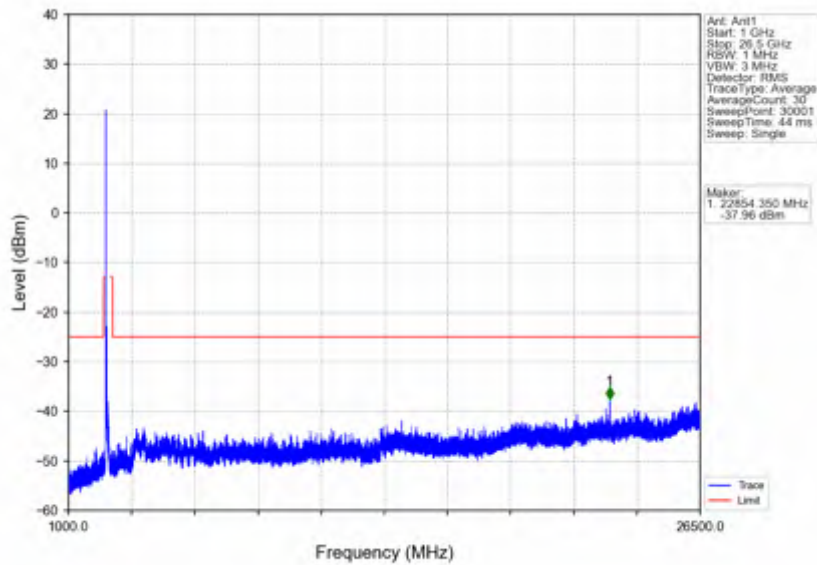
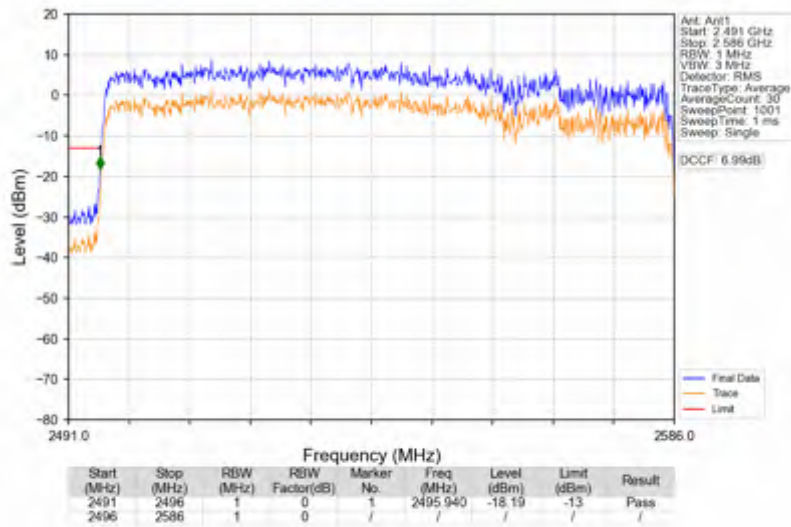


n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Edge\_1RB\_Left



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Outer\_Full



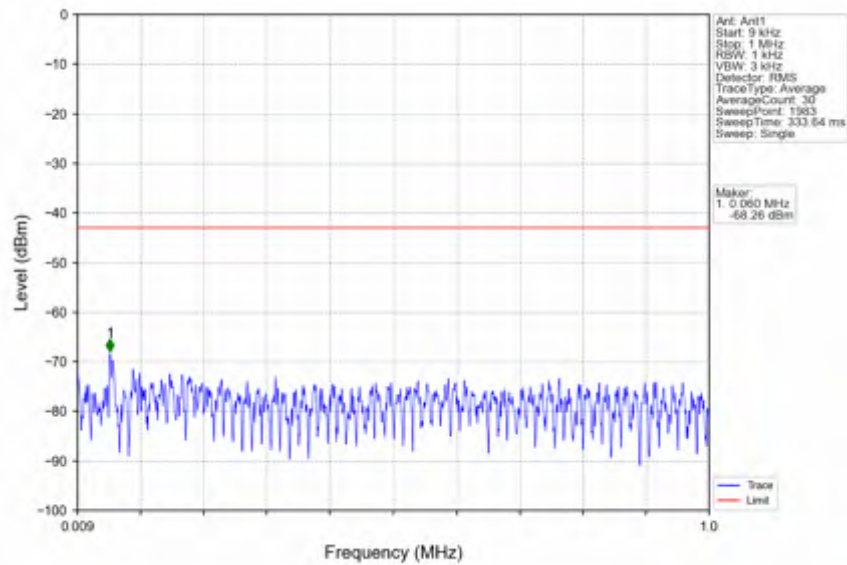
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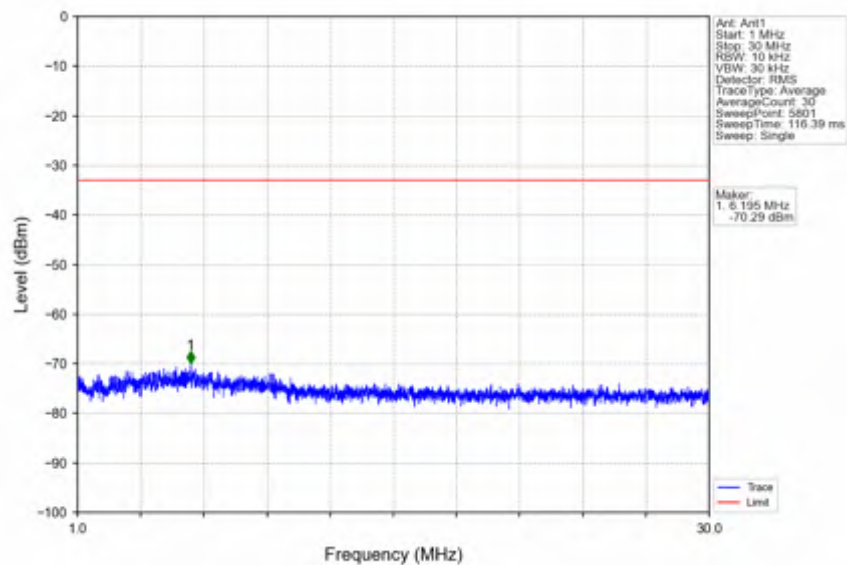
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Outer\_Full



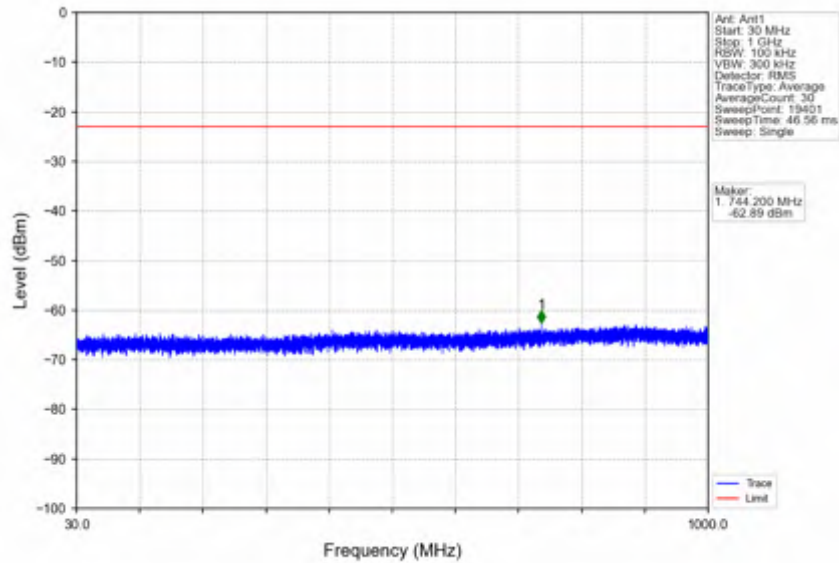
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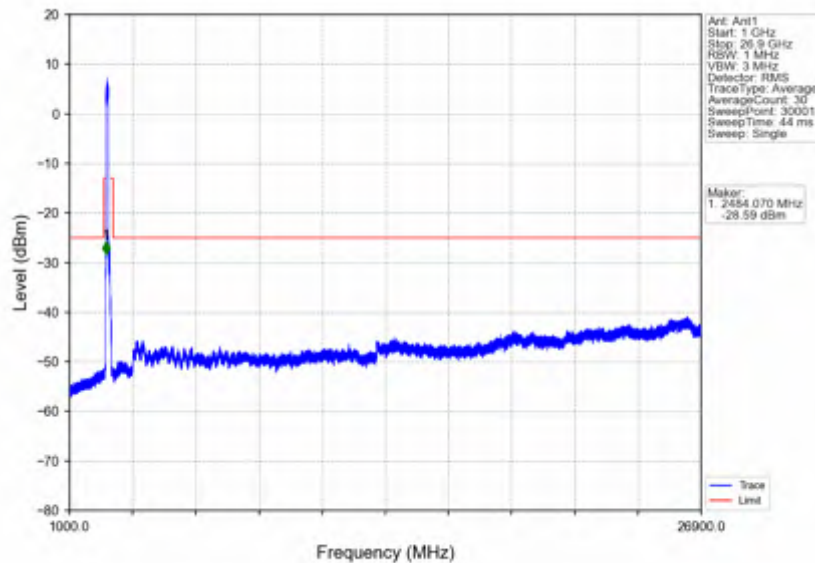
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Outer\_Full



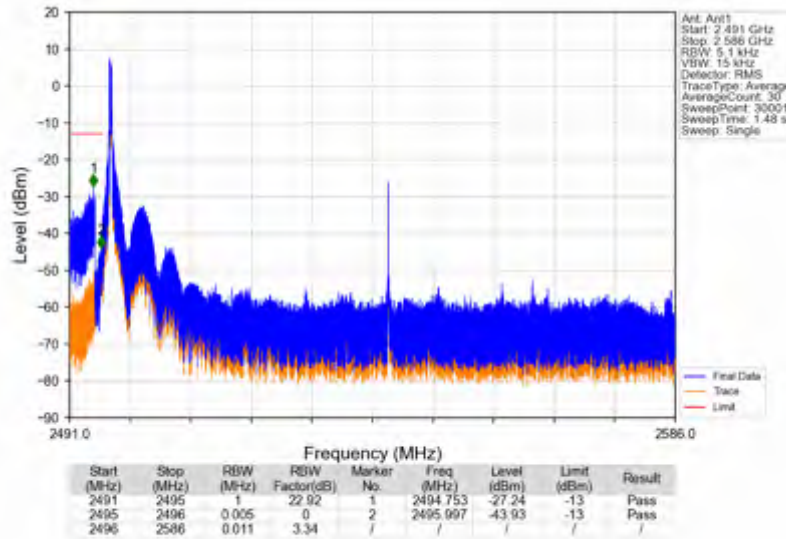
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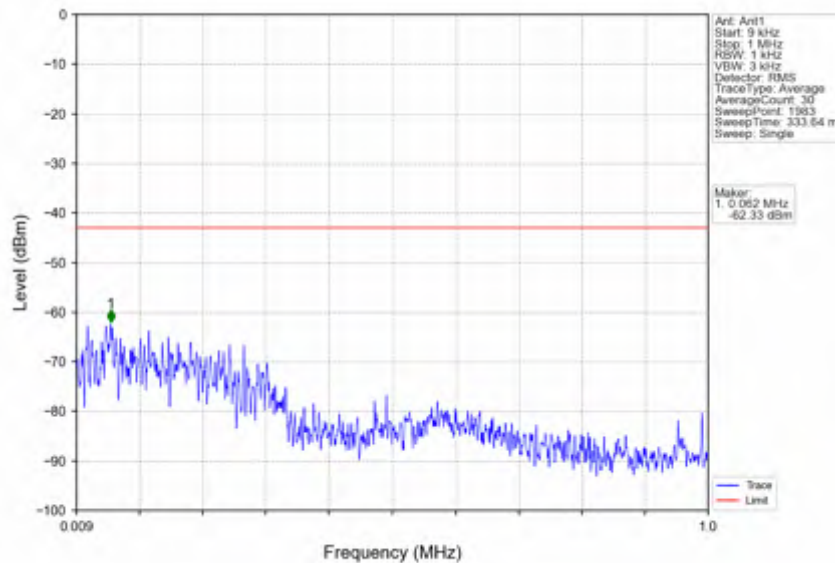
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Inner\_1RB\_Left



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Inner\_1RB\_Left

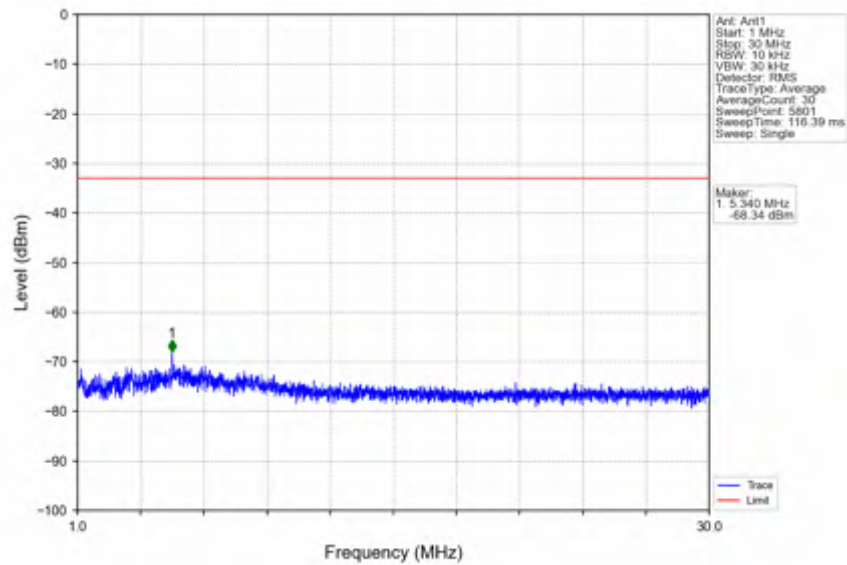


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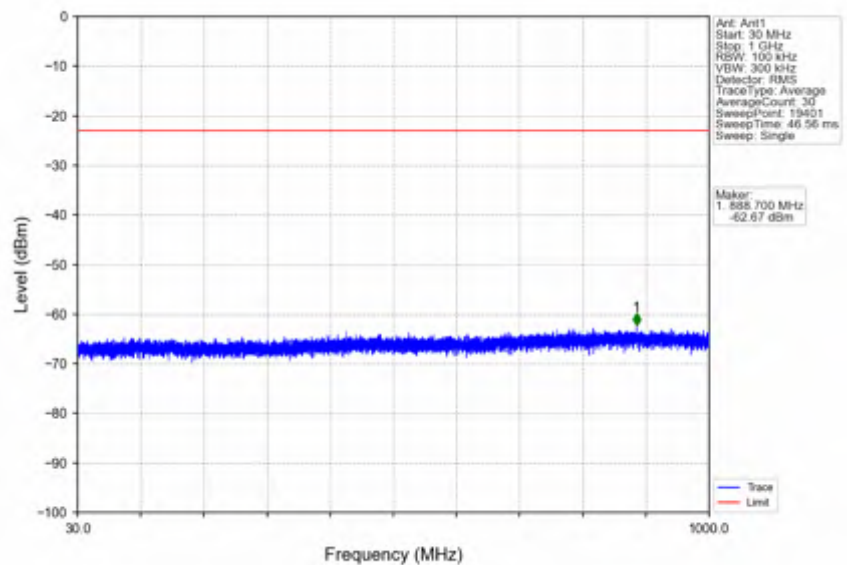
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Inner\_1RB\_Left



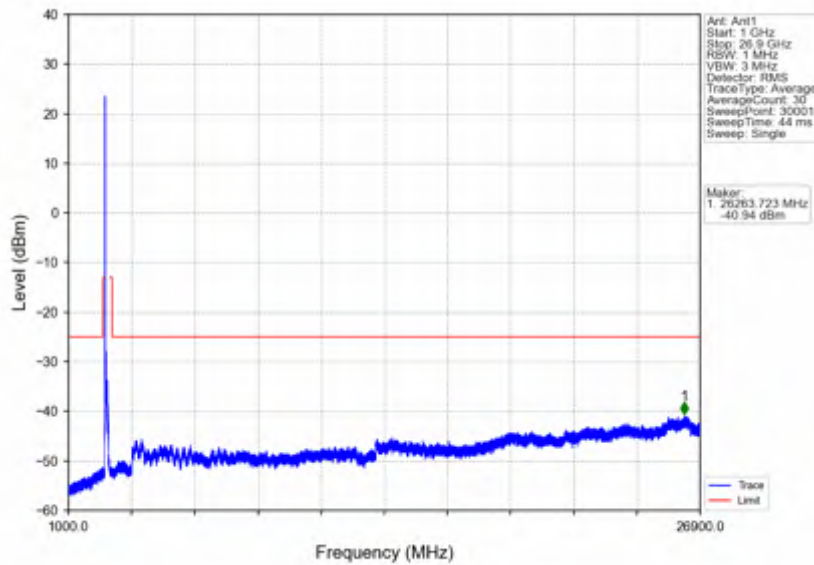
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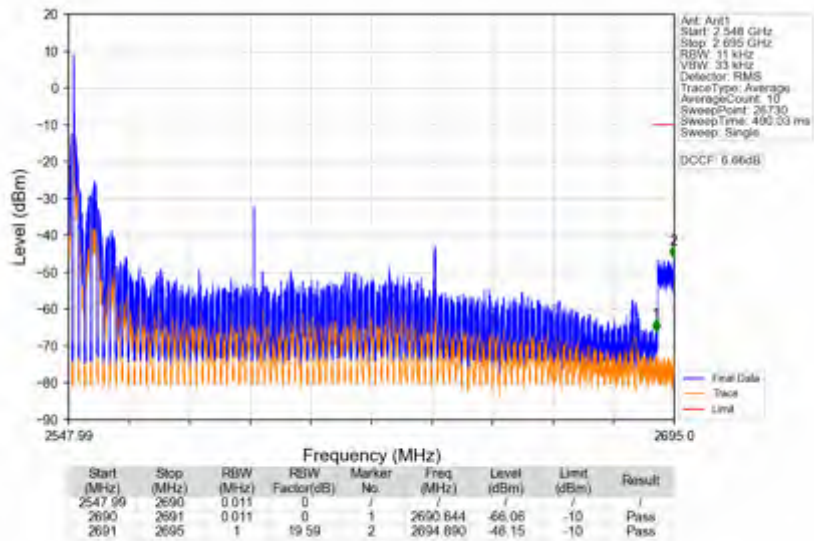
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2541MHz\_Inner\_1RB\_Left



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2592.99MHz\_Edge\_1RB\_Left



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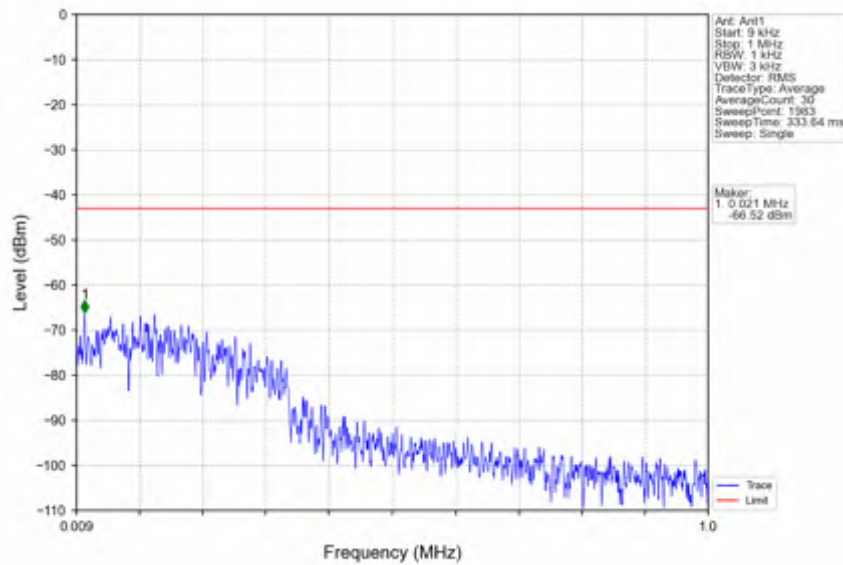
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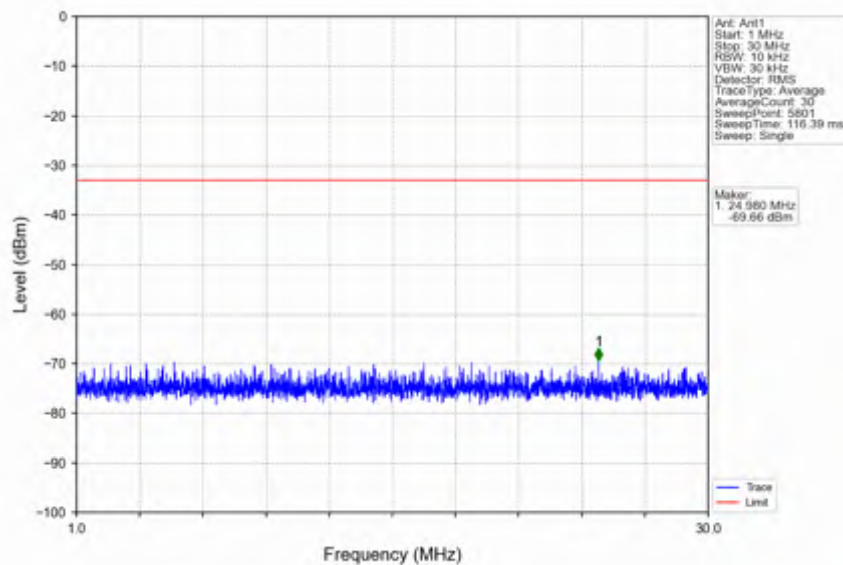
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2592.99MHz\_Edge\_1RB\_Left



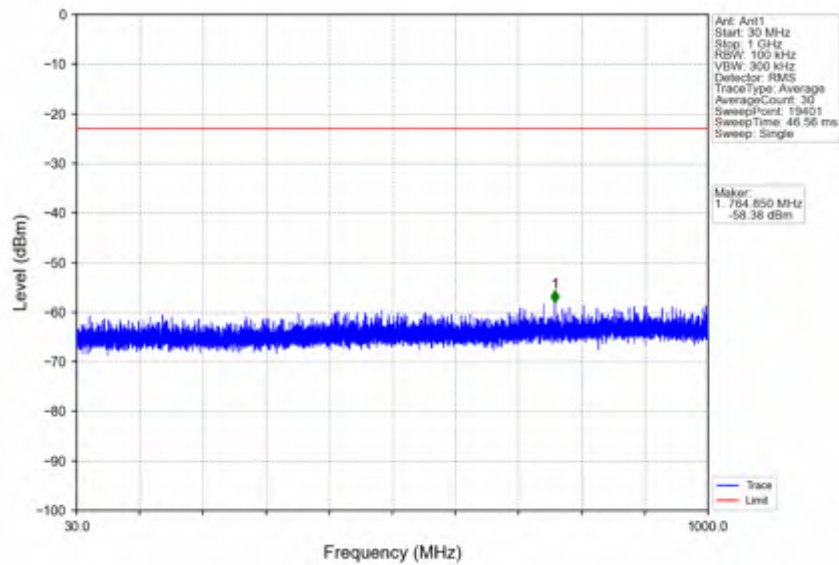
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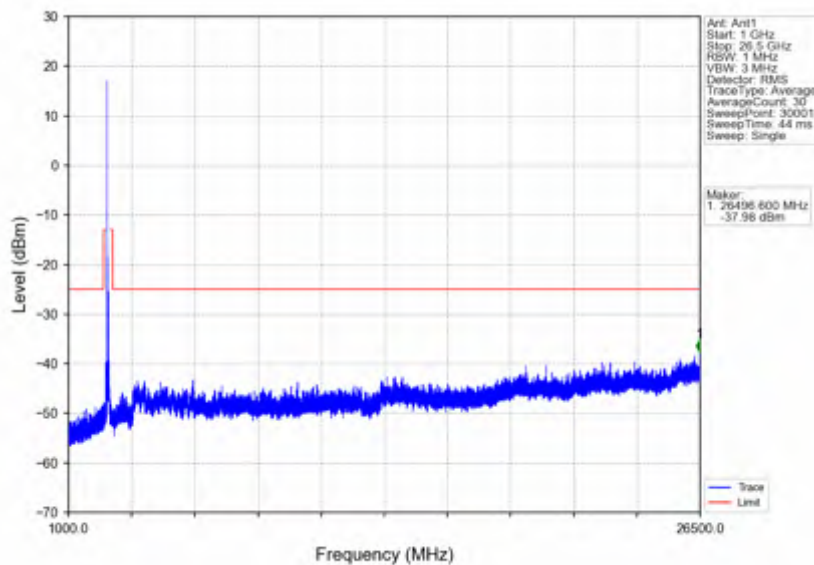
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2592.99MHz\_Edge\_1RB\_Left



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2592.99MHz\_Edge\_1RB\_Left



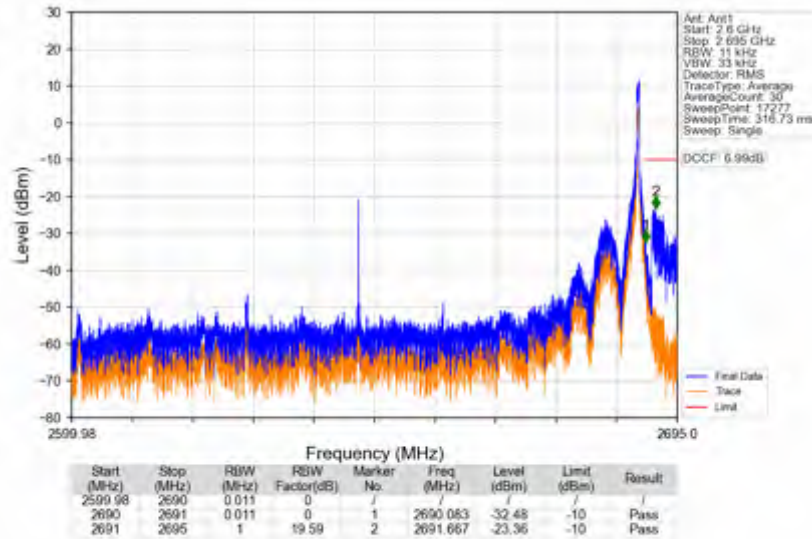
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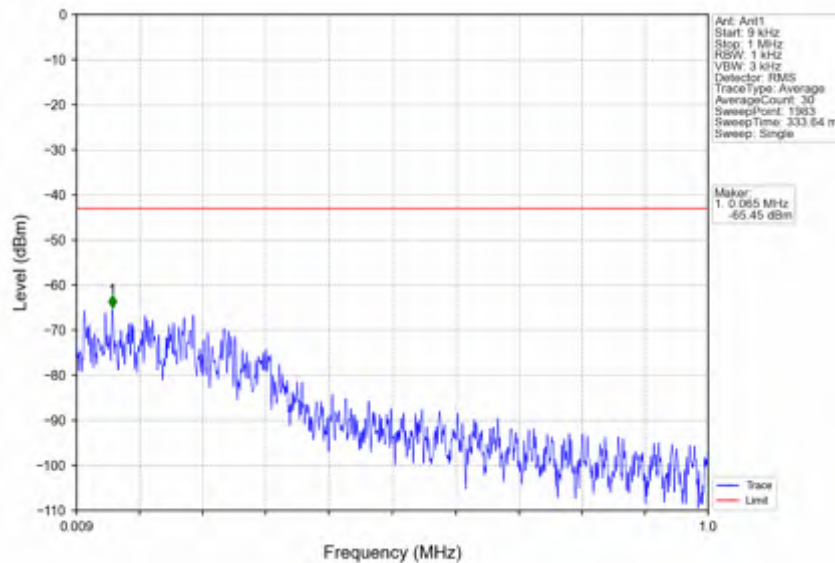
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Edge\_1RB\_Right



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Edge\_1RB\_Right

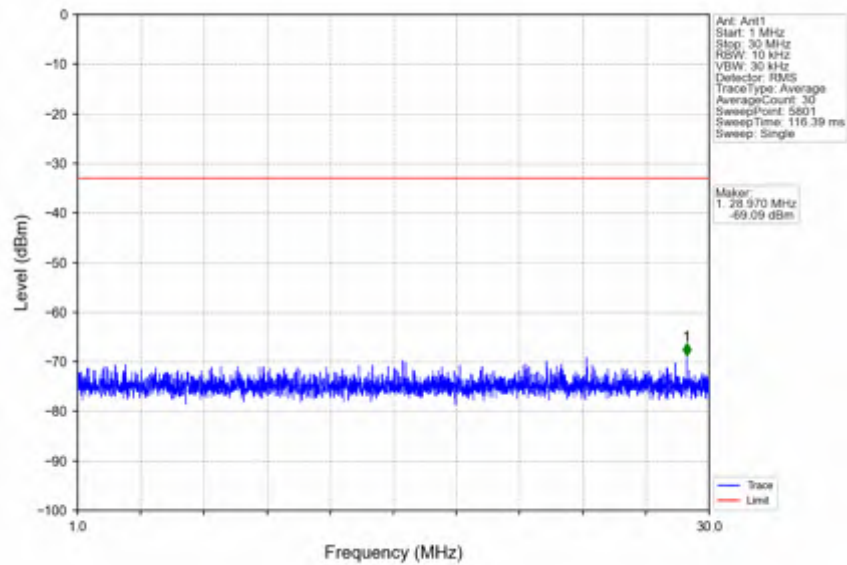


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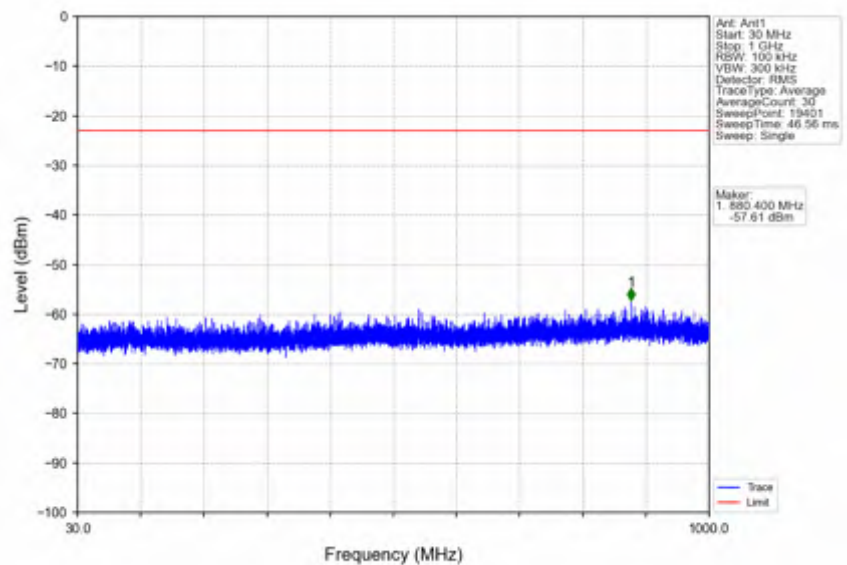
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Edge\_1RB\_Right



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Edge\_1RB\_Right



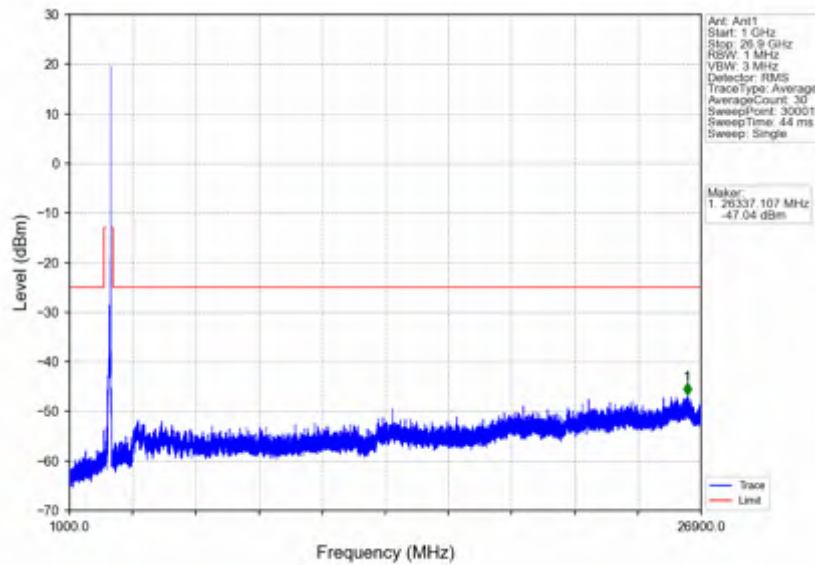
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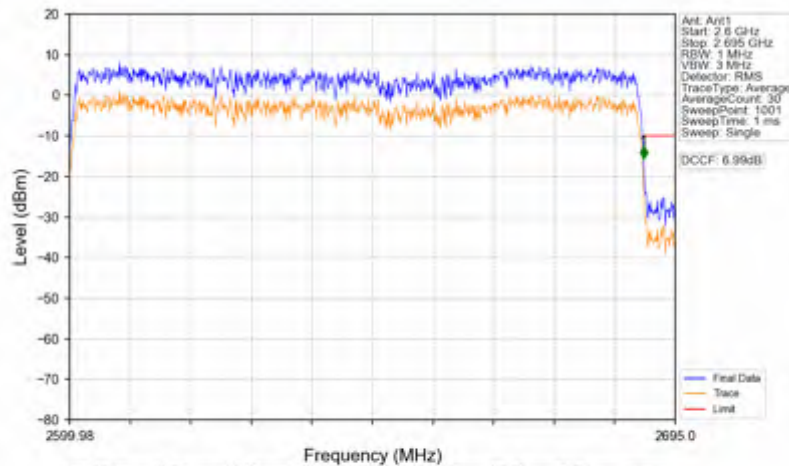
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n41\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Edge\_1RB\_Right



n41\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2599.98	2690	1	0	1	2690.059	-15.59	-10	Pass



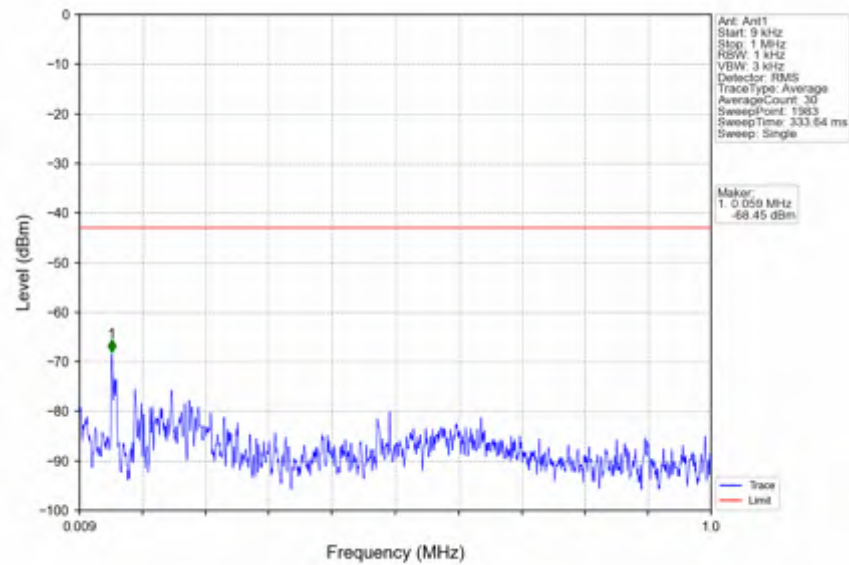
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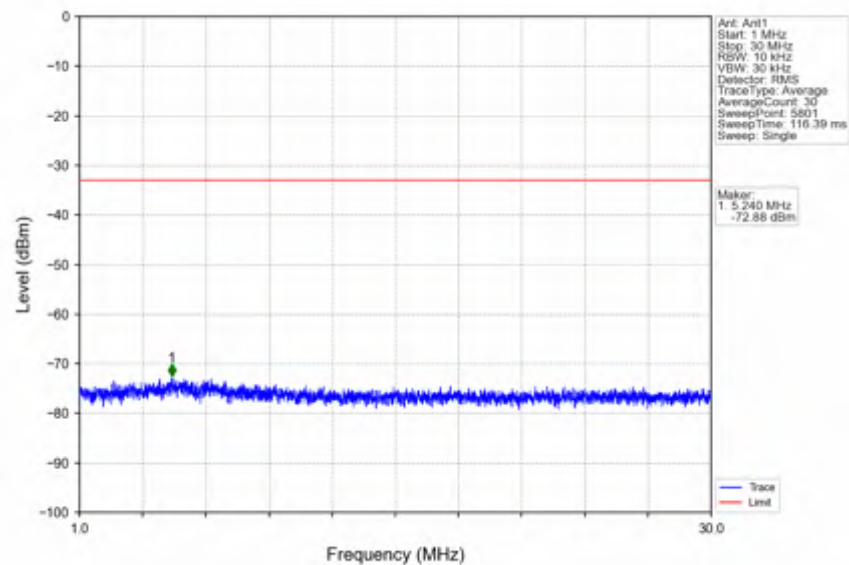
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Outer\_Full



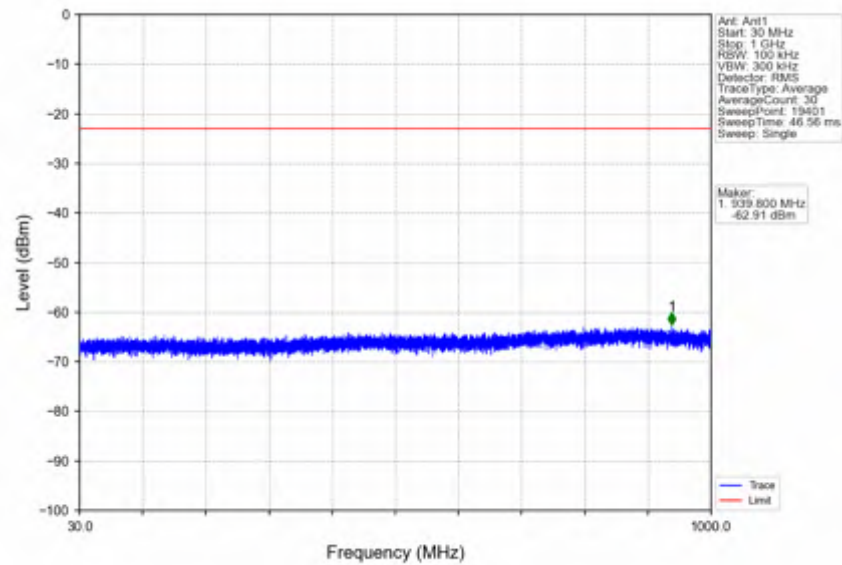
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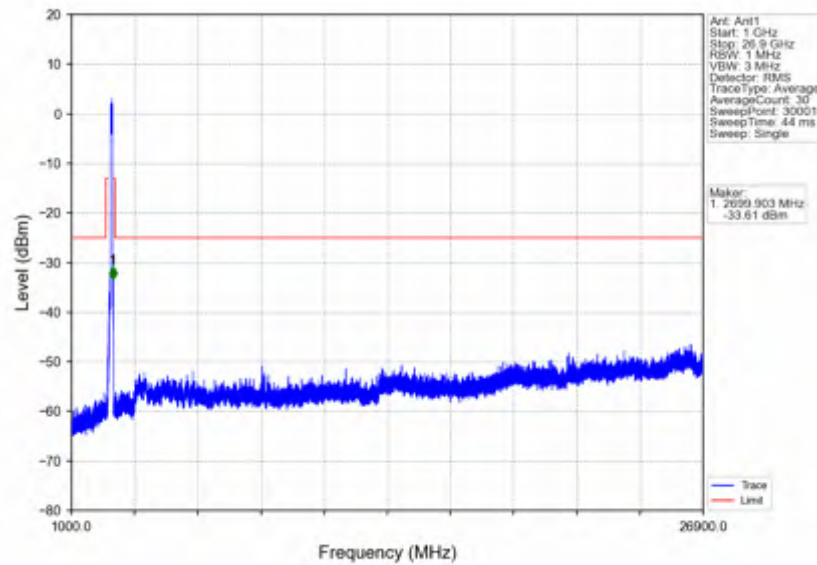
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n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Outer\_Full

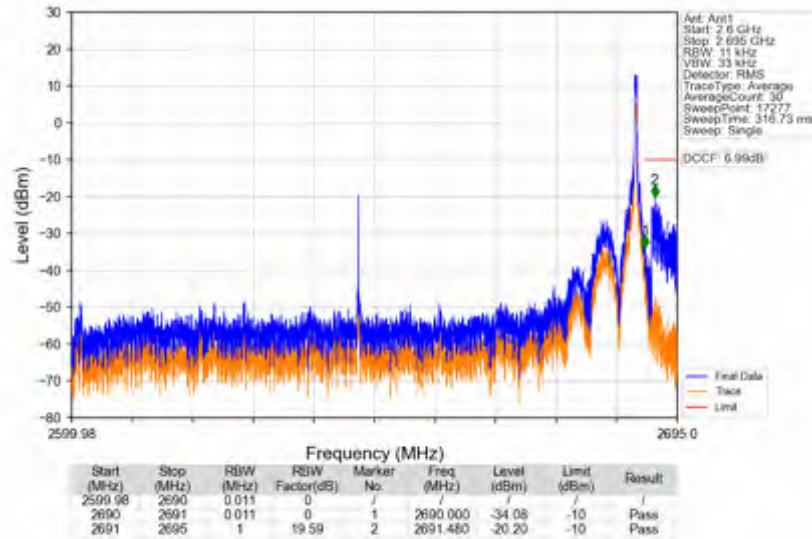


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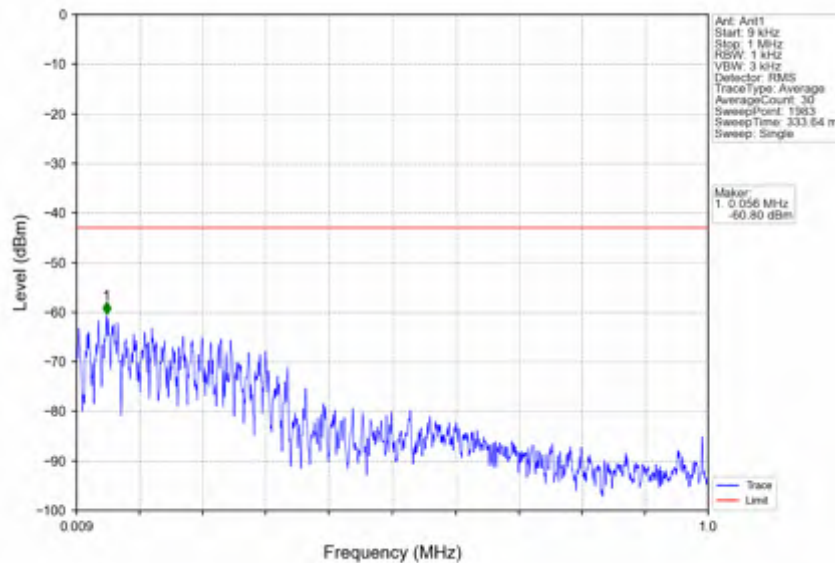
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n41\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Inner\_1RB\_Right



n41\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM QPSK\_2644.98MHz\_Inner\_1RB\_Right

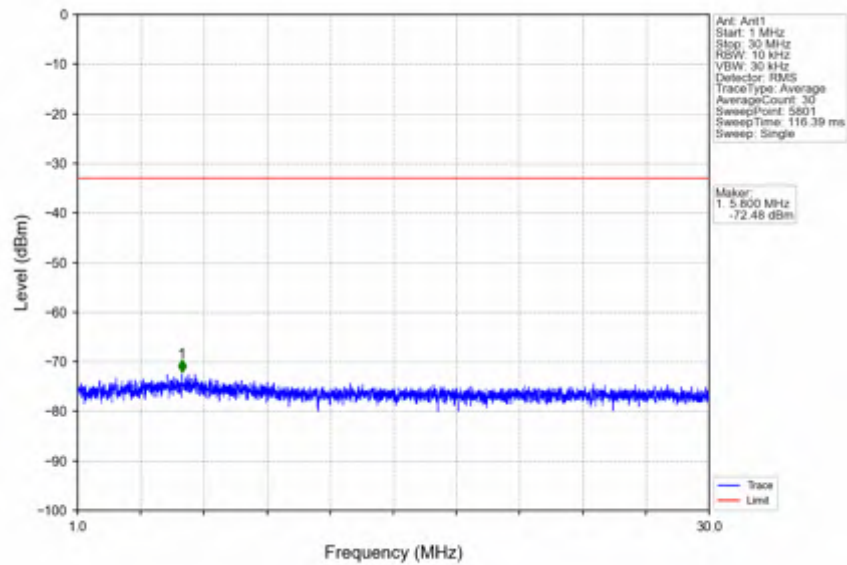


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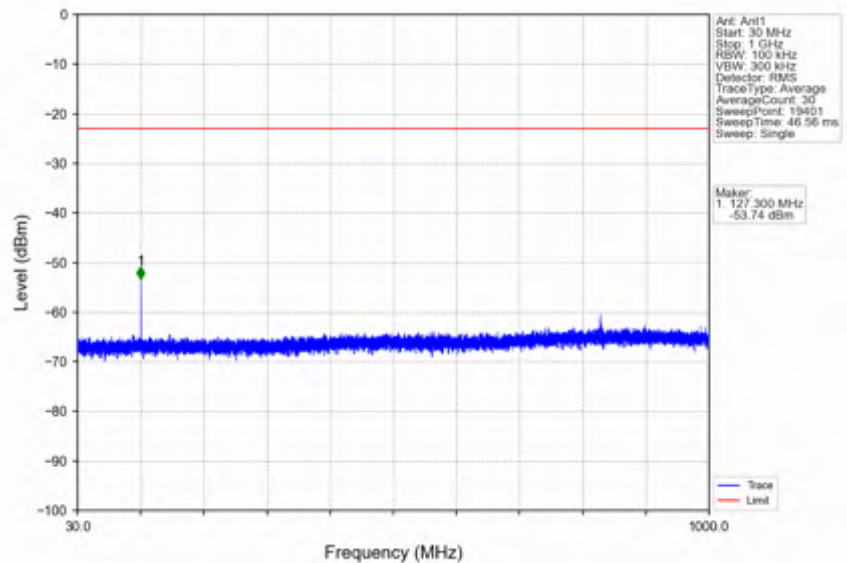
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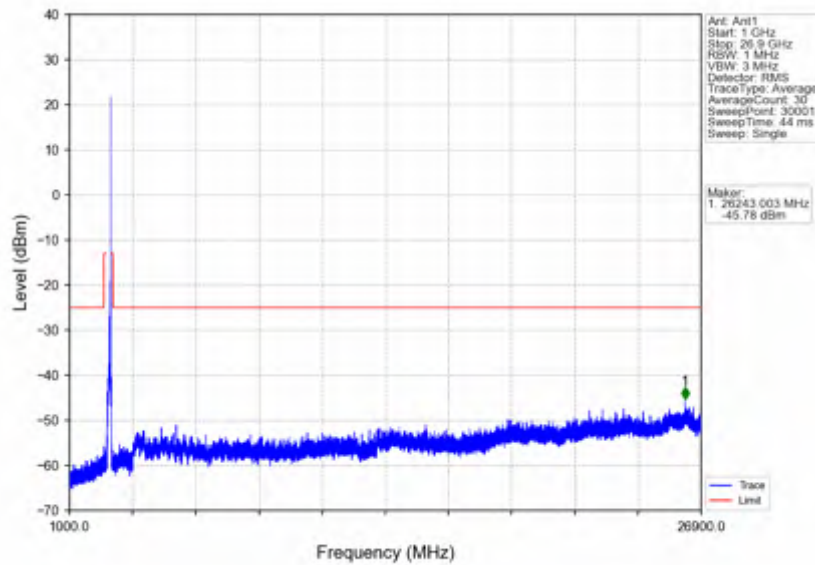
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## 6.16 30k\_SISO\_100MHz\_NTNV

### 6.16.1 Test Result

5G NR n41 SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	2546.01	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	2592.99	Edge_1RB_Left	Refer To Test Graph			Pass	
		2640	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	2592.99	Edge_1RB_Left	Refer To Test Graph			Pass	
		2640	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	2546.01	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	2592.99	Edge_1RB_Left	Refer To Test Graph			Pass	
		2640	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
2640	Inner_1RB_Right	Refer To Test Graph			Pass		



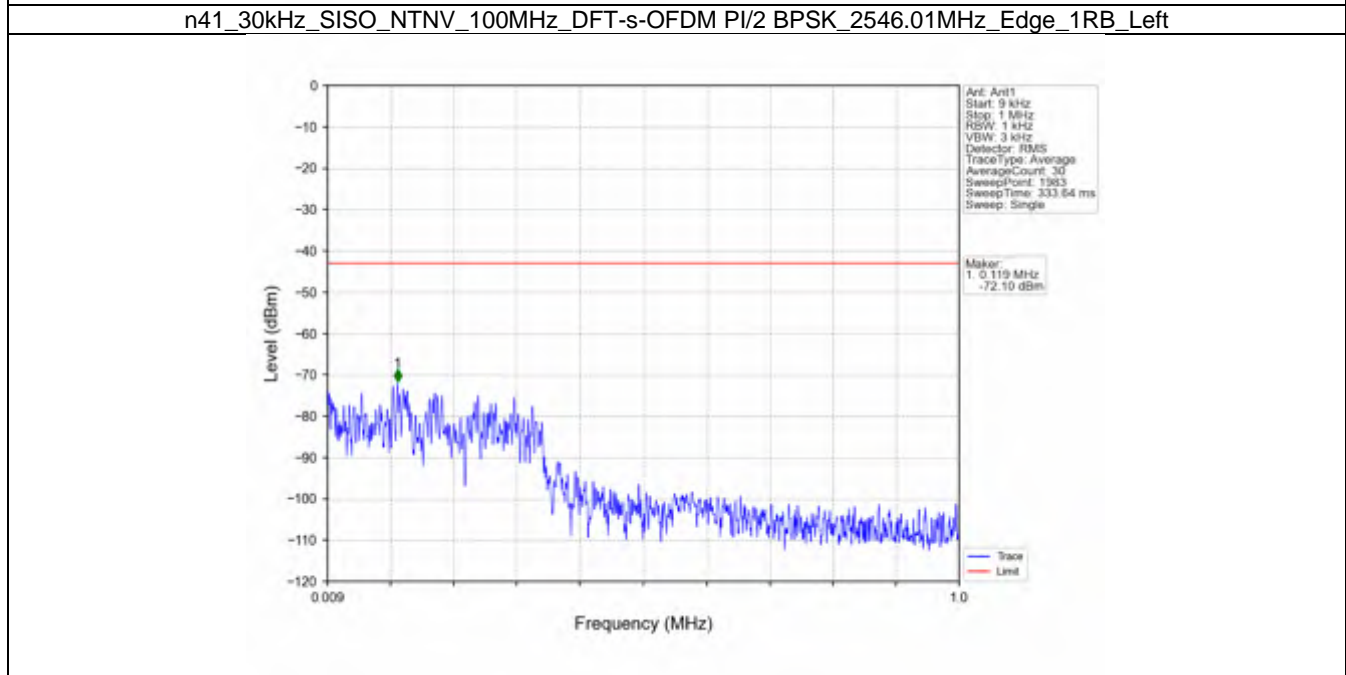
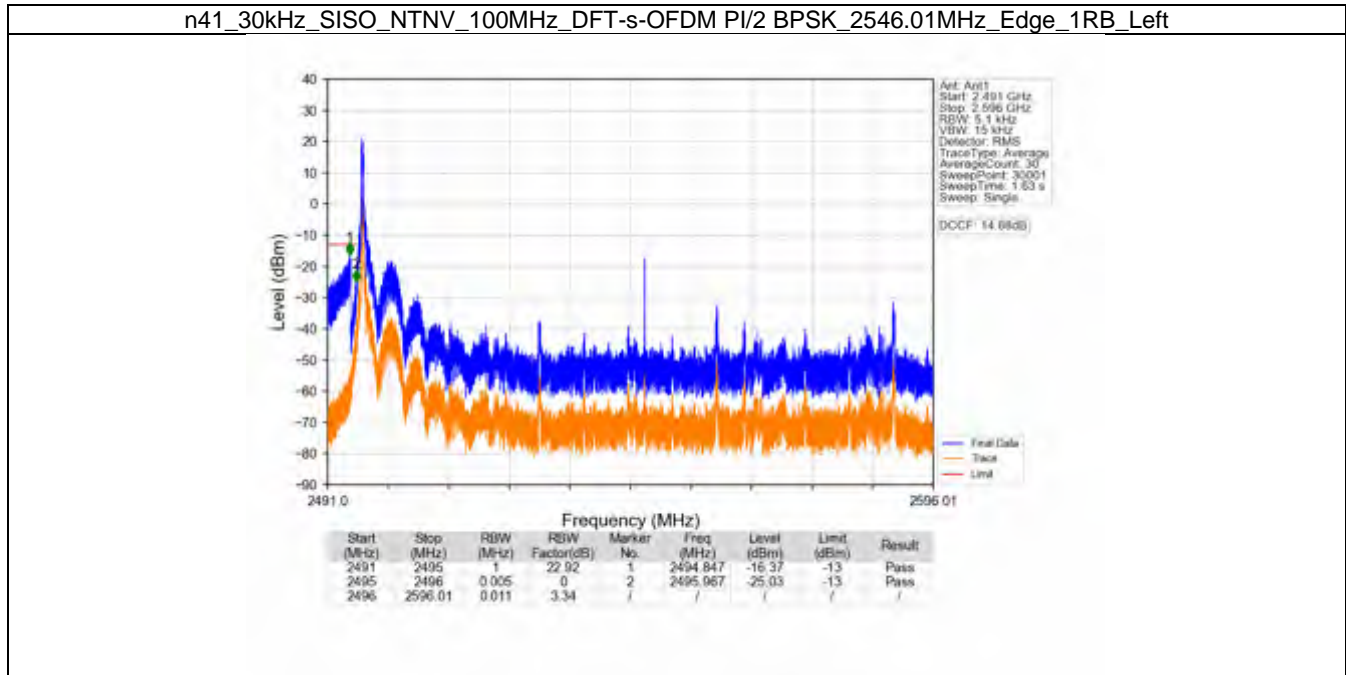
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## 6.16.2 Test Graph

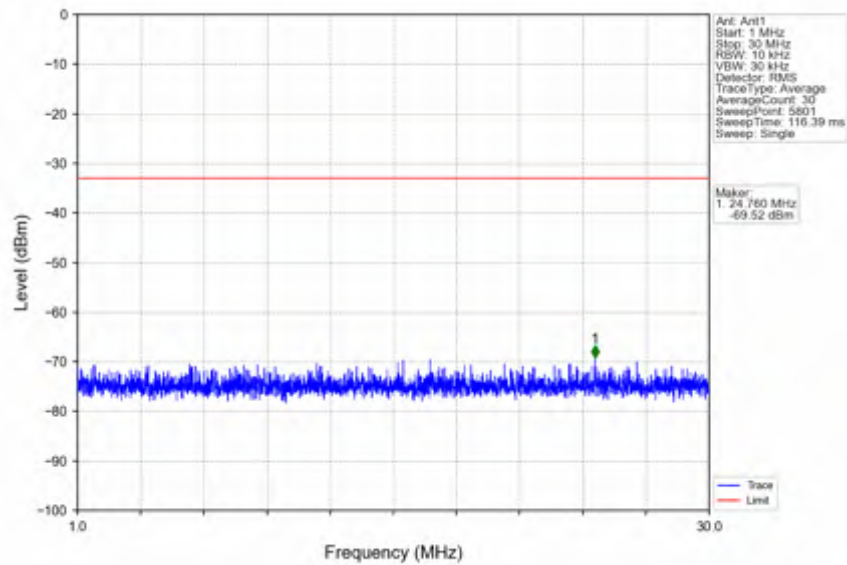


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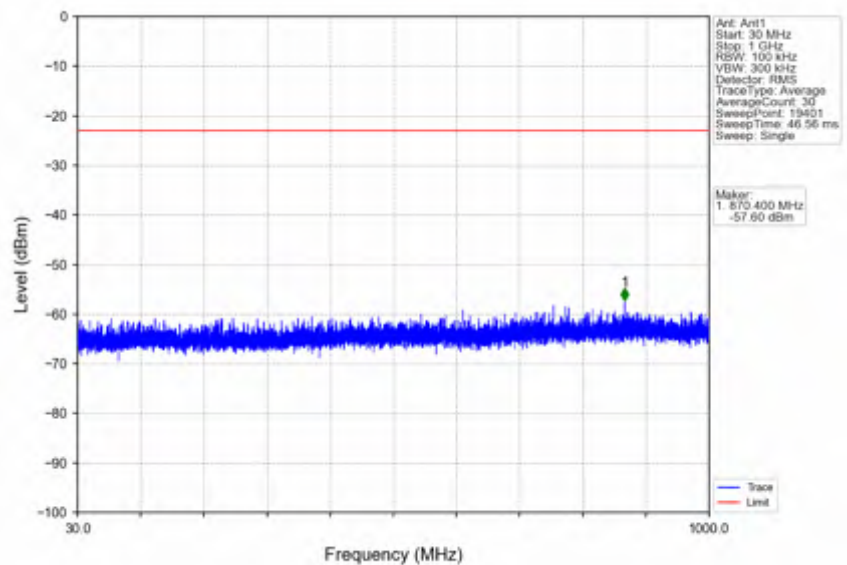
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2546.01MHz\_Edge\_1RB\_Left



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2546.01MHz\_Edge\_1RB\_Left



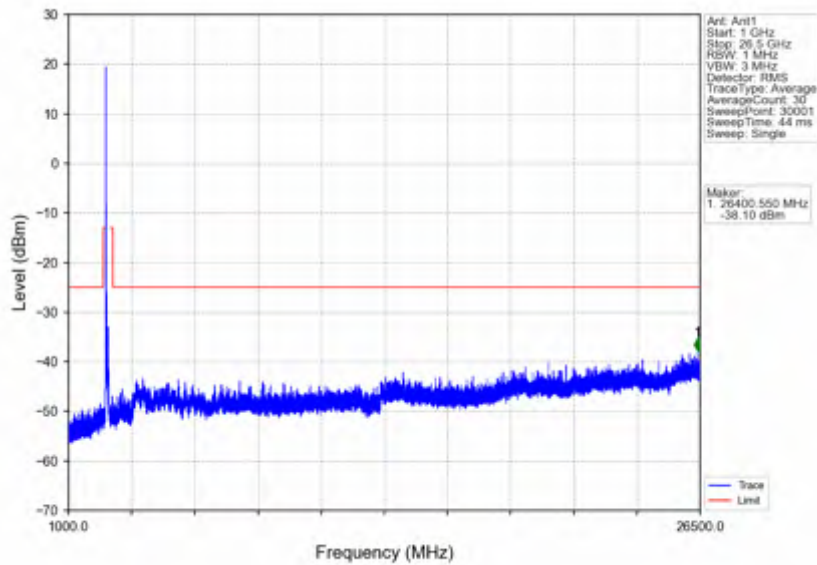
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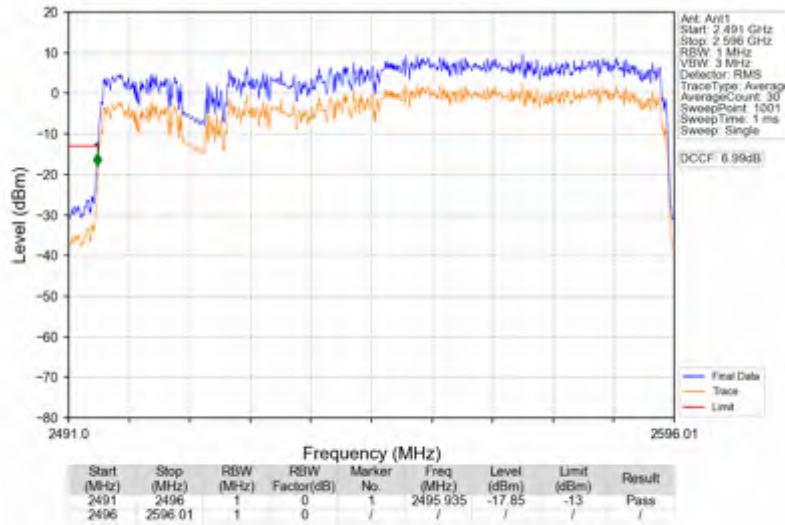
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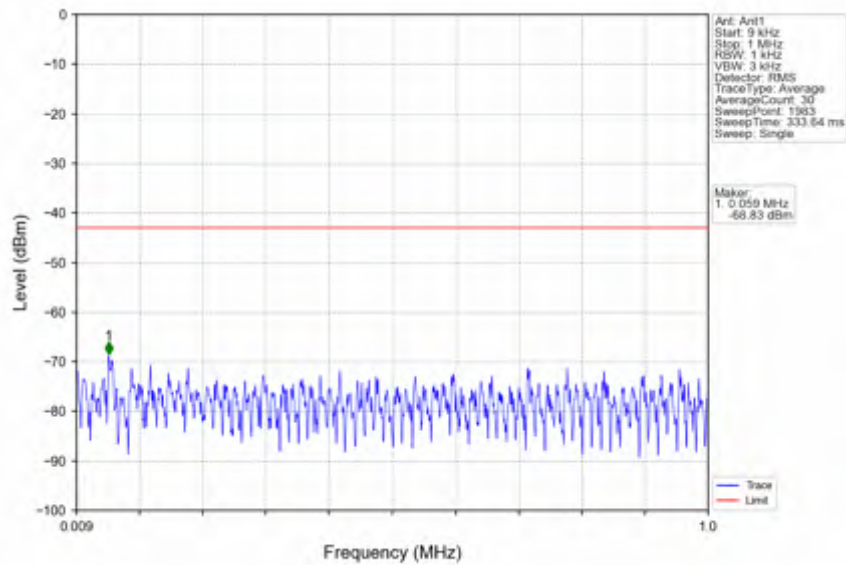


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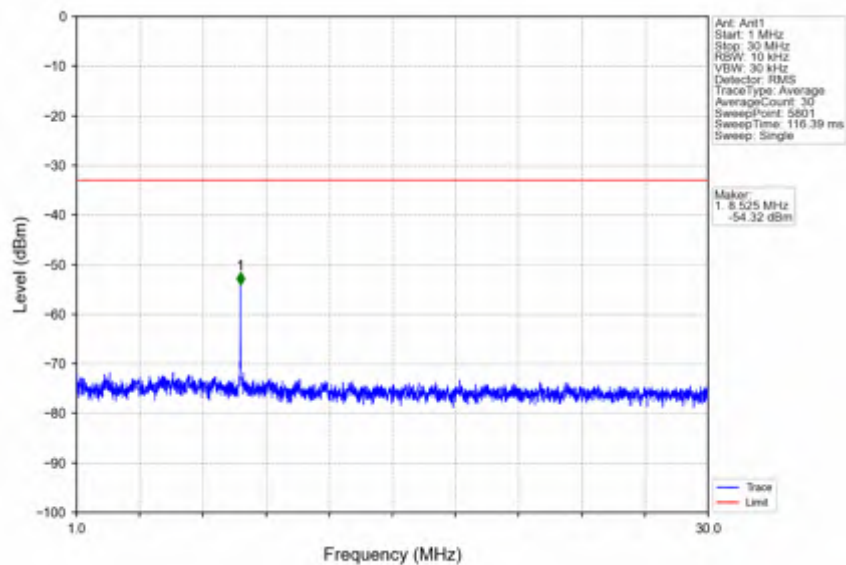
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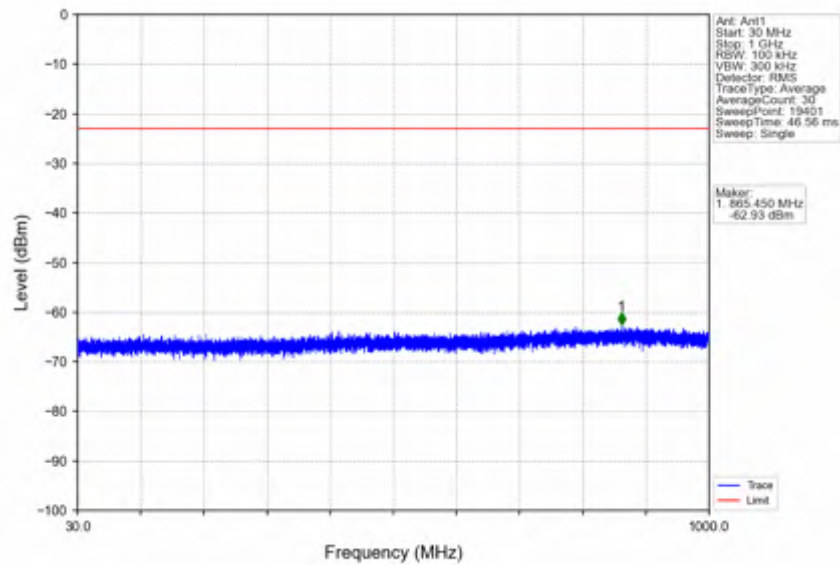
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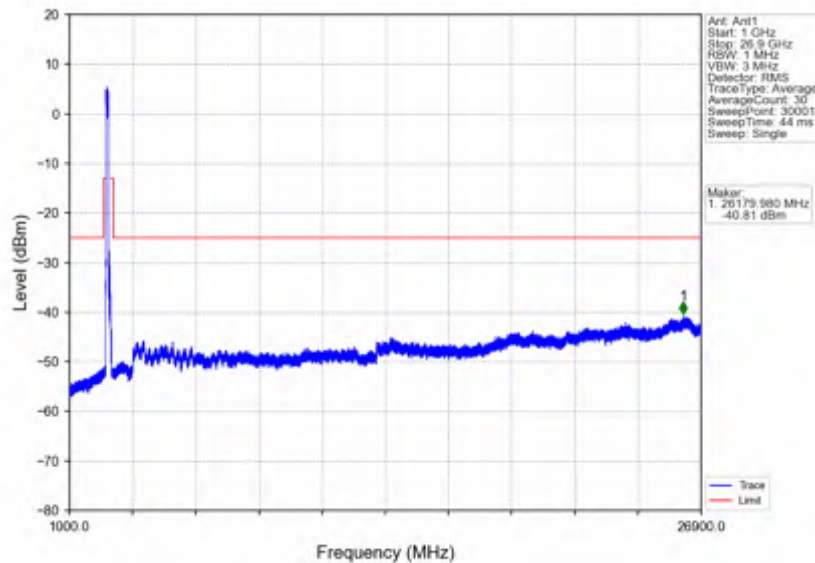
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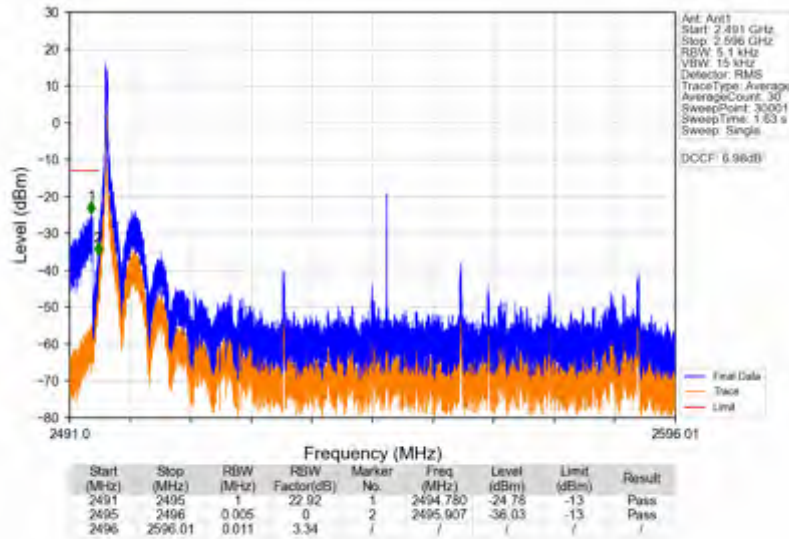
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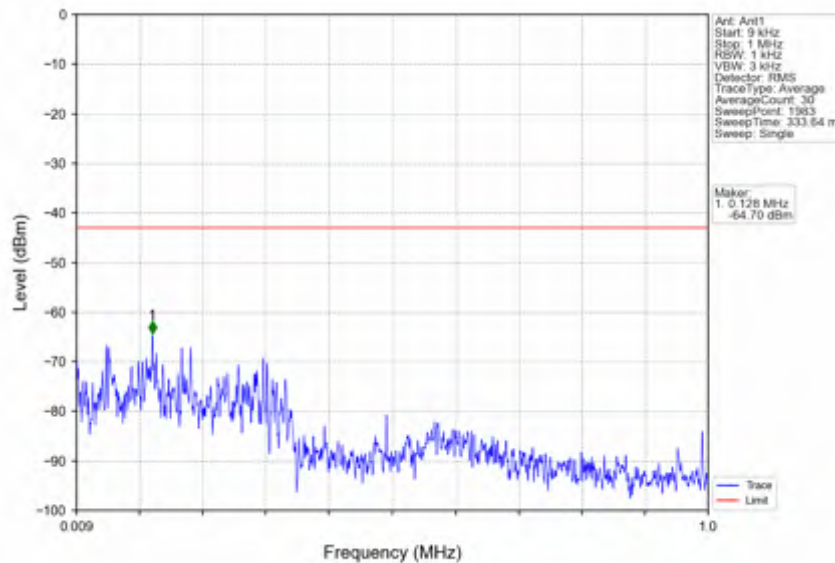
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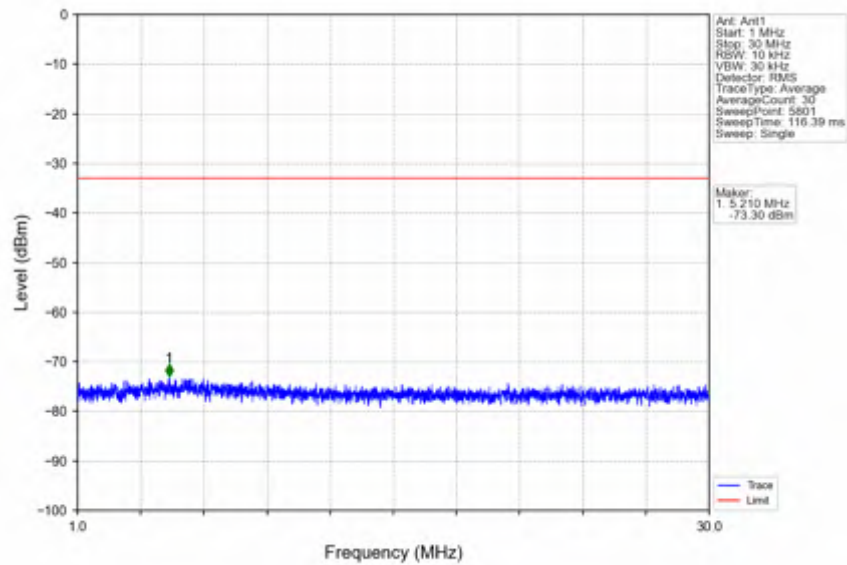


