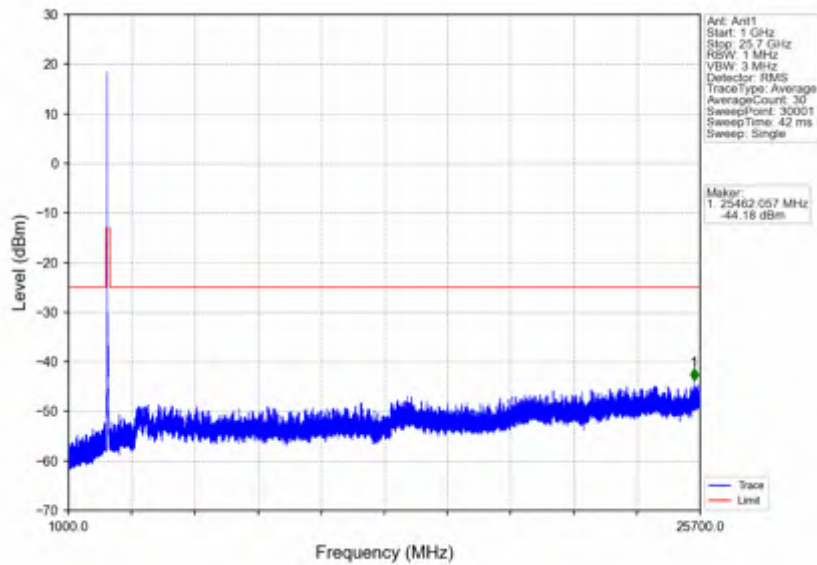
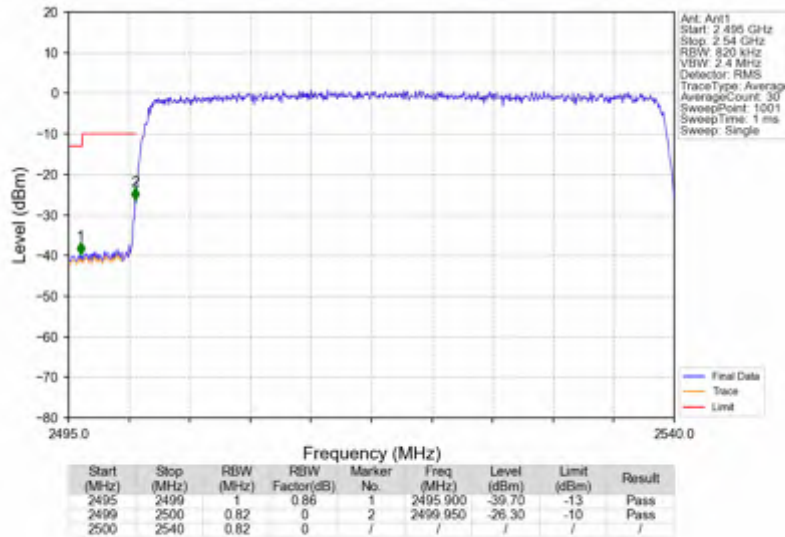


n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Outer_Full



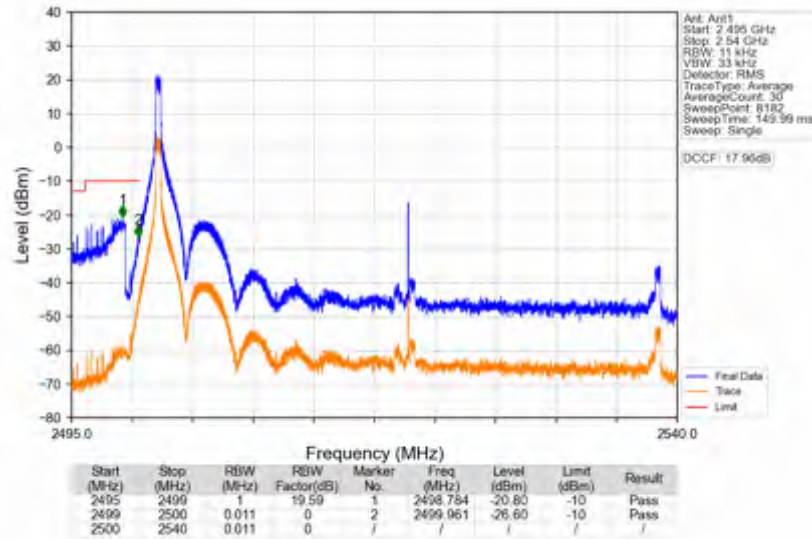
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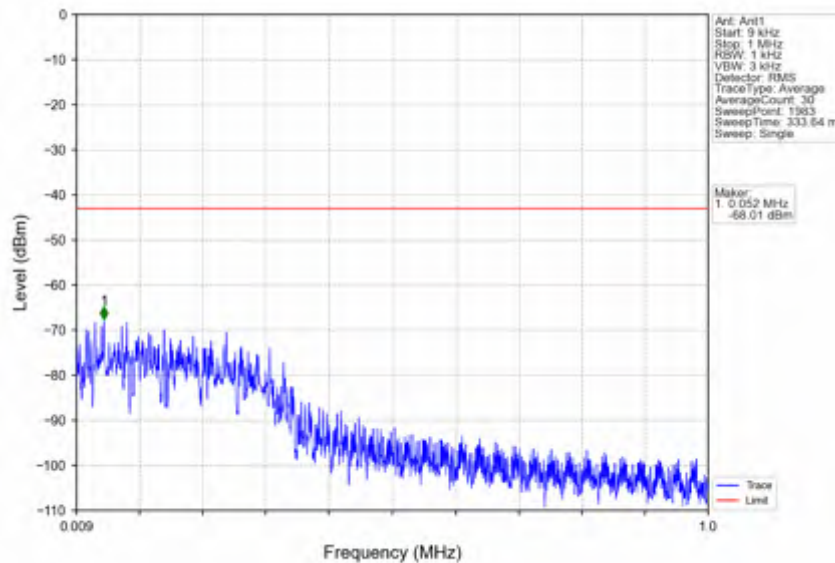
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n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Inner_1RB_Left



n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left

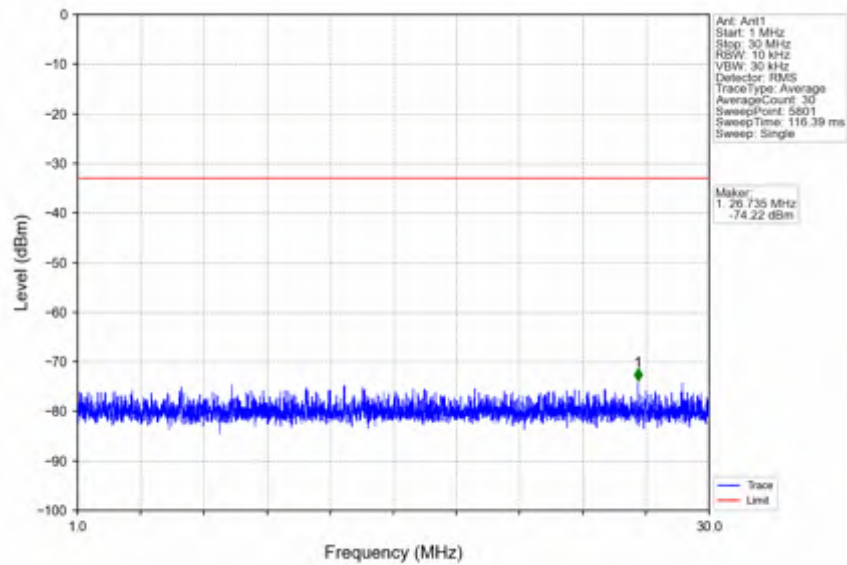


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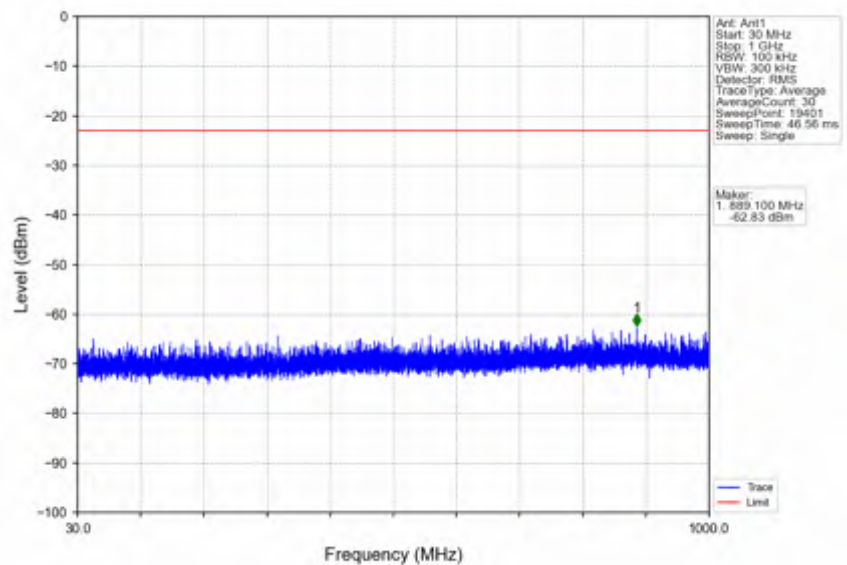
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n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



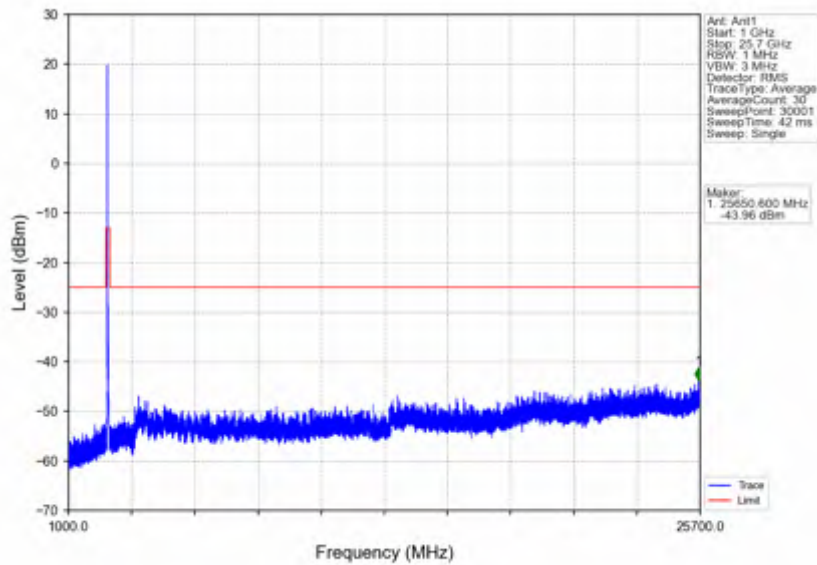
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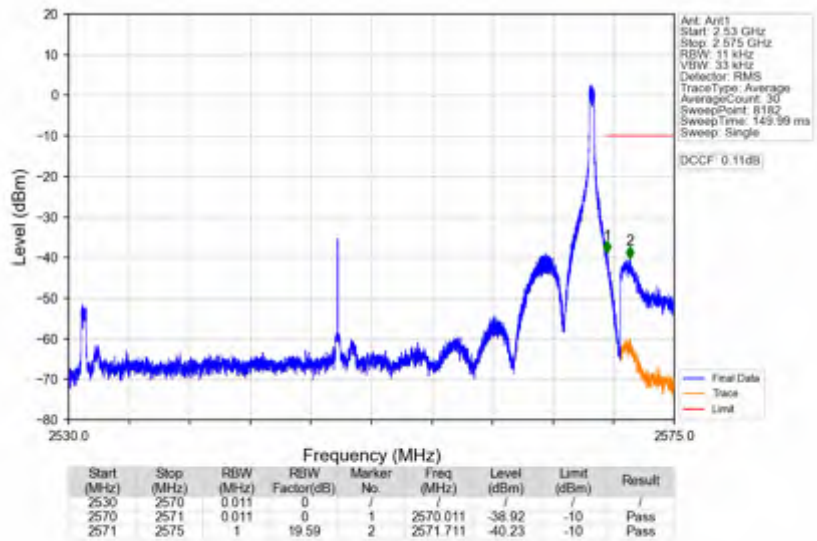
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n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2550MHz_Edge_1RB_Right



Frequency (MHz)

Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2530	2570	0.011	0	/	/	/	/	/
2570	2571	0.011	0	1	2570.011	-38.92	-10	Pass
2571	2575	1	19.59	2	2571.711	-40.23	-10	Pass

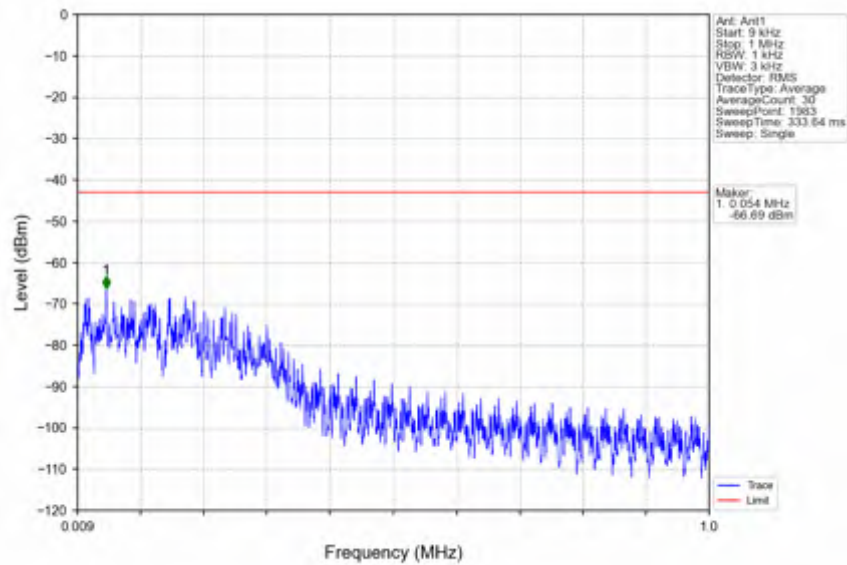


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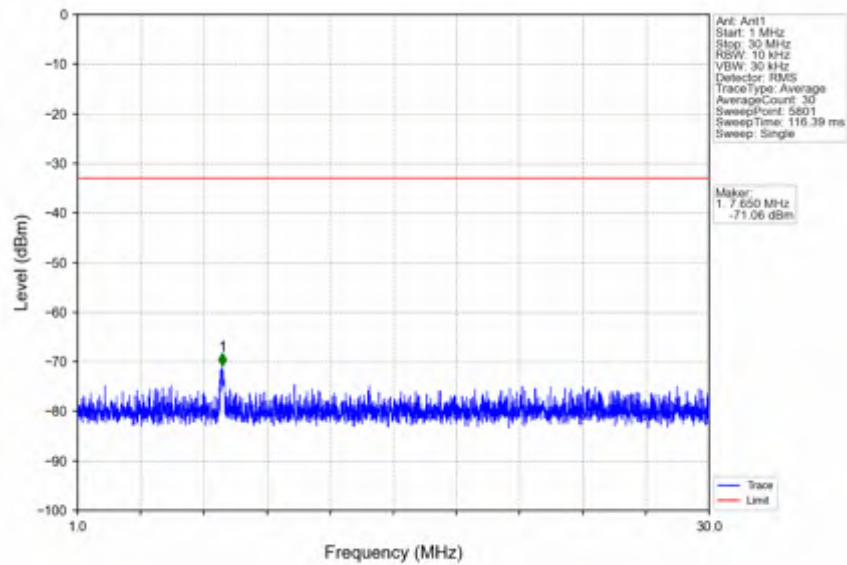
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n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2550MHz_Edge_1RB_Right



n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2550MHz_Edge_1RB_Right



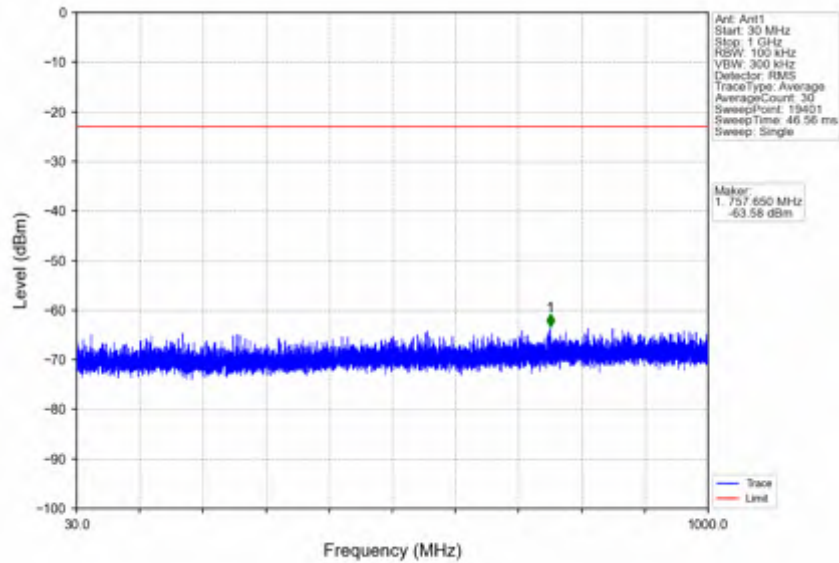
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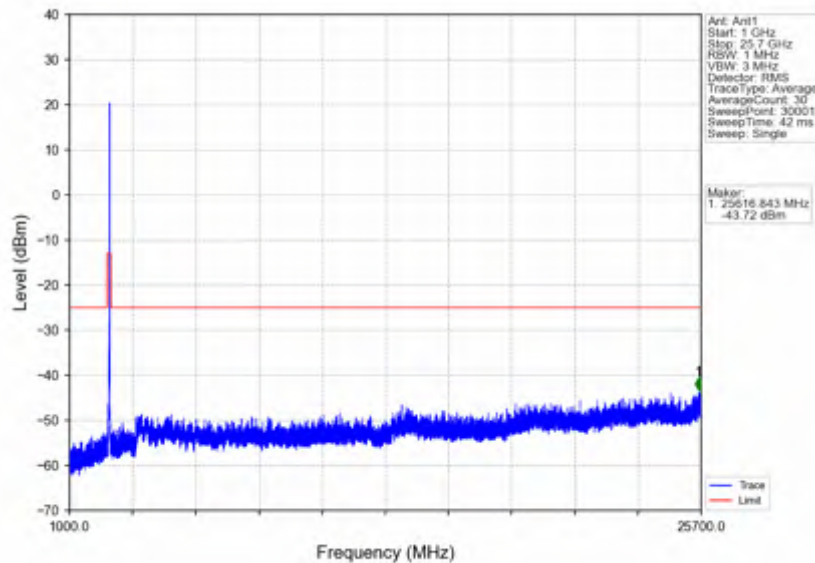
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n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2550MHz_Edge_1RB_Right



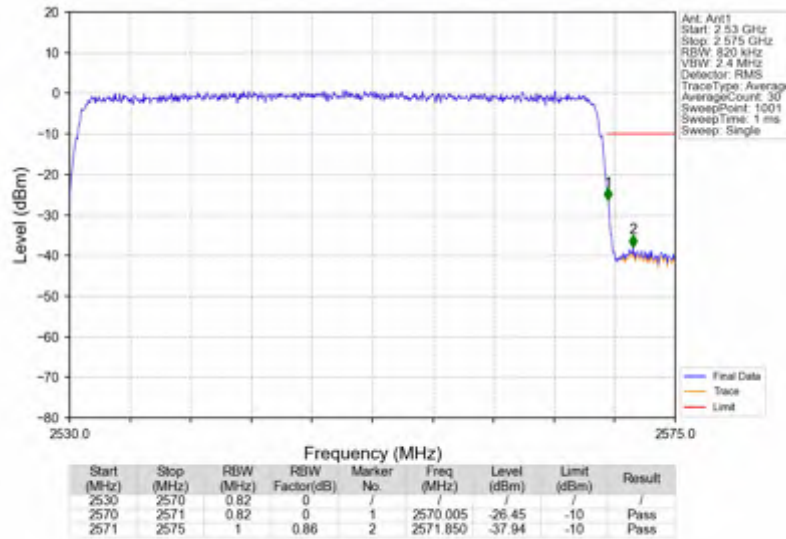
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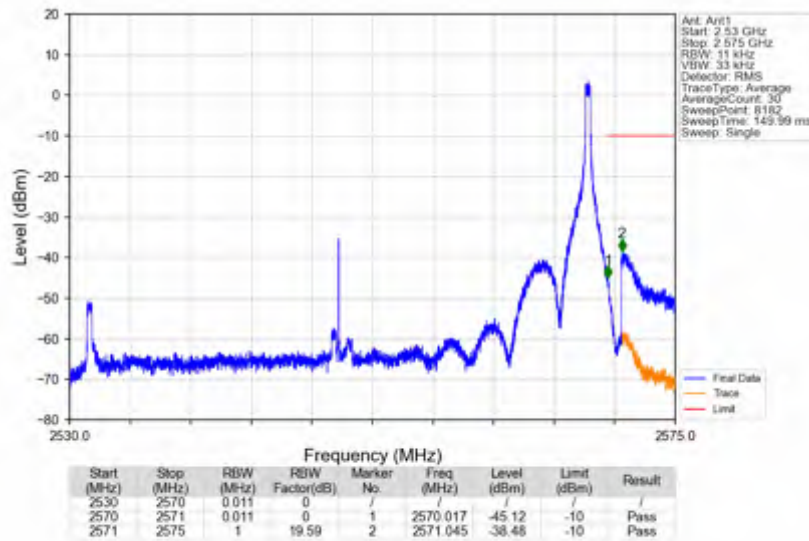
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n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2550MHz_Outer_Full



n7_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2550MHz_Inner_1RB_Right



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3.15 30k_SISO_50MHz_NTNV

3.15.1 Test Result

5G NR n7 SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2525	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	2535	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	2525	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	2535	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	2525	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	2535	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
2545	Edge_1RB_Right	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

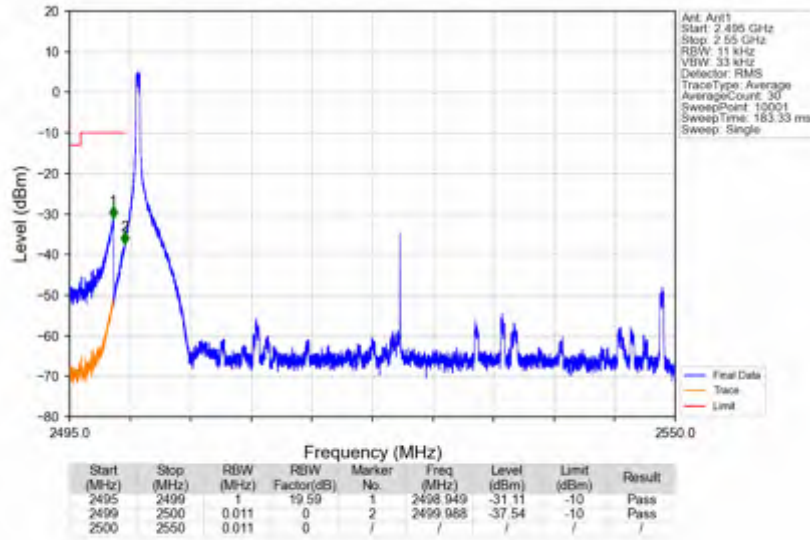


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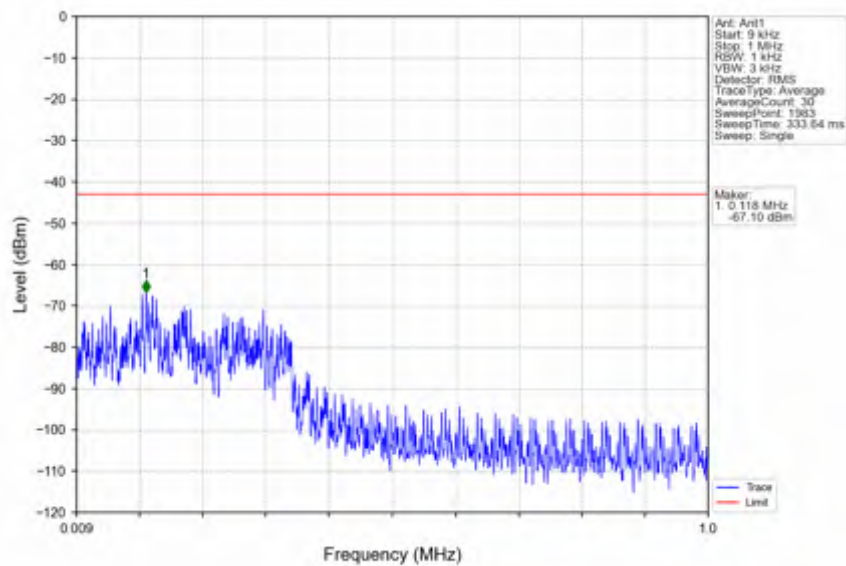
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3.15.2 Test Graph

n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2525MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2525MHz_Edge_1RB_Left

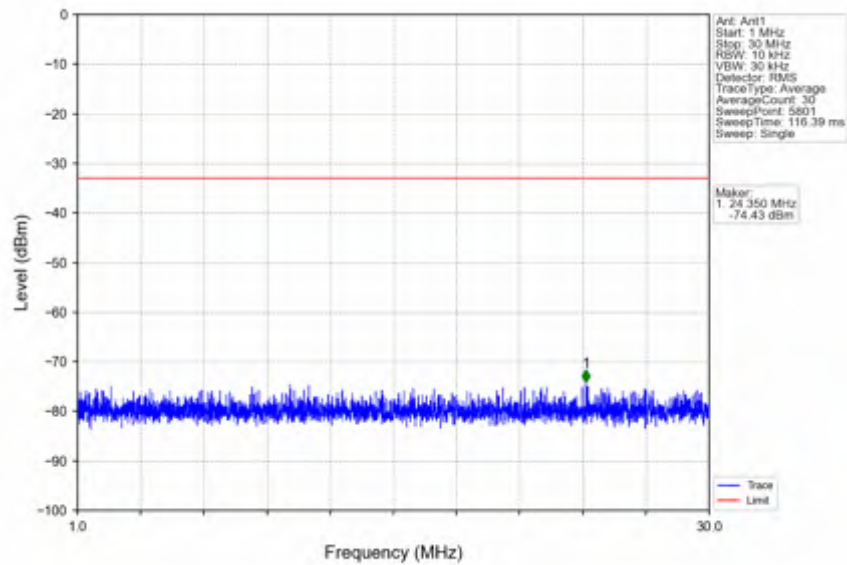


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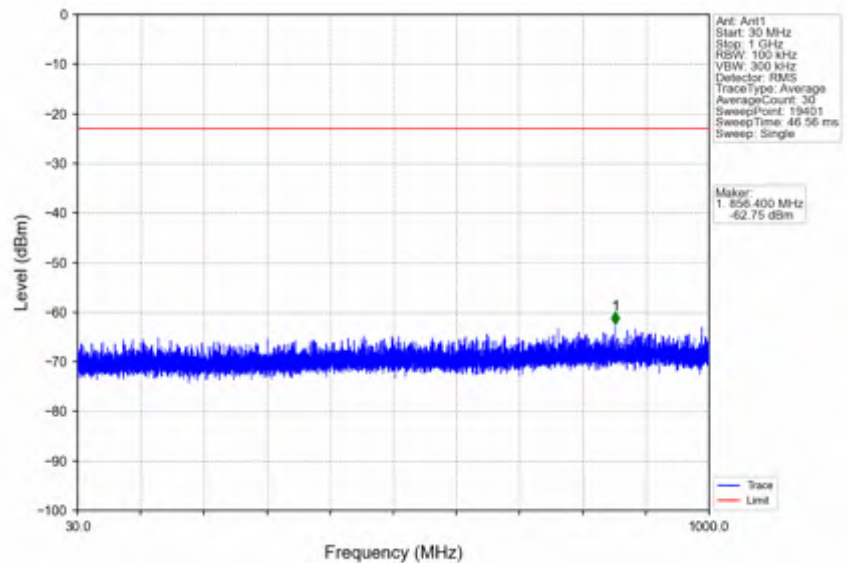
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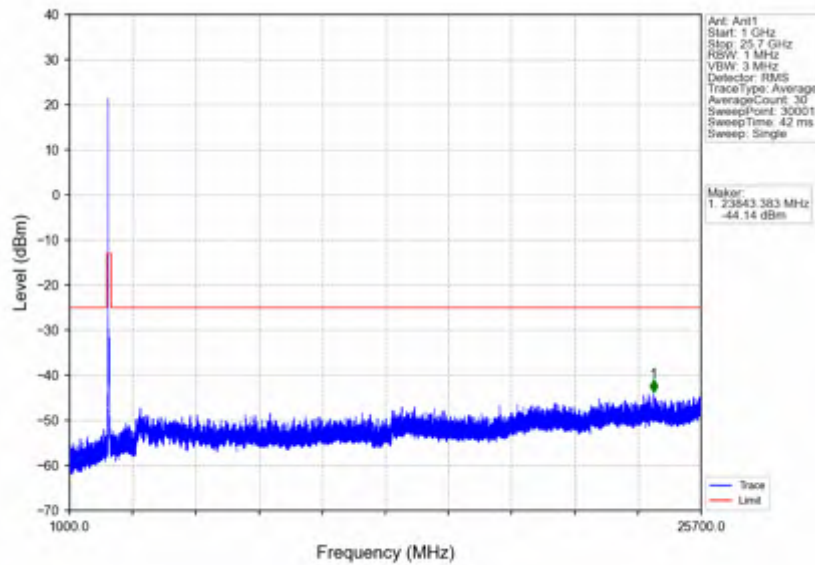
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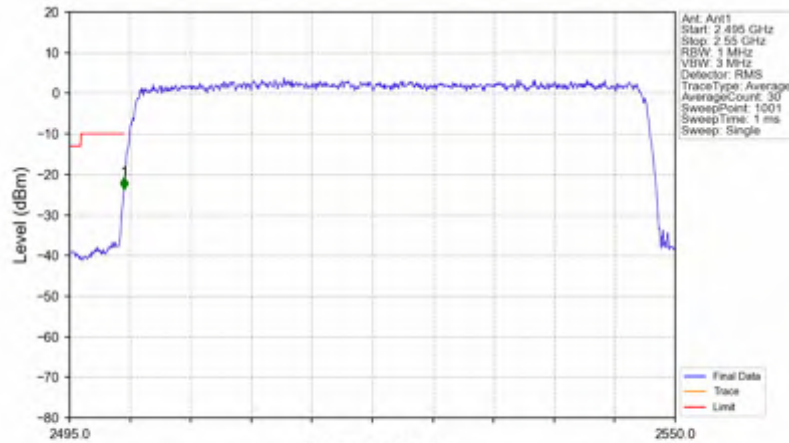
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2500	1	0	1	2499.950	-23.69	-10	Pass
2500	2550	1	0	/	/	/	/	/



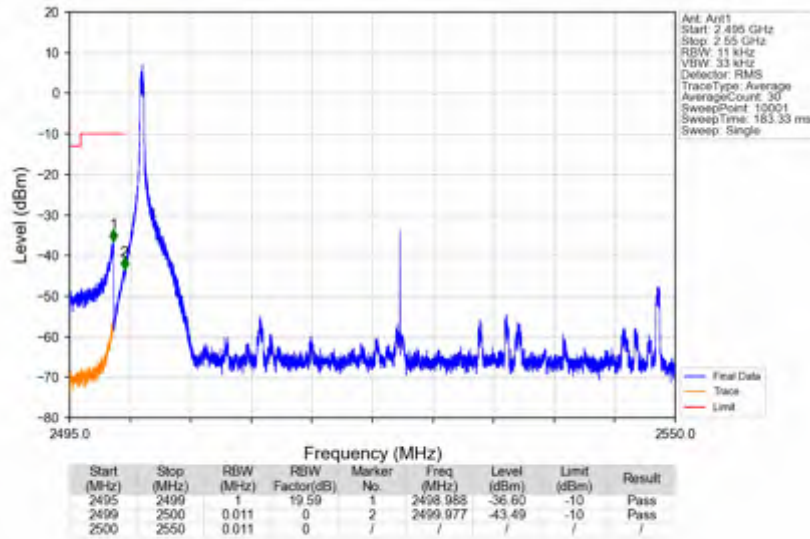
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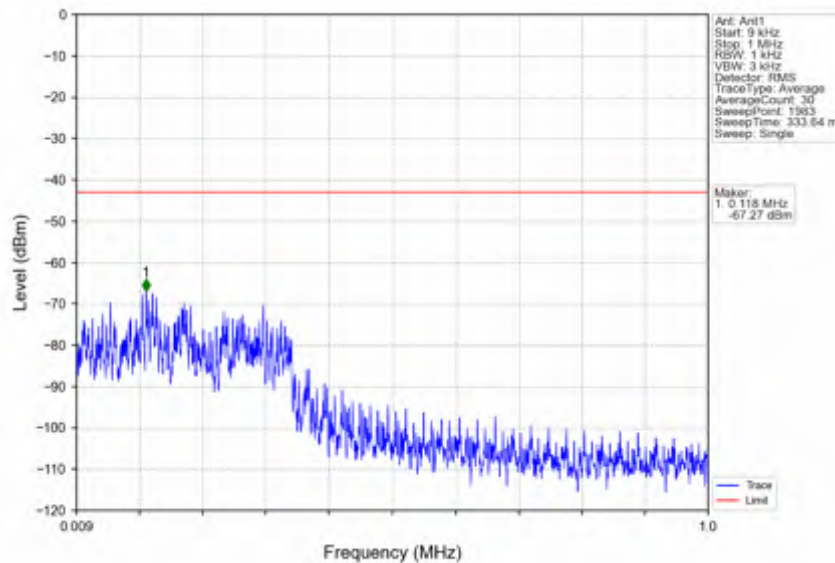
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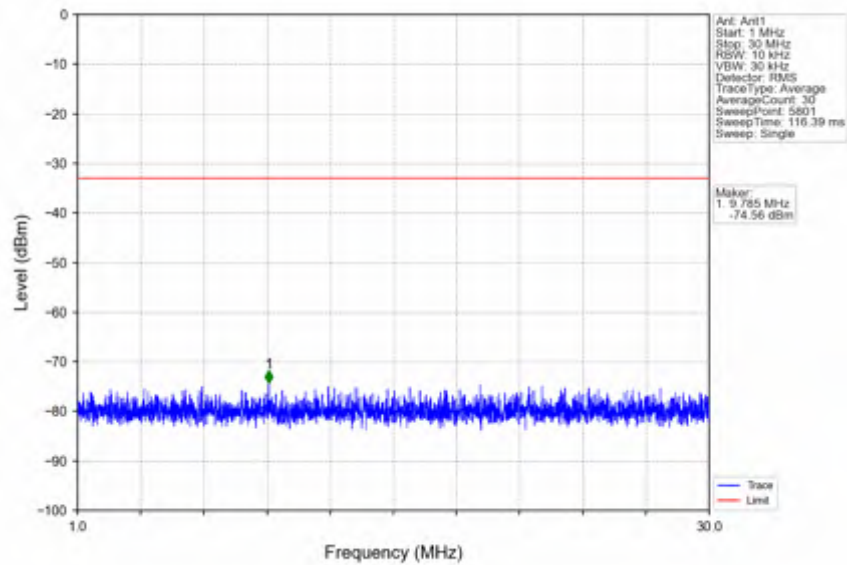


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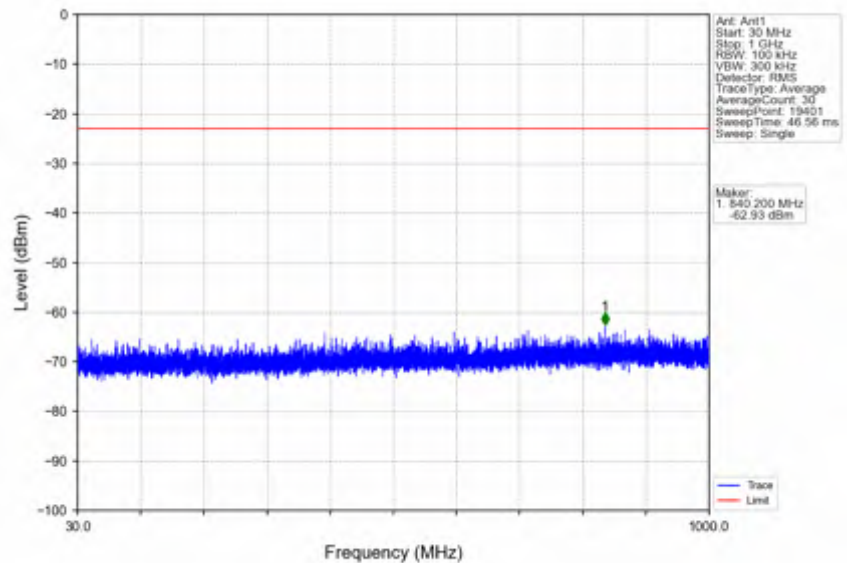
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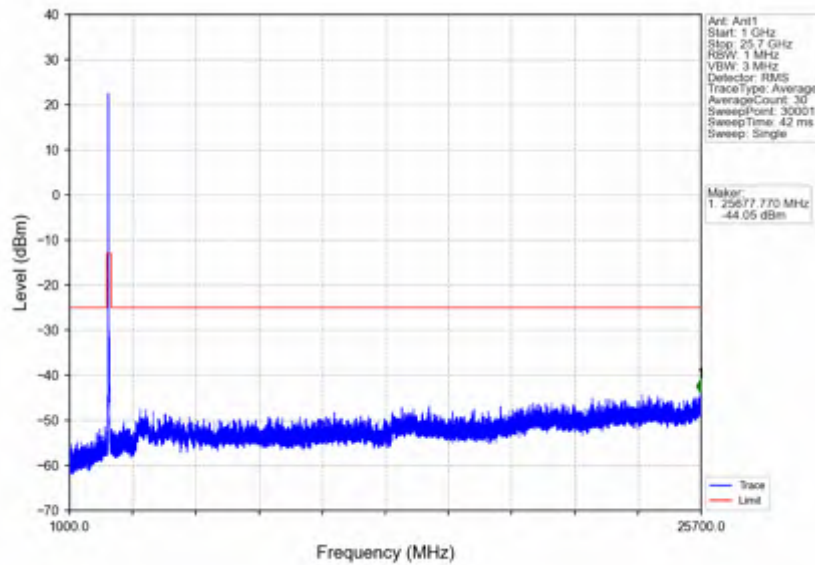
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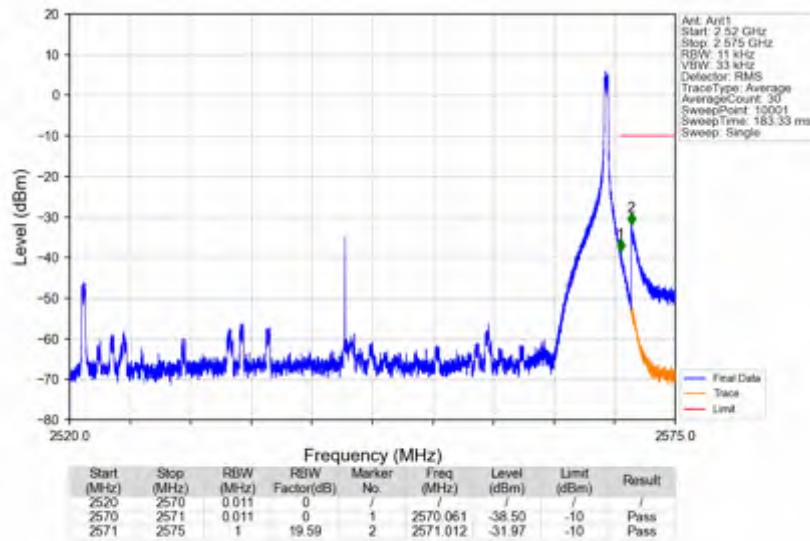
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	0.011	0	1	2570.061	-38.50	-10	Pass
2570	2571	0.011	0	1	2570.061	-38.50	-10	Pass
2571	2575	1	19.59	2	2571.012	-31.97	-10	Pass



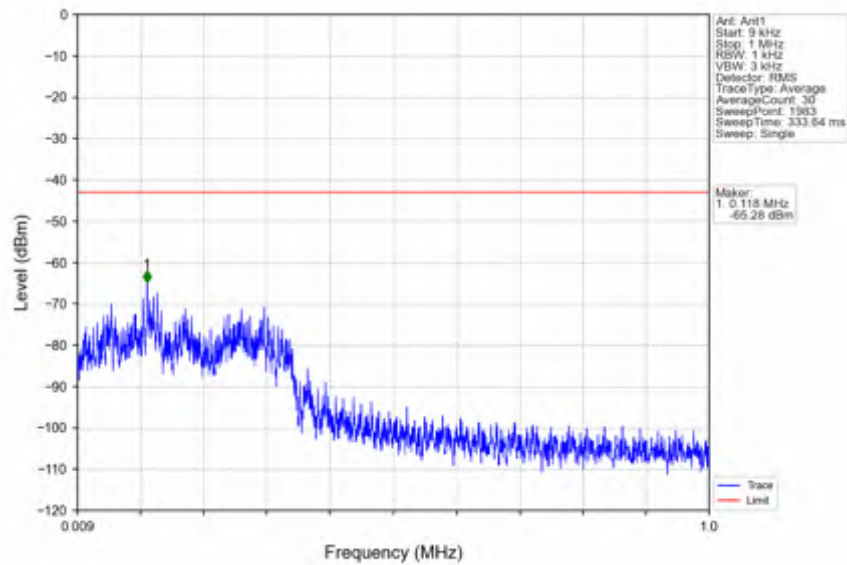
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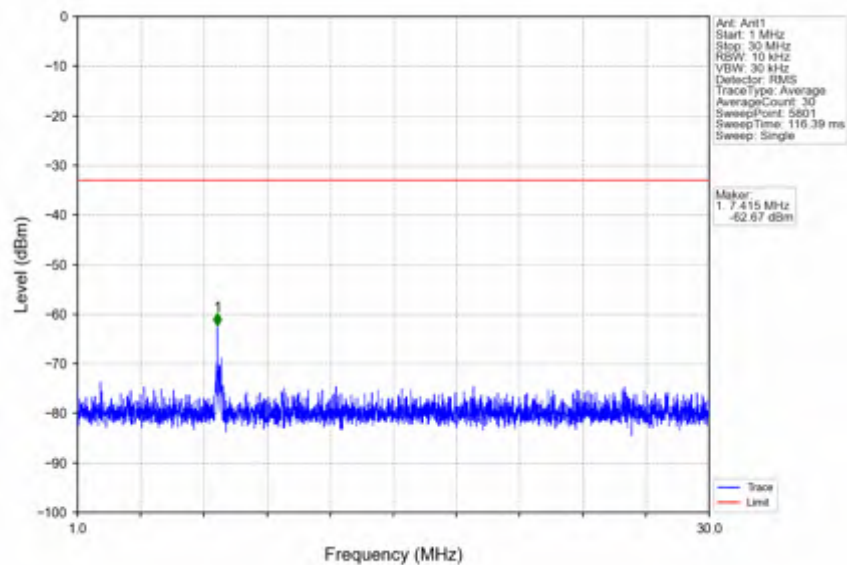
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right

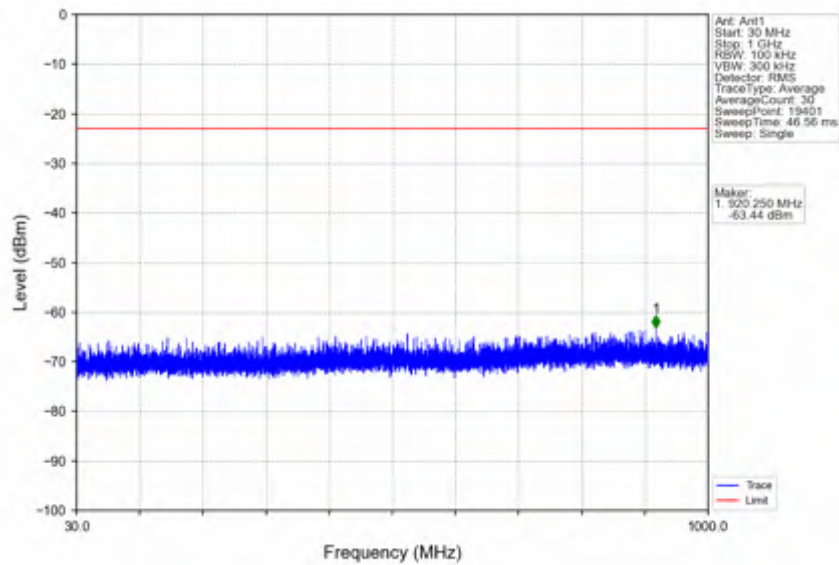


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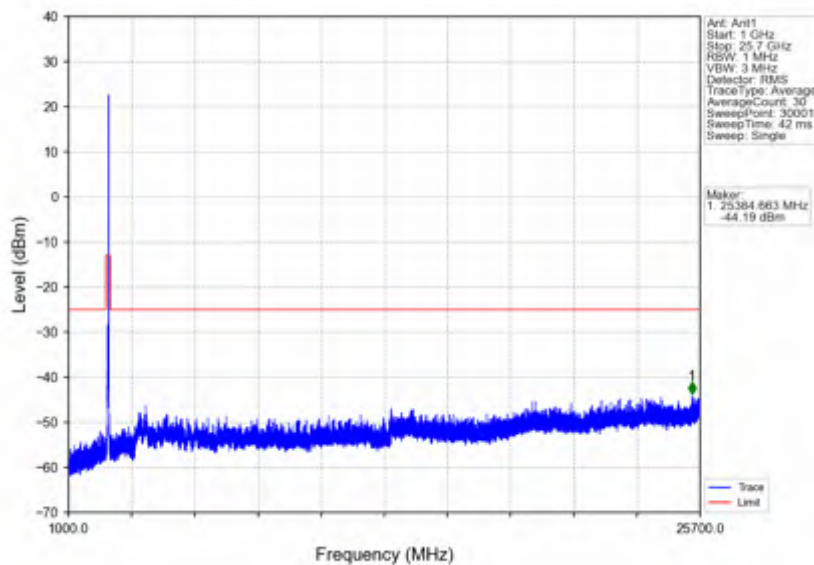
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right



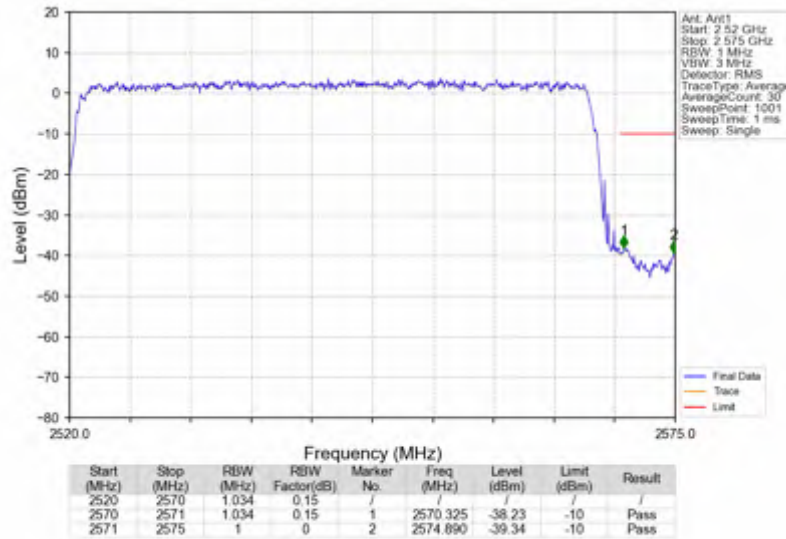
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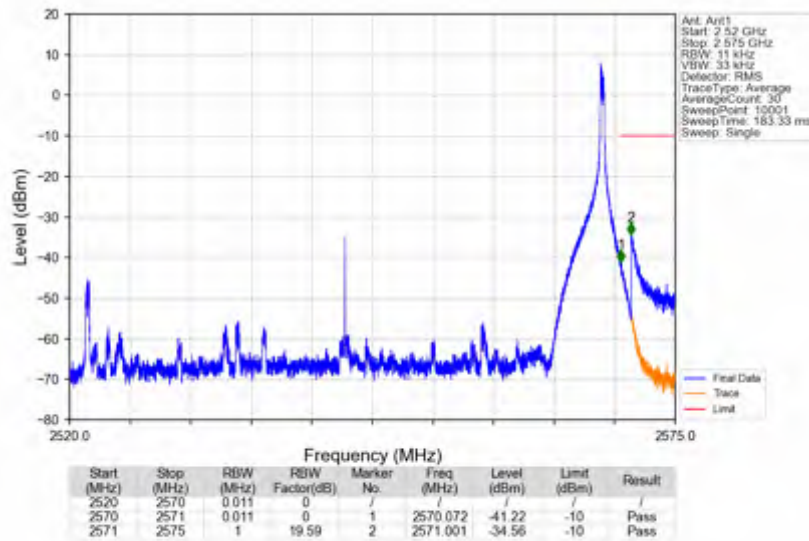
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Inner_1RB_Right



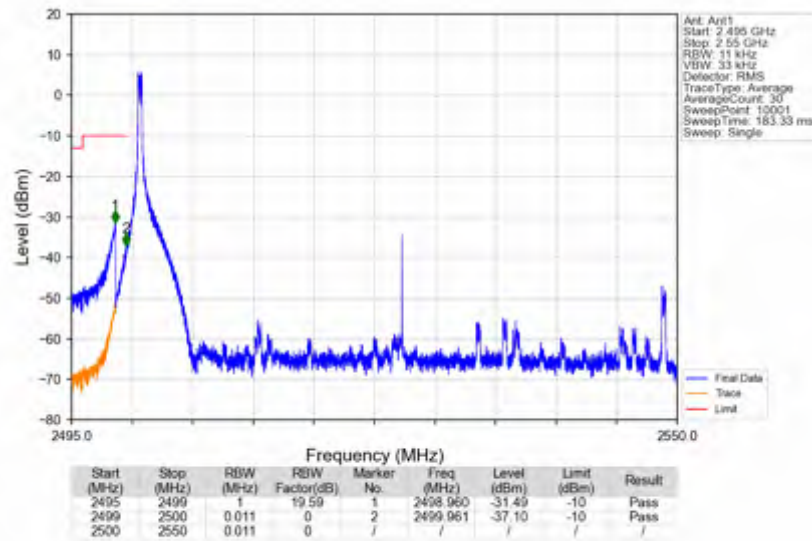
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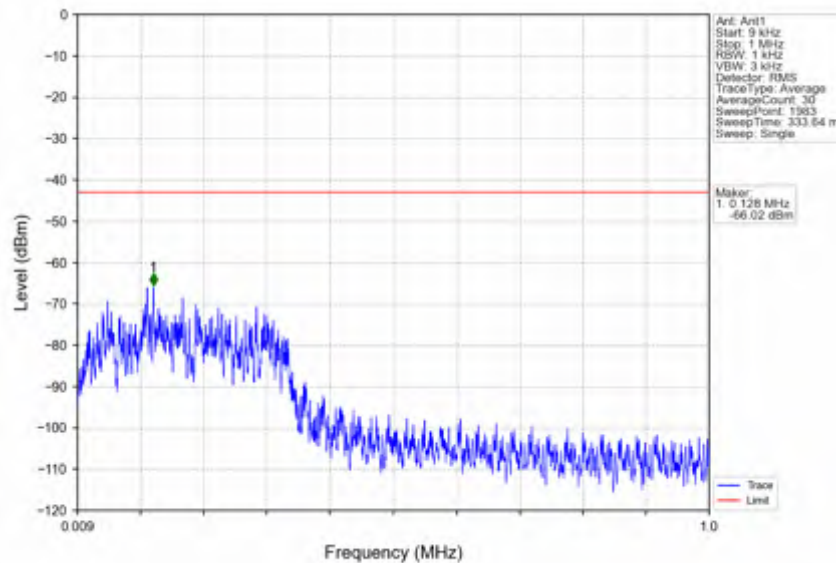
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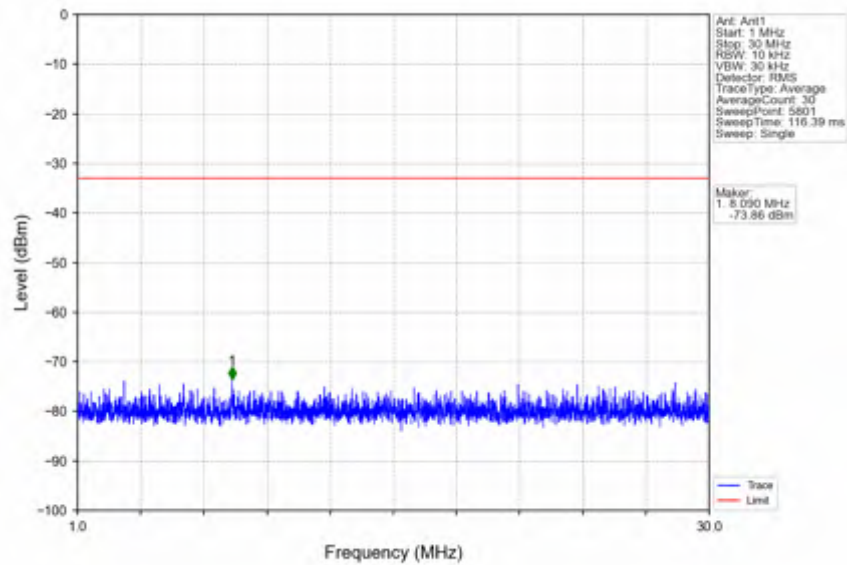


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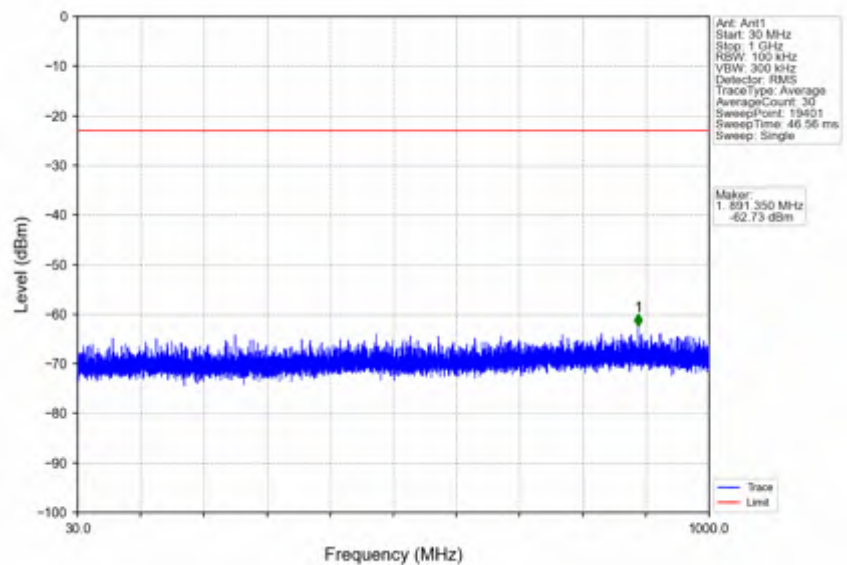
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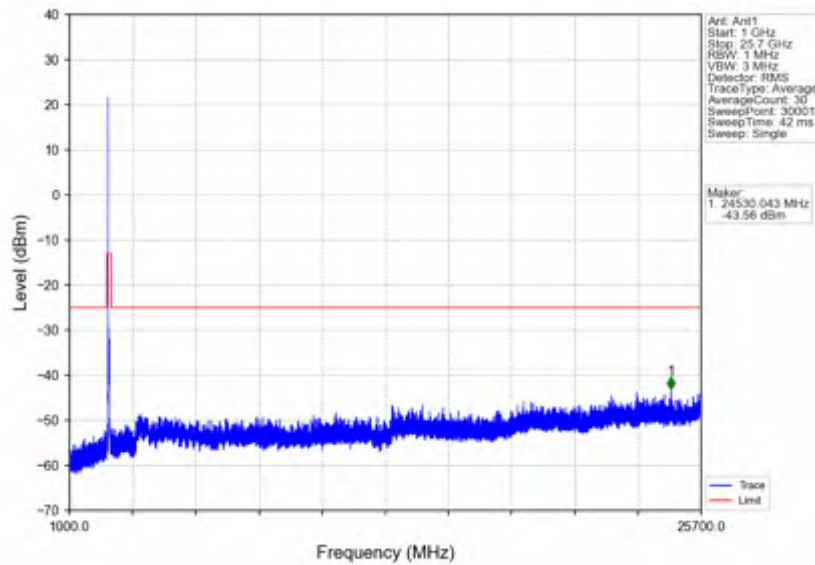
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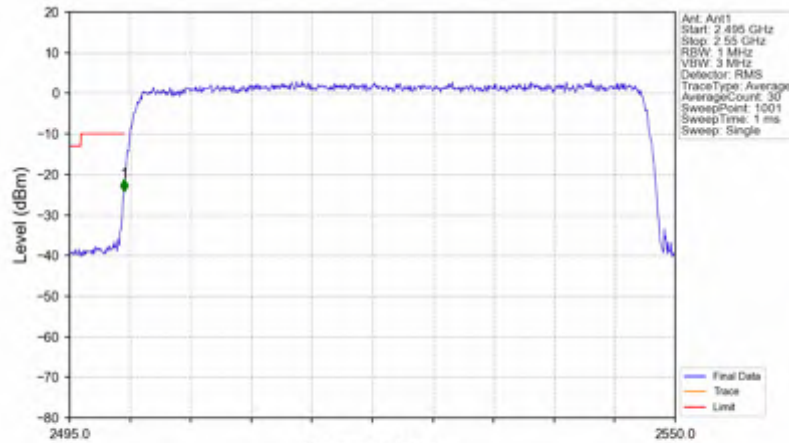
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2500	1	0	1	2499.950	-24.19	-10	Pass
2500	2550	1	0	/	/	/	/	/



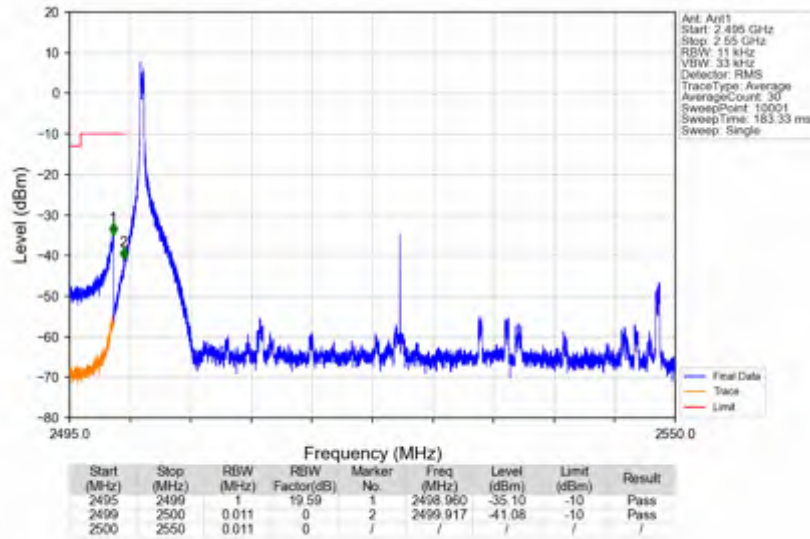
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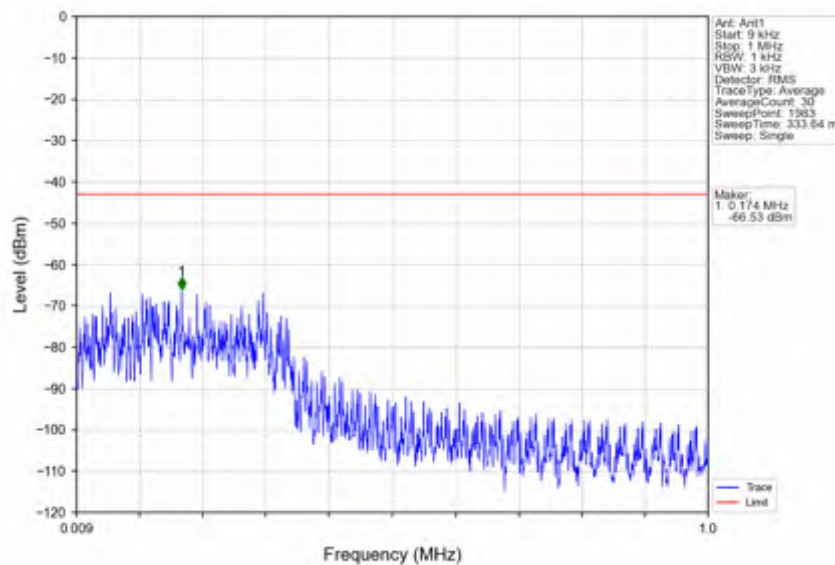
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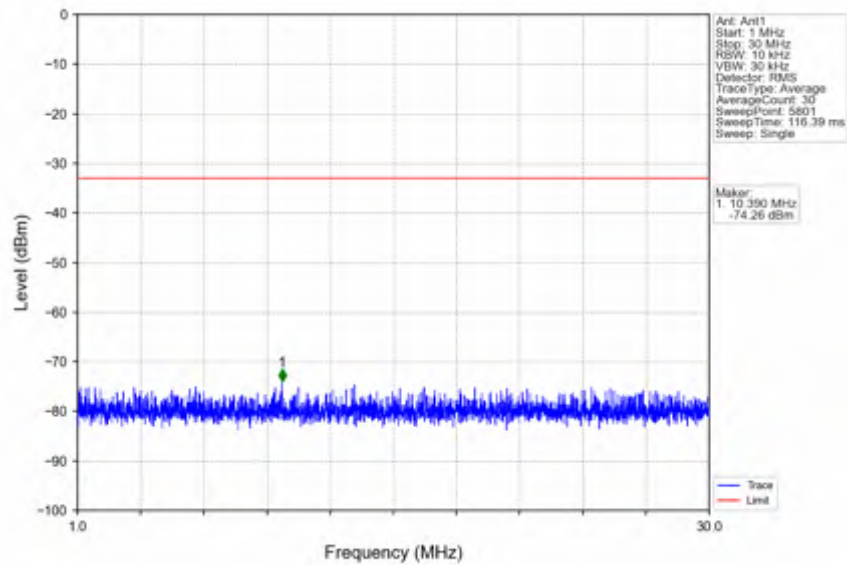


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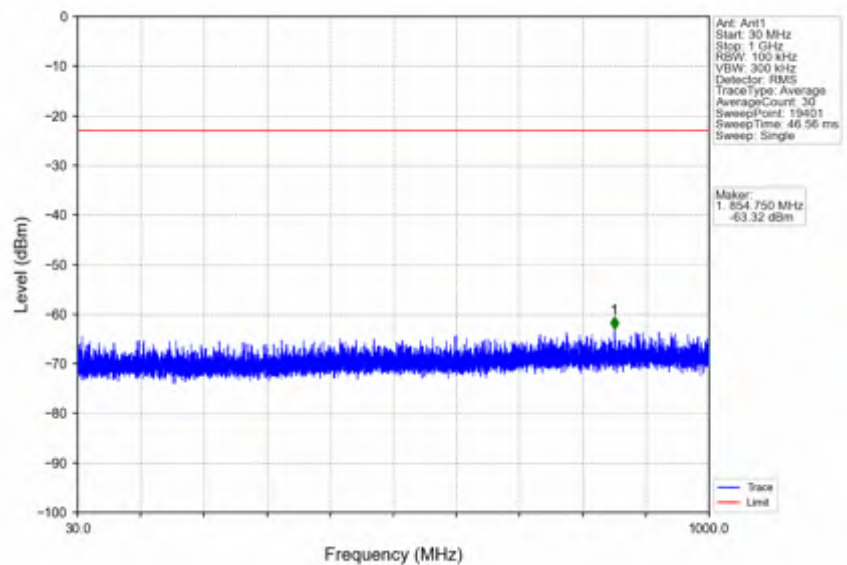
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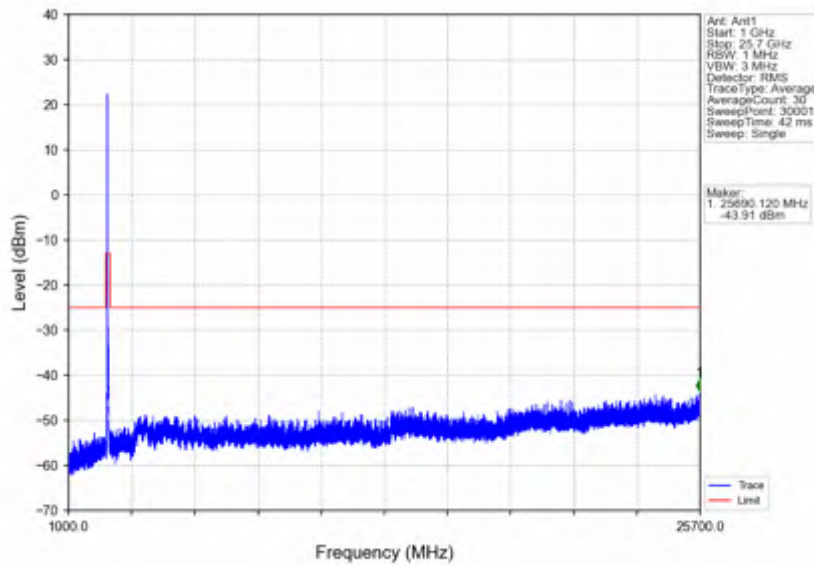
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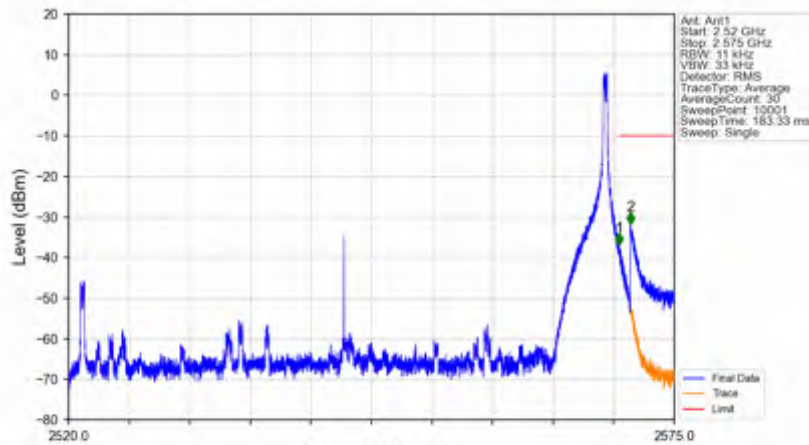
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2545MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	0.011	0	/	/	/	/	/
2570	2571	0.011	0	1	2570.012	-36.98	-10	Pass
2571	2575	1	19.59	2	2571.023	-31.81	-10	Pass

