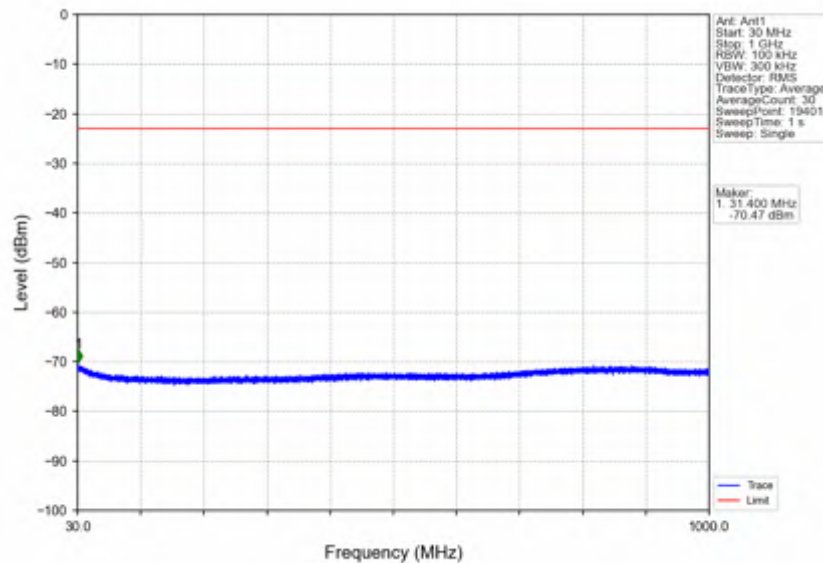
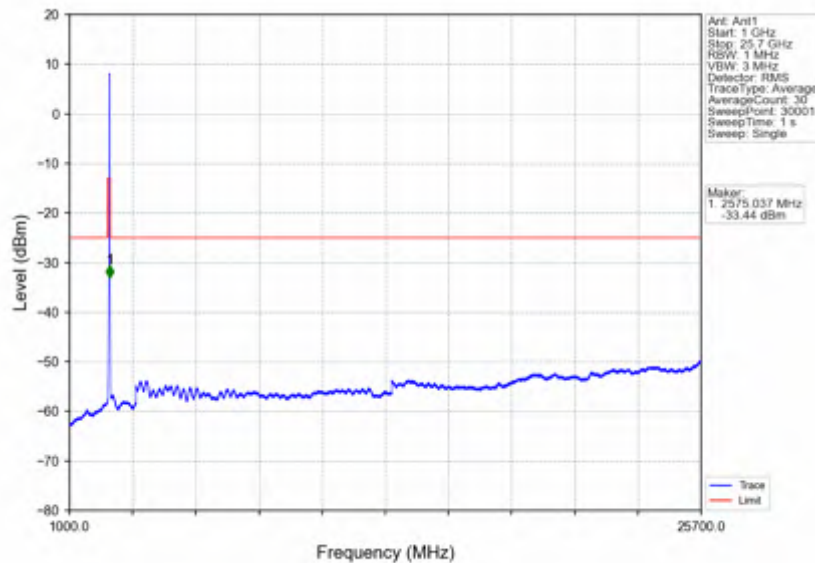


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n7_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2560MHz_Outer_Full



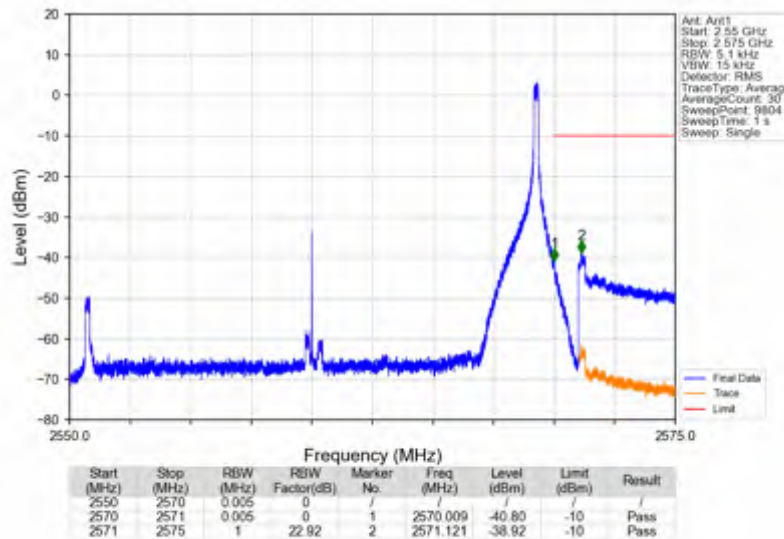
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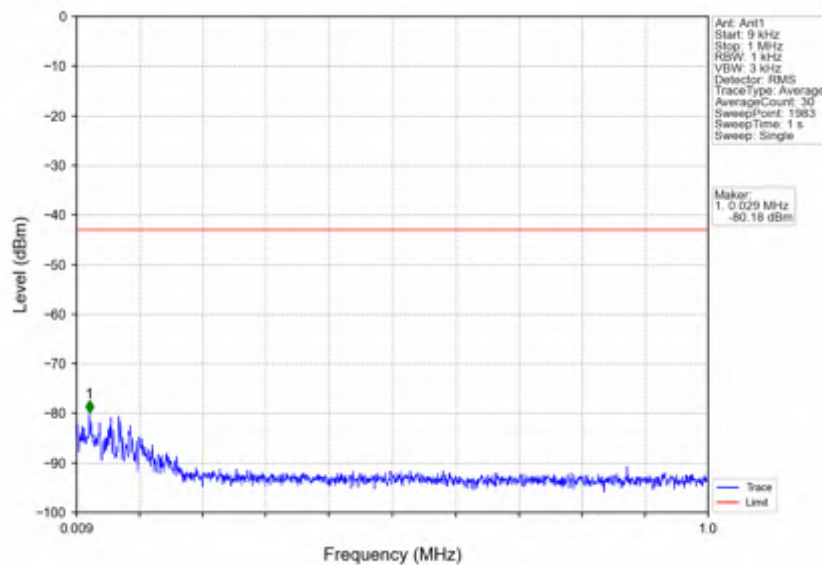
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n7_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2560MHz_Inner_1RB_Right



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2560MHz_Inner_1RB_Right

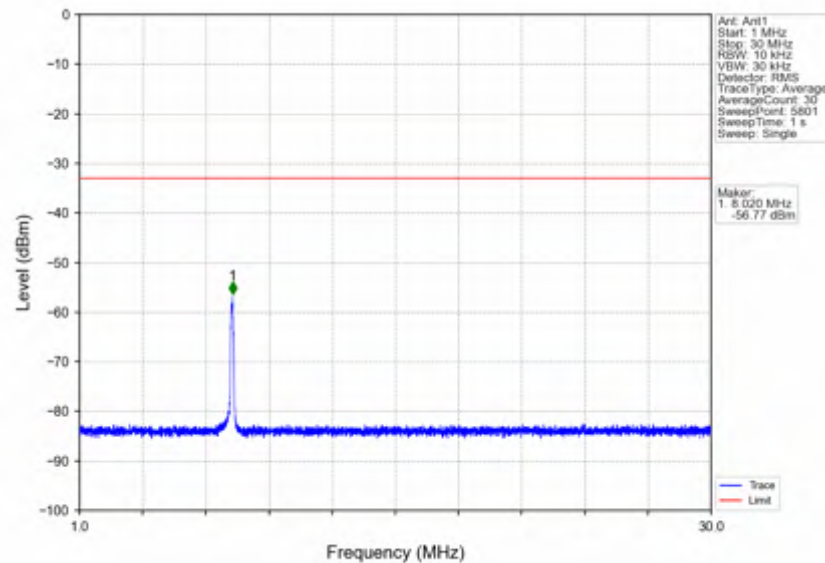


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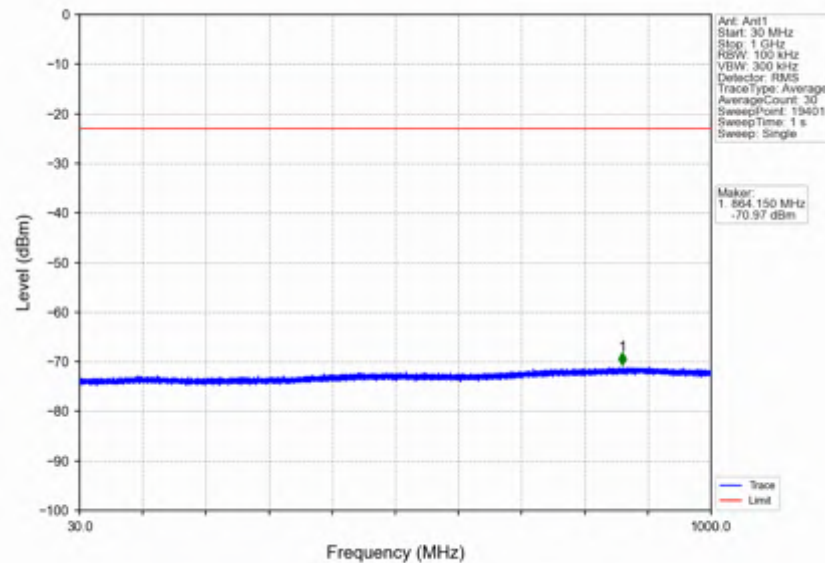
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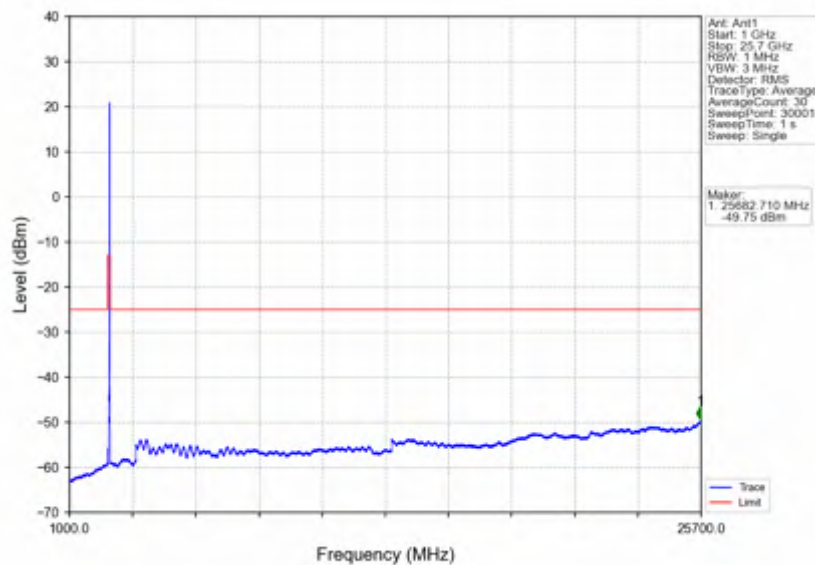
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3.5 15k_SISO_25MHz_NTNV

3.5.1 Test Result

5G NR n7 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2512.5	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	2512.5	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2535	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	2512.5	Edge 1RB Right	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	2557.5	Inner 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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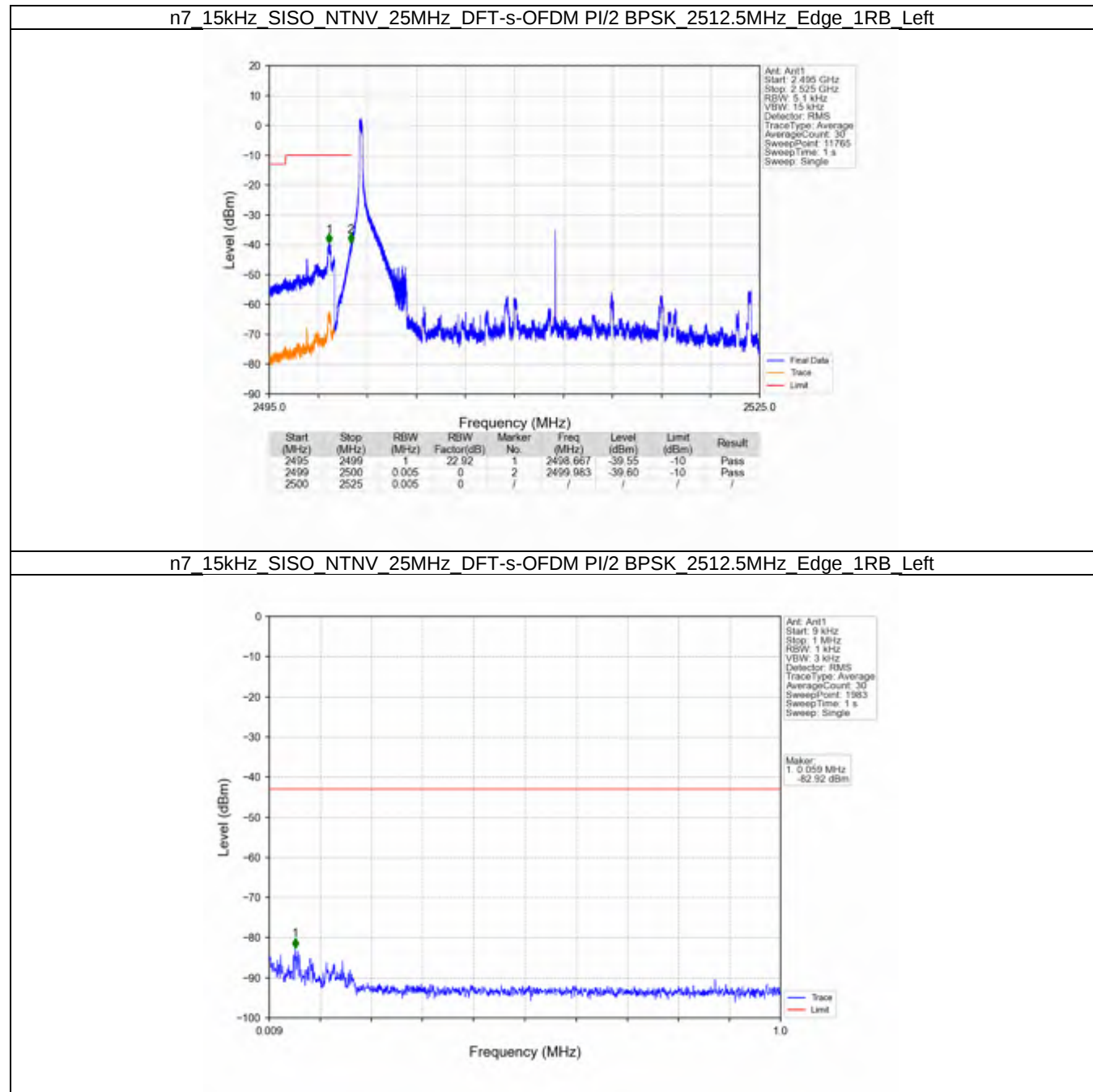
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3.5.2 Test Graph

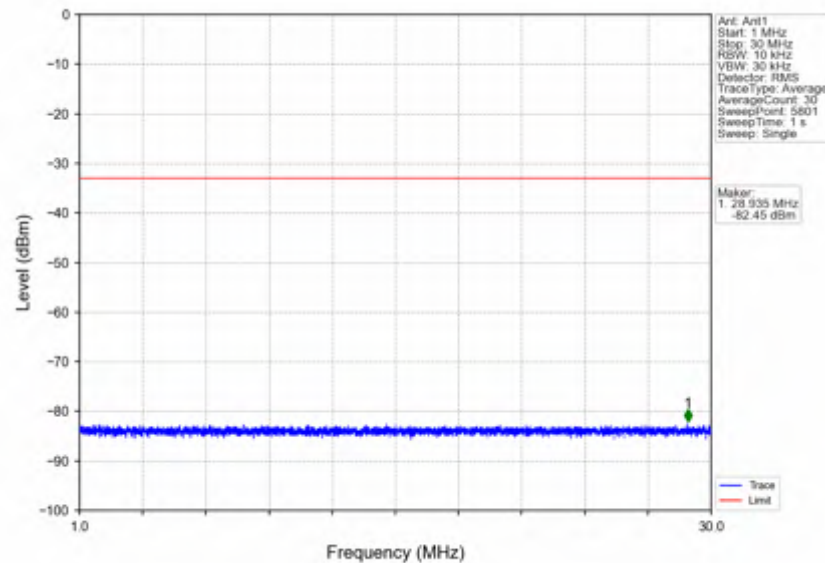


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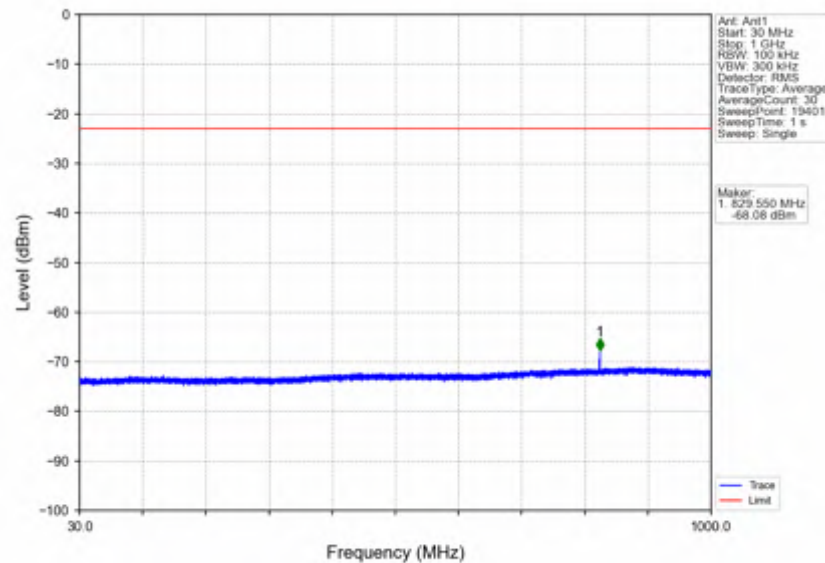
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2512.5MHz_Edge_1RB_Left



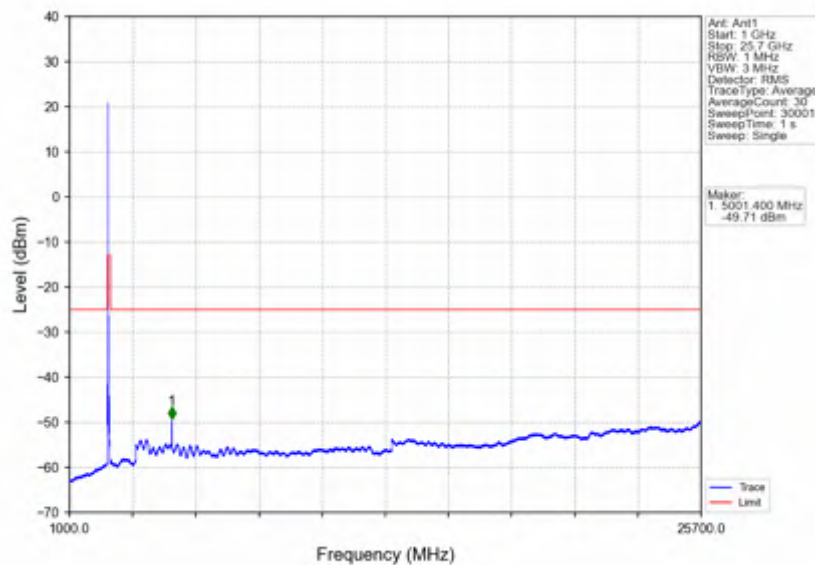
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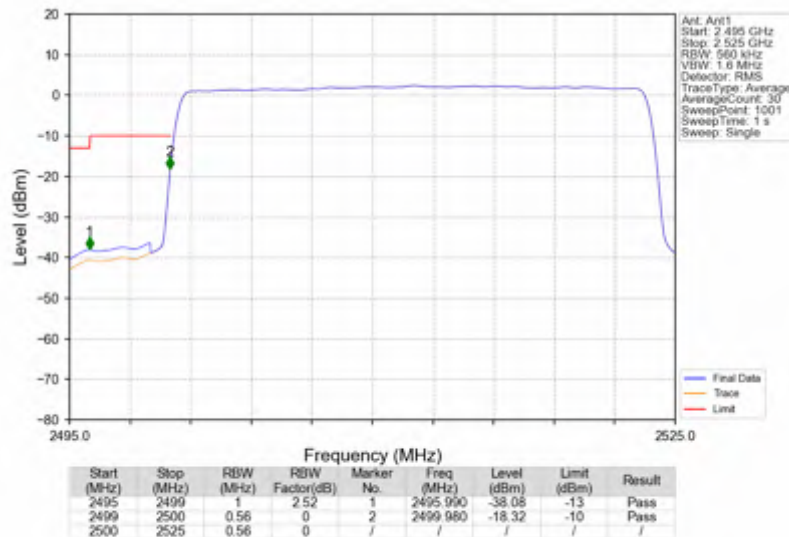
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2512.5MHz_Outer_Full



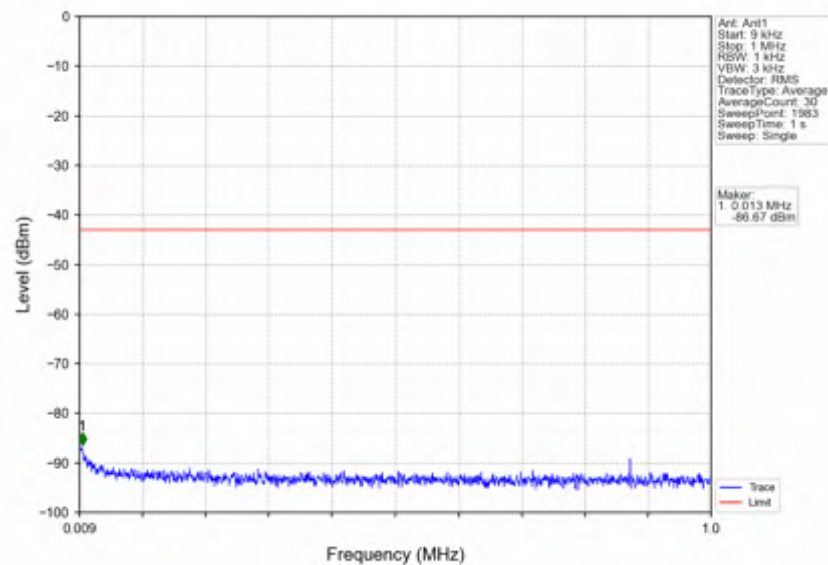
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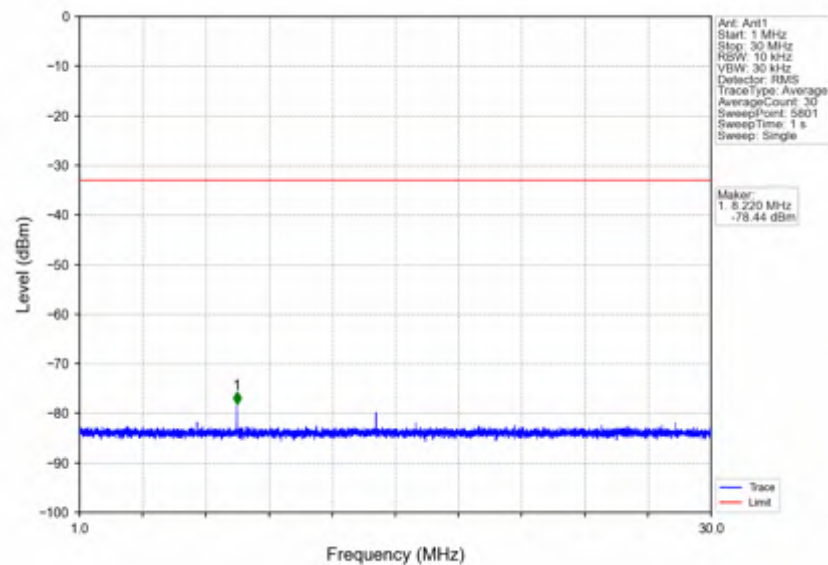
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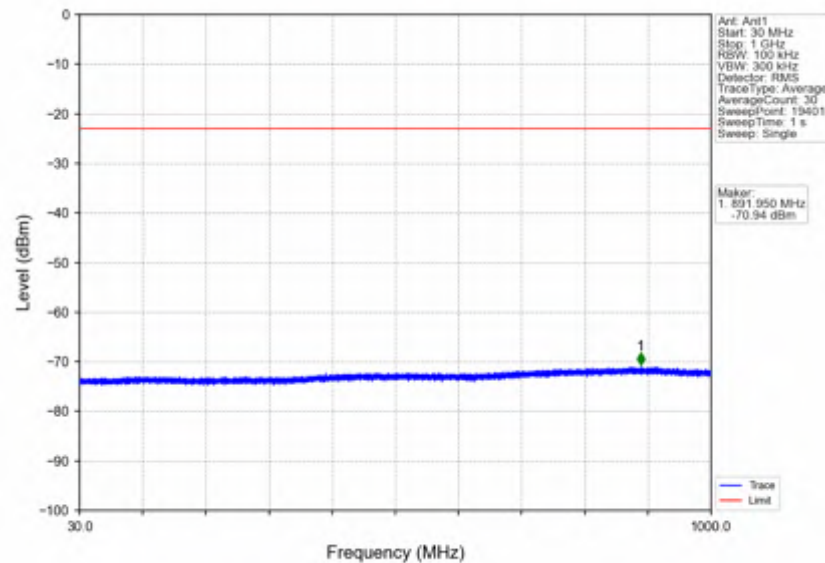


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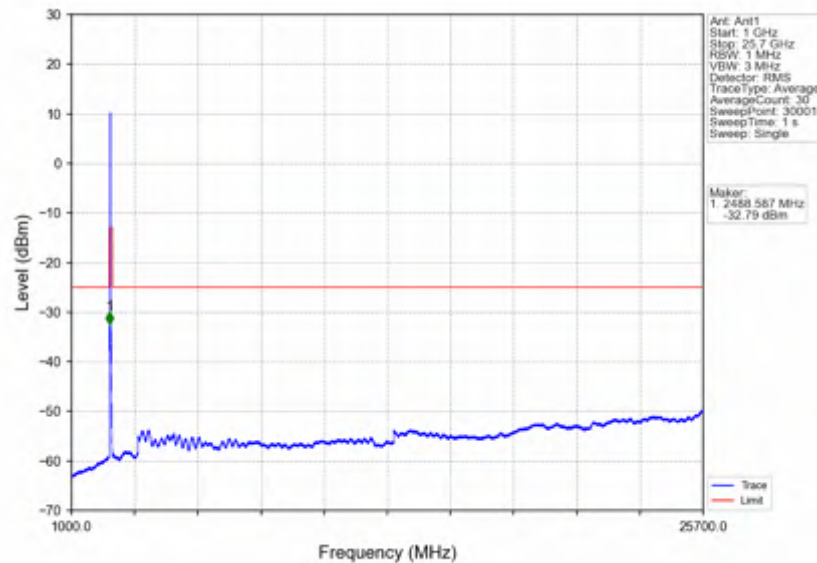
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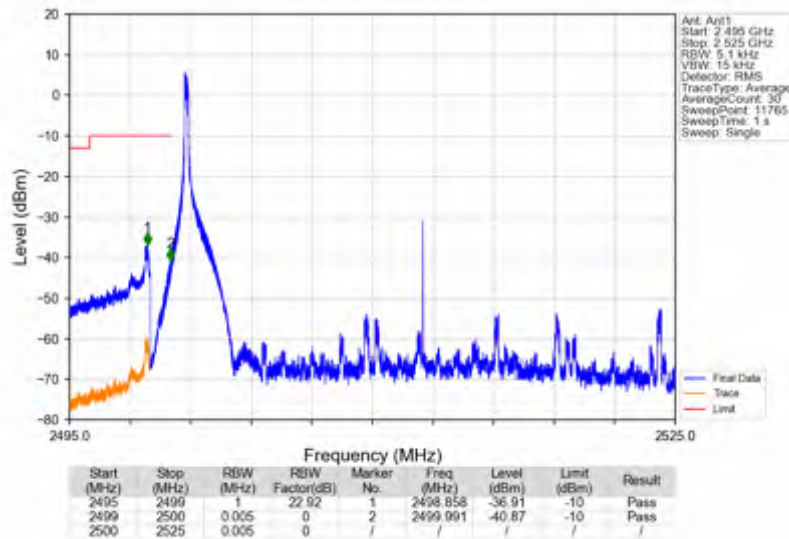
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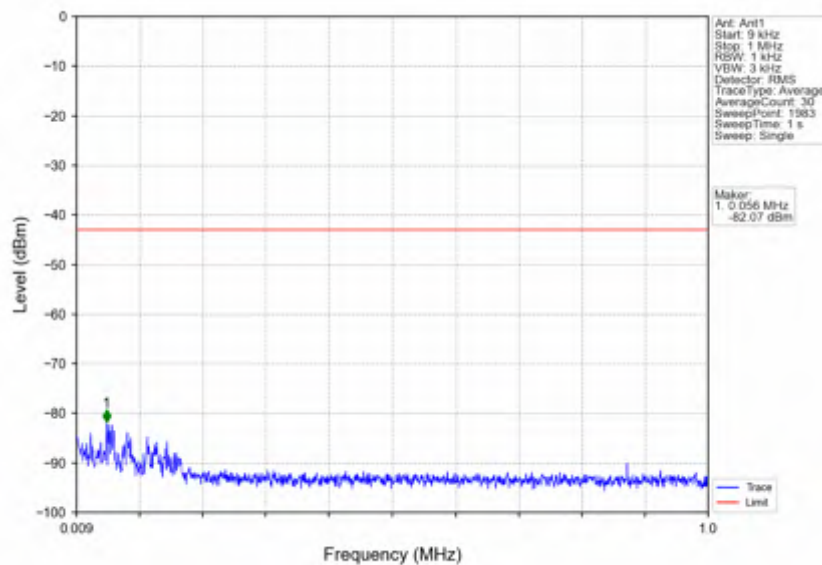
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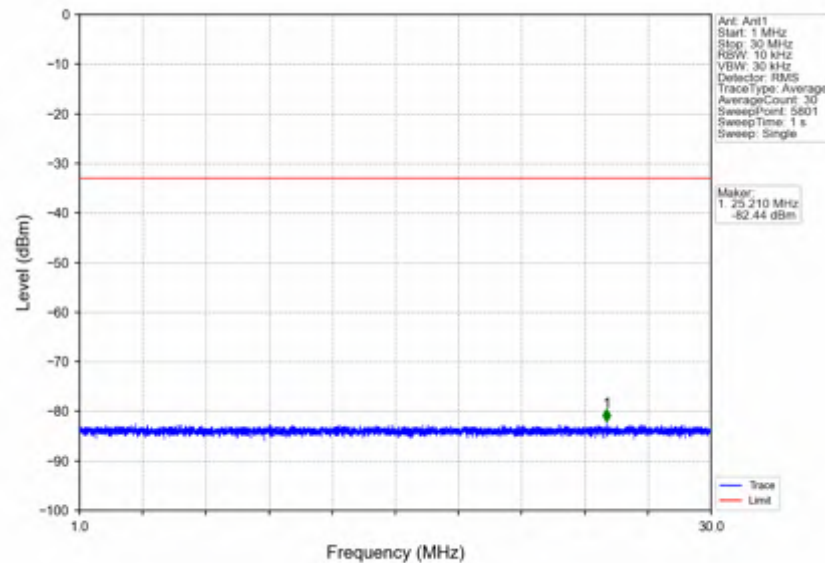
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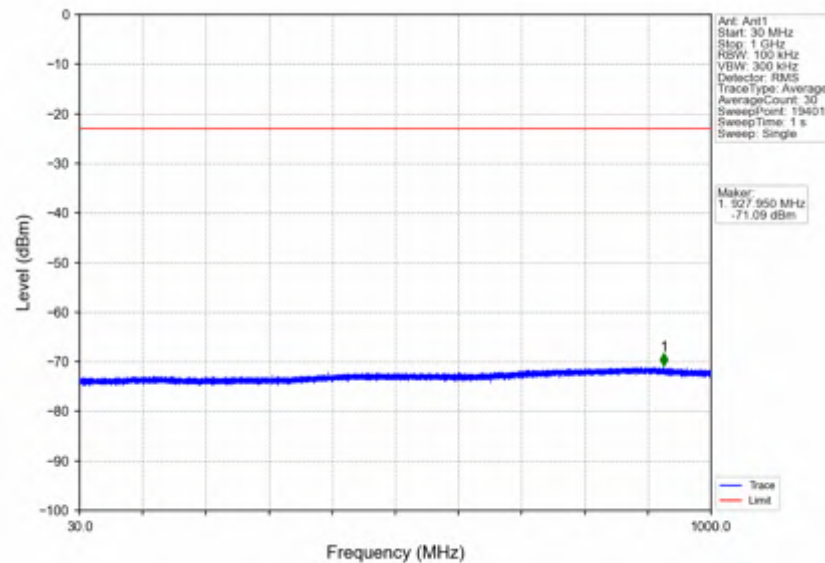
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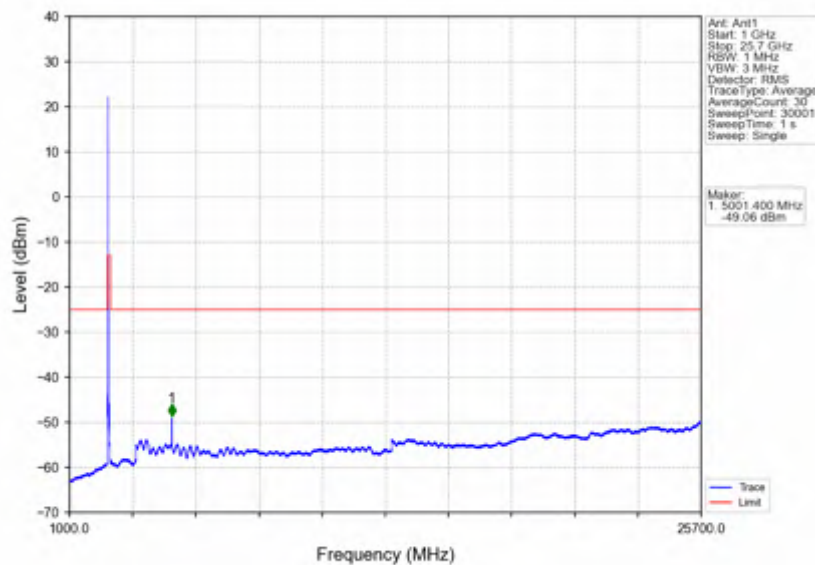
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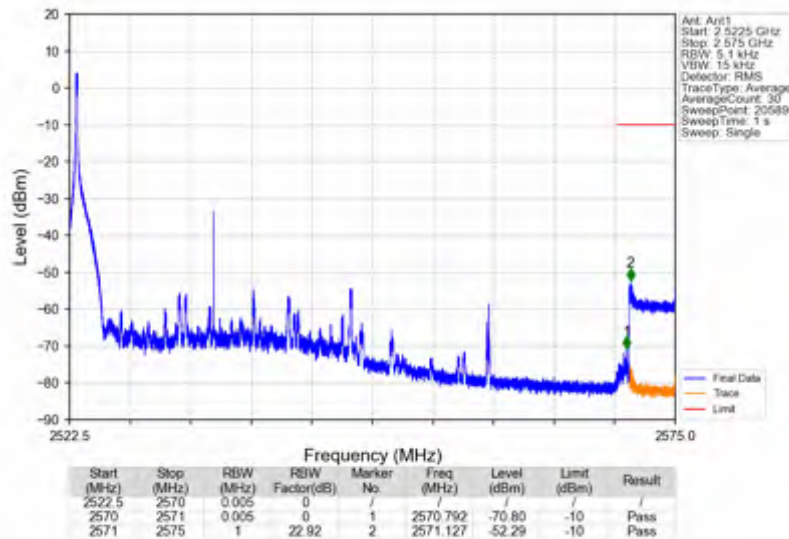
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2535MHz_Edge_1RB_Left

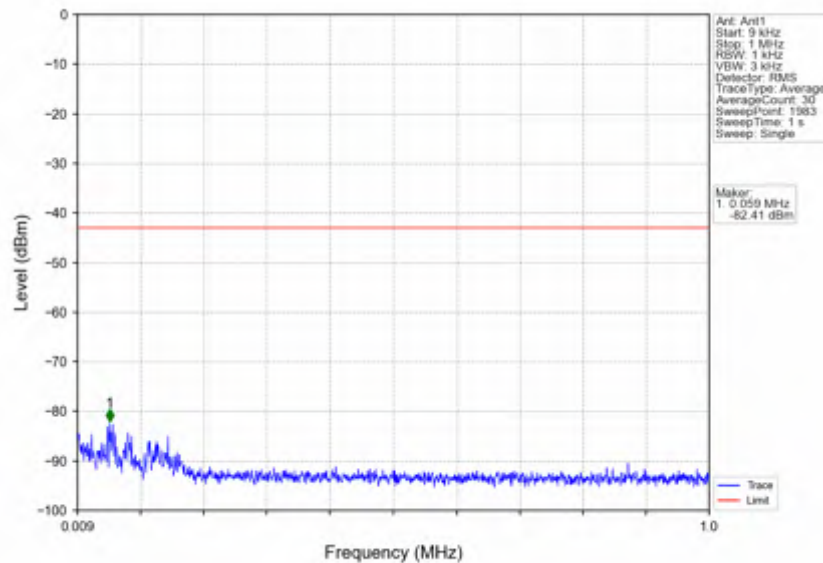


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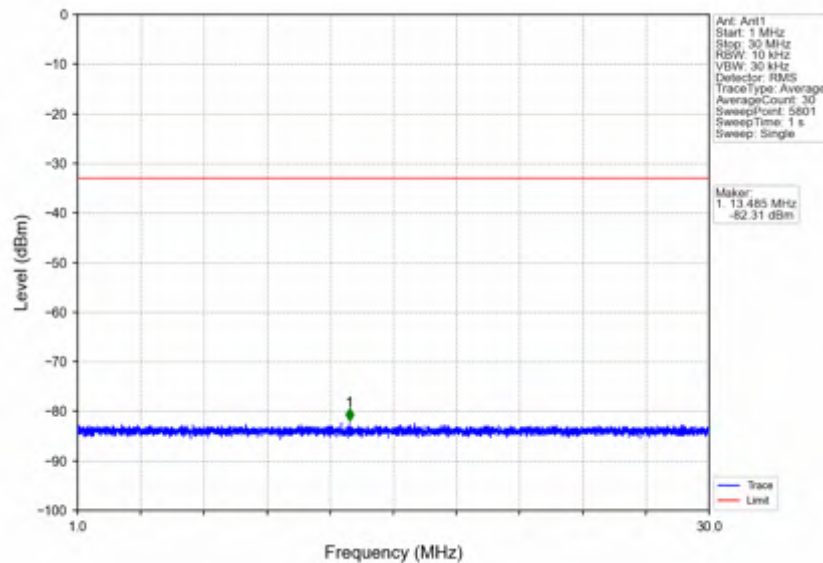
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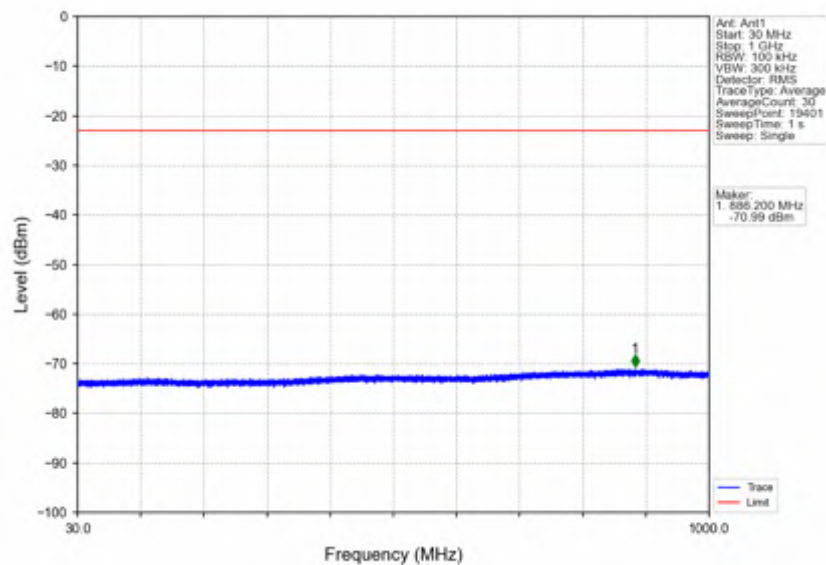
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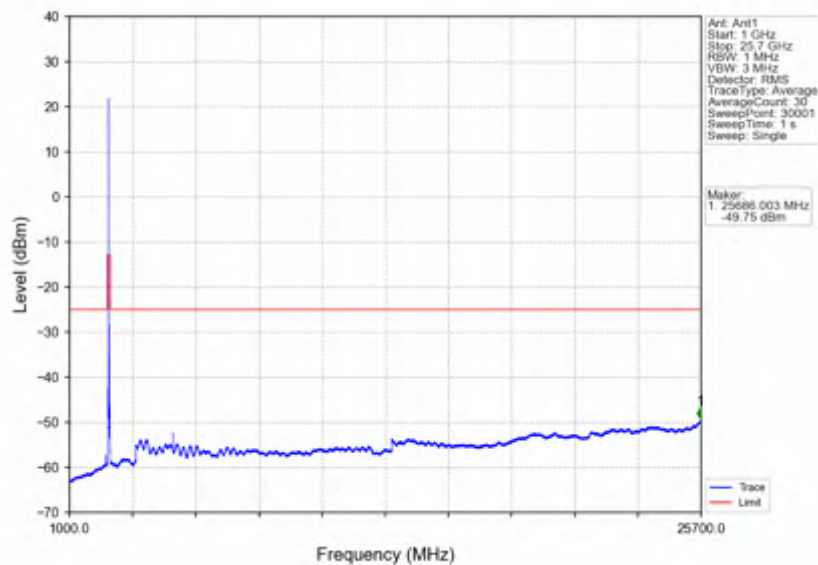
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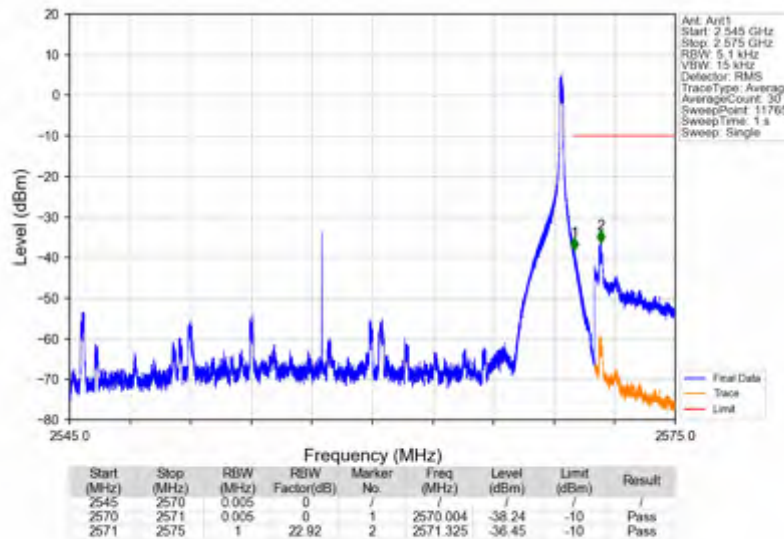


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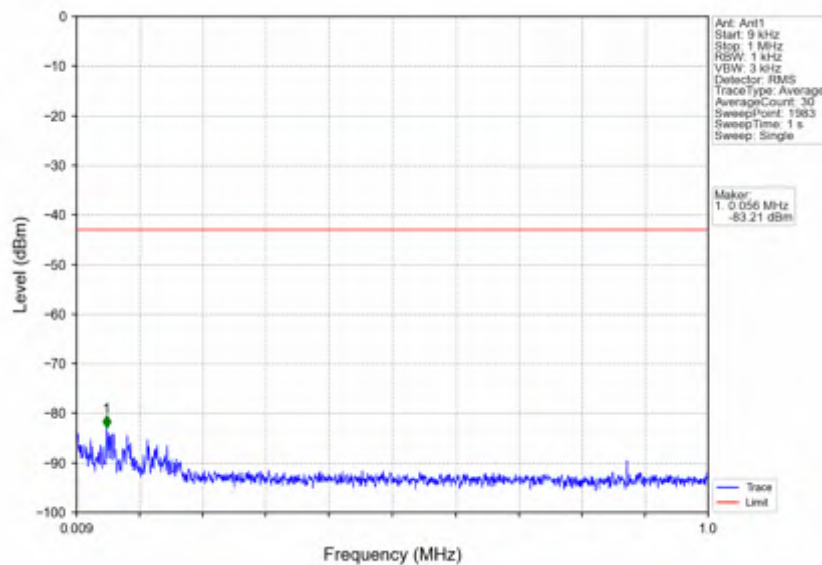
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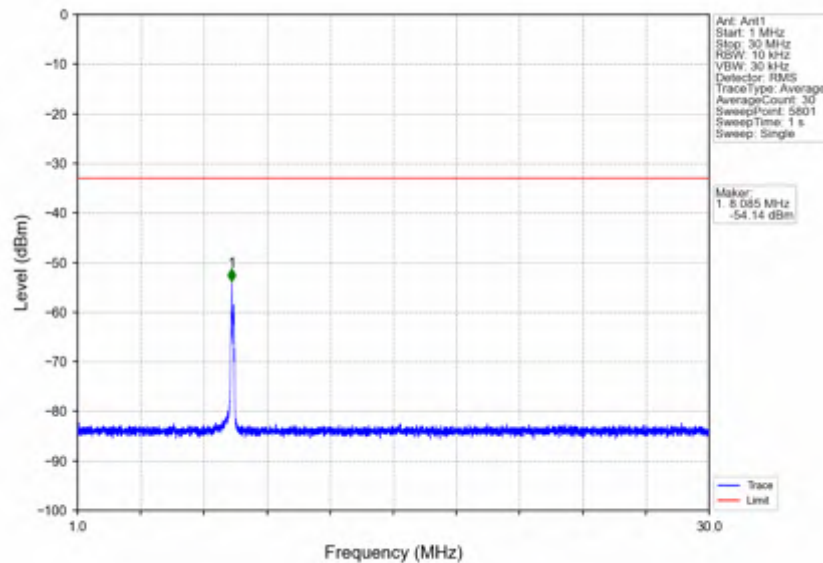


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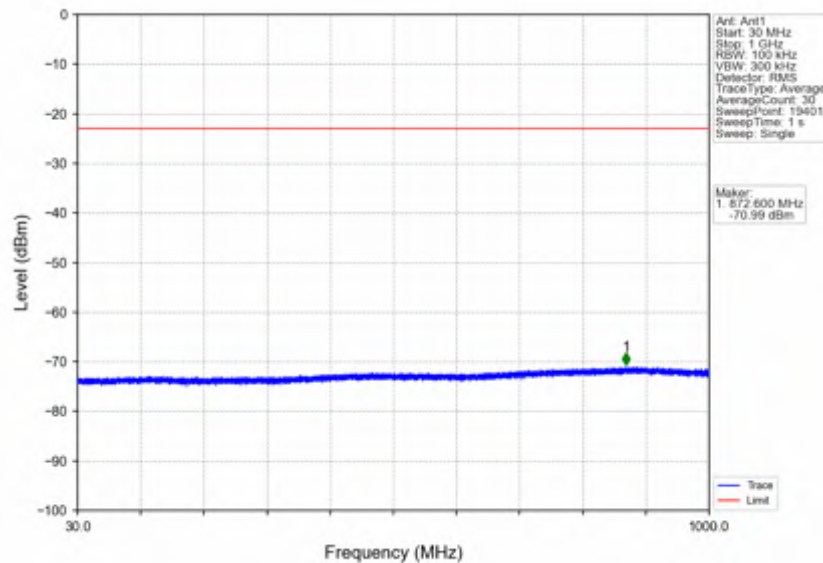
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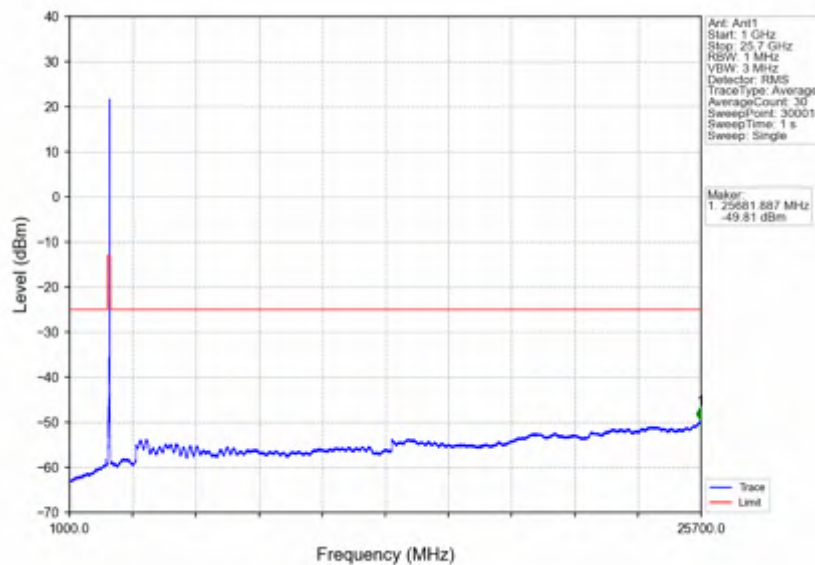
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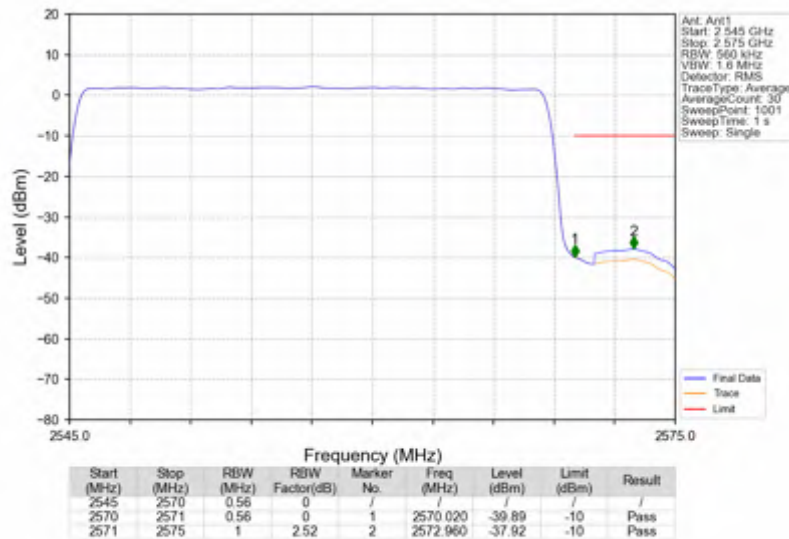
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2557.5MHz_Outer_Full



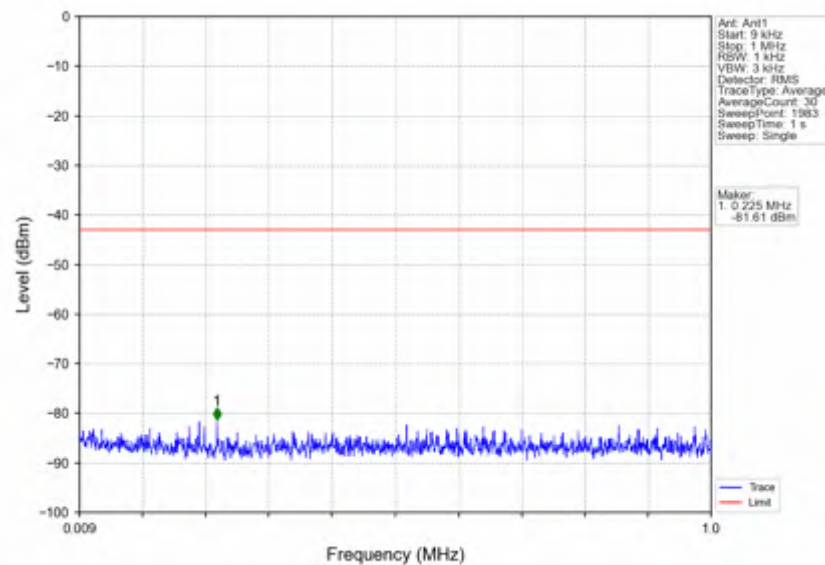
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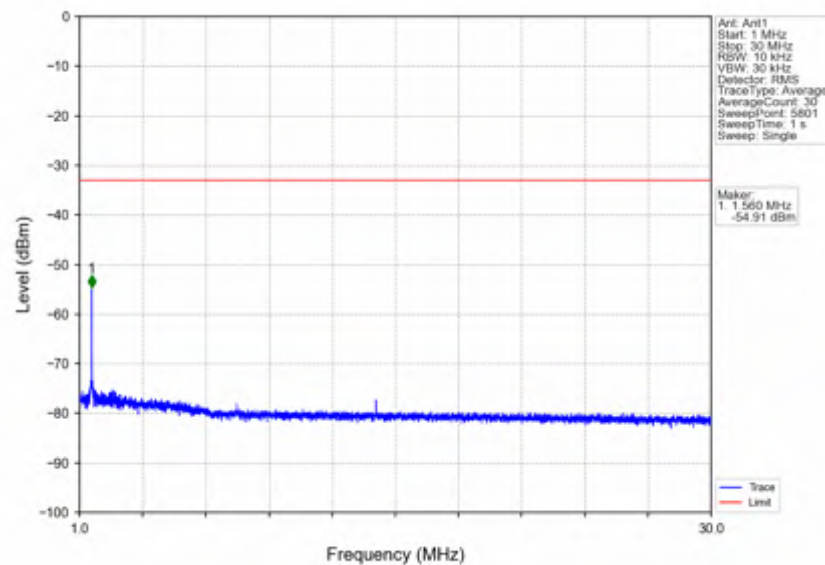
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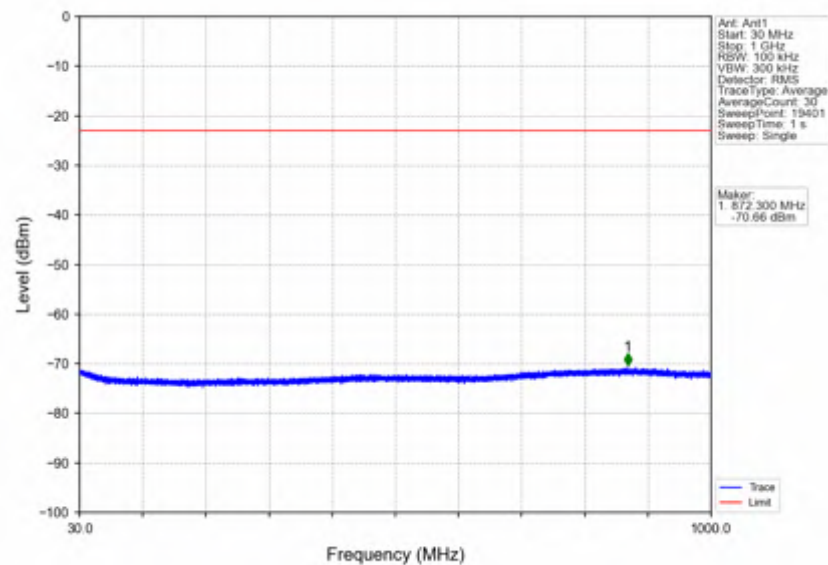
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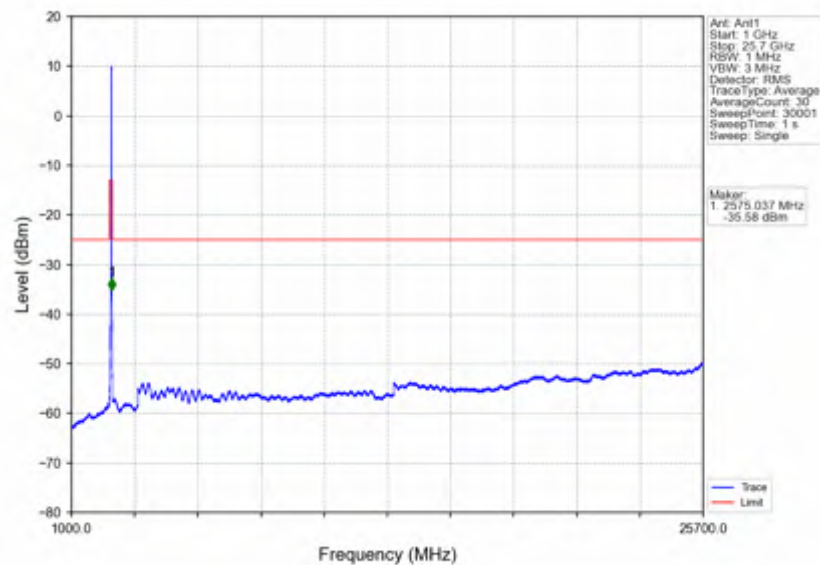
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n7	15kHz	SISO	NTNV	25MHz	DFT-s-OFDM	PI/2 BPSK	2557.5MHz	Outer	Full
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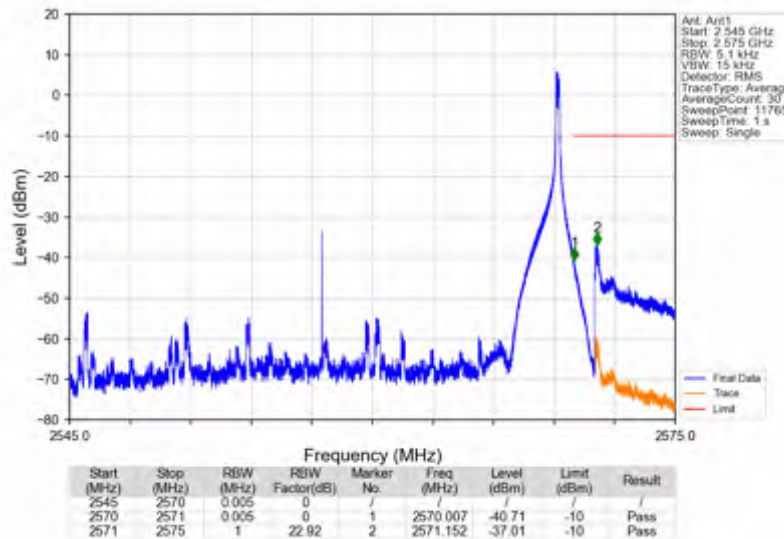


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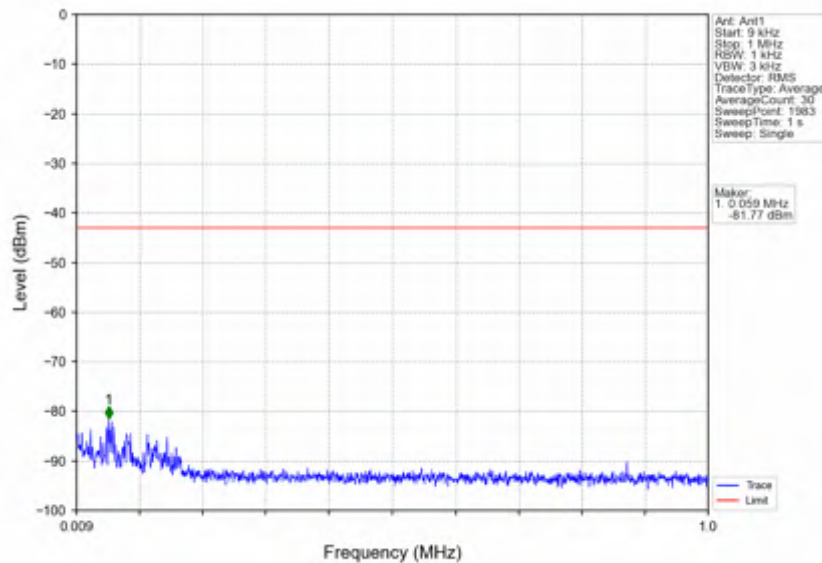
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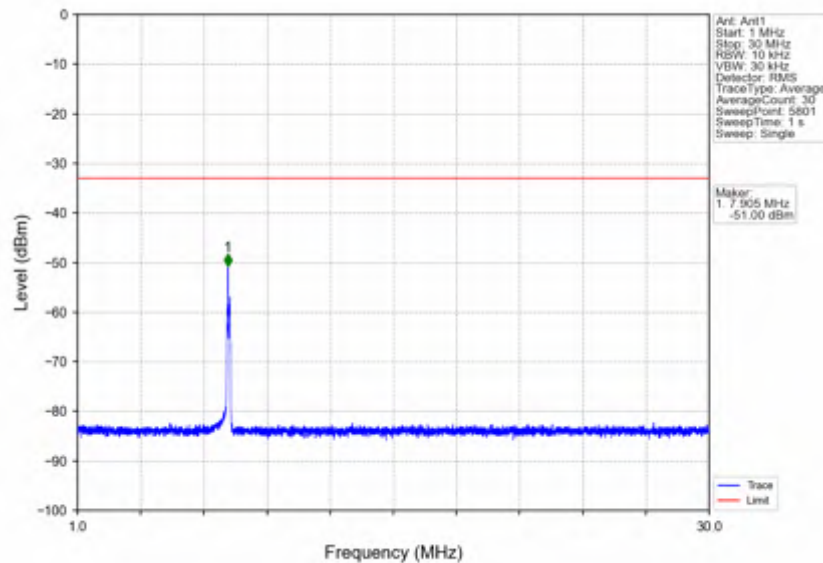