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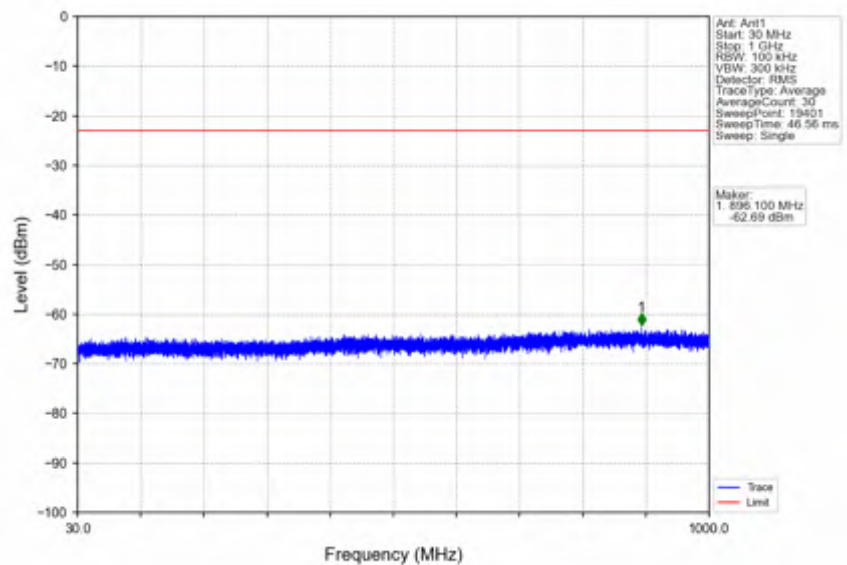
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2546.01MHz\_Inner\_1RB\_Left



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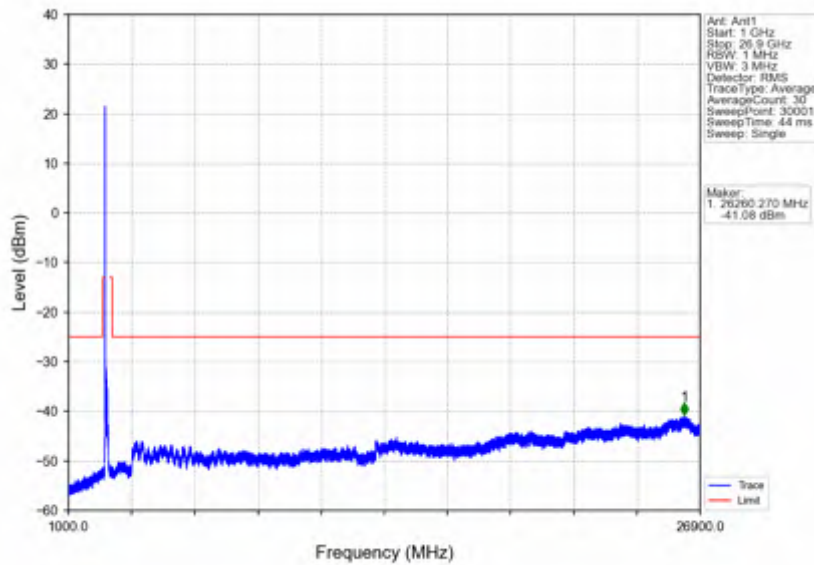
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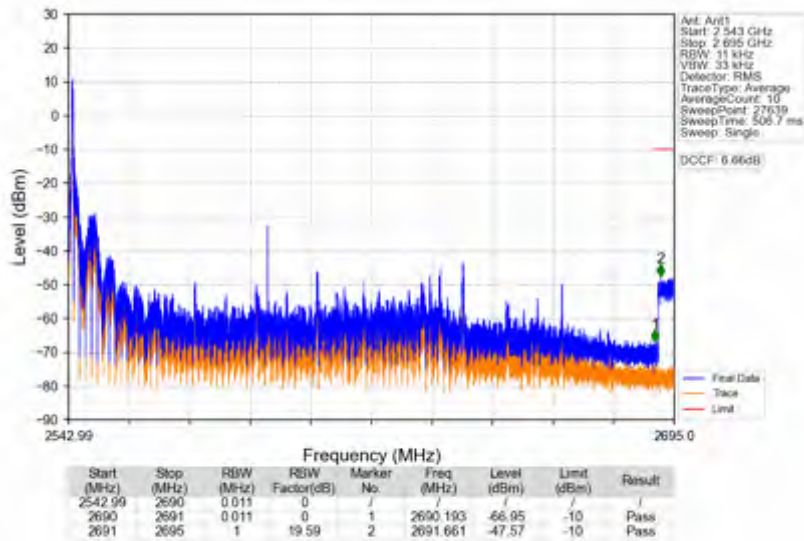
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2546.01MHz\_Inner\_1RB\_Left



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2592.99MHz\_Edge\_1RB\_Left



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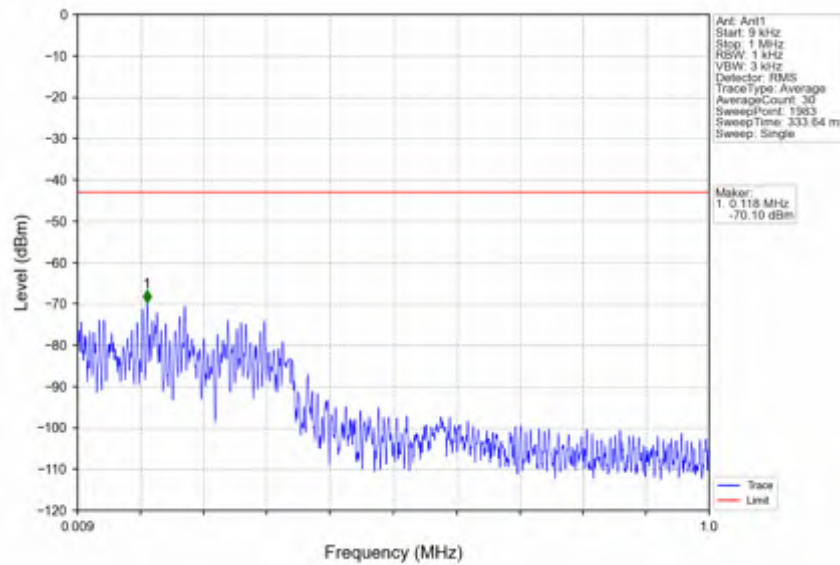
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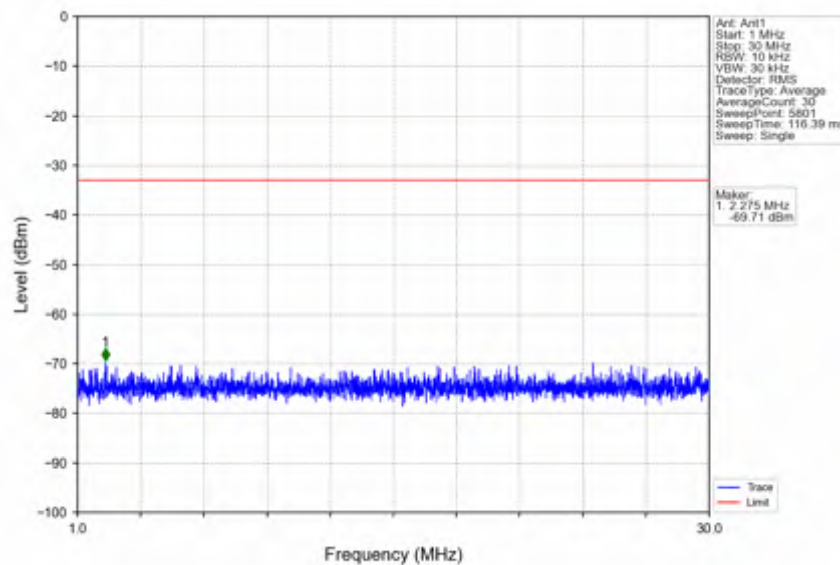
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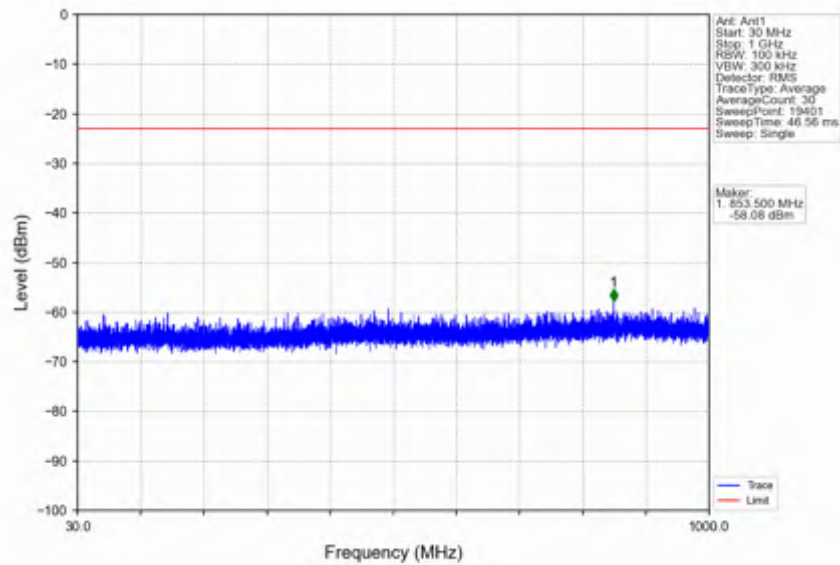
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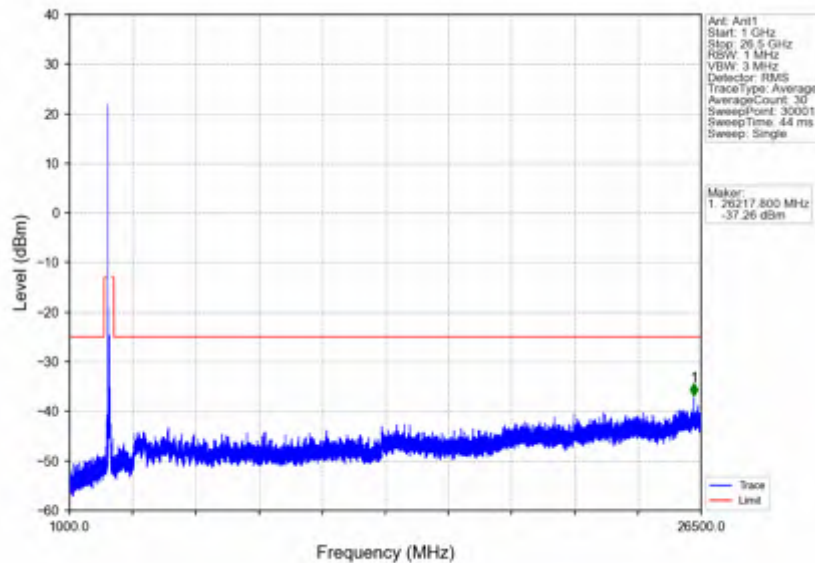
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2592.99MHz\_Edge\_1RB\_Left



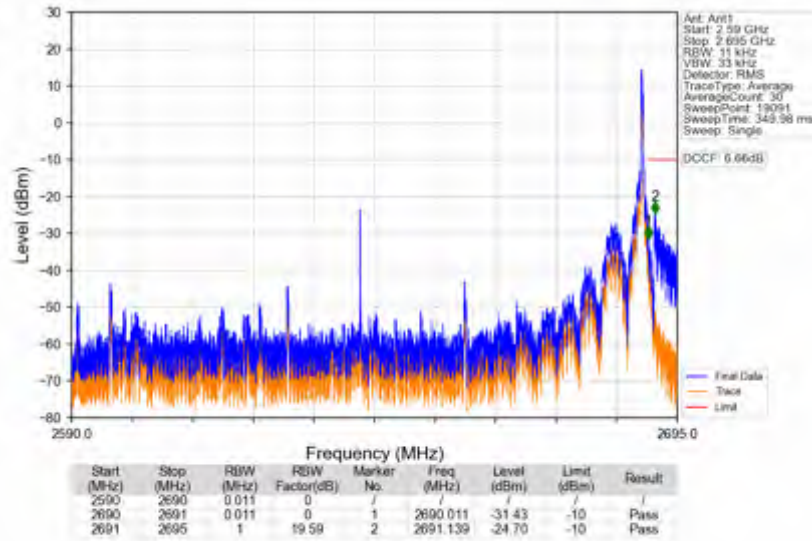
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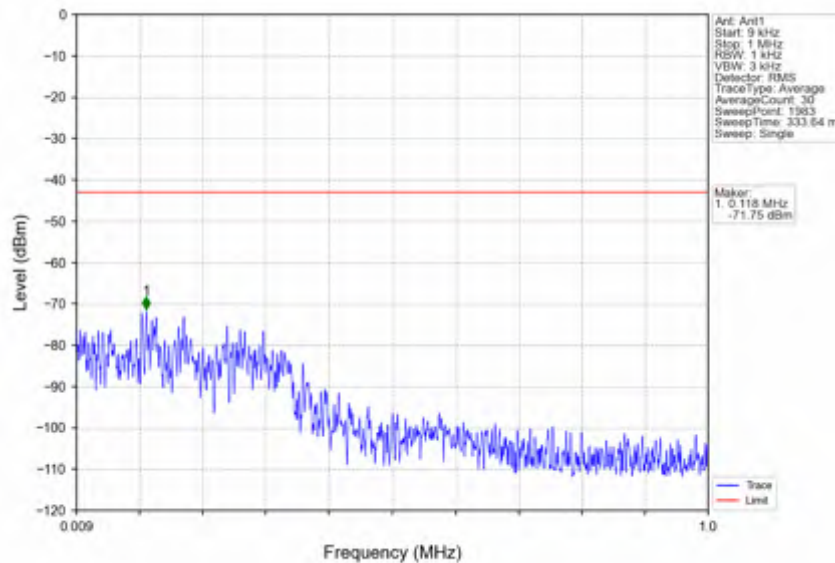
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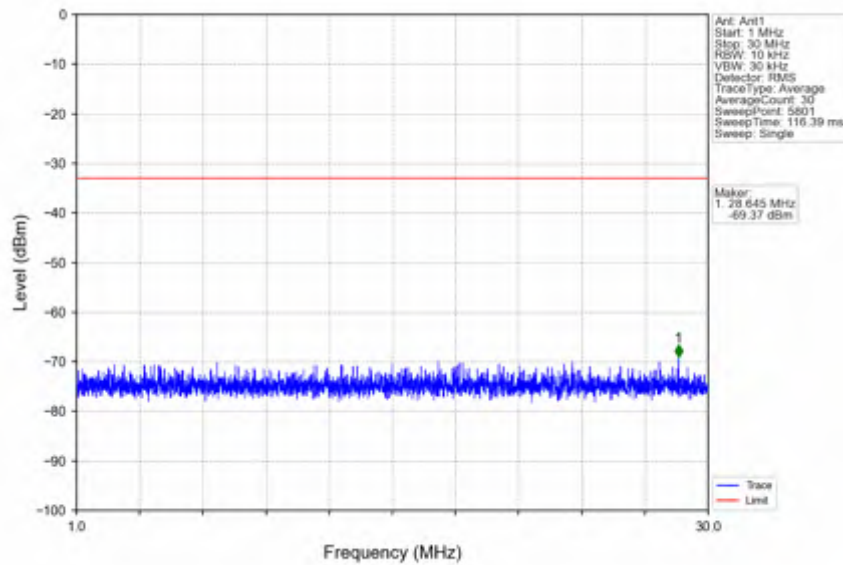


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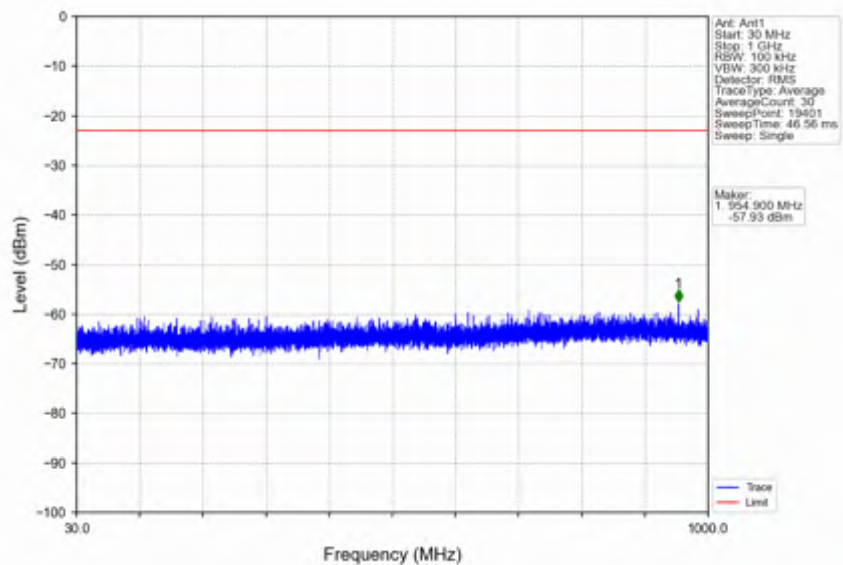
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2640MHz\_Edge\_1RB\_Right



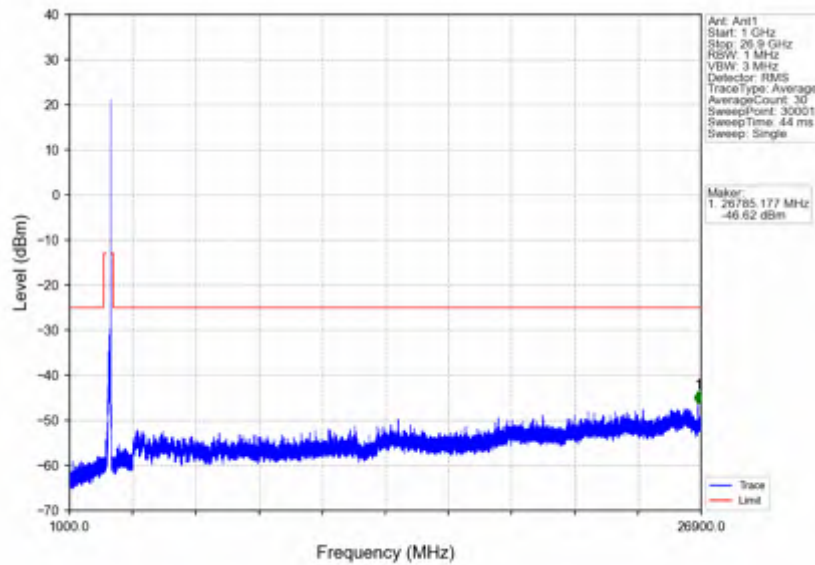
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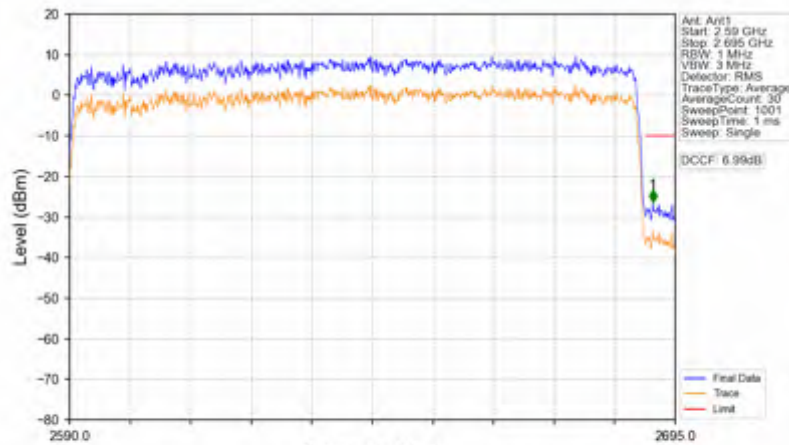
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2640MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2690	1	0	1	2691.115	-26.36	-10	Pass



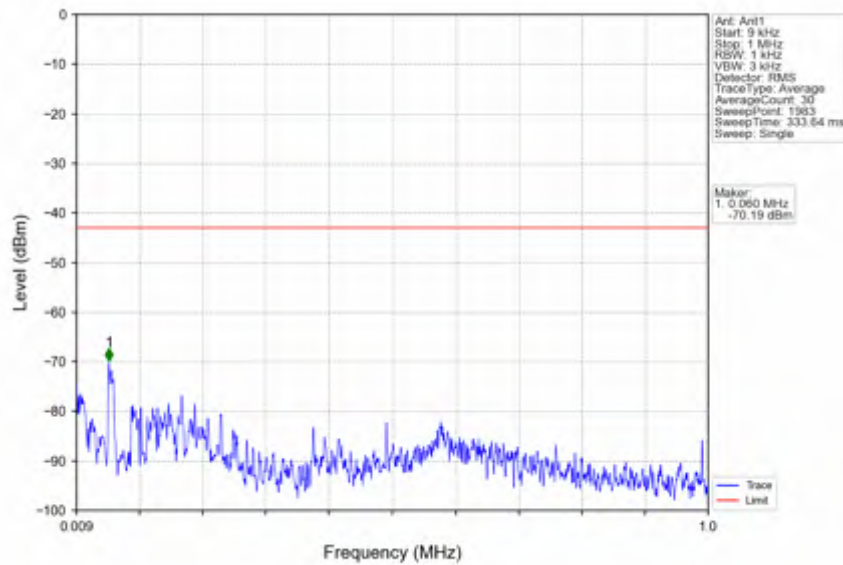
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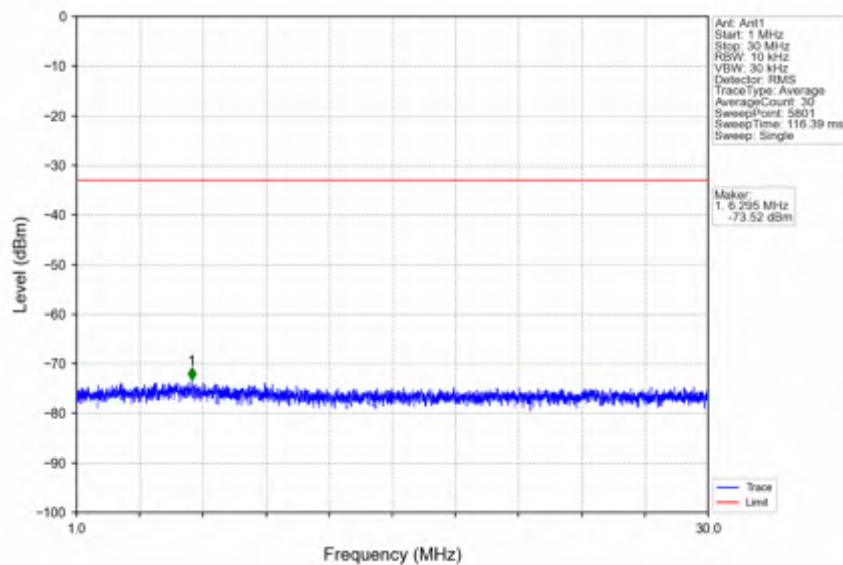
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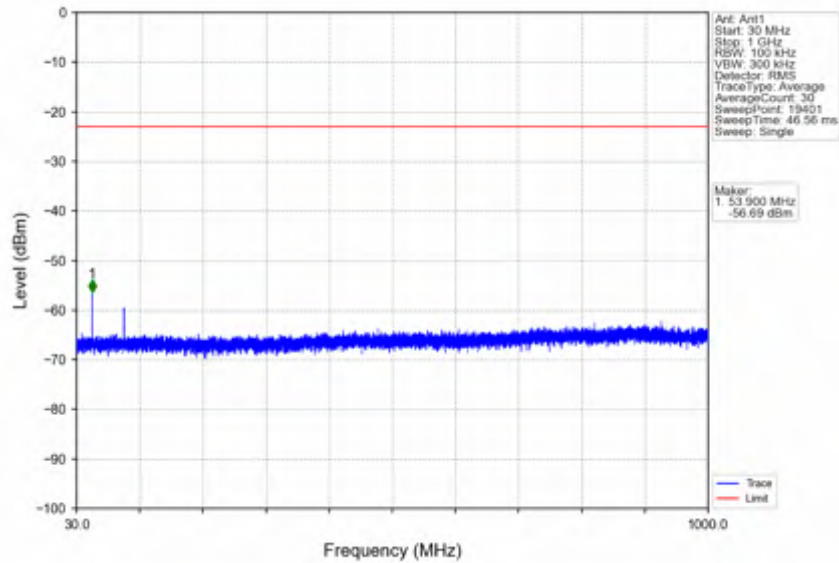
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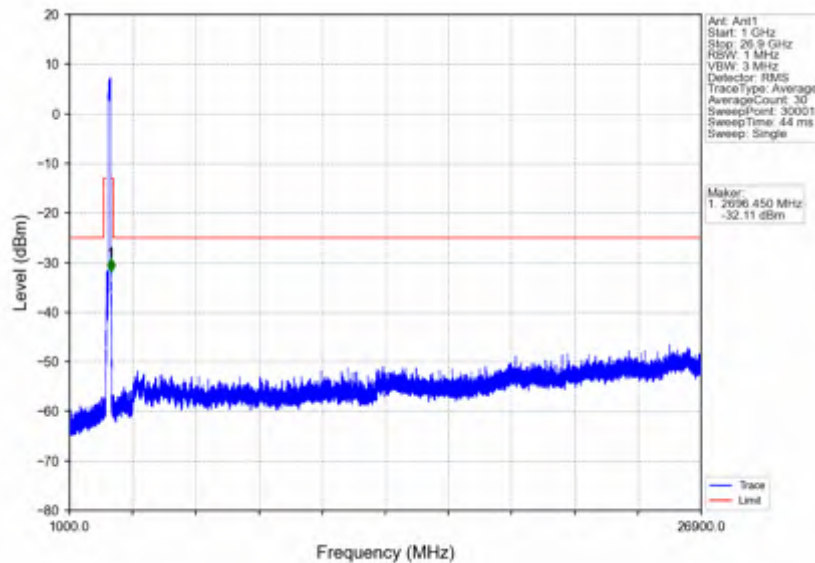
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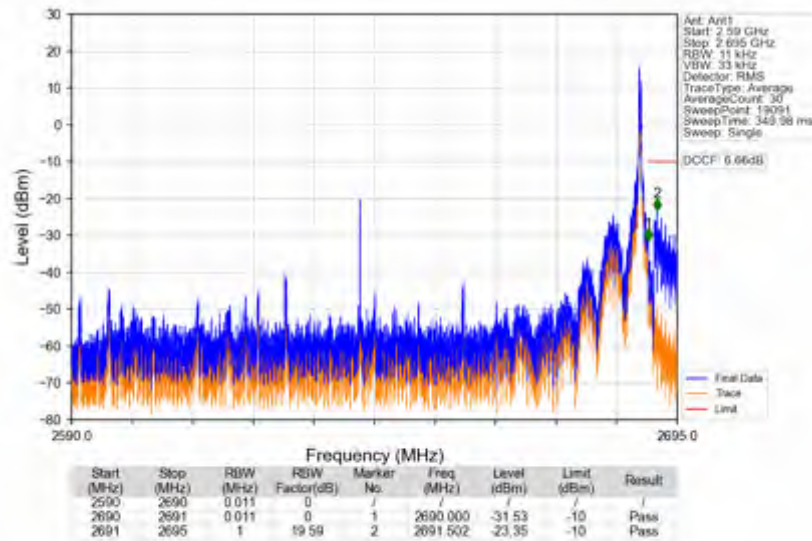
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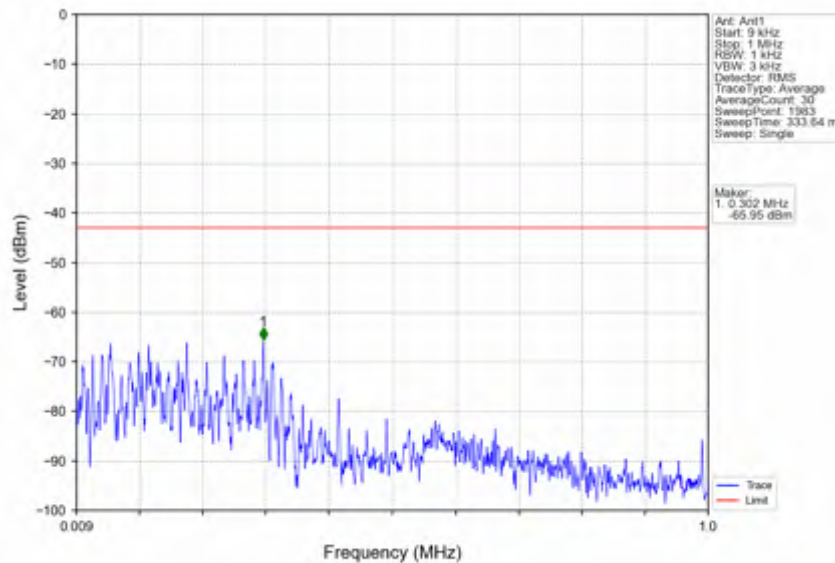
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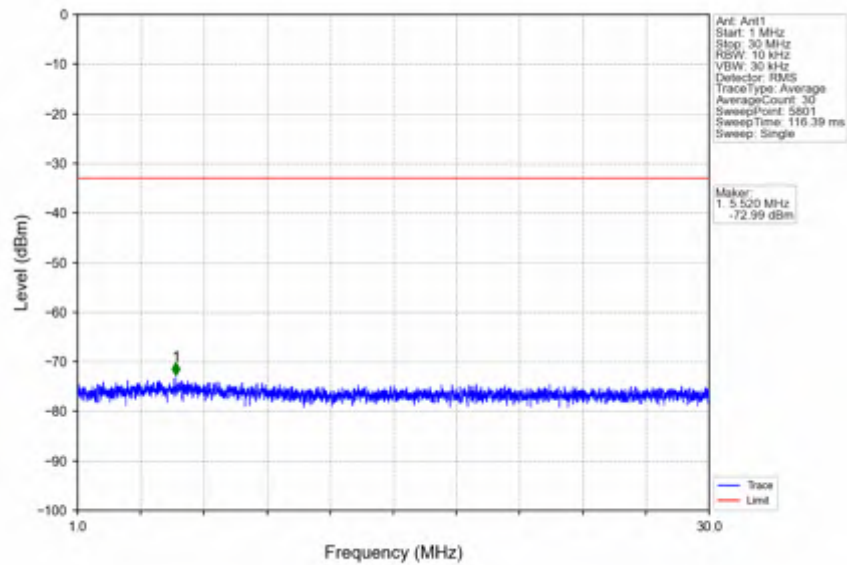


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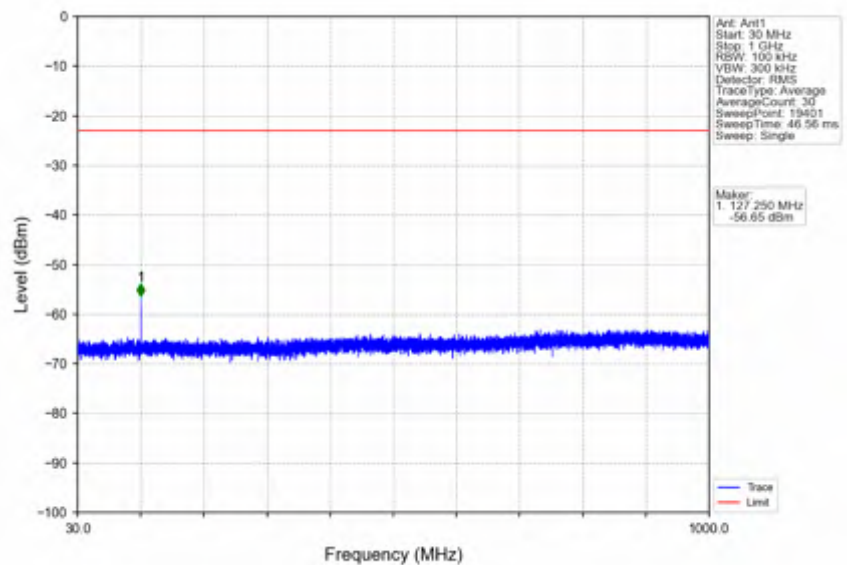
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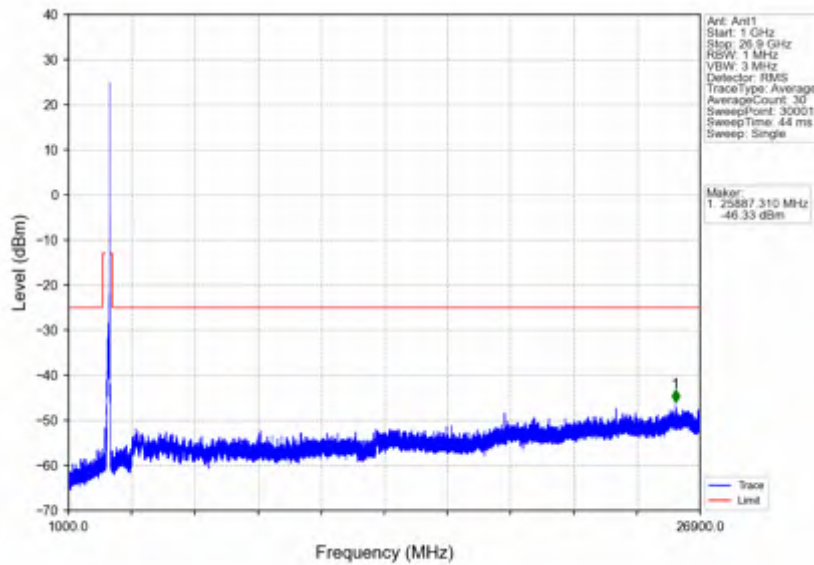
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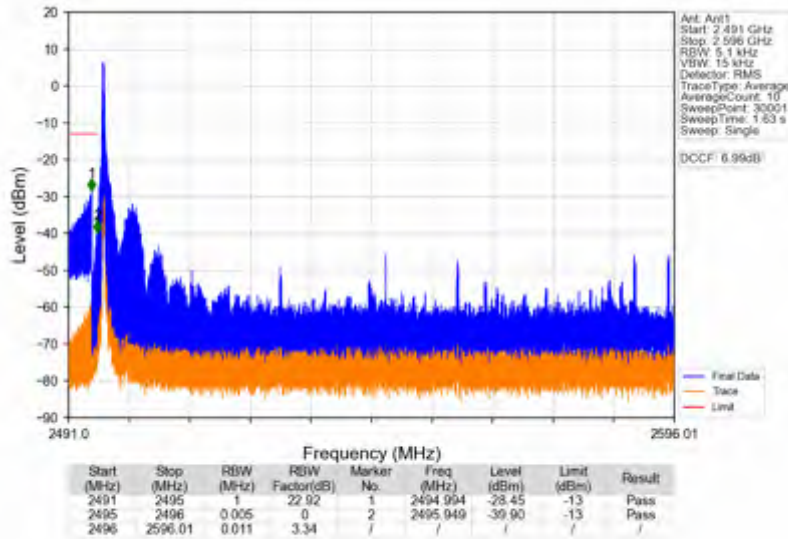
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM PI/2 BPSK\_2640MHz\_Inner\_1RB\_Right



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2546.01MHz\_Edge\_1RB\_Left



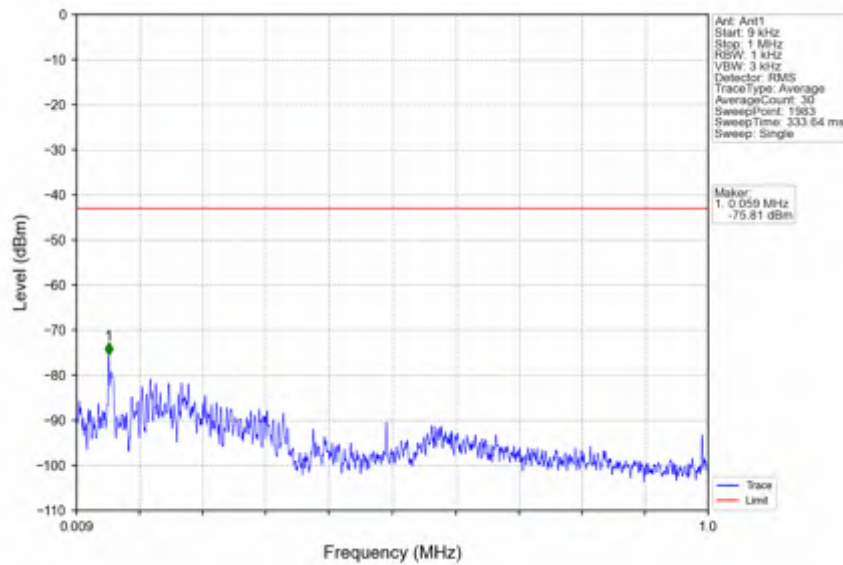
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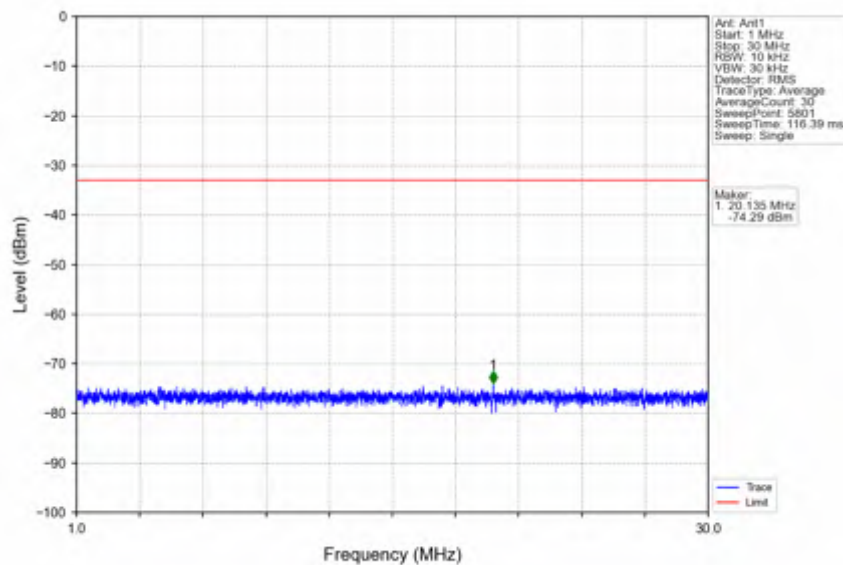
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2546.01MHz\_Edge\_1RB\_Left



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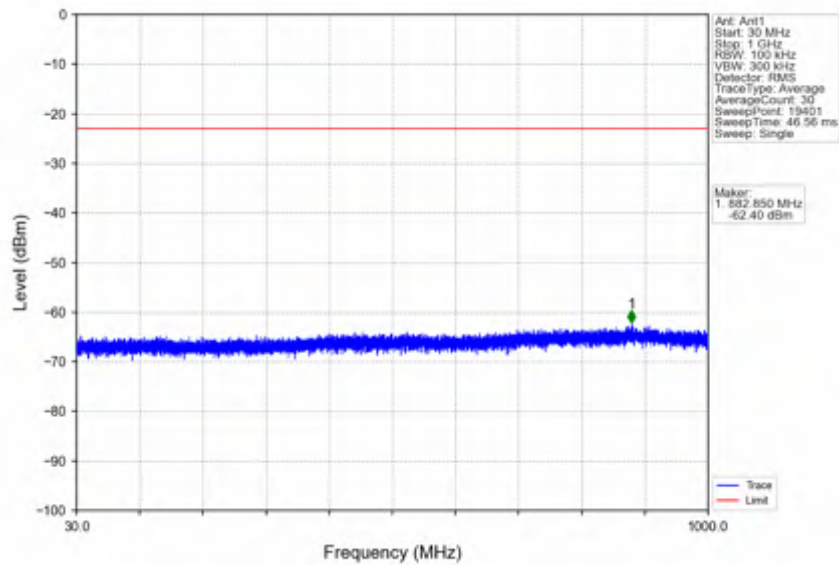
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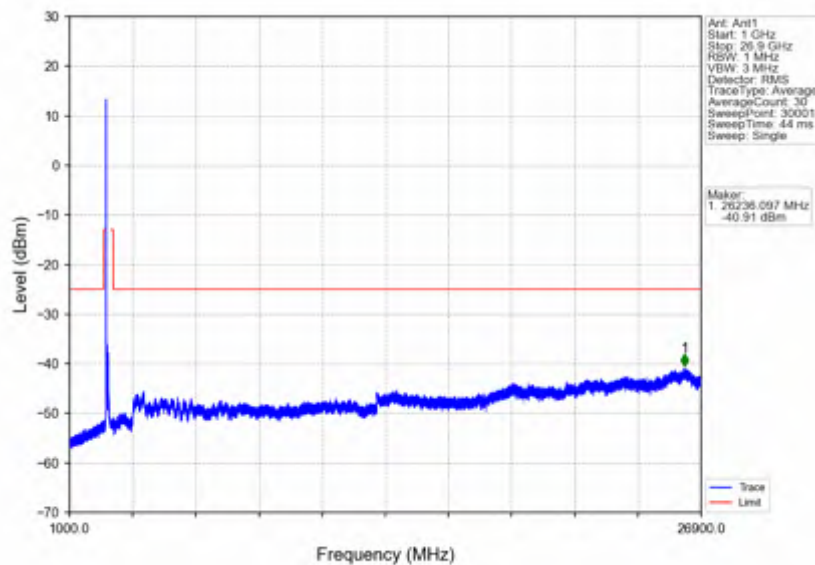
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2546.01MHz\_Edge\_1RB\_Left



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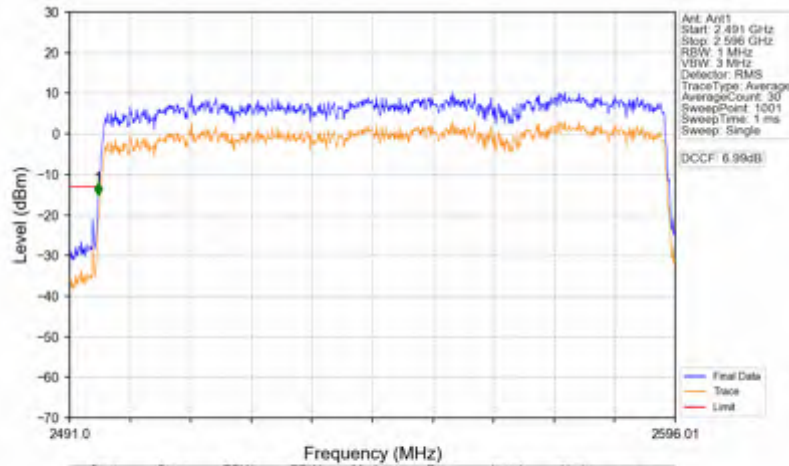
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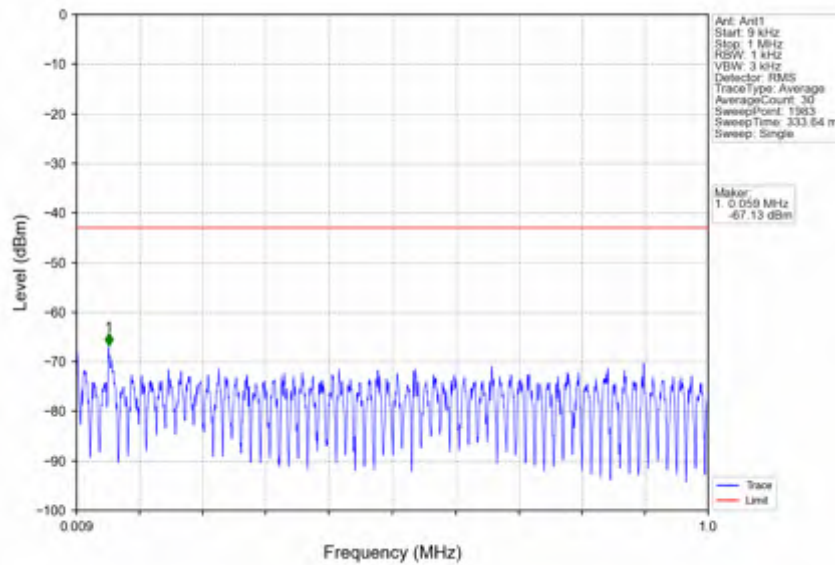
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_2546.01MHz\_Outer\_Full



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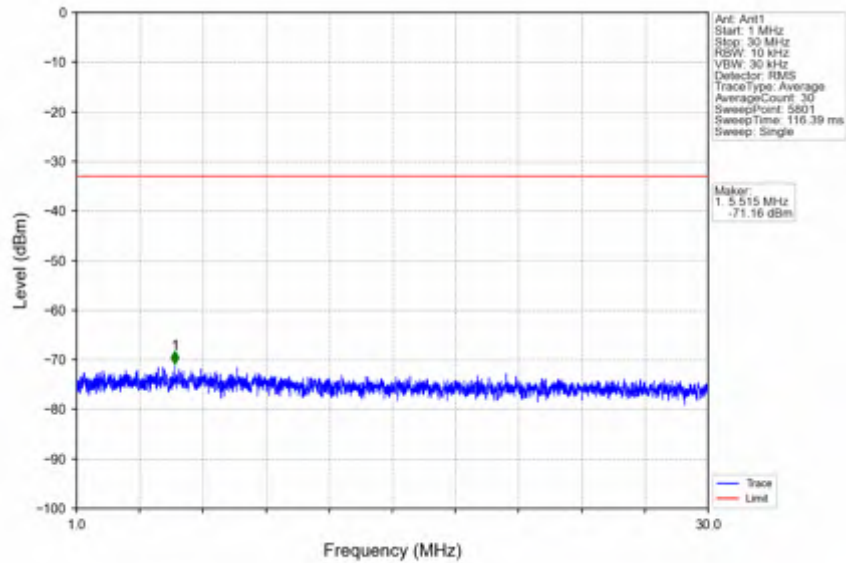


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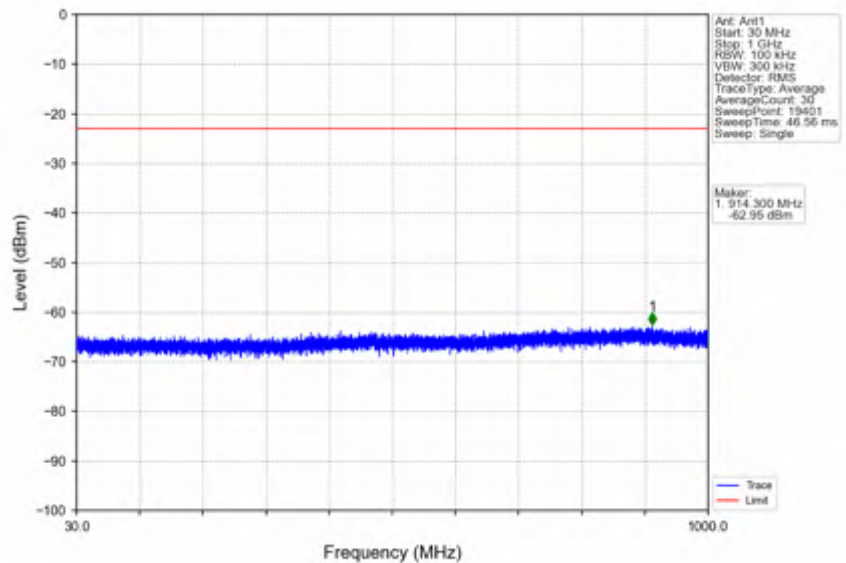
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_2546.01MHz\_Outer\_Full



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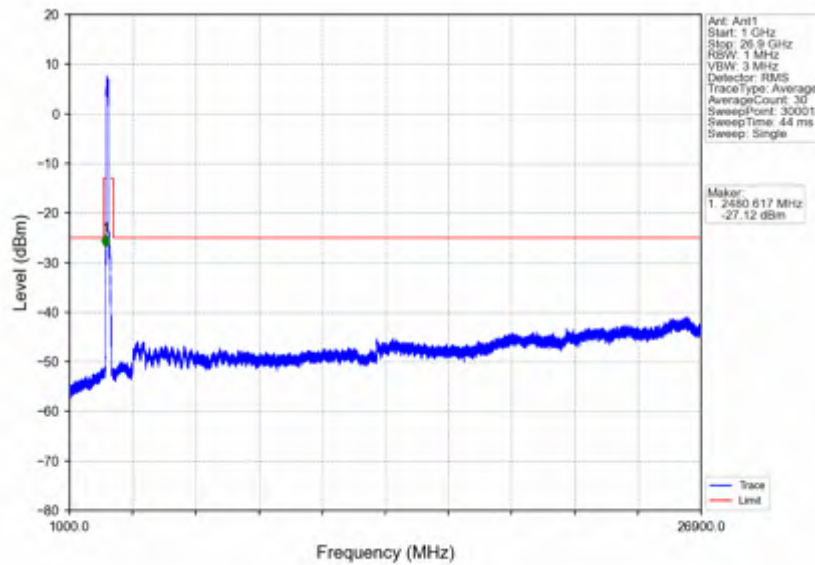
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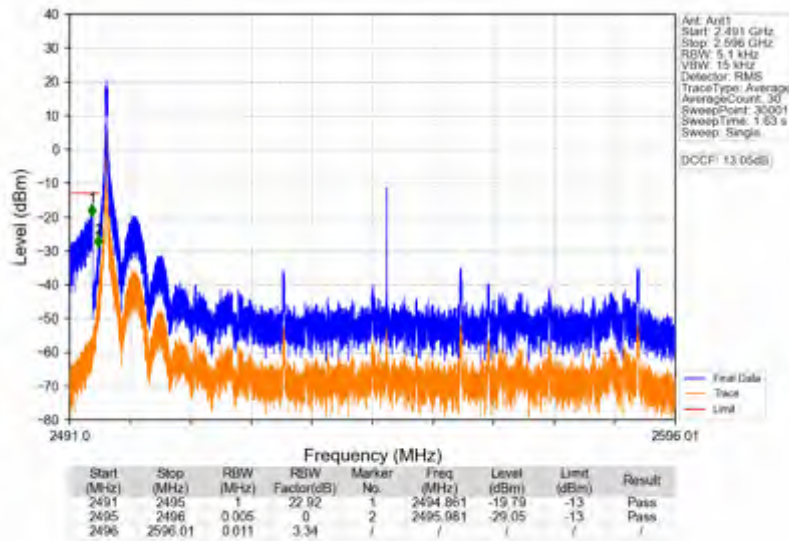
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_2546.01MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_2546.01MHz\_Inner\_1RB\_Left



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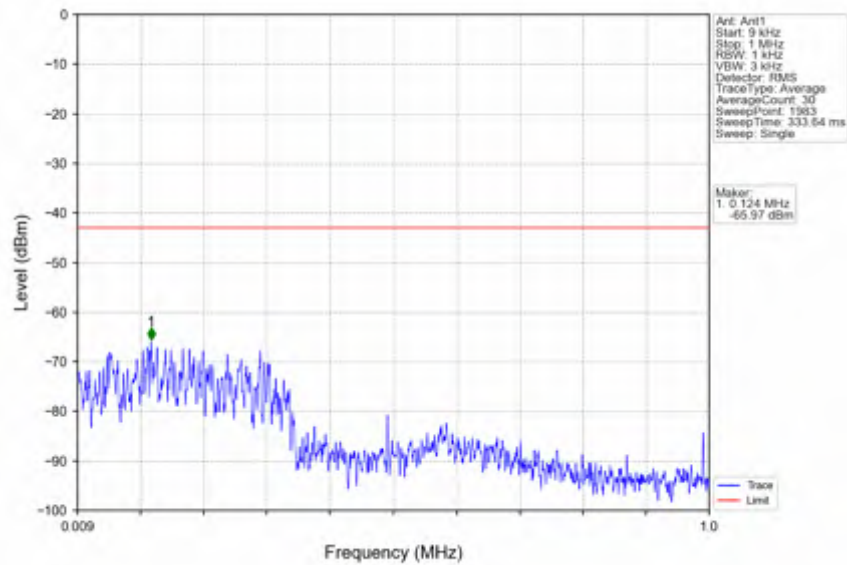
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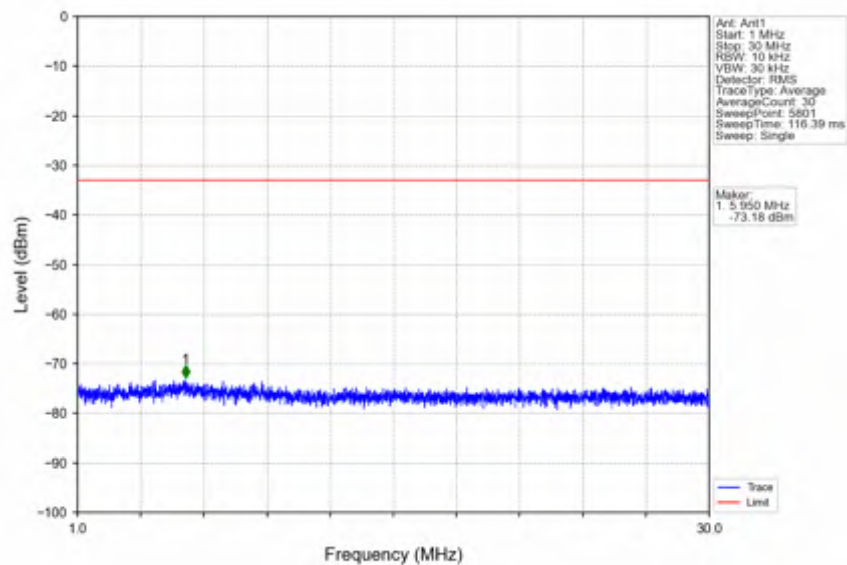
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2546.01MHz\_Inner\_1RB\_Left



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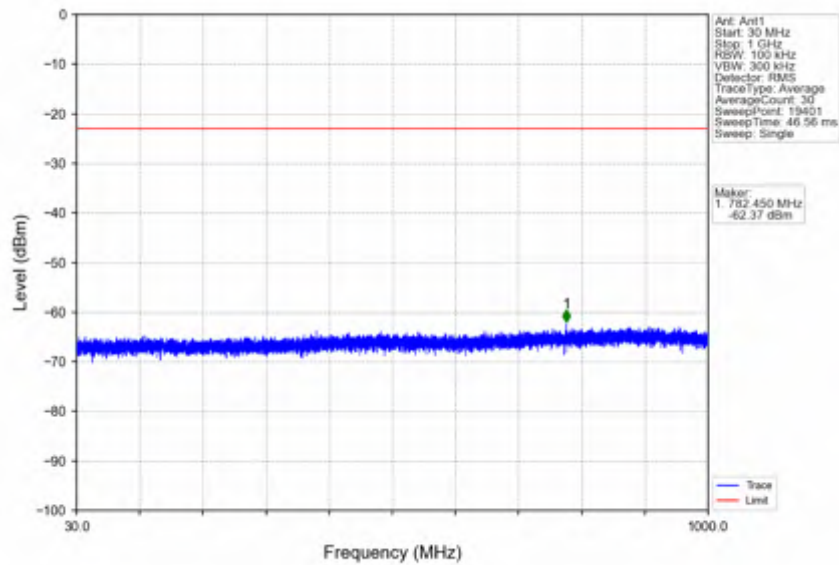


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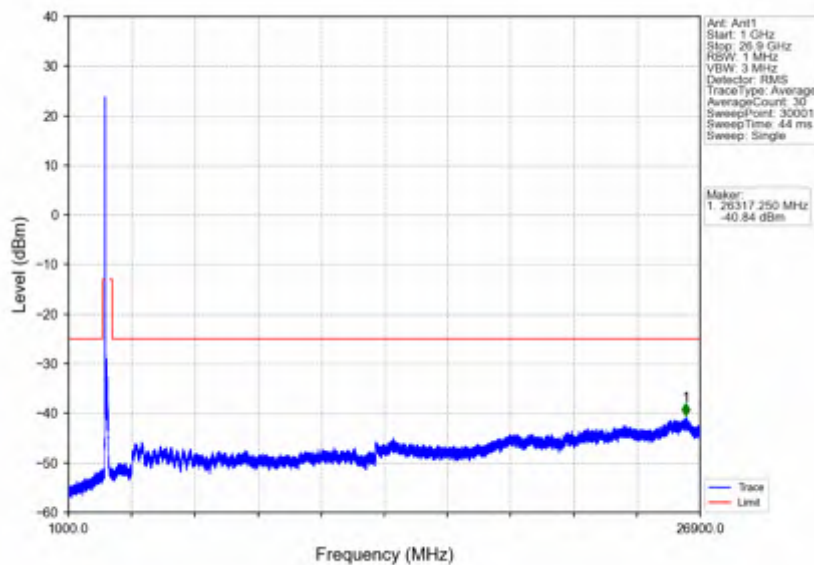
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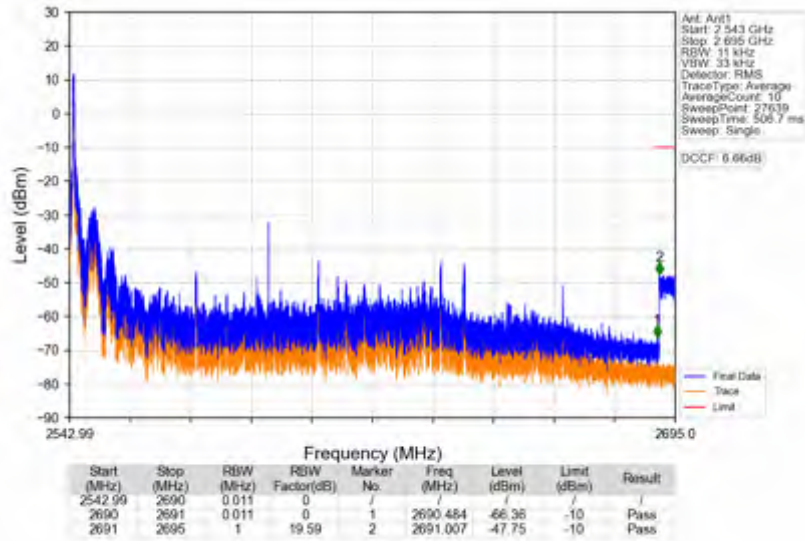
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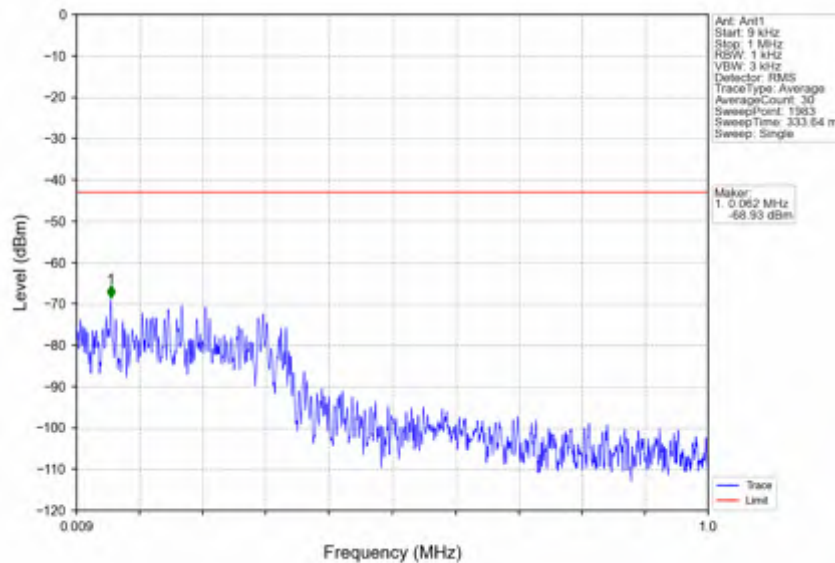
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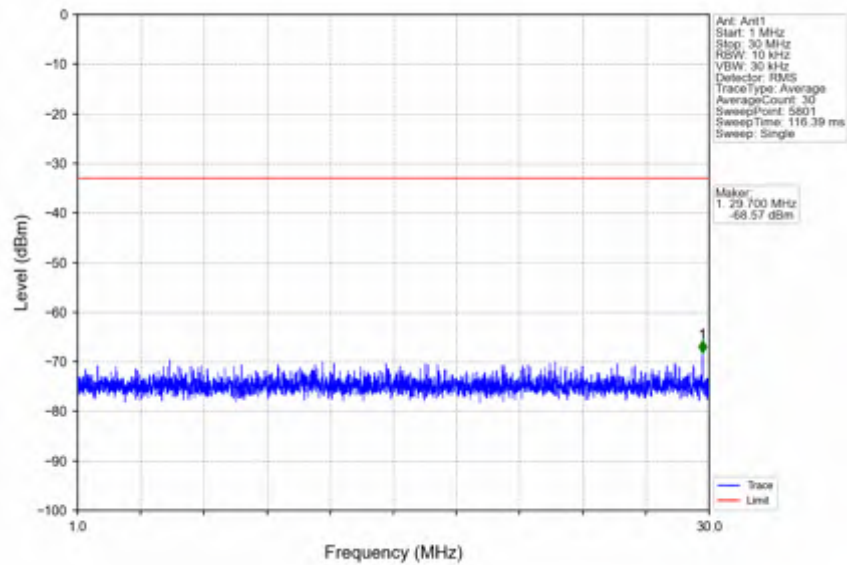


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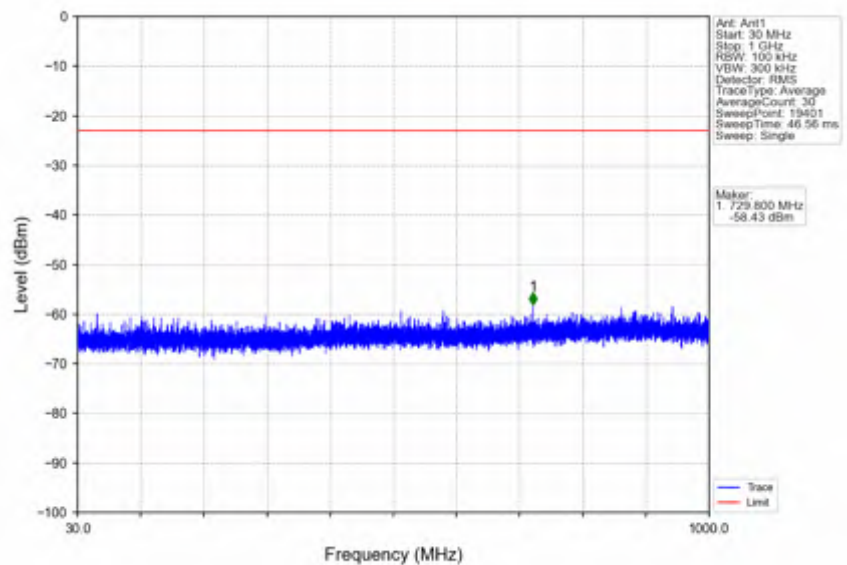
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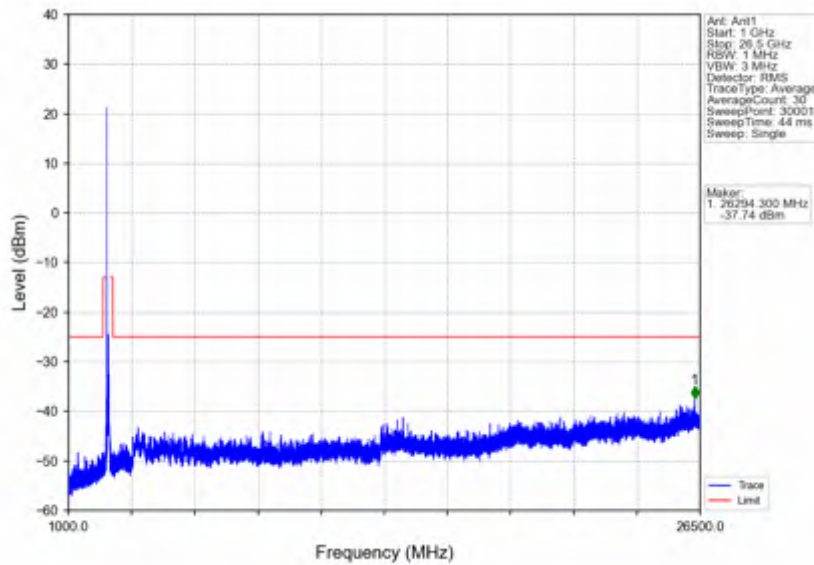
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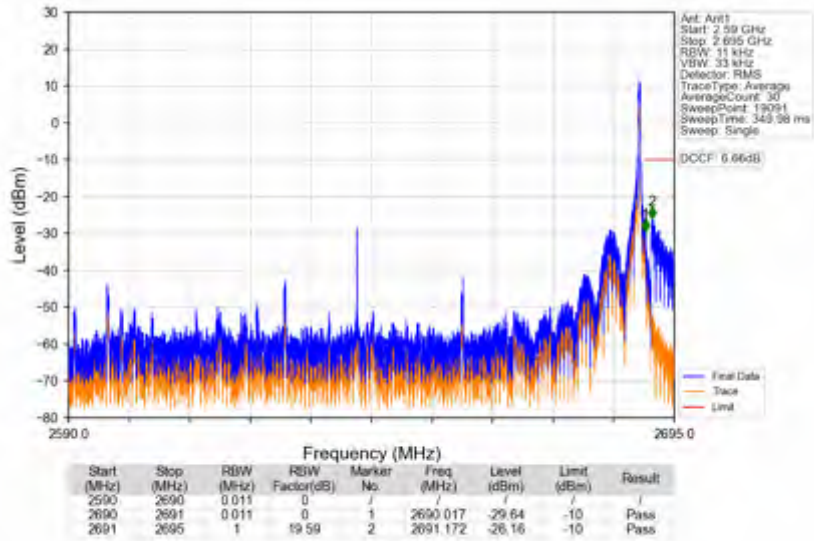
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Edge\_1RB\_Right



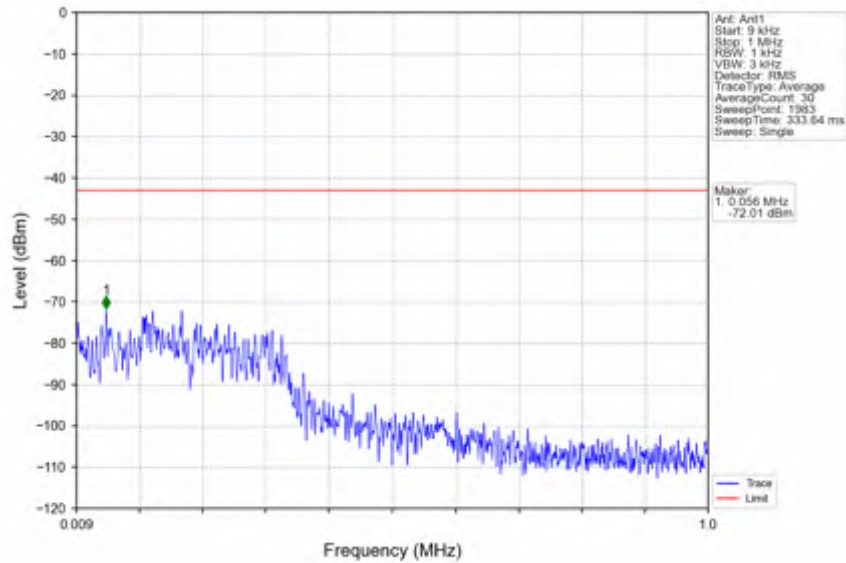
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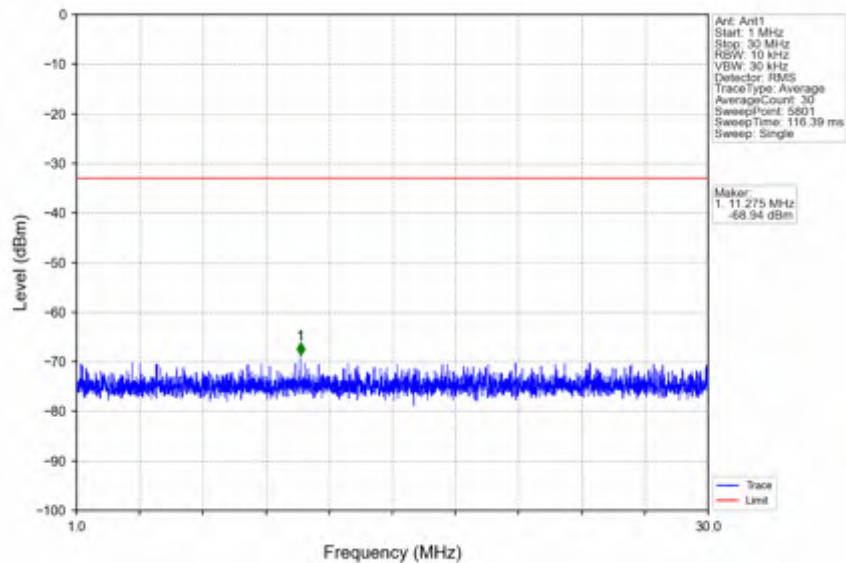
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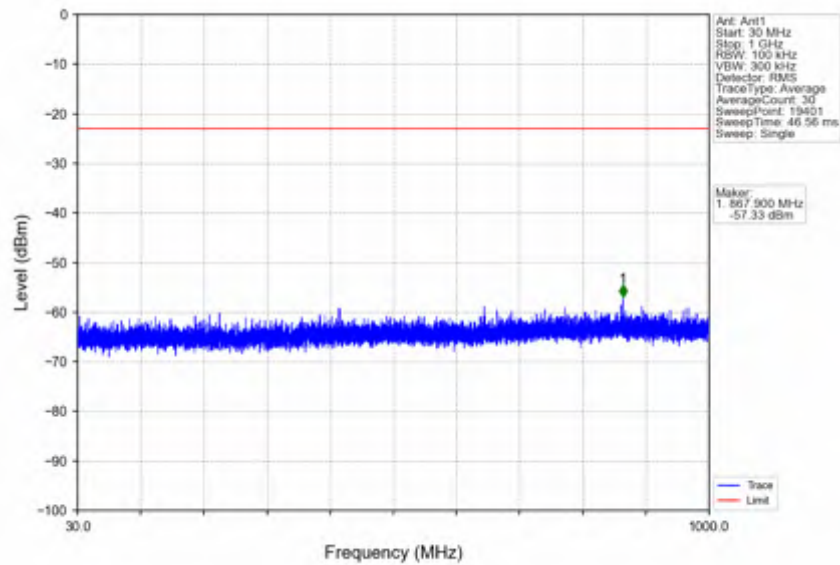
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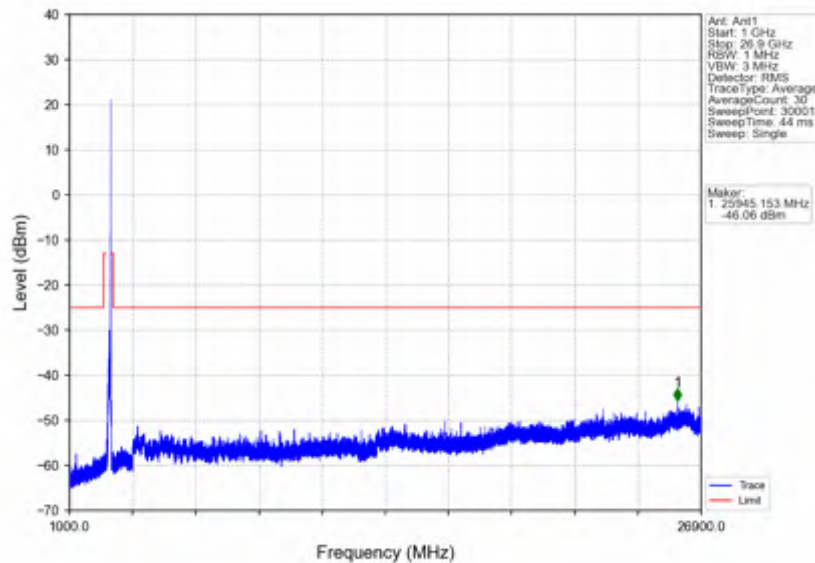
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_2640MHz\_Edge\_1RB\_Right



