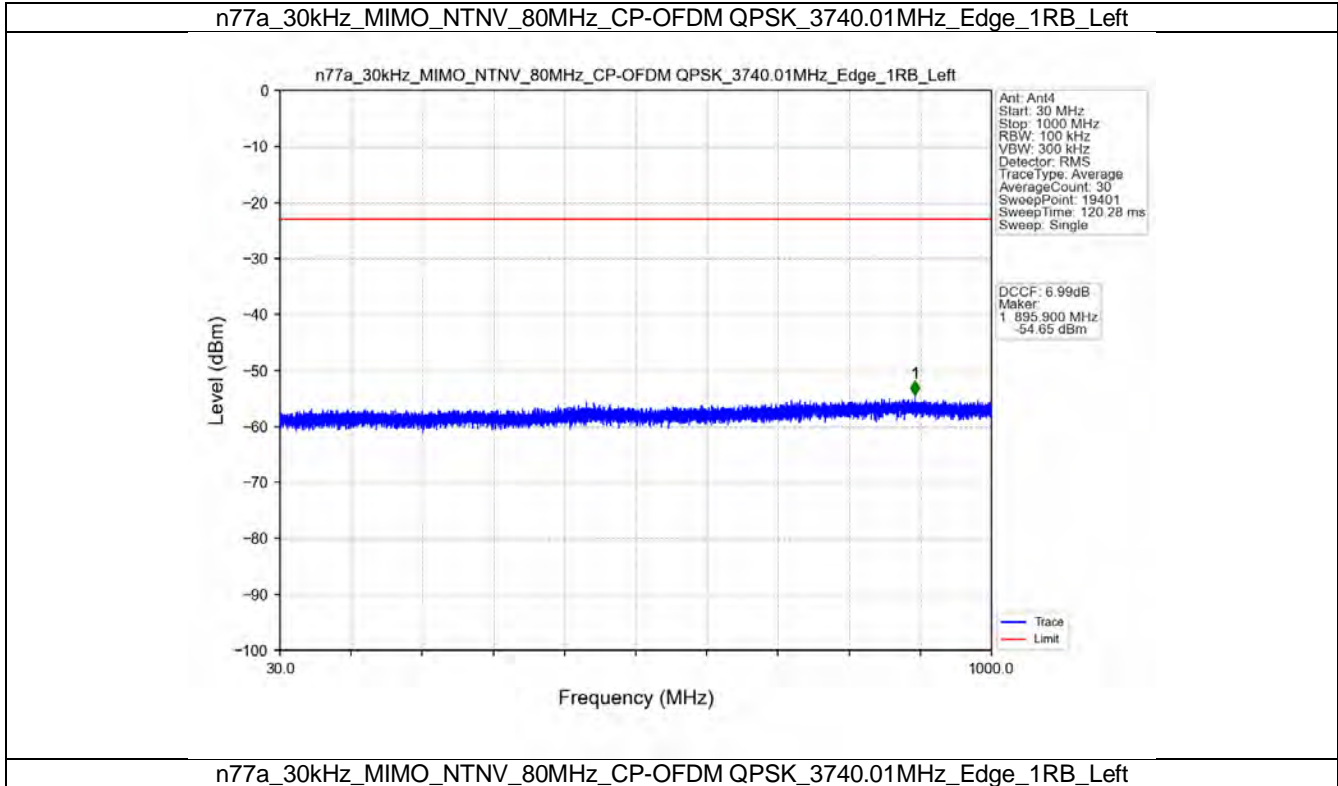


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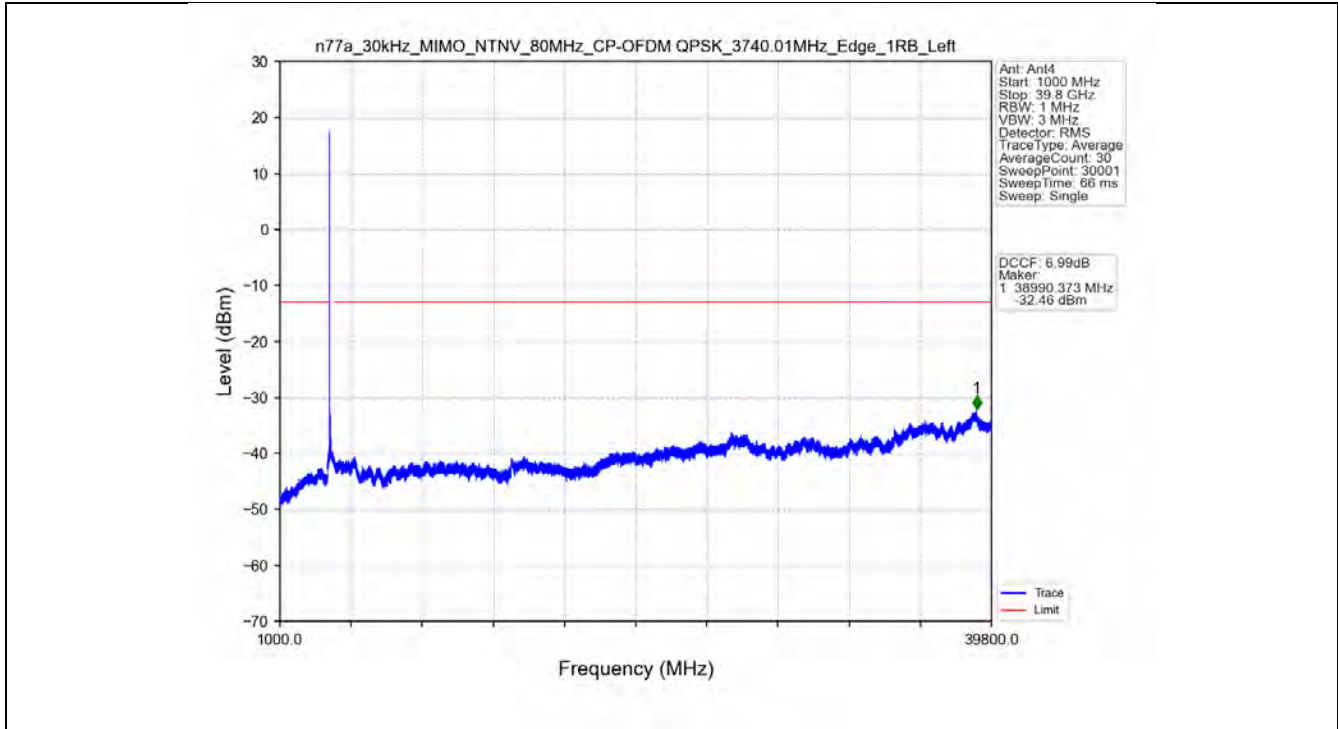


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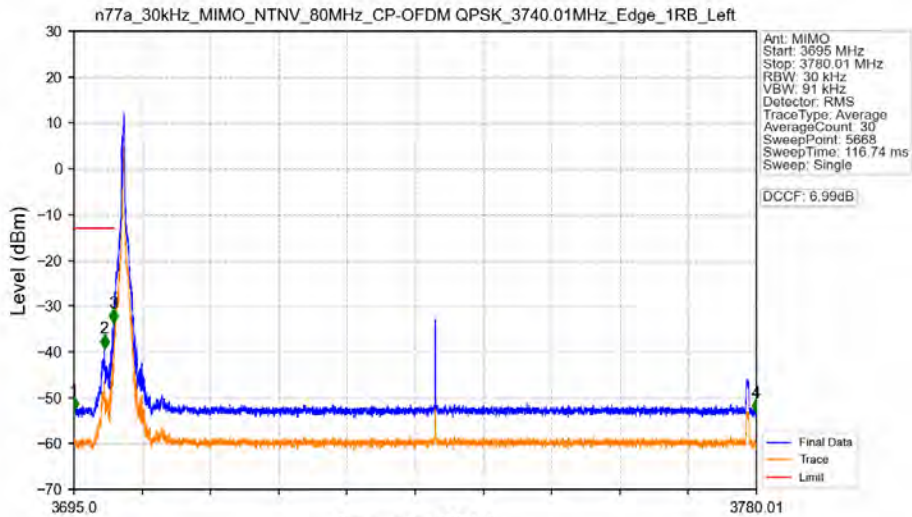
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-52.96	-13	Pass
3695.01	3699.01	0.5	/	2	3698.780	-39.23	-13	Pass
3699.01	3700.01	0.03	/	3	3699.950	-33.70	-13	Pass
3700.01	3780.01	0.03	/	4	3780.010	-53.28	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left



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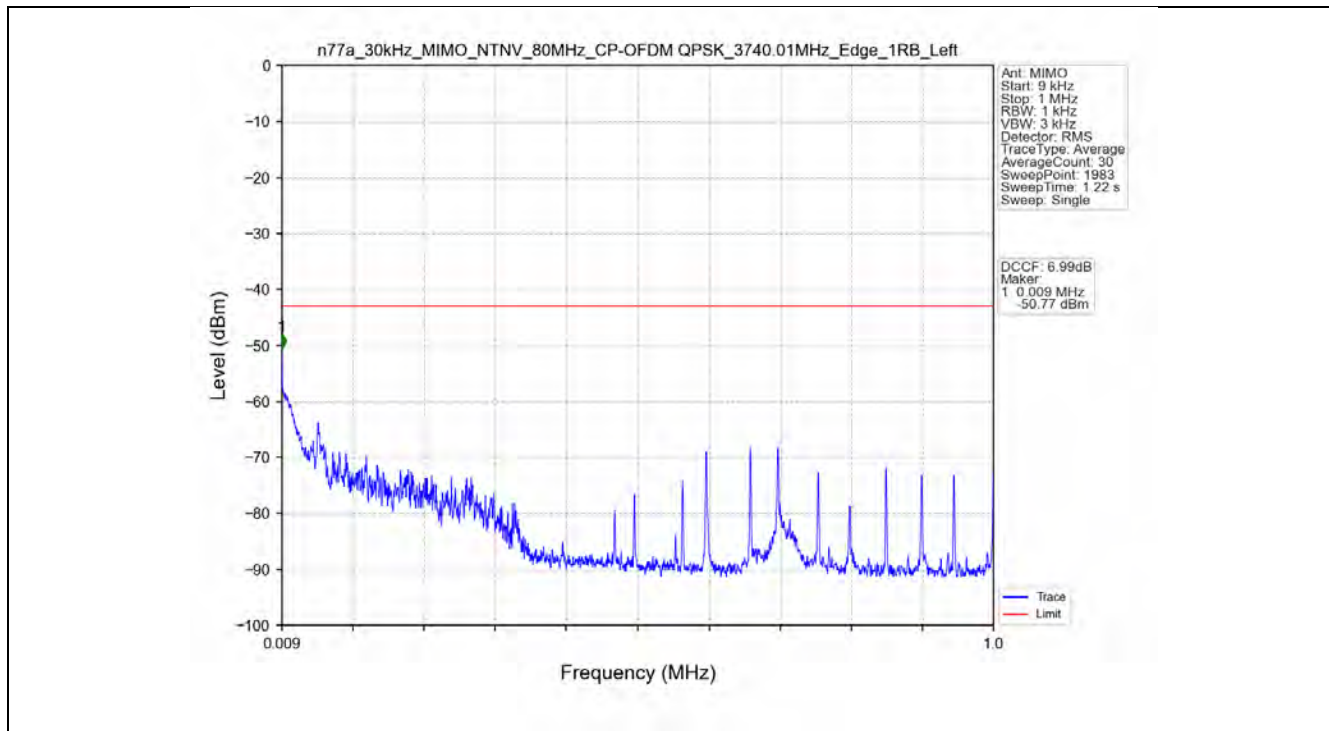
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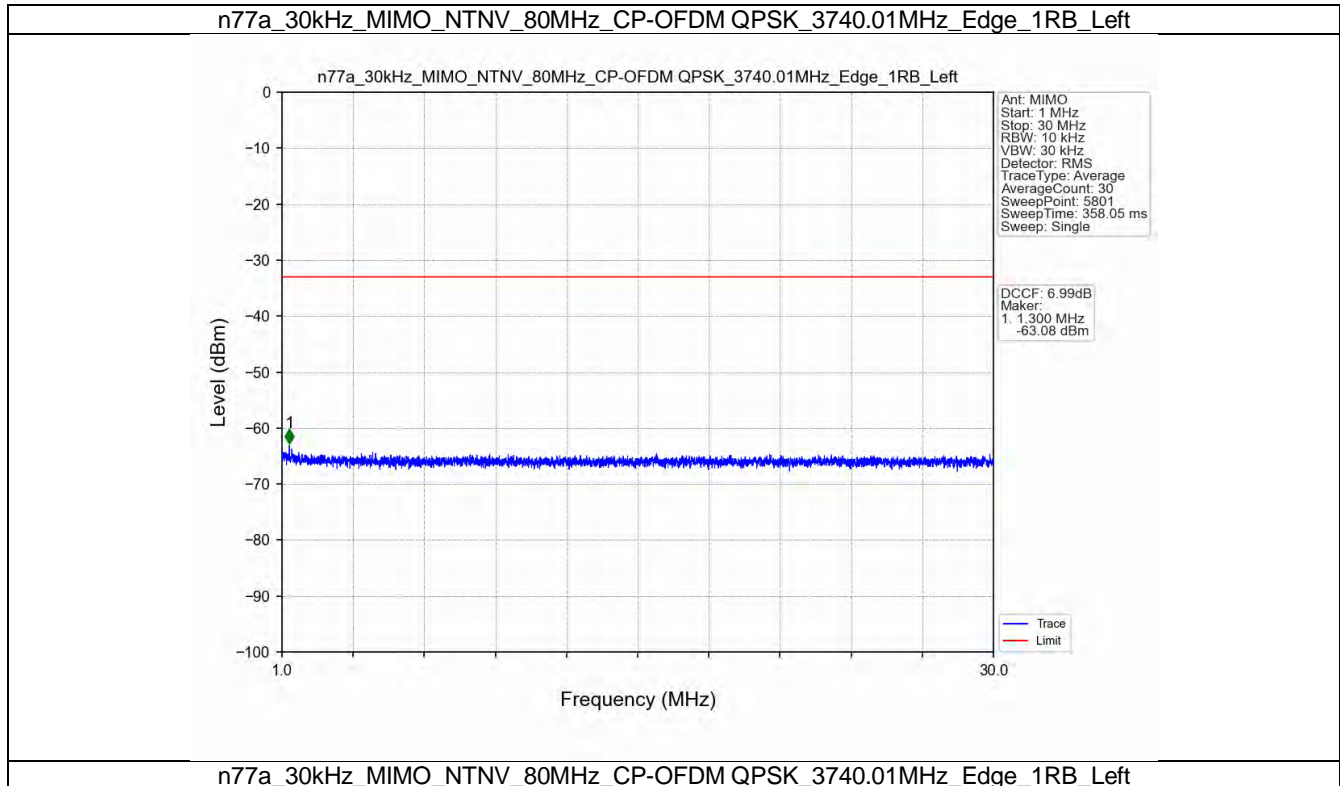


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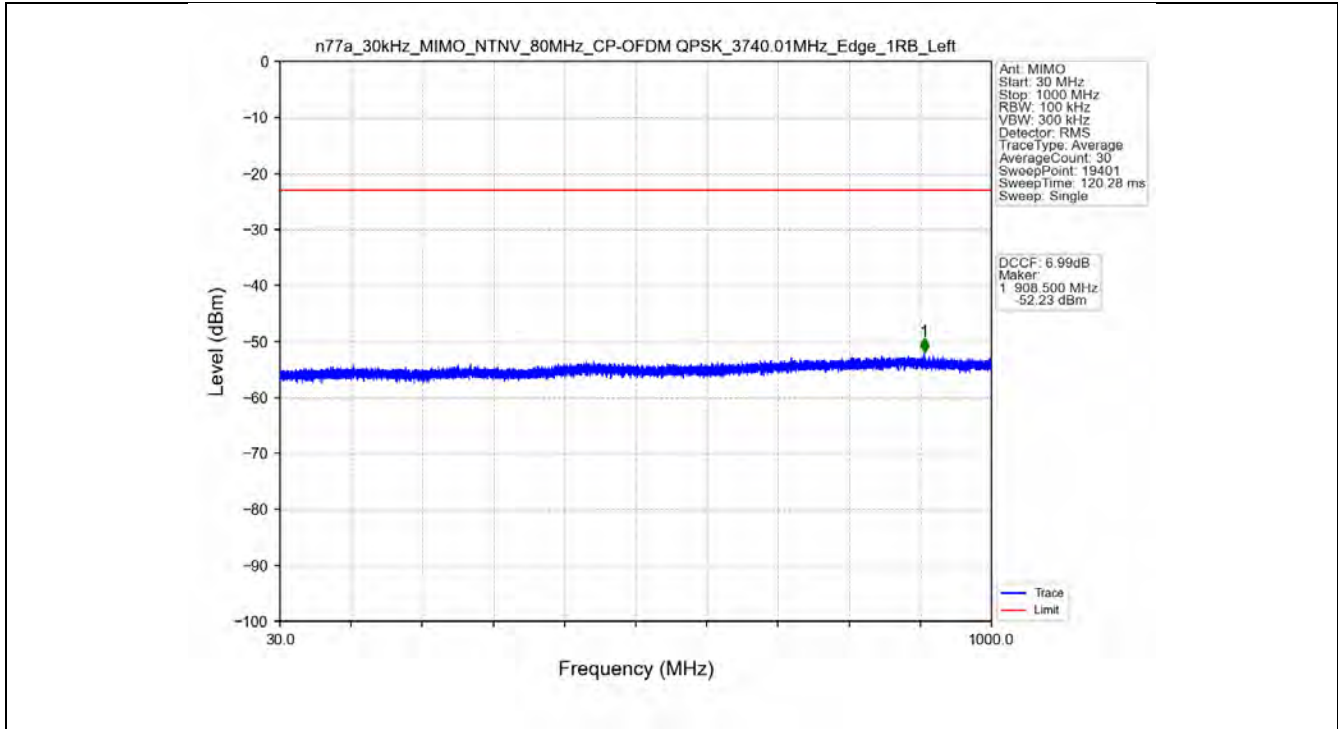


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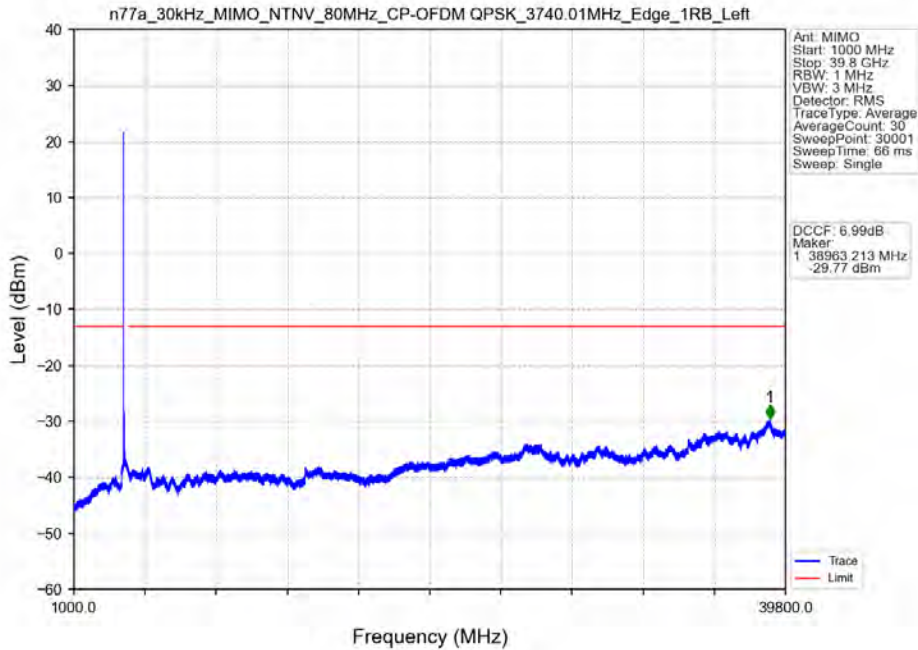
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Outer\_Full



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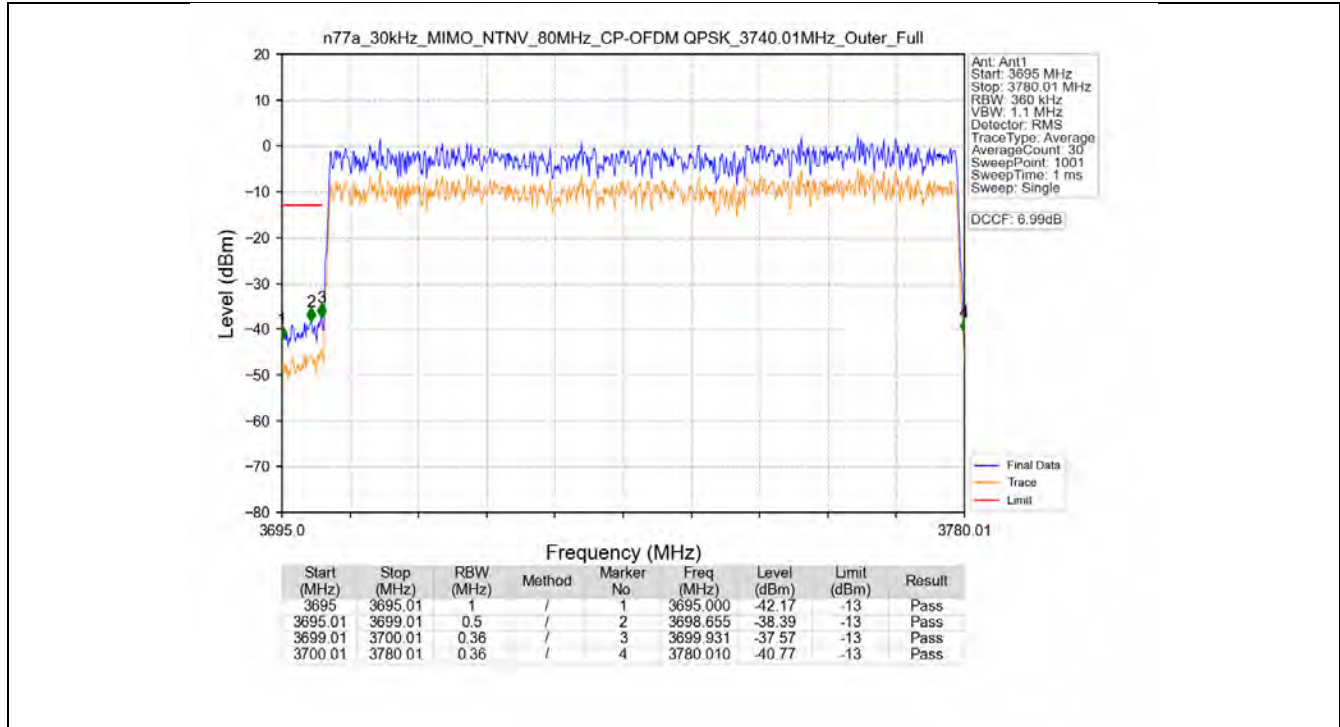