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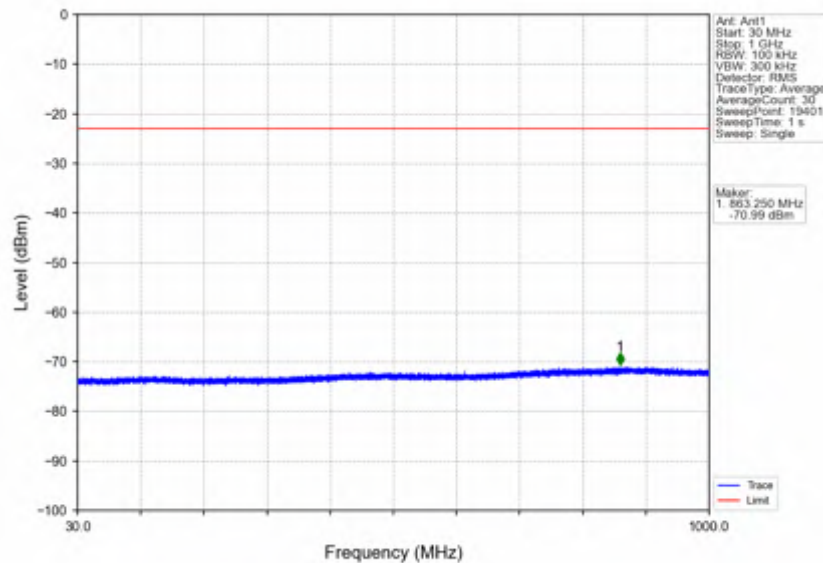
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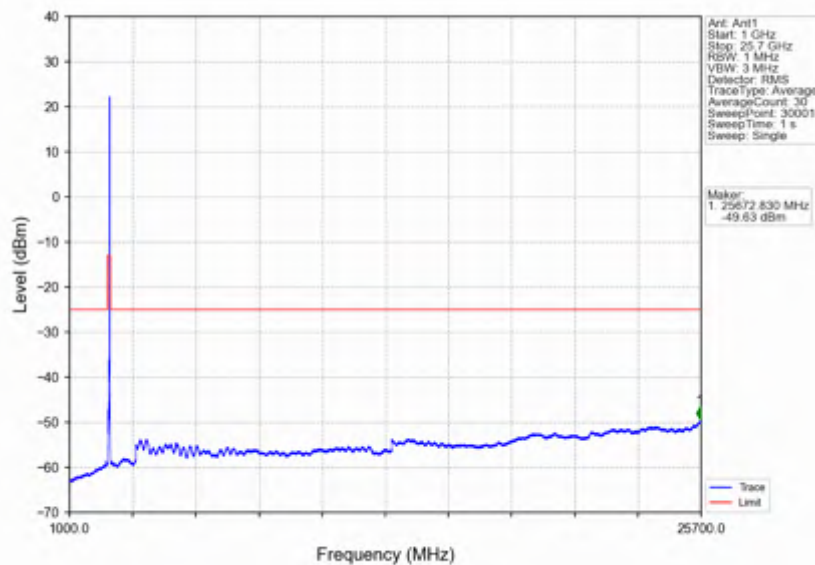
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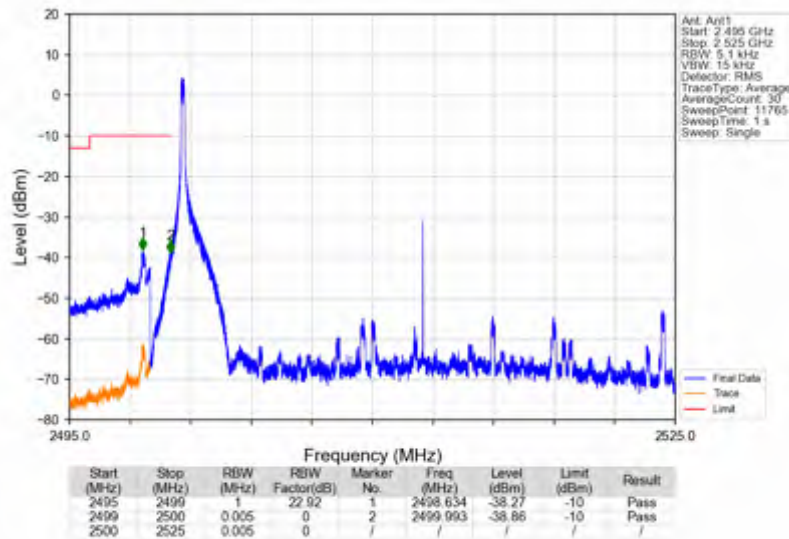
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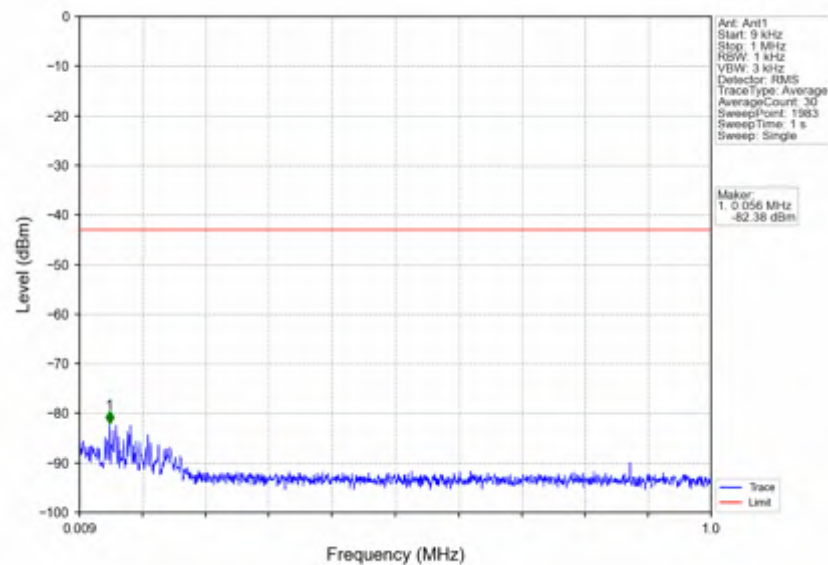
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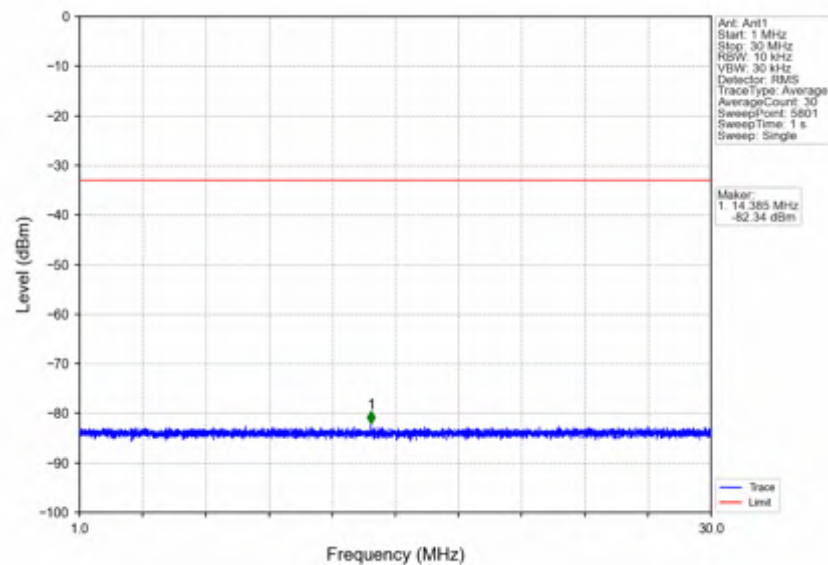
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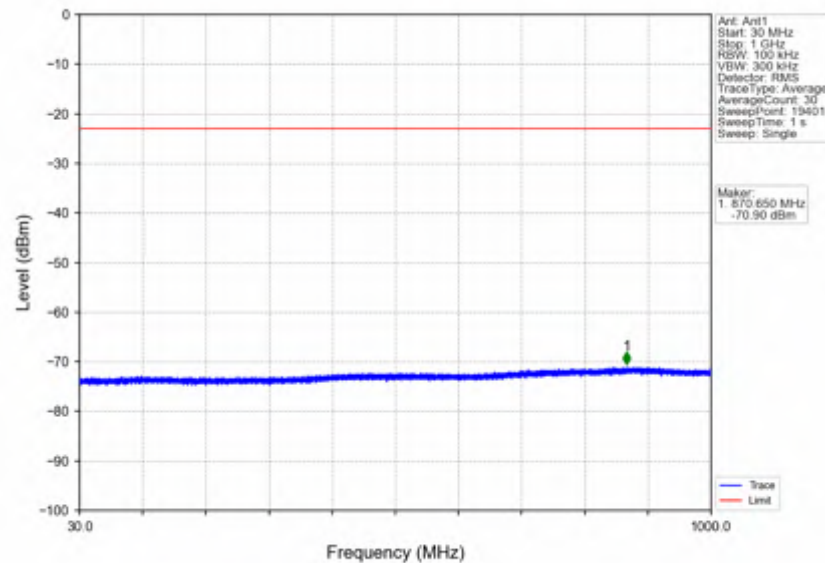
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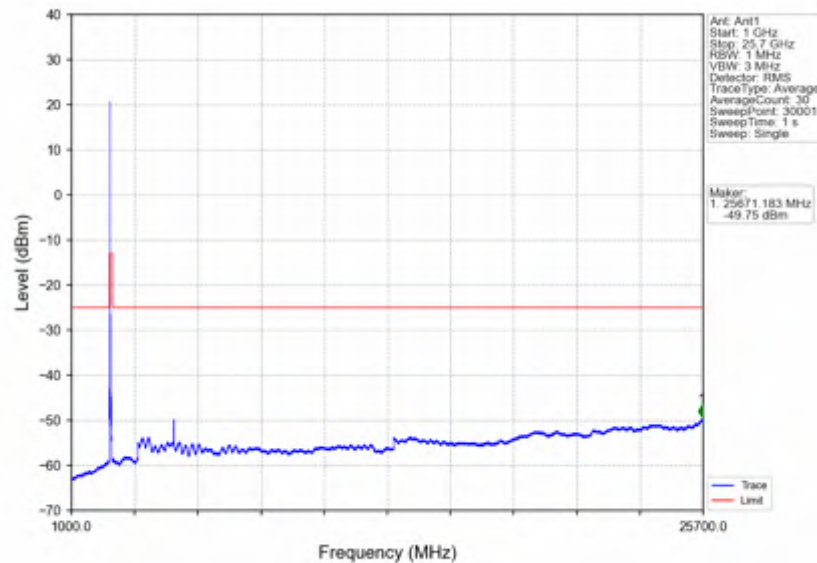
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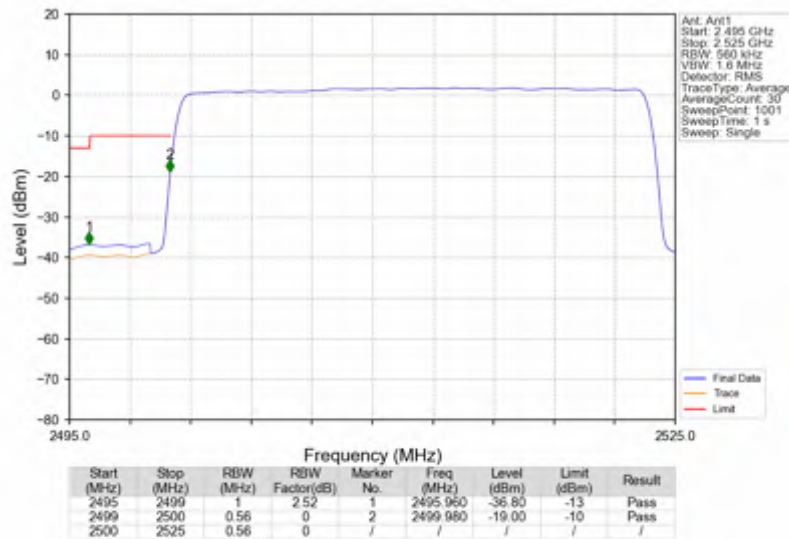
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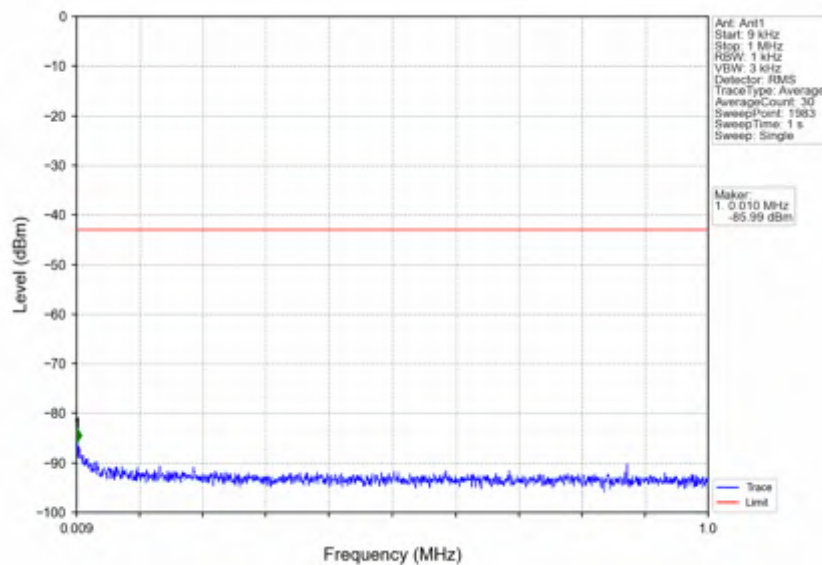
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2512.5MHz_Outer_Full



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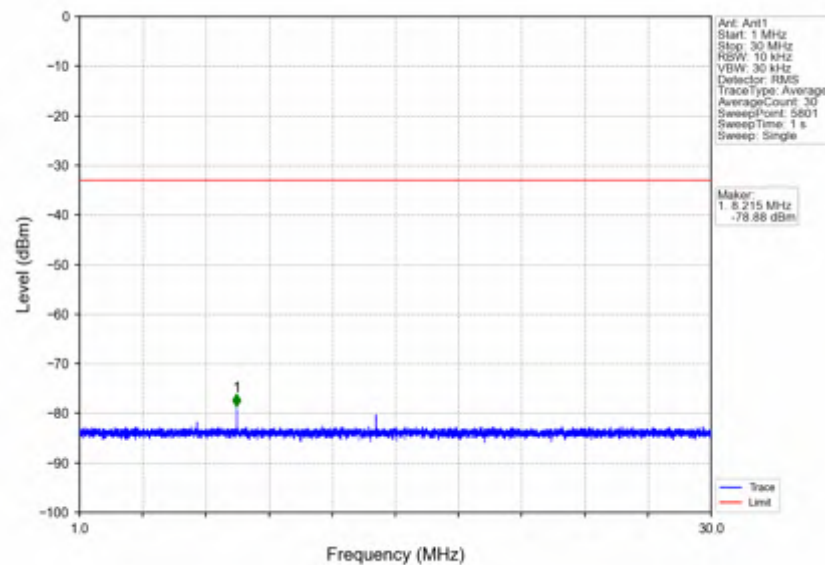


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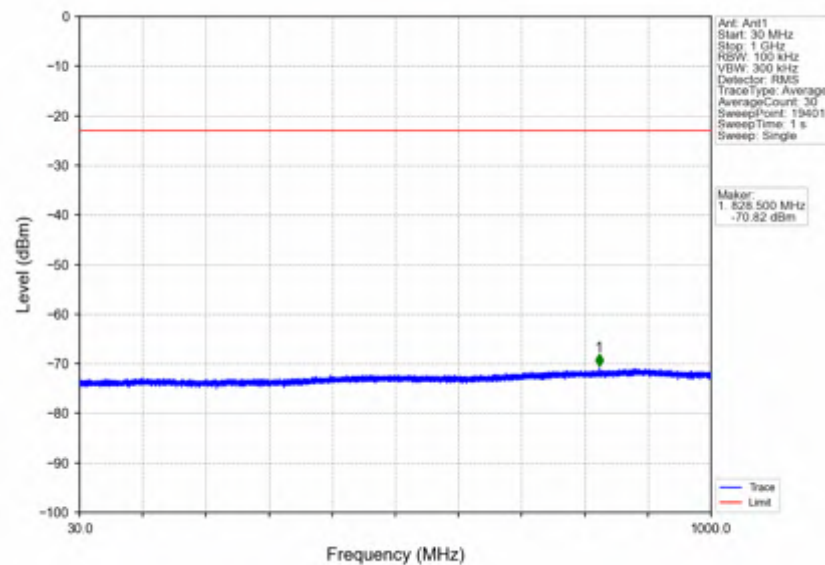
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2512.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2512.5MHz_Outer_Full



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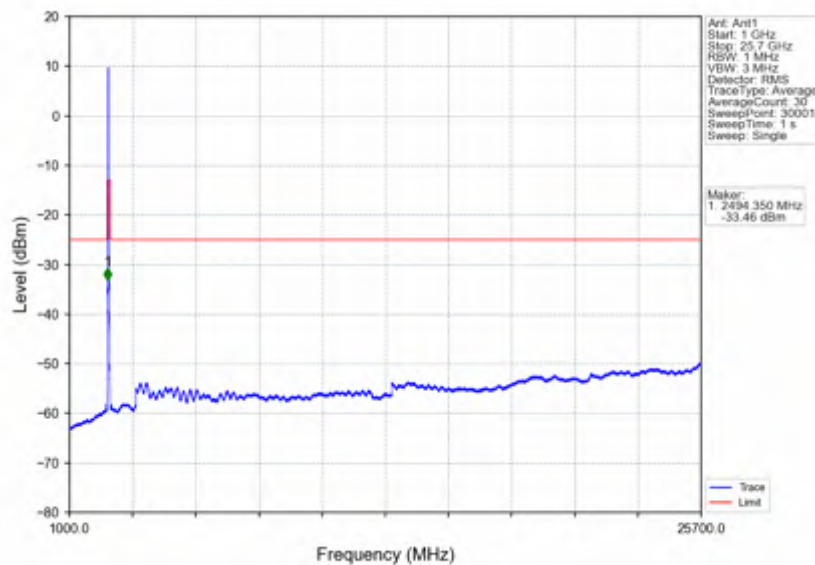
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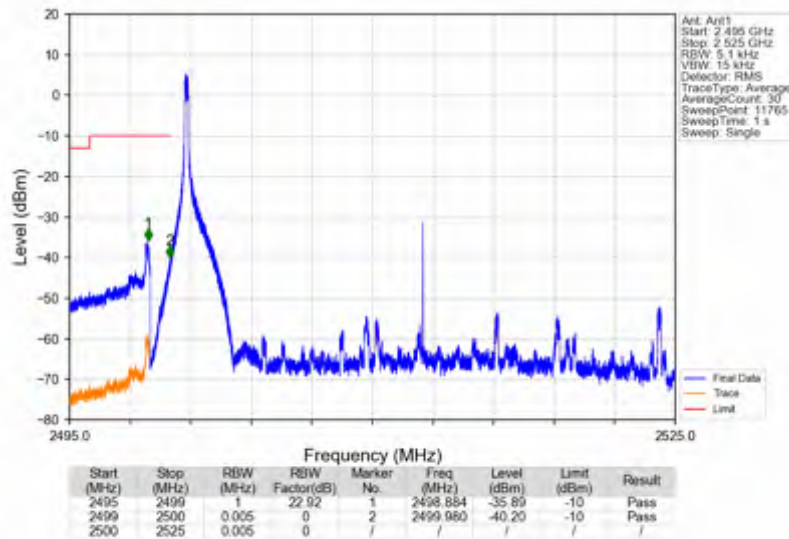
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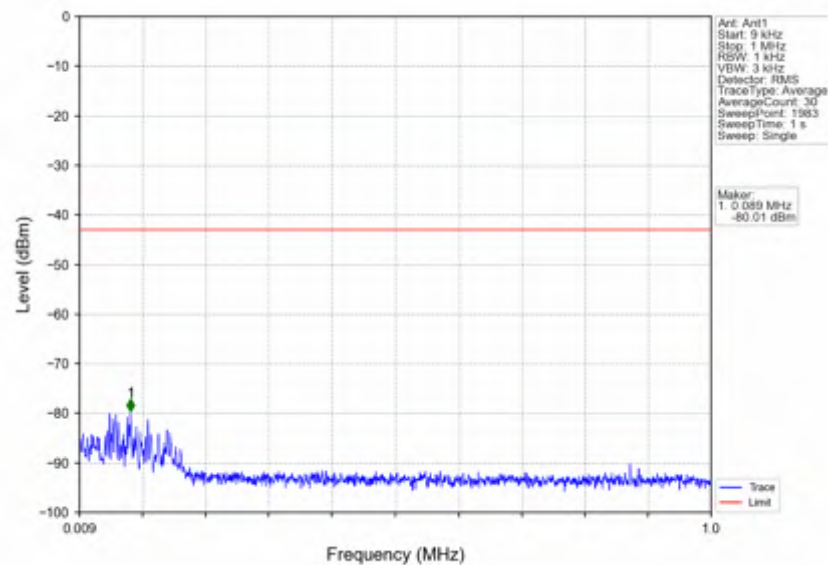
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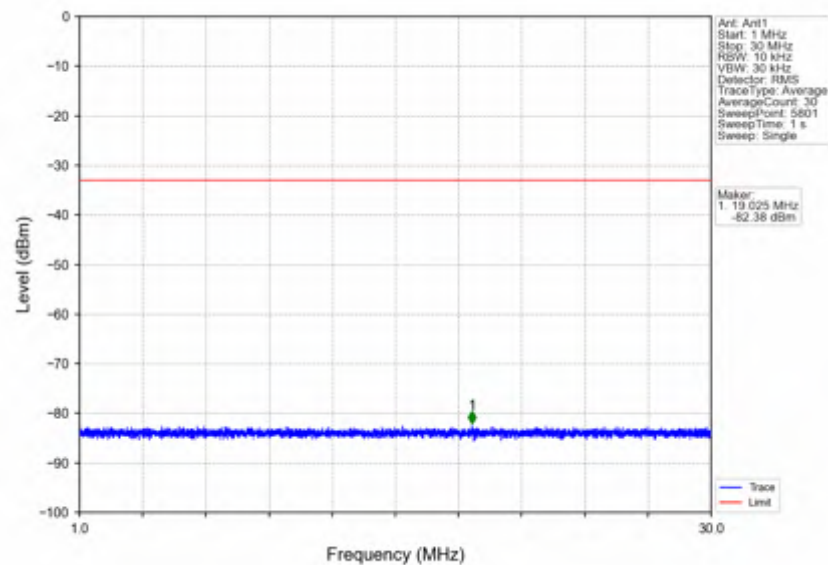
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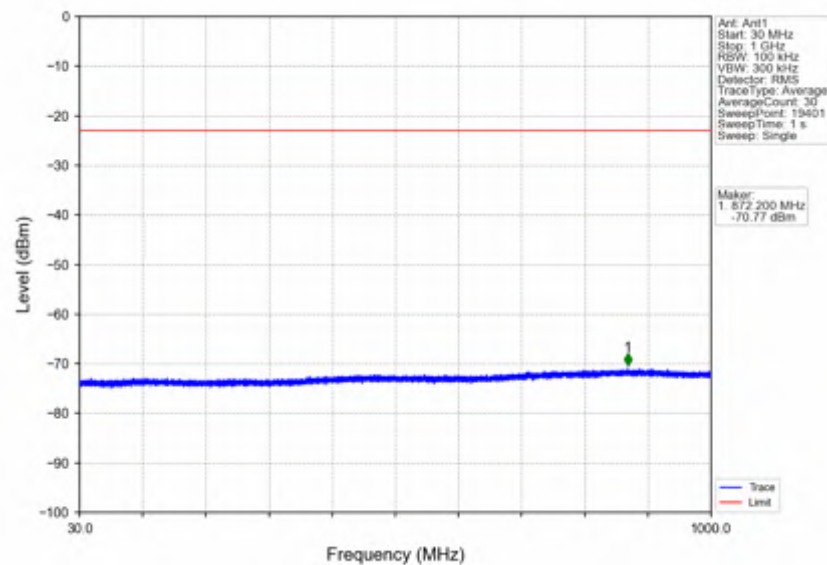
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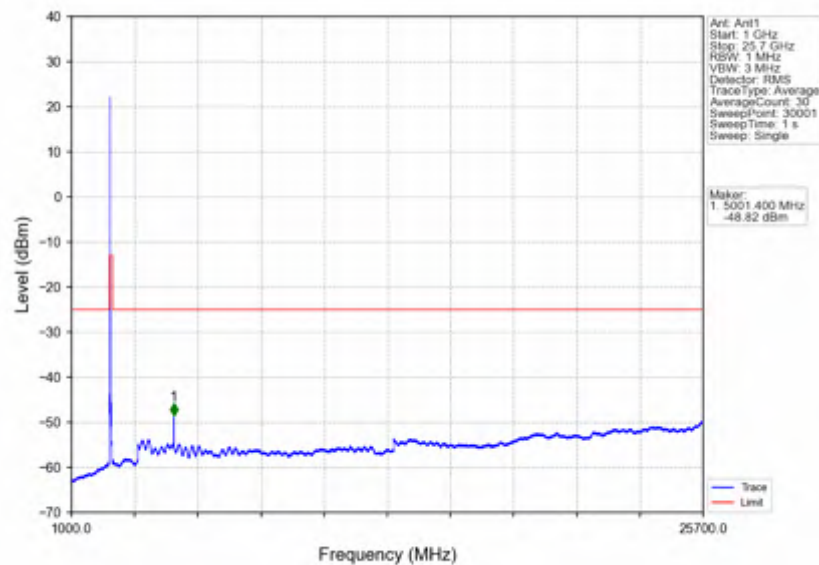
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n7 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2512.5MHz Inner 1RB Left

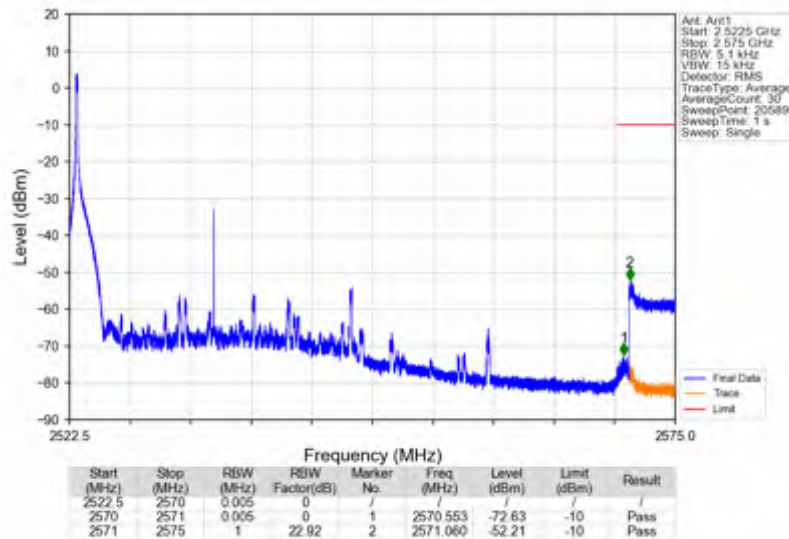


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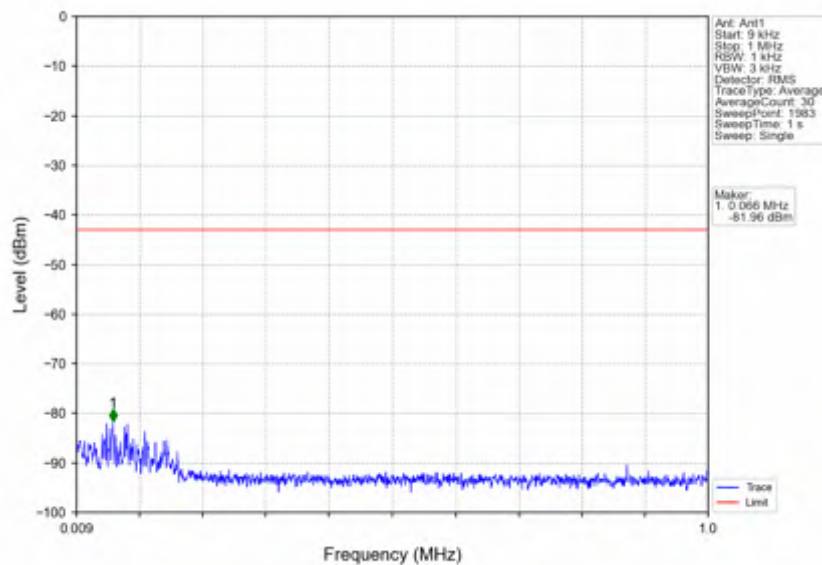
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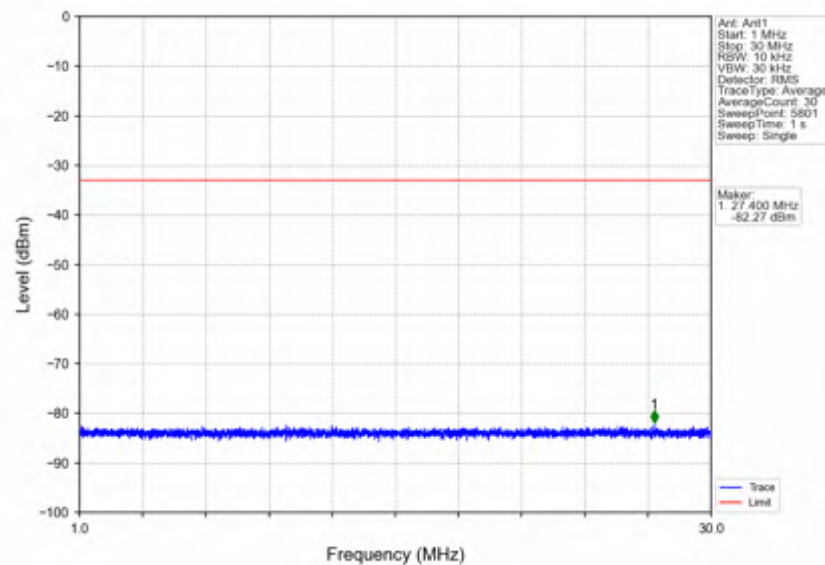
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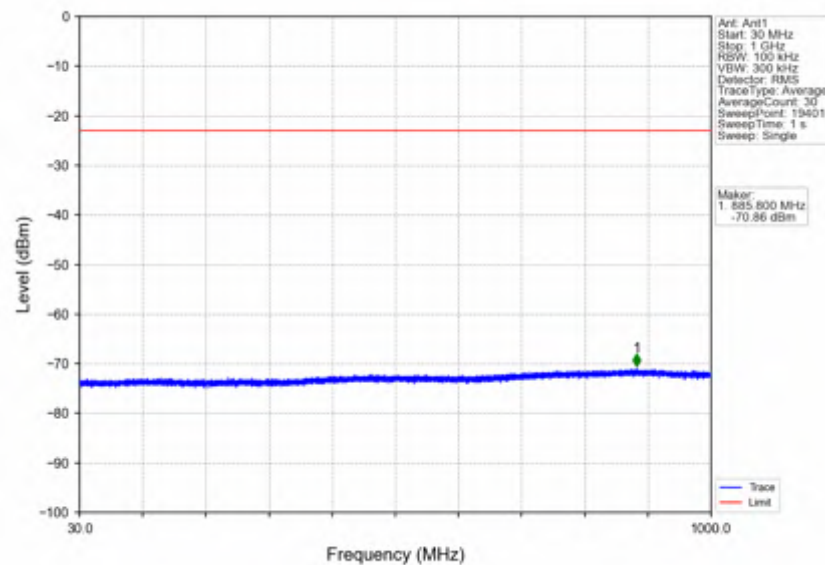
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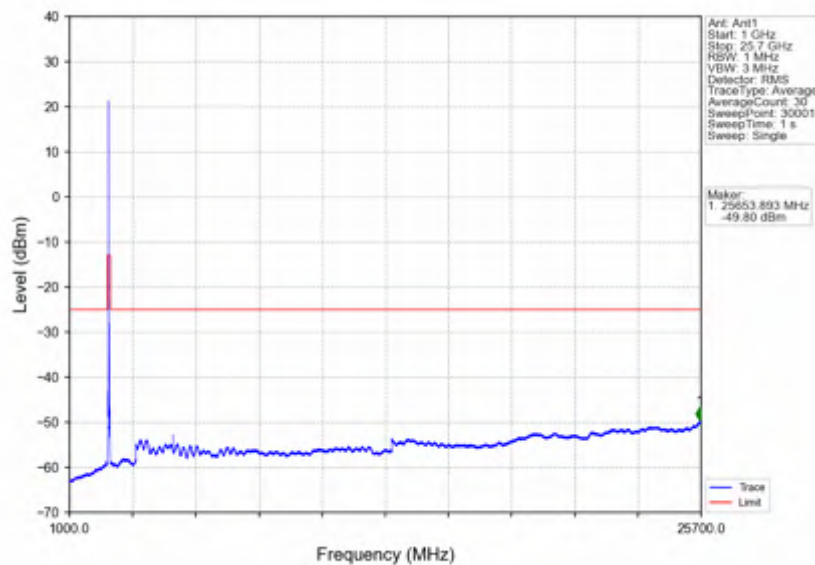
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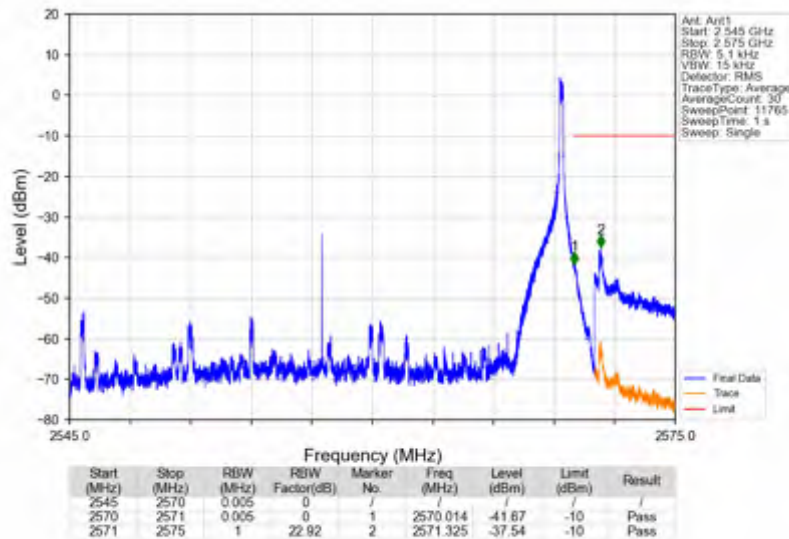
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2557.5MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2545	2570	0.005	0	1	2570.014	-41.67	-10	Pass
2570	2571	0.005	0	2	2571.325	-37.54	-10	Pass



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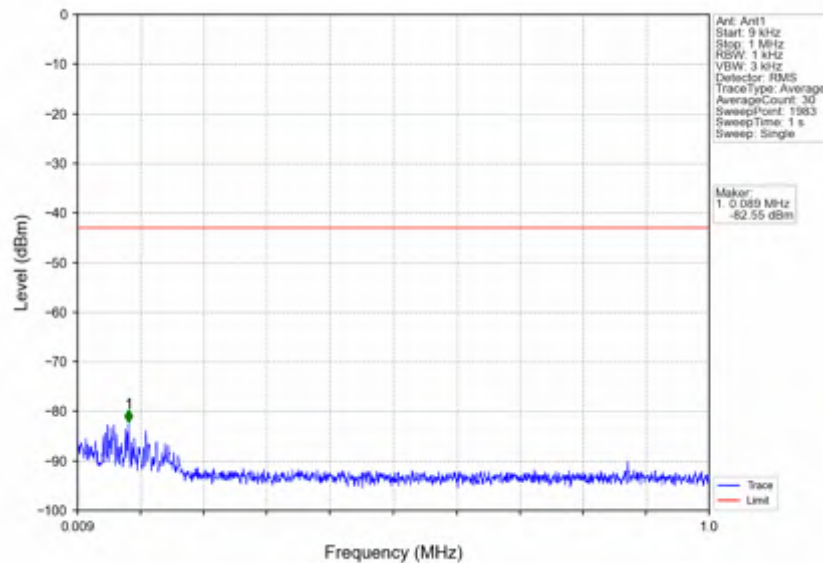
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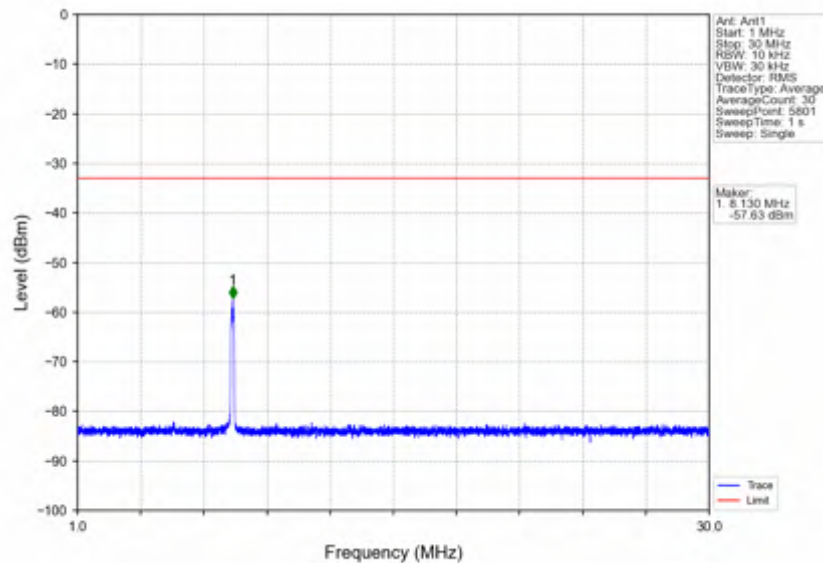
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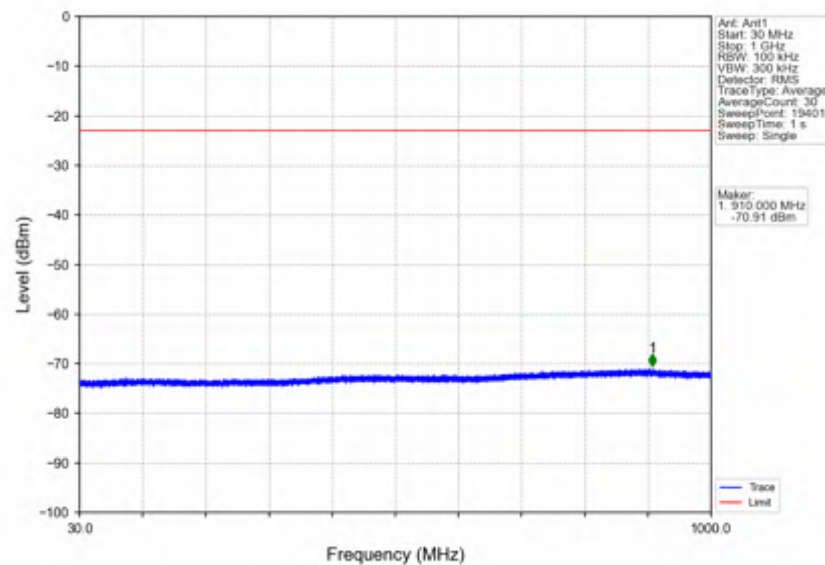
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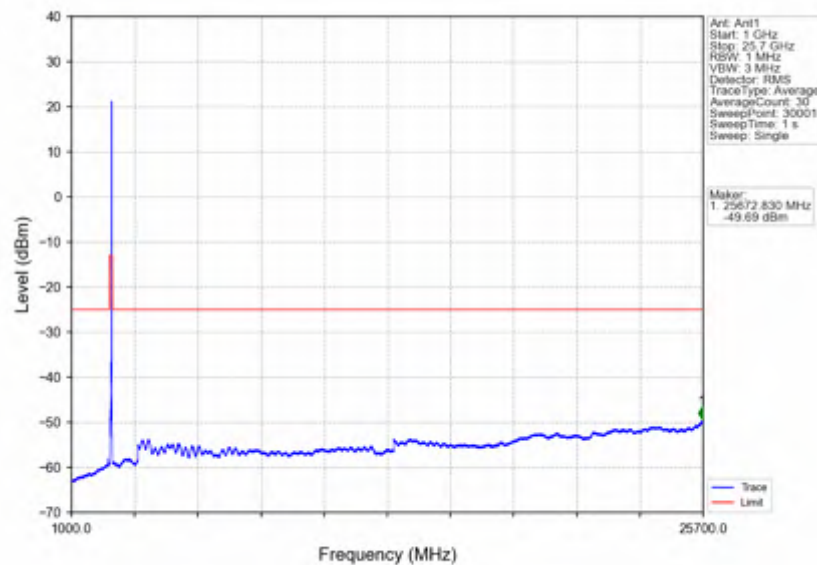
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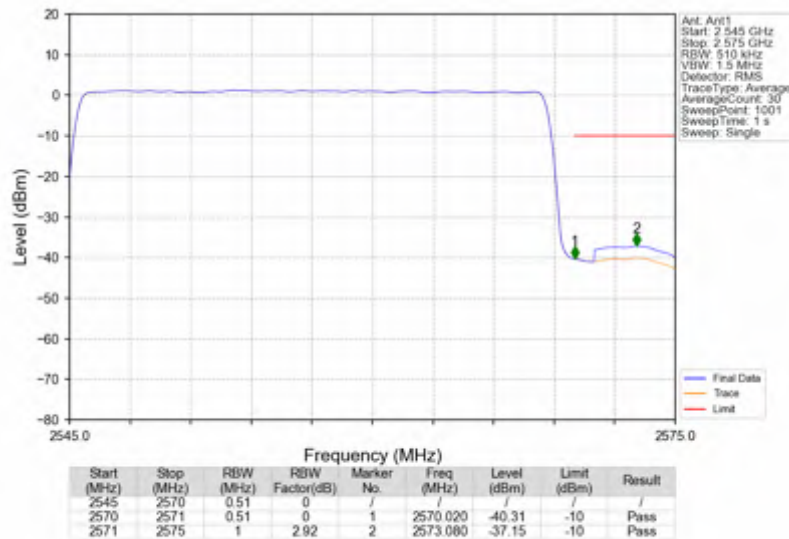
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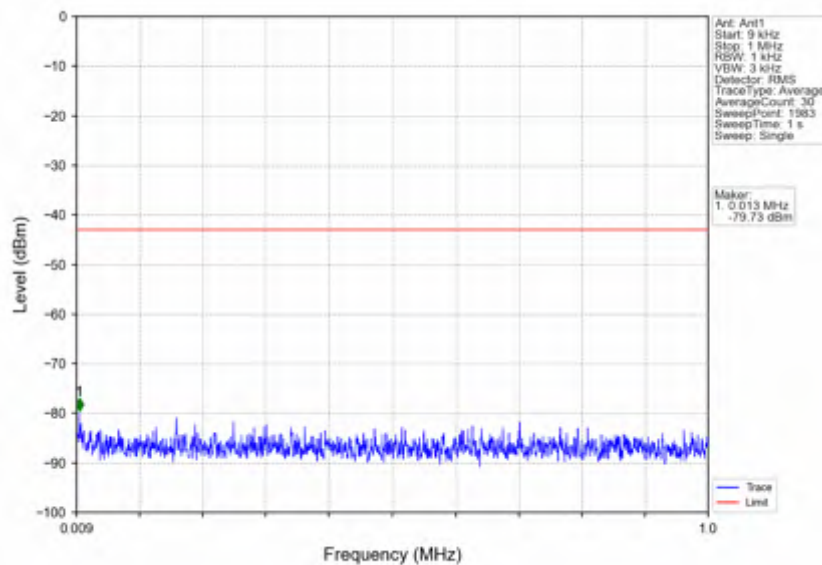
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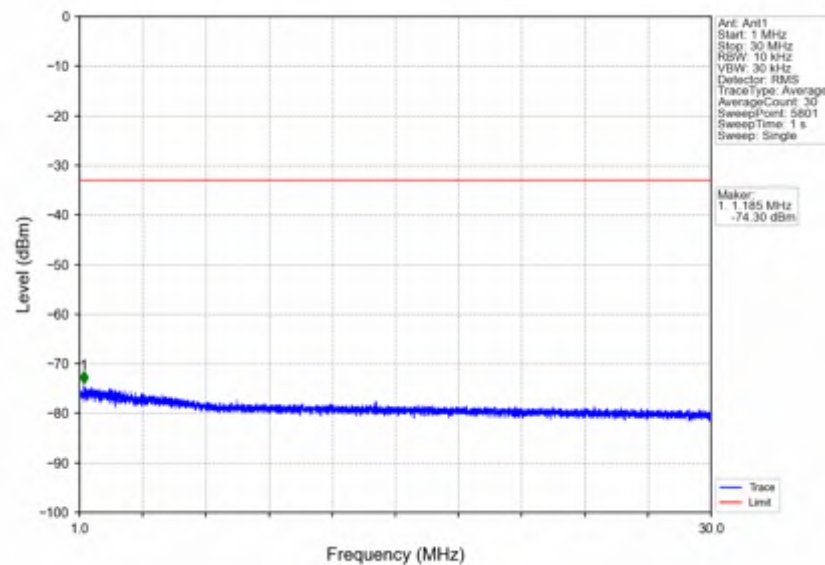
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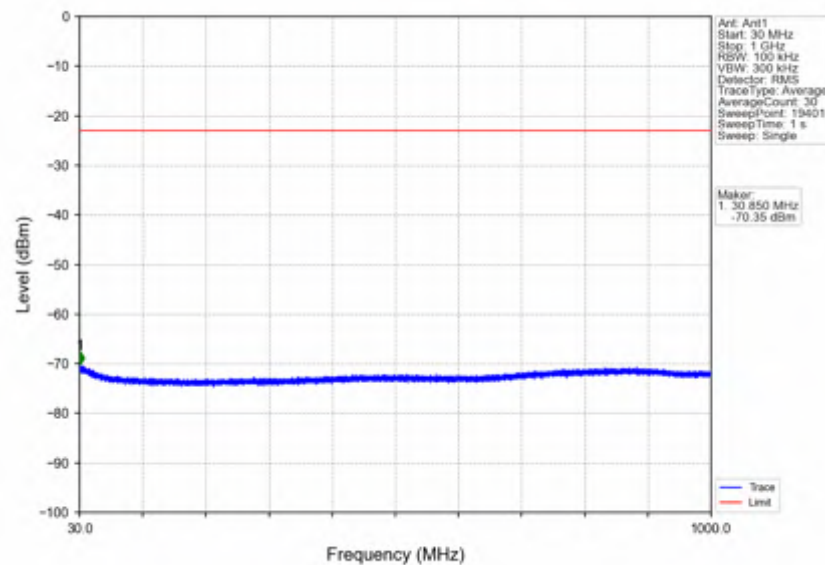
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2557.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2557.5MHz_Outer_Full



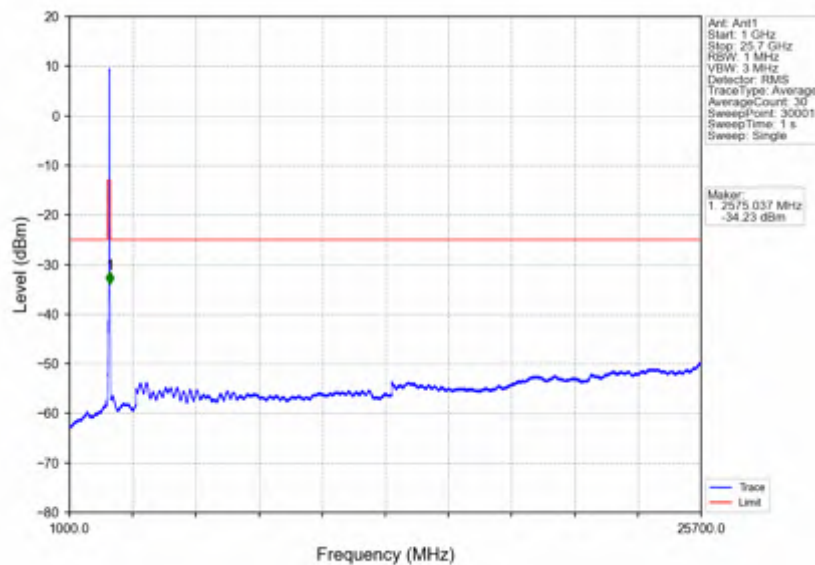
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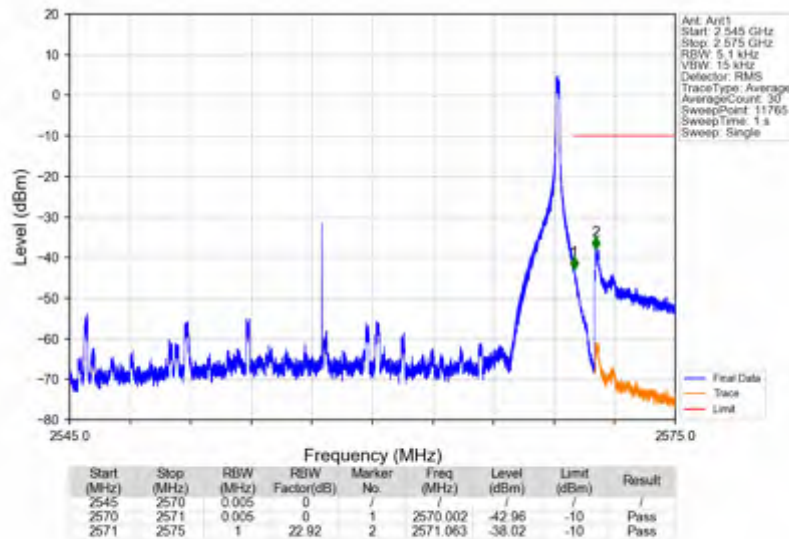
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2557.5MHz_Outer_Full



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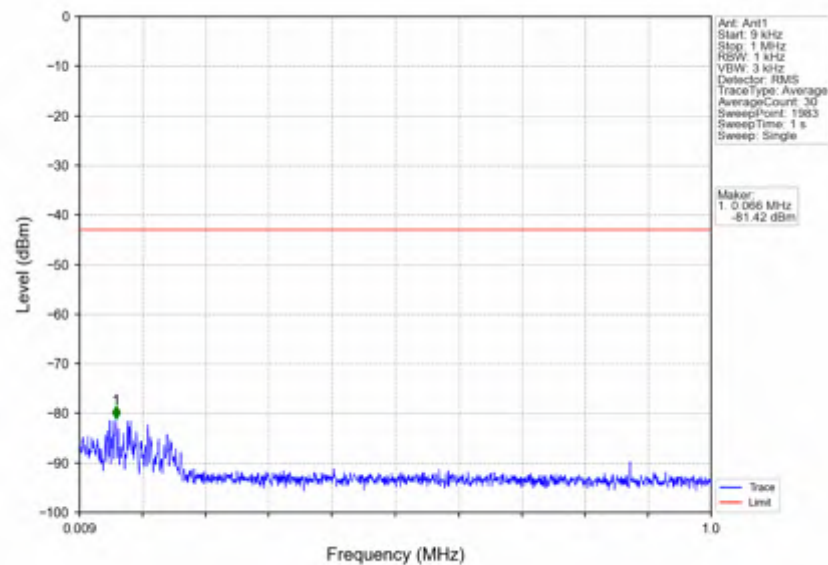
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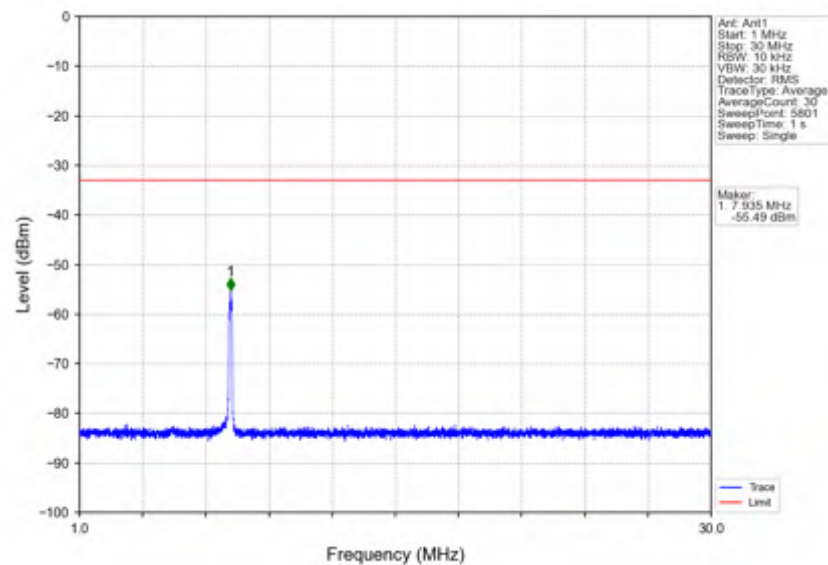
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2557.5MHz_Inner_1RB_Right



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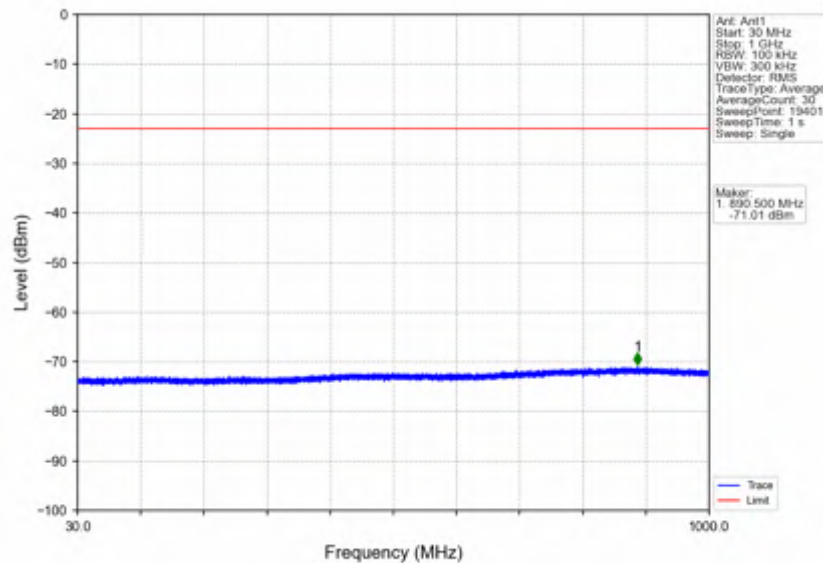
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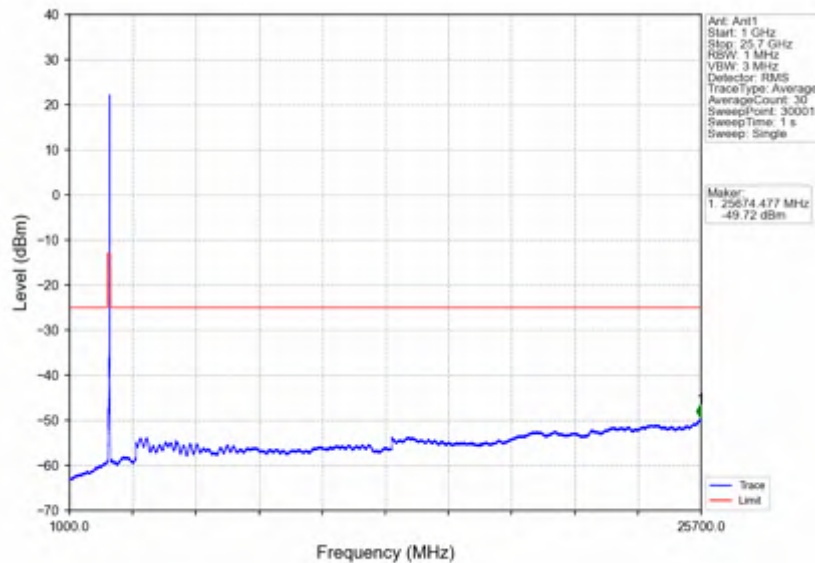
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n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2557.5MHz_Inner_1RB_Right