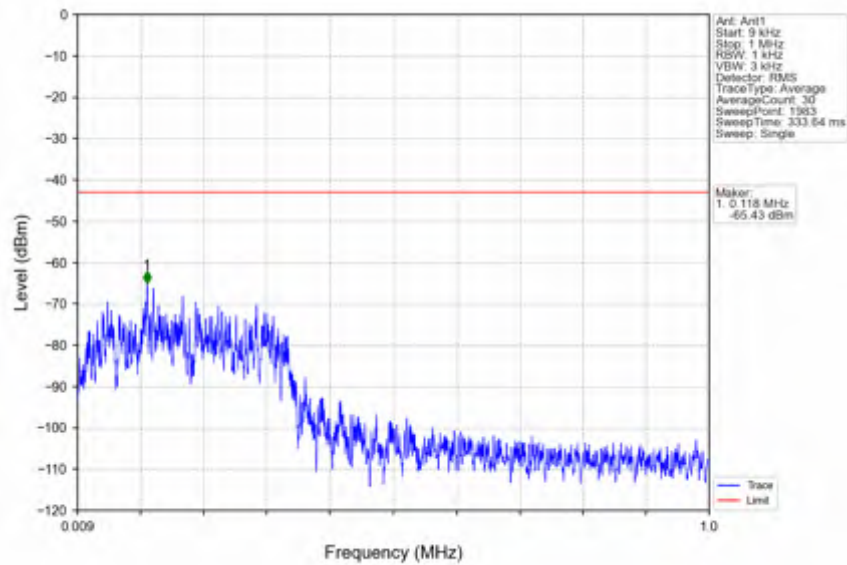


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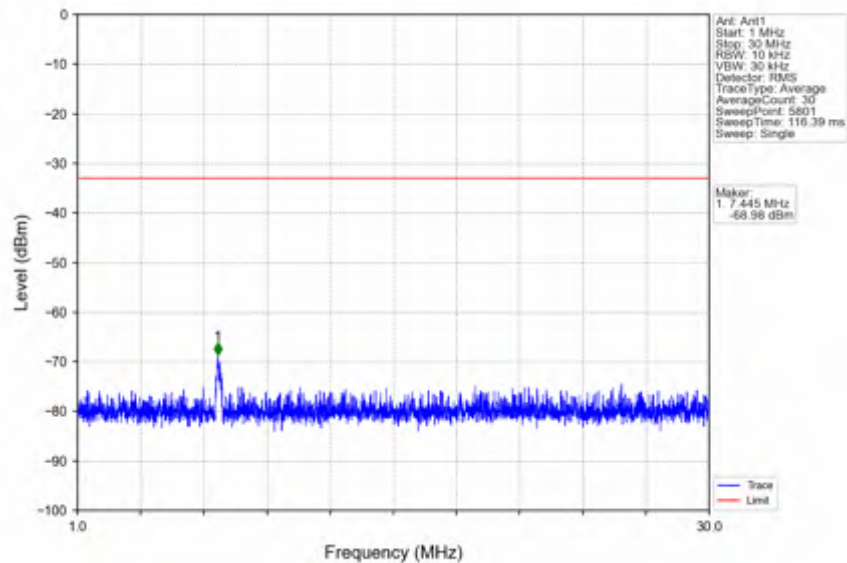
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2545MHz_Edge_1RB_Right



n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2545MHz_Edge_1RB_Right



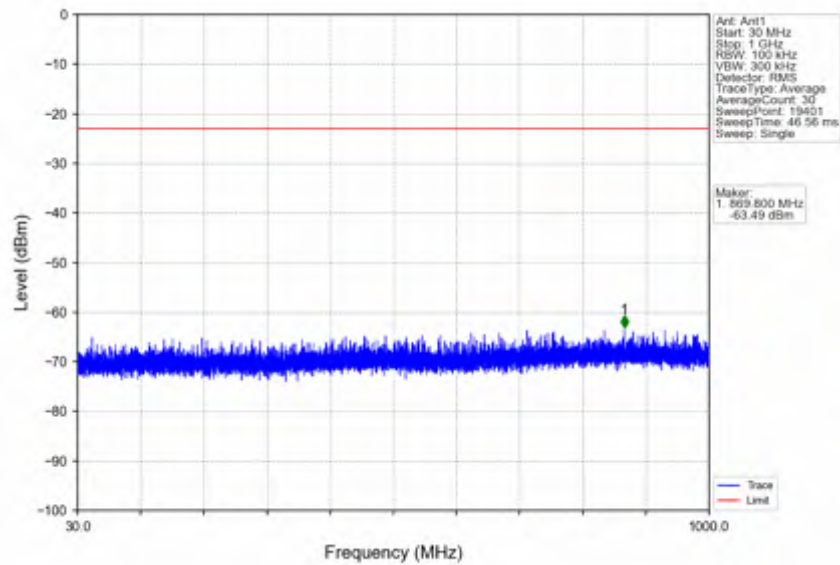
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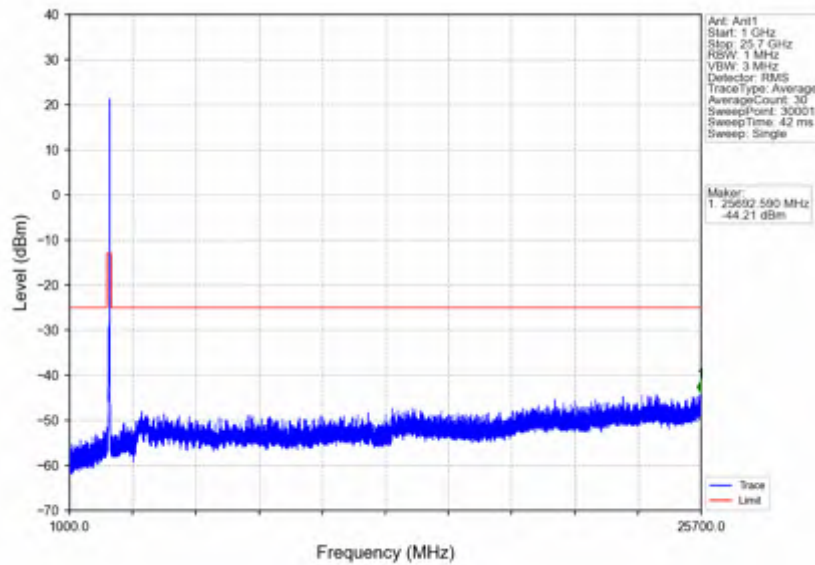
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2545MHz_Edge_1RB_Right



n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2545MHz_Edge_1RB_Right



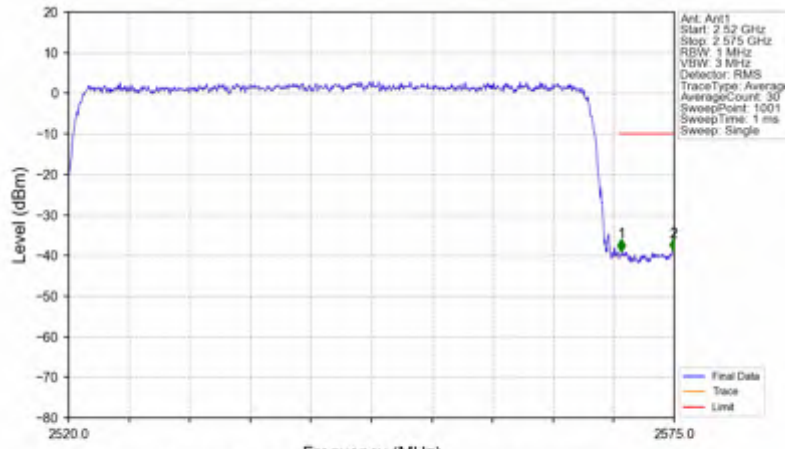
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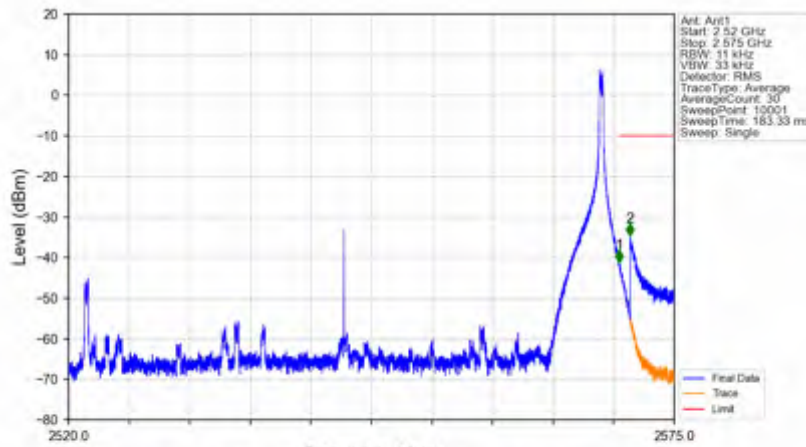
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n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2545MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	1.03	0.13	/	/	/	/	/
2570	2571	1.03	0.13	1	2570.215	-39.01	-10	Pass
2571	2575	1	0	2	2574.945	-38.89	-10	Pass

n7_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2545MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	0.011	0	/	/	/	/	/
2570	2571	0.011	0	1	2570.017	-41.26	-10	Pass
2571	2575	1	19.59	2	2571.001	-34.68	-10	Pass



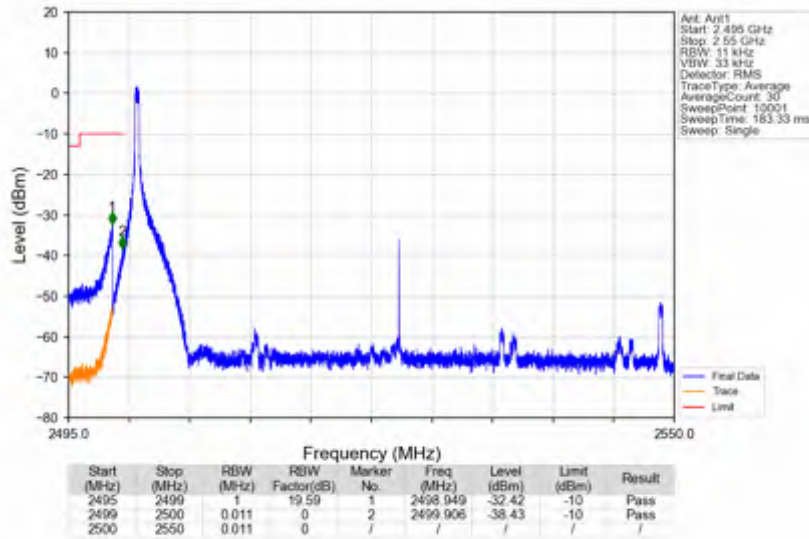
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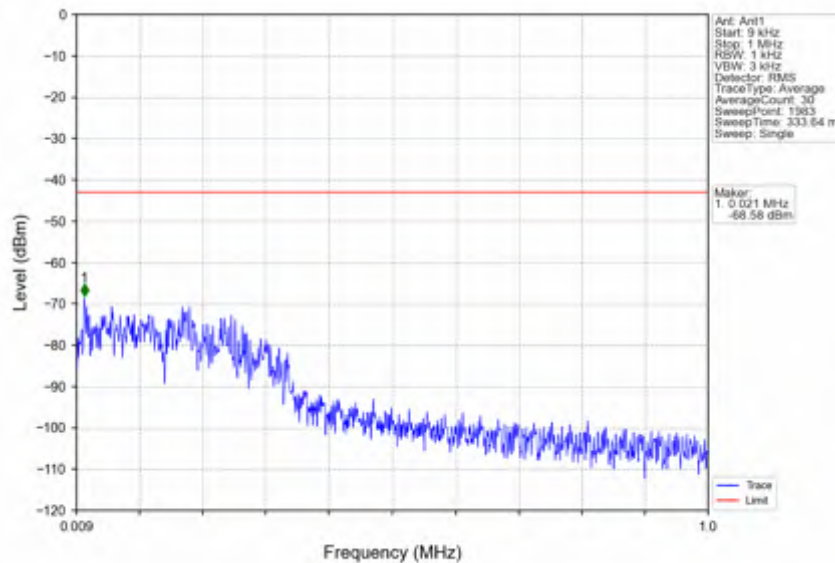
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n7_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left

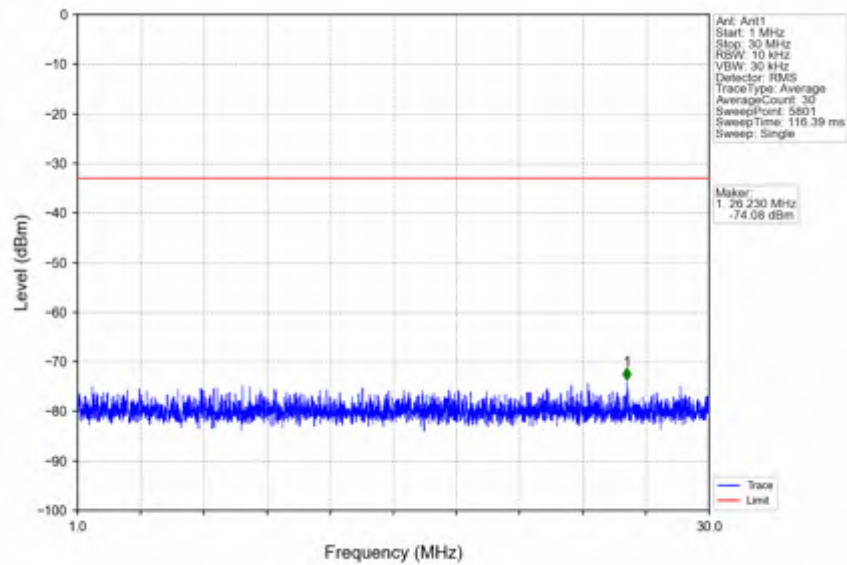


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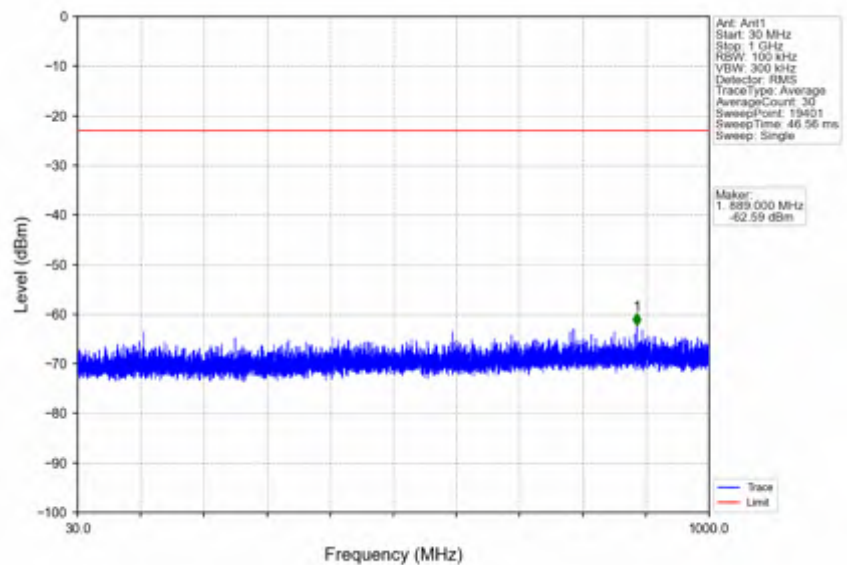
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n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2525MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2525MHz_Edge_1RB_Left



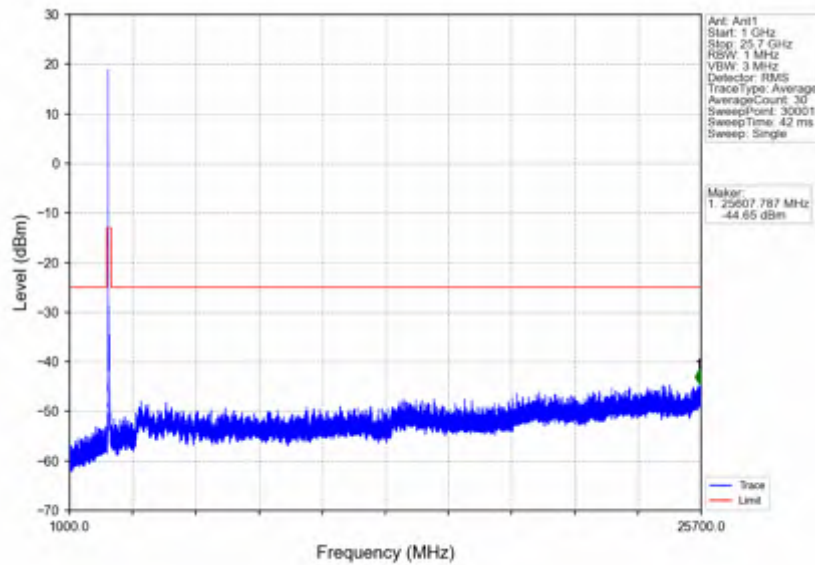
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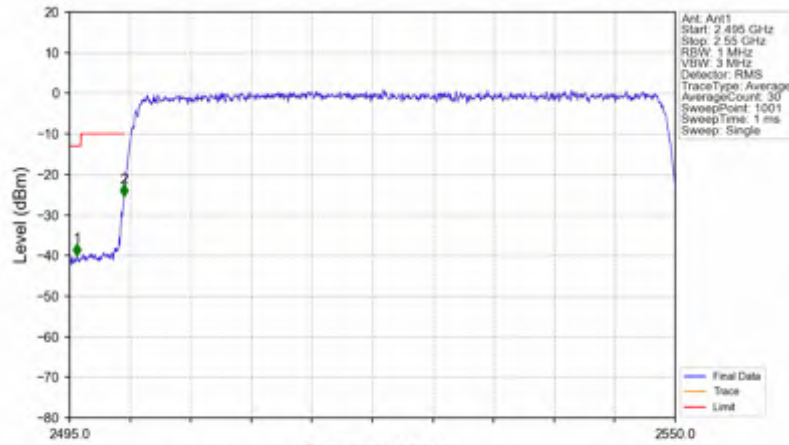
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n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2525MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2525MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2499	1	0	1	2495.660	-40.13	-13	Pass
2499	2500	1.03	0.13	2	2499.950	-25.58	-10	Pass
2500	2550	1.03	0.13	/	/	/	/	/



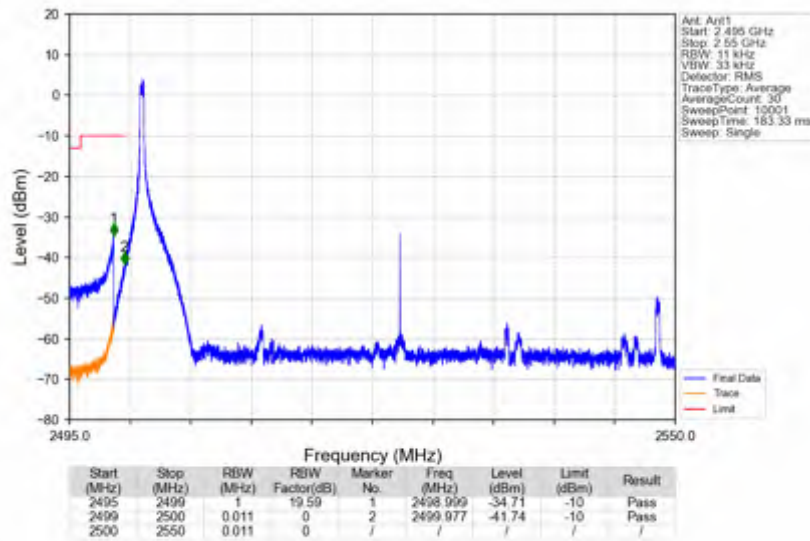
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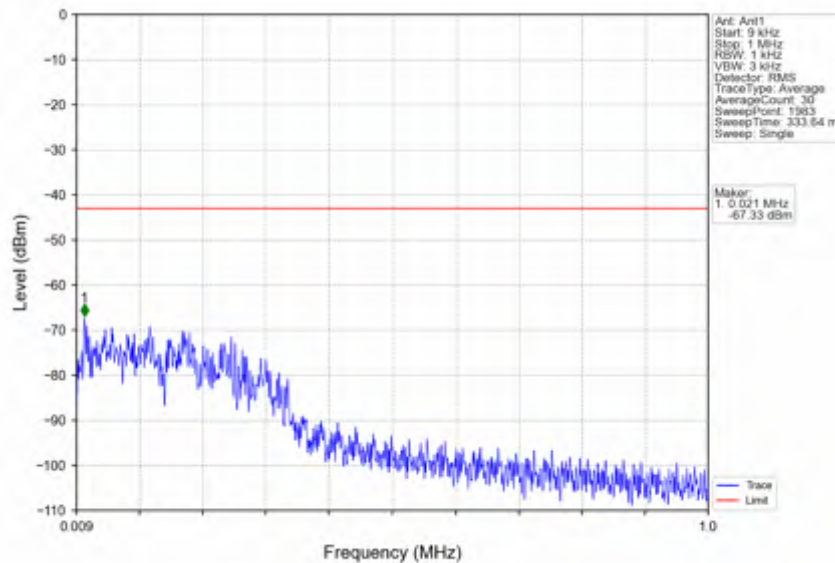
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n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2525MHz_Inner_1RB_Left



n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left

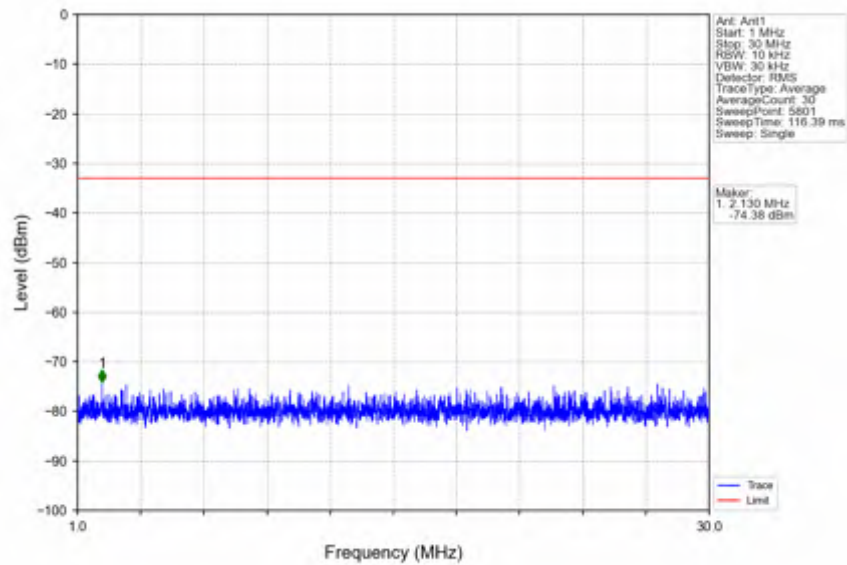


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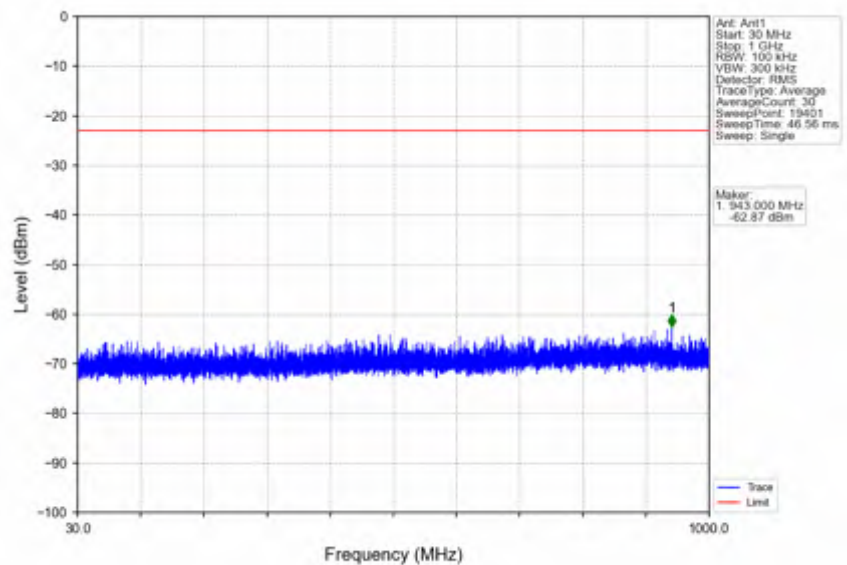
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n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



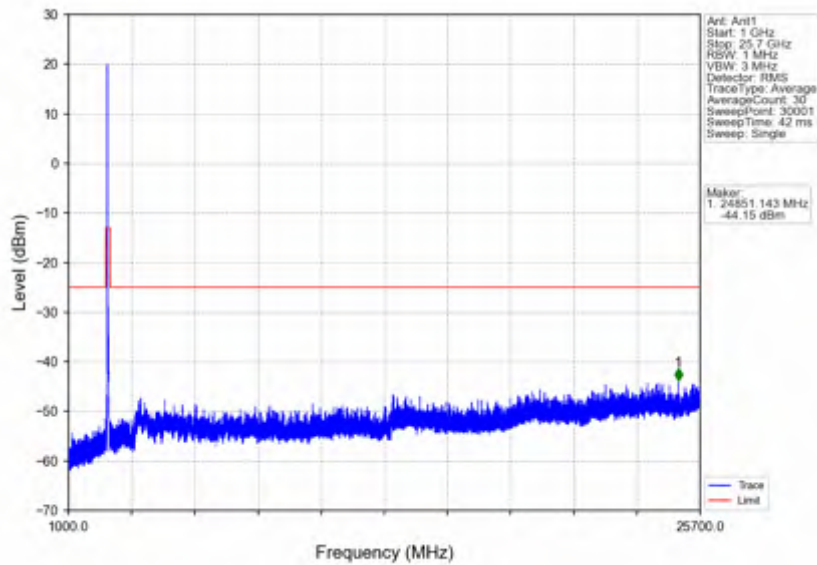
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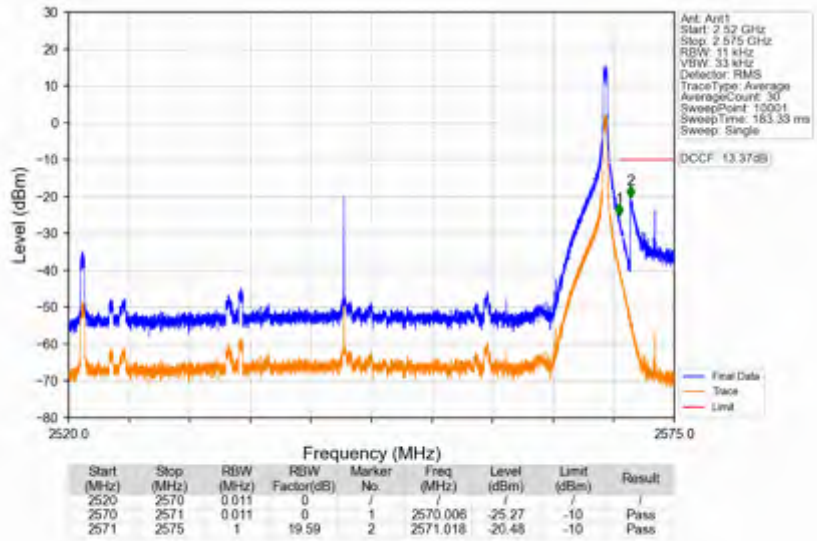
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n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2545MHz_Edge_1RB_Right

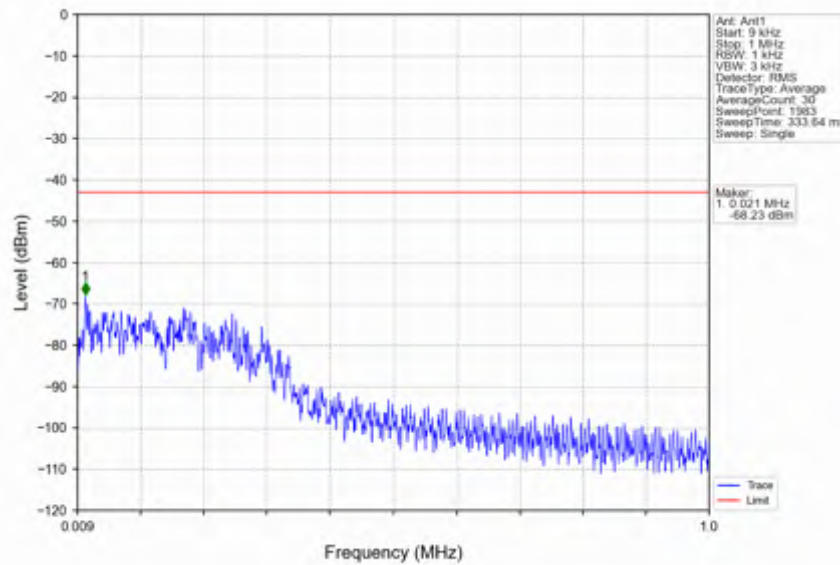


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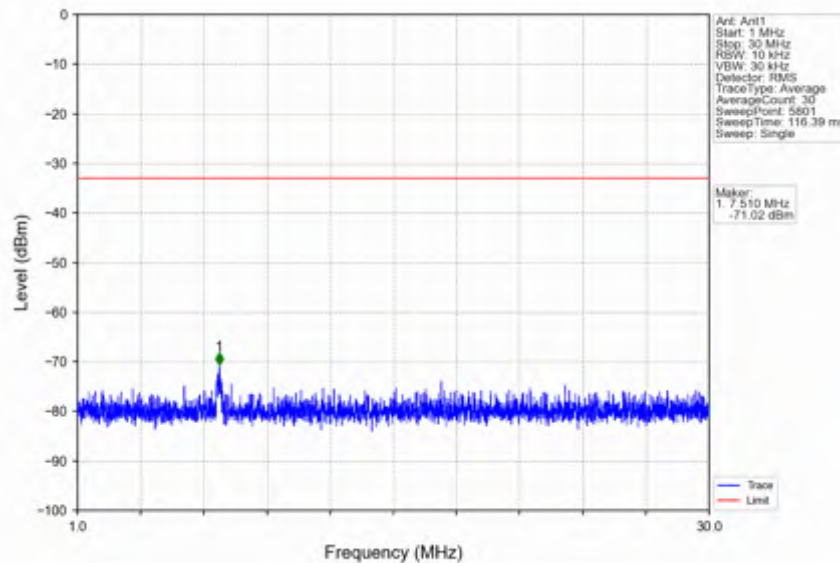
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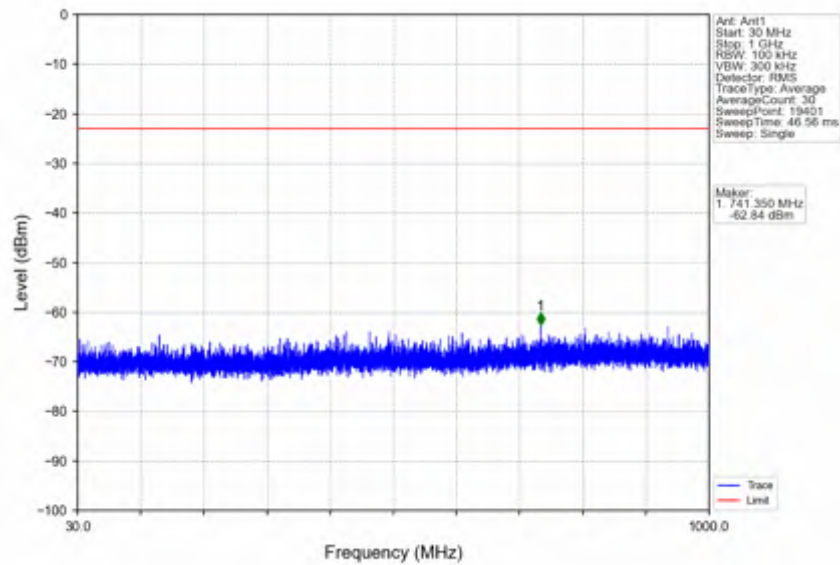
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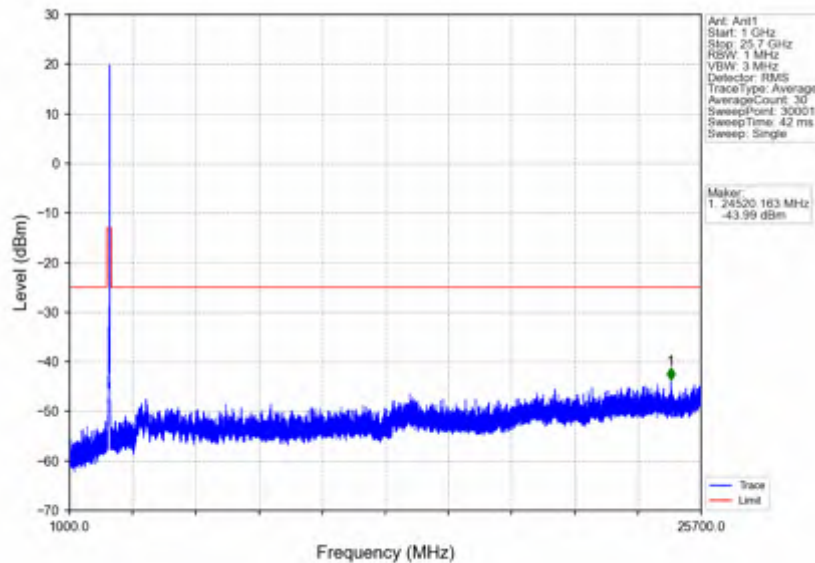
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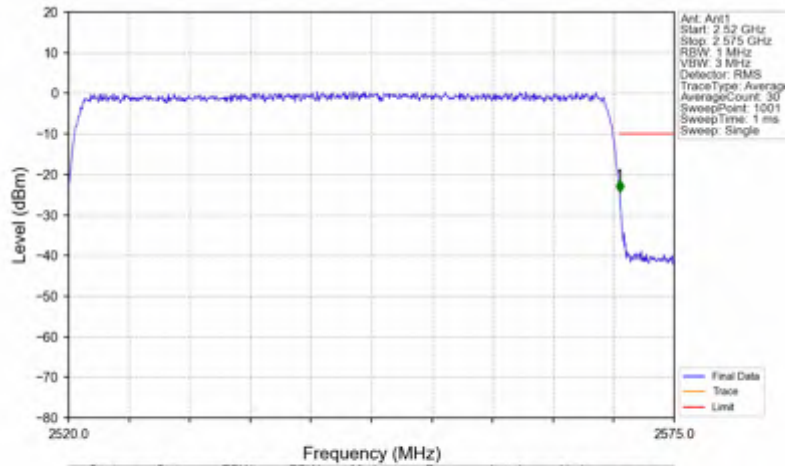
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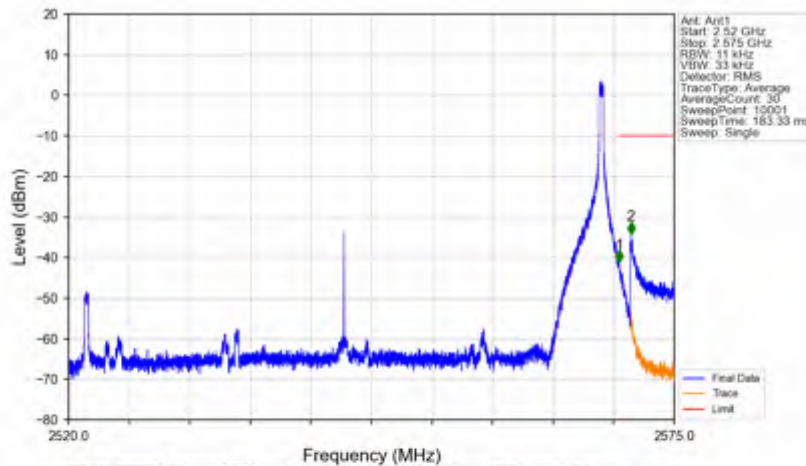
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n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2545MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	1	0	/	/	/	/	/
2570	2575	1	0	1	2570.050	-24.50	-10	Pass

n7_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2545MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	0.011	0	/	/	/	/	/
2570	2571	0.011	0	1	2570.023	-41.15	-10	Pass
2571	2575	1	19.59	2	2571.073	-34.23	-10	Pass



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4. n25 Spurious Emission

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n25 SCS=15kHz SISO 5MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	1852.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	1852.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
1912.5	Outer_Full	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	



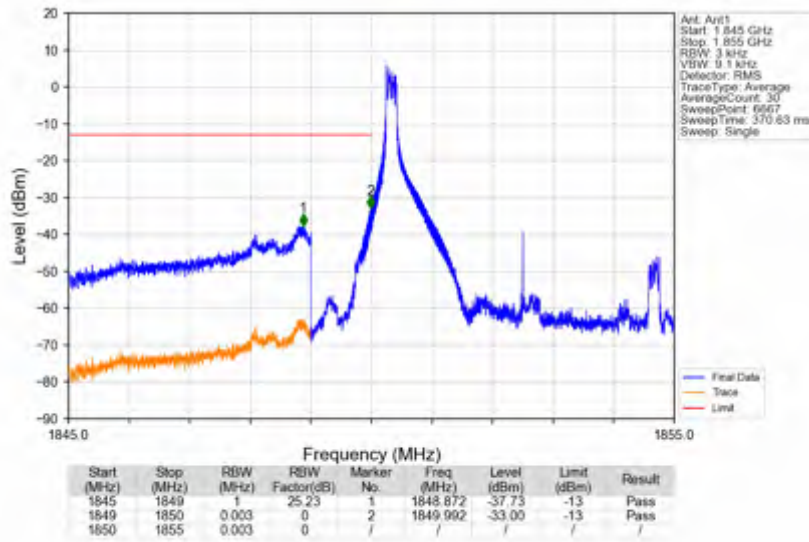
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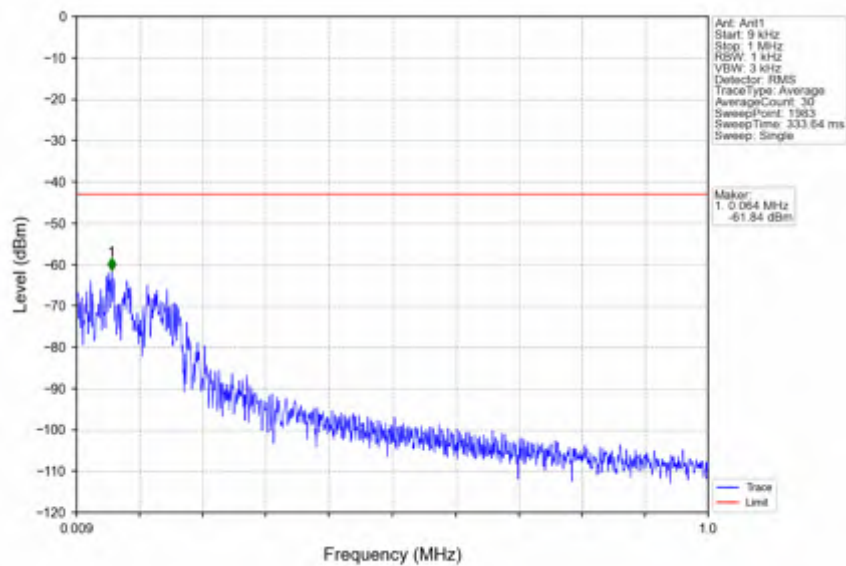
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4.1.2 Test Graph

n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1852.5MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_1852.5MHz_Edge_1RB_Left



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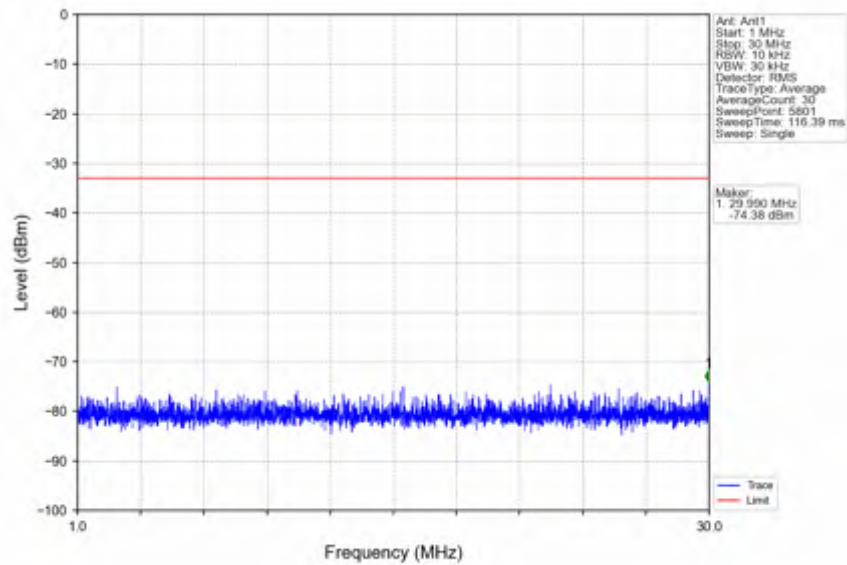
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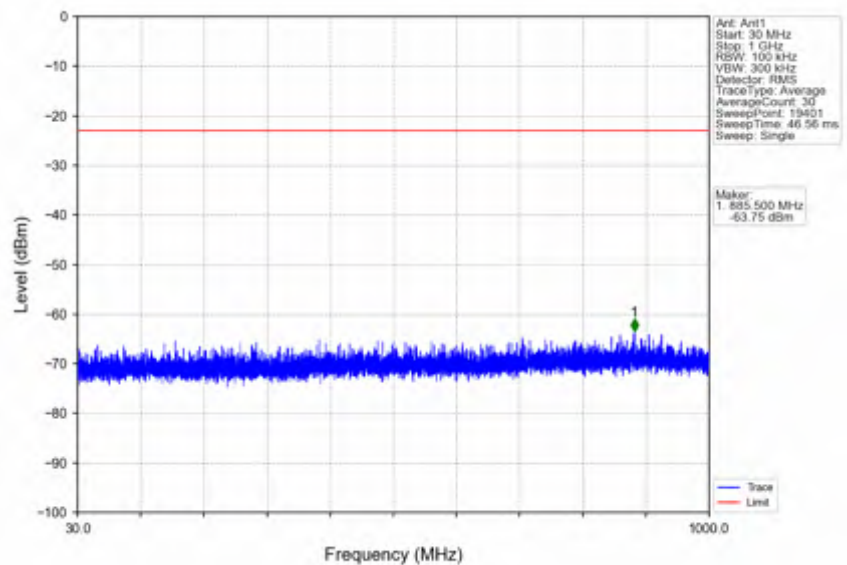
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Edge_1RB_Left



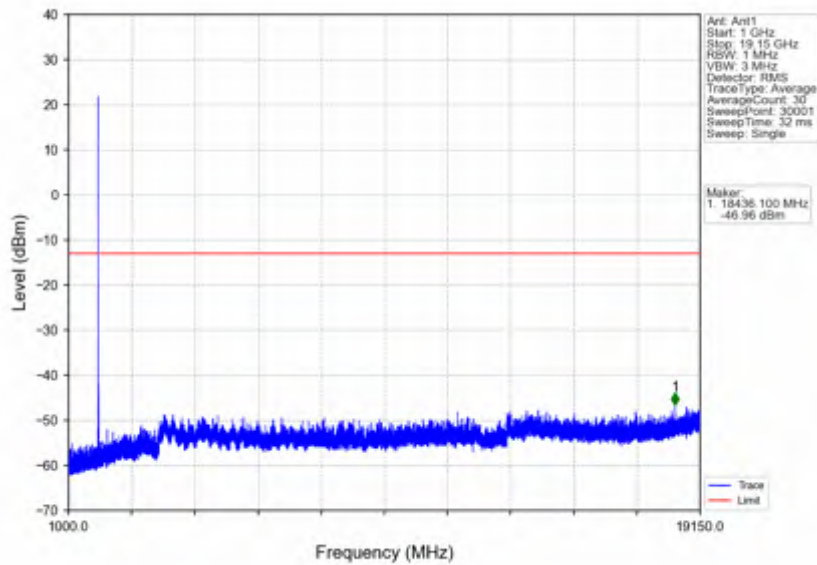
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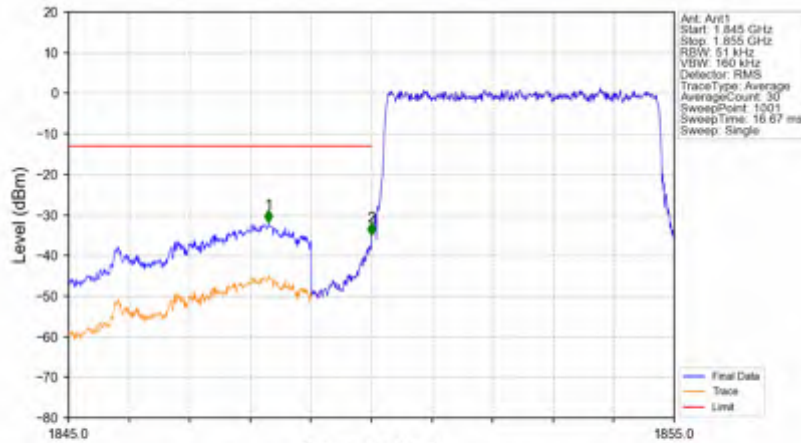
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	12.92	1	1848.300	-31.92	-13	Pass
1849	1850	0.051	0	2	1850.000	-35.10	-13	Pass
1850	1855	0.051	0	/	/	/	/	/



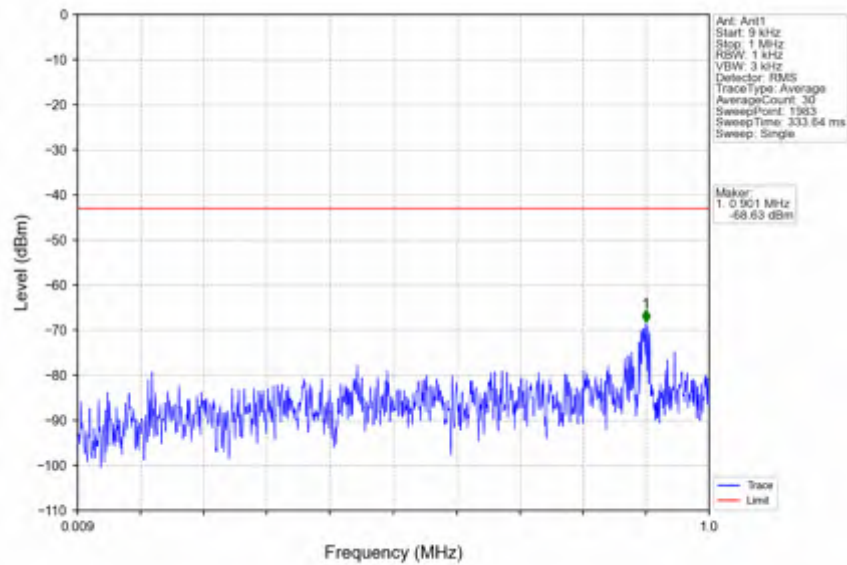
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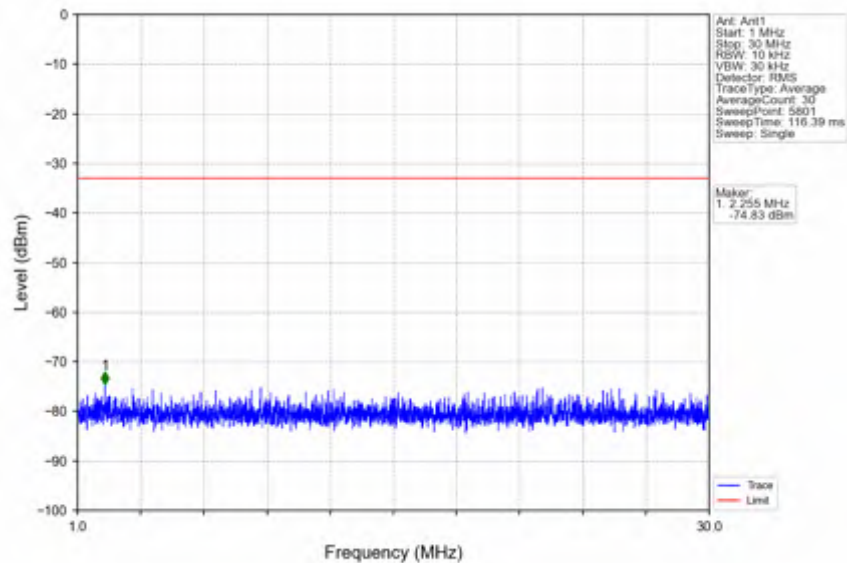
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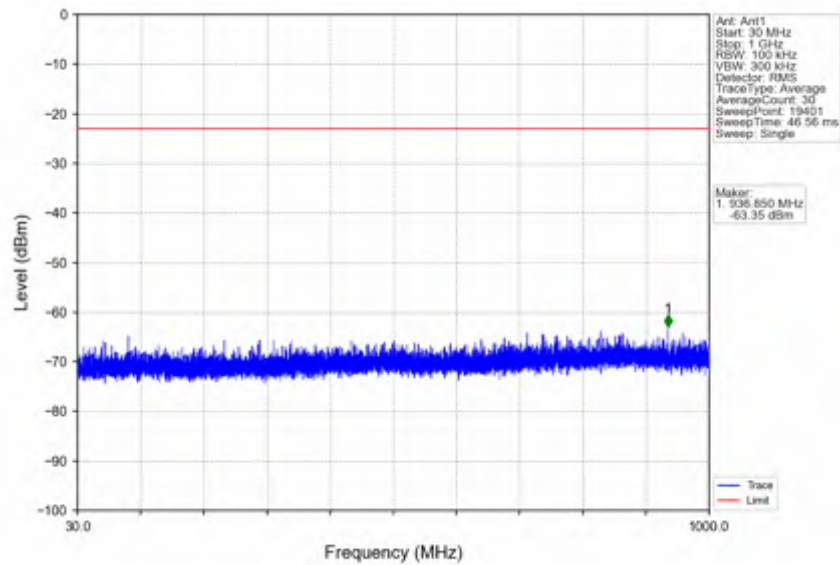
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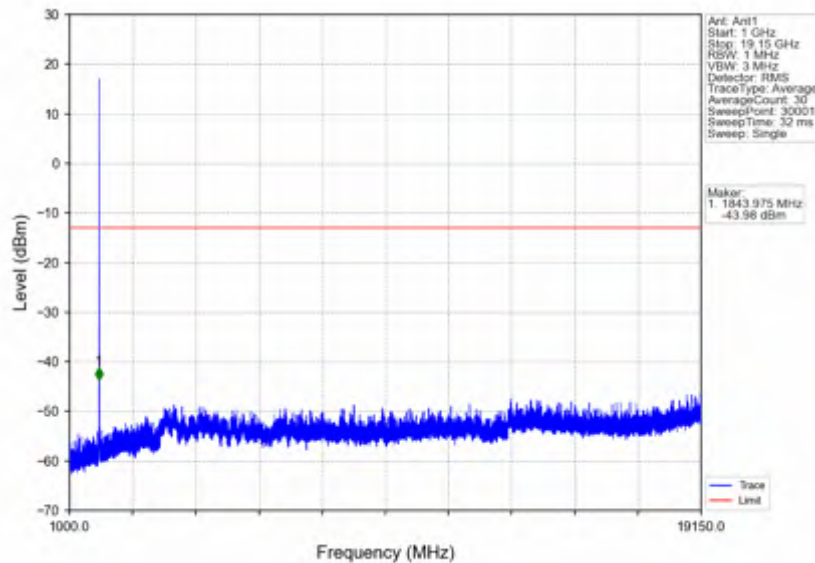
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1852.5MHz_Outer_Full



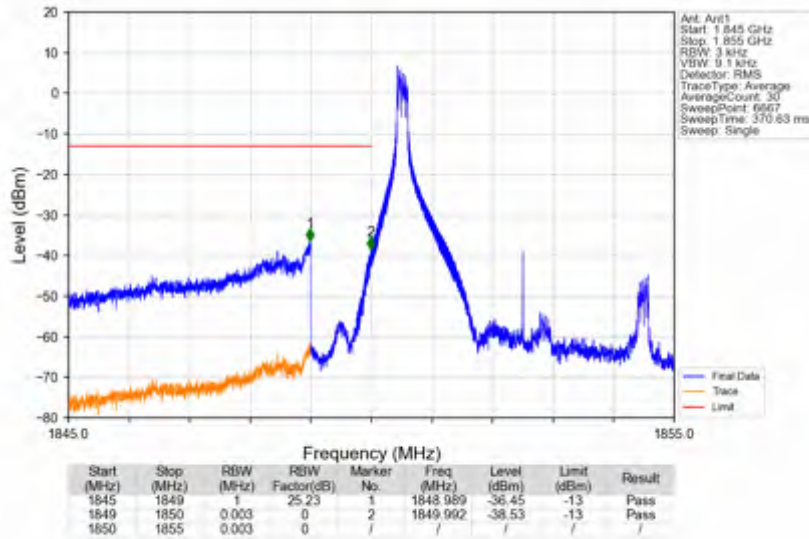
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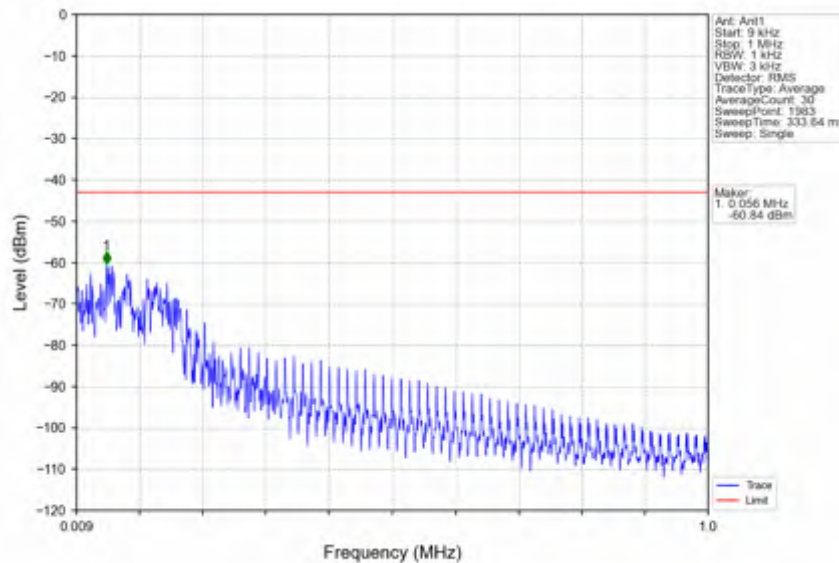
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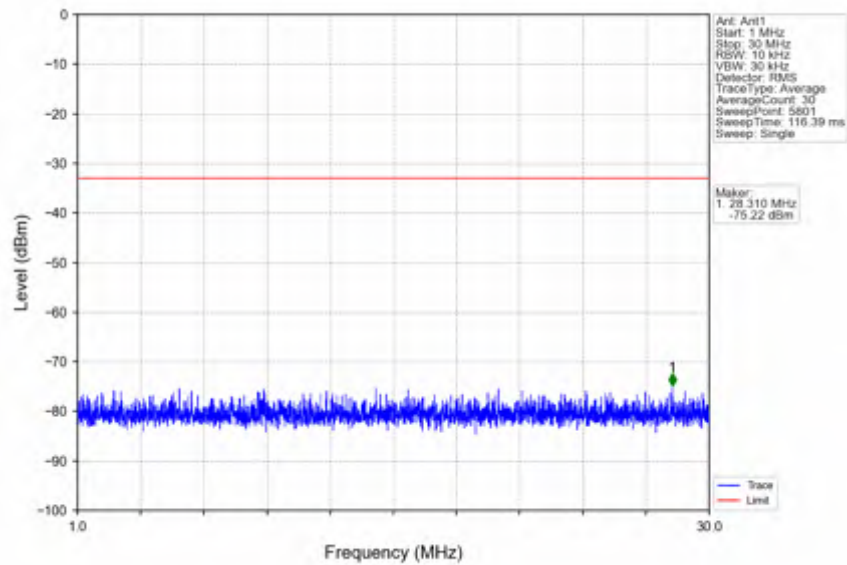


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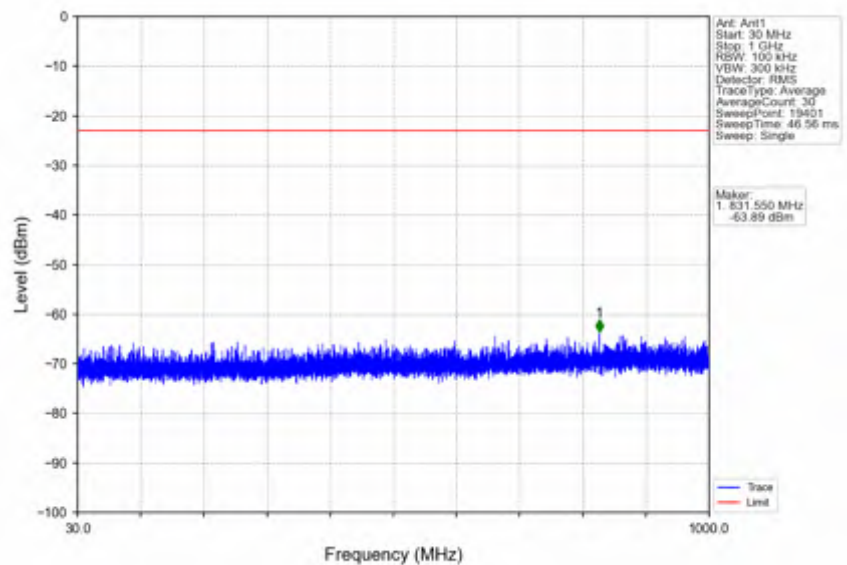
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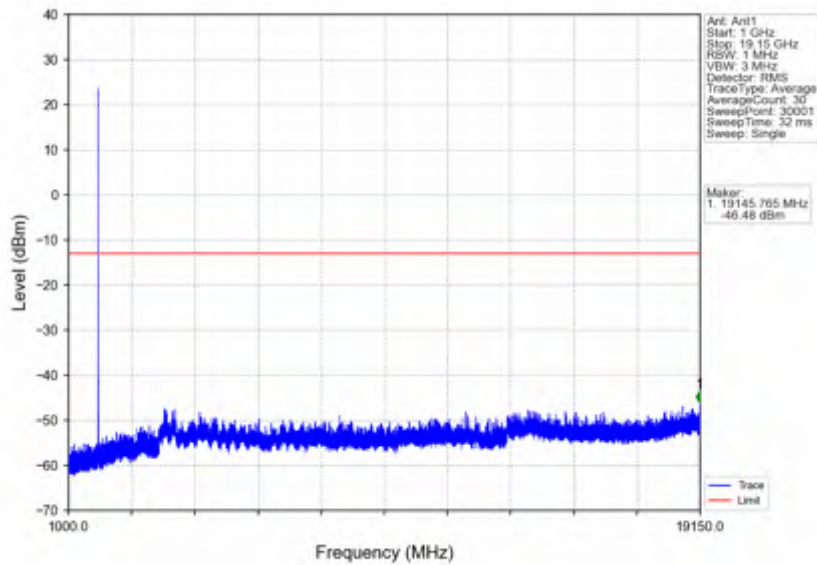
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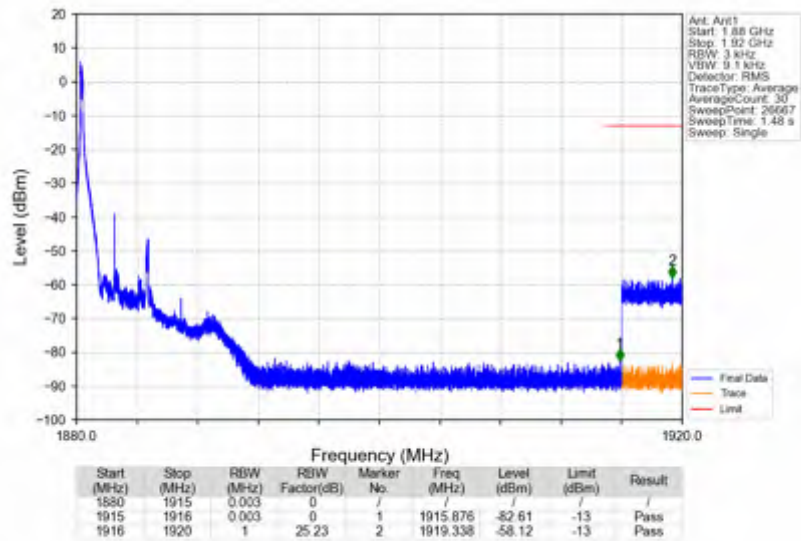
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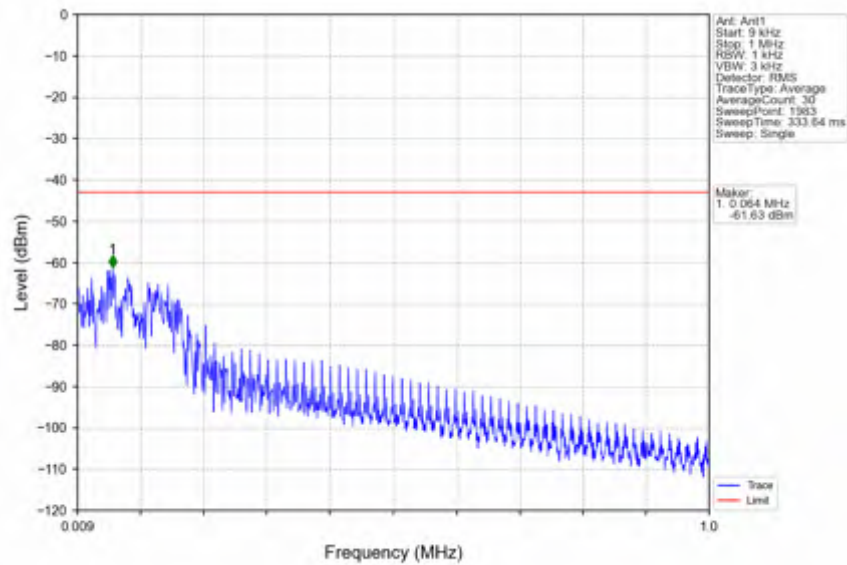


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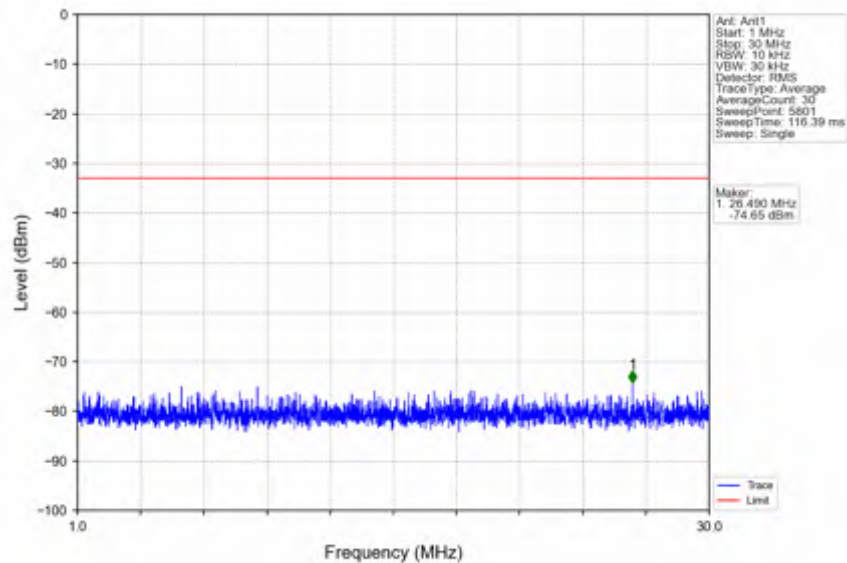
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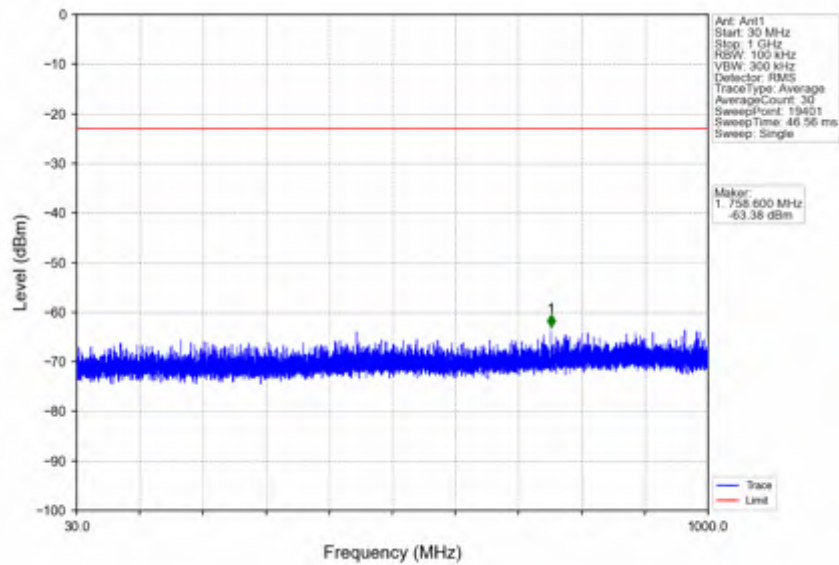
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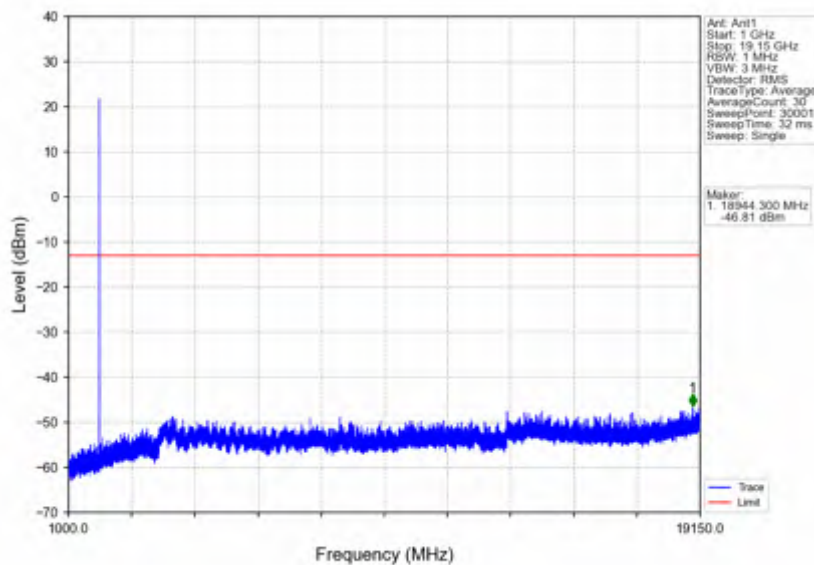
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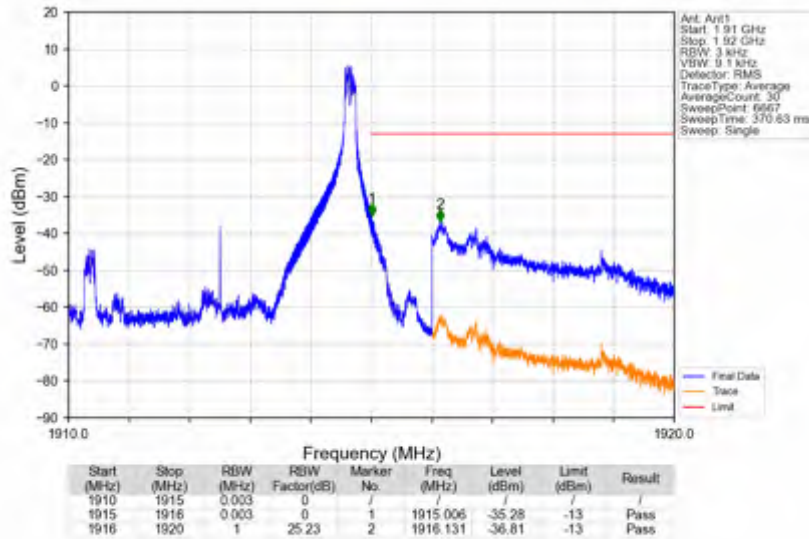
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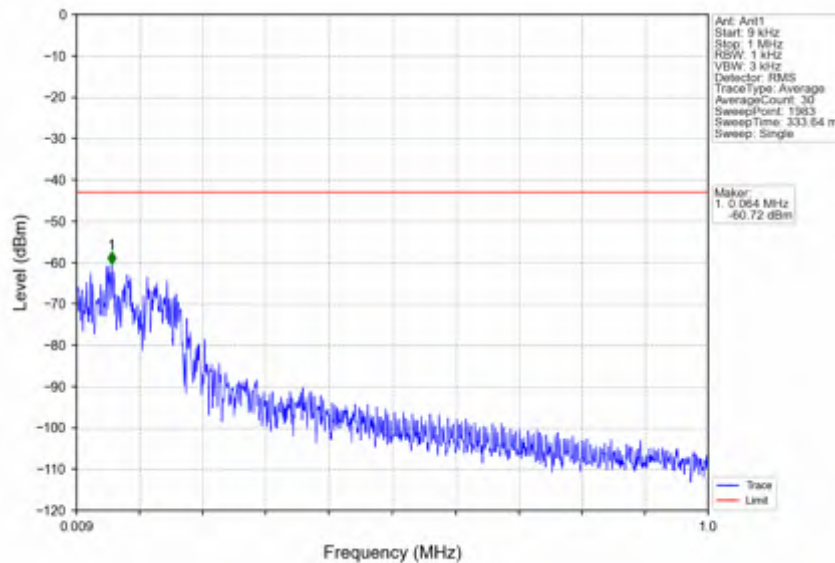
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Edge_1RB_Right

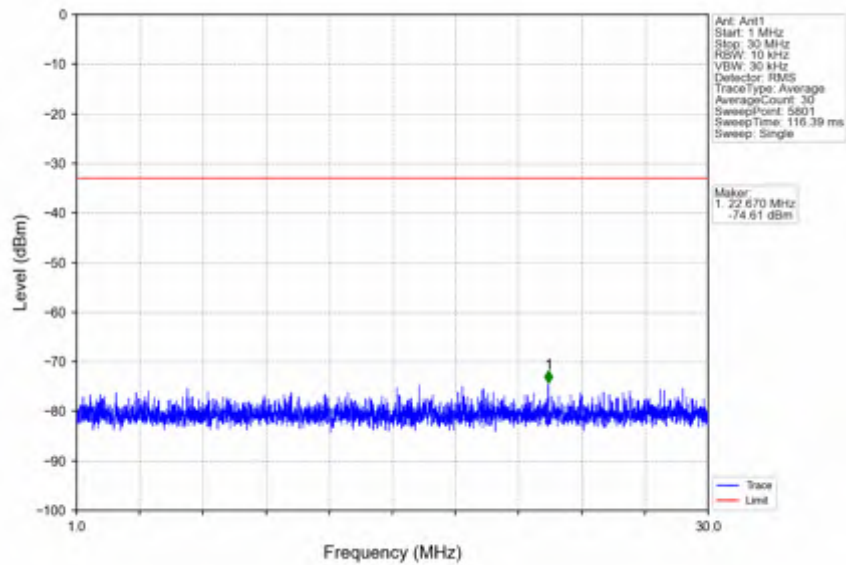


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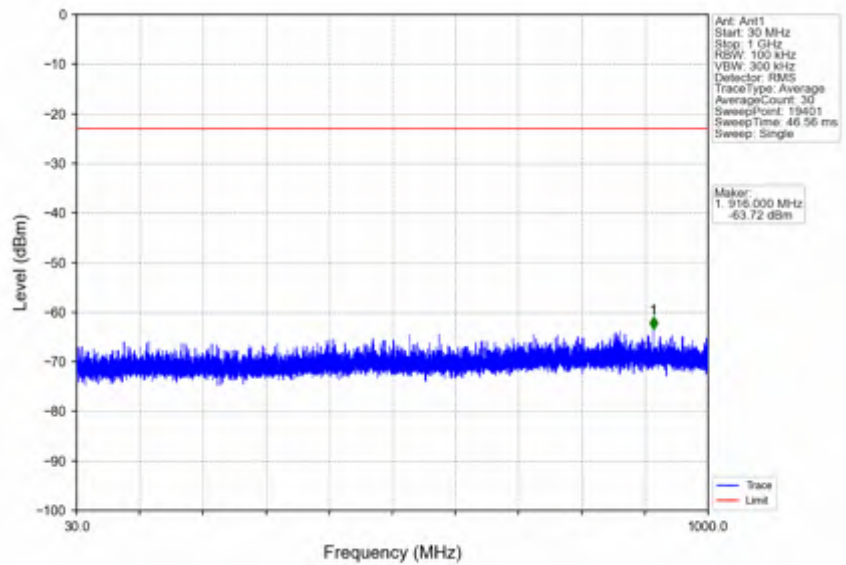
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Edge_1RB_Right