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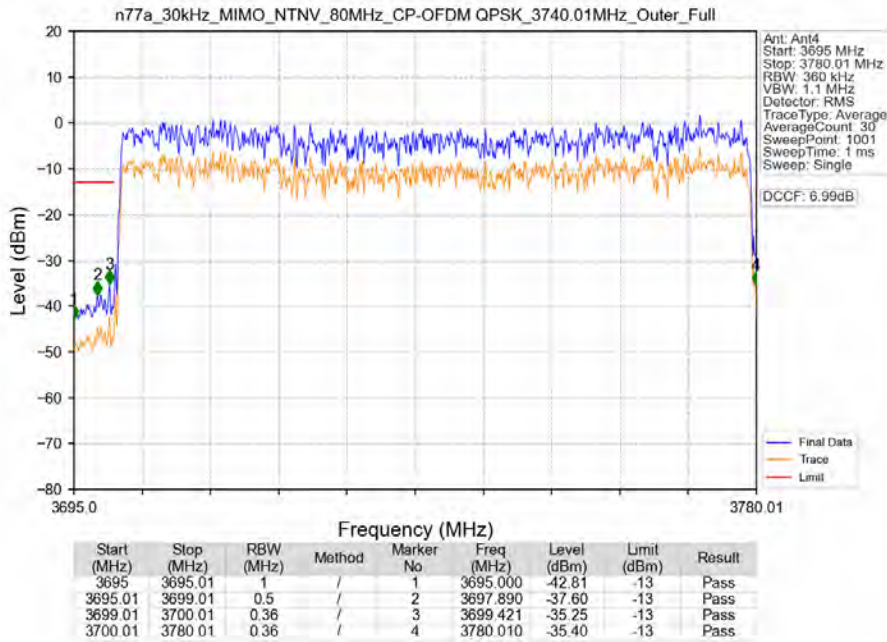
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Outer\_Full



n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Outer\_Full



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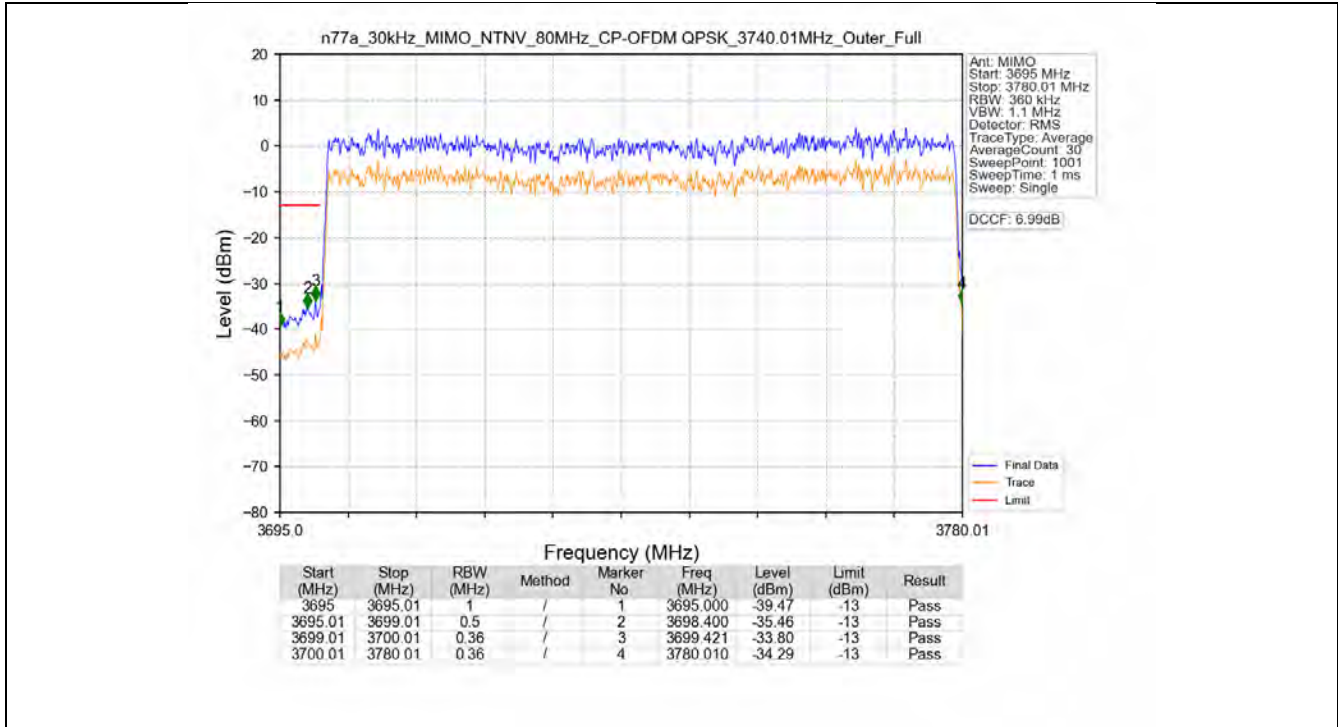


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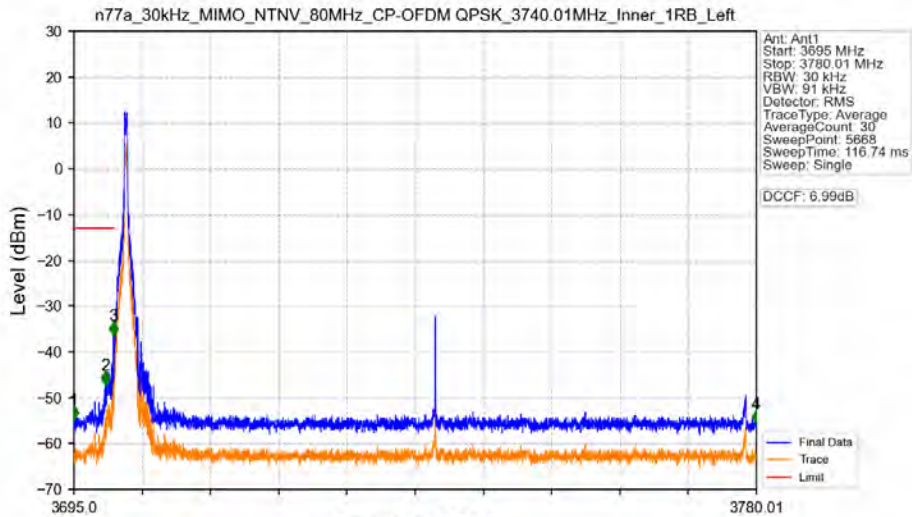
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-54.90	-13	Pass
3695.01	3699.01	0.5	/	2	3698.930	-47.21	-13	Pass
3699.01	3700.01	0.03	/	3	3699.905	-36.56	-13	Pass
3700.01	3780.01	0.03	/	4	3780.010	-55.69	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Inner\_1RB\_Left



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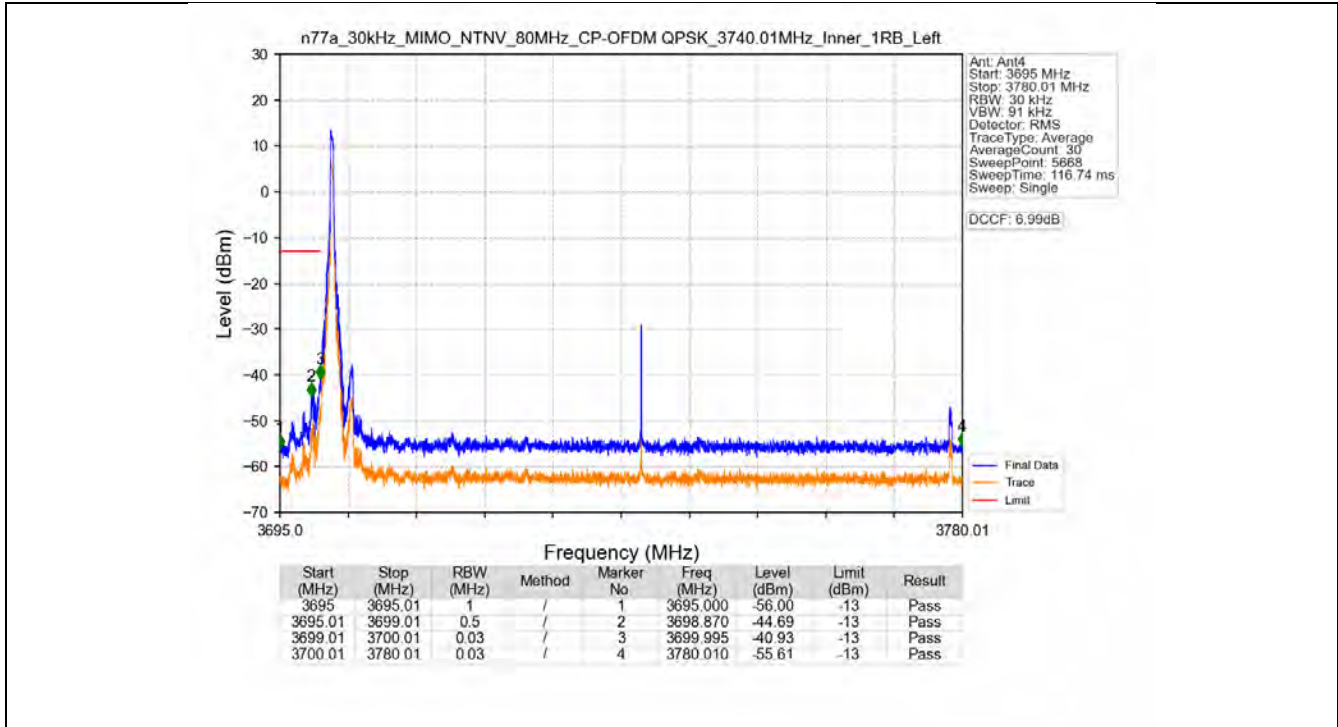


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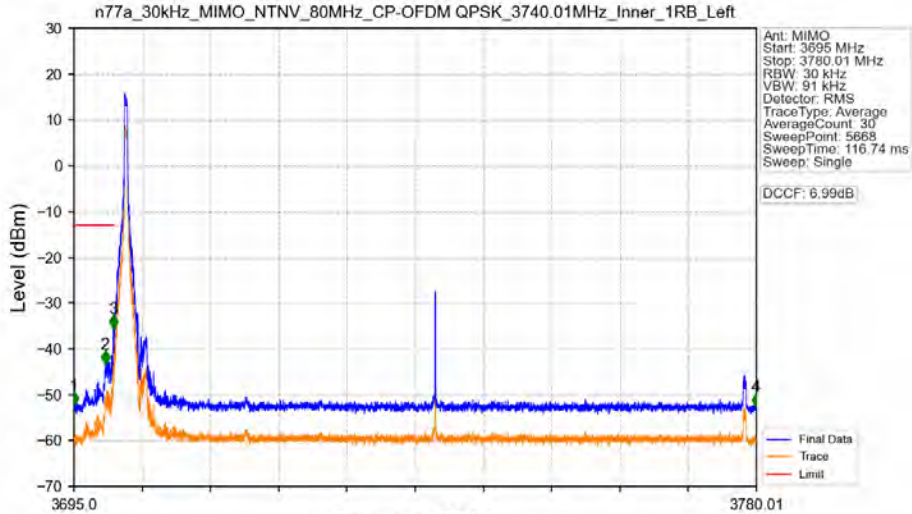
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-52.41	-13	Pass
3695.01	3699.01	0.5	/	2	3698.870	-43.37	-13	Pass
3699.01	3700.01	0.03	/	3	3699.905	-35.66	-13	Pass
3700.01	3780.01	0.03	/	4	3780.010	-52.64	-13	Pass

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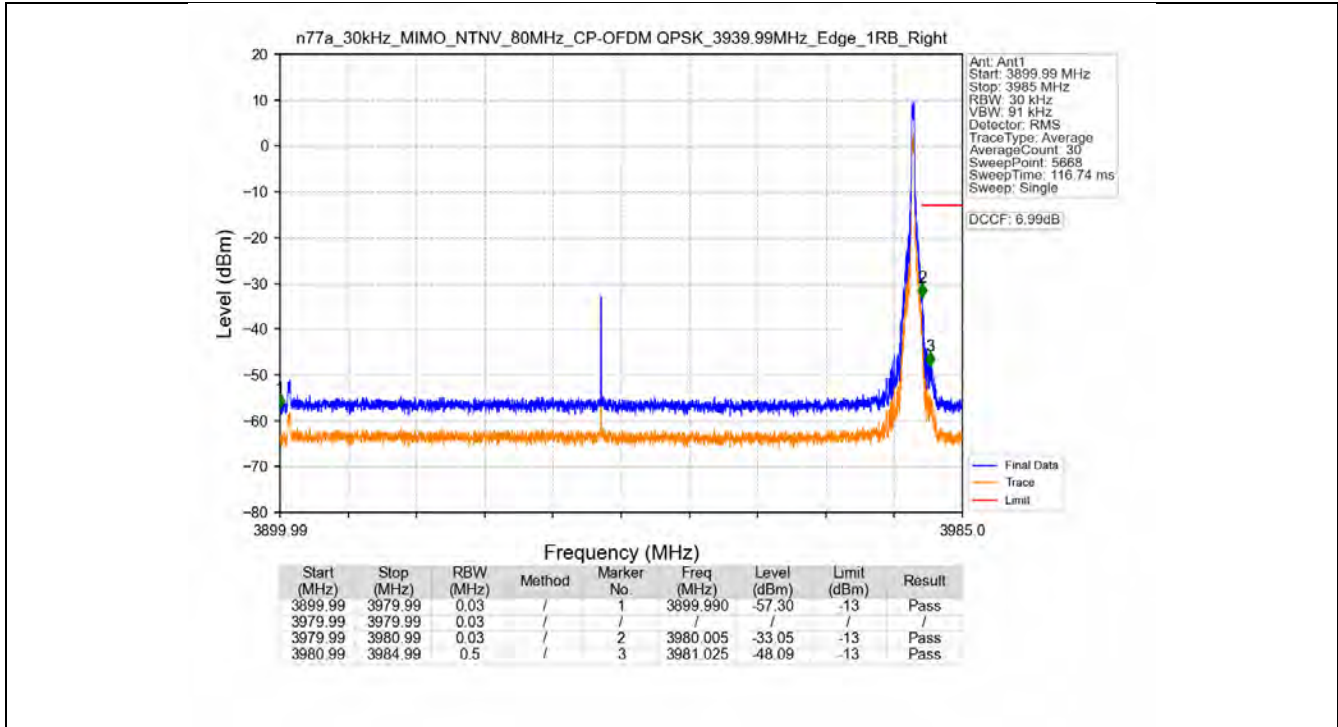


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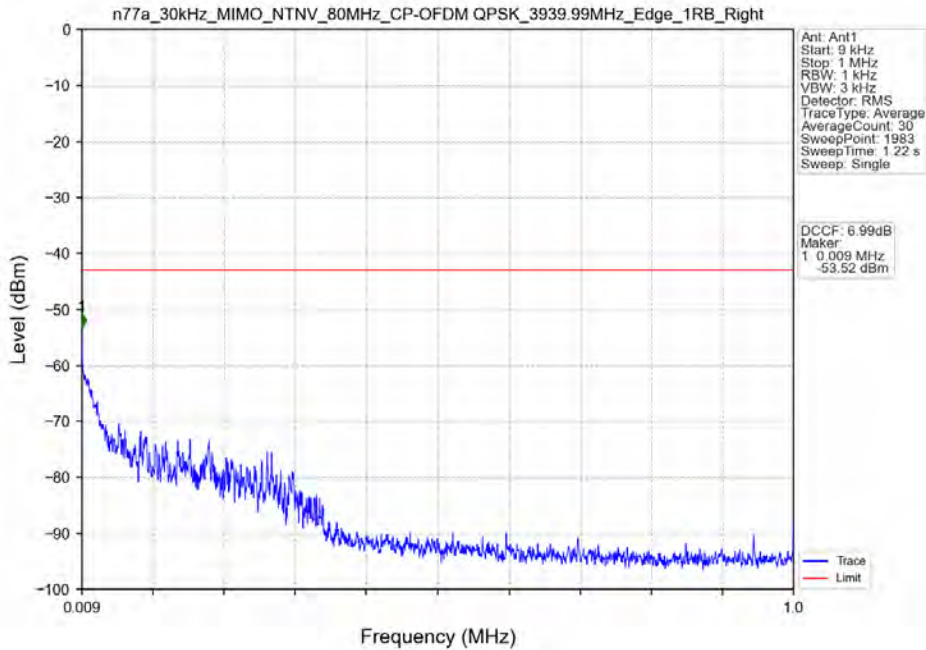
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



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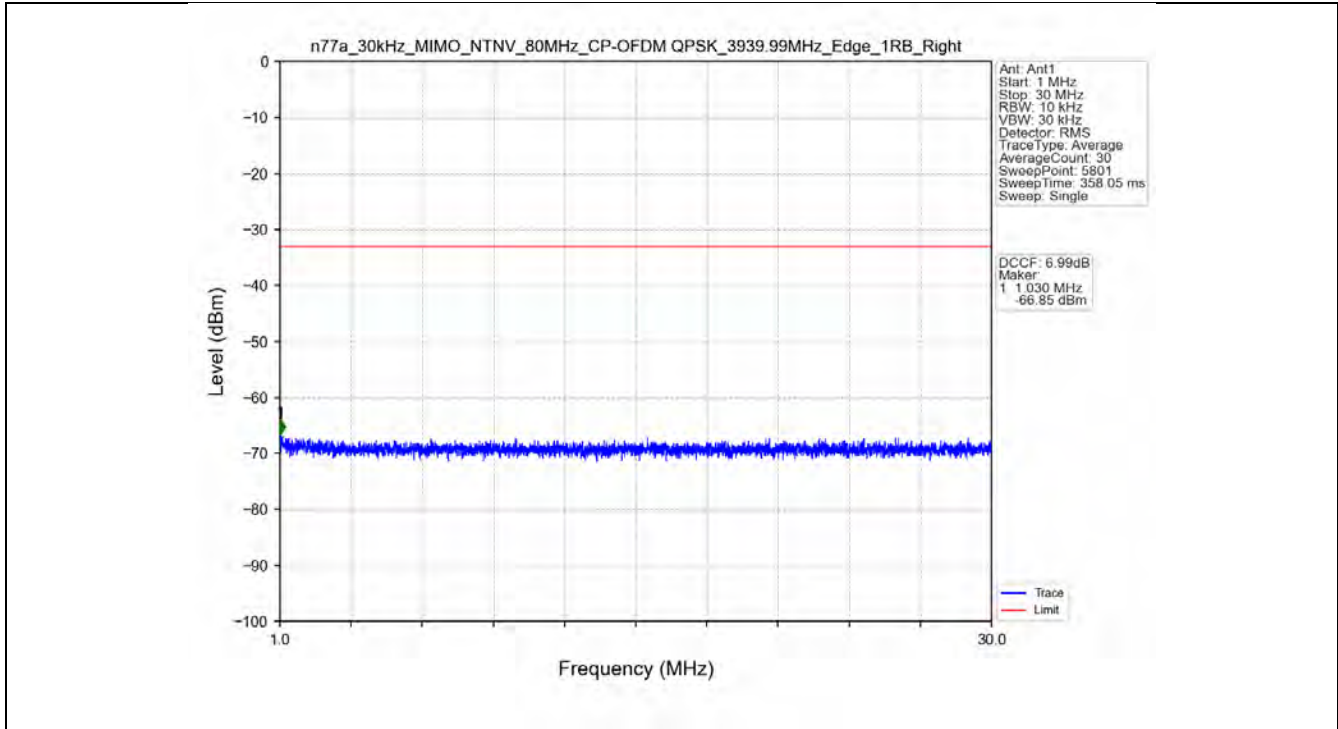


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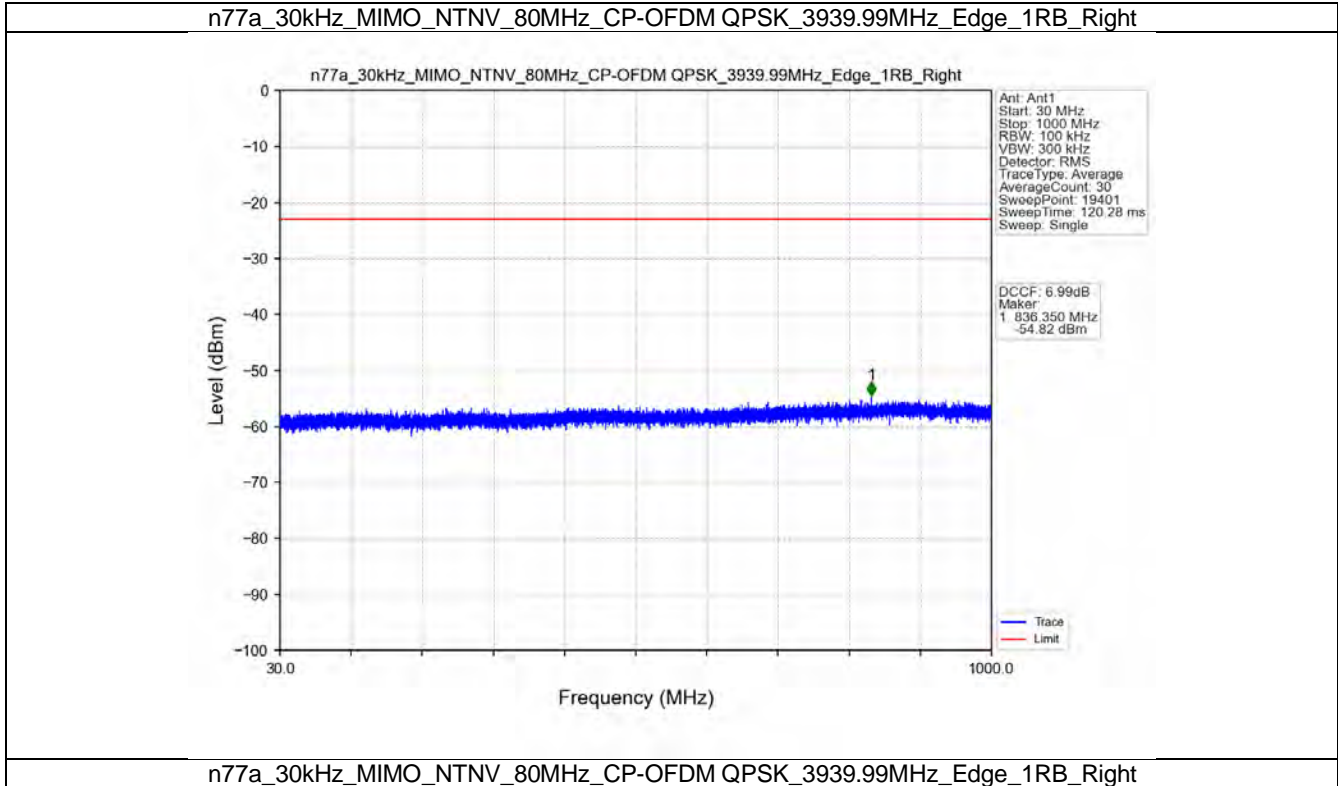