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_2640MHz\_Edge\_1RB\_Right



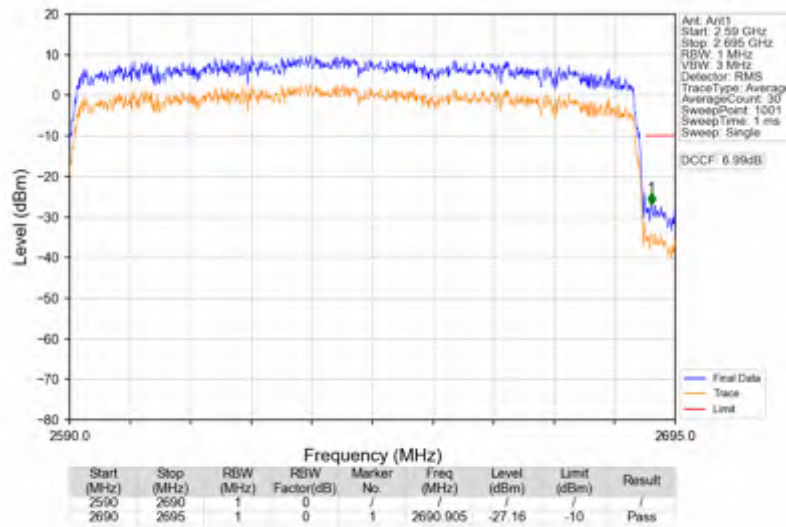
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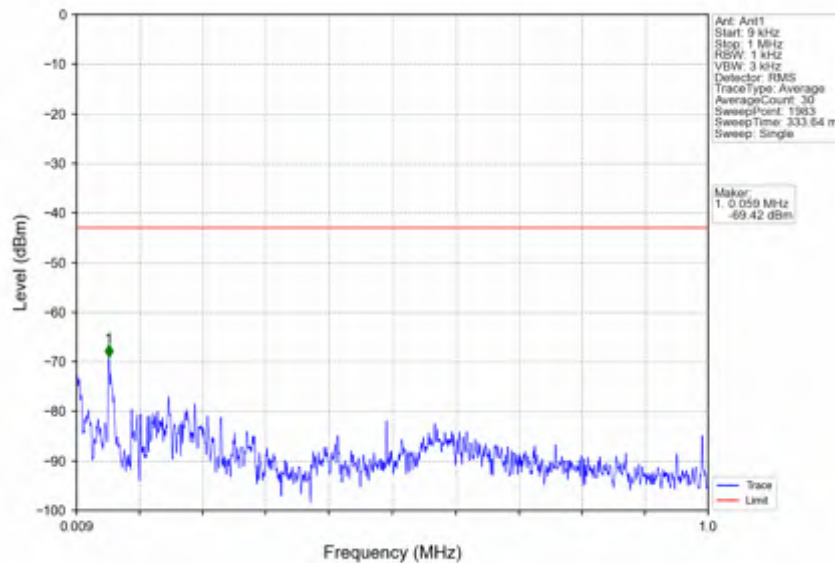
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Outer\_Full



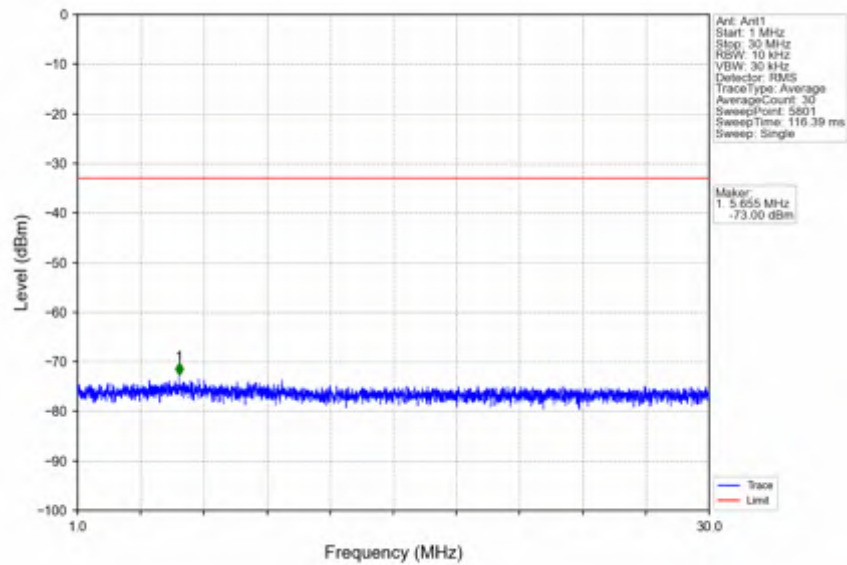
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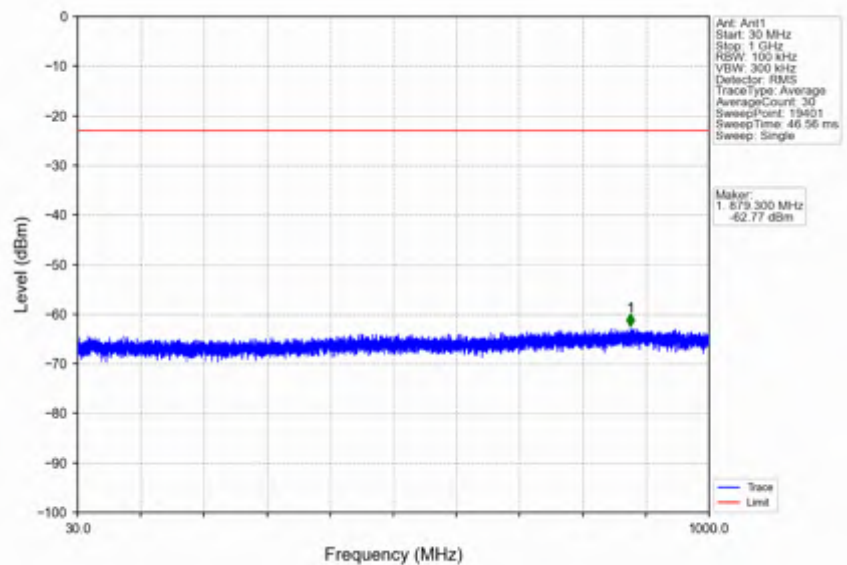
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Outer\_Full



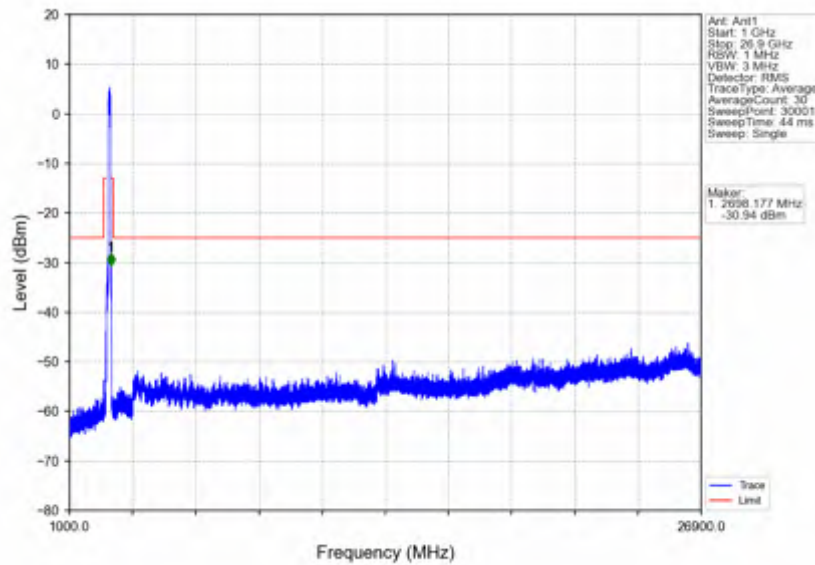
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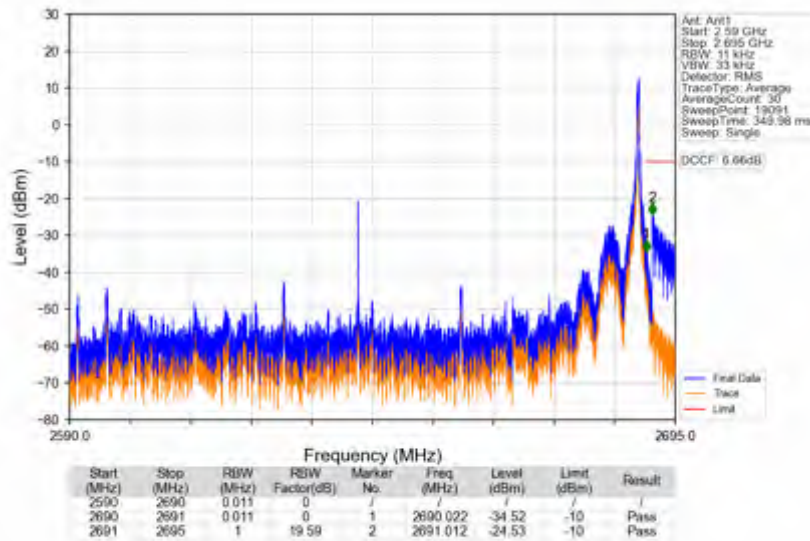
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Inner\_1RB\_Right



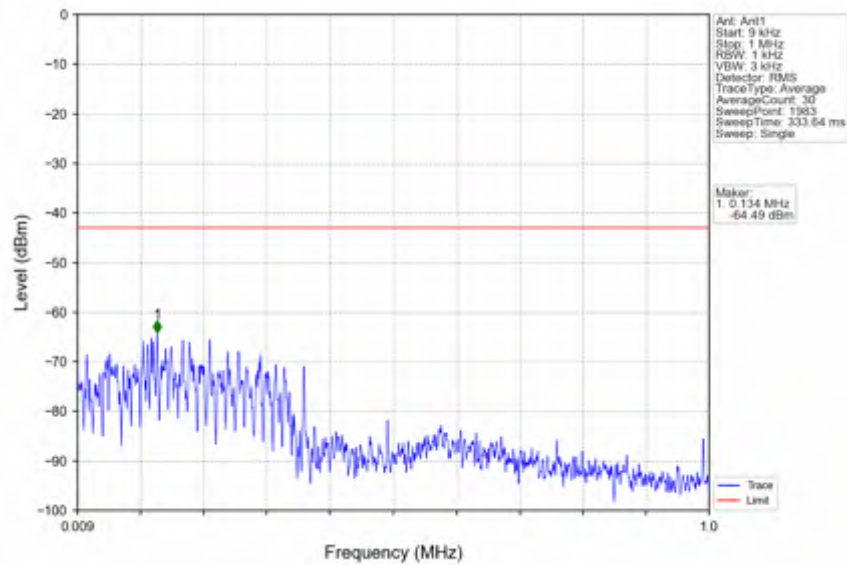
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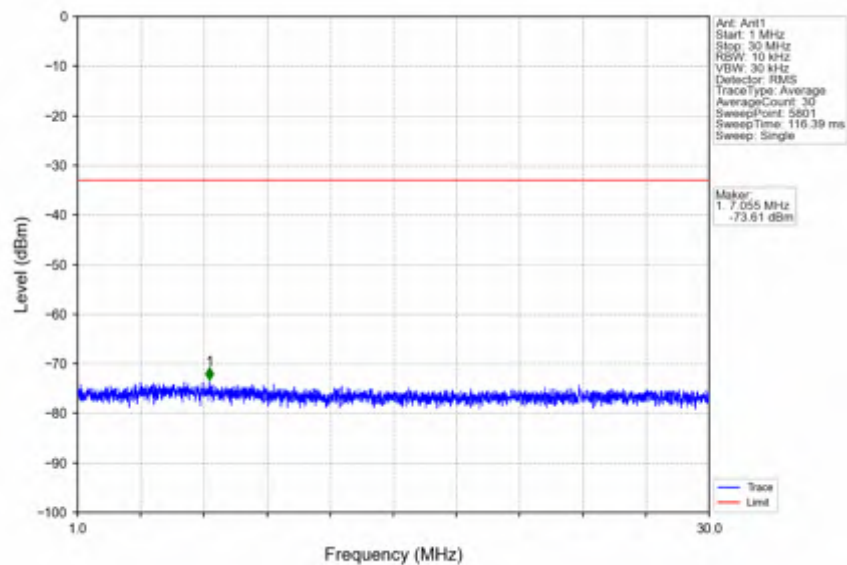
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Inner\_1RB\_Right



n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Inner\_1RB\_Right



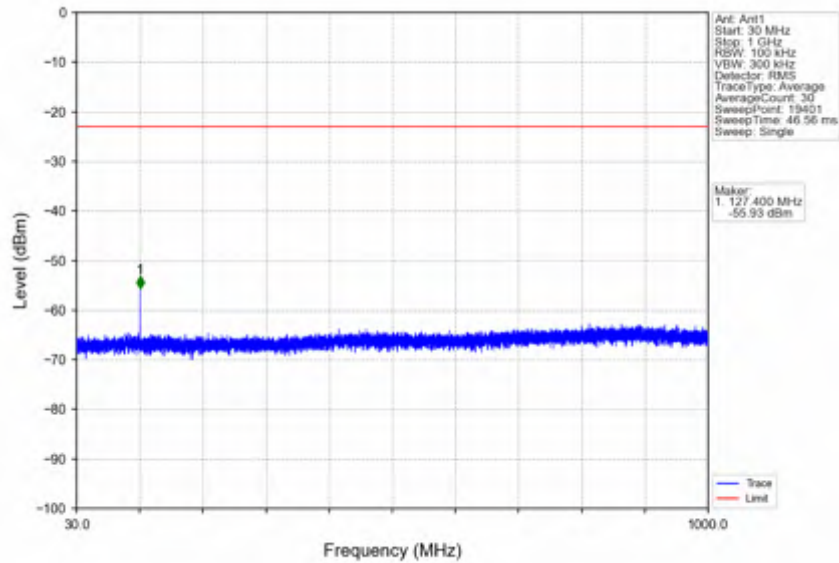
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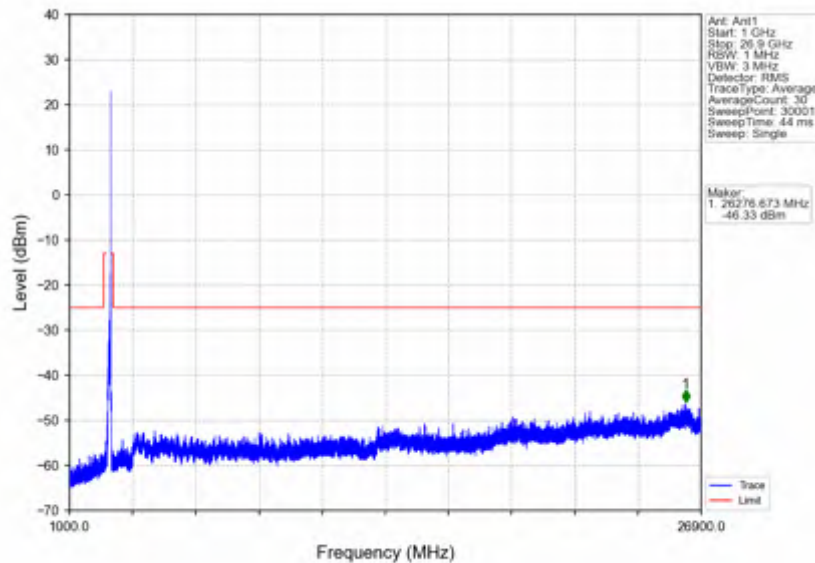
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n41\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_2640MHz\_Inner\_1RB\_Right



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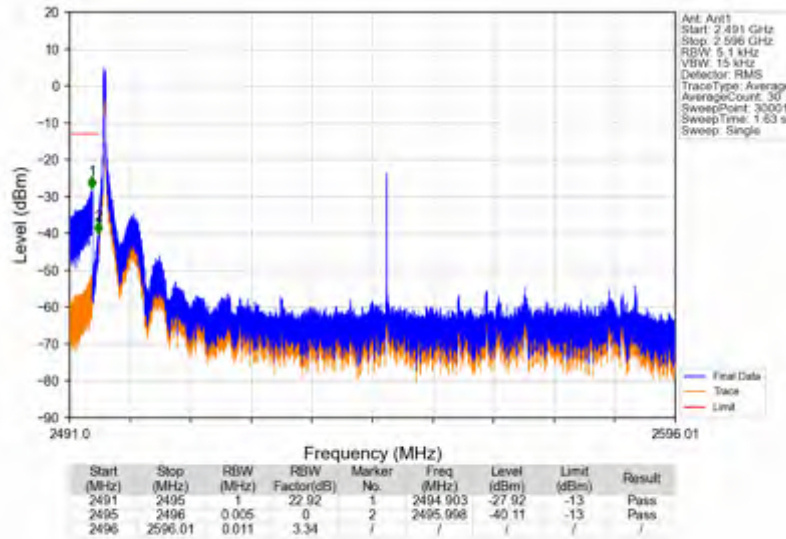


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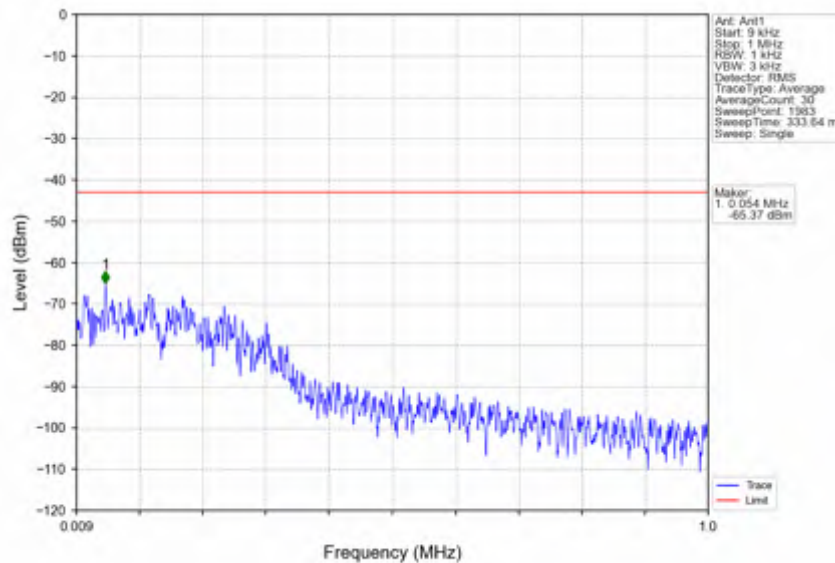
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n41\_30kHz\_SISO\_NTV\_100MHz\_CP-OFDM QPSK\_2546.01MHz\_Edge\_1RB\_Left



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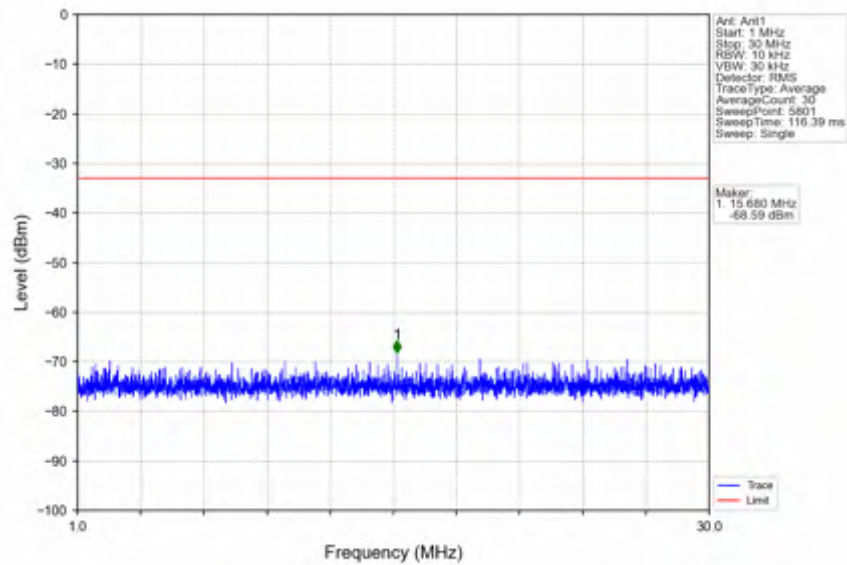


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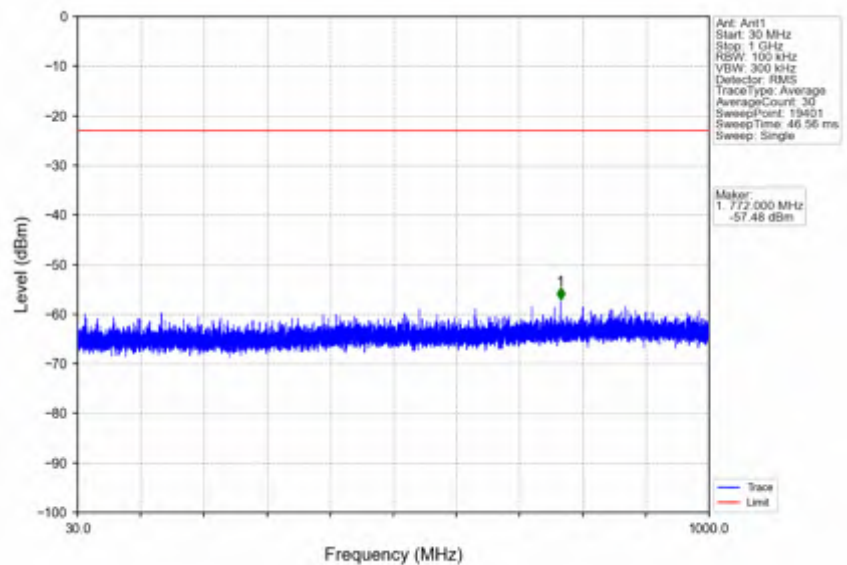
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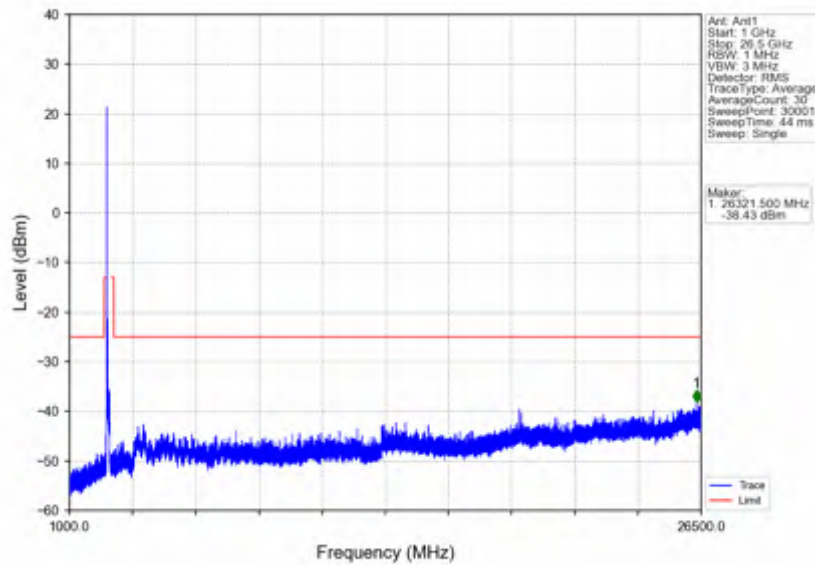
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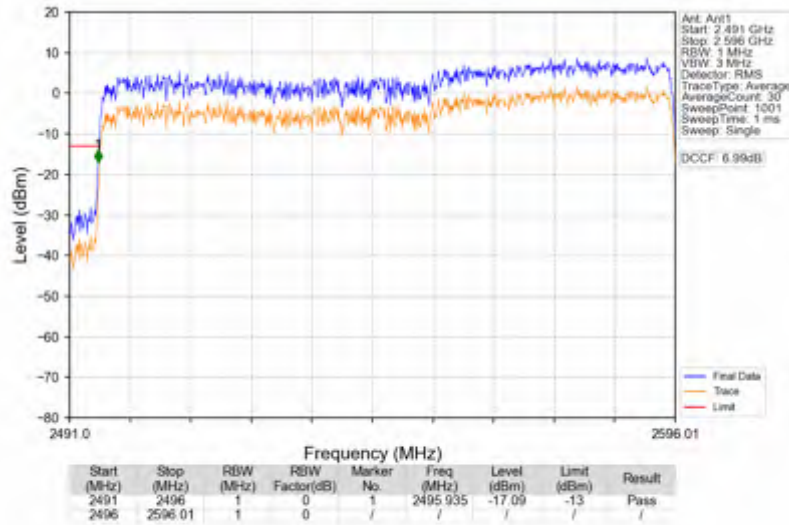
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n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2546.01MHz\_Edge\_1RB\_Left



n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2546.01MHz\_Outer\_Full

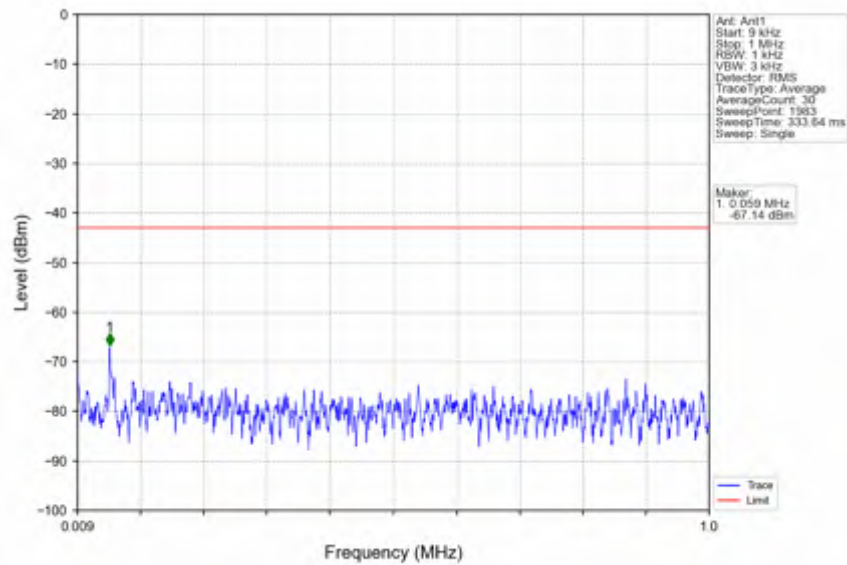


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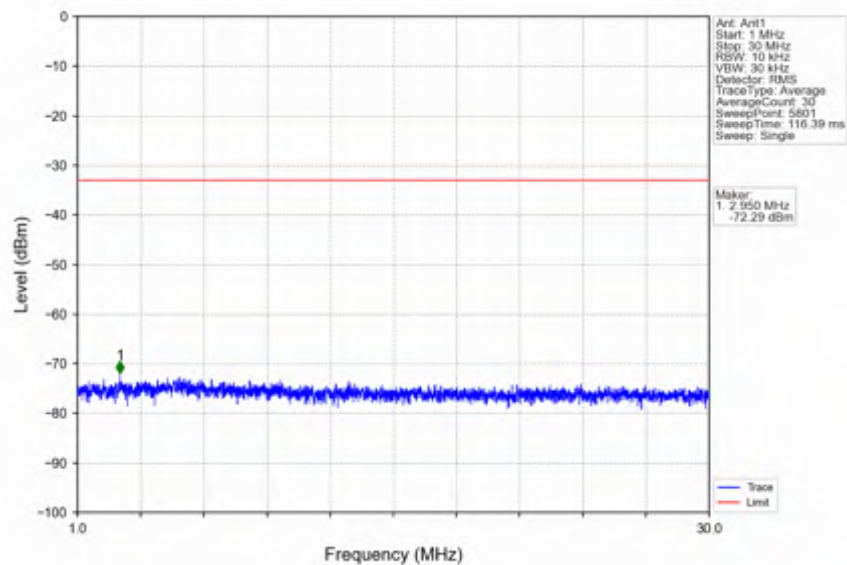
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n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2546.01MHz\_Outer\_Full



n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2546.01MHz\_Outer\_Full



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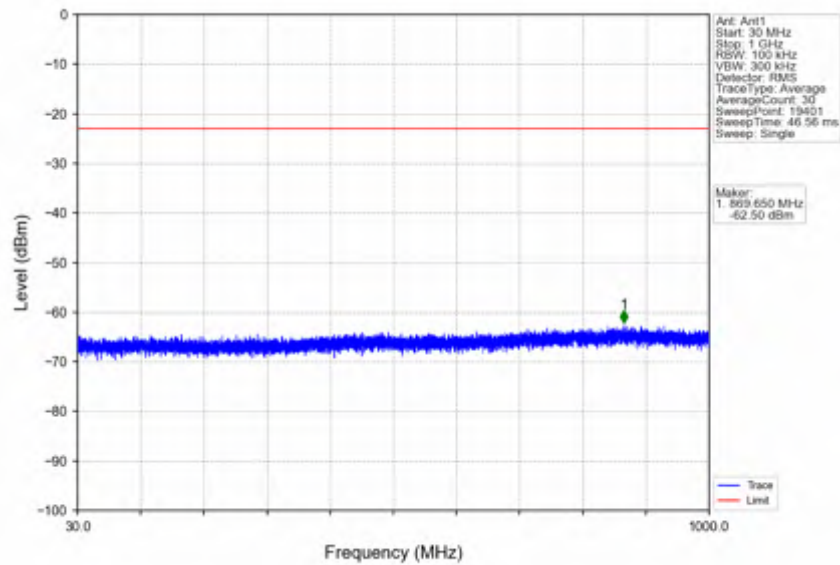
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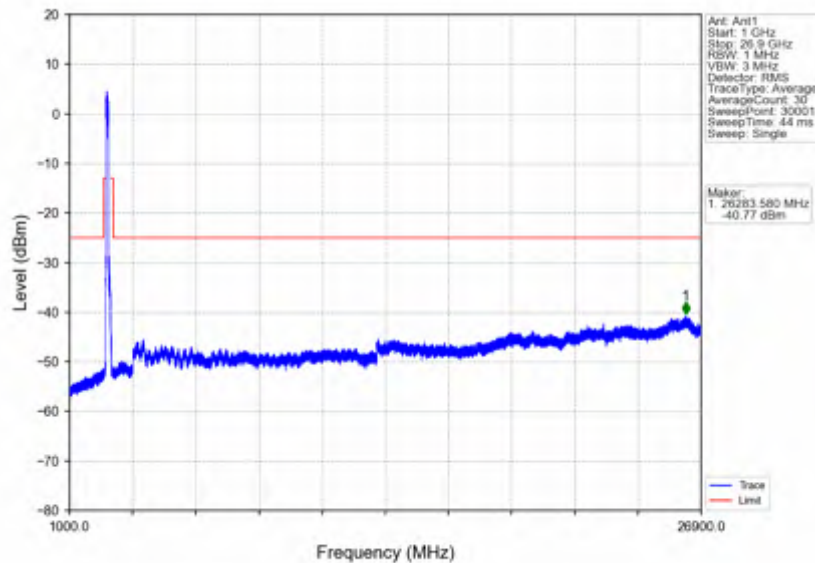
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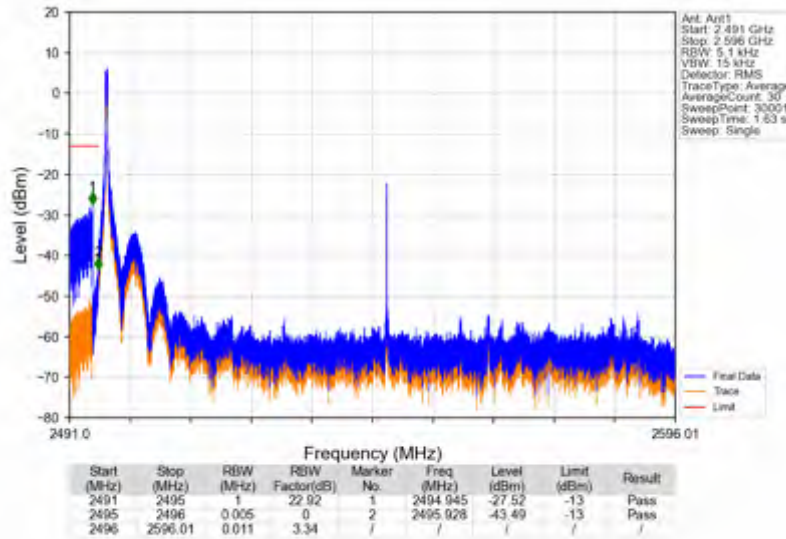
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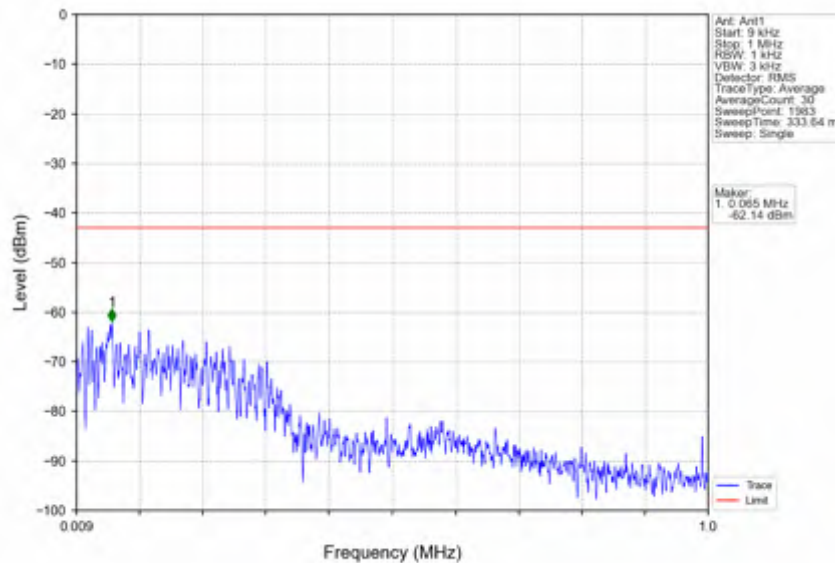
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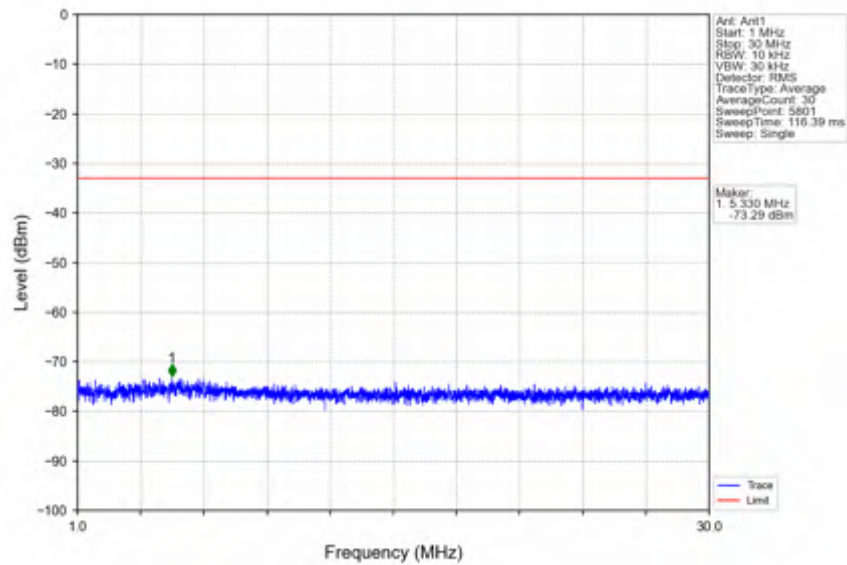


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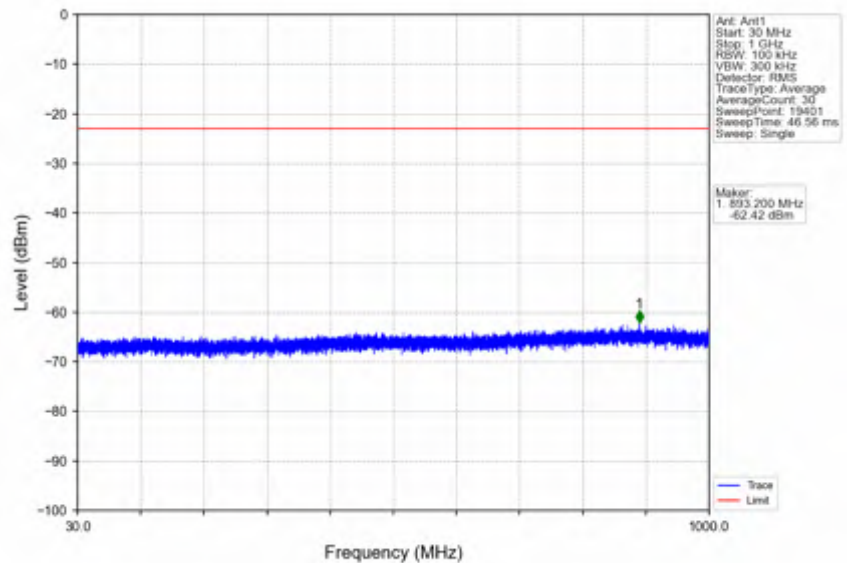
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n41\_30kHz\_SISO\_NTV\_100MHz\_CP-OFDM QPSK\_2546.01MHz\_Inner\_1RB\_Left



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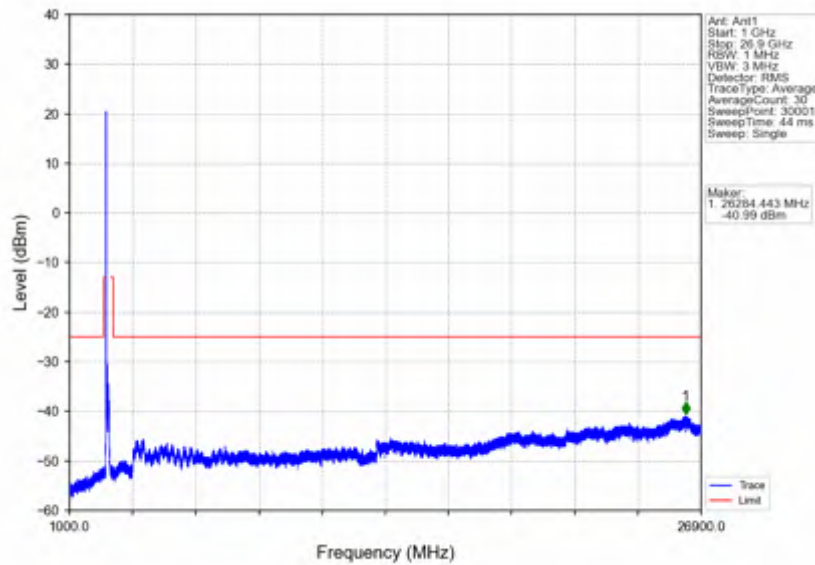
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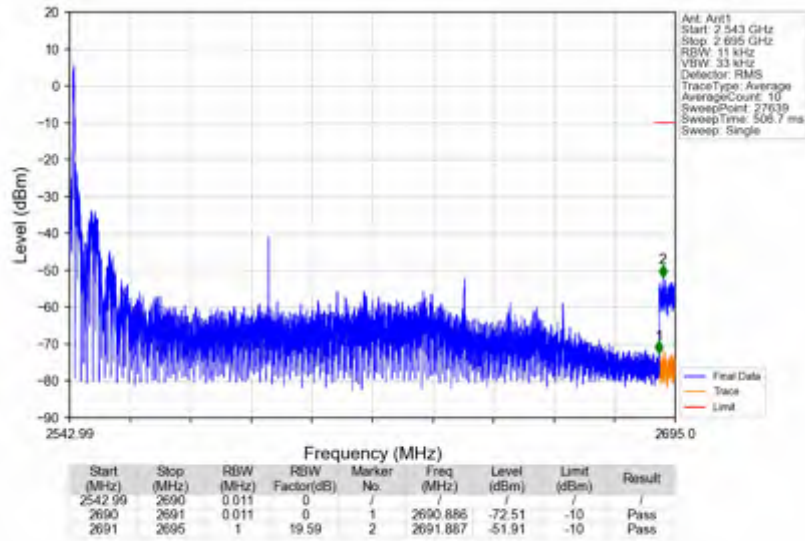
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n41\_30kHz\_SISO\_NTV\_100MHz\_CP-OFDM QPSK\_2546.01MHz\_Inner\_1RB\_Left



n41\_30kHz\_SISO\_NTV\_100MHz\_CP-OFDM QPSK\_2592.99MHz\_Edge\_1RB\_Left



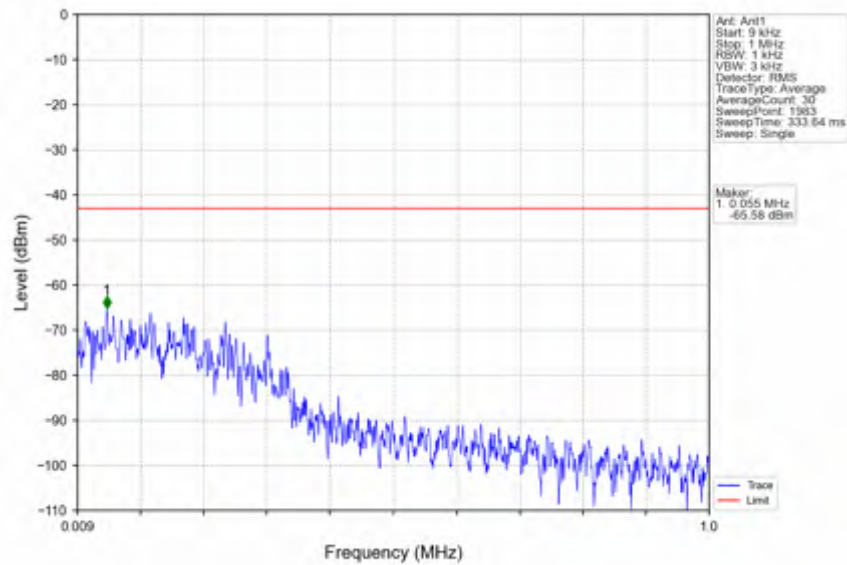
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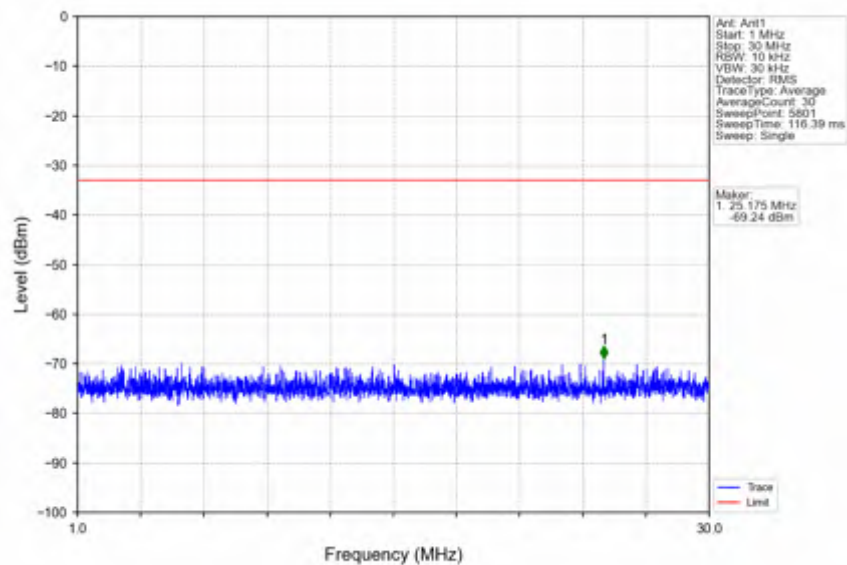
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n41\_30kHz\_SISO\_NTV\_100MHz\_CP-OFDM QPSK\_2592.99MHz\_Edge\_1RB\_Left



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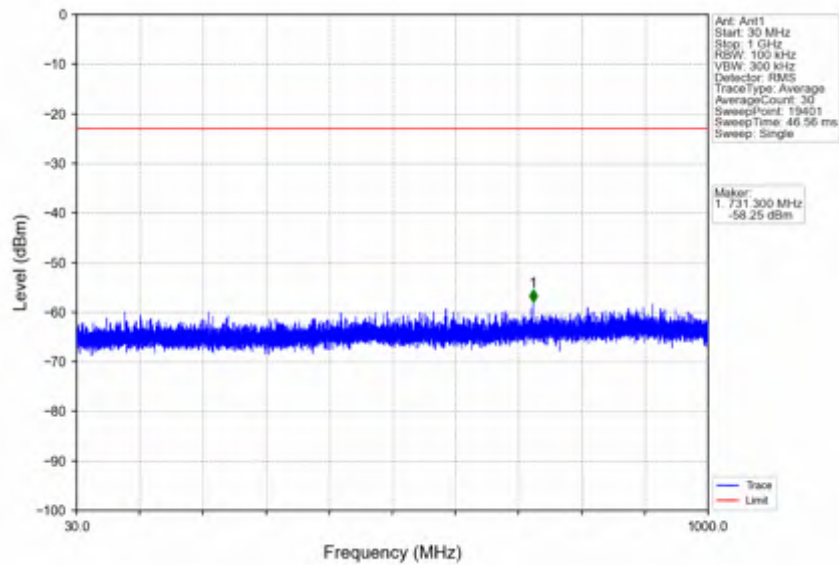
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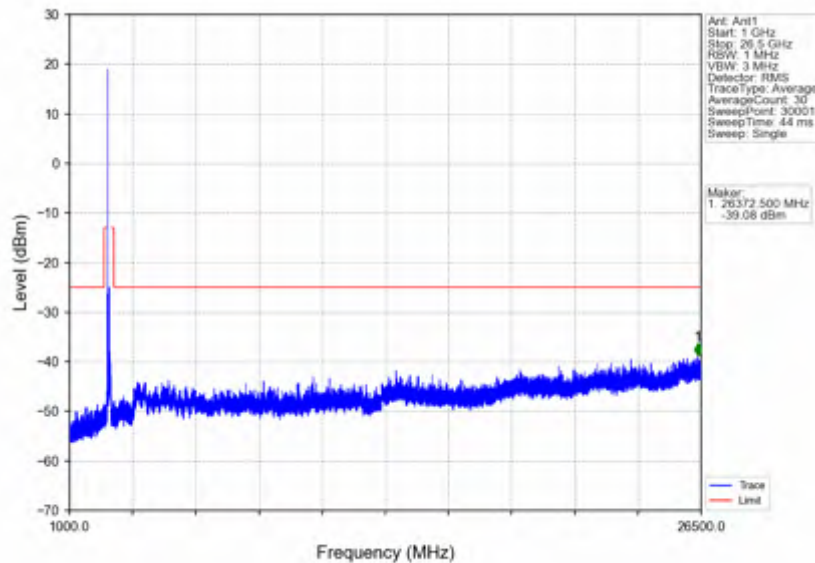
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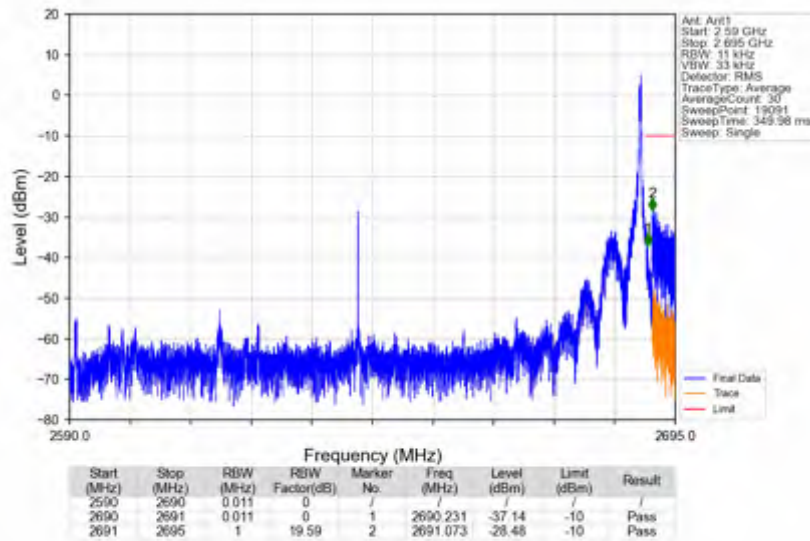
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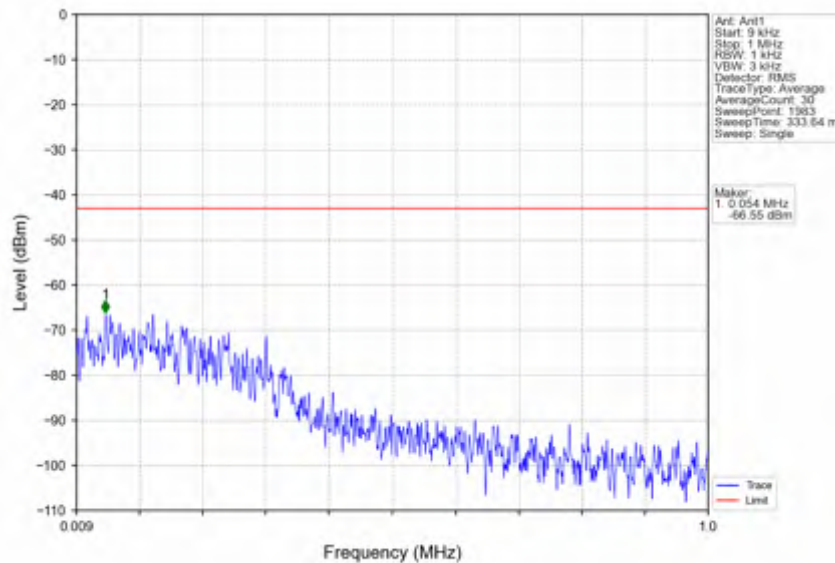
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n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2640MHz\_Edge\_1RB\_Right



n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2640MHz\_Edge\_1RB\_Right

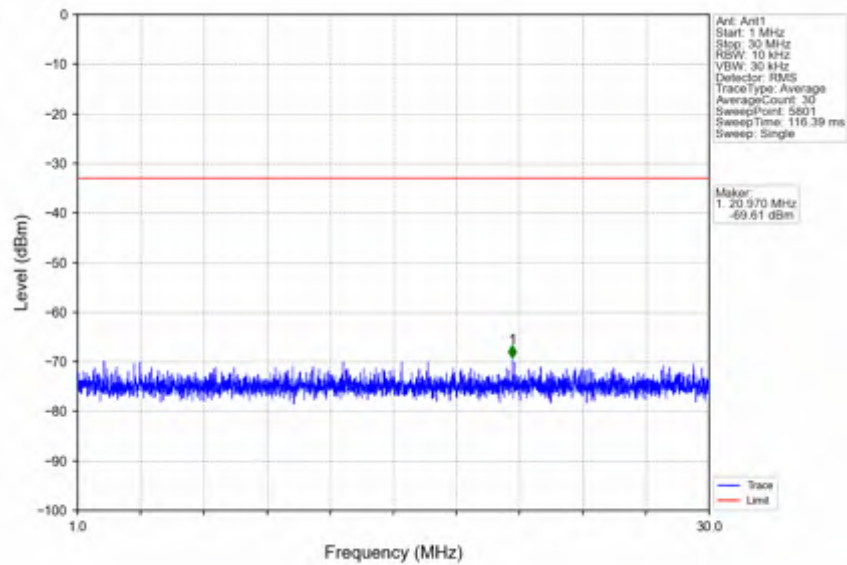


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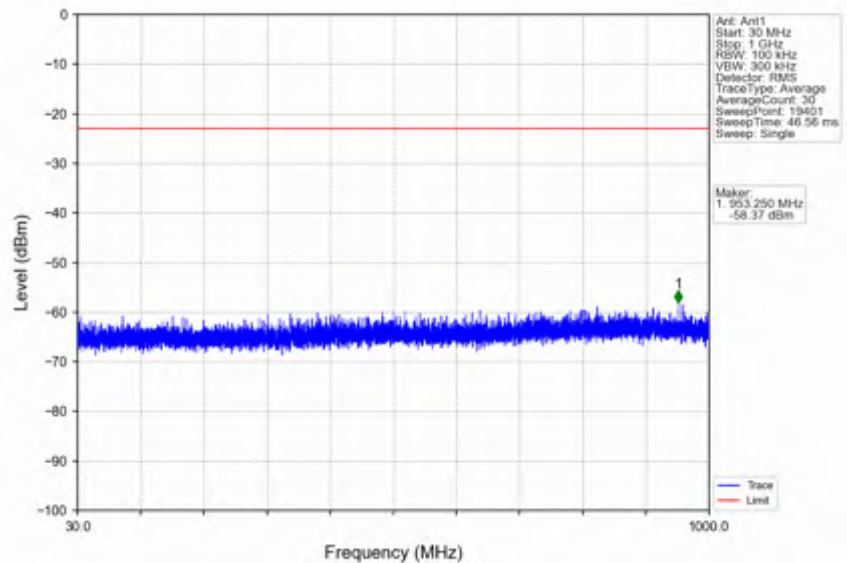
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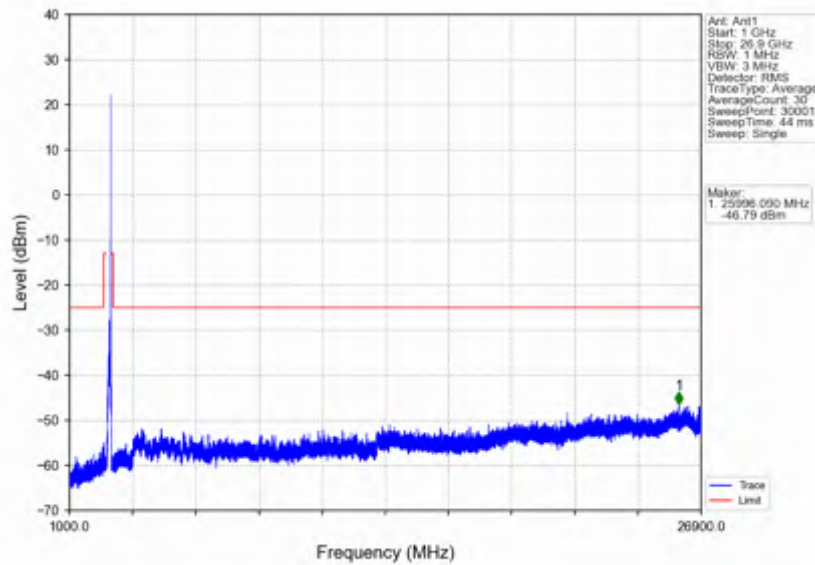
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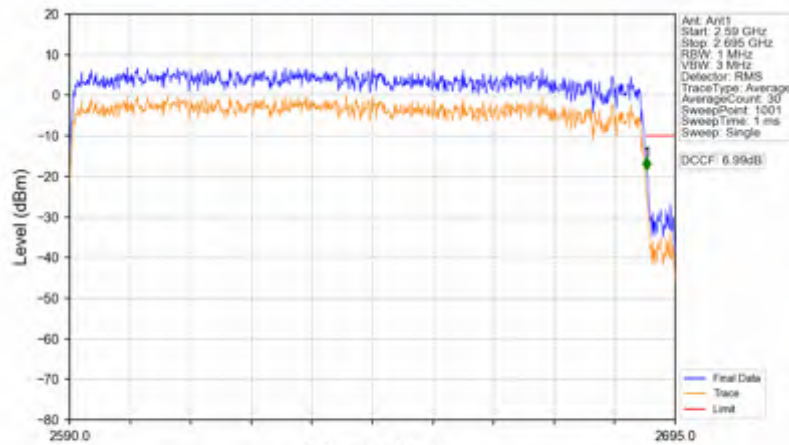
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n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2640MHz\_Edge\_1RB\_Right



n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2640MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2690	1	0	1	2690.065	-18.51	-10	Pass

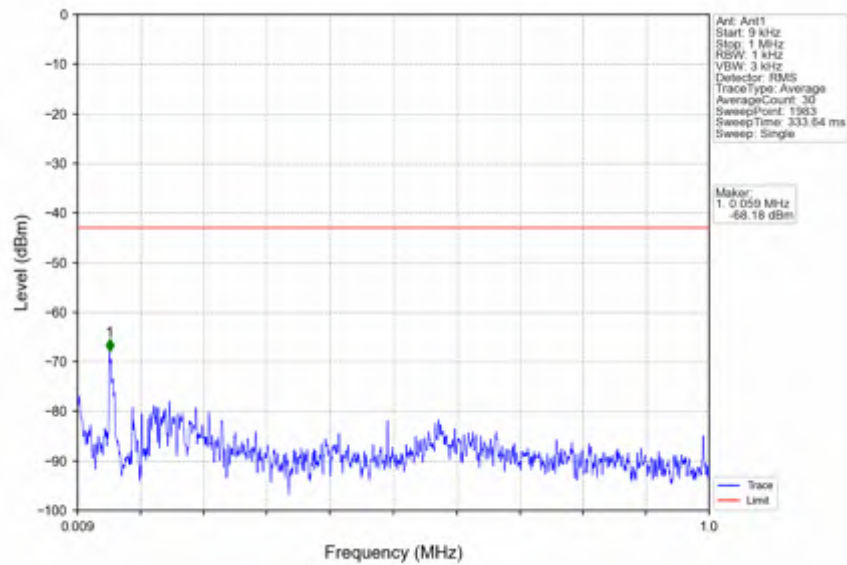


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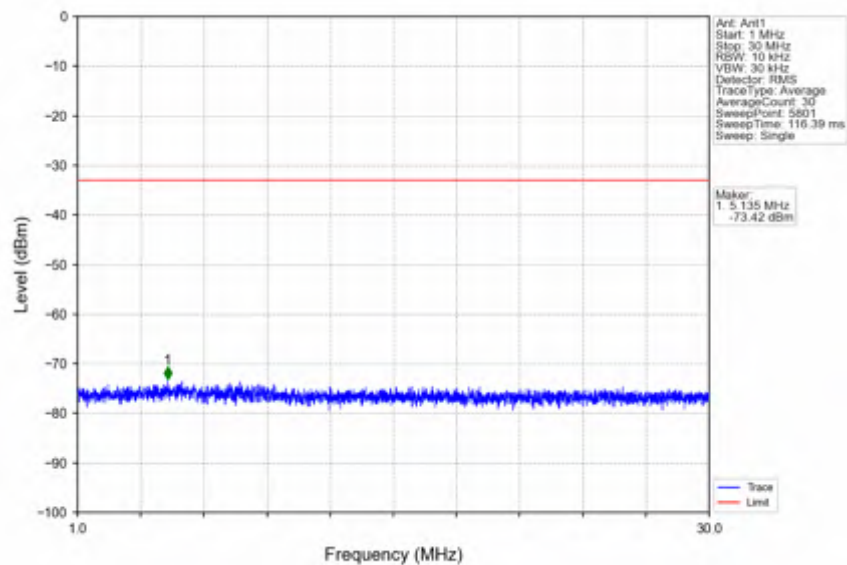
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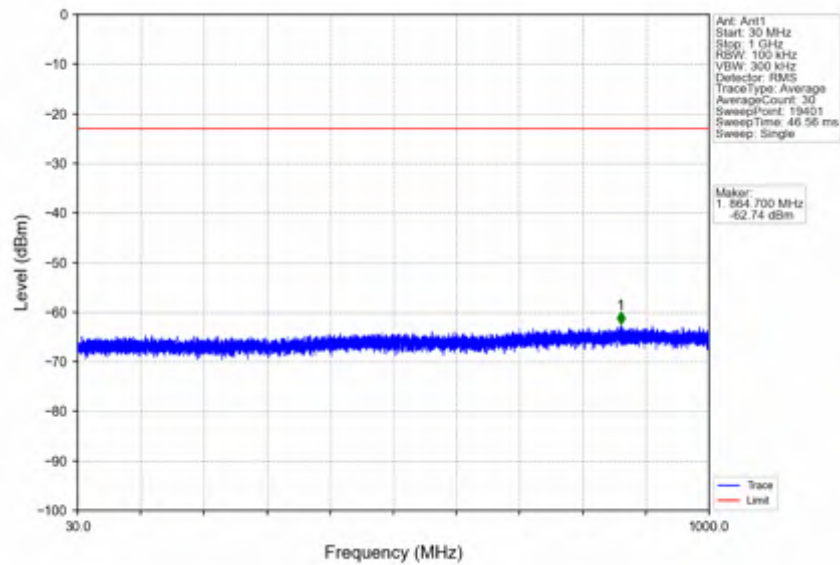
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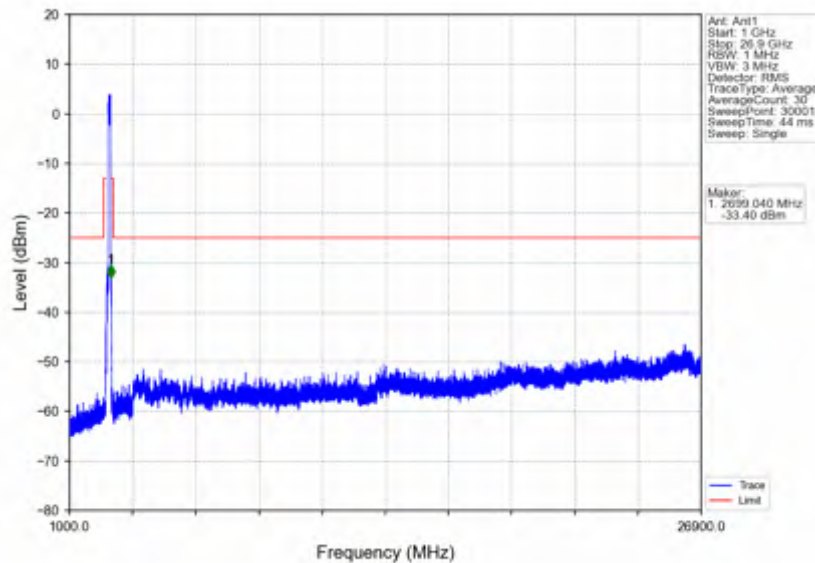
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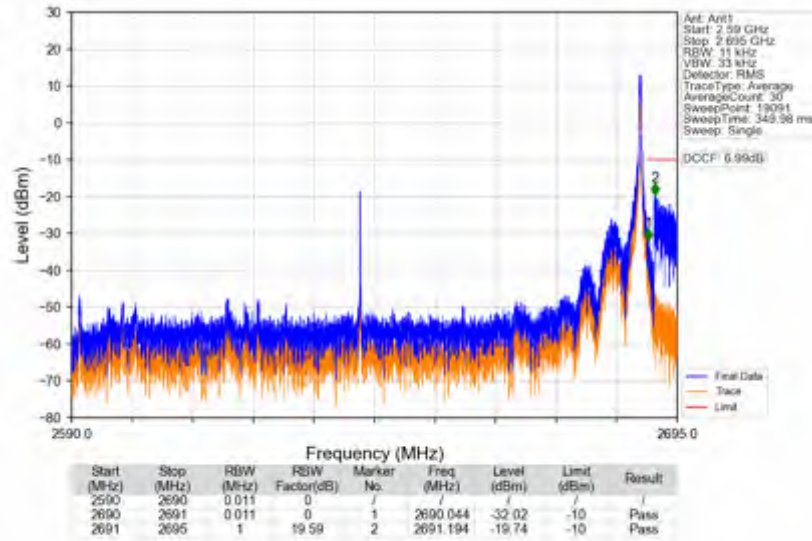
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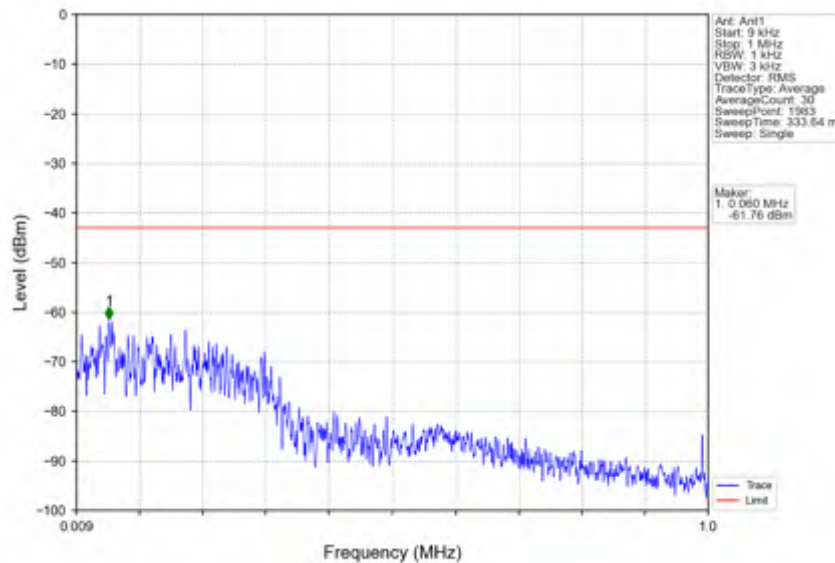
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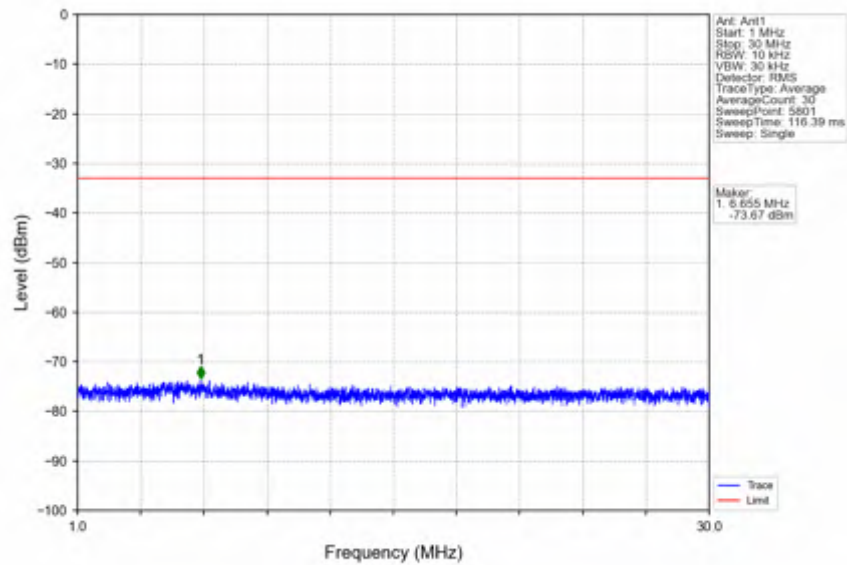
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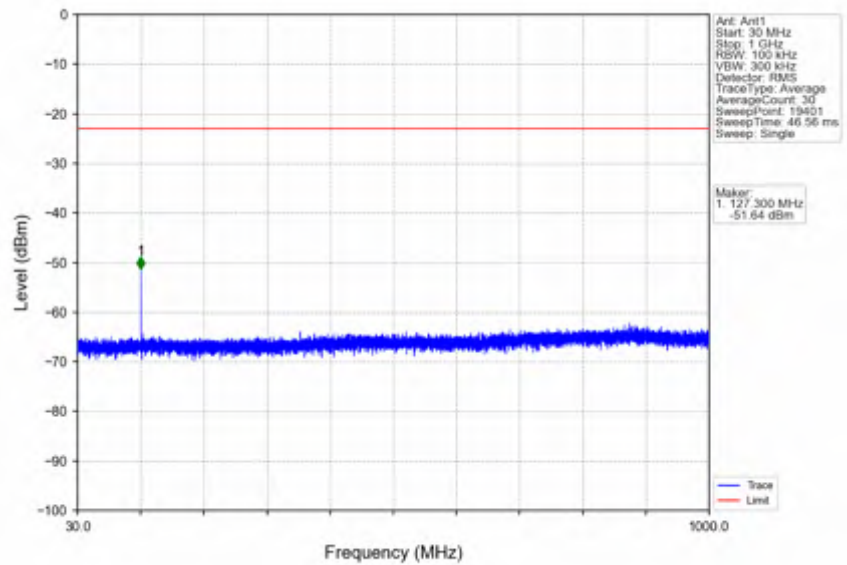
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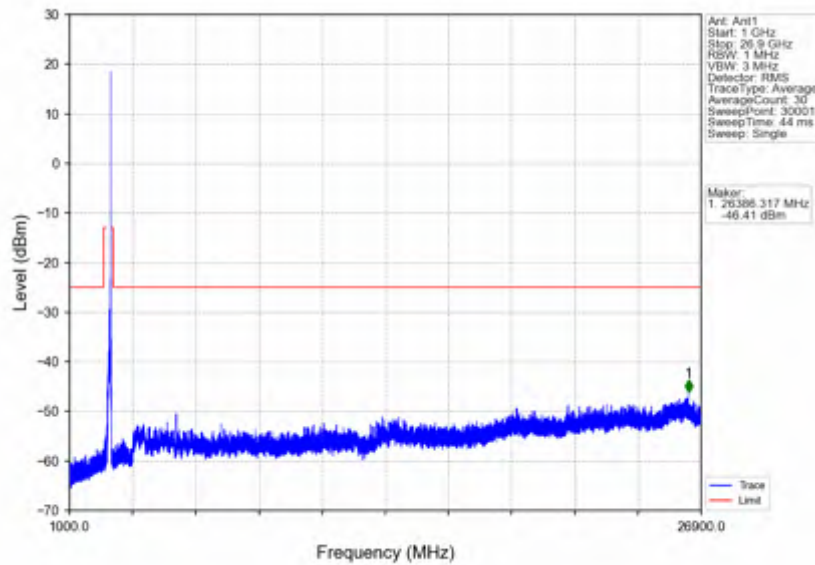
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n41\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_2640MHz\_Inner\_1RB\_Right



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7. n66 Spurious Emission

7.1 15k\_SISO\_5MHz\_NTNV

7.1.1 Test Result

5G NR n66 SCS=15kHz SISO 5MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	1712.5	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	1745	Edge_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Right	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
1777.5	Inner_1RB_Right	Refer To Test Graph			Pass		
	1712.5	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
Inner_1RB_Left		Refer To Test Graph			Pass		
DFT-s-OFDM QPSK	1745	Edge_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Right	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	1777.5	Inner_1RB_Right	Refer To Test Graph			Pass	
		1712.5	Edge_1RB_Left	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
Inner_1RB_Left	Refer To Test Graph			Pass			
CP-OFDM QPSK	1745	Edge_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Right	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	1777.5	Inner_1RB_Right	Refer To Test Graph			Pass	
		1712.5	Edge_1RB_Left	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
Inner_1RB_Left	Refer To Test Graph			Pass			