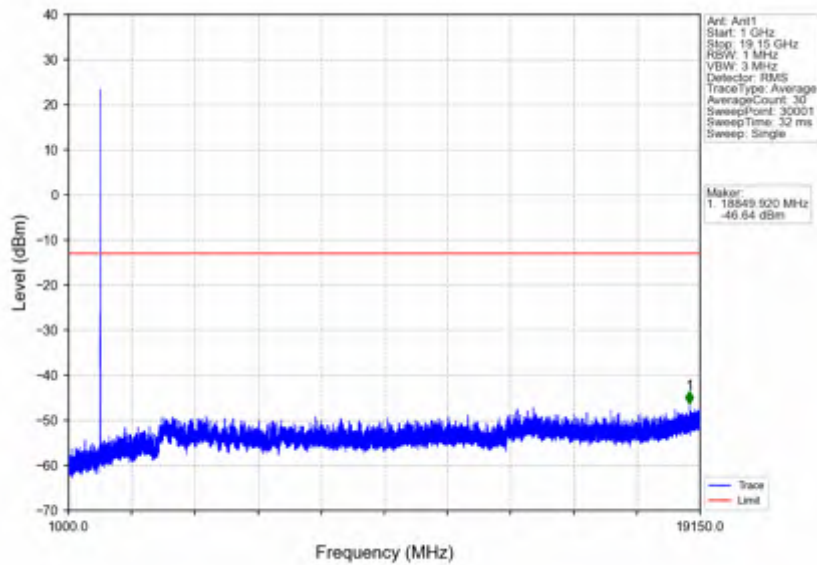
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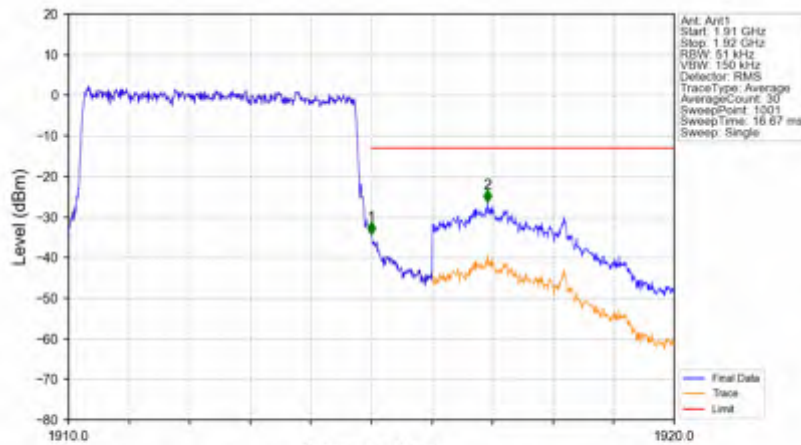
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Edge_1RB_Right



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.051	0	1	1915.000	-34.38	-13	Pass
1915	1920	1	12.92	2	1916.920	-26.43	-13	Pass



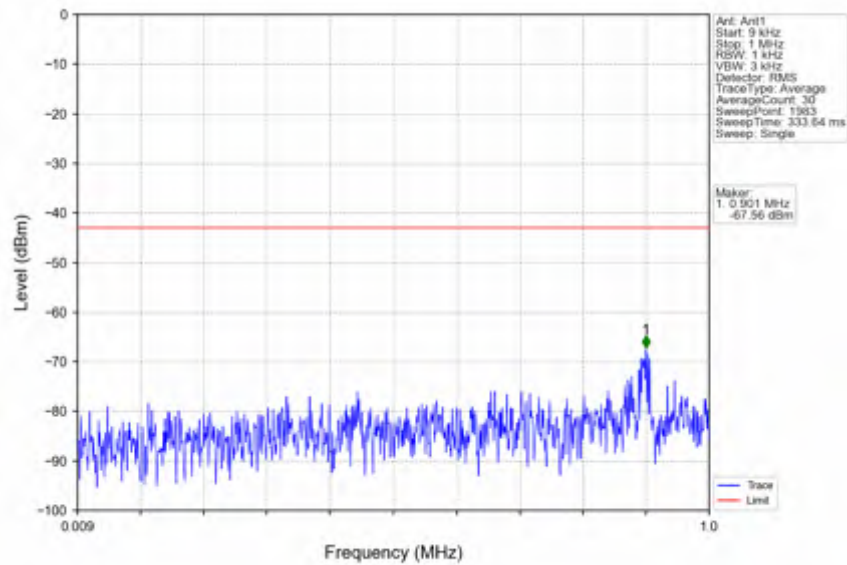
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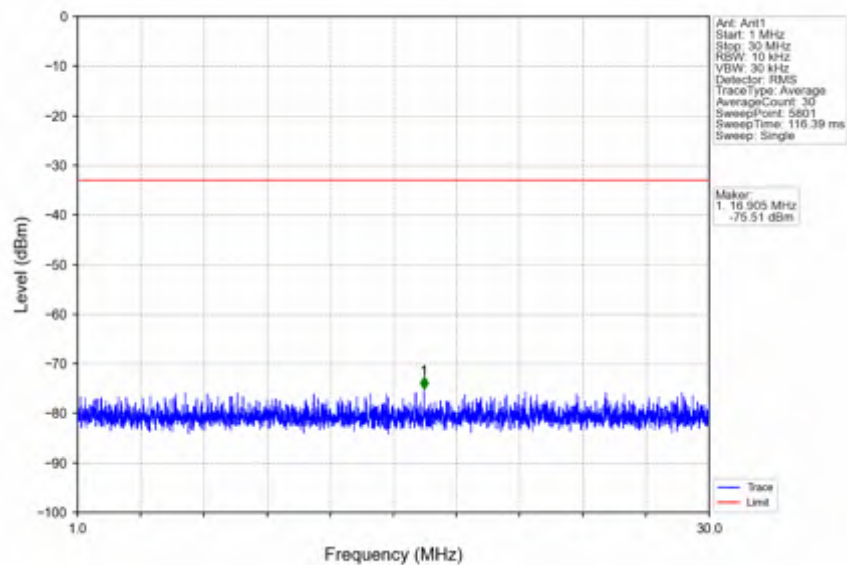
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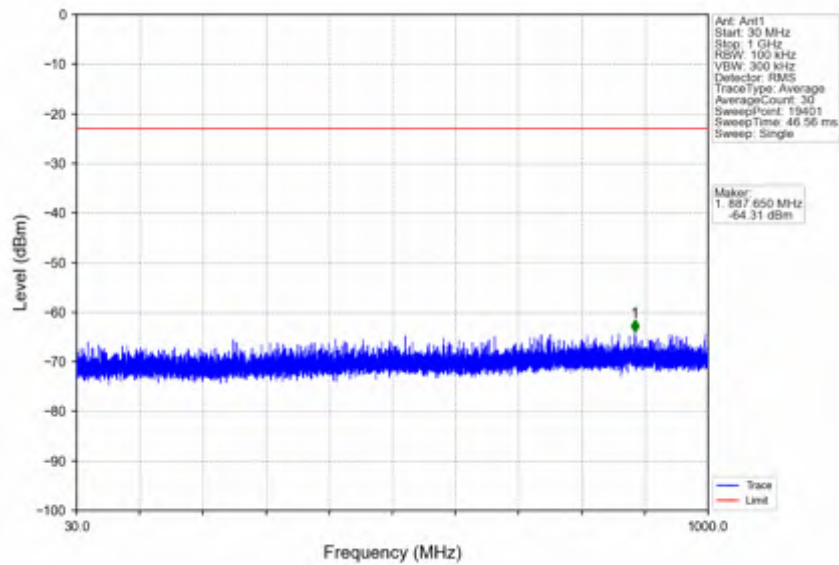
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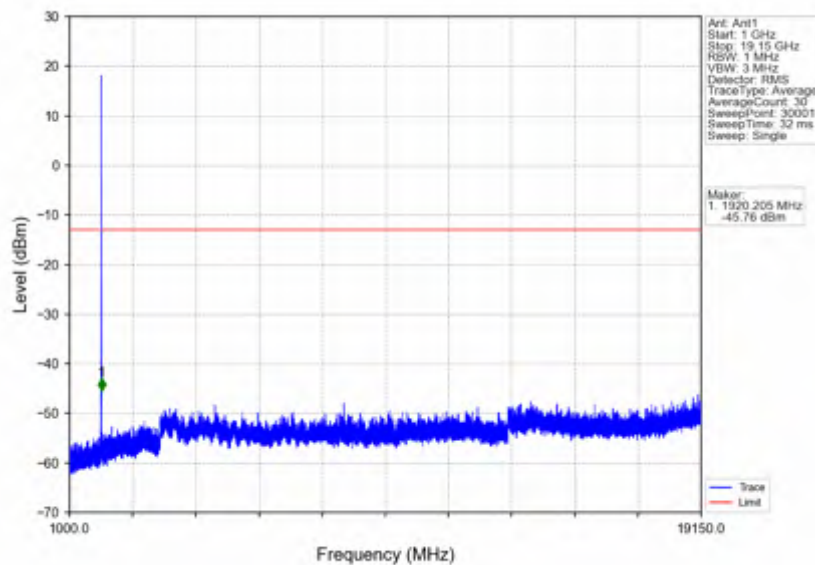
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Outer_Full



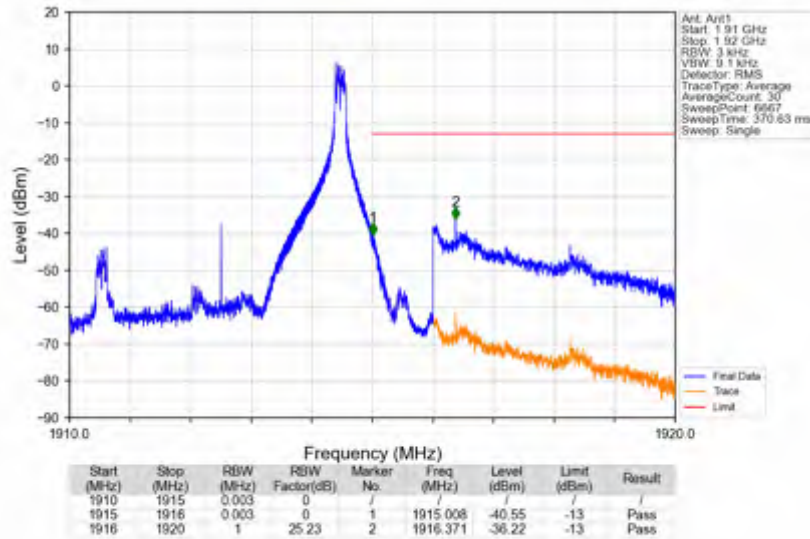
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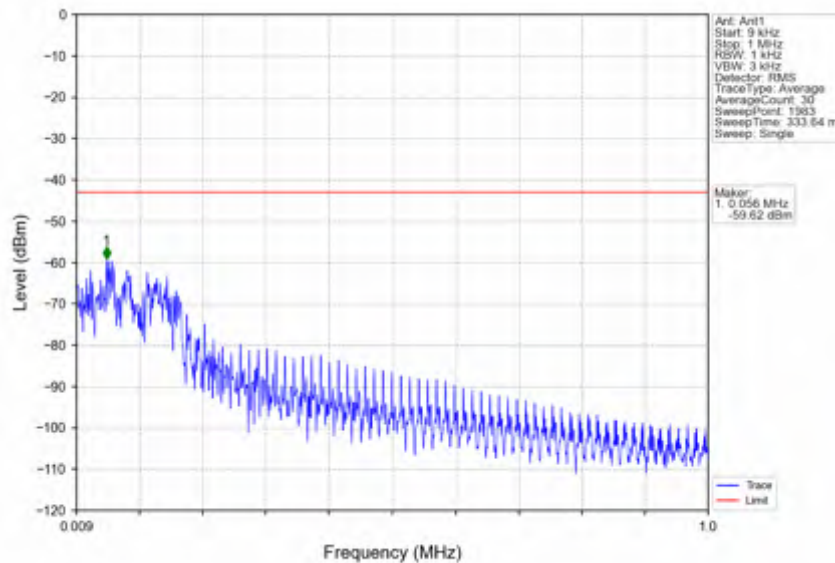
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1912.5MHz_Inner_1RB_Right

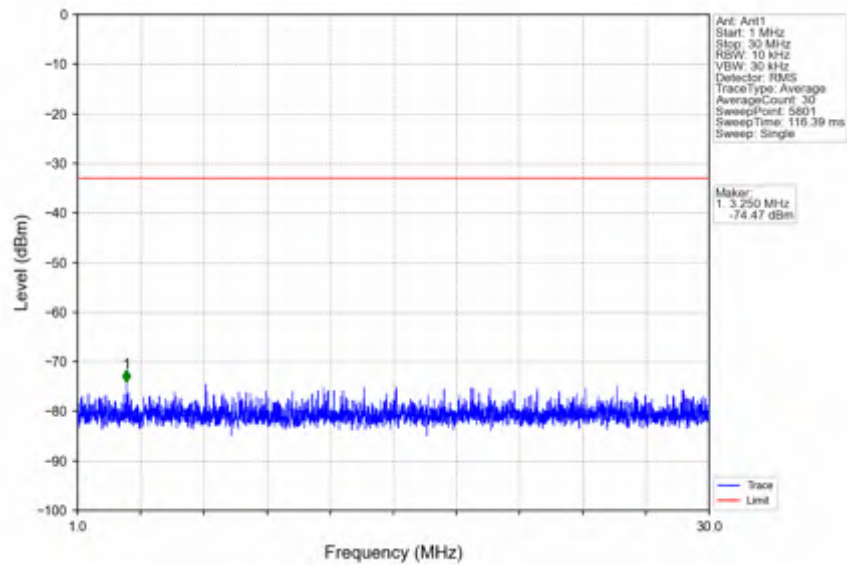


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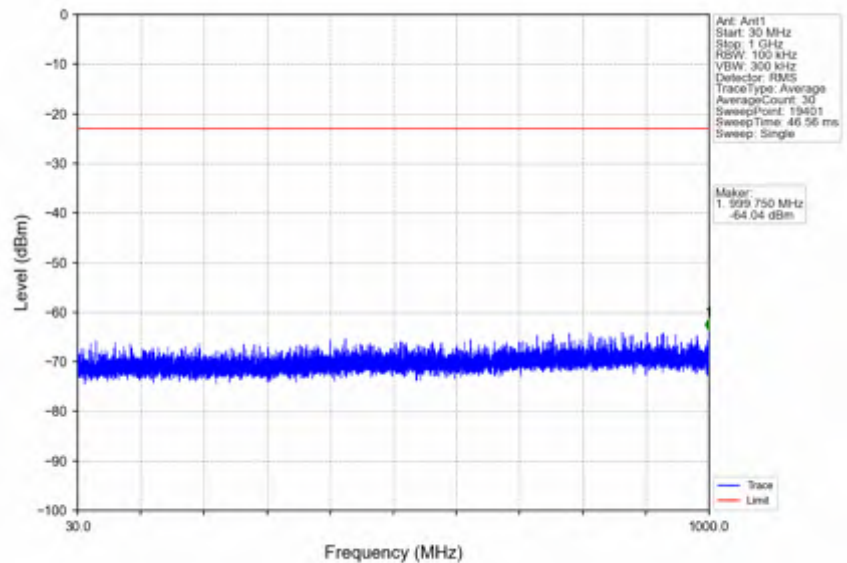
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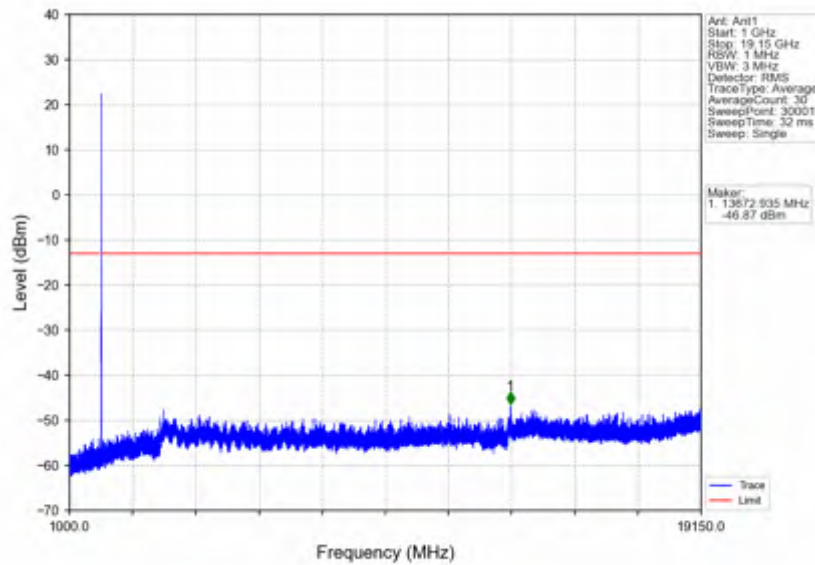
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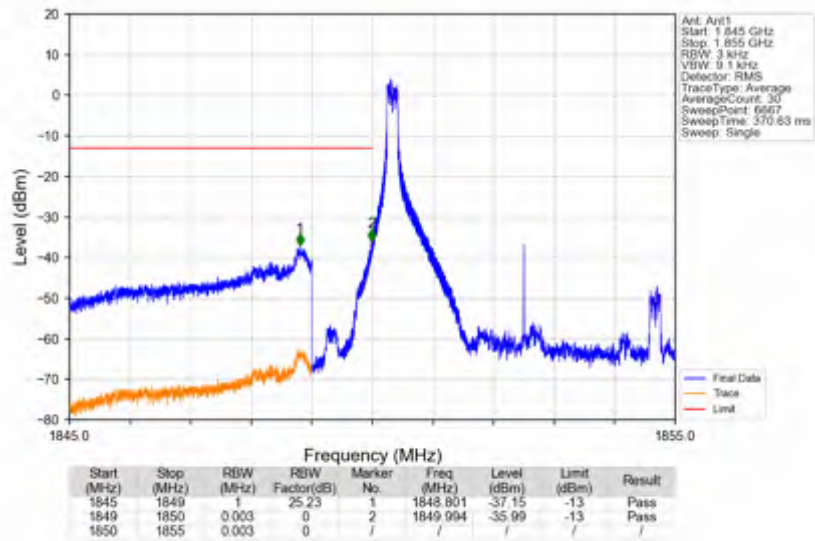
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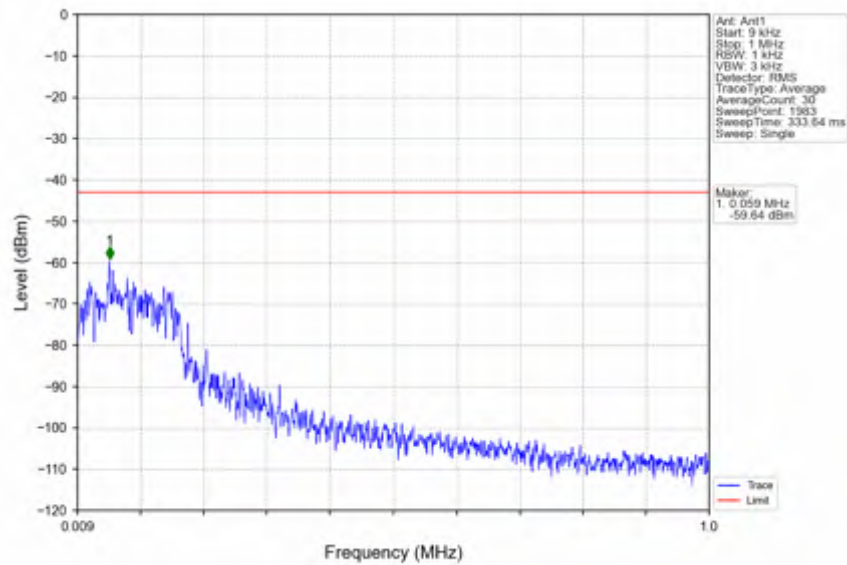
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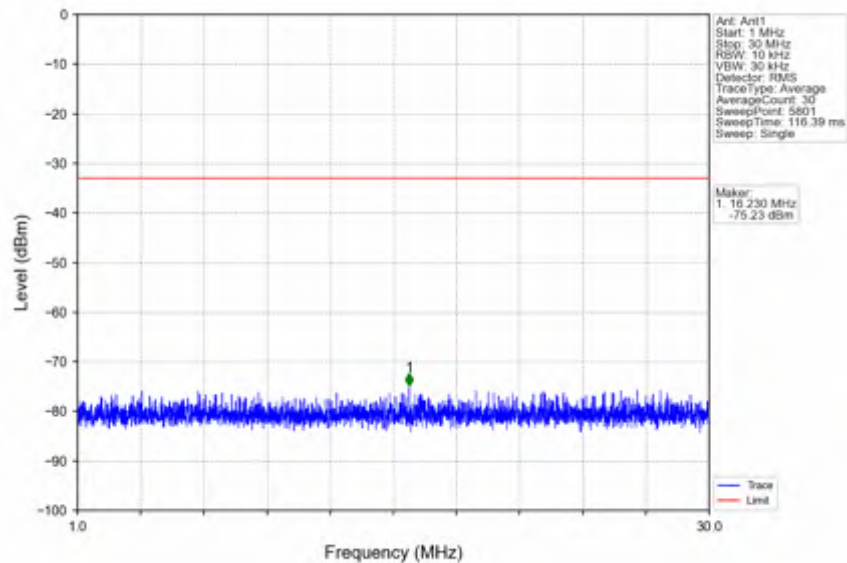
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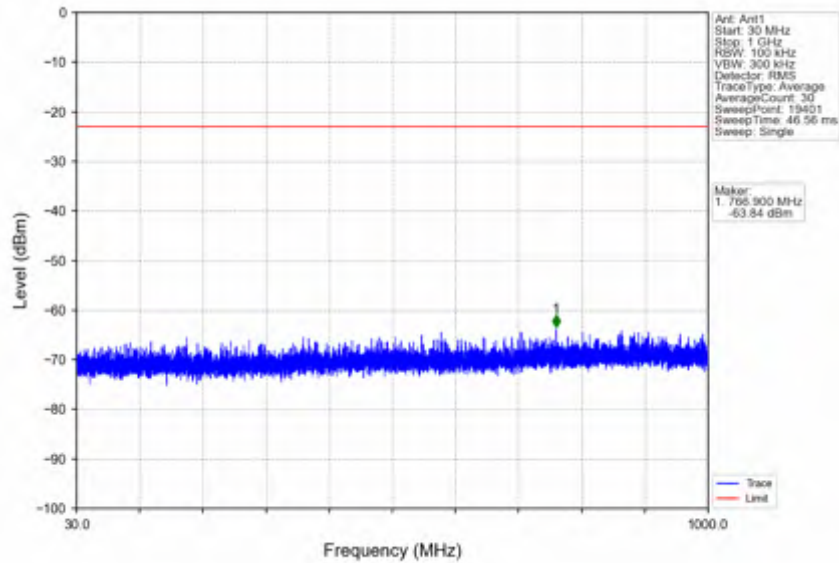
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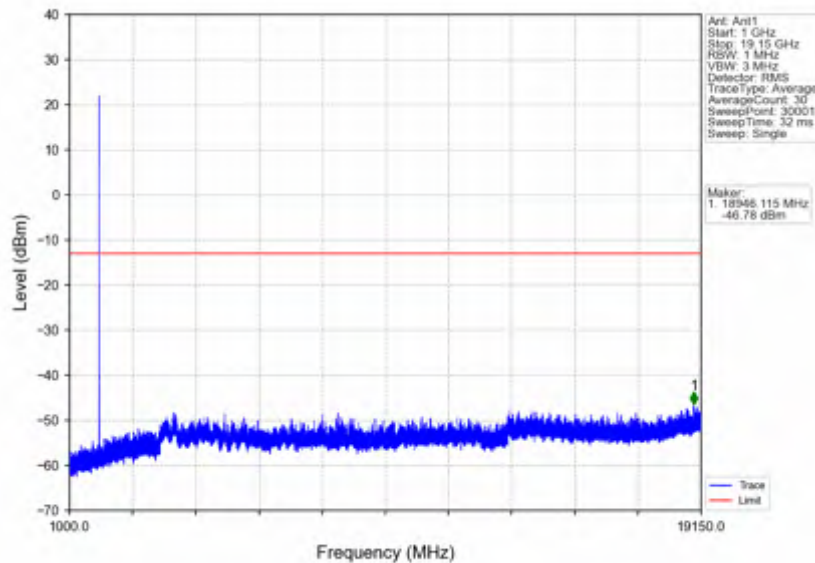
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Edge_1RB_Left



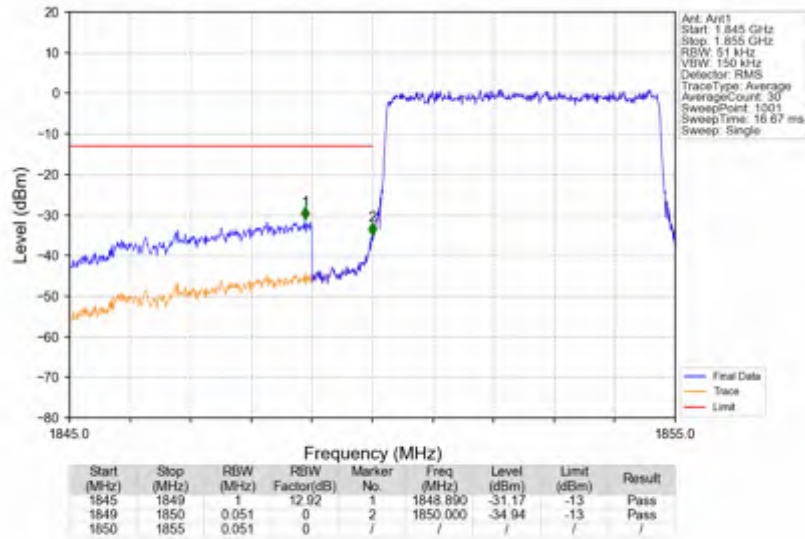
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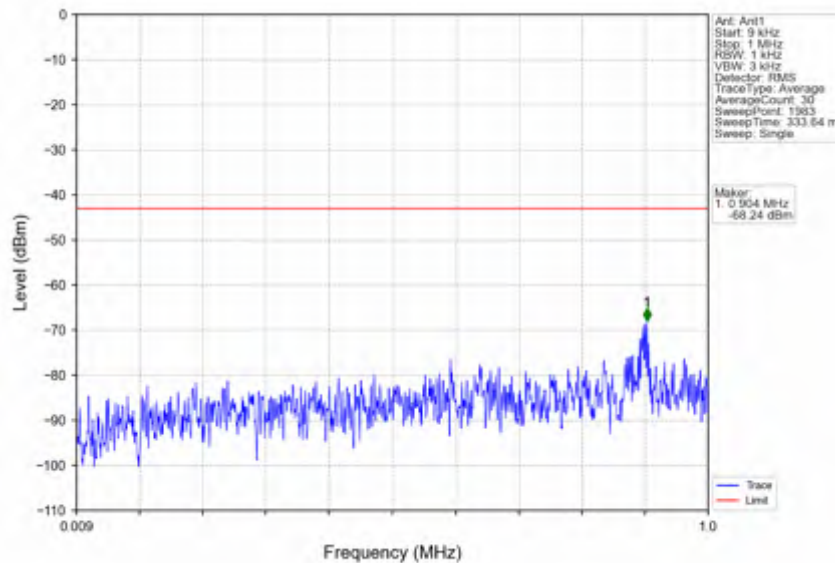
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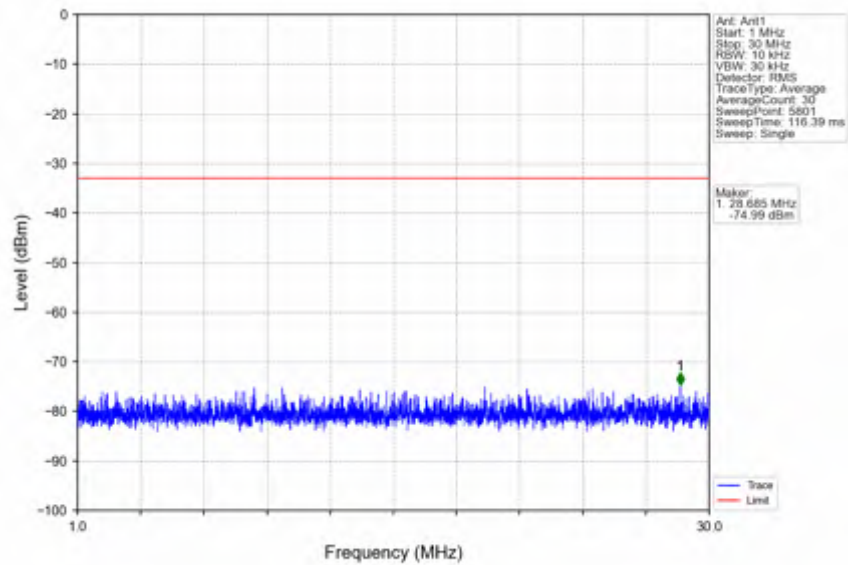


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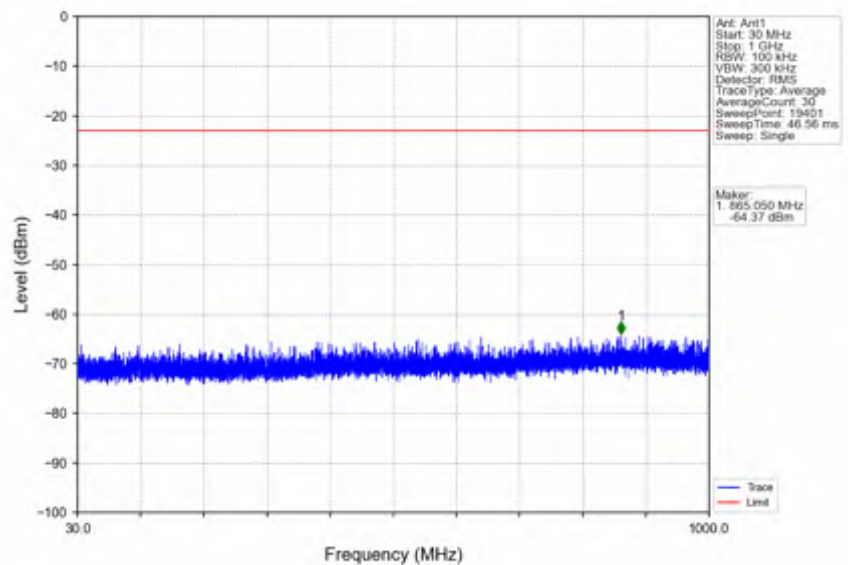
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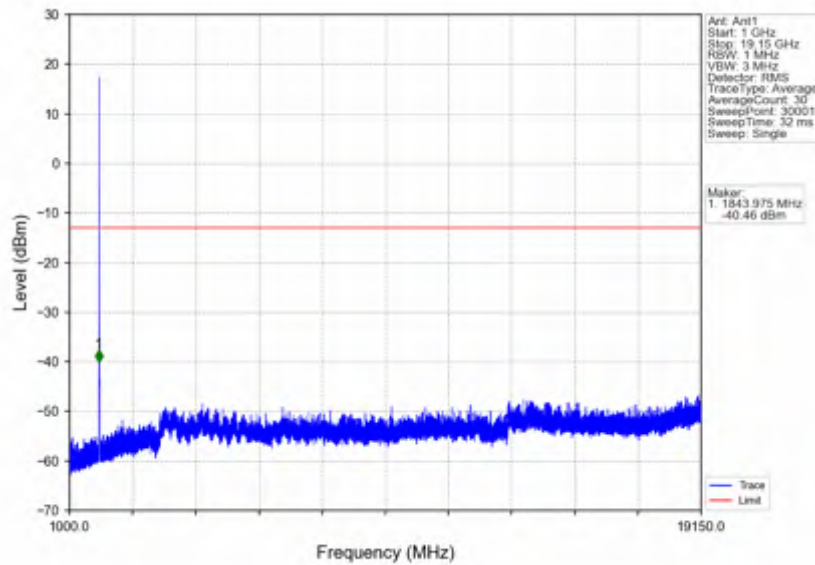


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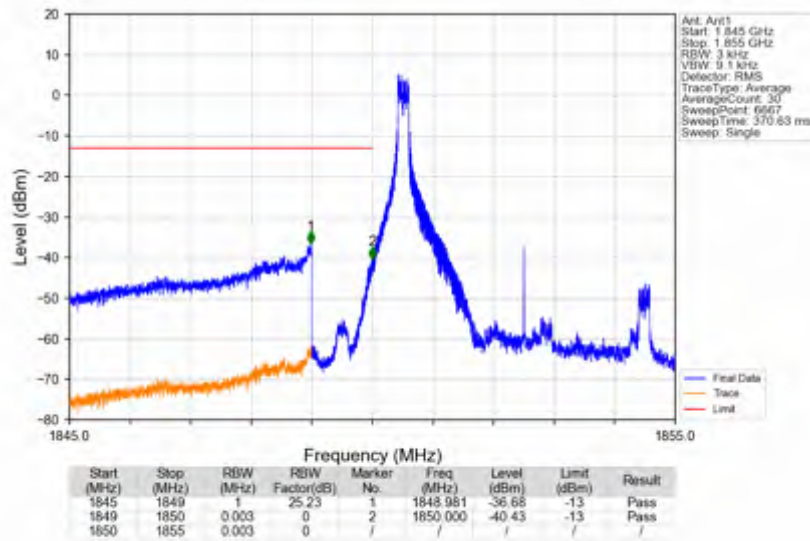
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Outer_Full



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Level (dBm)	Limit (dBm)	Result
1849	1850	0.003	-40.43	-13	Pass
1850	1855	0.003	-	-	-



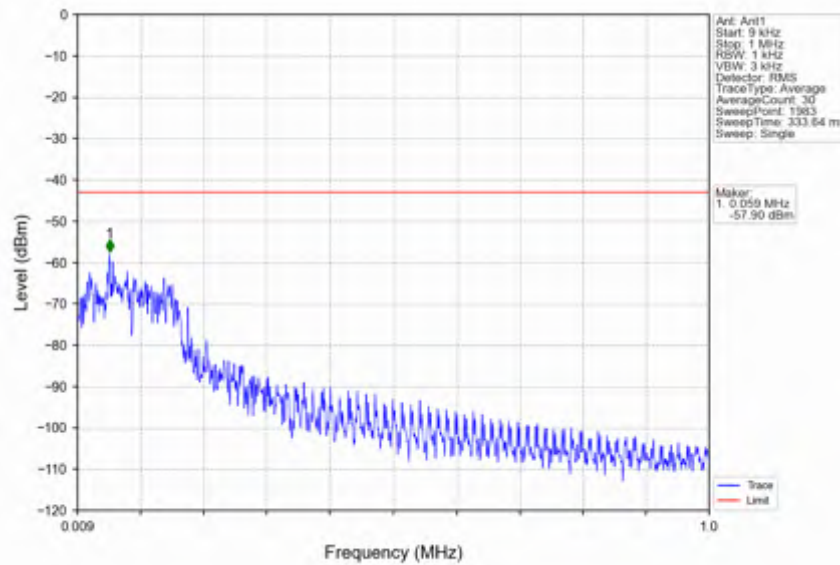
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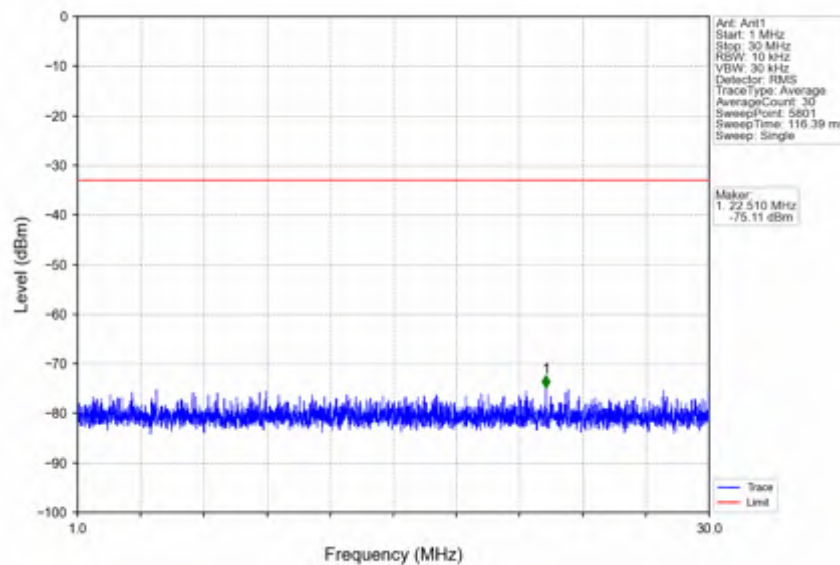
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Inner_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Inner_1RB_Left



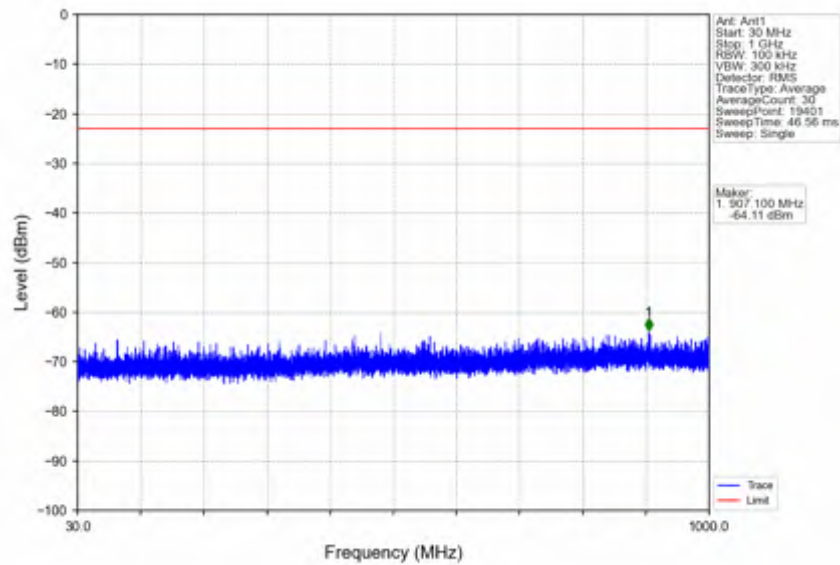
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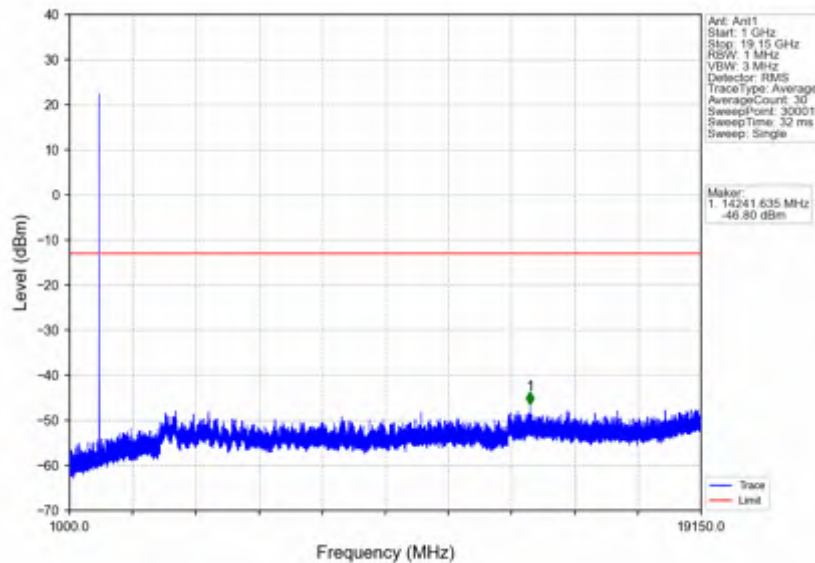
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Inner_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1852.5MHz_Inner_1RB_Left



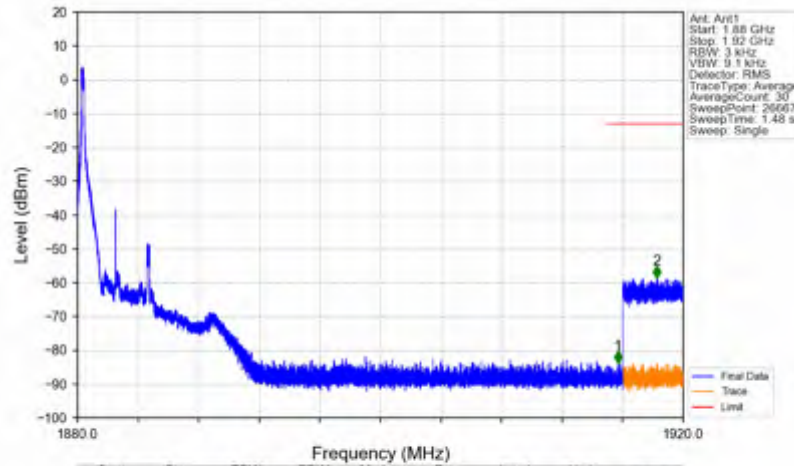
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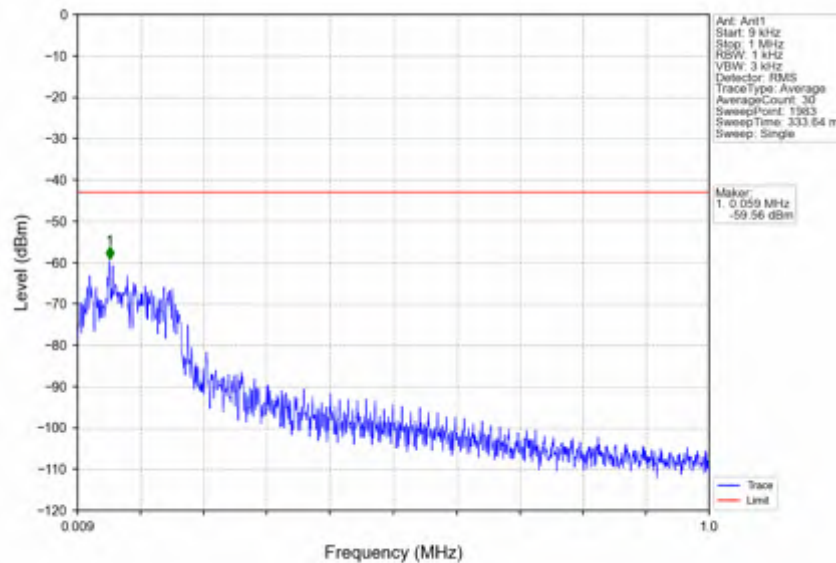
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Edge_1RB_Left



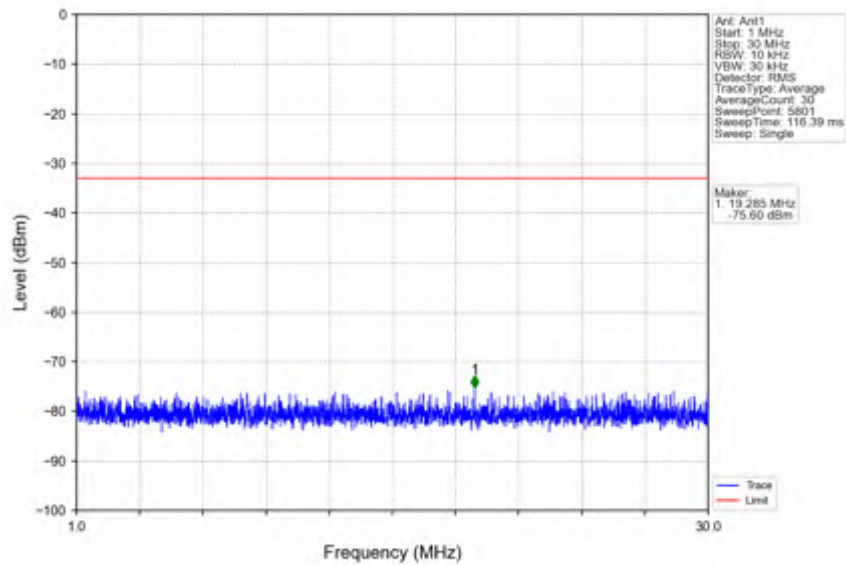
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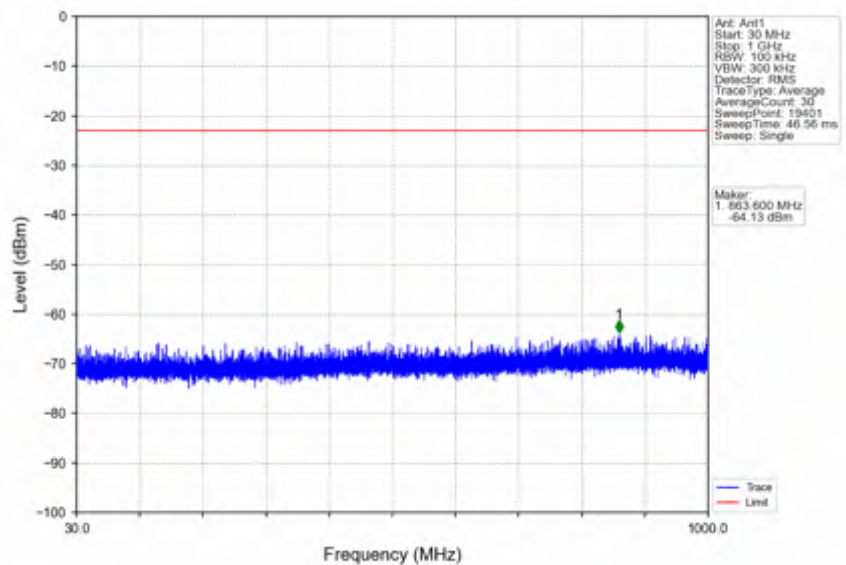
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1882.5MHz_Edge_1RB_Left



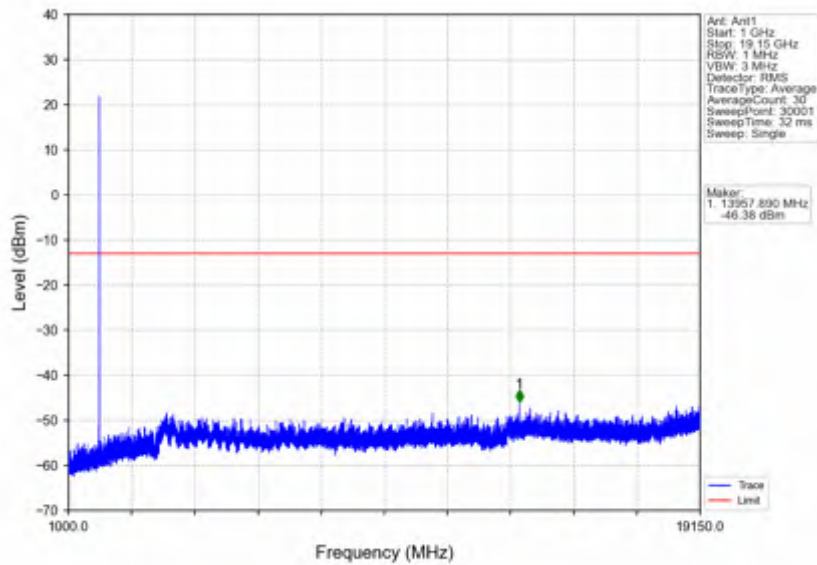
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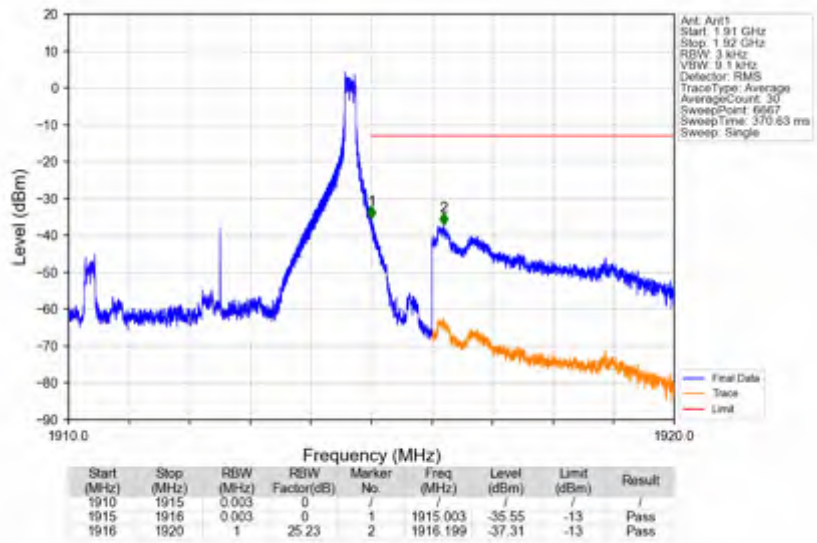
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Edge_1RB_Right



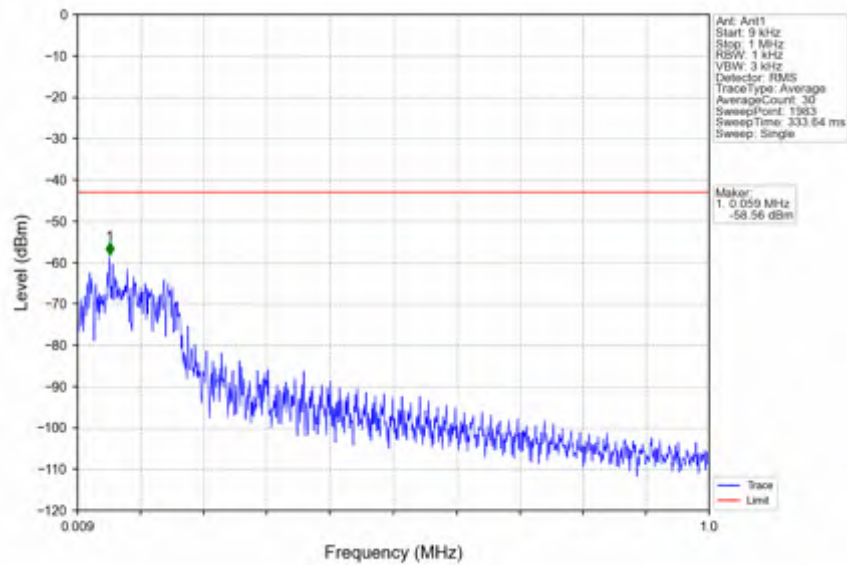
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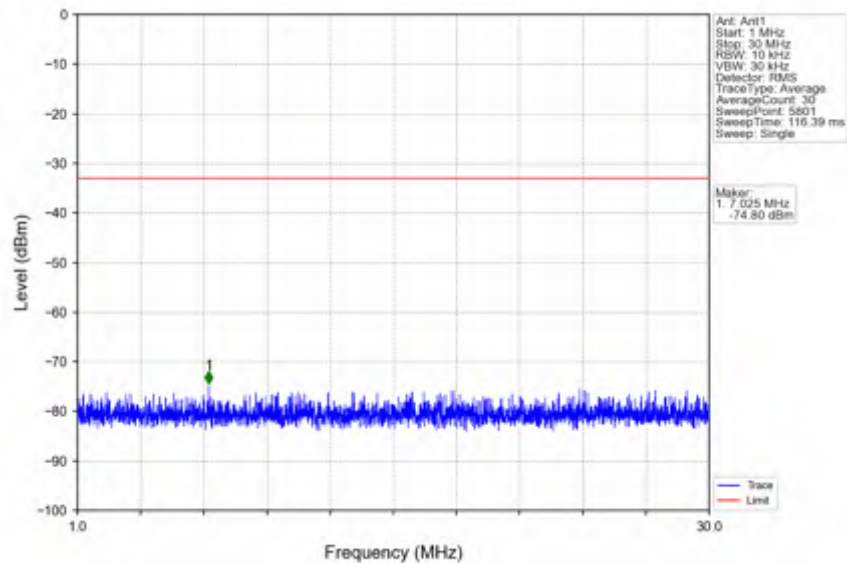
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Edge_1RB_Right



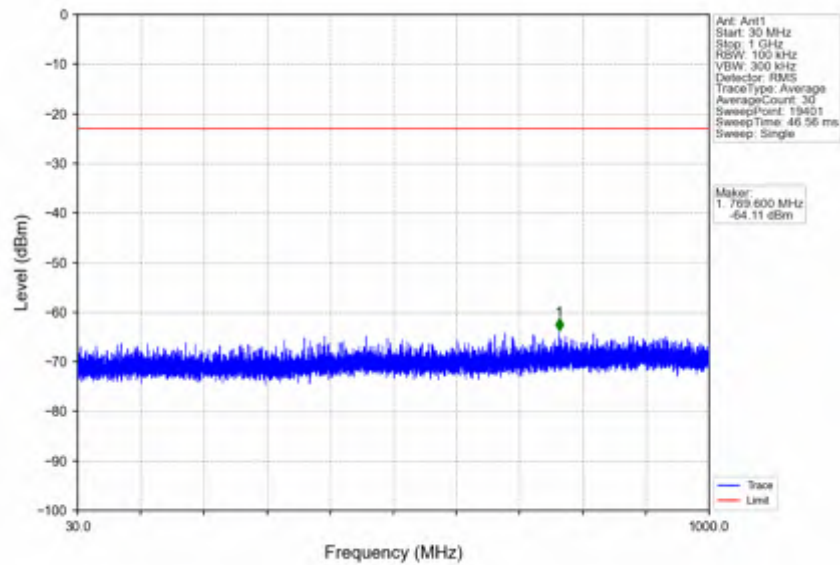
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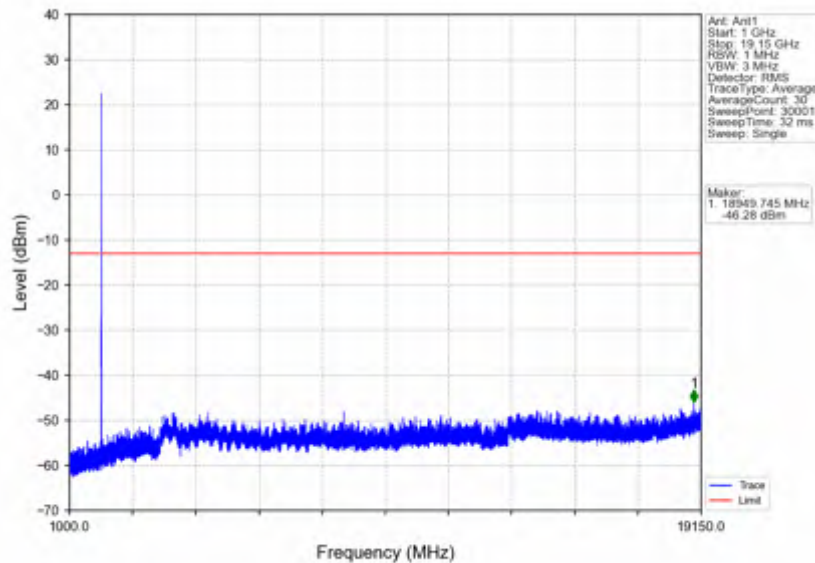
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Edge_1RB_Right



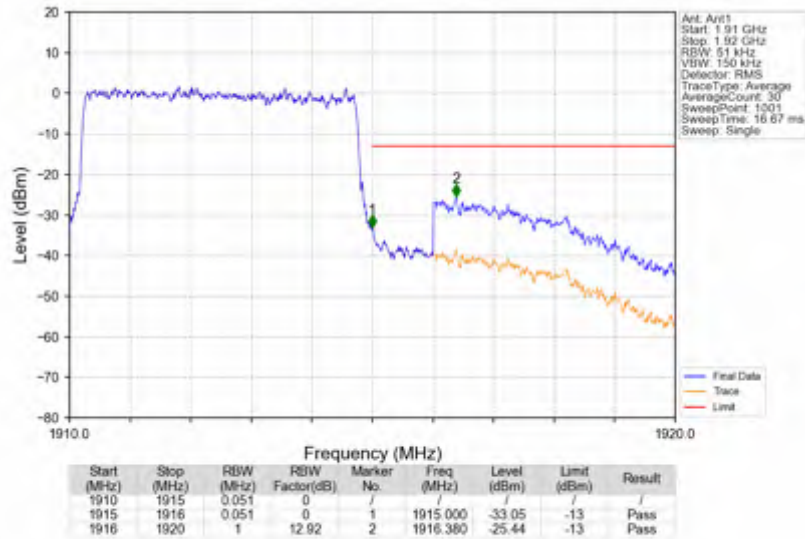
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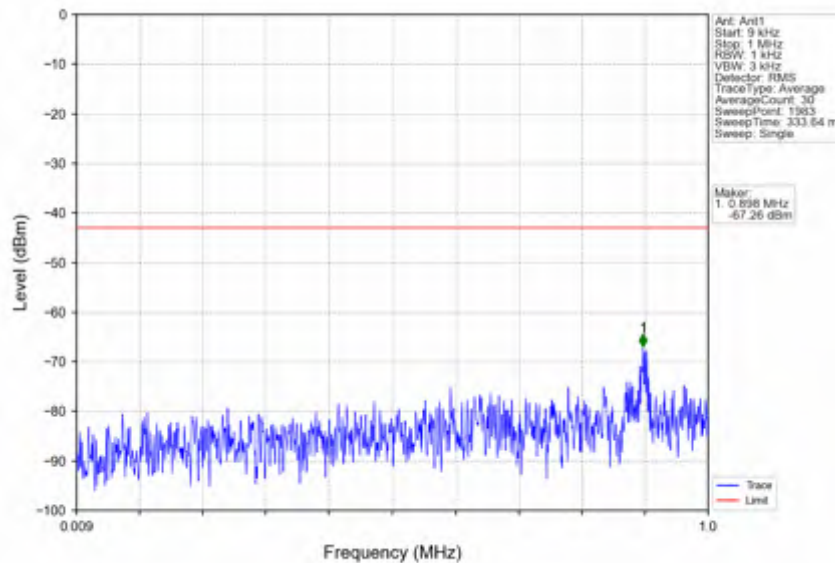
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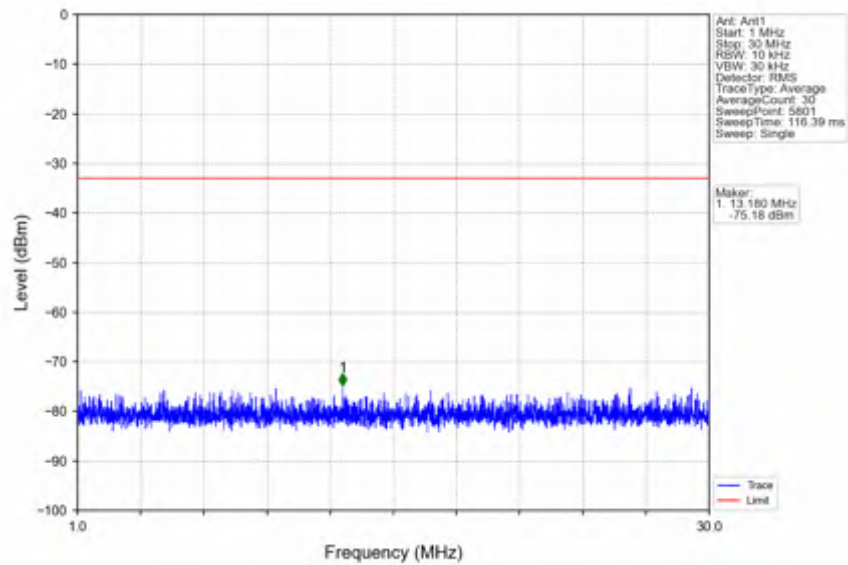


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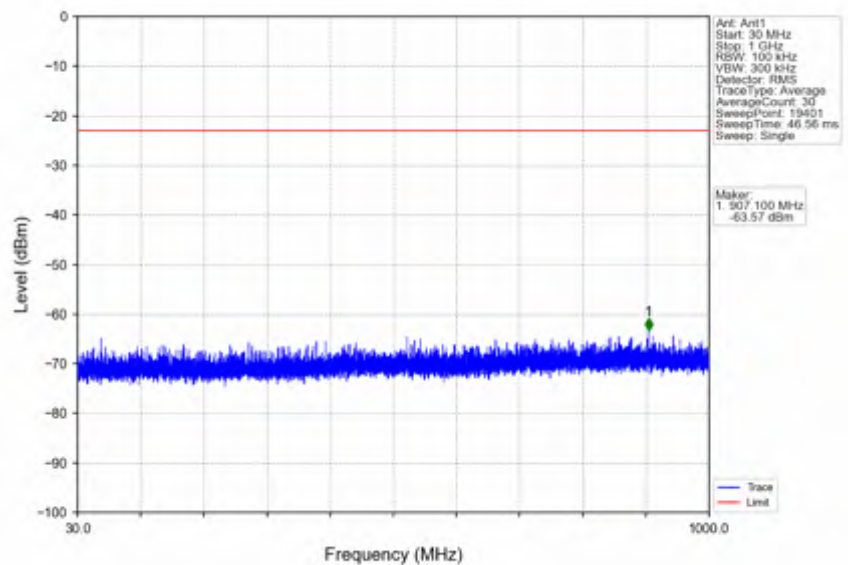
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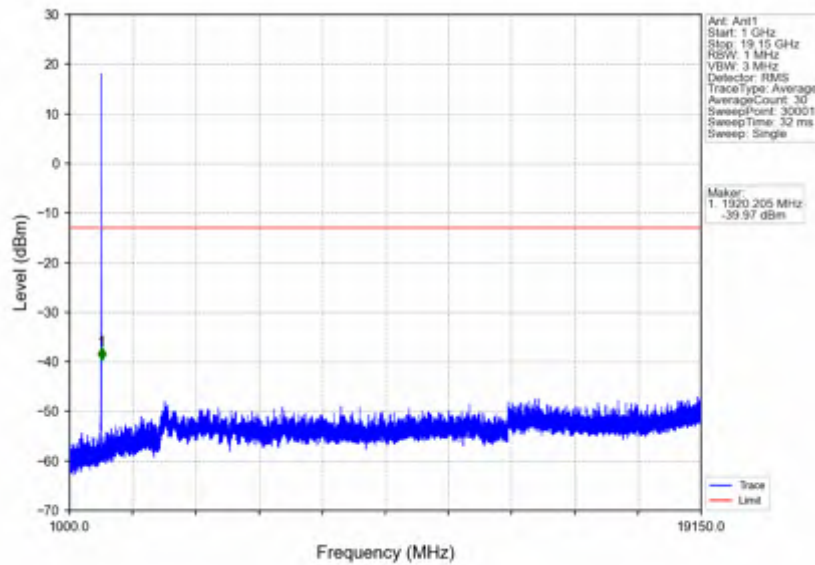
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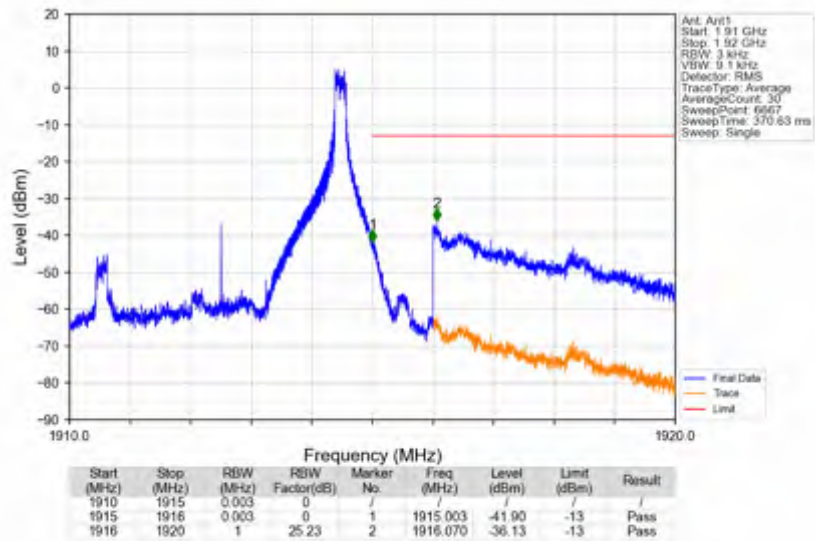
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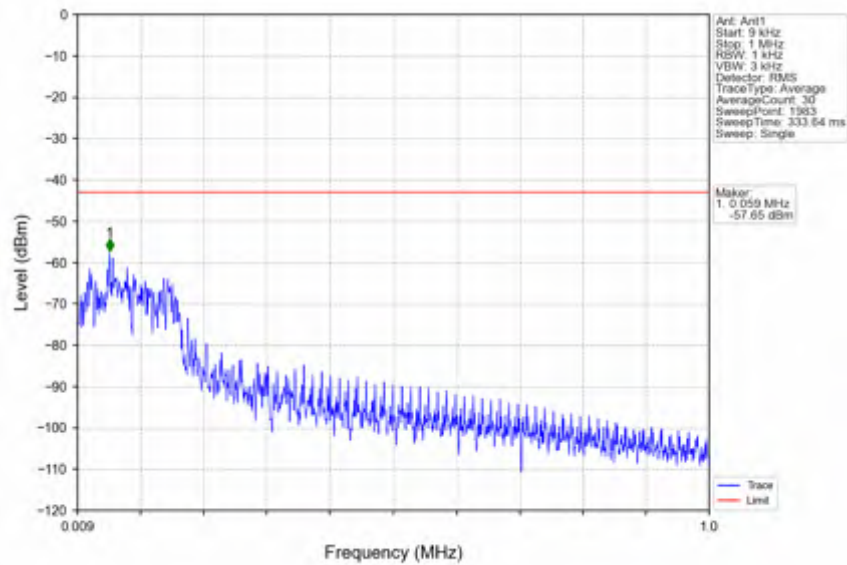


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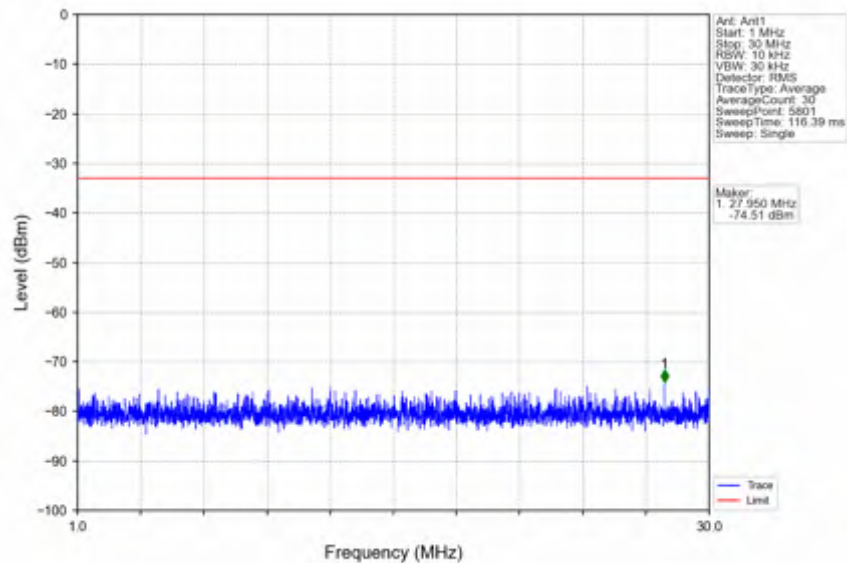
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Inner_1RB_Right