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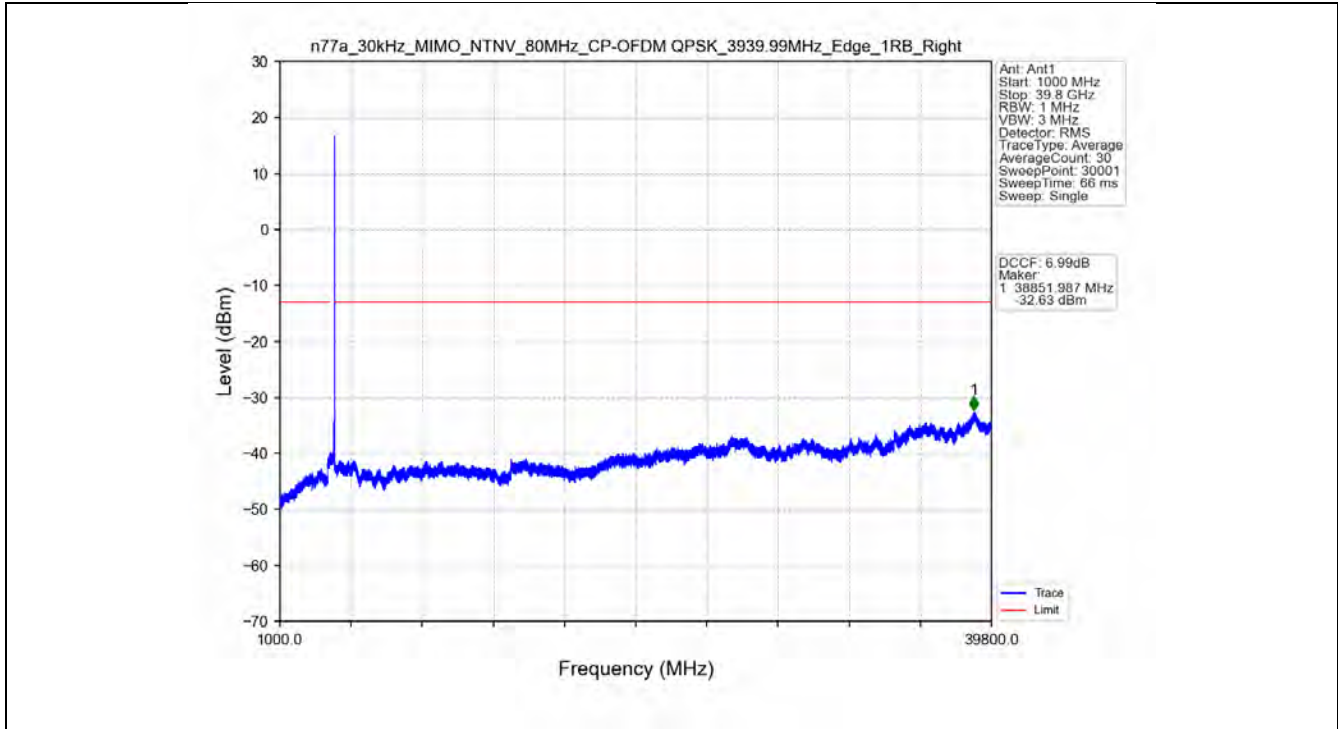


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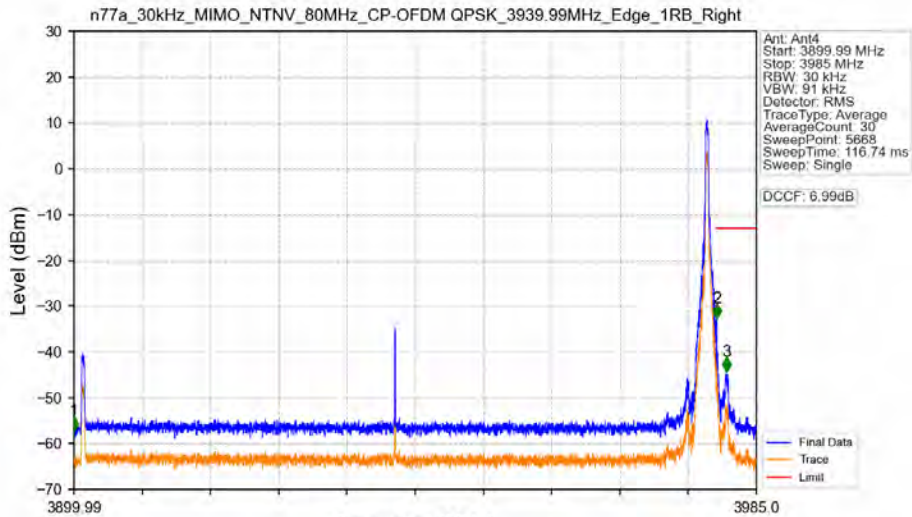
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.03	/	1	3899.990	-57.24	-13	Pass
3979.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	2	3980.050	-32.66	-13	Pass
3980.99	3984.99	0.5	/	3	3981.235	-44.32	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



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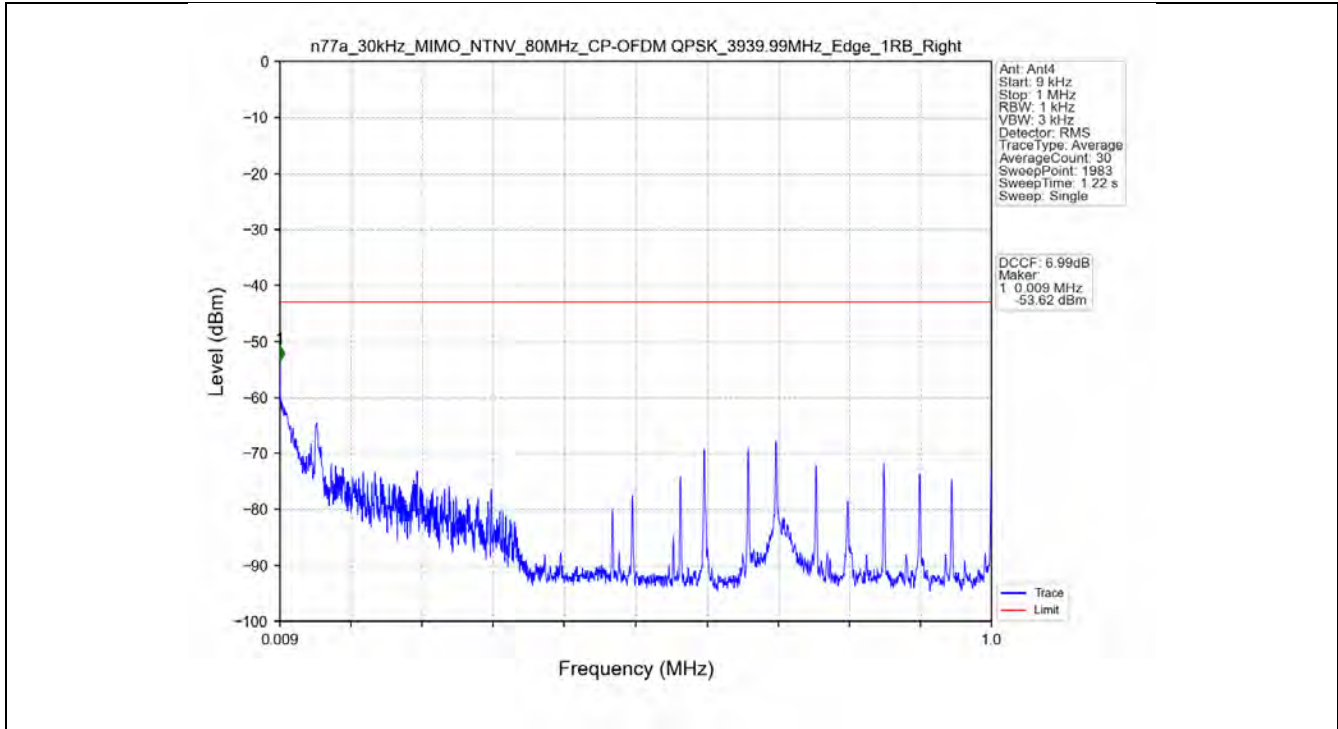


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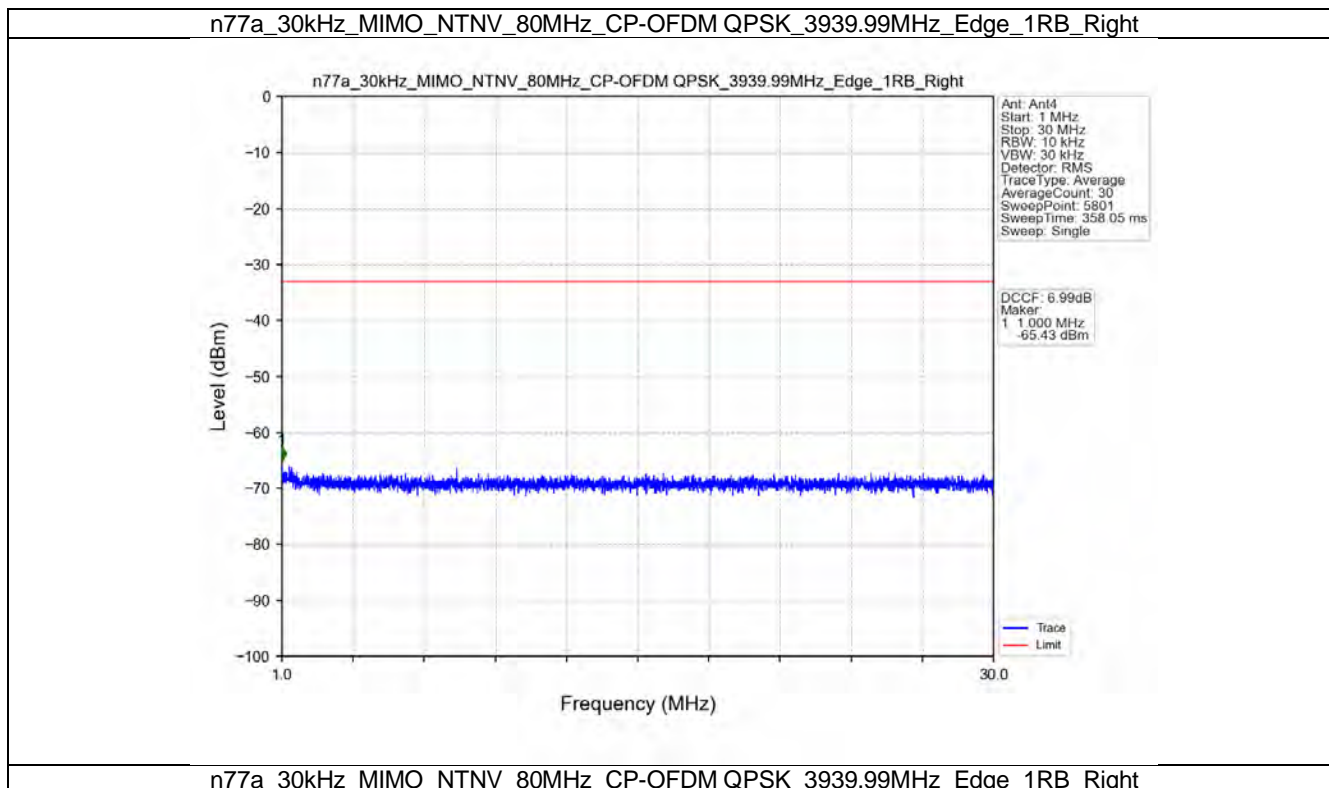
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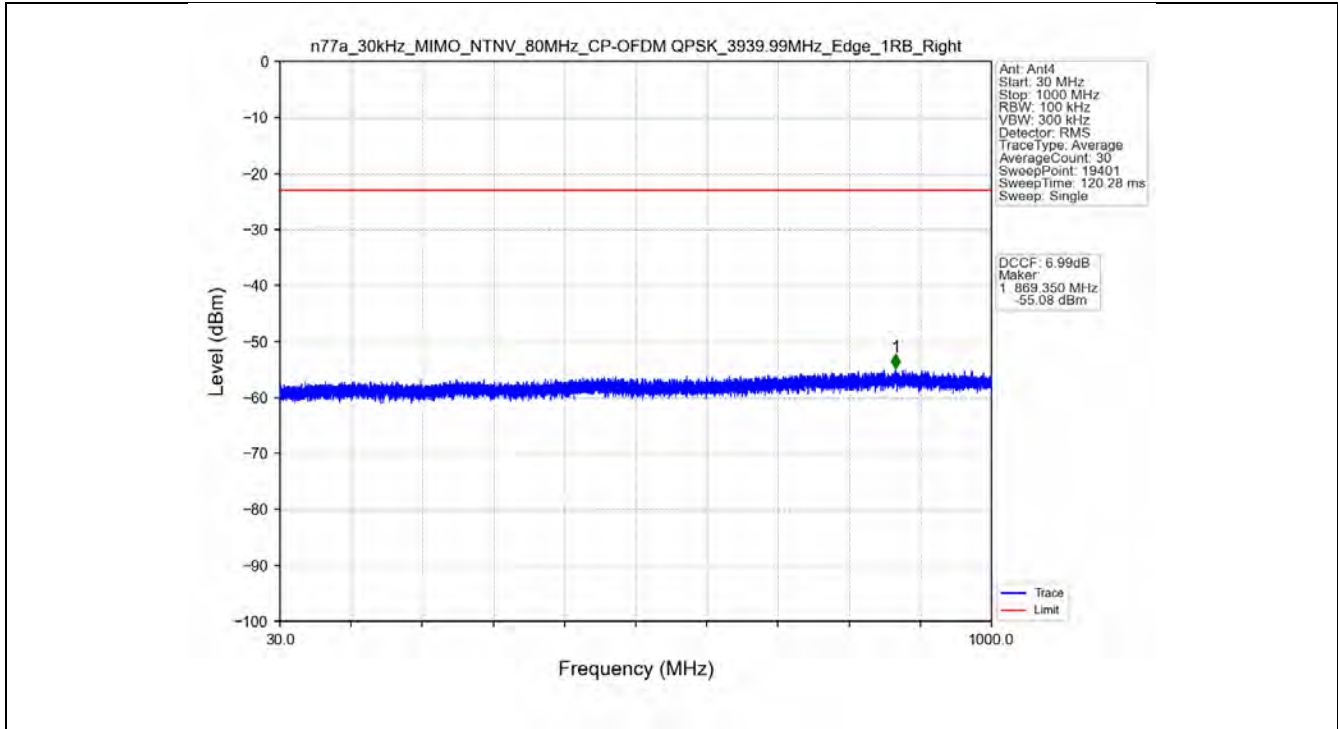


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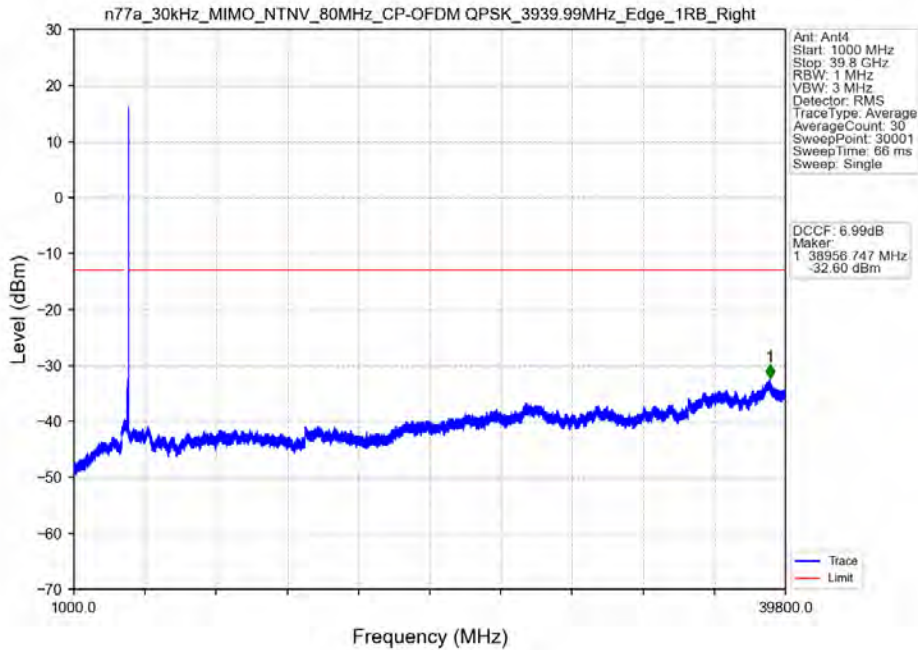
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



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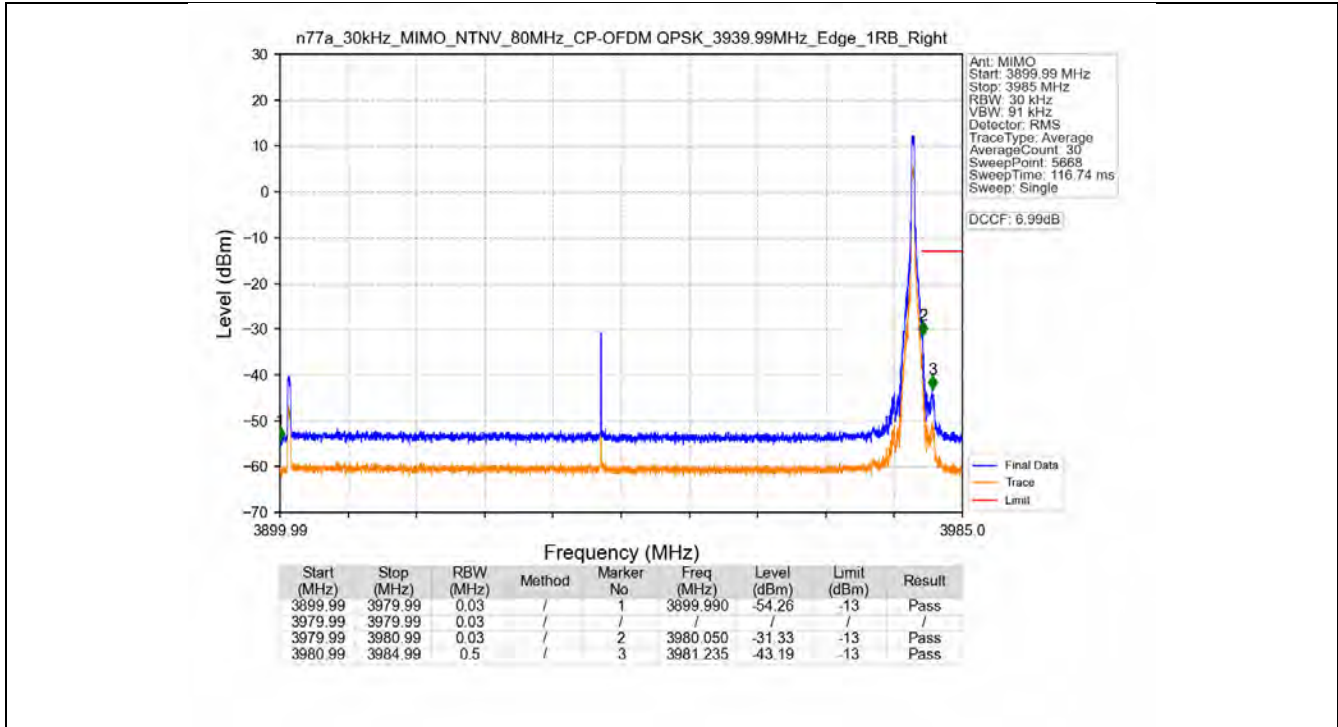


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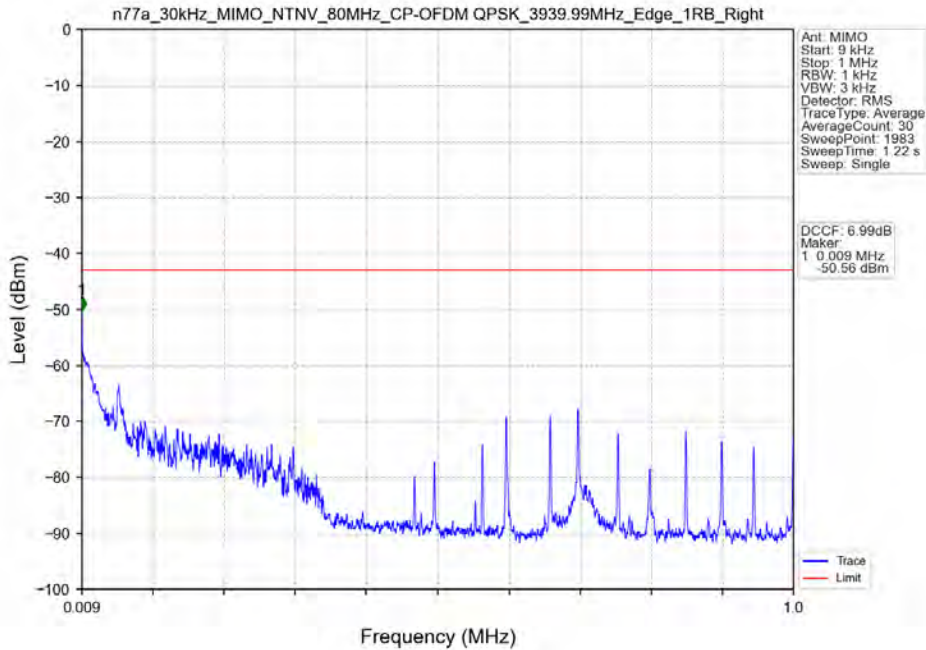
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM QPSK\_3939.99MHz\_Edge\_1RB\_Right