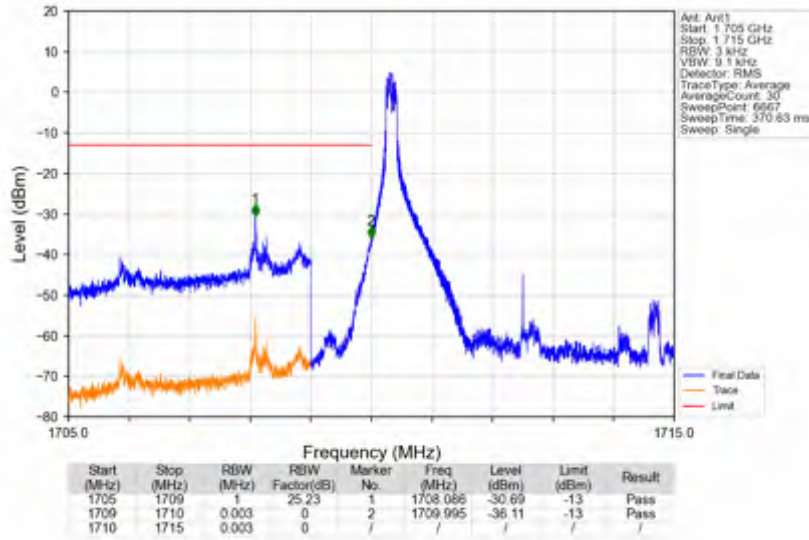


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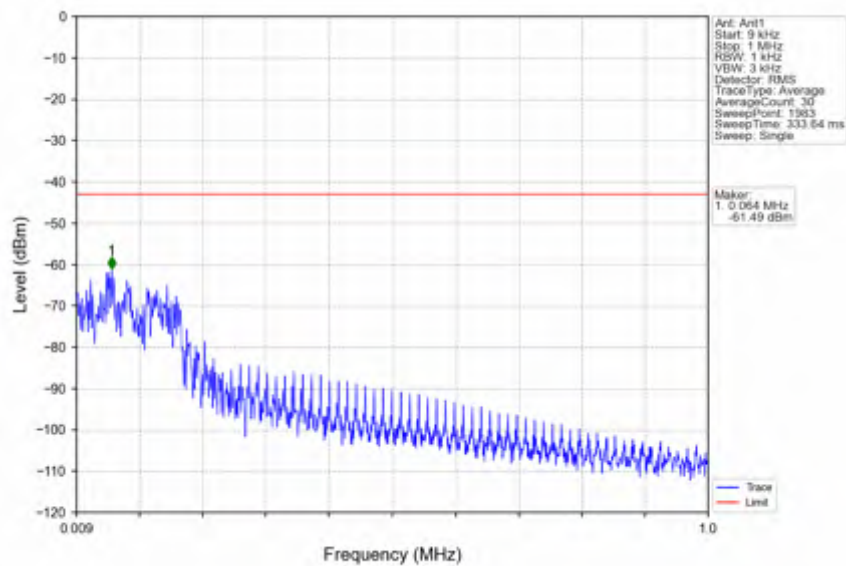
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## 7.1.2 Test Graph

n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1712.5MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1712.5MHz\_Edge\_1RB\_Left



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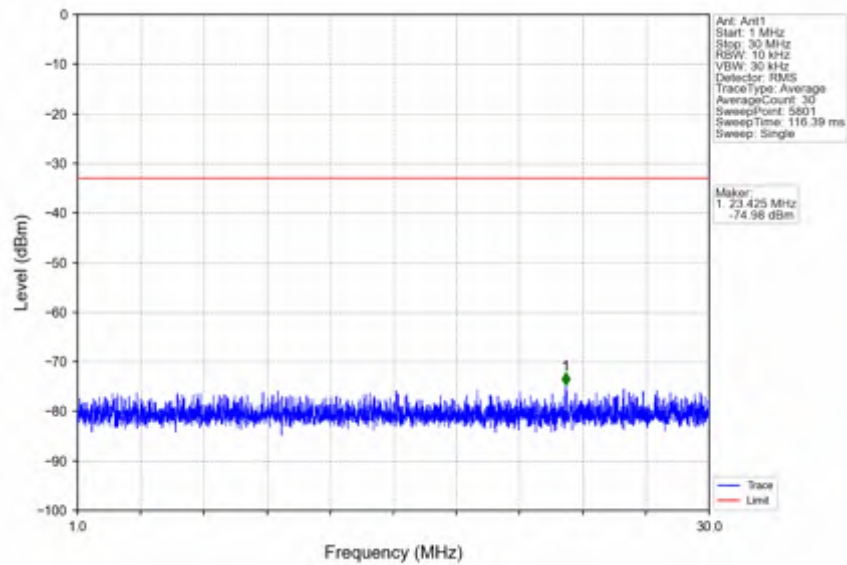
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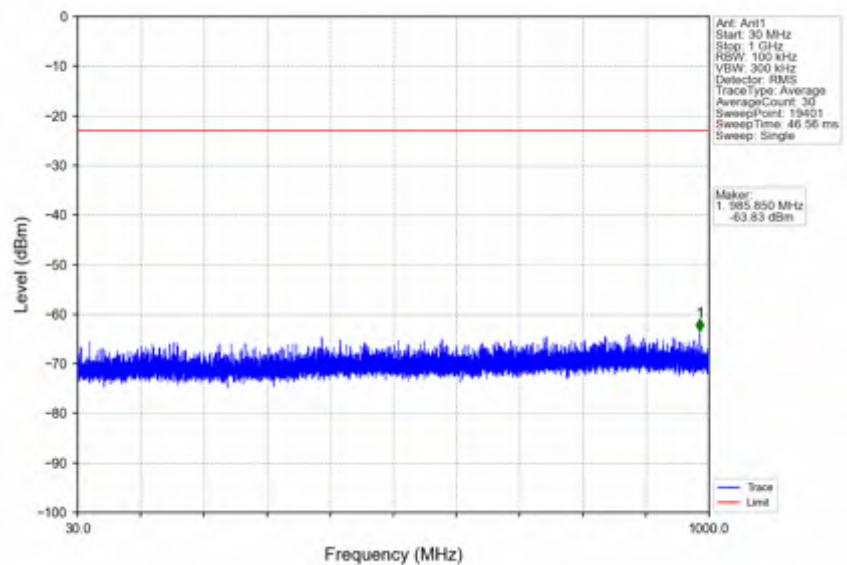
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1712.5MHz\_Edge\_1RB\_Left



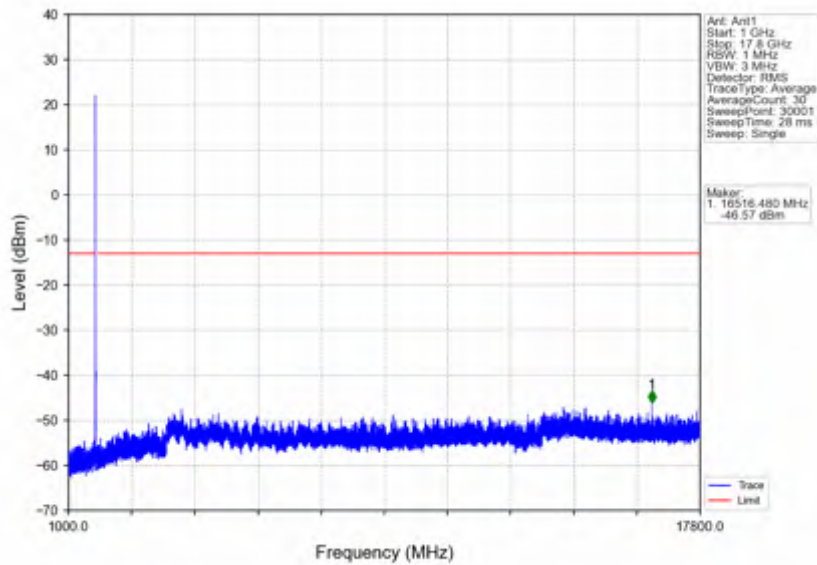
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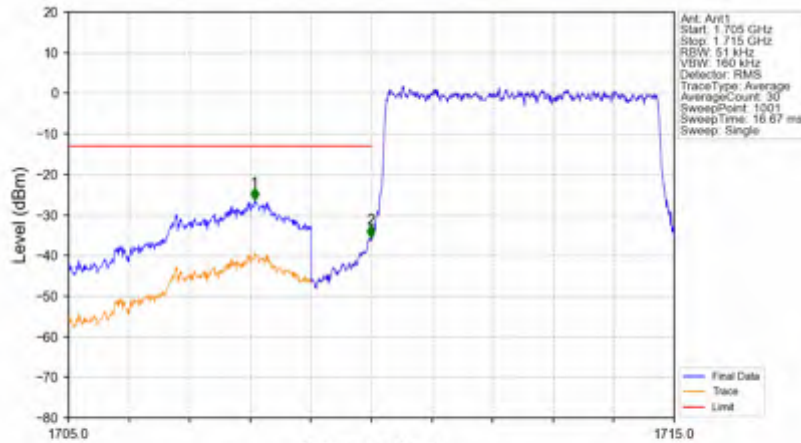
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1712.5MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1712.5MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	12.92	1	1708.070	-26.41	-13	Pass
1709	1710	0.051	0	2	1709.990	-35.60	-13	Pass
1710	1715	0.051	0	/	/	/	/	/

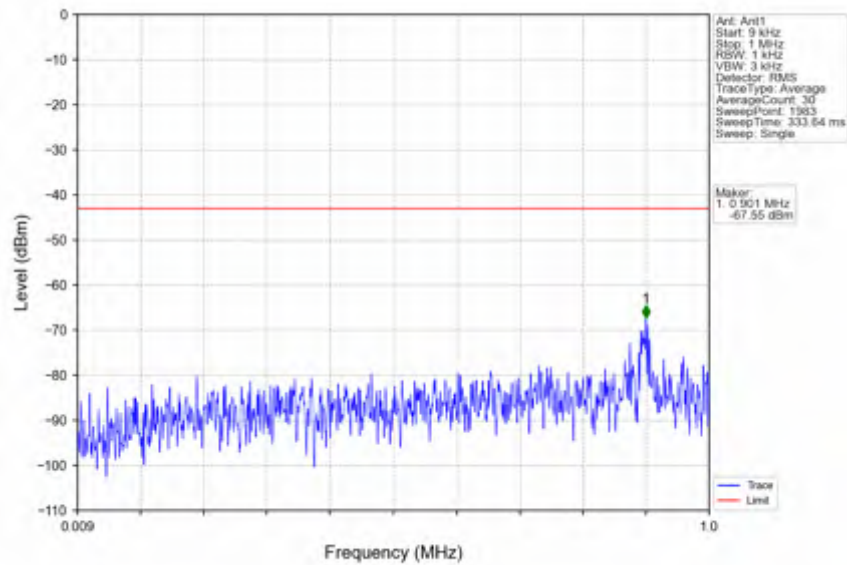


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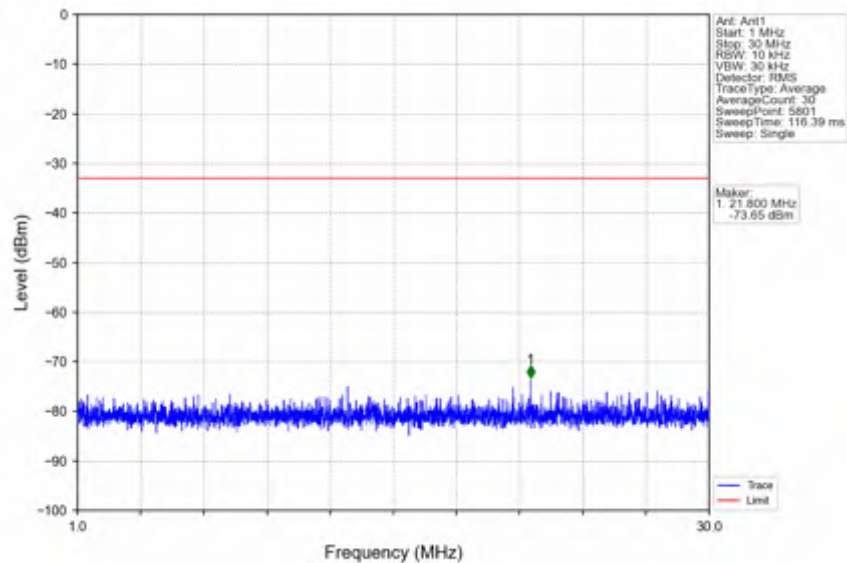
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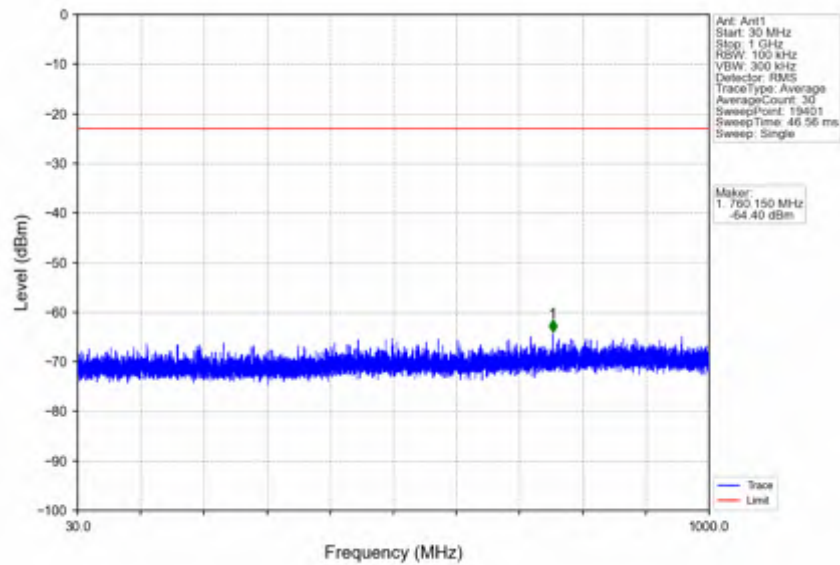
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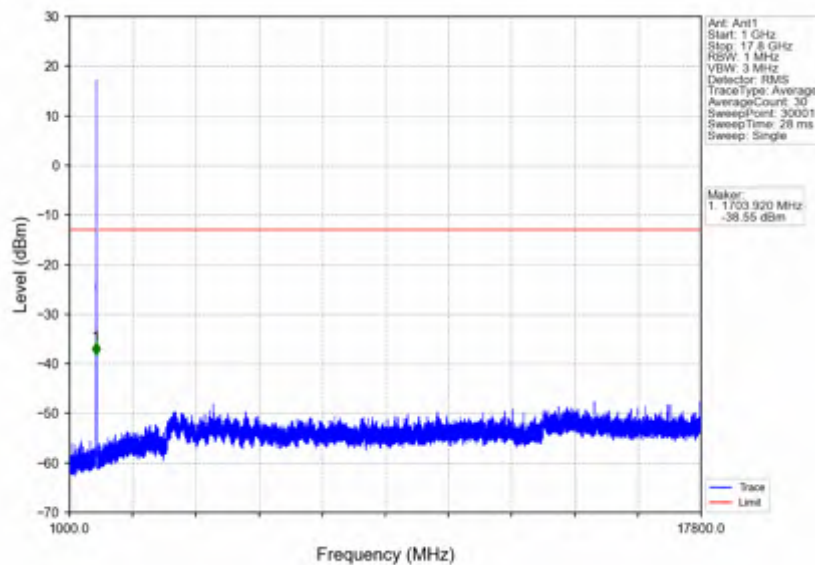
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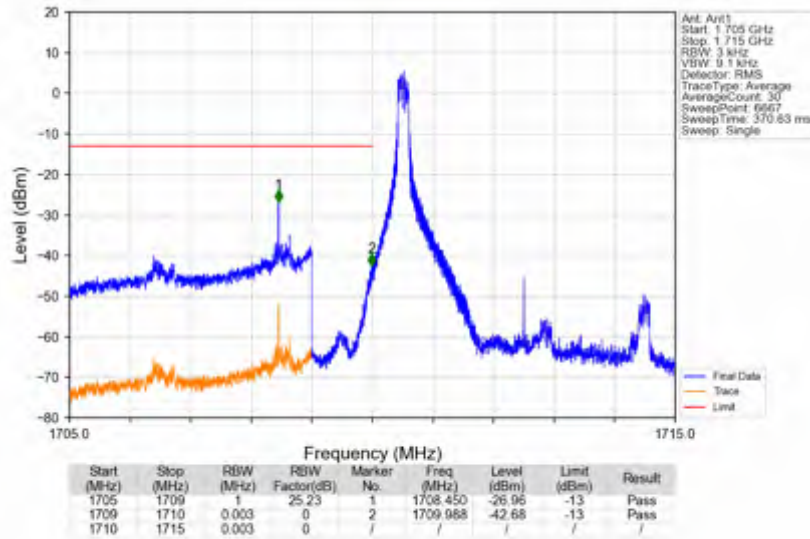
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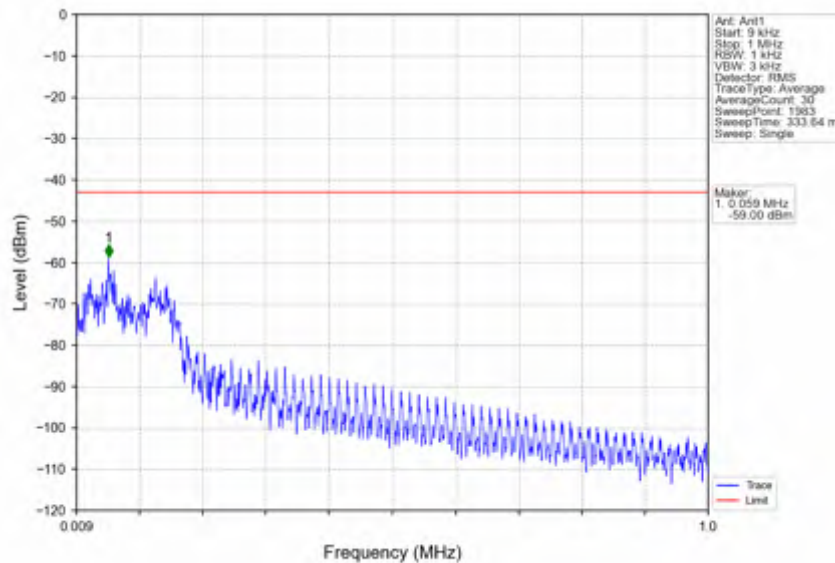
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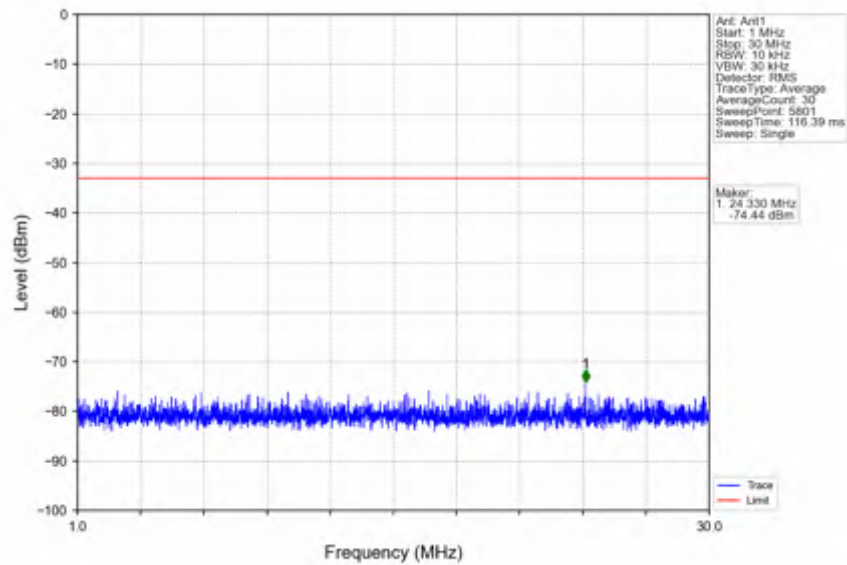


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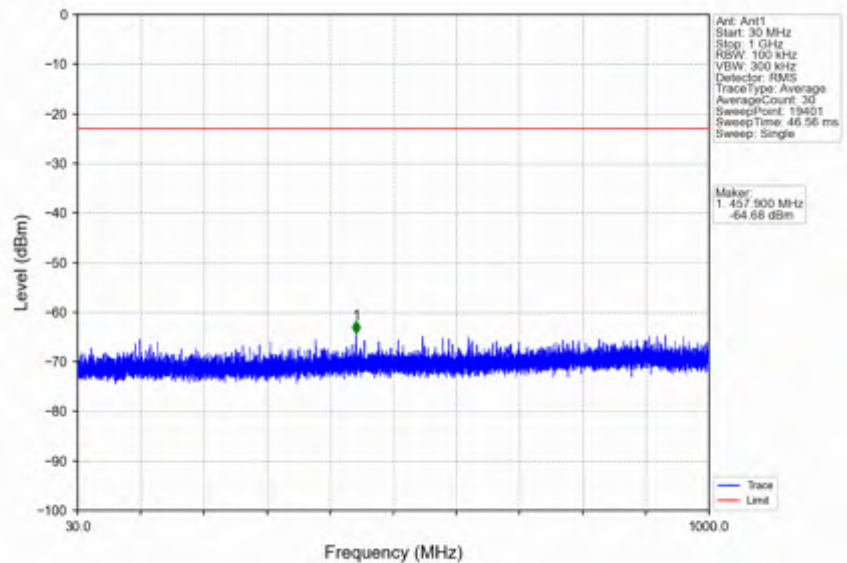
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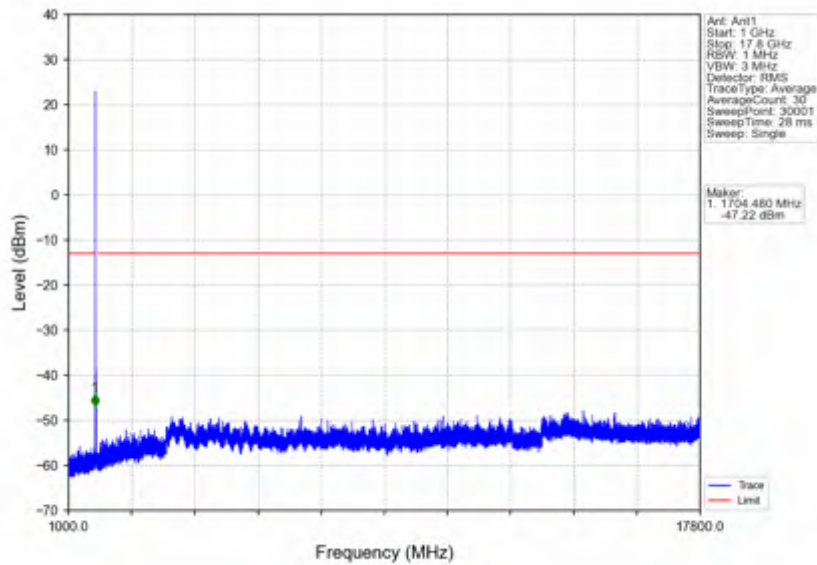
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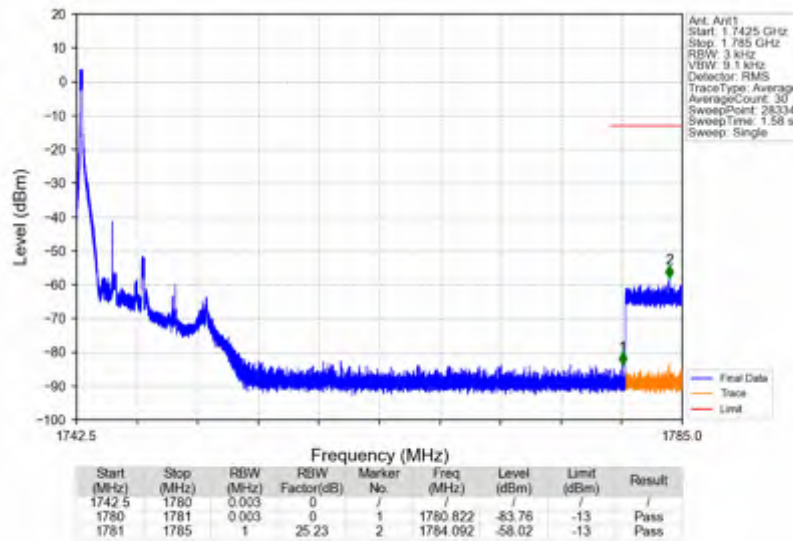
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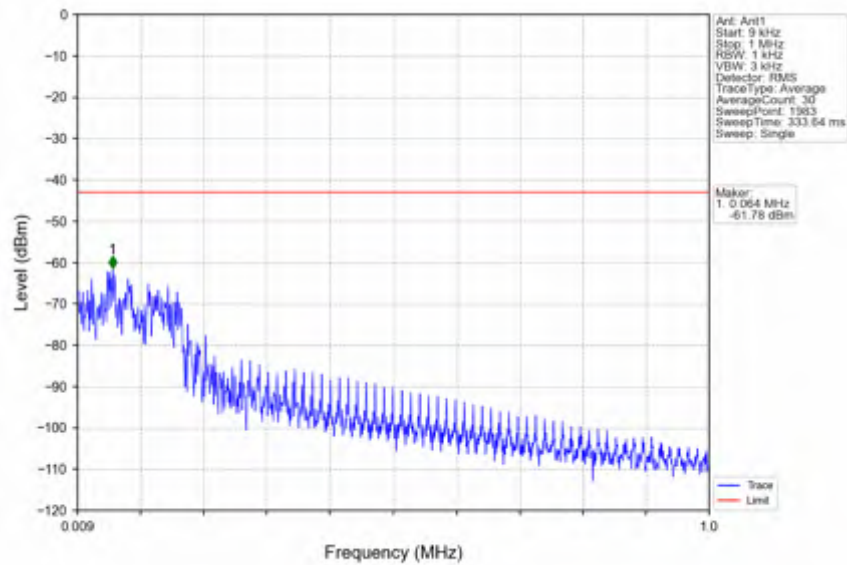


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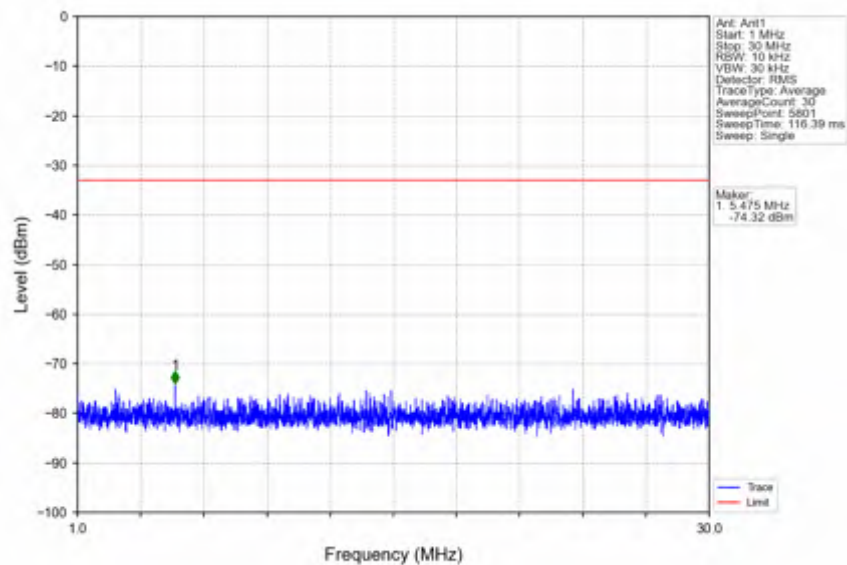
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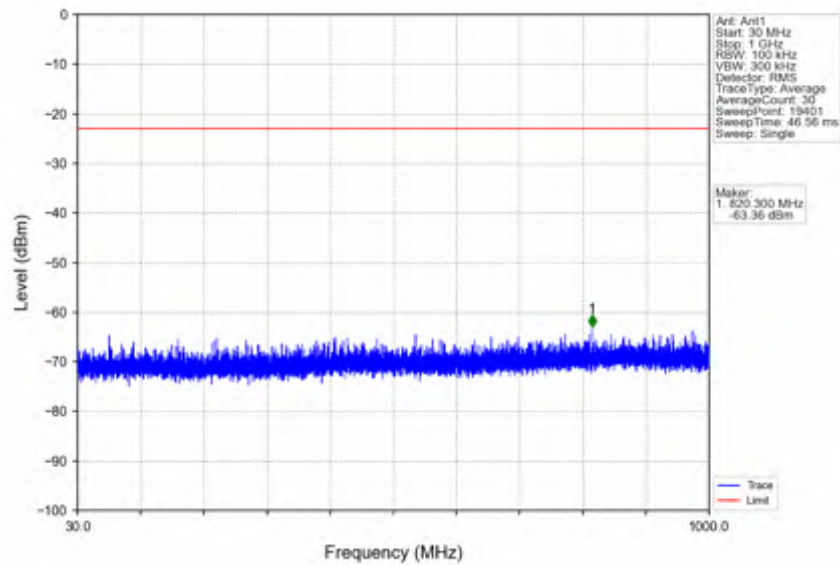


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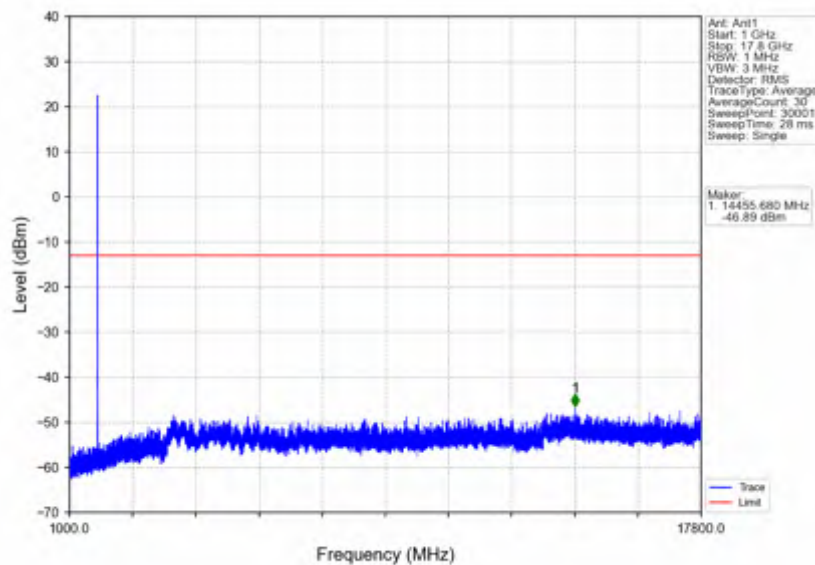
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Edge\_1RB\_Left



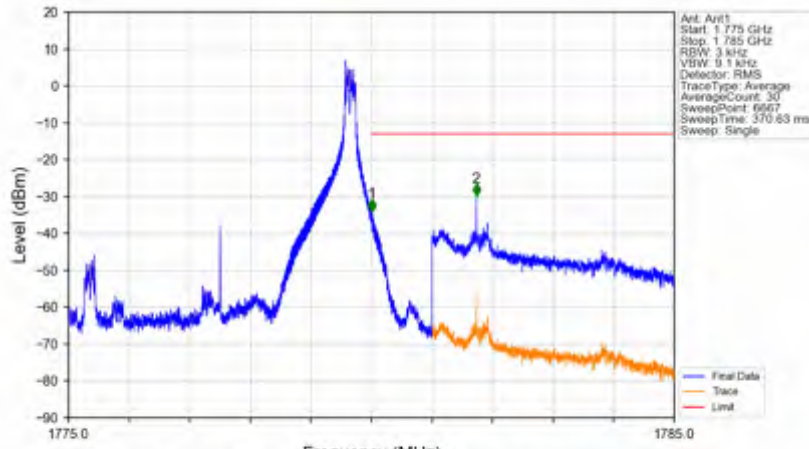
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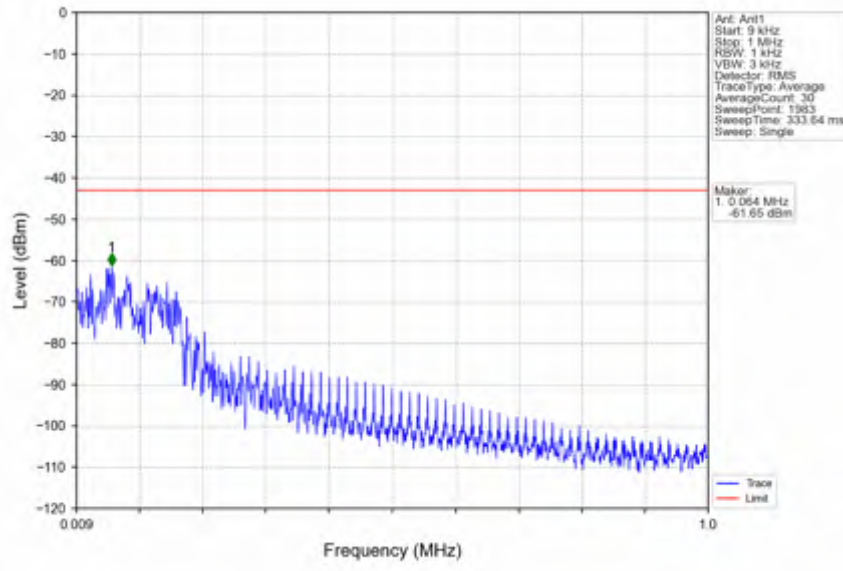
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Edge\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RSW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.006	-34.05	-13	Pass
1781	1785	1	25.23	2	1781.733	-29.63	-13	Pass

n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Edge\_1RB\_Right

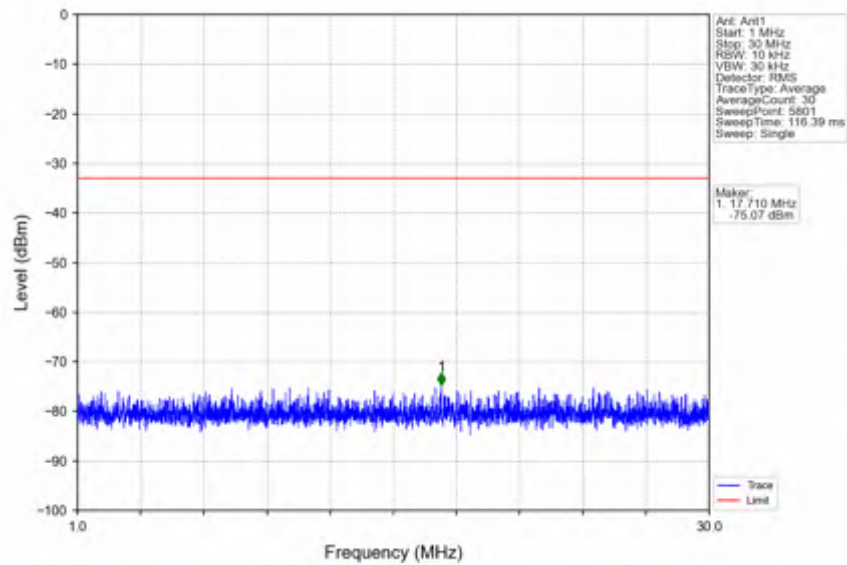


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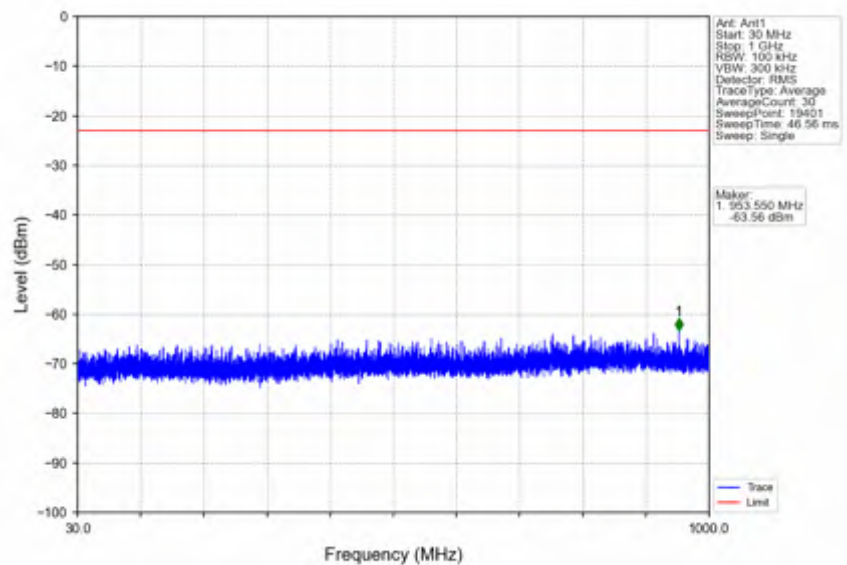
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Edge\_1RB\_Right



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Edge\_1RB\_Right



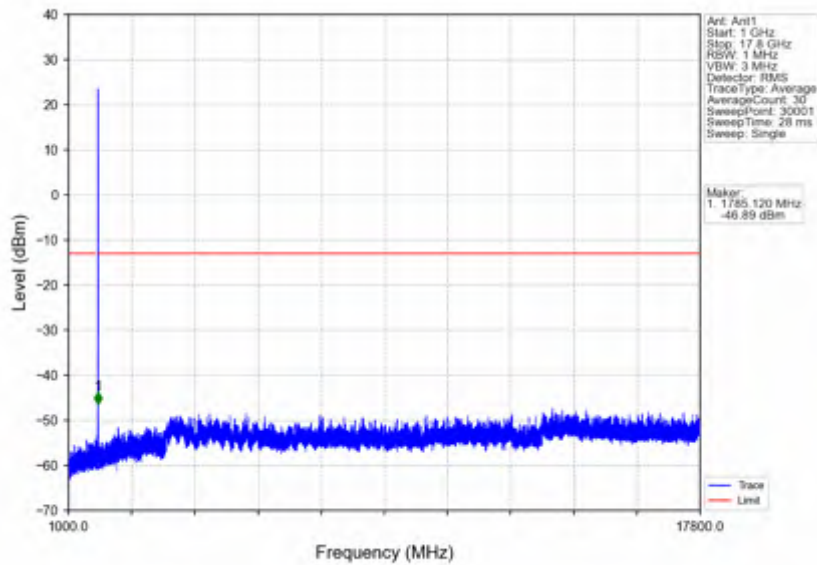
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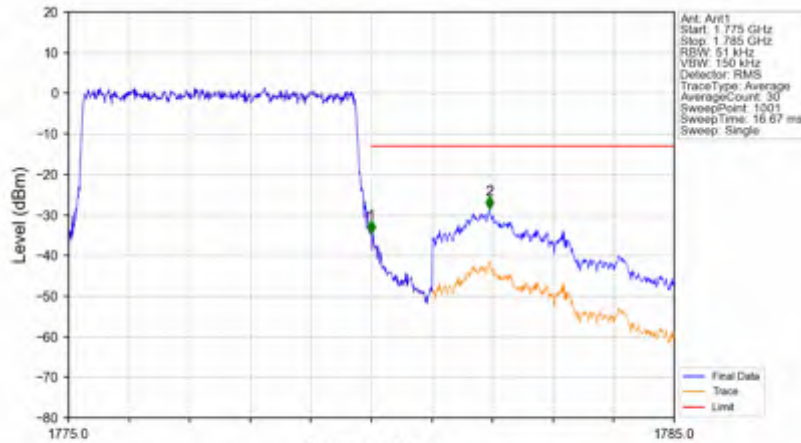
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Edge\_1RB\_Right



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	0	1	1780.000	-34.48	-13	Pass
1780	1781	0.051	0	1	1780.000	-34.48	-13	Pass
1781	1785	1	12.92	2	1781.950	-28.51	-13	Pass



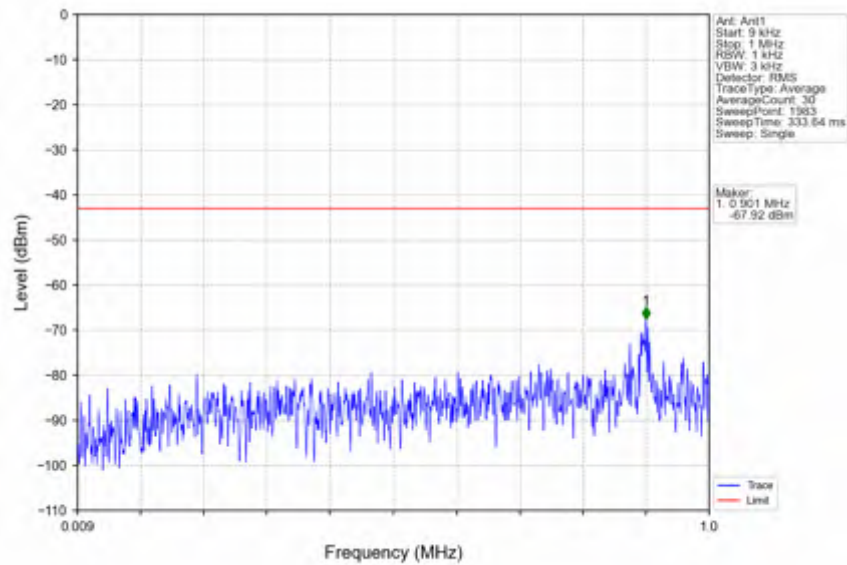
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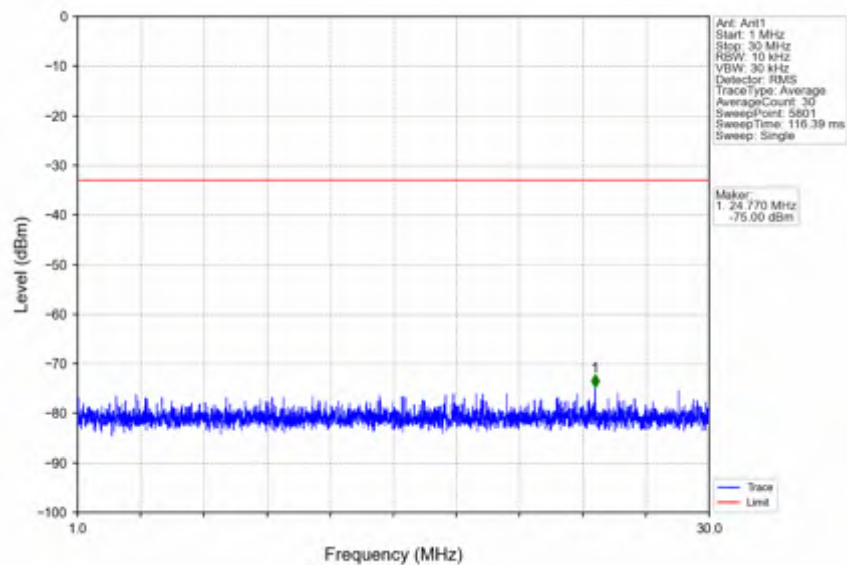
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Outer\_Full



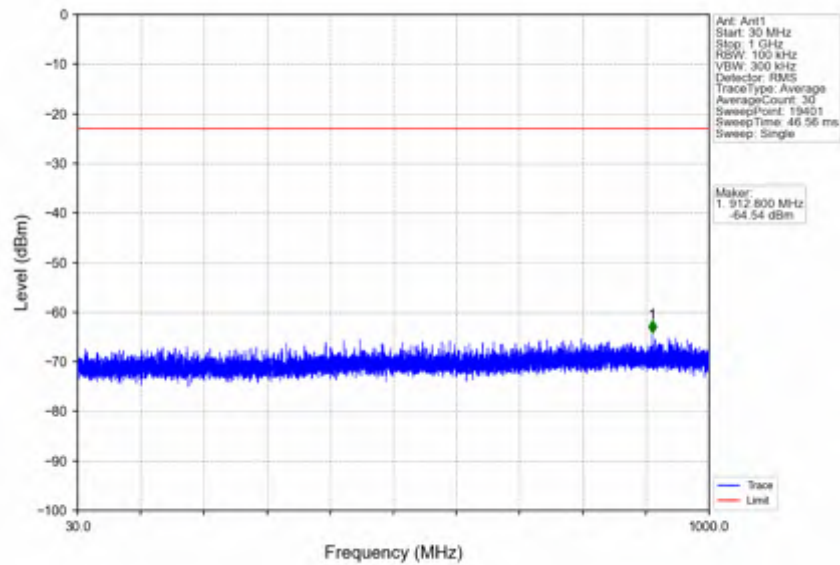
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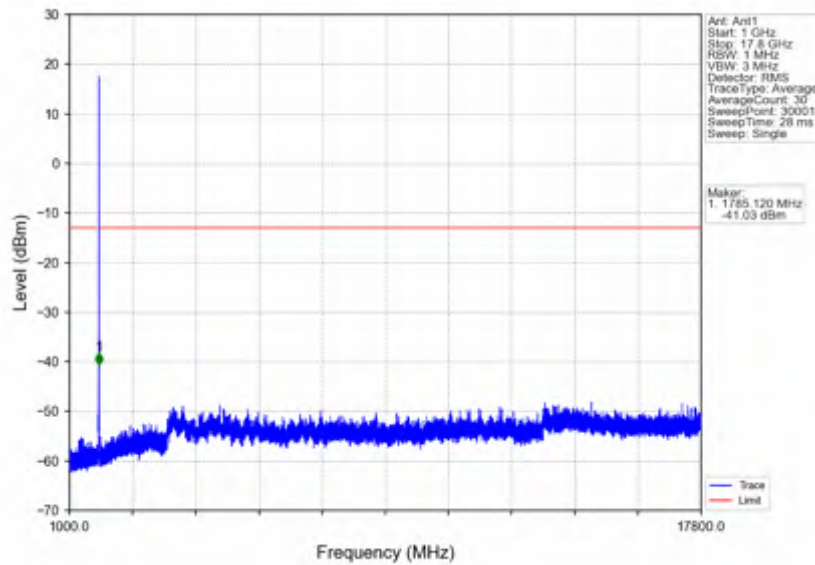
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Outer\_Full



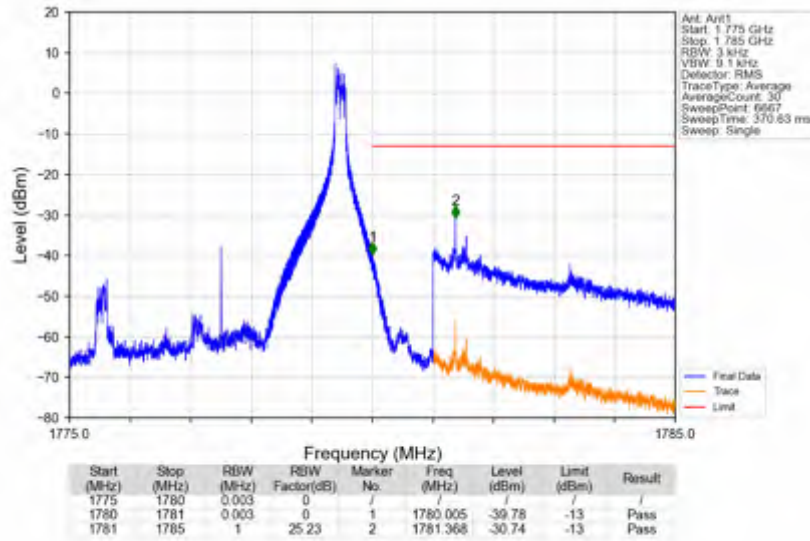
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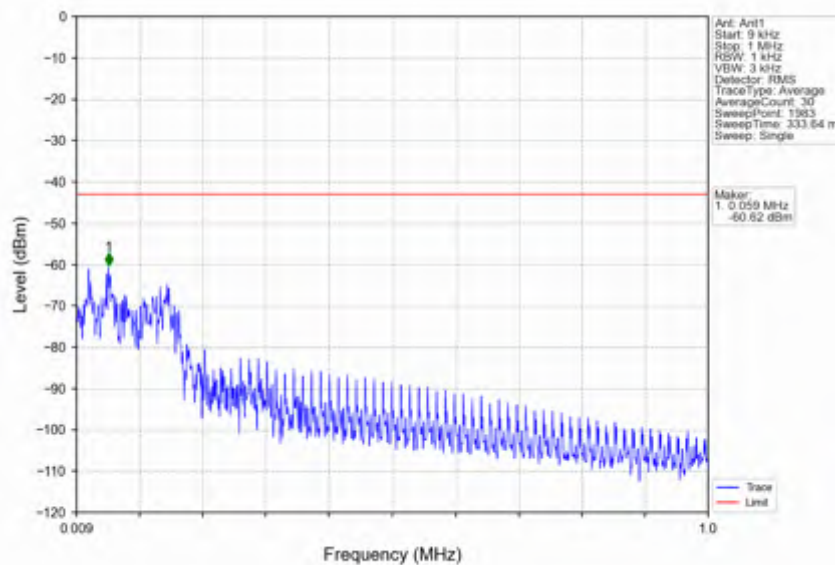
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Inner\_1RB\_Right



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_1777.5MHz\_Inner\_1RB\_Right

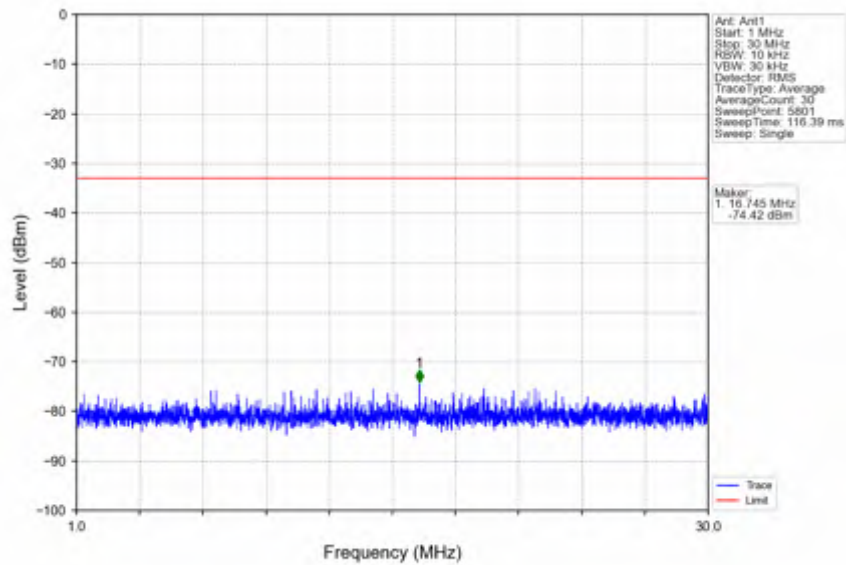


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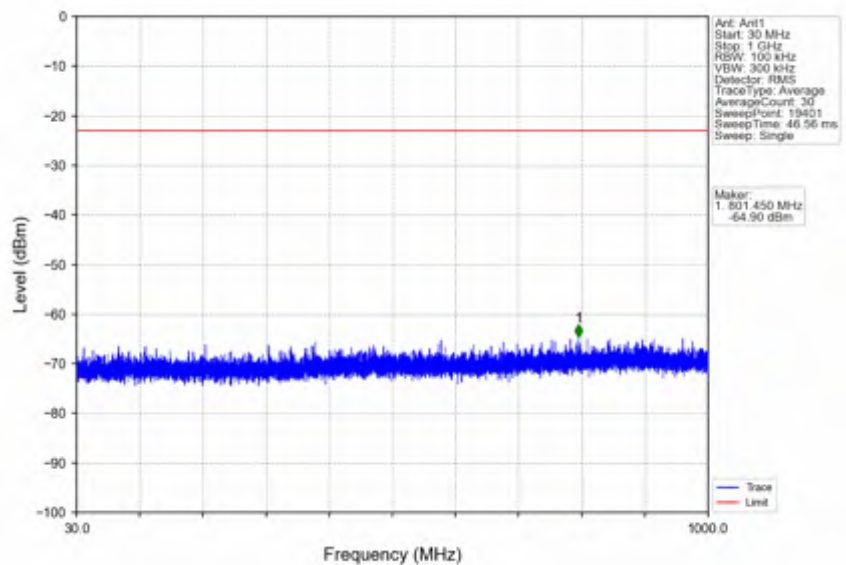
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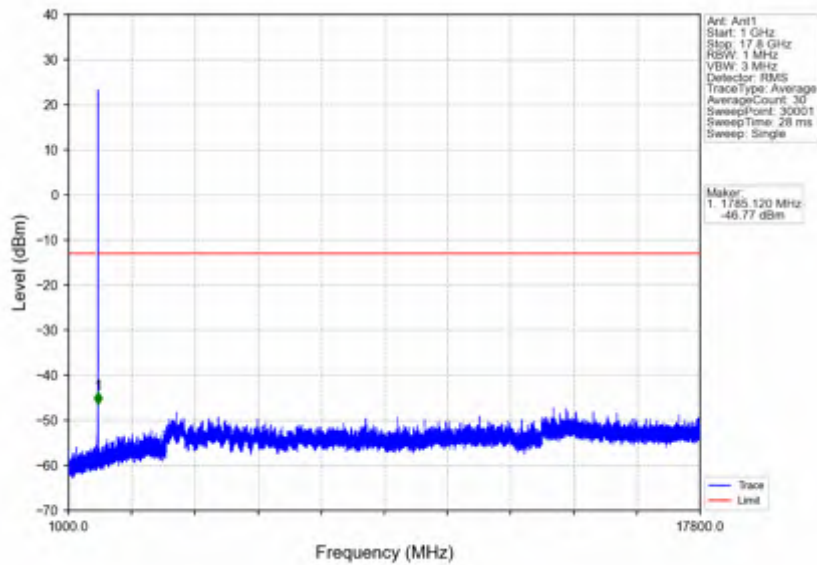
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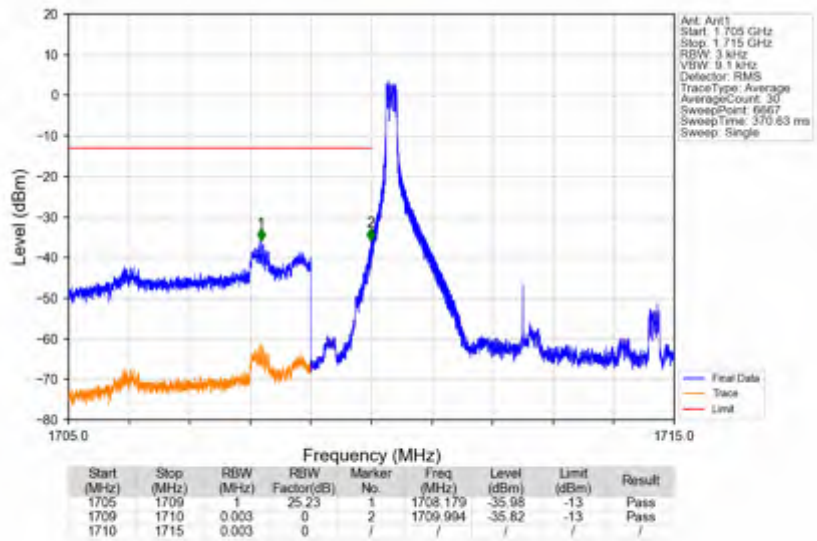
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Edge\_1RB\_Left



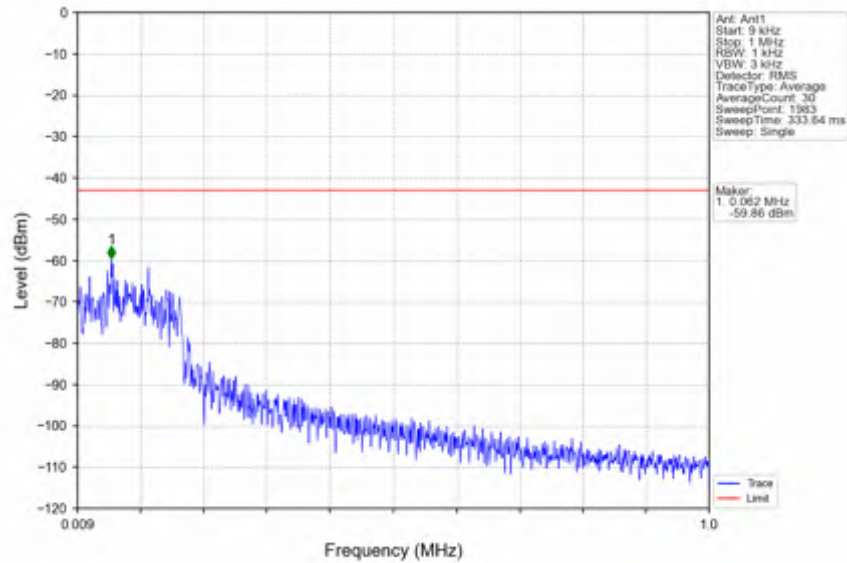
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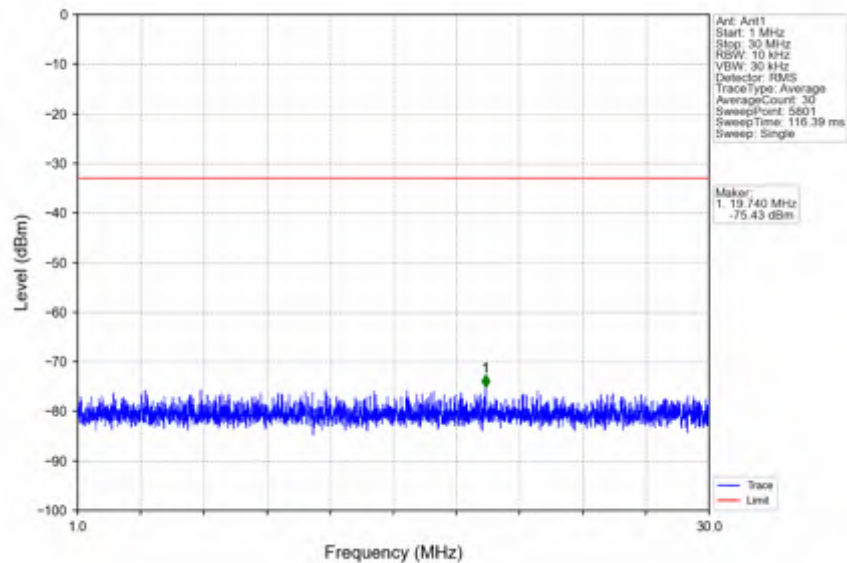
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Edge\_1RB\_Left



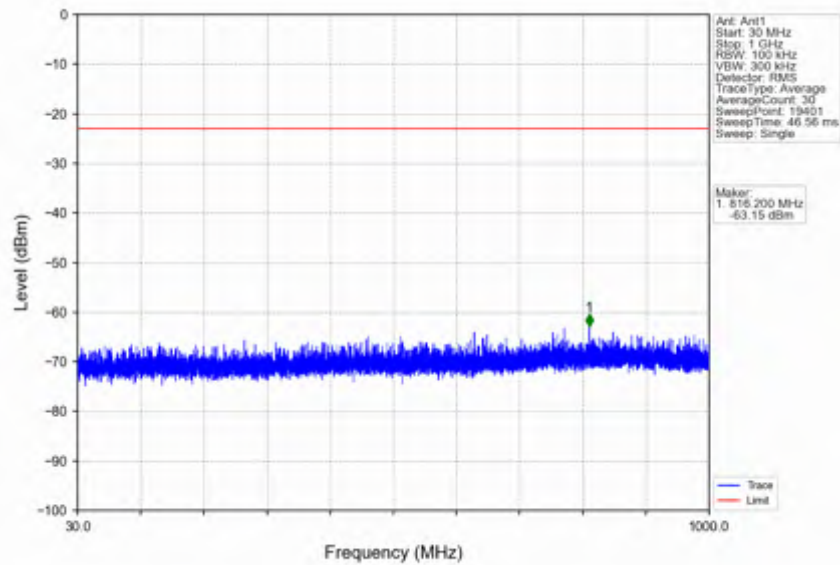
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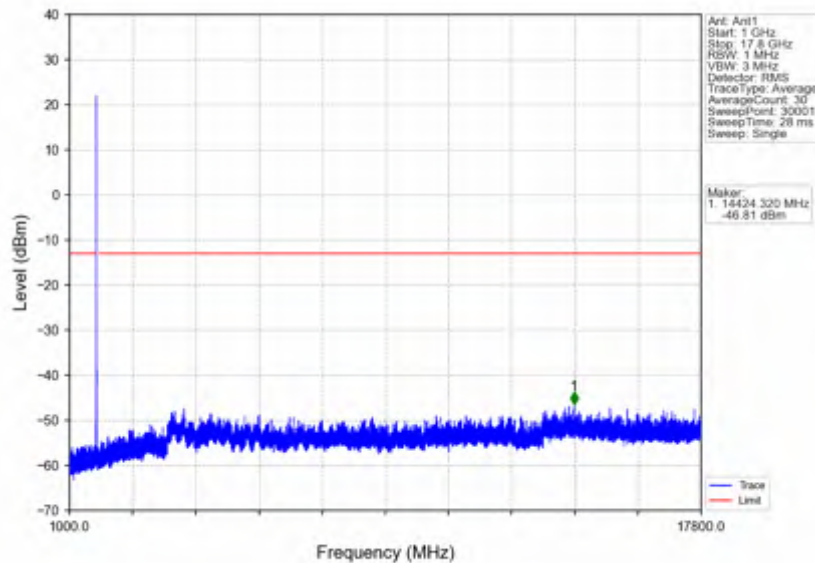
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Edge\_1RB\_Left



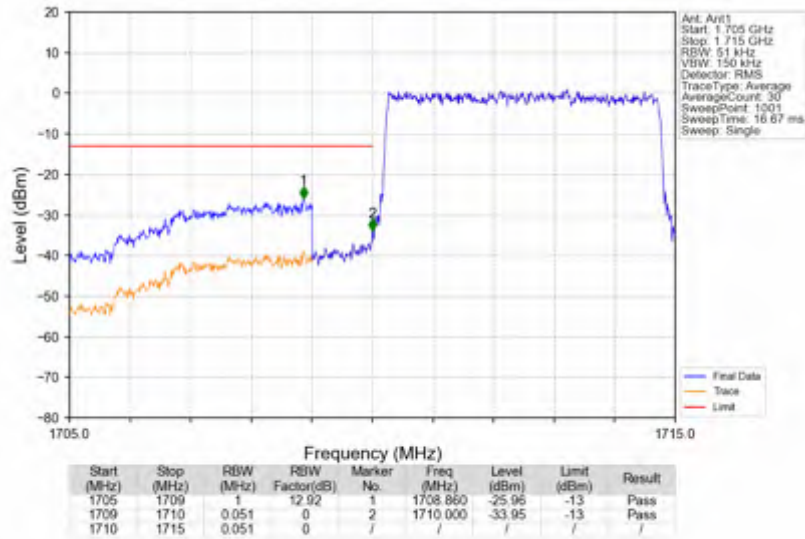
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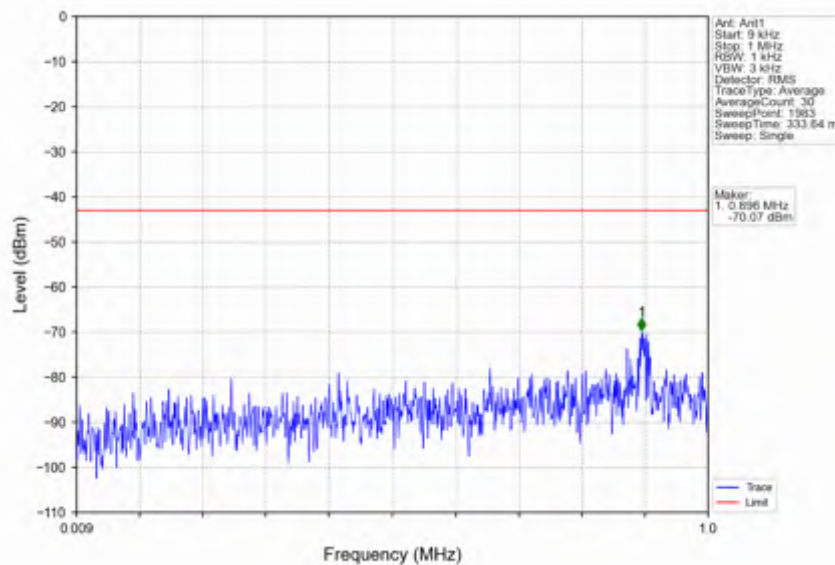
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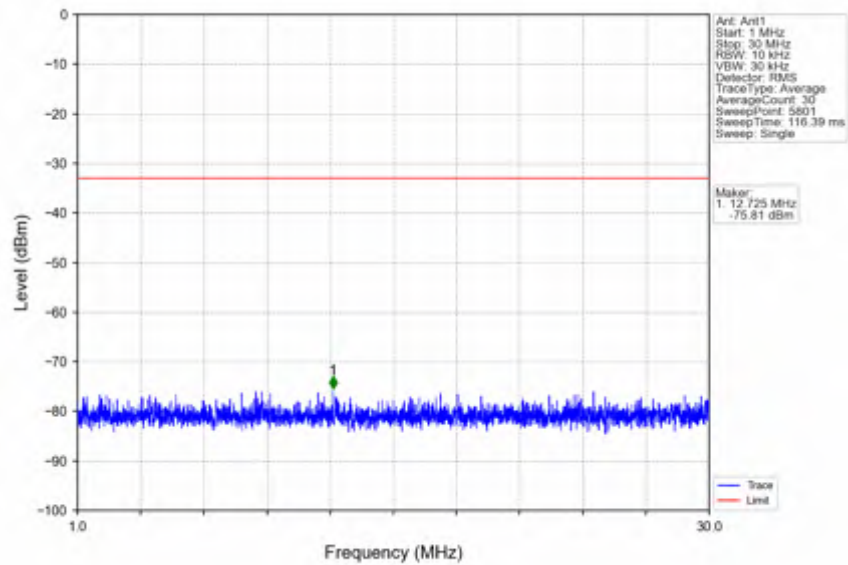
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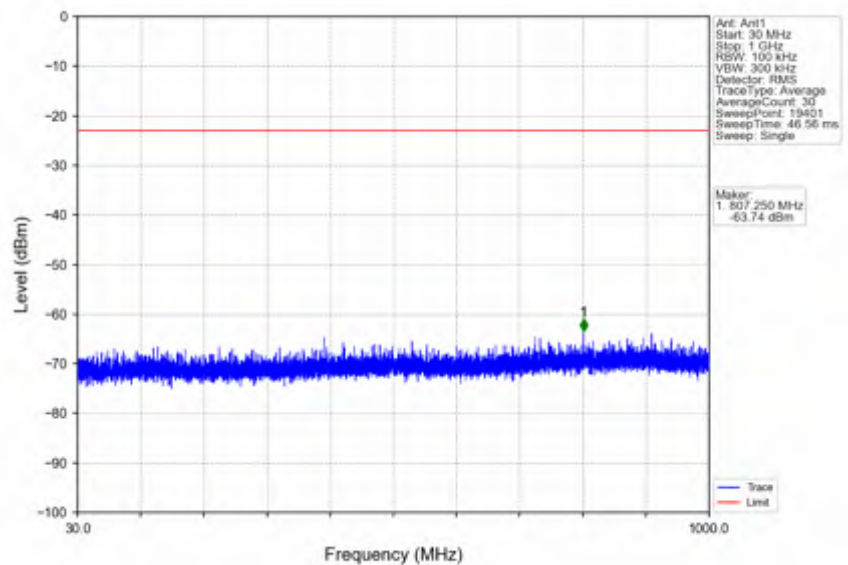
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Outer\_Full



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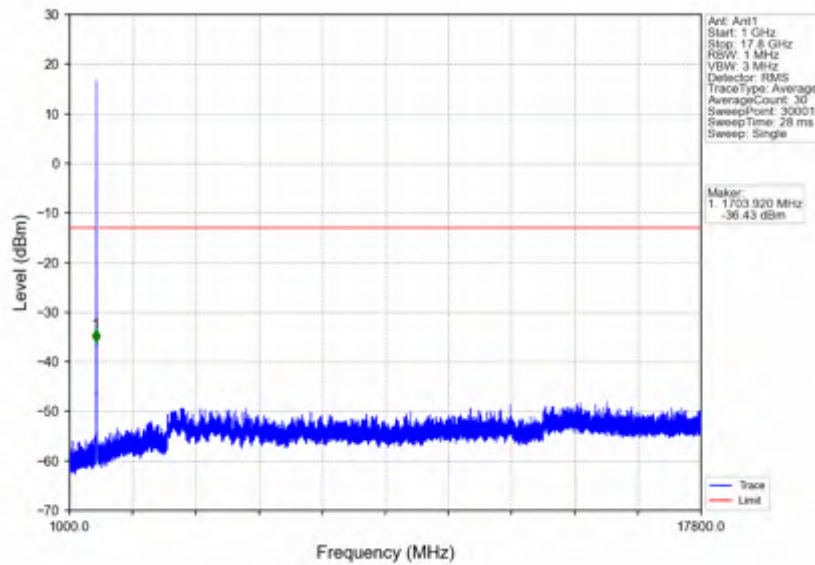
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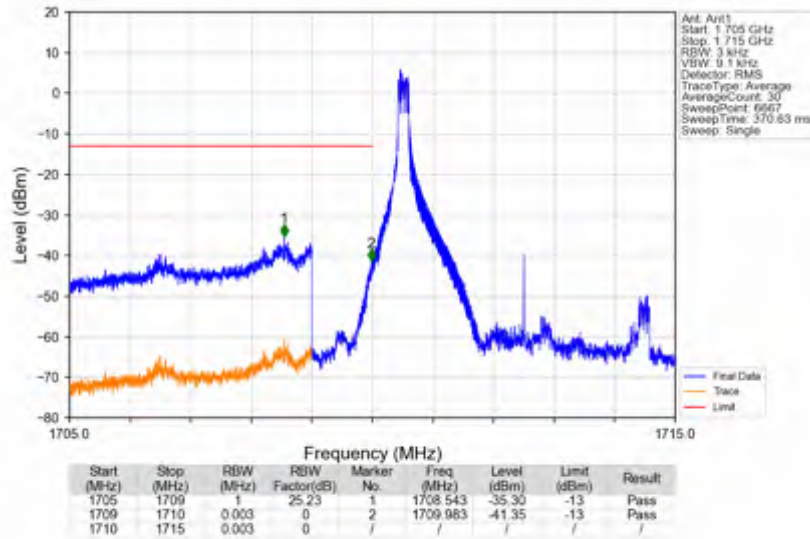
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Outer\_Full



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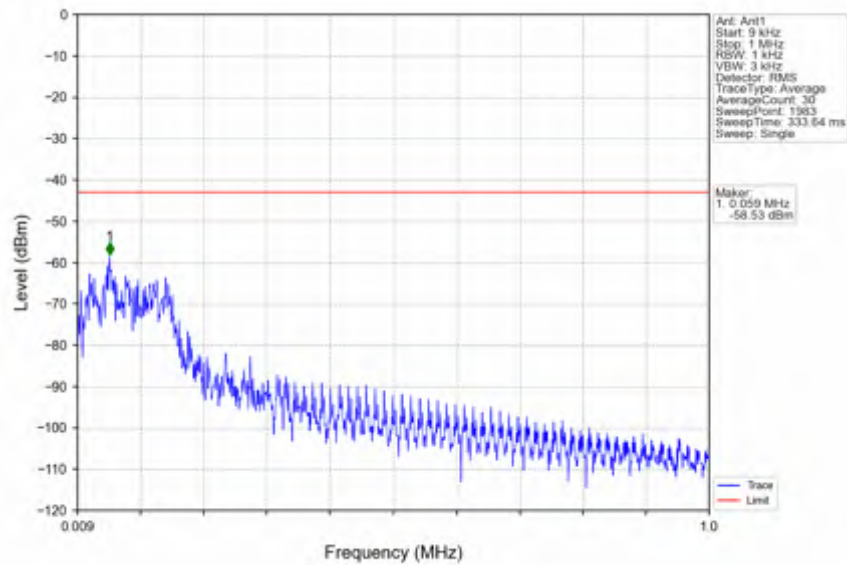
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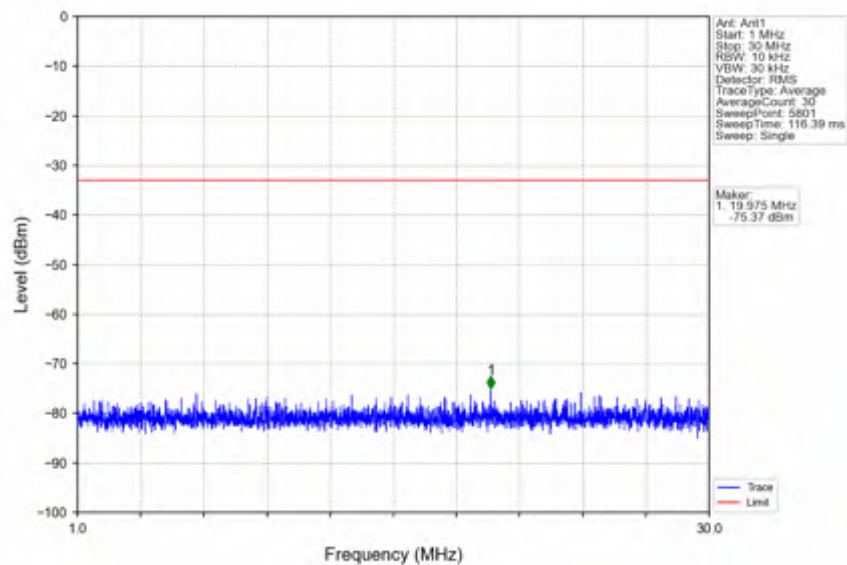
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Inner\_1RB\_Left