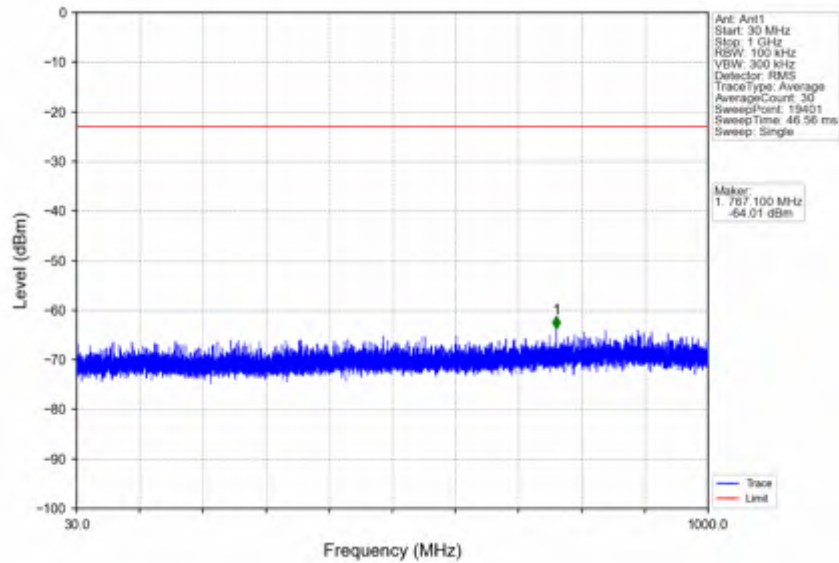
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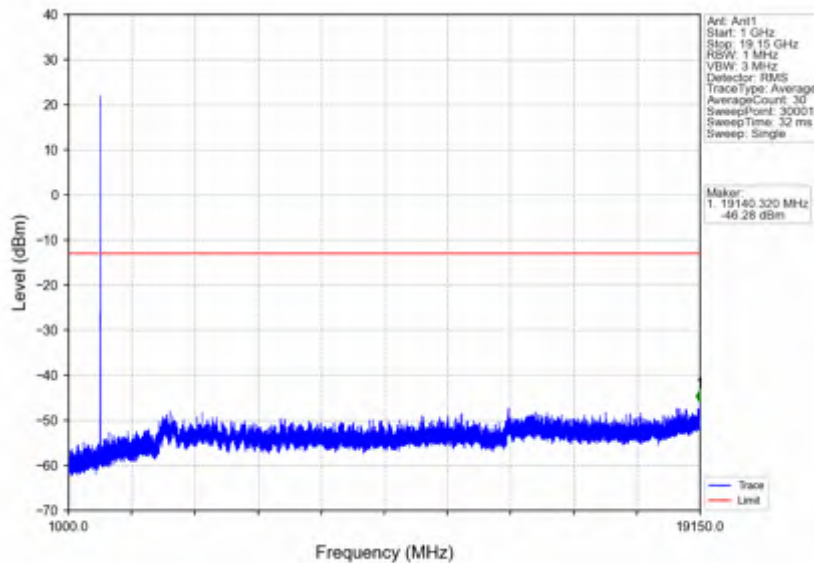
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n25_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1912.5MHz_Inner_1RB_Right



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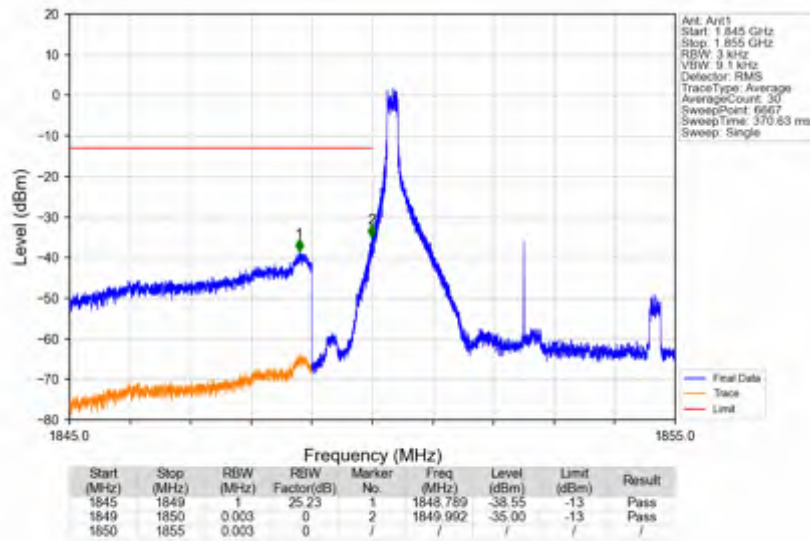


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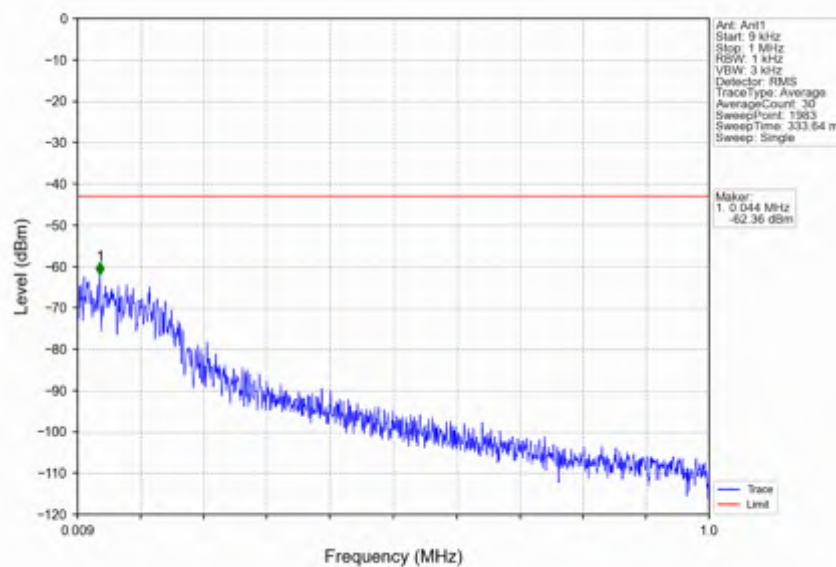
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left

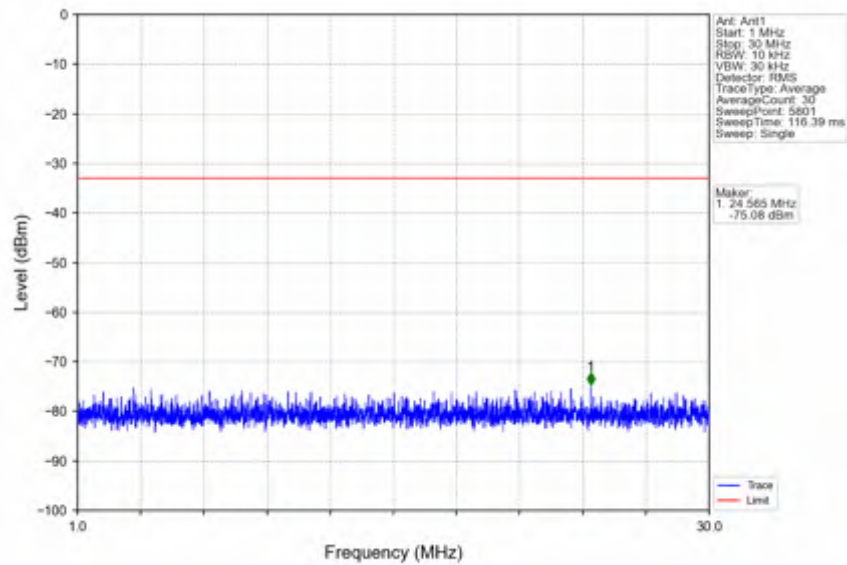


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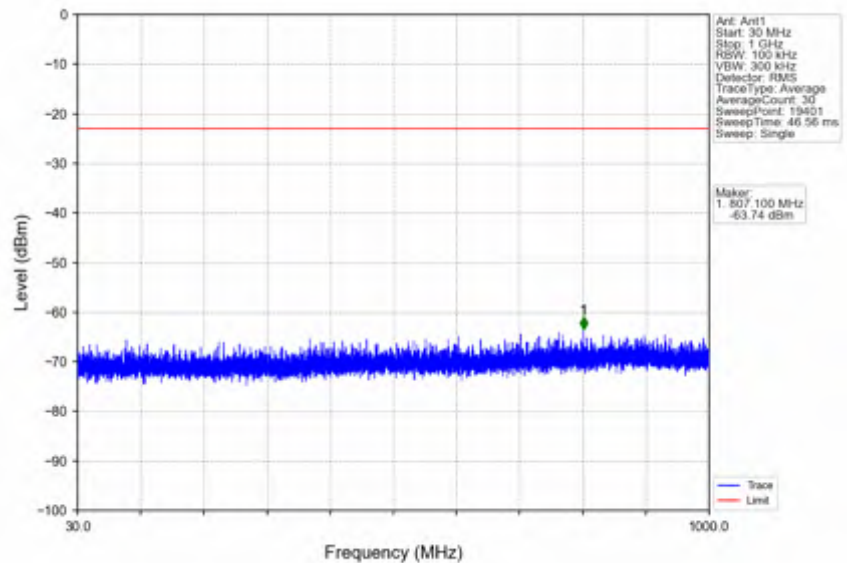
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left



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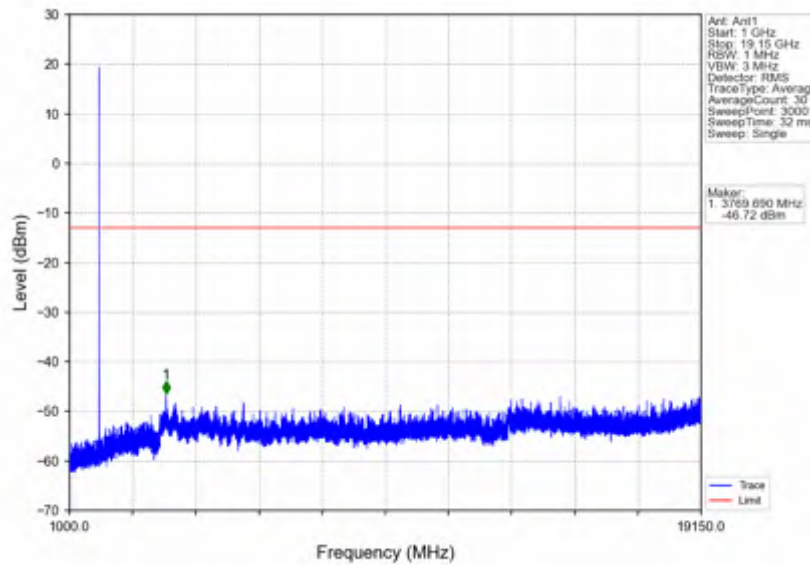
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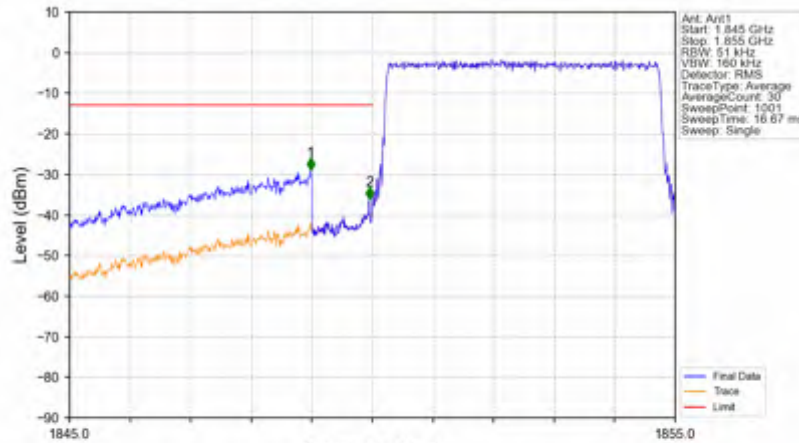
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	12.92	1	1848.980	-29.02	-13	Pass
1849	1850	0.051	0	2	1849.950	-36.20	-13	Pass
1850	1855	0.051	0	/	/	/	/	/



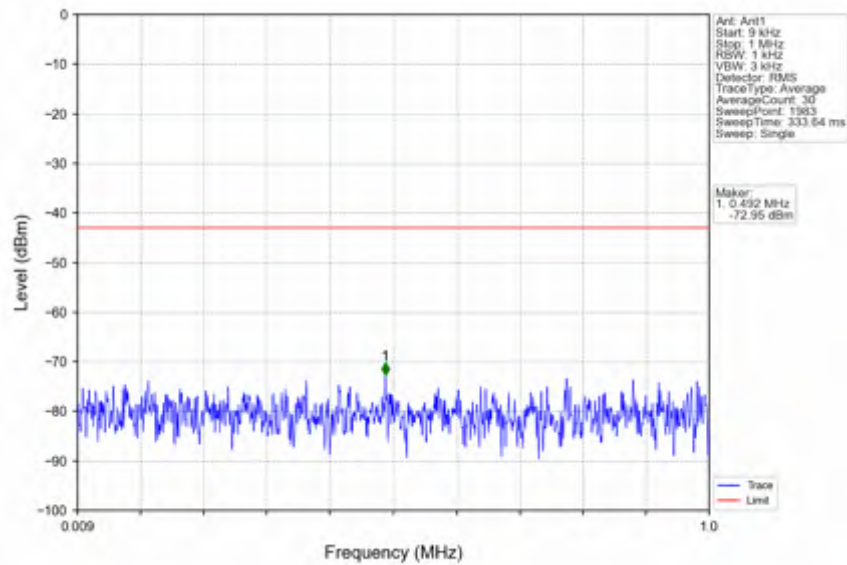
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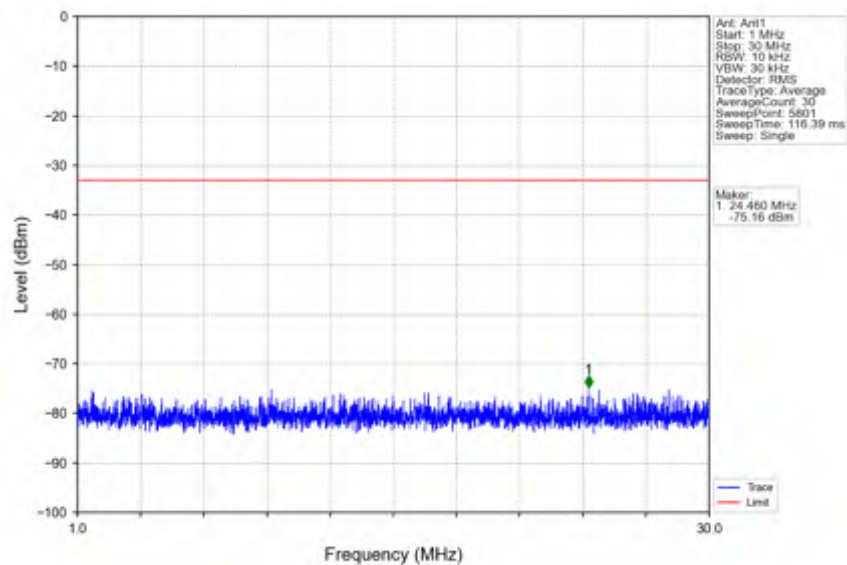
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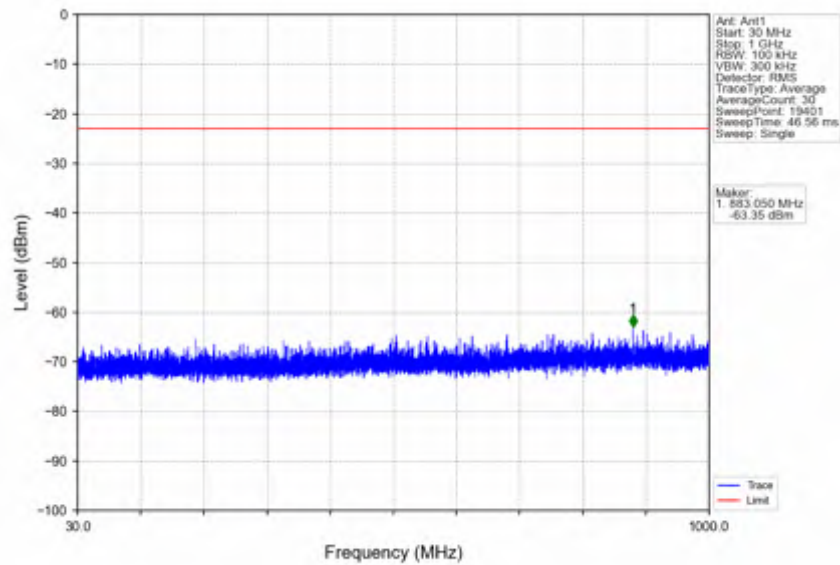
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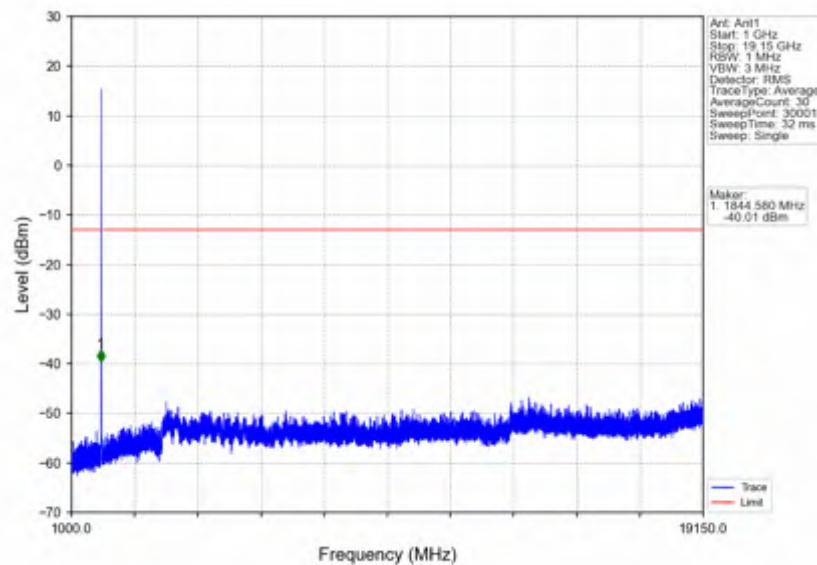
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Outer_Full



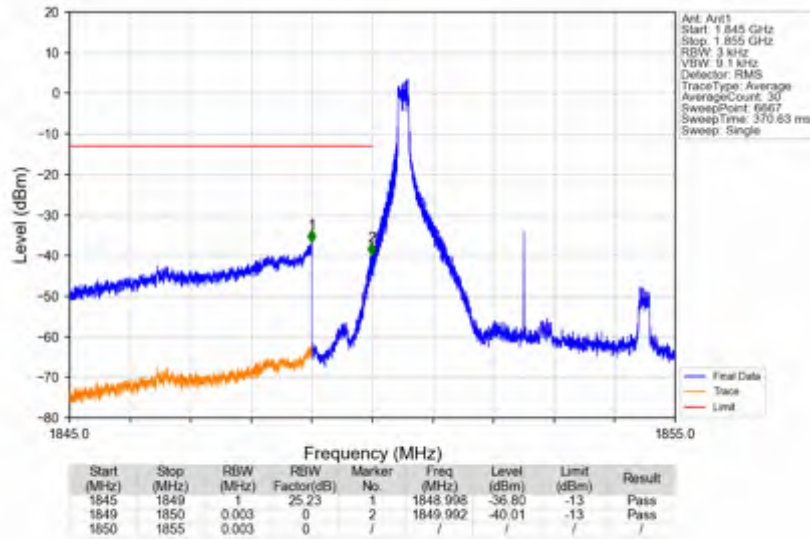
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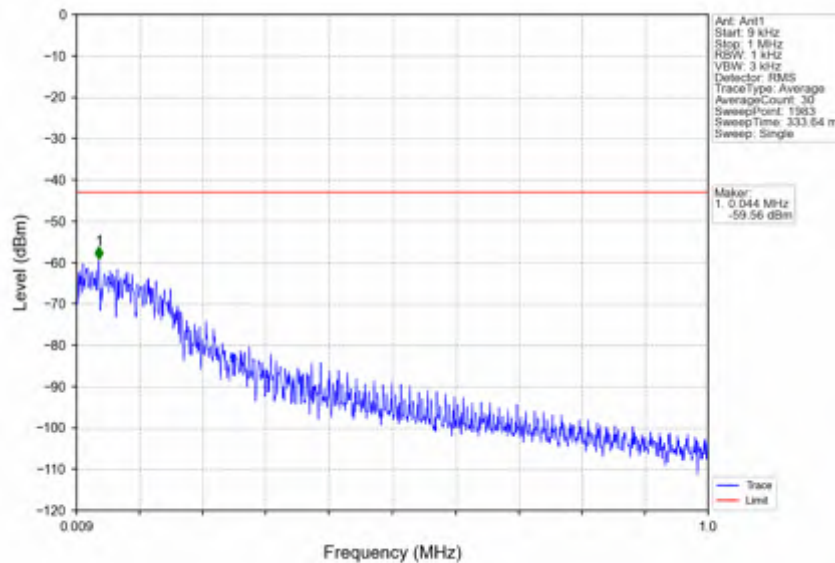
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Inner_1RB_Left



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1852.5MHz_Inner_1RB_Left

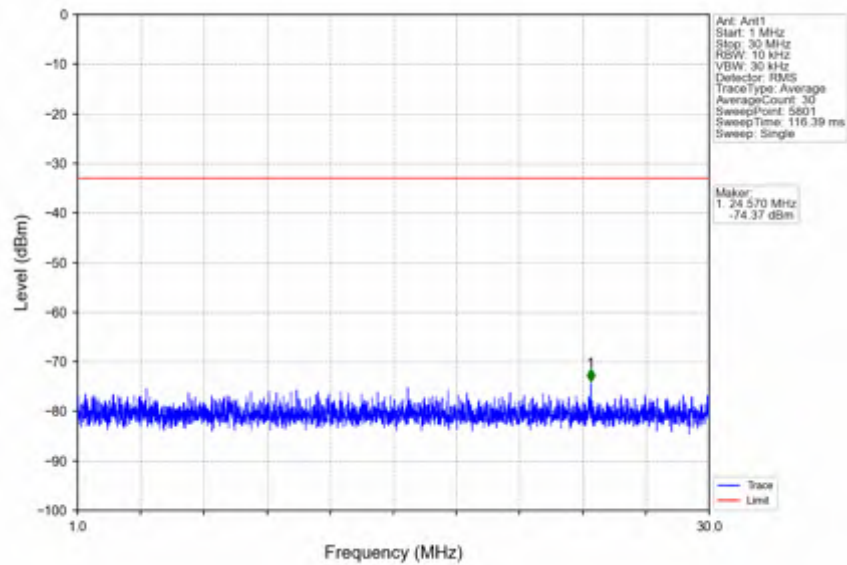


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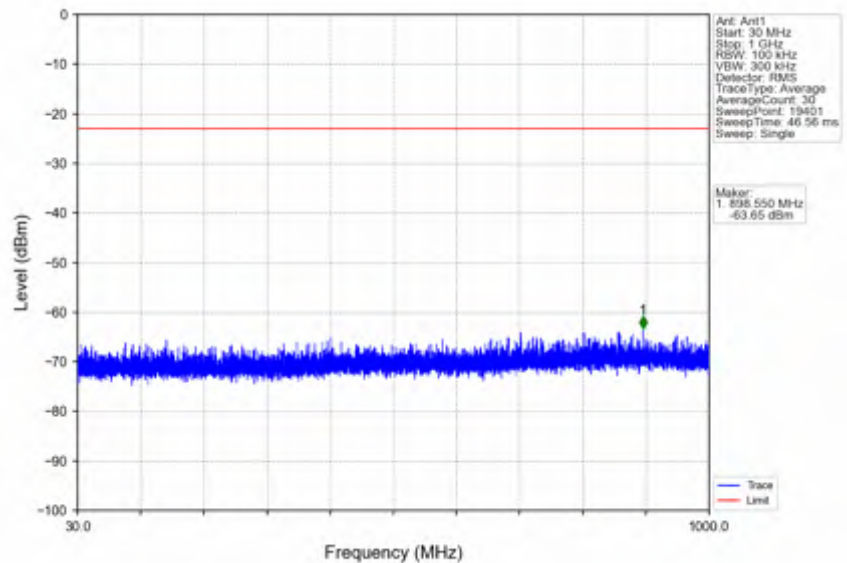
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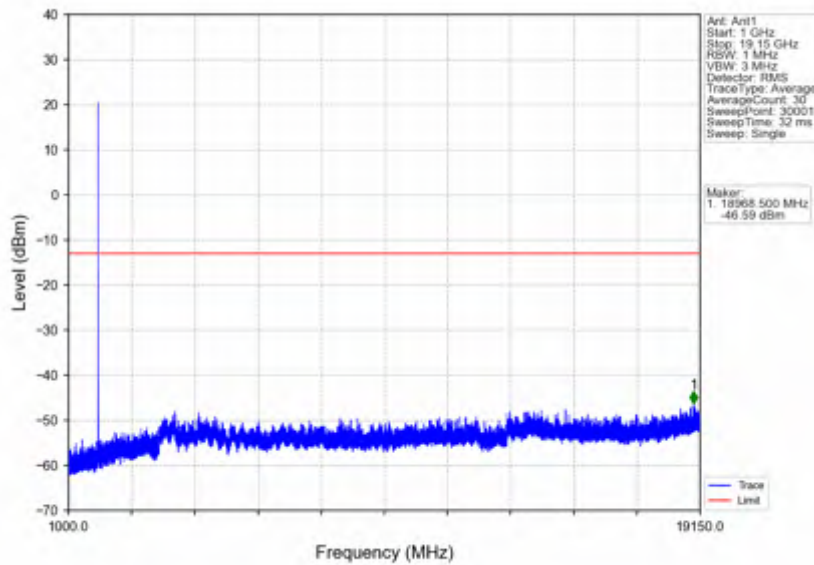
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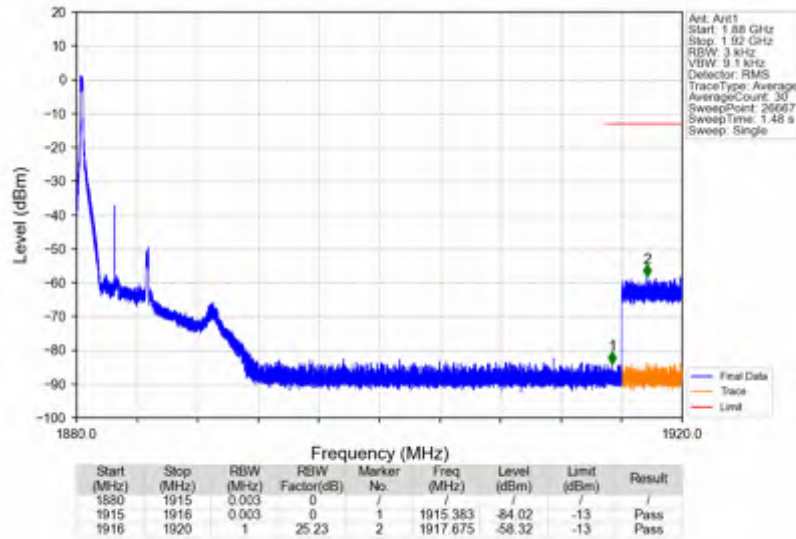
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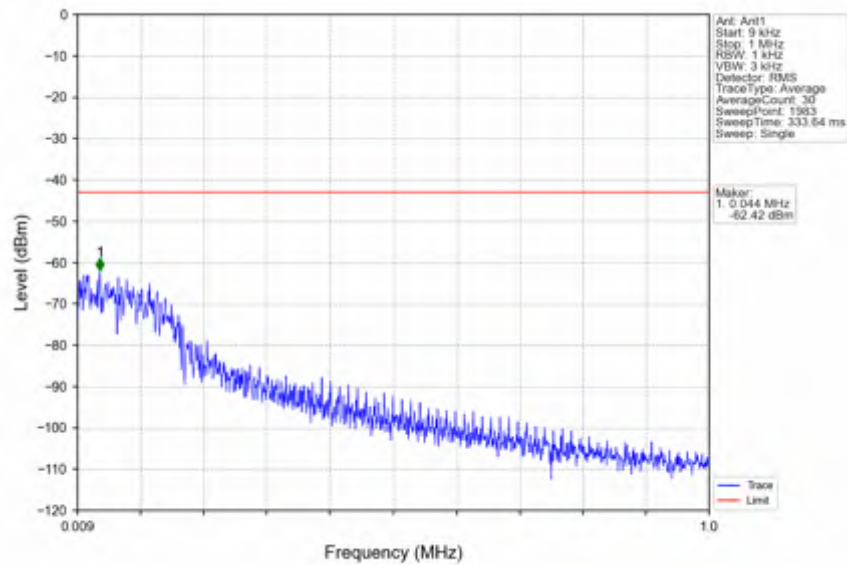
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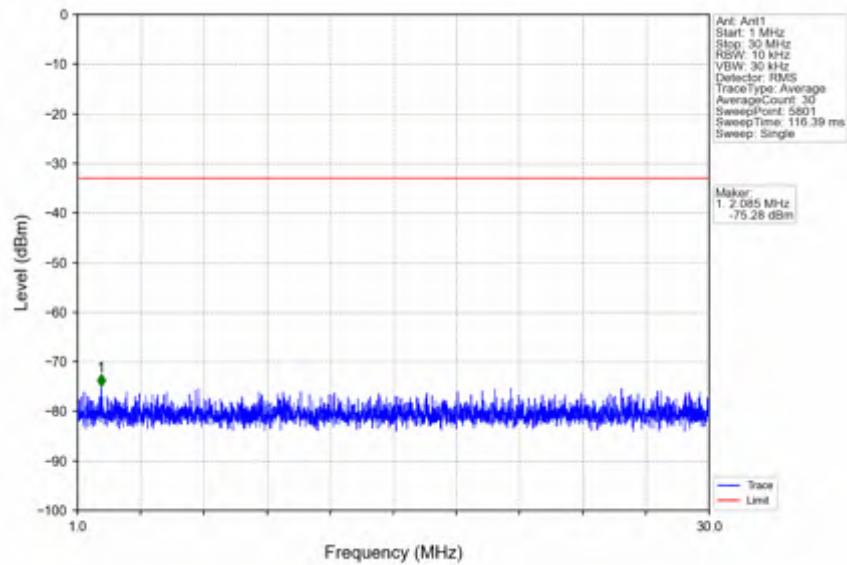
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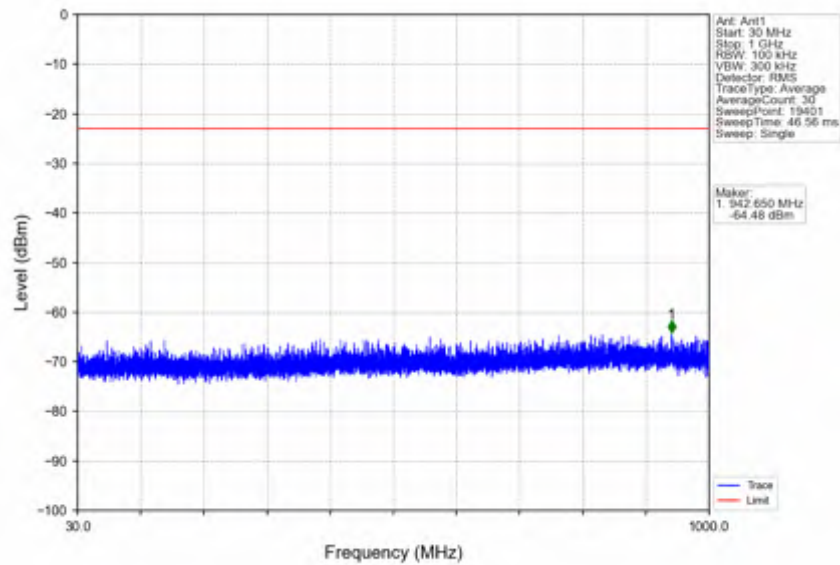
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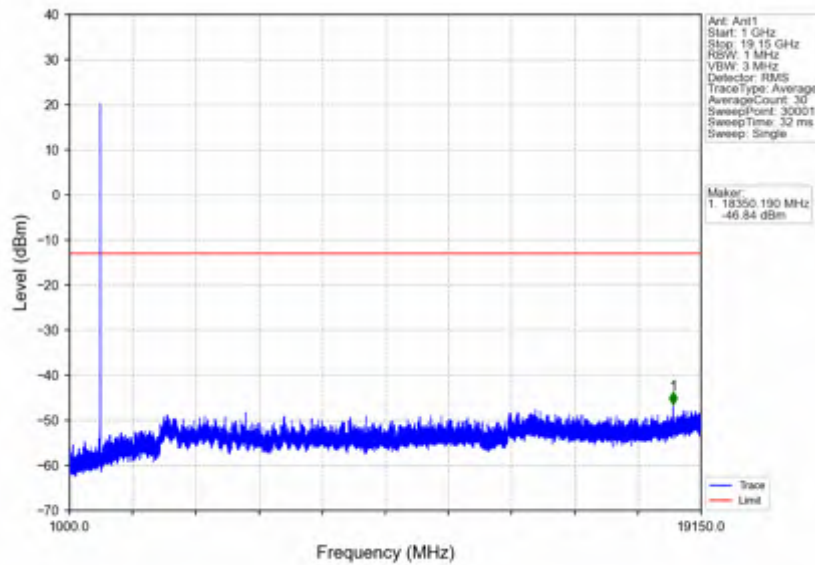
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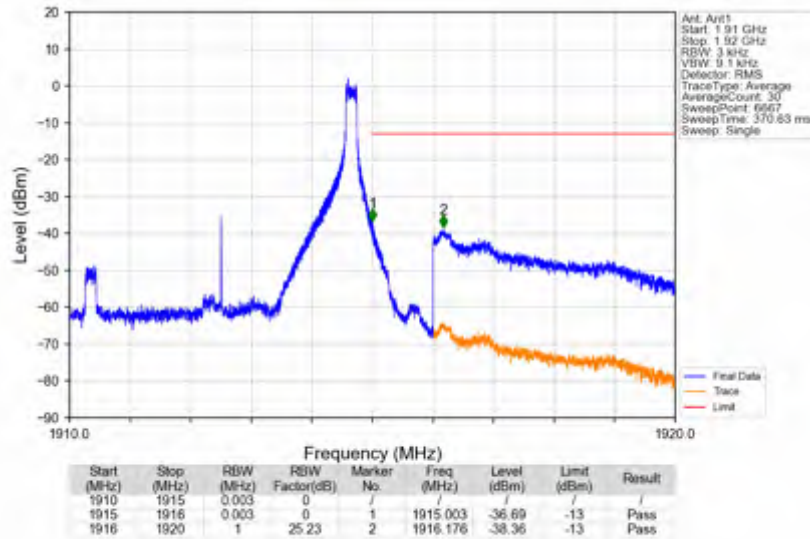
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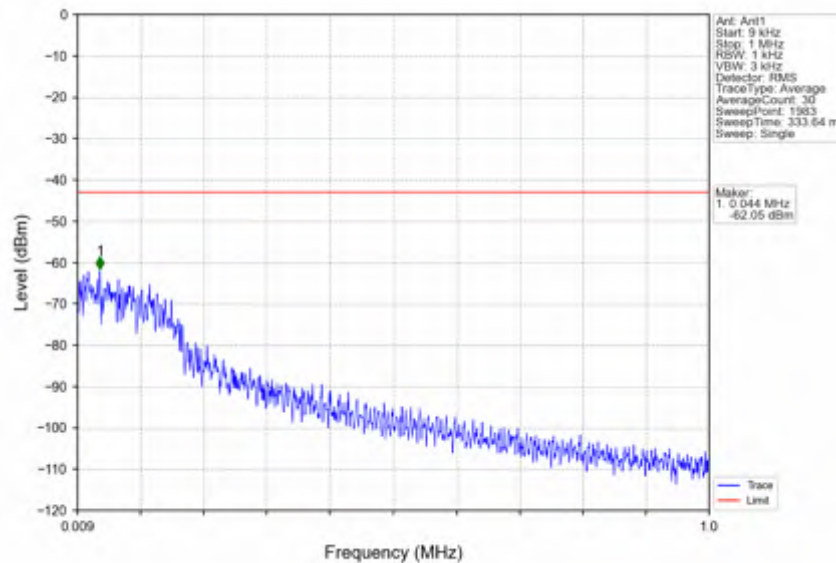
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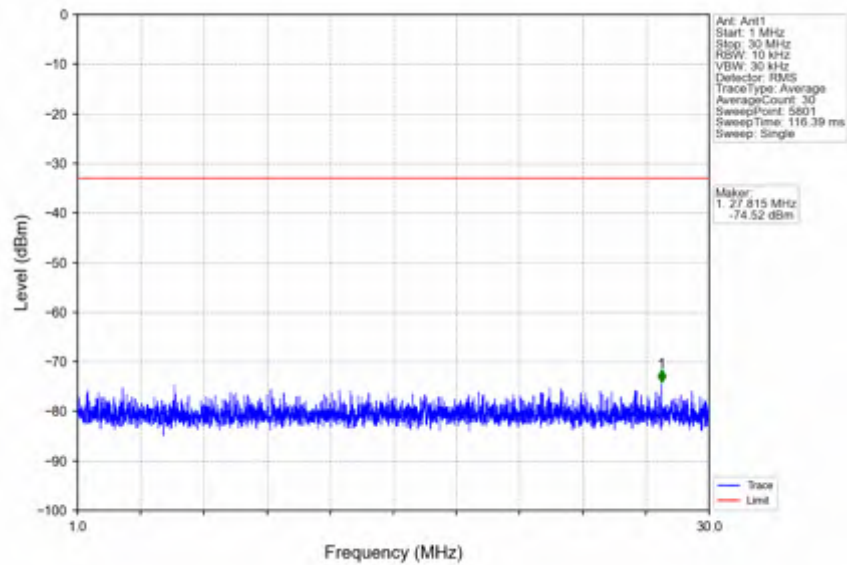


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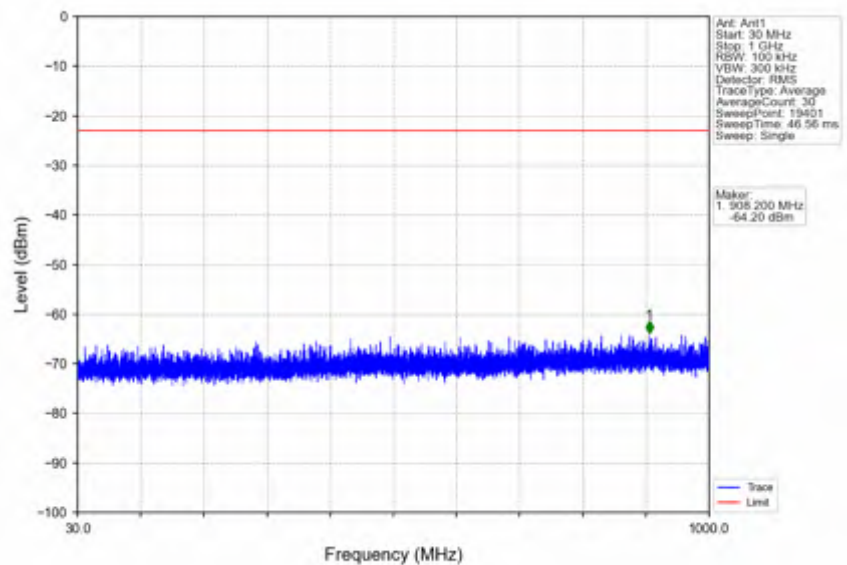
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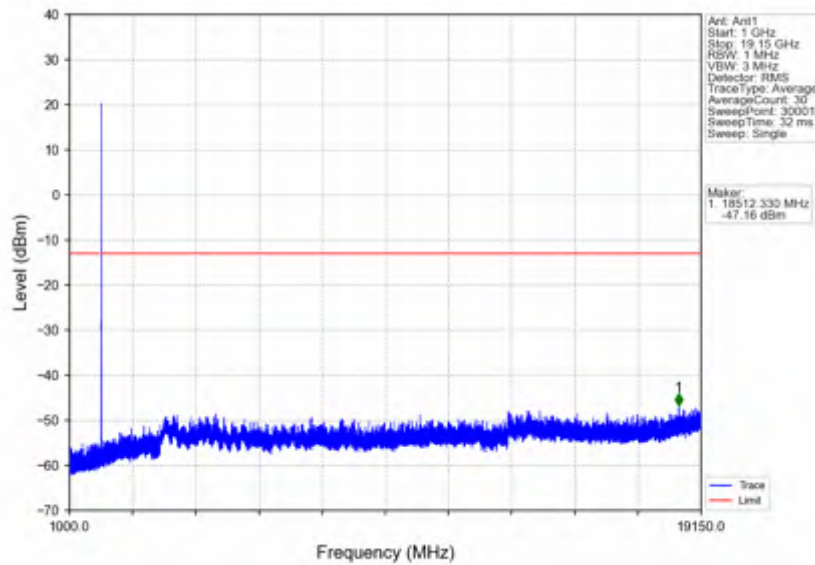
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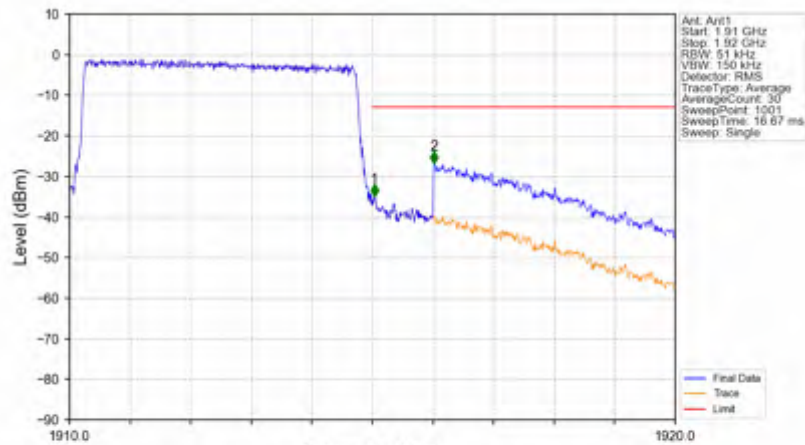
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Edge_1RB_Right



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.051	0	1	1915.030	-35.00	-13	Pass
1915	1920	1	12.92	2	1916.020	-26.94	-13	Pass

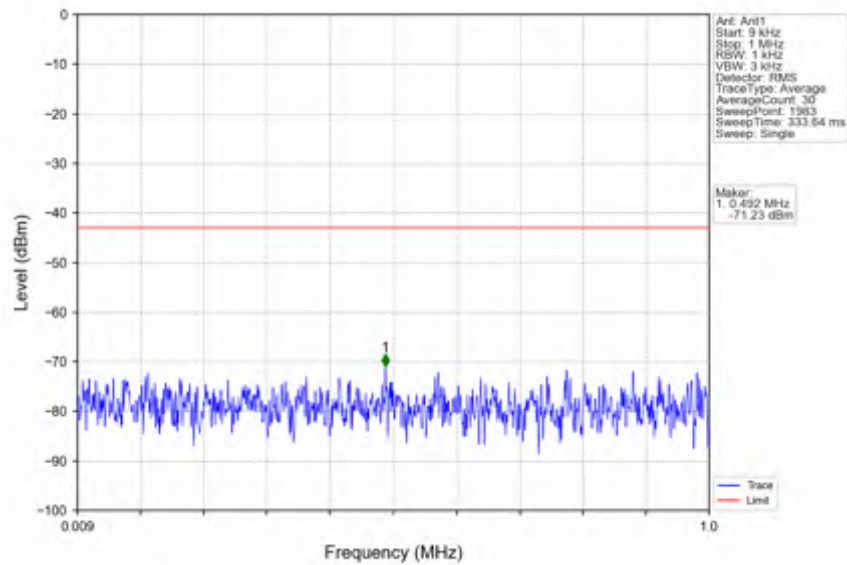


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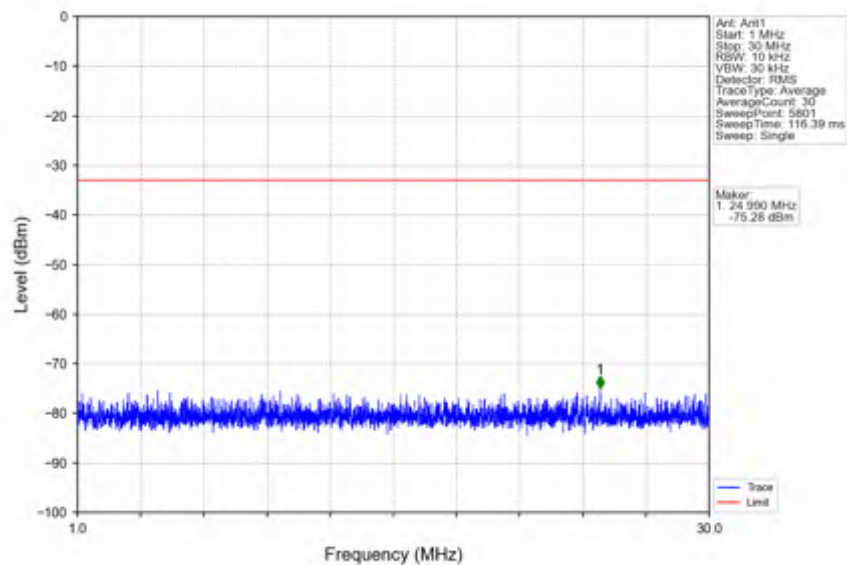
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full



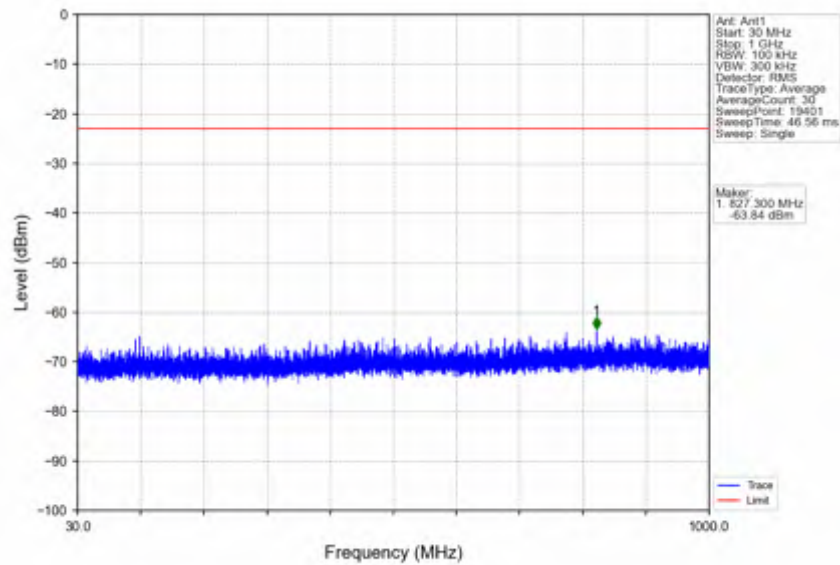
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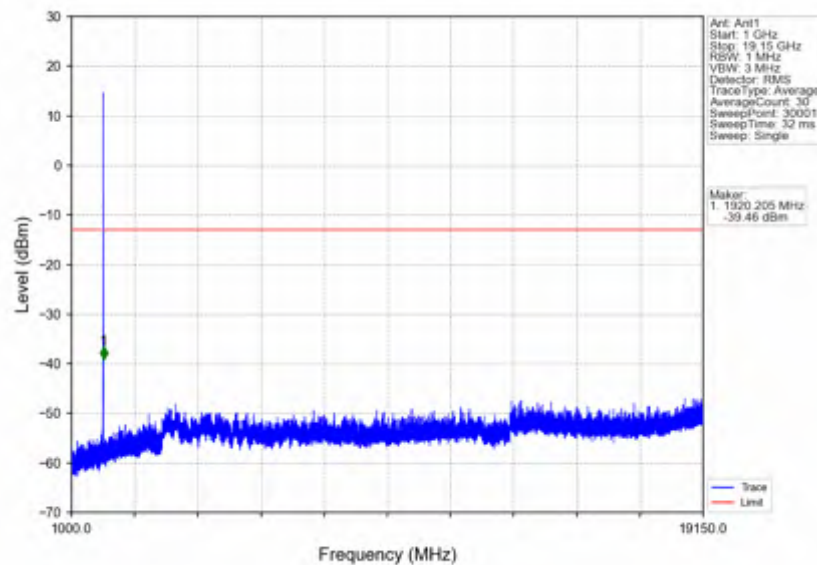
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Outer_Full

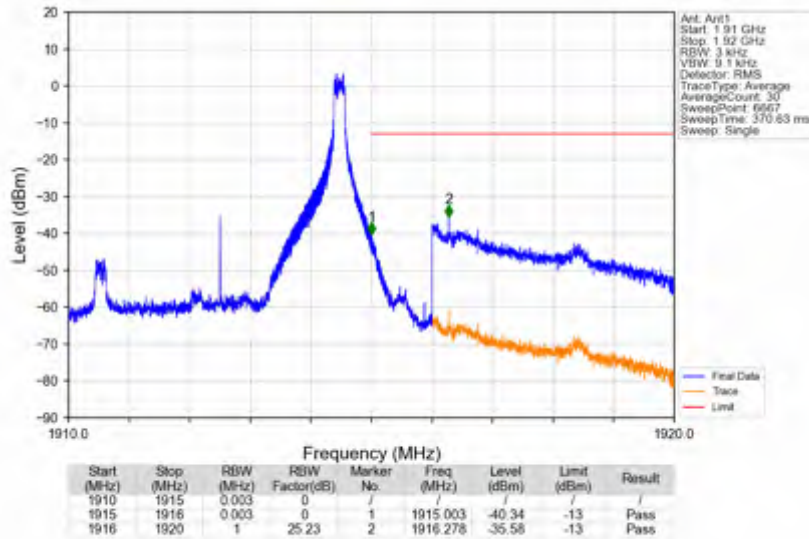


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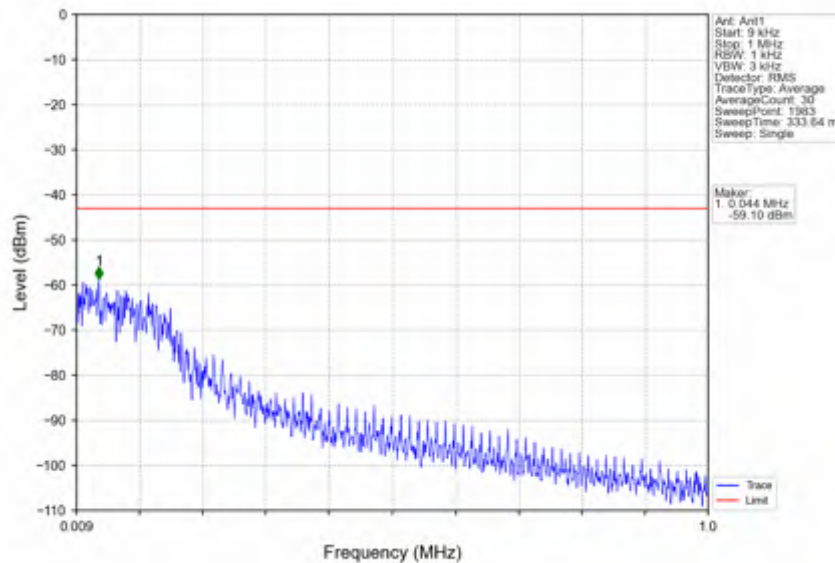
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n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Inner_1RB_Right



n25_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1912.5MHz_Inner_1RB_Right

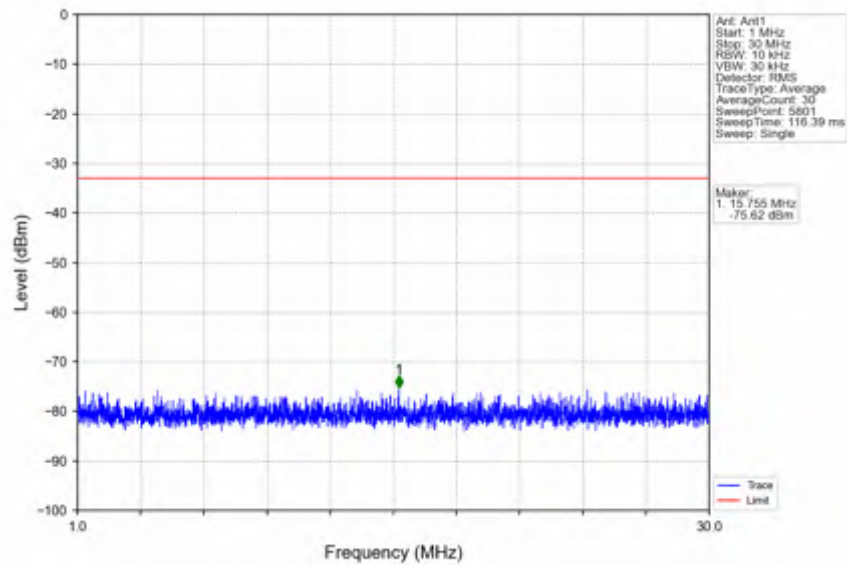


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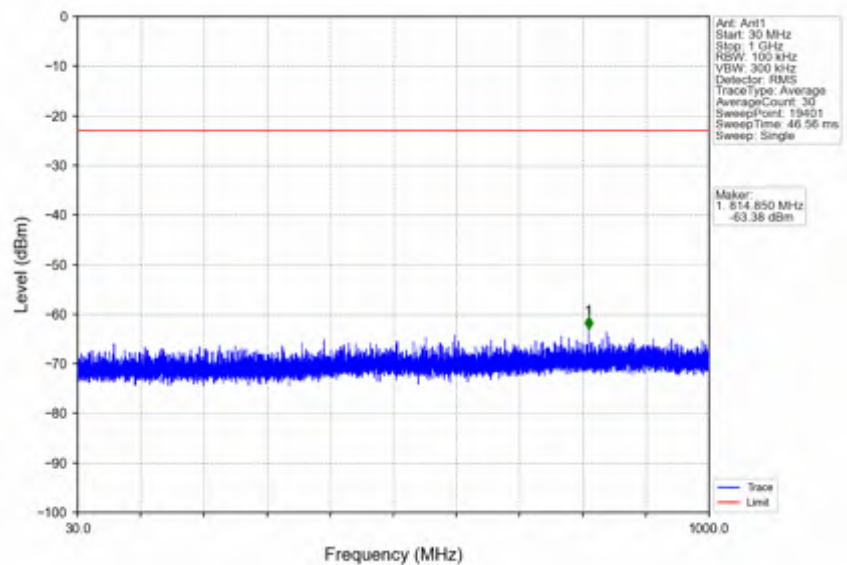
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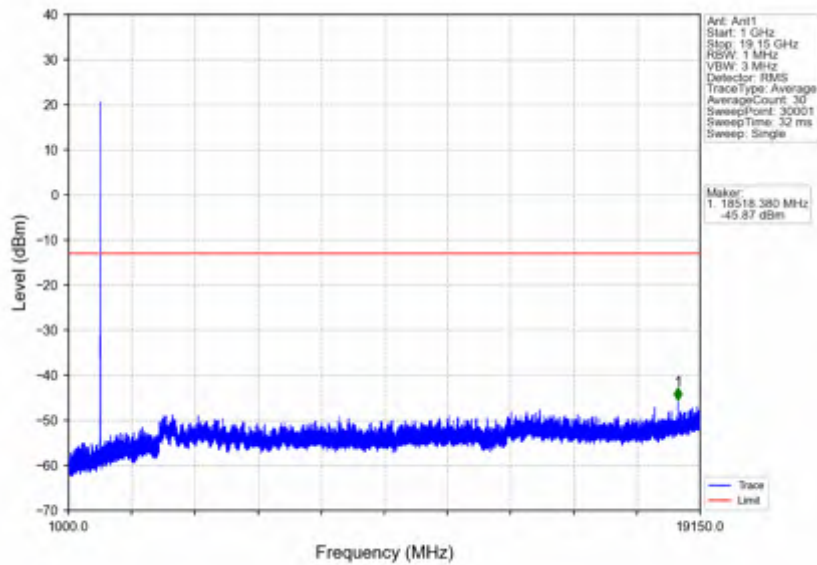
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n25_15kHz_SISO_NTV_5MHz_CP-OFDM QPSK_1912.5MHz_Inner_1RB_Right



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4.2 15k_SISO_10MHz_NTNV

4.2.1 Test Result

5G NR n25 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	1855	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
1910	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	1855	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
	1882.5	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	1855	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
	1882.5	Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass



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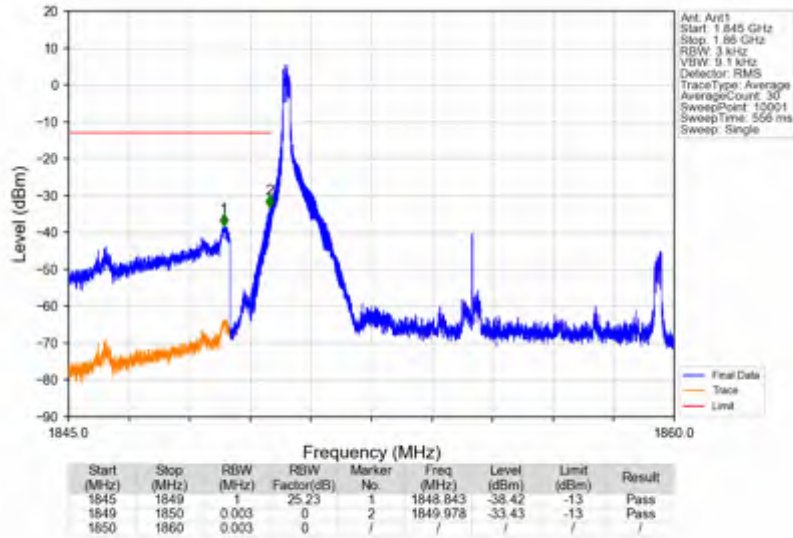
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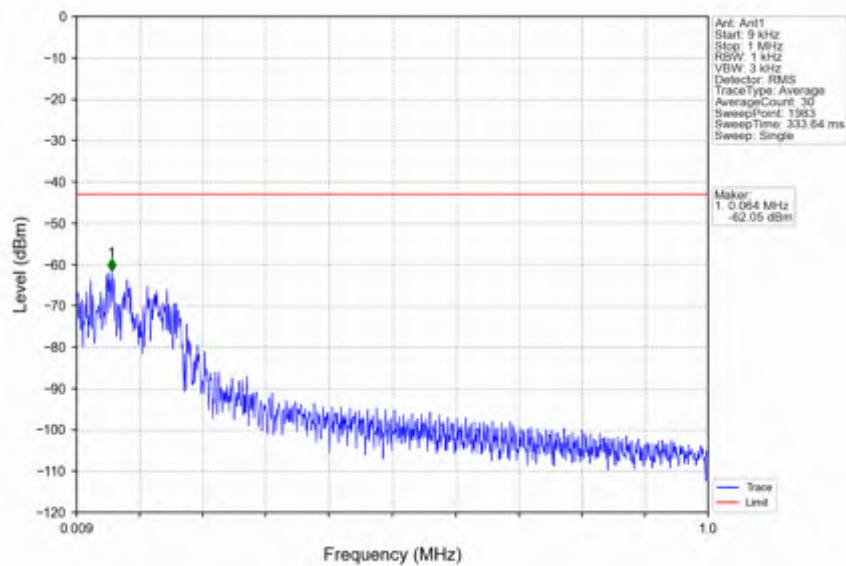
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4.2.2 Test Graph

n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_1855MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_1855MHz_Edge_1RB_Left



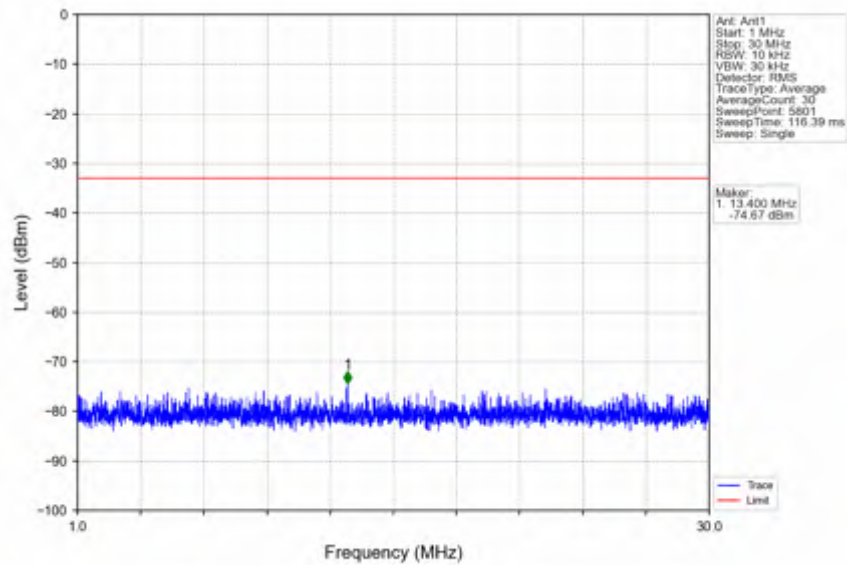
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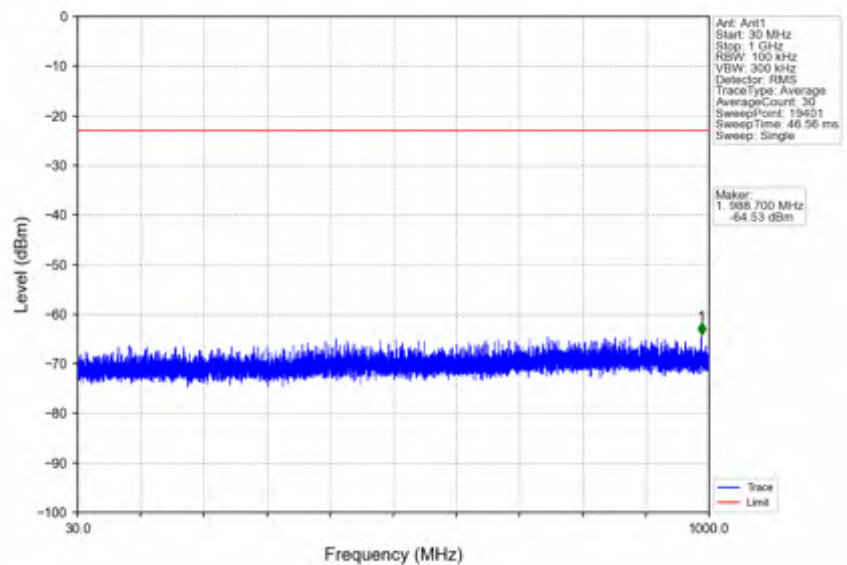
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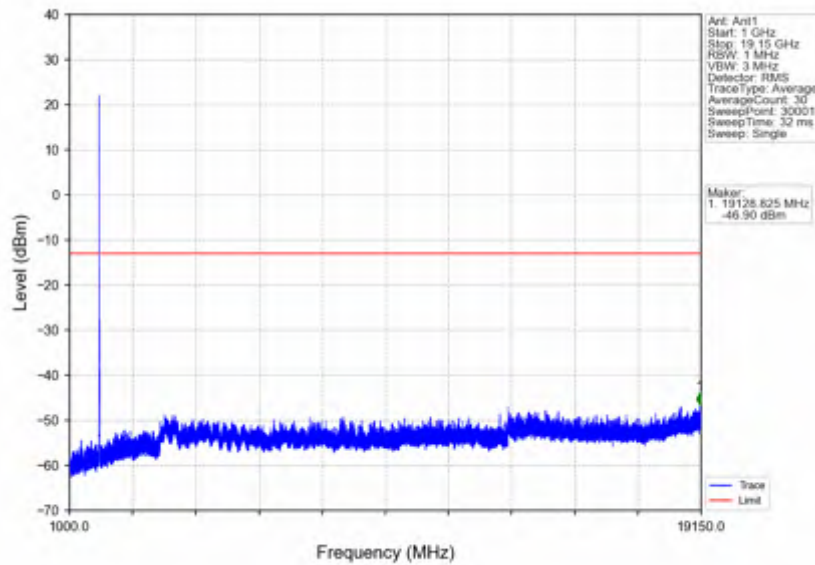


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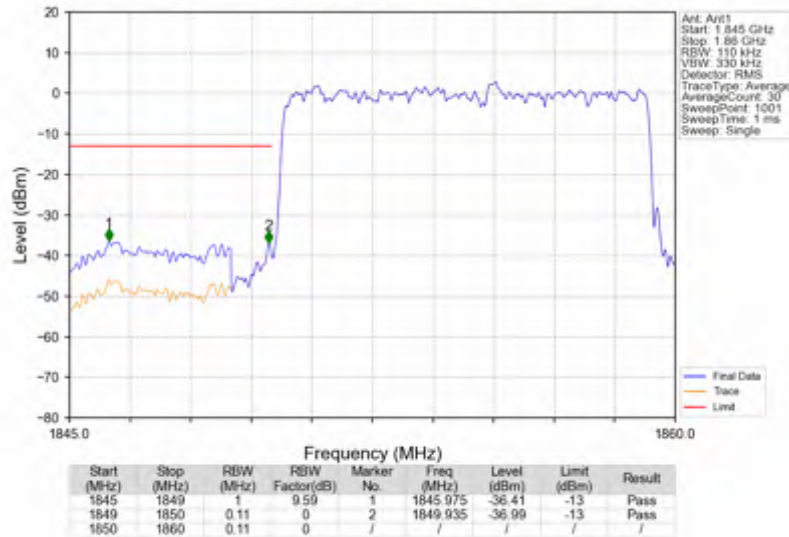
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1855MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	0.59	1	1845.075	-36.41	-13	Pass
1849	1850	0.11	0	2	1849.935	-36.99	-13	Pass
1850	1860	0.11	0	/	/	/	/	/



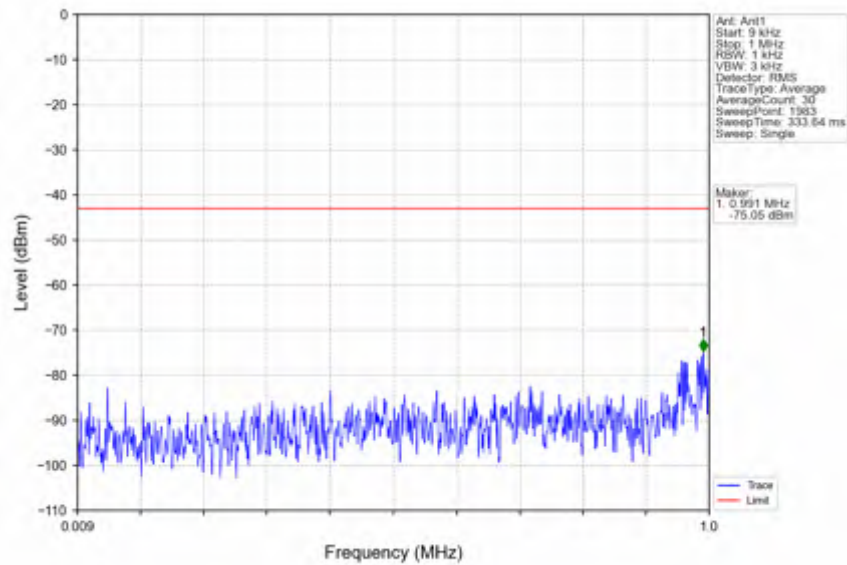
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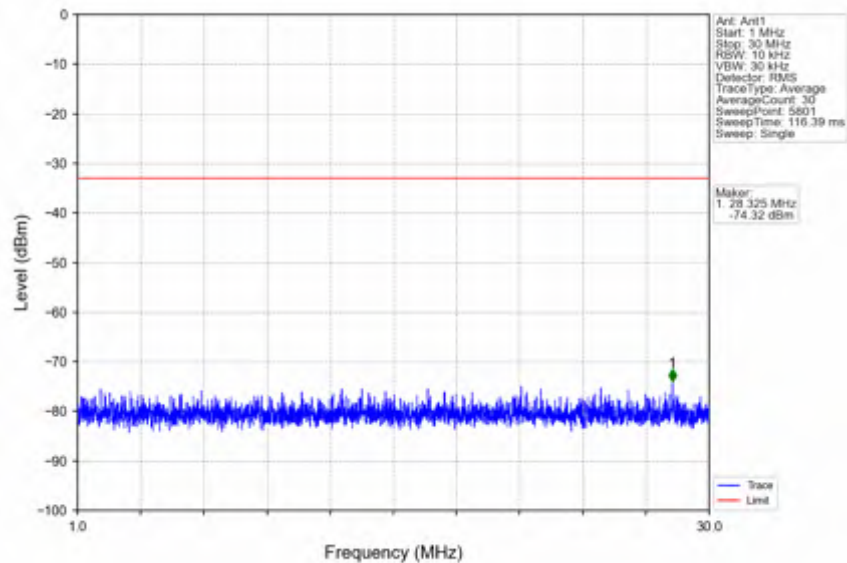
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1855MHz_Outer_Full