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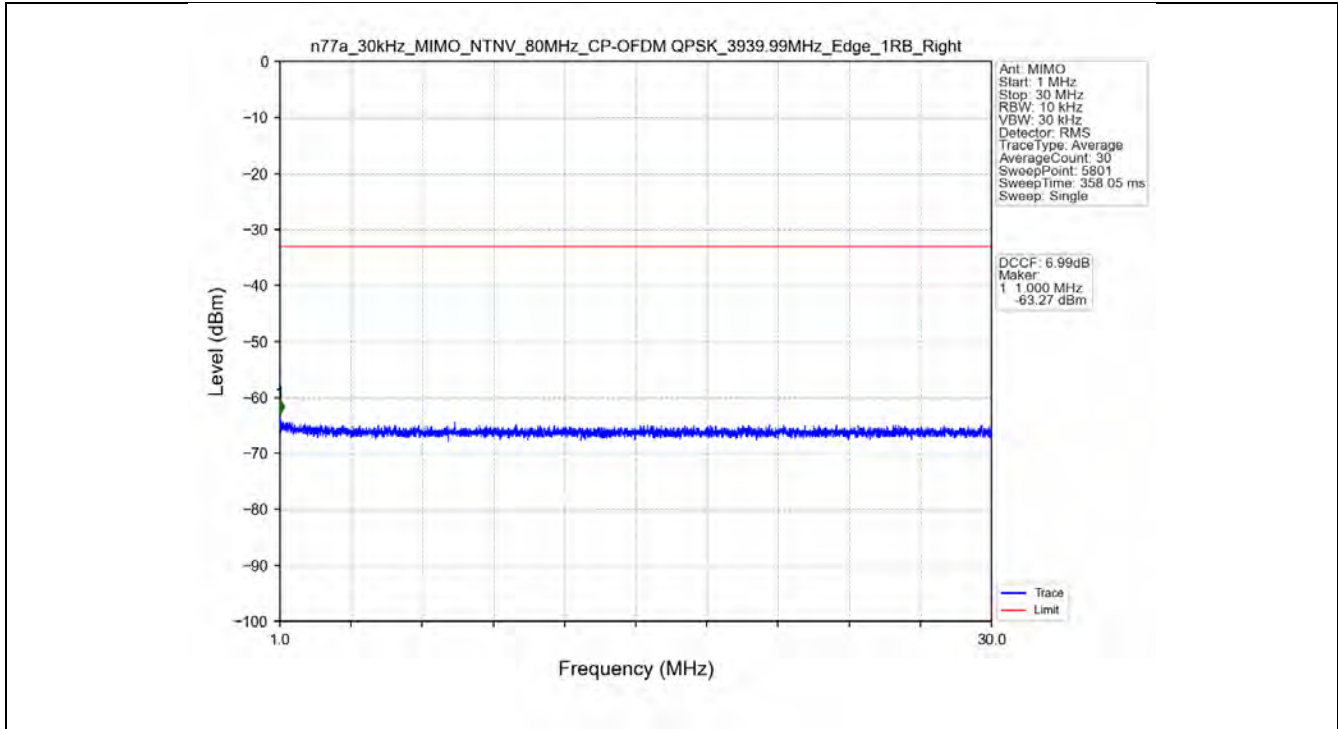


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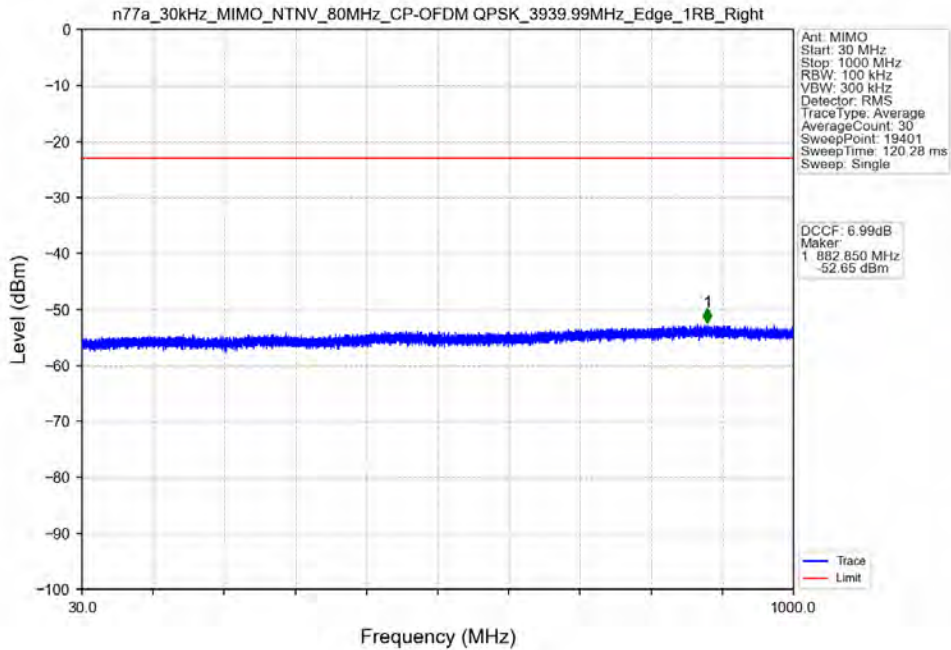
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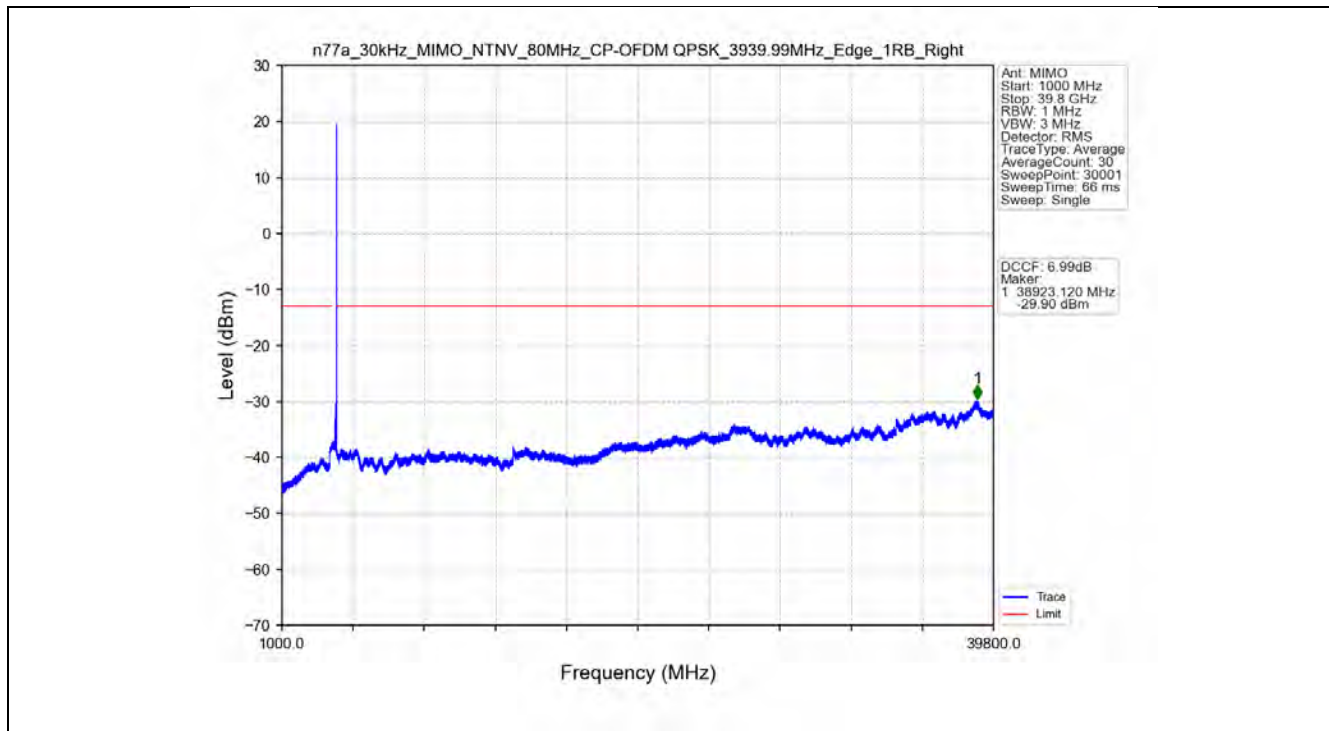
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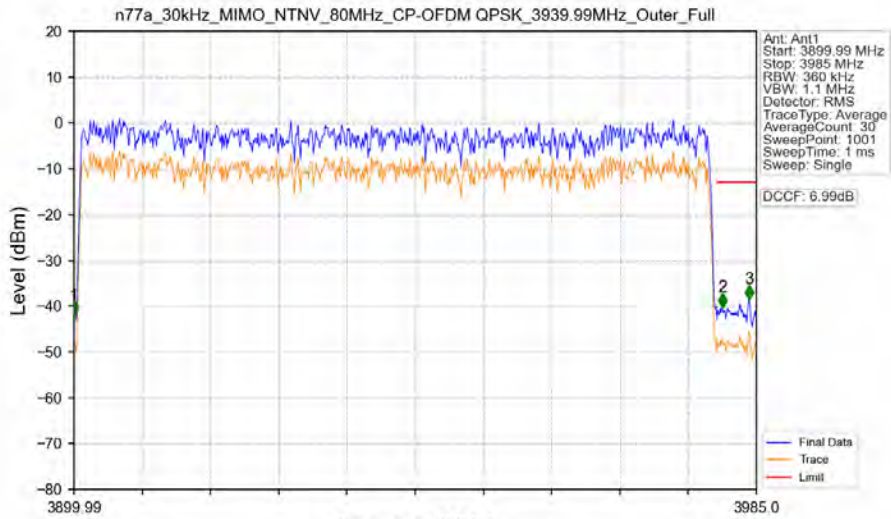
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.36	/	1	3899.990	-11.94	-13	Pass
3979.99	3979.99	0.36	/	/	/	/	/	/
3979.99	3980.99	0.36	/	2	3980.749	-40.23	-13	Pass
3980.99	3984.99	0.5	/	3	3984.065	-38.48	-13	Pass

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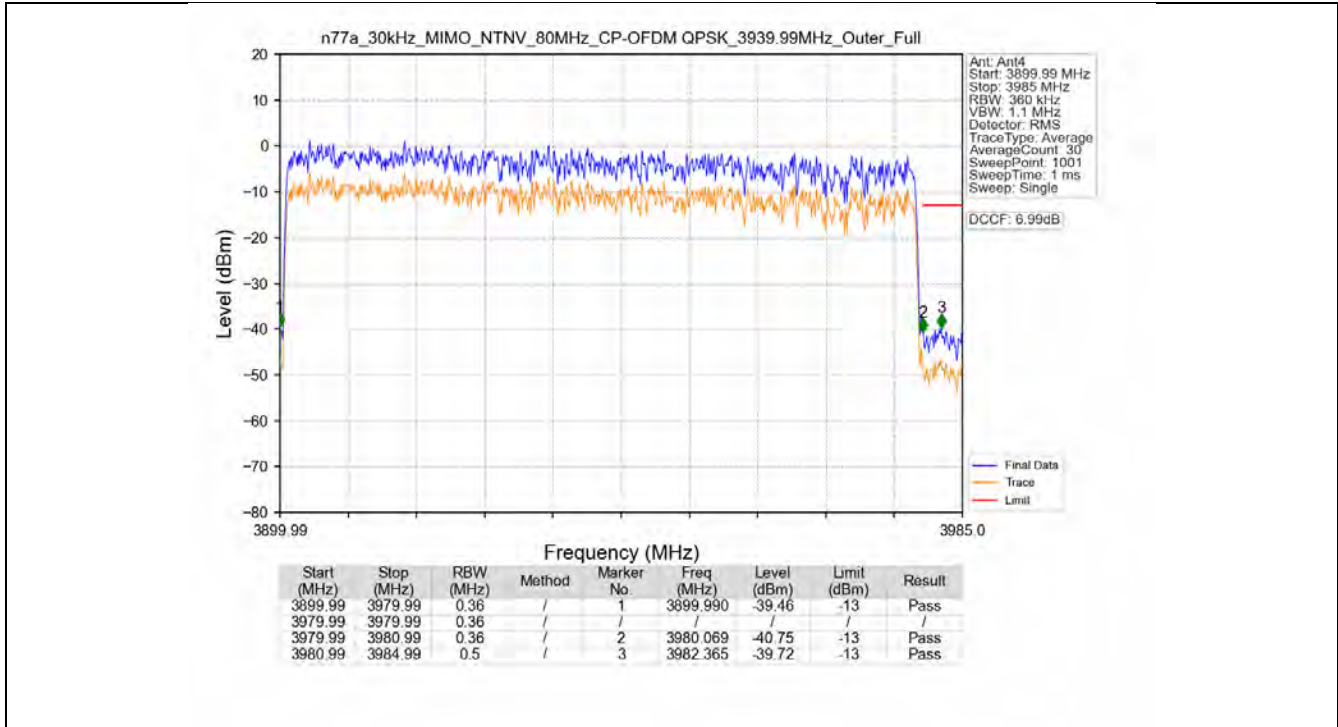


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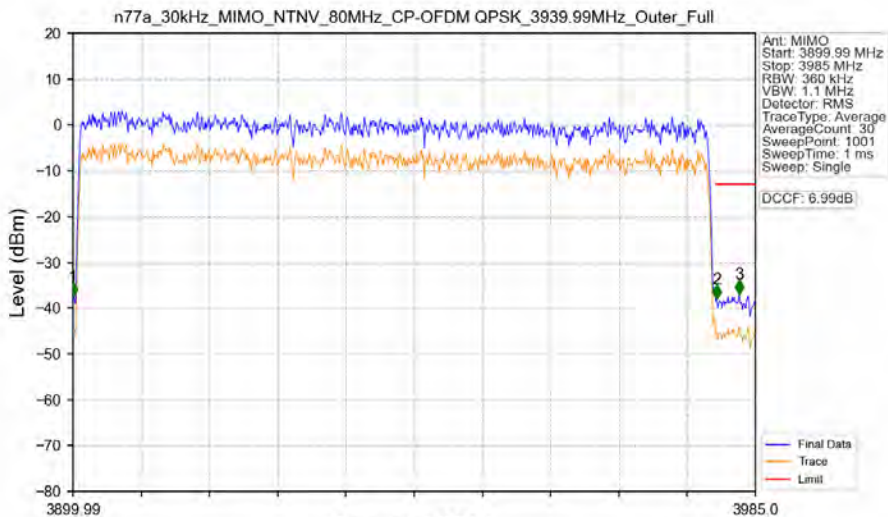
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.36	/	1	3899.990	-37.52	-13	Pass
3979.99	3979.99	0.36	/	/	/	/	/	/
3979.99	3980.99	0.36	/	2	3980.154	-38.07	-13	Pass
3980.99	3984.99	0.5	/	3	3982.960	-36.96	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Inner\_1RB\_Right



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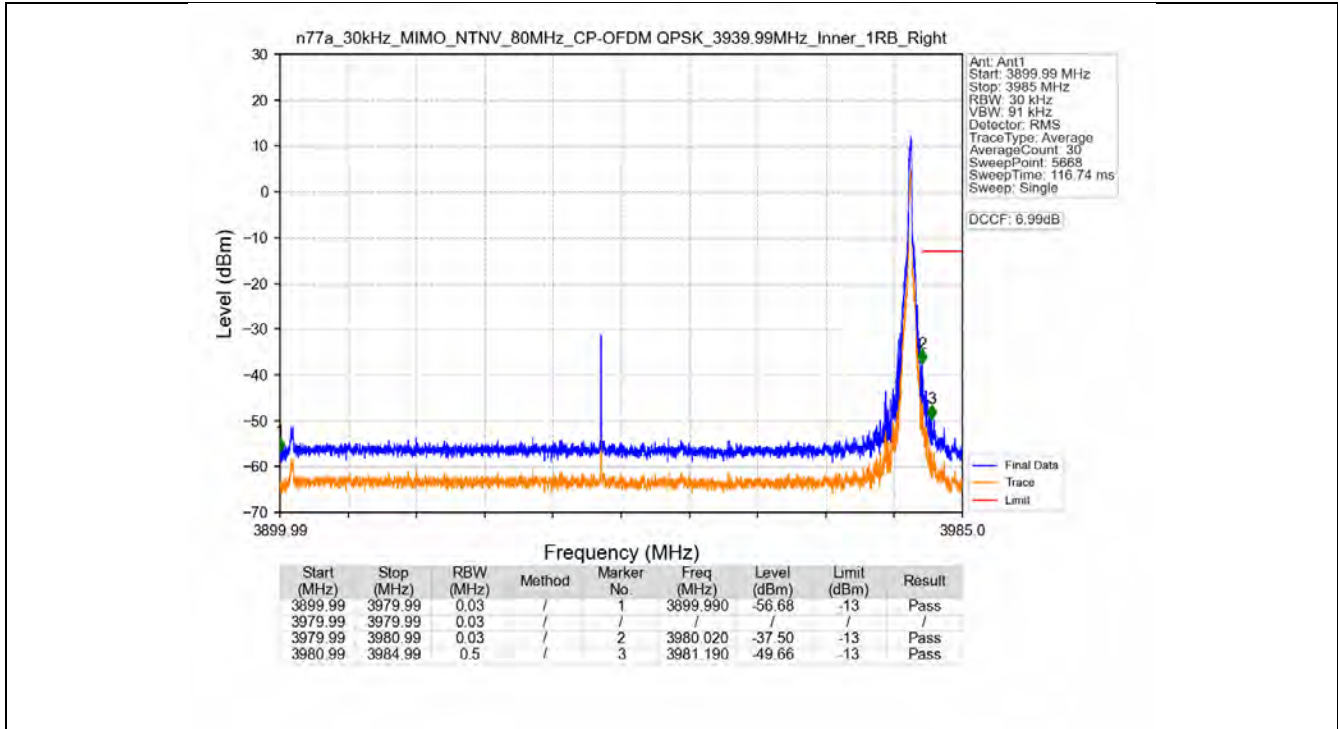


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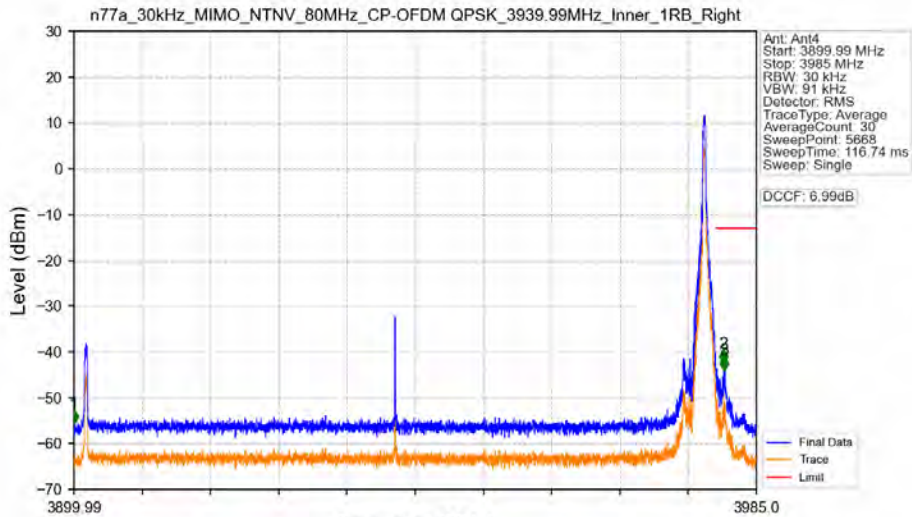
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n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.03	/	1	3899.990	-55.77	-13	Pass
3979.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	2	3980.920	-42.44	-13	Pass
3980.99	3984.99	0.5	/	3	3981.010	-44.01	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Inner\_1RB\_Right



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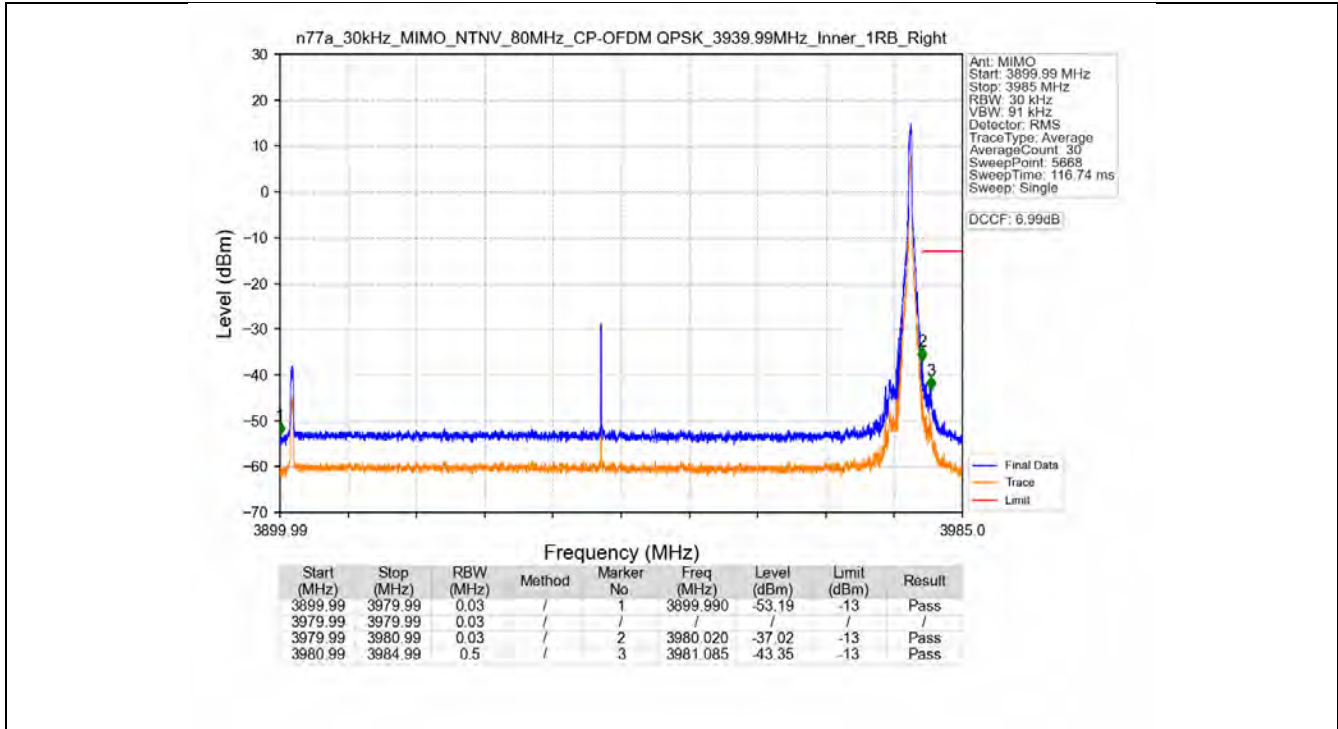