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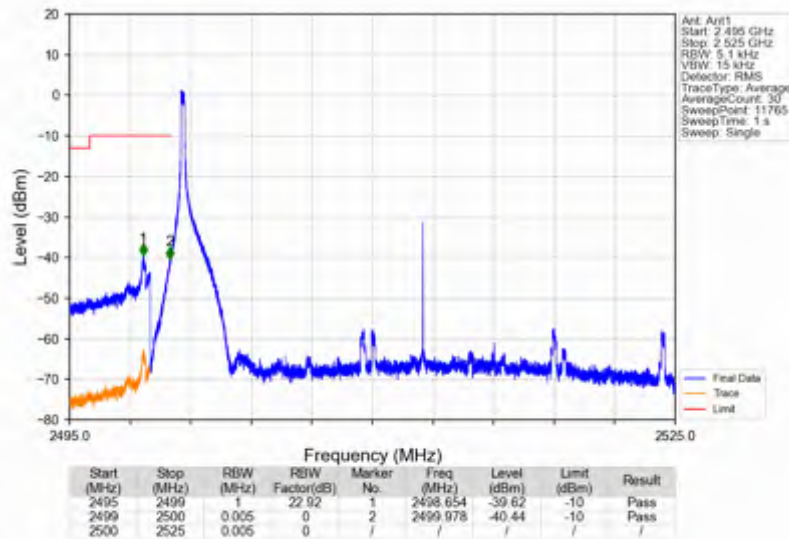
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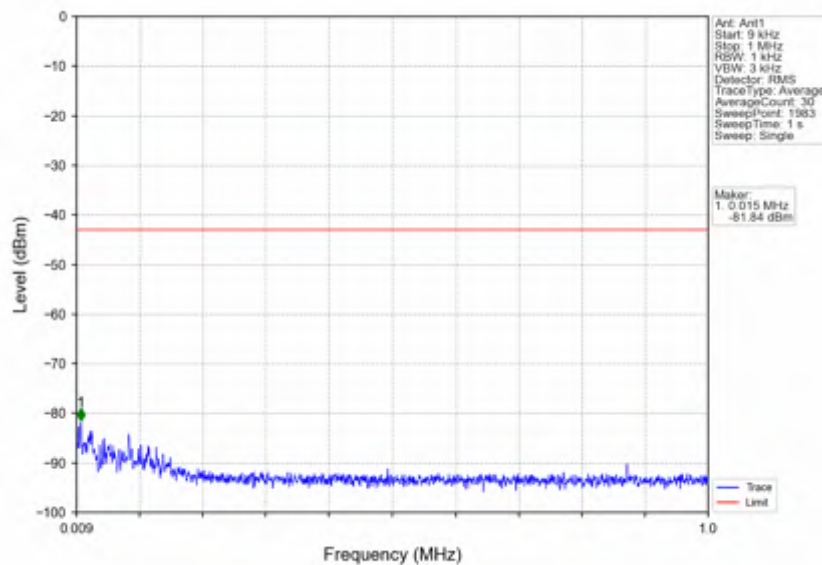
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n7 15kHz SISO NTNv 25MHz CP-OFDM QPSK 2512.5MHz Edge 1RB Left



n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2512.5MHz_Edge_1RB_Left

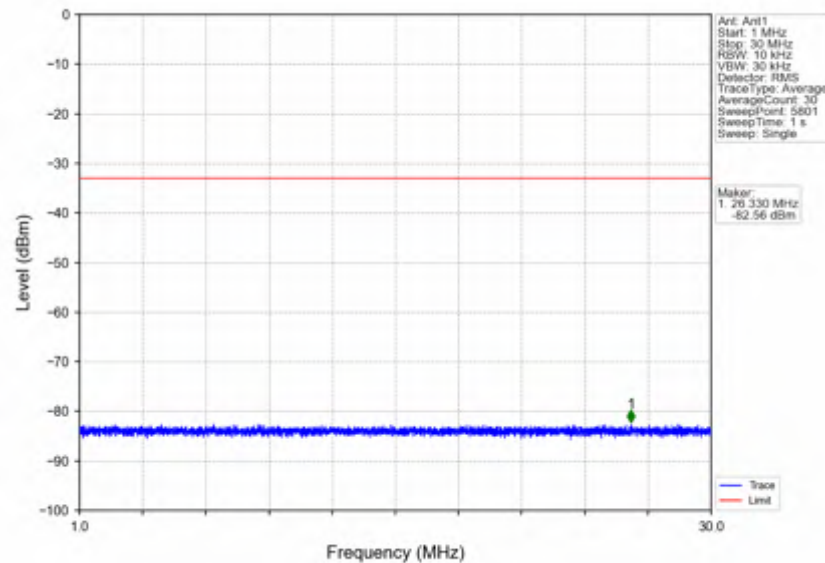


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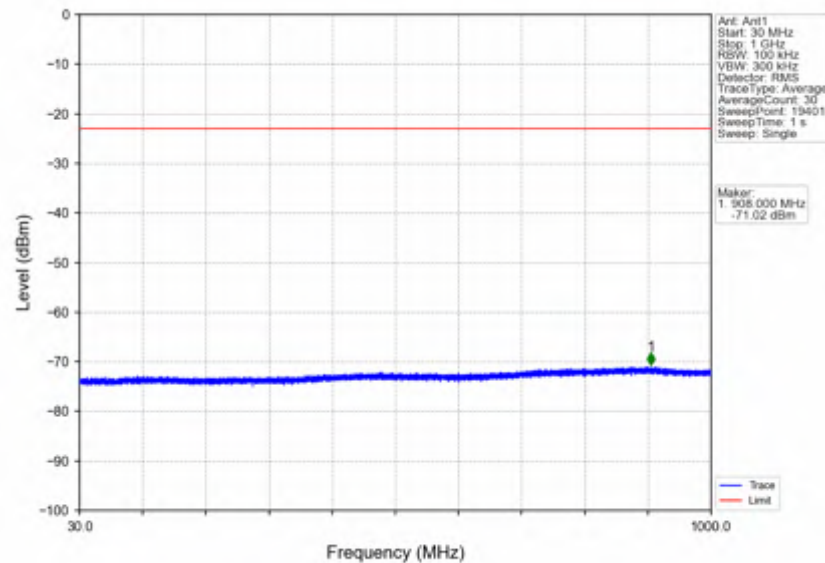
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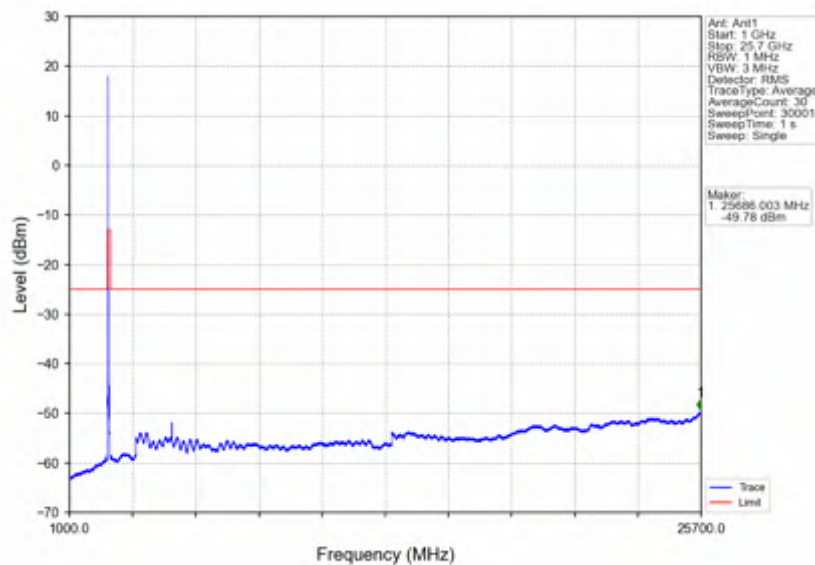
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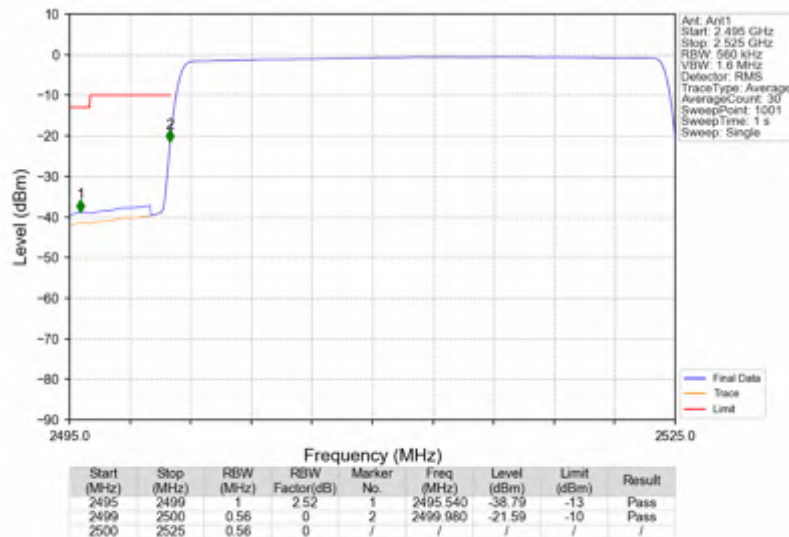
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n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2512.5MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2512.5MHz_Outer_Full



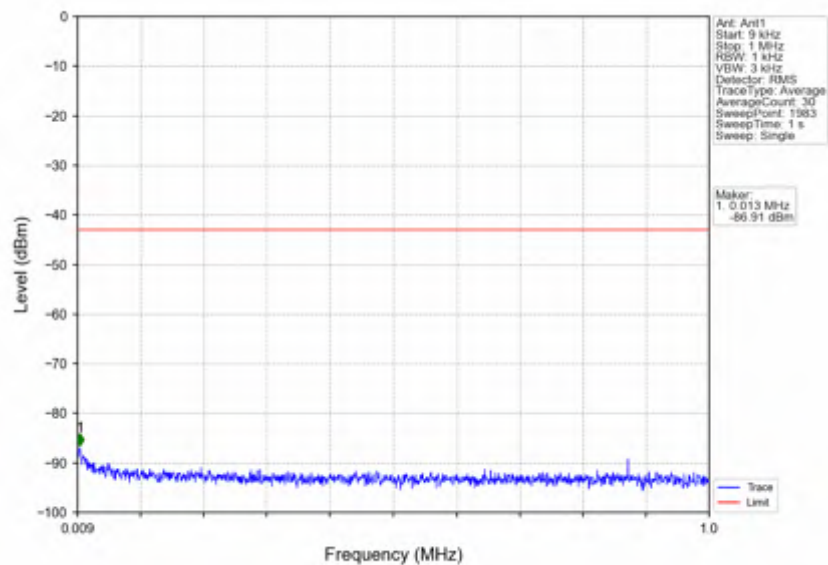
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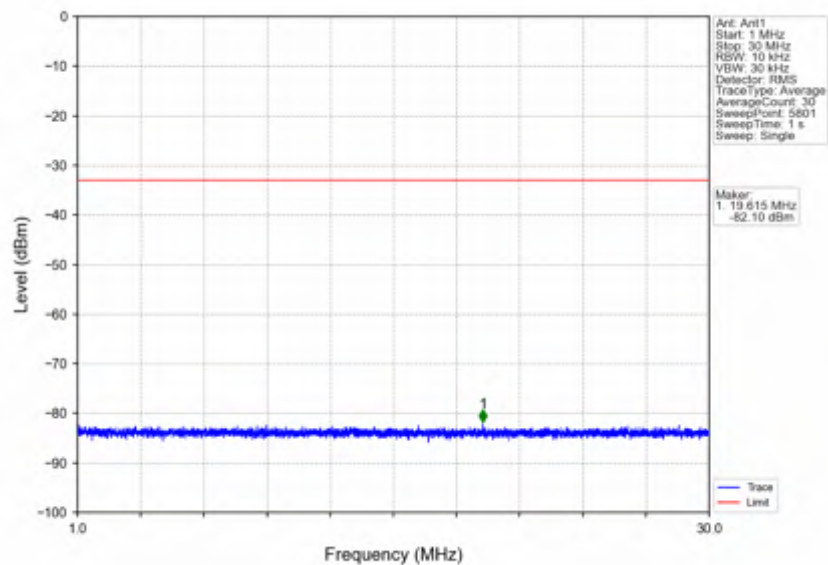
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n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2512.5MHz_Outer_Full



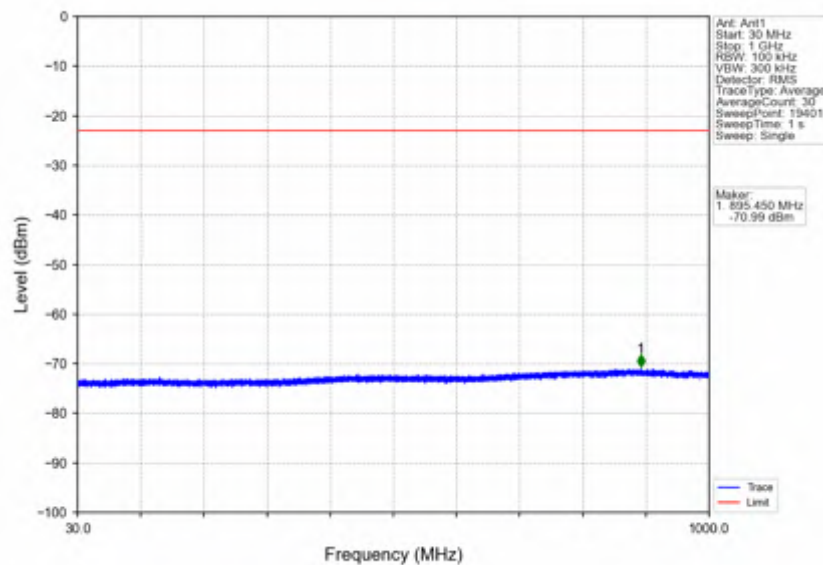
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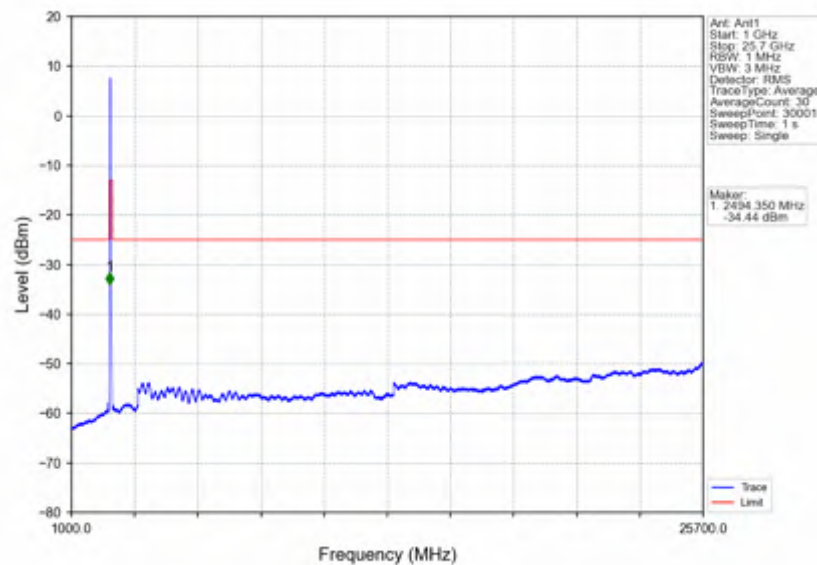
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n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2512.5MHz_Outer_Full



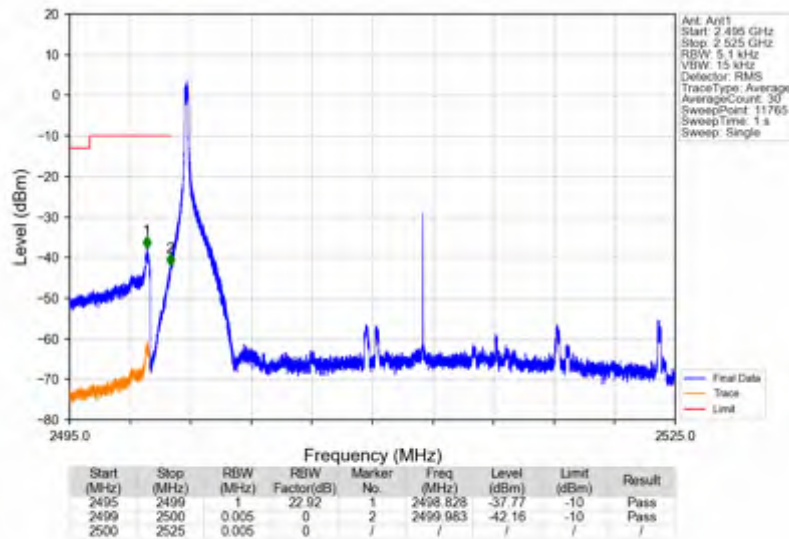
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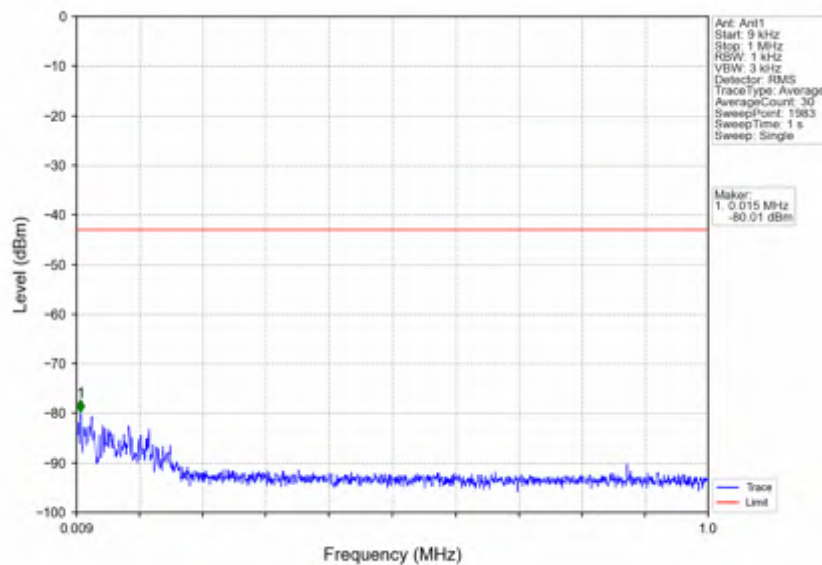
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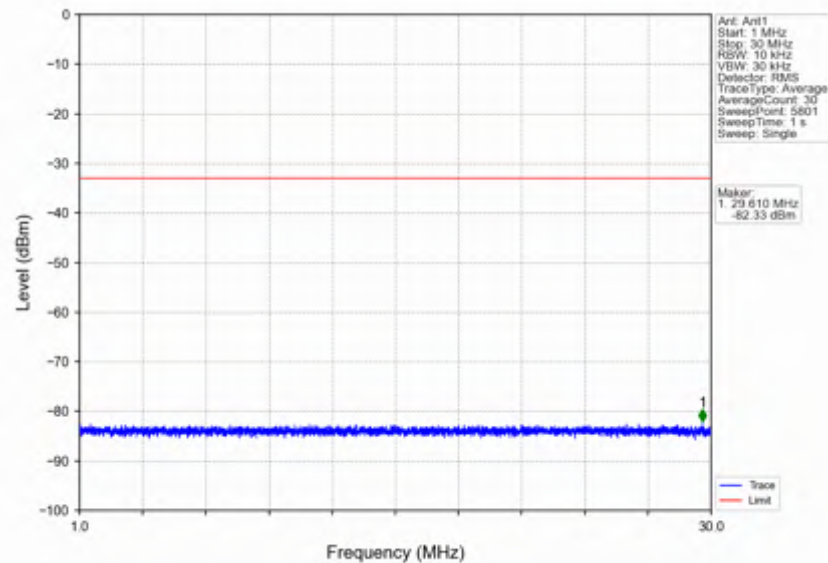


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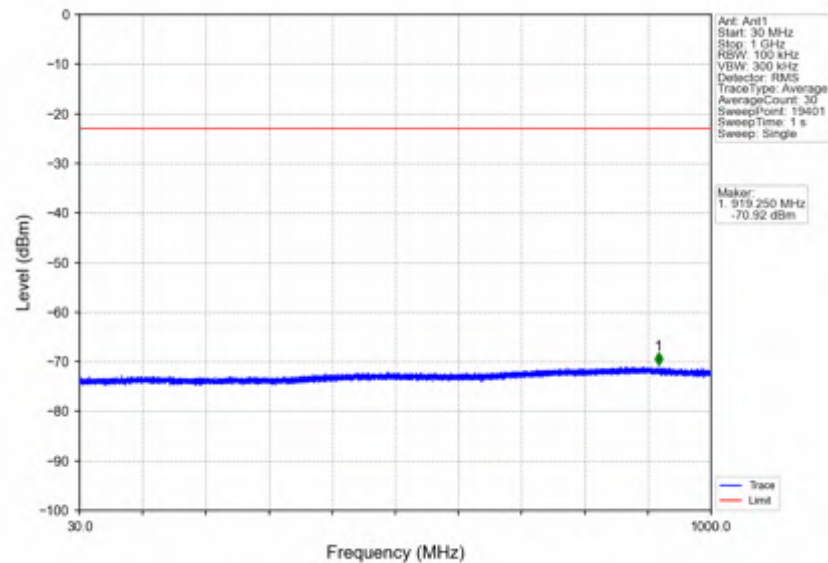
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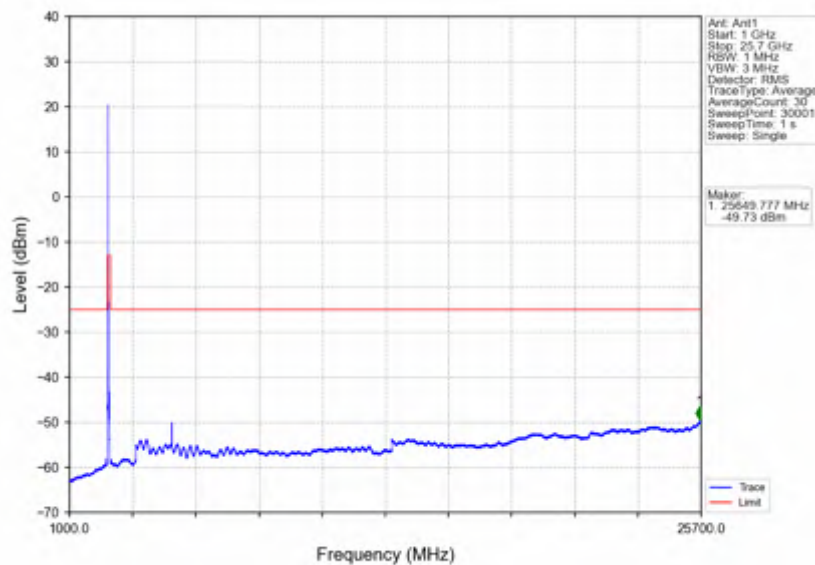
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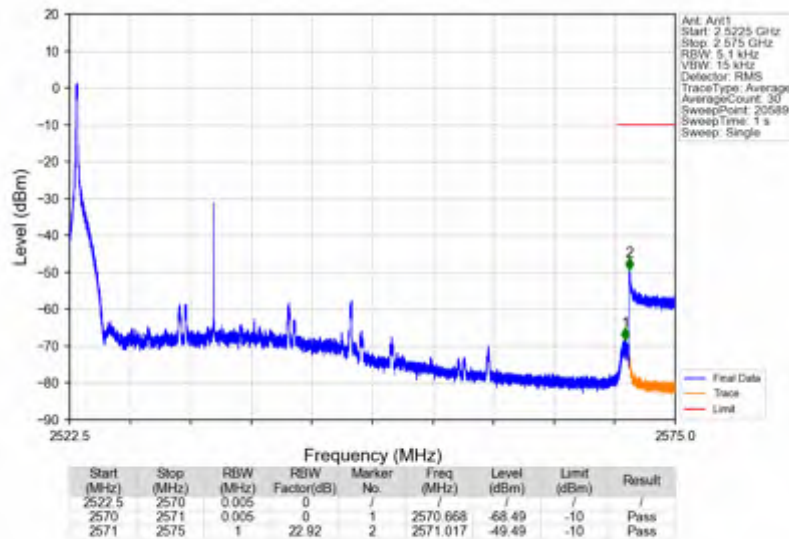
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n7 15kHz SISO NTV 25MHz CP-OFDM QPSK 2535MHz Edge 1RB Left

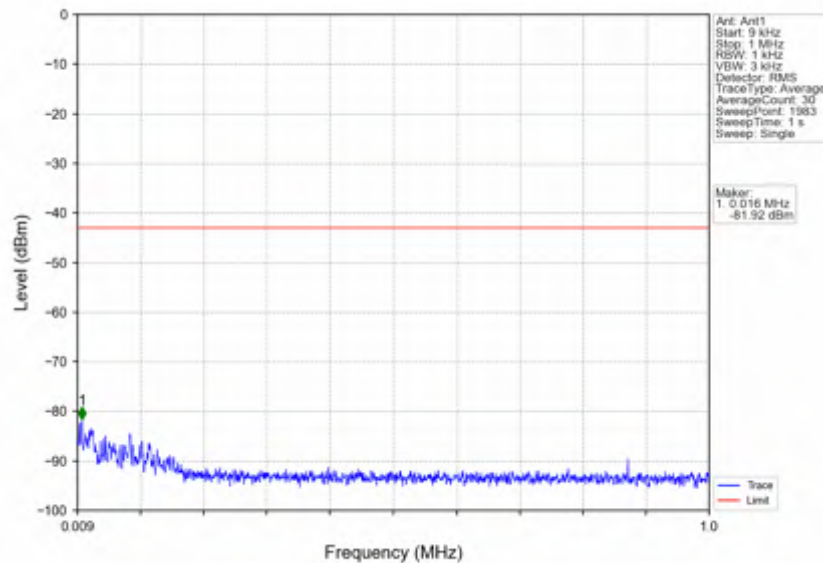


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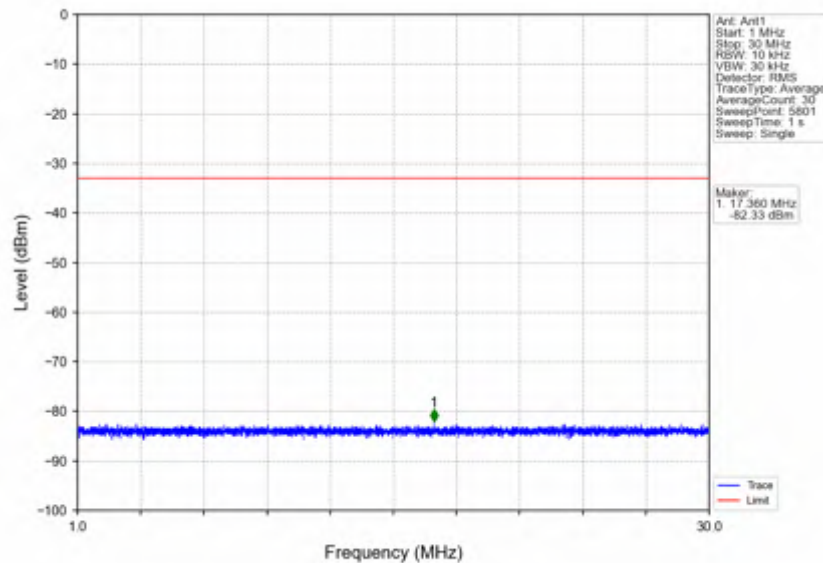
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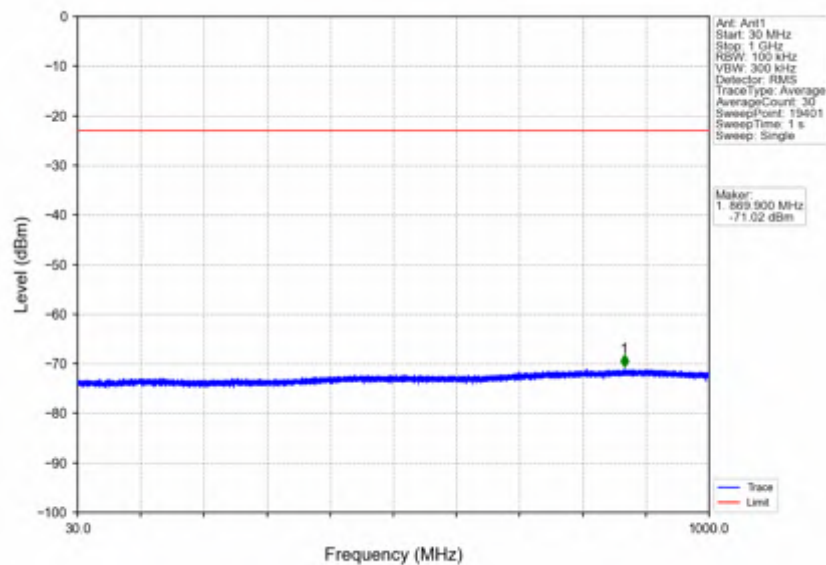
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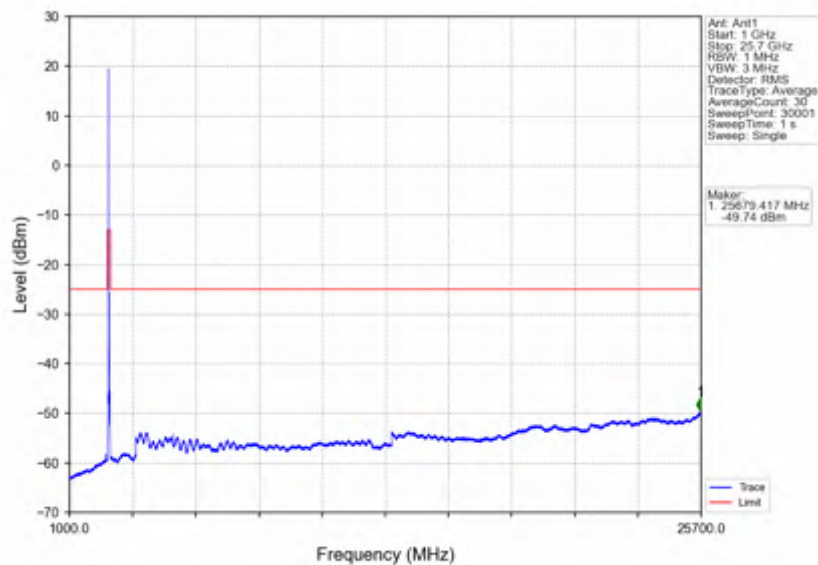
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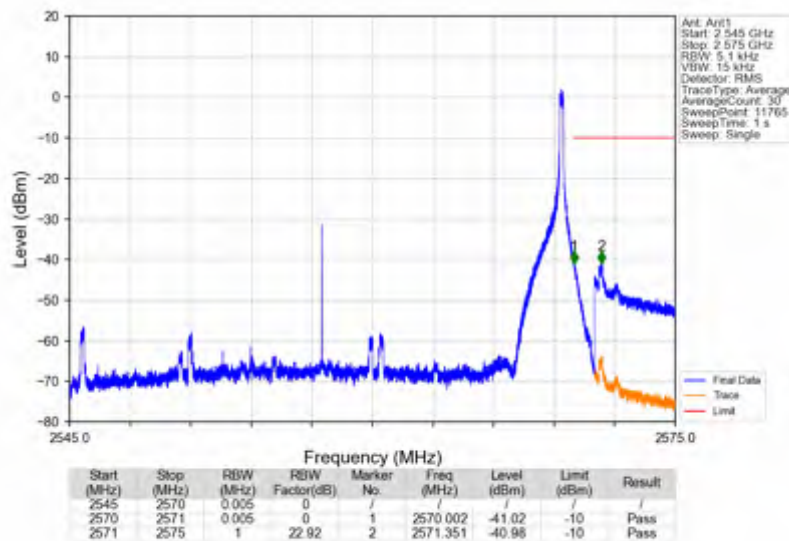
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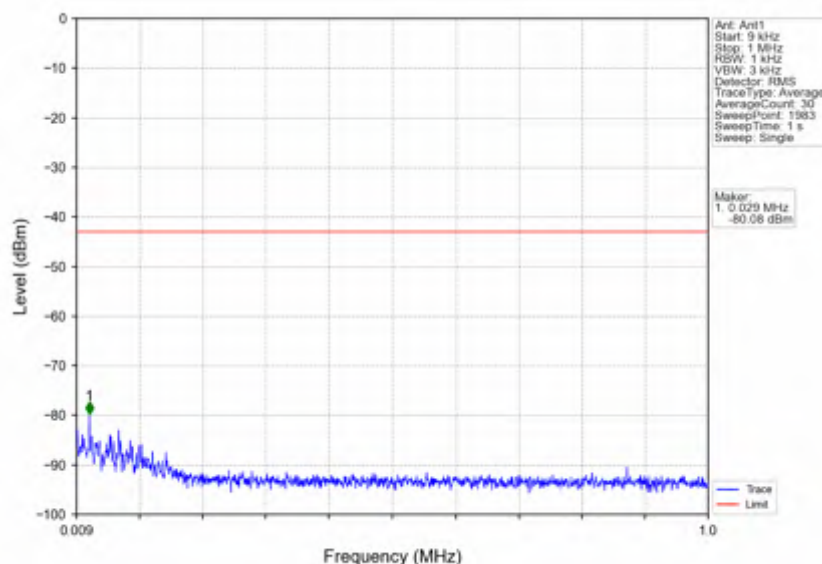
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n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2557.5MHz Edge 1RB Right



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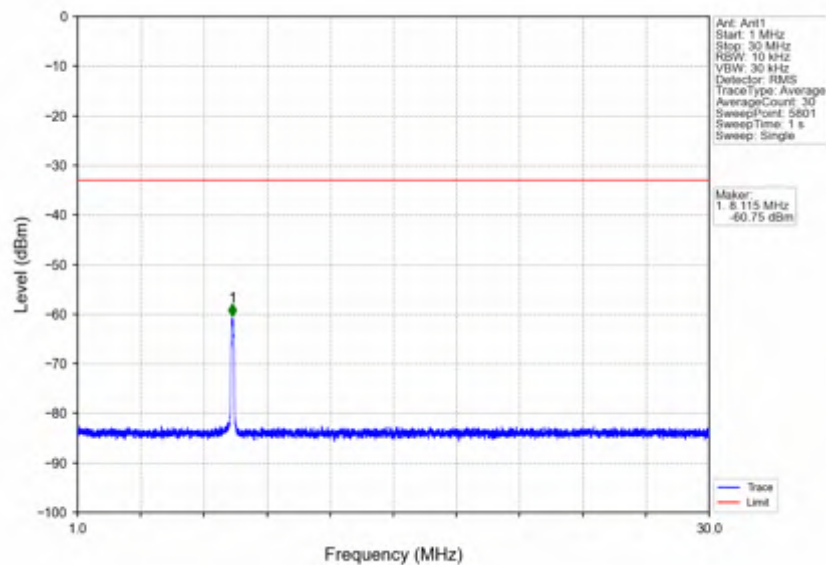


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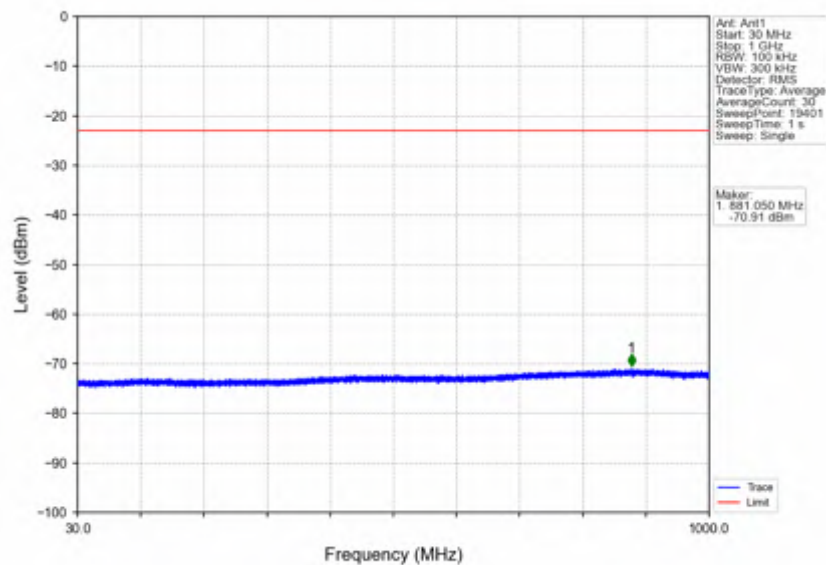
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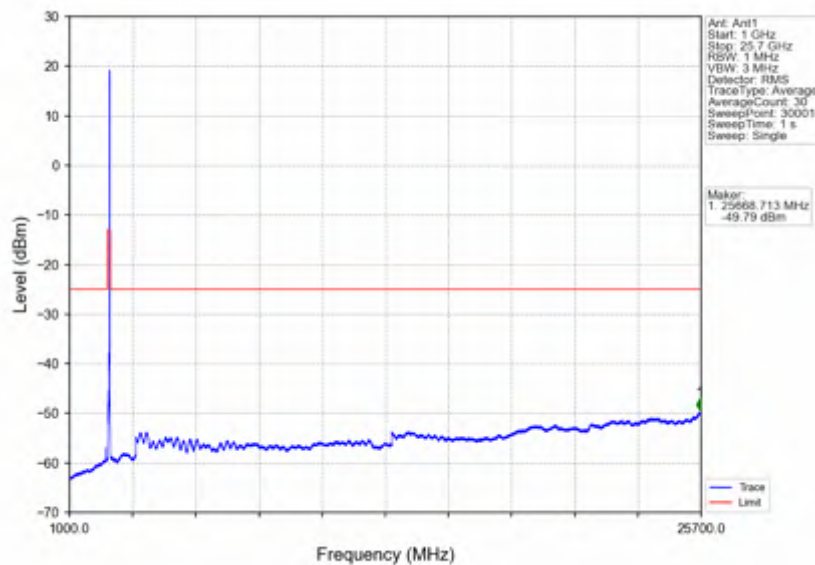
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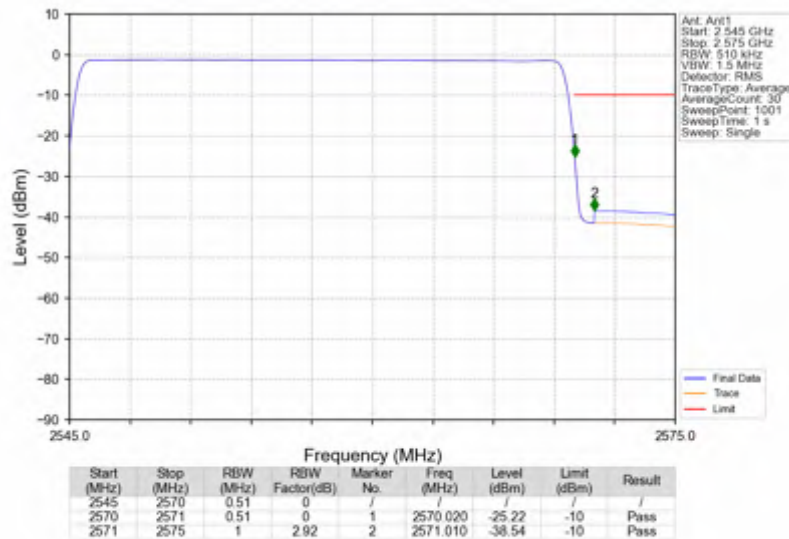
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n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2557.5MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2557.5MHz_Outer_Full

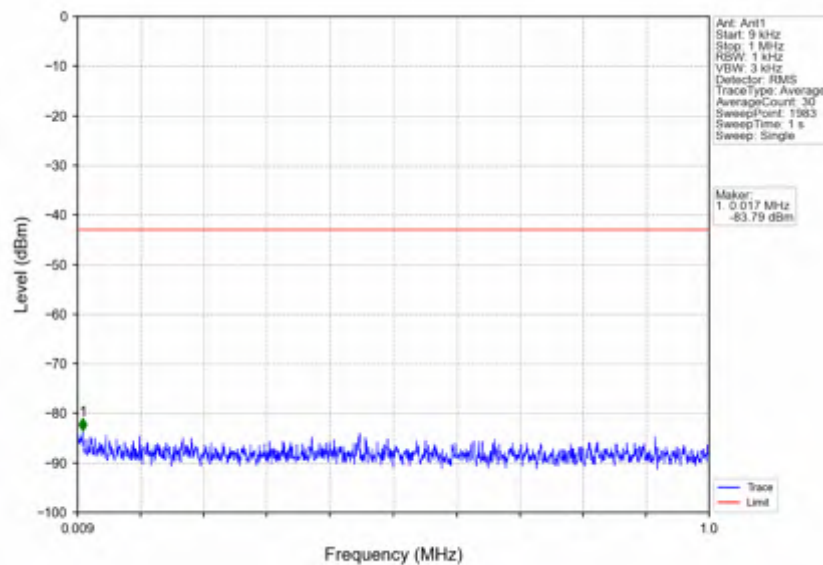


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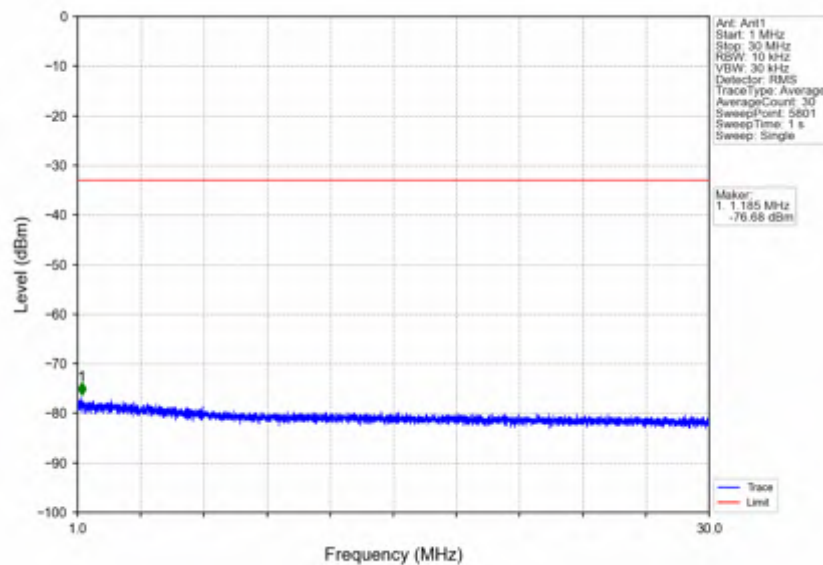
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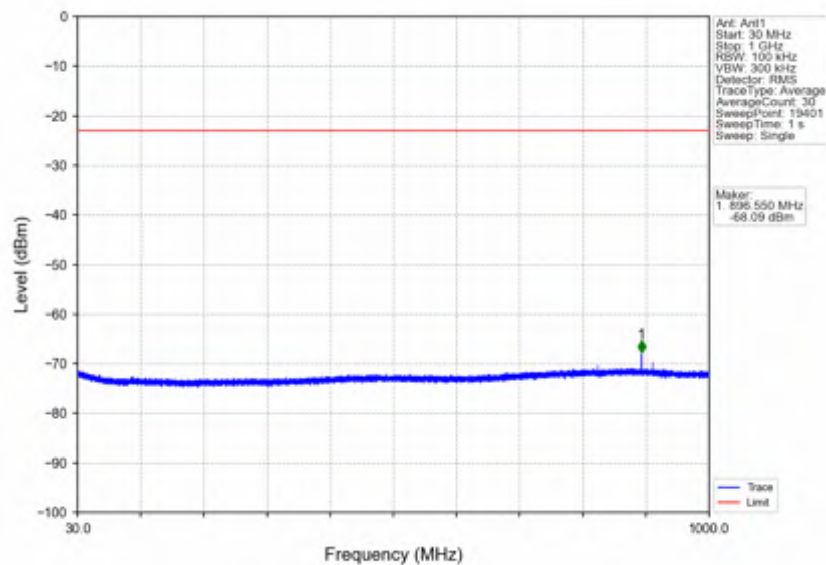
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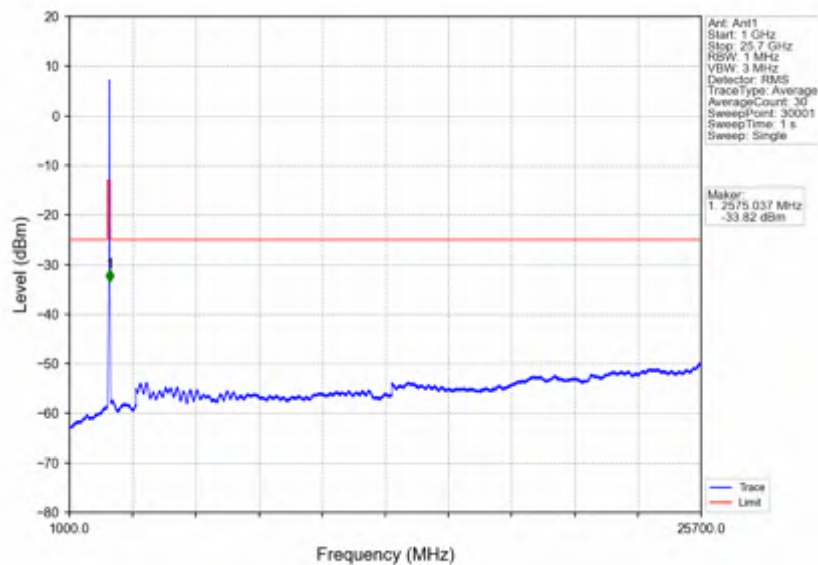
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n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2557.5MHz_Outer_Full



n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2557.5MHz_Outer_Full



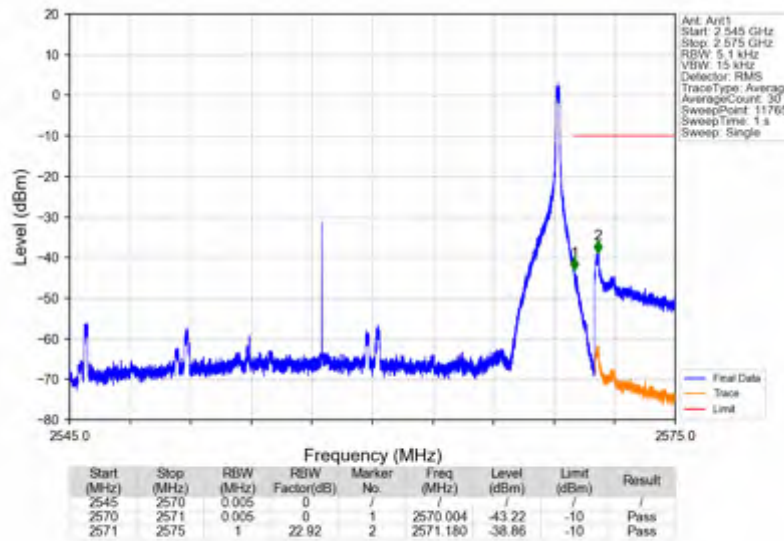
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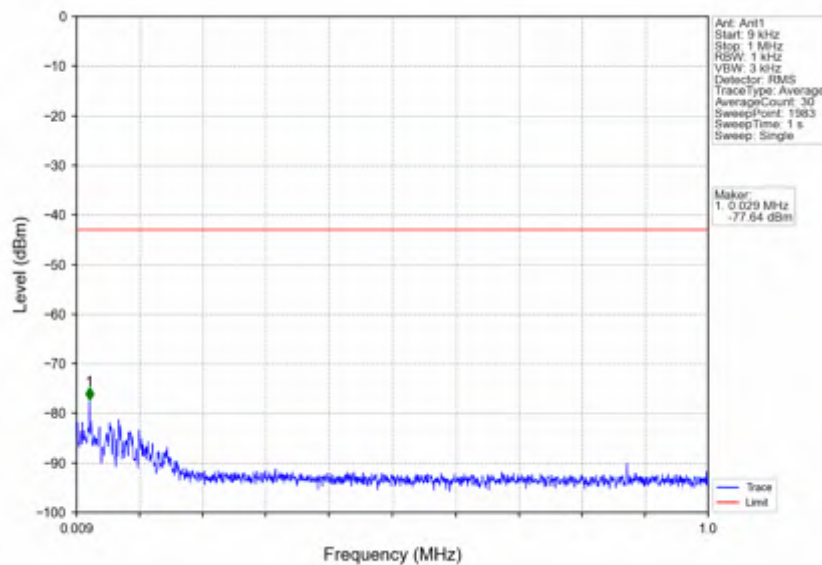
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n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2557.5MHz_Inner_1RB_Right

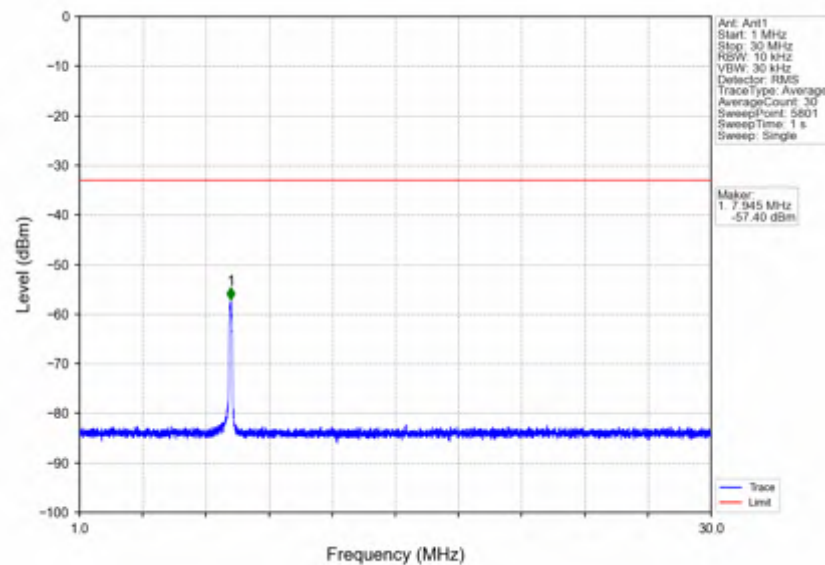


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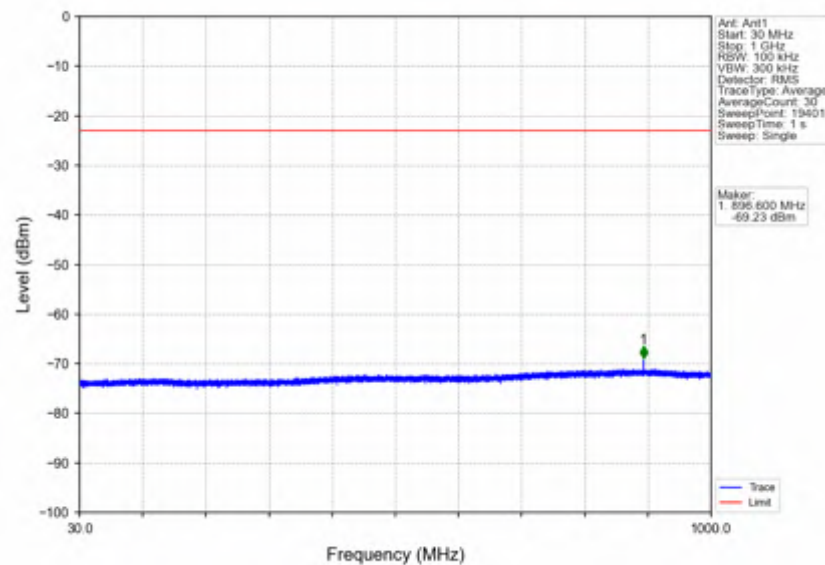
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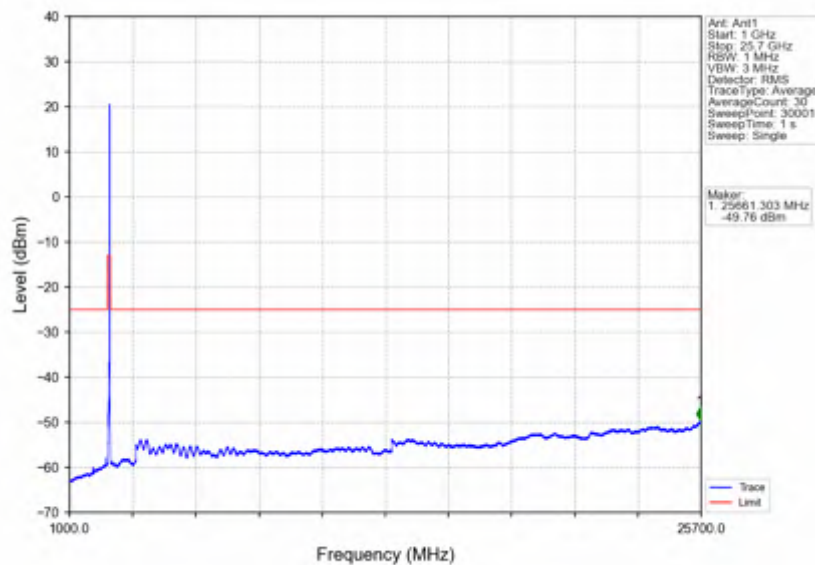
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n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2557.5MHz_Inner_1RB_Right



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3.6 15k_SISO_30MHz_NTNV

3.6.1 Test Result

5G NR n7 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2515	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	2515	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2535	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	2515	Edge 1RB Right	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	2555	Inner 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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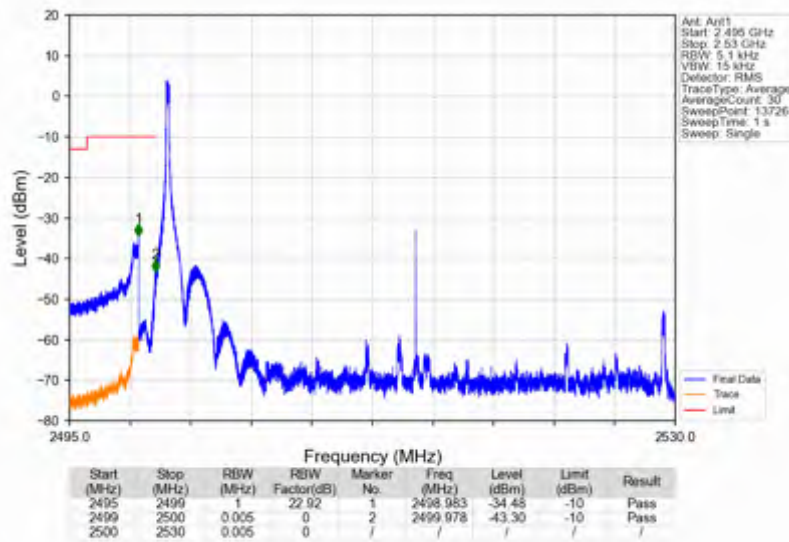
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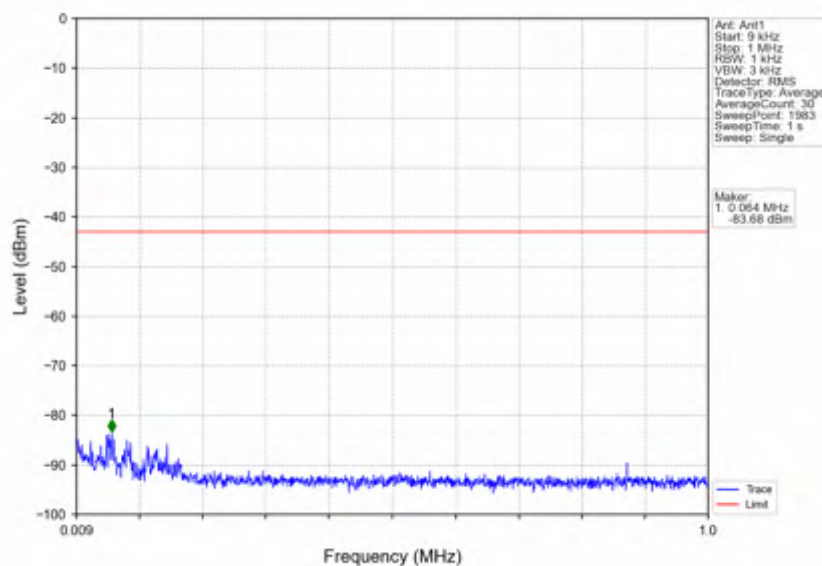
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3.6.2 Test Graph

n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2515MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2515MHz_Edge_1RB_Left



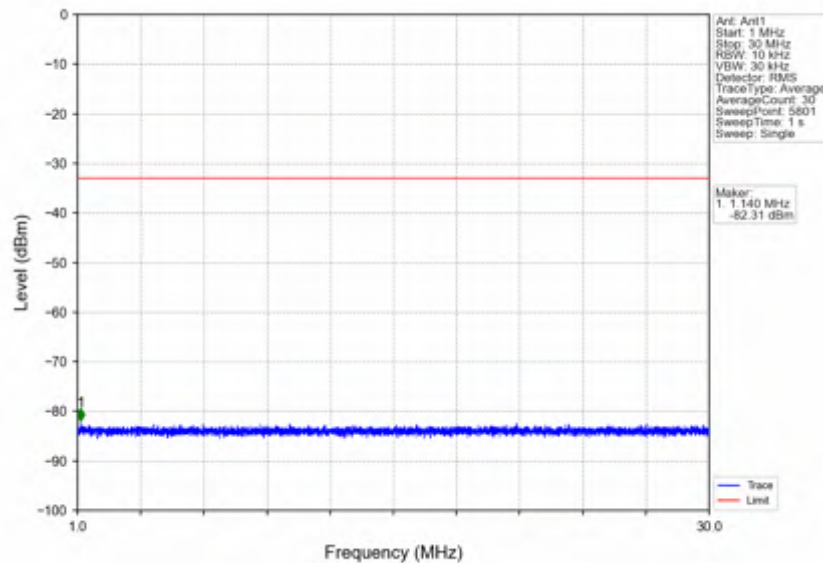
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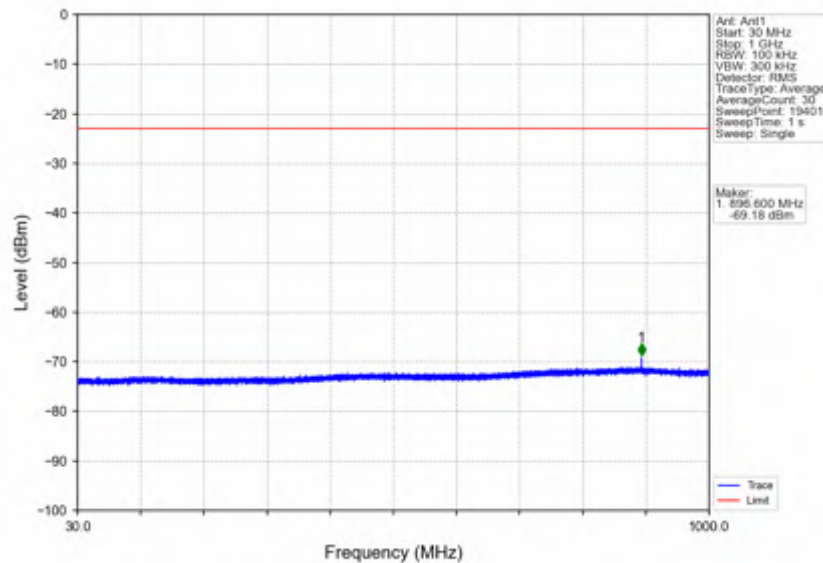
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2515MHz_Edge_1RB_Left



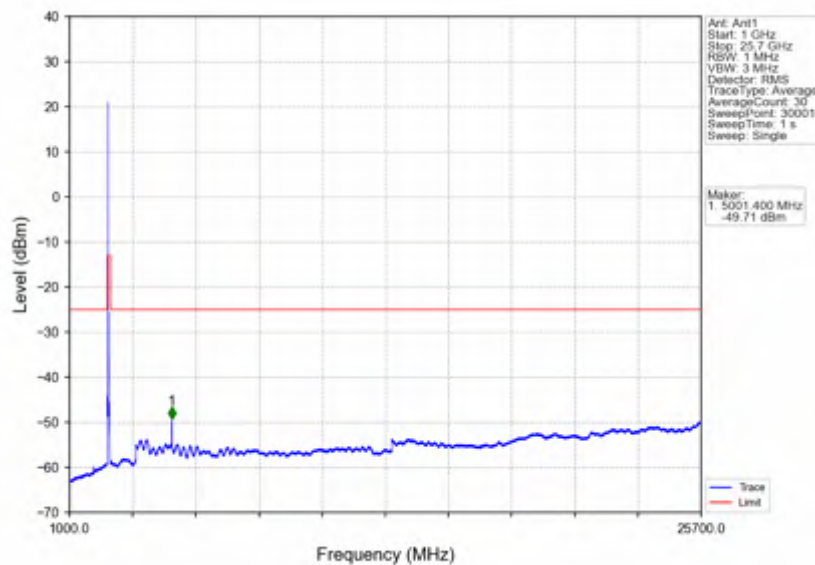
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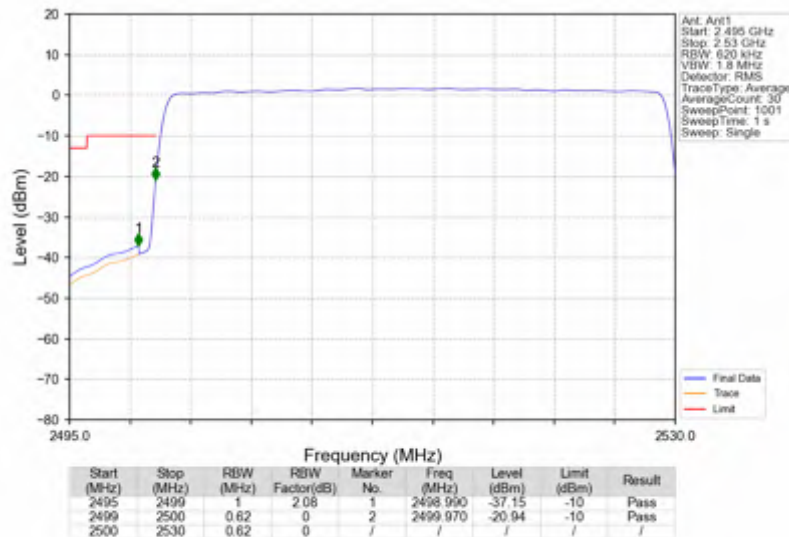
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2515MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2515MHz_Outer_Full



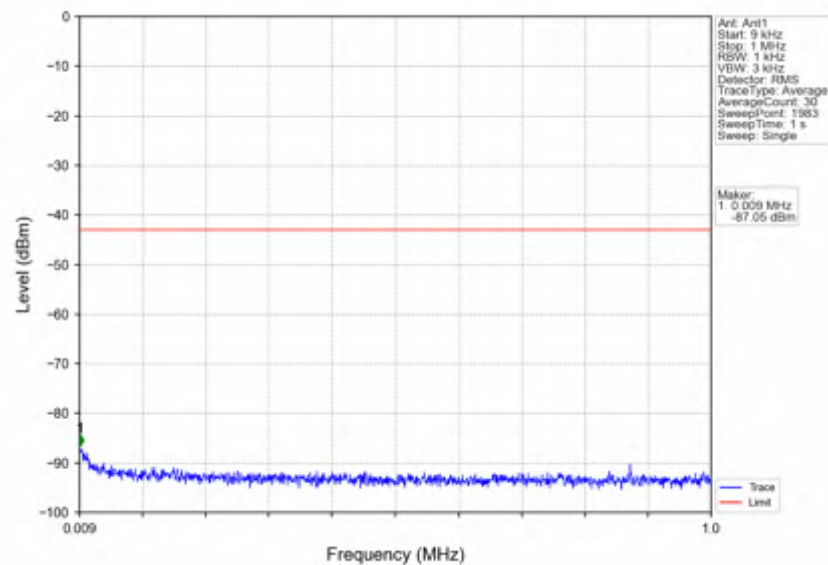
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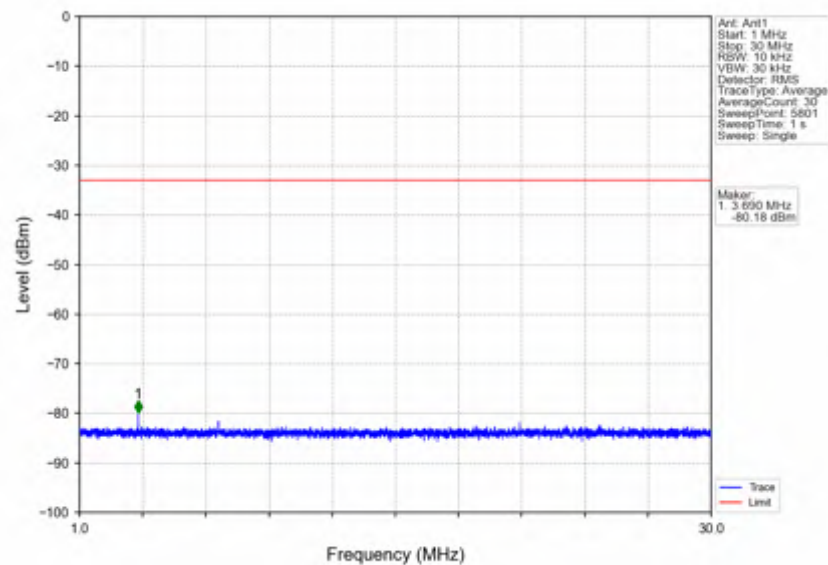
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2515MHz_Outer_Full