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1855MHz_Outer_Full



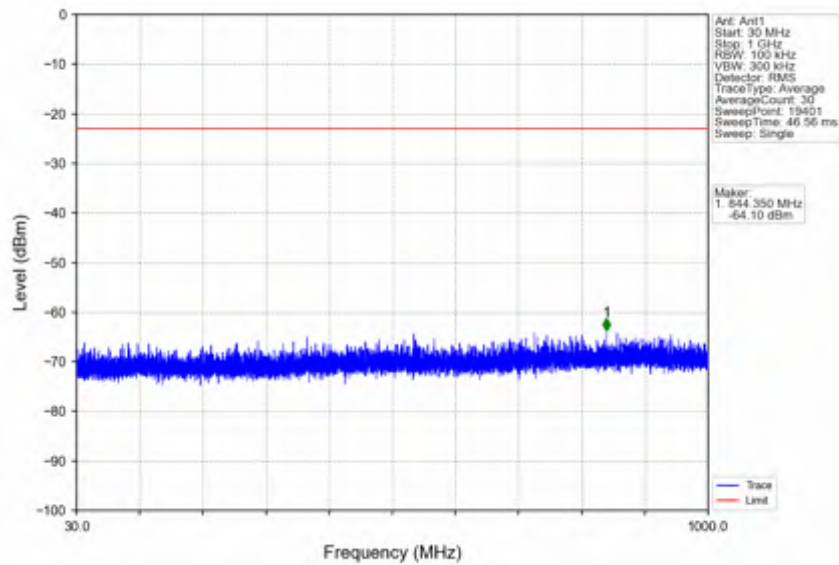
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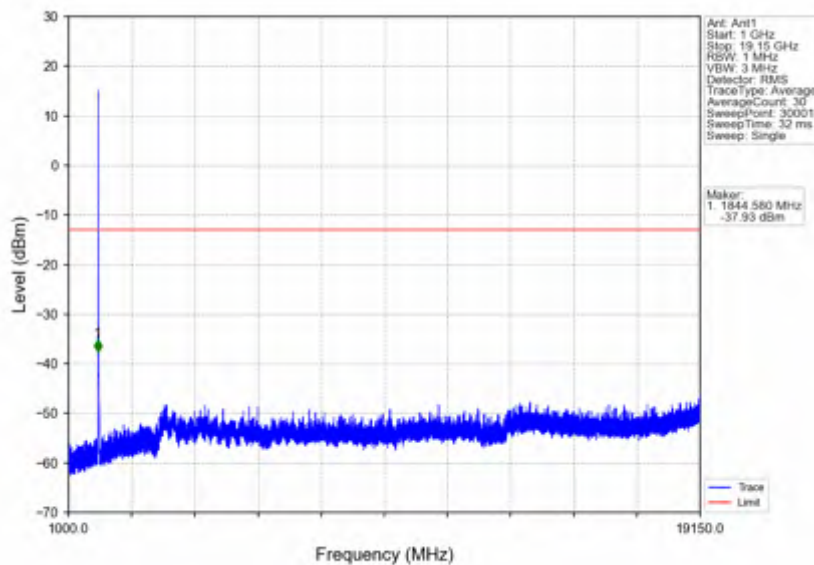
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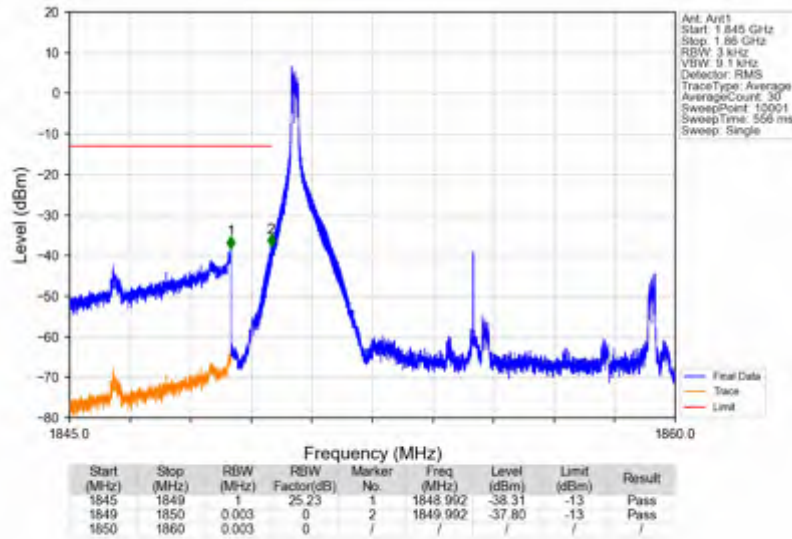
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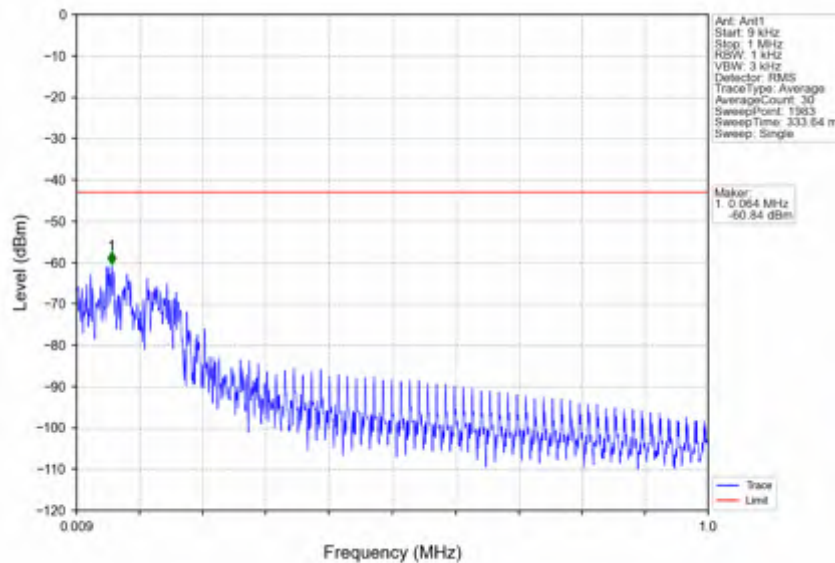
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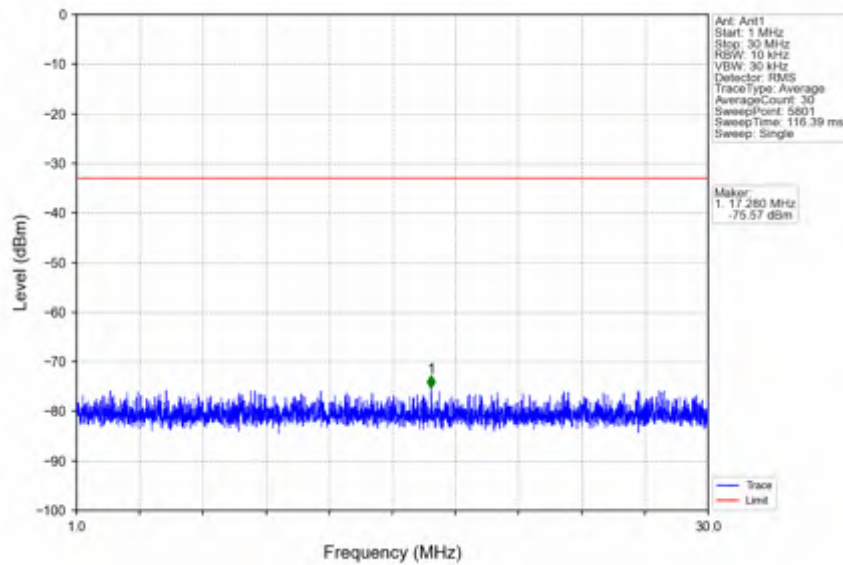


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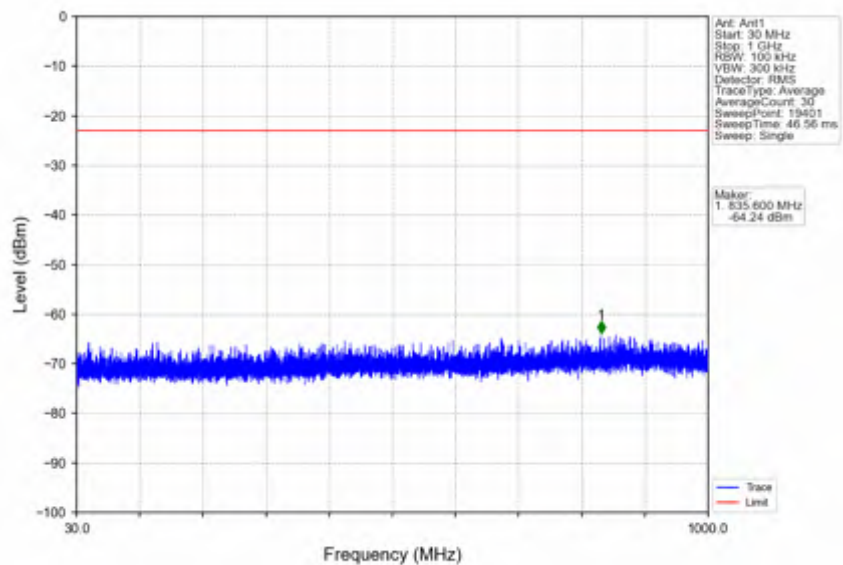
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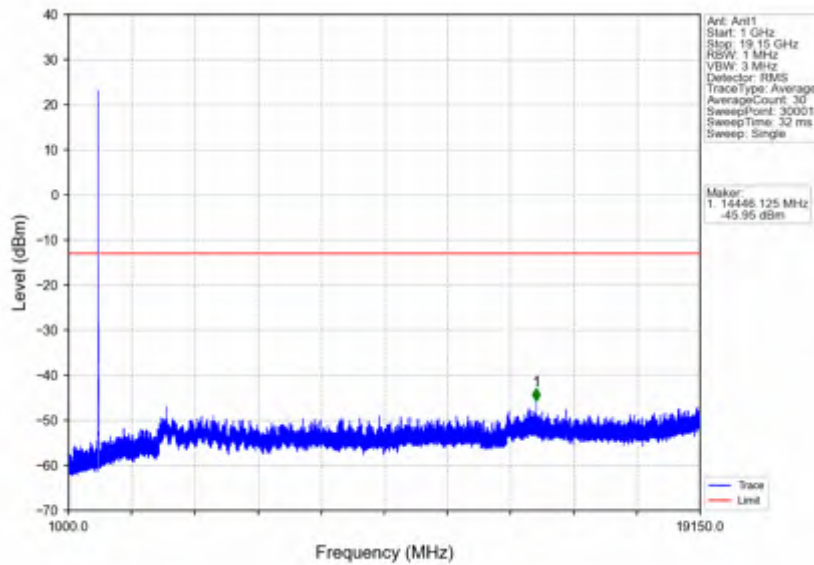
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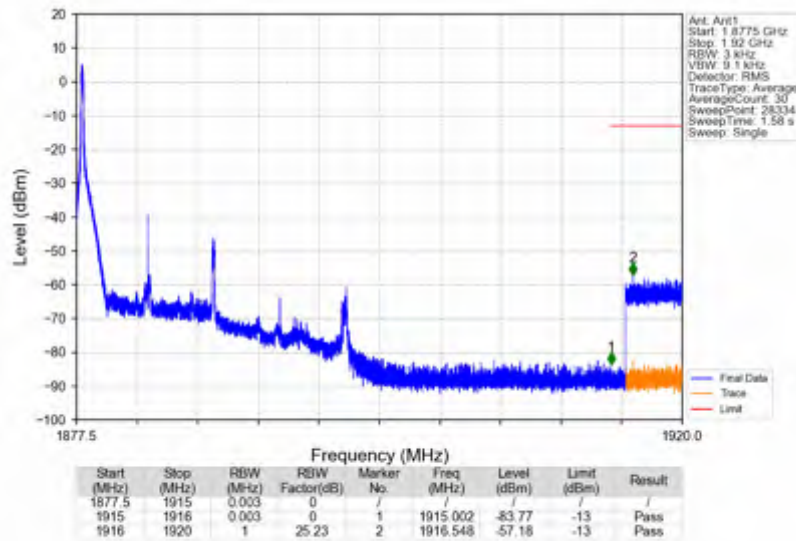
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left



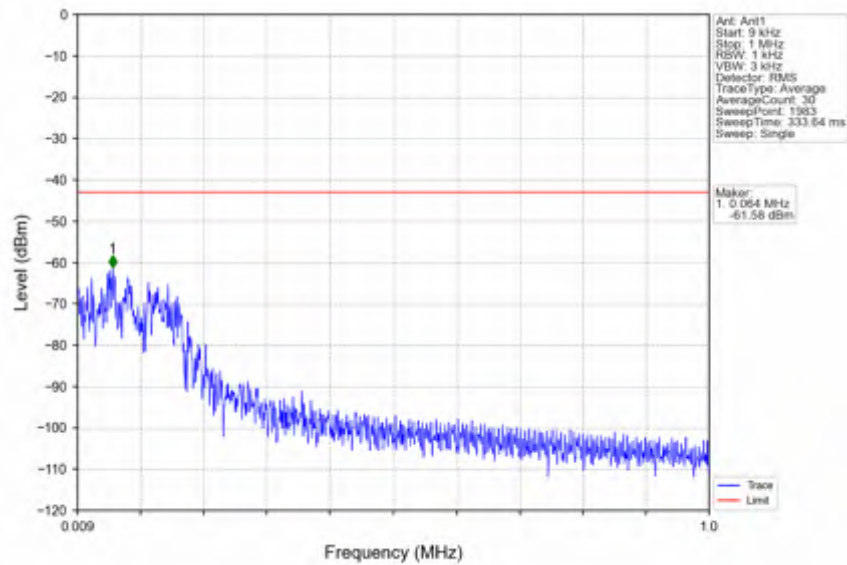
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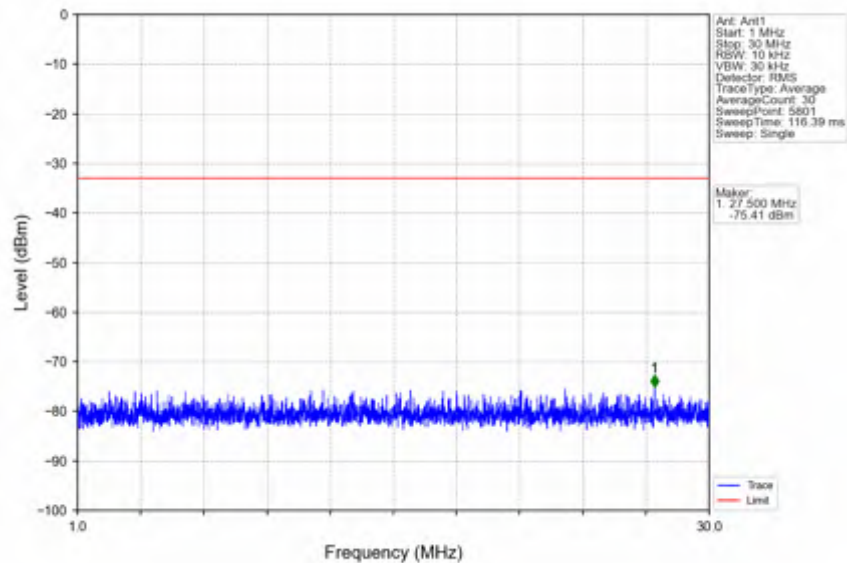
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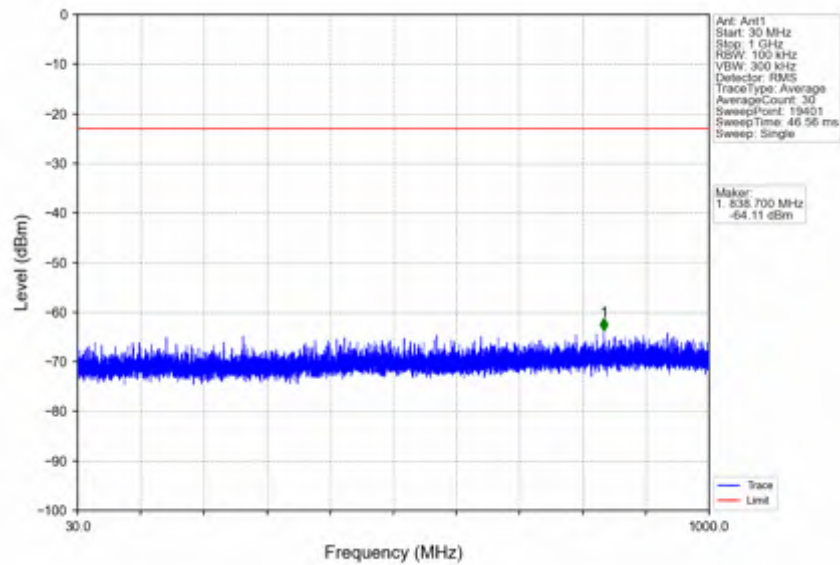
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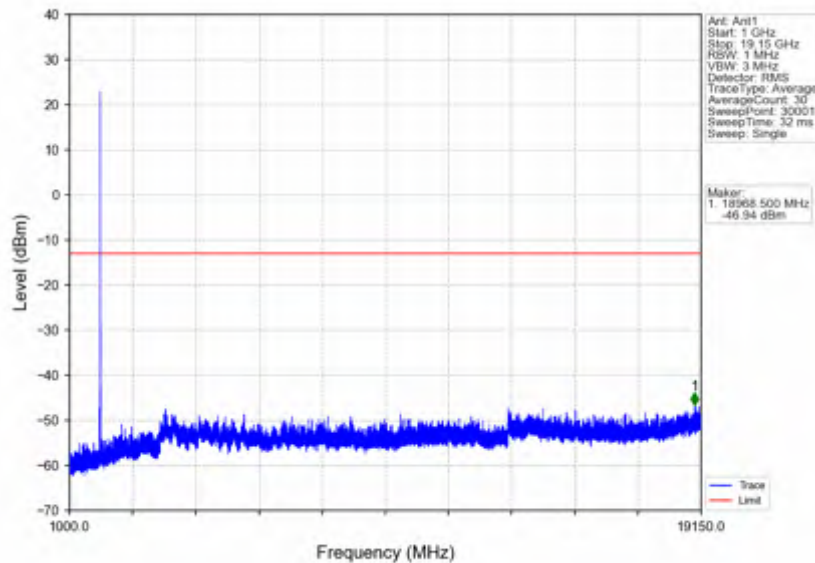
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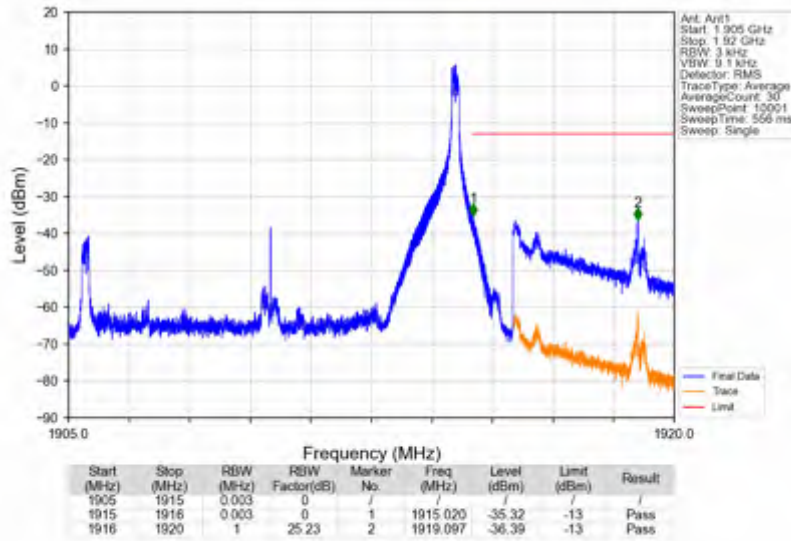
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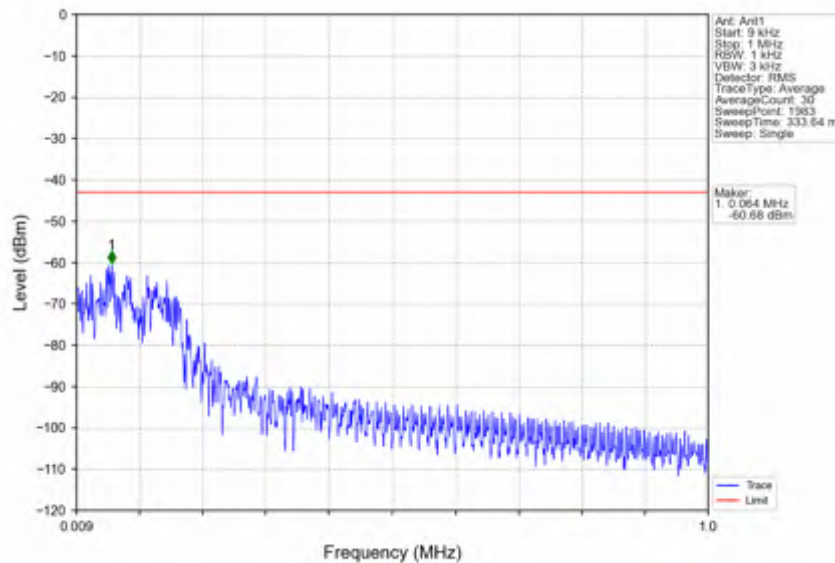
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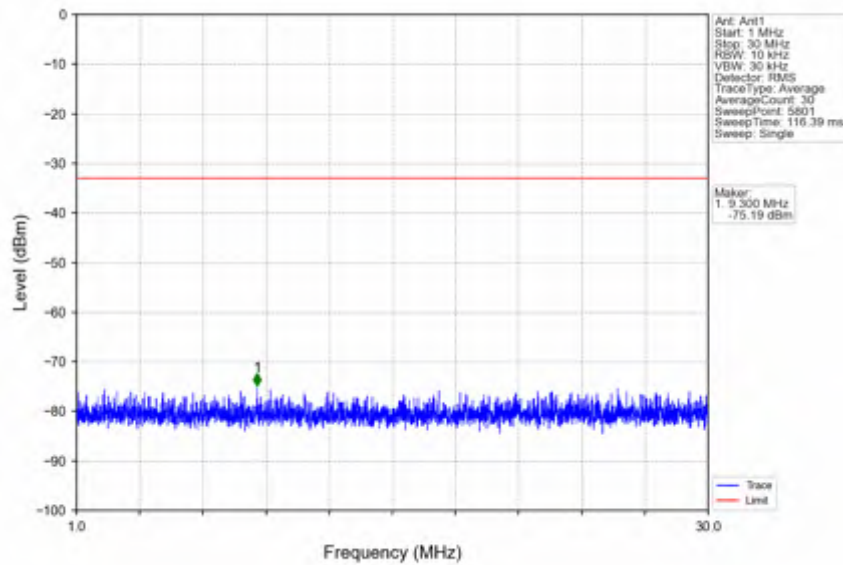
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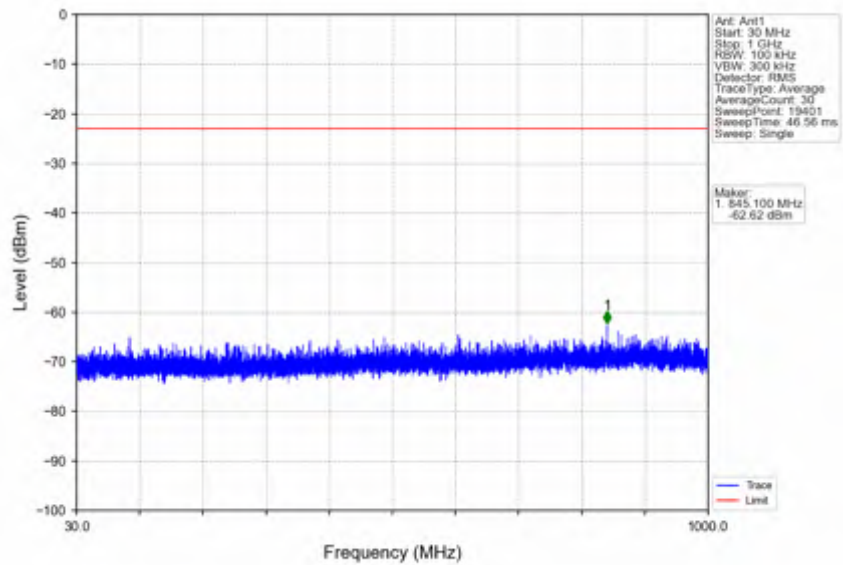
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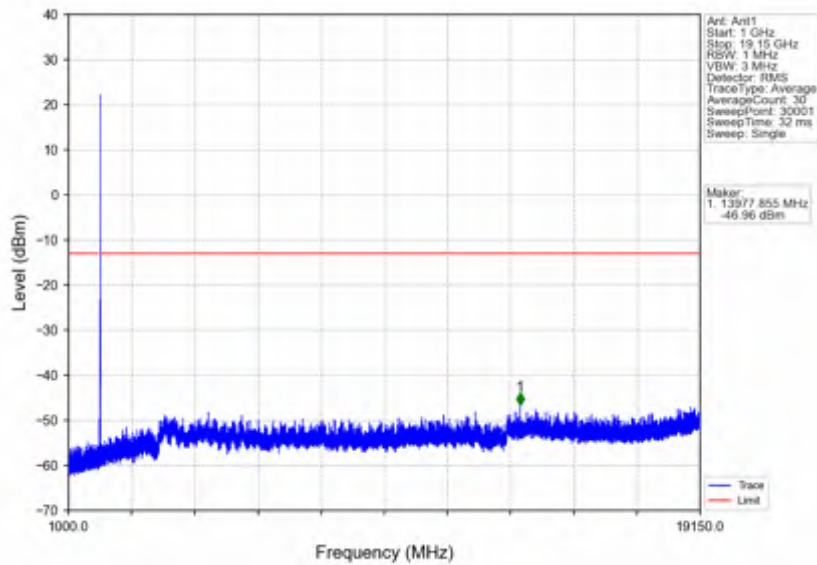
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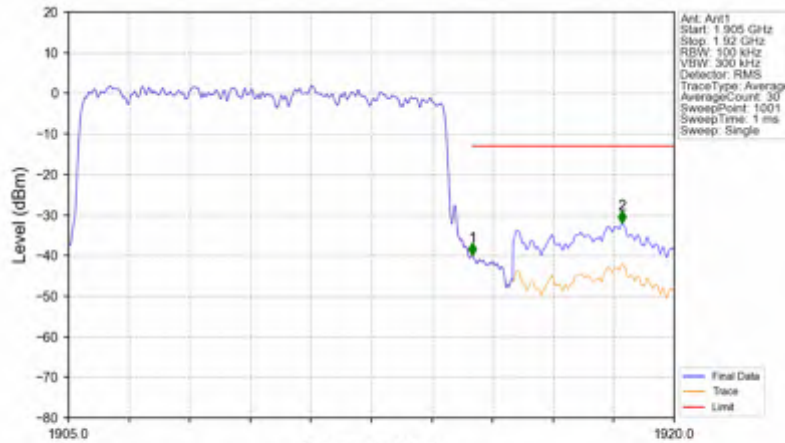
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.1	0	/	/	/	/	/
1915	1916	0.1	0	1	1915.005	-39.99	-13	Pass
1916	1920	1	10	2	1918.710	-32.04	-13	Pass

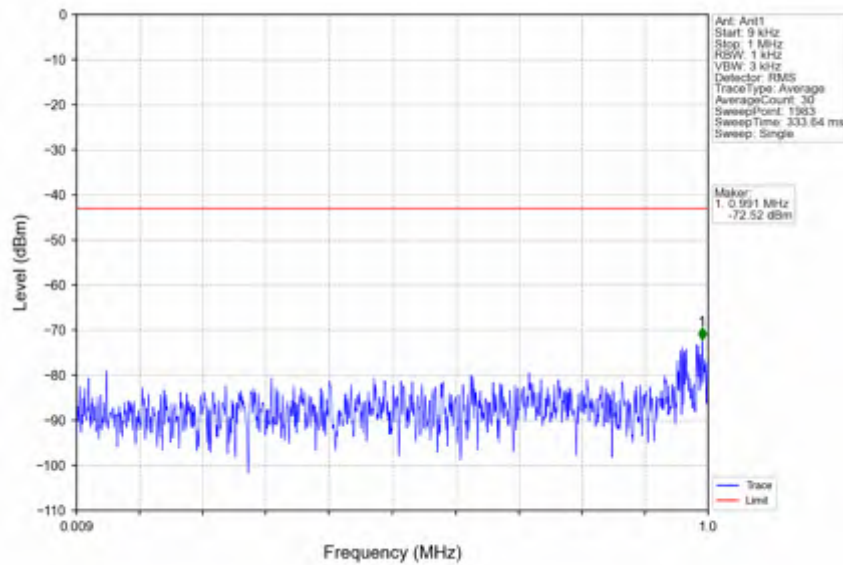


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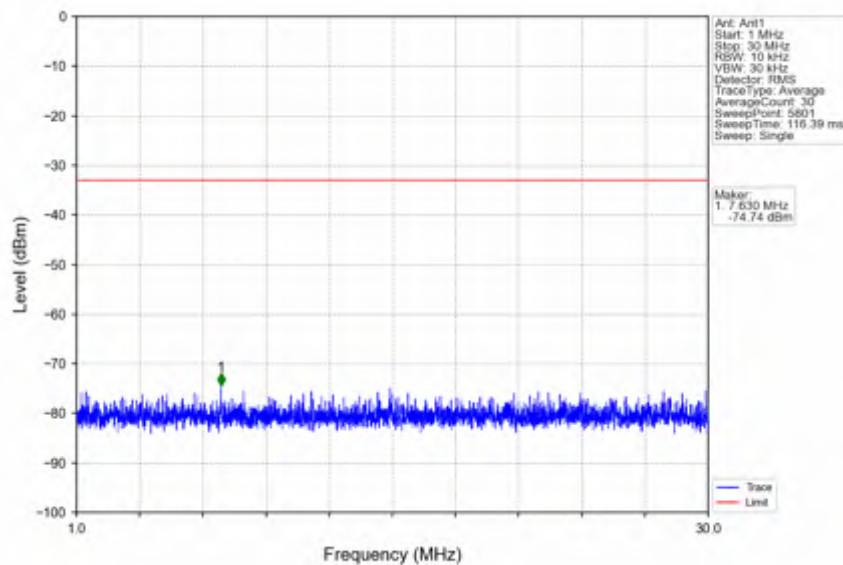
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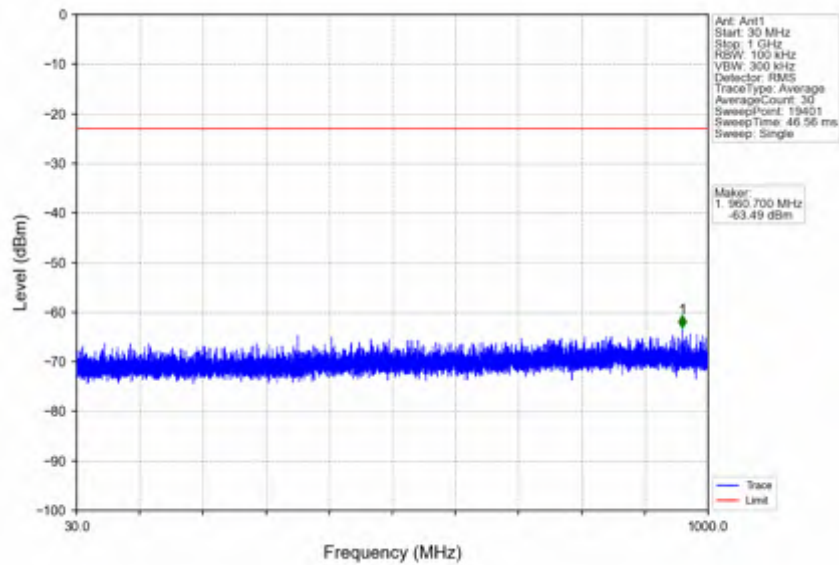
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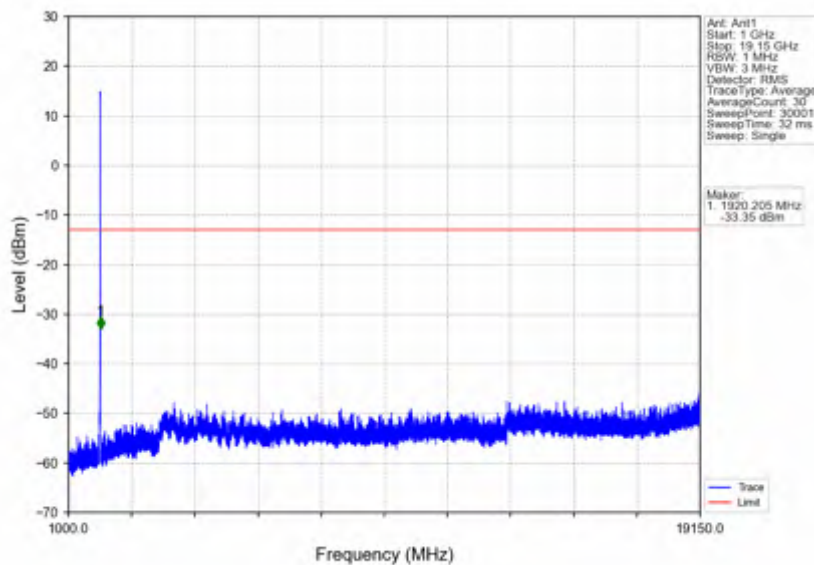
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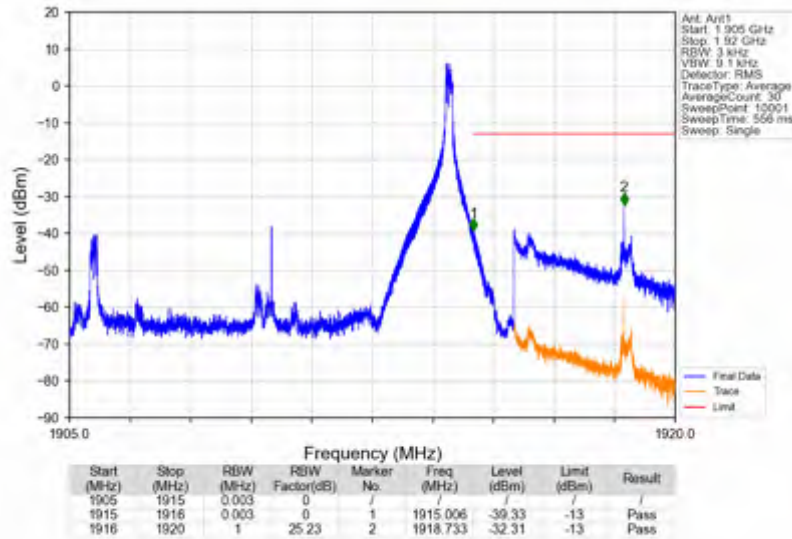
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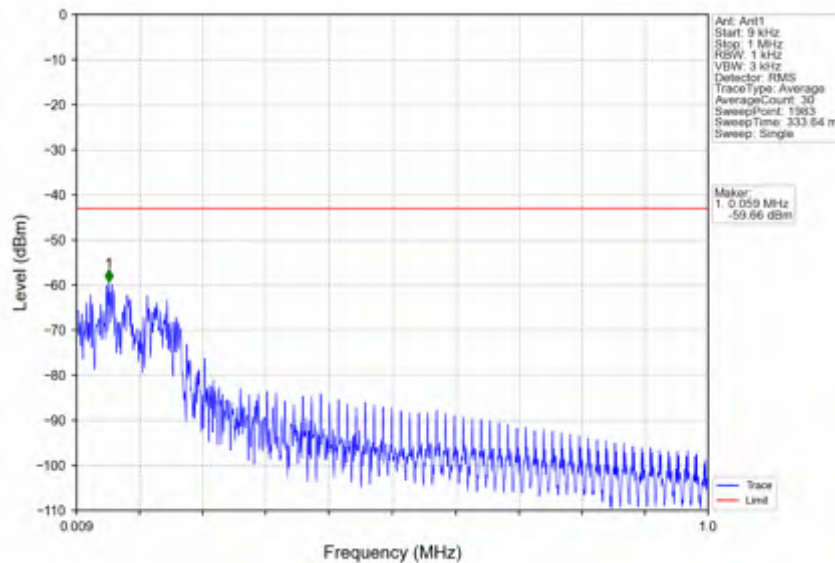
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1910MHz_Inner_1RB_Right



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1910MHz_Inner_1RB_Right

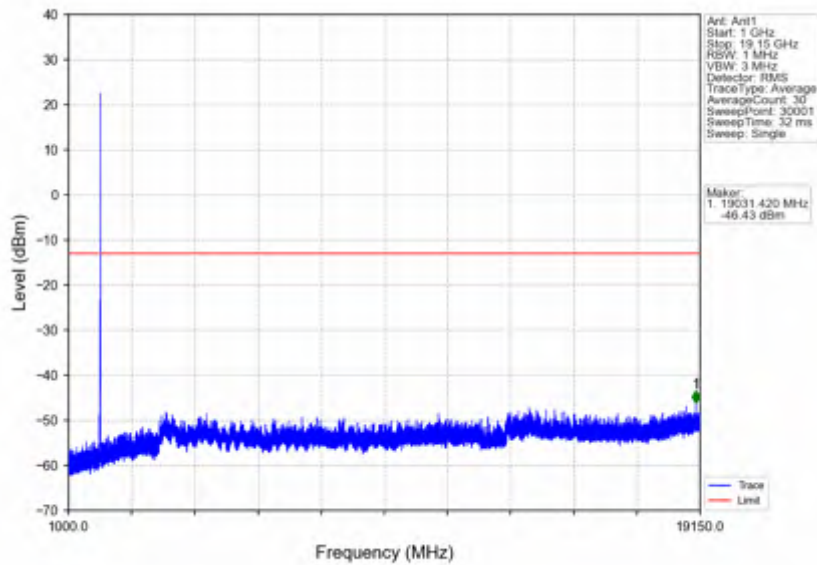


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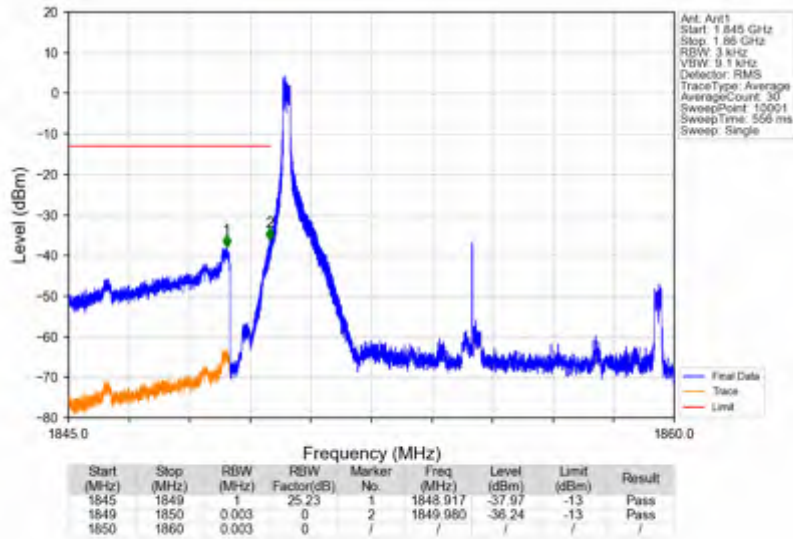
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1910MHz_Inner_1RB_Right



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1855MHz_Edge_1RB_Left



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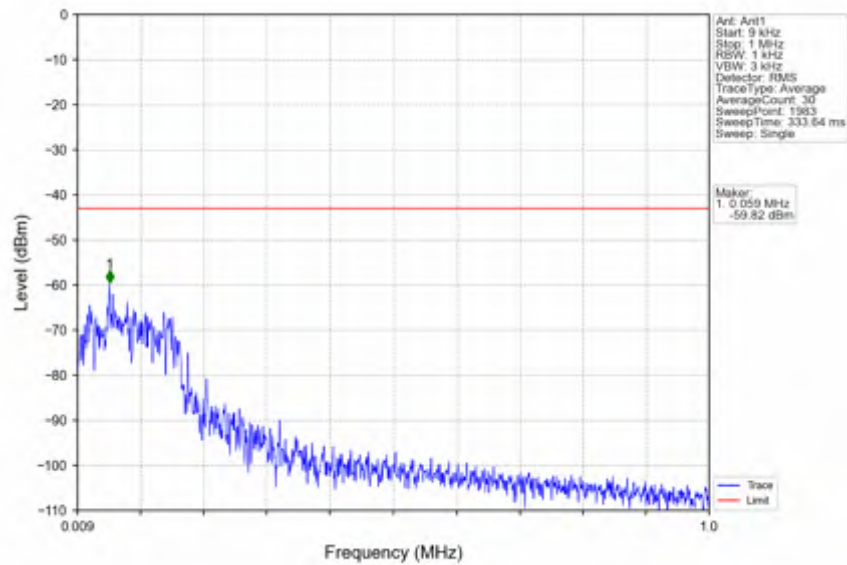
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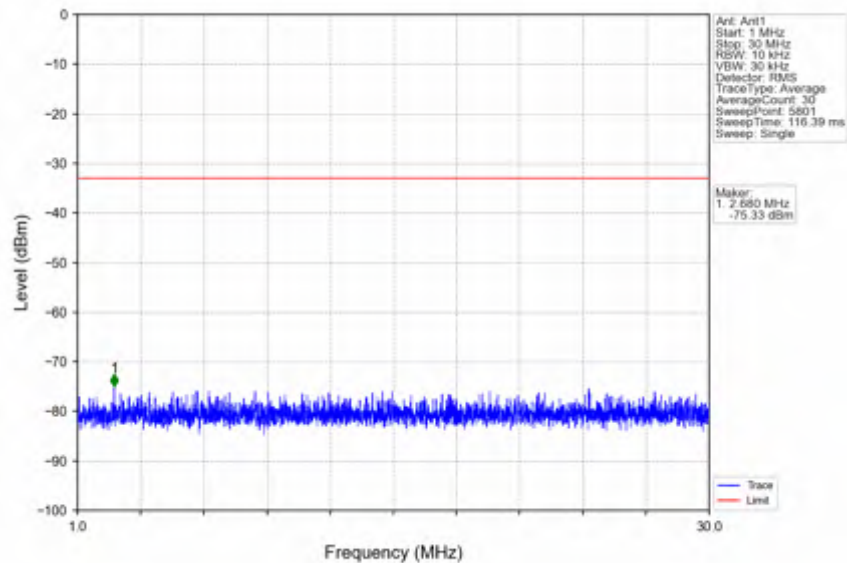
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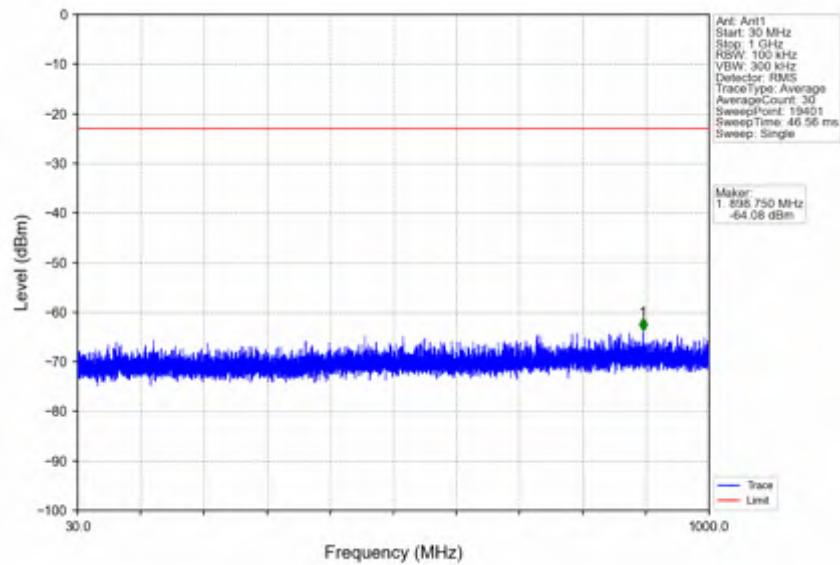
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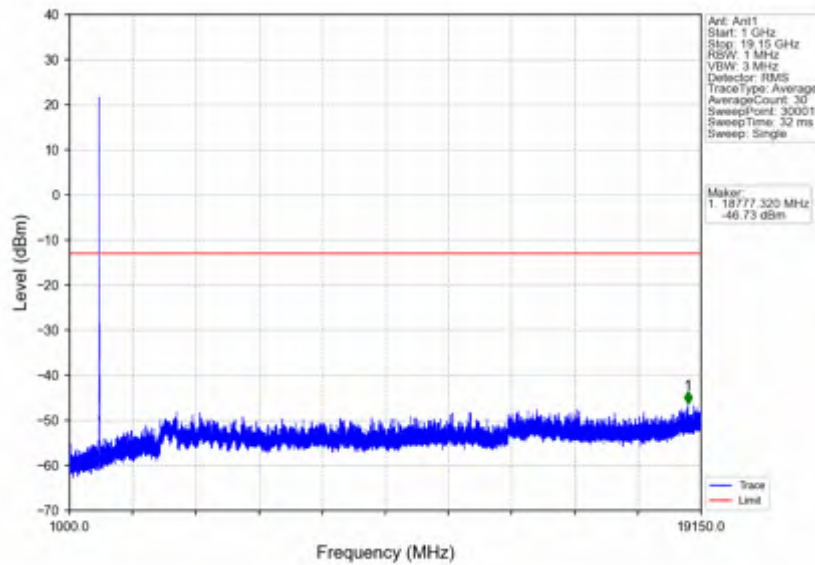
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_185MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_185MHz_Edge_1RB_Left



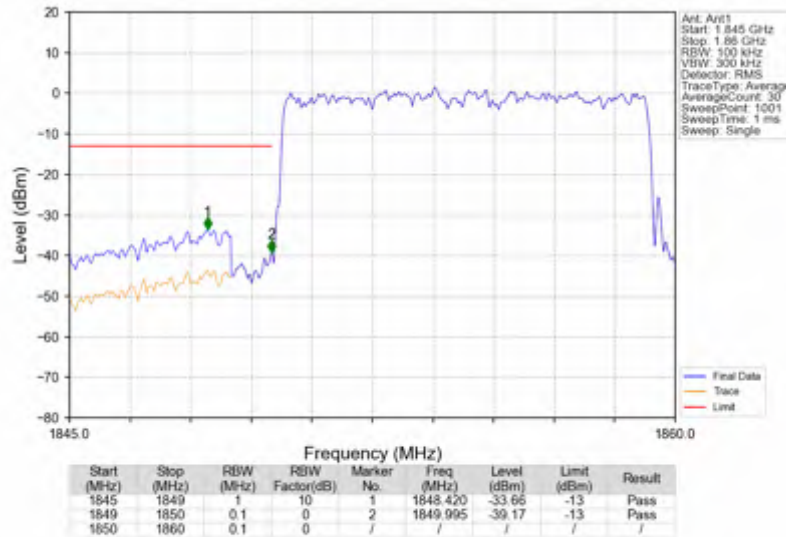
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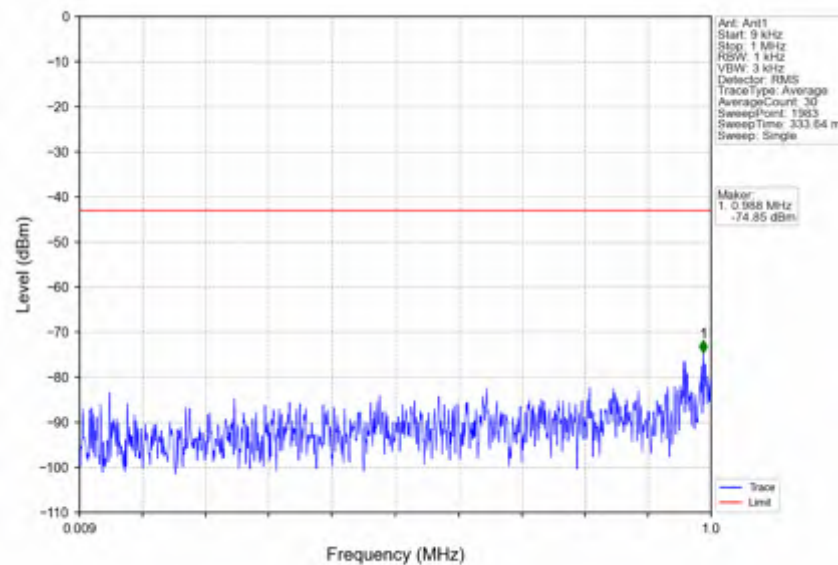
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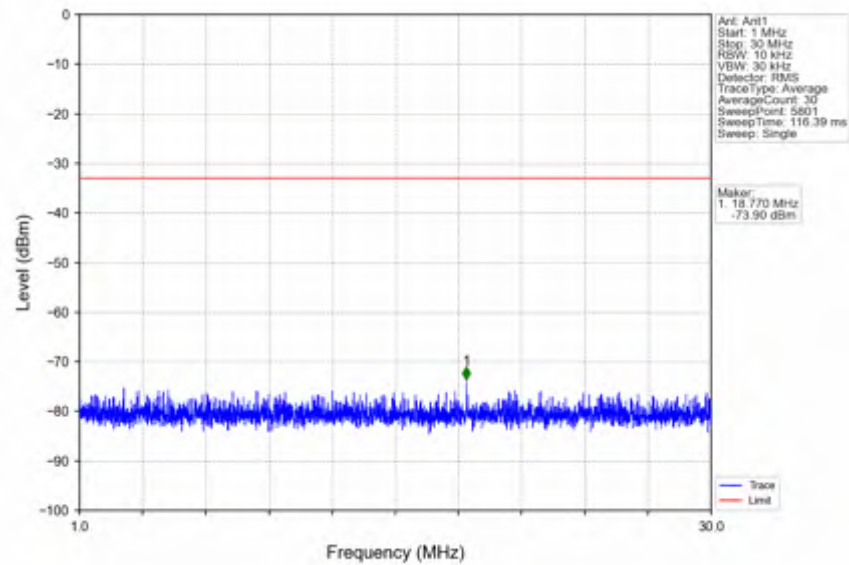


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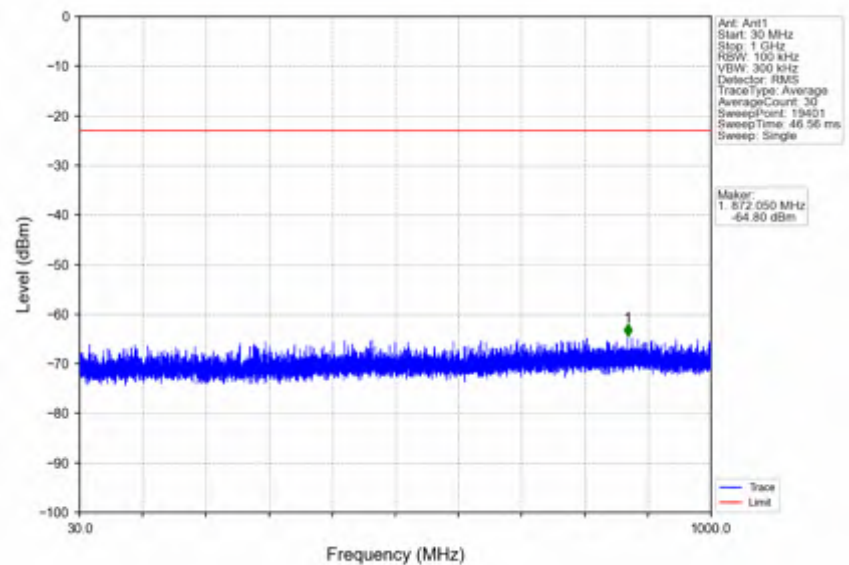
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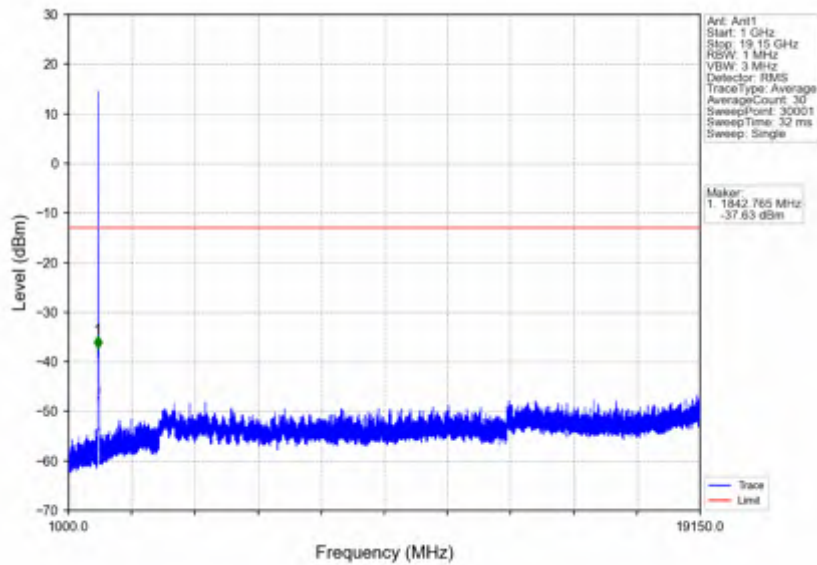


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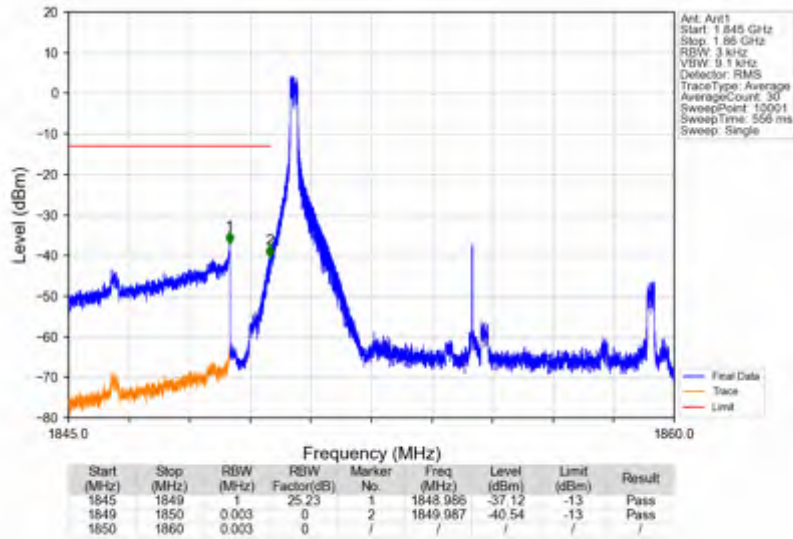
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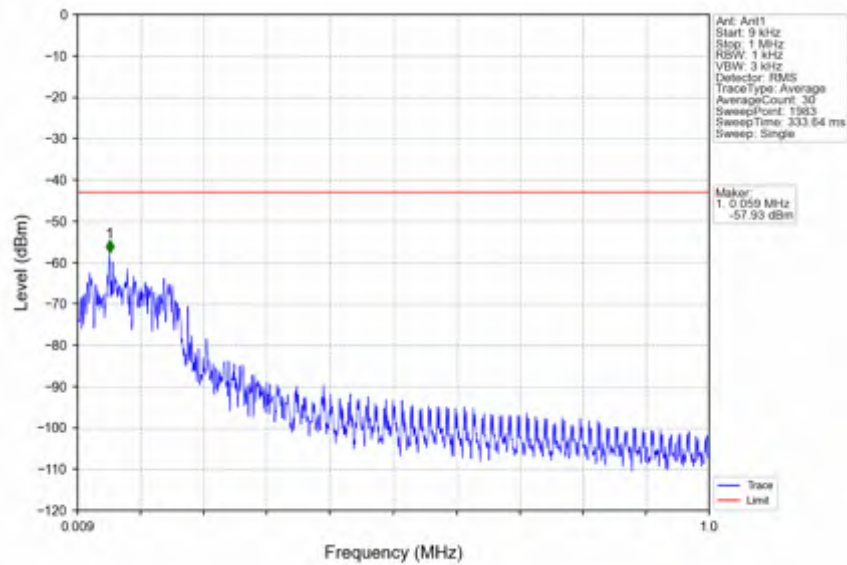
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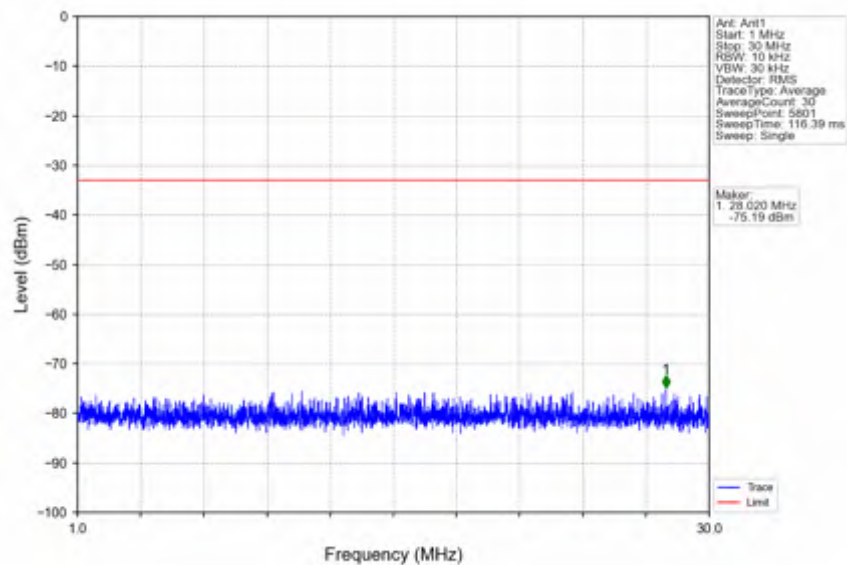
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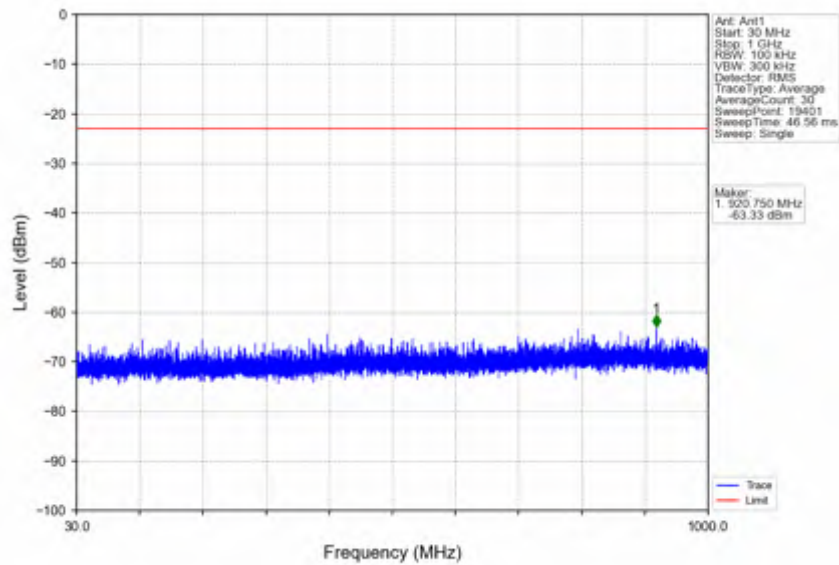
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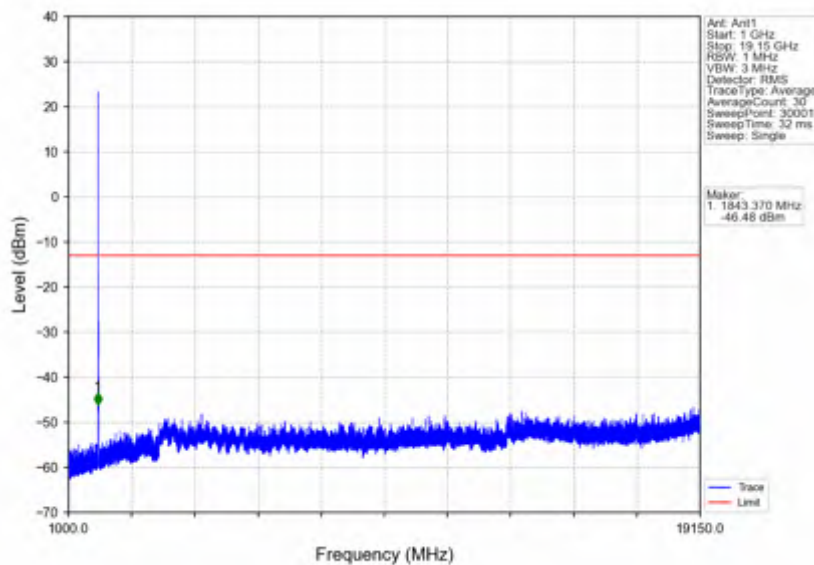
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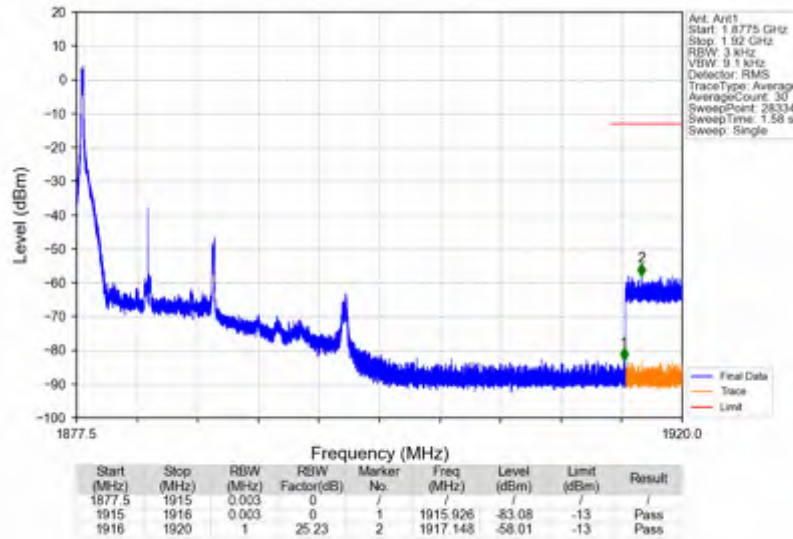
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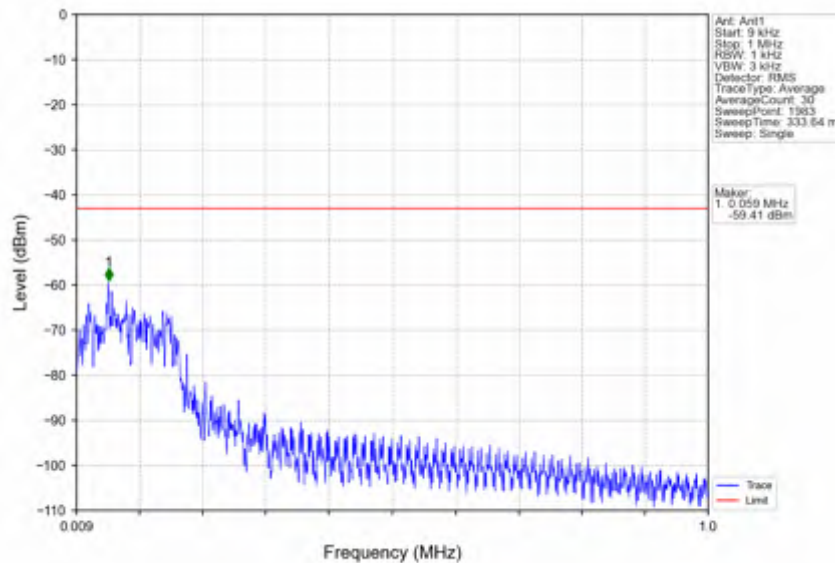
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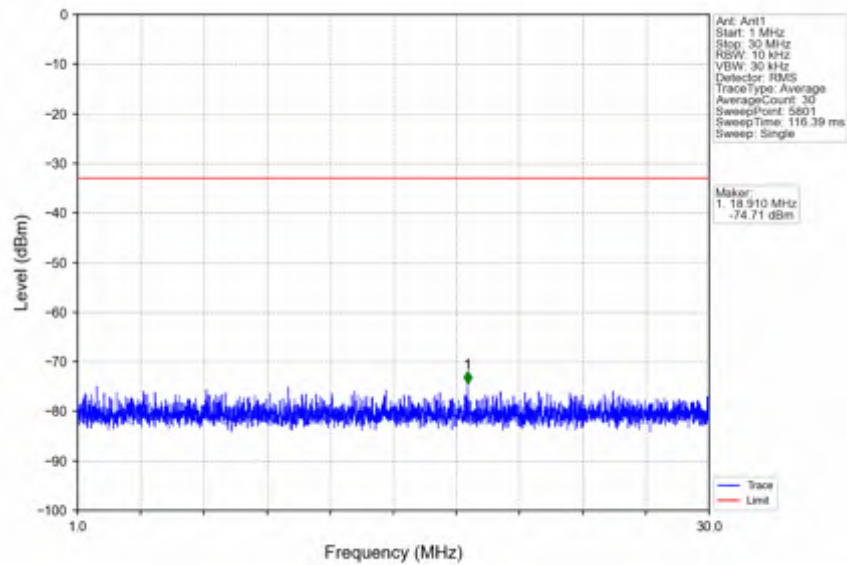


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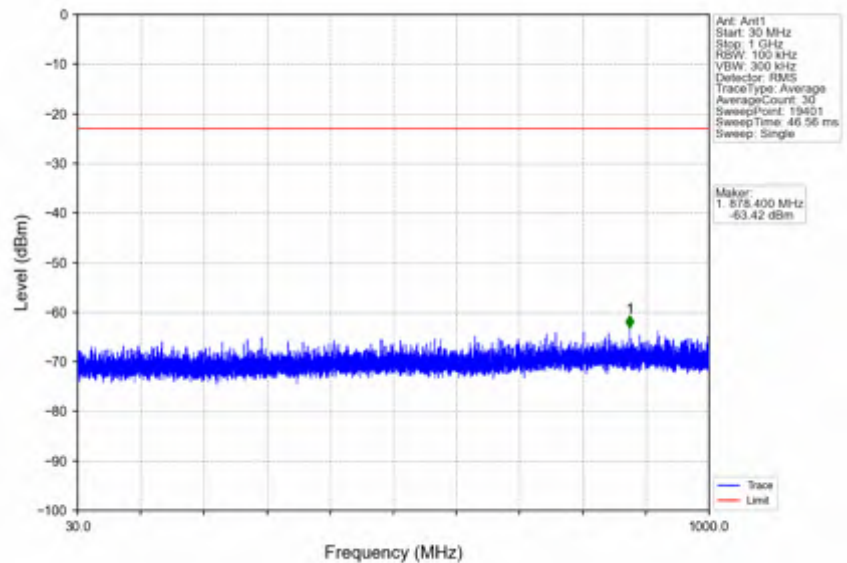
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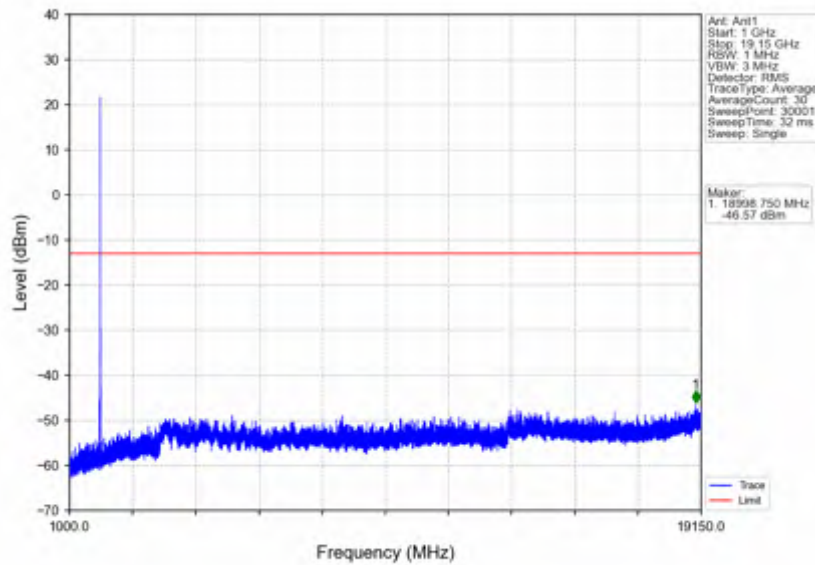


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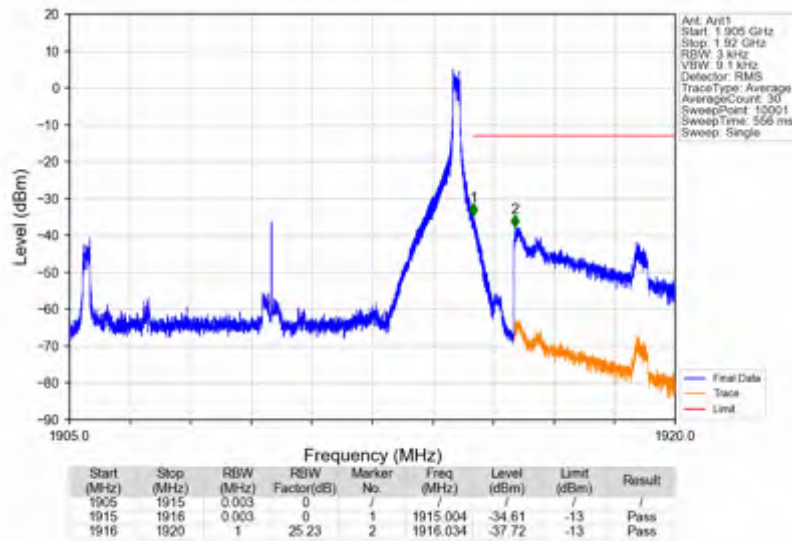
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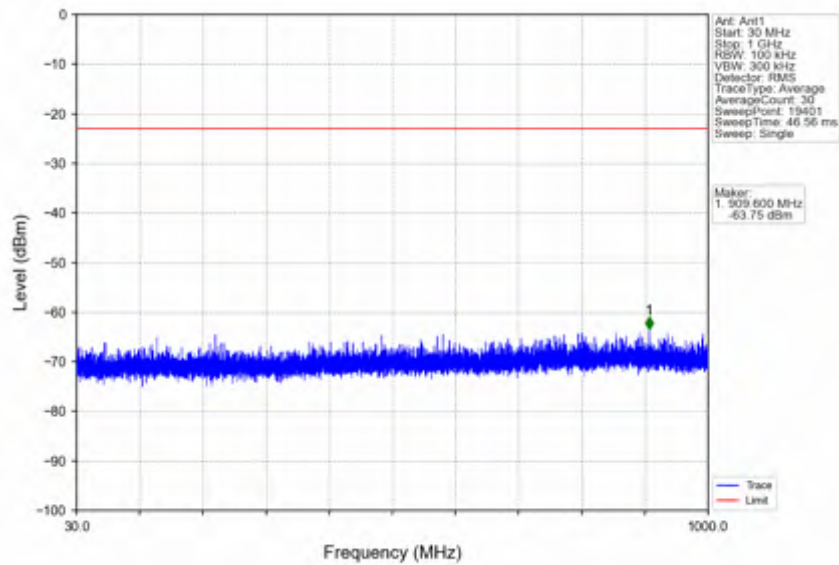
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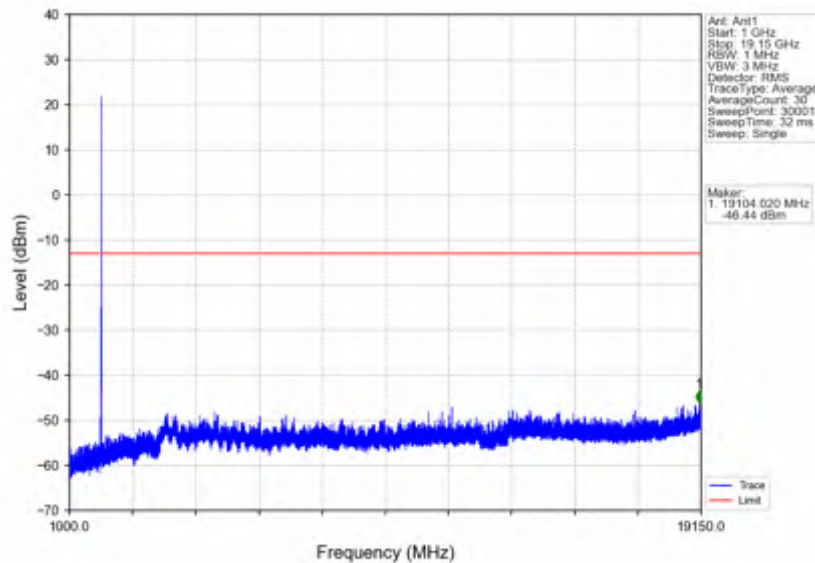
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Edge_1RB_Right