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## 5.12 30k\_MIMO\_100MHz\_NTNV

### 5.12.1 Test Result

5G NR n77a SCS=30kHz MIMO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant4	Sum	
CP-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
	3930	Inner_1RB_Left	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
			Refer To Test Graph			Pass
			Refer To Test Graph			Pass
	Outer_Full	Refer To Test Graph			Pass	
		Refer To Test Graph			Pass	
		Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	
Refer To Test Graph			Pass			



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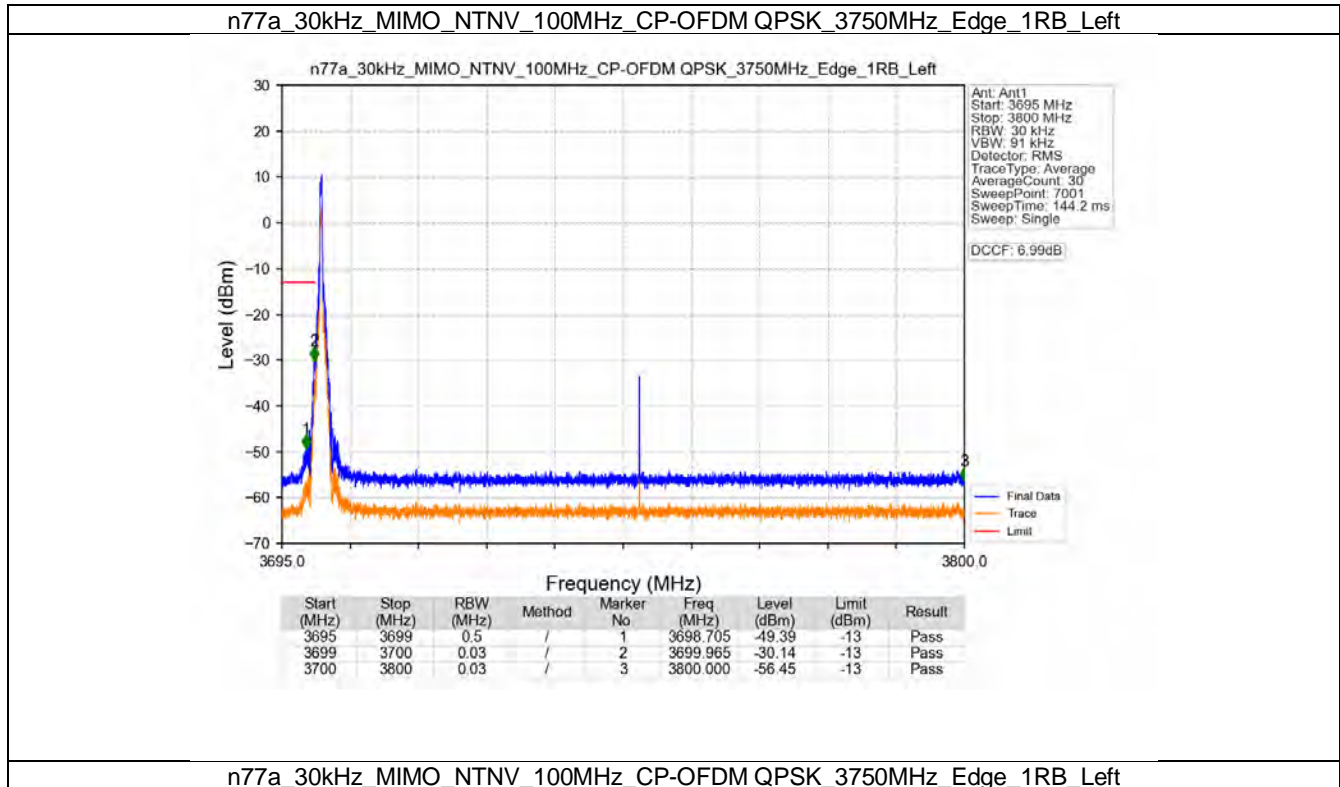
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5.12.2 Test Graph



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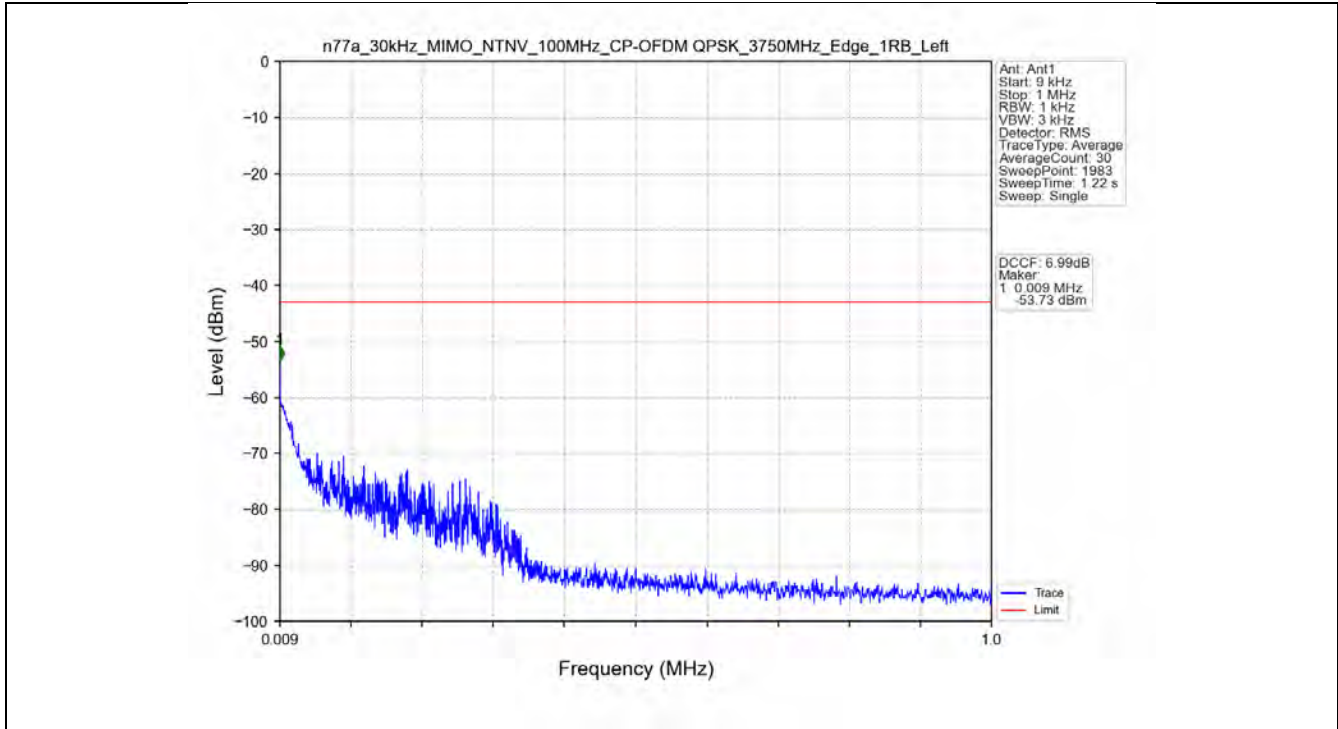


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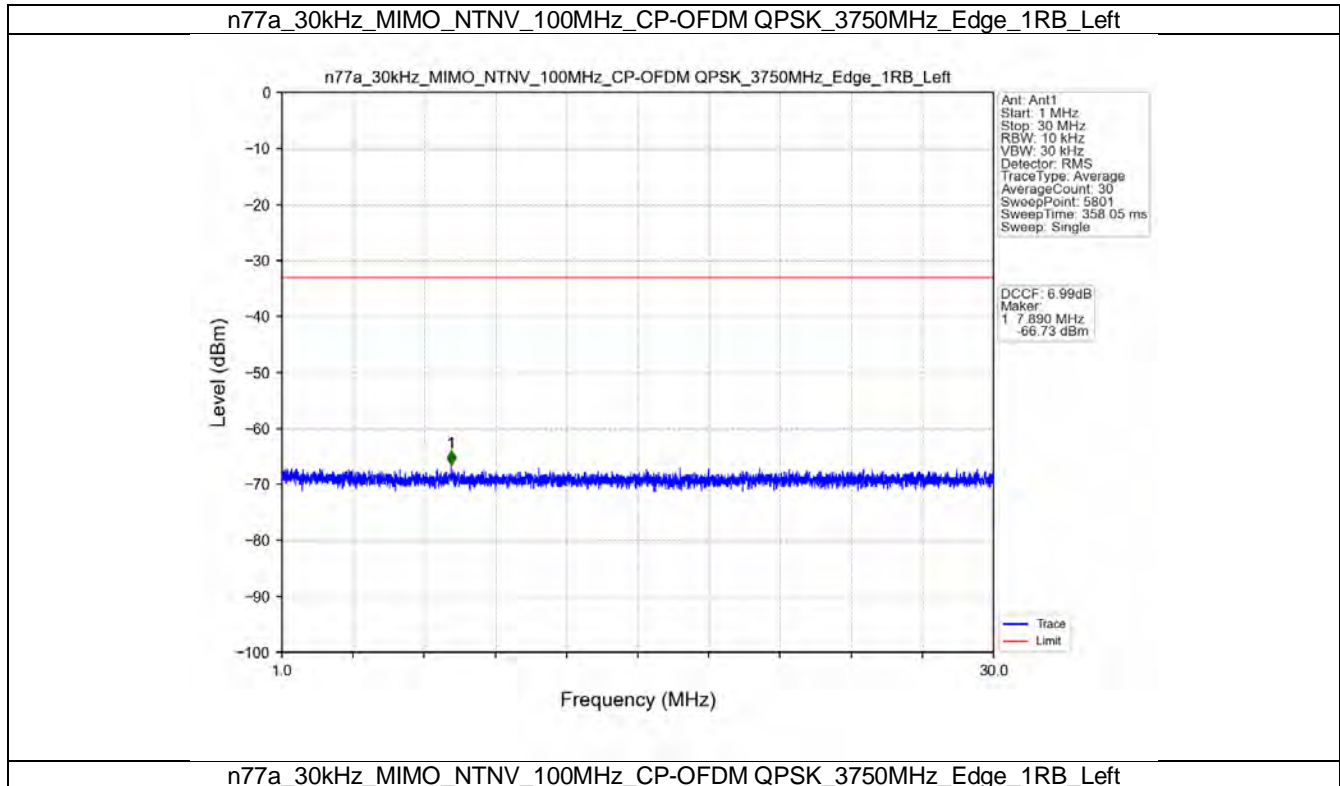


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n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



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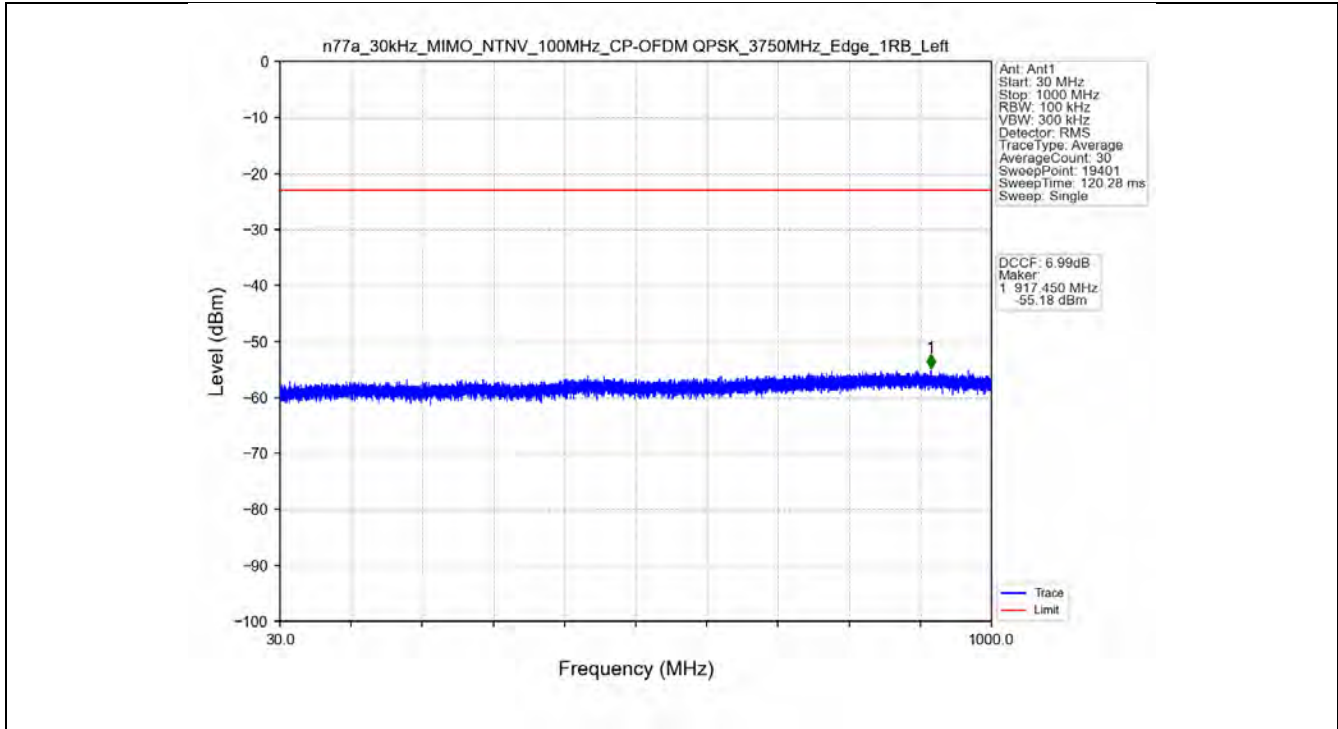


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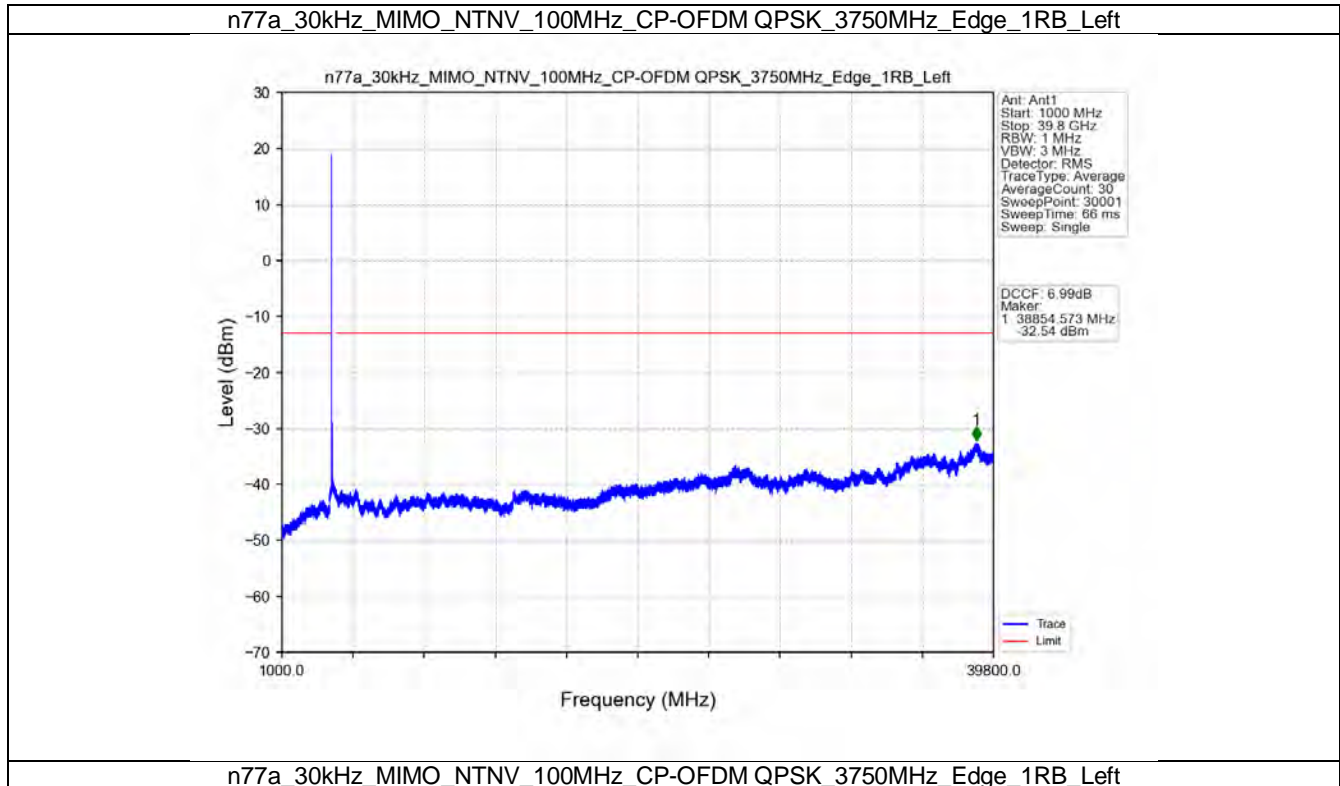


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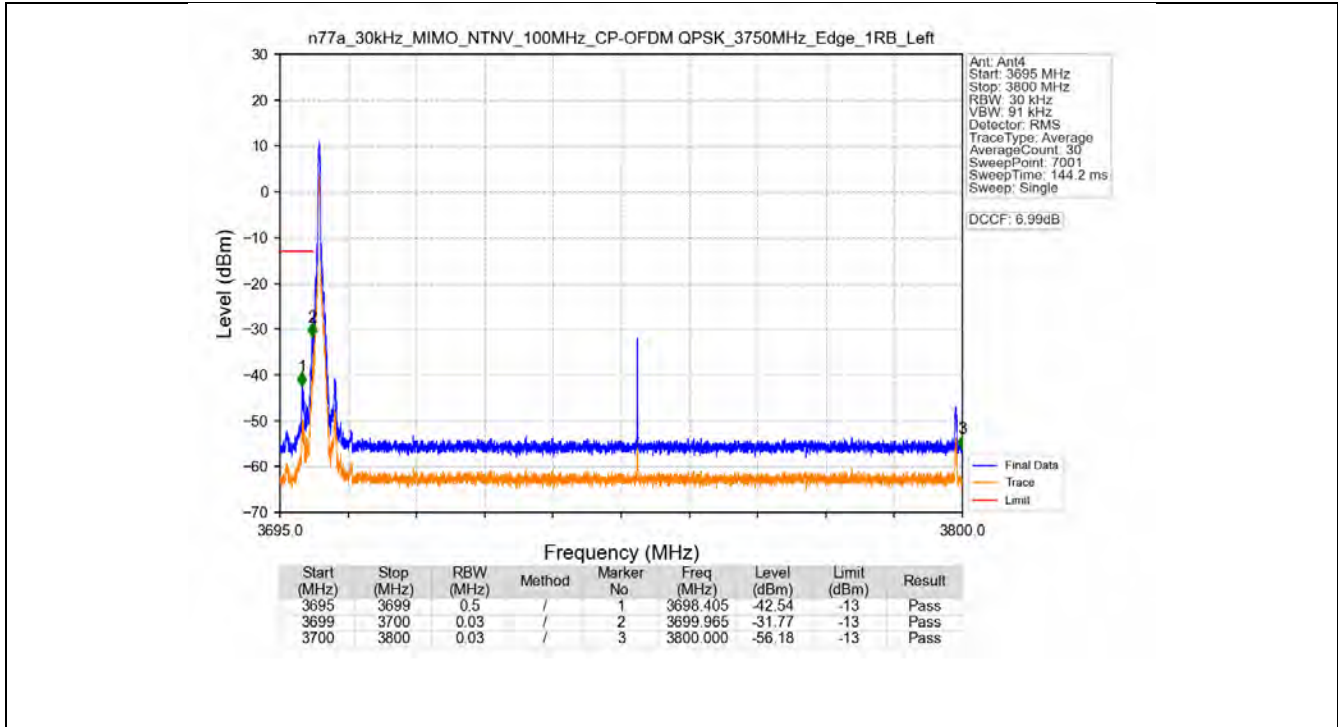