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2515MHz_Outer_Full

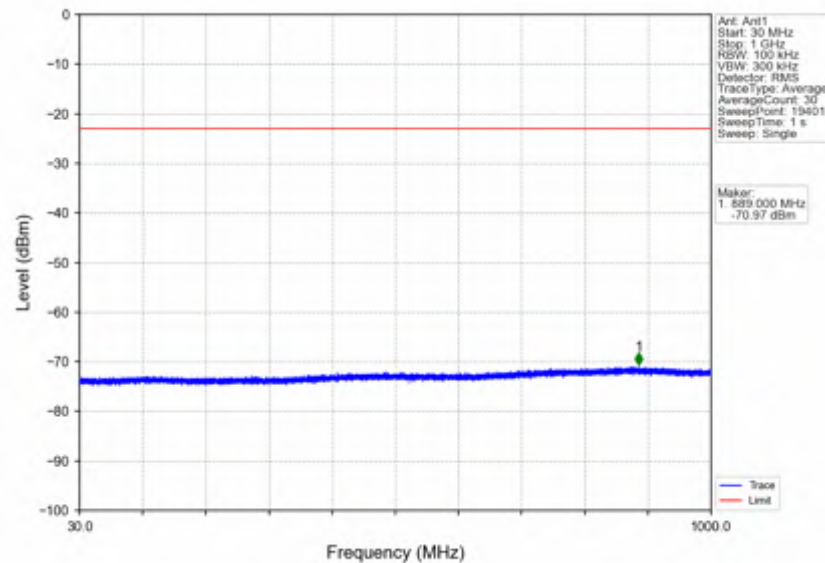


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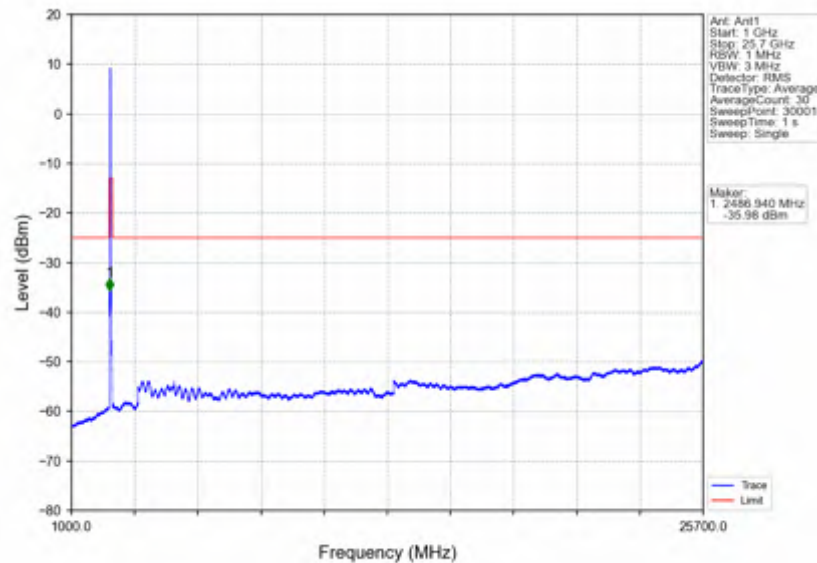
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2515MHz_Outer_Full



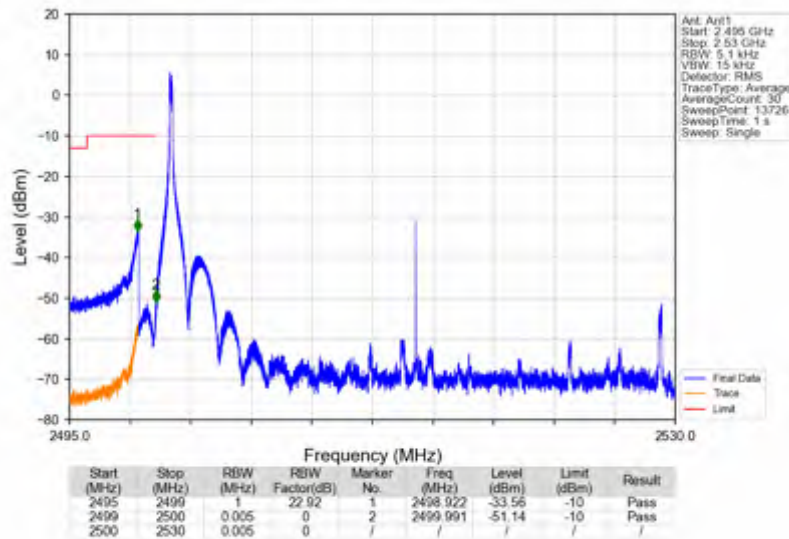
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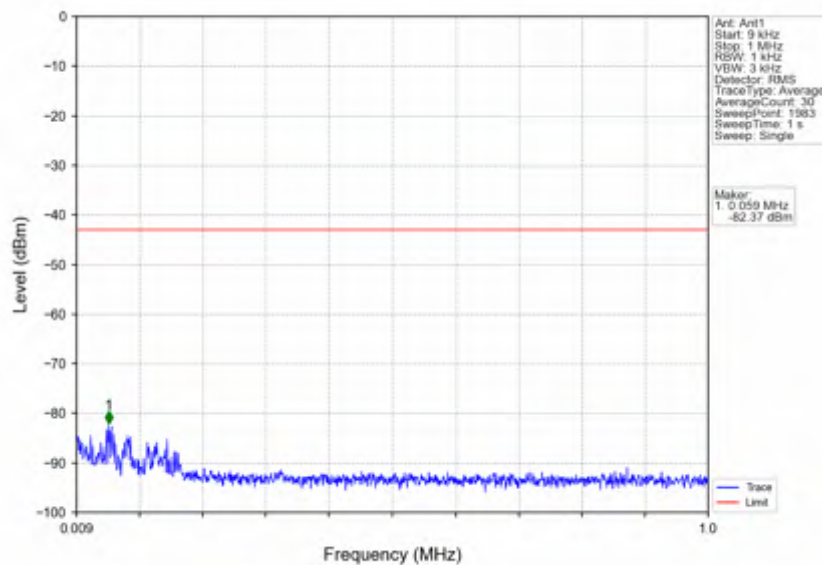
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2515MHz_Inner_1RB_Left

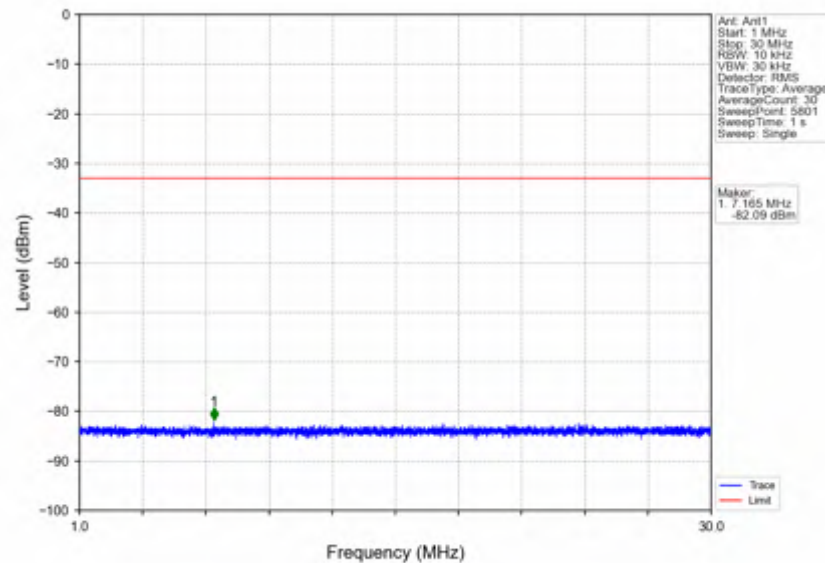


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 In case of a dispute, the competent court of law shall be the court of the place where the contract was concluded.
 In French:
 En cas de litige, le tribunal compétent sera celui du lieu de conclusion du contrat.
 In German:
 Im Streitfall ist das zuständige Gericht das Gericht am Ort der Vertragsschließung.
 In Italian:
 In caso di controversia, il giudice competente sarà quello del luogo di conclusione del contratto.
 In Spanish:
 En caso de litigio, el juez competente será el del lugar de celebración del contrato.
 In Dutch:
 In het geval van een geschil, de bevoegde rechter is de rechter van de plaats waar de overeenkomst is gesloten.
 In Portuguese:
 Em caso de litígio, o juiz competente será o do local de celebração do contrato.
 In Russian:
 В случае спора, подсудность определяется местом заключения договора.
 In Chinese:
 如有争议，管辖法院为合同签订地法院。
 In Japanese:
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 In Korean:
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 In Hindi:
 यह रिपोर्ट केवल नमूने पर आधारित है और नमूने को 30 दिनों के लिए रखा जाएगा।
 In Bengali:
 এই প্রতিবেদনটি কেবল নমুনা(s) পরীক্ষার উপর নির্ভর করে এবং নমুনা(s) 30 দিনের জন্য সংরক্ষিত থাকবে।
 In Urdu:
 یہ رپورٹ صرف نمونے(s) پر مبنی ہے اور نمونے(s) 30 دنوں کے لیے برقرار رکھے جائیں گے۔
 In Arabic:
 هذا التقرير يشير فقط إلى النتائج التي تم التوصل إليها من اختبار العينة(ات) المختبرة(ات) وتحتفظ العينة(ات) لمدة 30 يومًا فقط.
 In Persian:
 این گزارش تنها به نتایج حاصل از آزمون نمونه(ها) اشاره دارد و نمونه(ها) برای مدت 30 روز نگهداری می‌شود.
 In Vietnamese:
 Báo cáo này chỉ dựa trên kết quả kiểm tra mẫu(các mẫu) và mẫu(các mẫu) được giữ lại trong 30 ngày.
 In Thai:
 รายงานนี้แสดงเฉพาะผลการทดสอบตัวอย่าง(ตัวอย่าง) และตัวอย่าง(ตัวอย่าง) จะถูกเก็บรักษาไว้เป็นเวลา 30 วันเท่านั้น.
 In Telugu:
 ఈ రిపోర్ట్ మాత్రమే నమూనా(లు) పరీక్షించిన ఫలితాలపై ఆధారపడి ఉంది మరియు నమూనా(లు) 30 రోజుల పాటు మాత్రమే నిల్వ చేయబడతాయి.
 In Malayalam:
 ഈ റിപ്പോർട്ട് മാത്രമേ സാമ്പിൾ(സം) പരീക്ഷിച്ച ഫലത്തിന് അടിസ്ഥാനമുള്ളൂ. സാമ്പിൾ(സം) 30 ദിവസം മാത്രമേ സൂക്ഷിക്കുകയുള്ളൂ.
 In Kannada:
 ഈ റിപ്പോർട്ട് മാത്രമേ സാമ്പിൾ(സം) പരീക്ഷിച്ച ഫലത്തിന് അടിസ്ഥാനമുള്ളൂ. സാമ്പിൾ(സം) 30 ദിവസം മാത്രമേ സൂക്ഷിക്കുകയുള്ളൂ.
 In Malay:
 Laporan ini hanya menunjukkan hasil ujian sampel(s) sahaja. Sampel(s) akan disimpan selama 30 hari sahaja.
 In Sinhala:
 මෙම වාර්තාව පමණක් සාම්පල(ය) පරීක්ෂණ ප්‍රතිඵලයන් මත පදනම් වී ඇත. සාම්පල(ය) 30 දිනක් පමණක් සුරැකිව ඇත.
 In Tamil:
 ഈ அறிக்கை மட்டும் சாம்பிள்(கள்) சோதனை முடிவுகளை மட்டும் அடிப்படையாகக் கொண்டது. சாம்பிள்(கள்) 30 நாட்கள் மட்டும் பாதுகாக்கப்படும்.
 In Gujarati:
 આ રિપોર્ટ માત્ર નમૂના(ઓ)ના પરીક્ષણના પરિણામો પર આધારિત છે. નમૂના(ઓ) 30 દિવસો માટે જ સંરક્ષિત રહેશે.
 In Marathi:
 हा अहवाल केवळ नमूने(सं) परीक्षित फलाने आधारित आहे. नमूने(सं) 30 दिवस केवळ सांठविले जातील.
 In Nepali:
 यो प्रतिवेदन नमूना(हरू)को परीक्षणको परिणाममा आधारित छ। नमूना(हरू) 30 दिनको लागि मात्र सुरक्षित राखिनेछ।
 In Punjabi:
 ਇਹ ਰਿਪੋਰਟ ਸਿਰਫ ਨਮੂਨੇ(ਸ) ਦੇ ਪਰੀਖਣ ਦੇ ਨਤੀਜਿਆਂ 'ਤੇ ਆਧਾਰਿਤ ਹੈ। ਨਮੂਨੇ(ਸ) 30 ਦਿਨਾਂ ਲਈ ਸੁਰੱਖਿਅਤ ਰੱਖੇ ਜਾਣਗੇ।
 In Assamese:
 এই প্ৰতিবেদন কেৱল নমুনা(স)ৰ পৰীক্ষাৰ ফলৰ ওপৰত আধাৰিত। নমুনা(স) 30 দিনৰ বাবেহে সংৰক্ষিত হ'ব।
 In Odia:
 ଏହି ରିପୋର୍ଟ କେବଳ ନମୁନା(ସ)ର ପରୀକ୍ଷା ଫଳାଫଳ ଉପରେ ଆଧାରିତ। ନମୁନା(ସ) 30 ଦିନ ପାଇଁ କେବଳ ସୁରକ୍ଷିତ ରହିବ।
 In Malayalam:
 ഈ റിപ്പോർട്ട് മാത്രമേ സാമ്പിൾ(സം) പരീക്ഷിച്ച ഫലത്തിന് അടിസ്ഥാനമുള്ളൂ. സാമ്പിൾ(സം) 30 ദിവസം മാത്രമേ സൂക്ഷിക്കുകയുള്ളൂ.
 In Kannada:
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 In Malay:
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 In Marathi:
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 In Nepali:
 यो प्रतिवेदन नमूना(हरू)को प

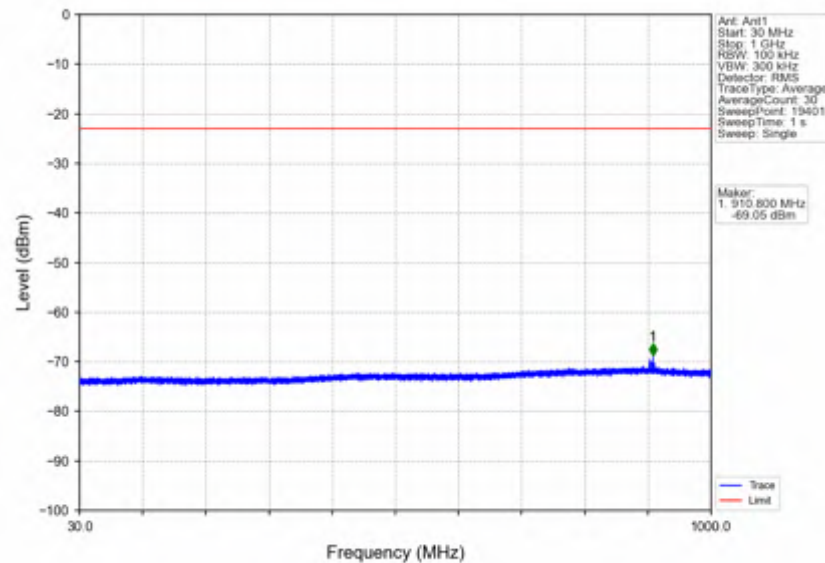
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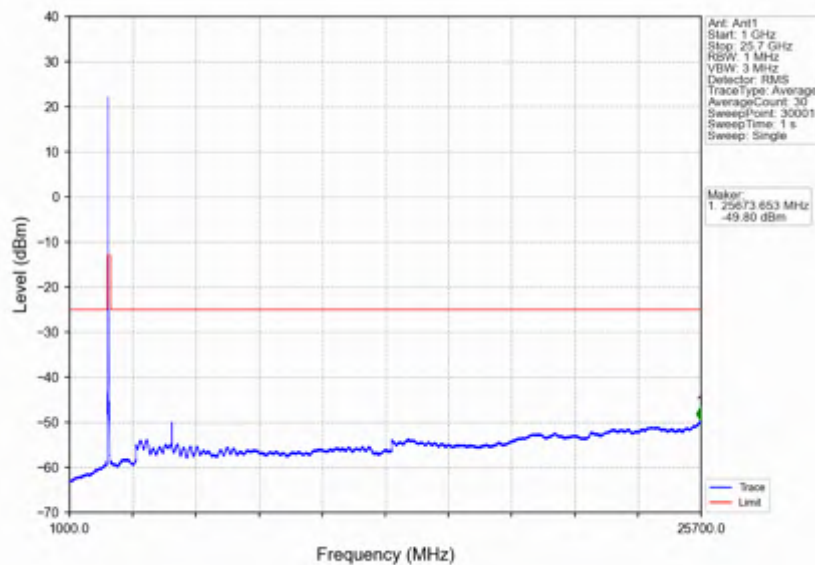
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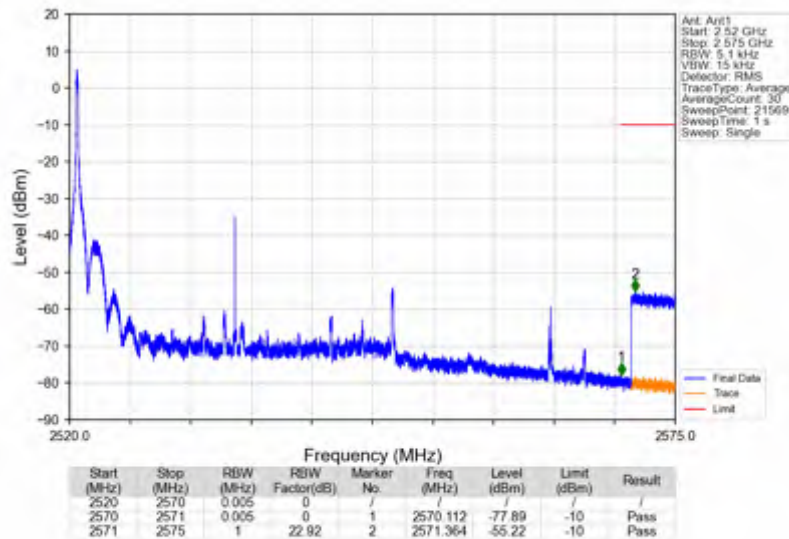
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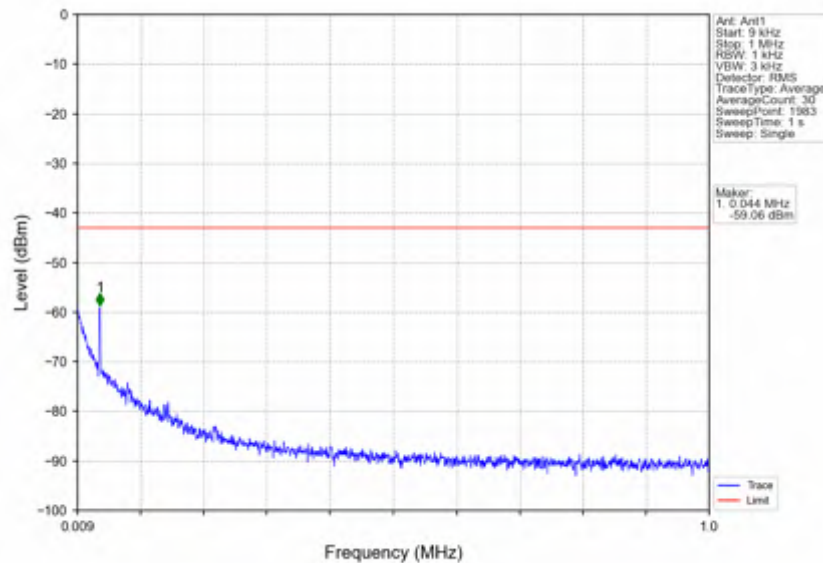
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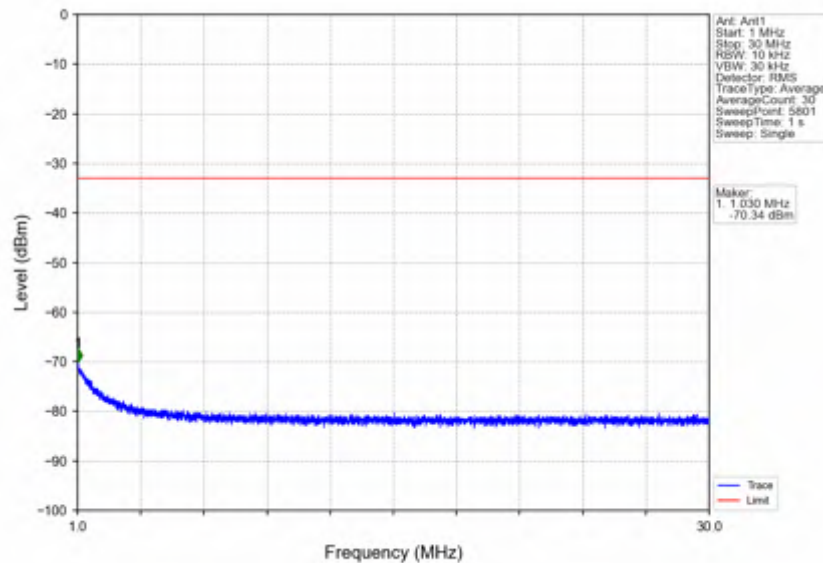
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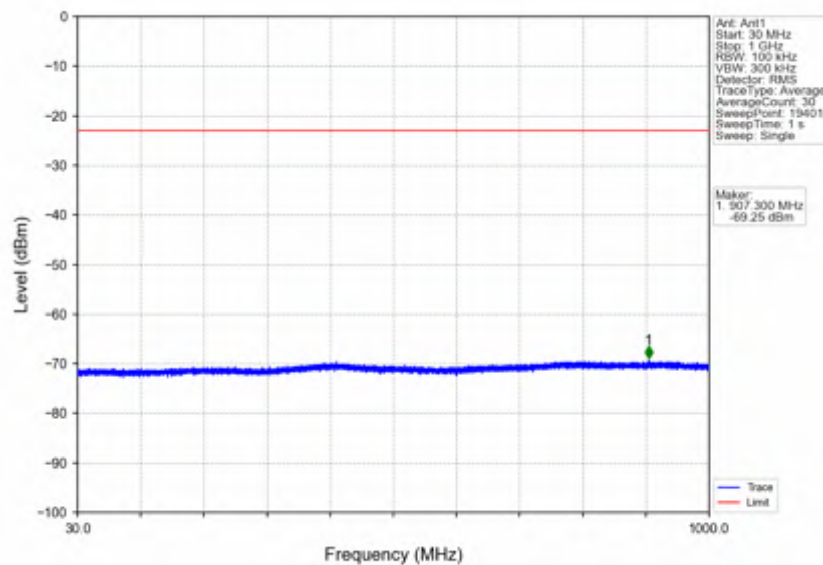
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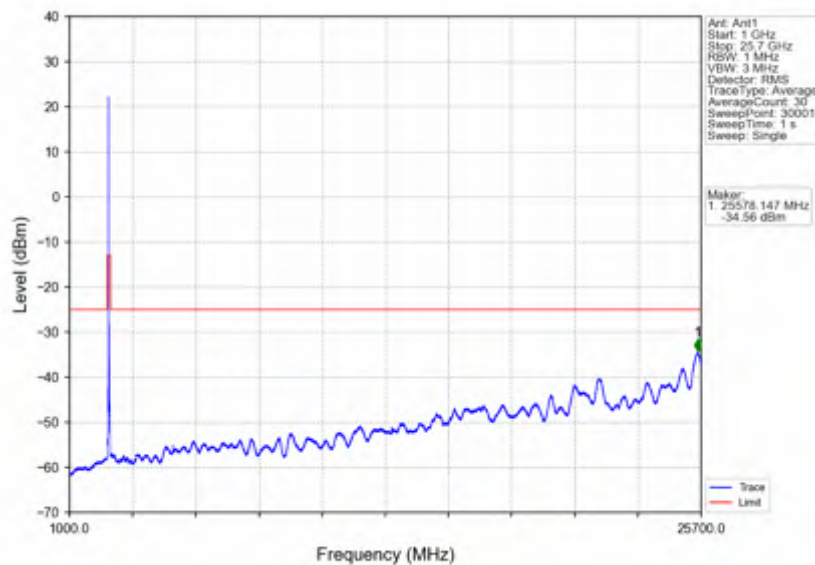
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n7 15kHz SISO NTNv 30MHz DFT-s-OFDM PI/2 BPSK 2535MHz Edge 1RB Left



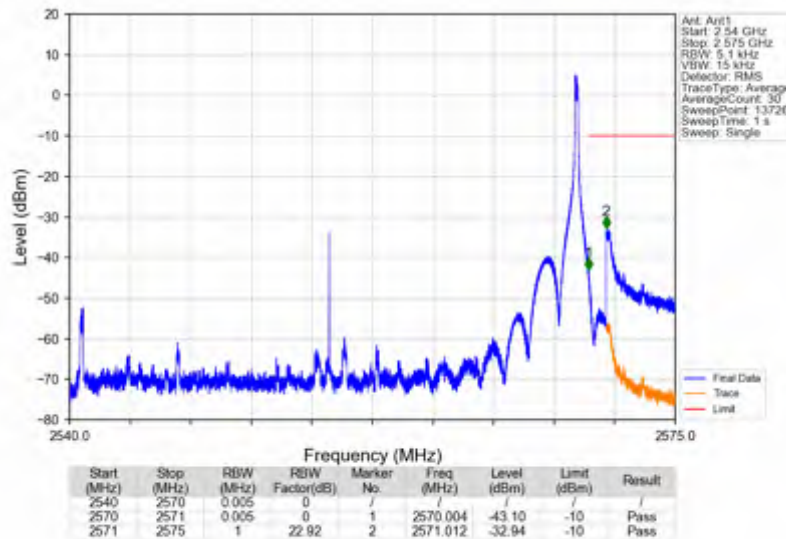
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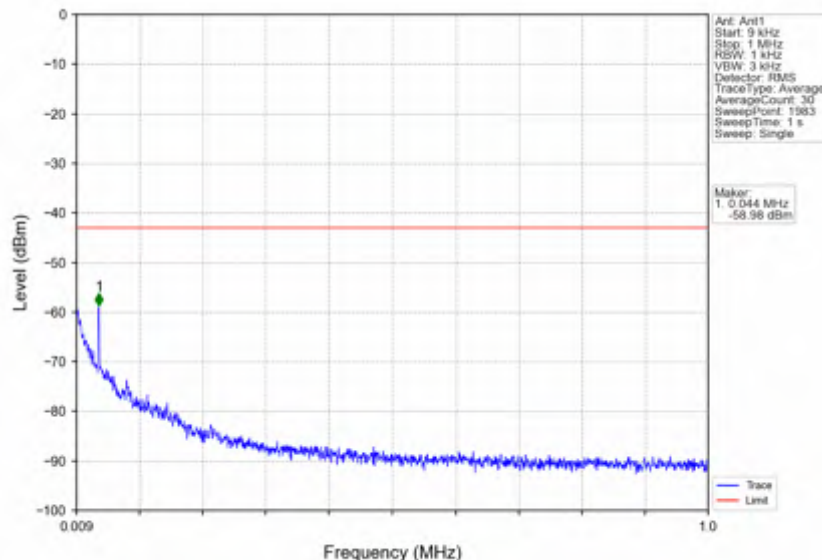
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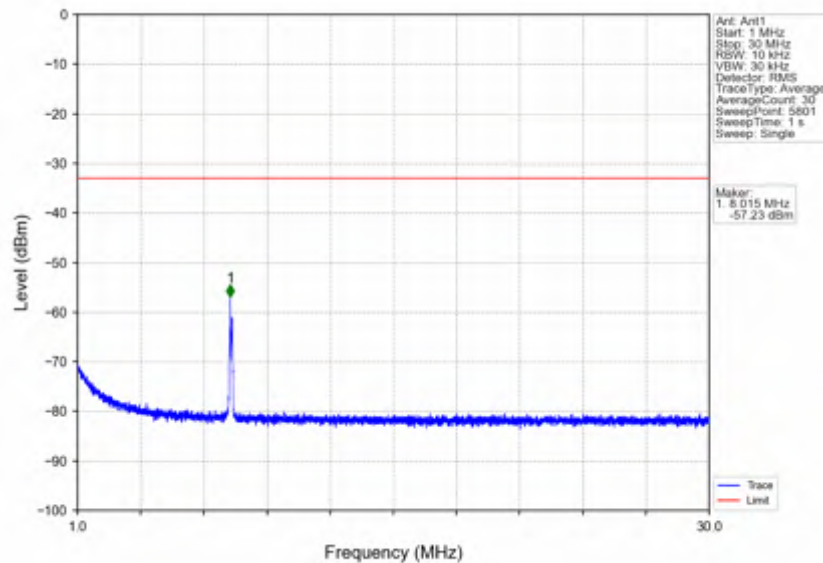


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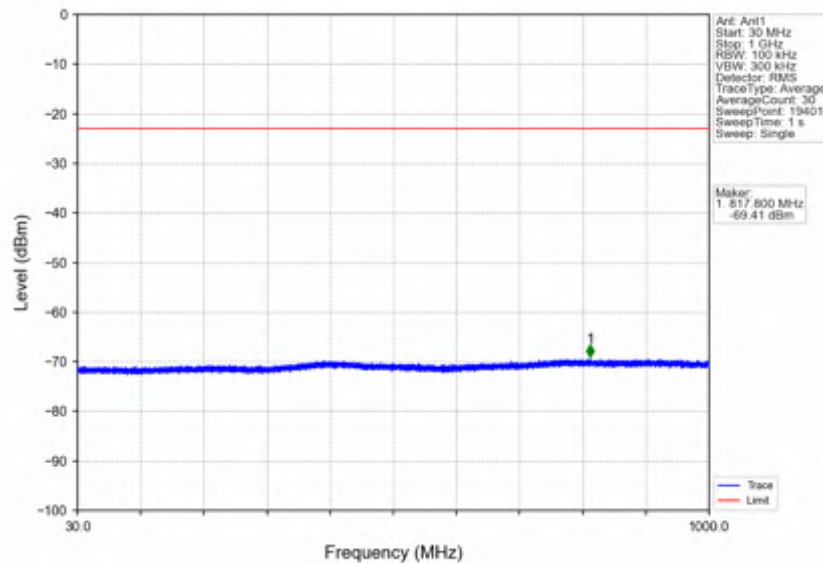
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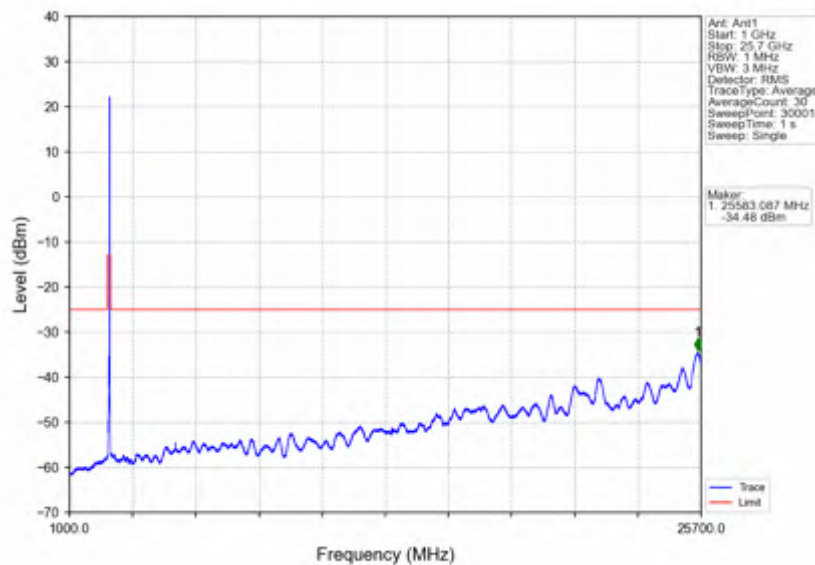
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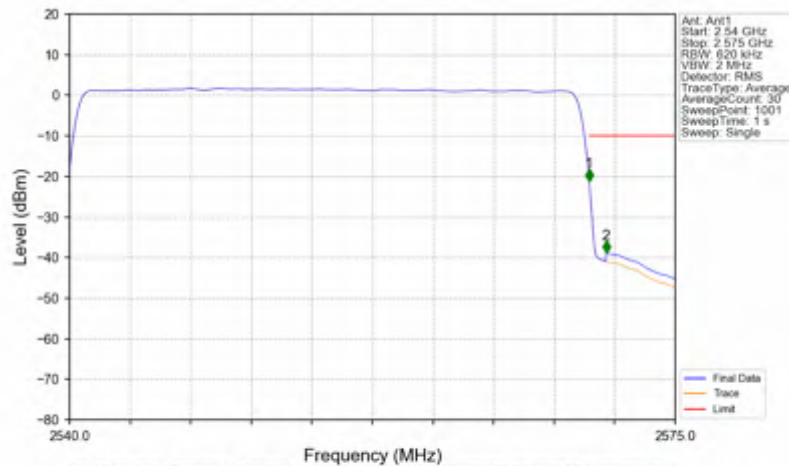
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2555MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.62	0	/	/	/	/	/
2570	2571	0.62	0	1	2570.030	-21.18	-10	Pass
2571	2575	1	2.08	2	2571.010	-38.92	-10	Pass

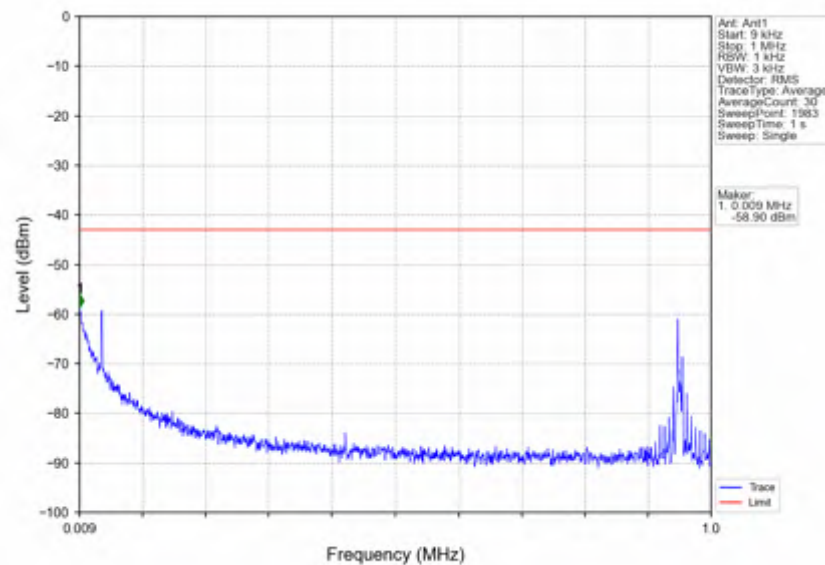


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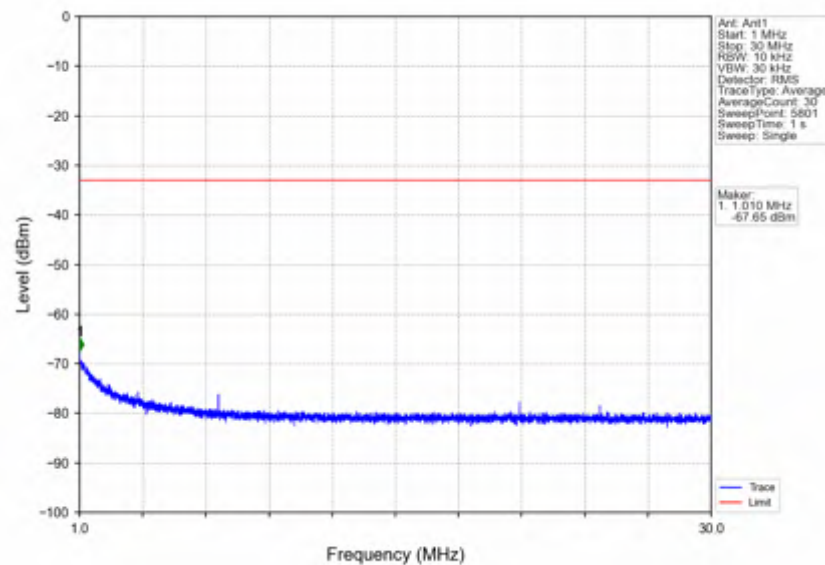
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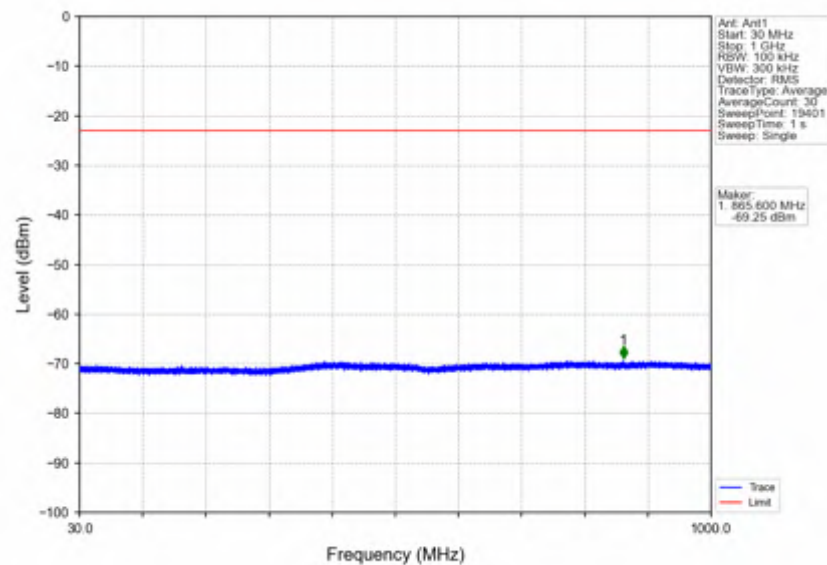


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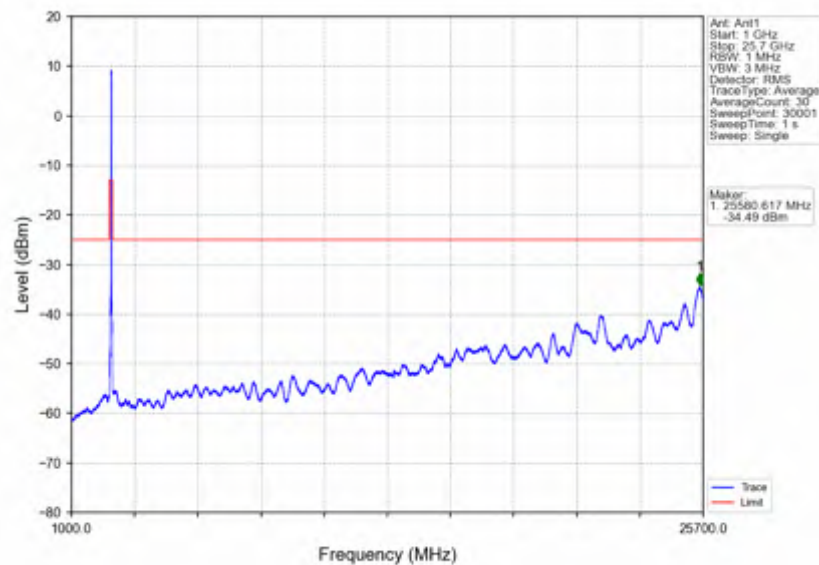
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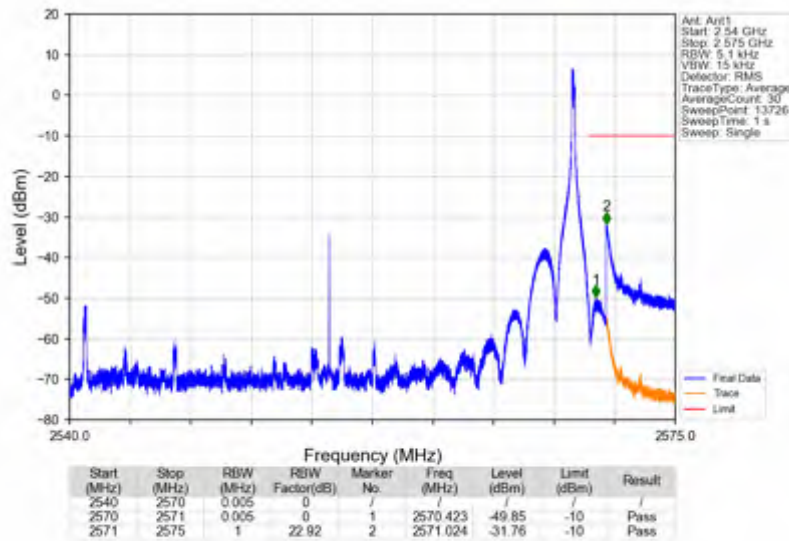


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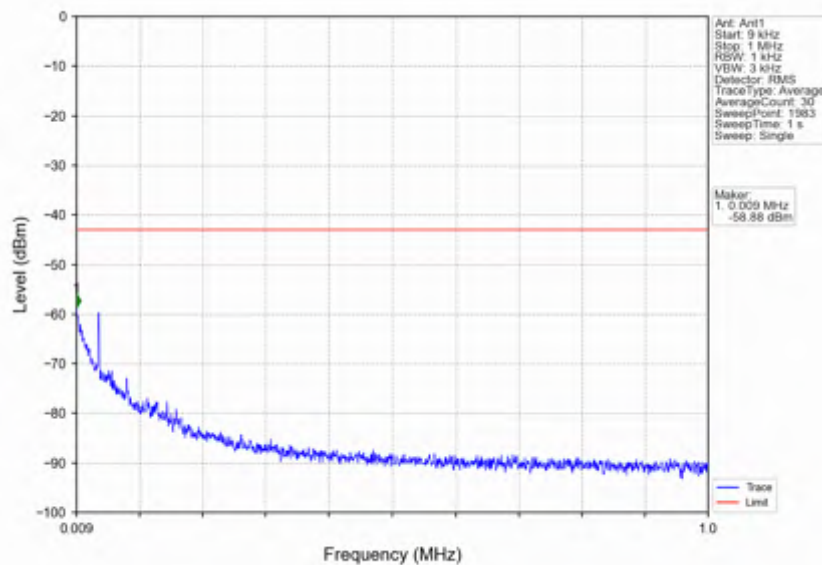
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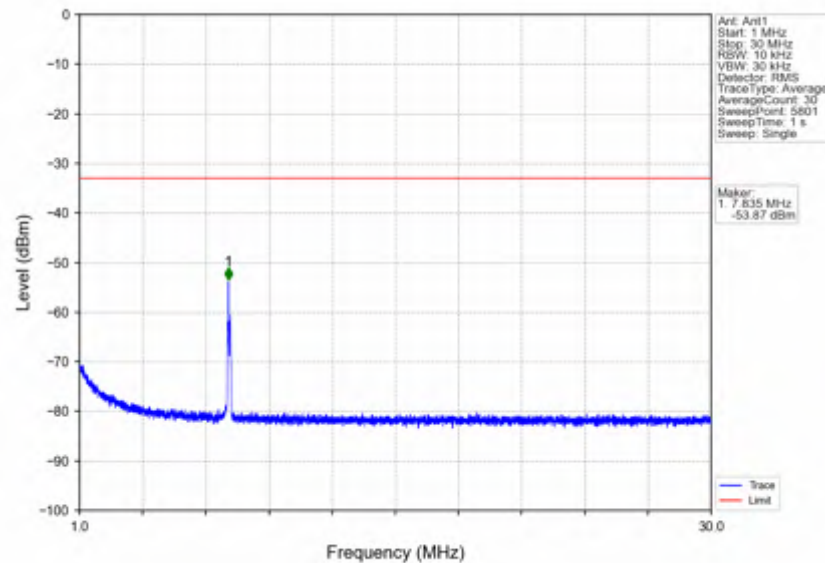
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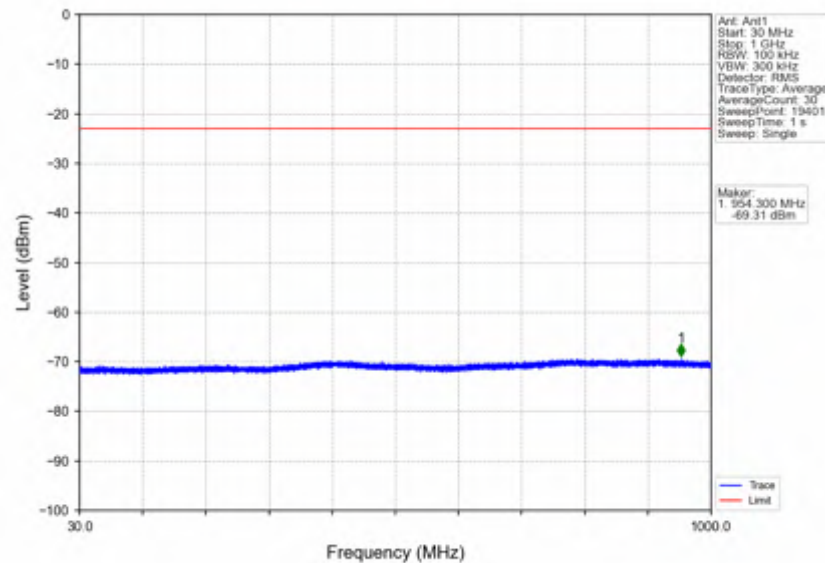
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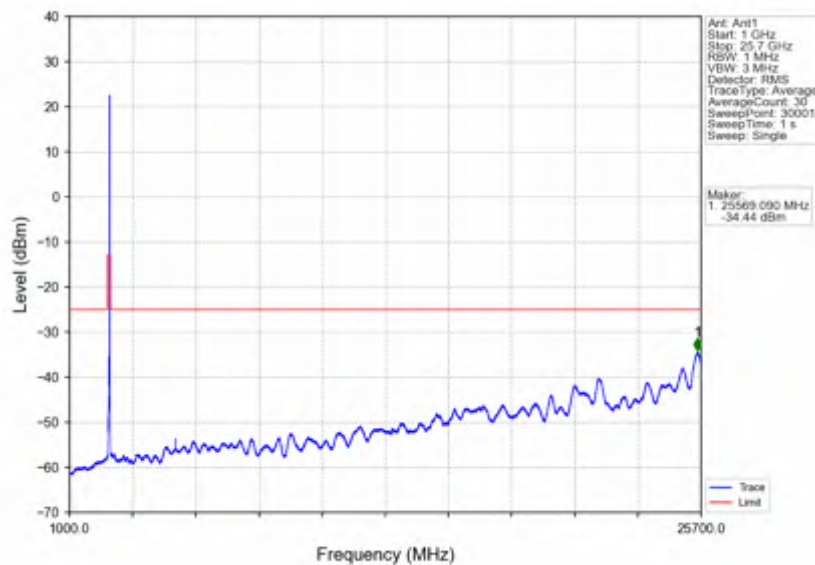
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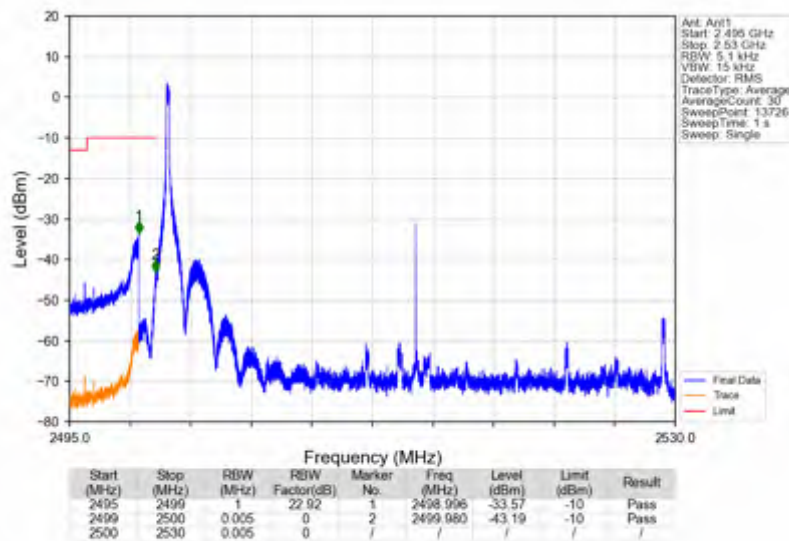
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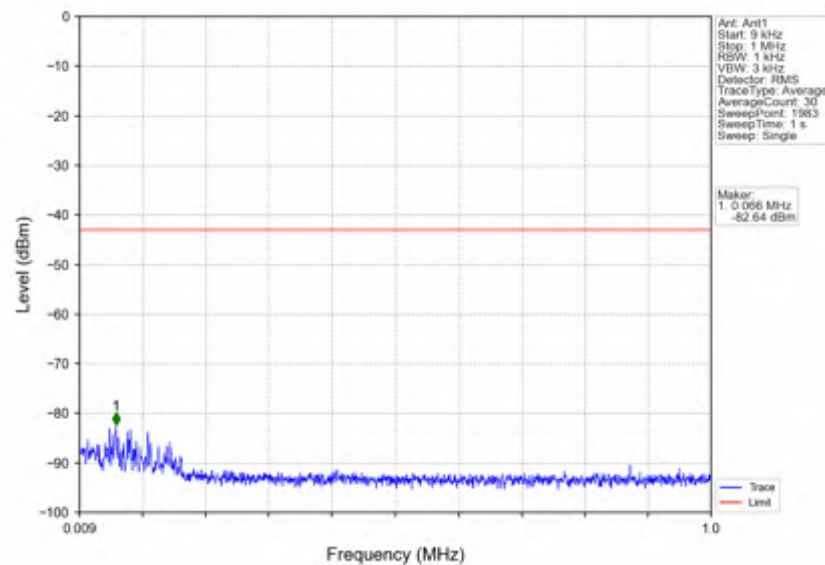
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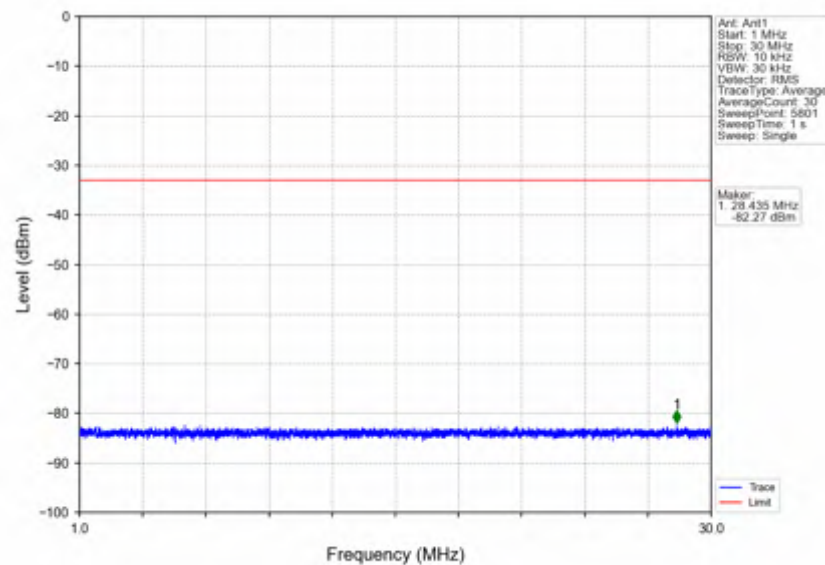
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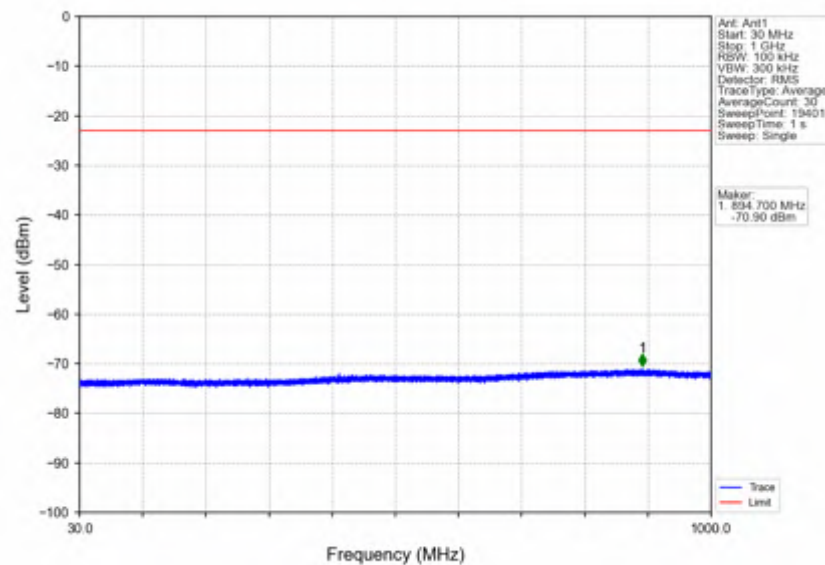
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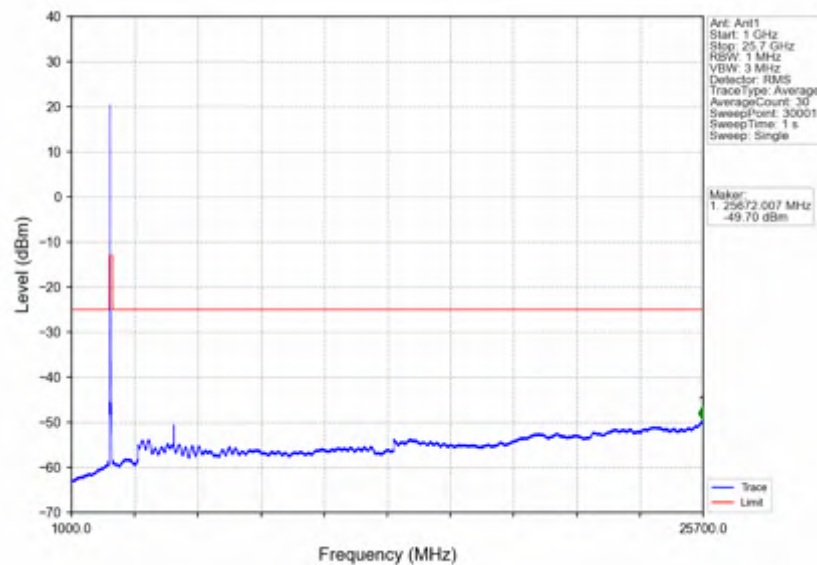
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Edge_1RB_Left



n7 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 2515MHz Edge 1RB Left

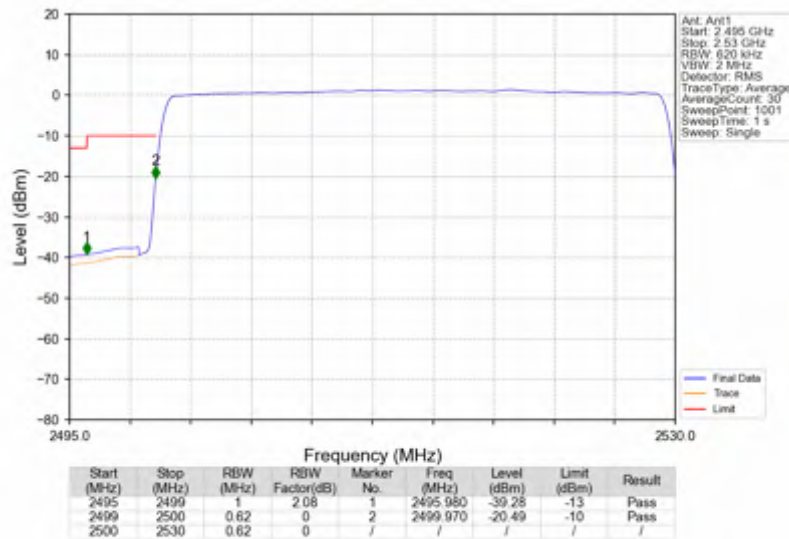


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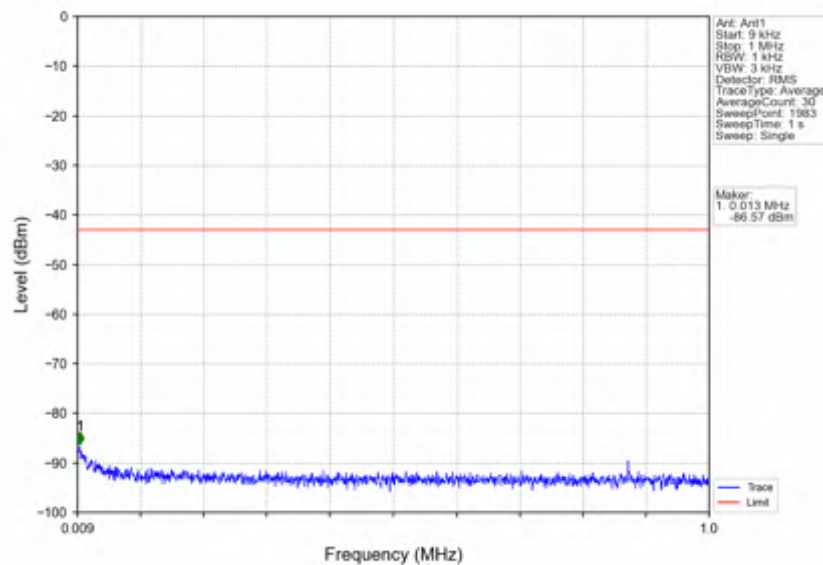
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n7 15kHz SISO NTNv 30MHz DFT-s-OFDM QPSK 2515MHz Outer Full



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Outer_Full

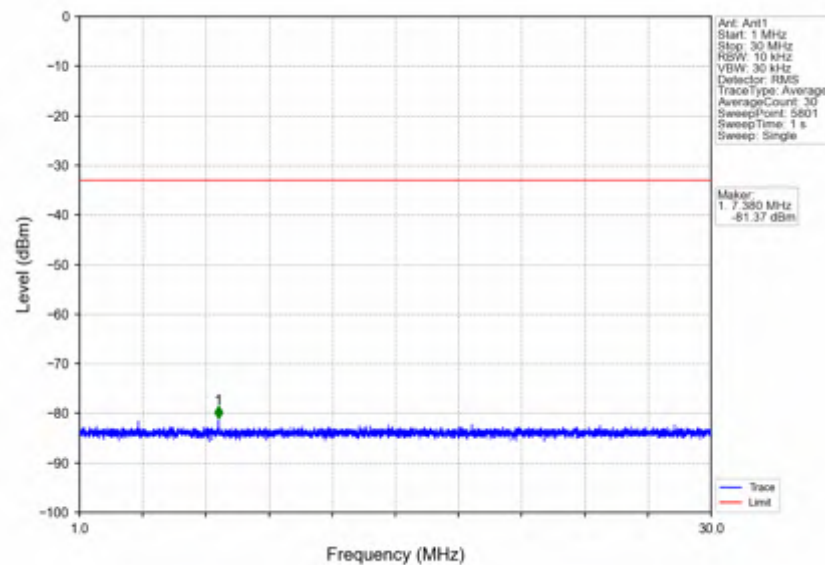


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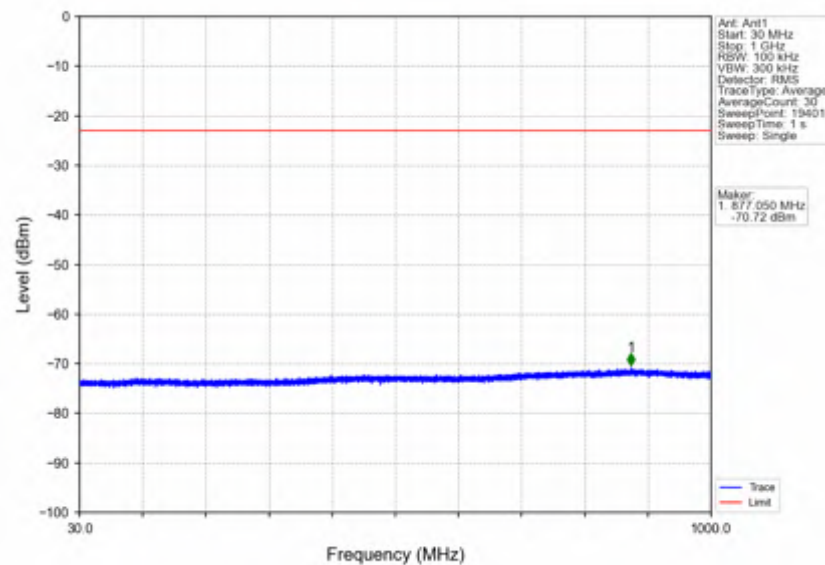
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Outer_Full