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Edge_1RB_Right



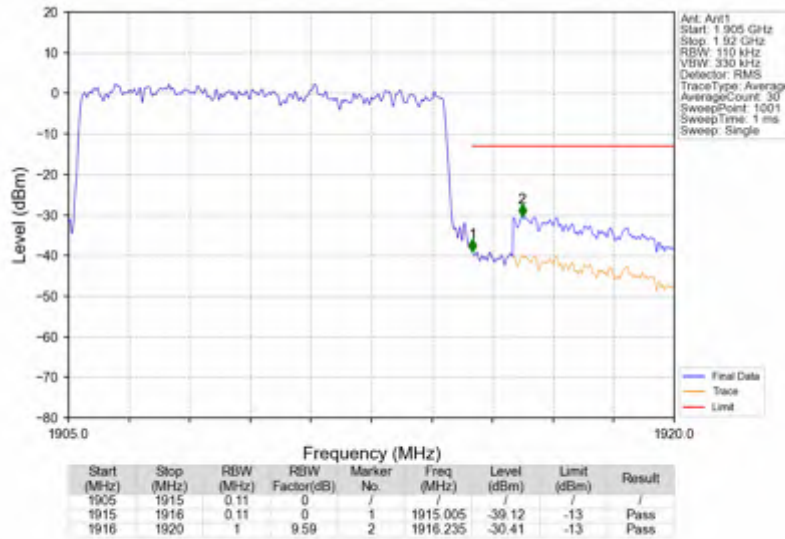
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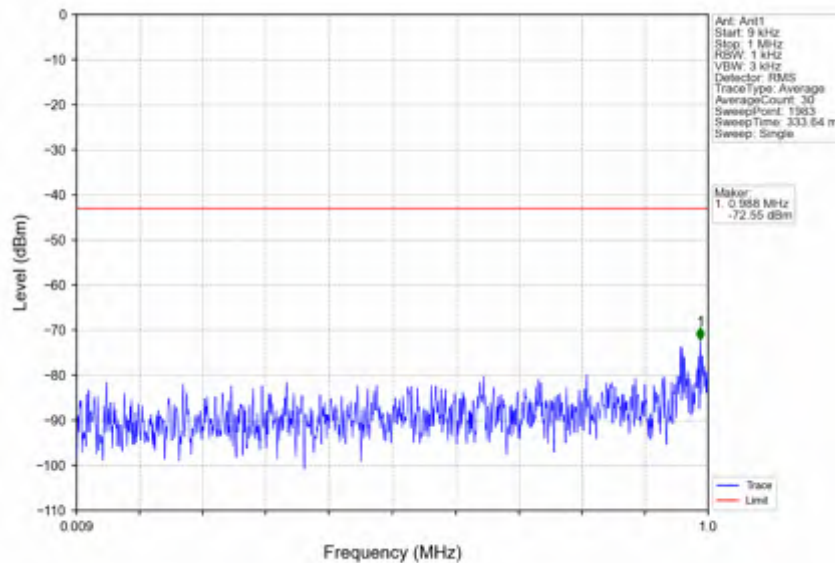
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Outer_Full



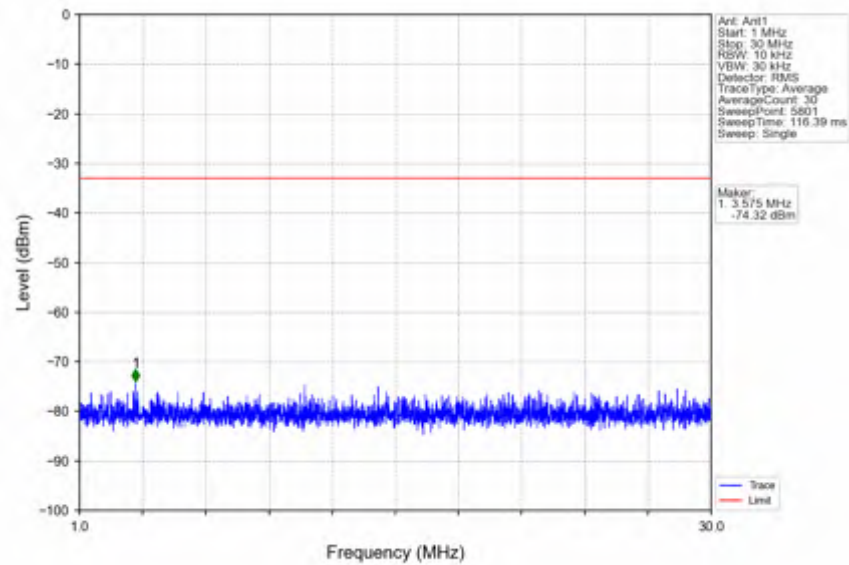
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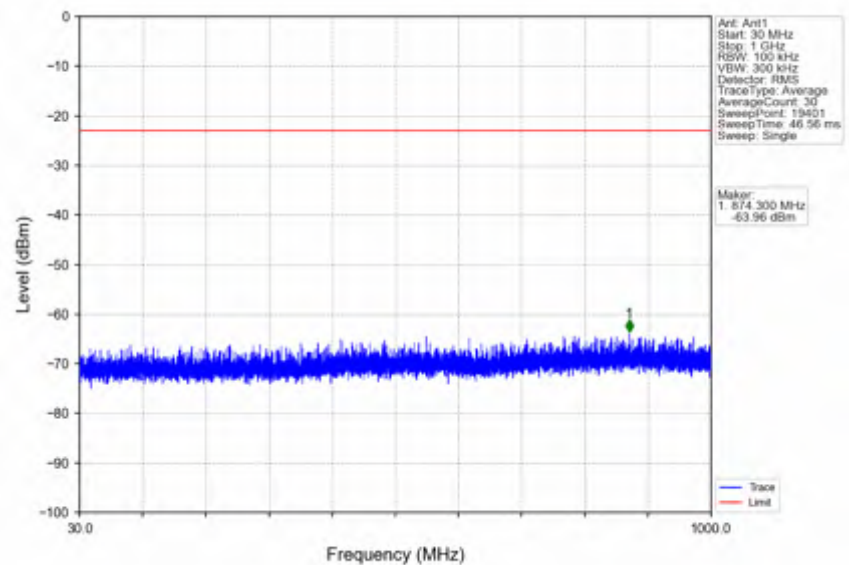
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Outer_Full



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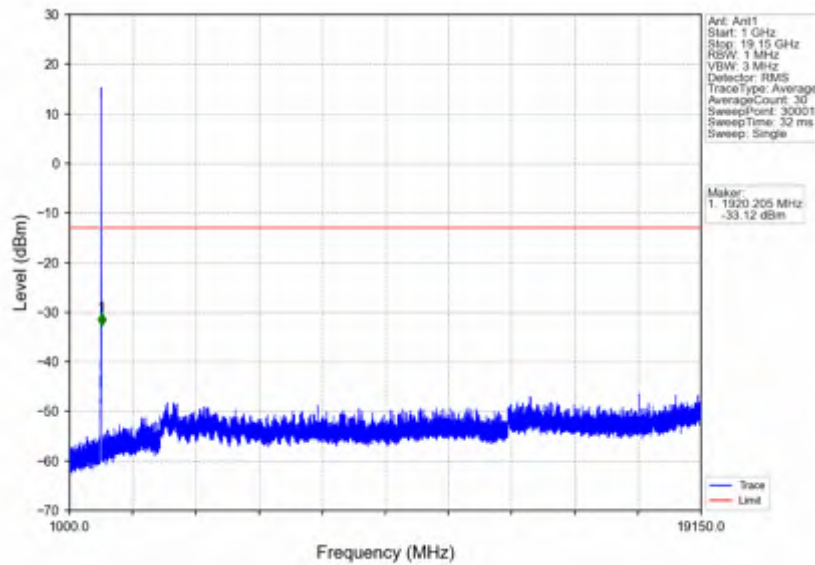


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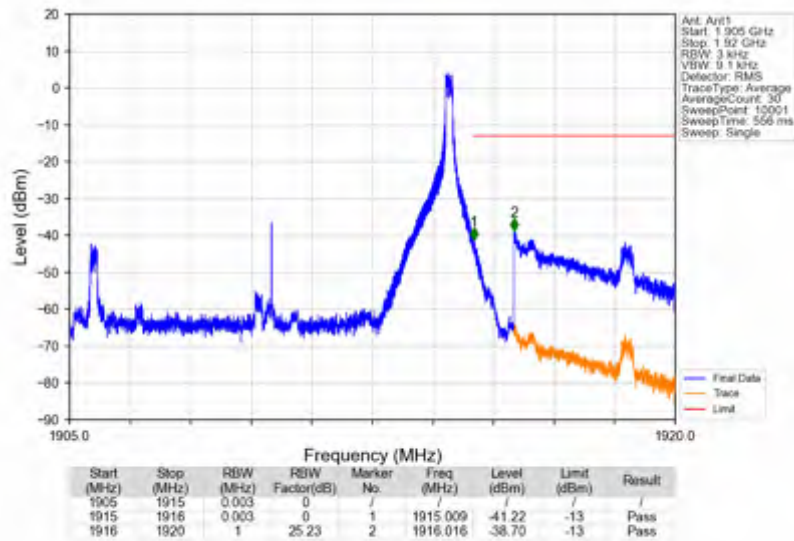
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Outer_Full



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Inner_1RB_Right



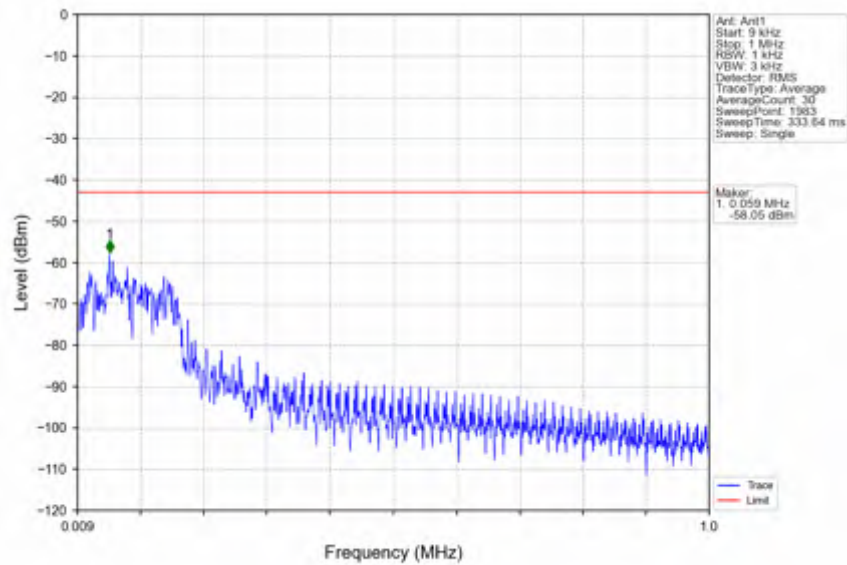
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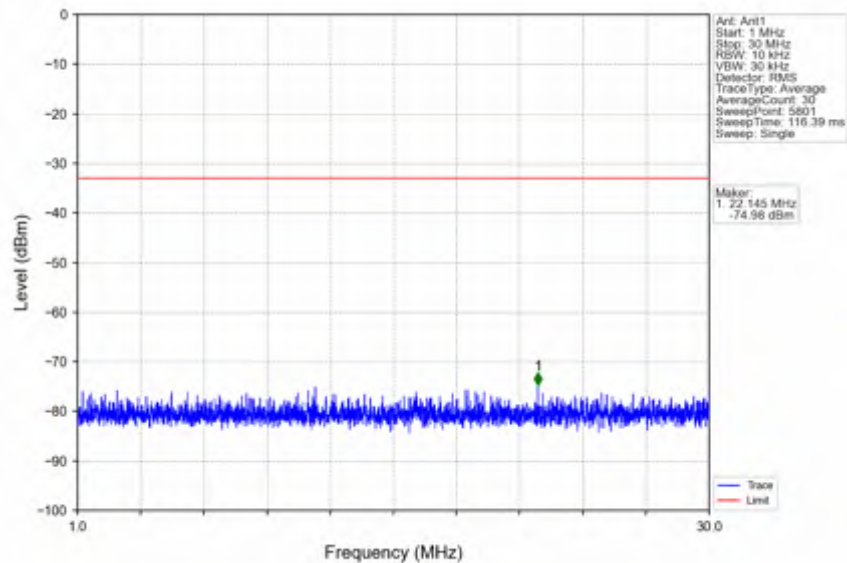
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Inner_1RB_Right



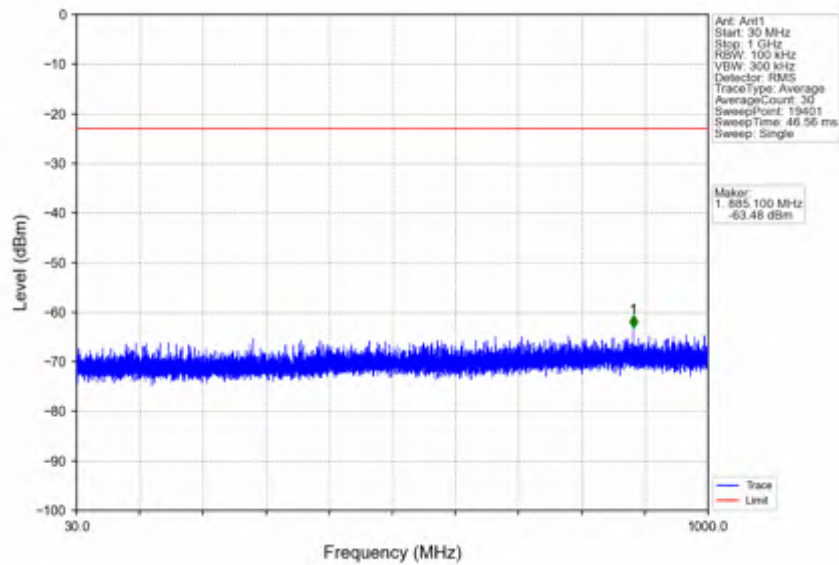
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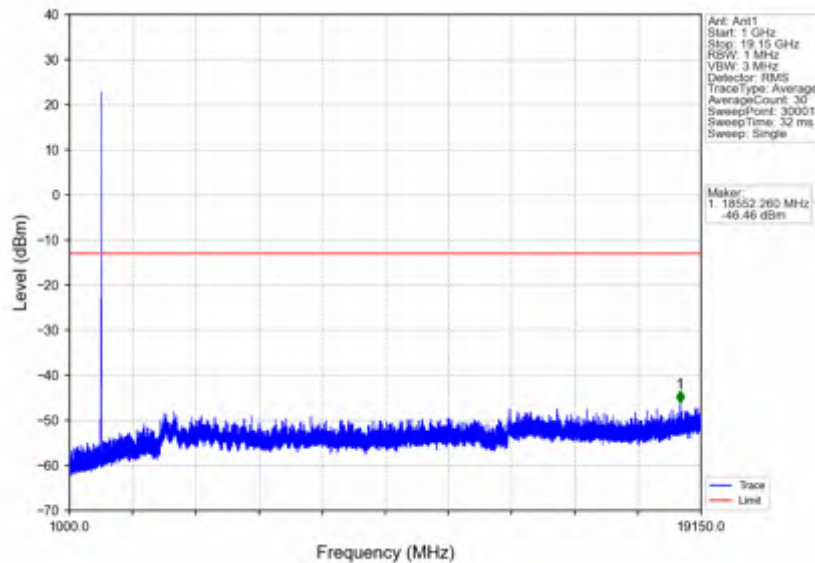
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n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Inner_1RB_Right



n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1910MHz_Inner_1RB_Right



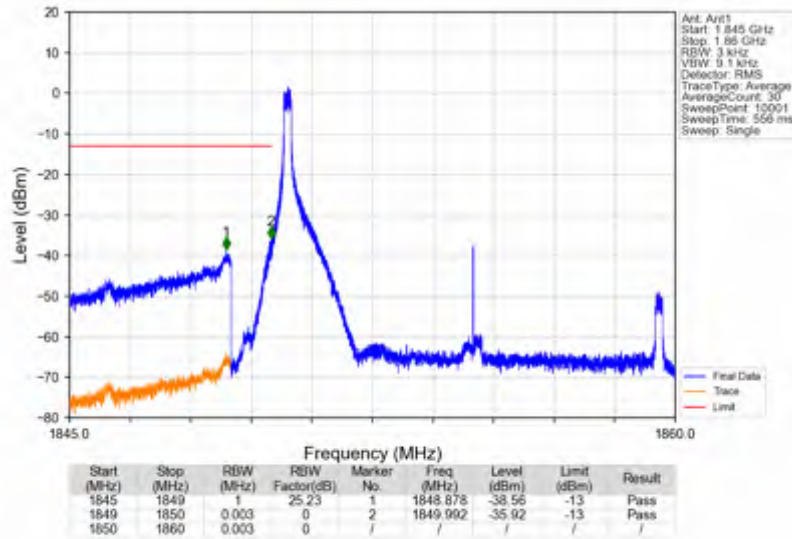
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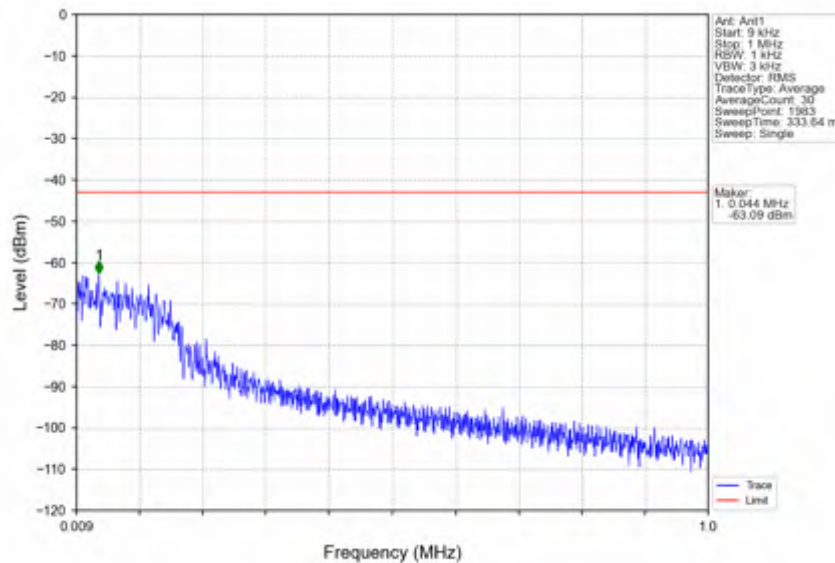
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n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Edge_1RB_Left

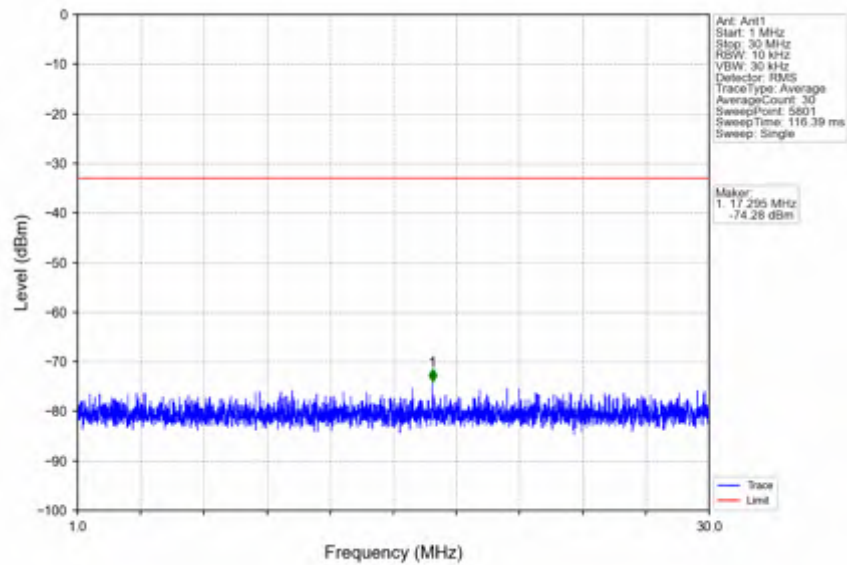


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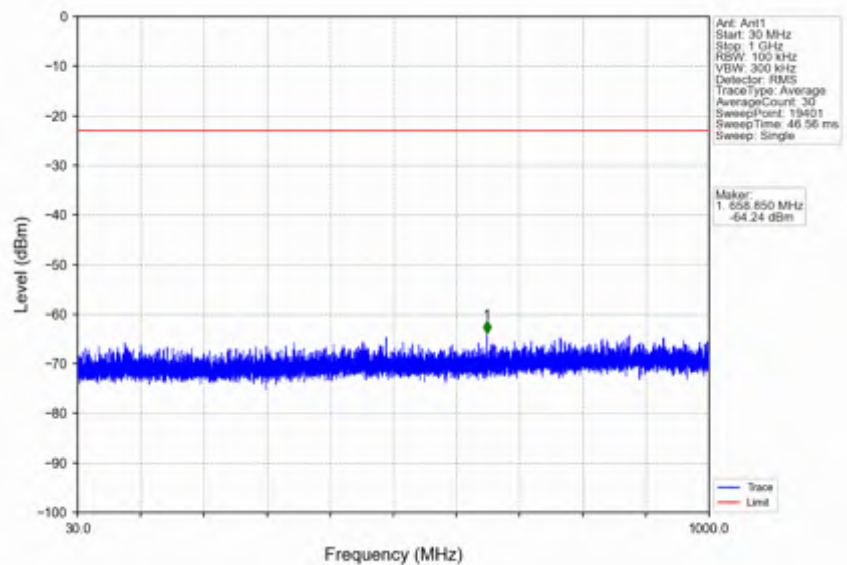
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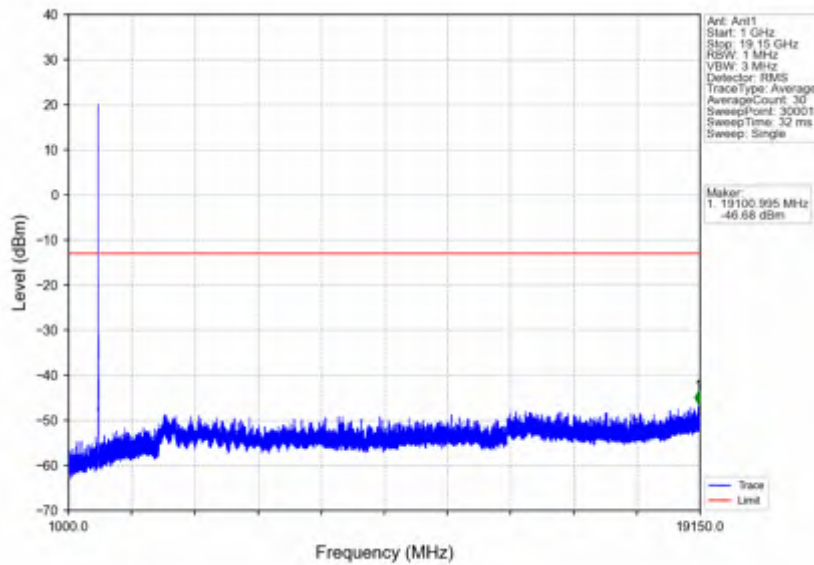
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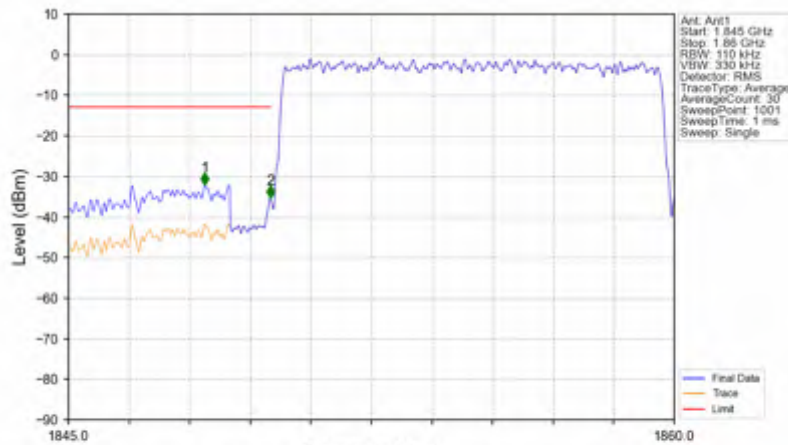
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n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Edge_1RB_Left



n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	0.59	1	1848.375	-32.15	-13	Pass
1849	1850	0.11	0	2	1849.995	-35.38	-13	Pass
1850	1860	0.11	0	/	/	/	/	/



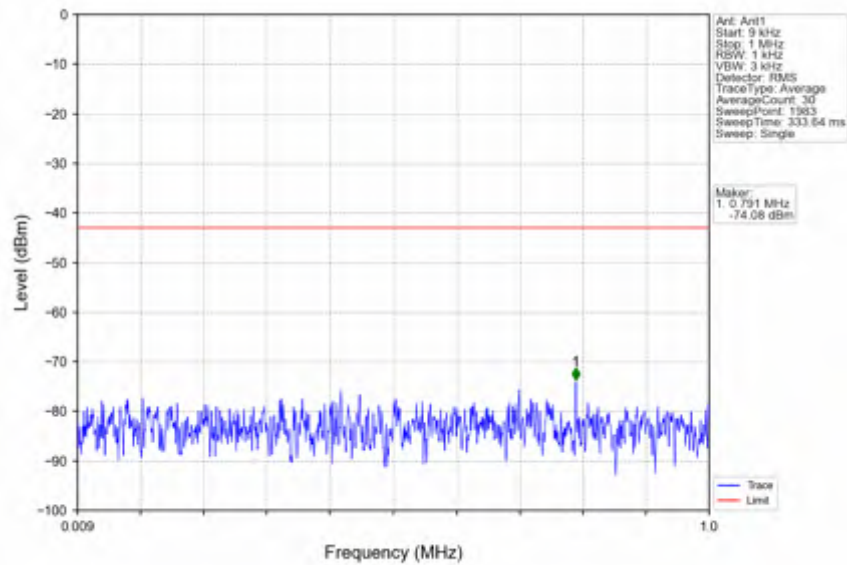
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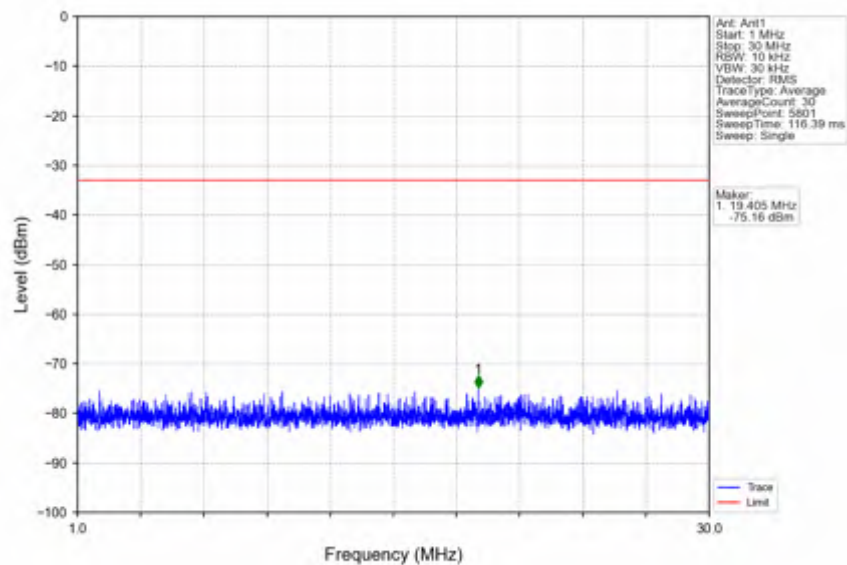
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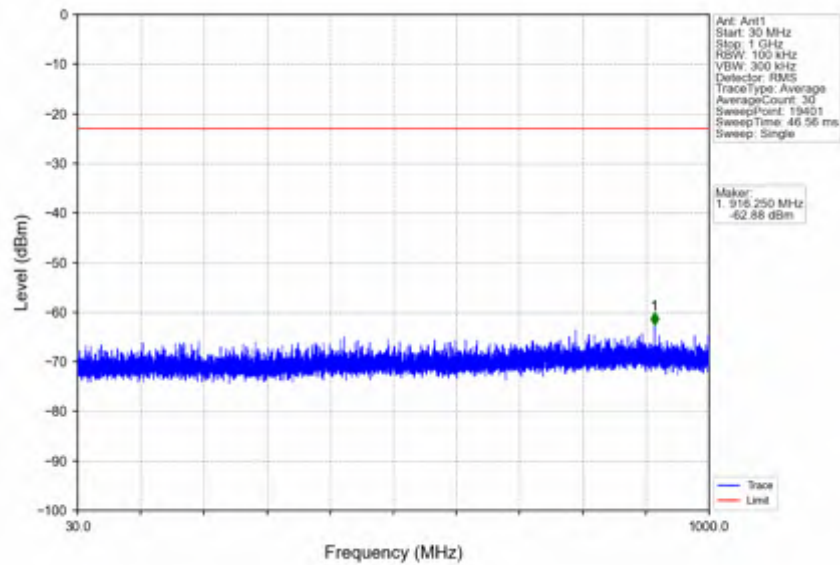
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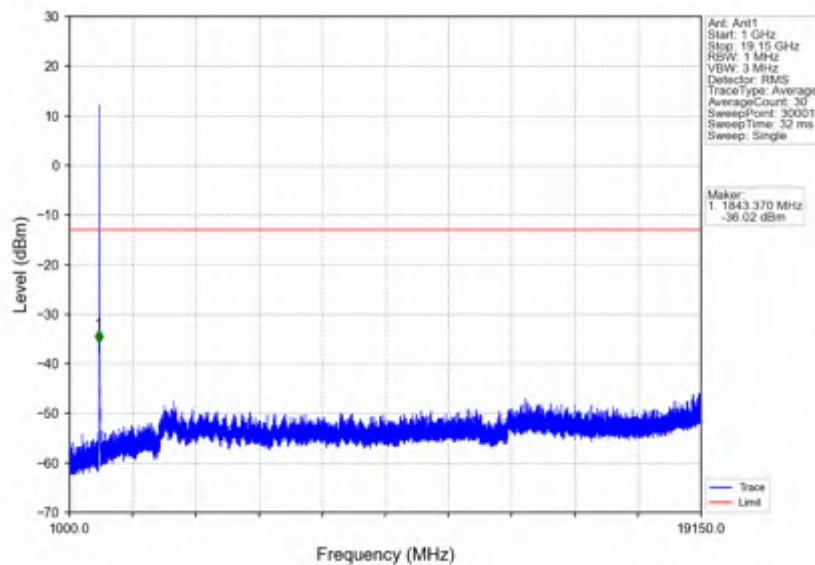
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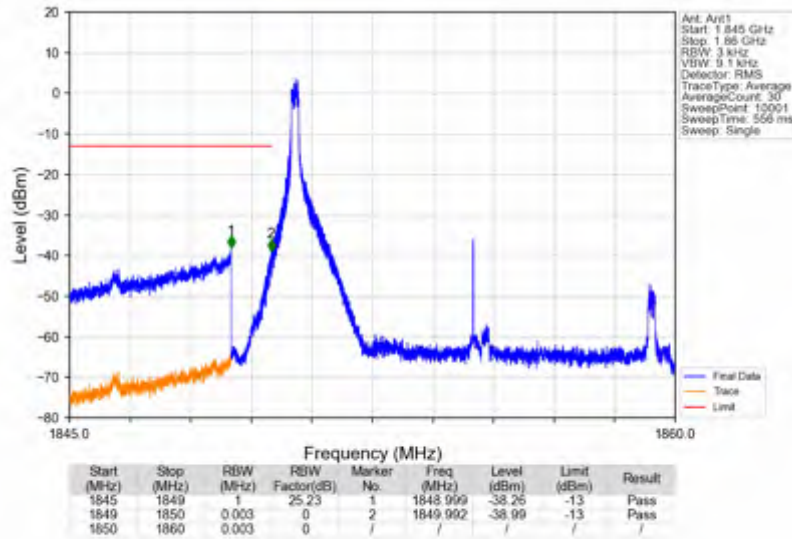
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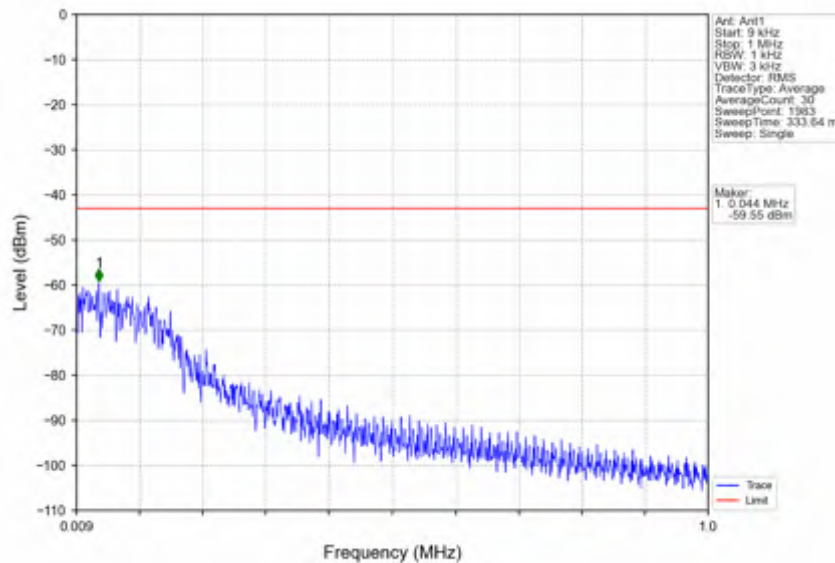
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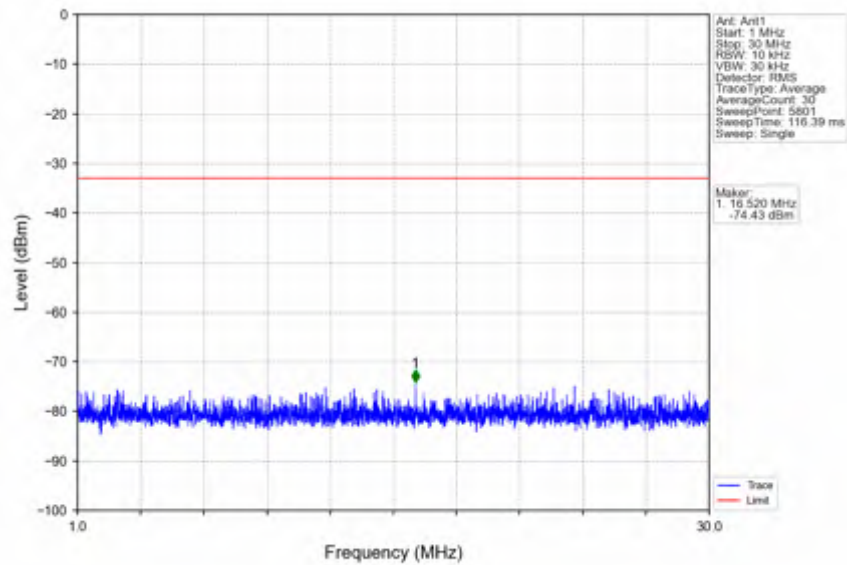


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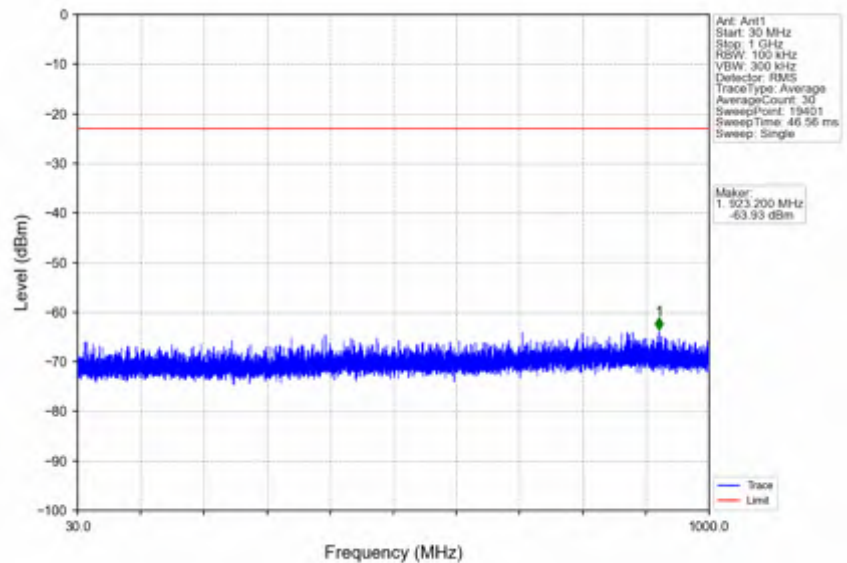
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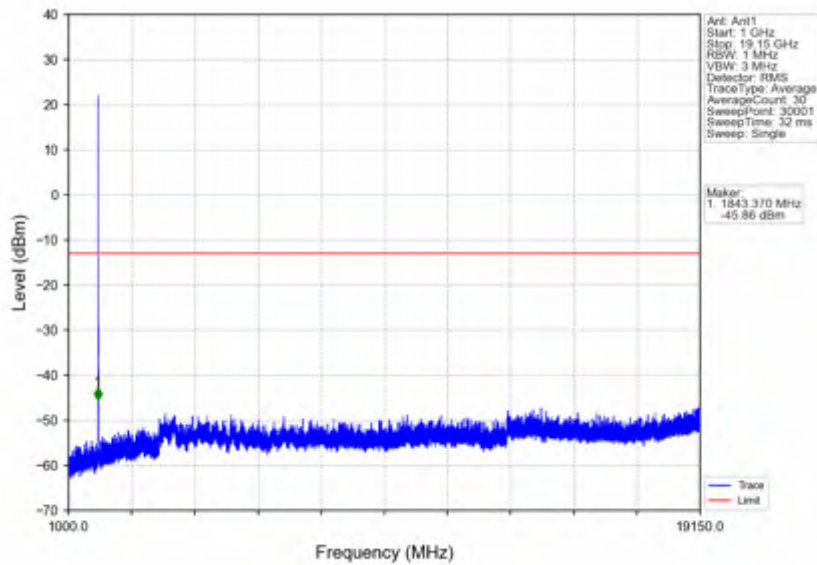
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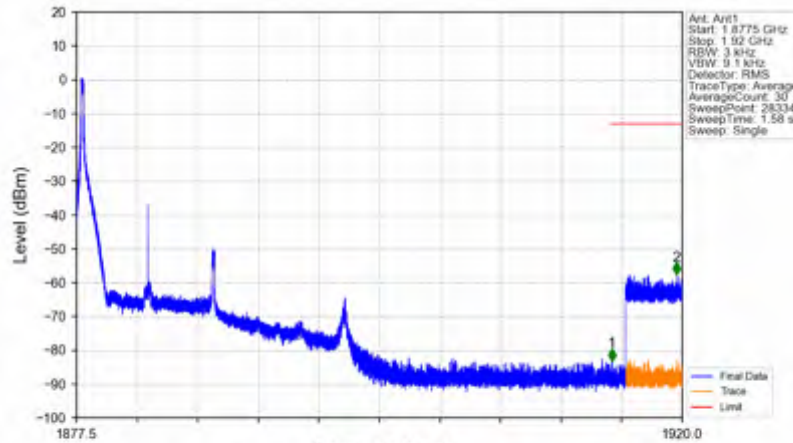
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n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1855MHz_Inner_1RB_Left



n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1877.5	1915	0.003	0	1	1915.074	-83.18	-13	Pass
1915	1916	0.003	0	1	1915.074	-83.18	-13	Pass
1916	1920	1	25.23	2	1919.622	-57.62	-13	Pass



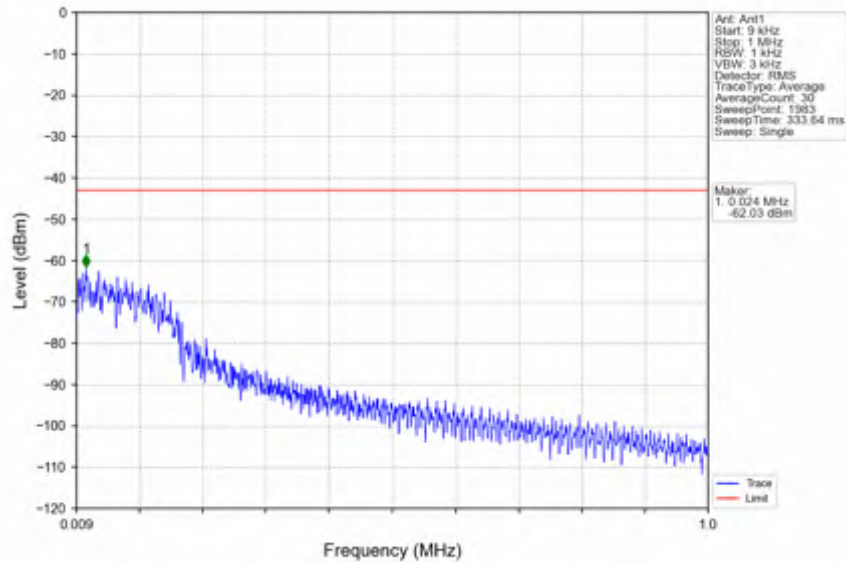
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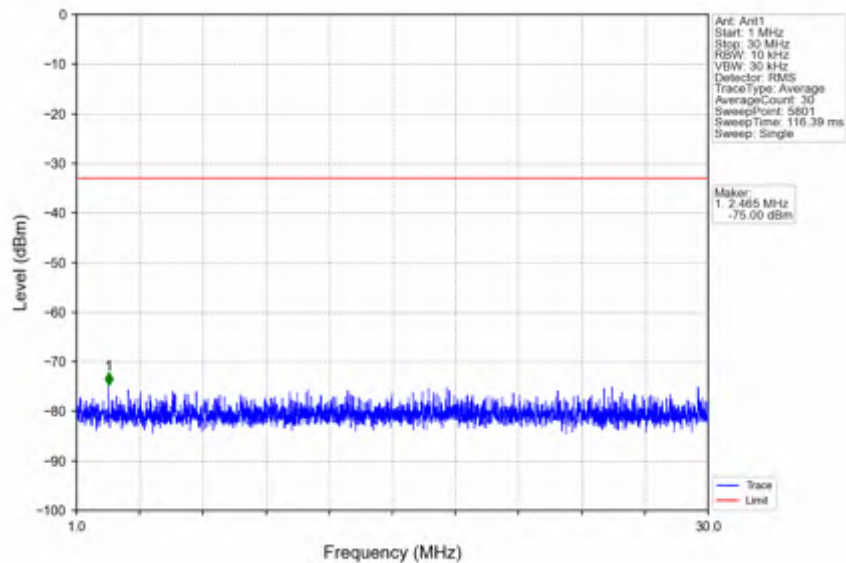
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n25_15kHz_SISO_NTVV_10MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left



n25_15kHz_SISO_NTVV_10MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left



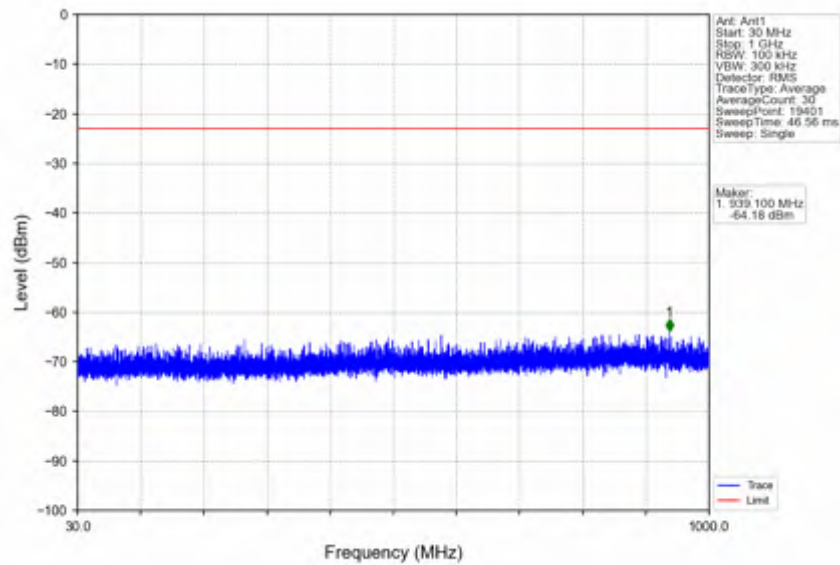
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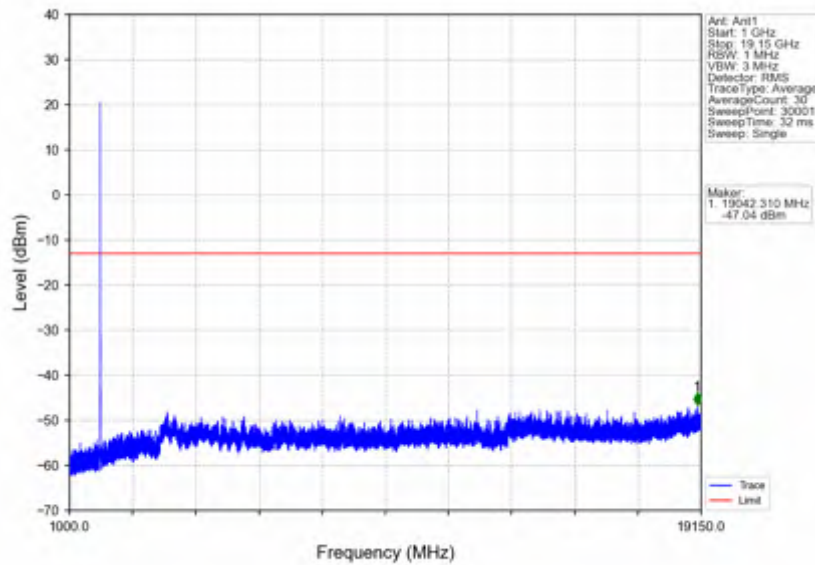
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n25_15kHz_SISO_NTVV_10MHz_CP-OFDM QPSK_1882.5MHz_Edge_1RB_Left



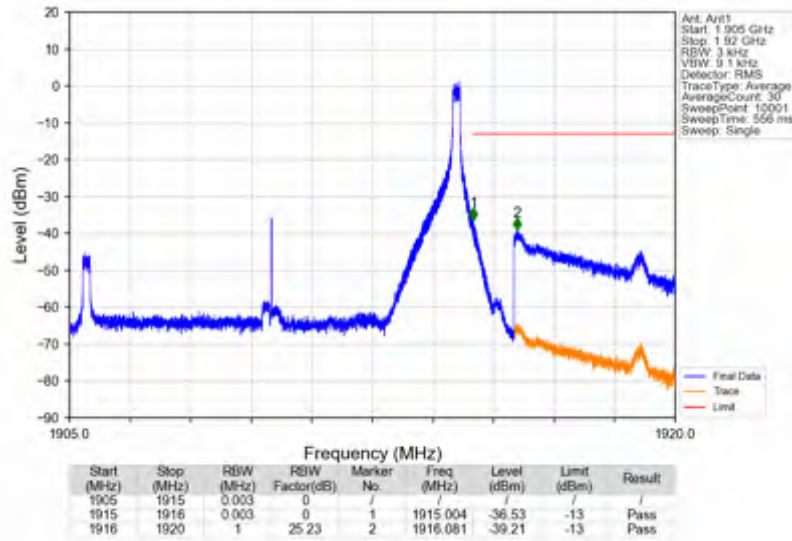
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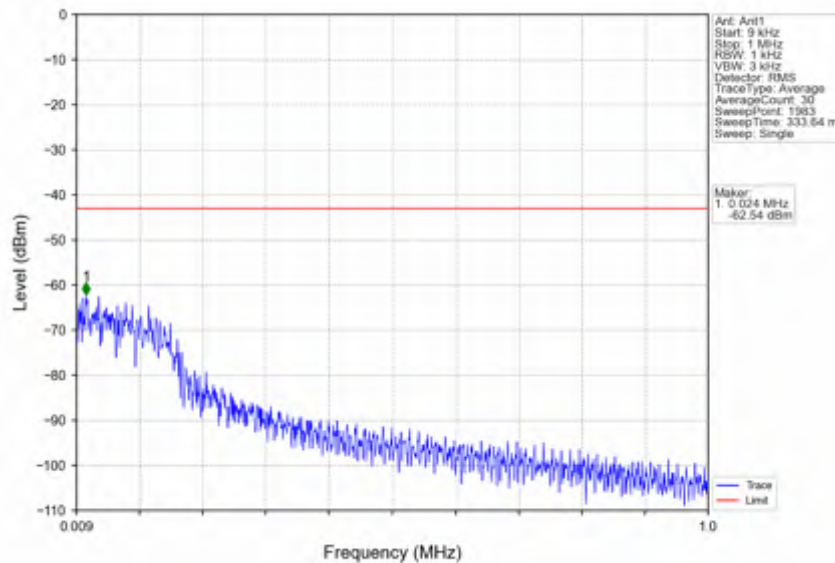
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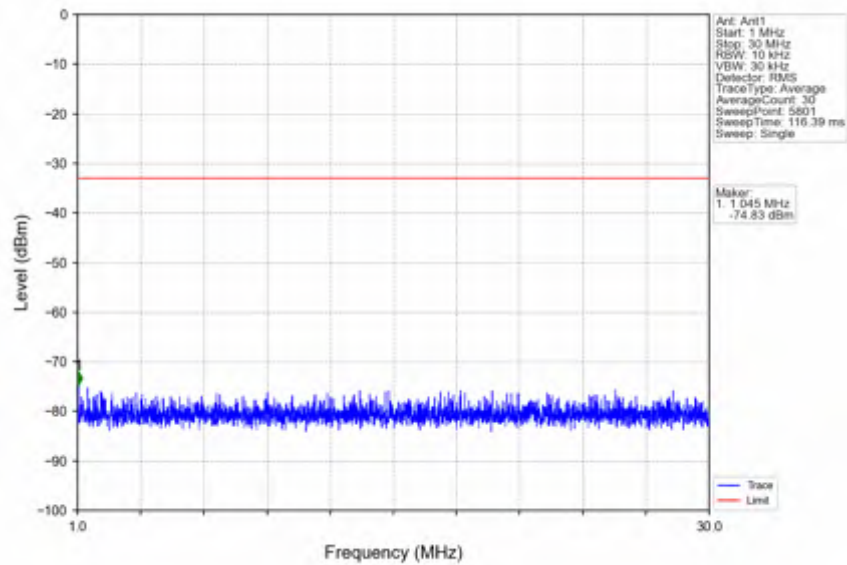


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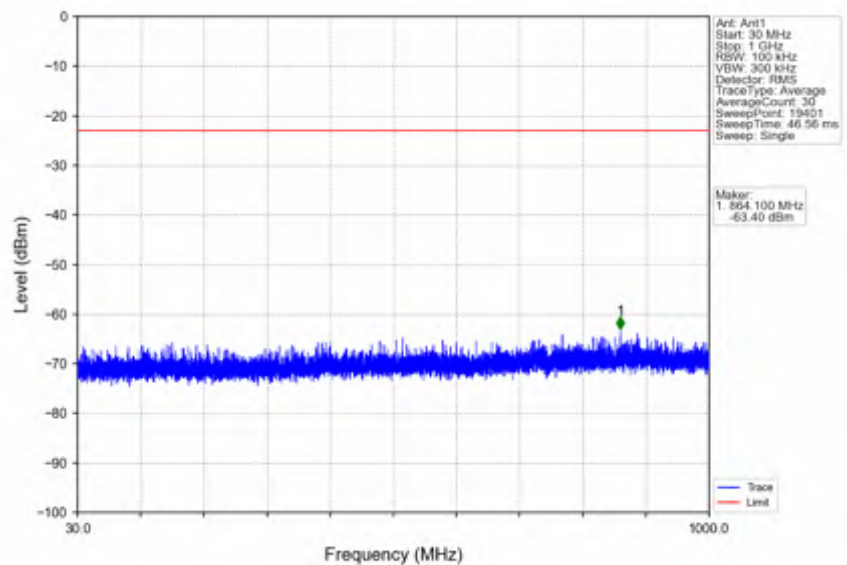
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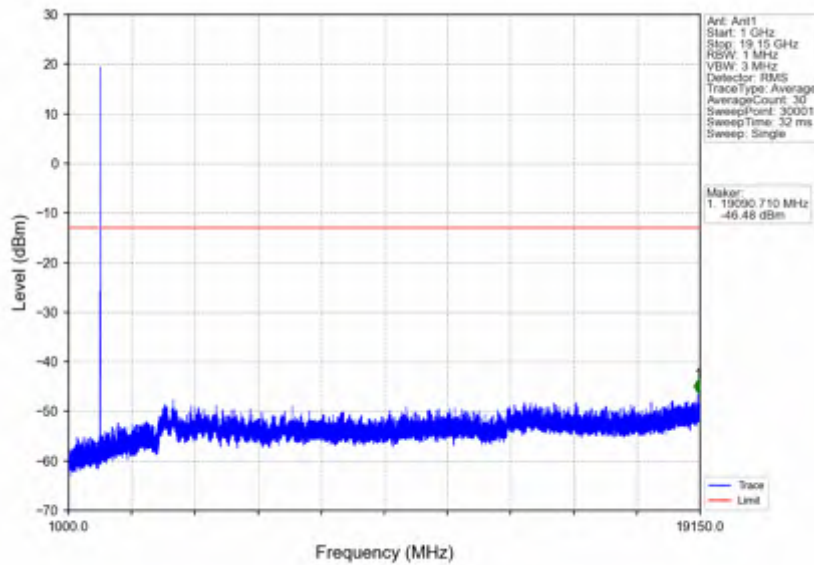
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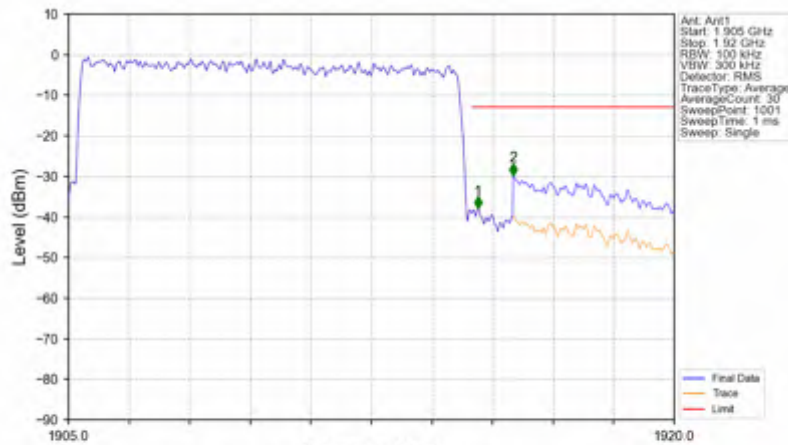
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n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1910MHz_Edge_1RB_Right



n25_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1910MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.1	0	/	/	/	/	/
1915	1916	0.1	0	1	1915.140	-37.95	-13	Pass
1916	1920	1	10	2	1916.010	-29.78	-13	Pass



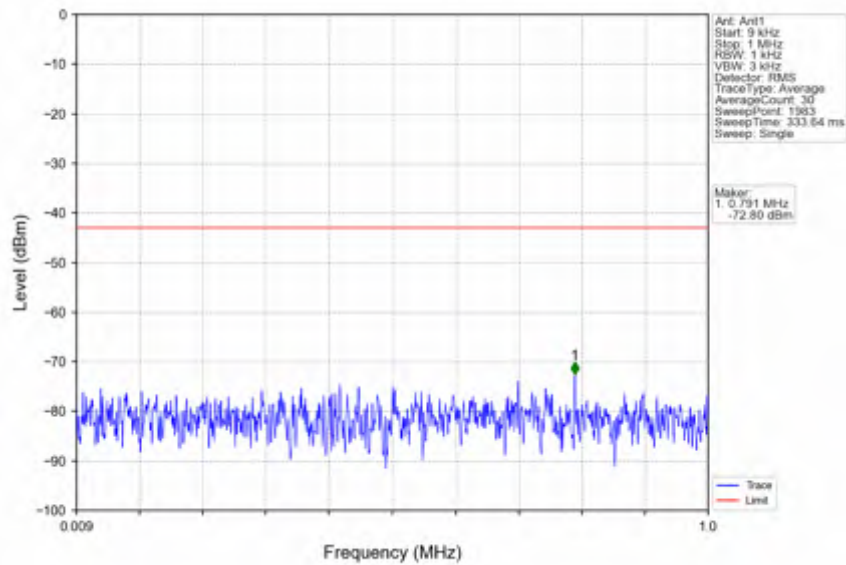
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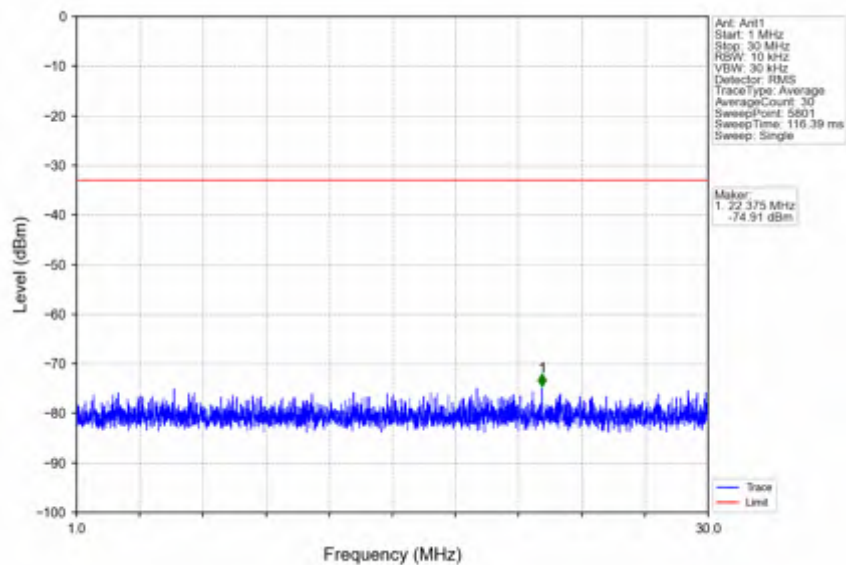
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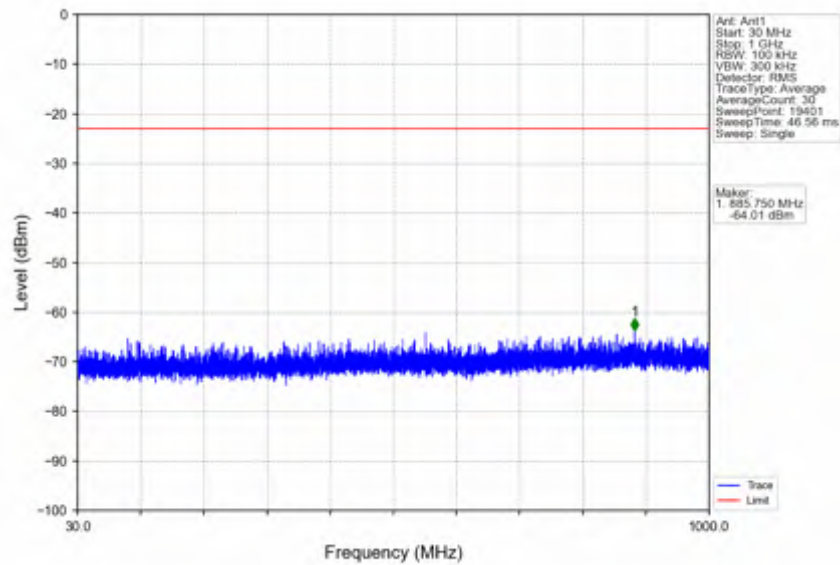


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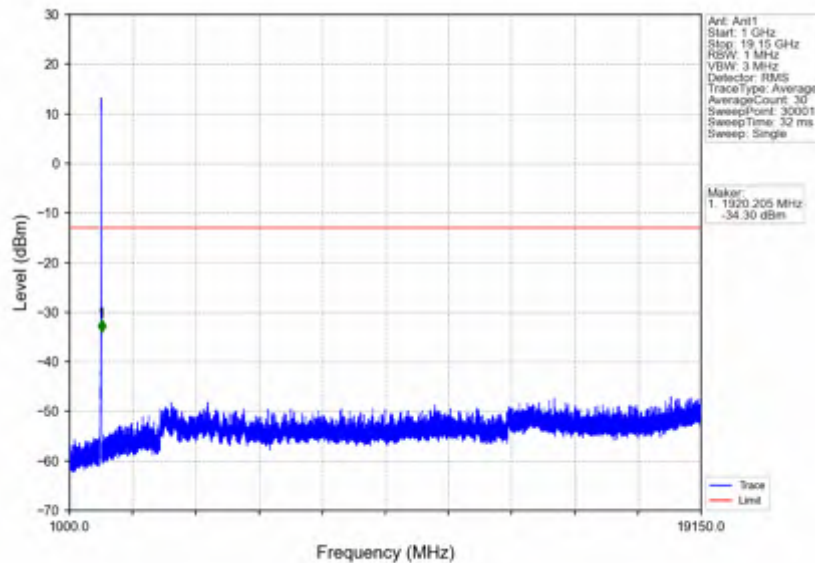
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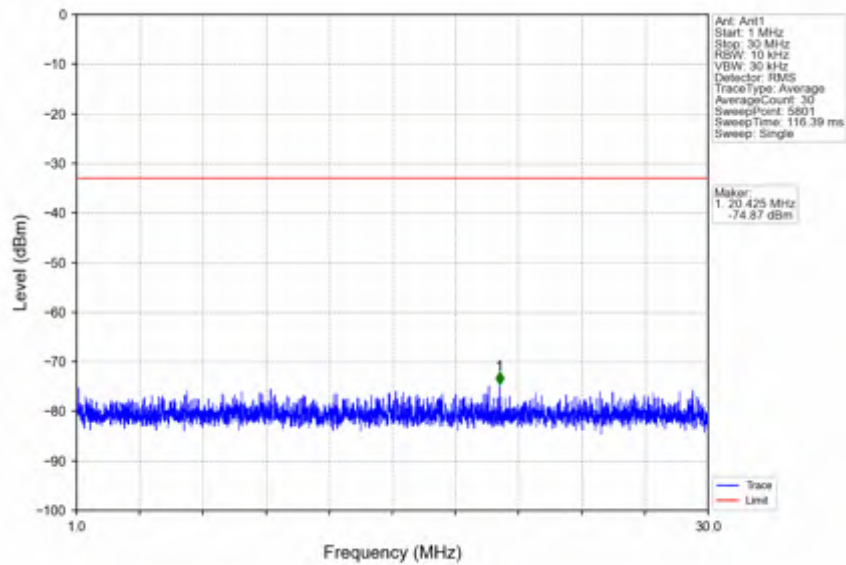
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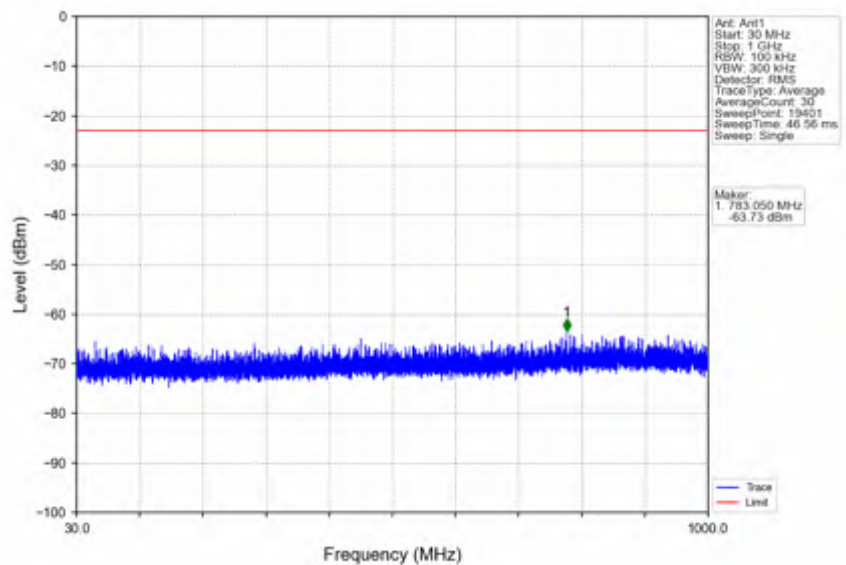
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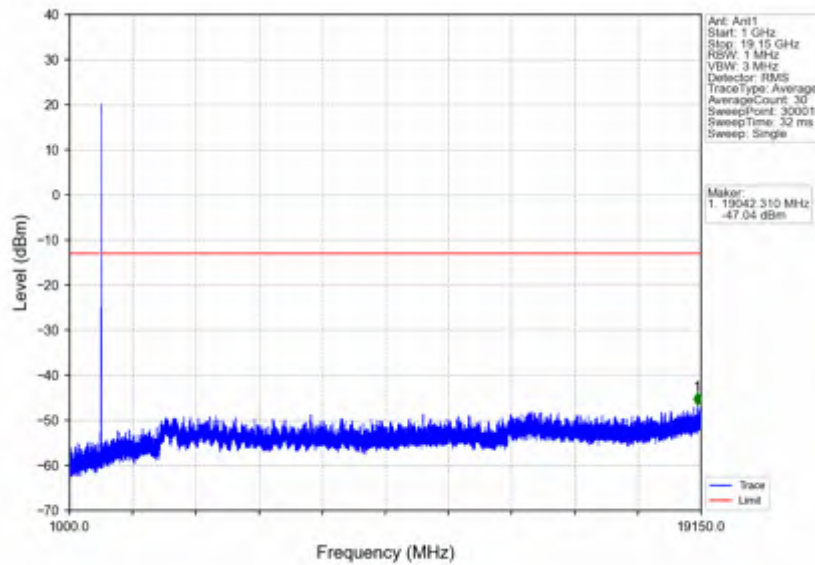
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4.3 15k_SISO_15MHz_NTNV

4.3.1 Test Result

5G NR n25 SCS=15kHz SISO 15MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	1857.5	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	1882.5	Edge_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Right	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
1907.5	Inner_1RB_Right	Refer To Test Graph			Pass		
	1857.5	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	1882.5	Edge_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Right	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	1907.5	Inner_1RB_Right	Refer To Test Graph			Pass	
		1857.5	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	1882.5	Edge_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Right	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	1907.5	Inner_1RB_Right	Refer To Test Graph			Pass	
		1857.5	Edge_1RB_Left	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
Inner_1RB_Left	Refer To Test Graph			Pass			