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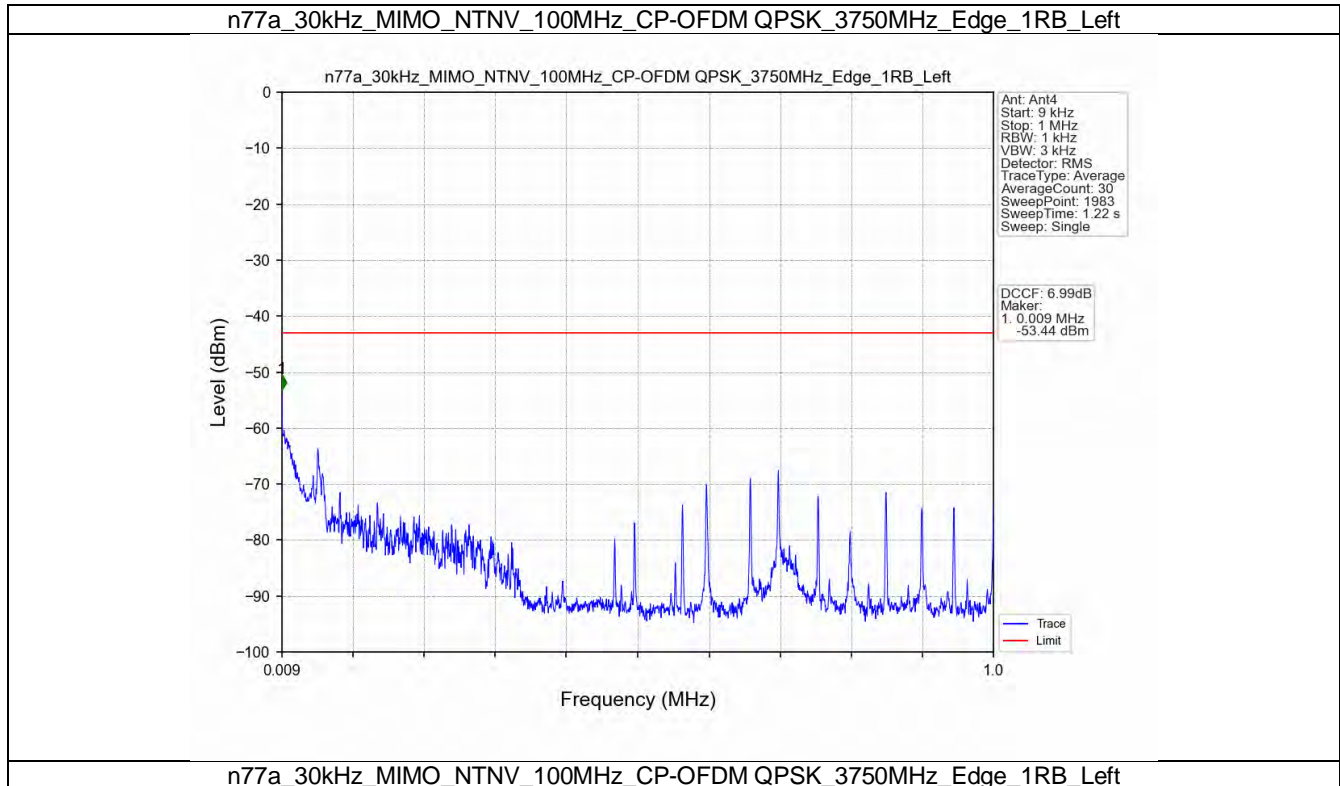


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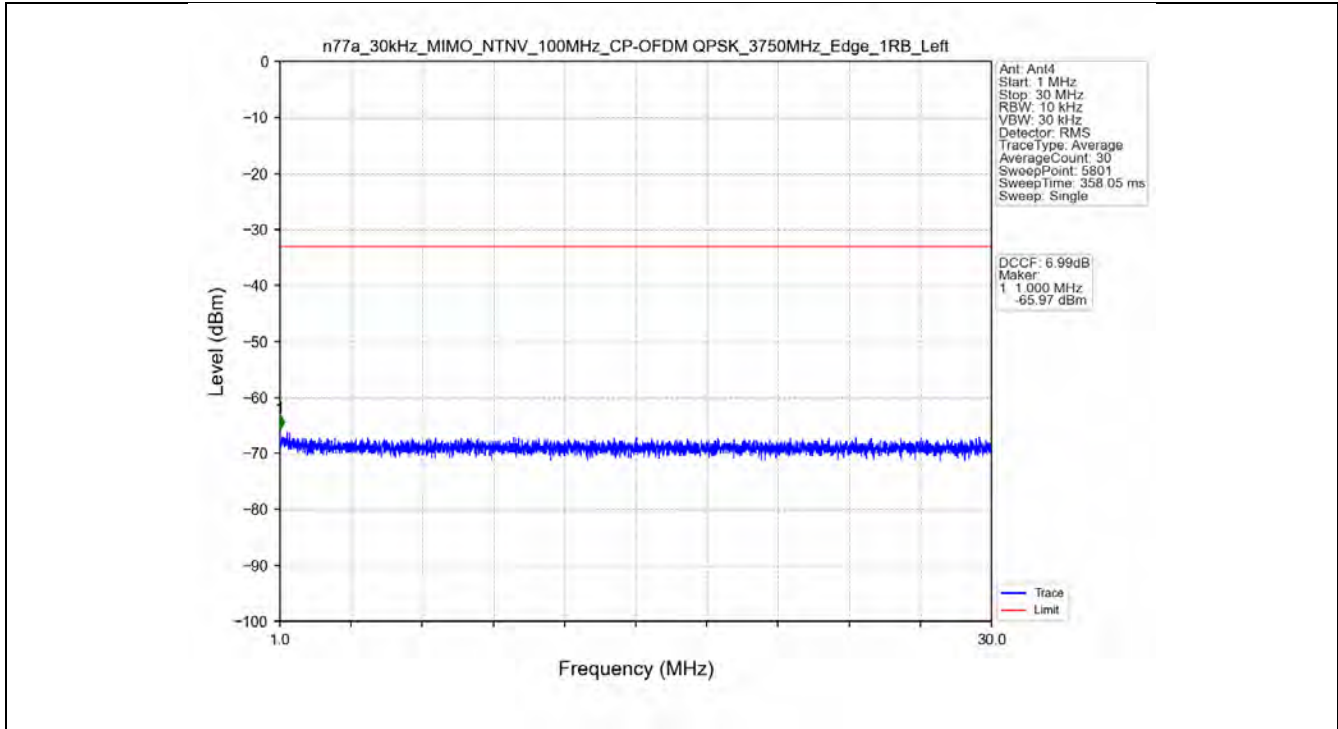


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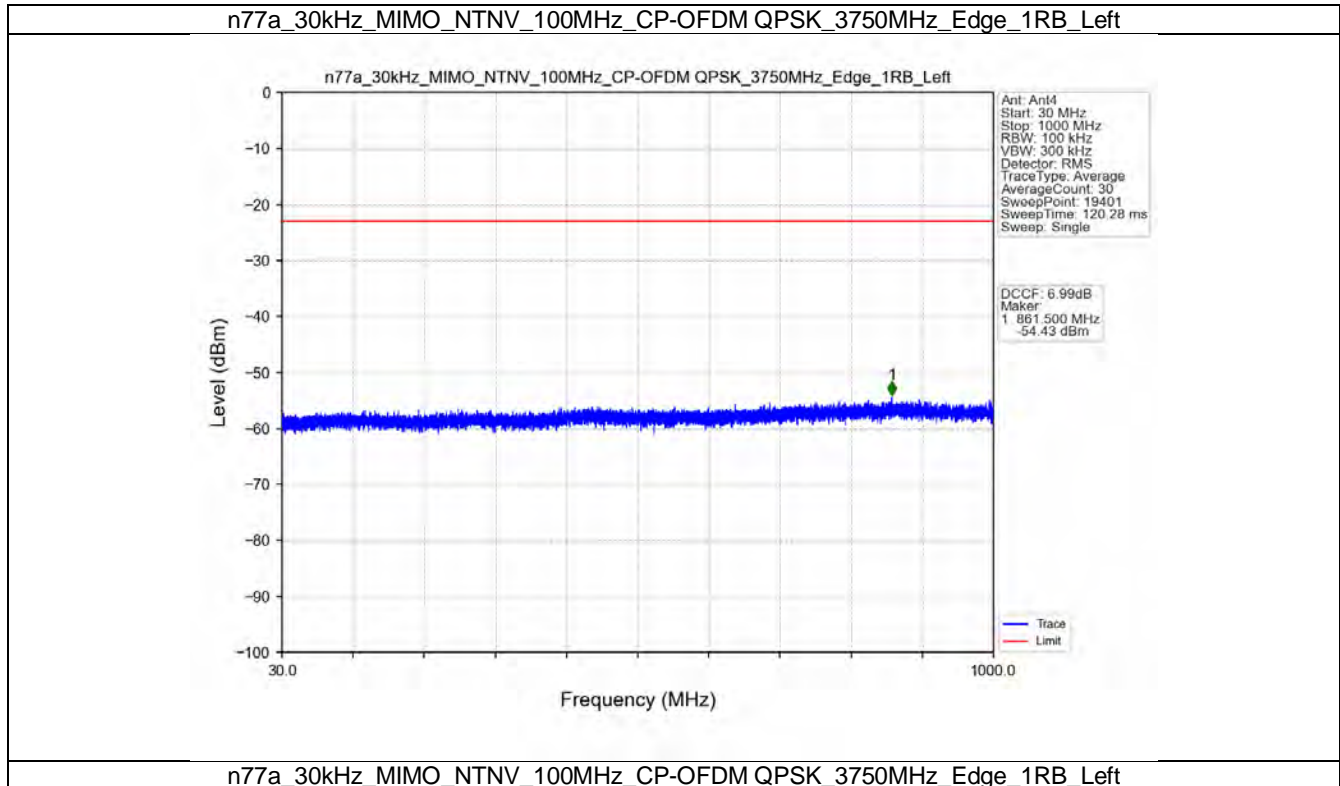


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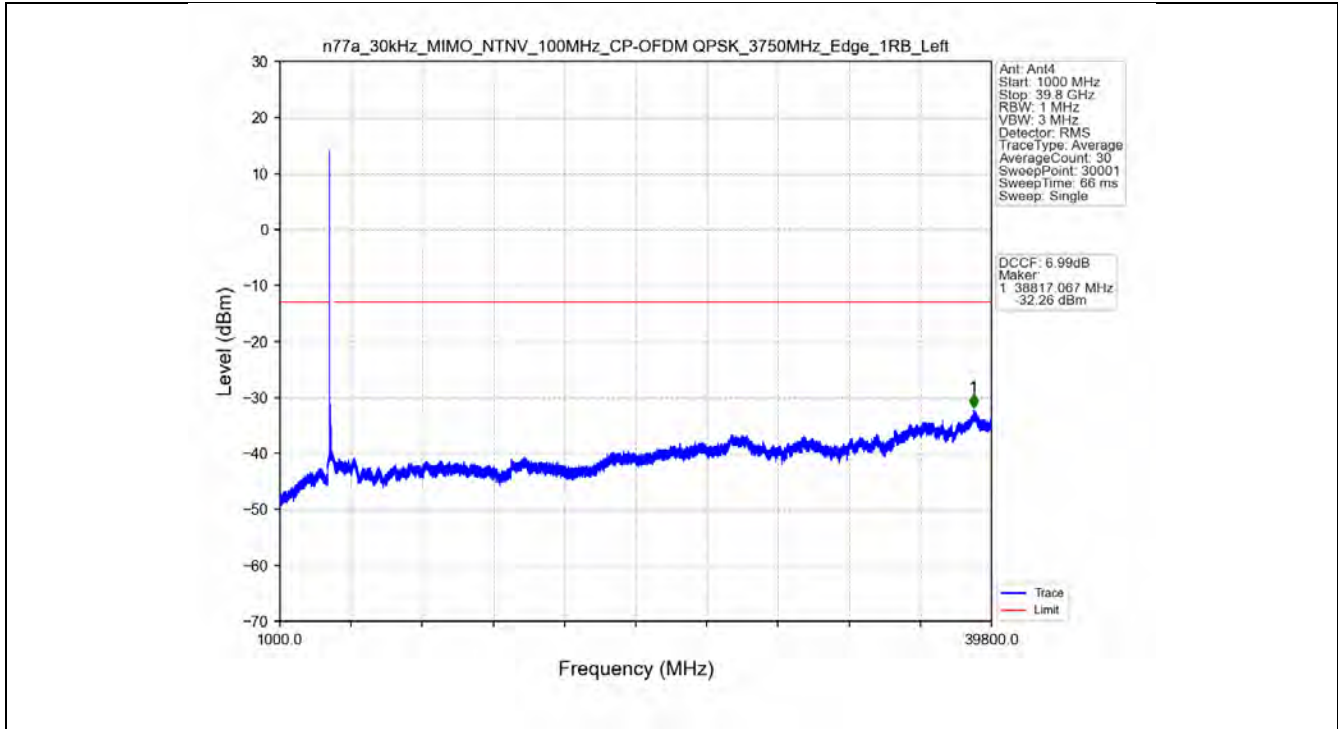


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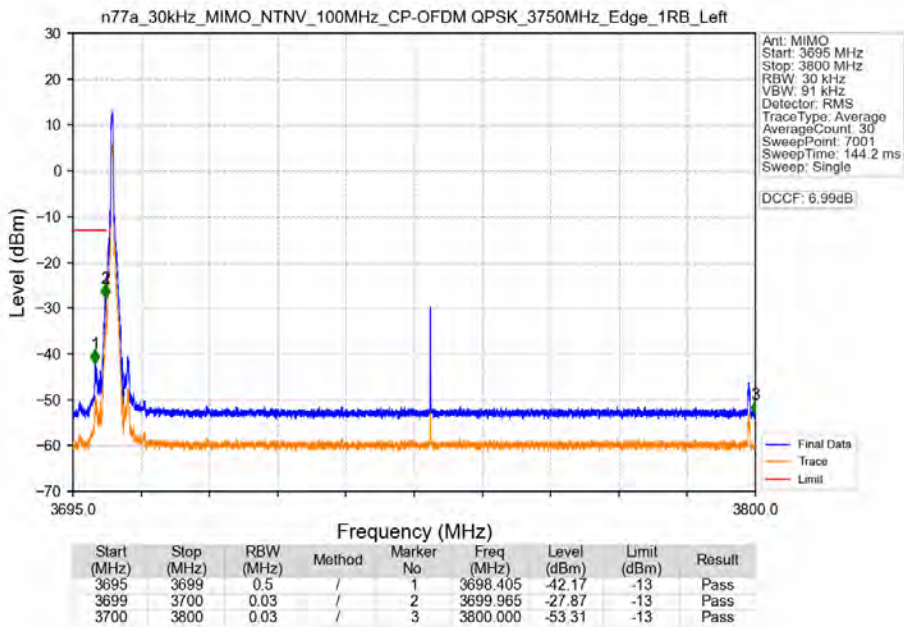




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n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



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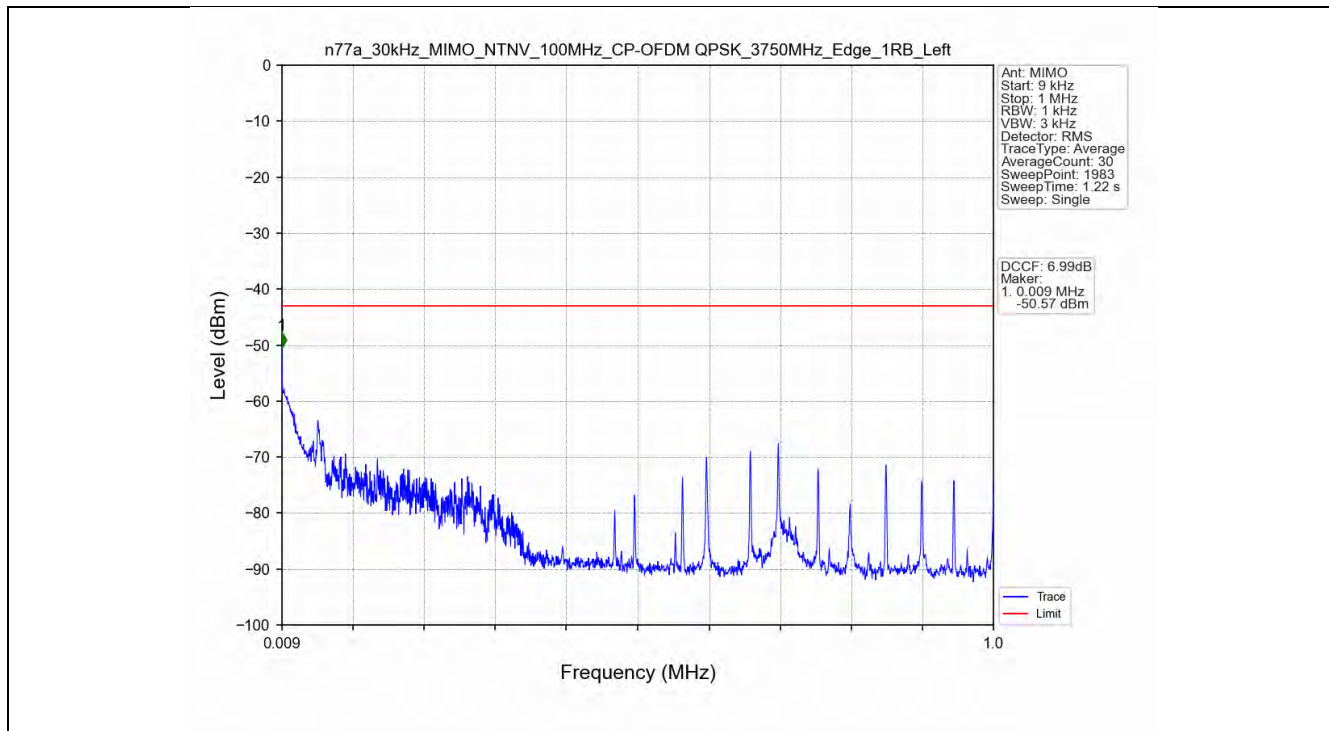
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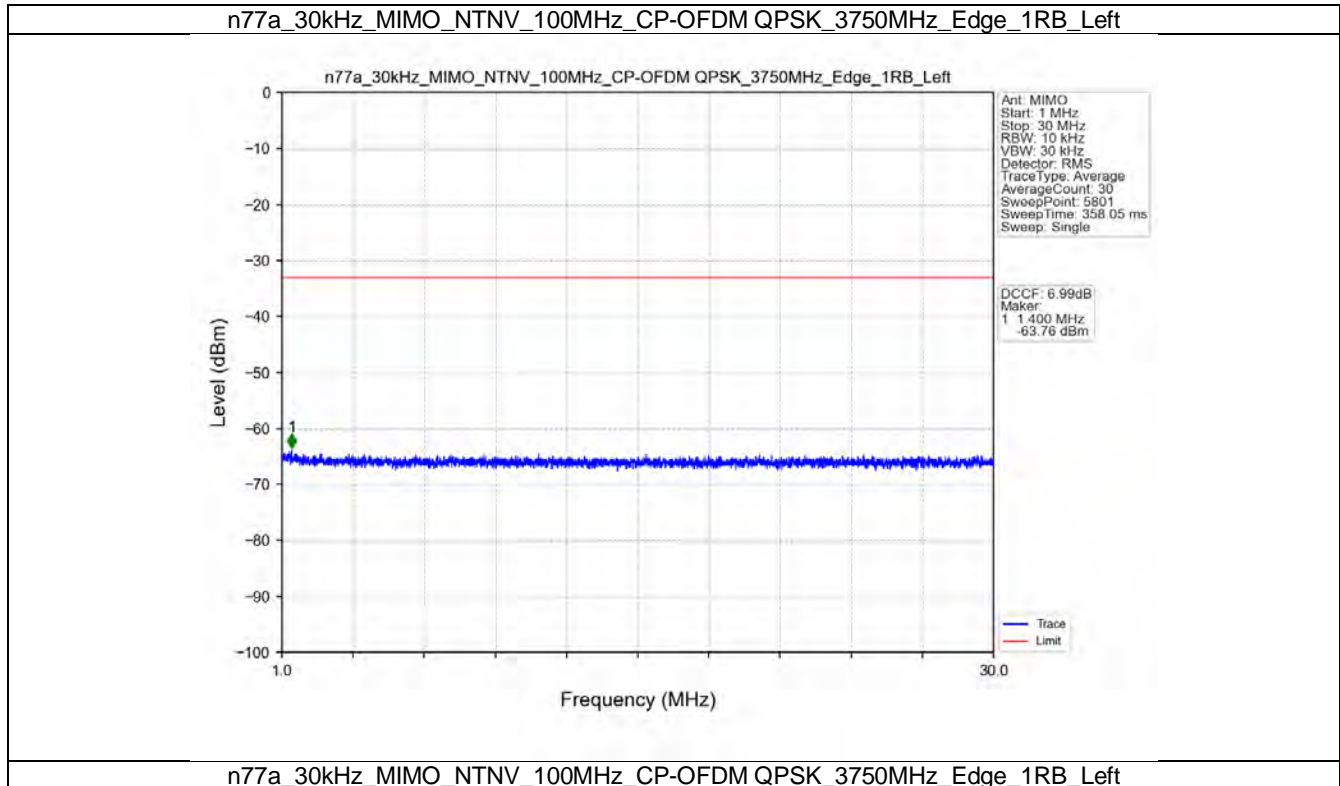


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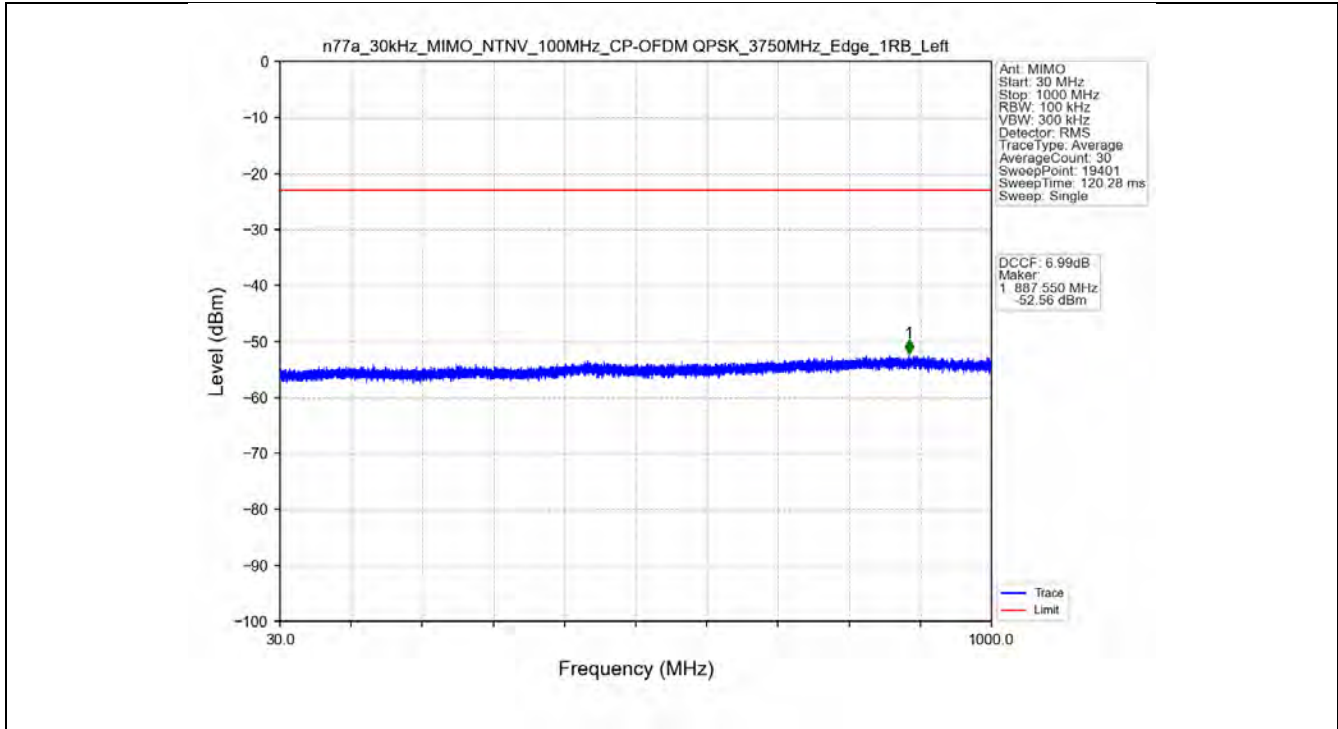