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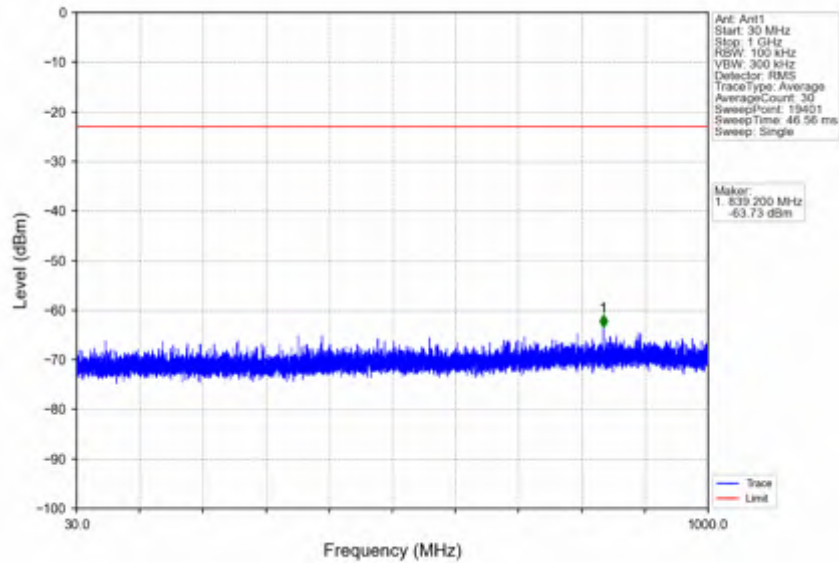
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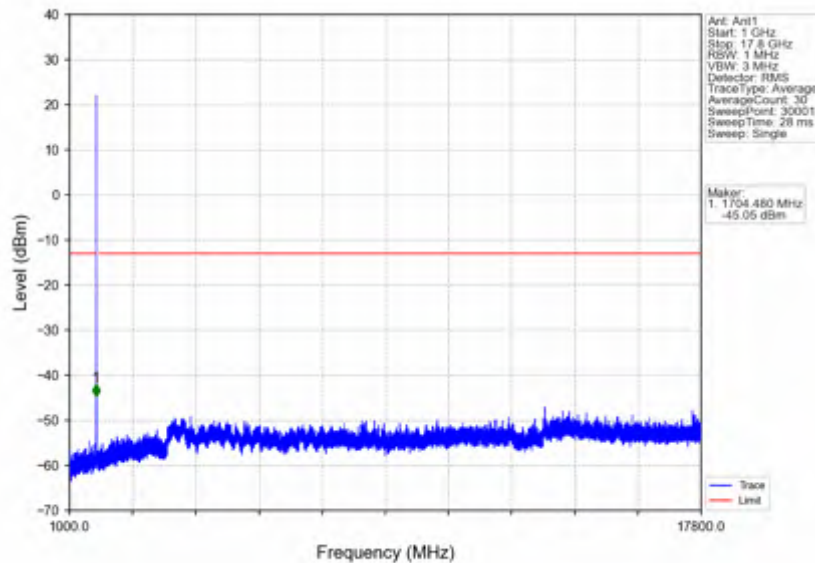
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Inner\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1712.5MHz\_Inner\_1RB\_Left



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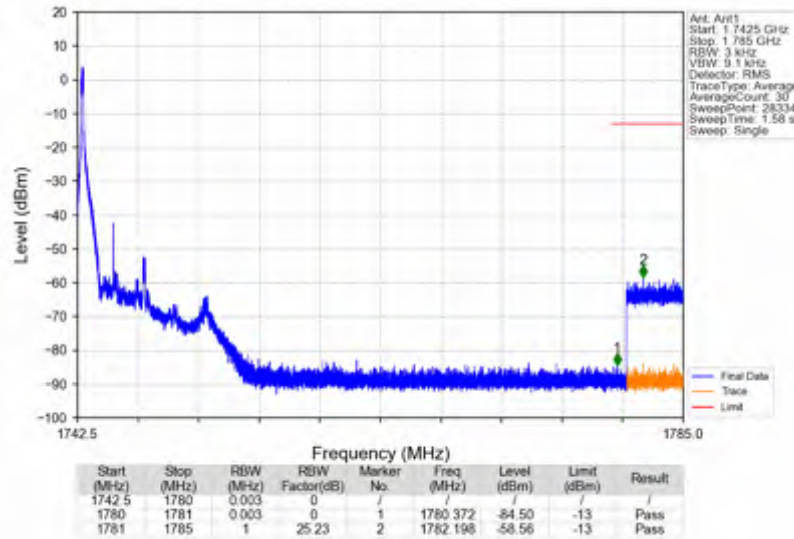
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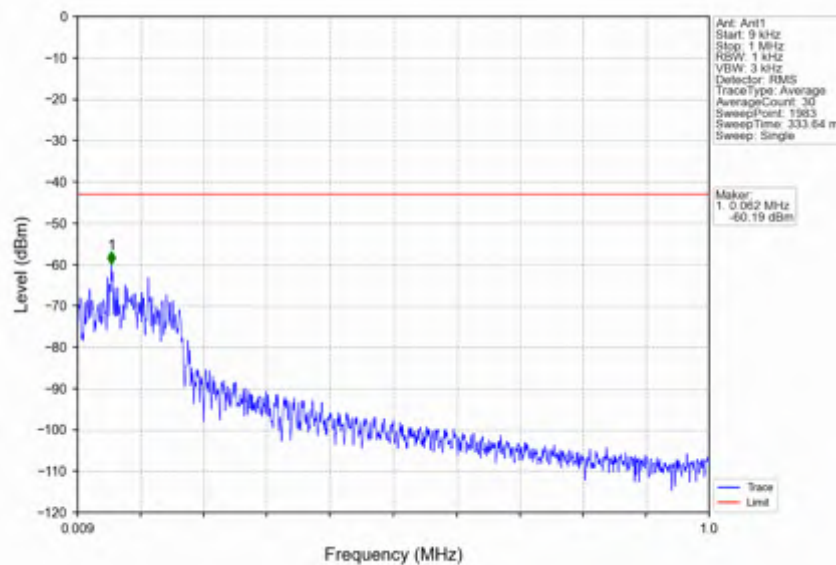
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n66\_15kHz\_SISO\_NTV\_5MHz\_DFT-s-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



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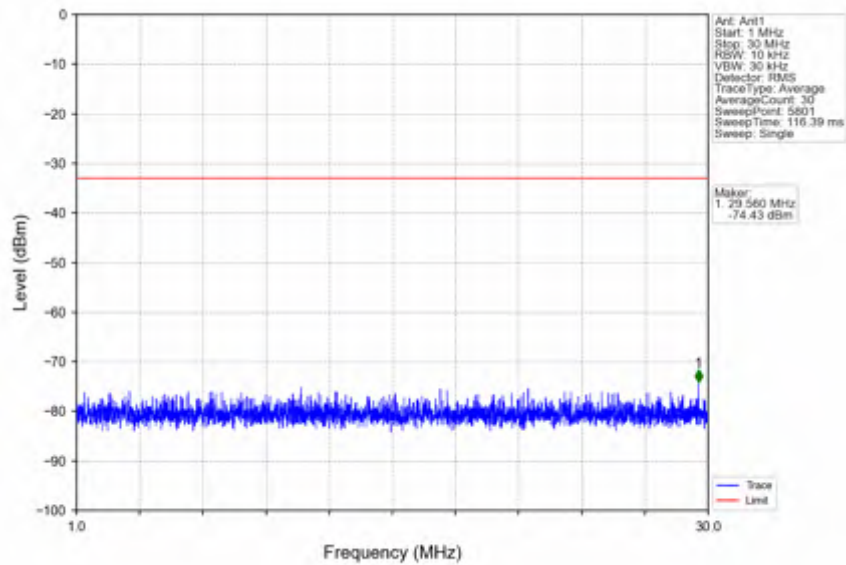


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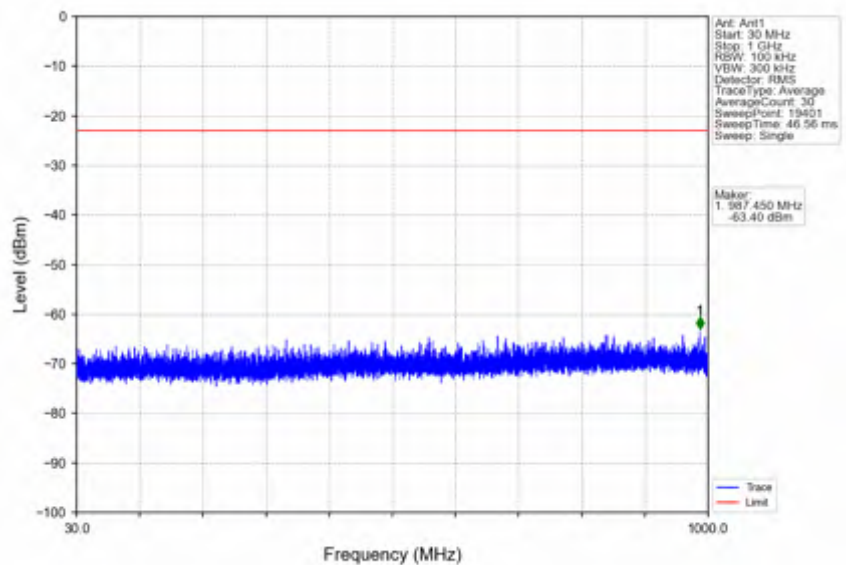
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n66\_15kHz\_SISO\_NTV\_5MHz\_DFT-s-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



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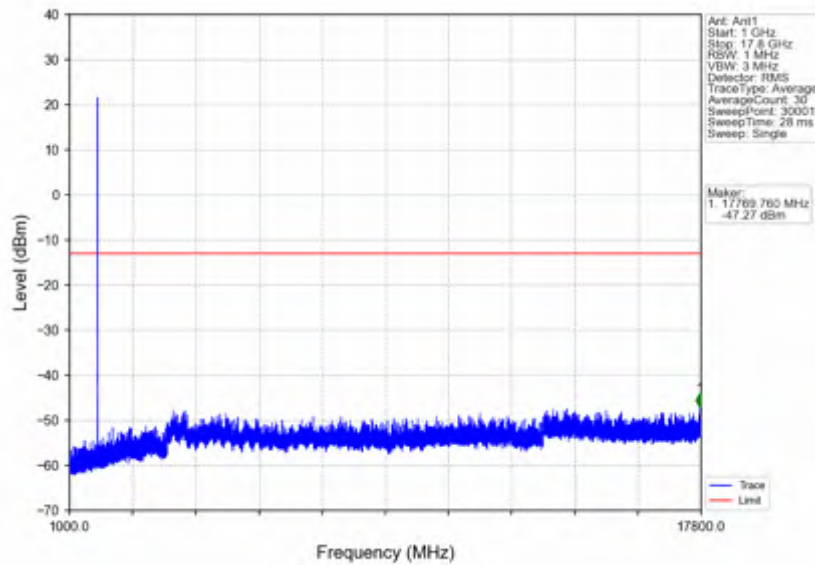
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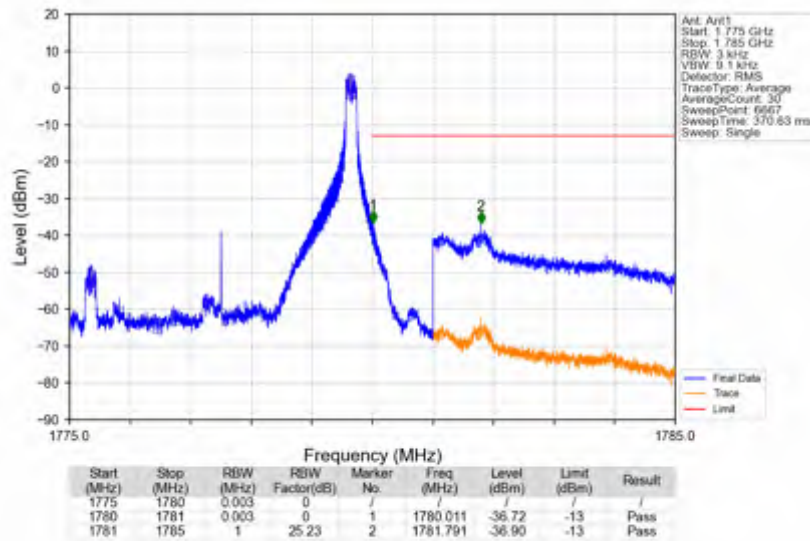
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1777.5MHz\_Edge\_1RB\_Right



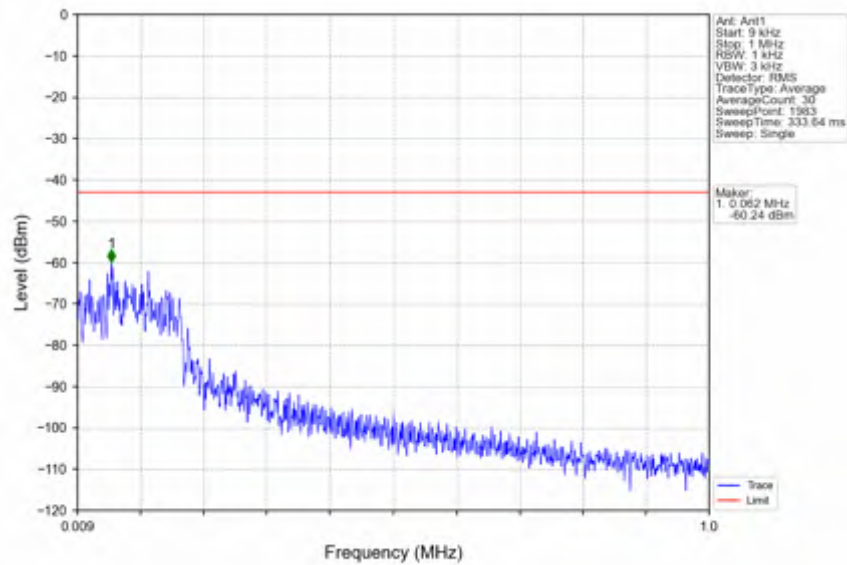
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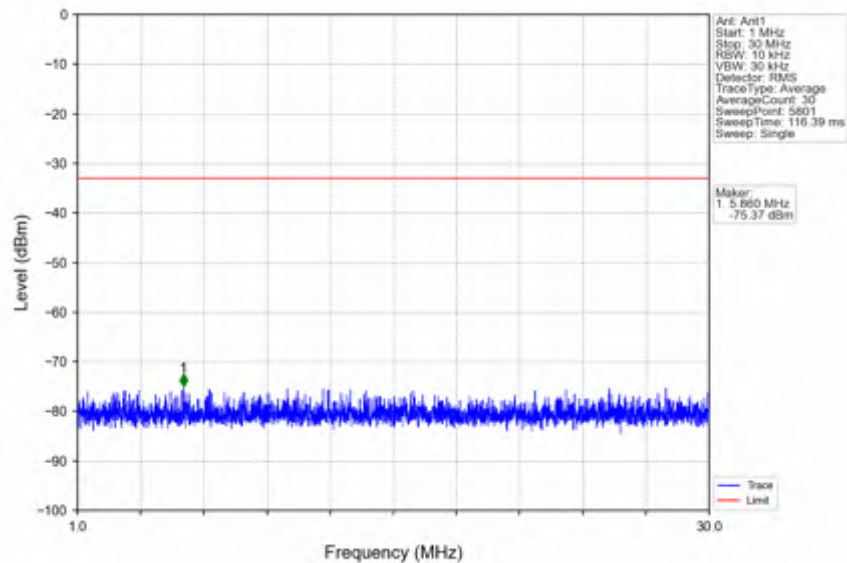
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1777.5MHz\_Edge\_1RB\_Right



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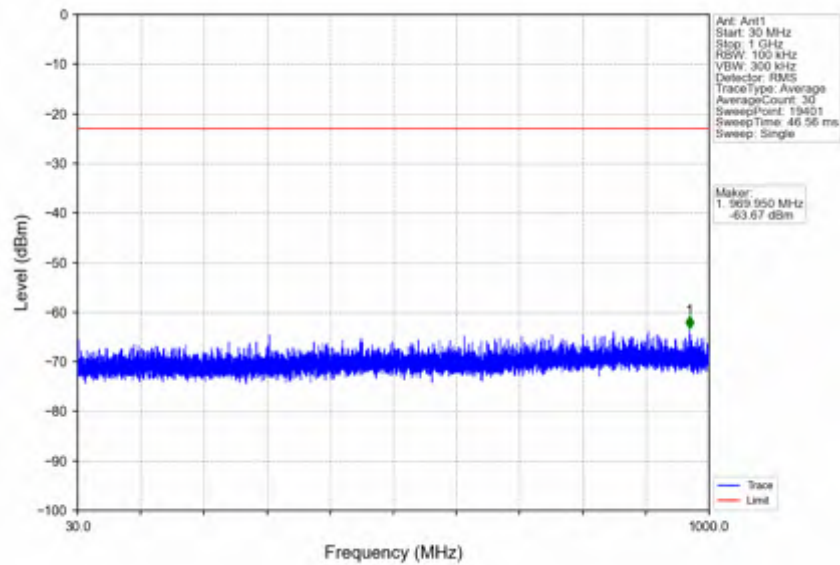
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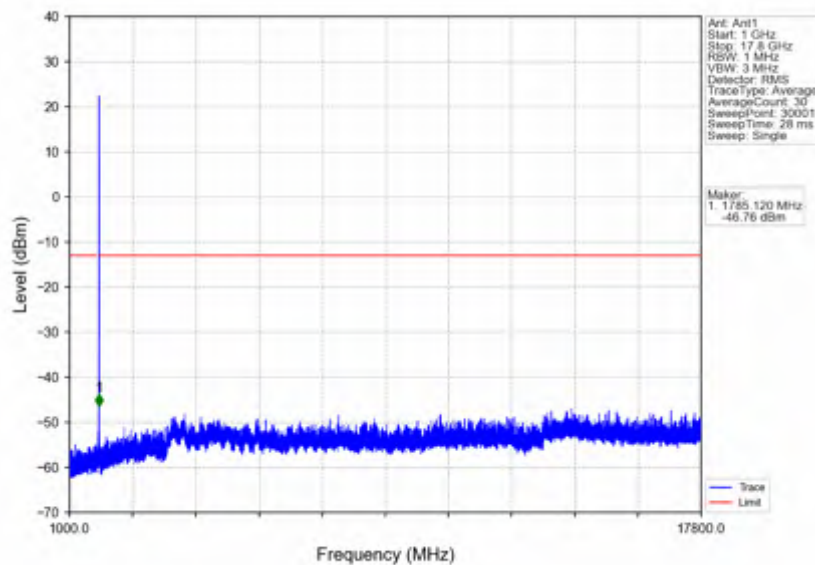
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1777.5MHz\_Edge\_1RB\_Right



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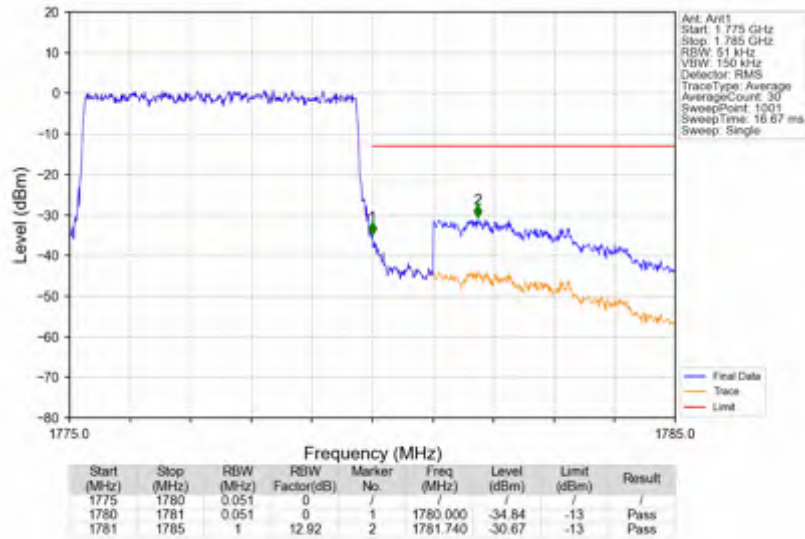
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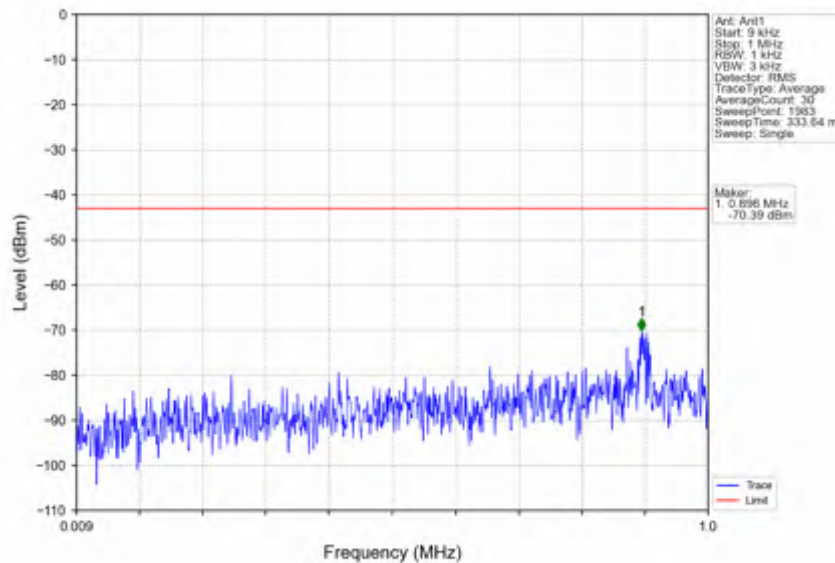
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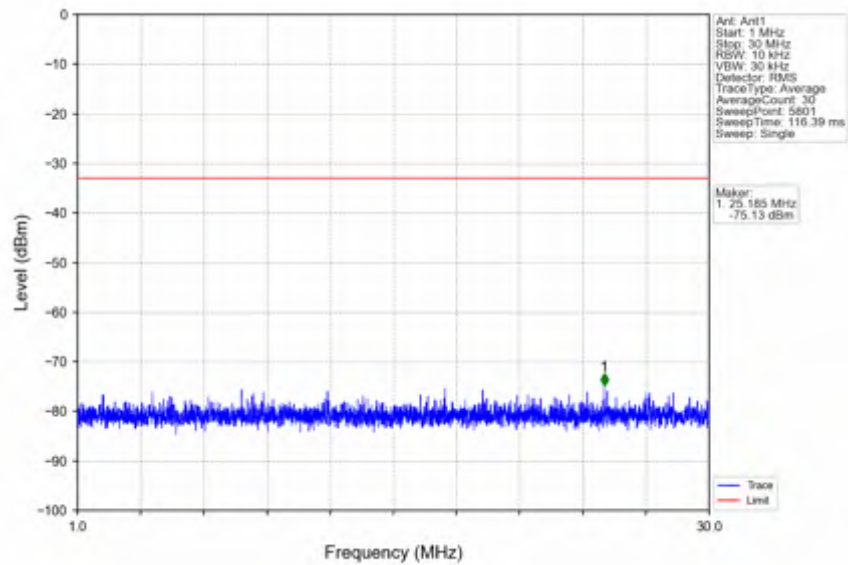


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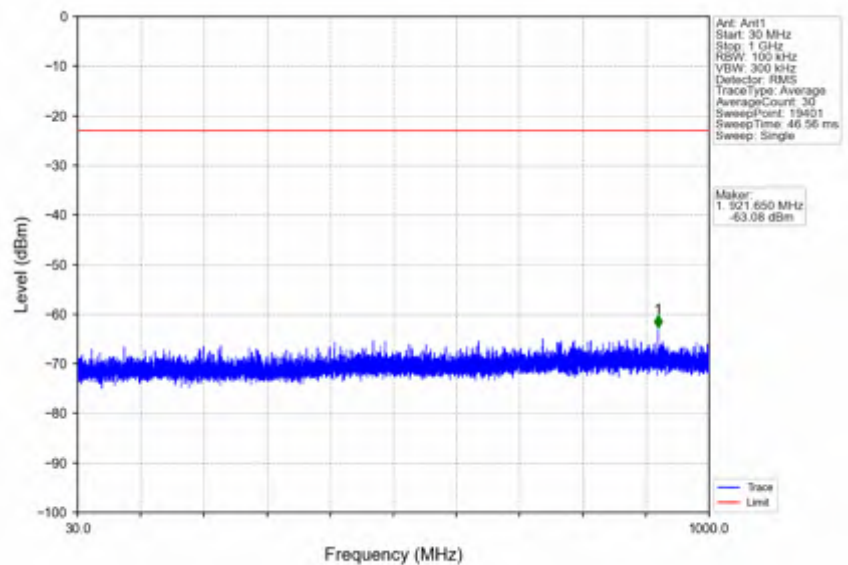
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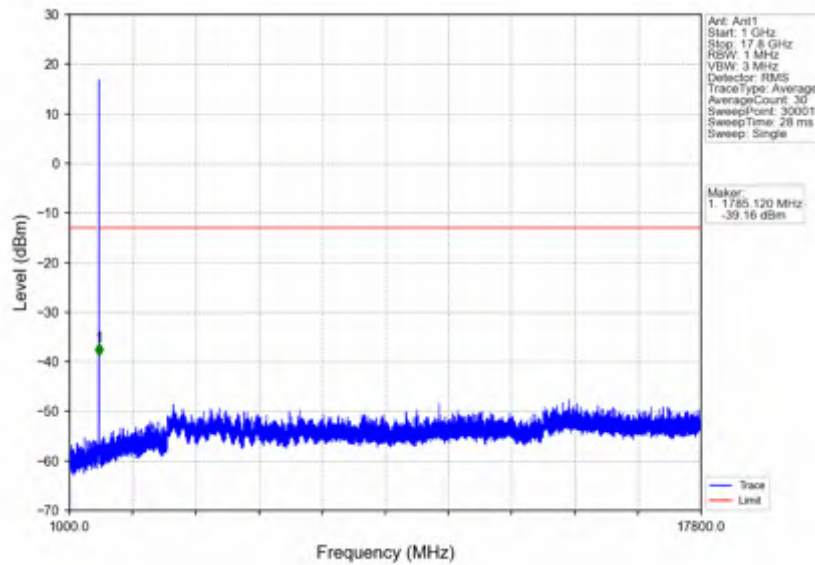
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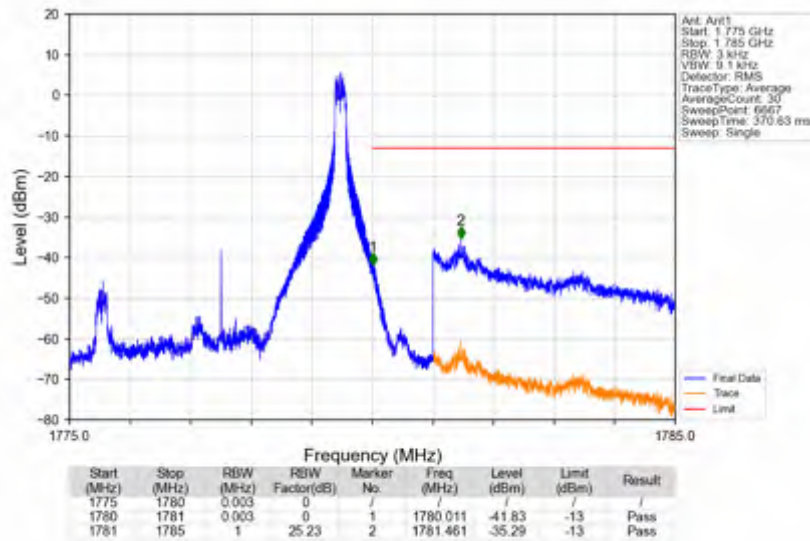
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1777.5MHz\_Outer\_Full



n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1777.5MHz\_Inner\_1RB\_Right



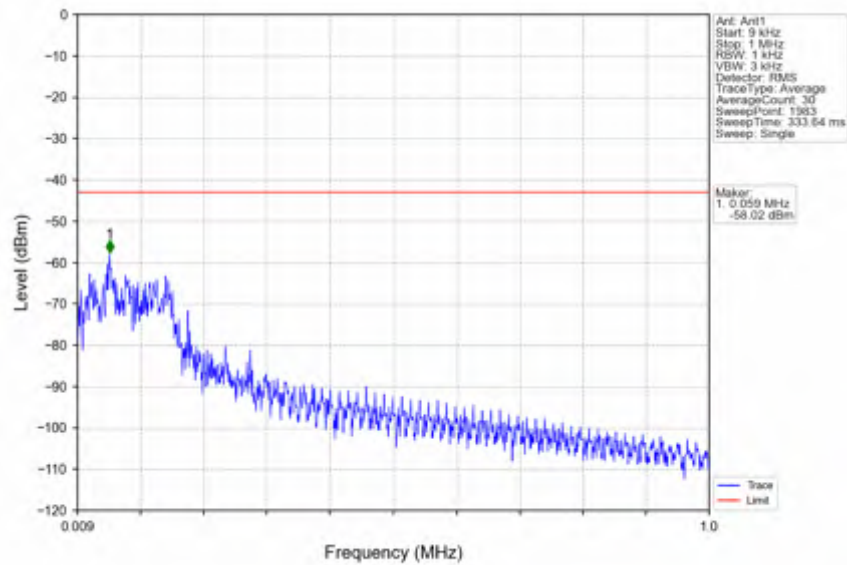
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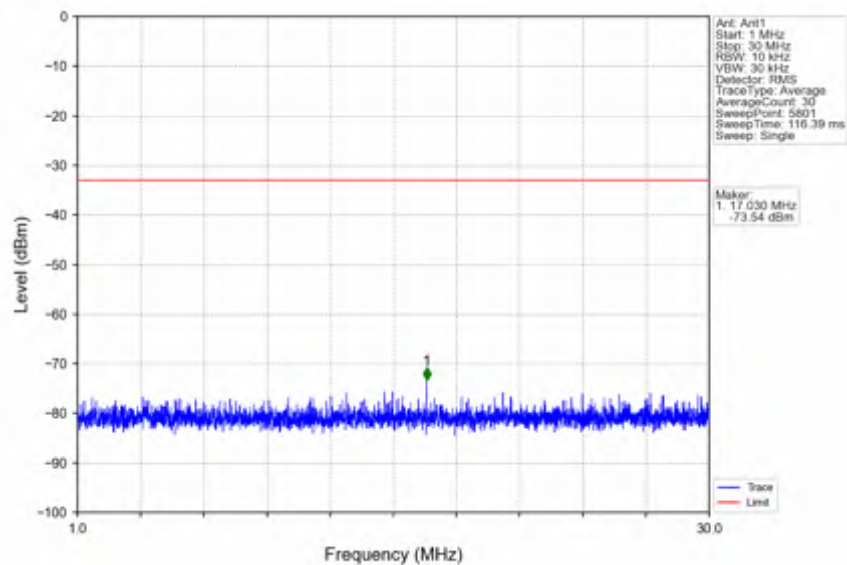
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1777.5MHz\_Inner\_1RB\_Right



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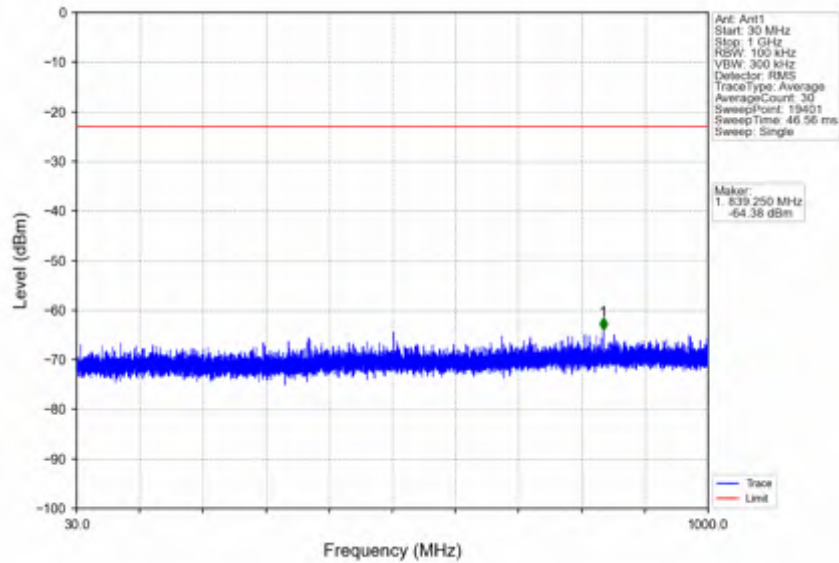
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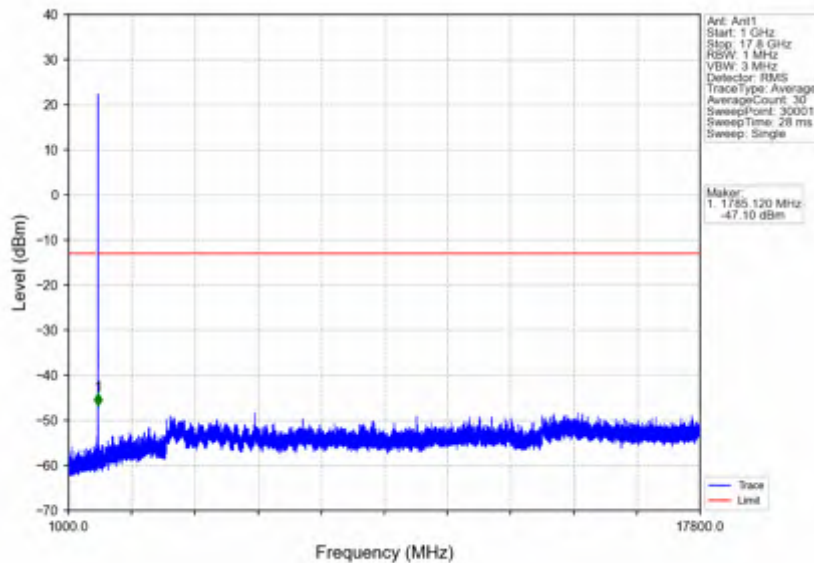
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n66\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_1777.5MHz\_Inner\_1RB\_Right



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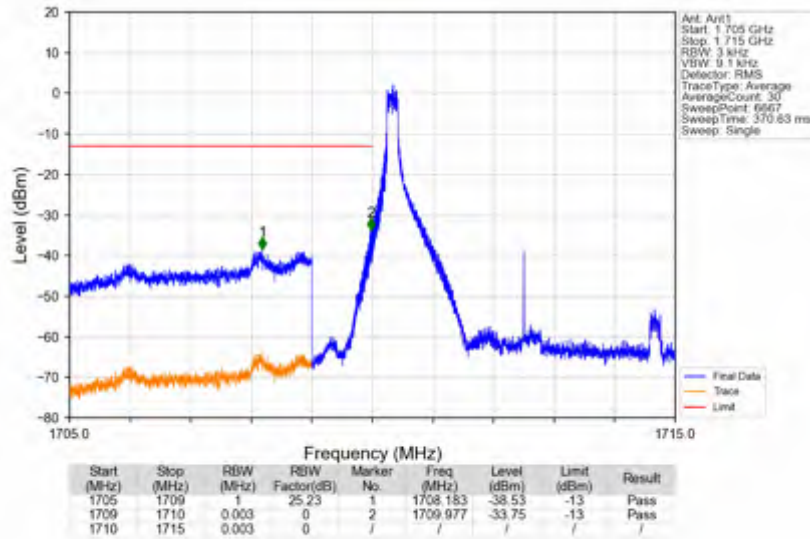
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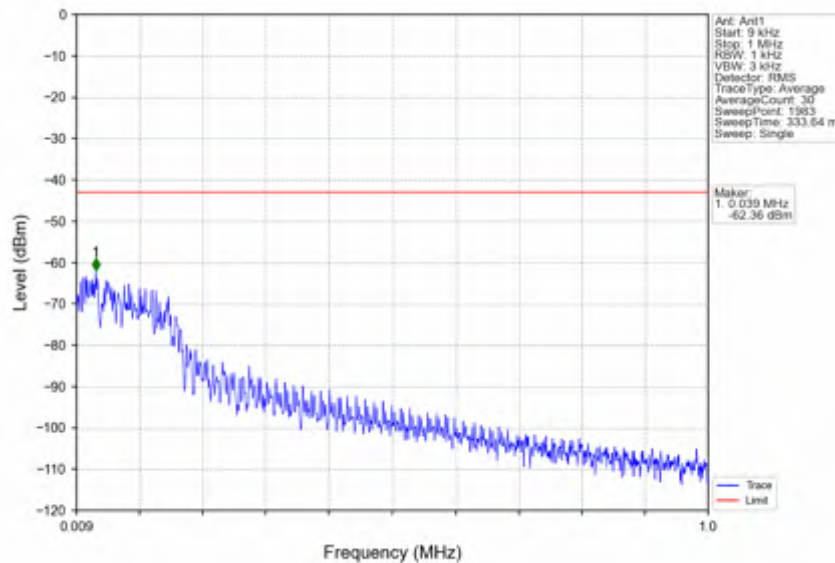
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Edge\_1RB\_Left



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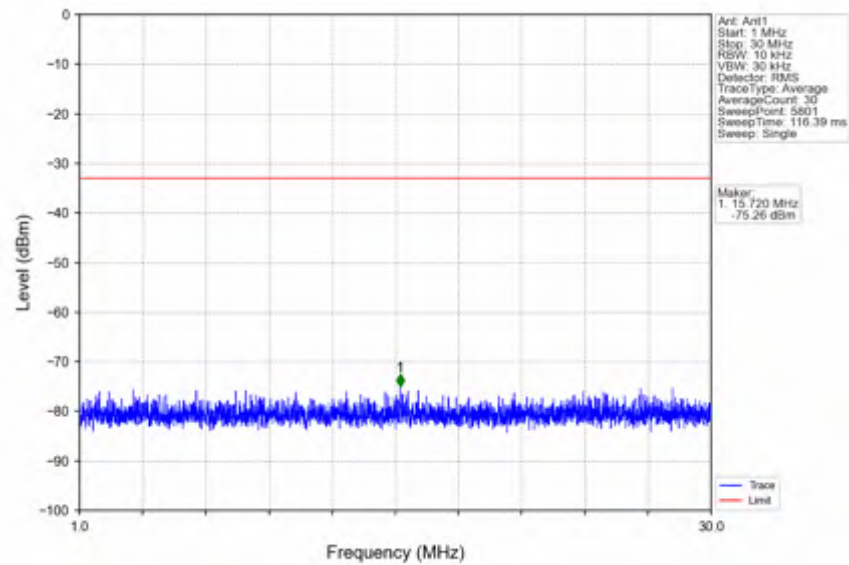


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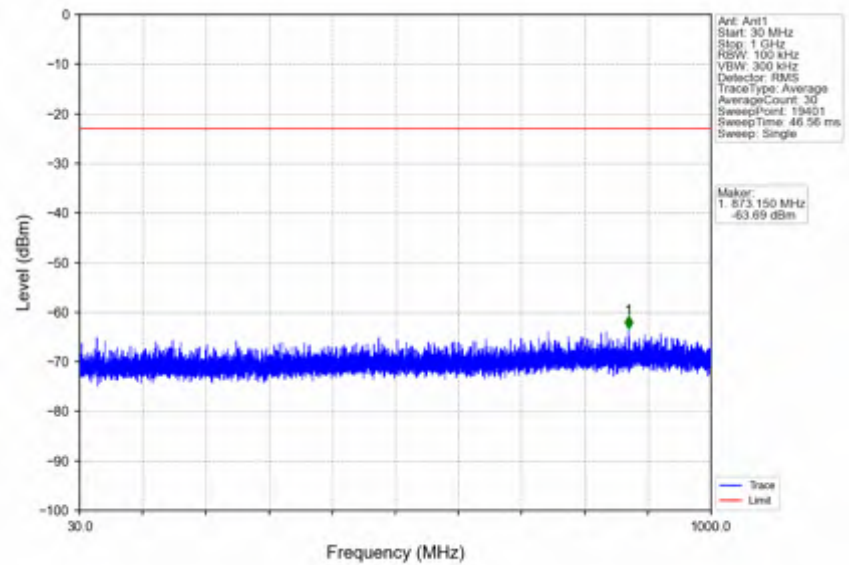
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Edge\_1RB\_Left



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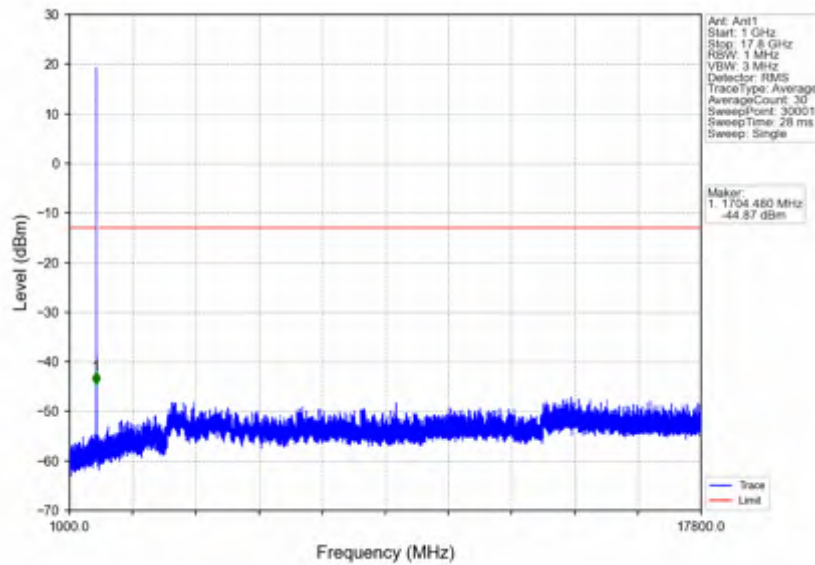
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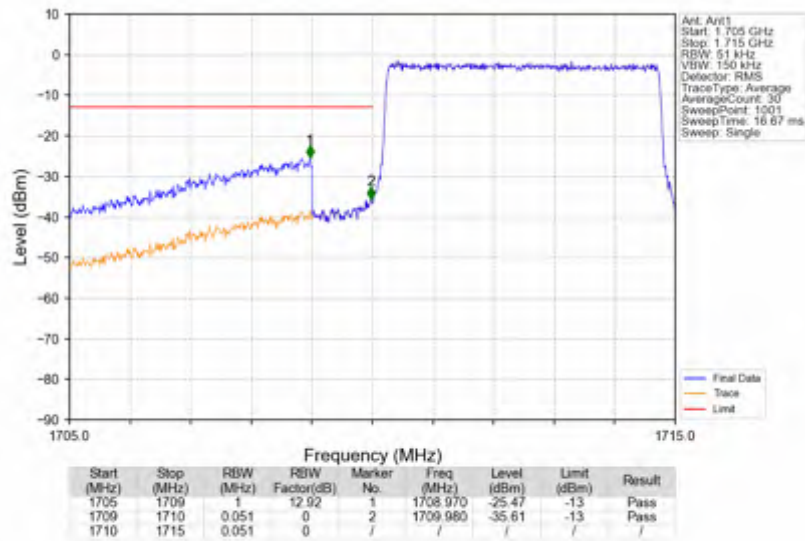
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Outer\_Full



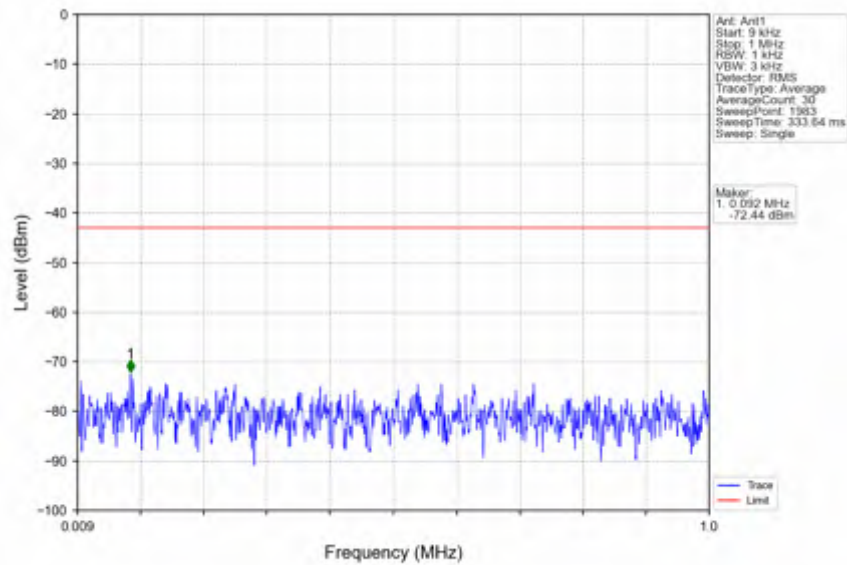
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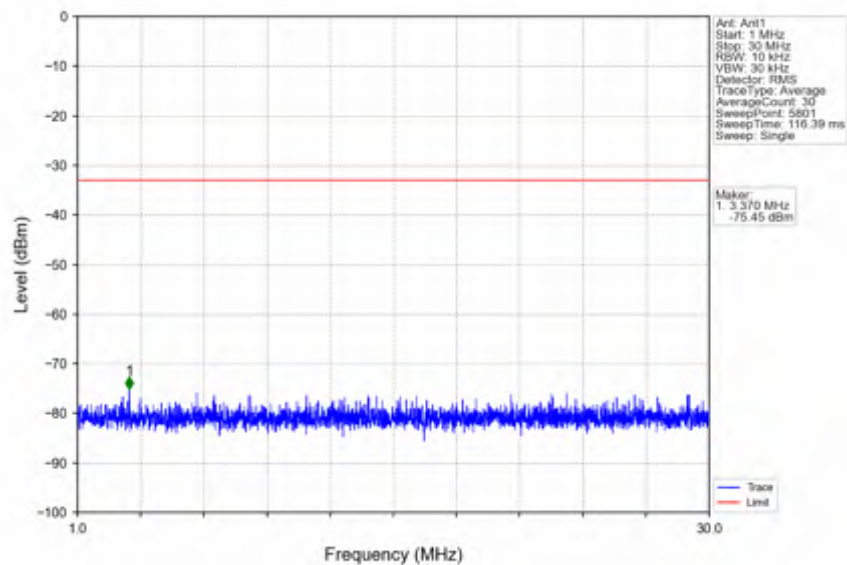
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Outer\_Full



n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Outer\_Full



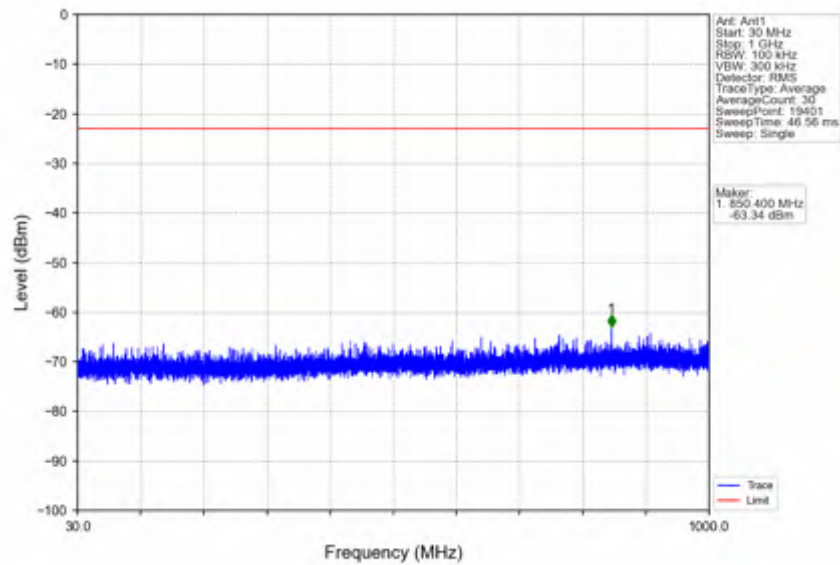
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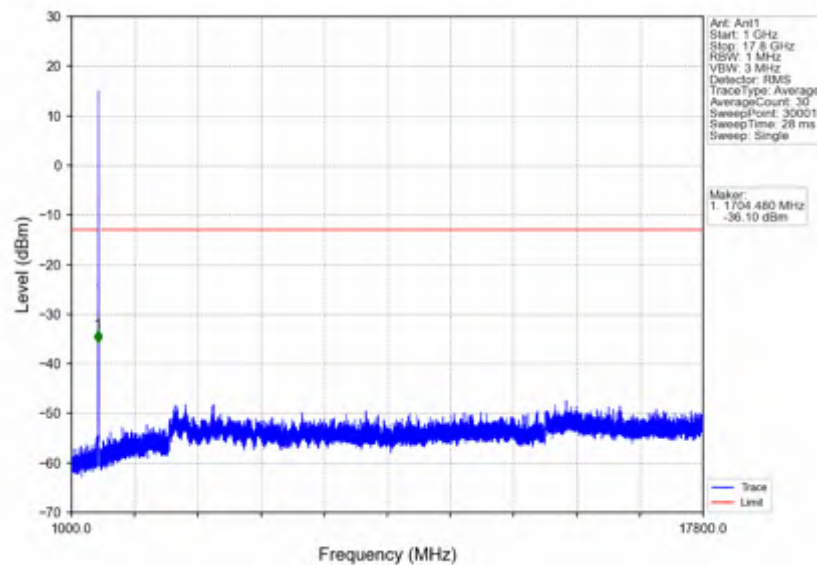
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Outer\_Full



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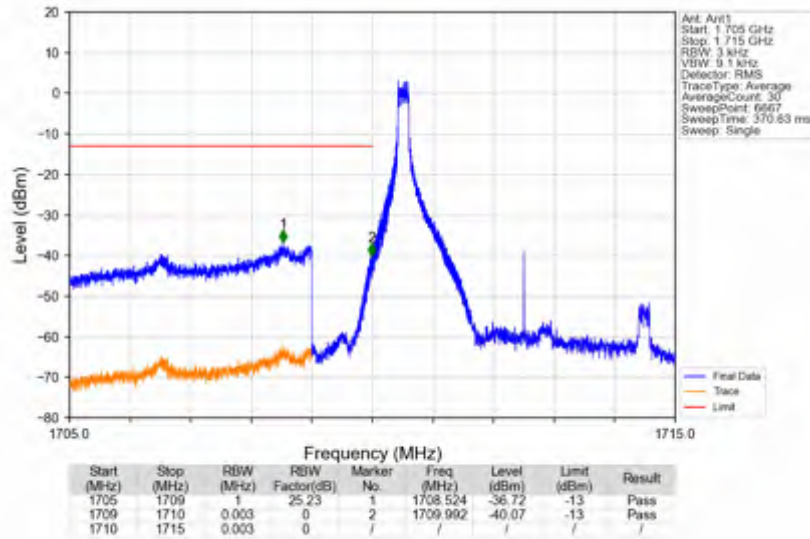
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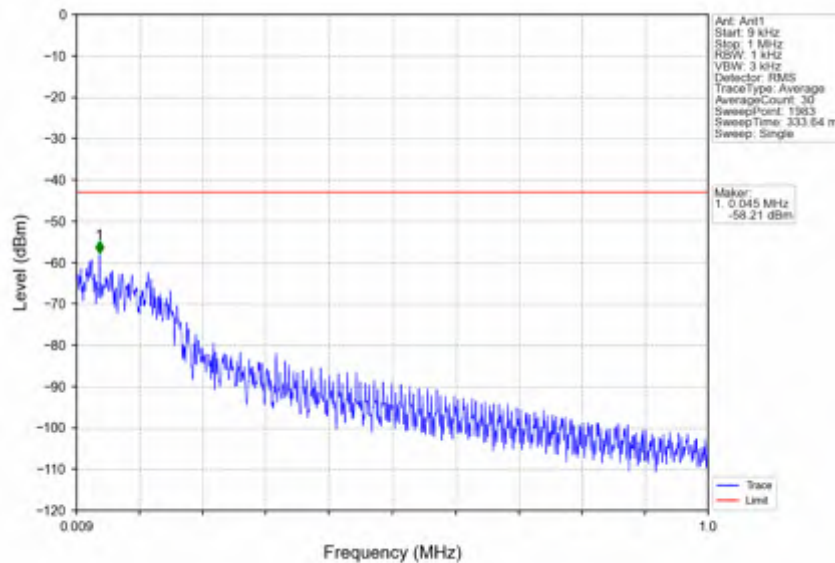
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Inner\_1RB\_Left



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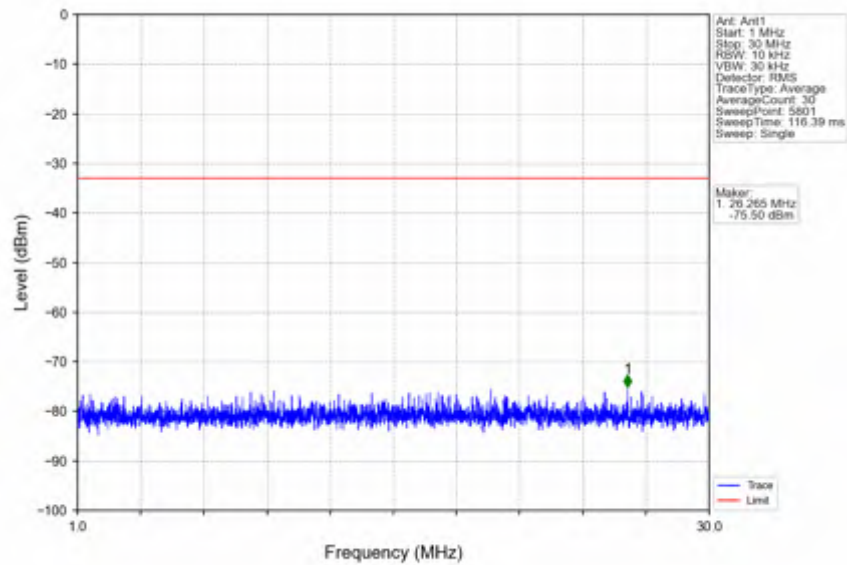


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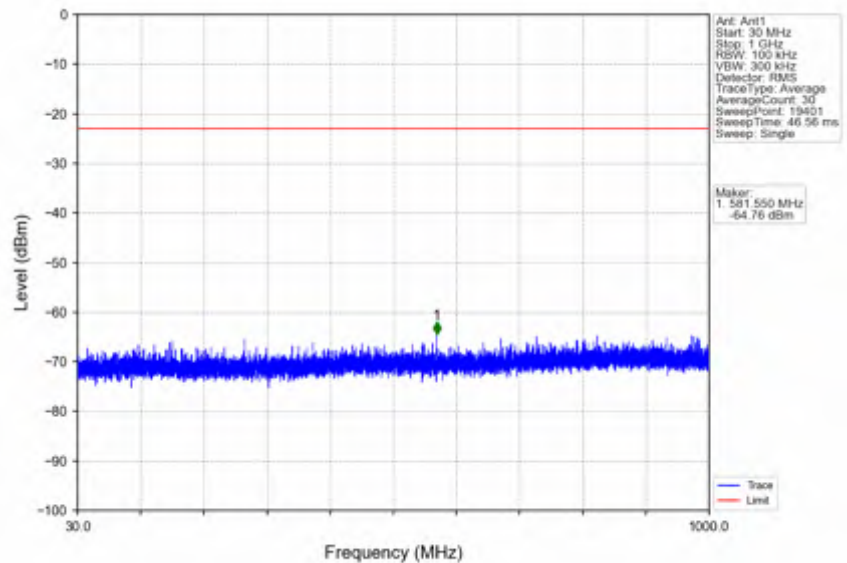
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Inner\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Inner\_1RB\_Left



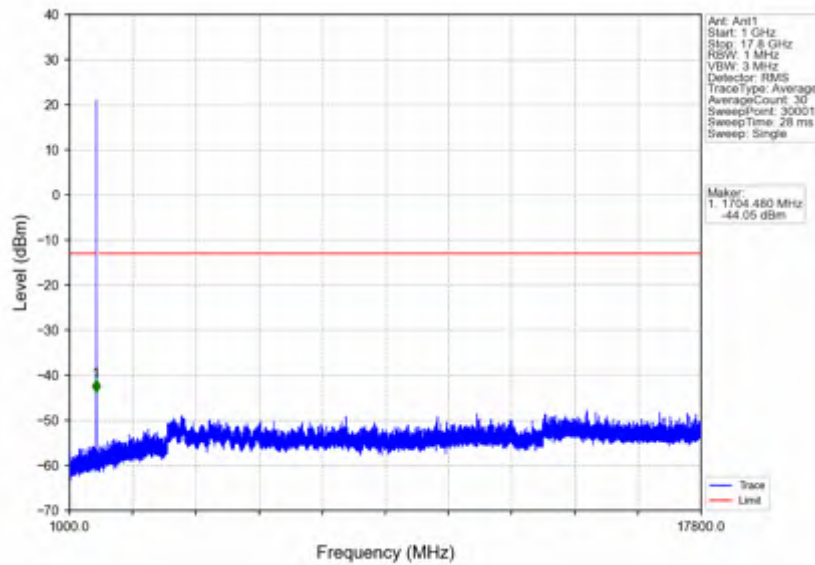
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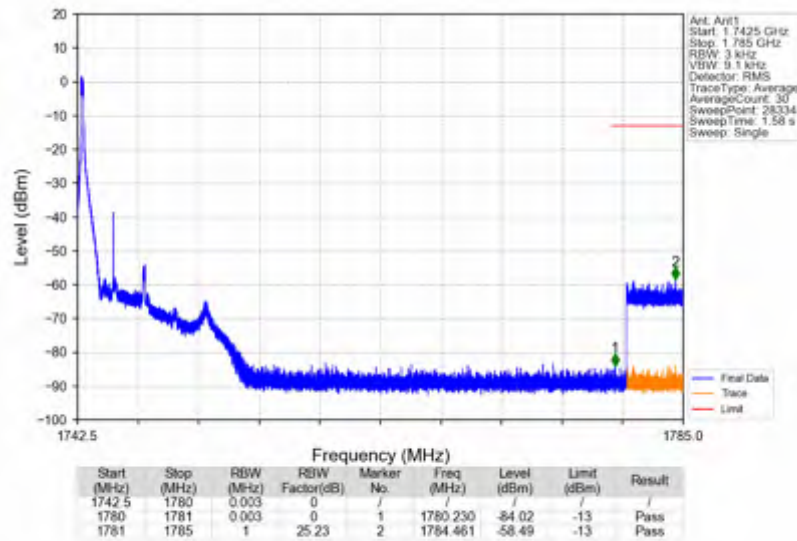
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1712.5MHz\_Inner\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



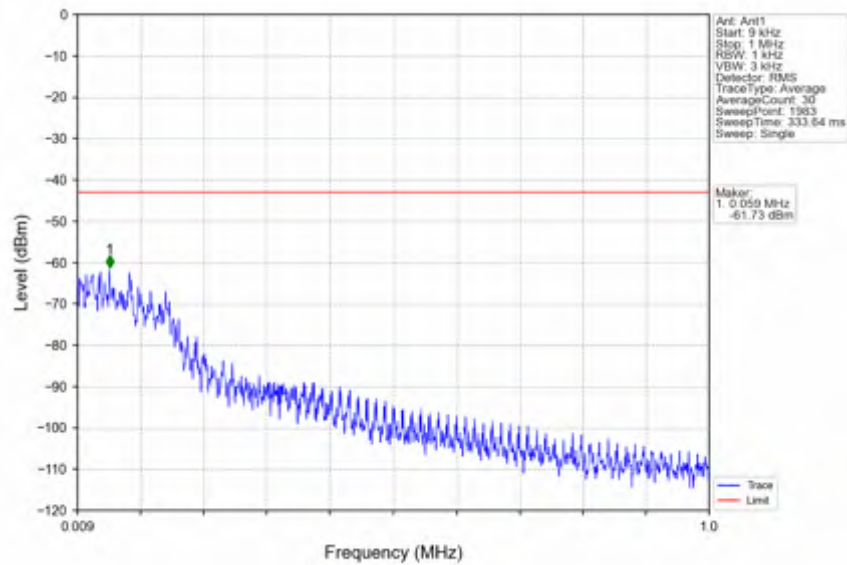
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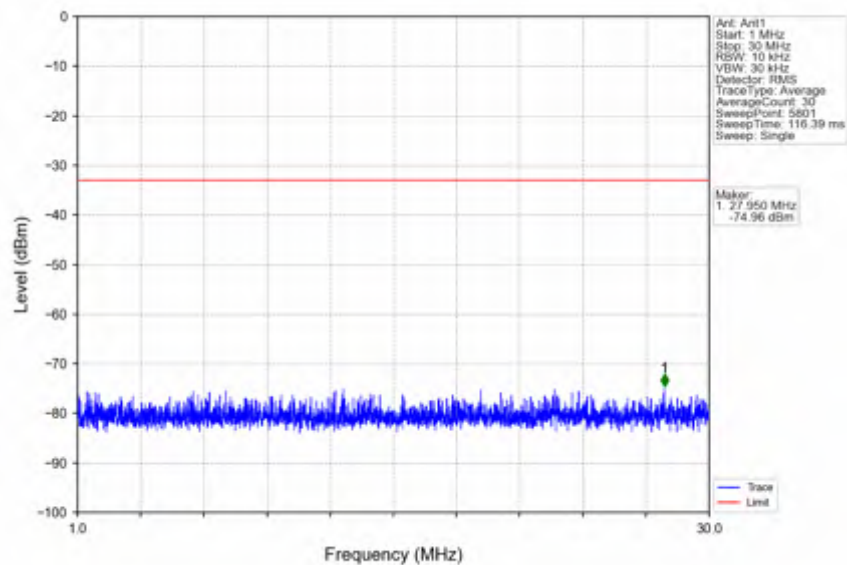
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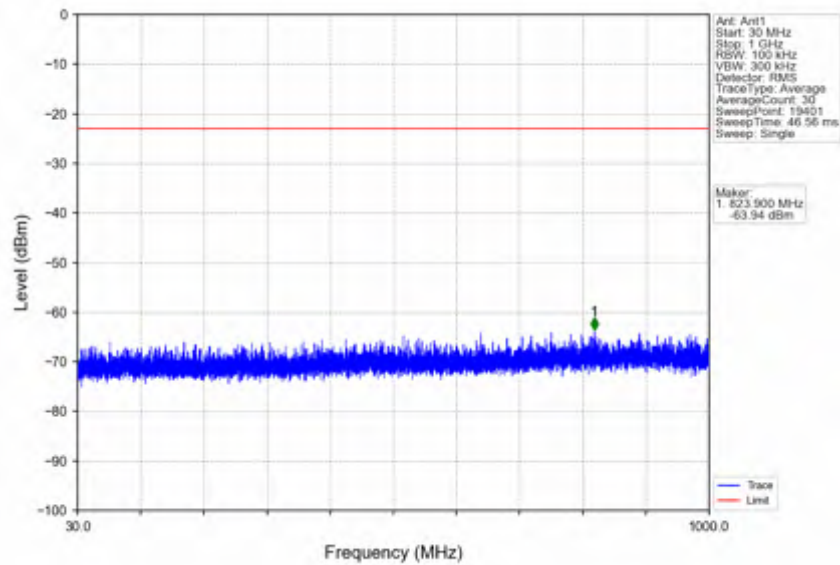
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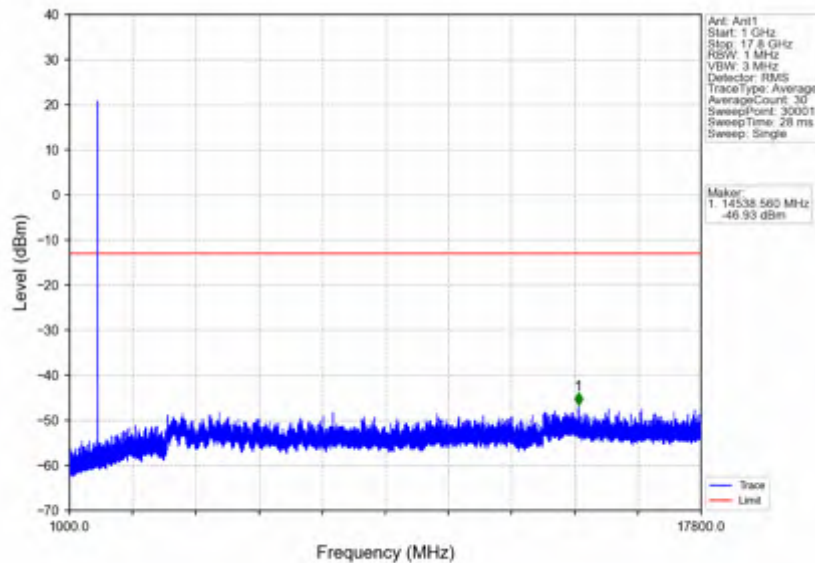
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



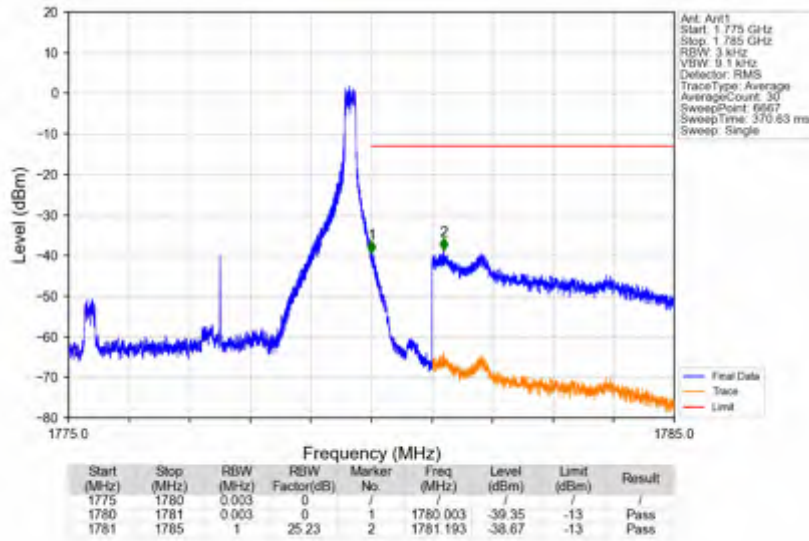
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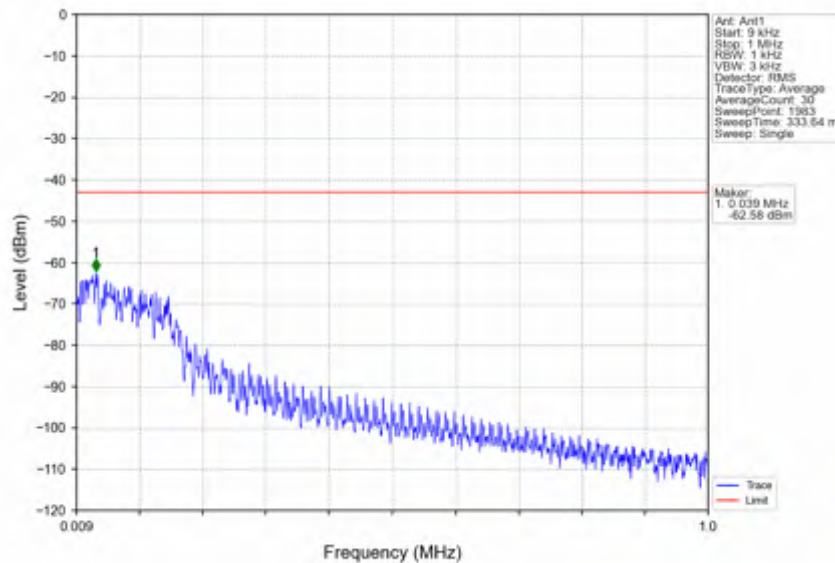
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1777.5MHz\_Edge\_1RB\_Right



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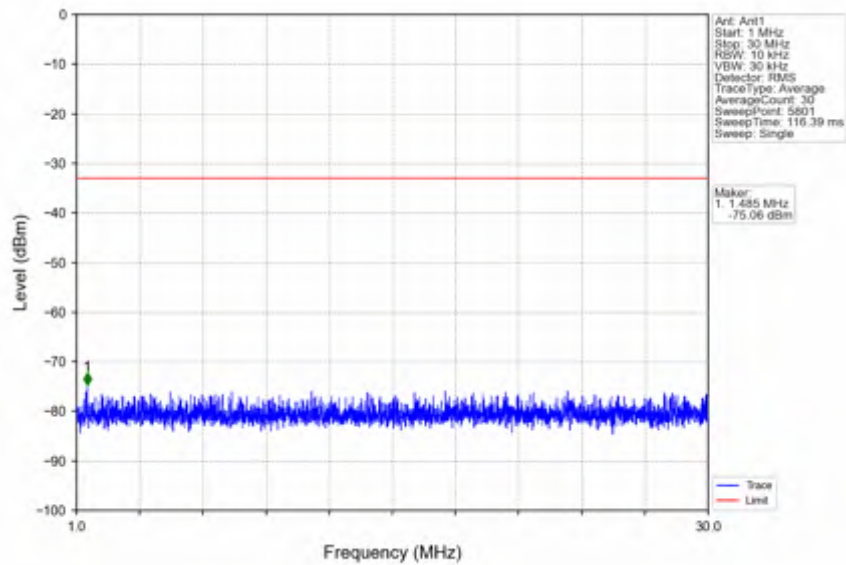