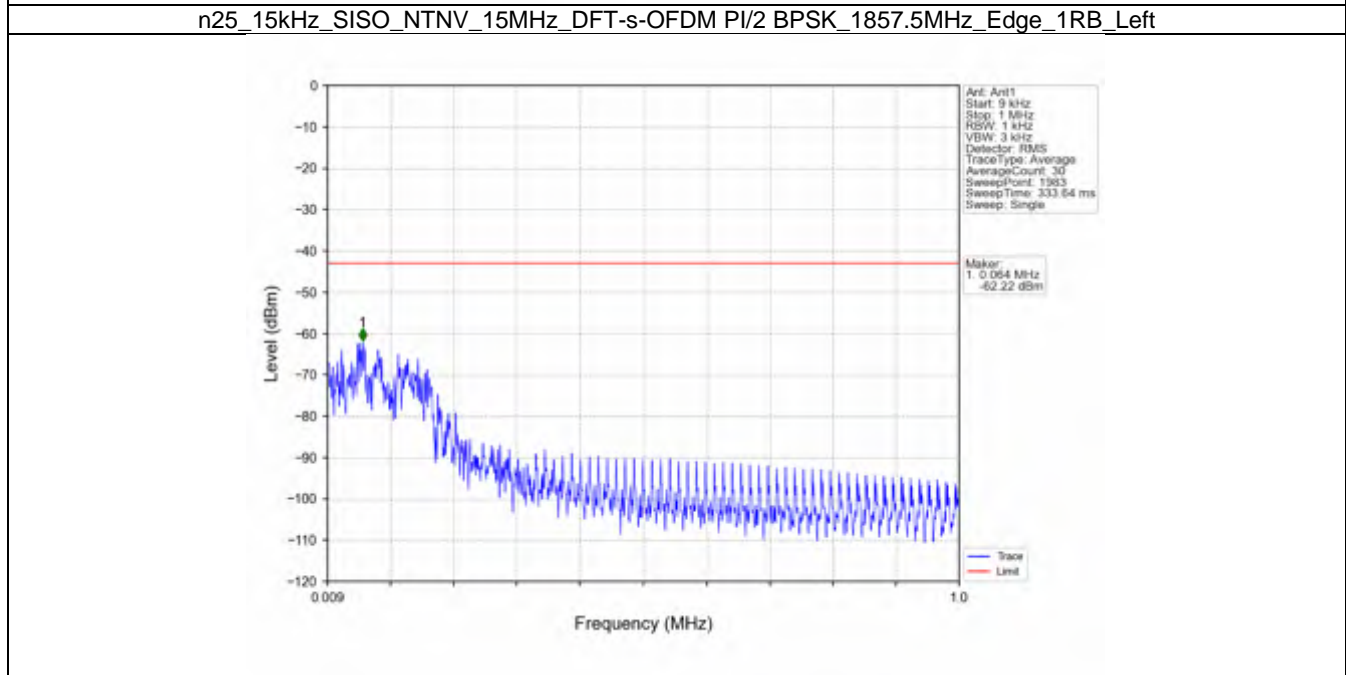
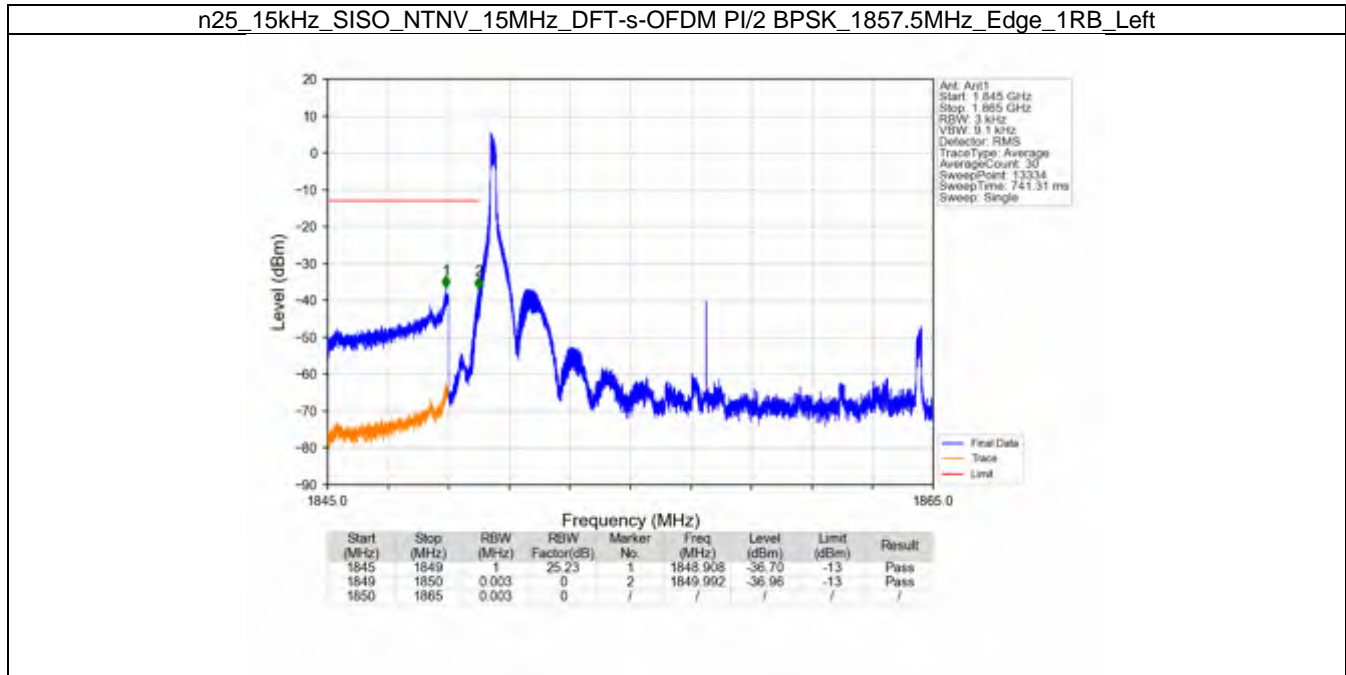
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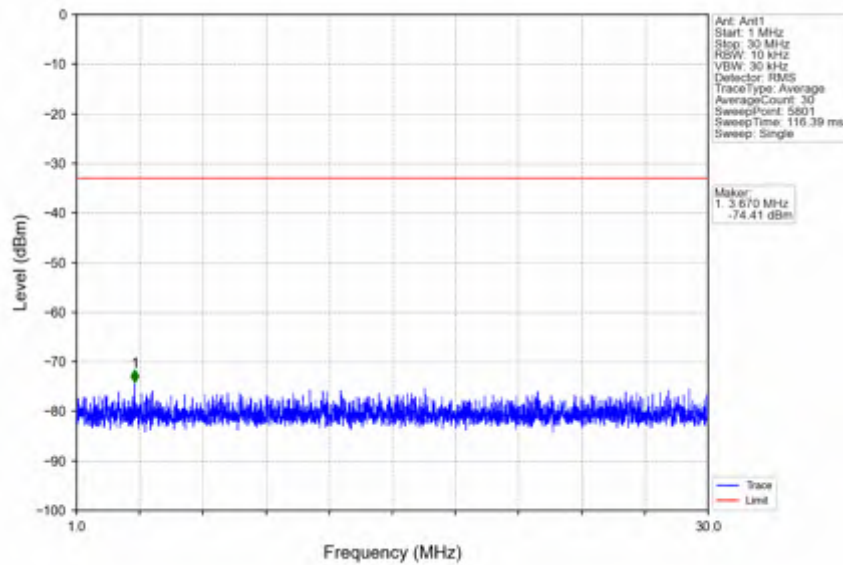
4.3.2 Test Graph



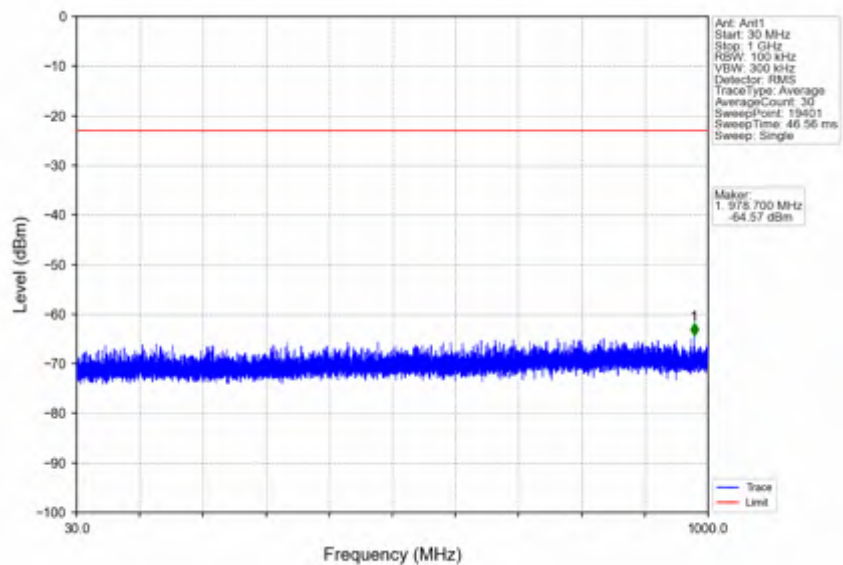
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n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Edge_1RB_Left



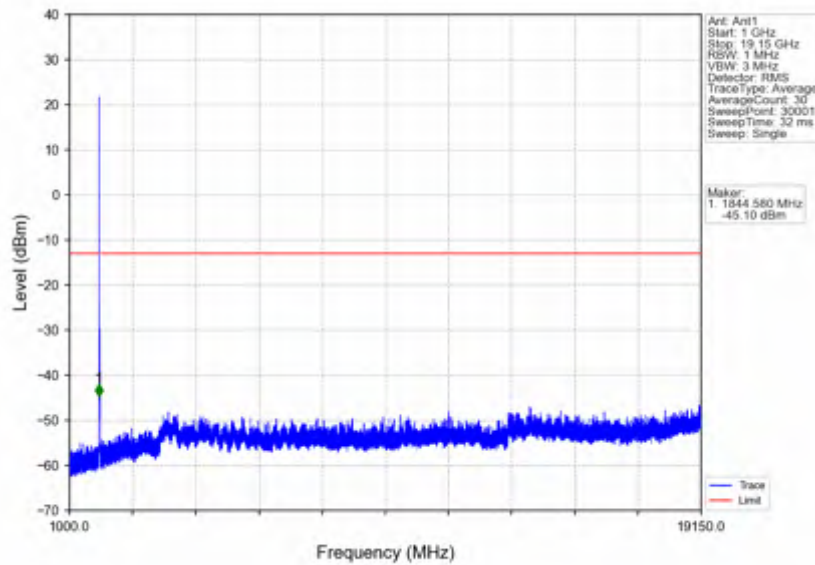
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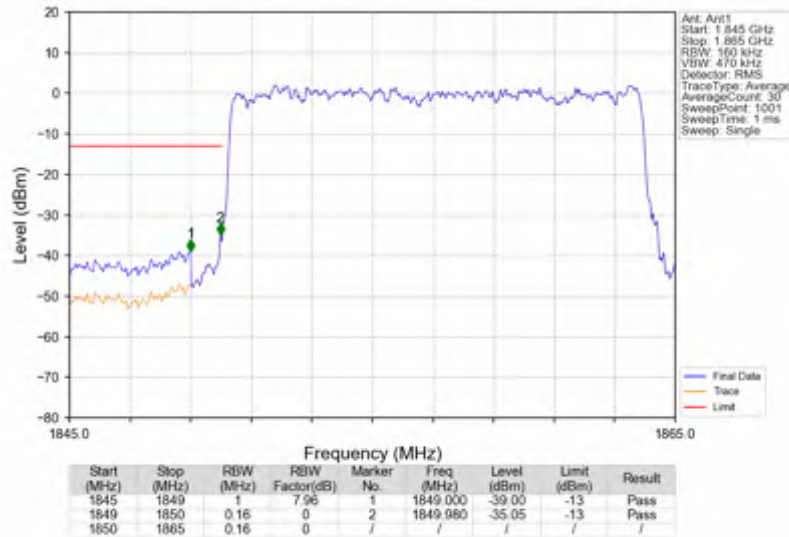
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n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Outer_Full



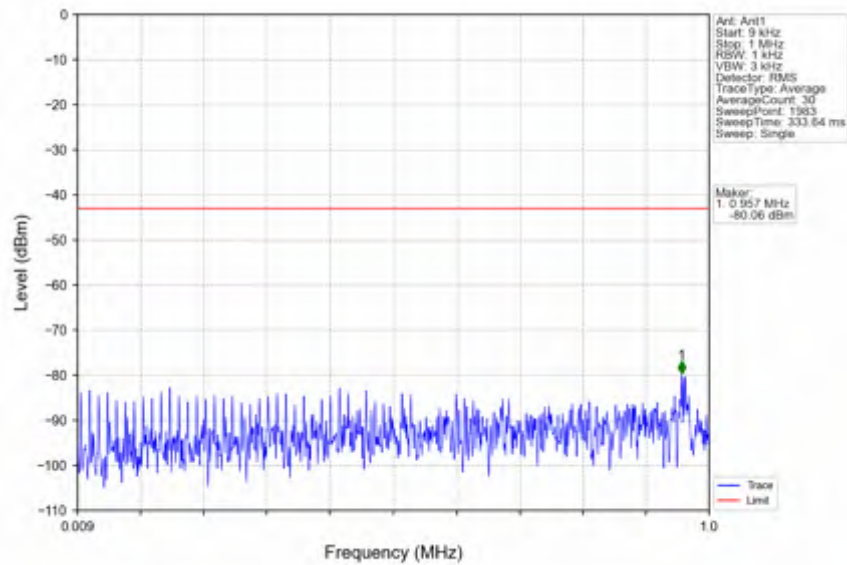
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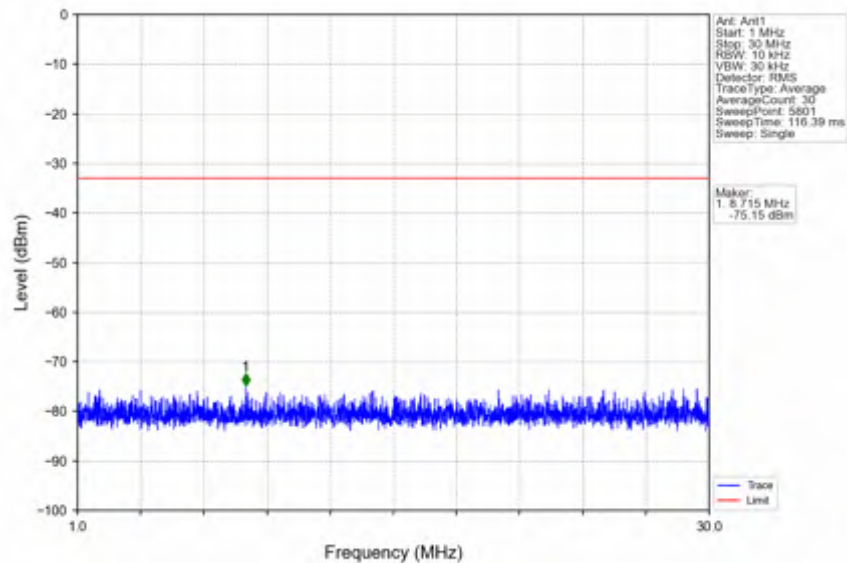
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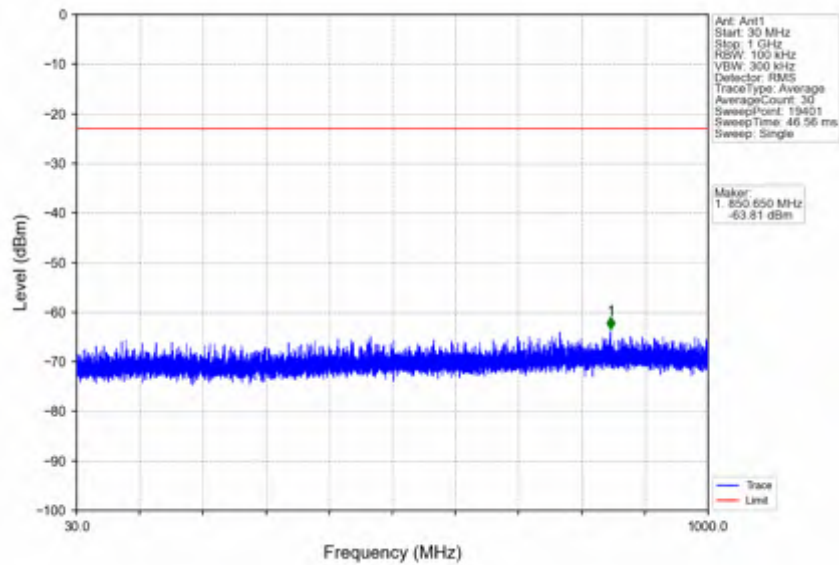
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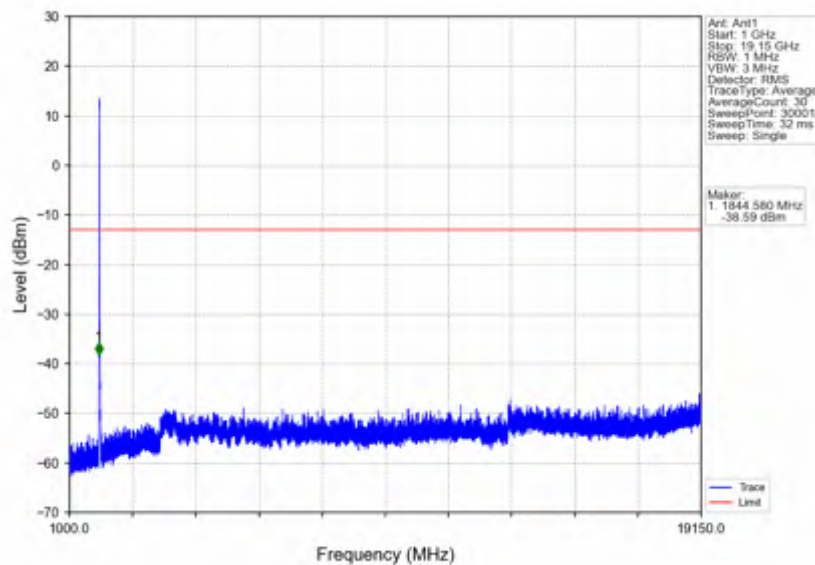
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n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Outer_Full



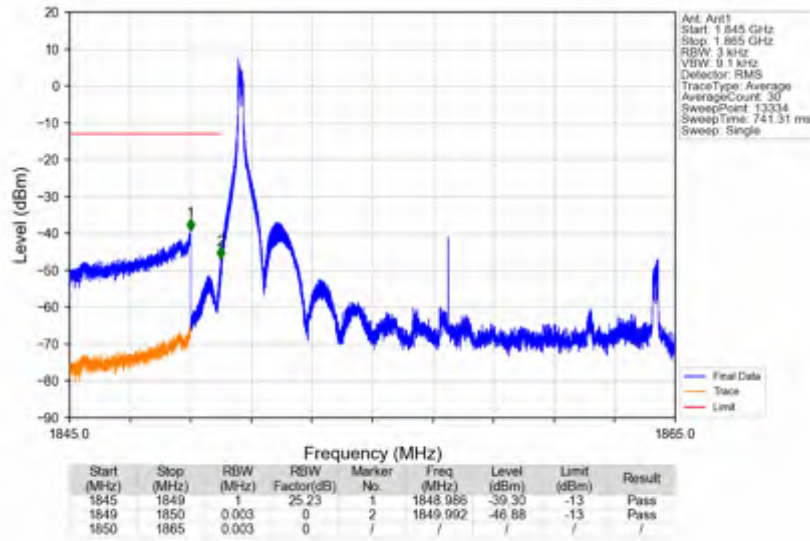
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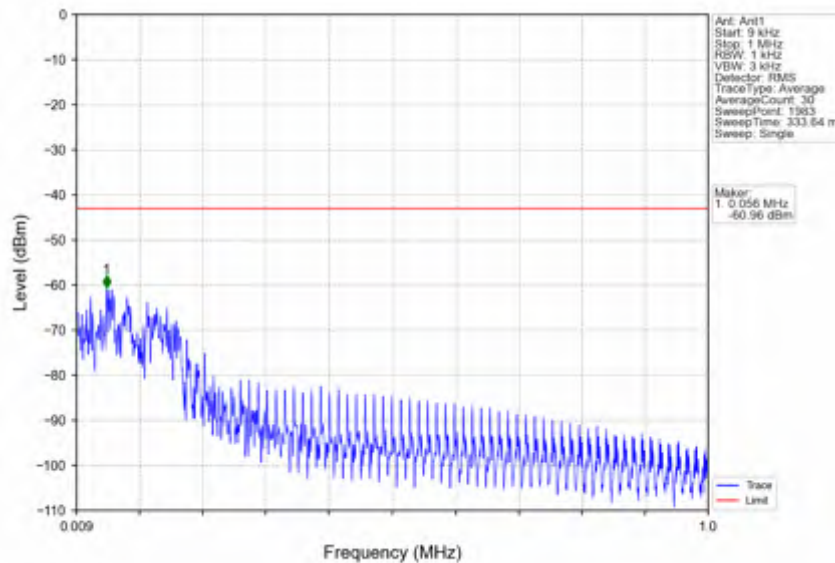
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n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1857.5MHz_Inner_1RB_Left

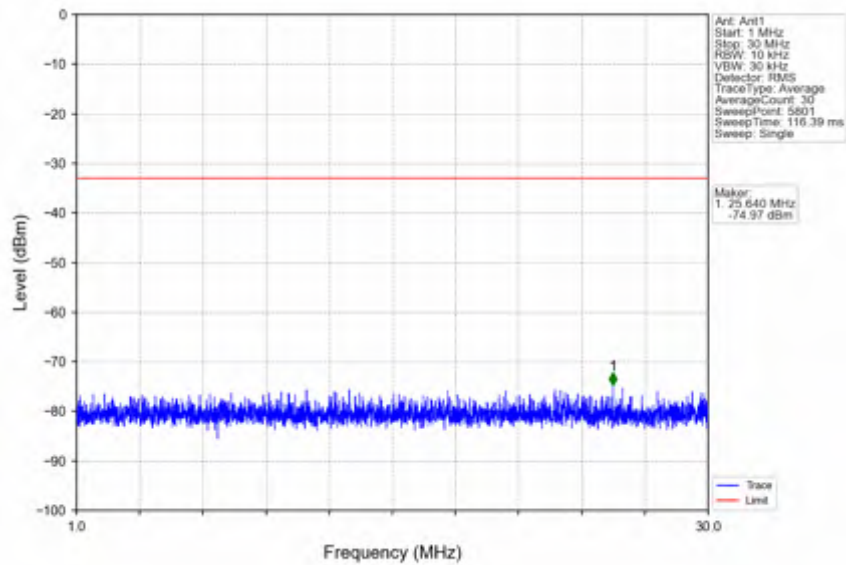


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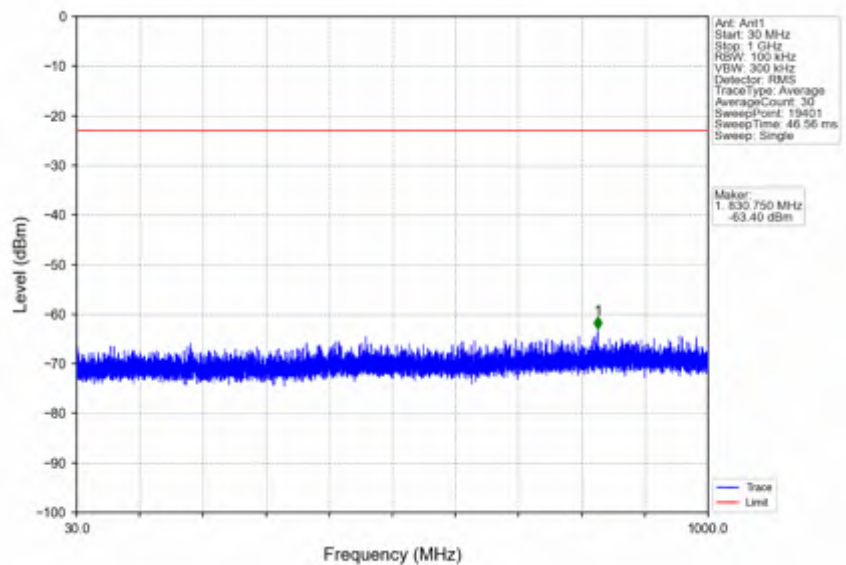
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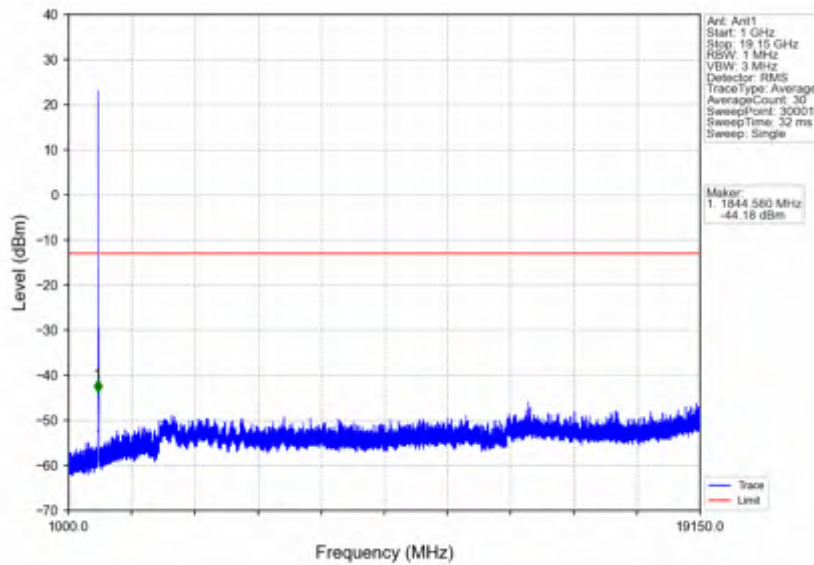


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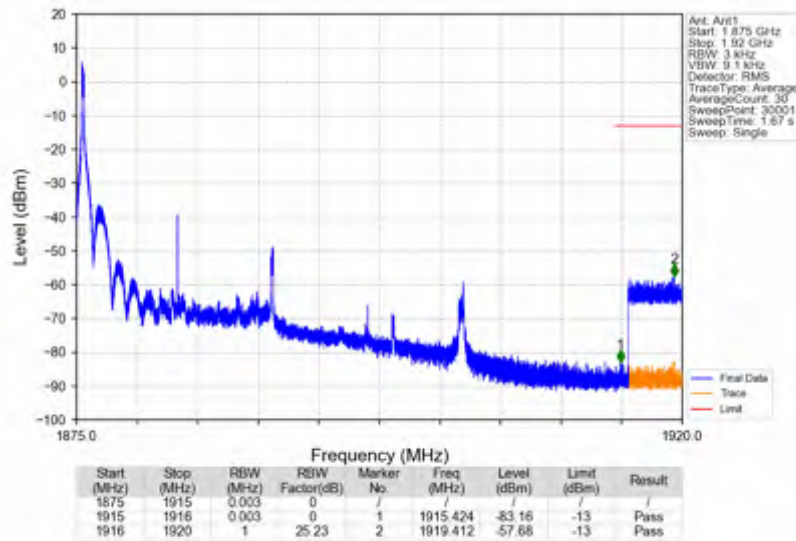
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n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Edge_1RB_Left



Frequency (MHz)

Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1875	1915	0.003	0	1	1915.424	-83.16	-13	Pass
1915	1916	0.003	0	2	1919.412	-57.68	-13	Pass
1916	1920	1	25.23					



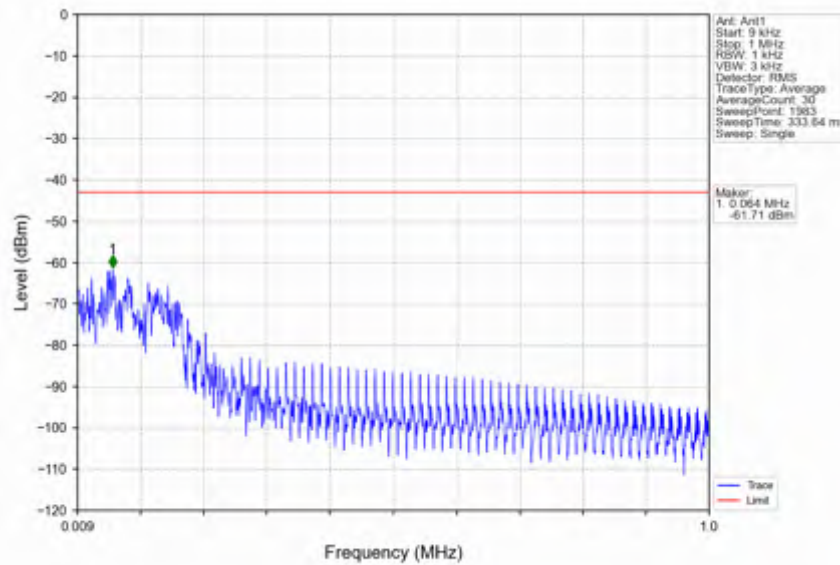
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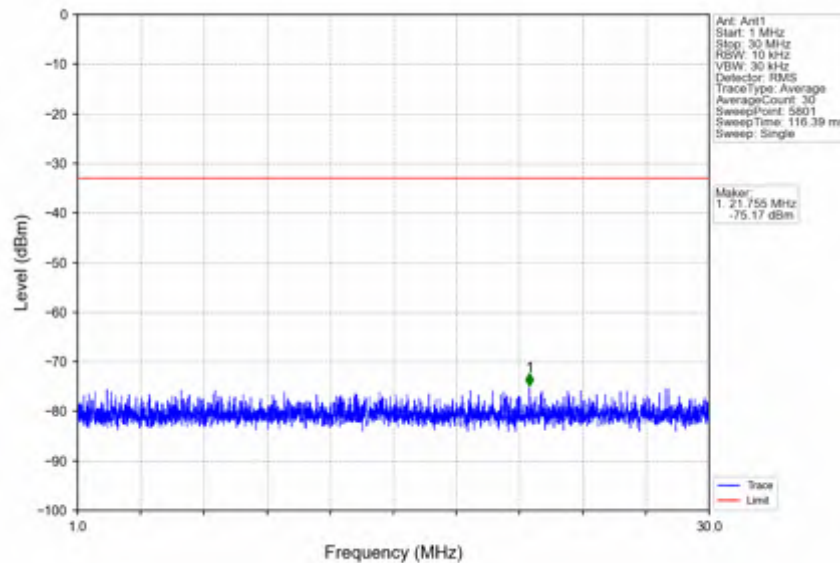
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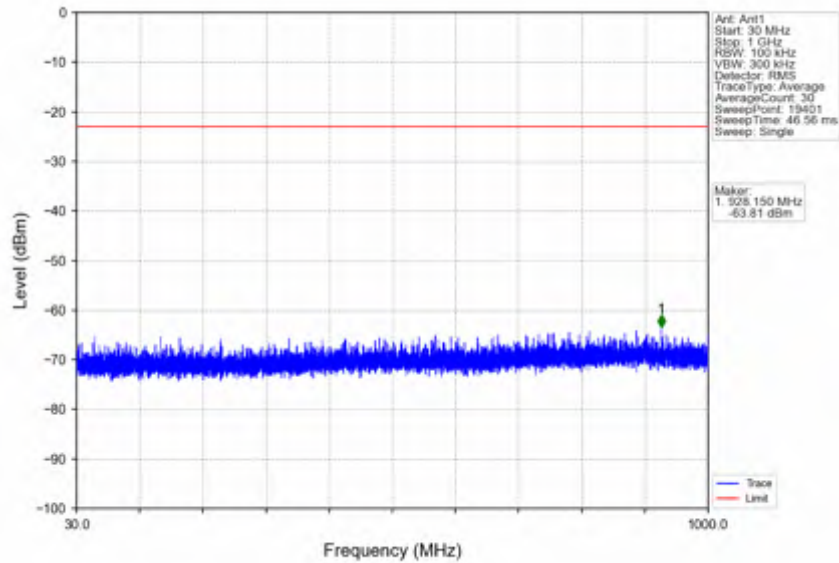
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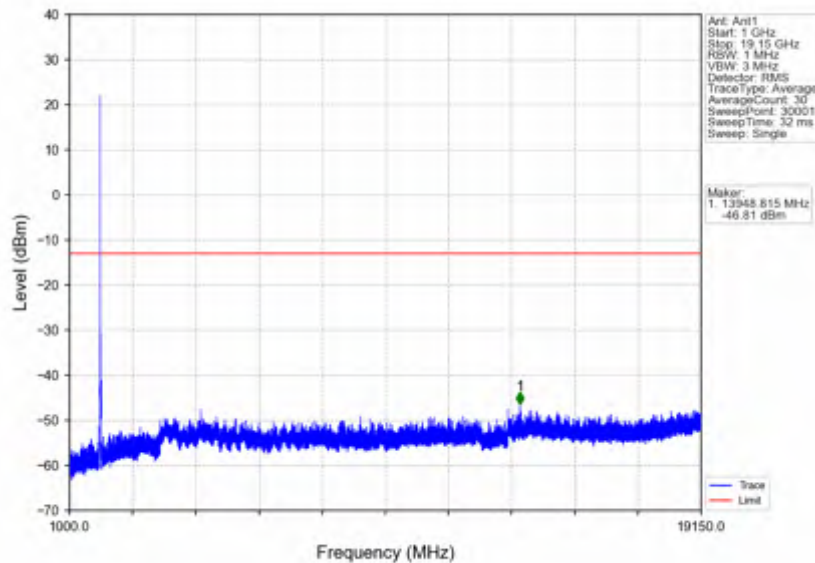
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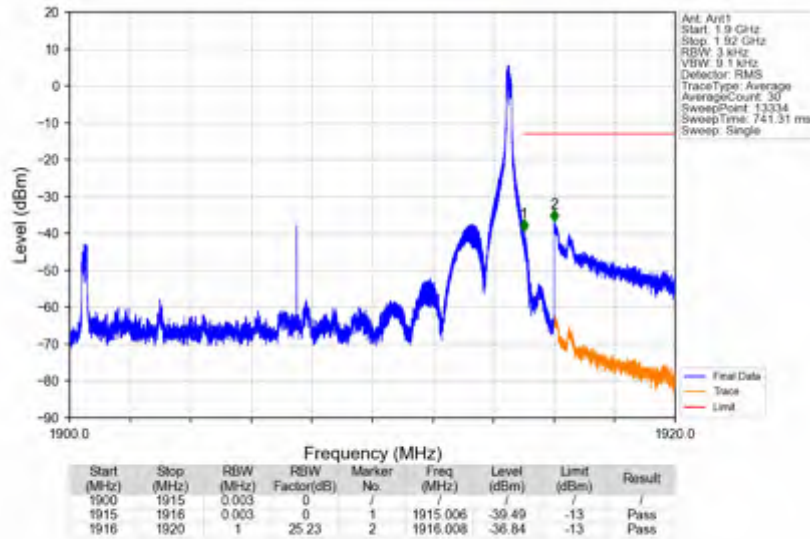
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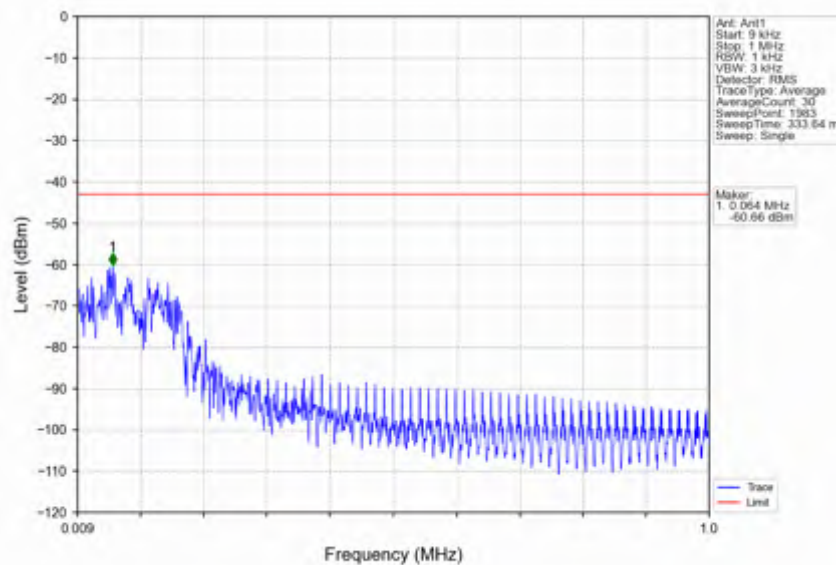
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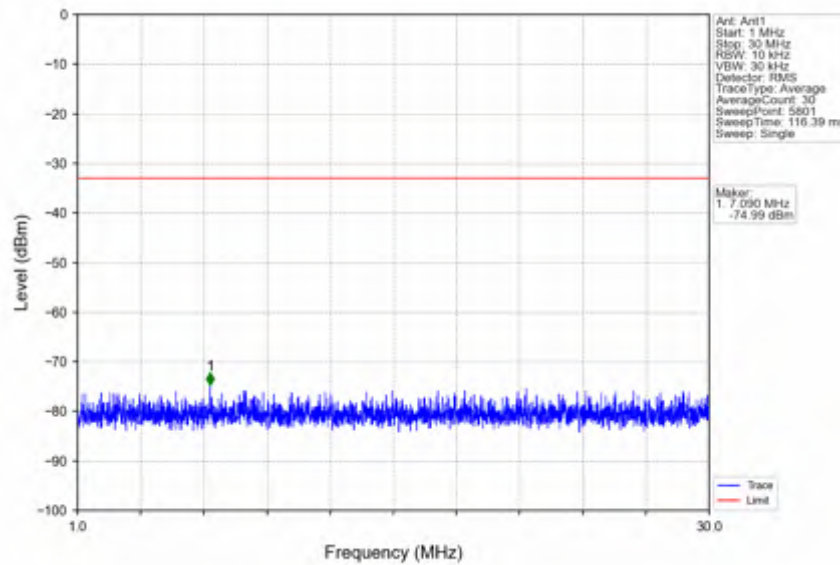


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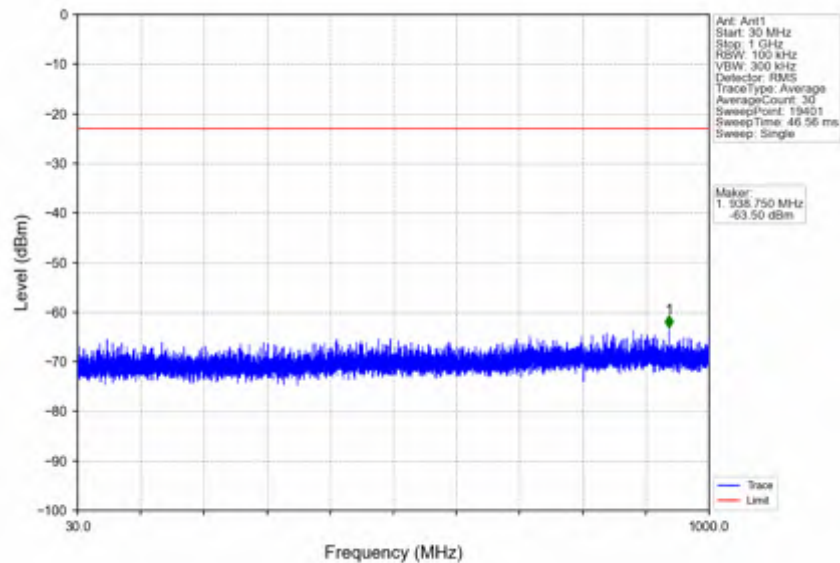
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n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1907.5MHz_Edge_1RB_Right



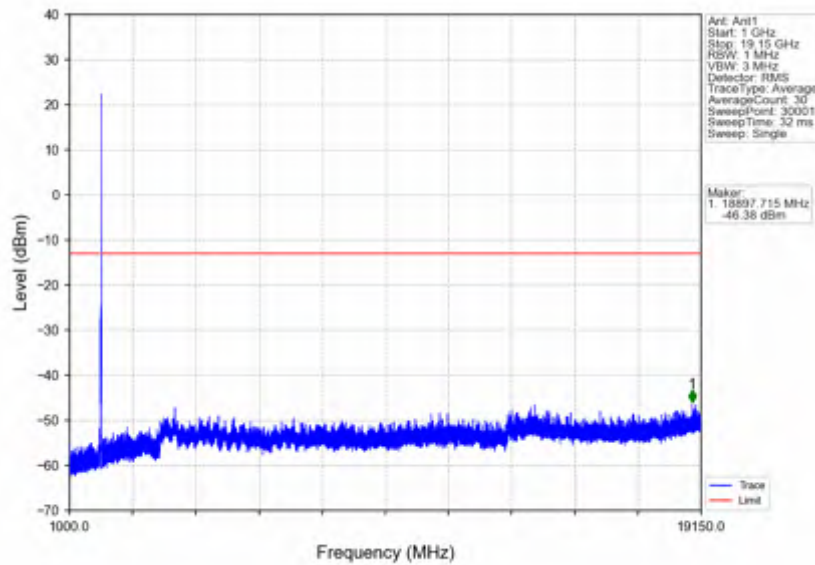
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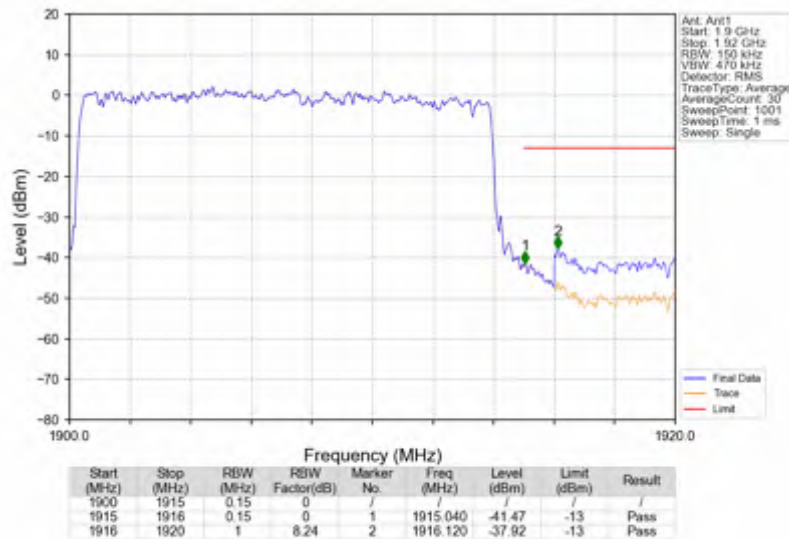
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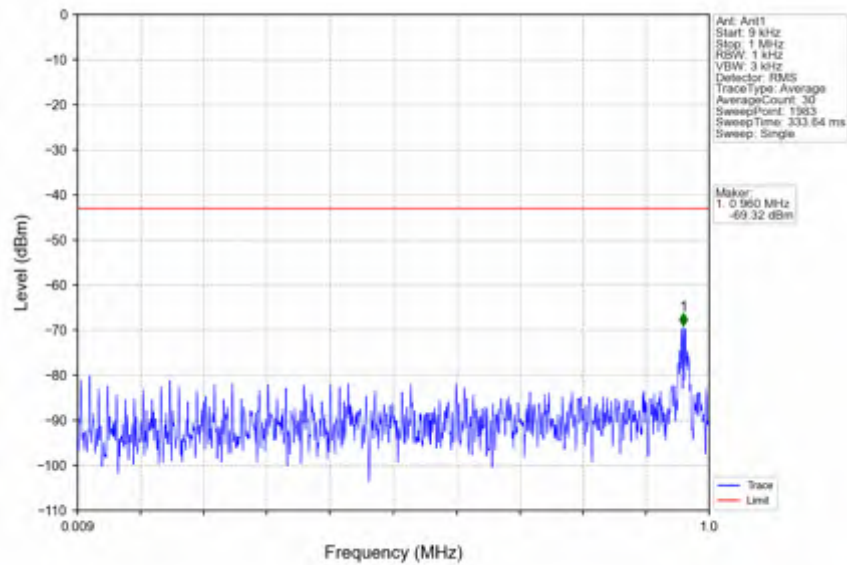
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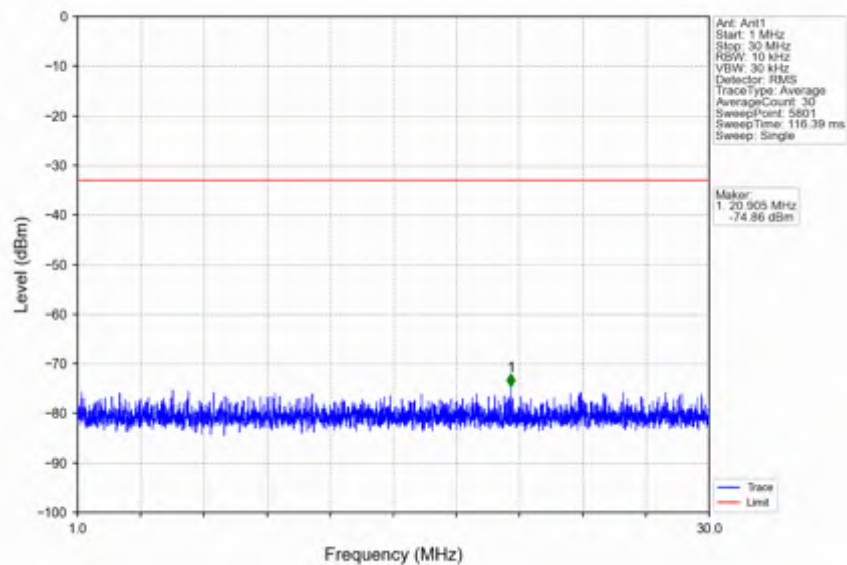
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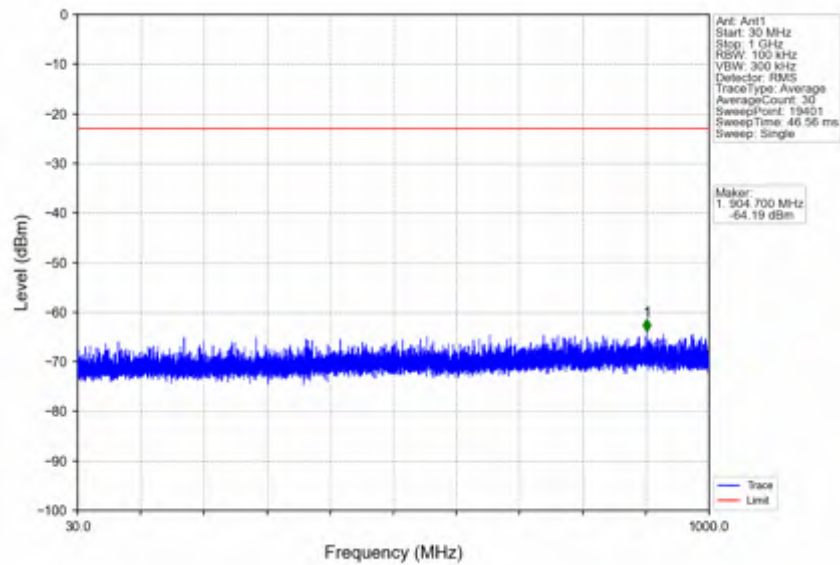
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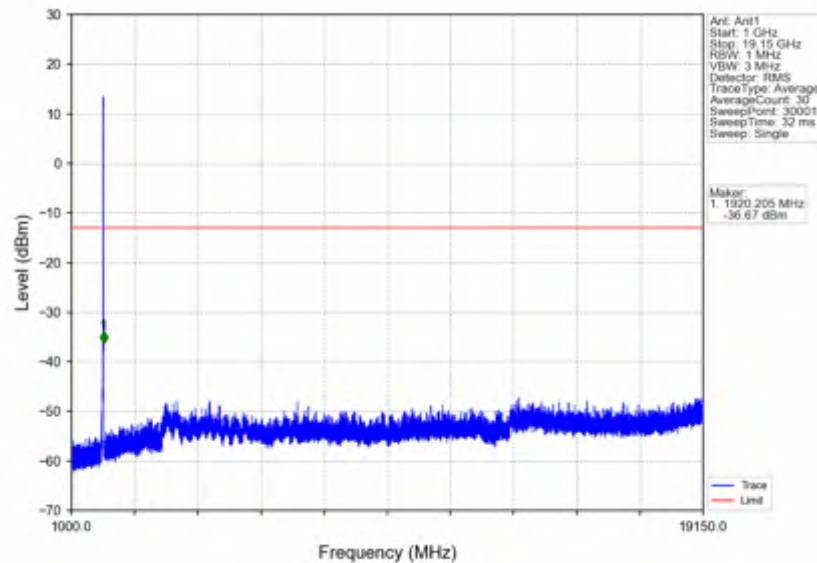
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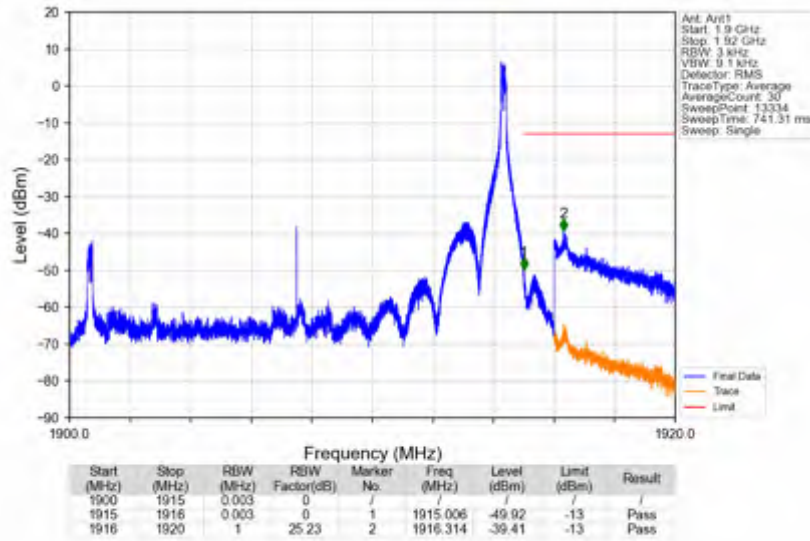
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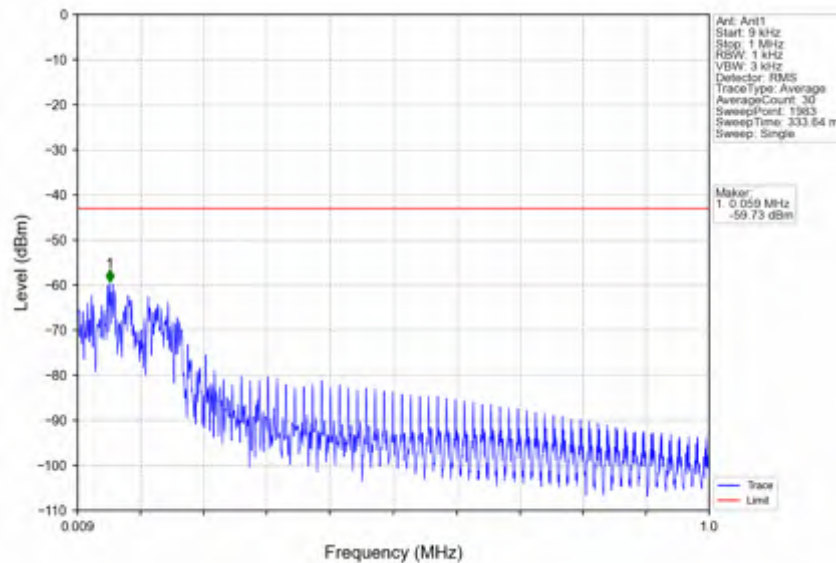
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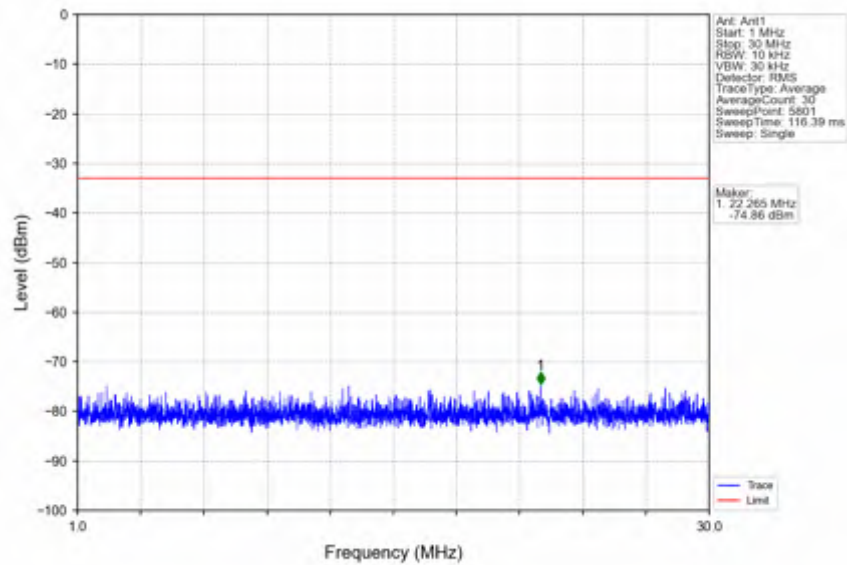


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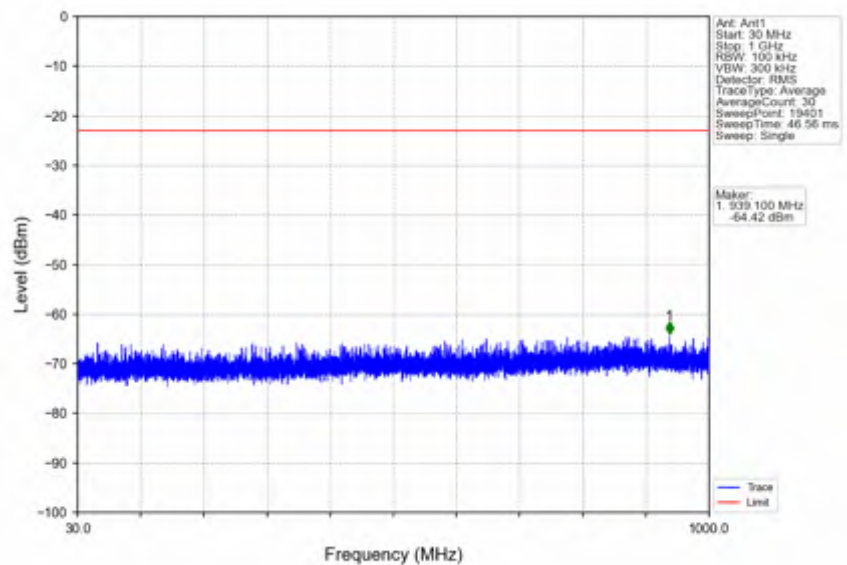
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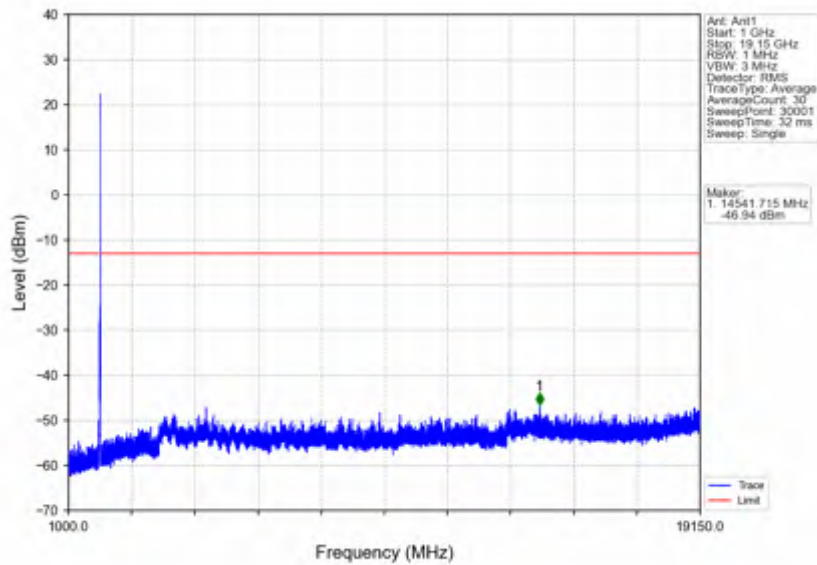
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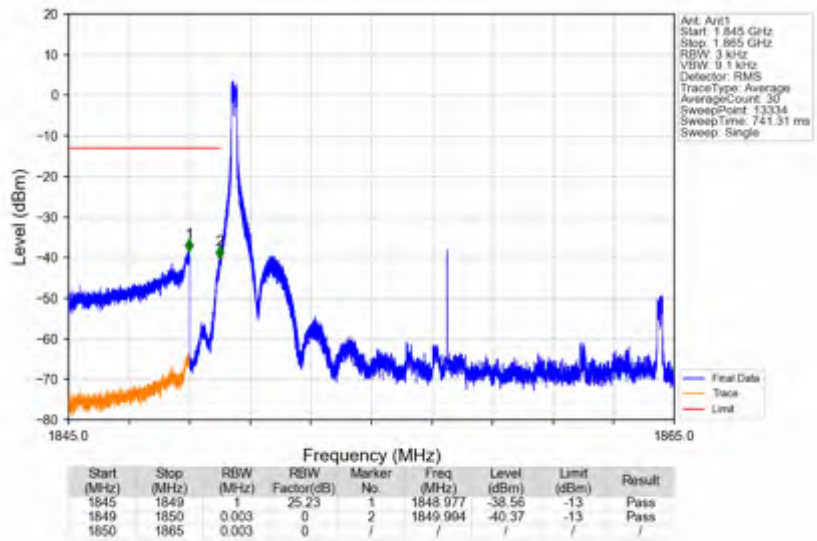
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n25_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1857.5MHz_Edge_1RB_Left



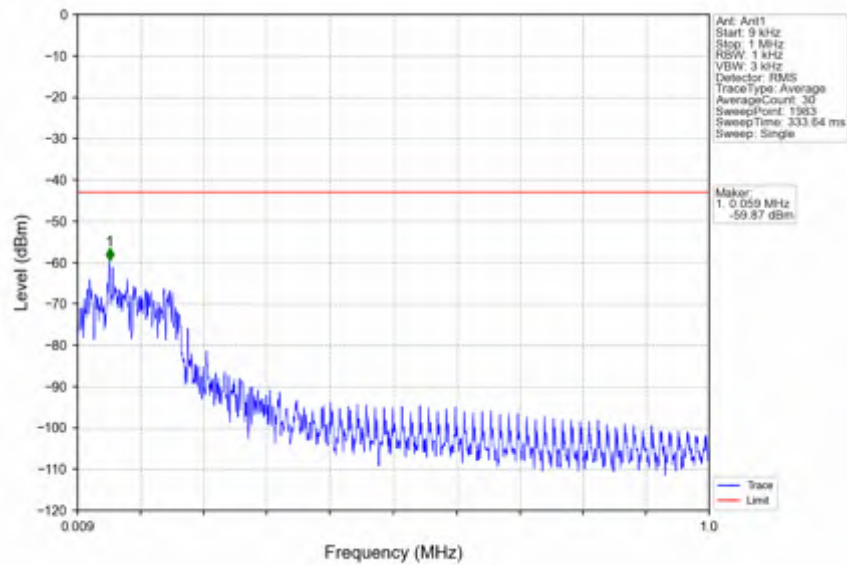
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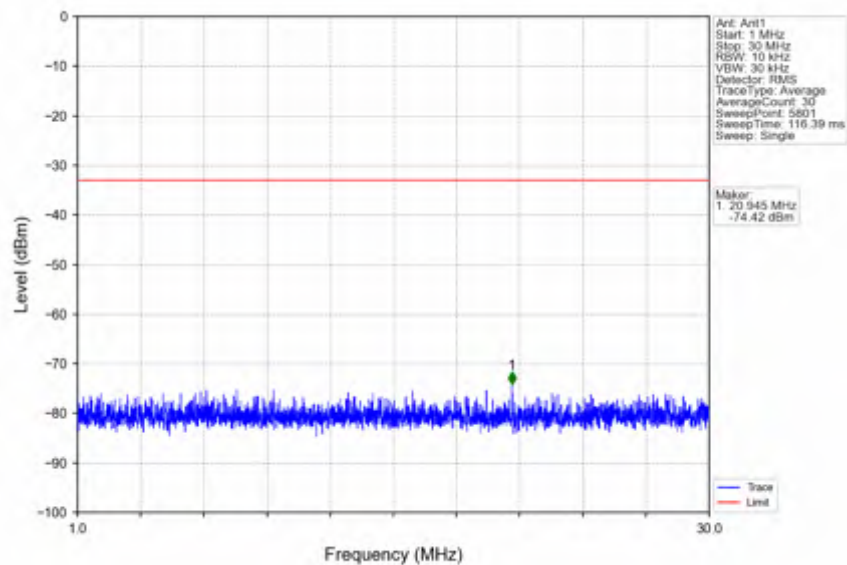
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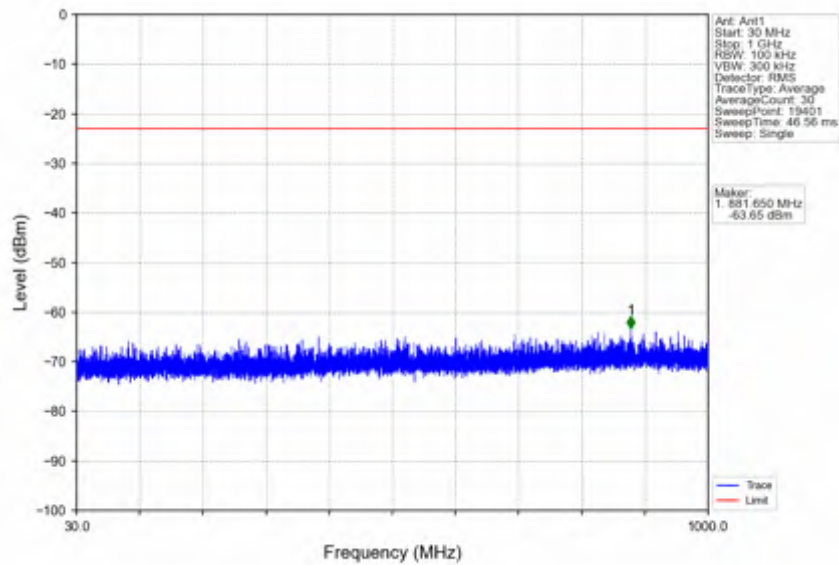
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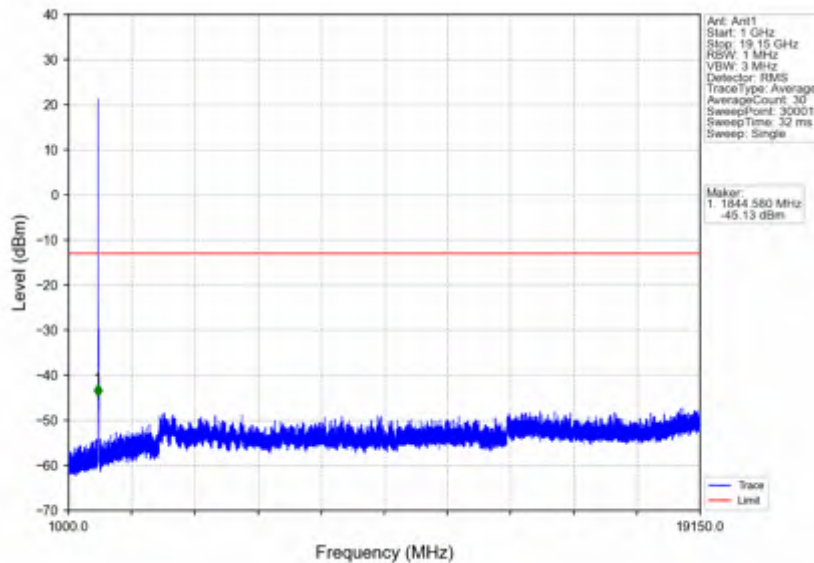
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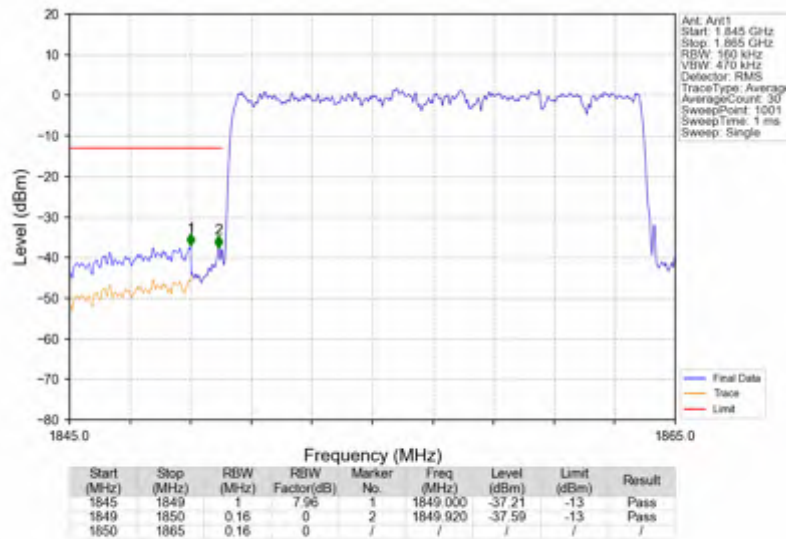
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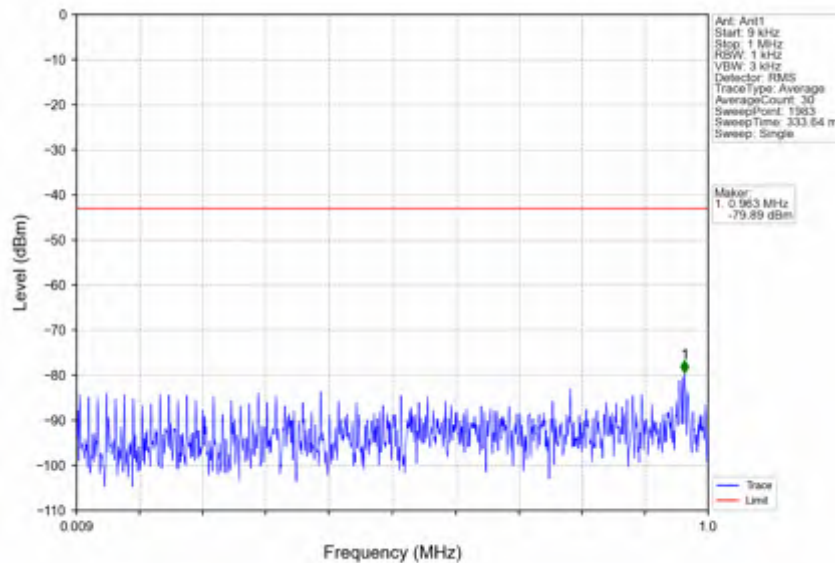
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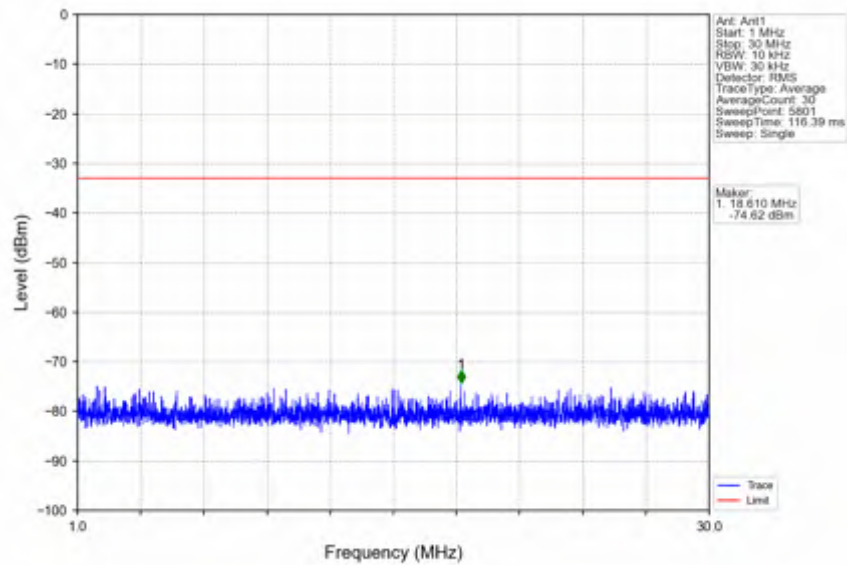