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Outer_Full



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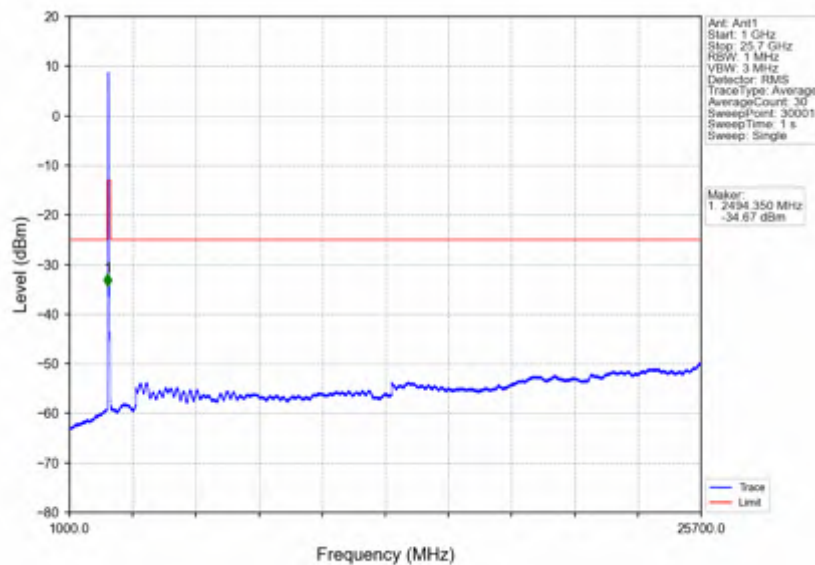
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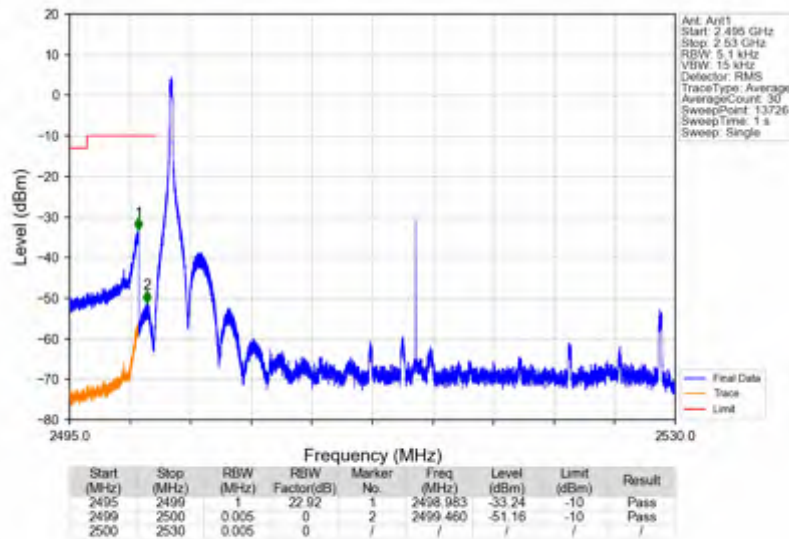
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Outer_Full



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Inner_1RB_Left



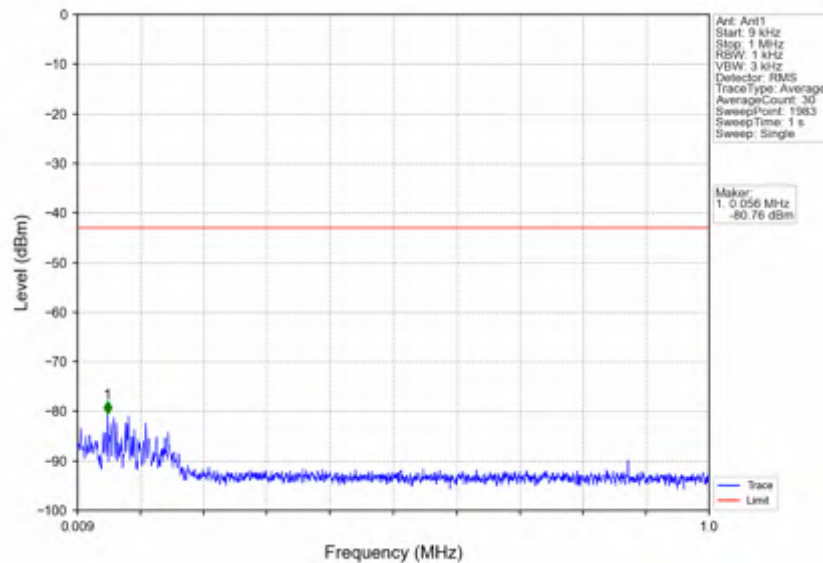
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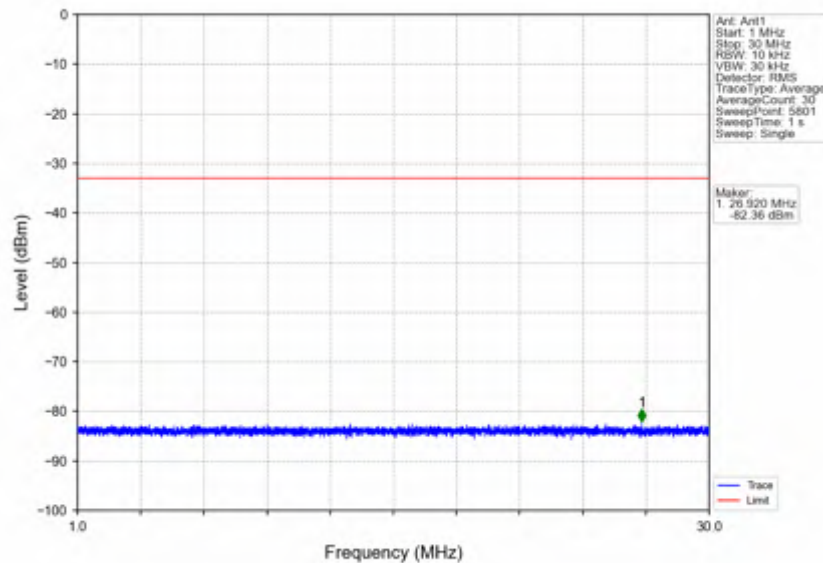
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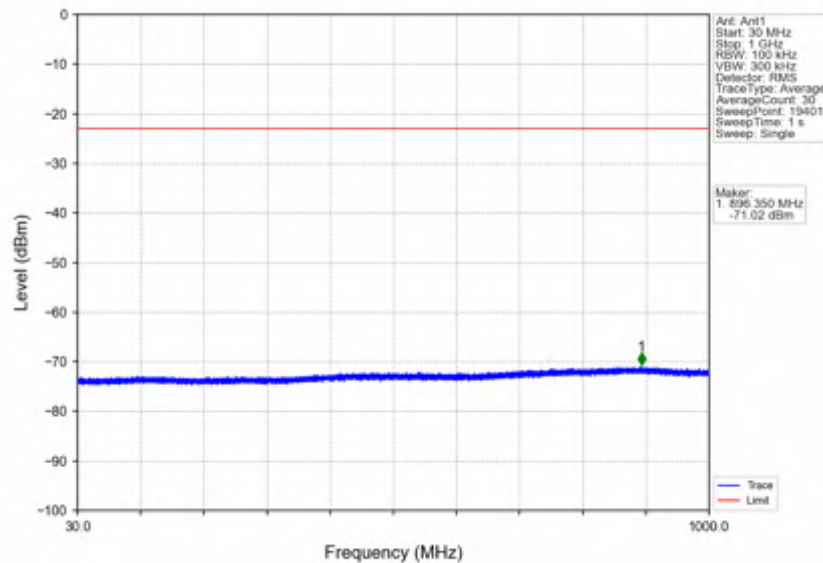
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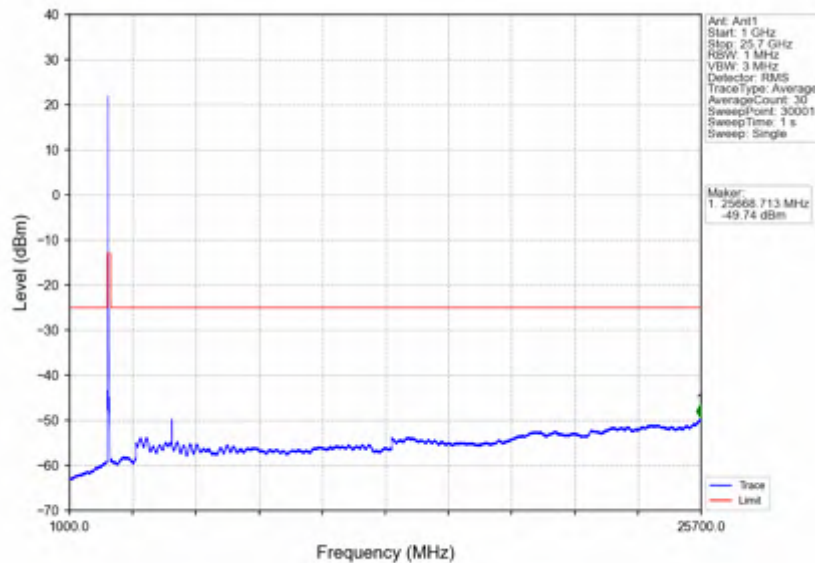
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Inner_1RB_Left



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2515MHz_Inner_1RB_Left

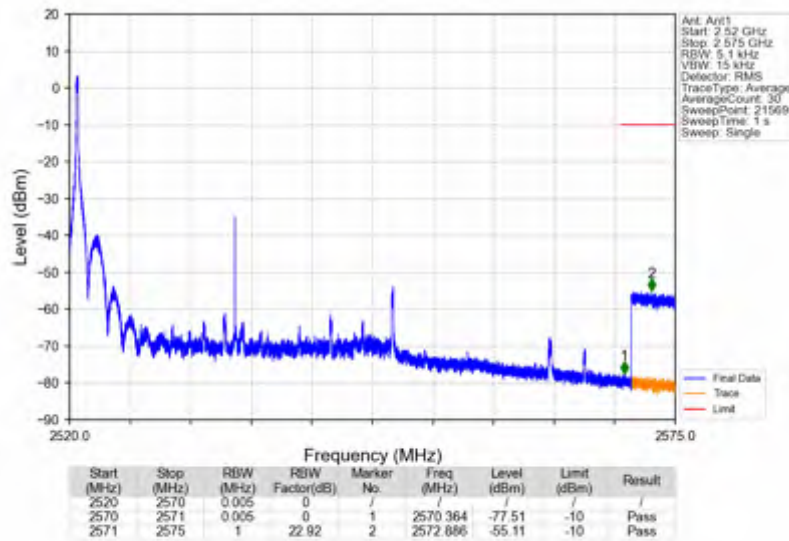


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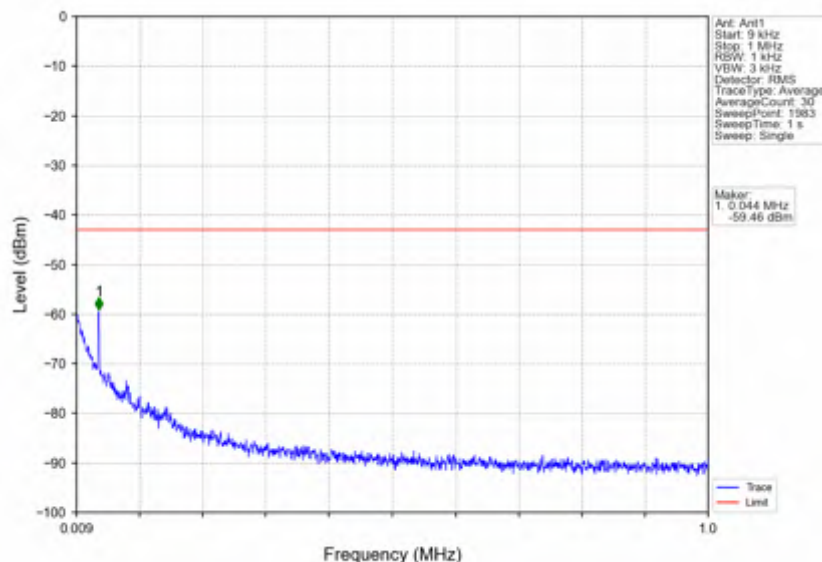
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left



n7	15kHz	SISO	NTNV	30MHz	DFT-s-OFDM	QPSK	2535MHz	Edge	1RB	Left
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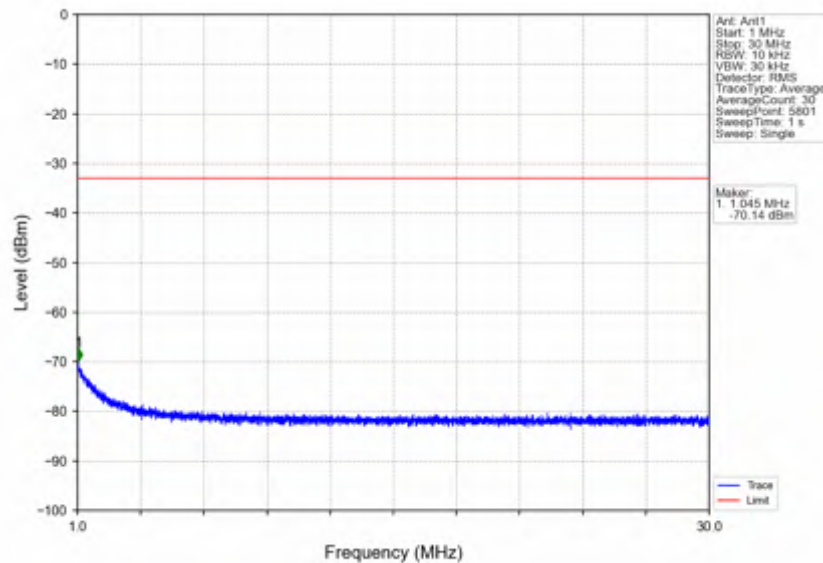


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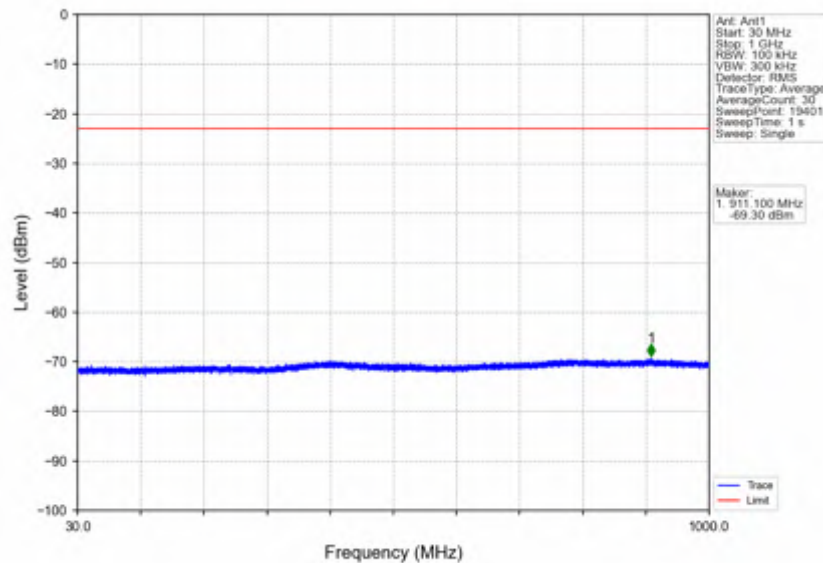
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2535MHz_Edge_1RB_Left



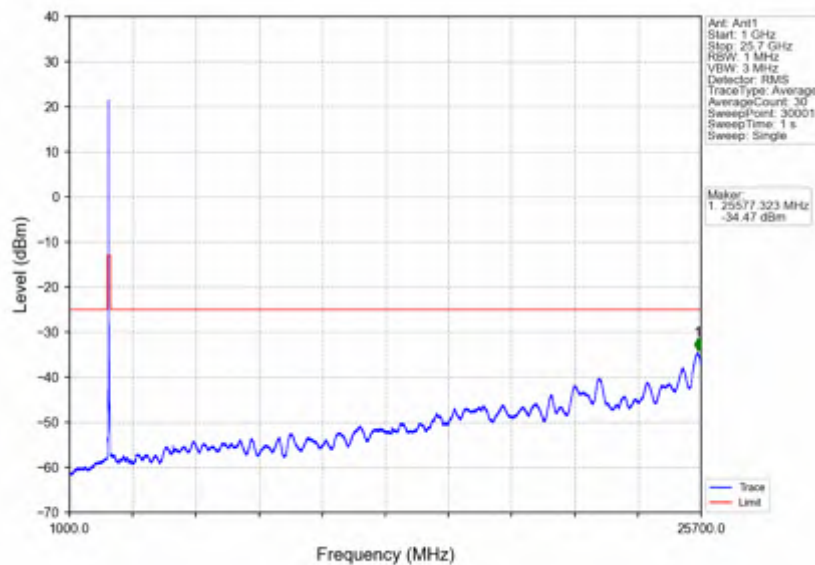
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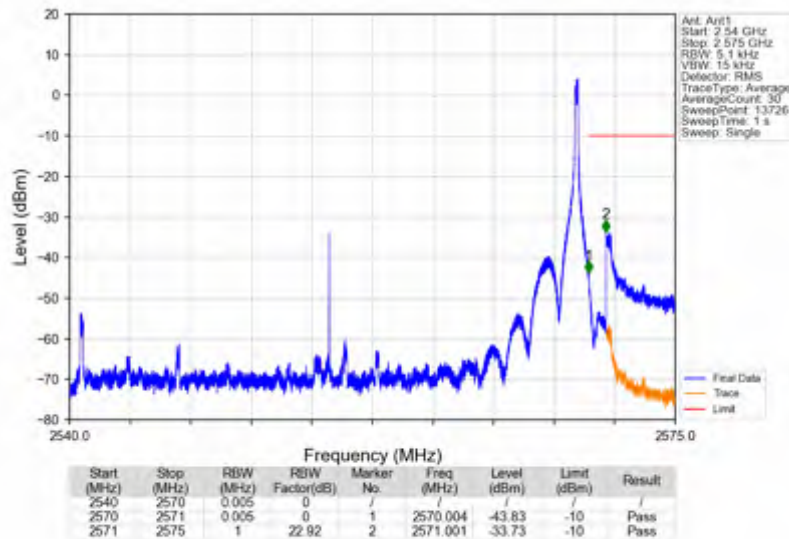
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n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2555MHz_Edge_1RB_Right



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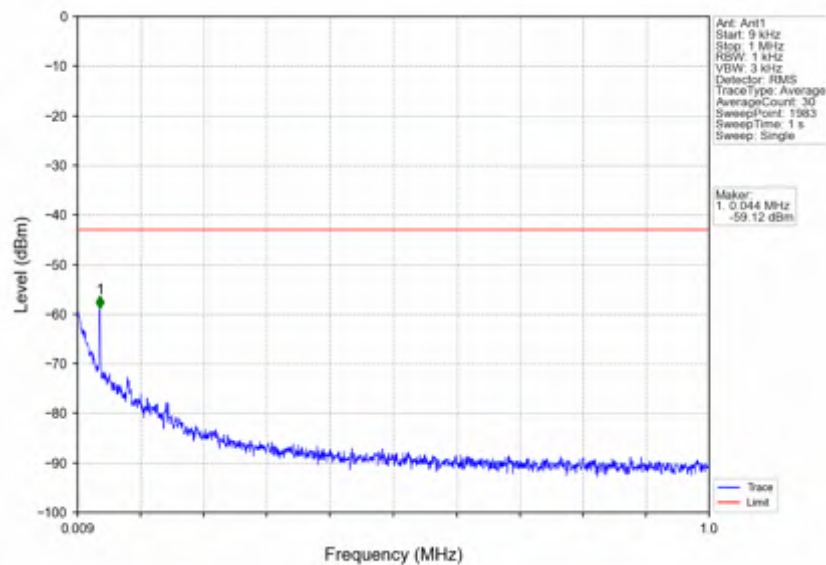
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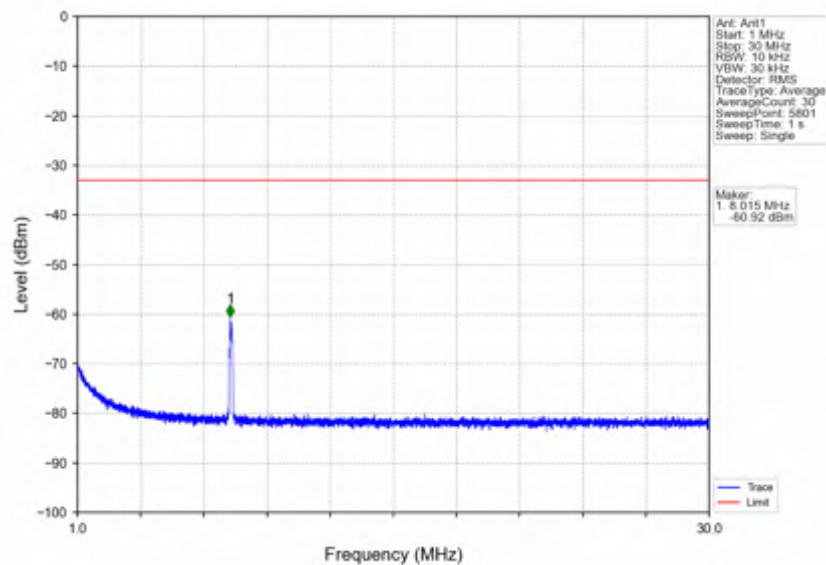
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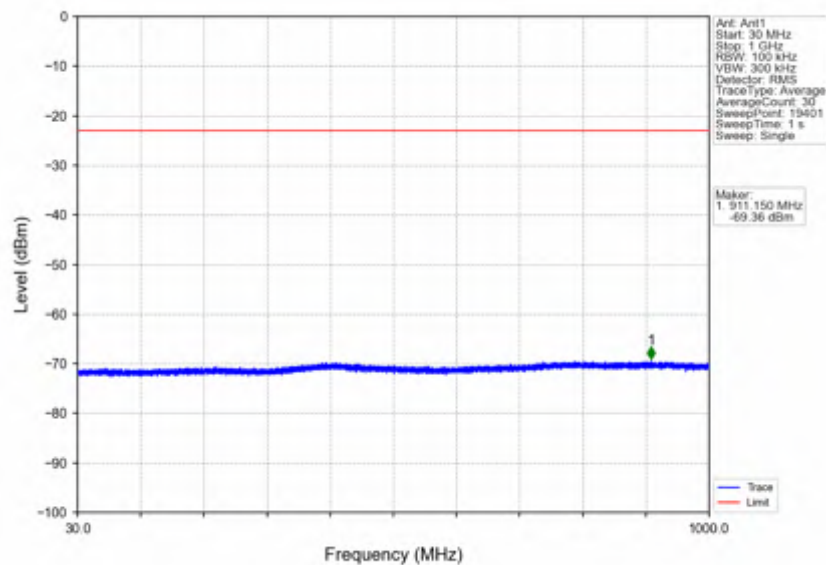
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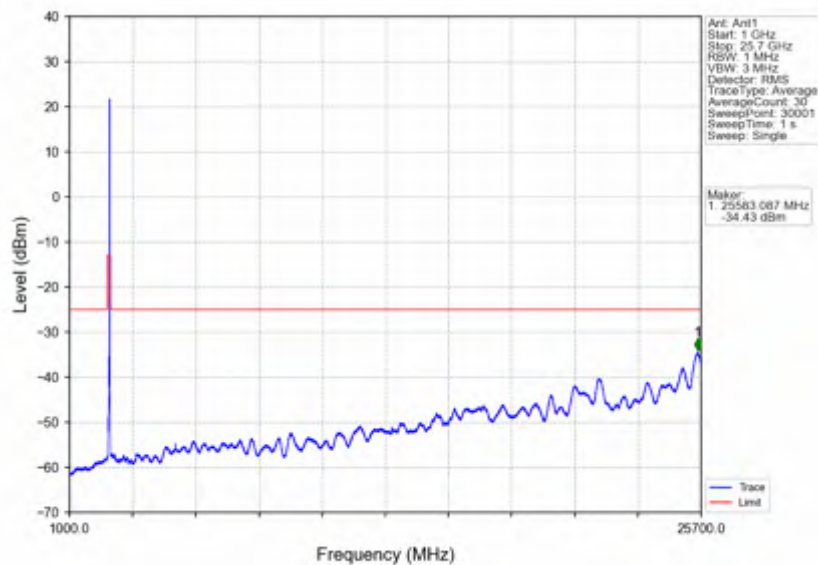
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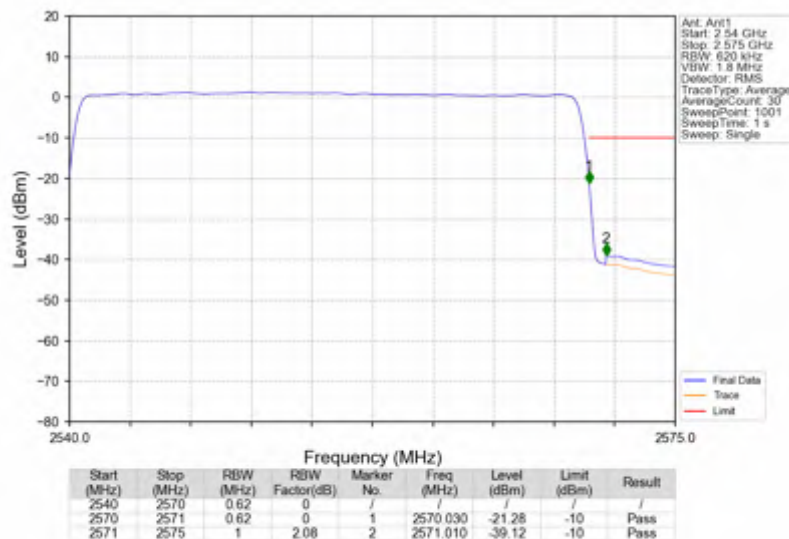
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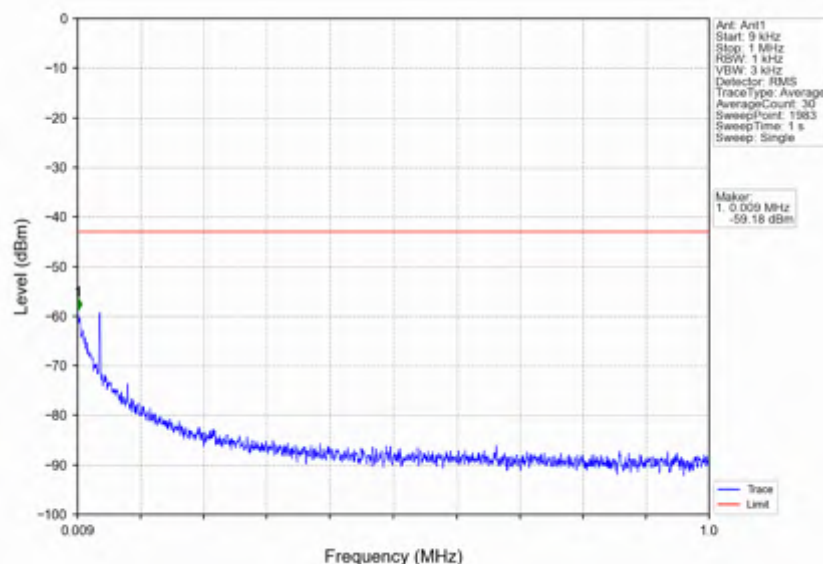
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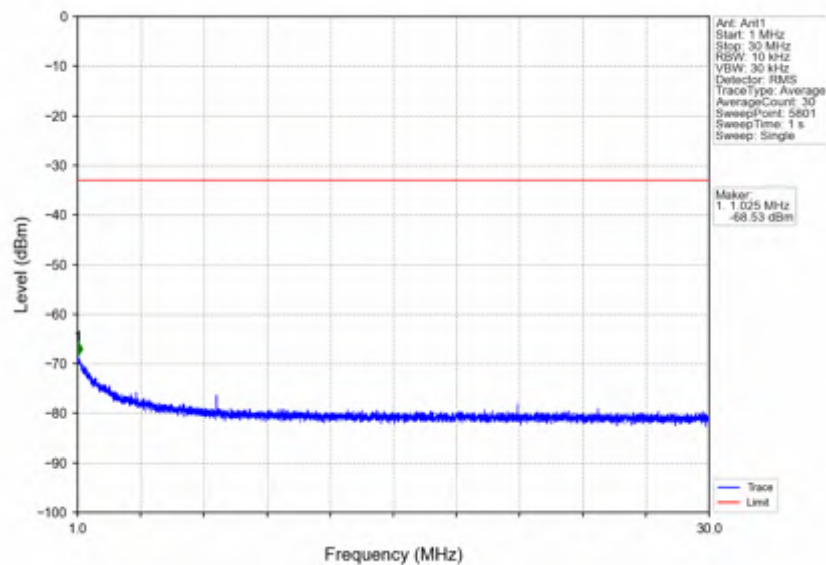


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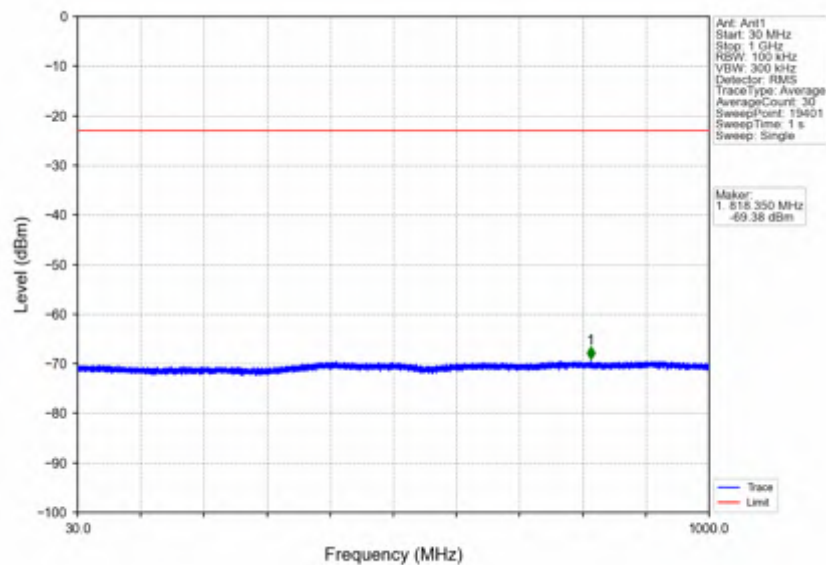
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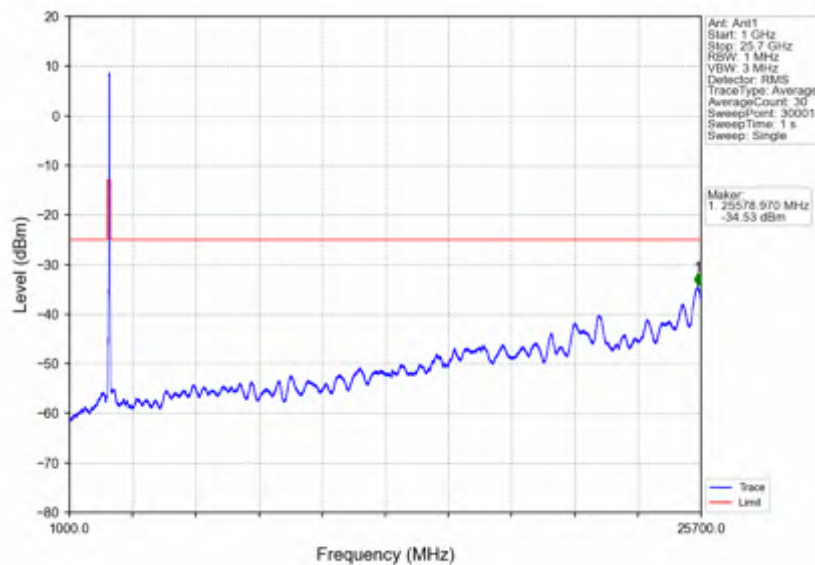
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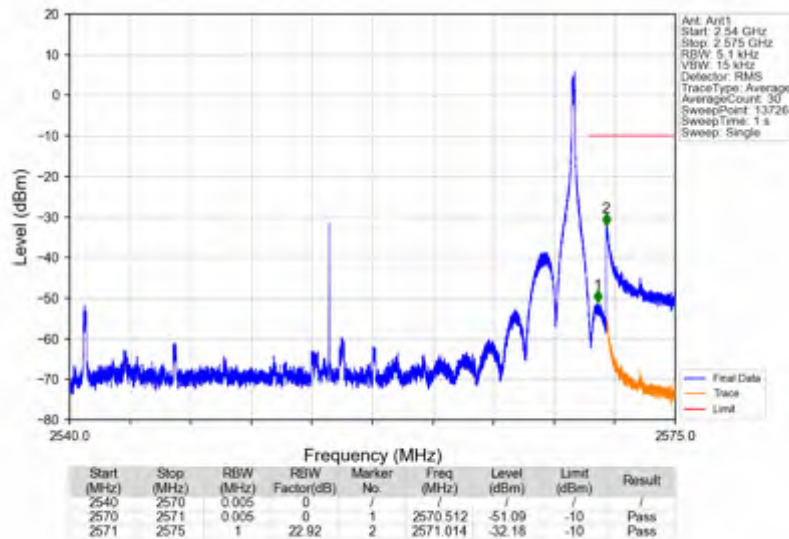
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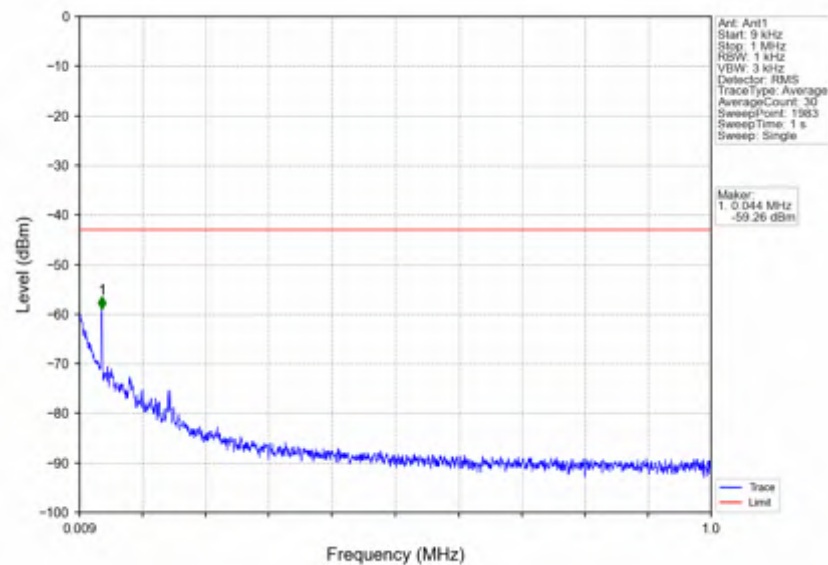
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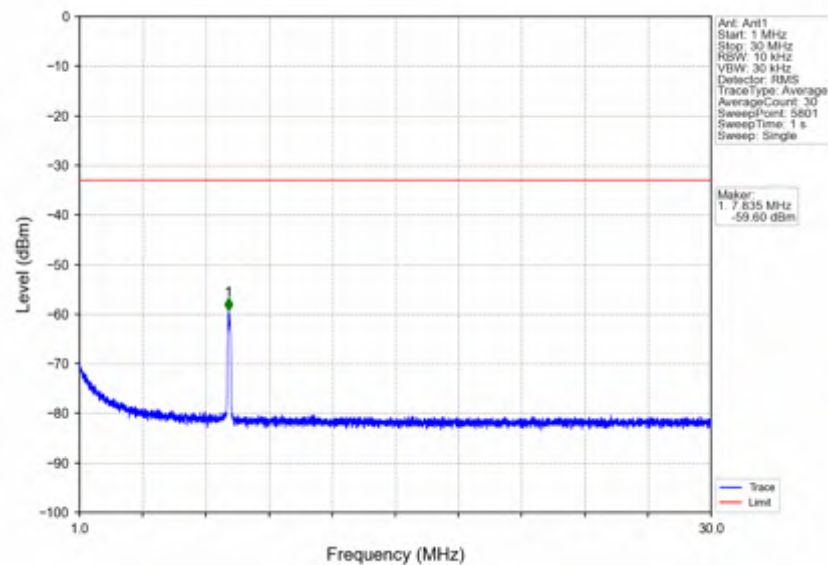
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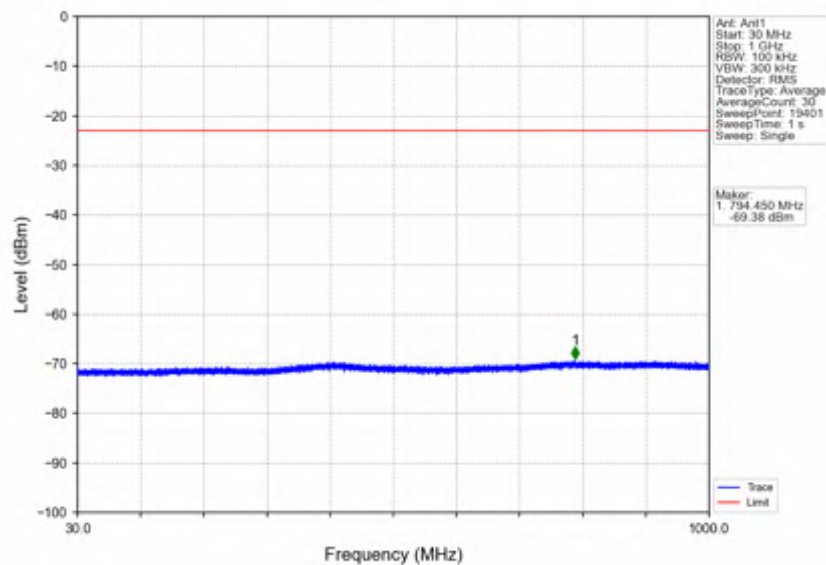
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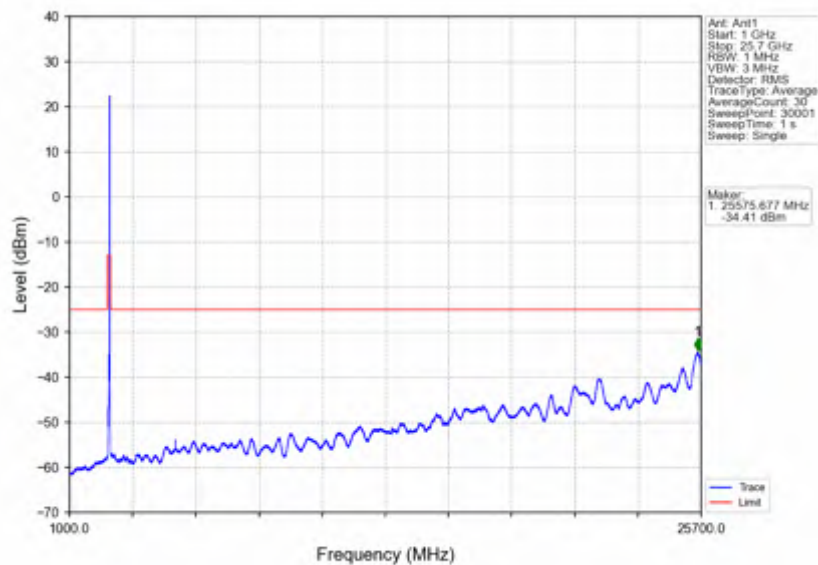
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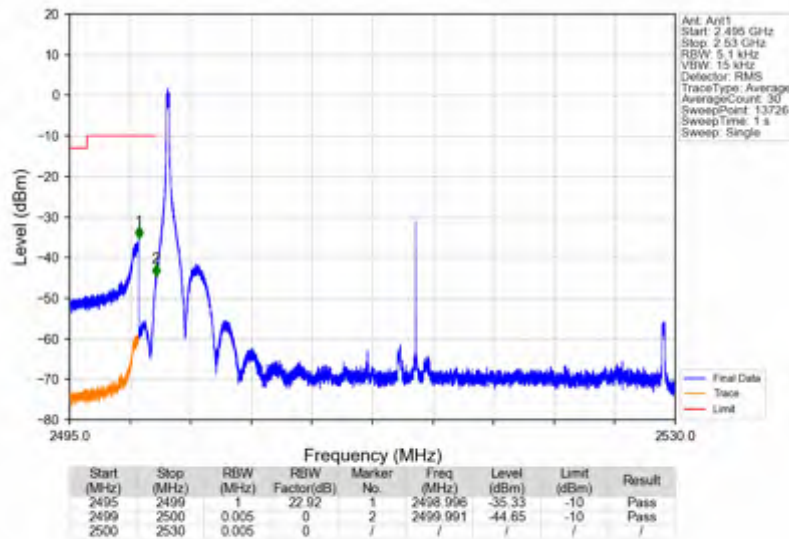


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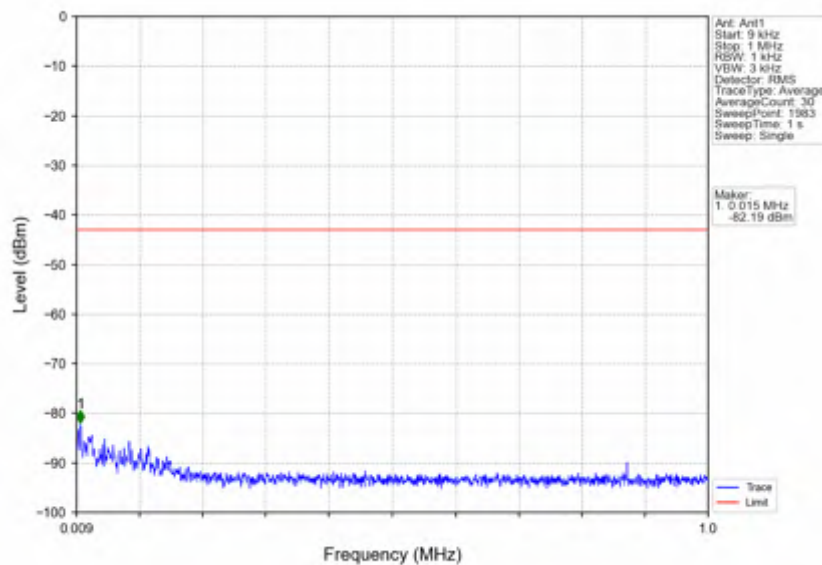
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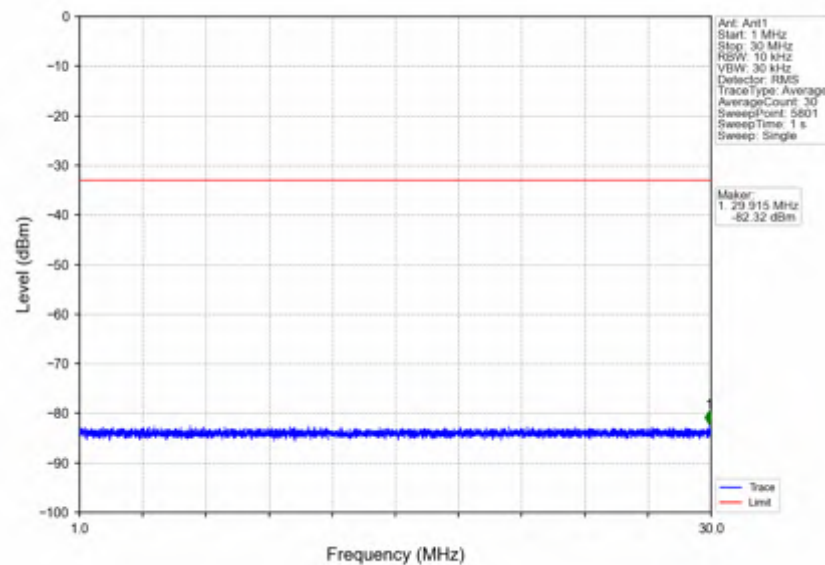


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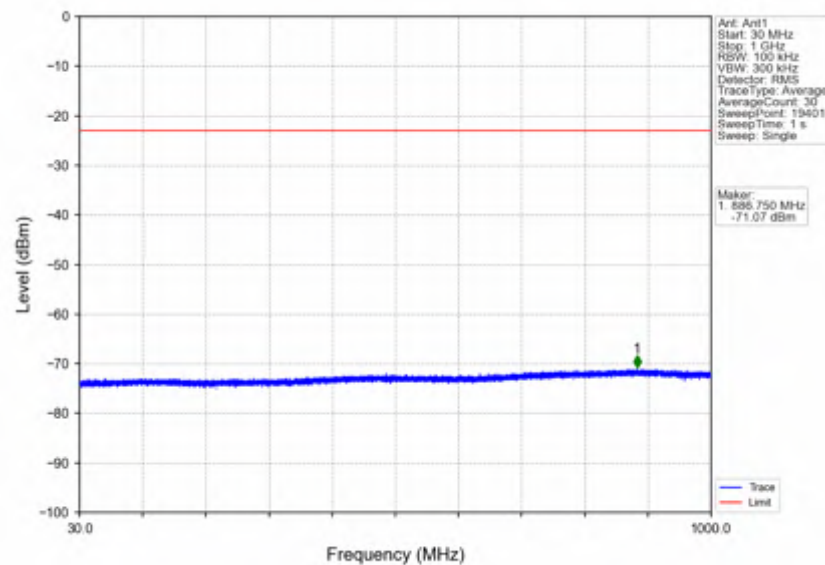
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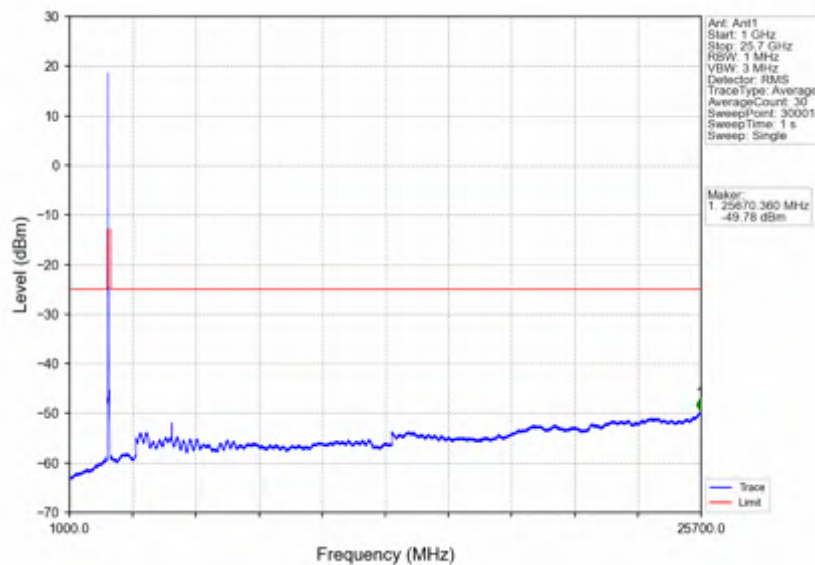
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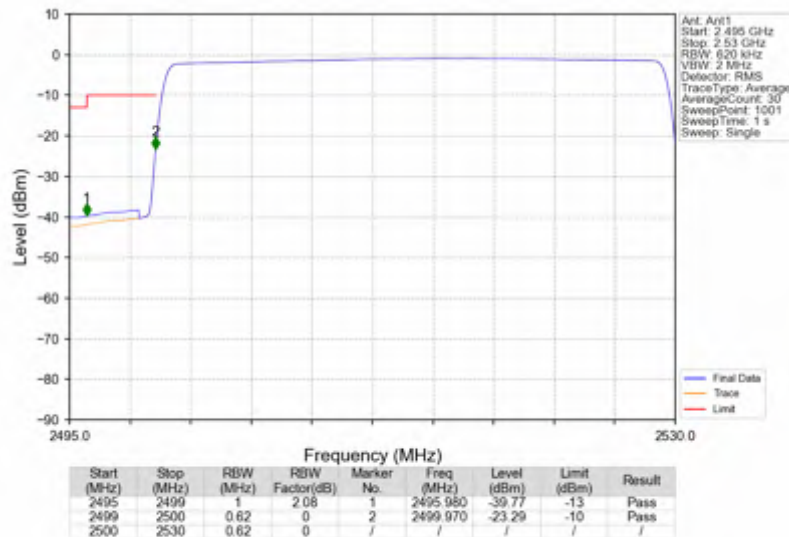
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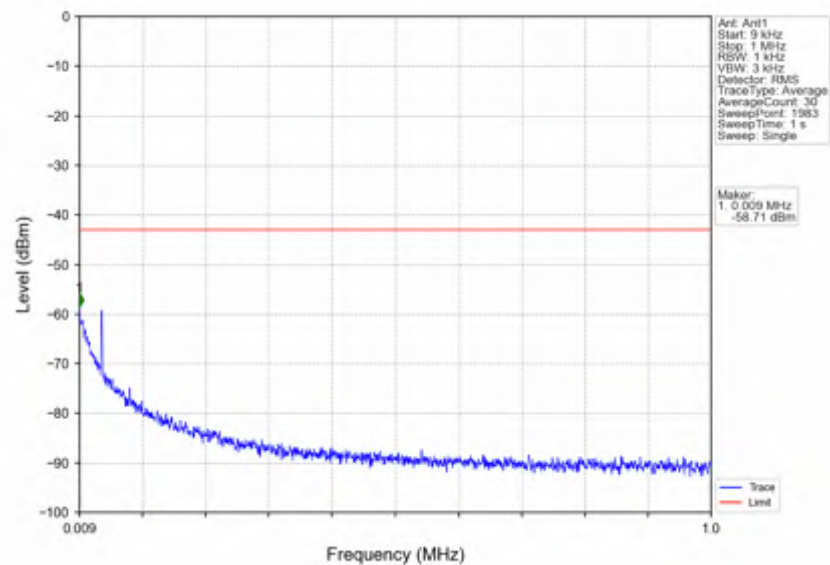
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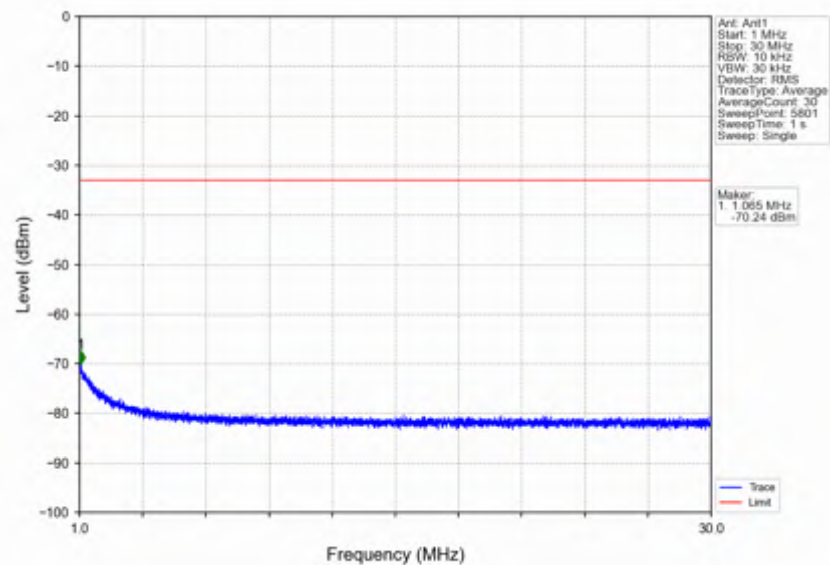
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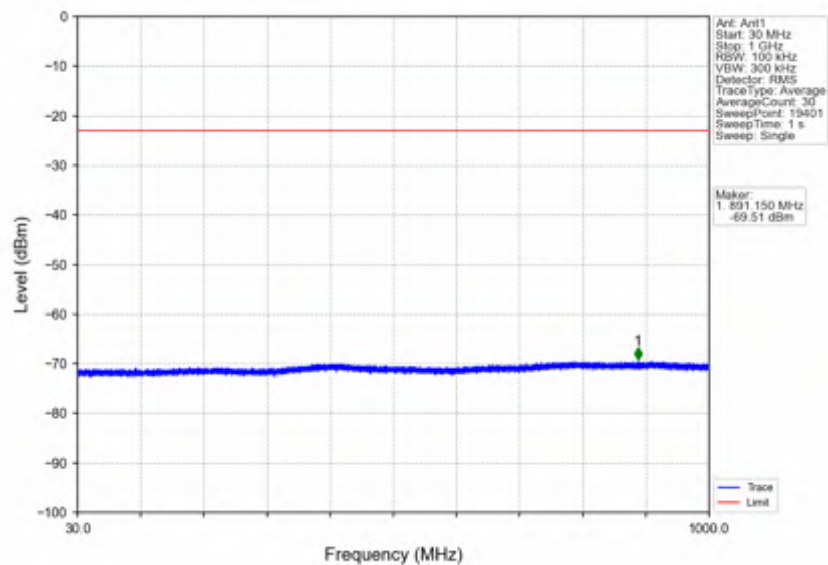
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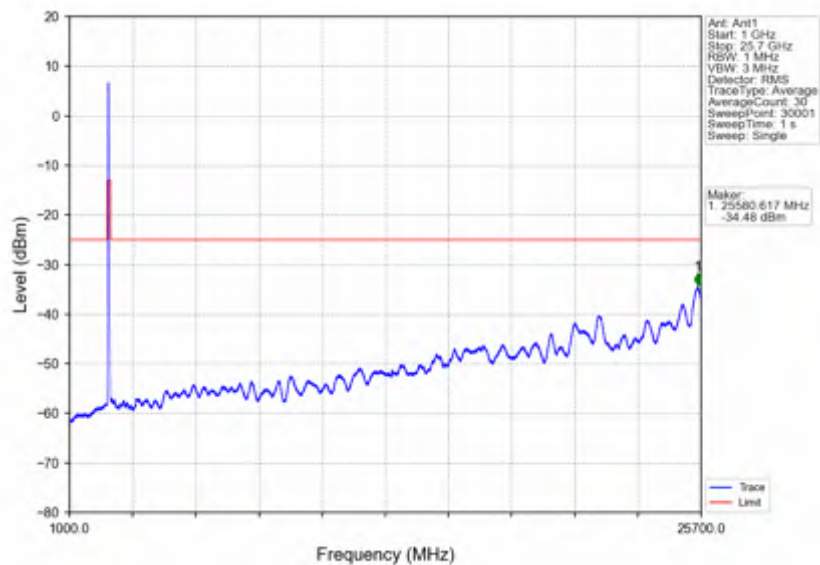
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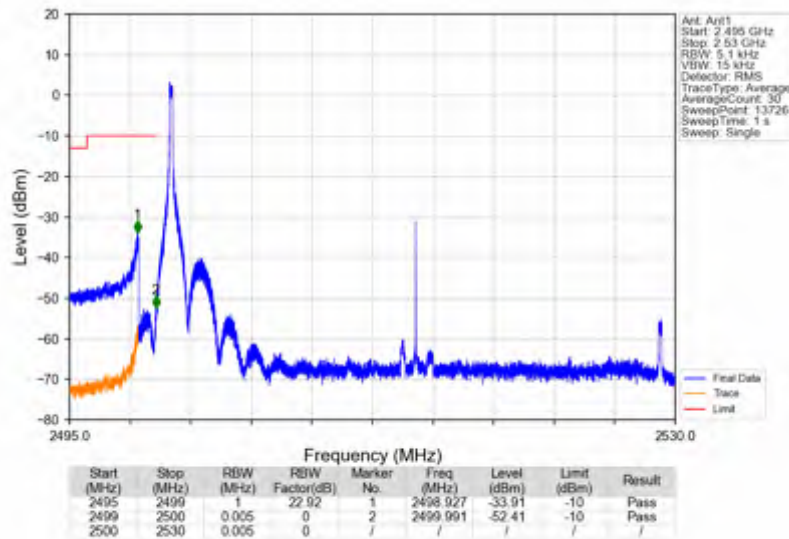


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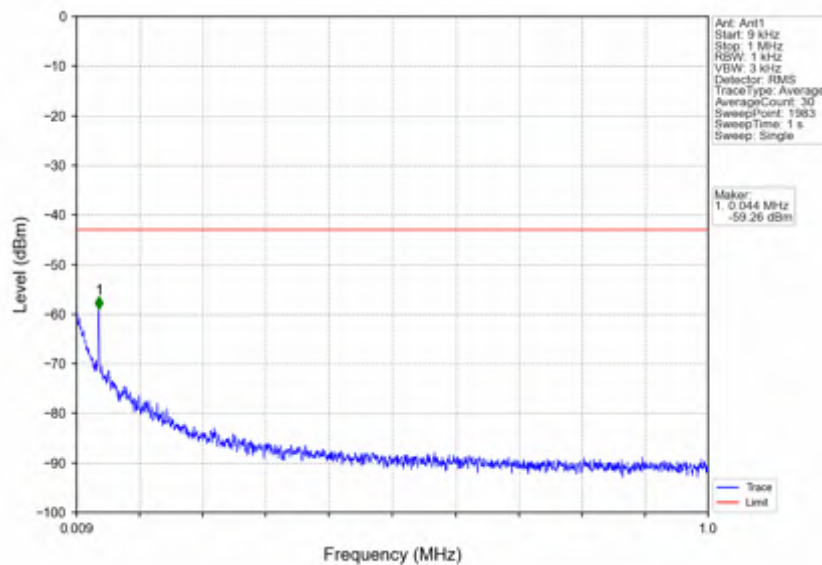
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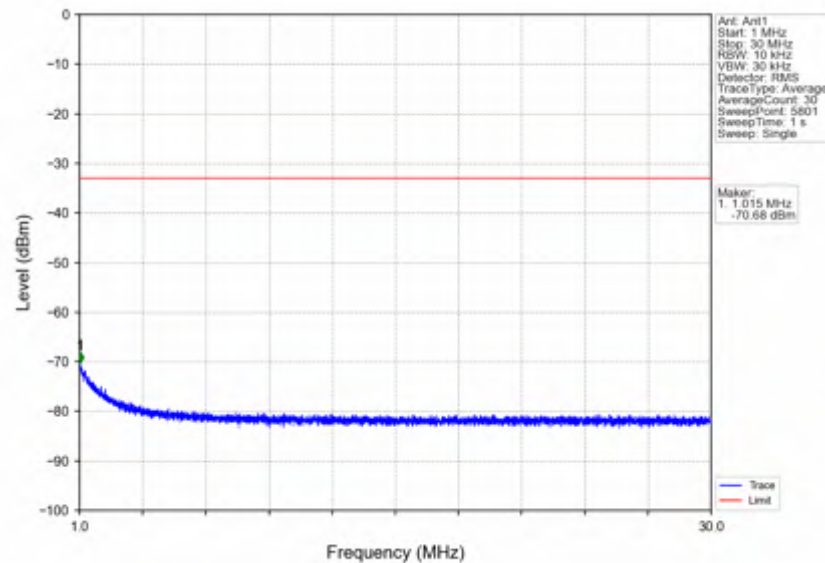