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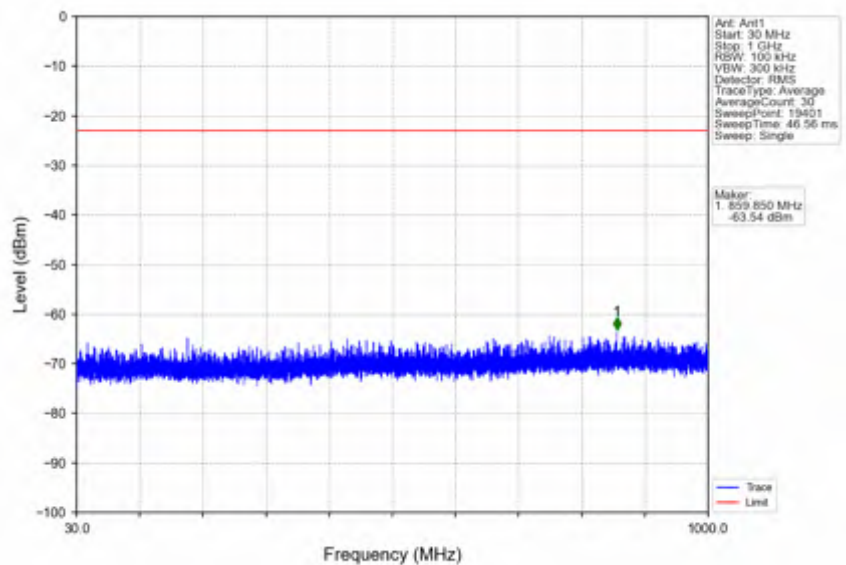
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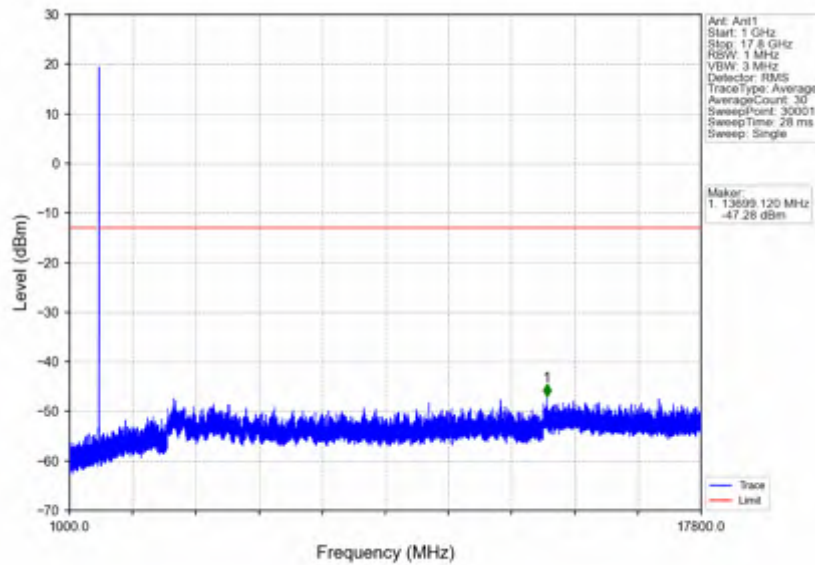
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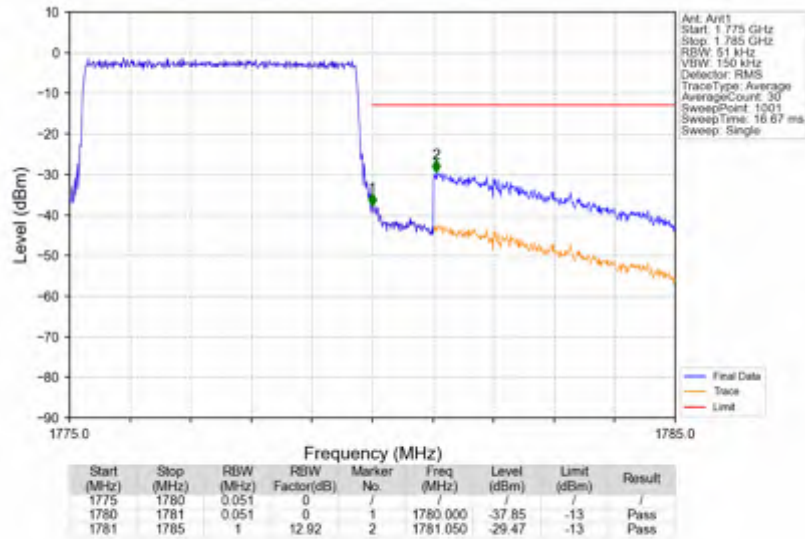
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1777.5MHz\_Edge\_1RB\_Right



n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1777.5MHz\_Outer\_Full



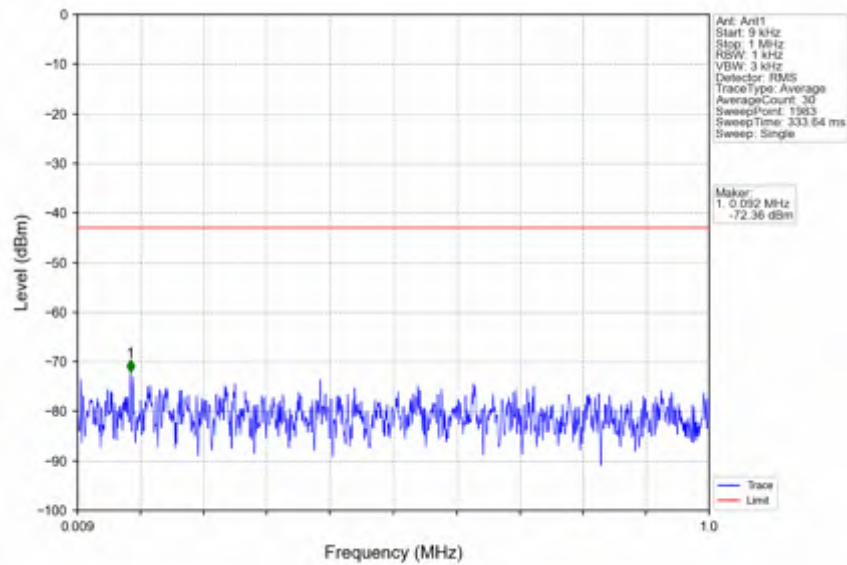
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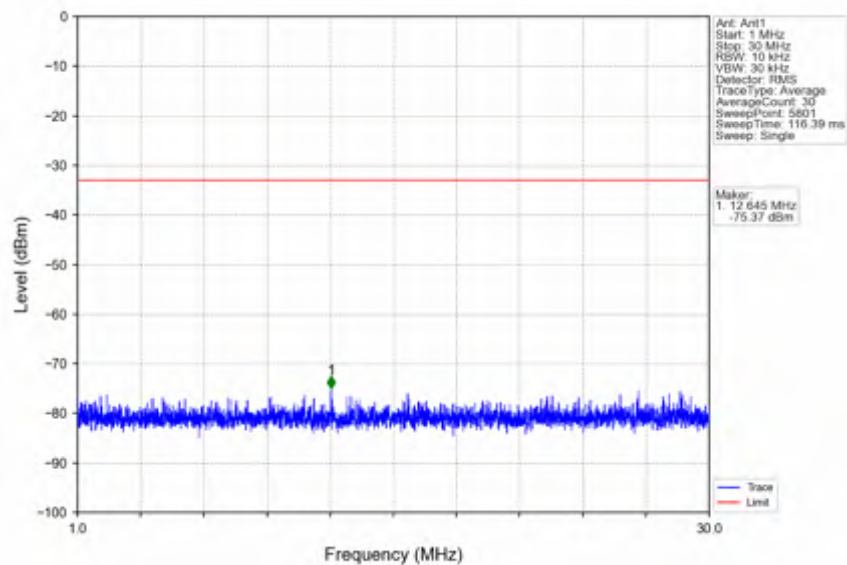
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1777.5MHz\_Outer\_Full



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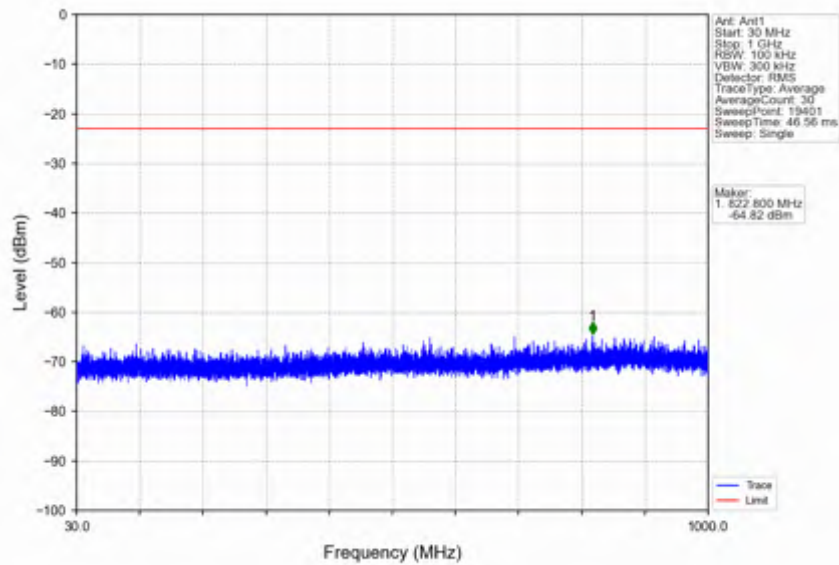
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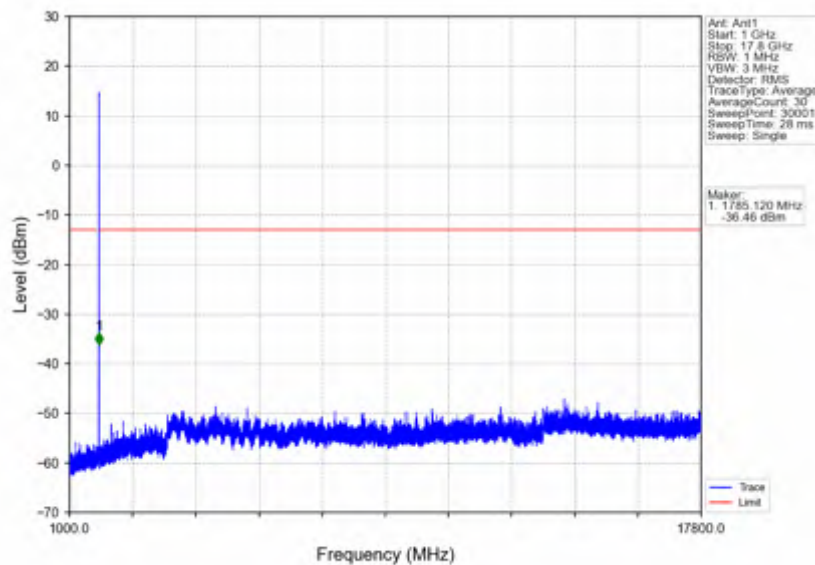
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1777.5MHz\_Outer\_Full



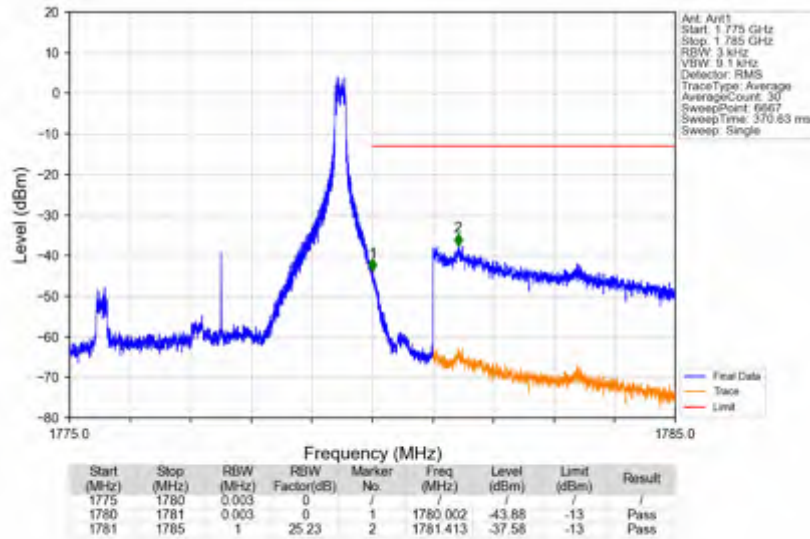
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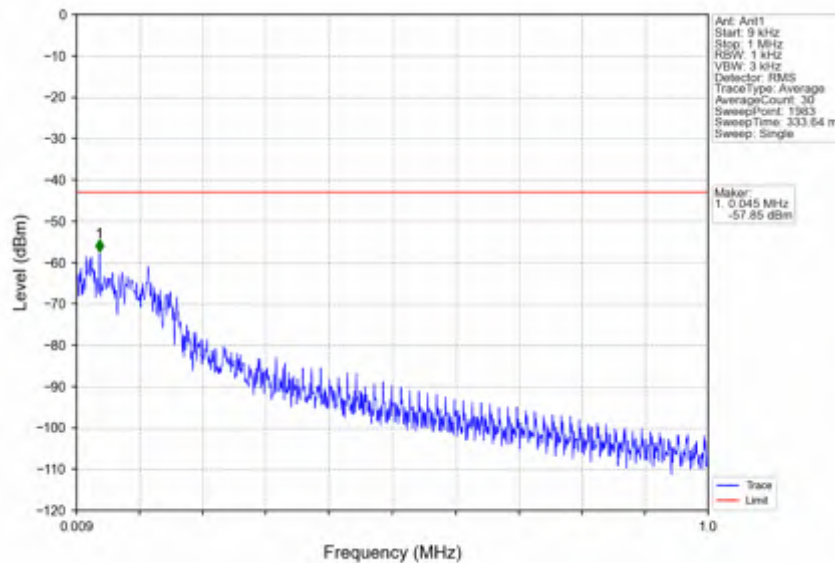
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n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1777.5MHz\_Inner\_1RB\_Right



n66\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_1777.5MHz\_Inner\_1RB\_Right

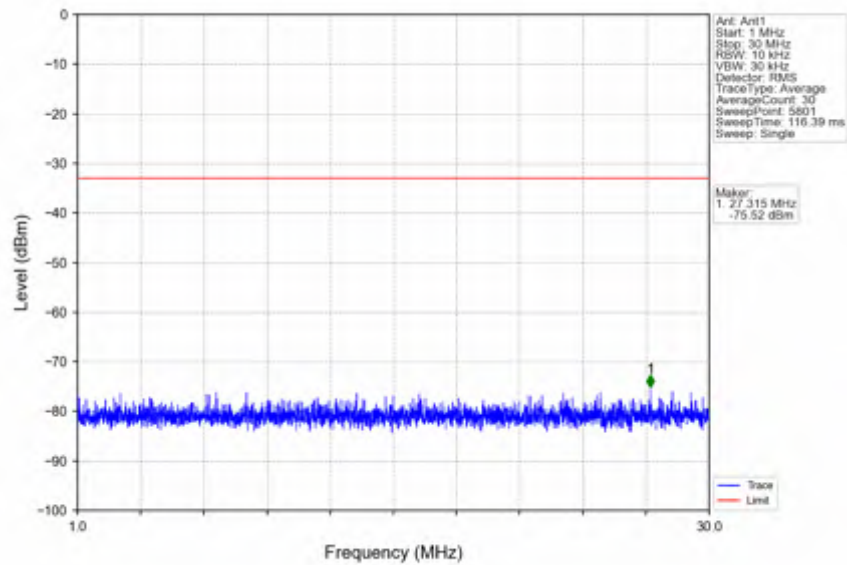


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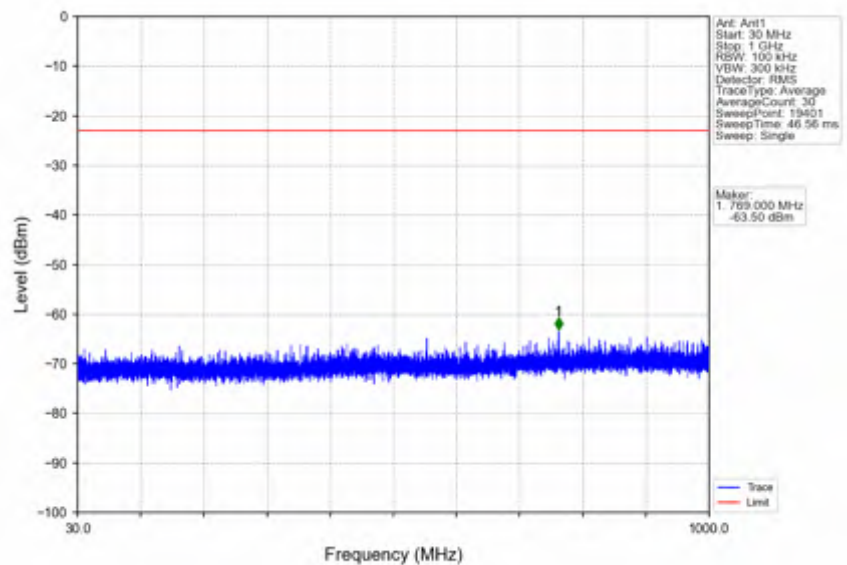
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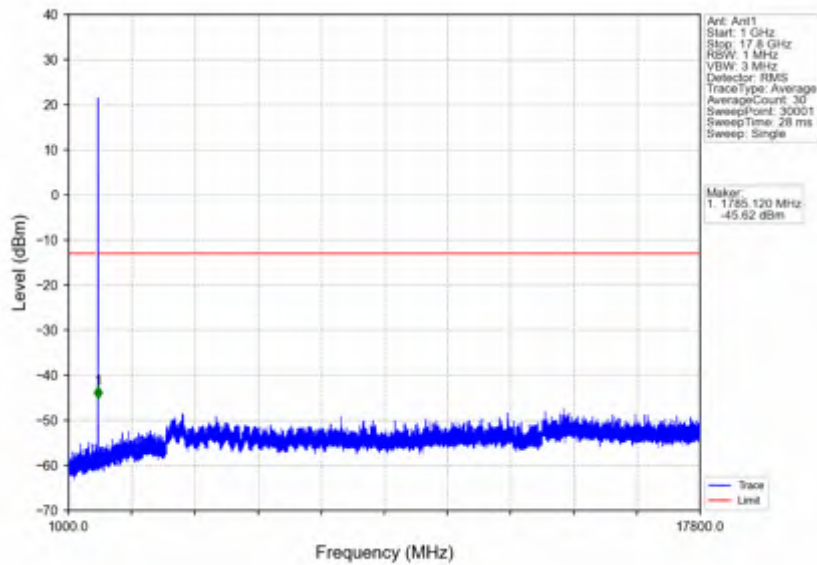
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7.2 15k\_SISO\_10MHz\_NTNV

7.2.1 Test Result

5G NR n66 SCS=15kHz SISO 10MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	1715	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	1745	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
1775	Inner_1RB_Right	Refer To Test Graph			Pass	
	Edge_1RB_Left	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	
DFT-s-OFDM QPSK	1715	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
	1745	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
CP-OFDM QPSK	1715	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	1745	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
1775	Inner_1RB_Right	Refer To Test Graph			Pass	
	Inner_1RB_Left	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

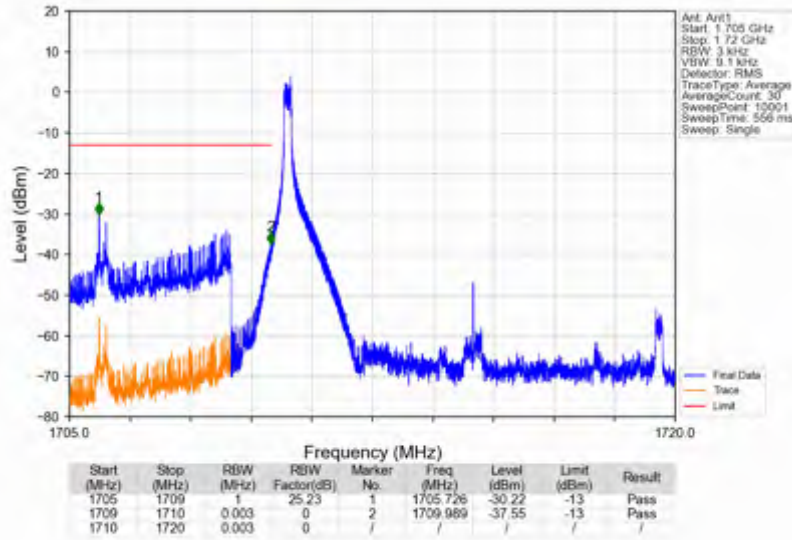


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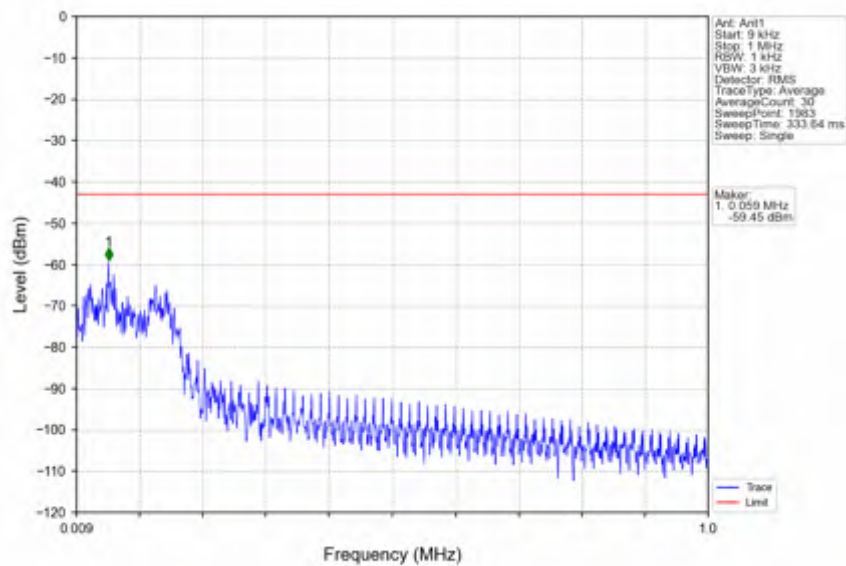
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## 7.2.2 Test Graph

n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1715MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_1715MHz\_Edge\_1RB\_Left

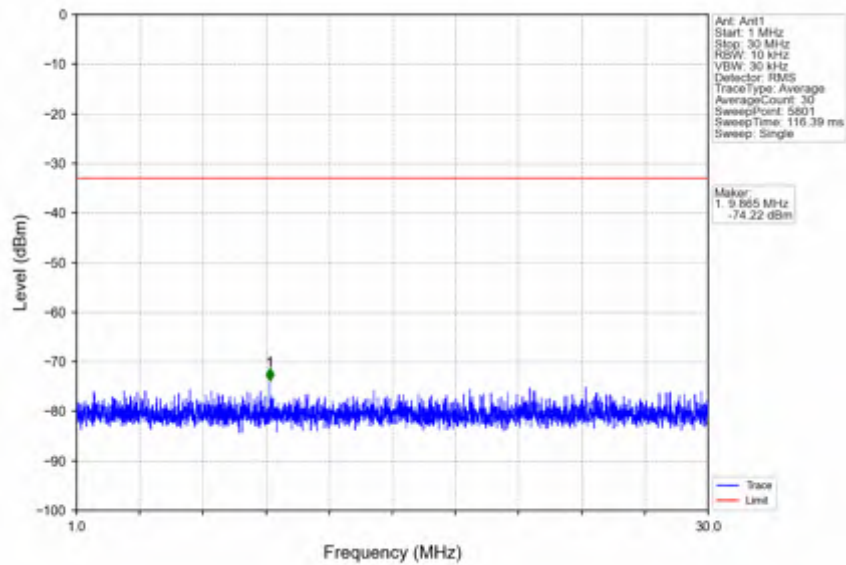


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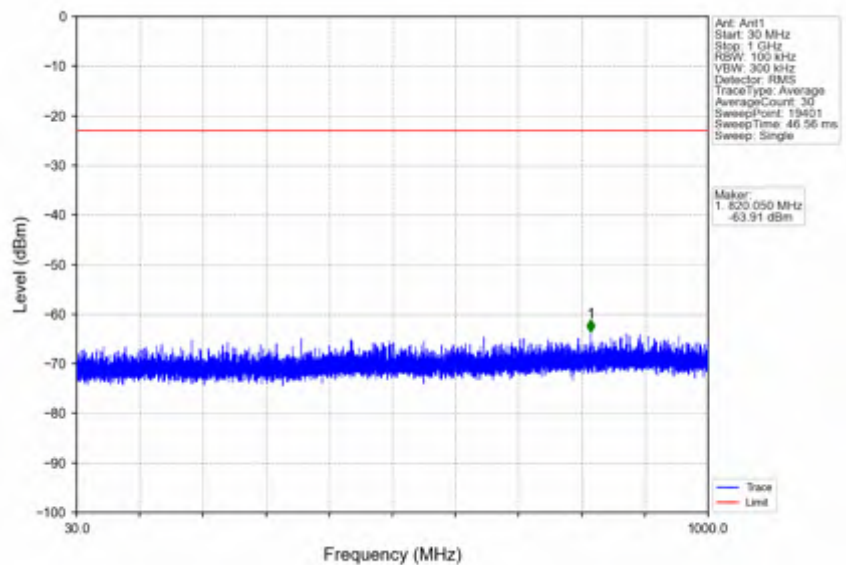
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_1715MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_1715MHz\_Edge\_1RB\_Left



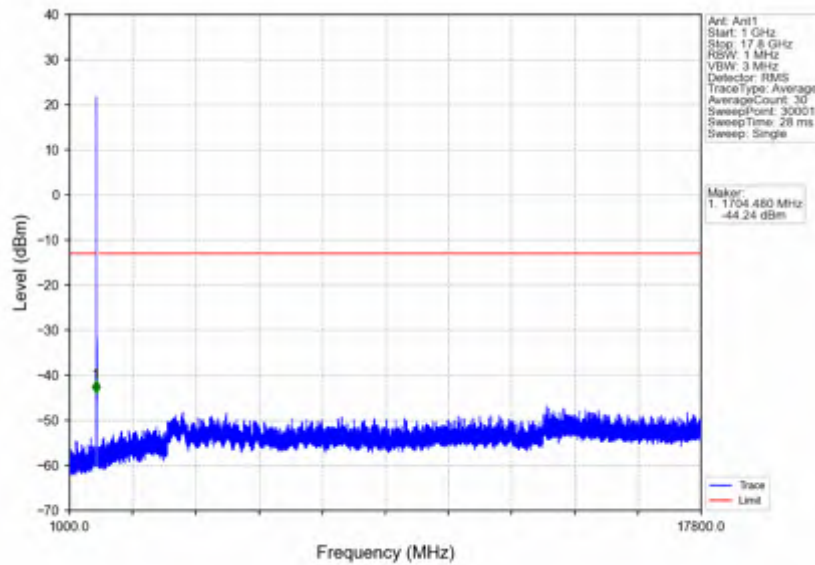
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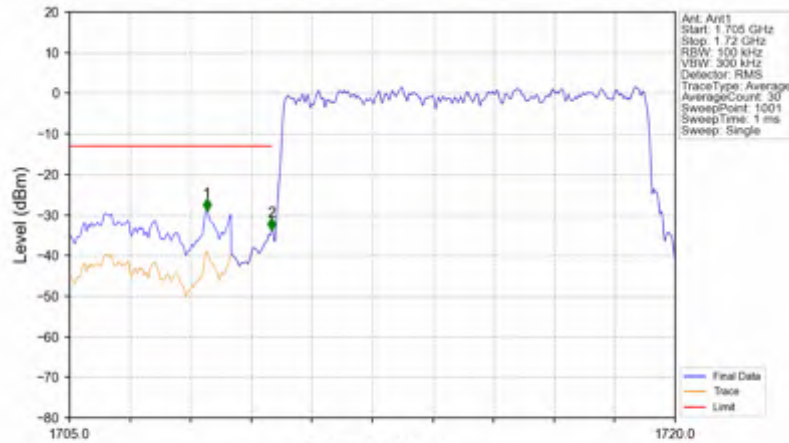
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_1715MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	10	1	1708.405	-29.00	-13	Pass
1709	1710	0.102	0.09	2	1709.995	-33.74	-13	Pass
1710	1720	0.102	0.09	/	/	/	/	/



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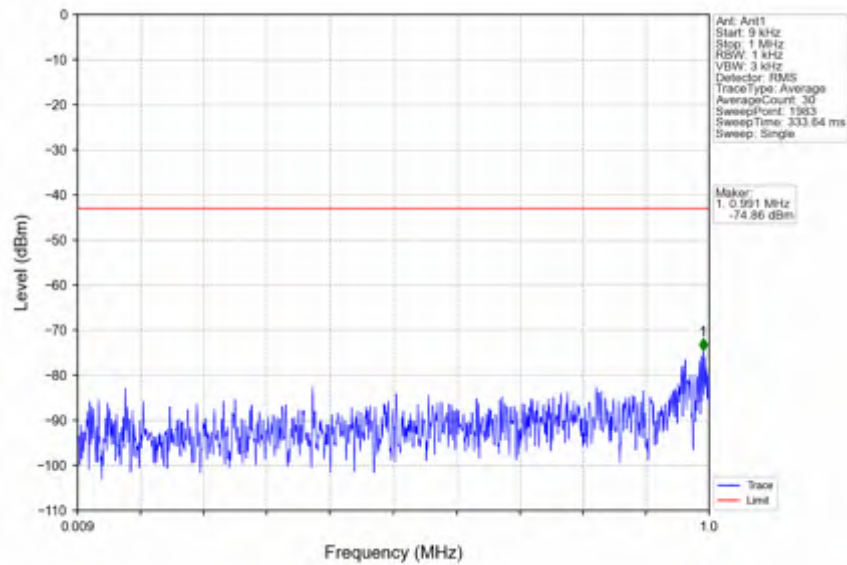
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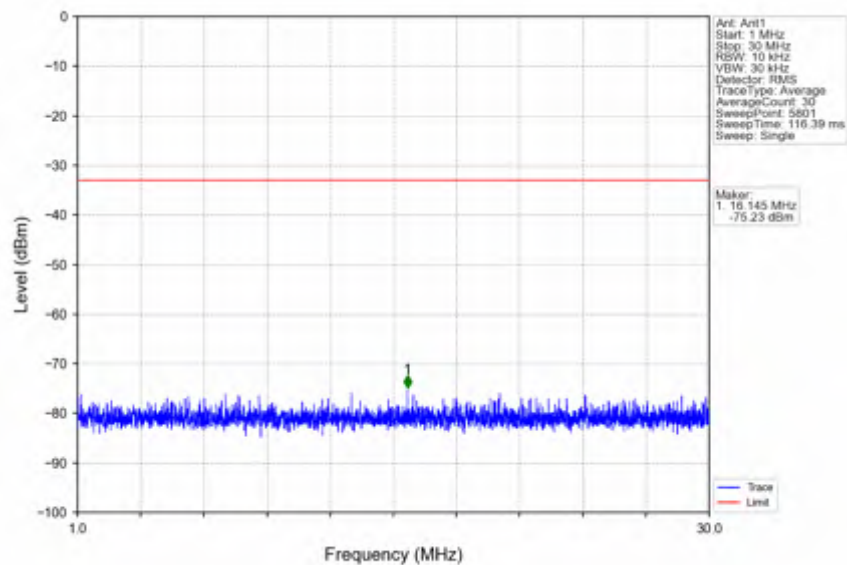
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_1715MHz\_Outer\_Full



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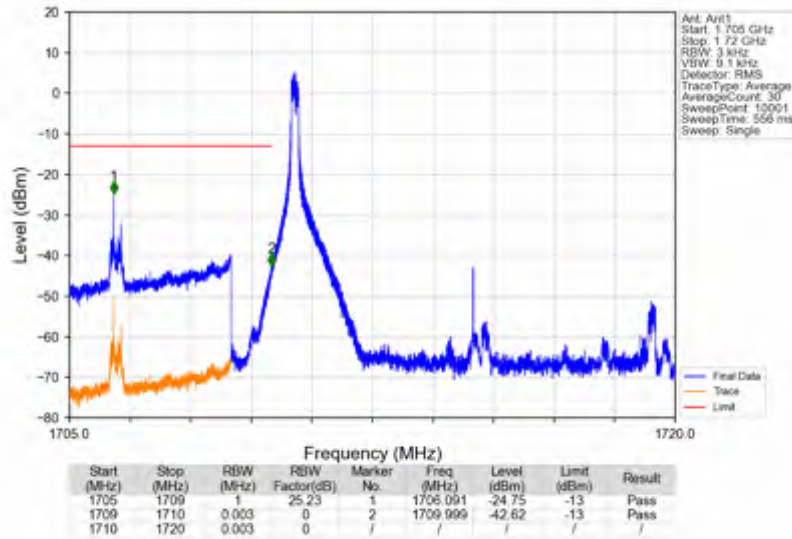
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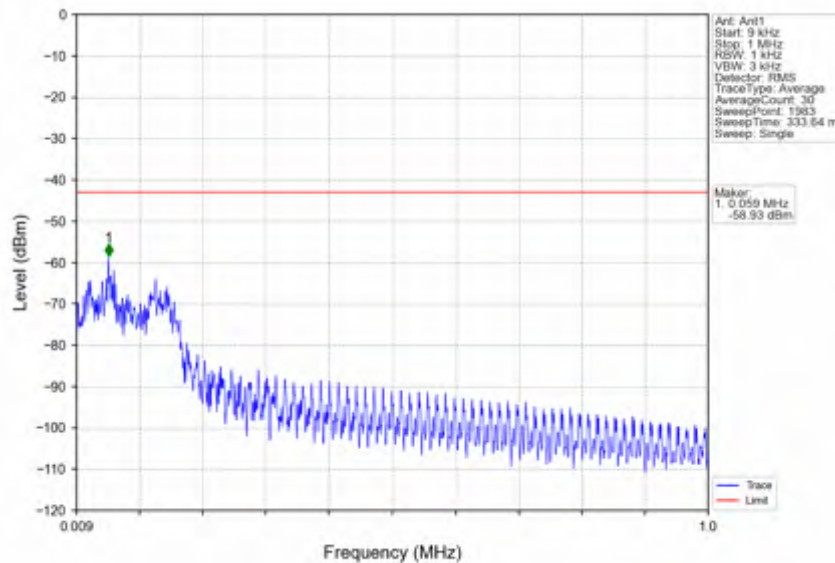
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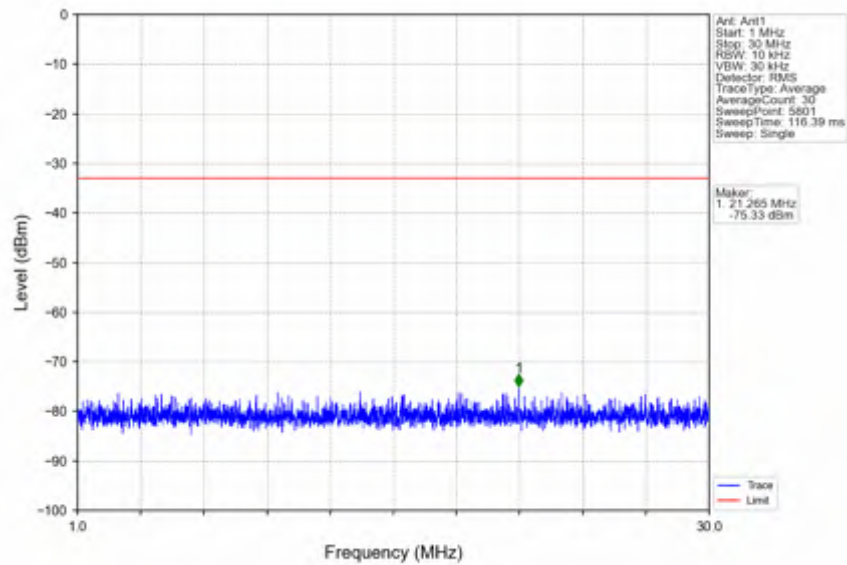


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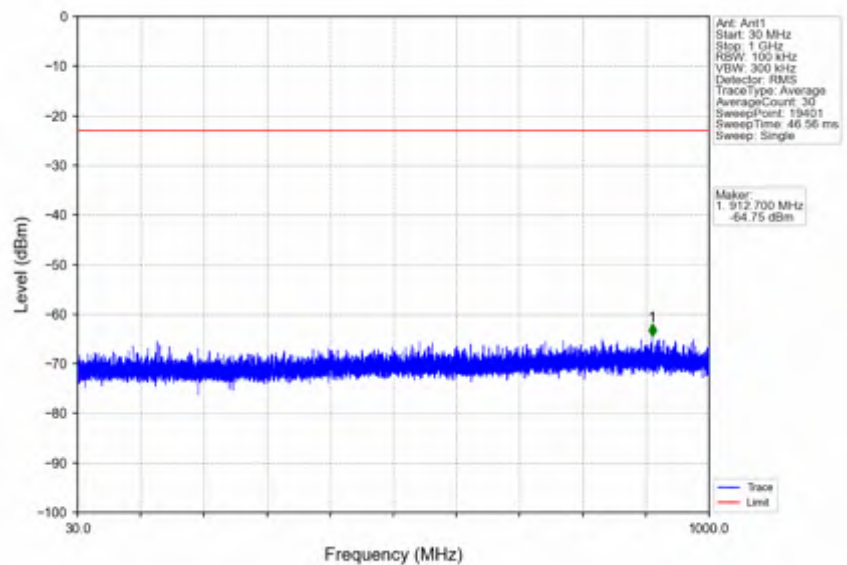
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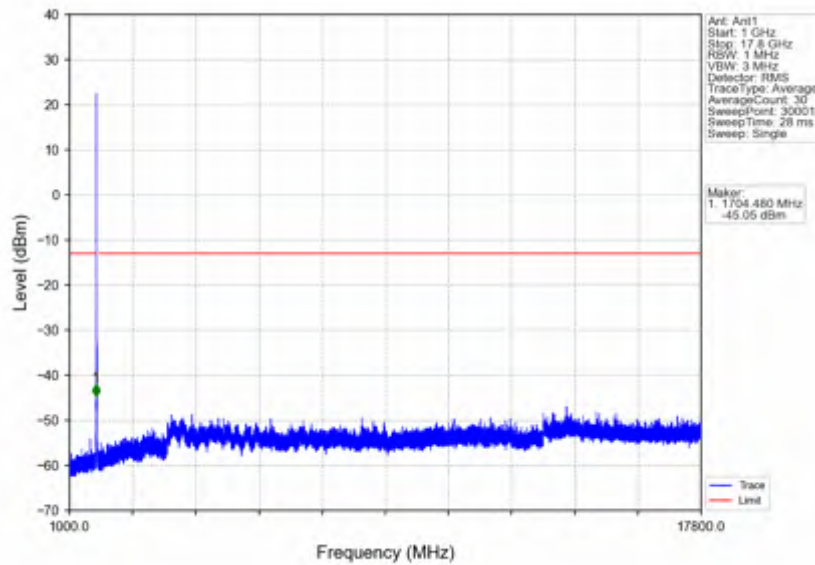
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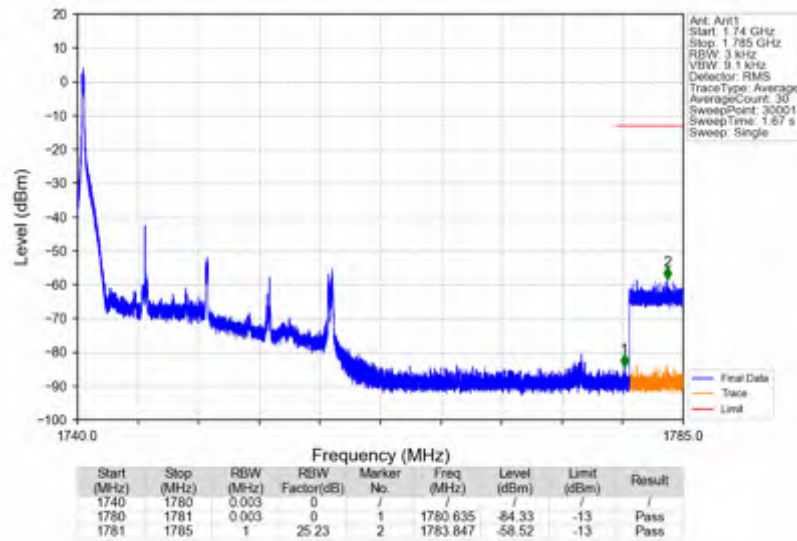
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Edge\_1RB\_Left



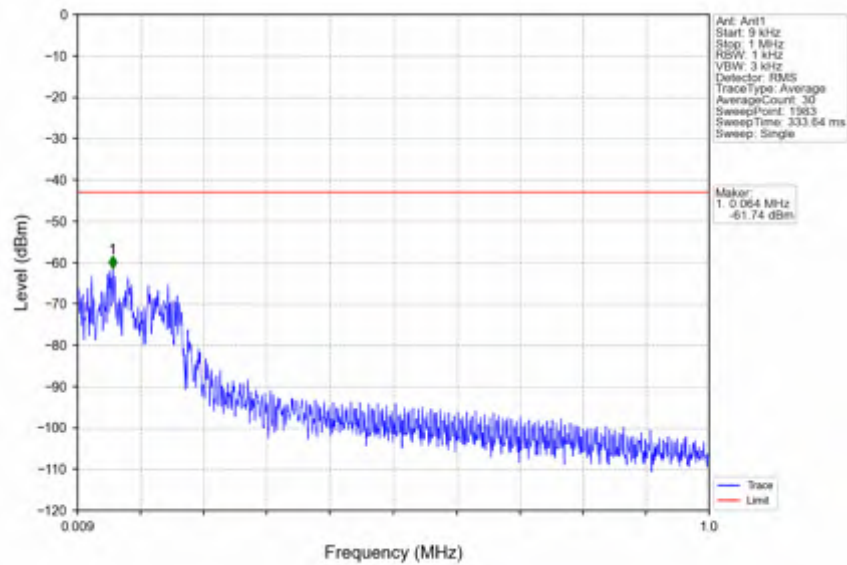
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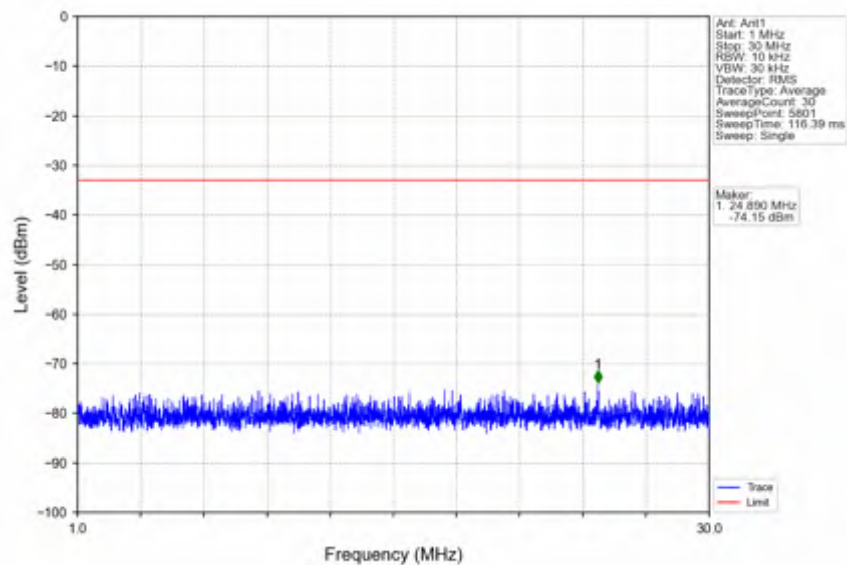
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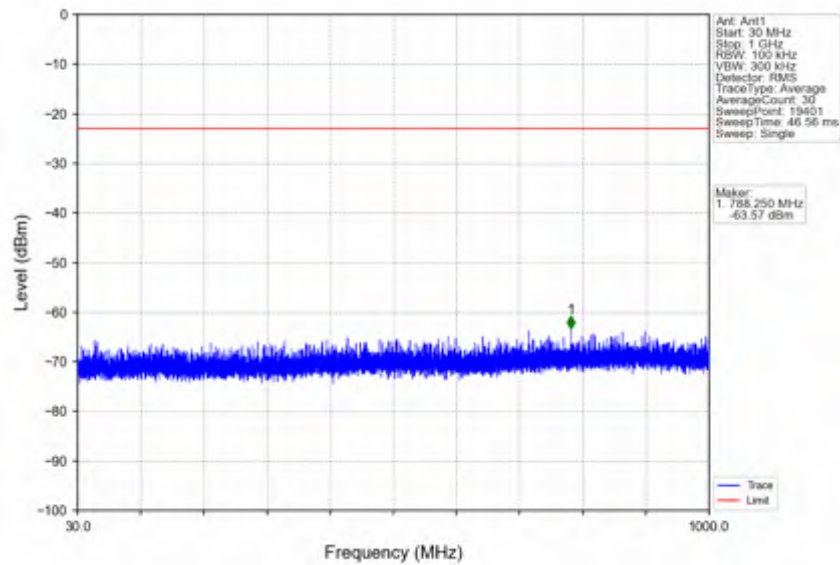
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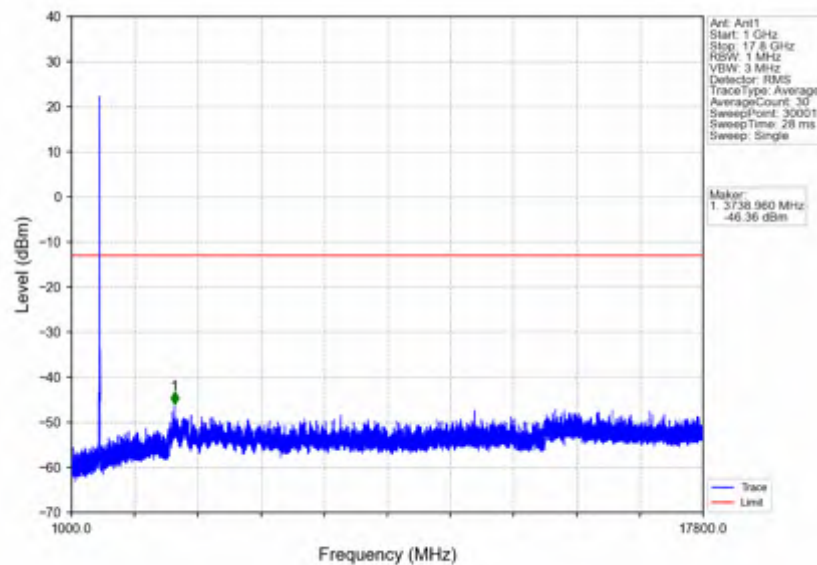
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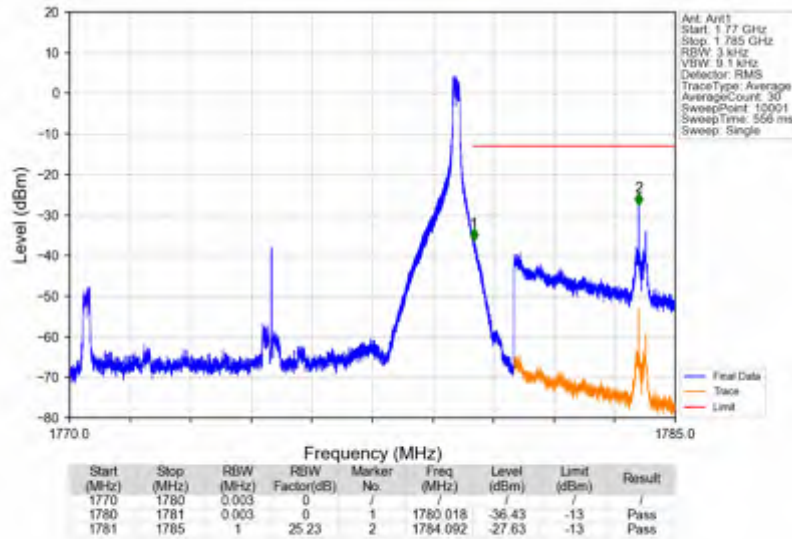
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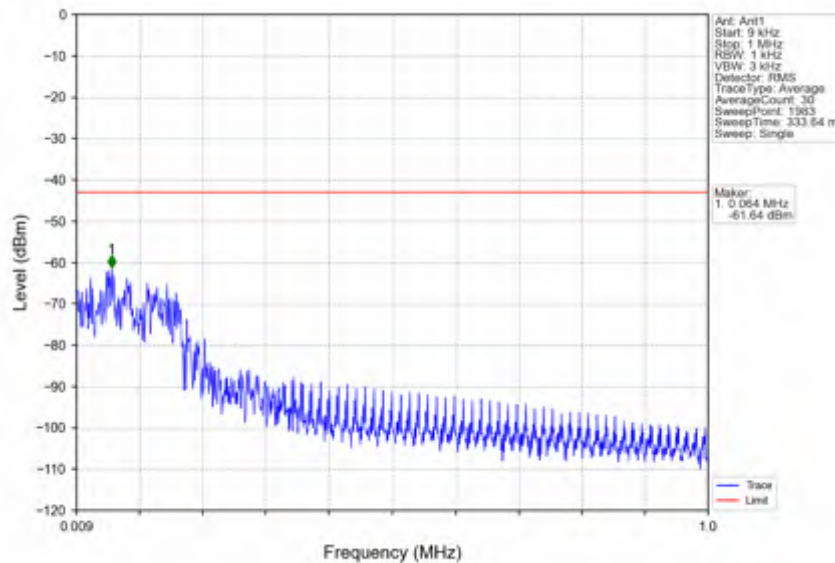
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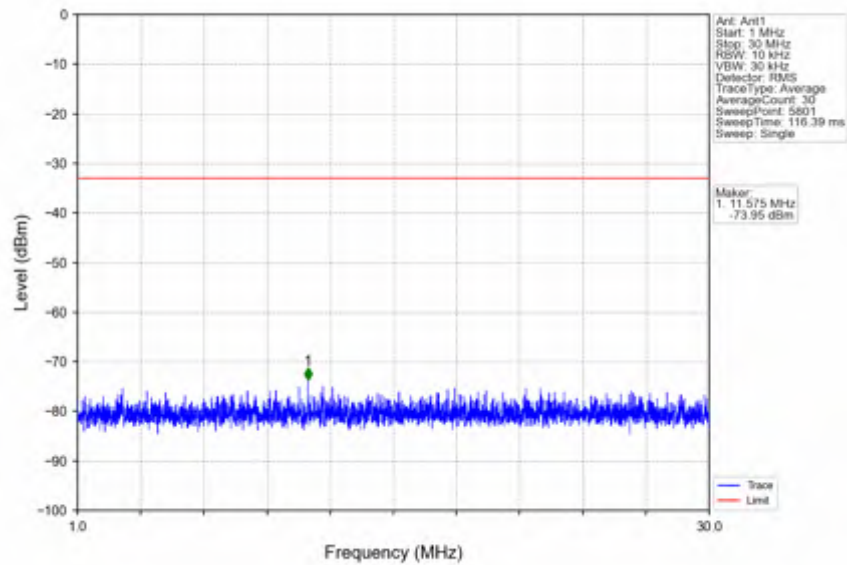
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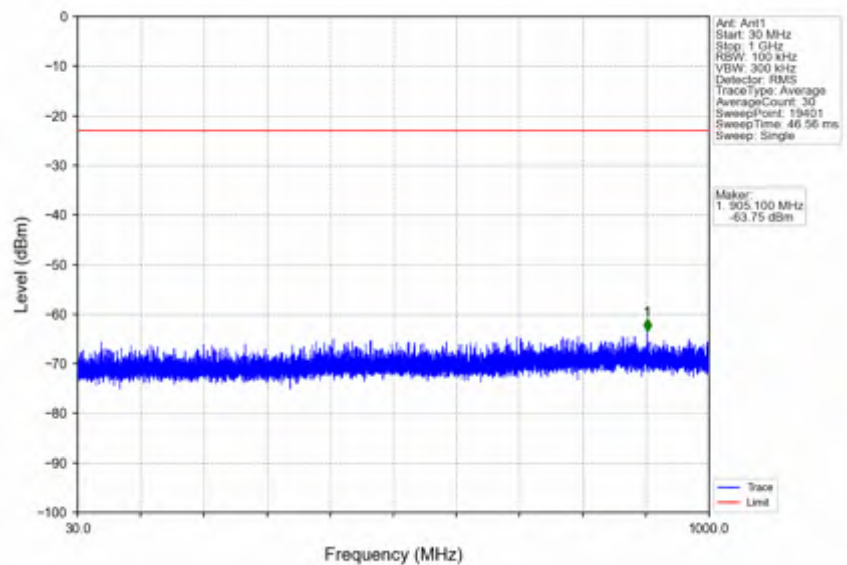
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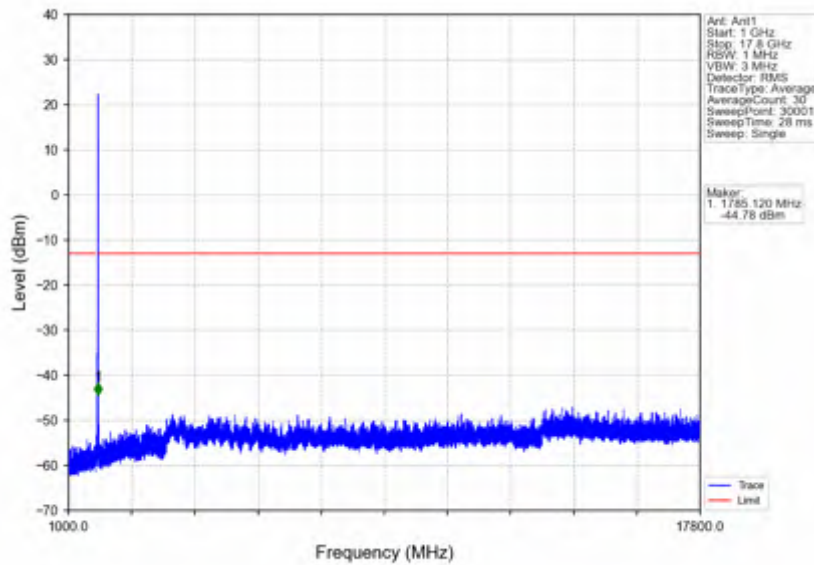
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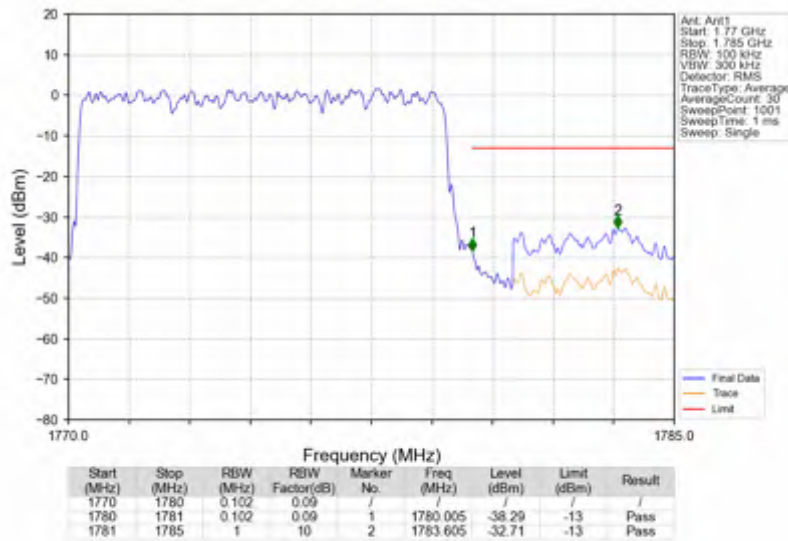
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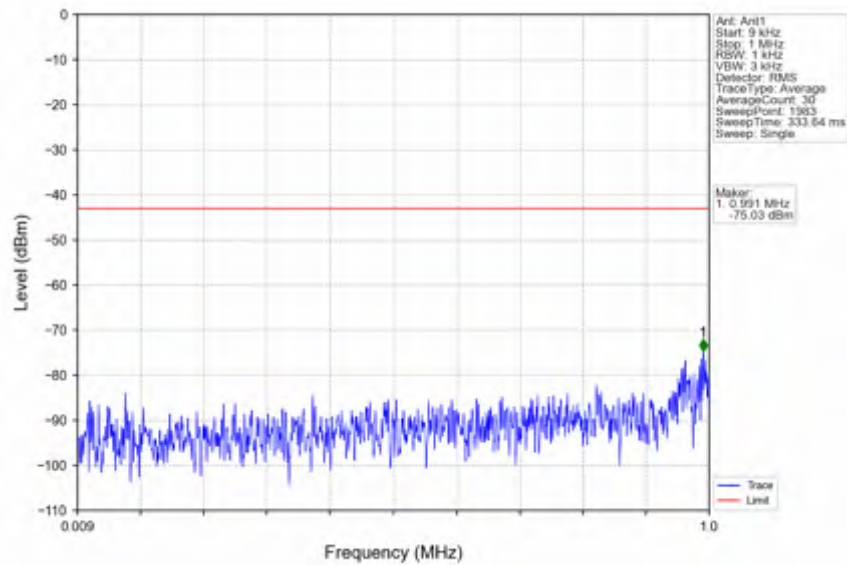
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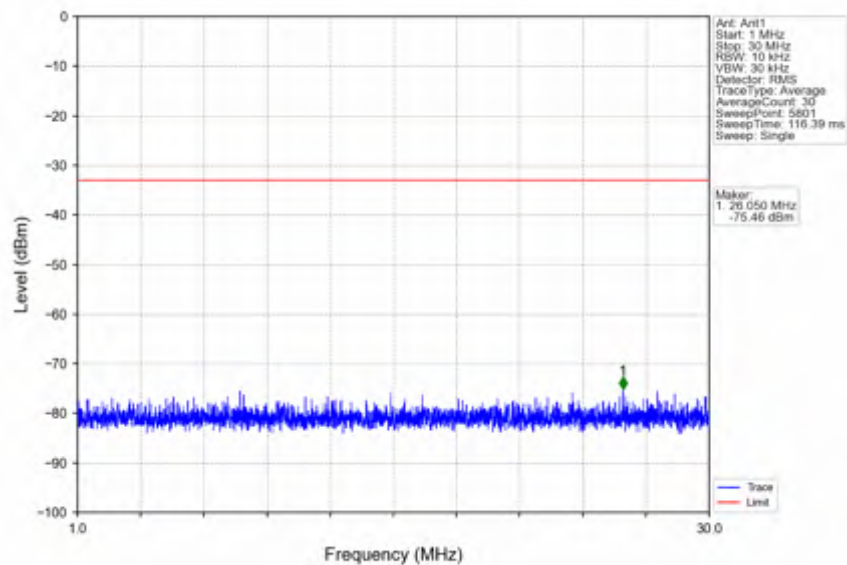
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_1775MHz\_Outer\_Full



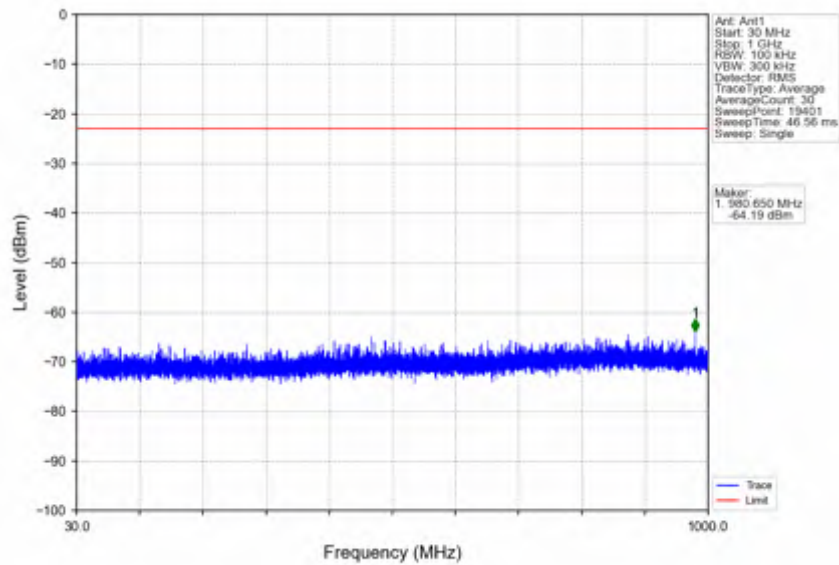
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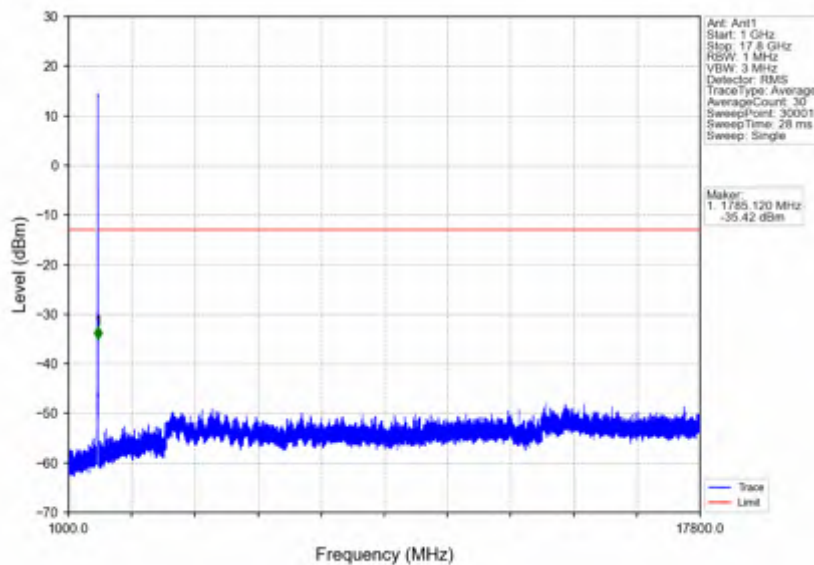
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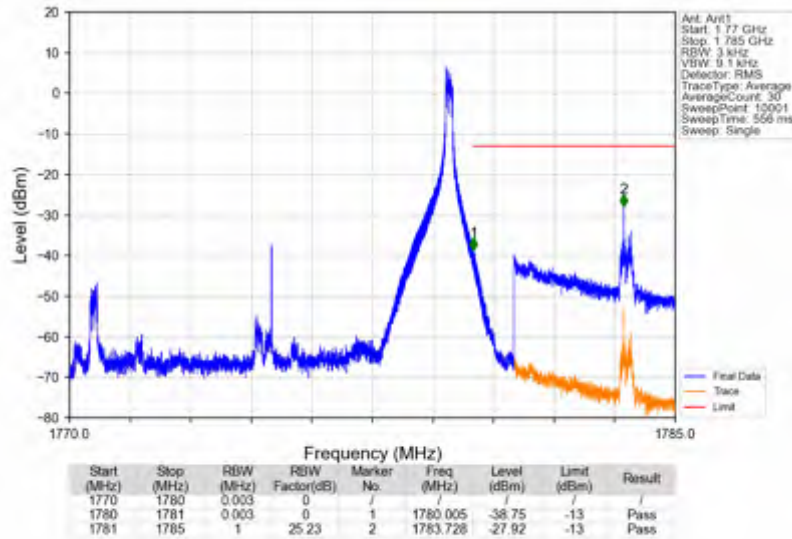
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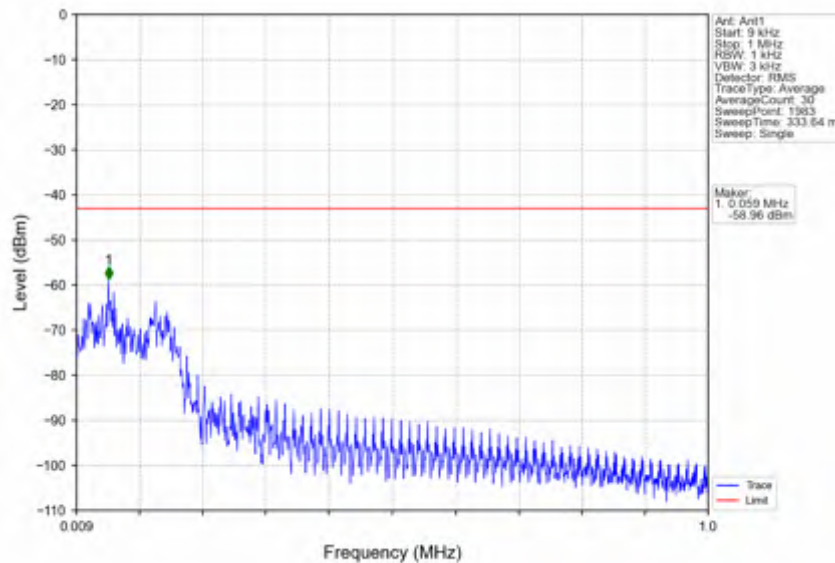
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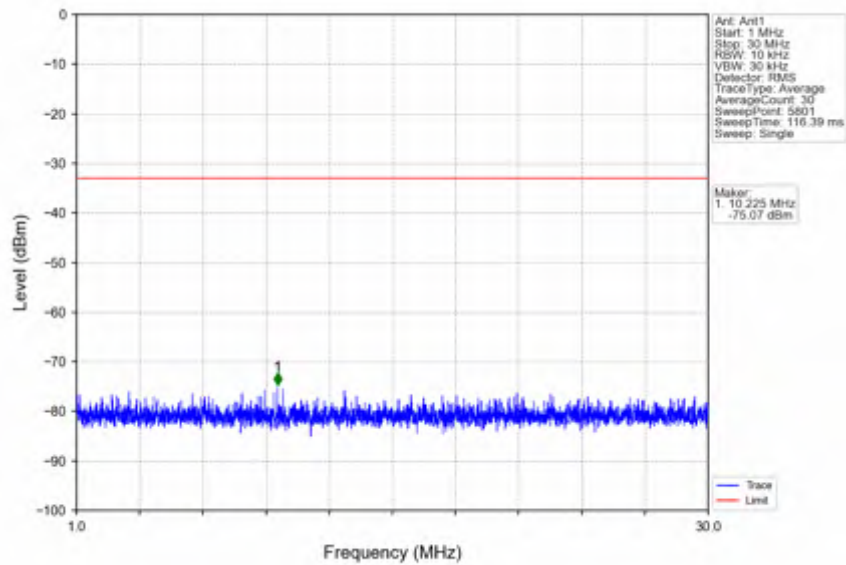


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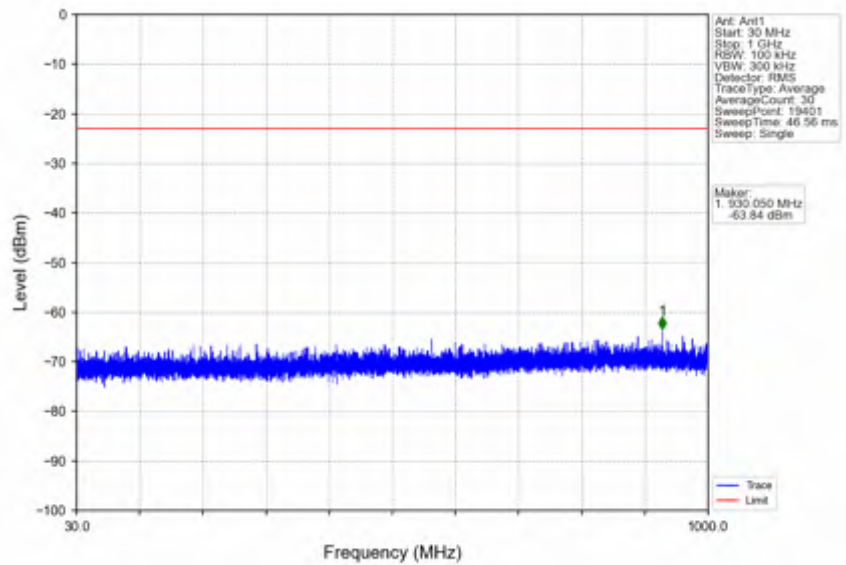
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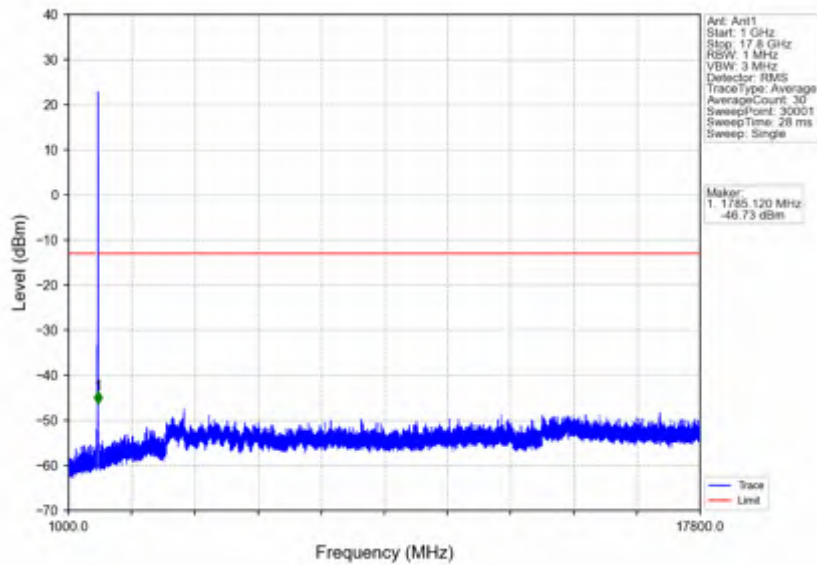
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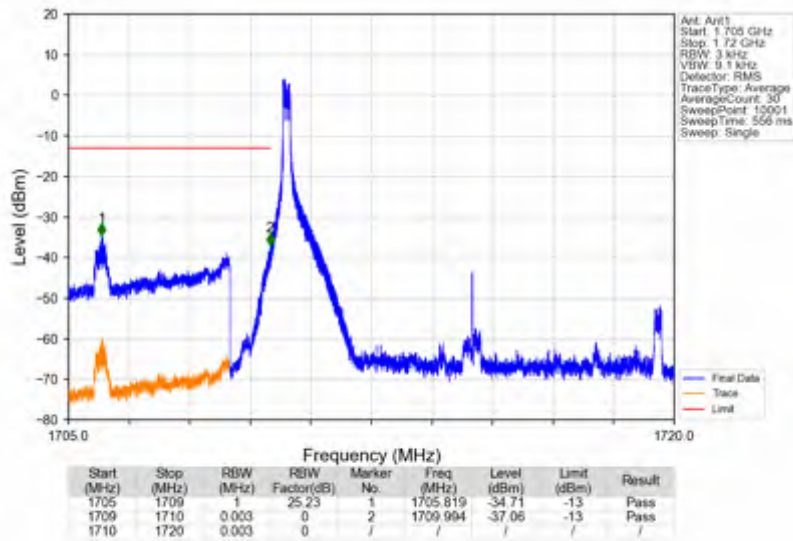
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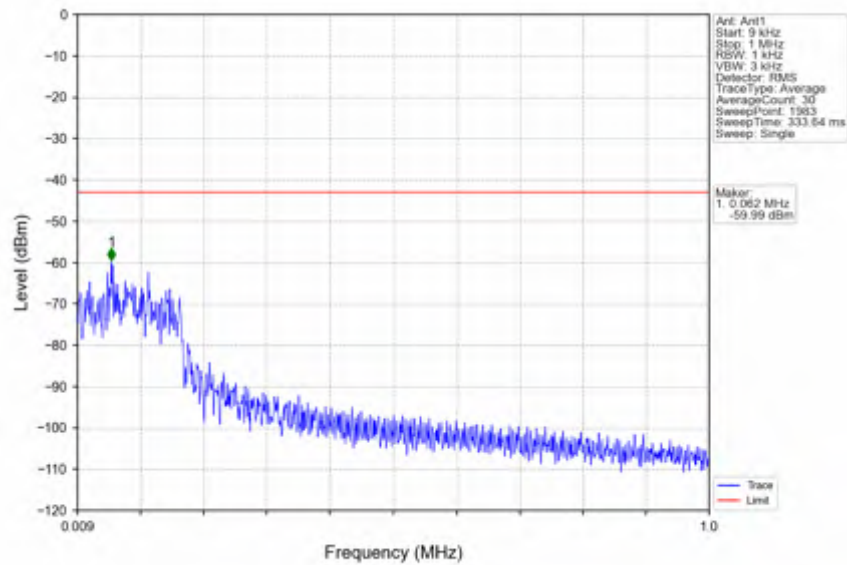