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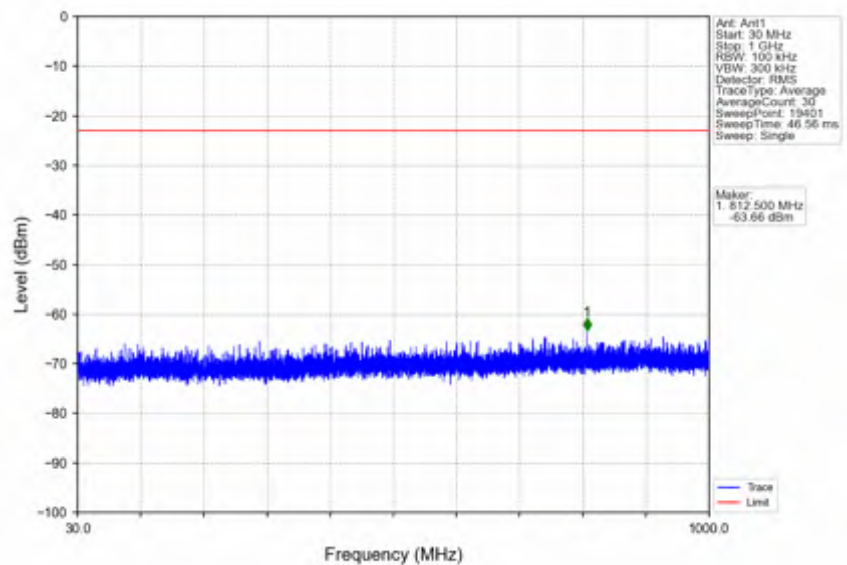
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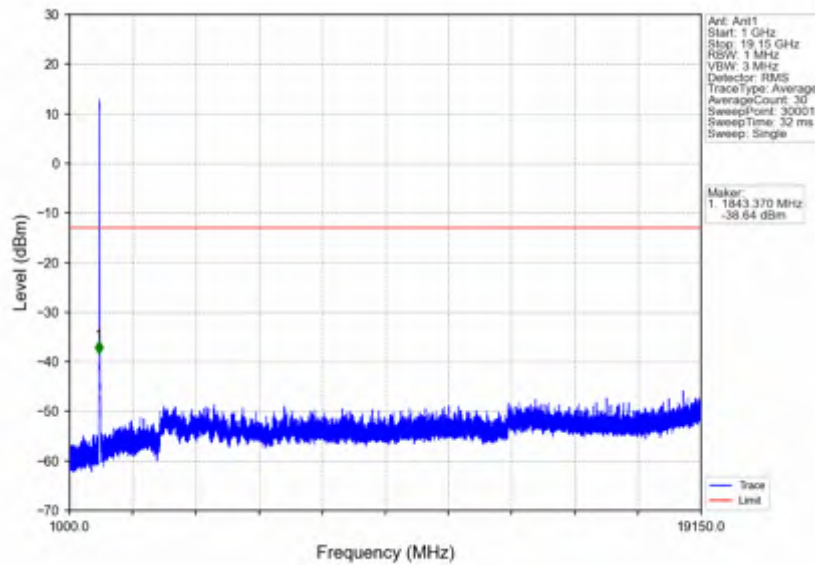
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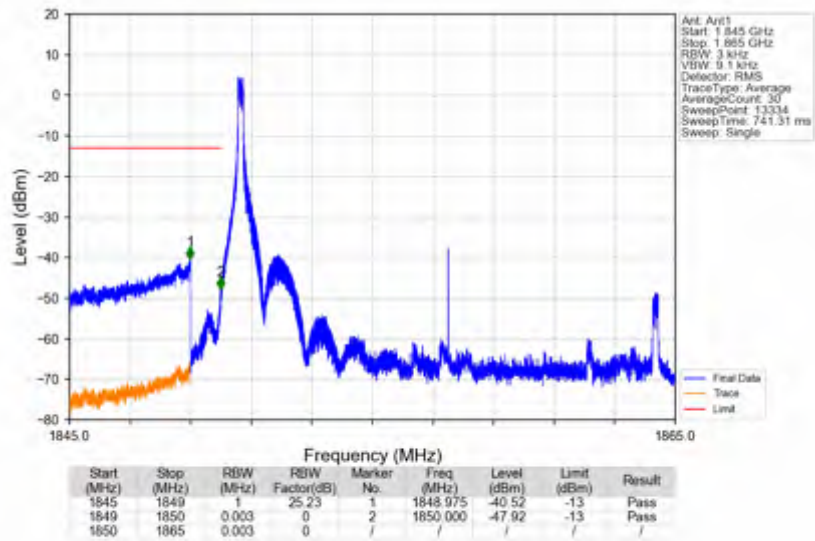
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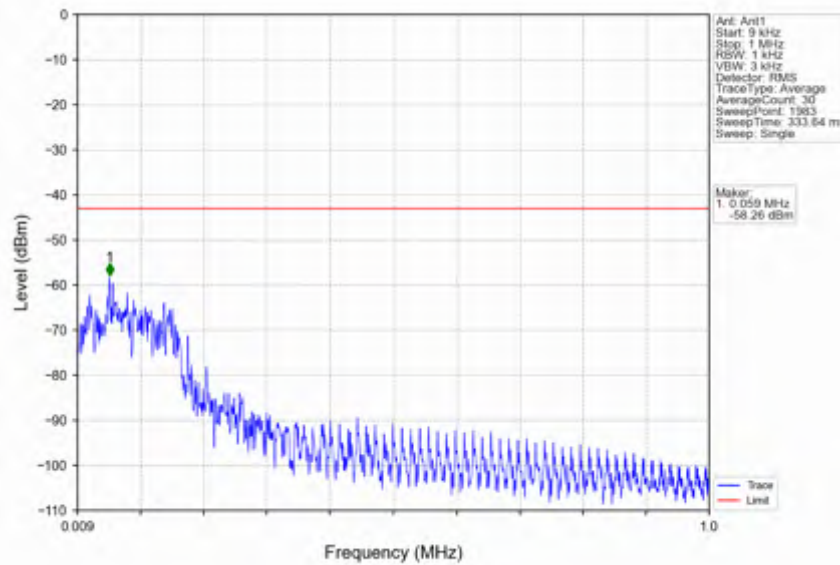
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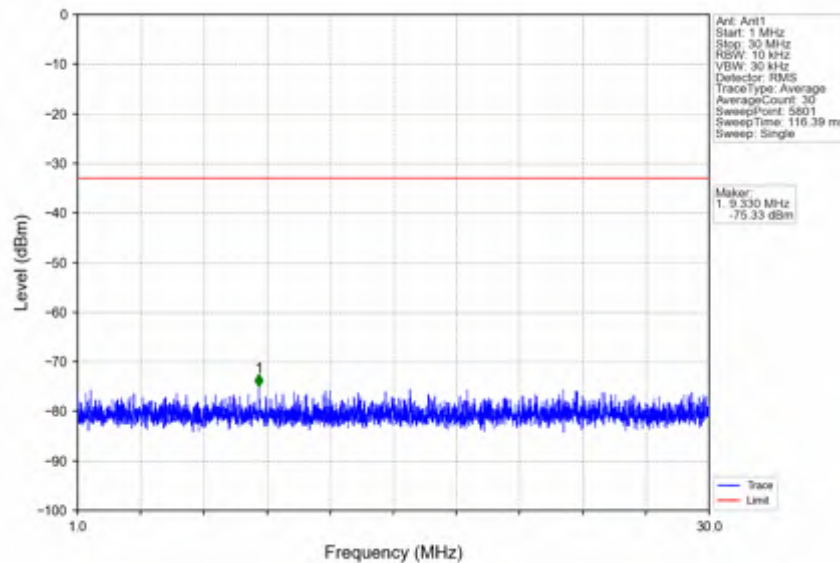
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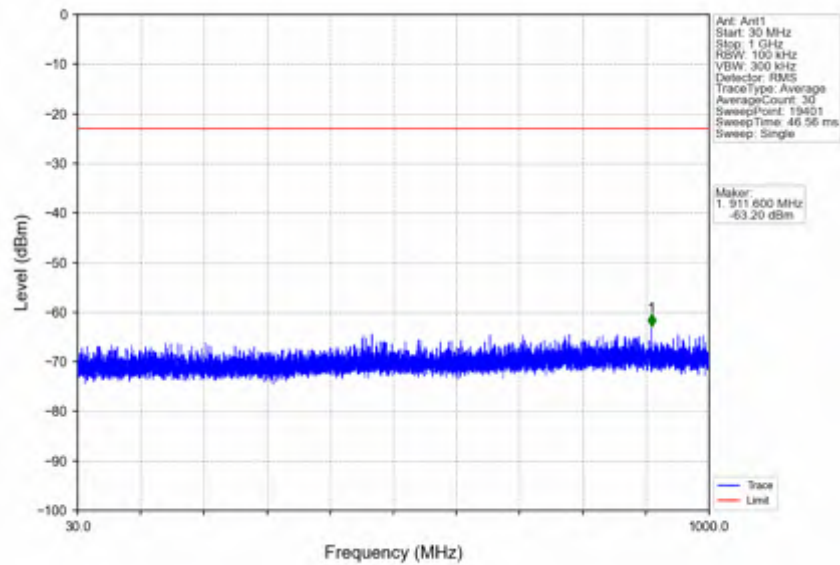
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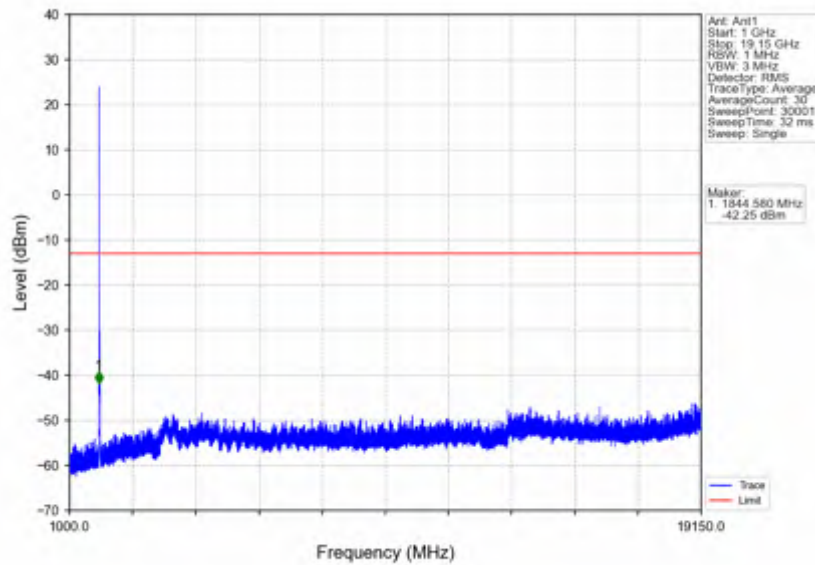
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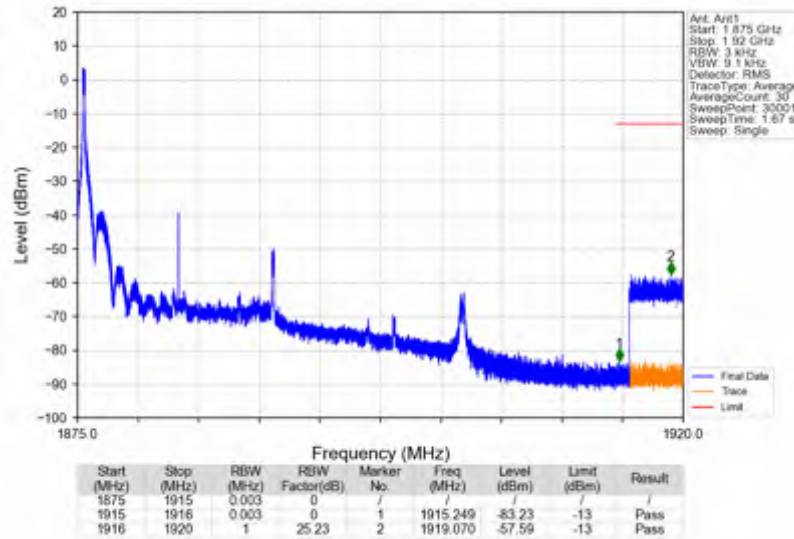
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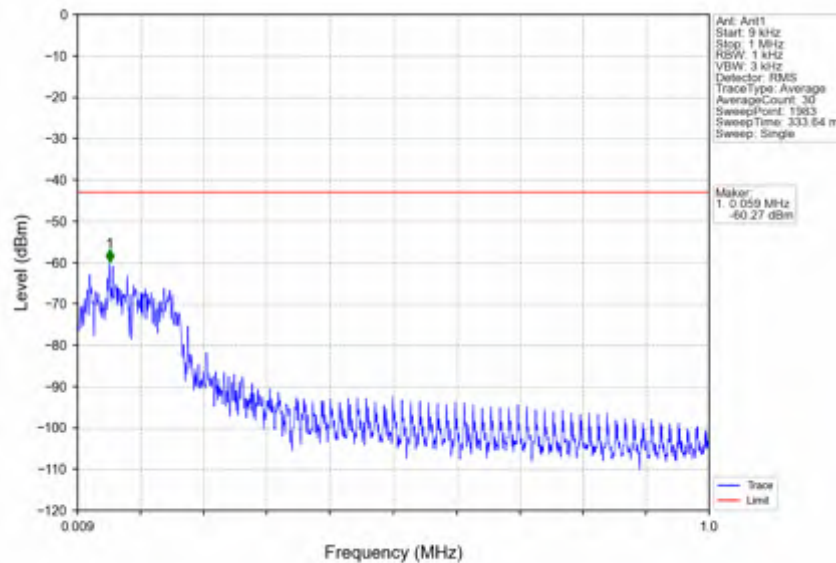
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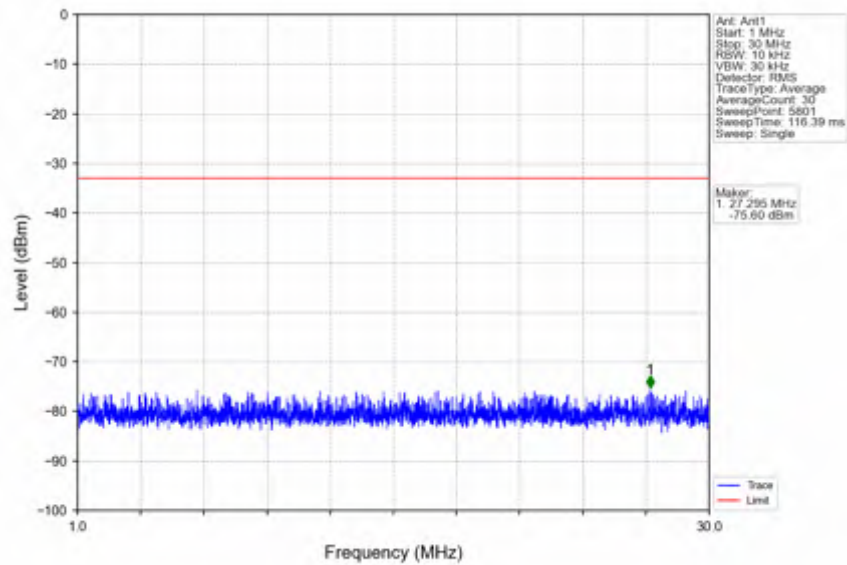


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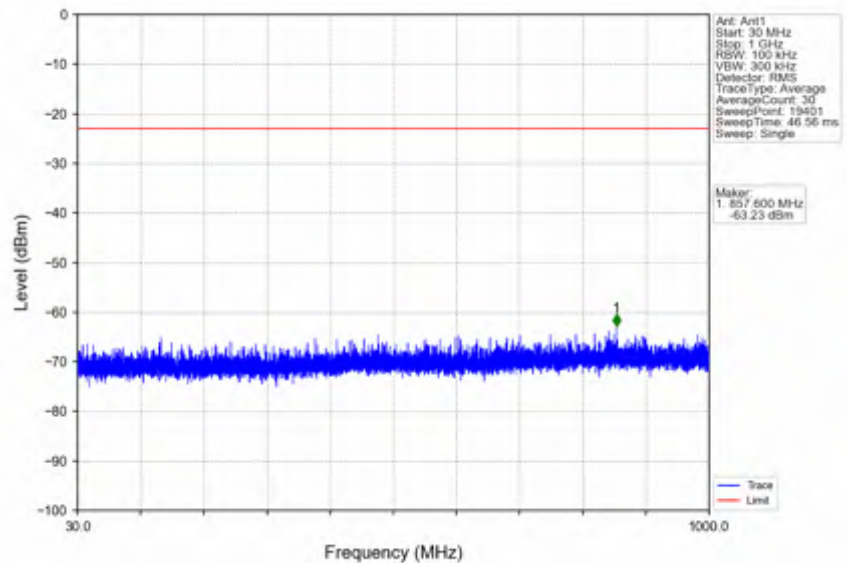
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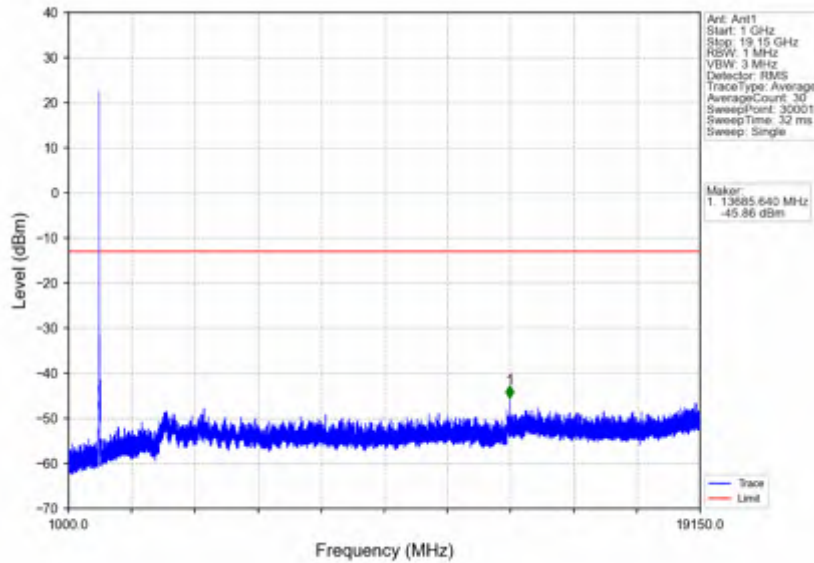
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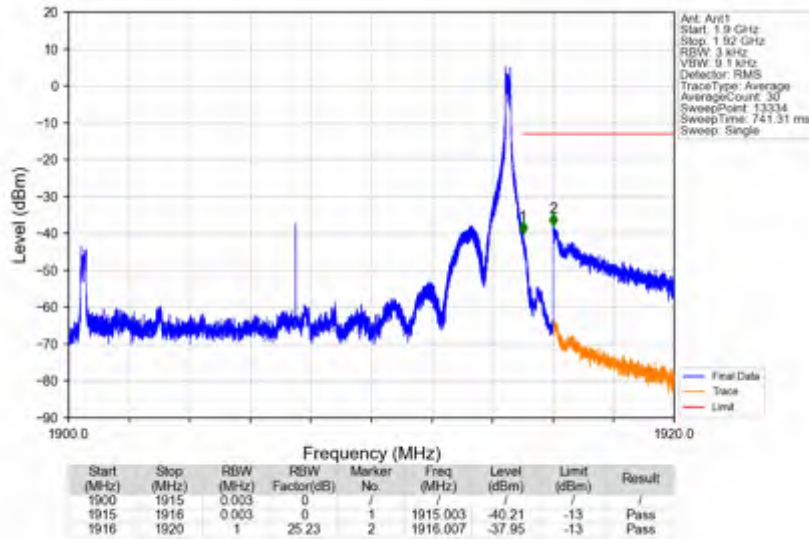
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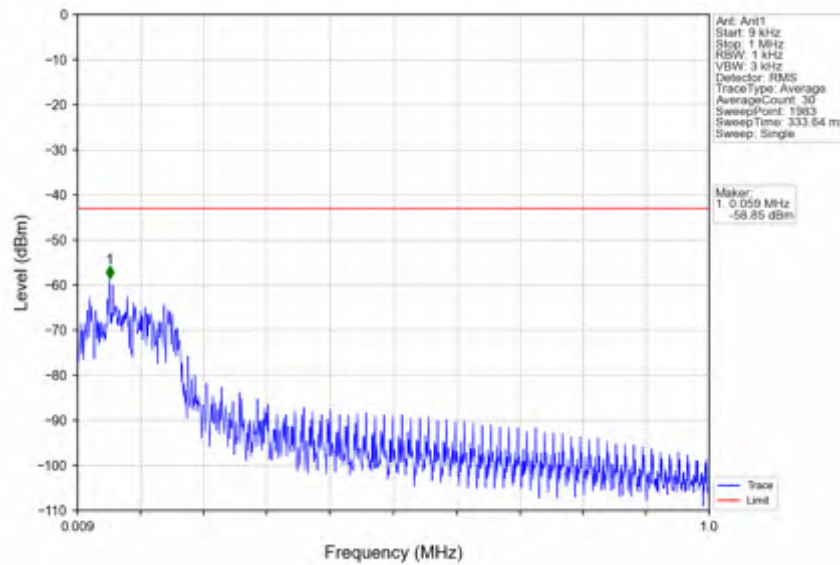
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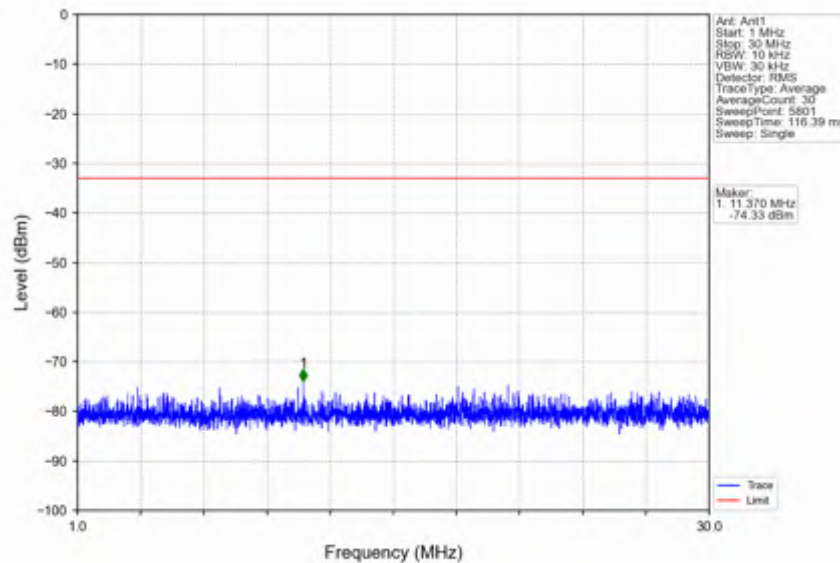
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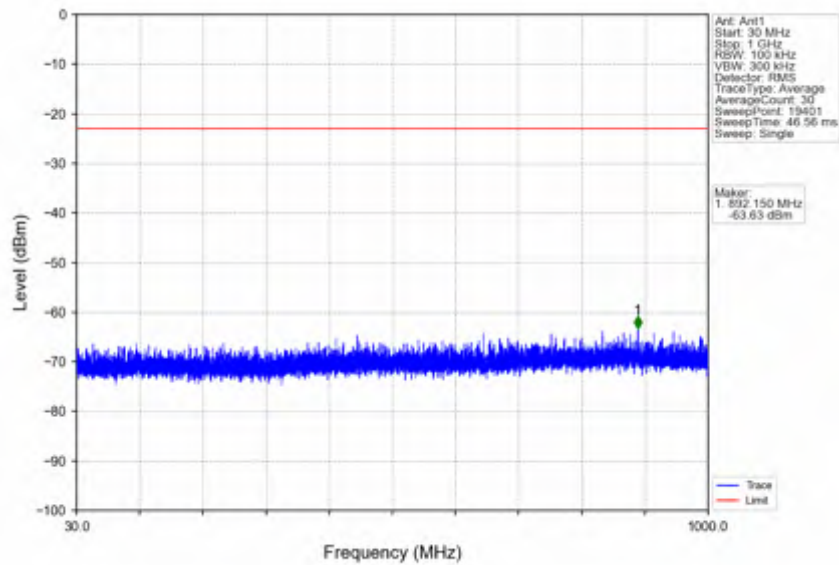
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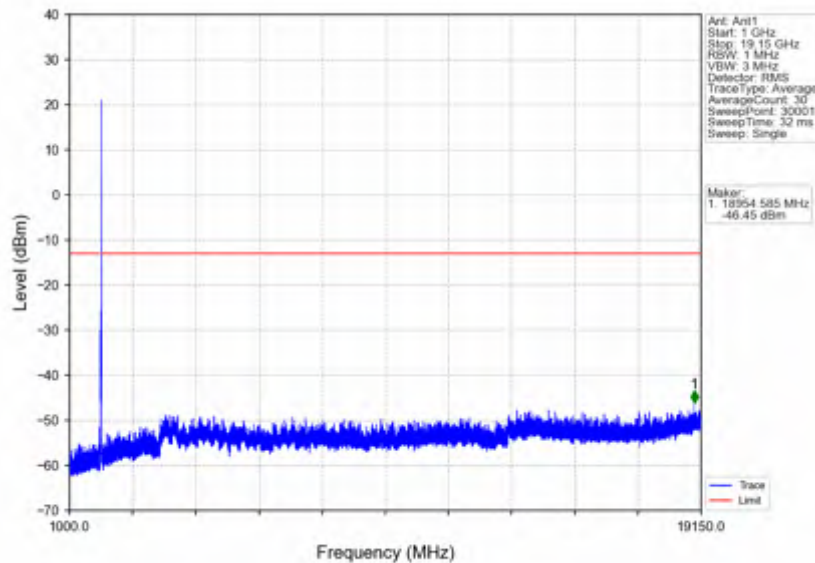
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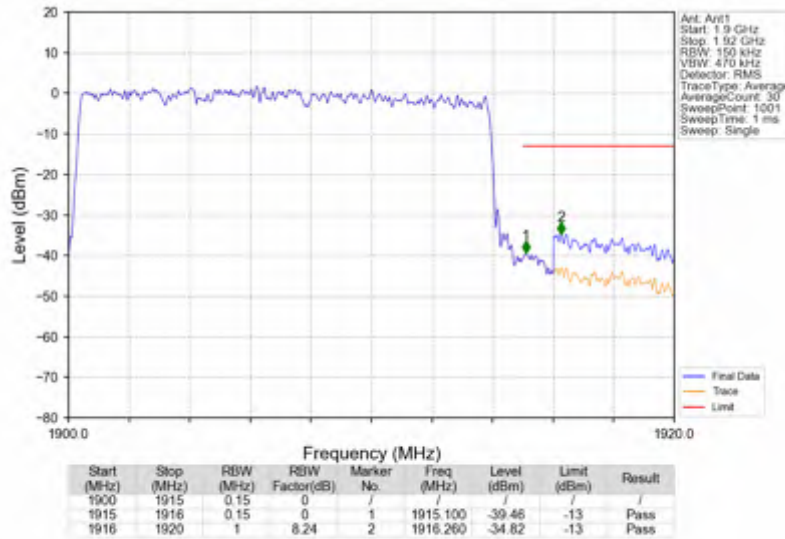
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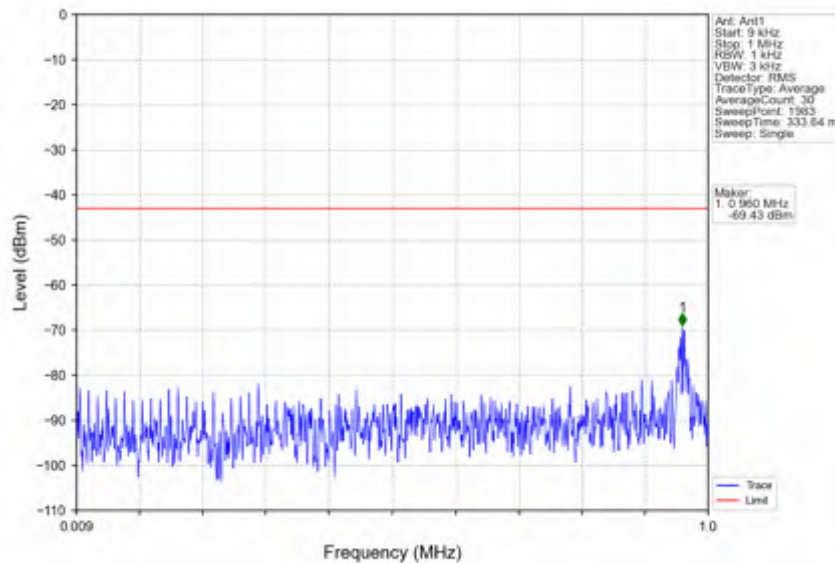
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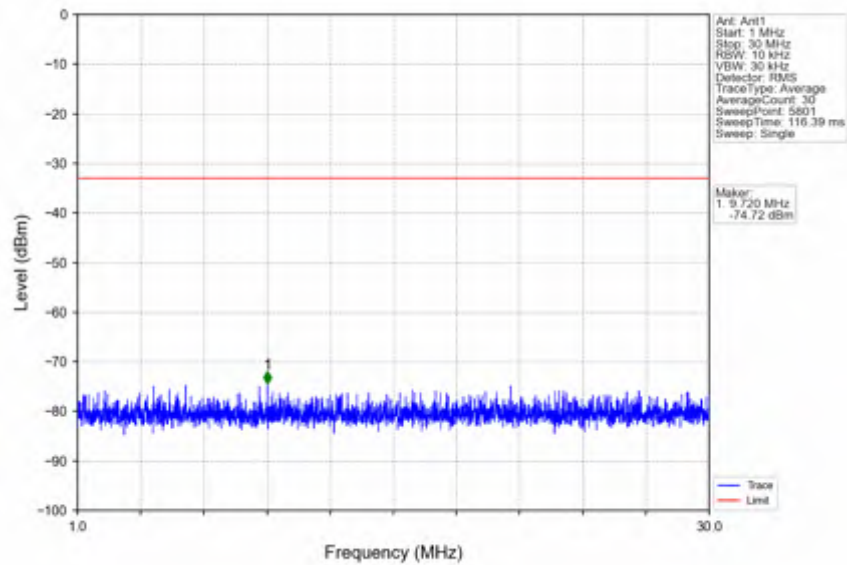


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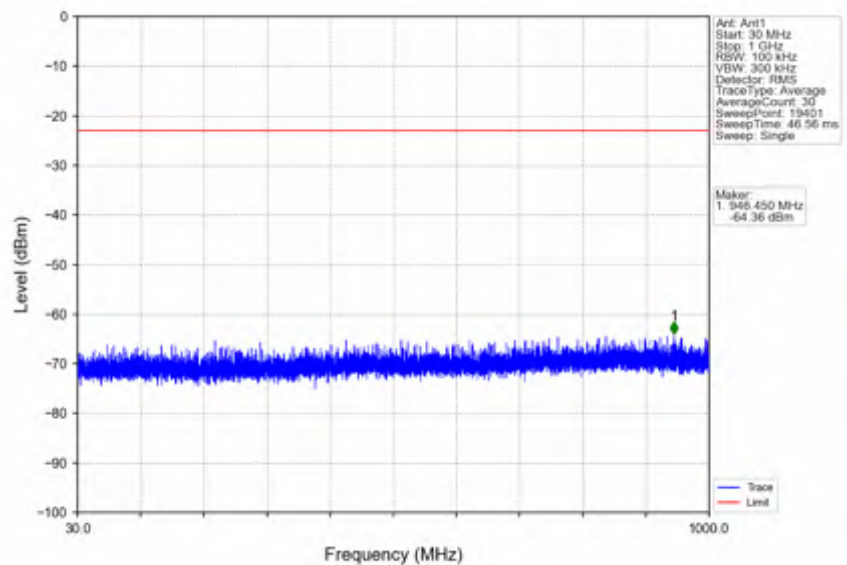
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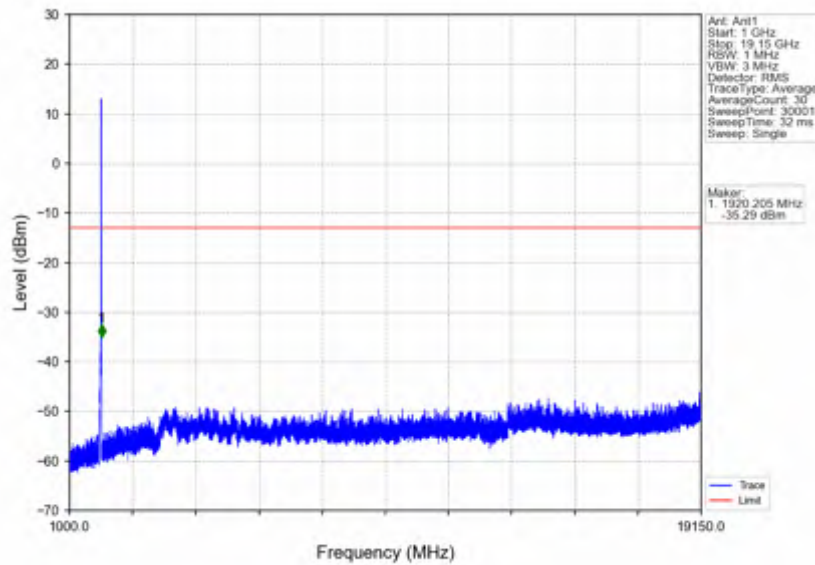
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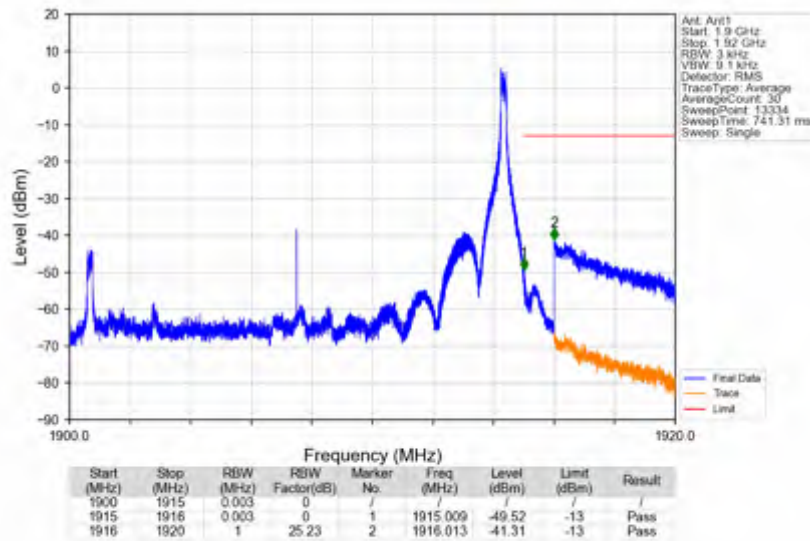
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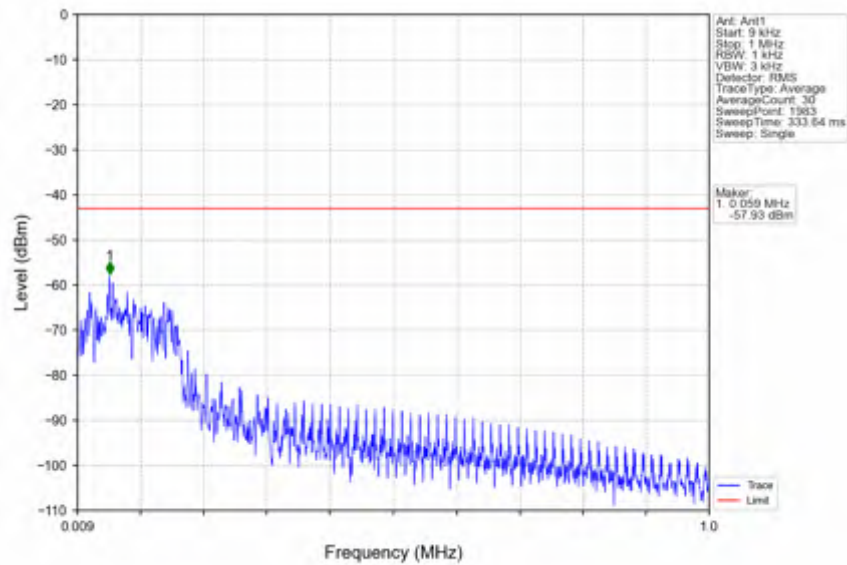


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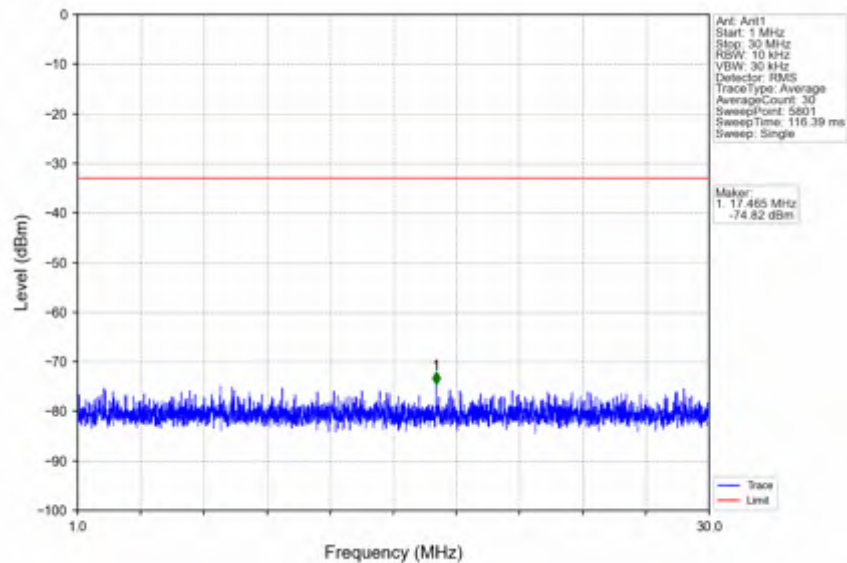
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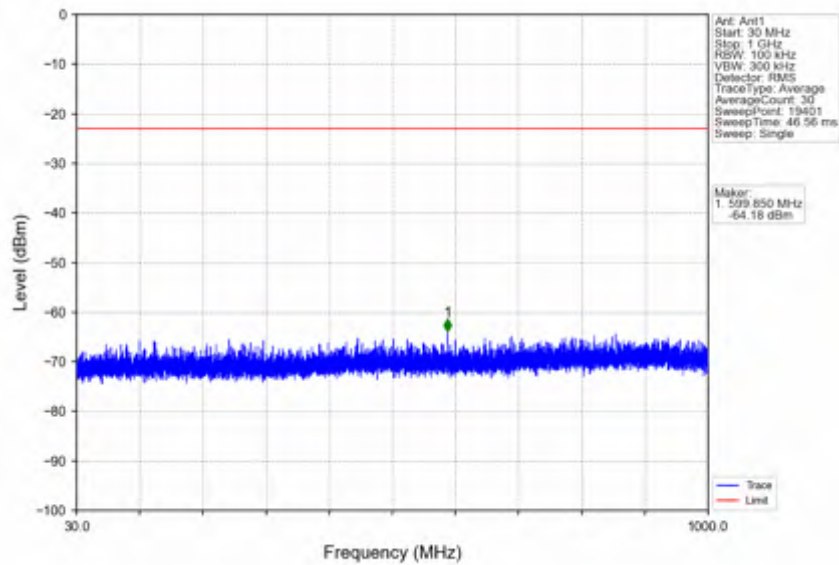
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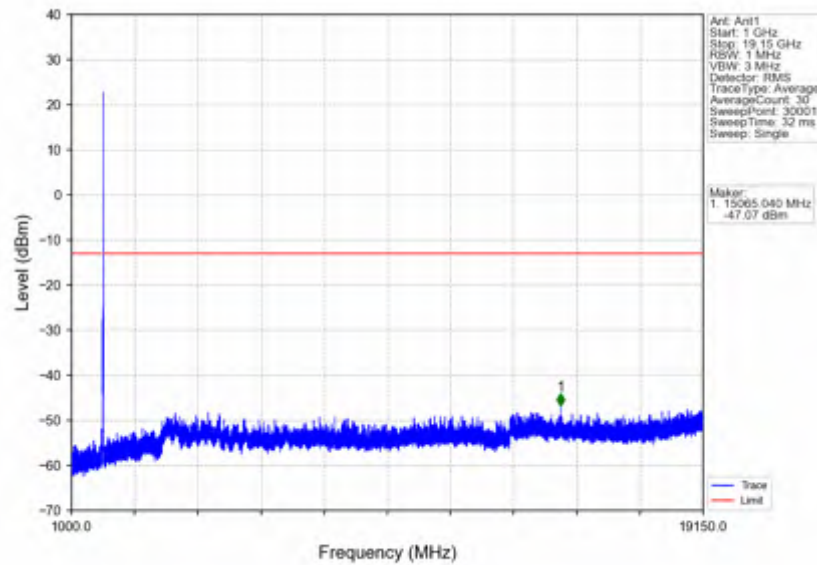
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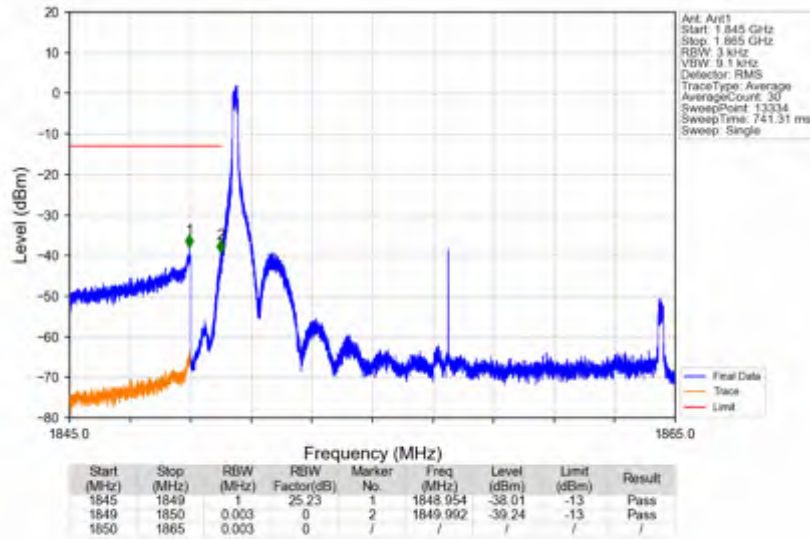
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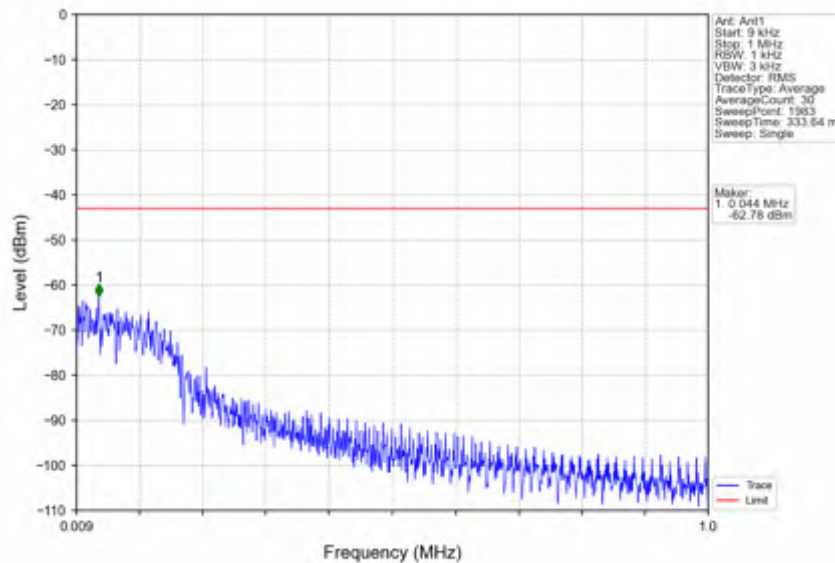
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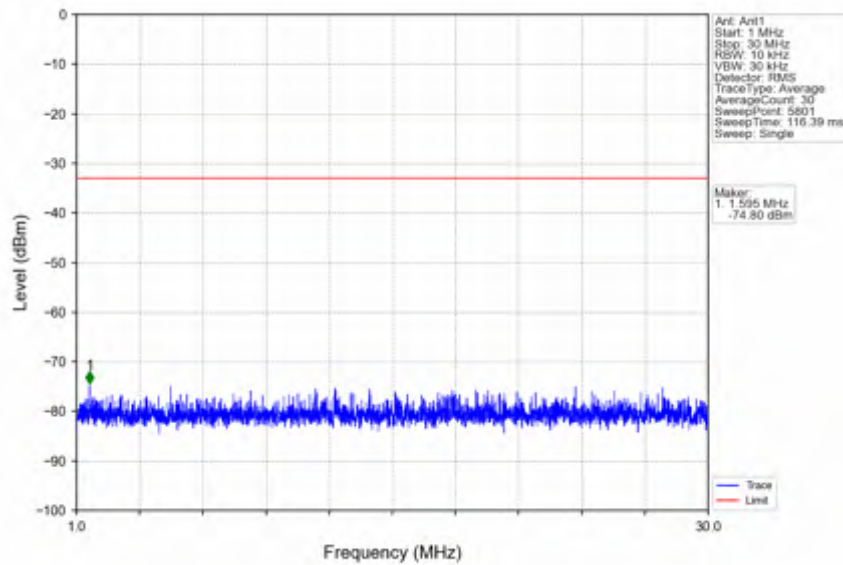


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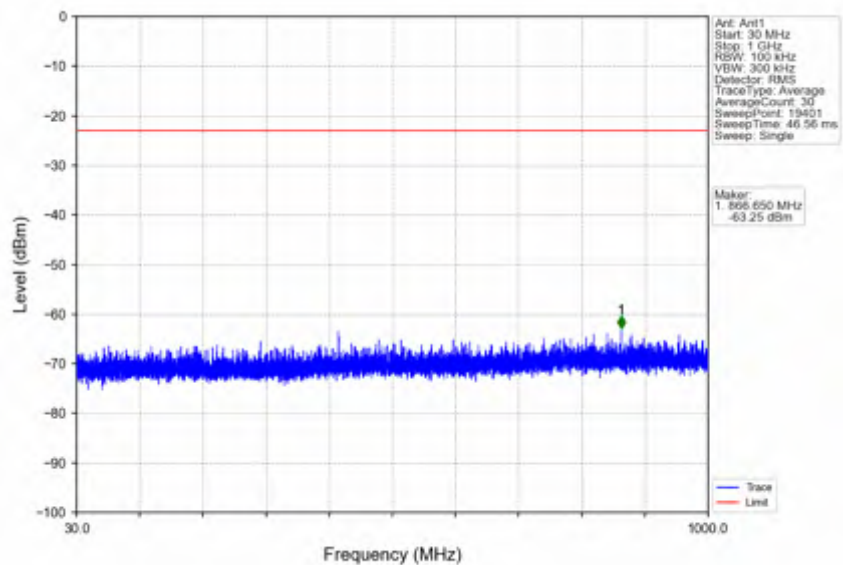
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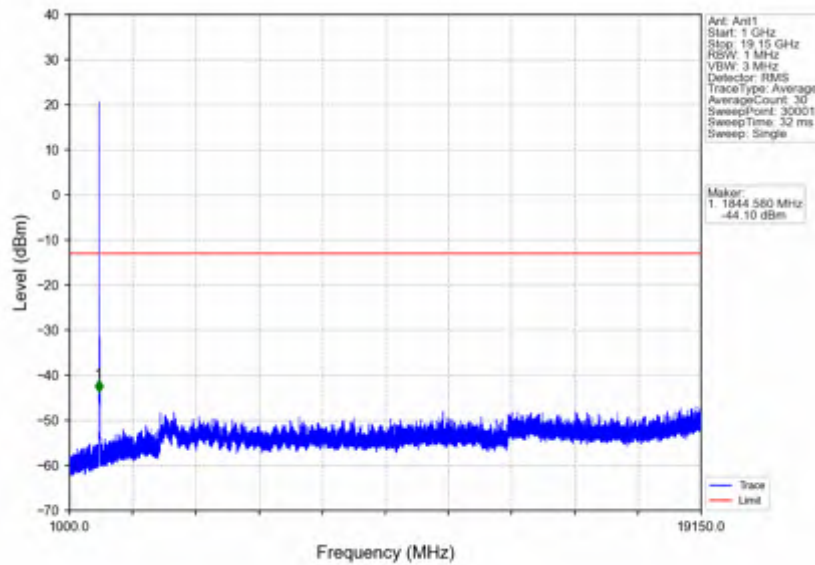
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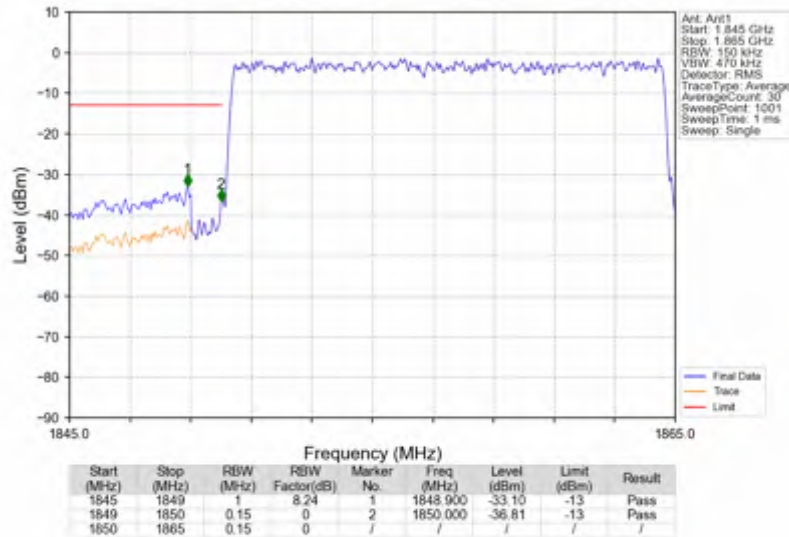
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n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Edge_1RB_Left



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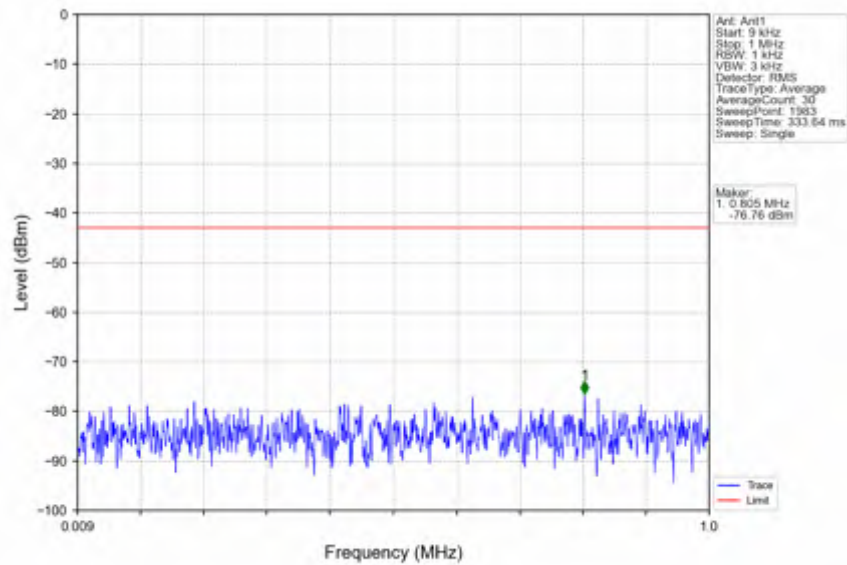
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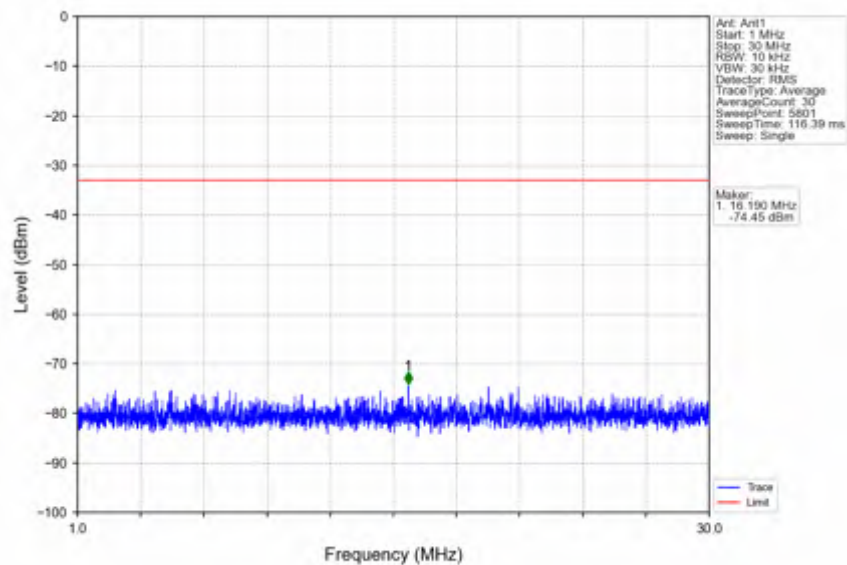
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n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Outer_Full



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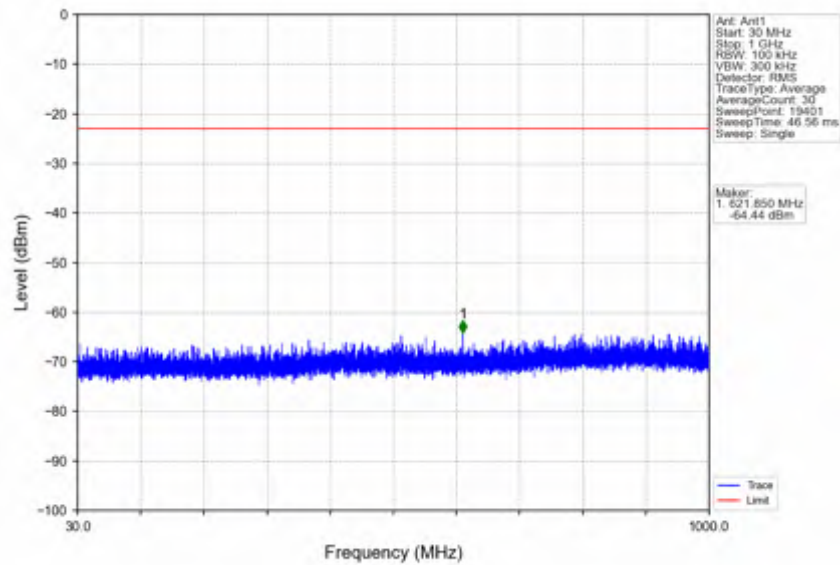
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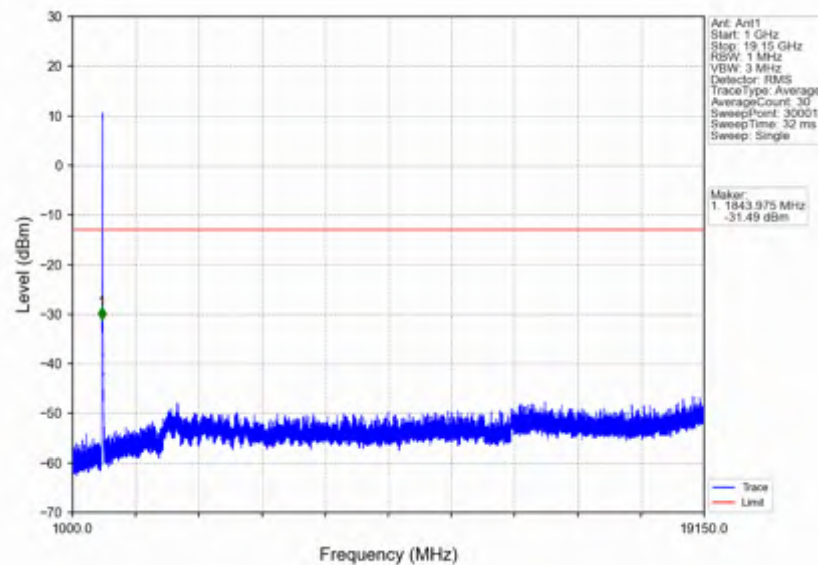
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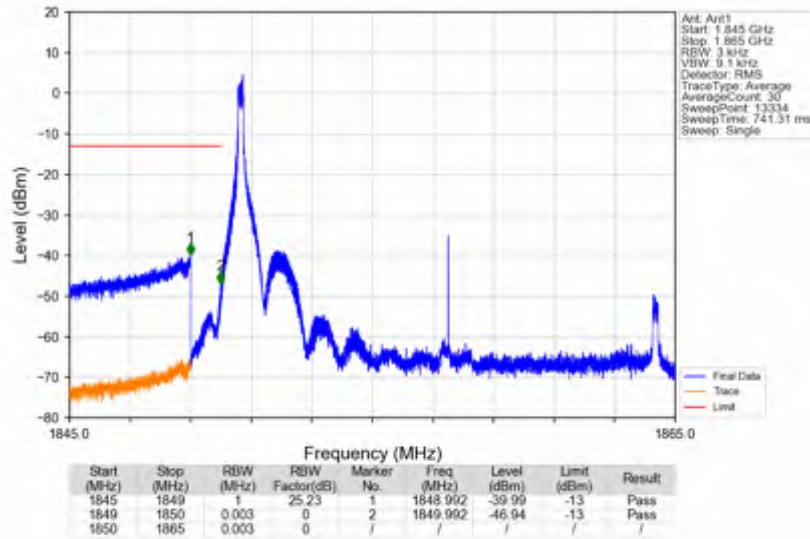
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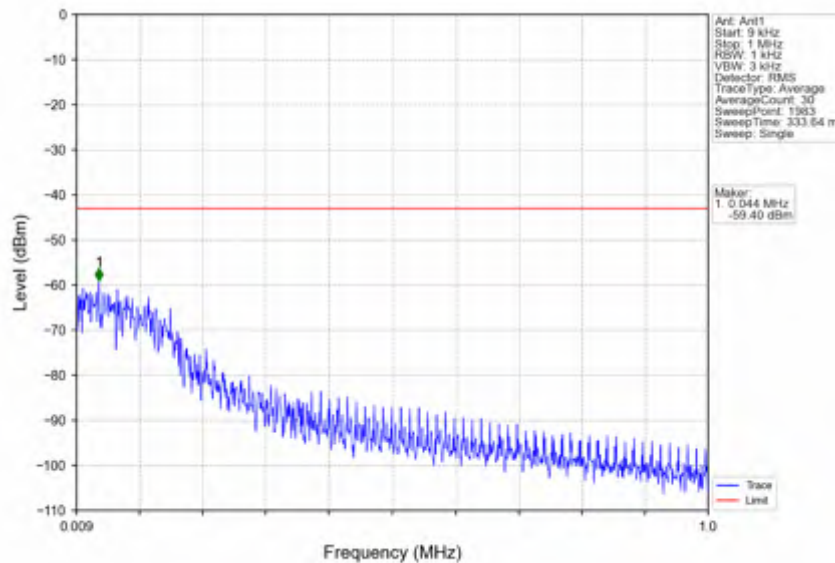
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n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Inner_1RB_Left



n25_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1857.5MHz_Inner_1RB_Left

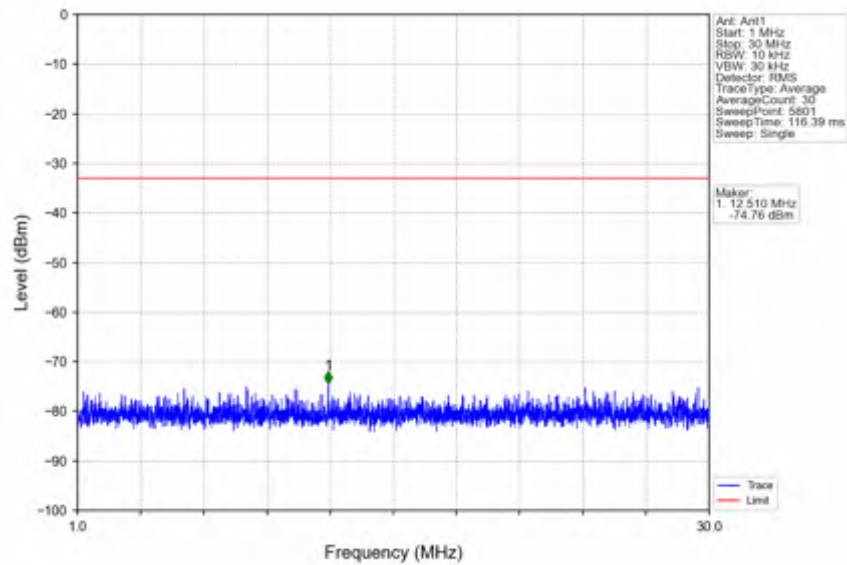


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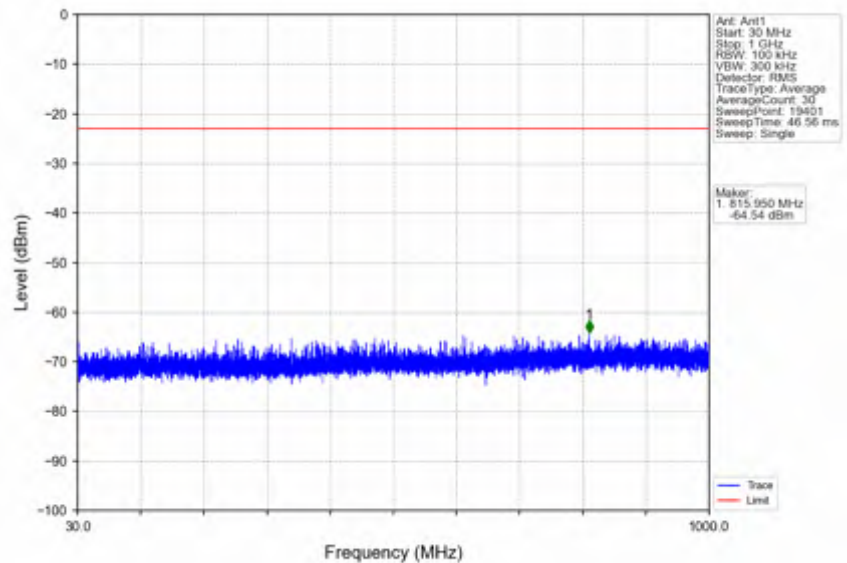
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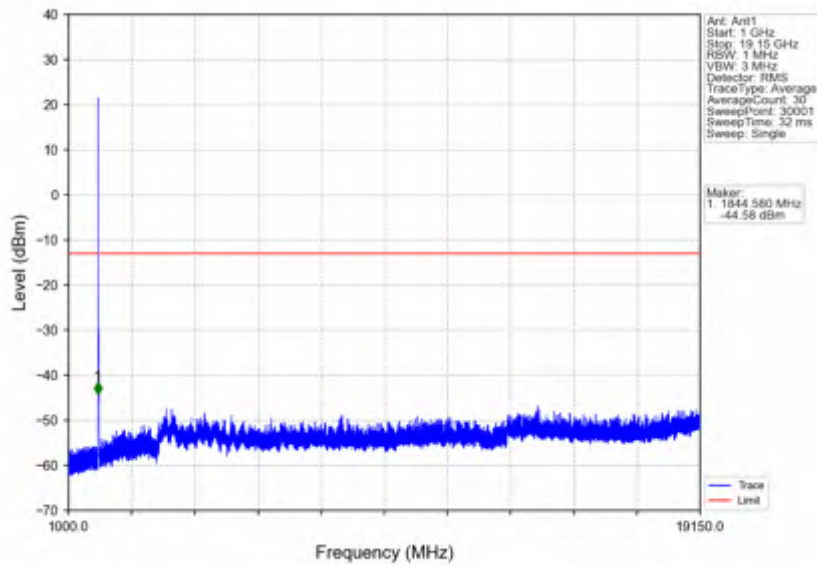
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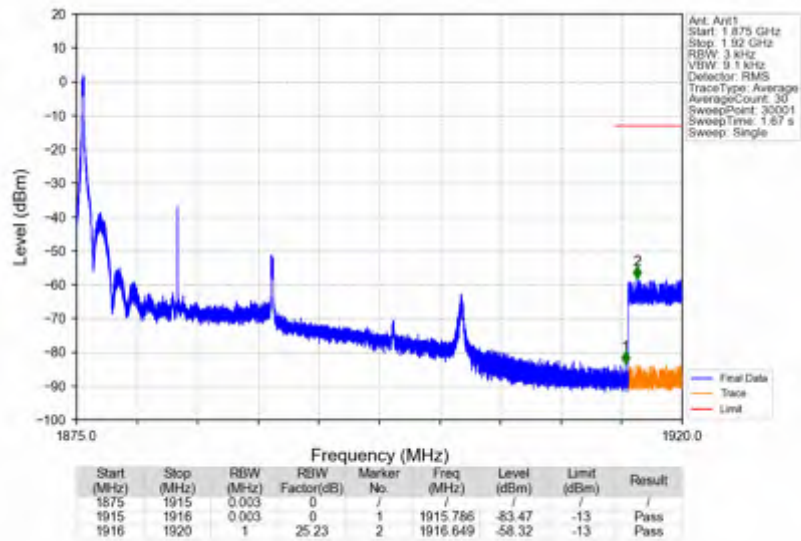
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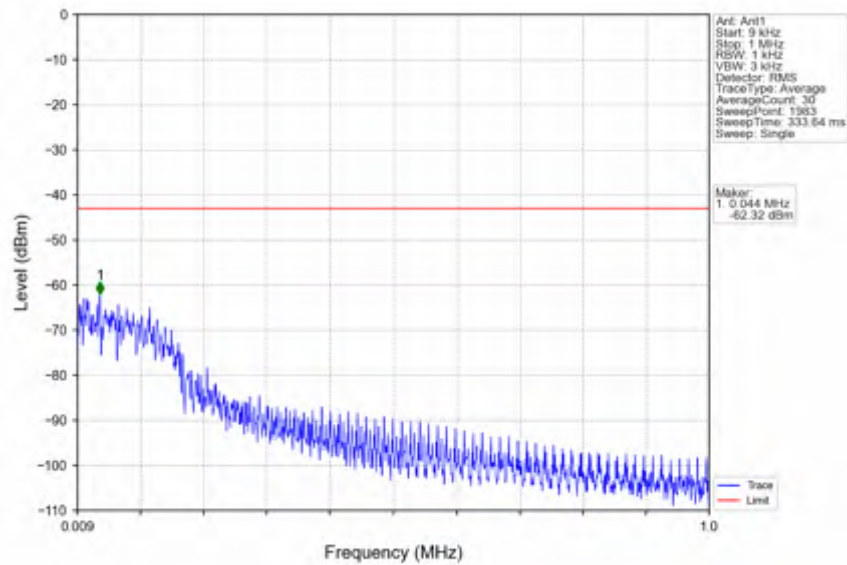
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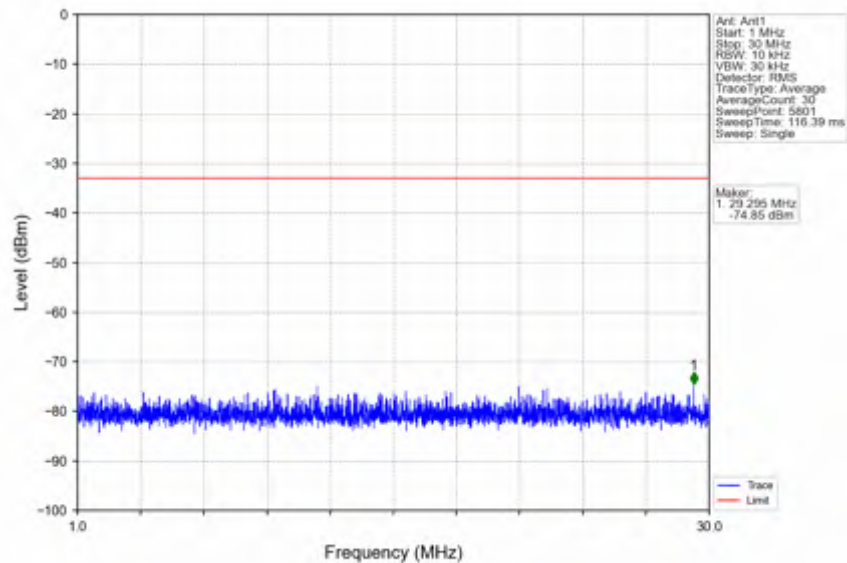
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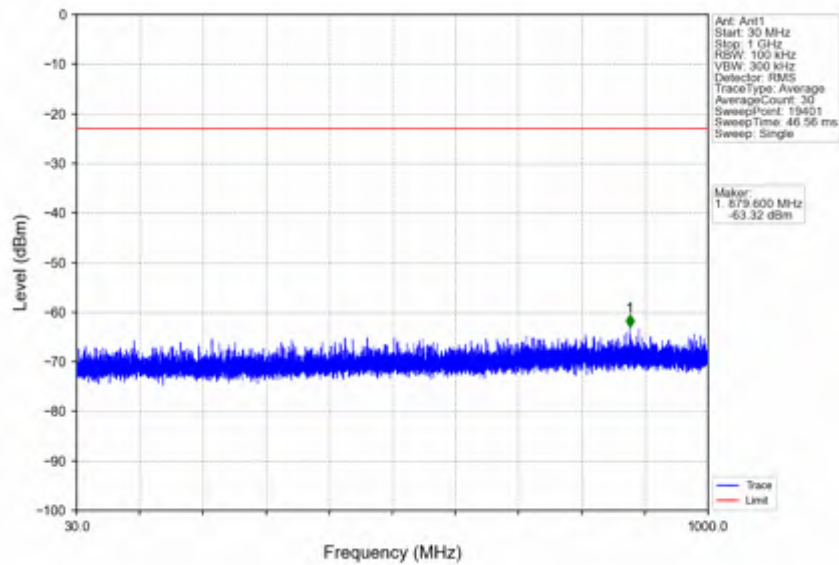
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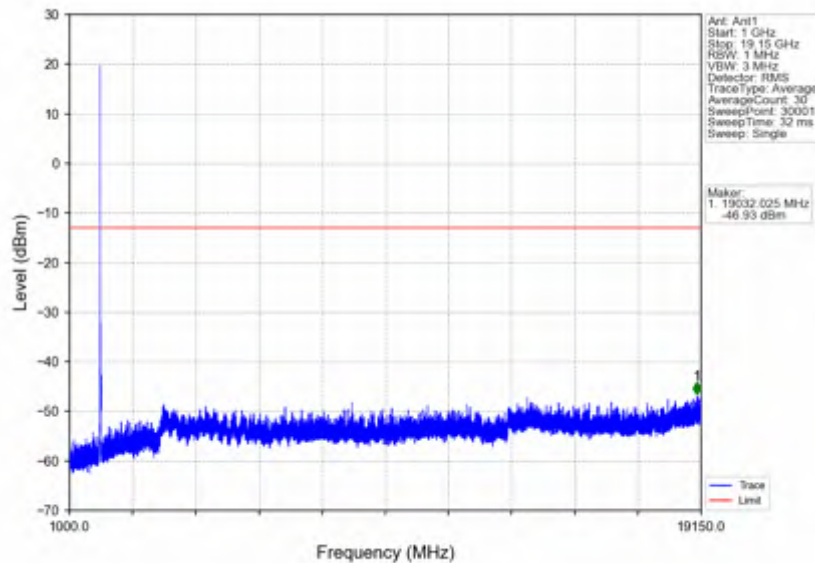
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