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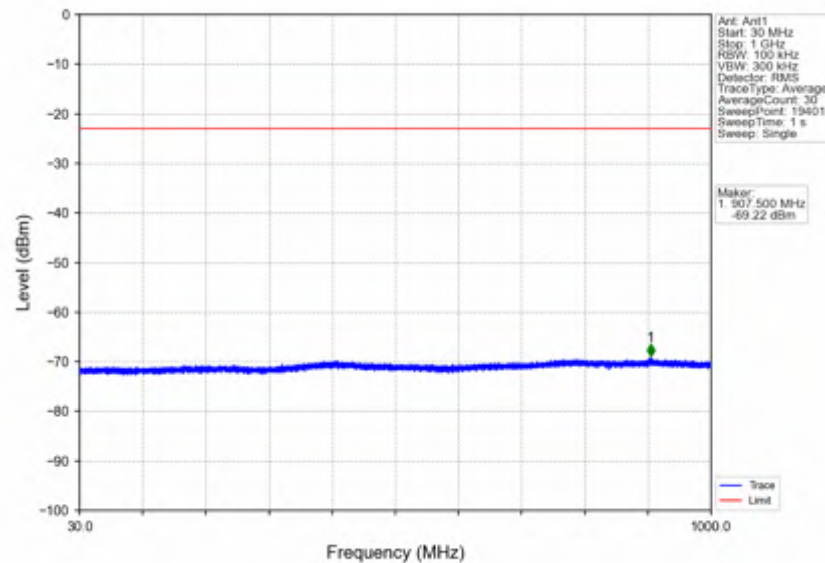
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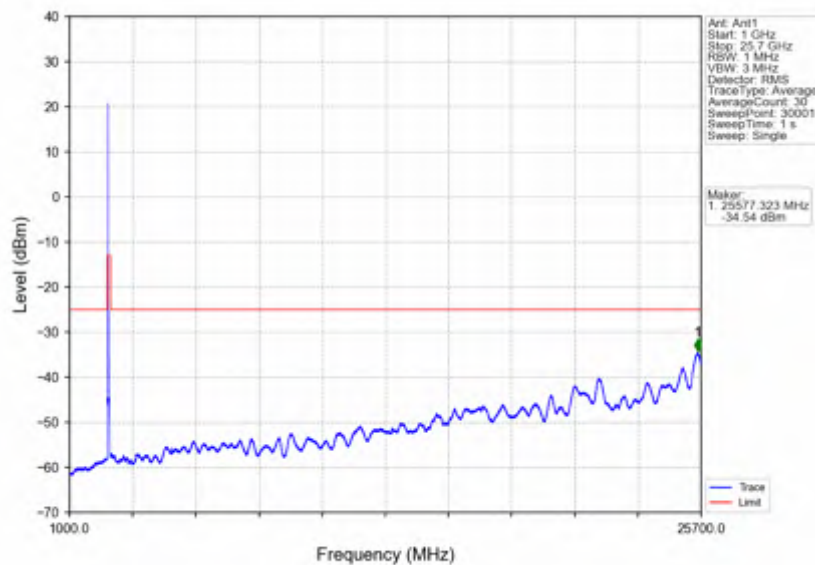
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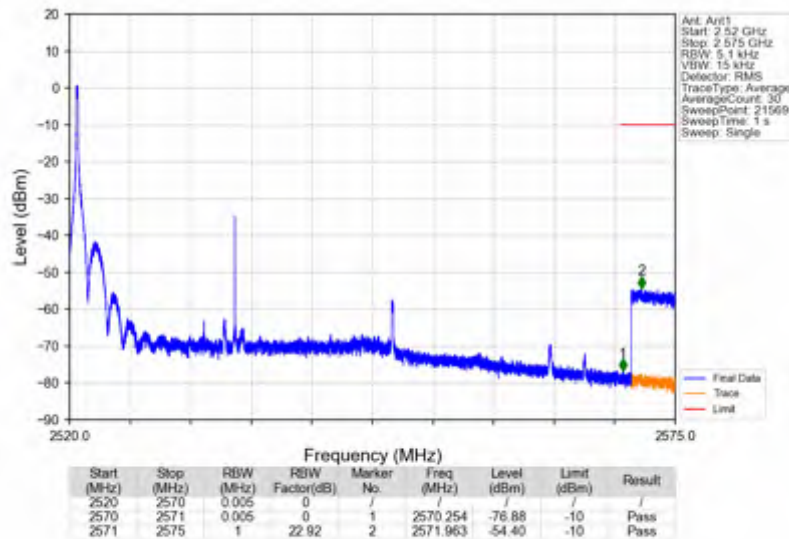
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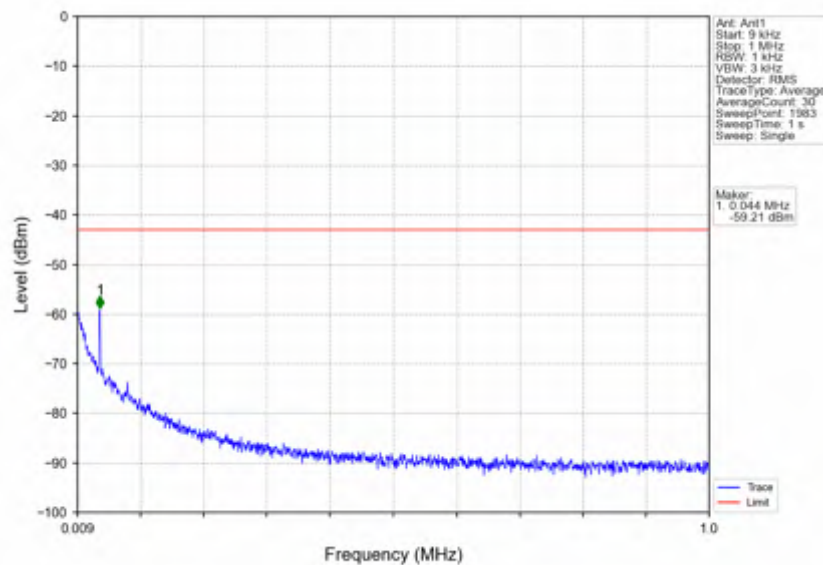
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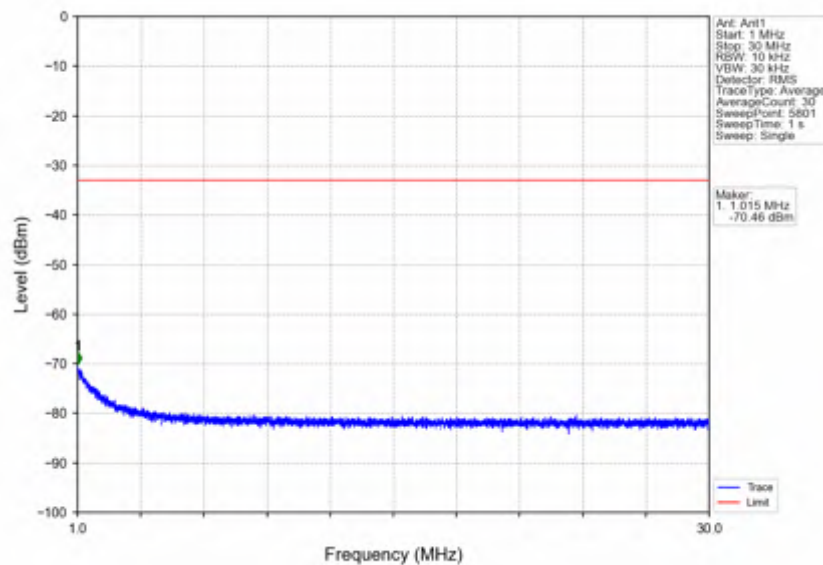
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n7 15kHz SISO NTN 30MHz CP-OFDM QPSK 2535MHz Edge 1RB Left

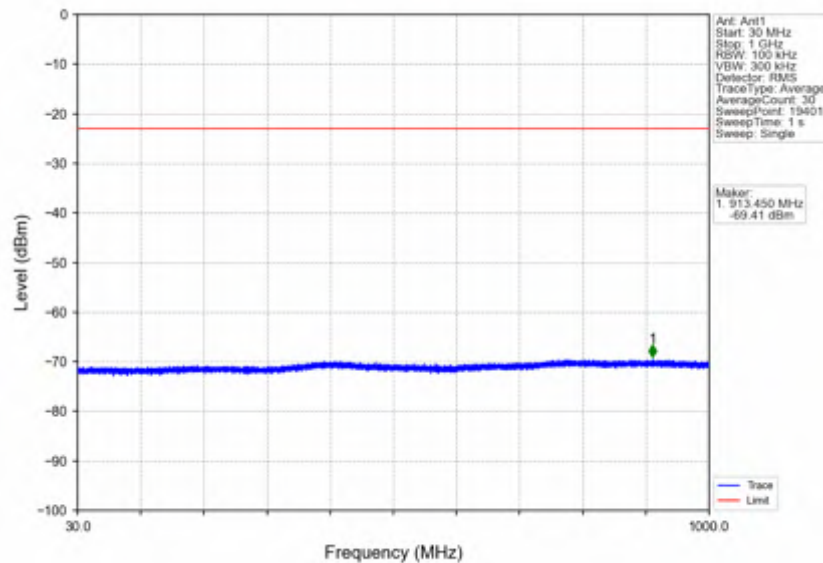


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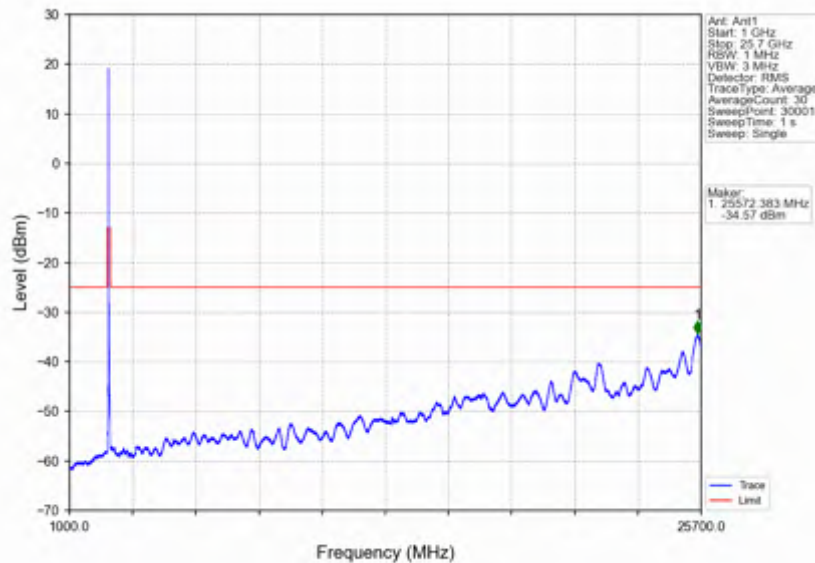
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n7_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



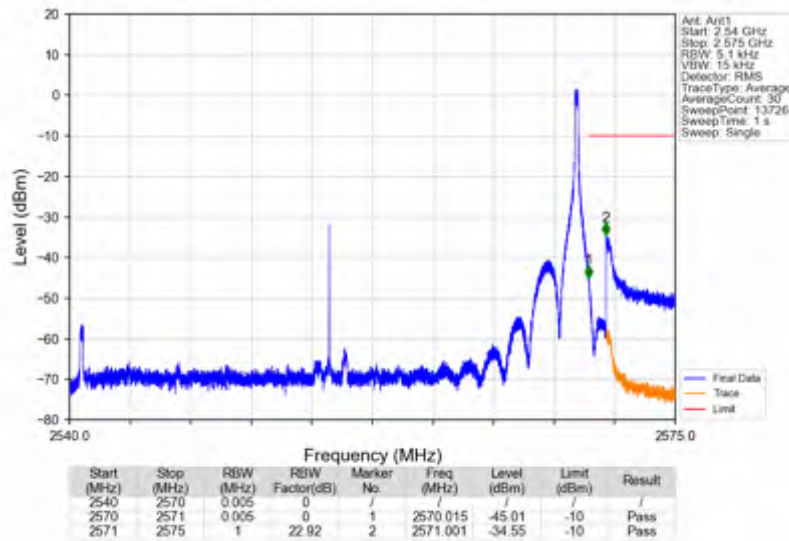
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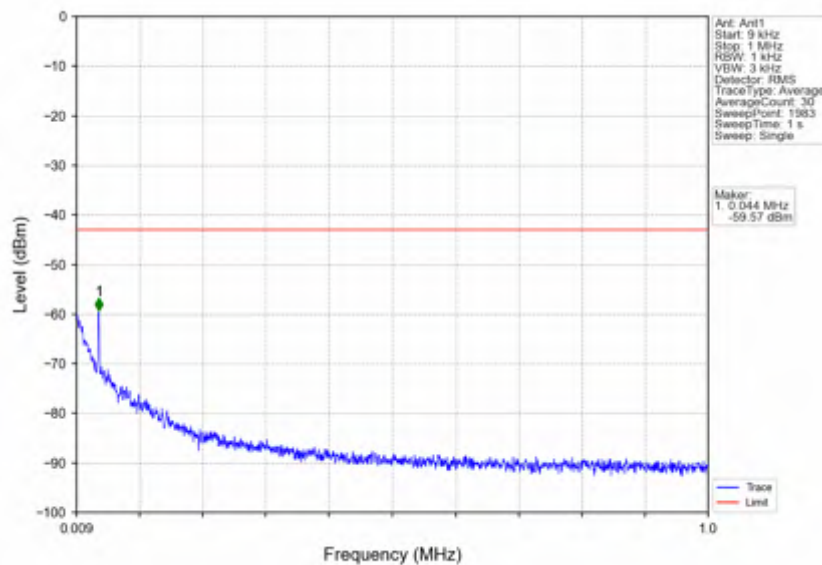
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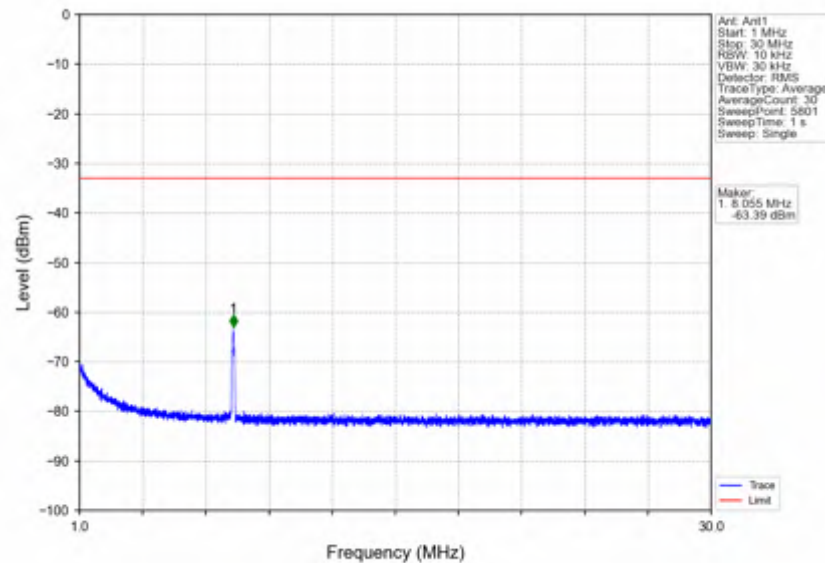
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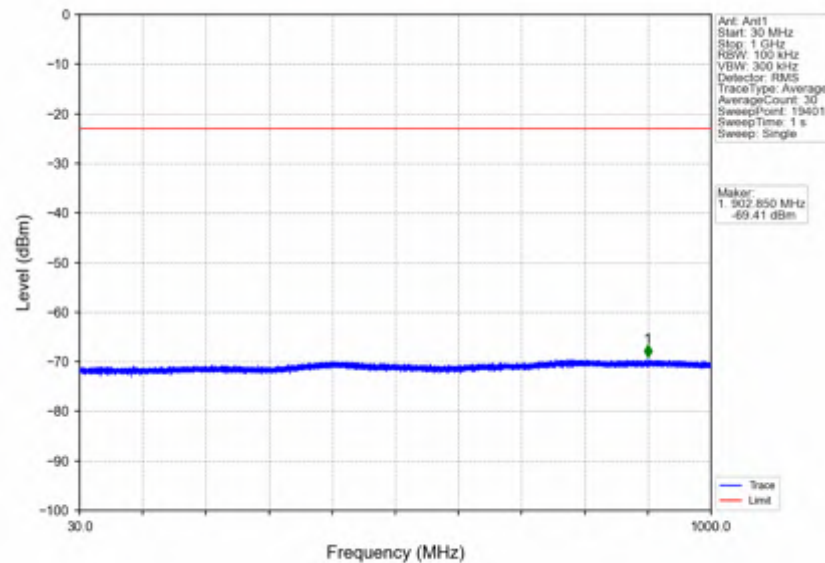
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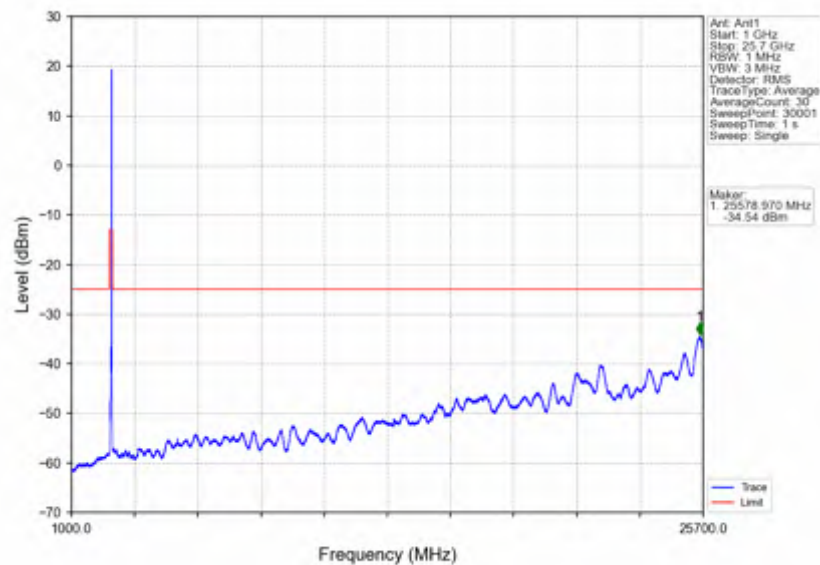
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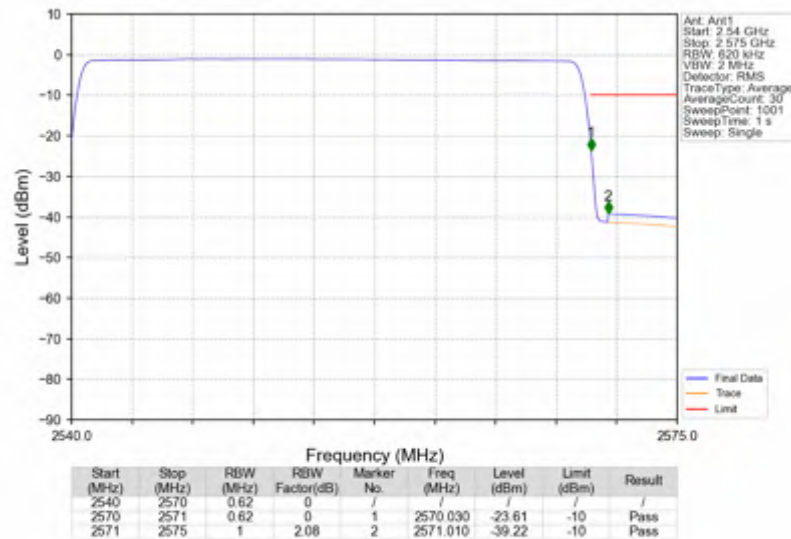
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n7_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2555MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2555MHz_Outer_Full



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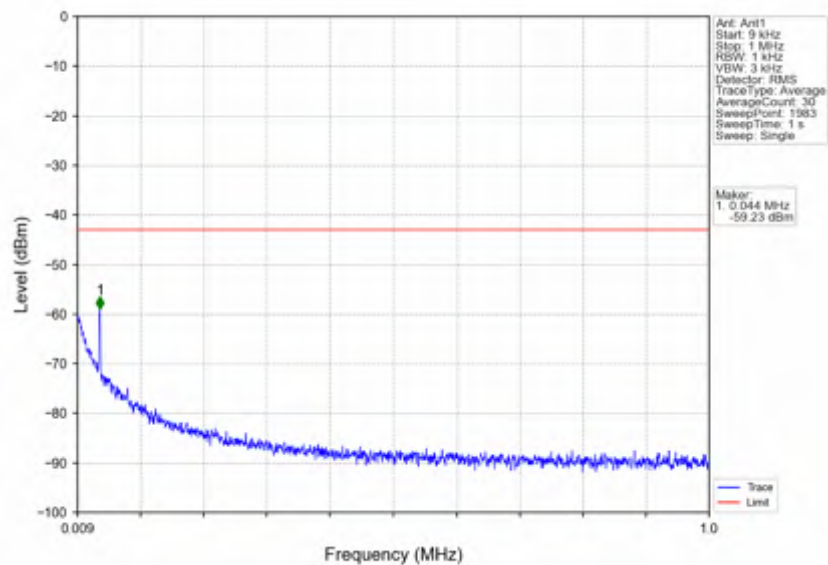
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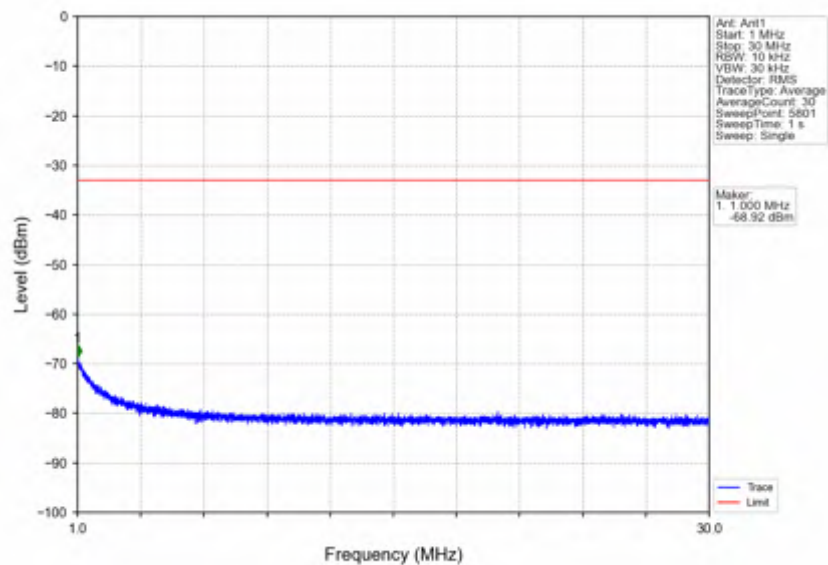
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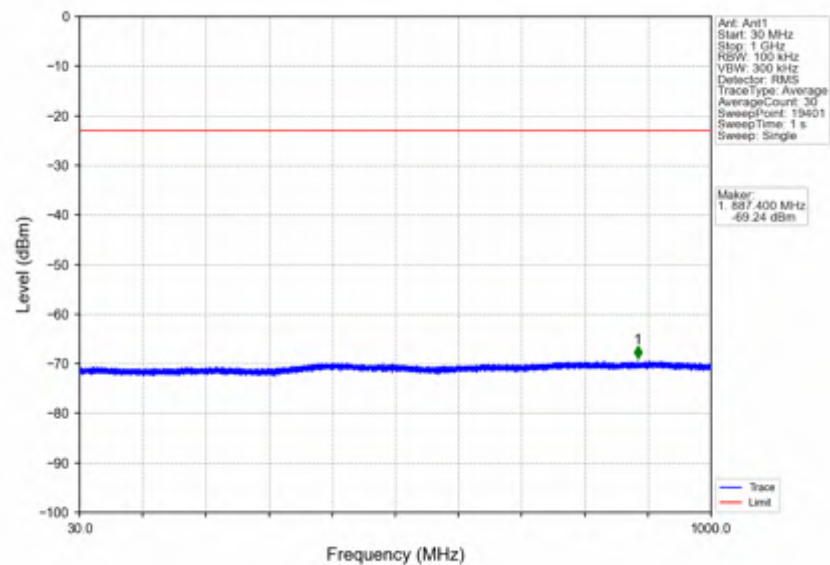


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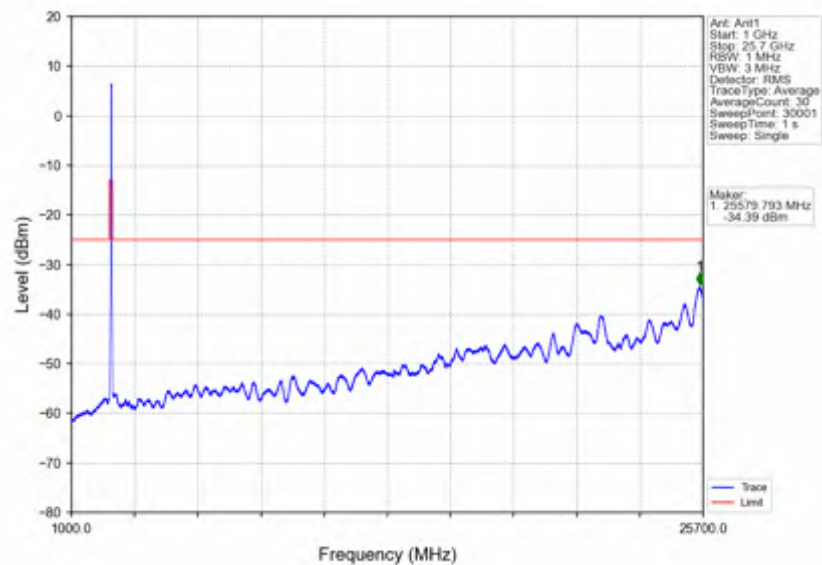
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n7 15kHz SISO NTV 30MHz CP-OFDM QPSK 2555MHz Outer Full



n7_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2555MHz_Outer_Full

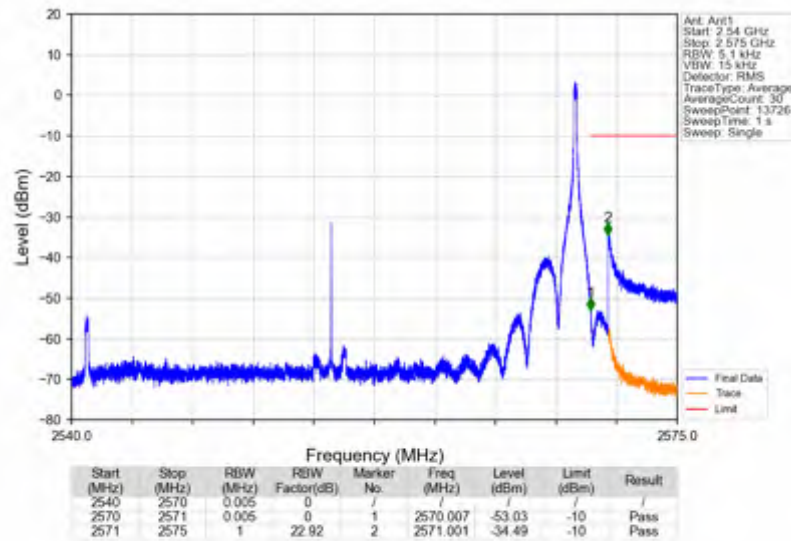


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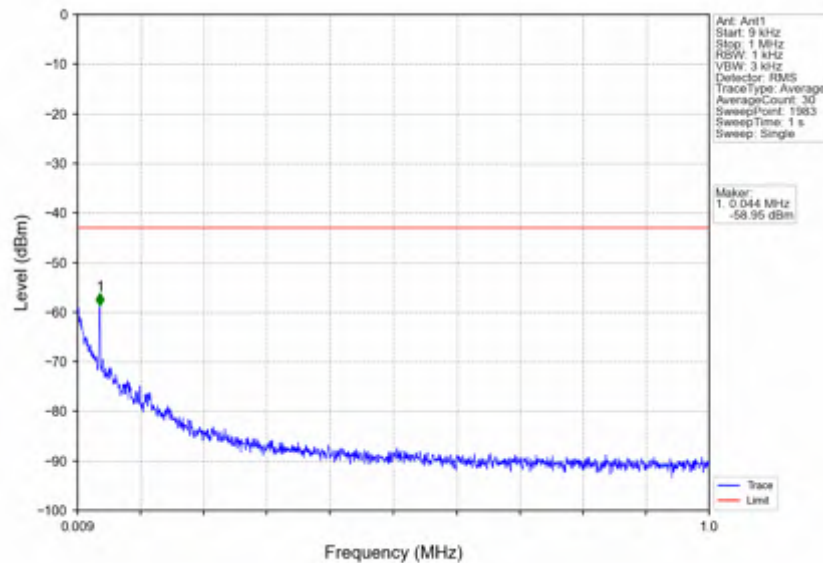
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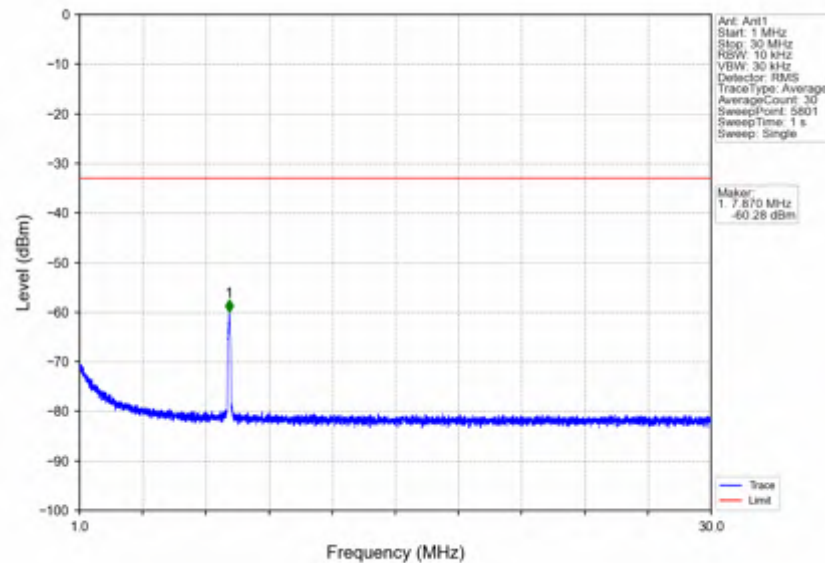
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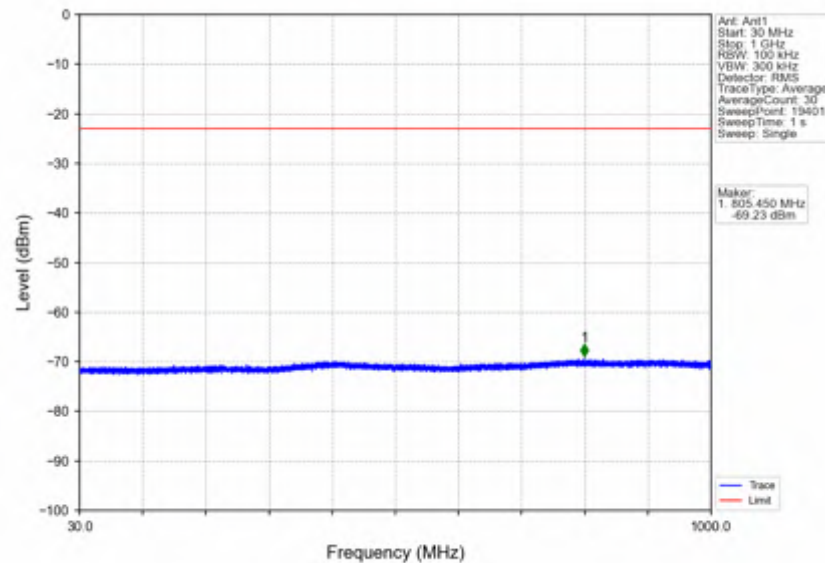
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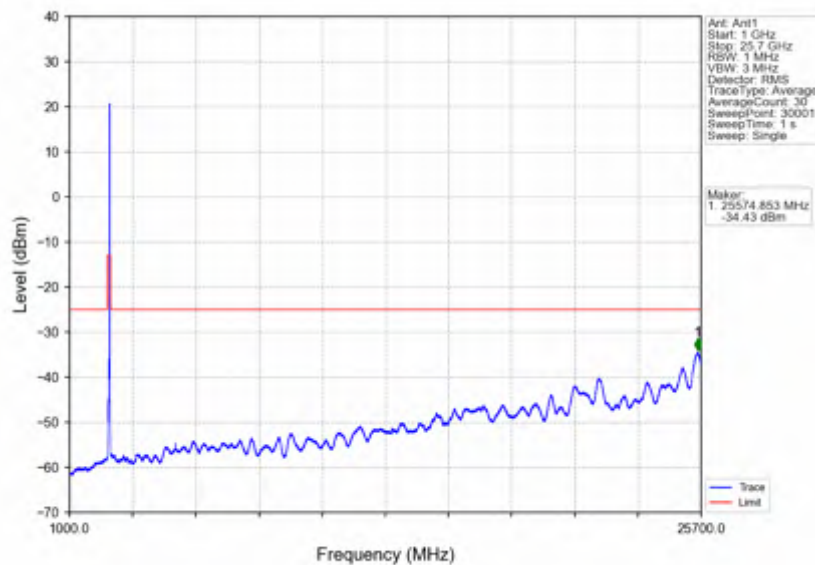
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3.7 15k_SISO_40MHz_NTNV

3.7.1 Test Result

5G NR n7 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2520	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	2520	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2535	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	2520	Edge 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Outer Full	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	2550	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2550	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass



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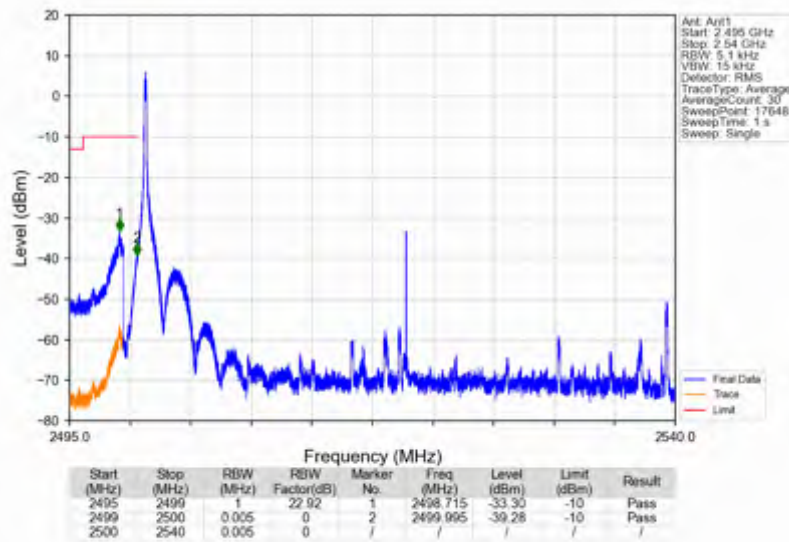
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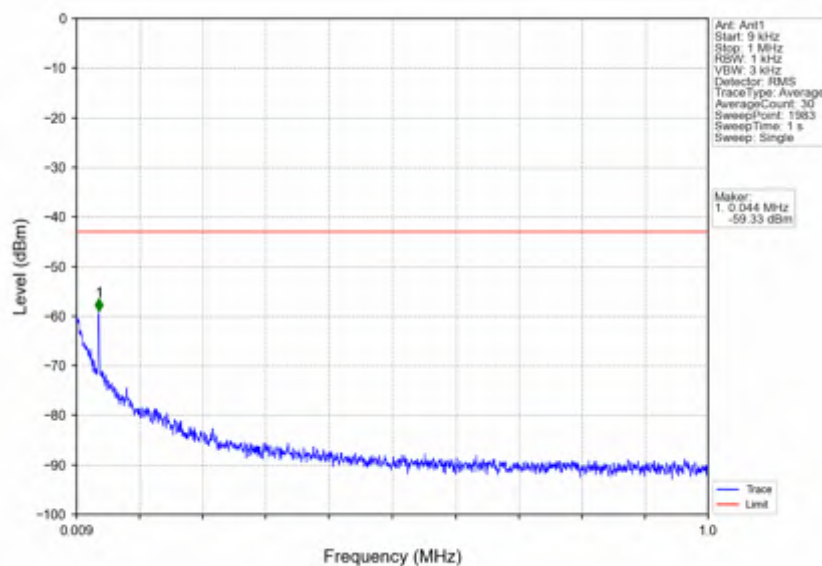
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3.7.2 Test Graph

n7 15kHz SISO NTNv 40MHz DFT-s-OFDM PI/2 BPSK 2520MHz Edge 1RB Left



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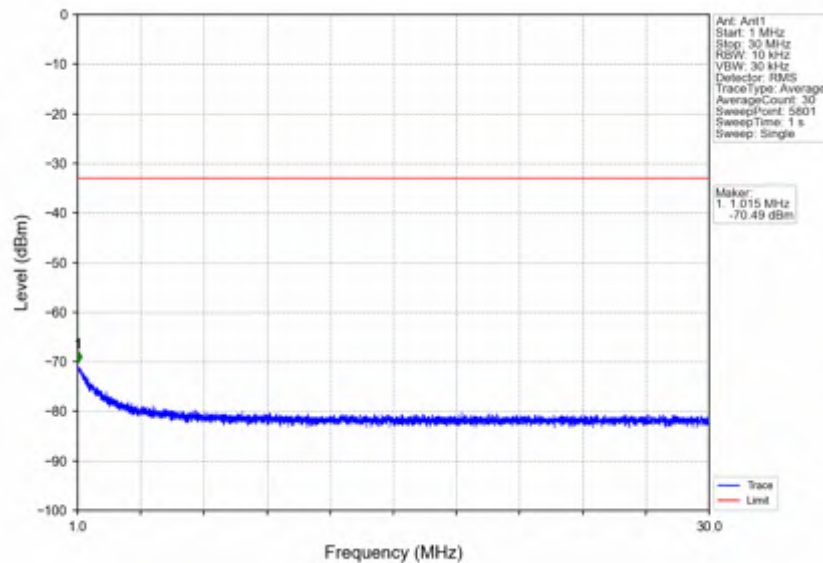


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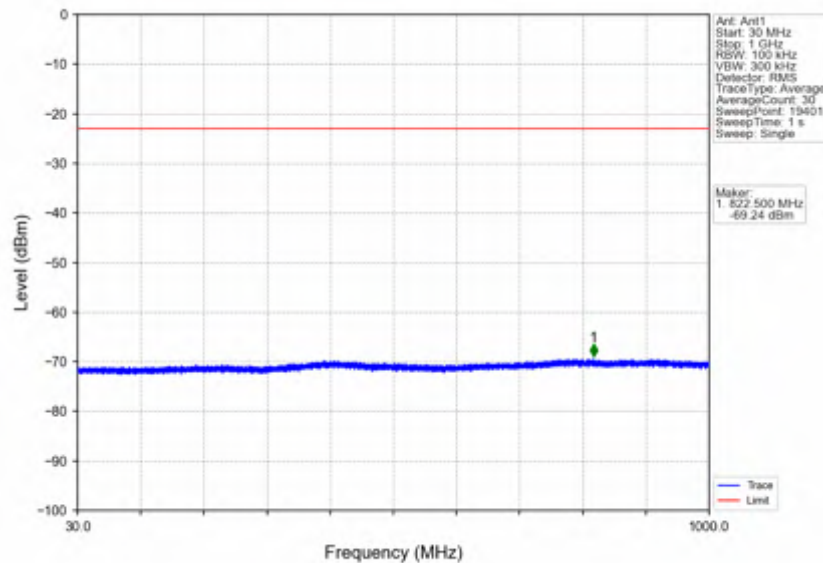
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2520MHz_Edge_1RB_Left



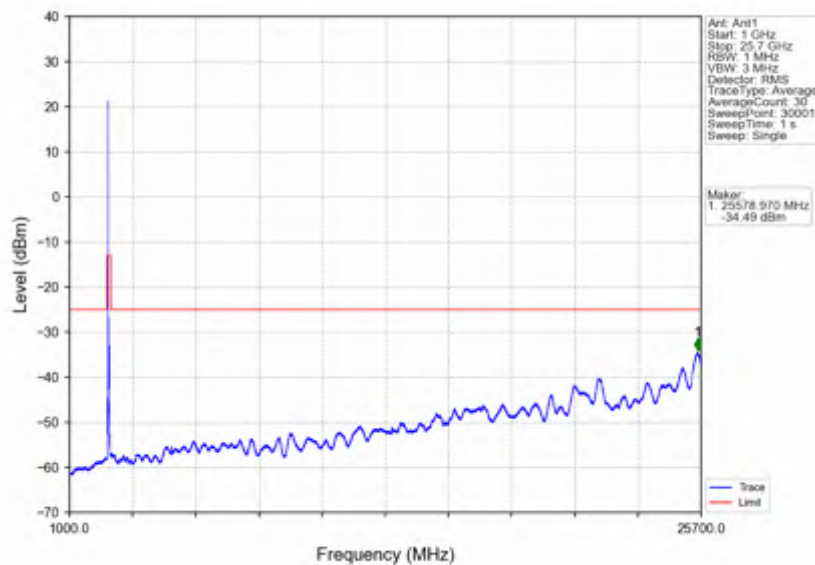
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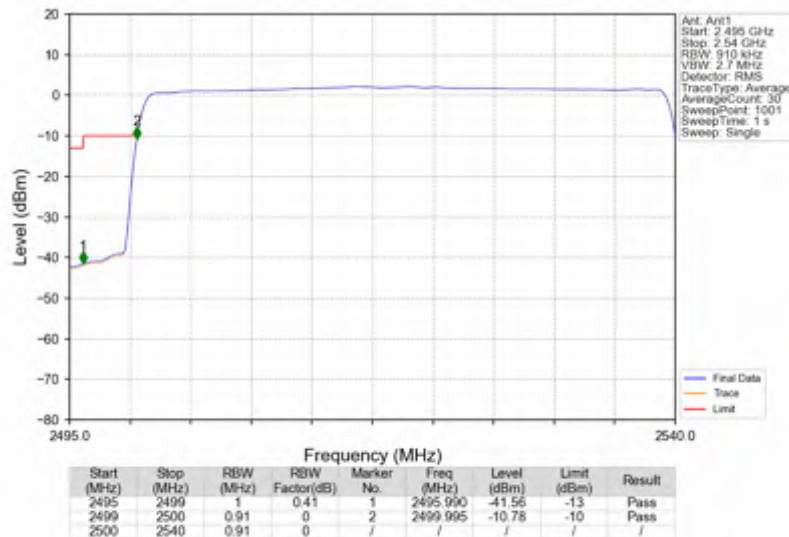
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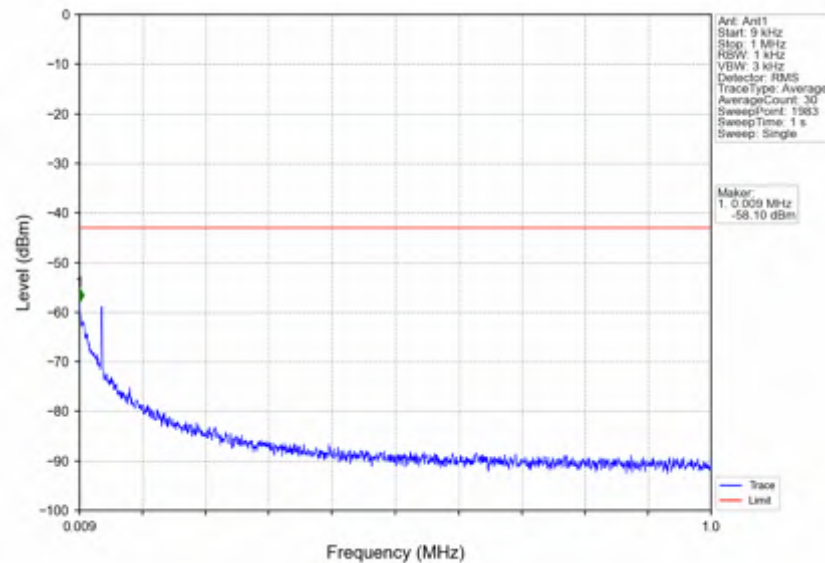
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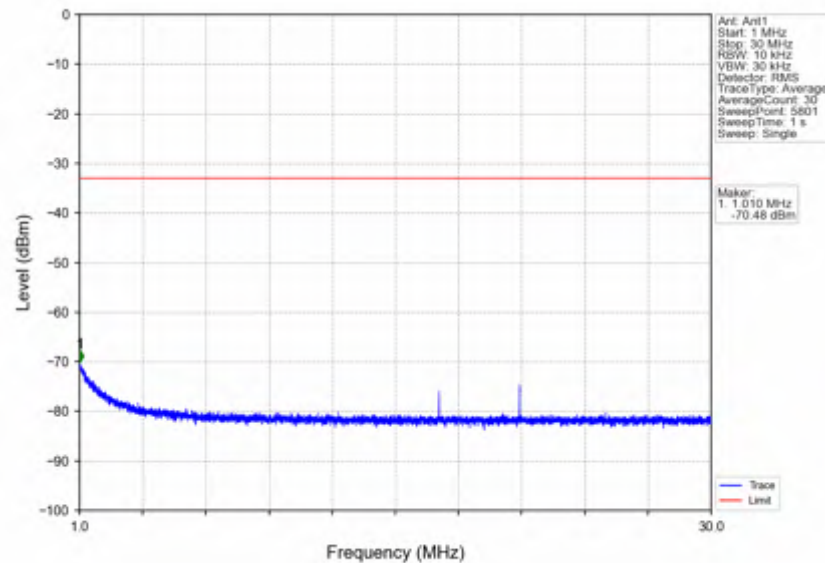
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2520MHz_Outer_Full



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2520MHz_Outer_Full

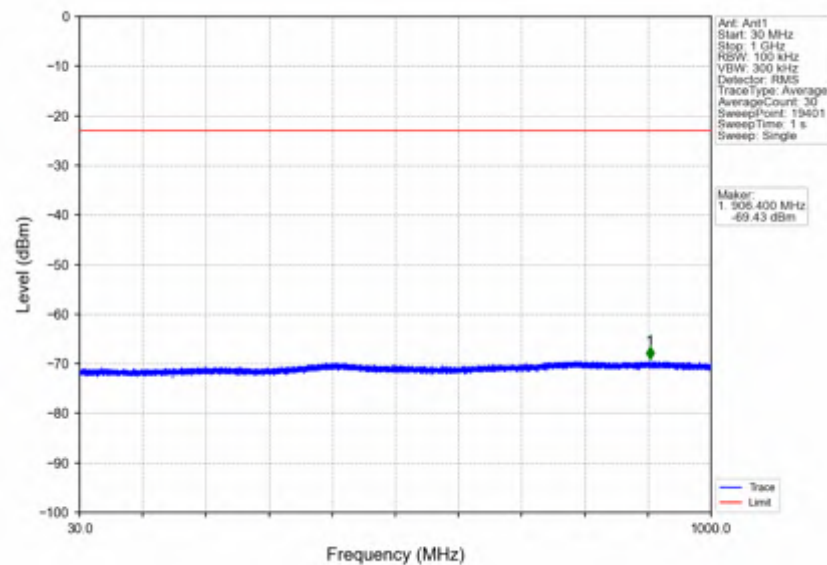


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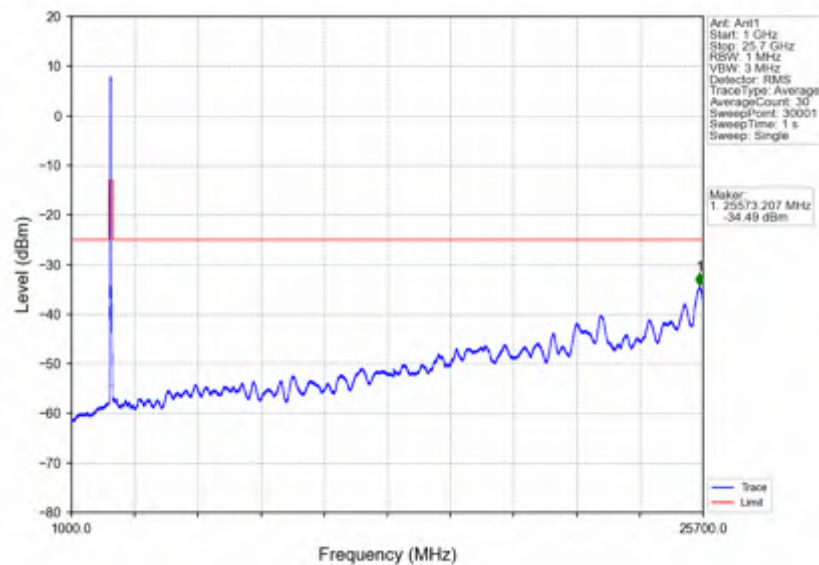
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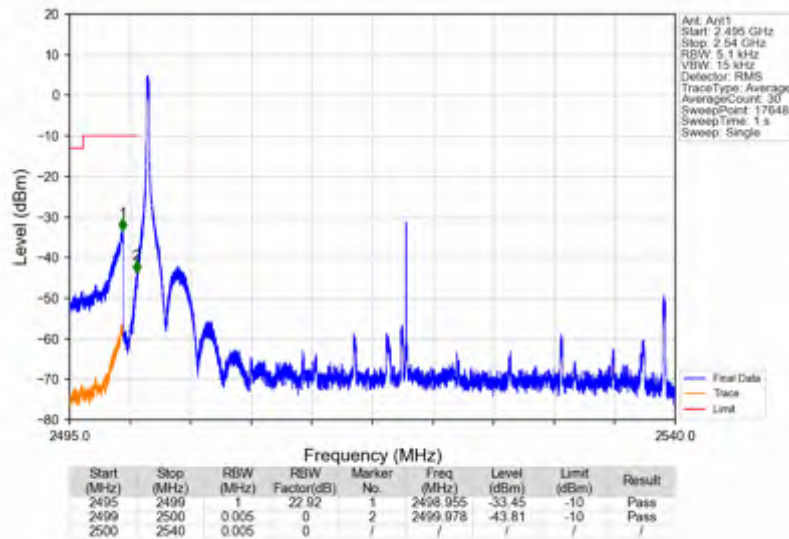


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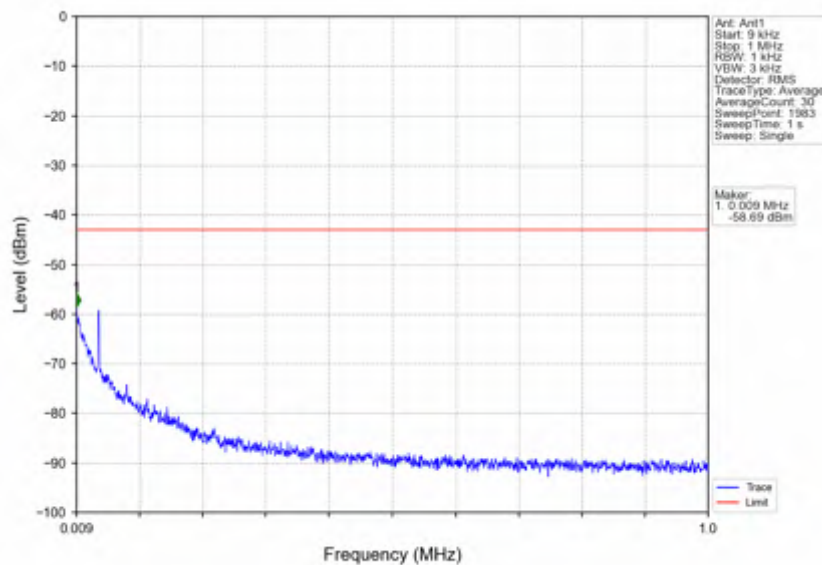
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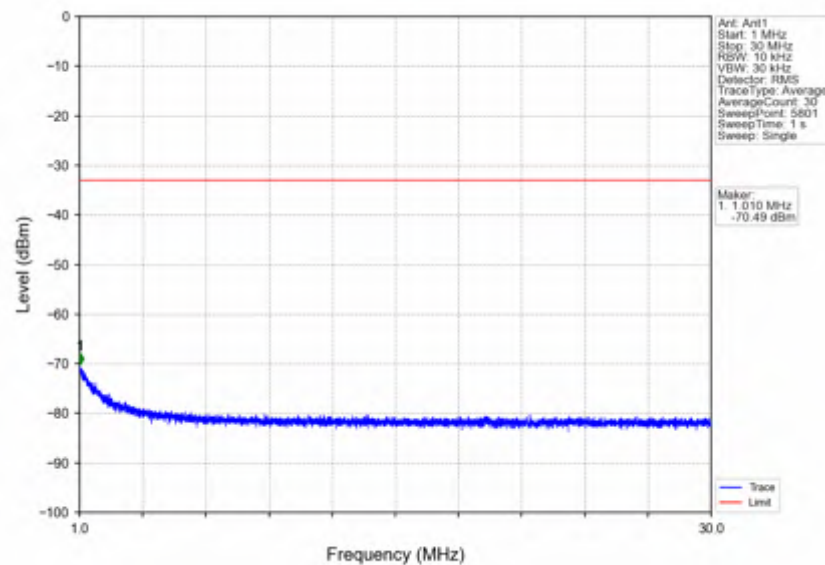


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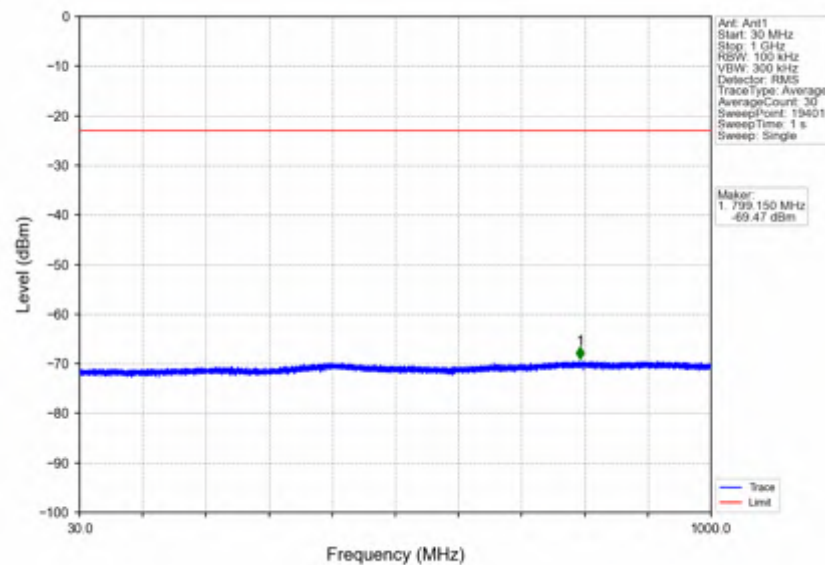
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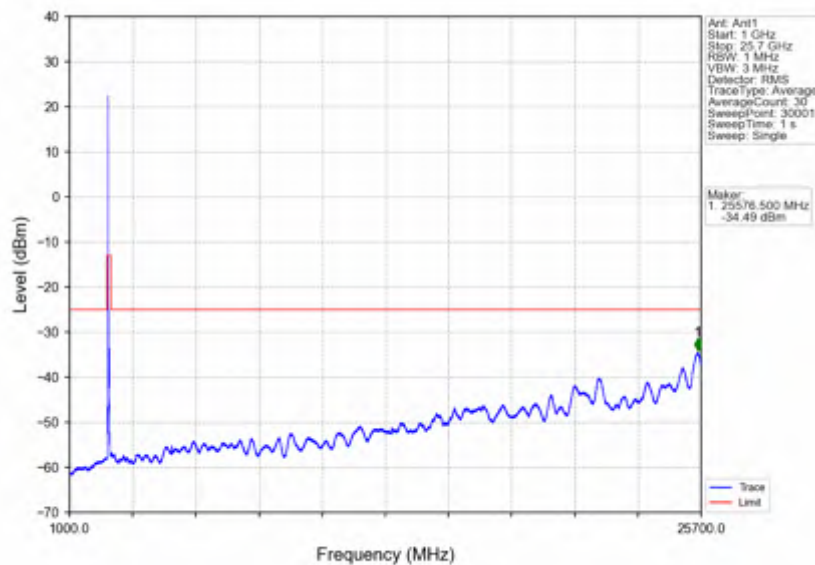
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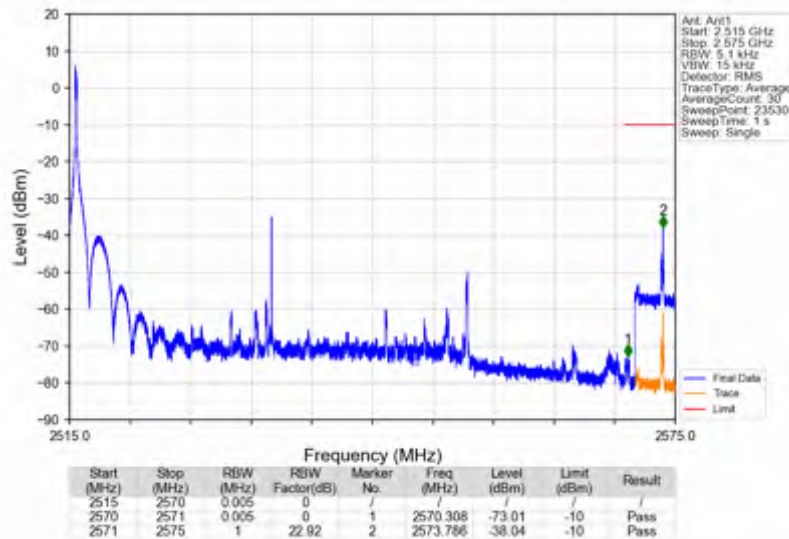
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



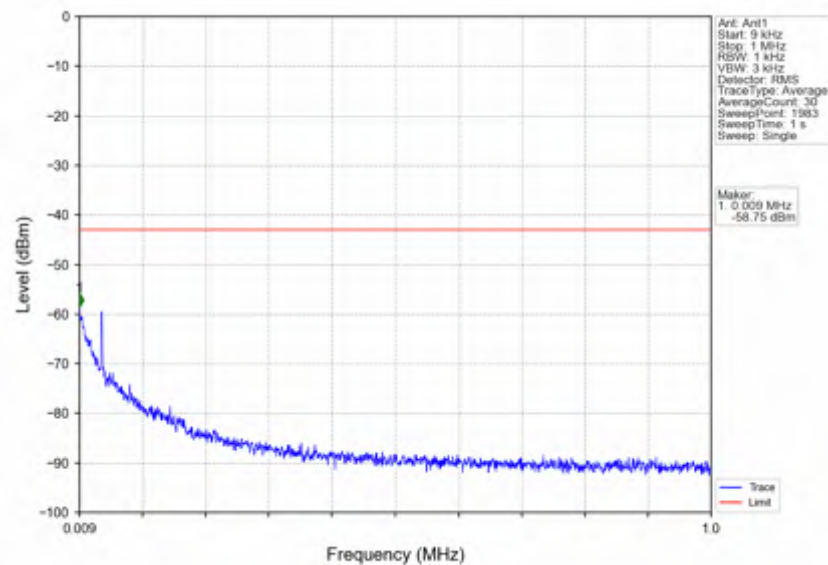
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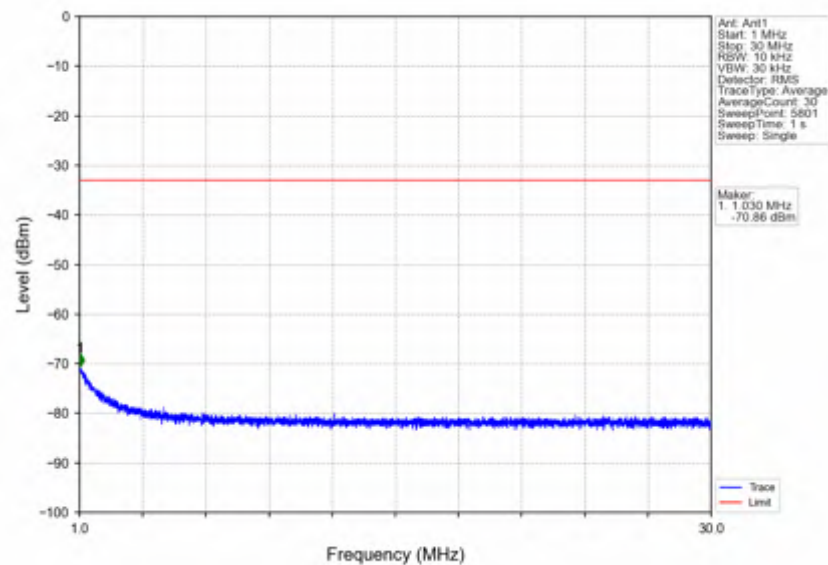
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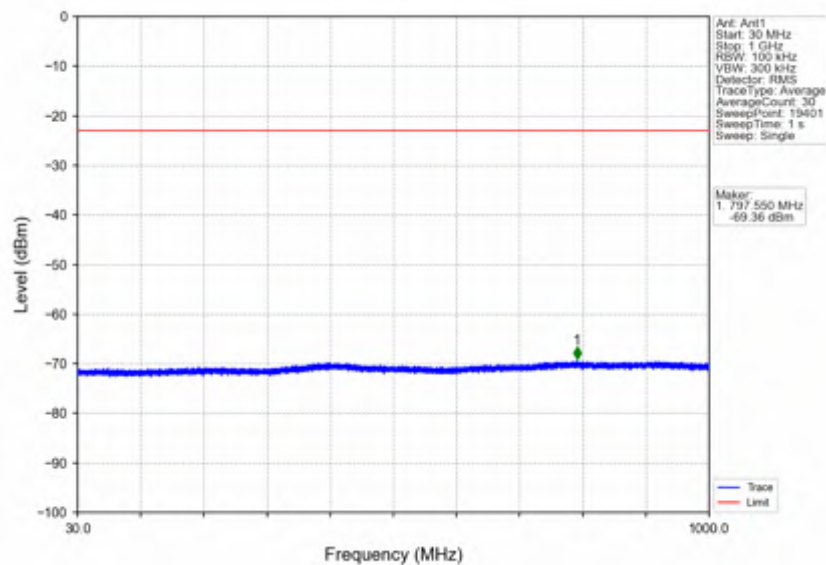