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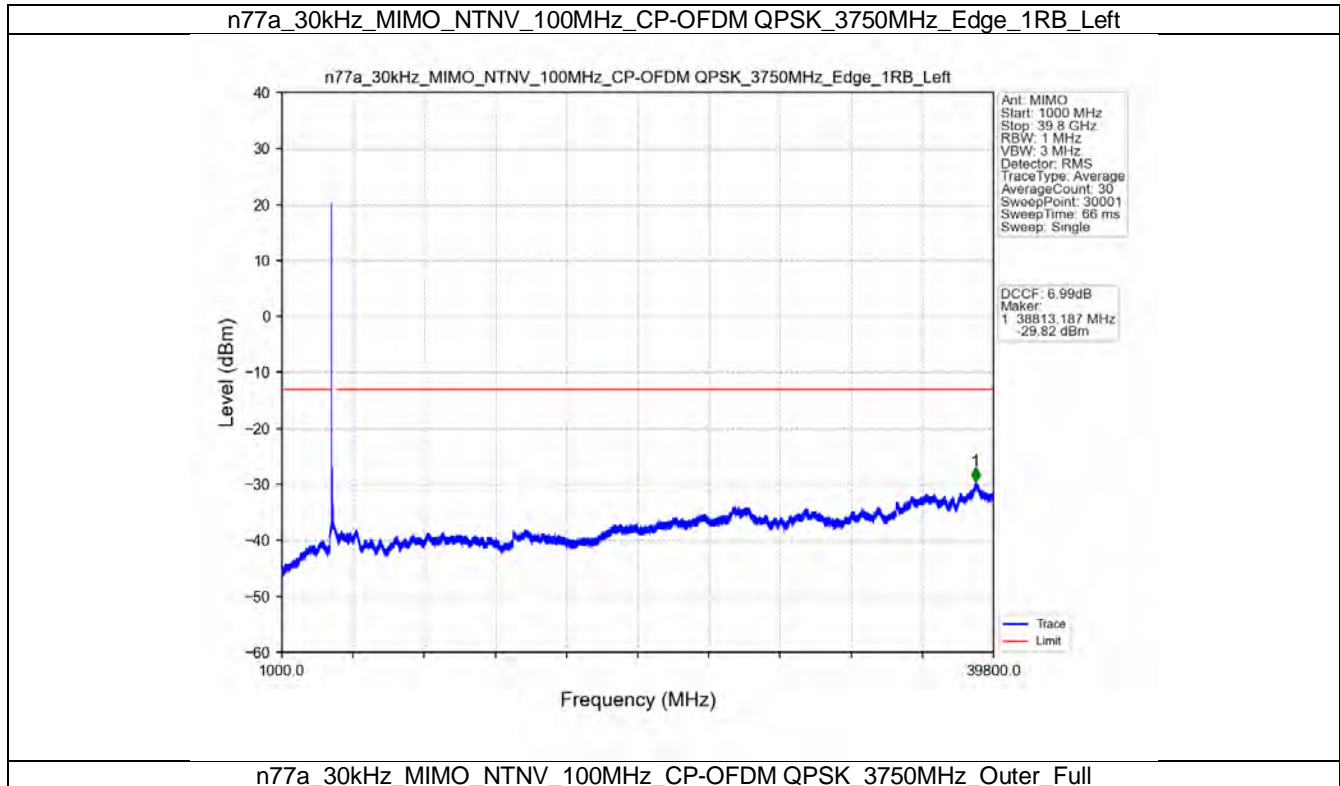


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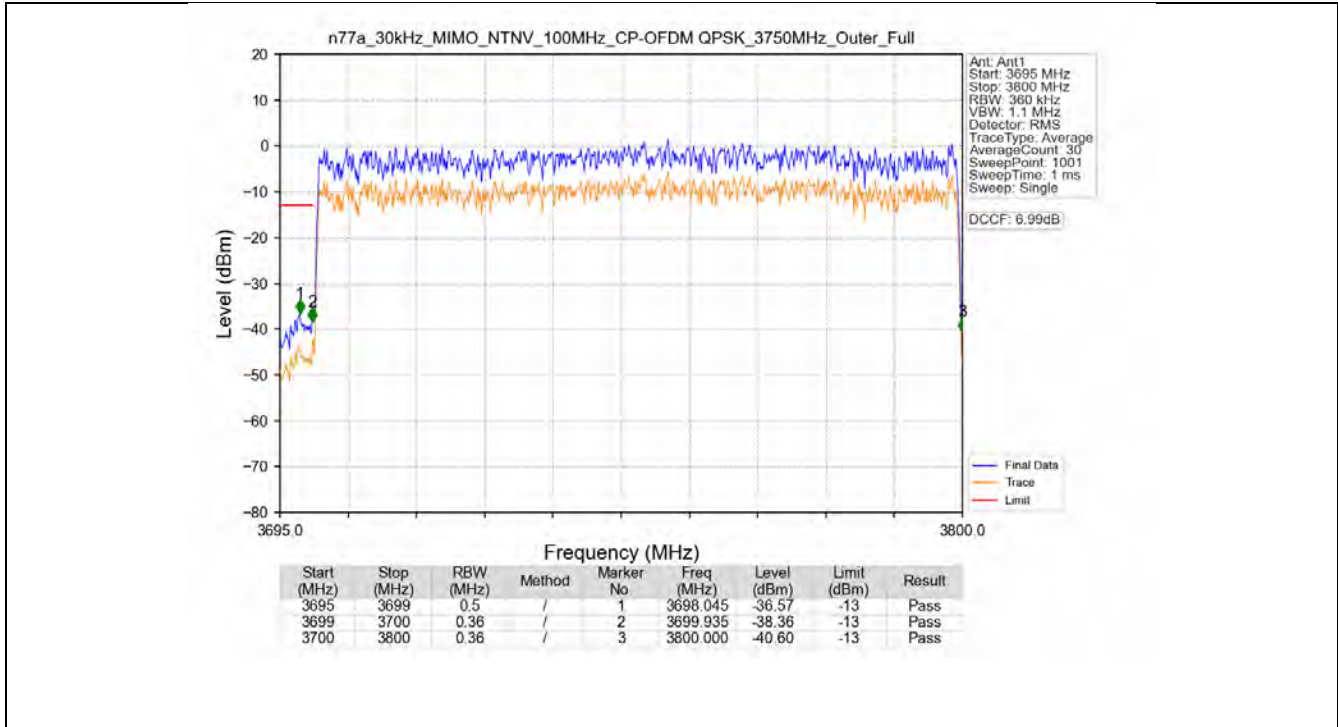


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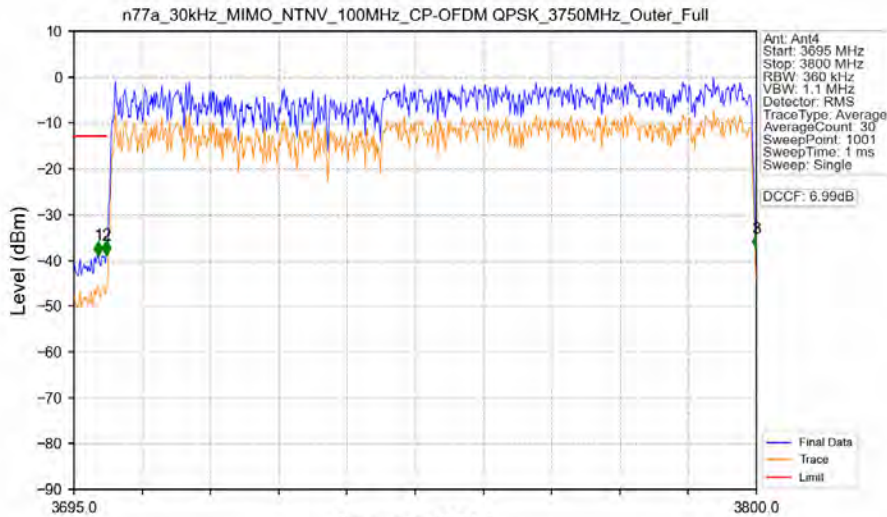
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n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3698.780	-38.95	-13	Pass
3699	3700	0.36	/	2	3699.935	-38.90	-13	Pass
3700	3800	0.36	/	3	3800.000	-37.46	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Outer\_Full



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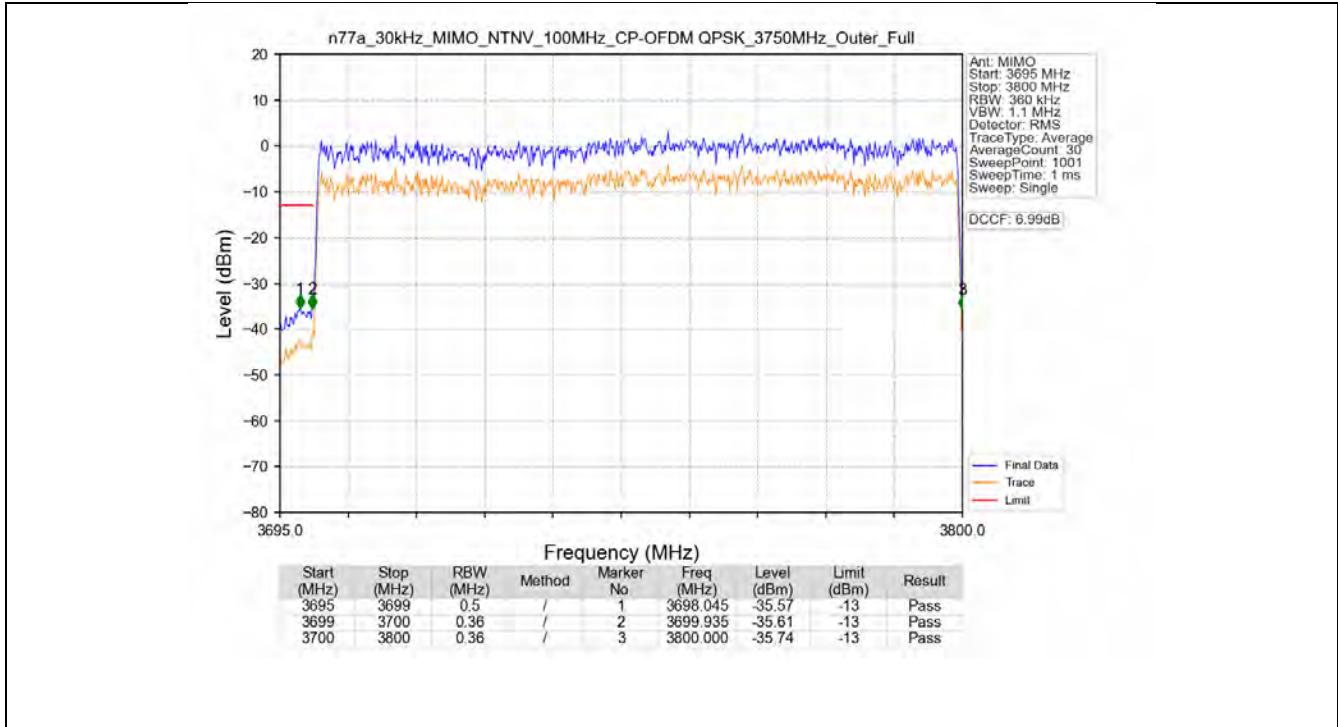


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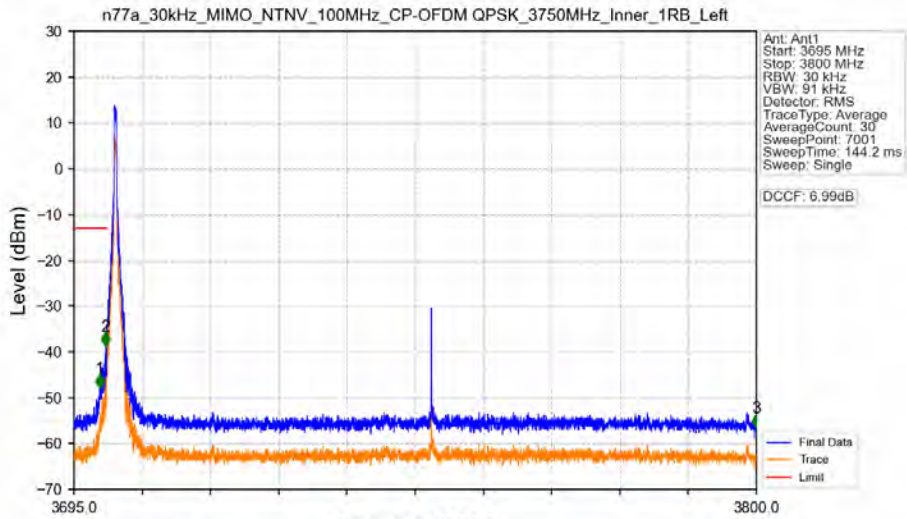
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n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3698.960	-48.03	-13	Pass
3699	3700	0.03	/	2	3699.890	-38.75	-13	Pass
3700	3800	0.03	/	3	3800.000	-56.60	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Inner\_1RB\_Left



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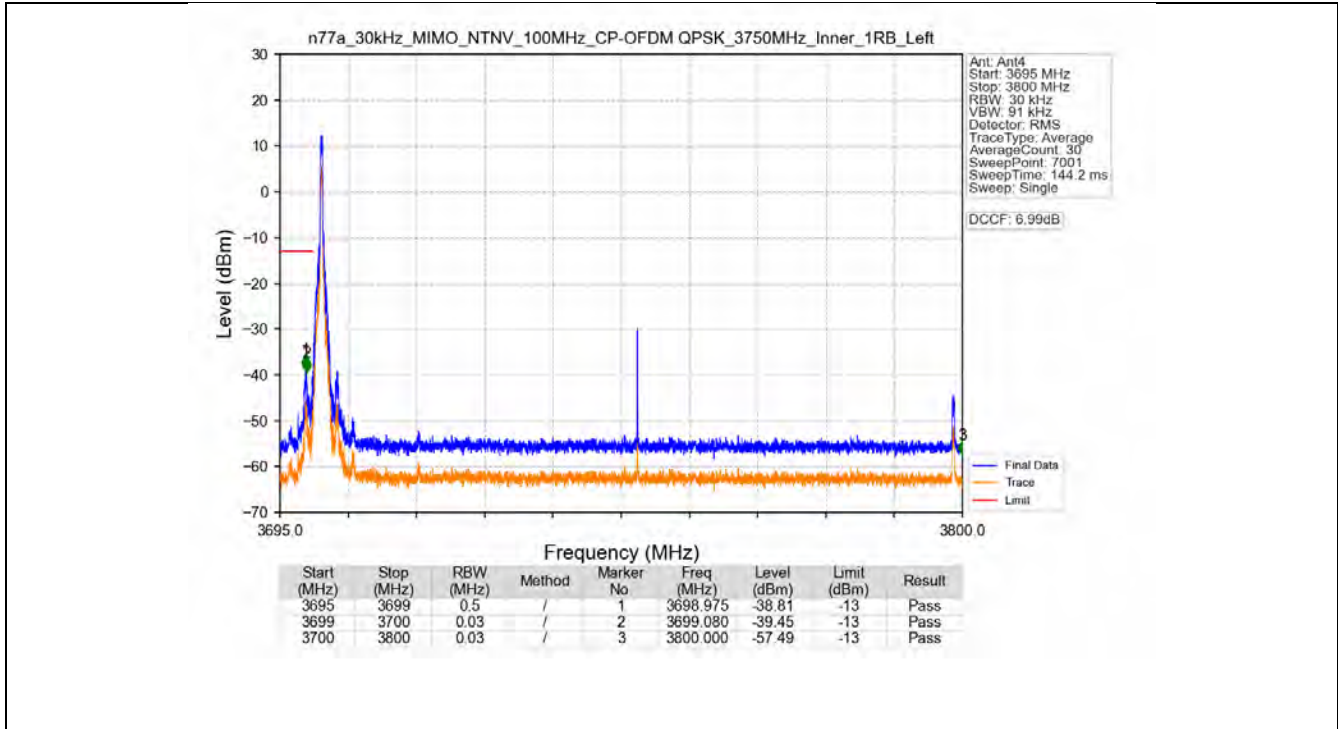


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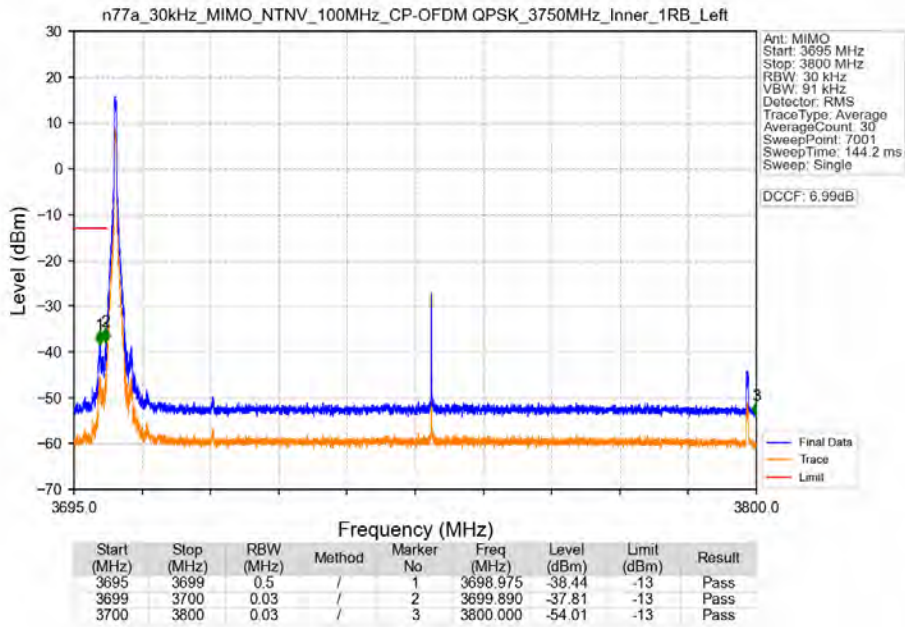
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n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM QPSK\_3750MHz\_Inner\_1RB\_Left



n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM QPSK\_3930MHz\_Edge\_1RB\_Right



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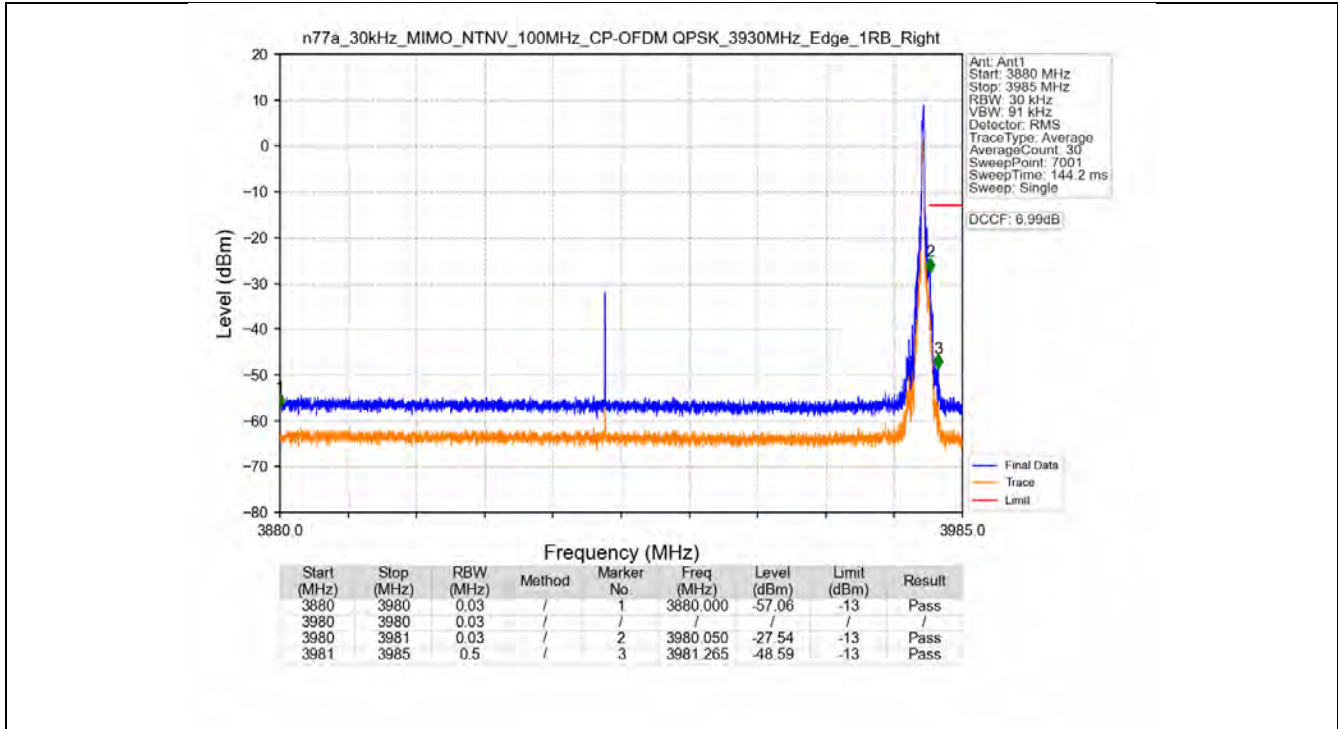