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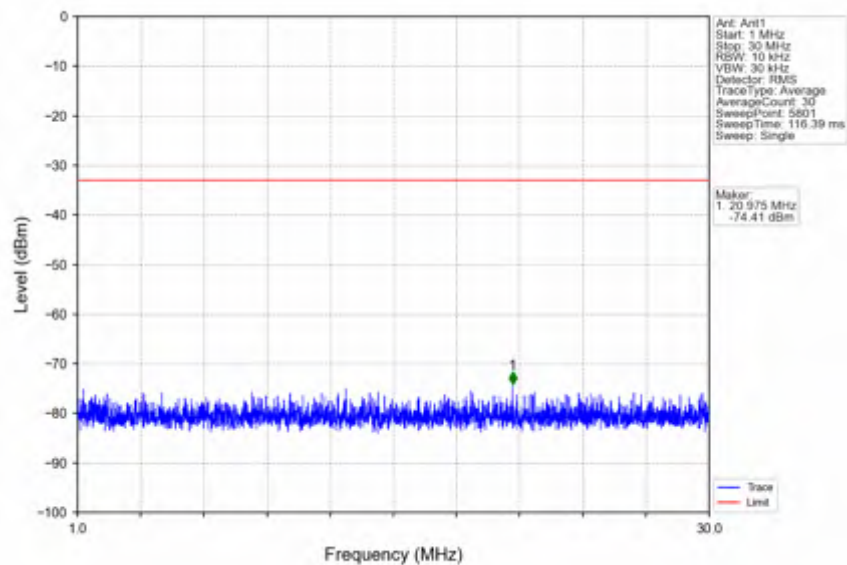
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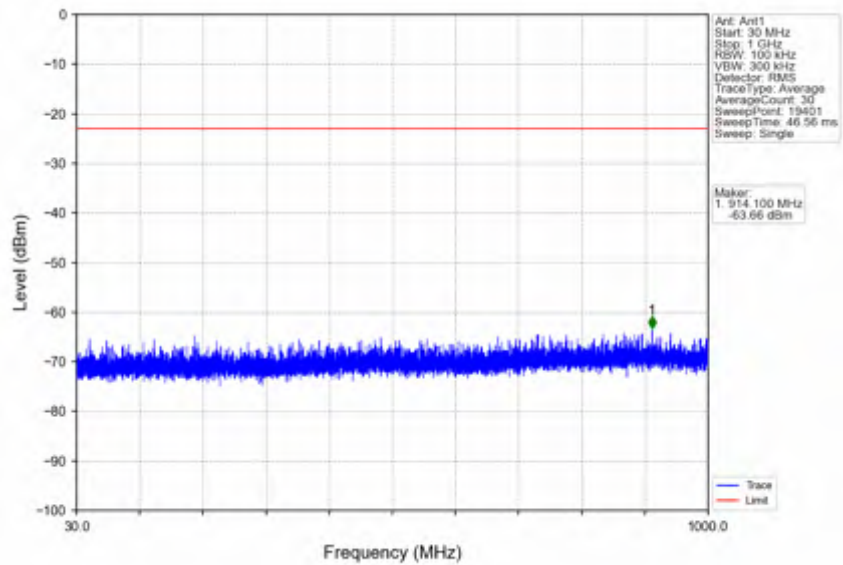
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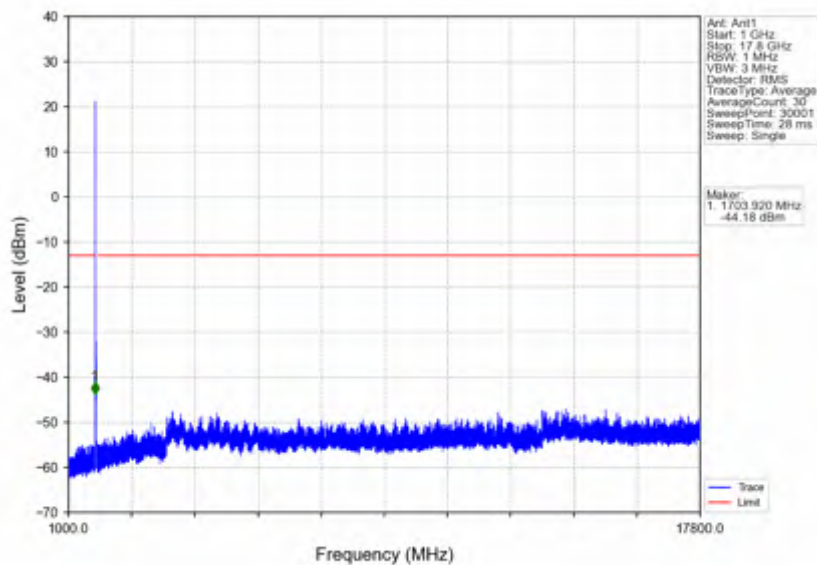
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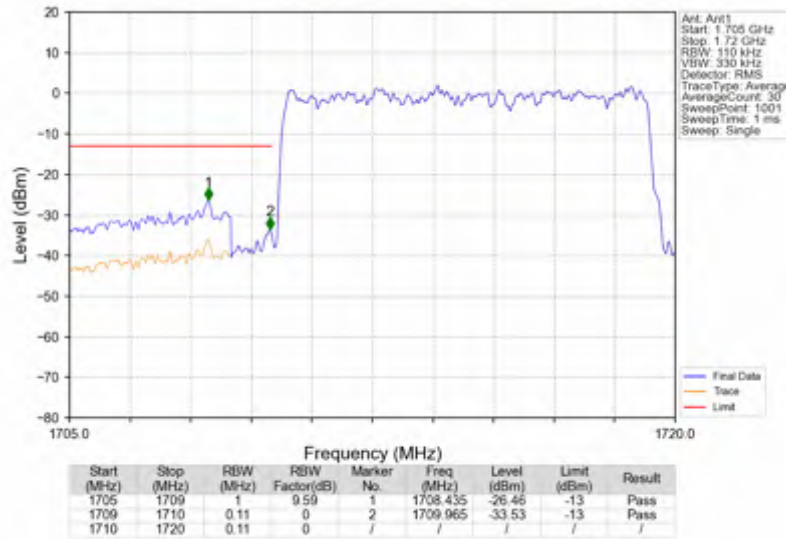
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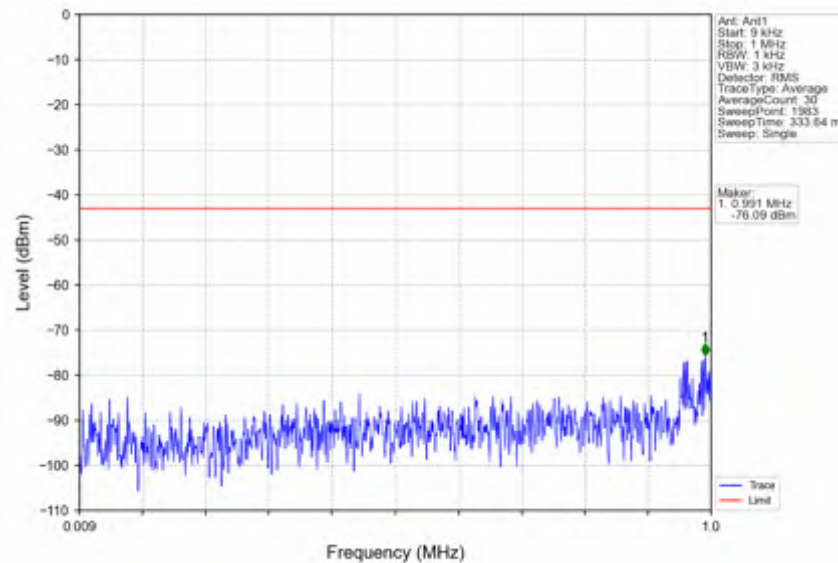
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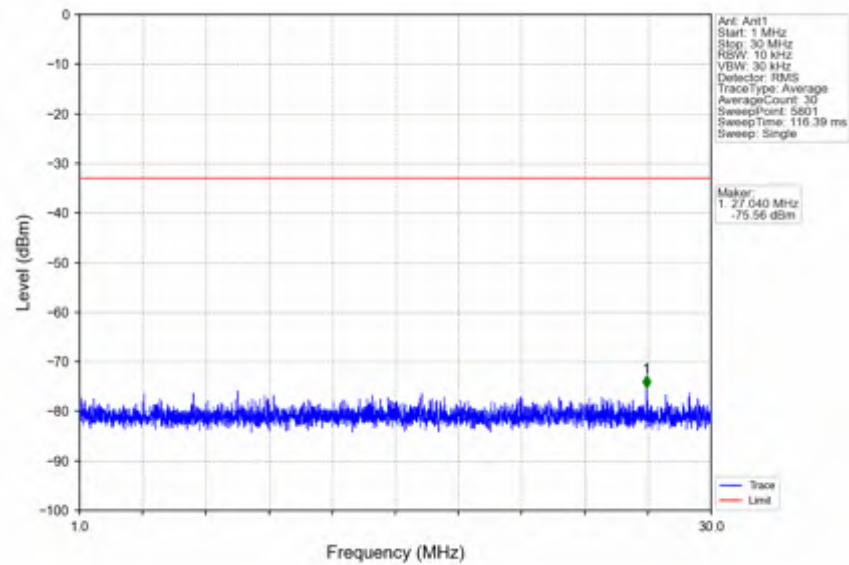


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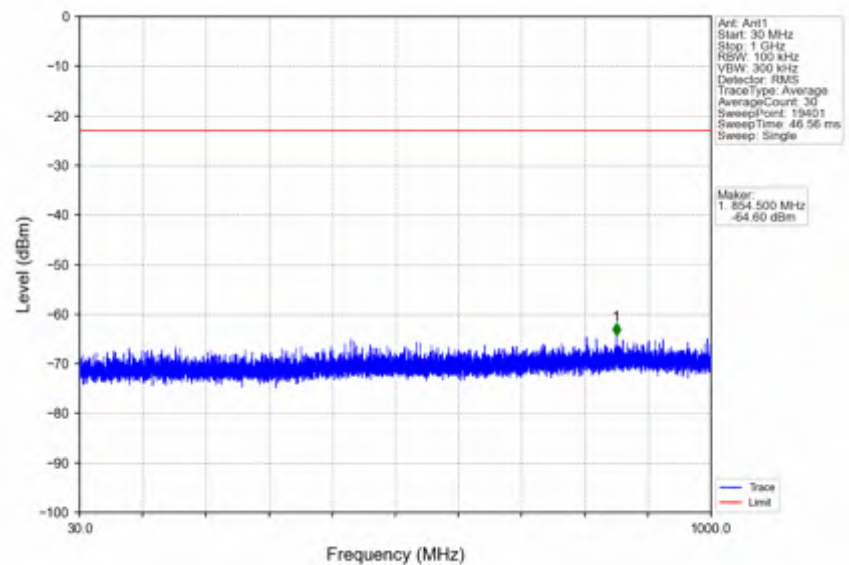
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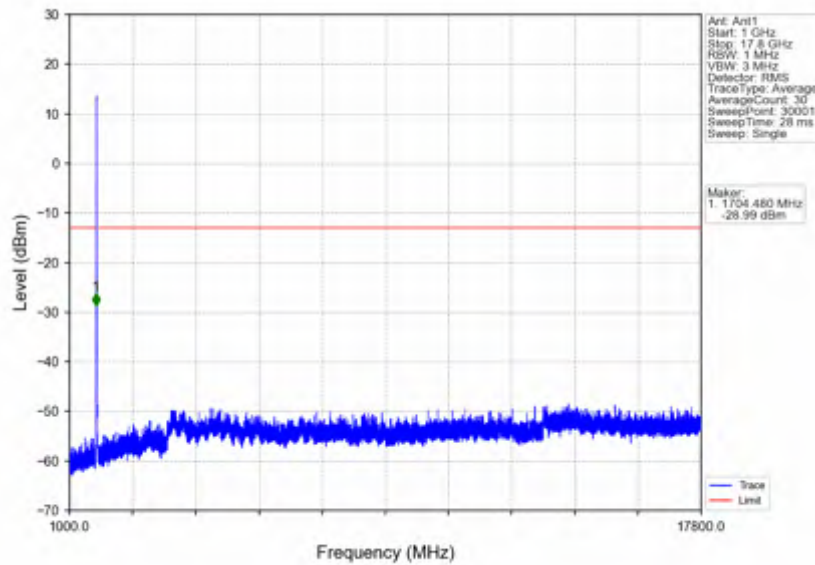


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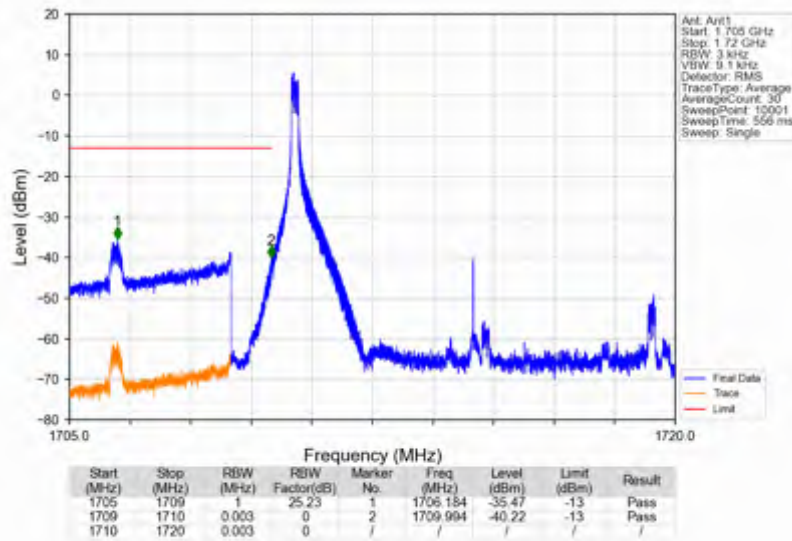
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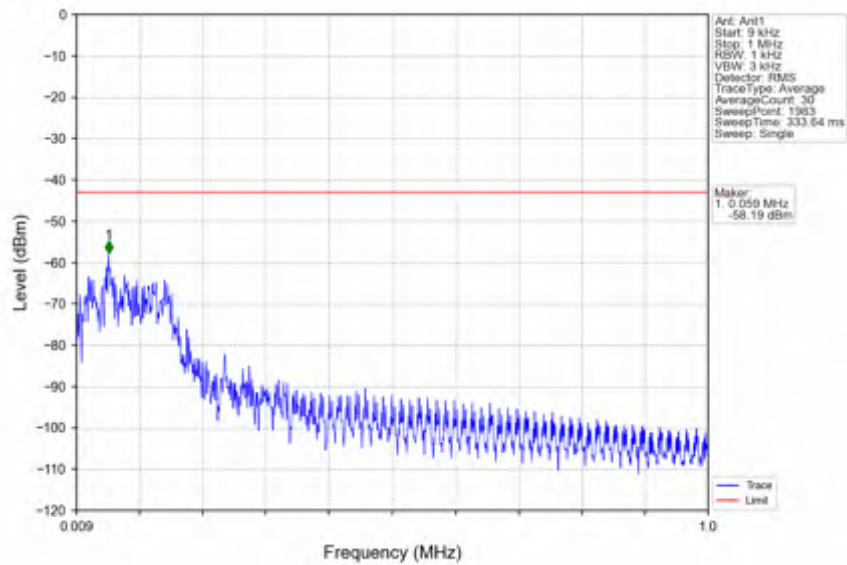
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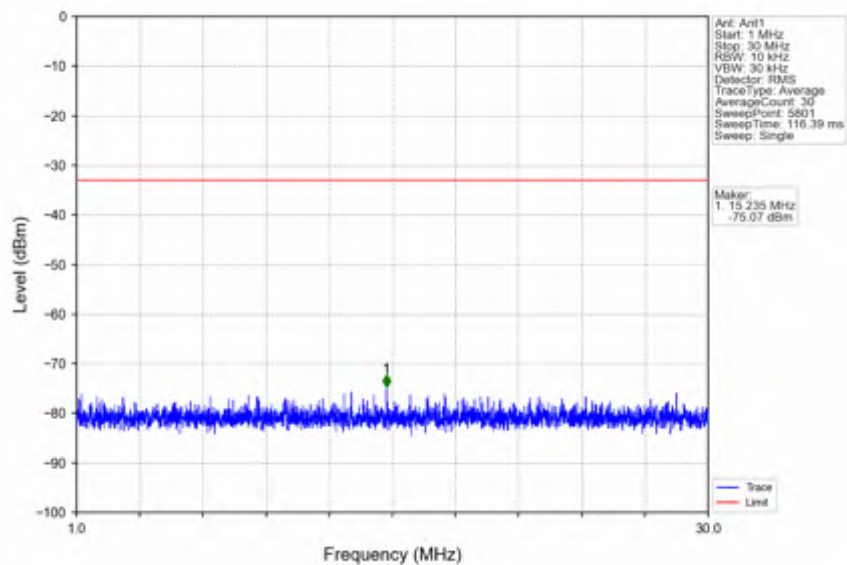
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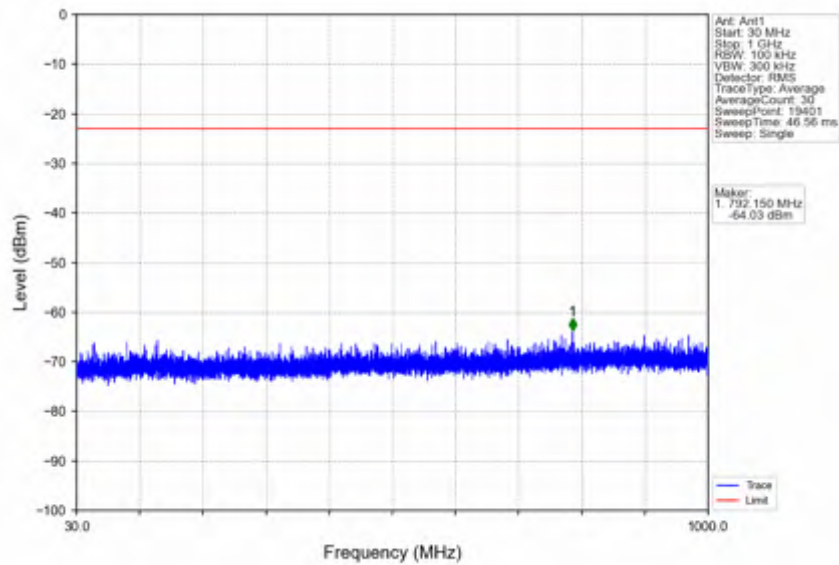
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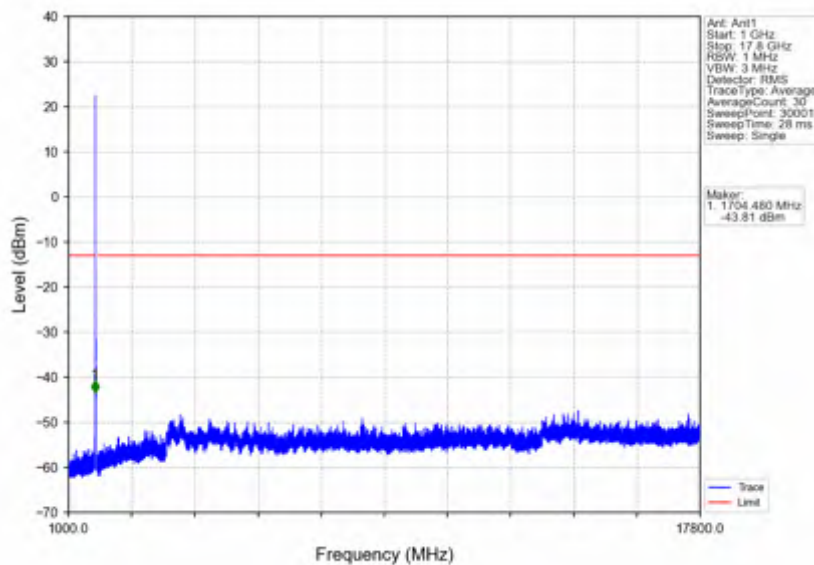
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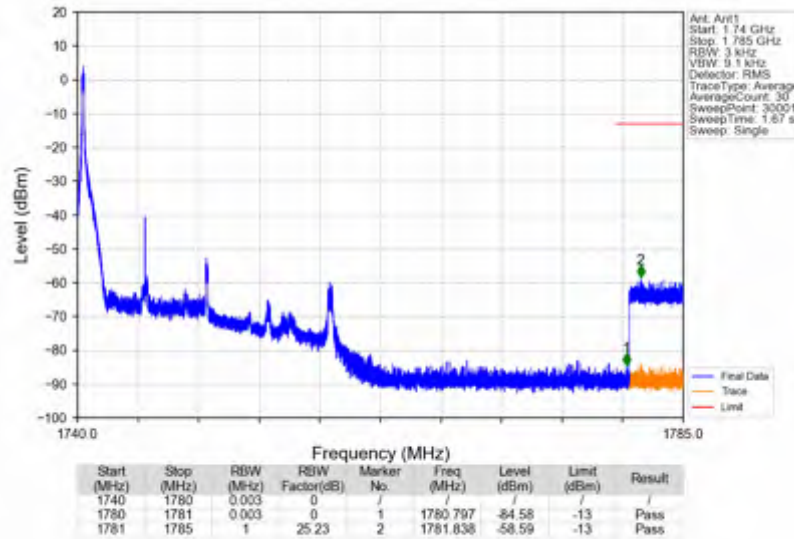
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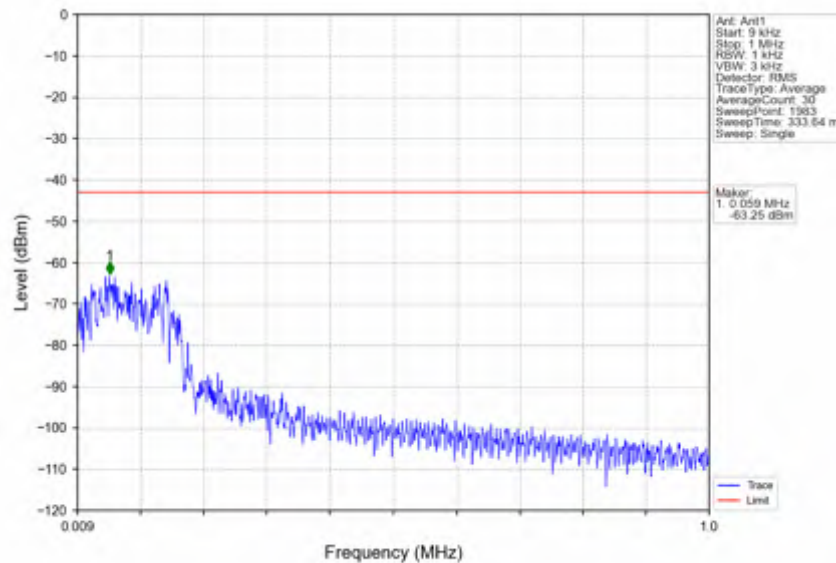
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



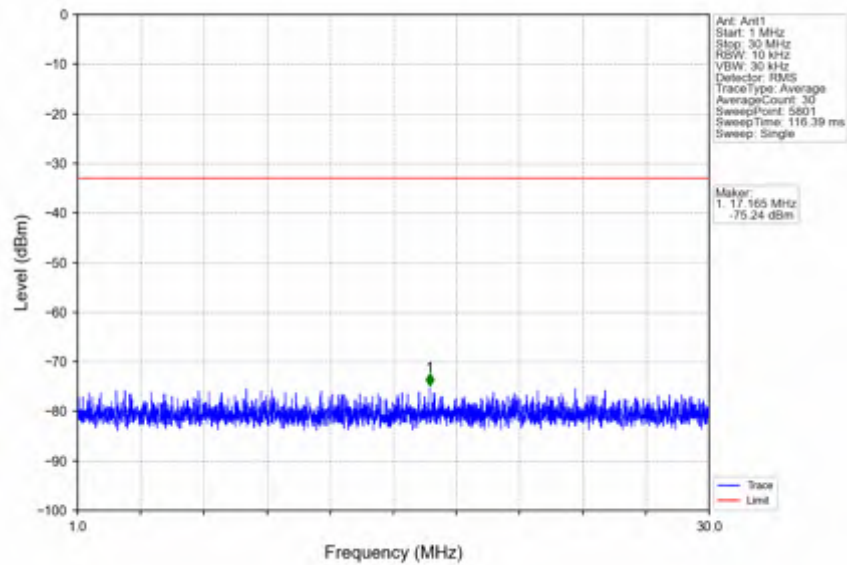
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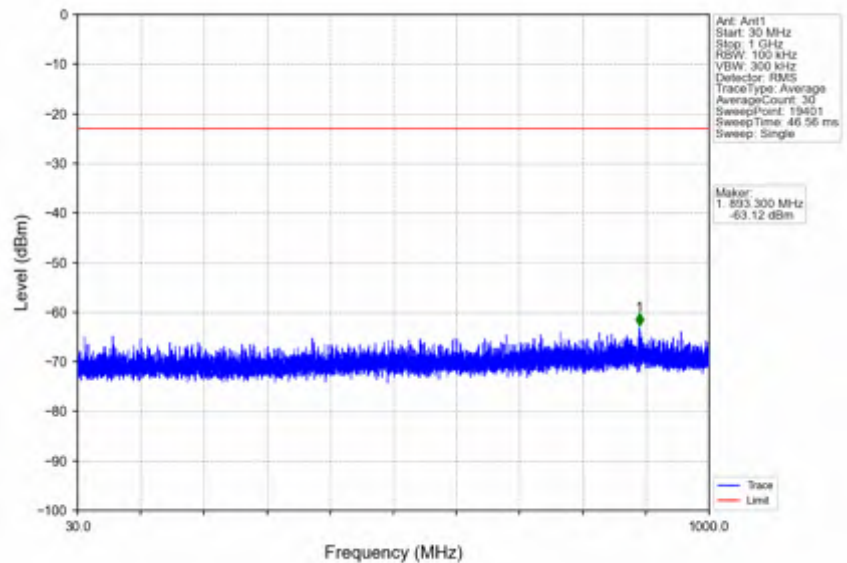
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



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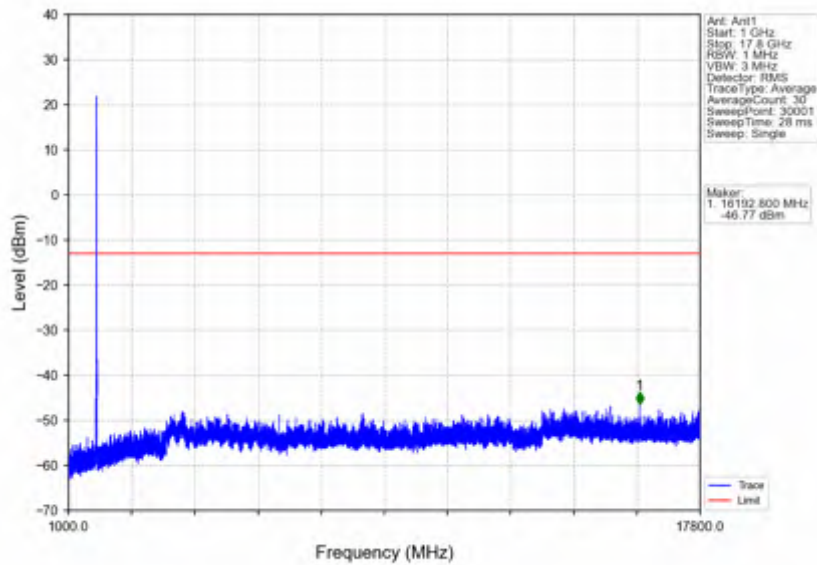
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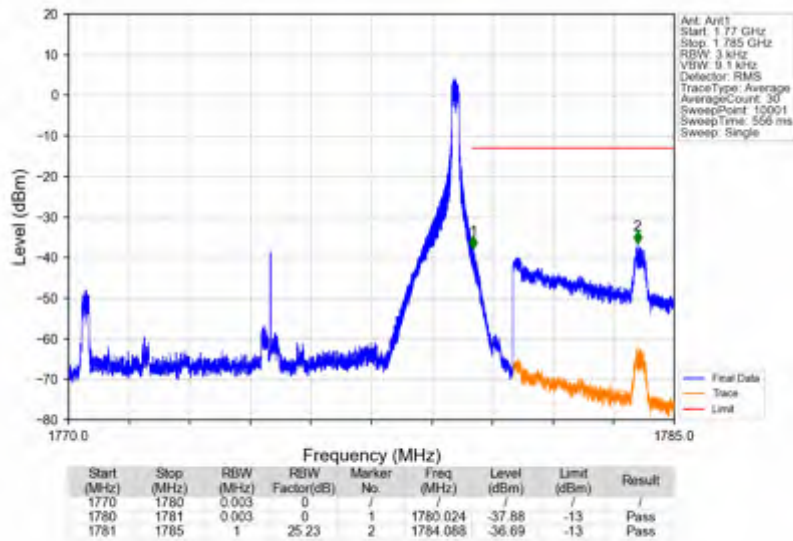
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1775MHz\_Edge\_1RB\_Right



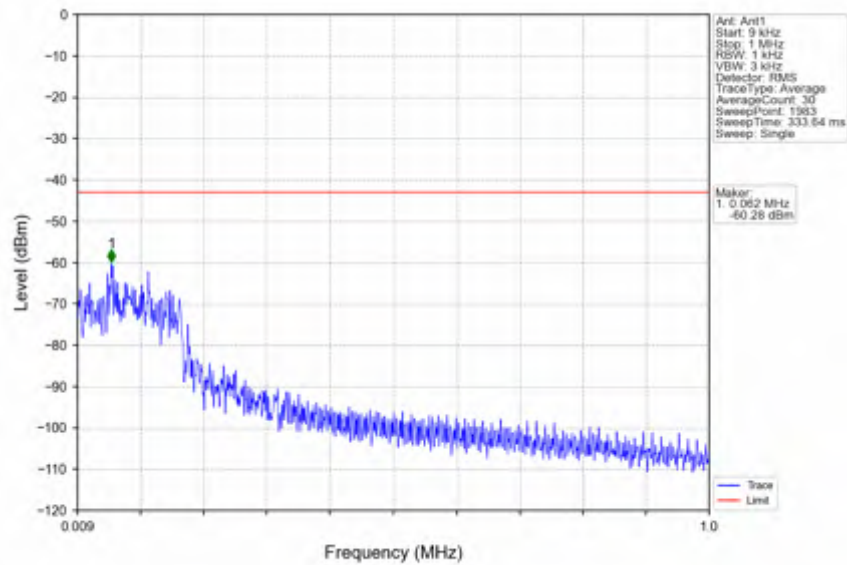
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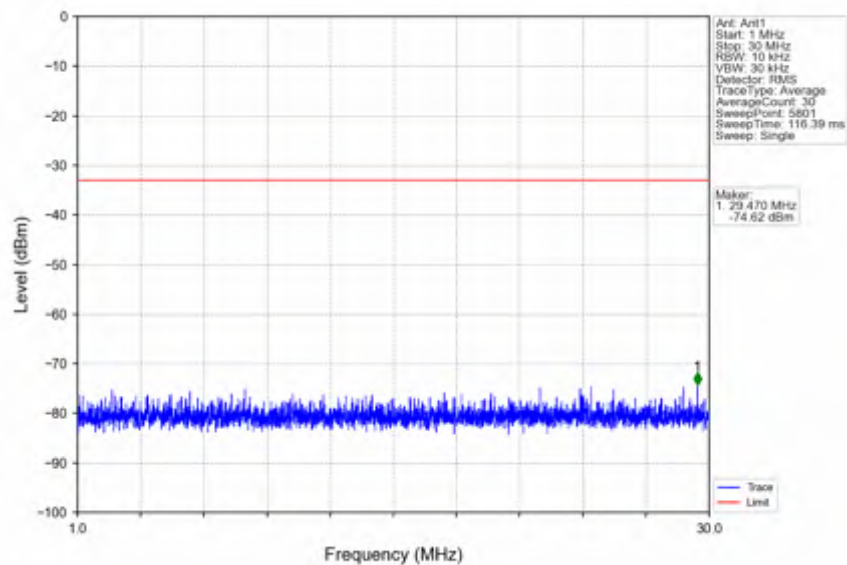
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1775MHz\_Edge\_1RB\_Right



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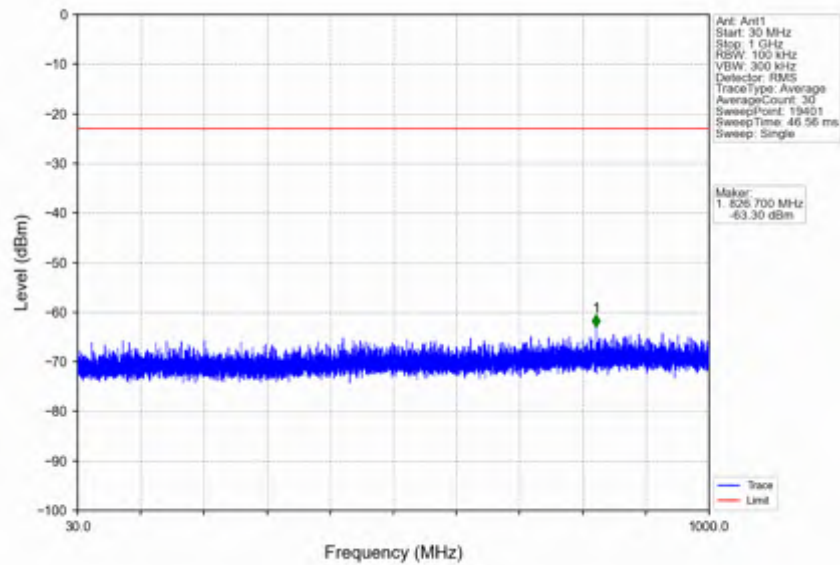
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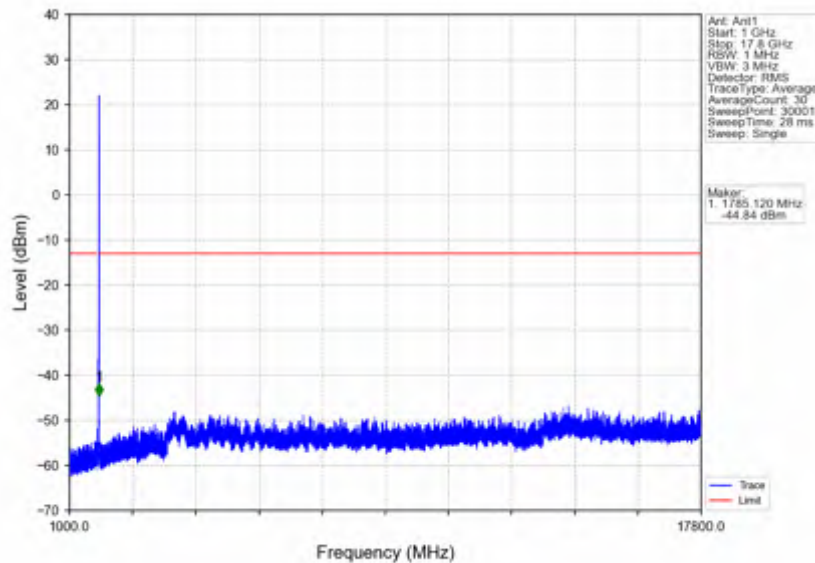
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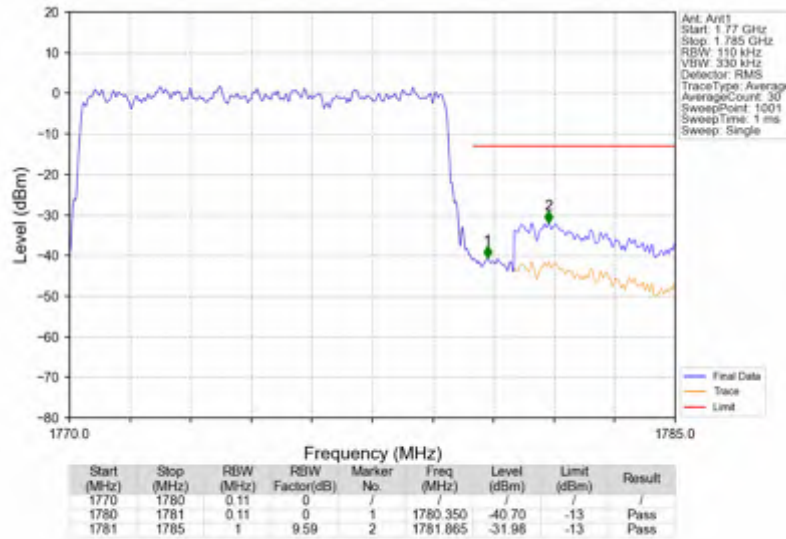
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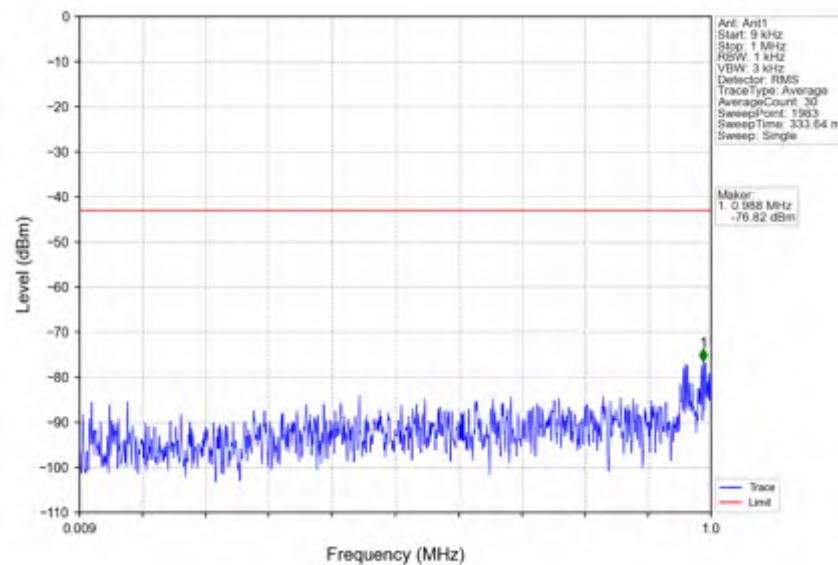
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1775MHz\_Outer\_Full



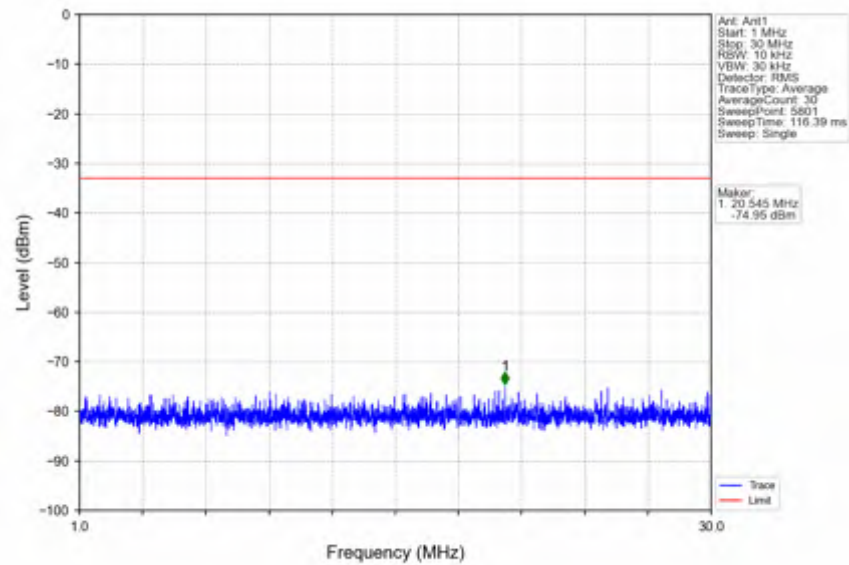
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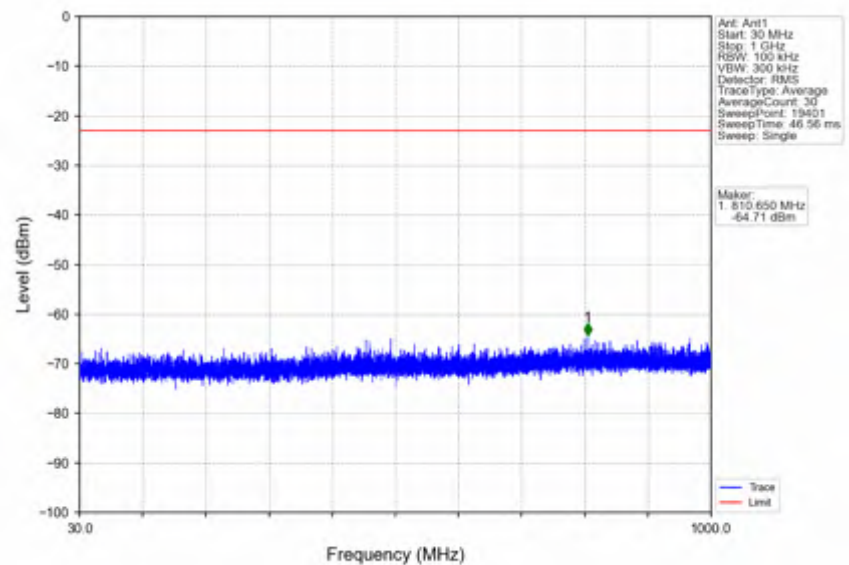
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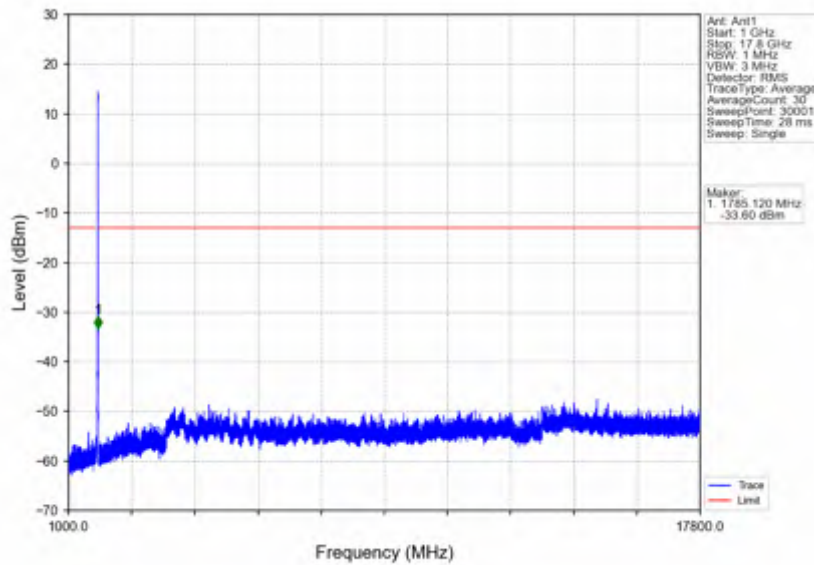


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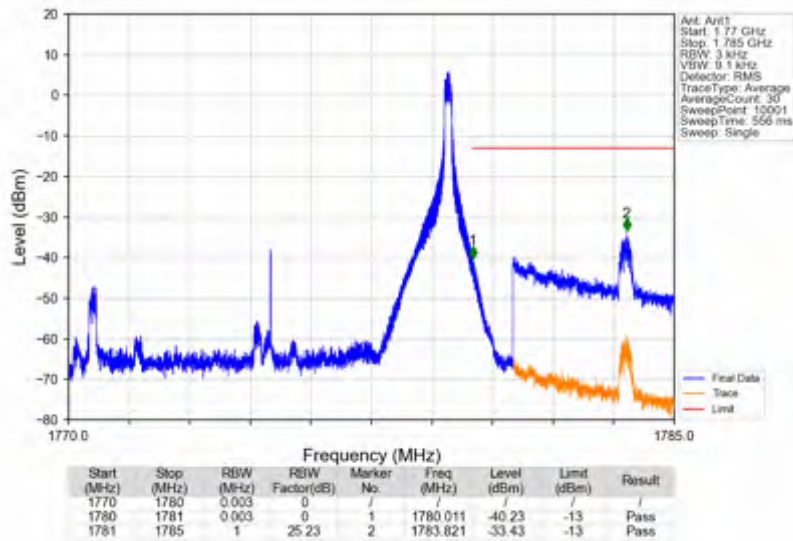
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n66\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_1775MHz\_Inner\_1RB\_Right



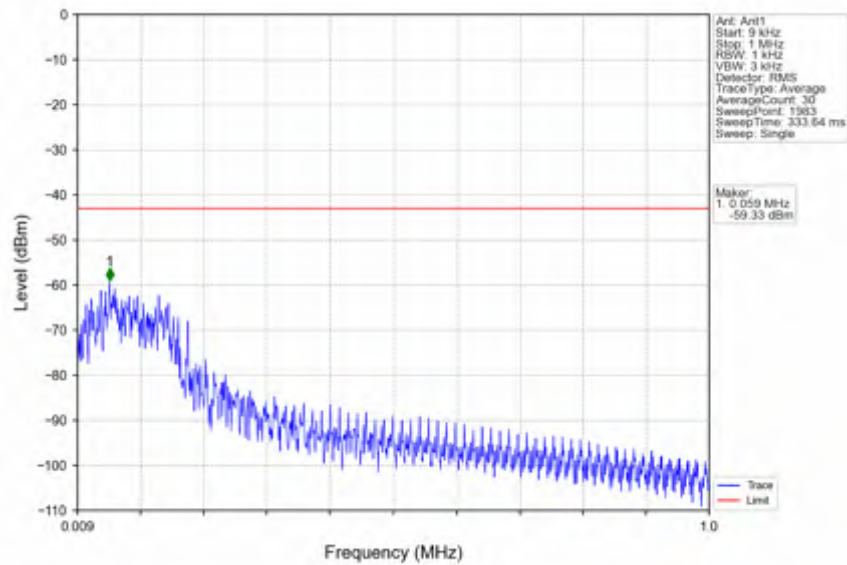
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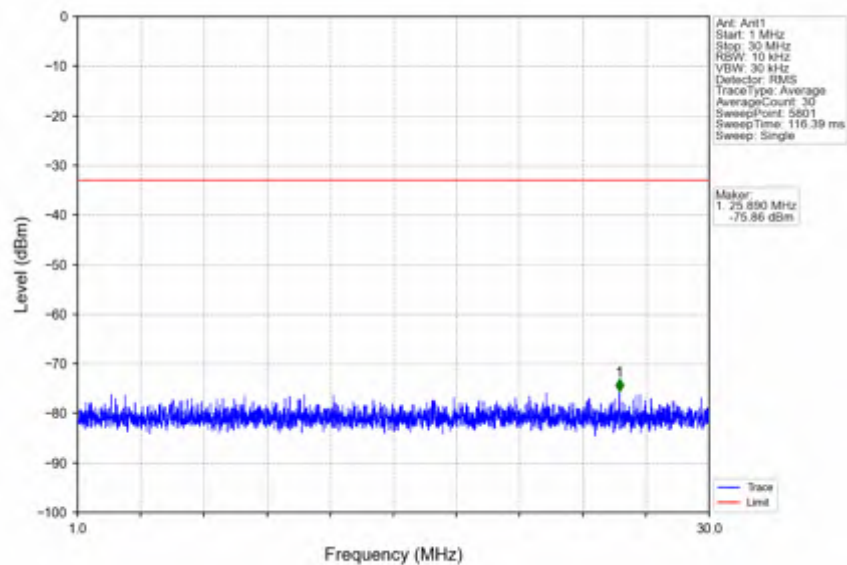
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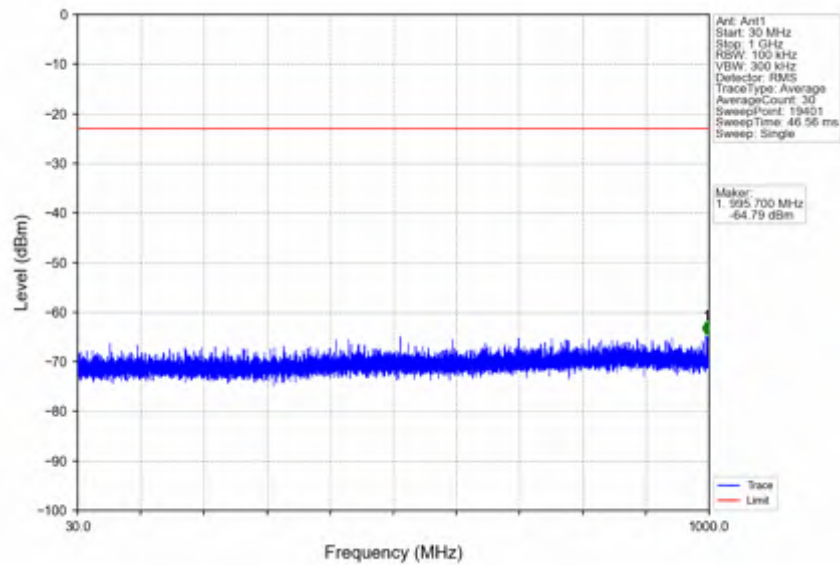
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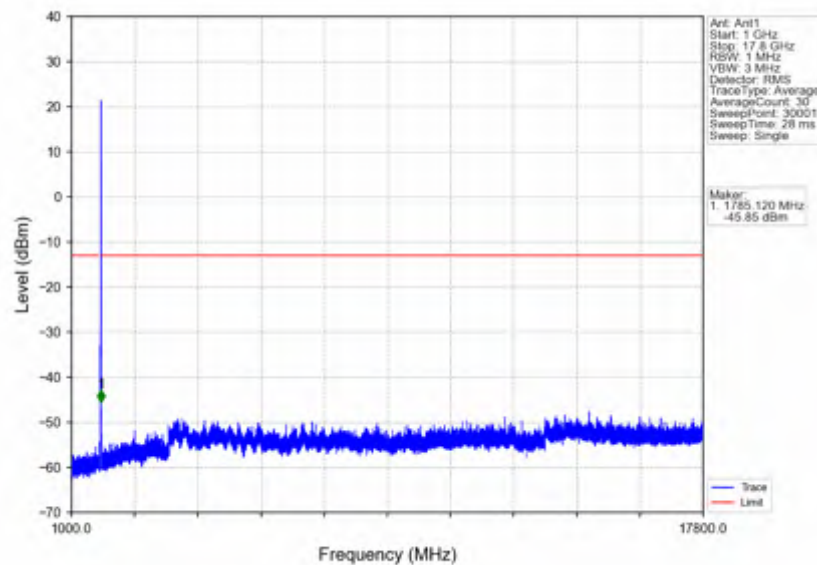
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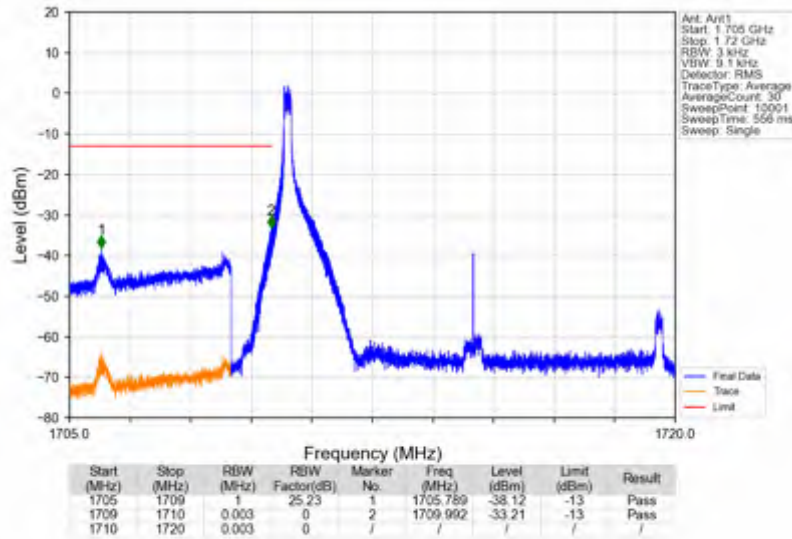
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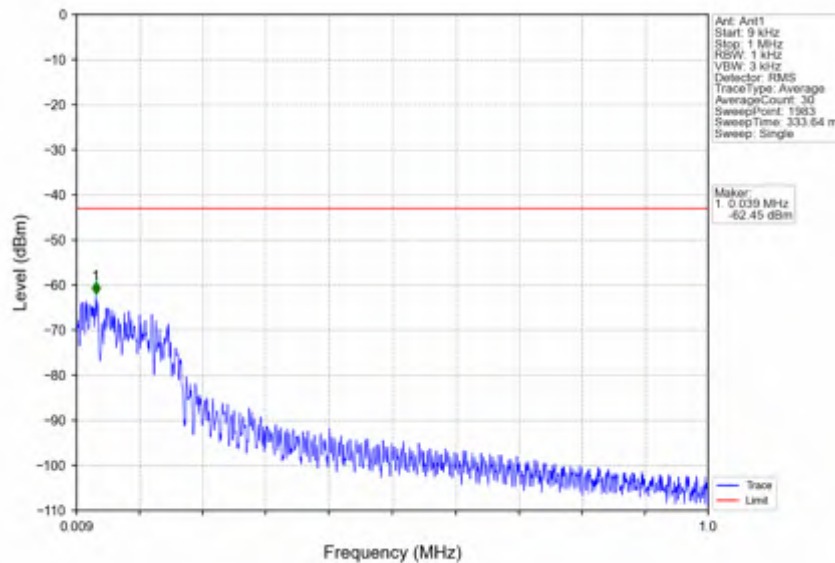
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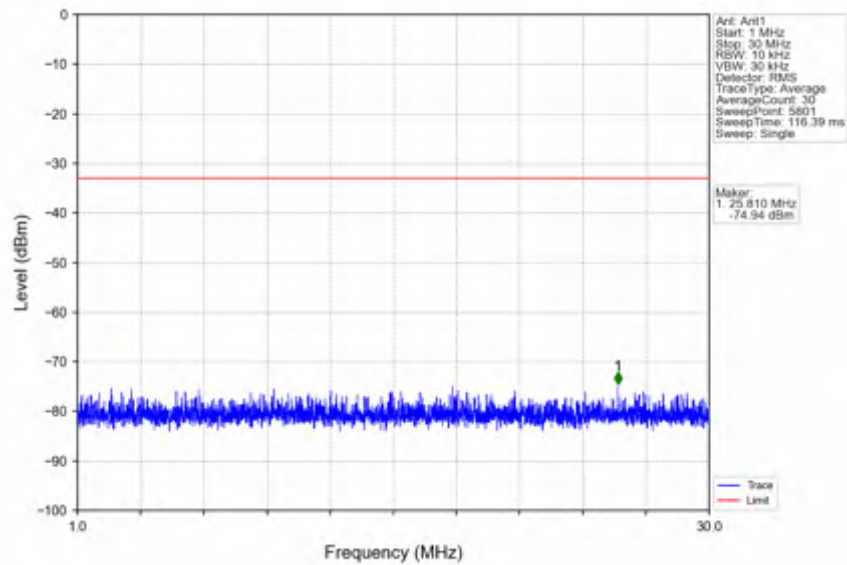


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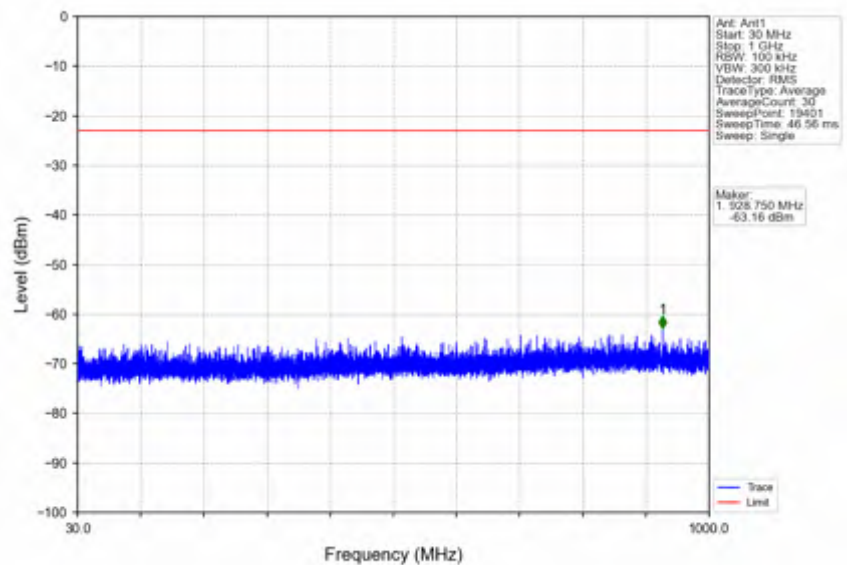
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Edge\_1RB\_Left



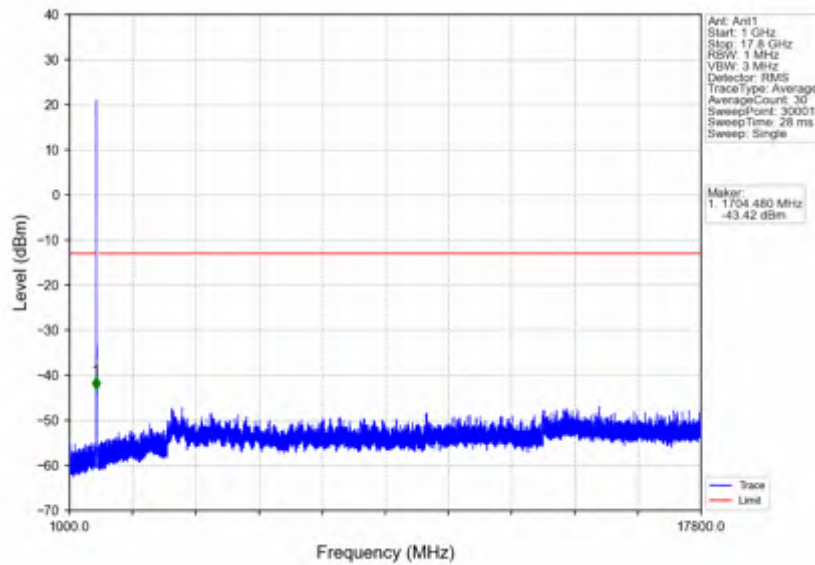
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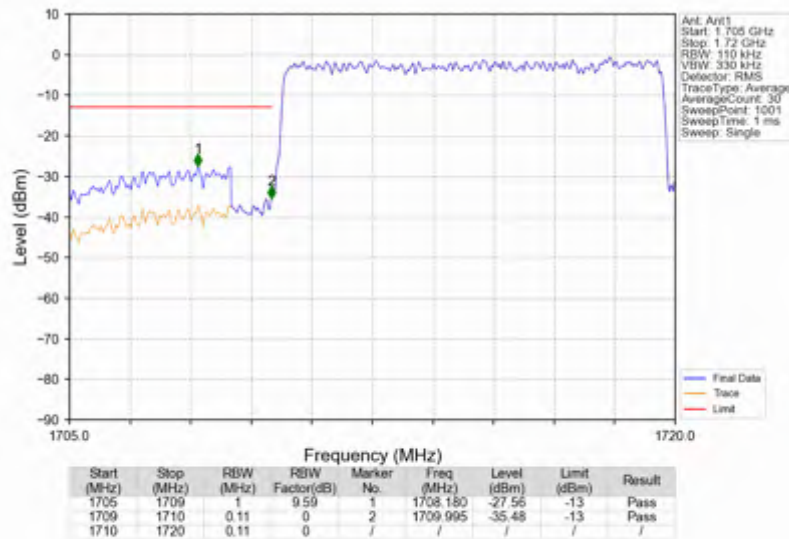
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Outer\_Full



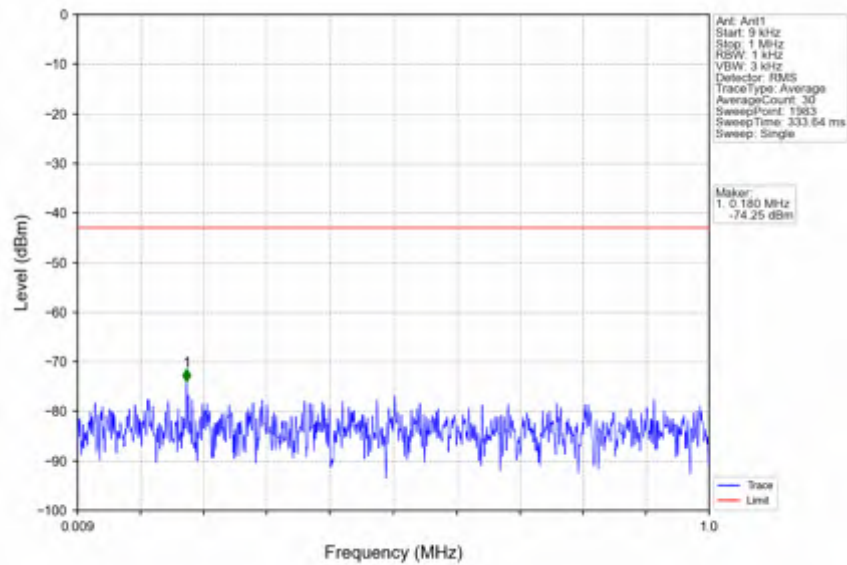
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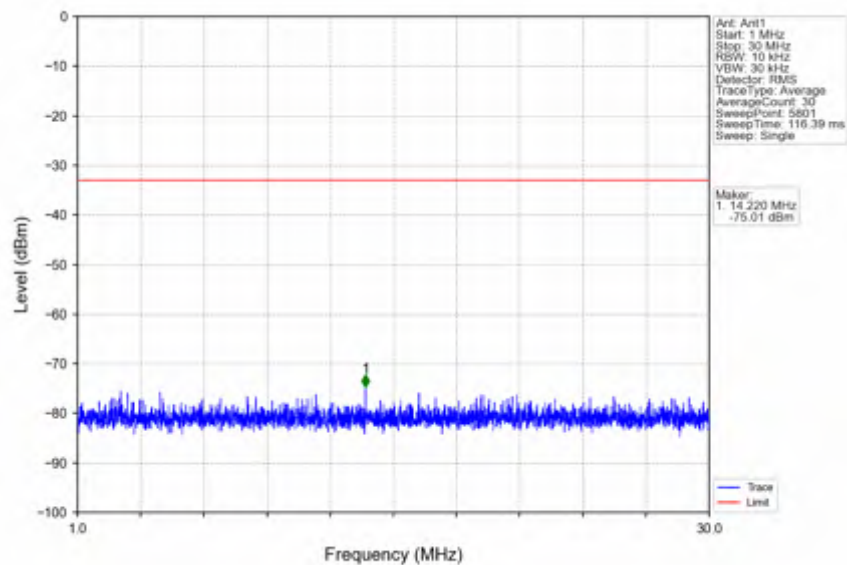
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Outer\_Full



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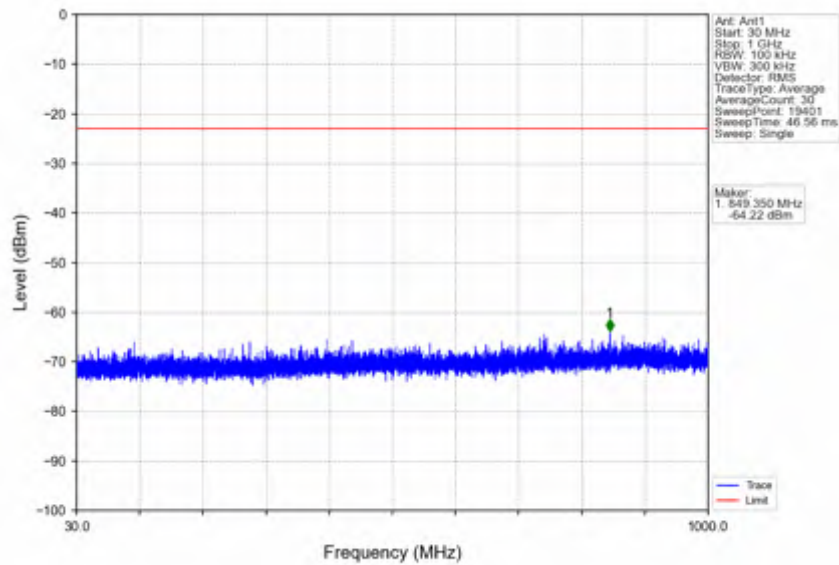


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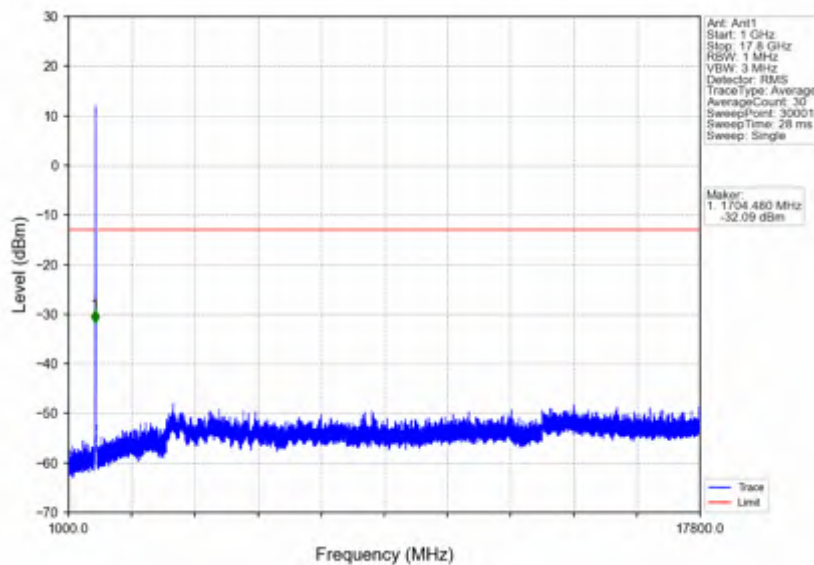
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Outer\_Full



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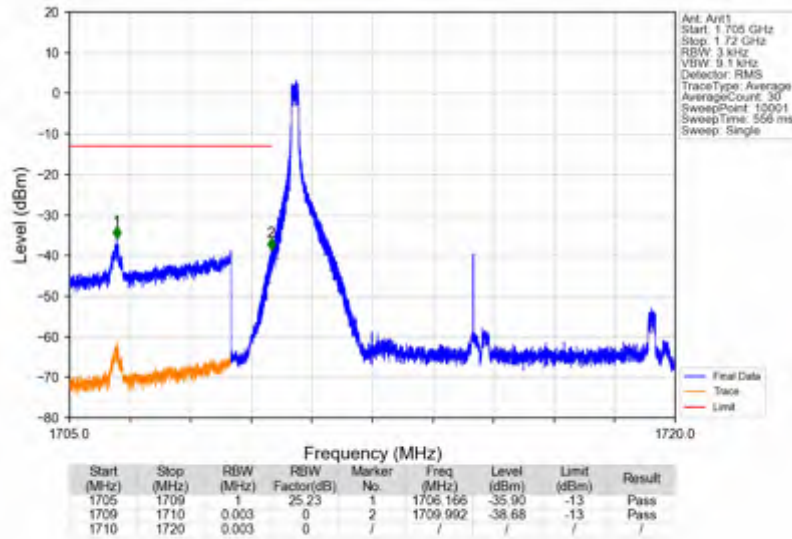


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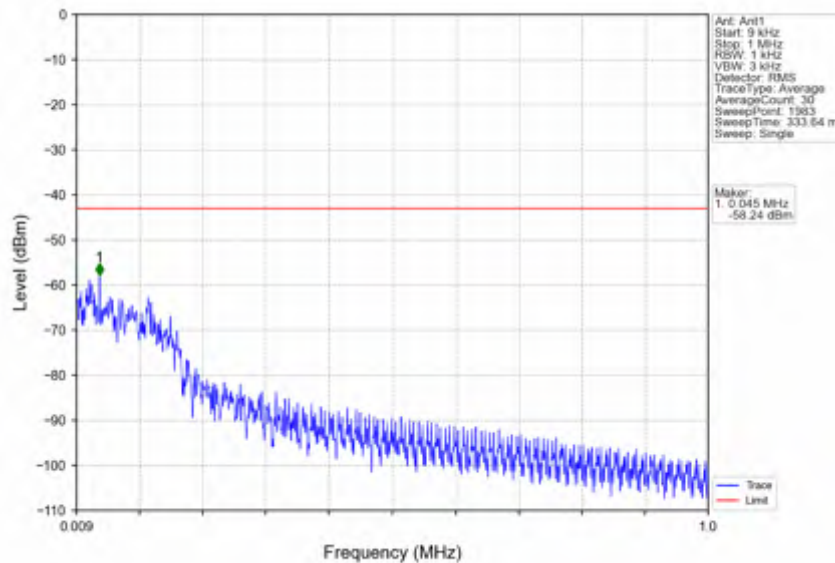
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Inner\_1RB\_Left



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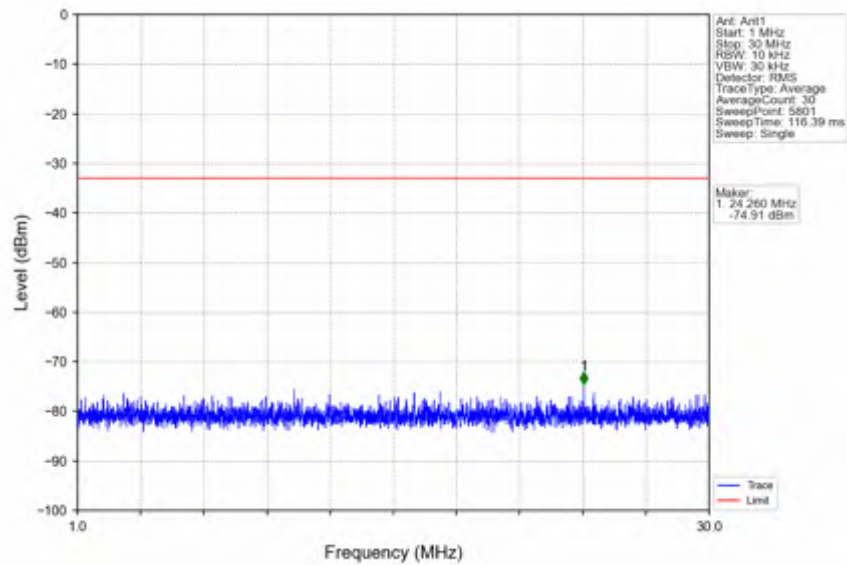