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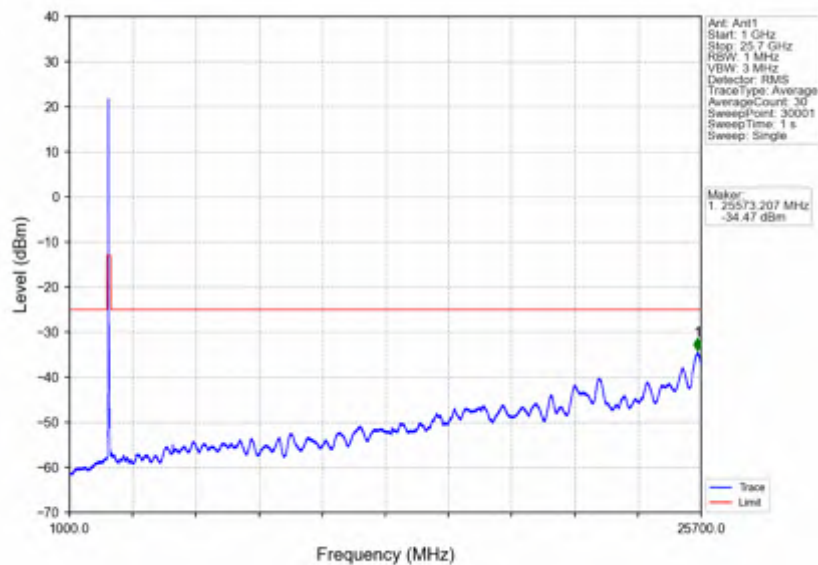
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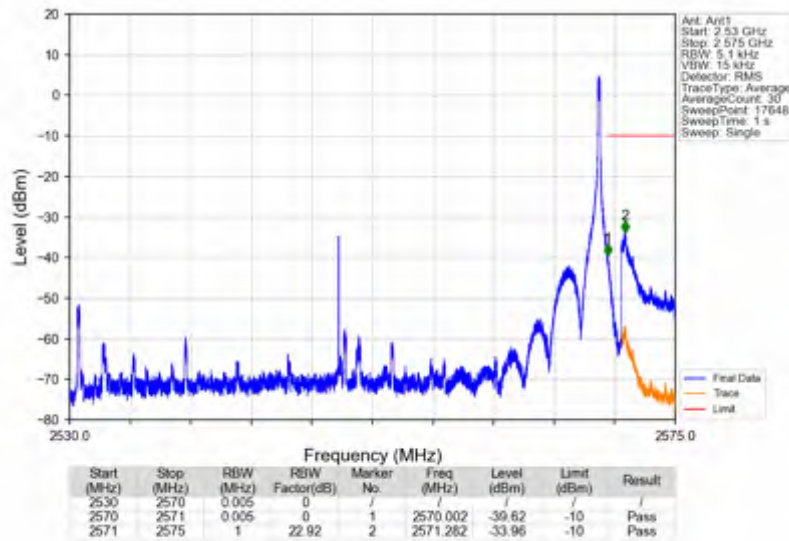


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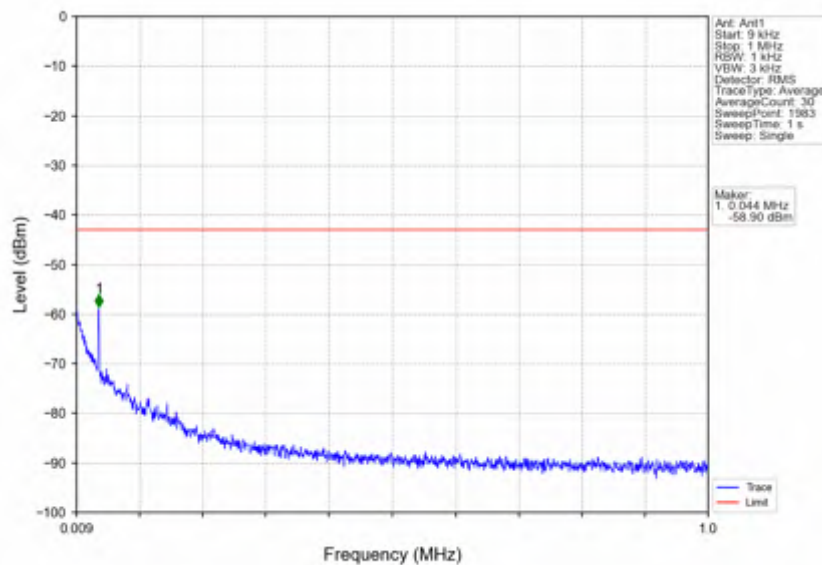
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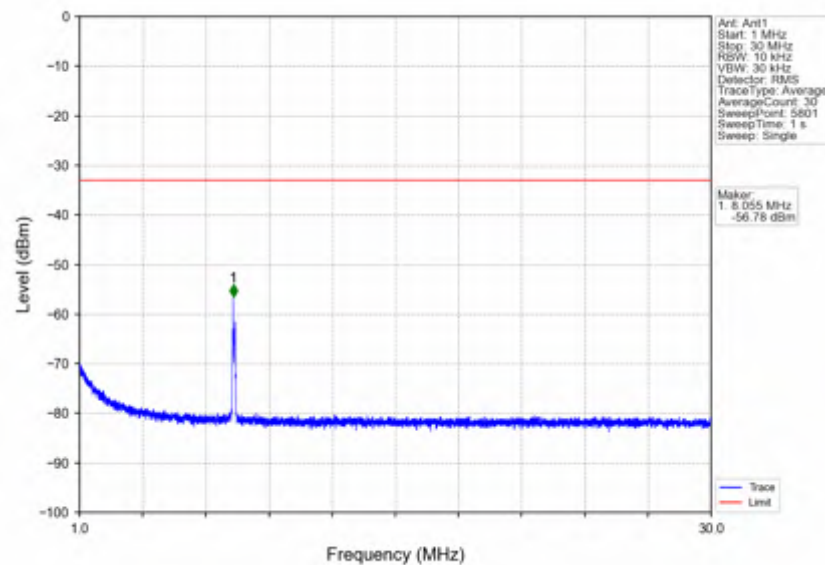
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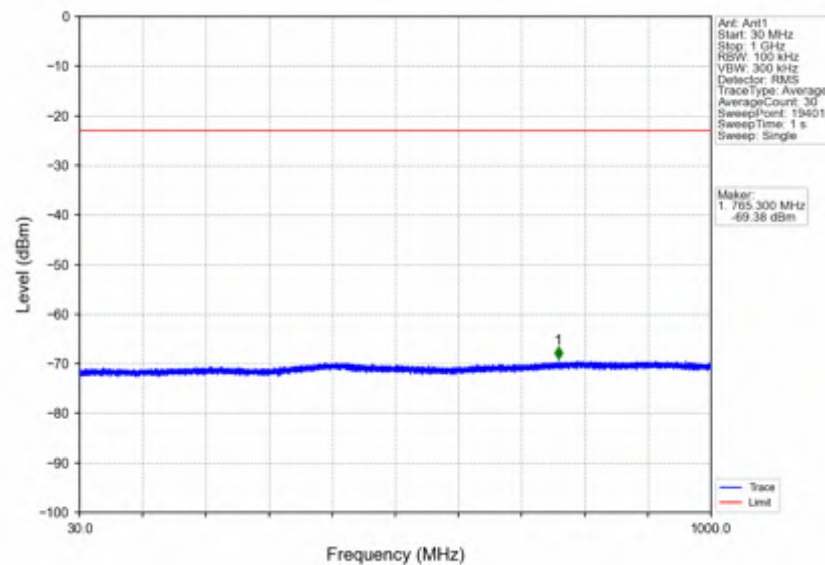
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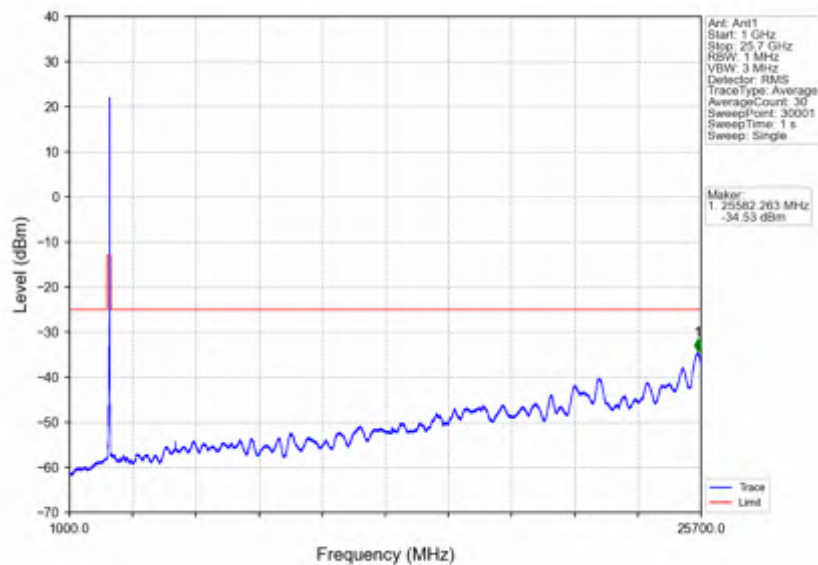
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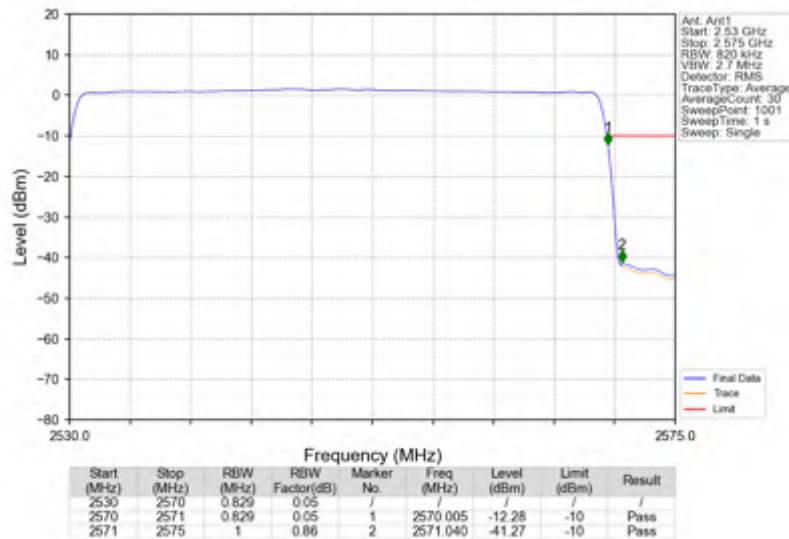
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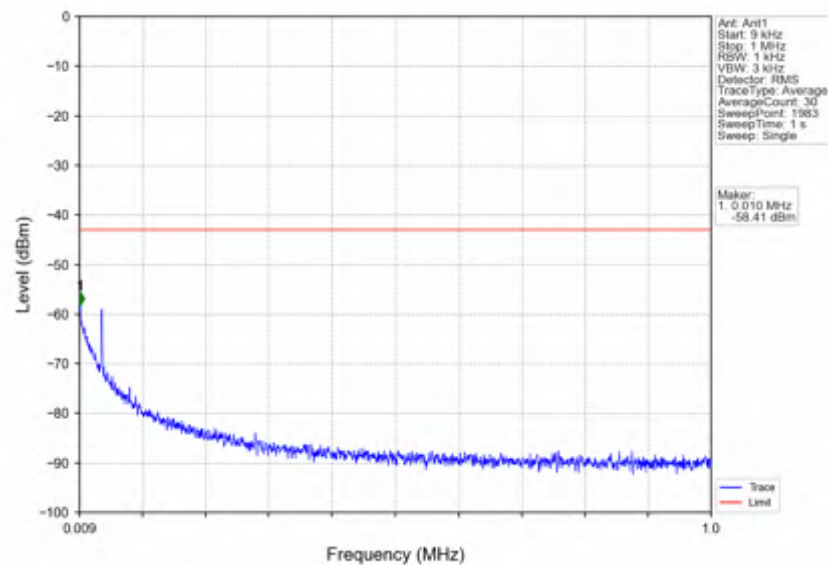
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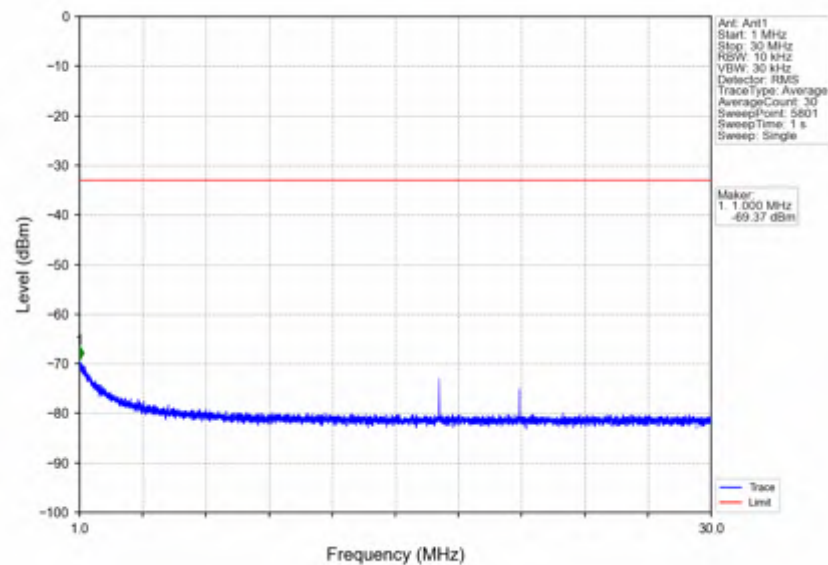
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2550MHz_Outer_Full



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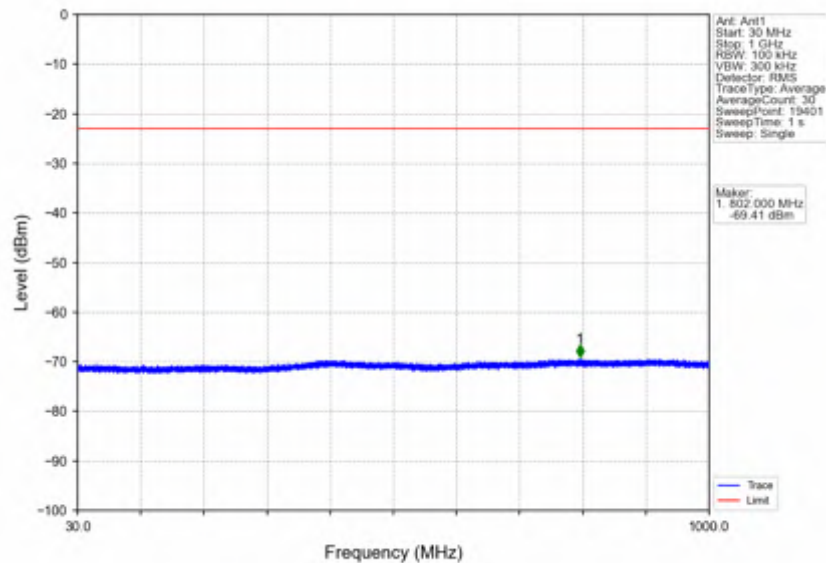


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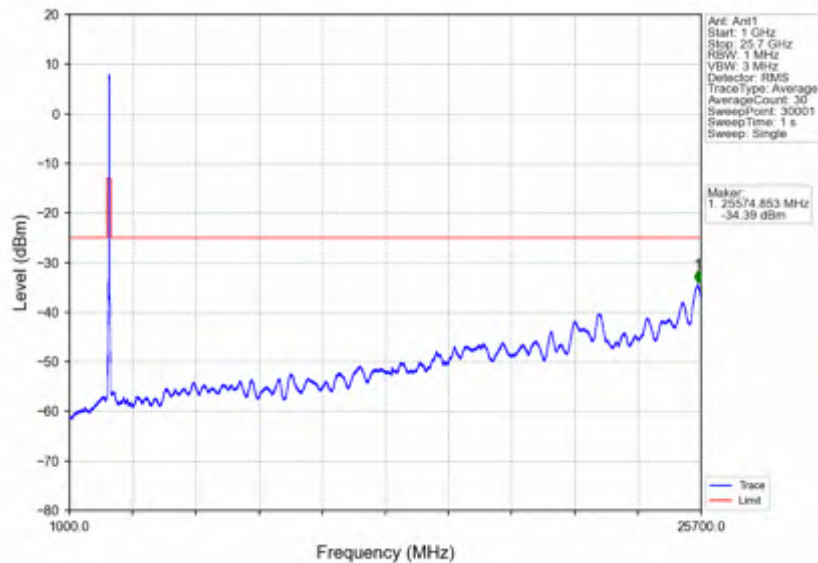
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2550MHz_Outer_Full



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2550MHz_Outer_Full



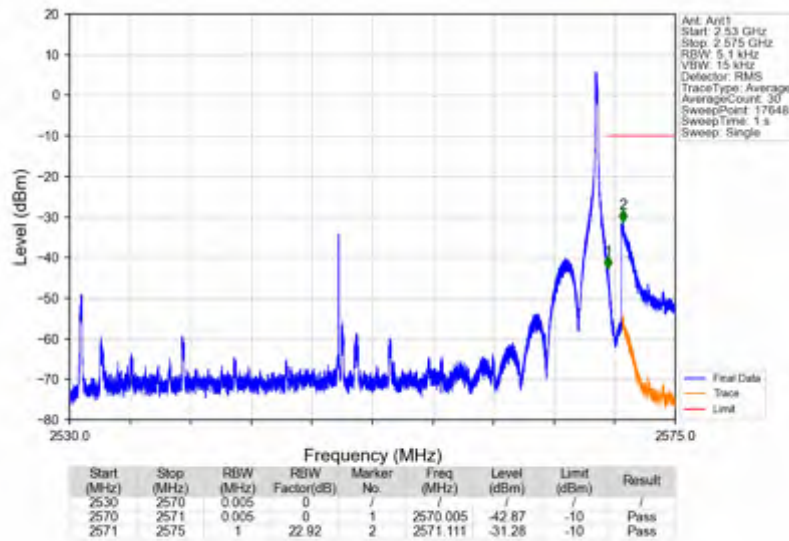
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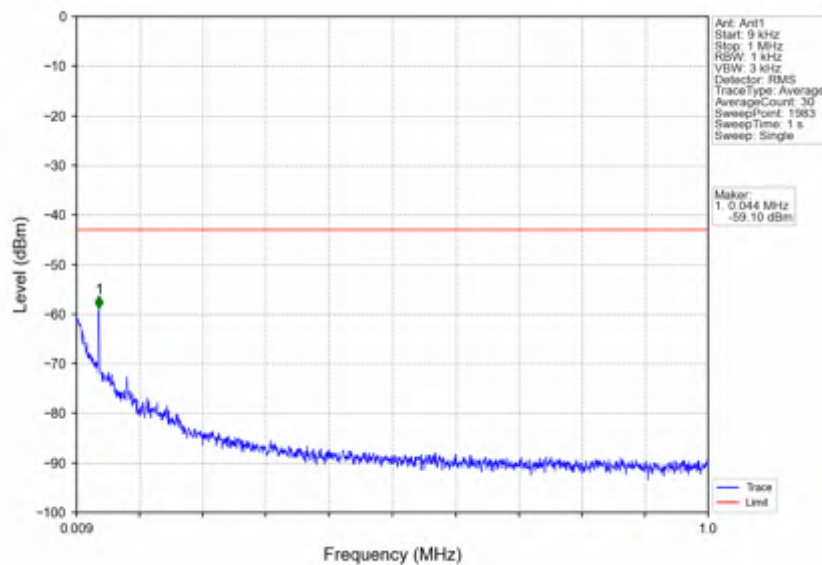
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2550MHz_Inner_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2550MHz_Inner_1RB_Right

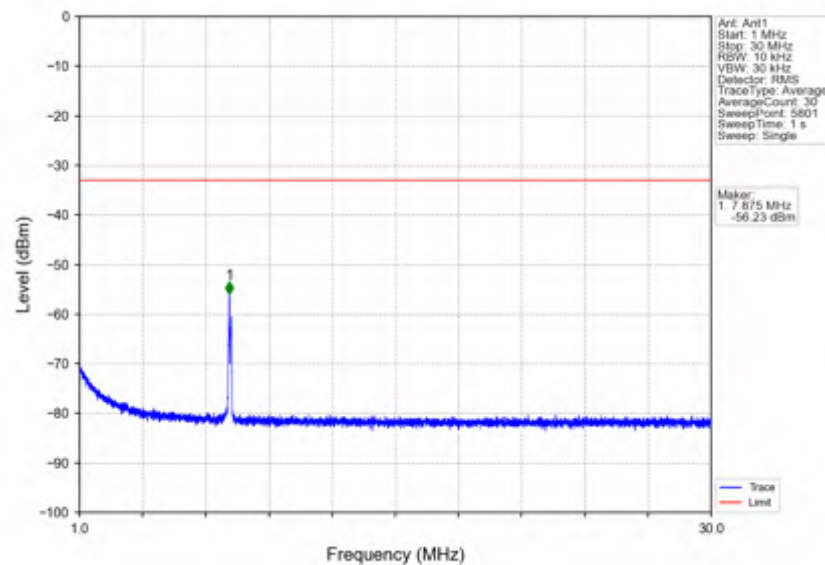


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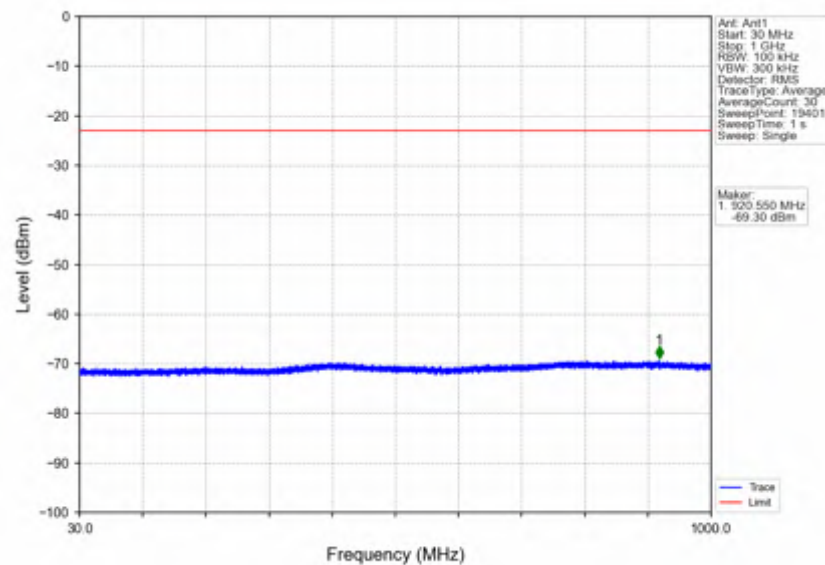
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2550MHz_Inner_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2550MHz_Inner_1RB_Right



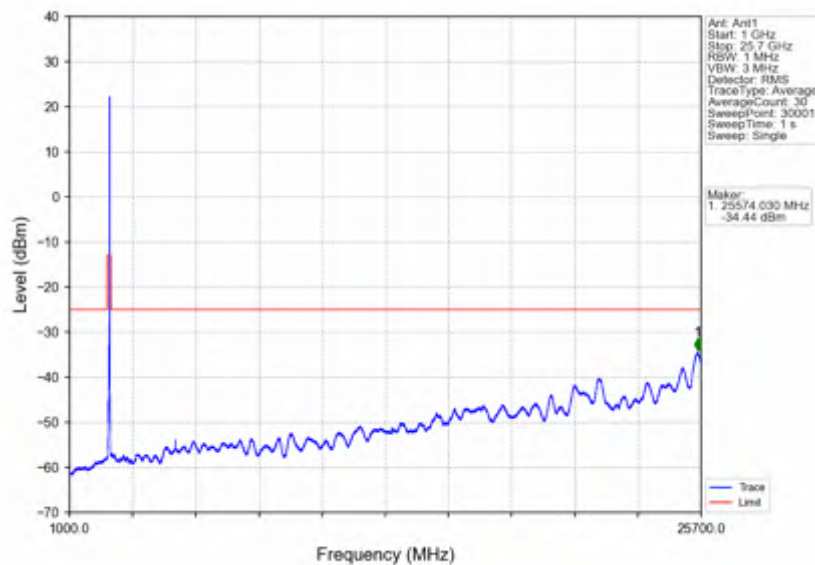
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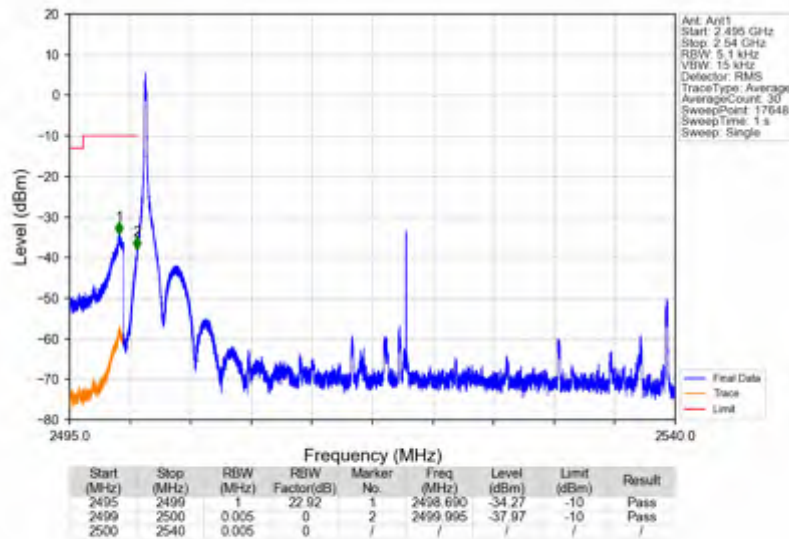
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2550MHz_Inner_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2520MHz_Edge_1RB_Left



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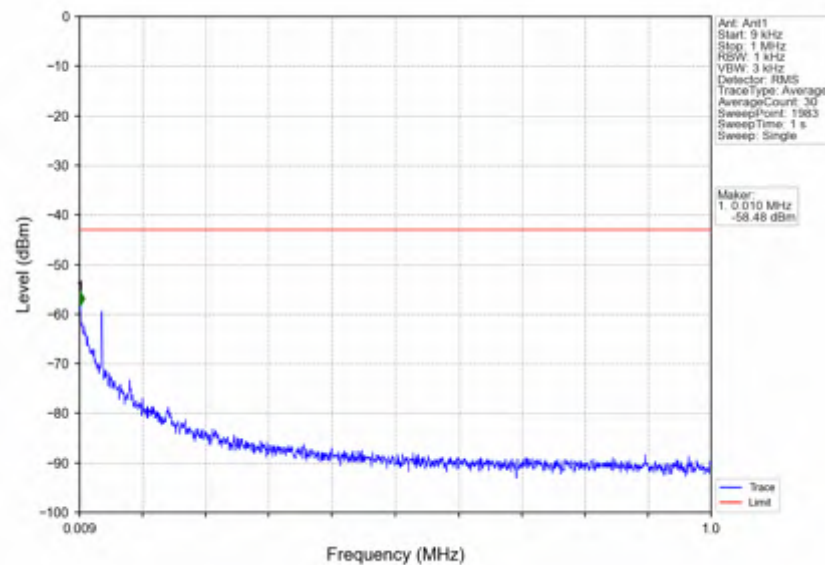
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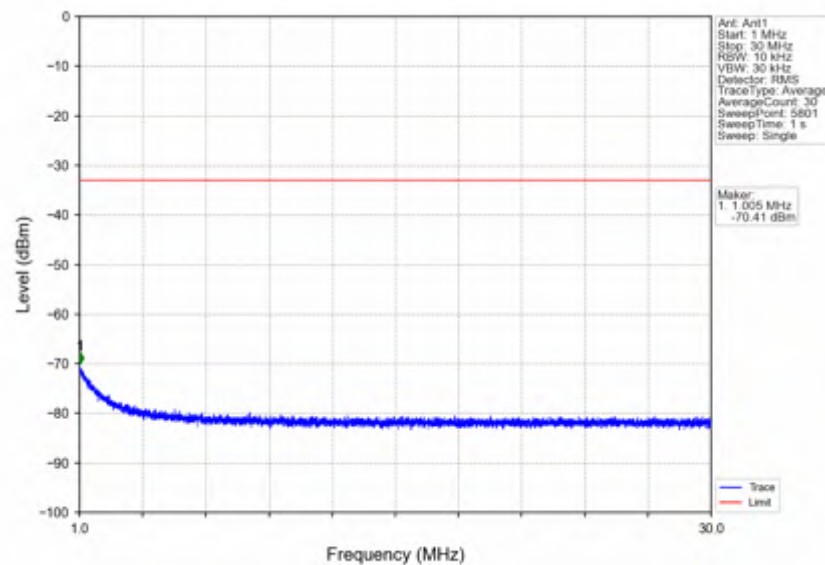
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2520MHz_Edge_1RB_Left



n7	15kHz	SISO	NTNV	40MHz	DFT-s-OFDM	QPSK	2520MHz	Edge	1RB	Left
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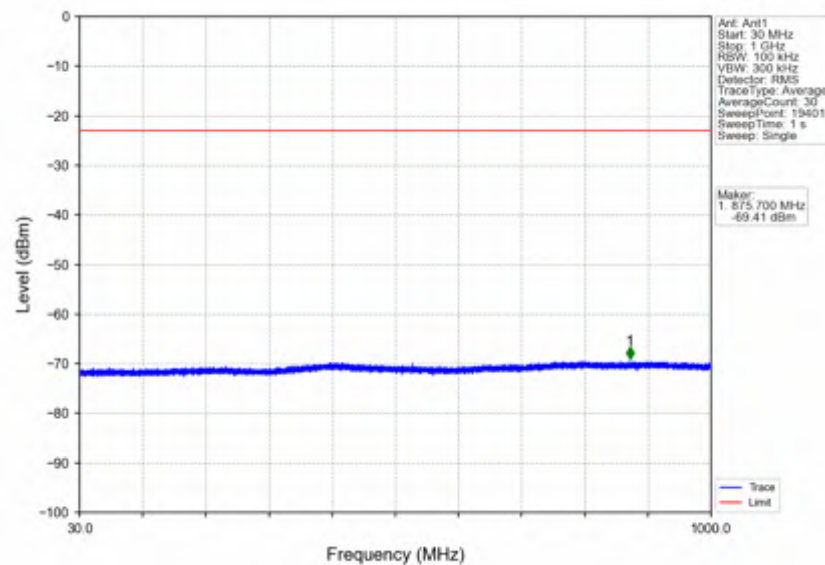


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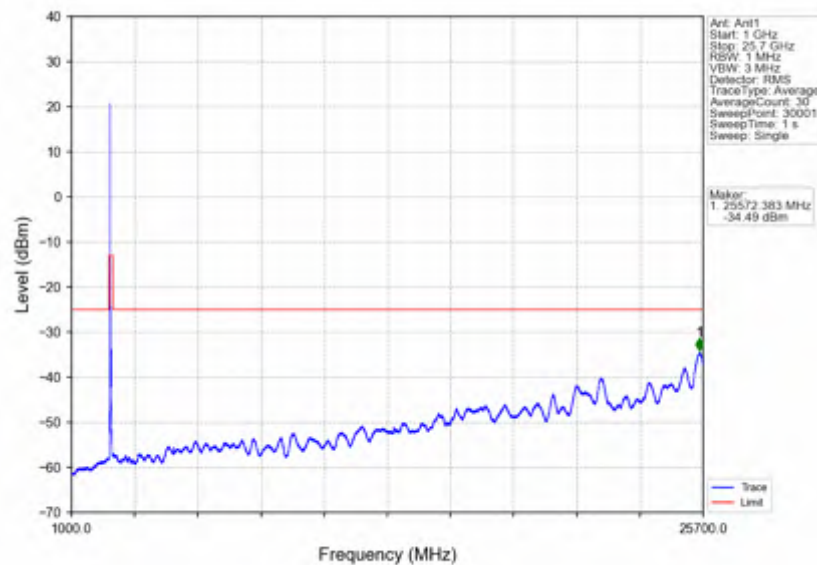
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2520MHz_Edge_1RB_Left



n7 15kHz SISO NTN 40MHz DFT-s-OFDM QPSK 2520MHz Edge 1RB Left

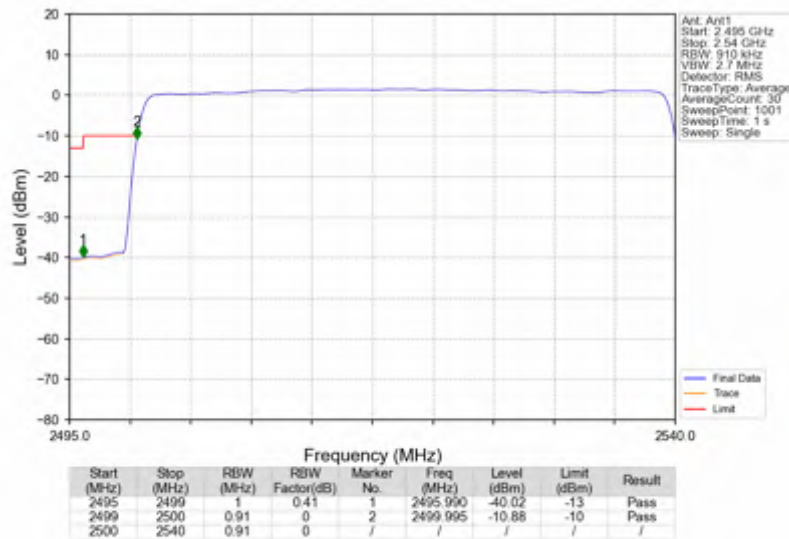


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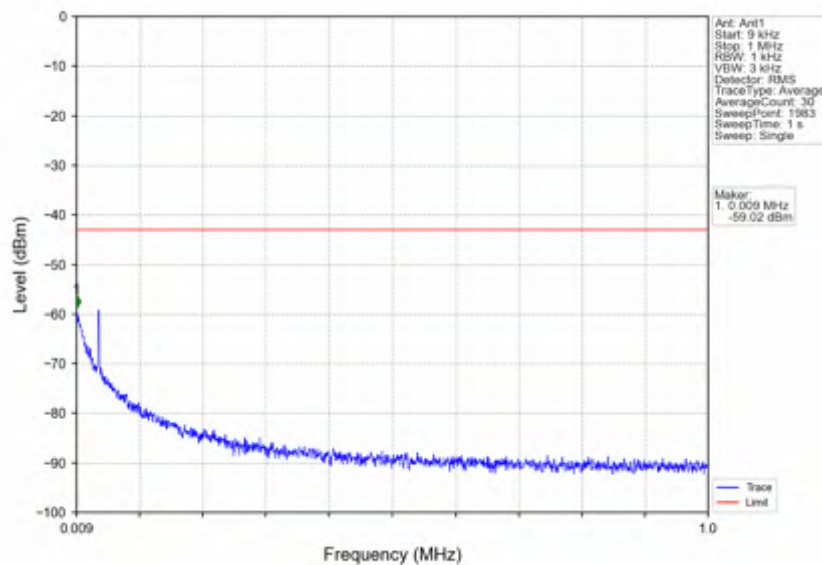
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n7 15kHz SISO NTNv 40MHz DFT-s-OFDM QPSK 2520MHz Outer Full



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2520MHz_Outer_Full



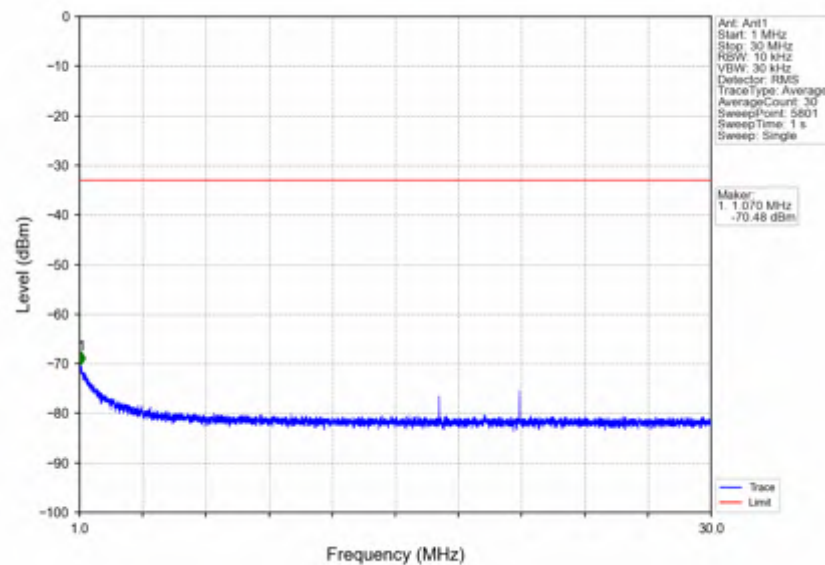
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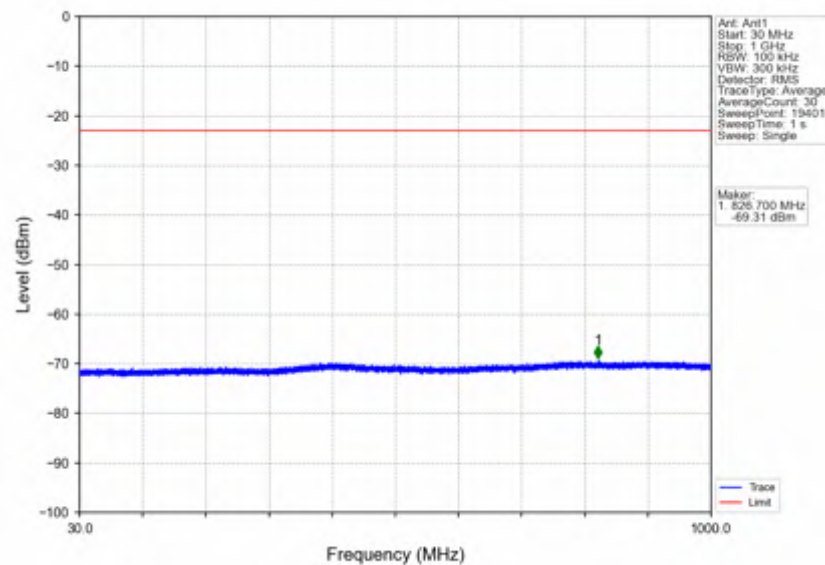
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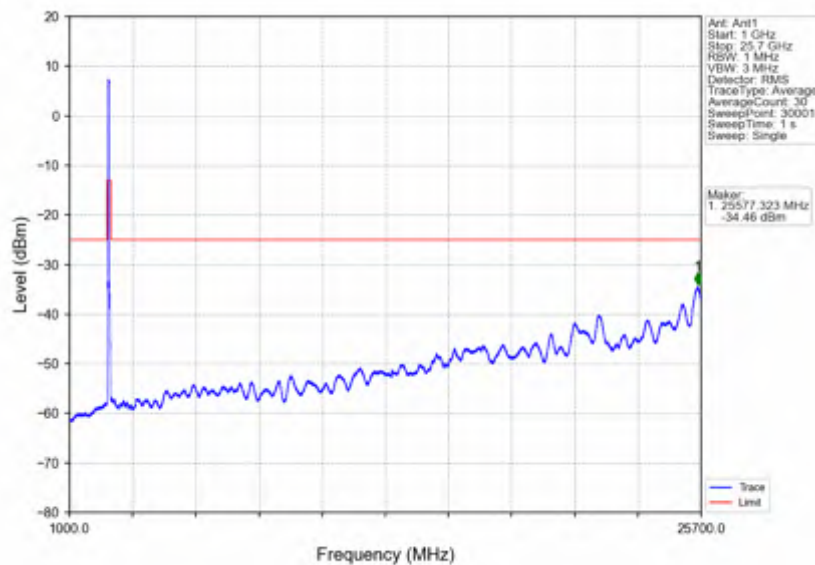
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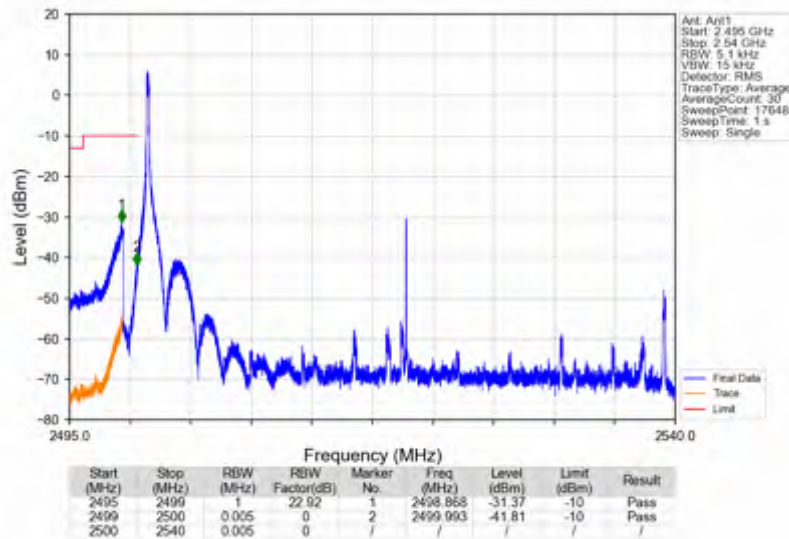
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2520MHz_Inner_1RB_Left



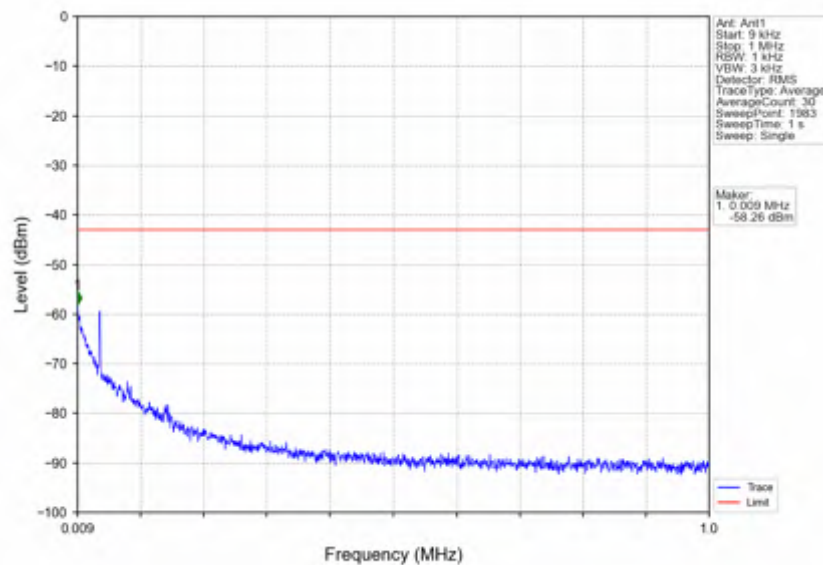
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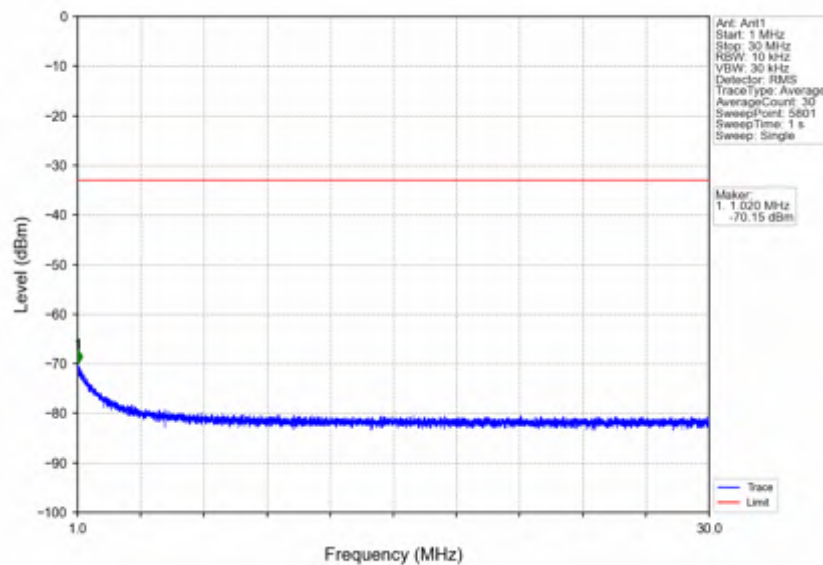
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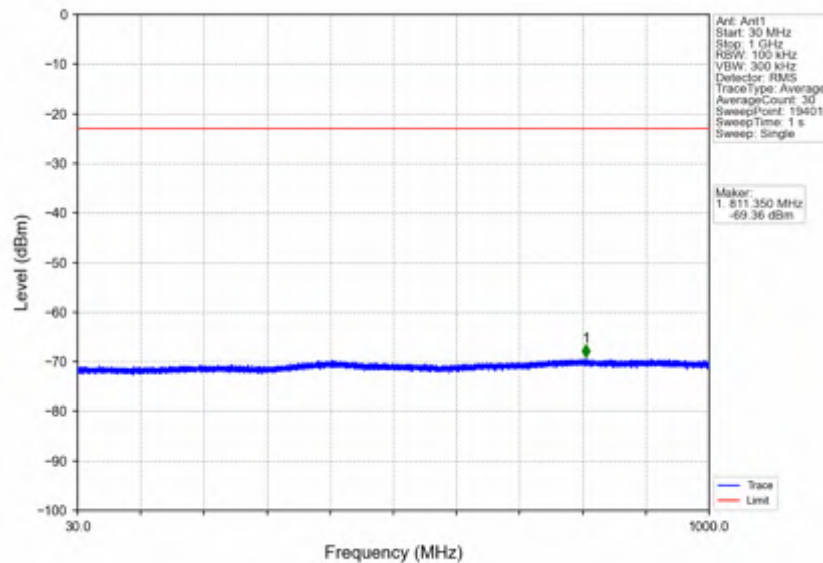
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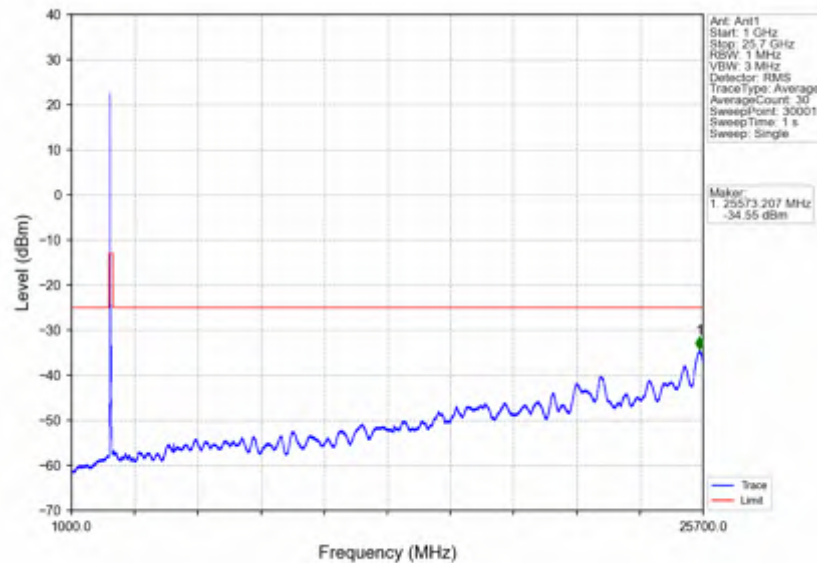
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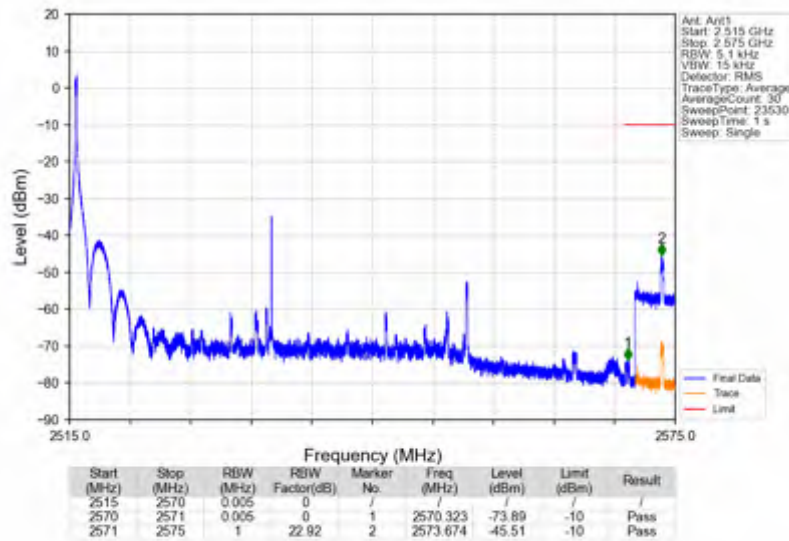
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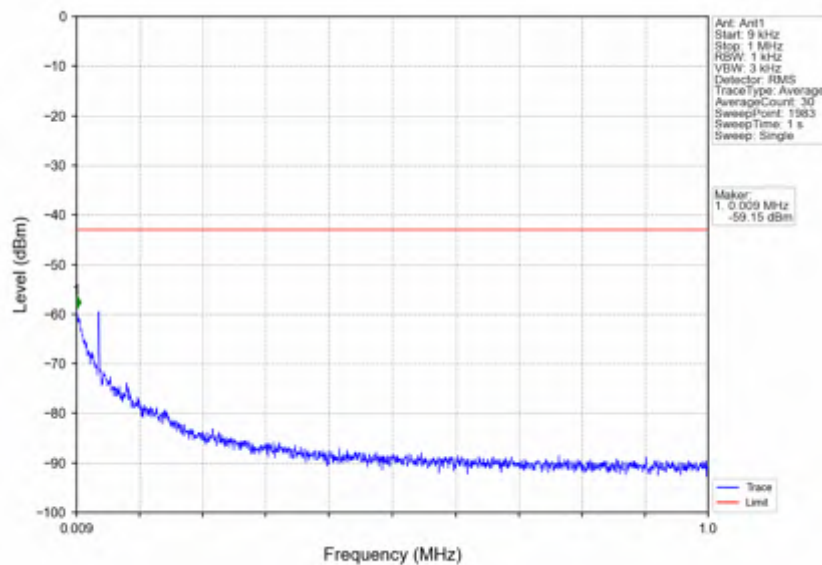
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left



n7	15kHz	SISO	NTNV	40MHz	DFT-s-OFDM	QPSK	2535MHz	Edge	1RB	Left
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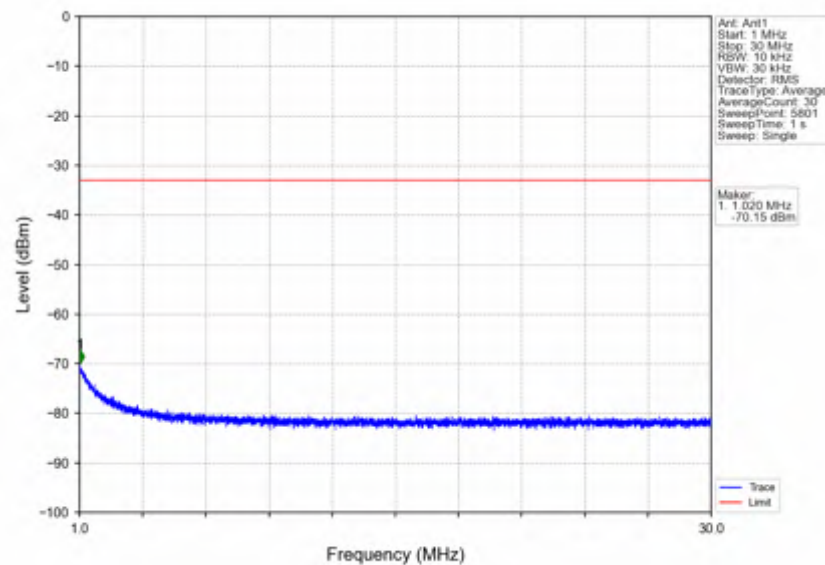


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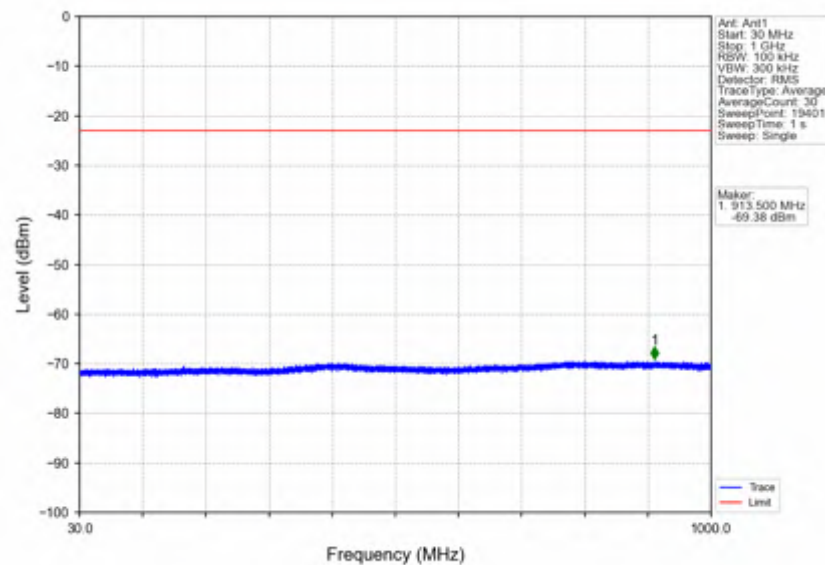
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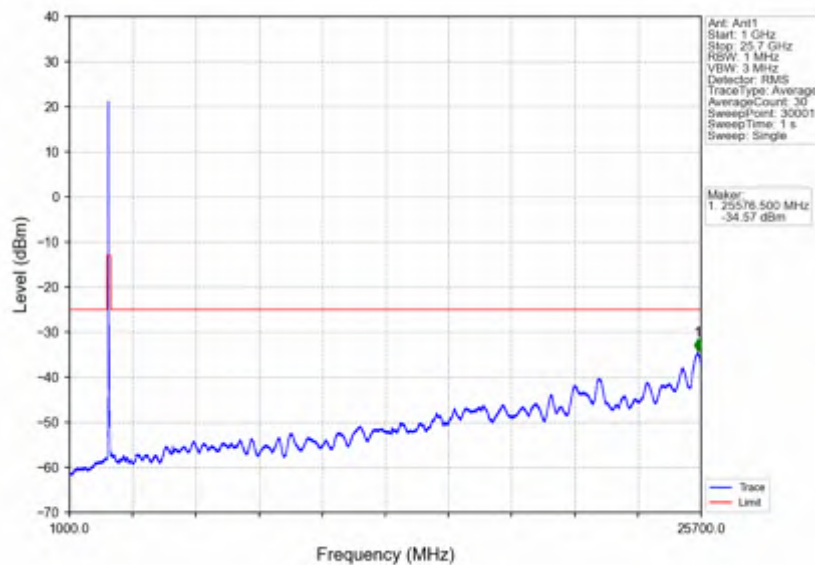
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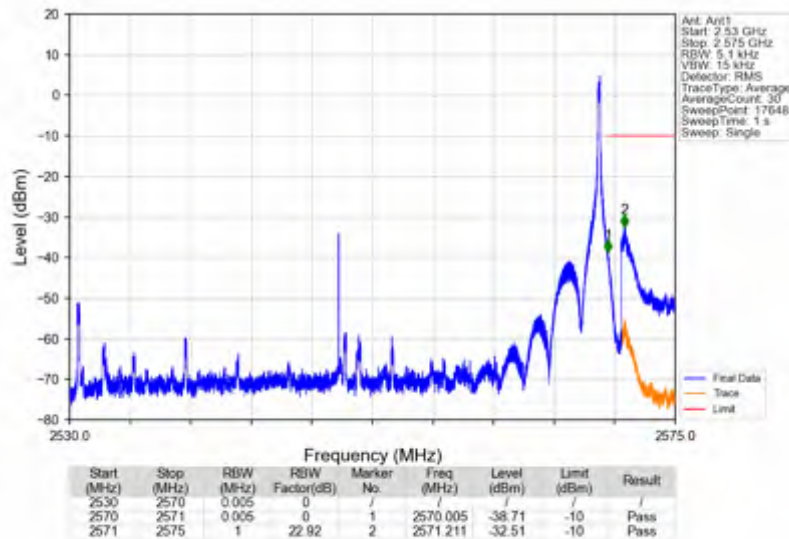
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2550MHz_Edge_1RB_Right



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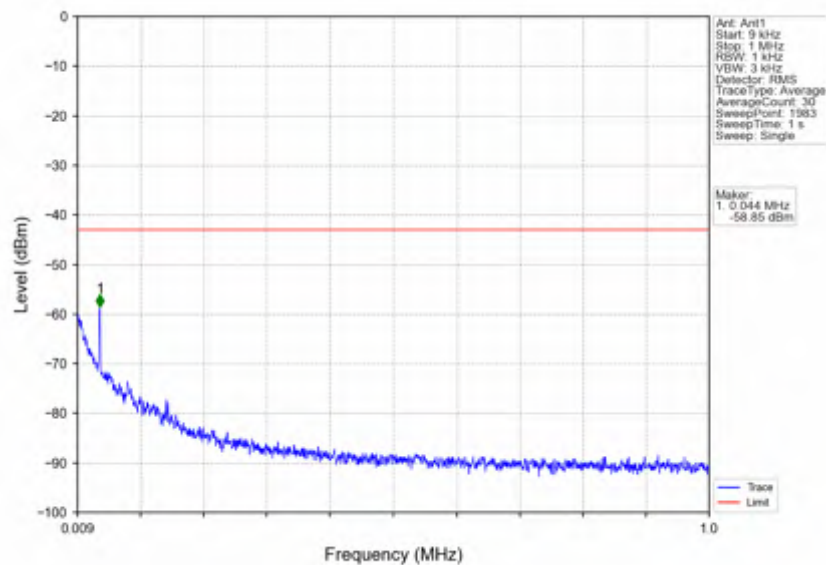
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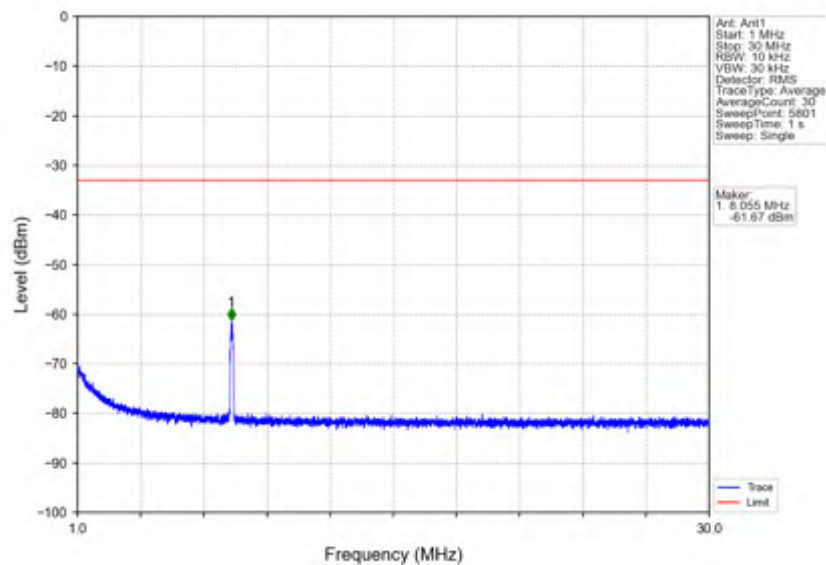
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n7 15kHz SISO NTN 40MHz DFT-s-OFDM QPSK 2550MHz Edge 1RB Right