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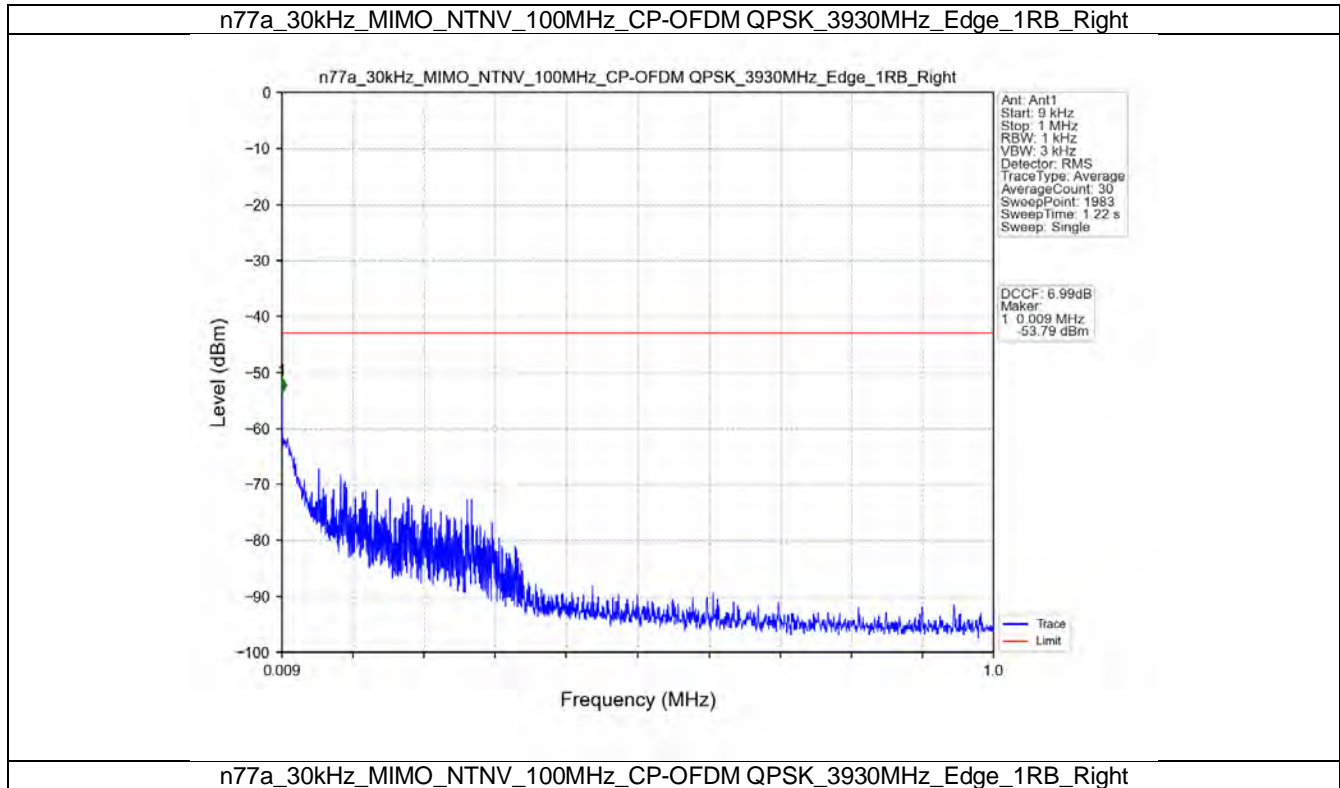


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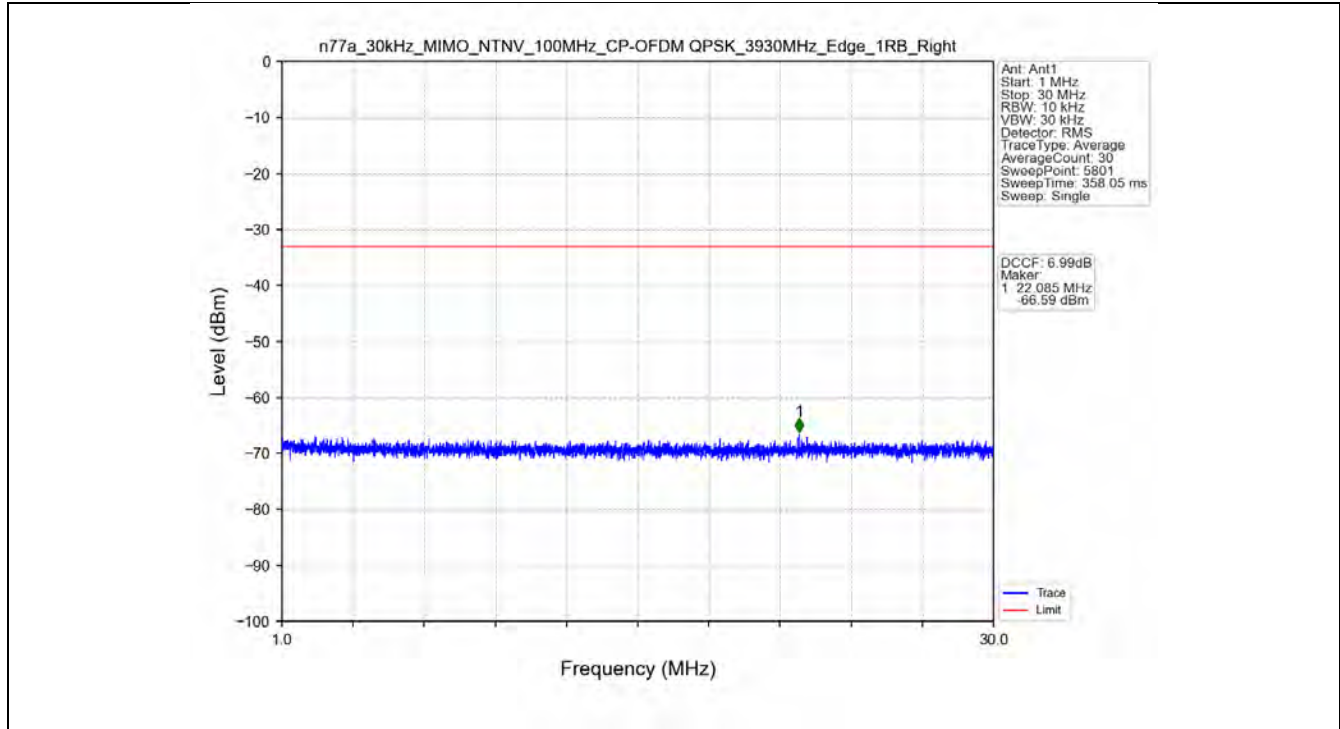


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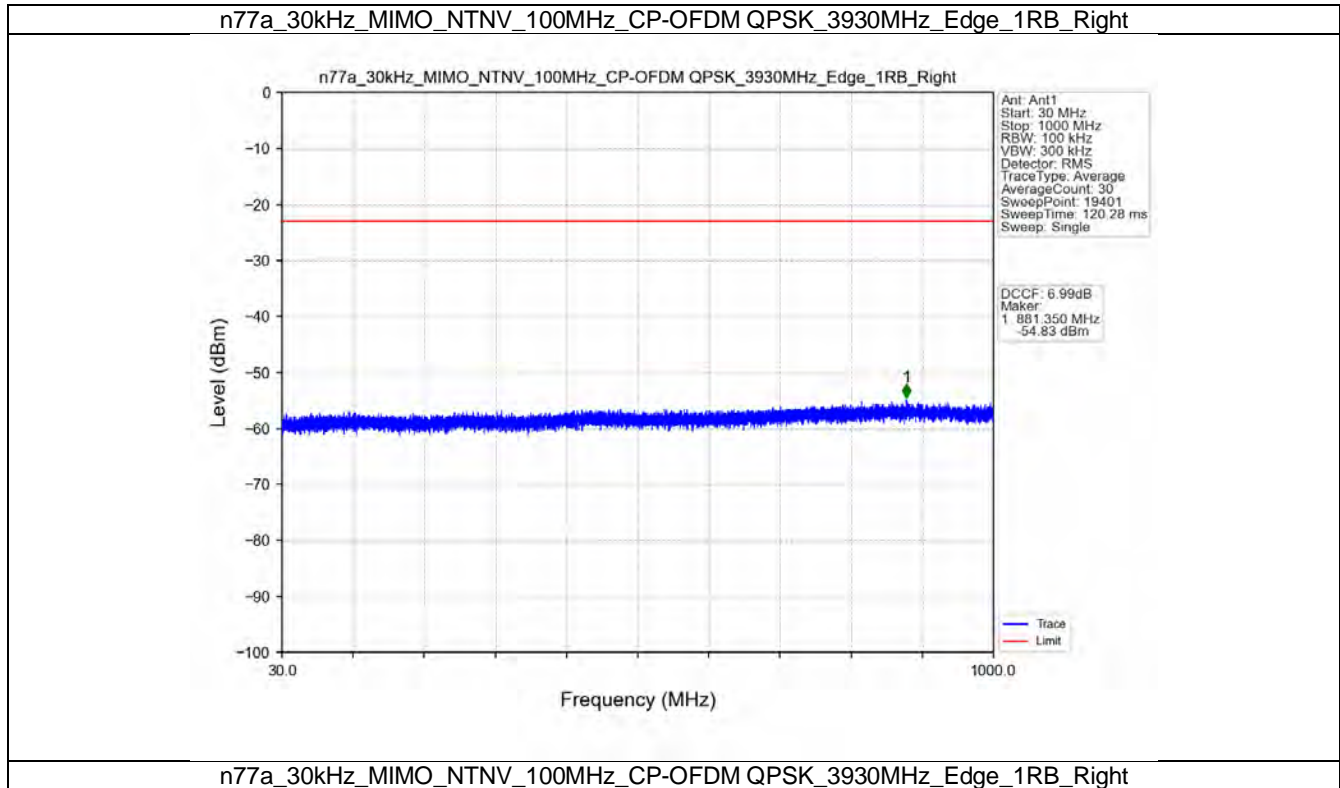


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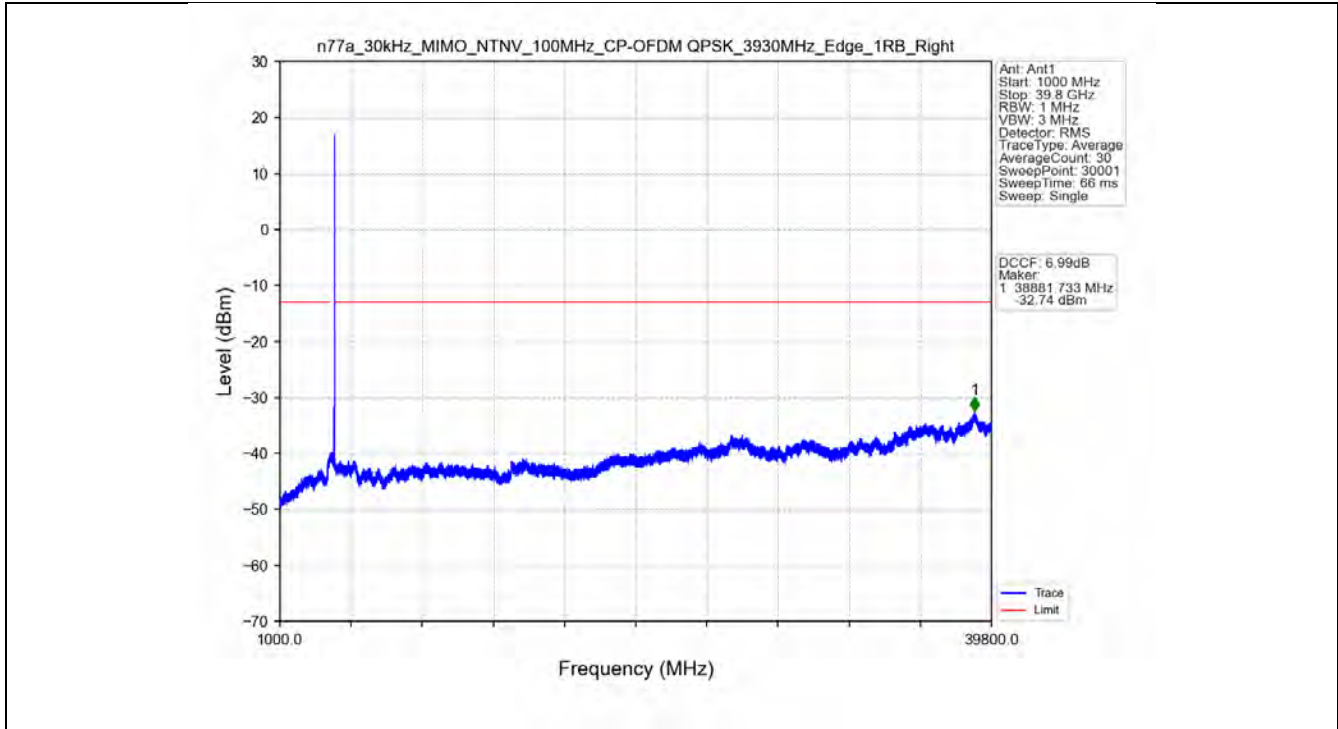


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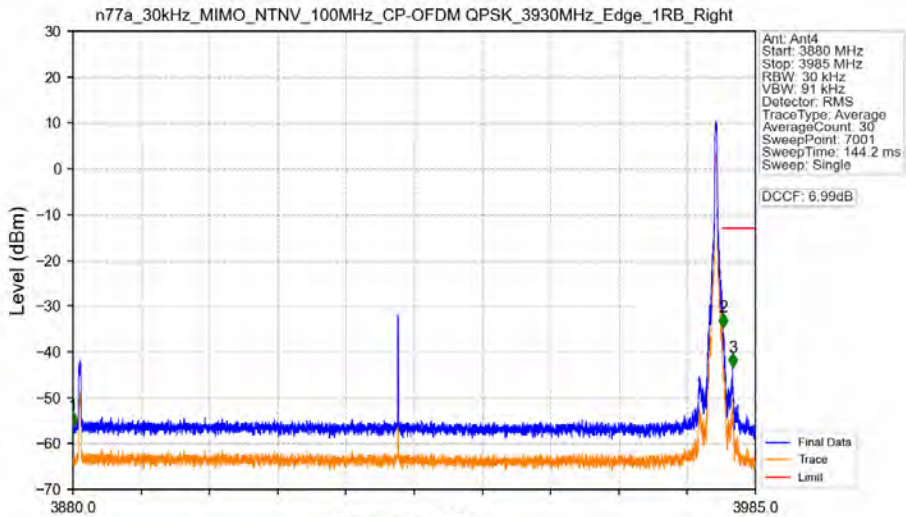
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n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.03	/	1	3880.000	-56.15	-13	Pass
3980	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	2	3980.005	-34.66	-13	Pass
3981	3985	0.5	/	3	3981.475	-43.35	-13	Pass

n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



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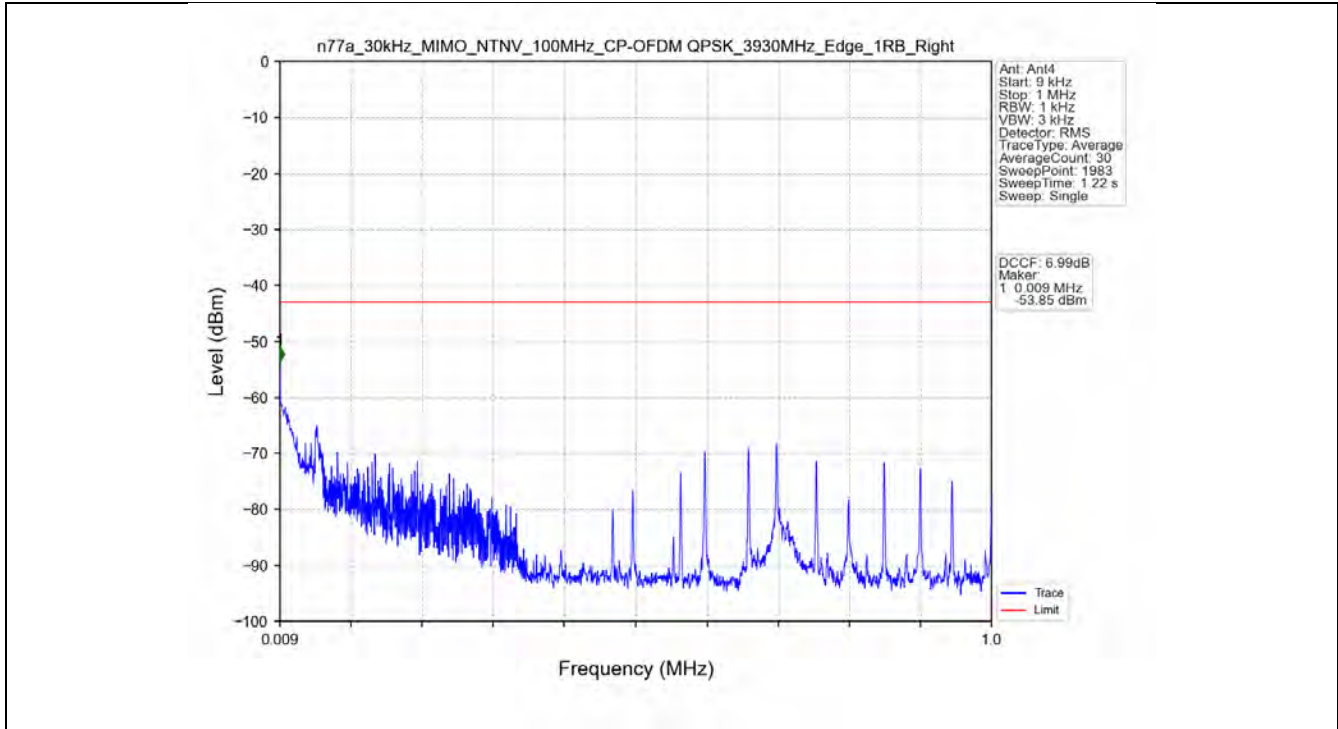


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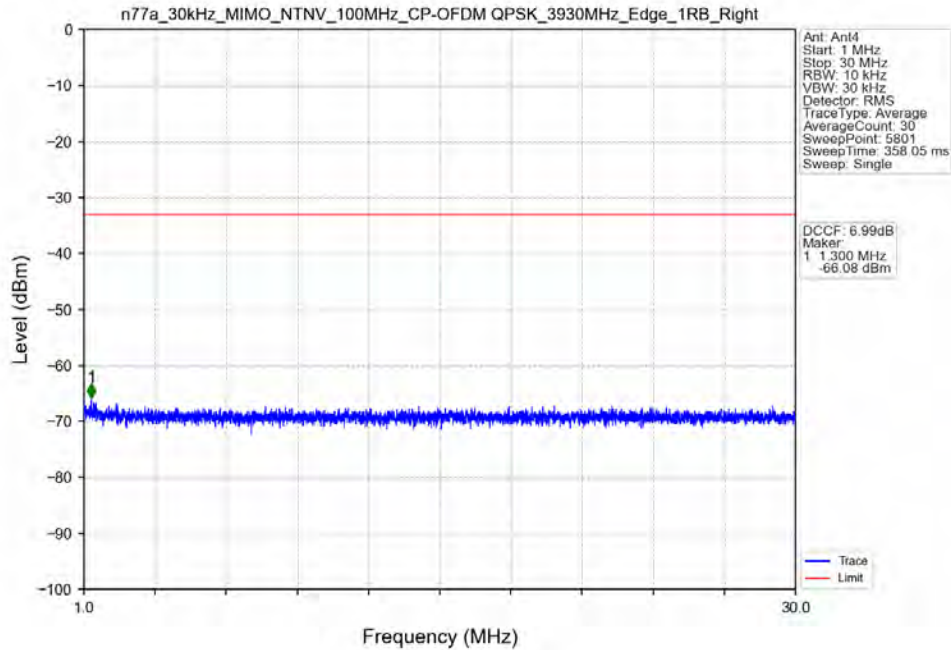
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n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



n77a\_30kHz\_MIMO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



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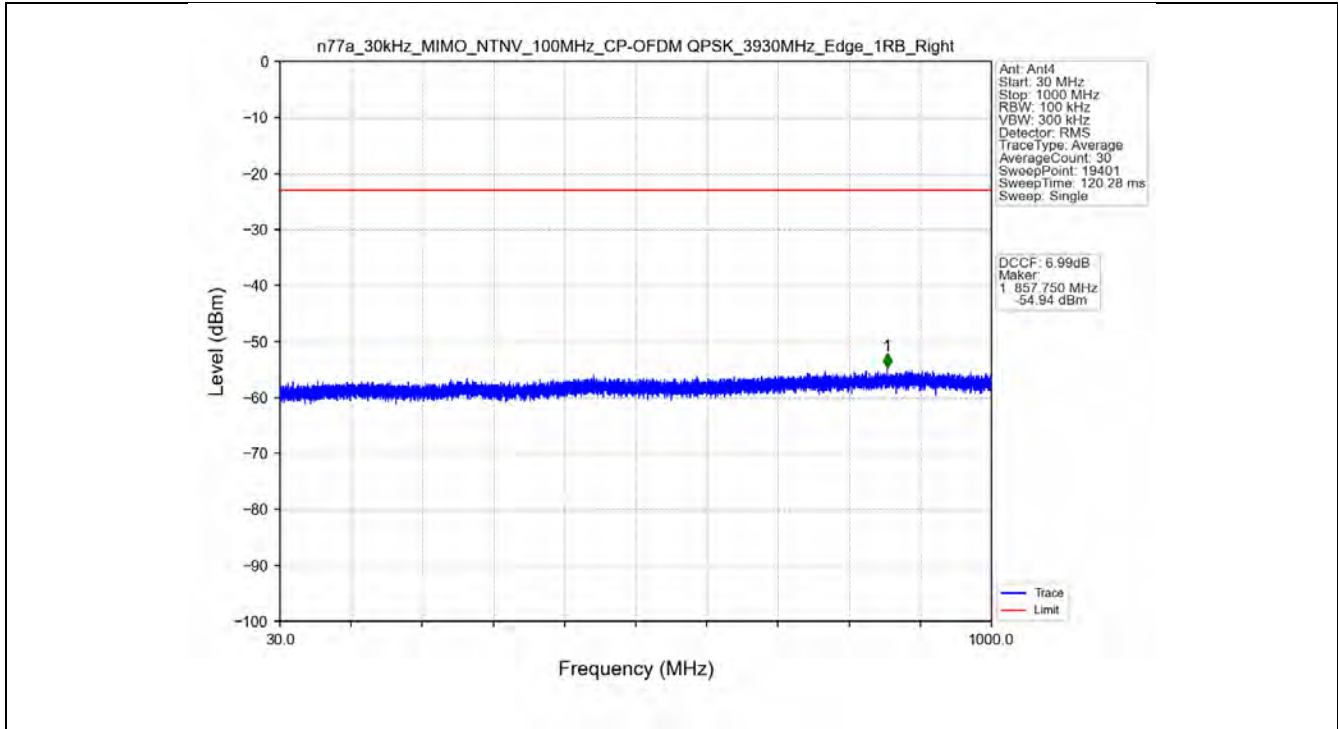


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