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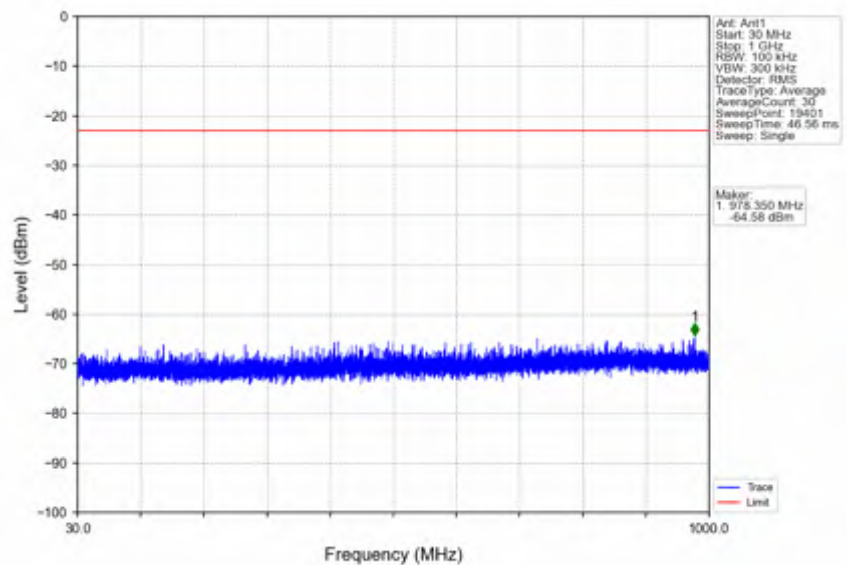
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Inner\_1RB\_Left



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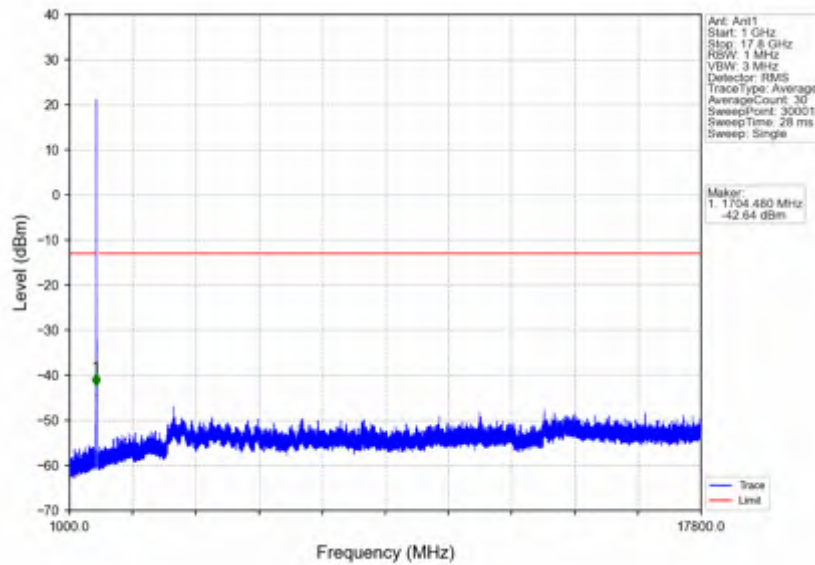
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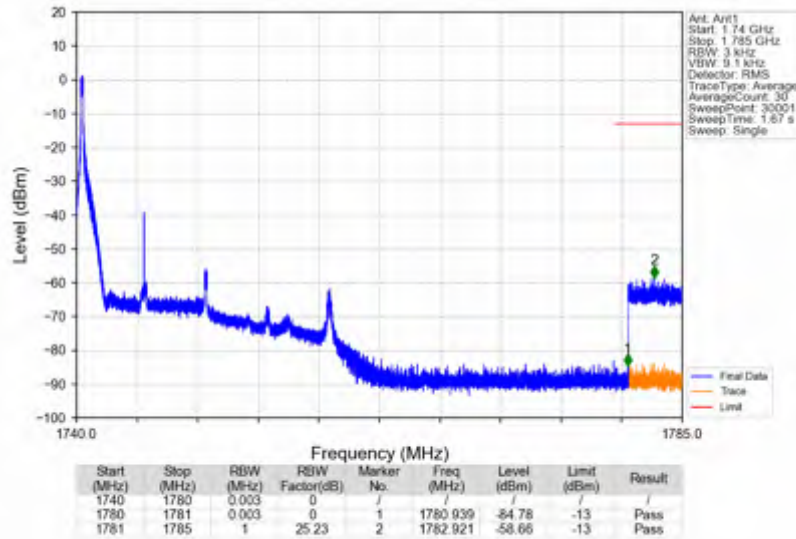
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1715MHz\_Inner\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



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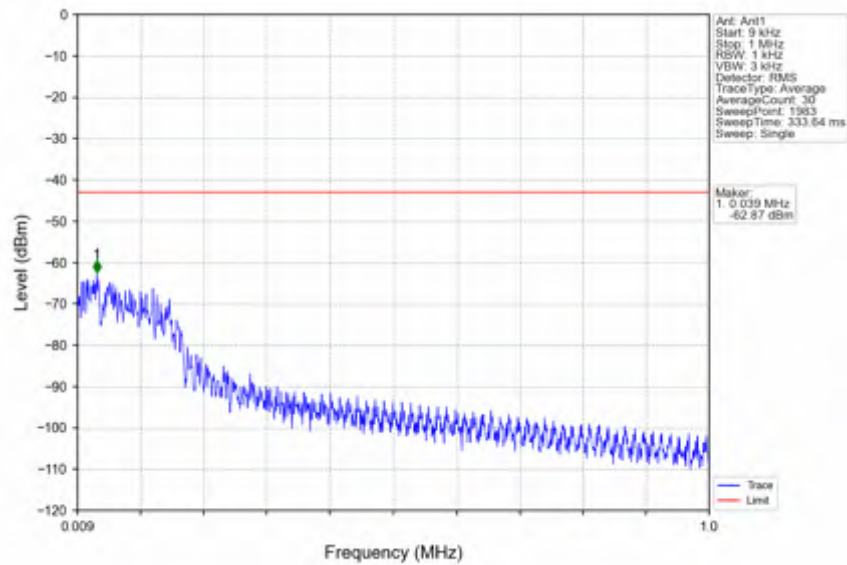
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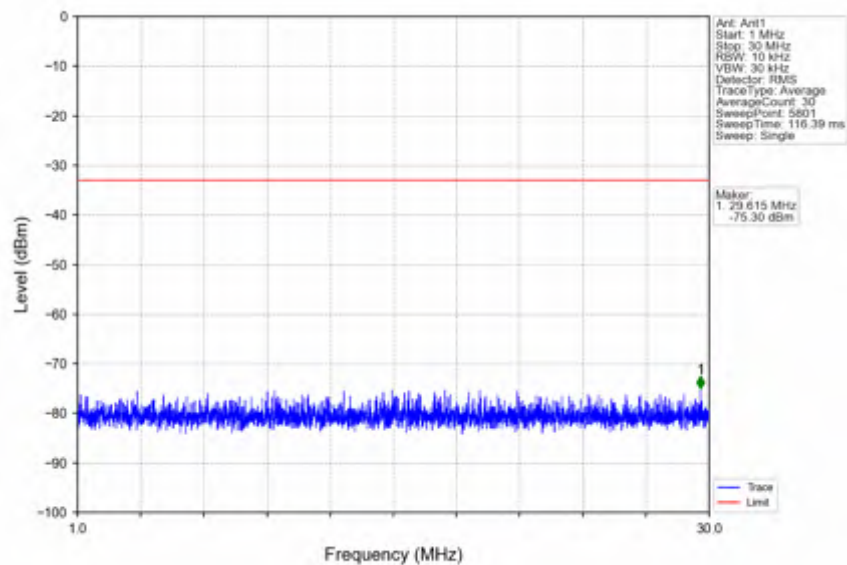
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



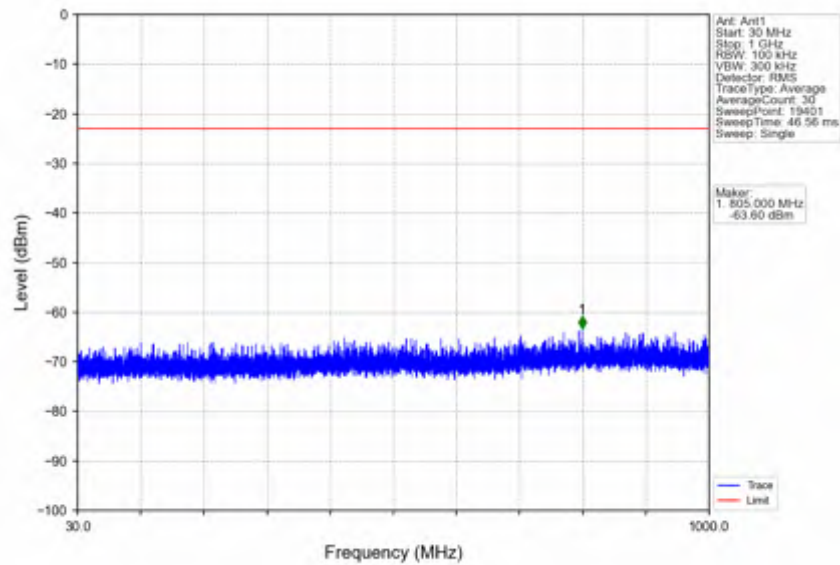
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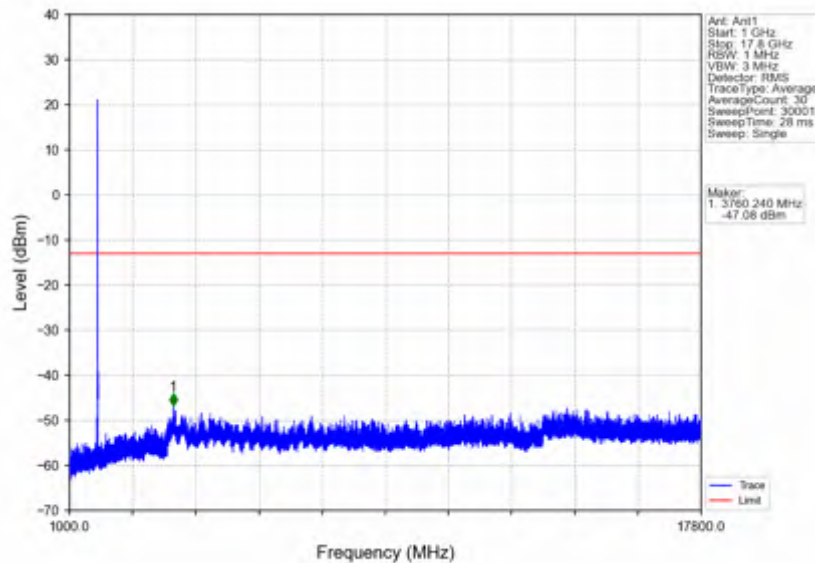
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1745MHz\_Edge\_1RB\_Left



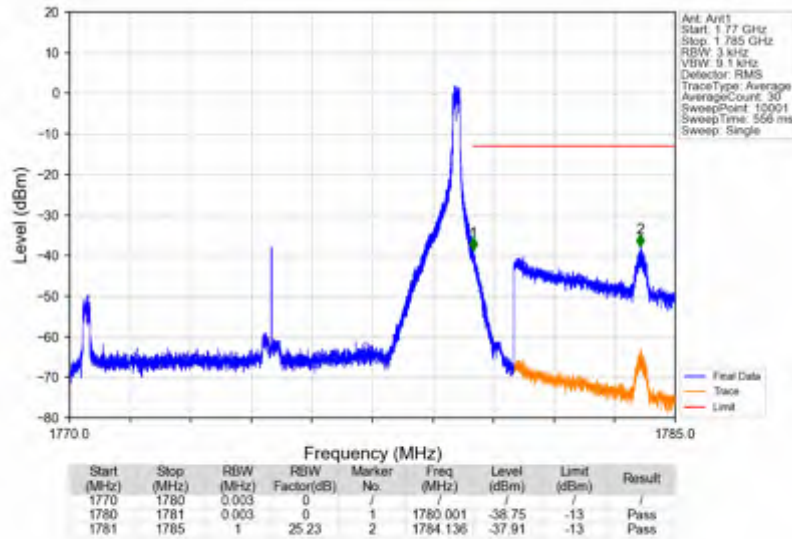
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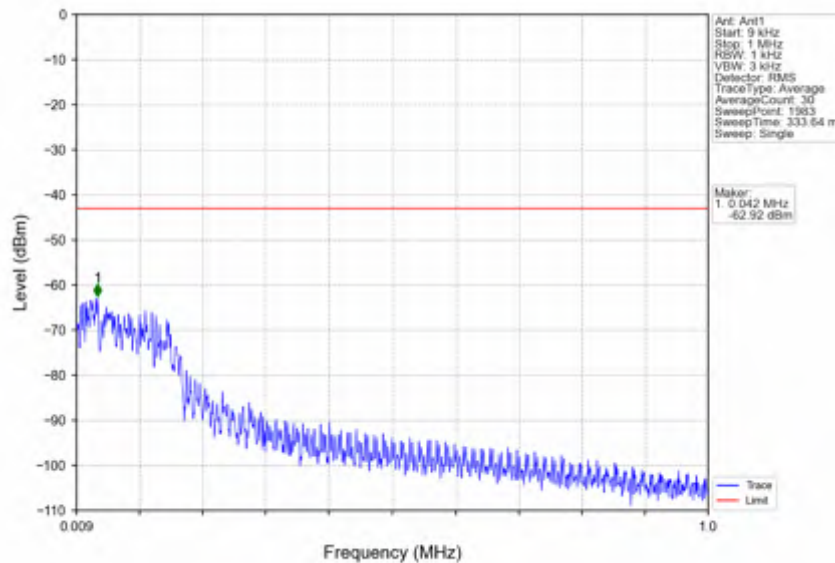
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n66\_15kHz\_SISO\_NTV\_10MHz\_CP-OFDM QPSK\_1775MHz\_Edge\_1RB\_Right



n66\_15kHz\_SISO\_NTV\_10MHz\_CP-OFDM QPSK\_1775MHz\_Edge\_1RB\_Right

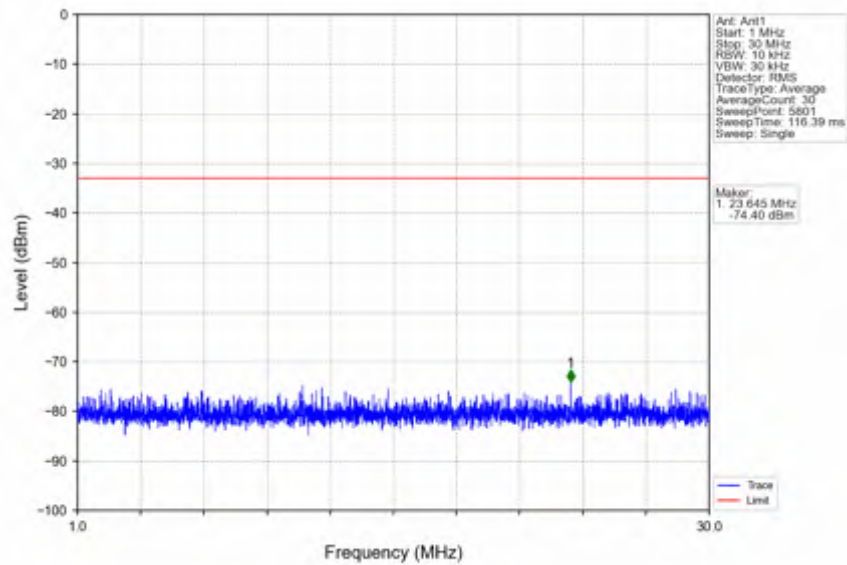


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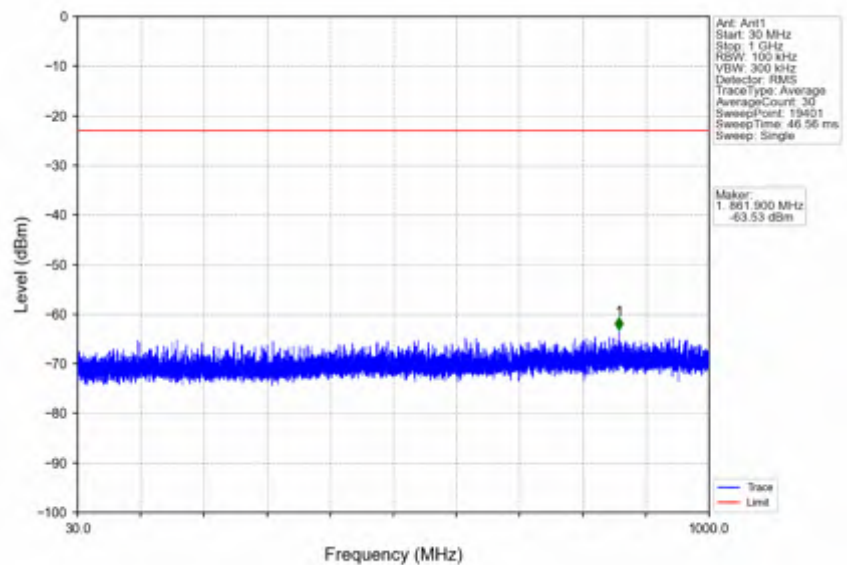
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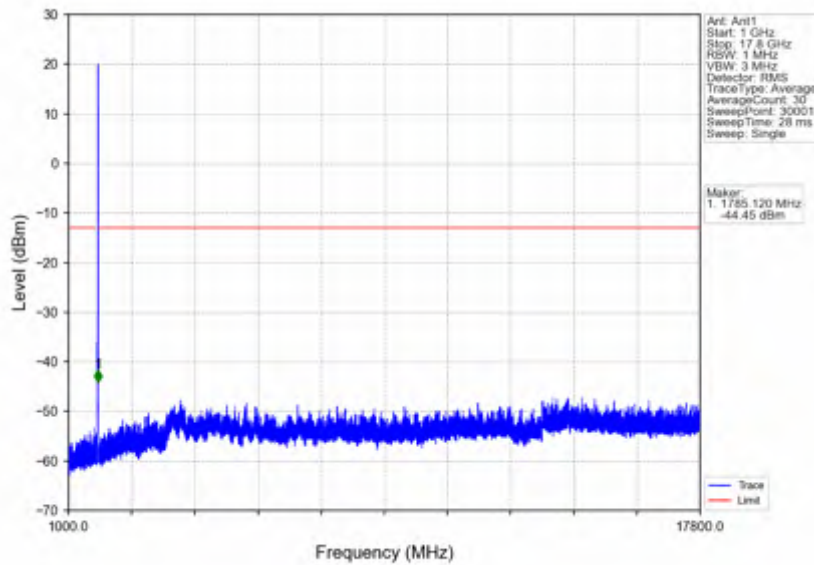


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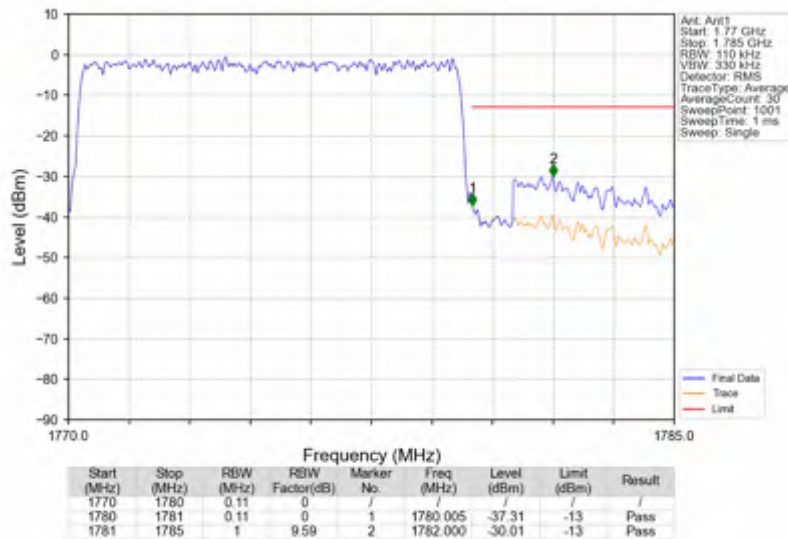
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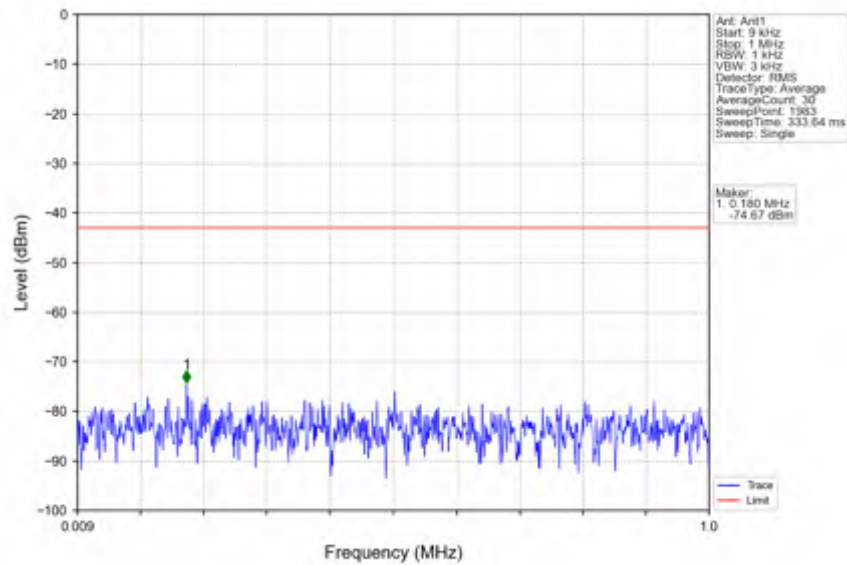


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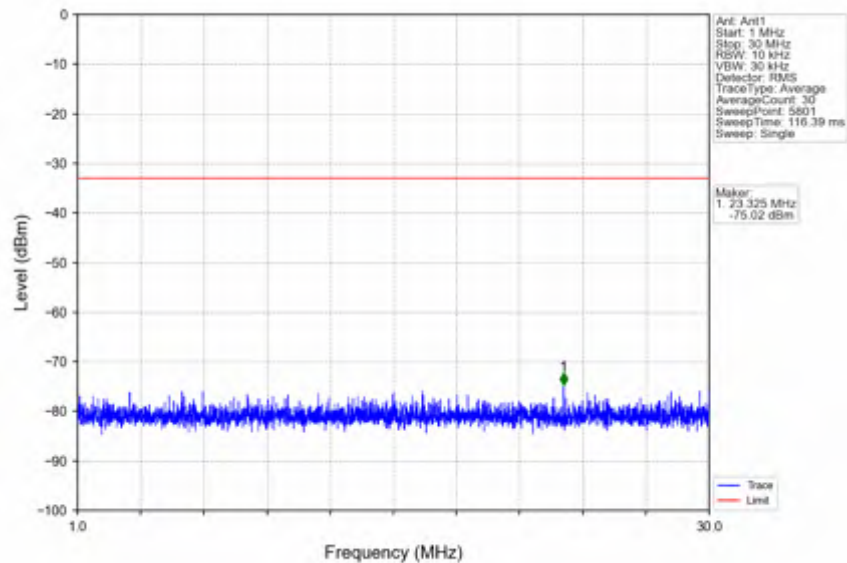
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n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1775MHz\_Outer\_Full



n66\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_1775MHz\_Outer\_Full



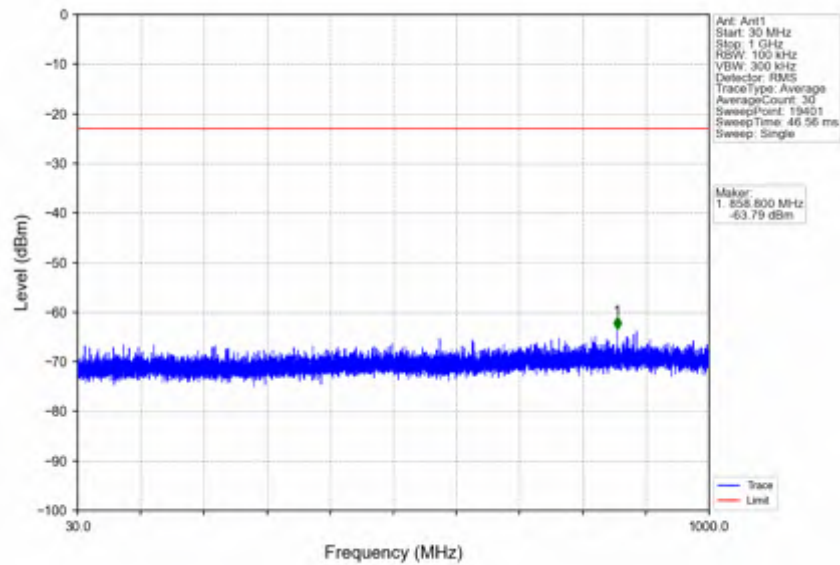
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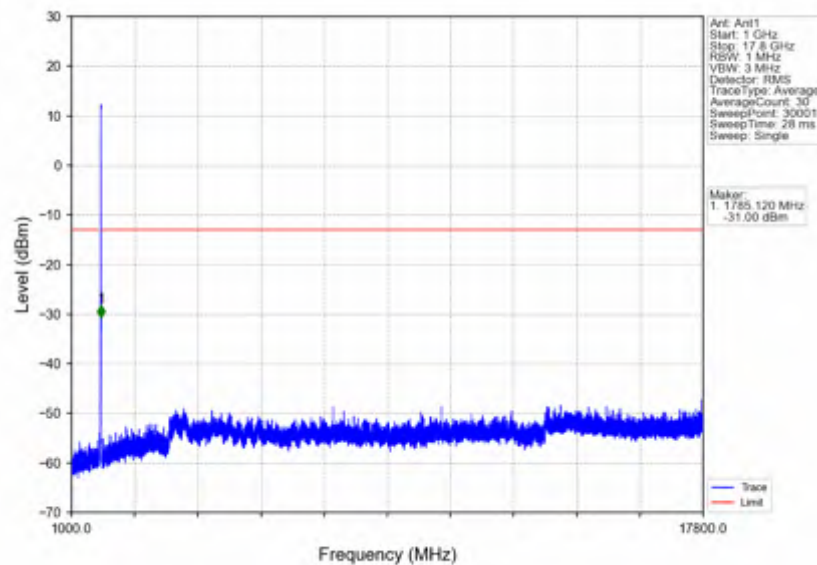
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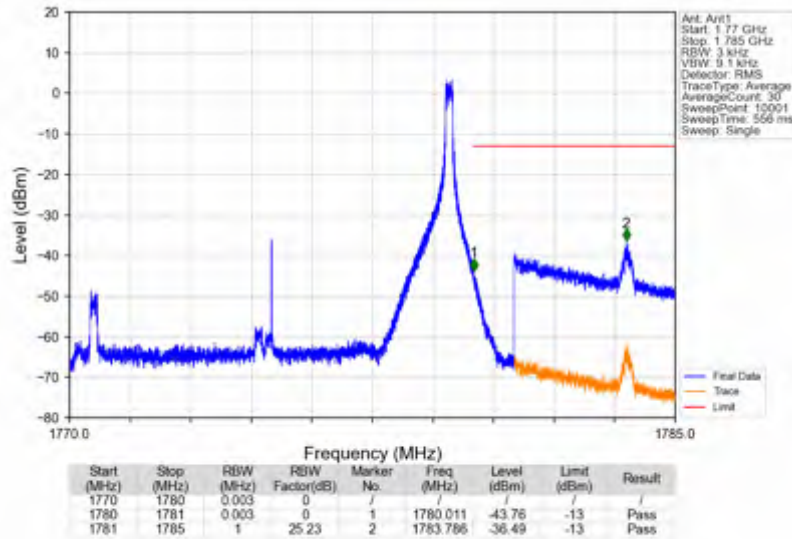


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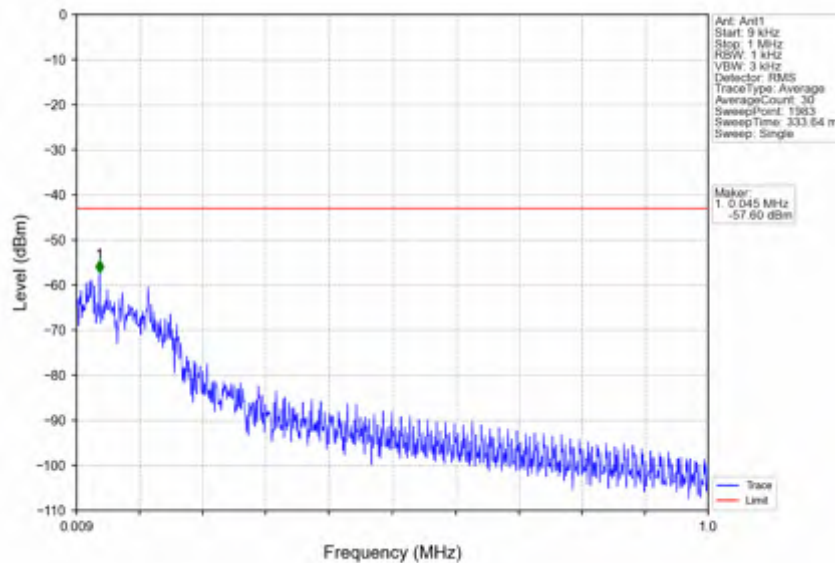
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n66\_15kHz\_SISO\_NTV\_10MHz\_CP-OFDM QPSK\_1775MHz\_Inner\_1RB\_Right



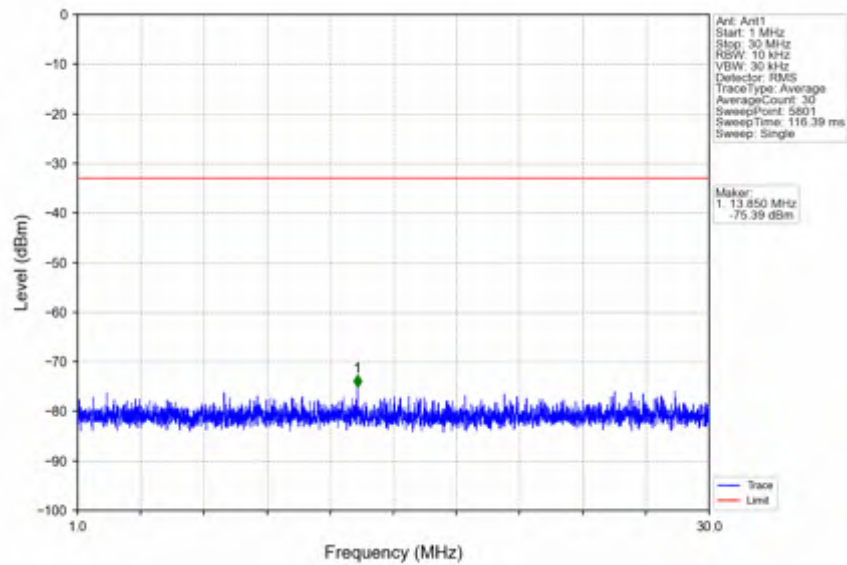
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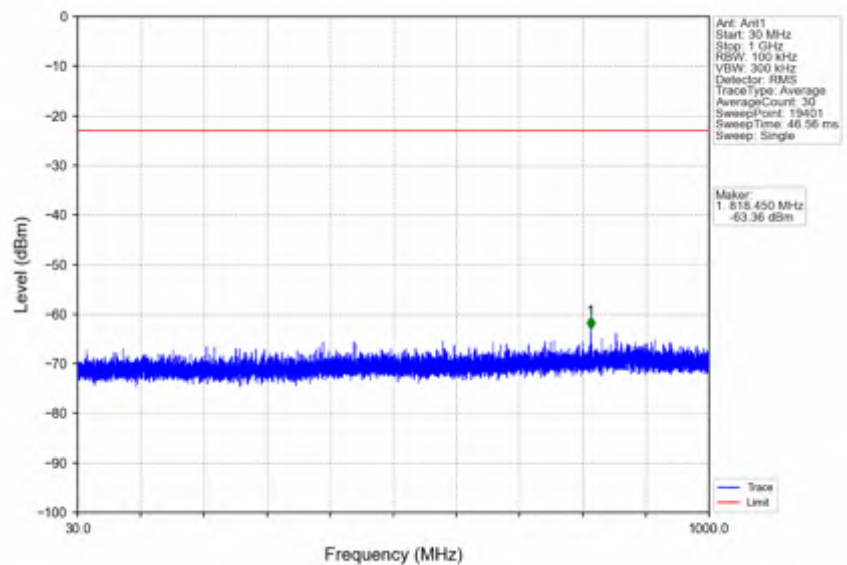
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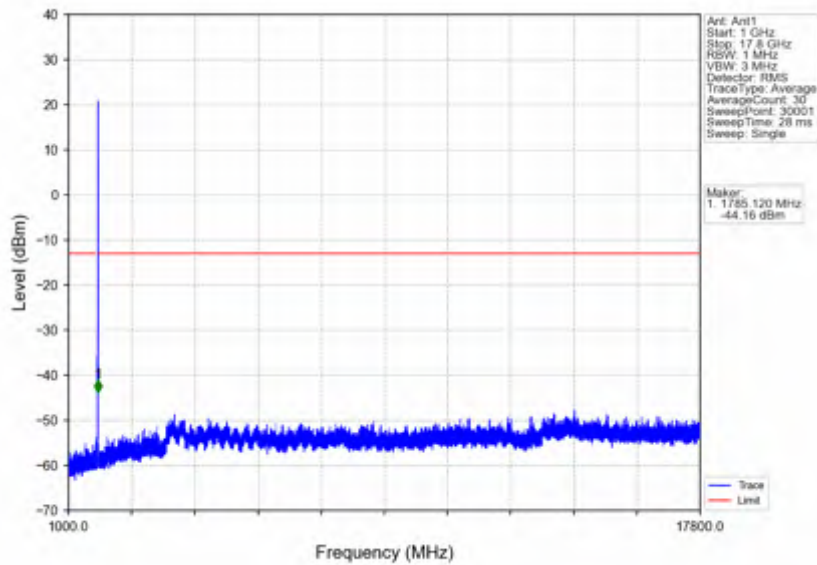
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## 7.3 15k\_SISO\_15MHz\_NTNV

### 7.3.1 Test Result

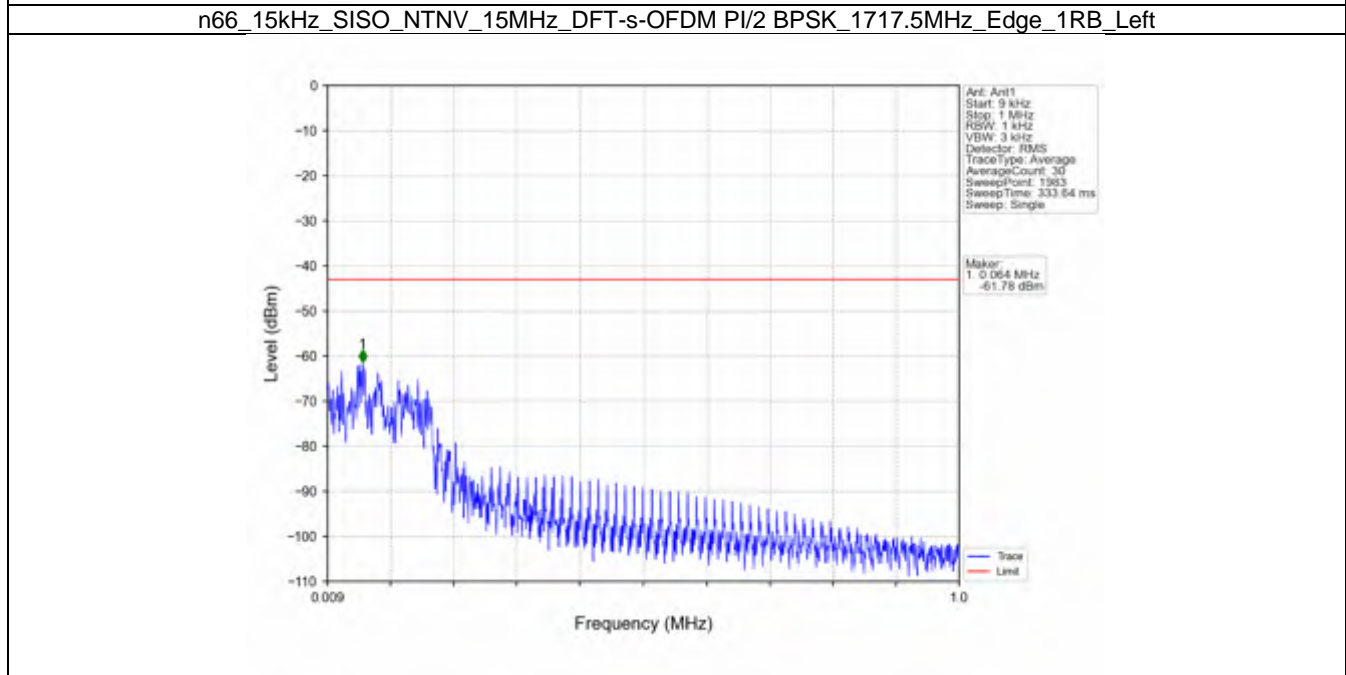
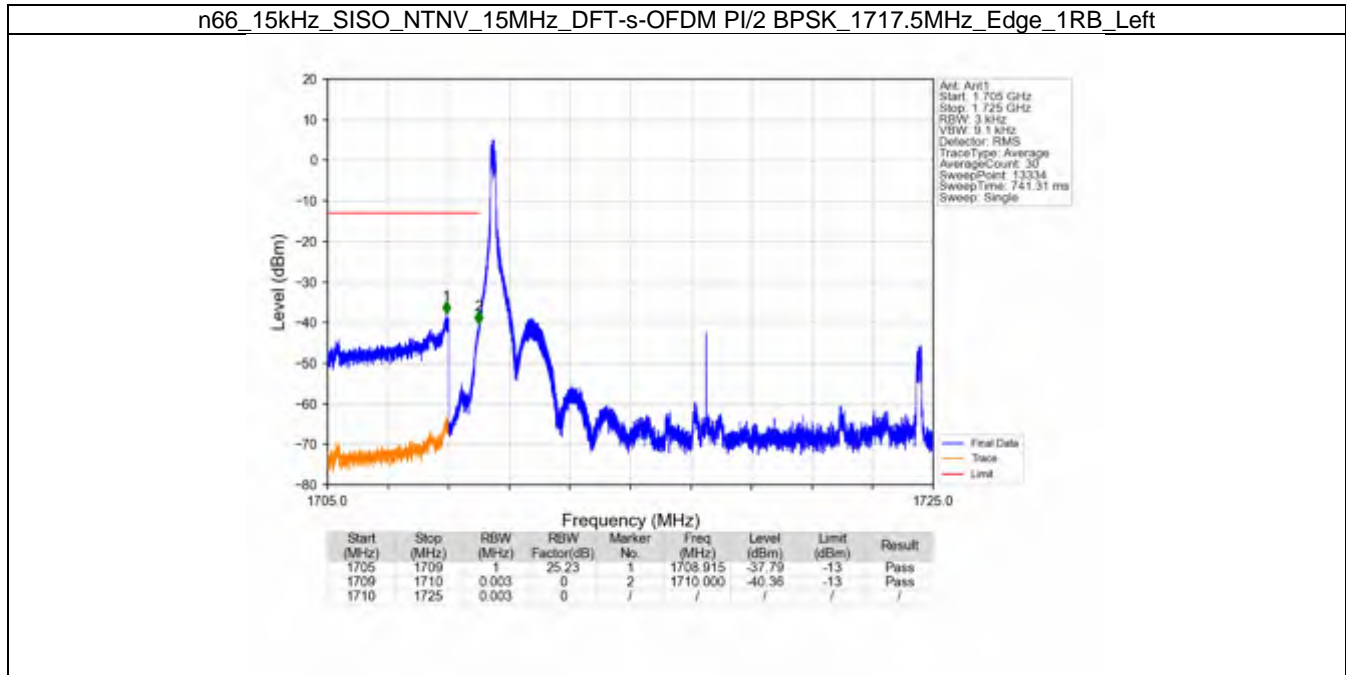
5G NR n66 SCS=15kHz SISO 15MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	1745	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
1772.5	Inner_1RB_Right	Refer To Test Graph			Pass	
	Edge_1RB_Left	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	
DFT-s-OFDM QPSK	1717.5	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
	1745	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
CP-OFDM QPSK	1717.5	Outer_Full	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
	1745	Inner_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass



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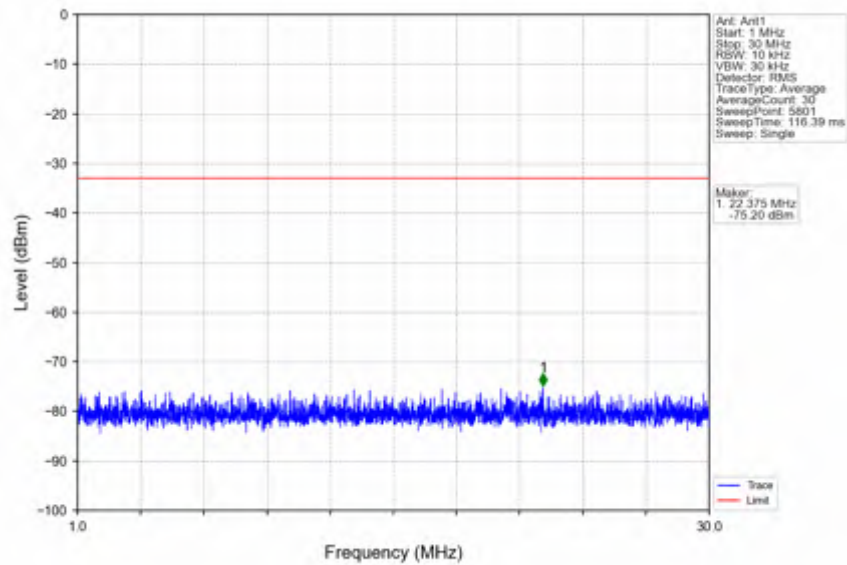
## 7.3.2 Test Graph



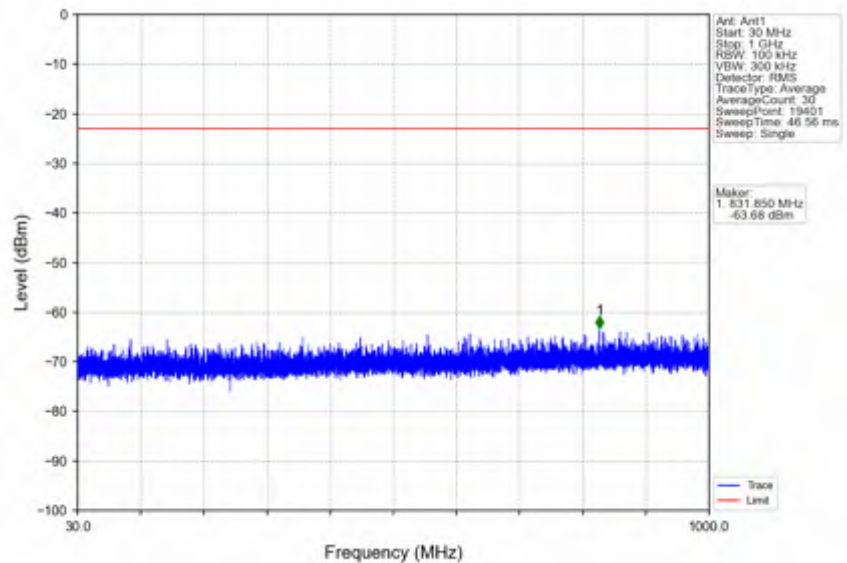
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n66\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1717.5MHz\_Edge\_1RB\_Left



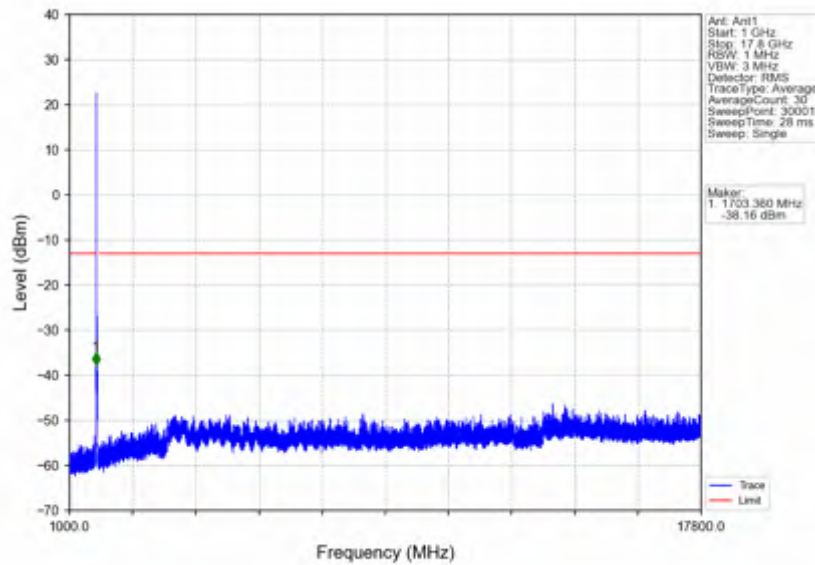
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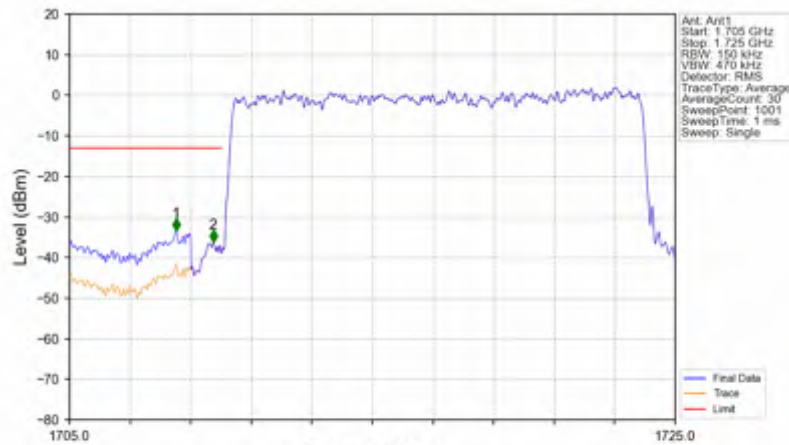
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n66\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1717.5MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	8.24	1	1708.520	-33.47	-13	Pass
1709	1710	0.153	0.09	2	1709.740	-36.26	-13	Pass
1710	1725	0.153	0.09	/	/	/	/	/

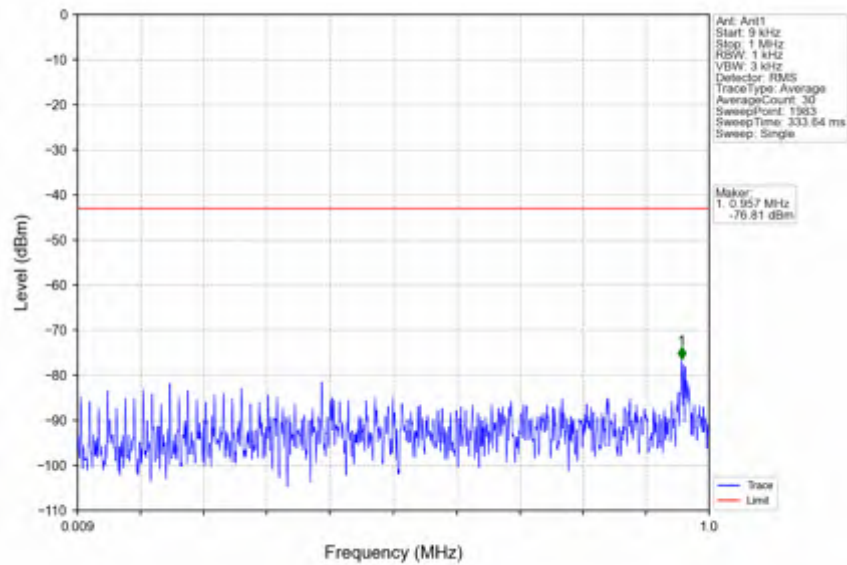


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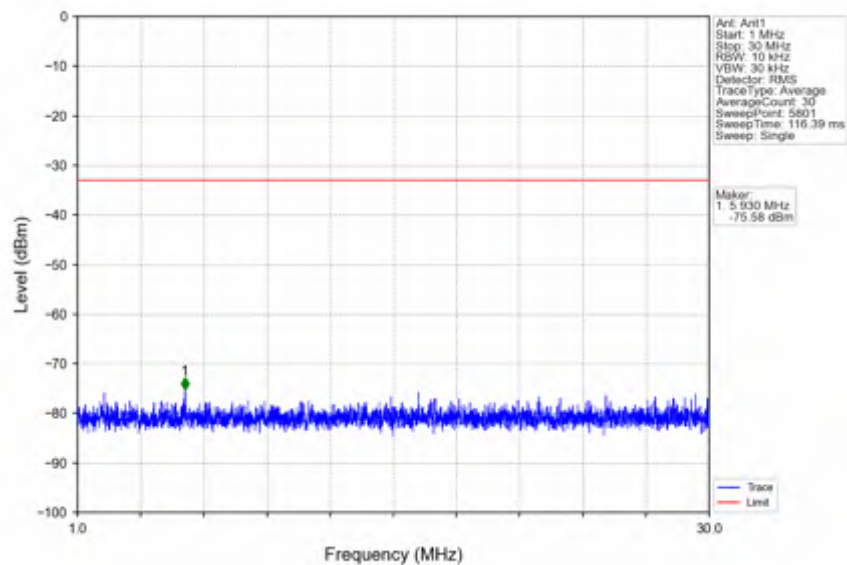
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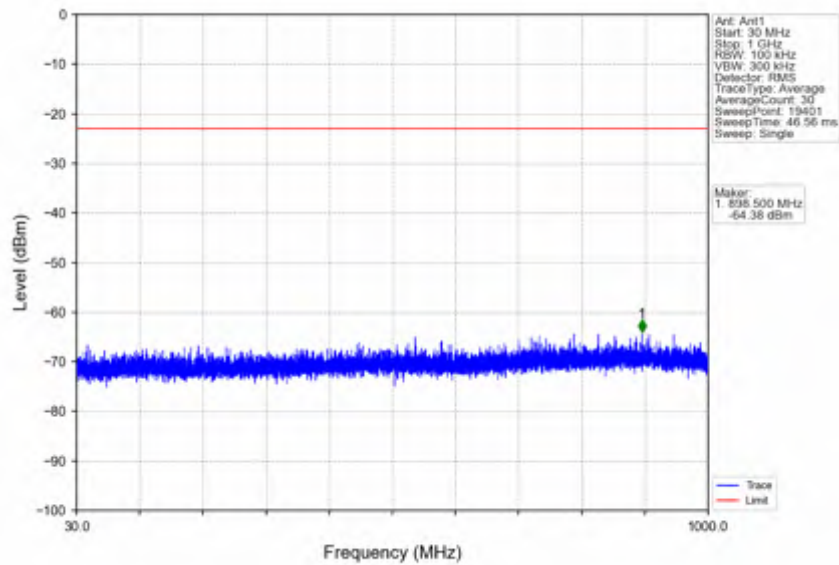
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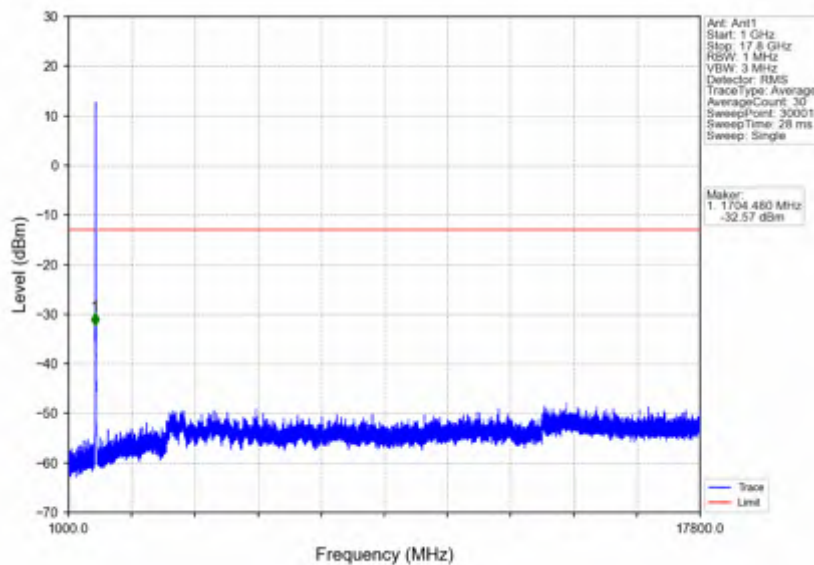
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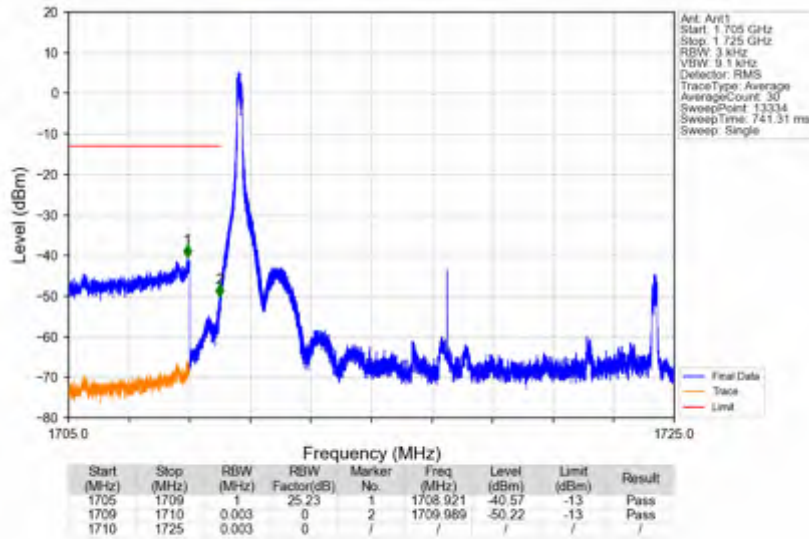
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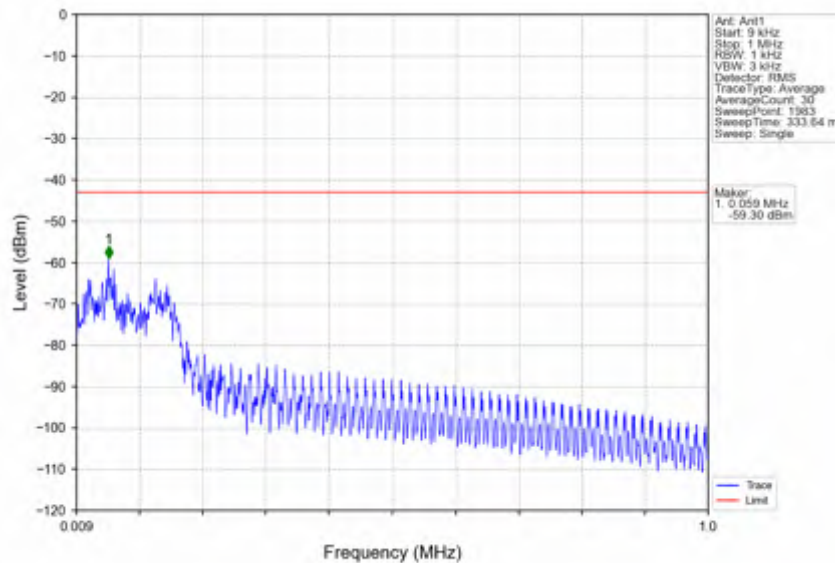
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n66\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1717.5MHz\_Inner\_1RB\_Left



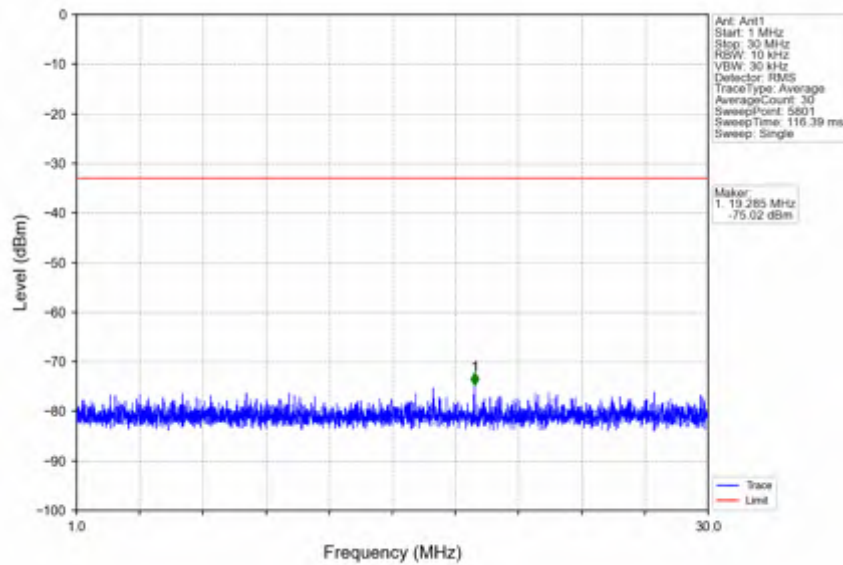
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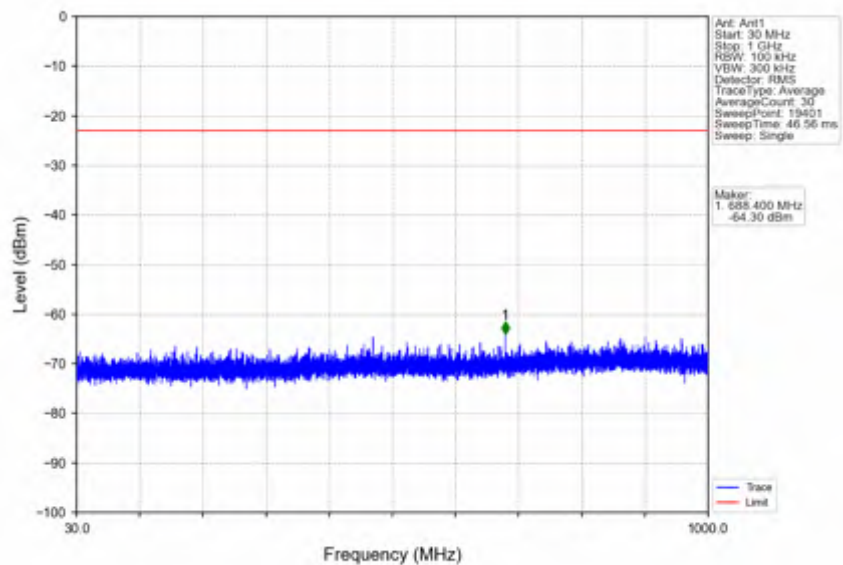
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n66\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1717.5MHz\_Inner\_1RB\_Left



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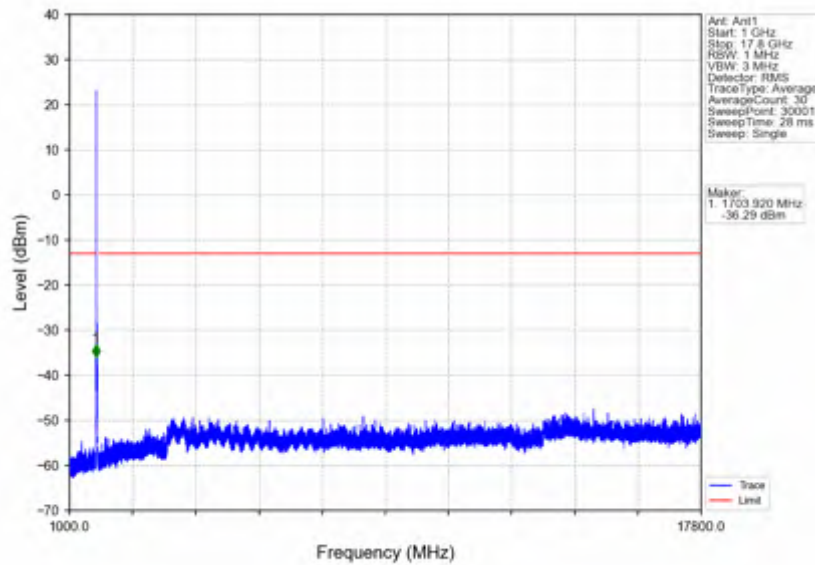


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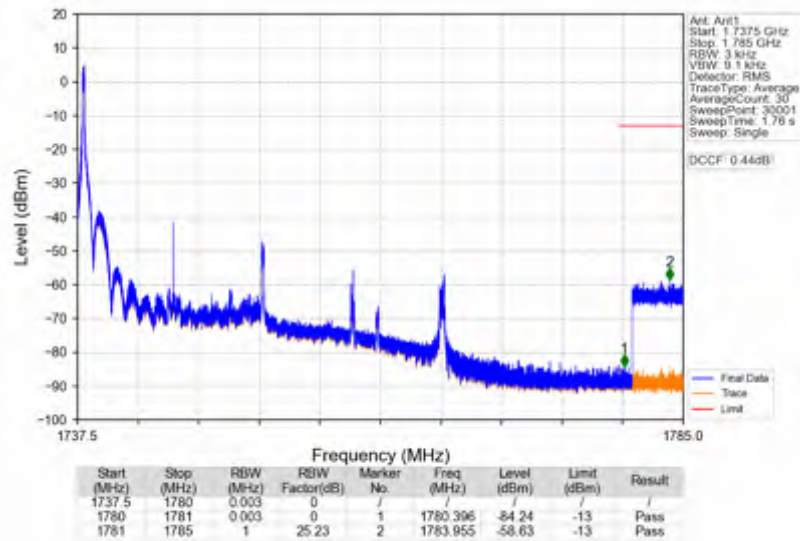
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n66\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1717.5MHz\_Inner\_1RB\_Left



n66\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Edge\_1RB\_Left



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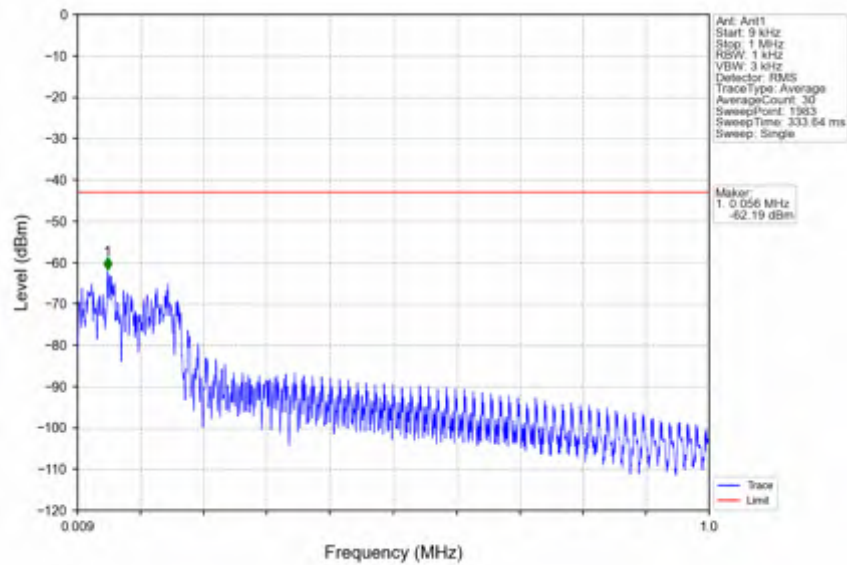
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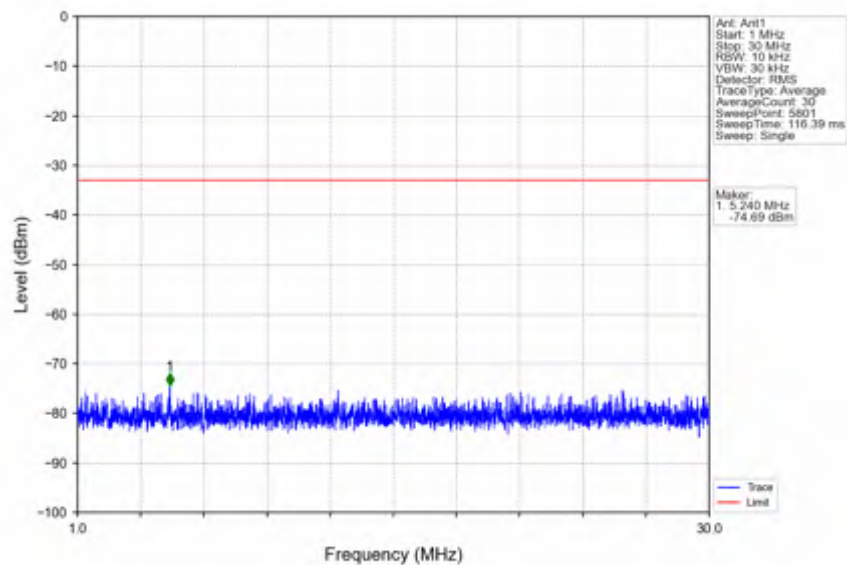
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n66\_15kHz\_SISO\_NTV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Edge\_1RB\_Left



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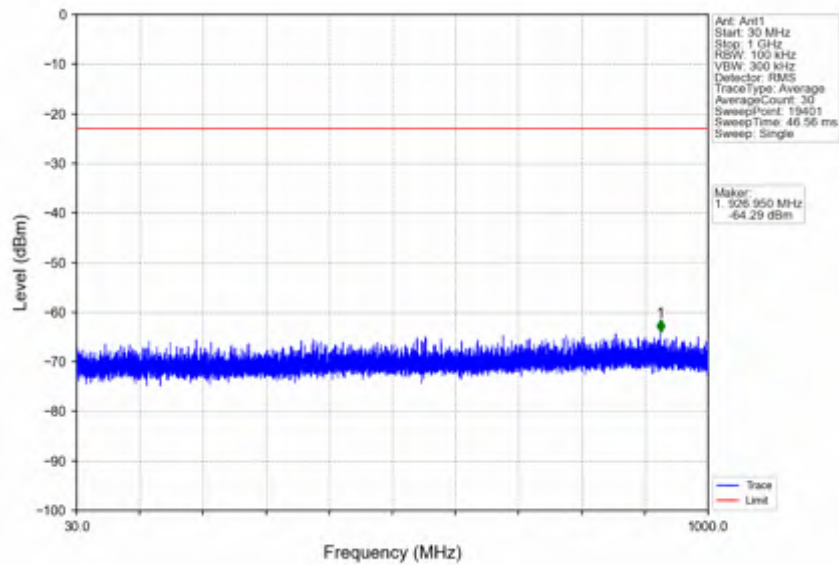
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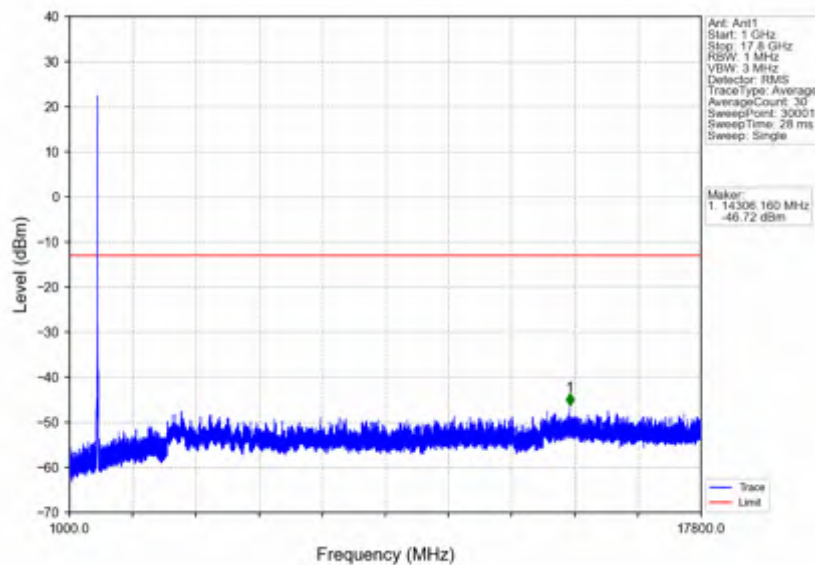
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n66\_15kHz\_SISO\_NTV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Edge\_1RB\_Left



n66\_15kHz\_SISO\_NTV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1745MHz\_Edge\_1RB\_Left



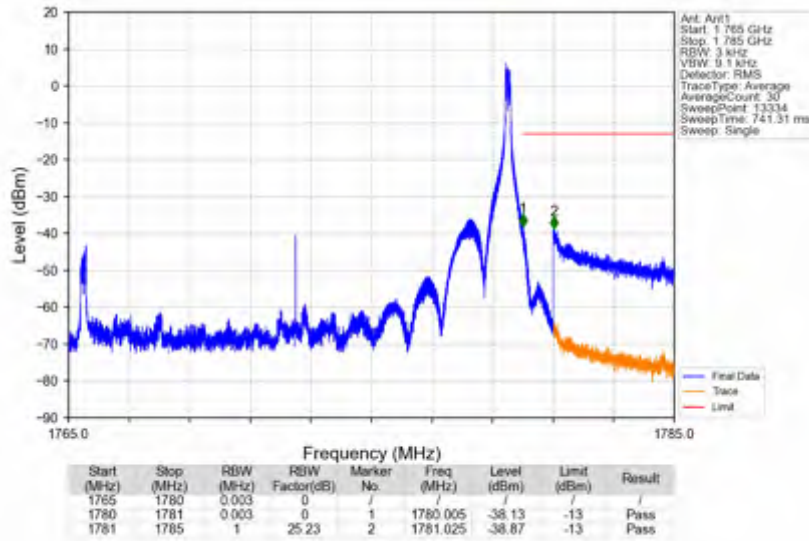
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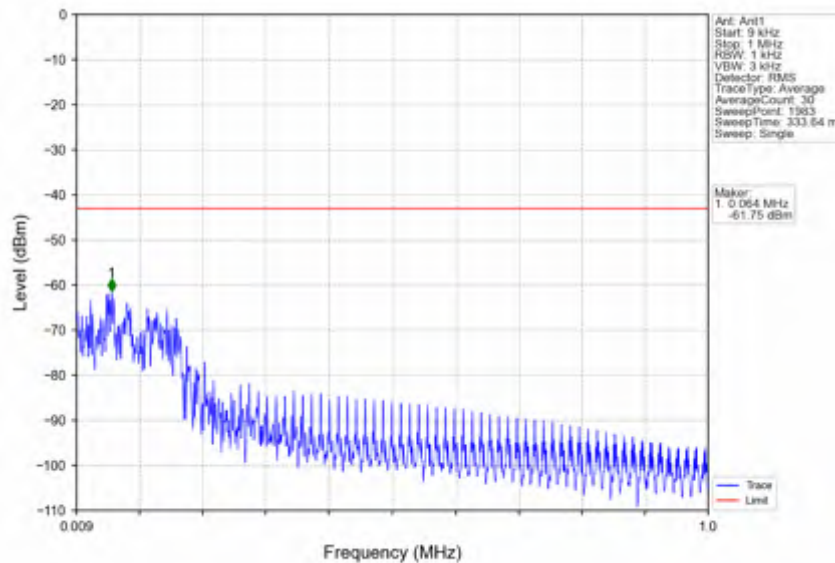
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n66\_15kHz\_SISO\_NTNV\_15MHz\_DFT-s-OFDM PI/2 BPSK\_1772.5MHz\_Edge\_1RB\_Right



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