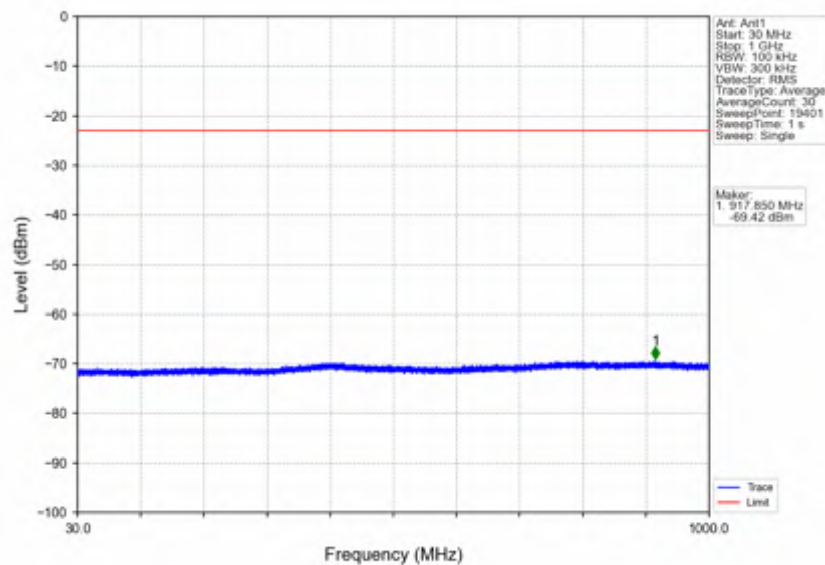


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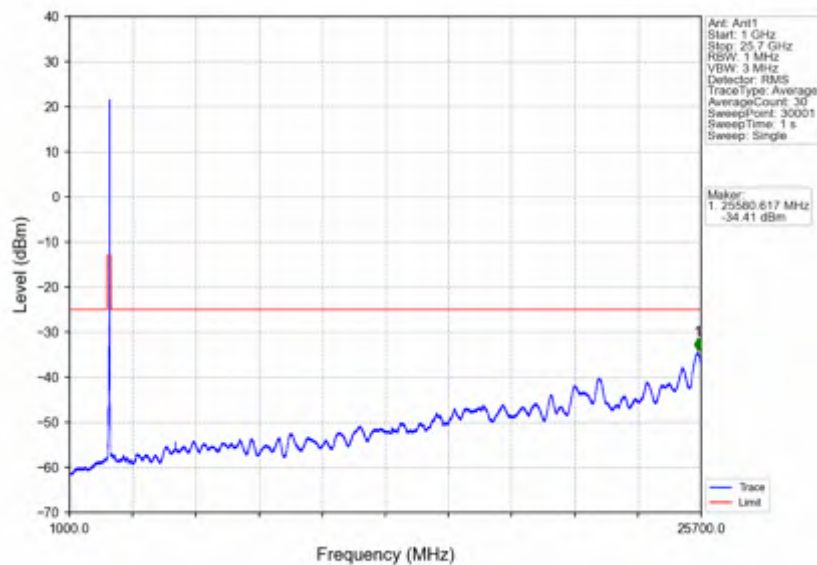
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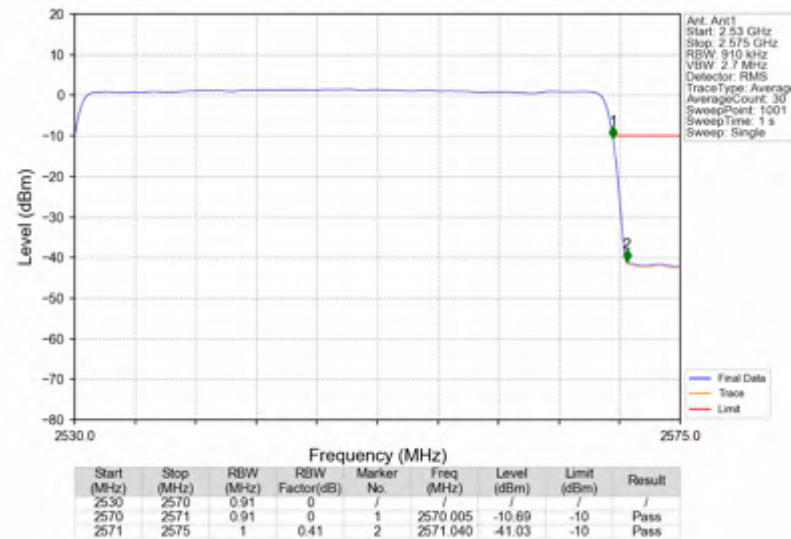


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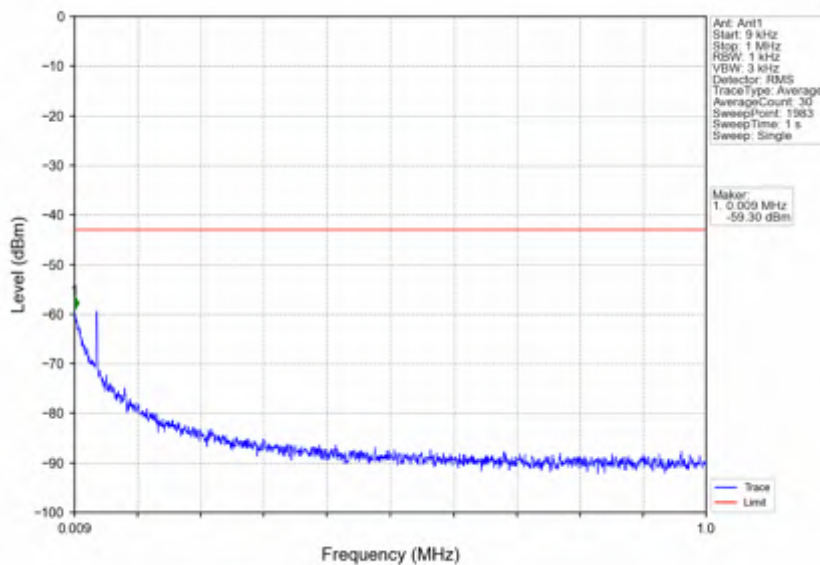
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Outer_Full



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Outer_Full



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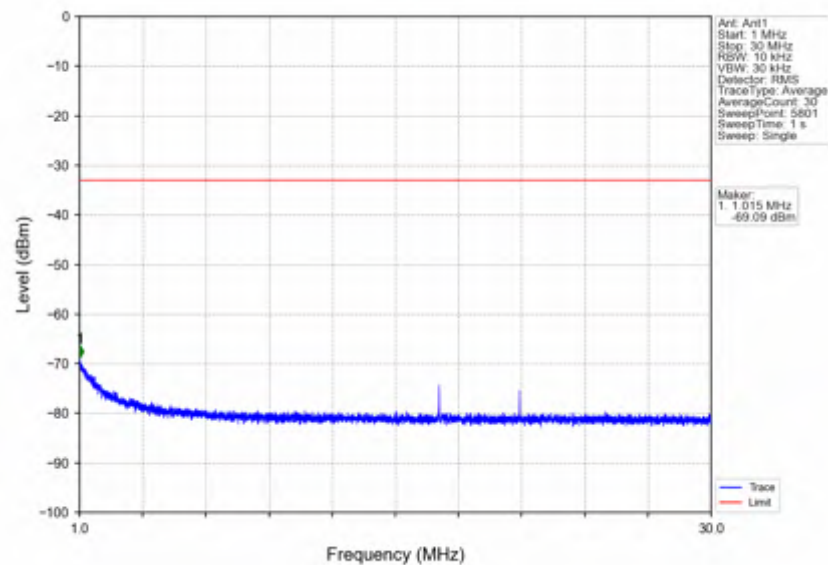
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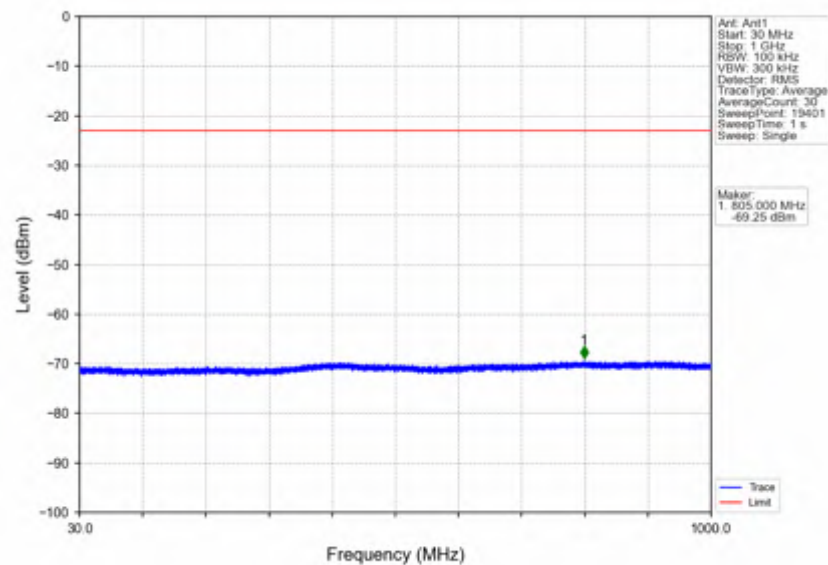
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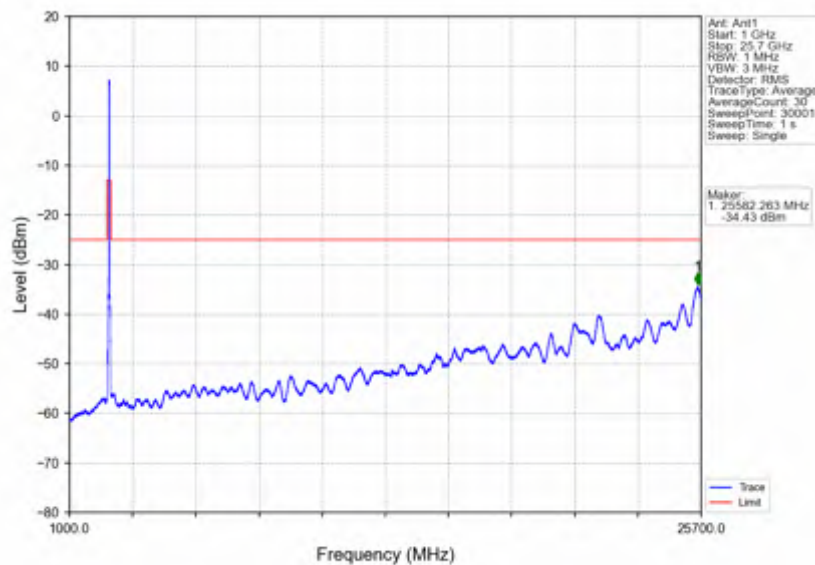
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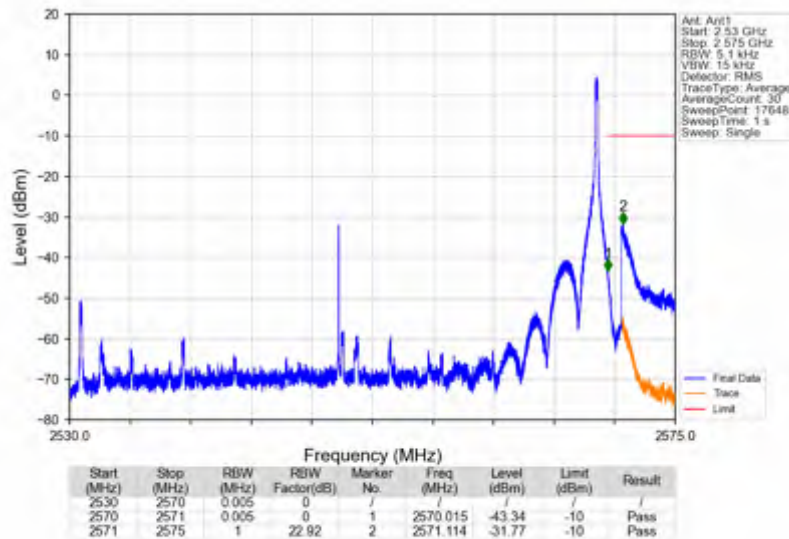
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2550MHz_Outer_Full



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2550MHz_Inner_1RB_Right



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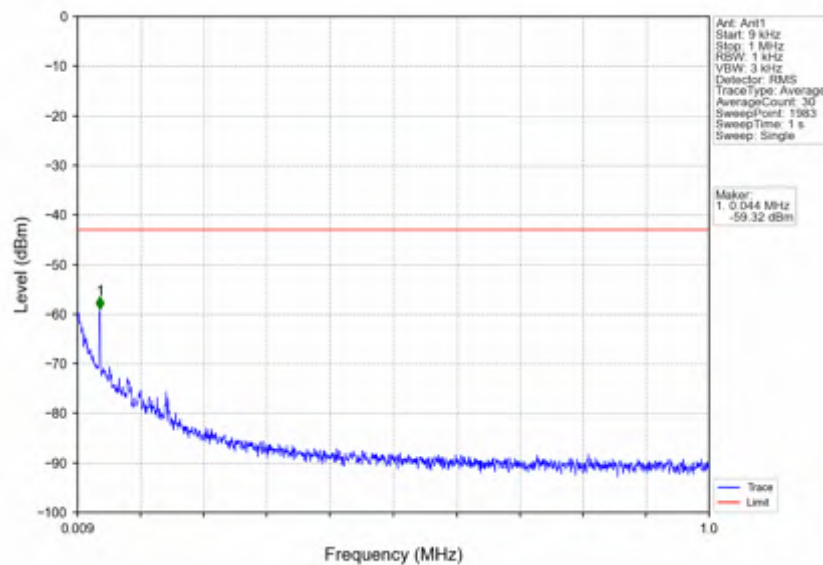
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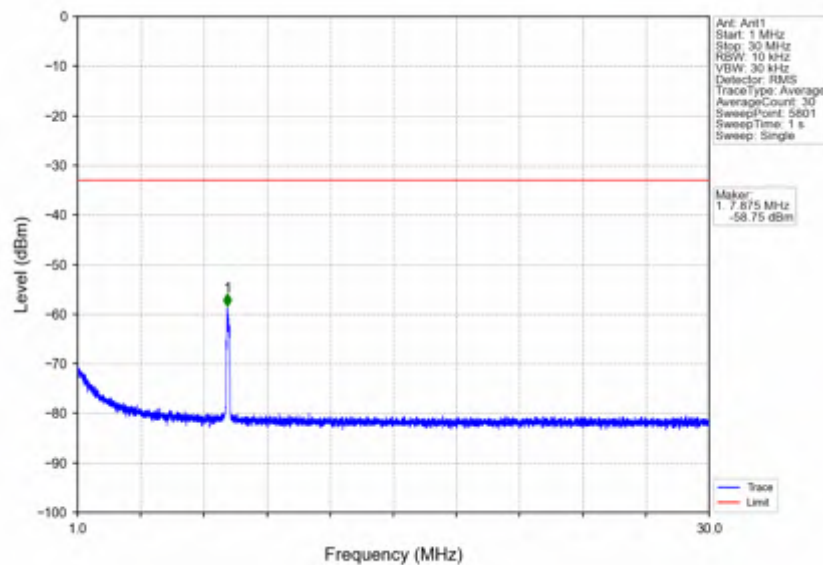
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n7 15kHz SISO NTN 40MHz DFT-s-OFDM QPSK 2550MHz Inner 1RB Right



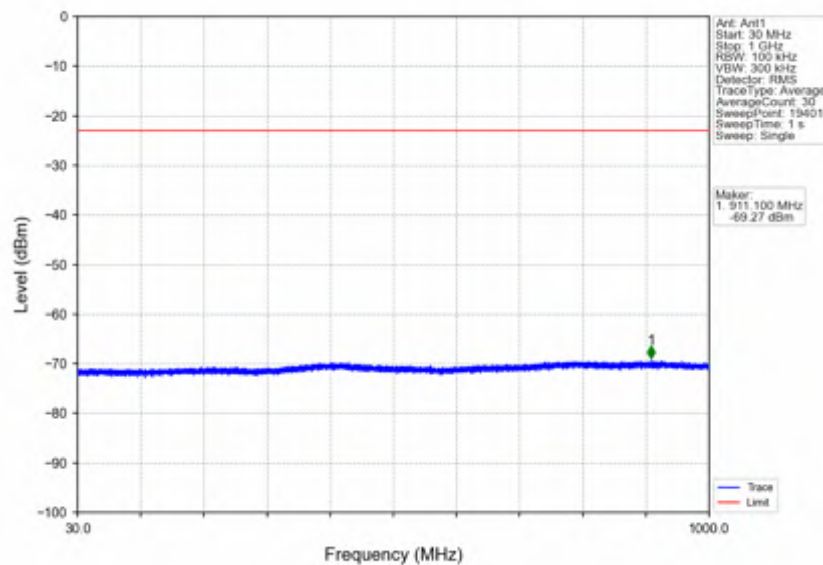
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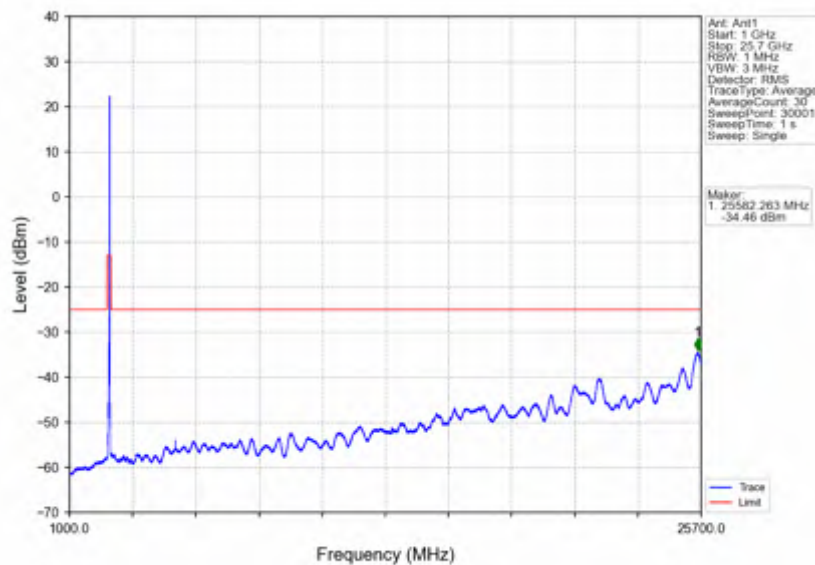
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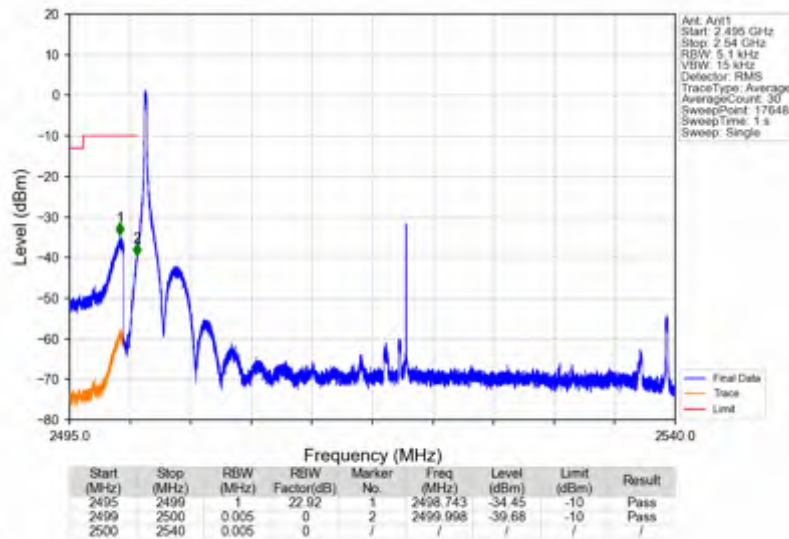


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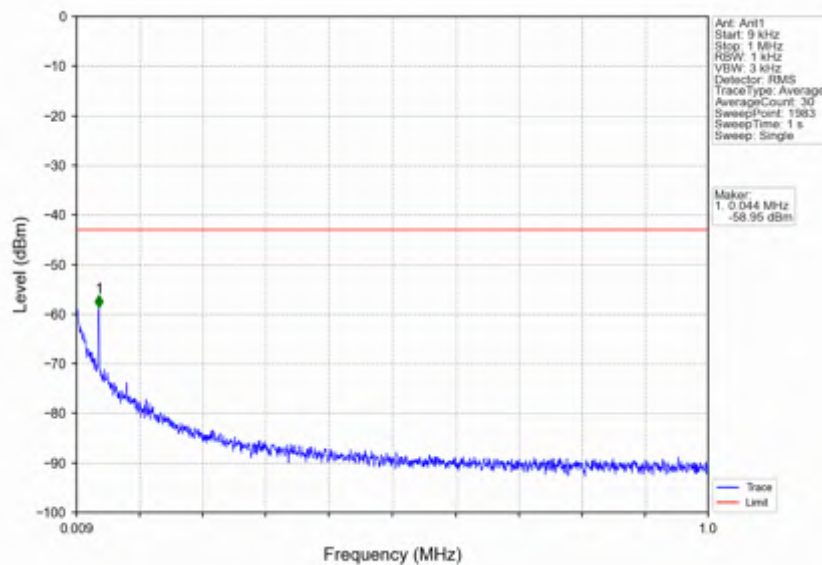
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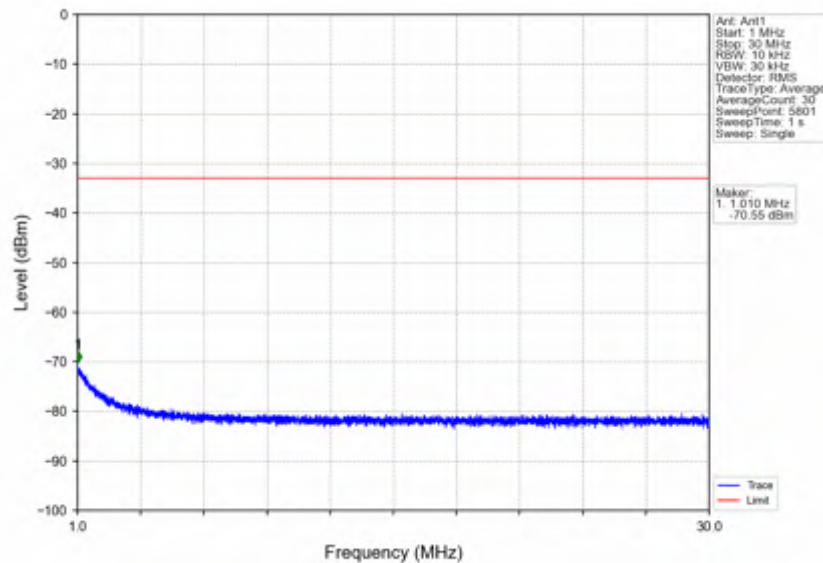
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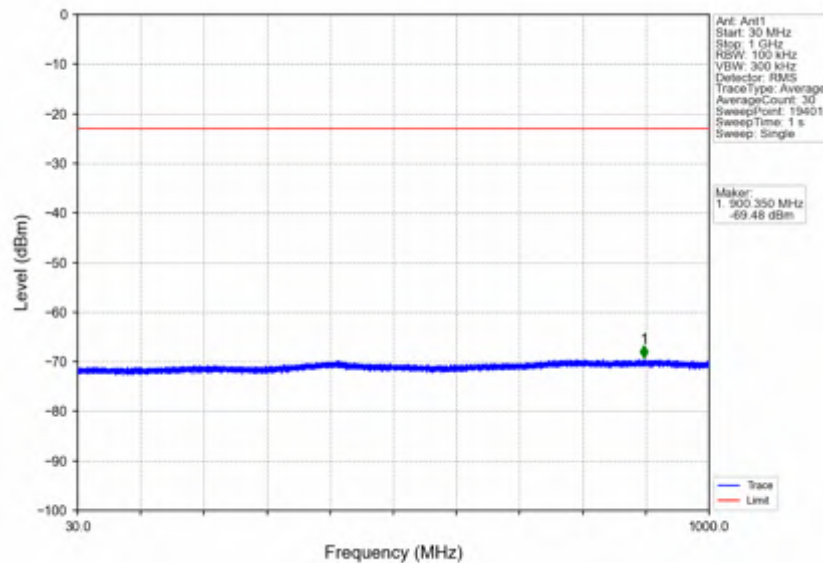
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Edge_1RB_Left



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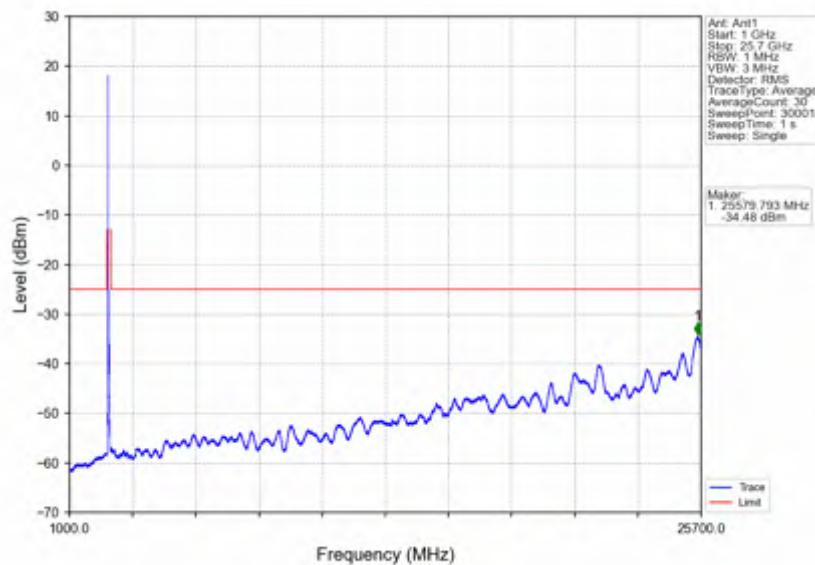
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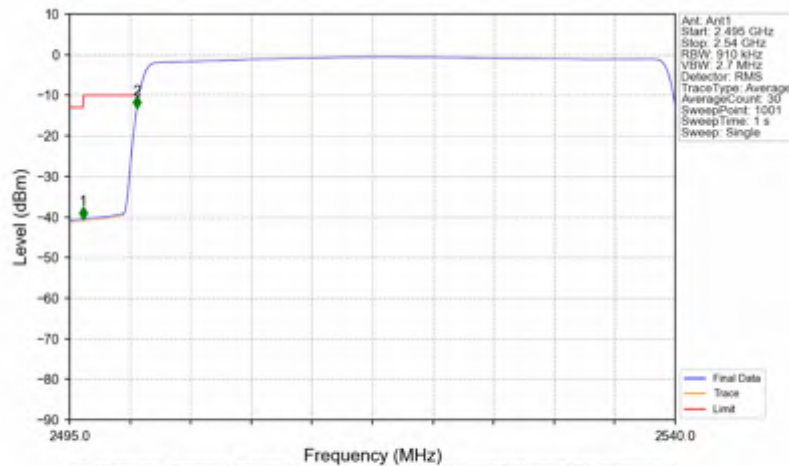
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n7 15kHz SISO NTNv 40MHz CP-OFDM QPSK 2520MHz Edge 1RB Left



n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2520MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2499	1	0.41	1	2495.990	-40.54	-13	Pass
2499	2500	0.91	0	2	2499.995	-13.31	-10	Pass
2500	2540	0.91	0	/	/	/	/	/

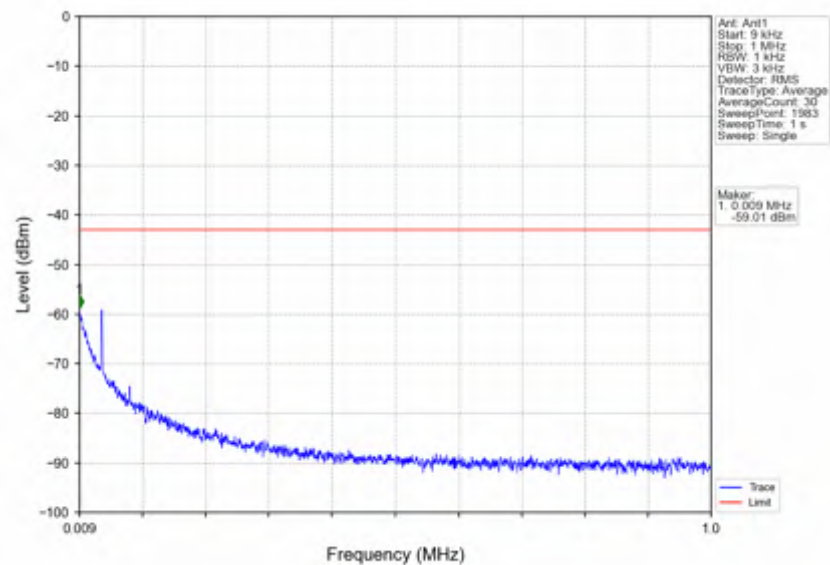


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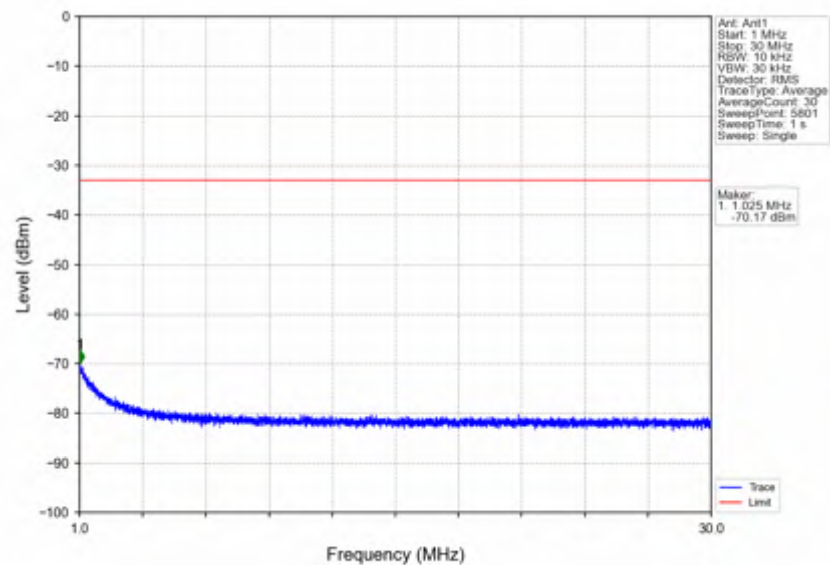
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2520MHz_Outer_Full



n7 15kHz SISO NTN 40MHz CP-OFDM QPSK 2520MHz Outer Full

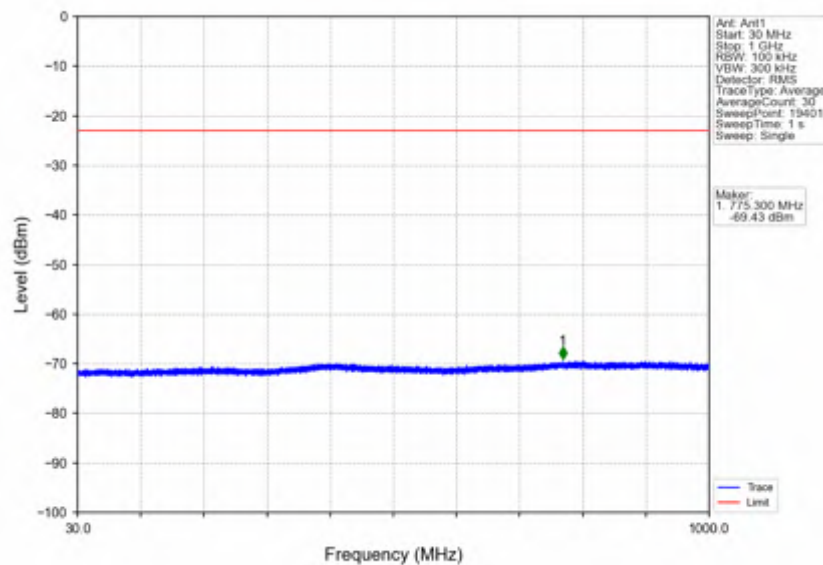


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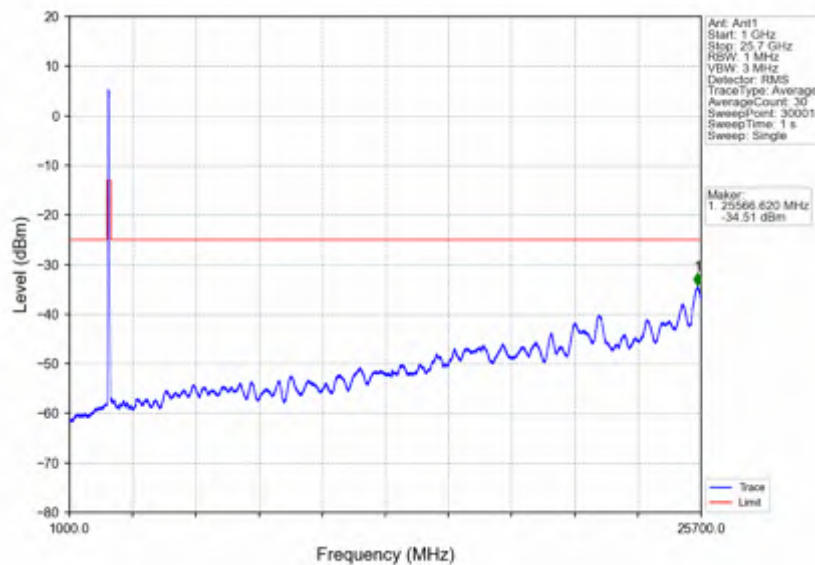
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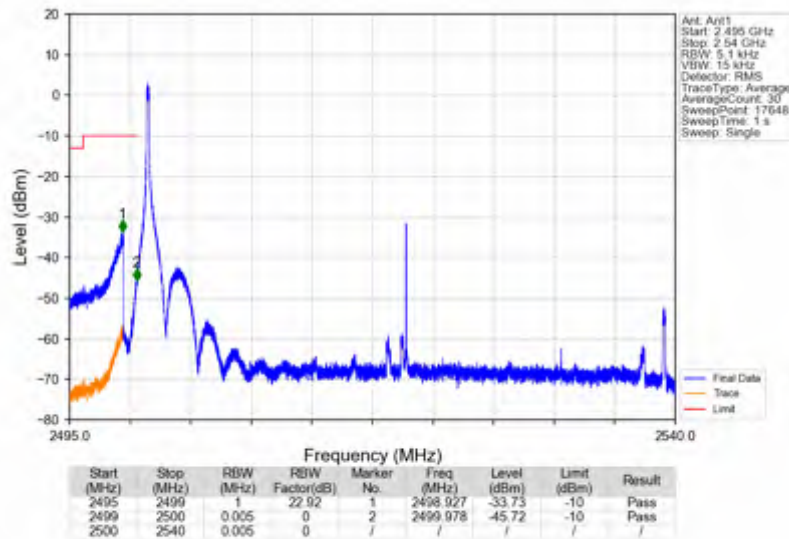


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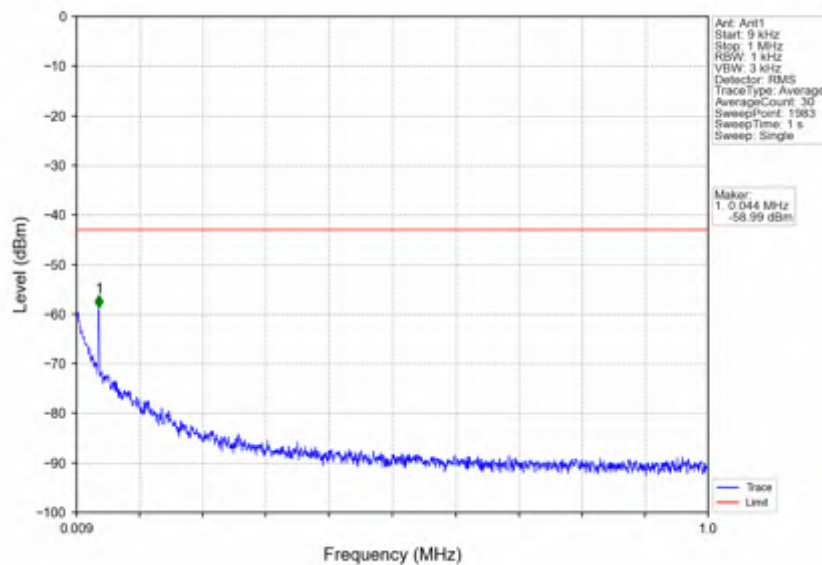
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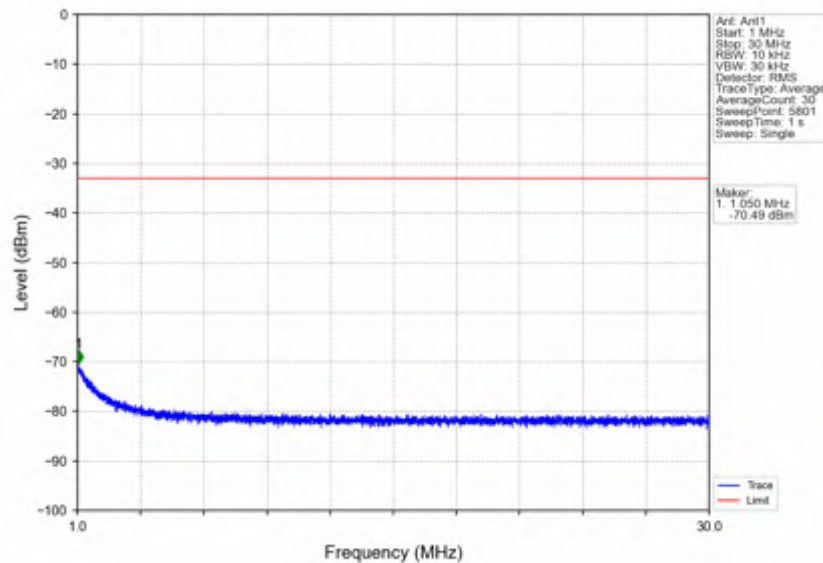


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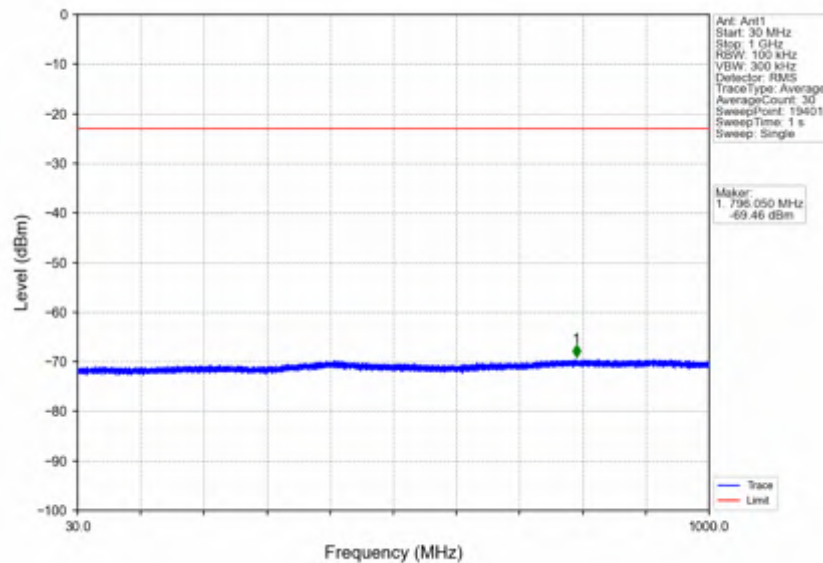
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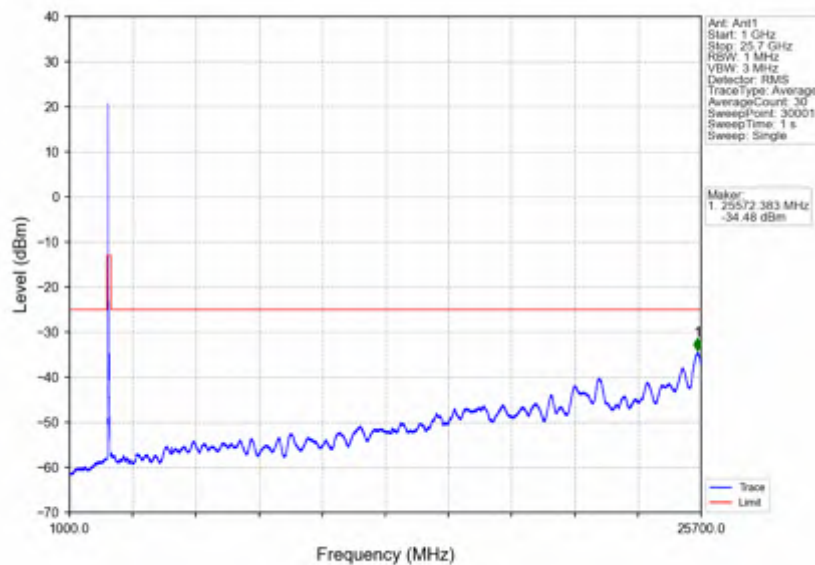
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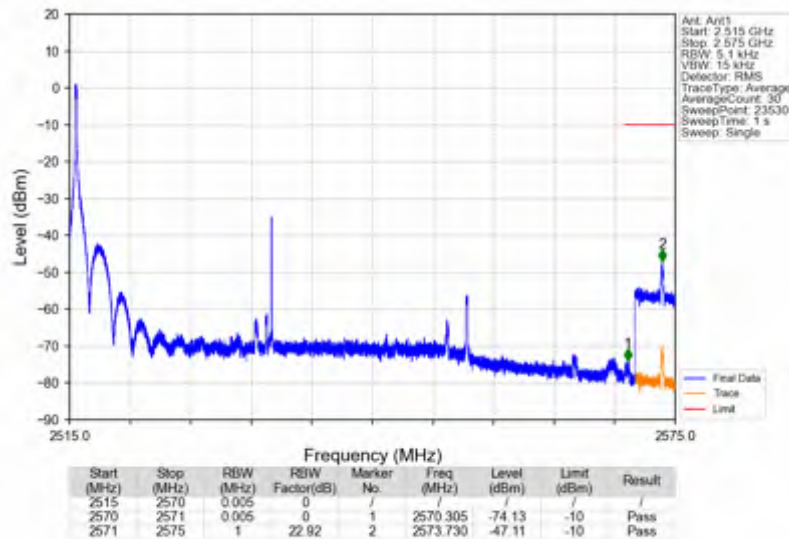
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Inner_1RB_Left



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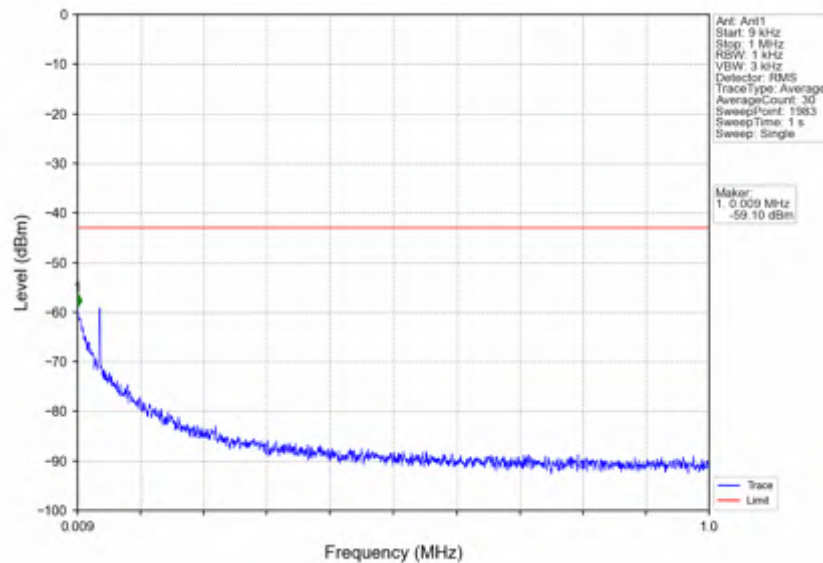
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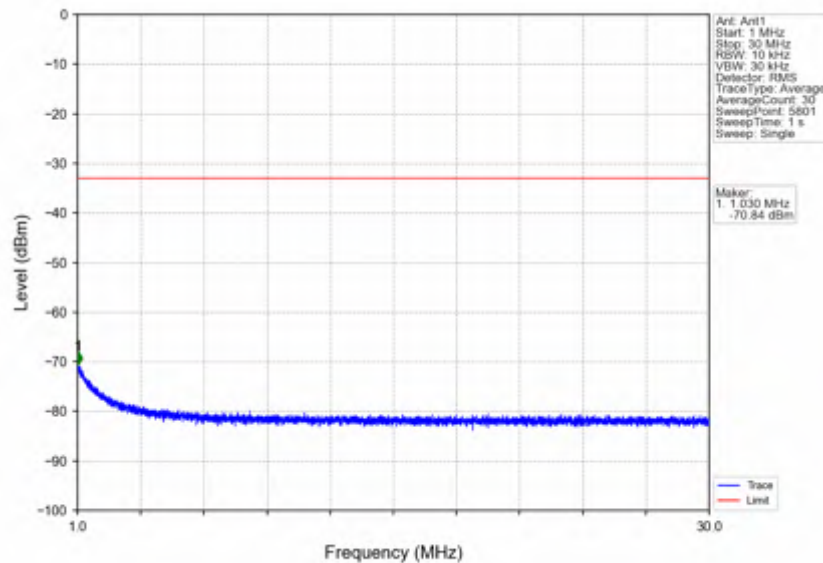
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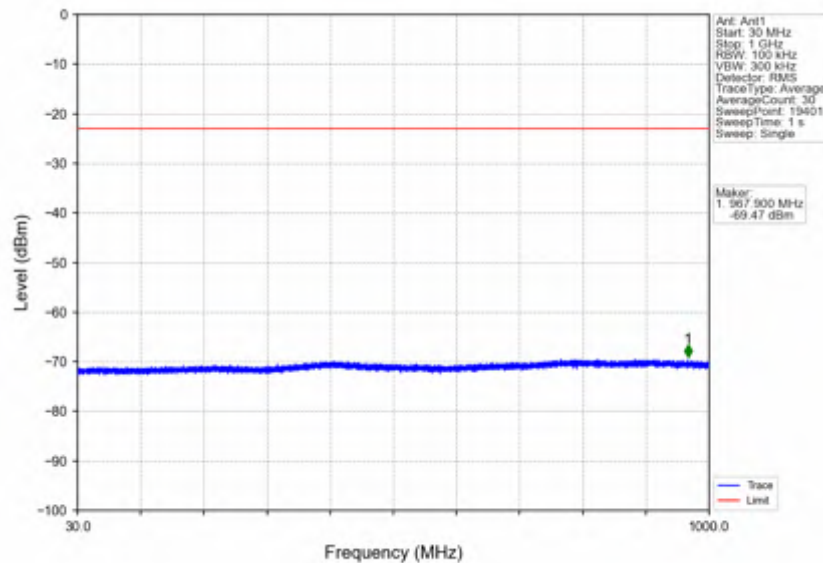
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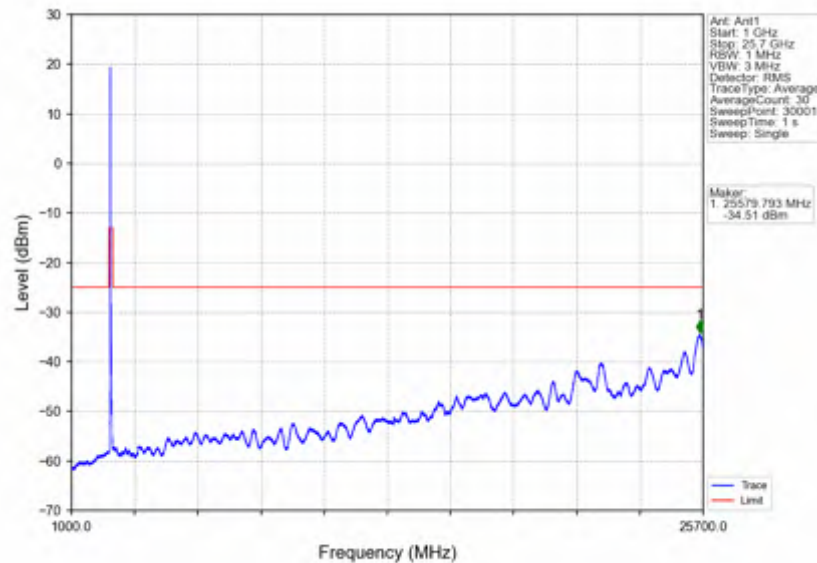
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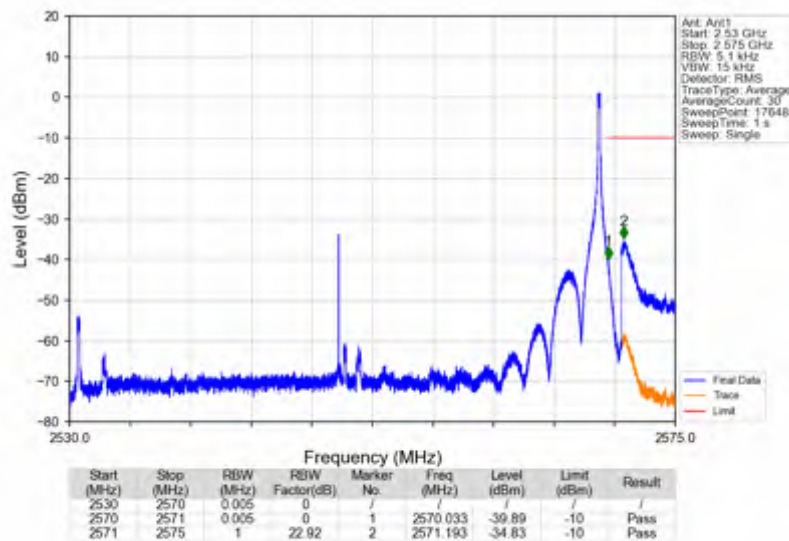
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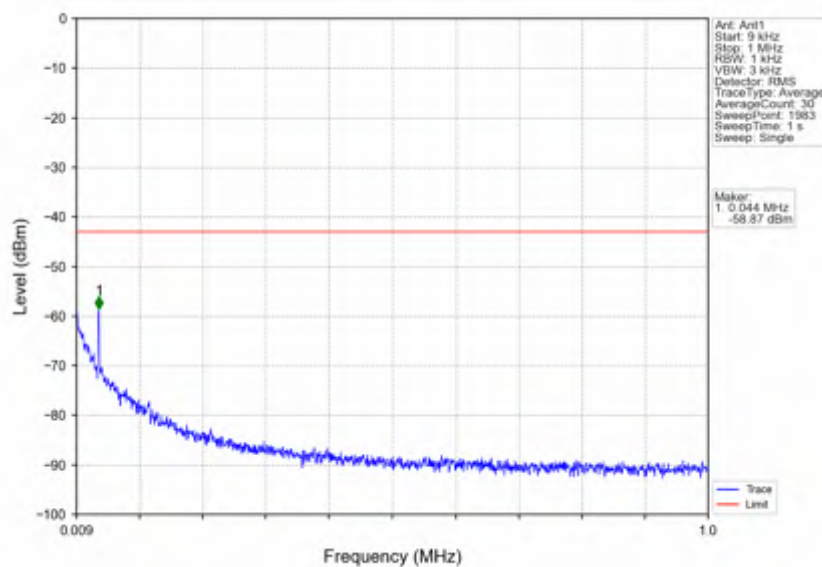
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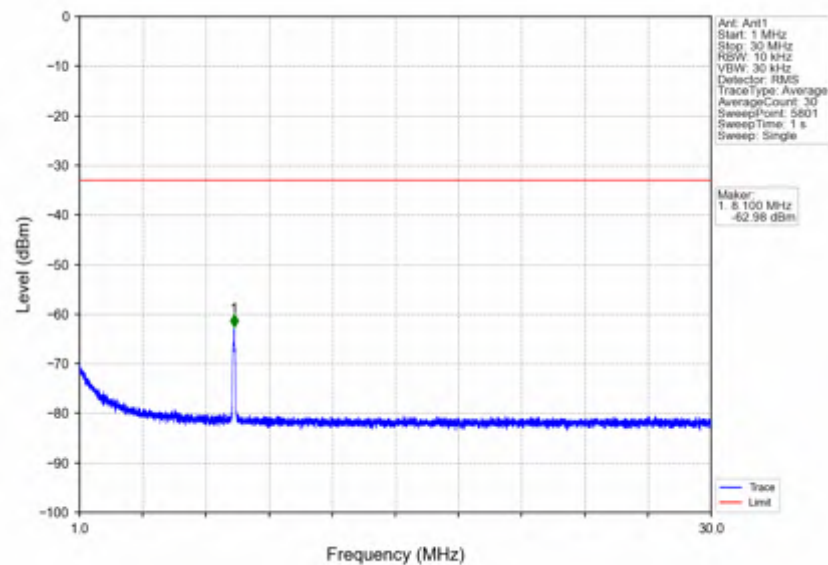
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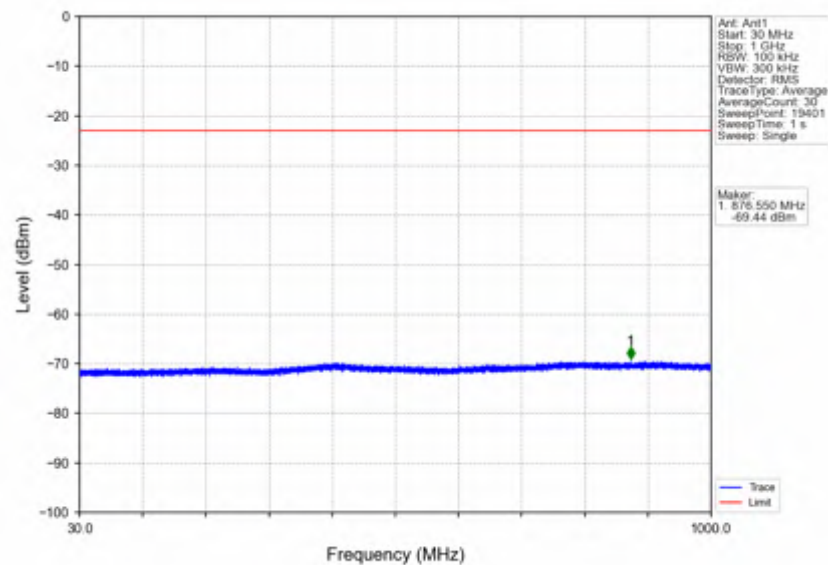
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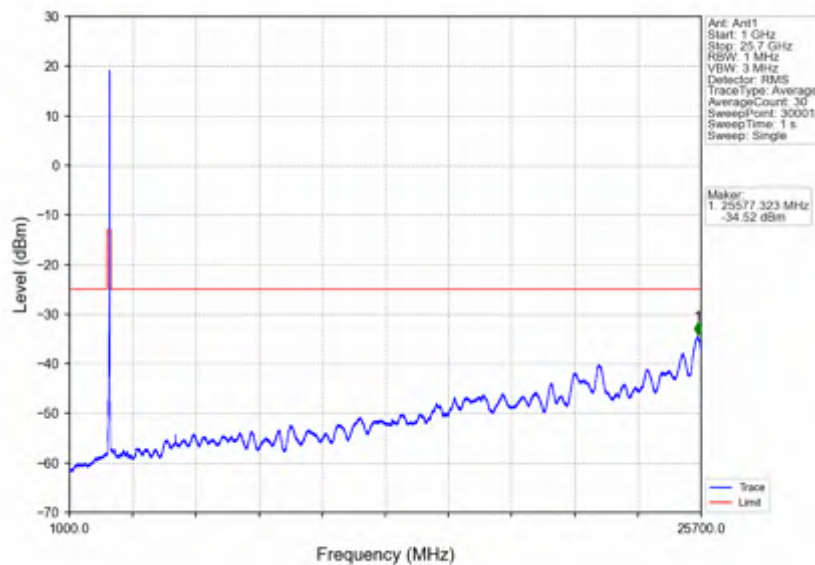
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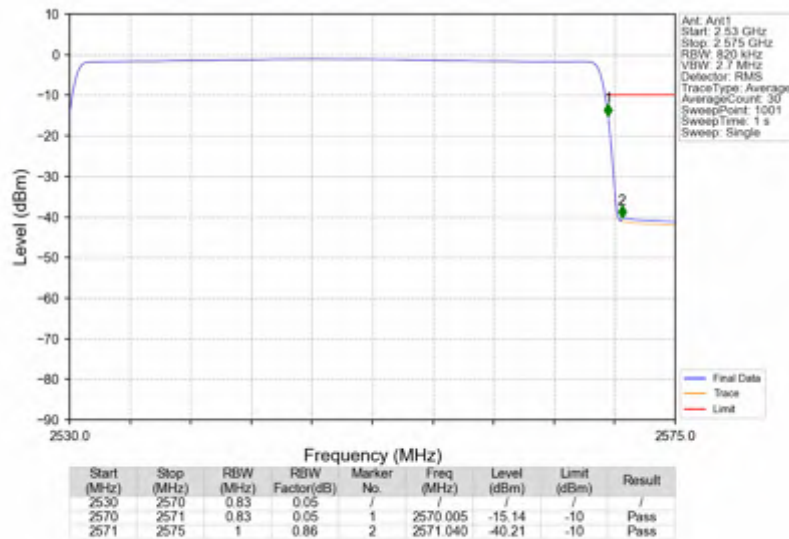
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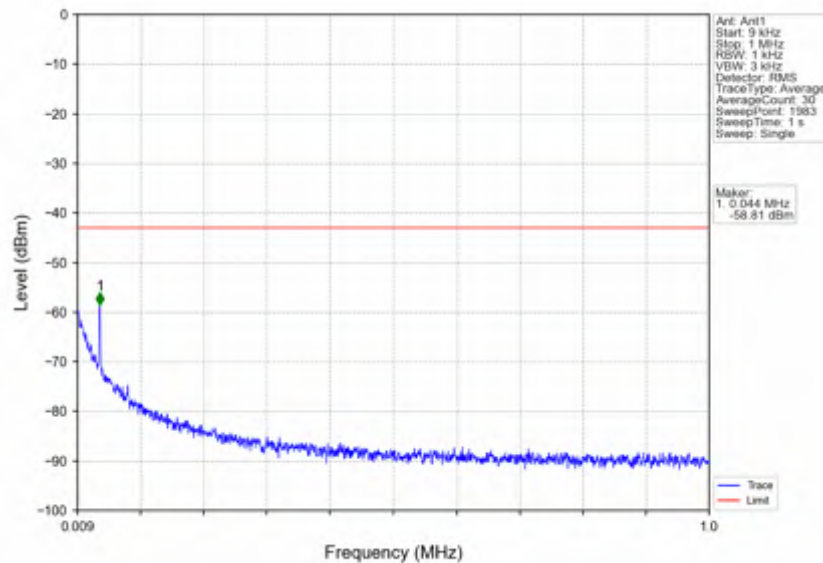
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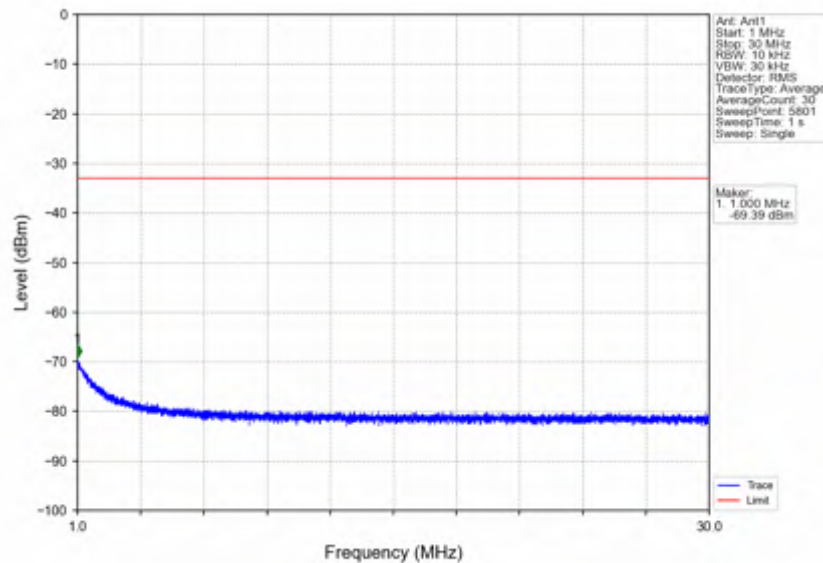
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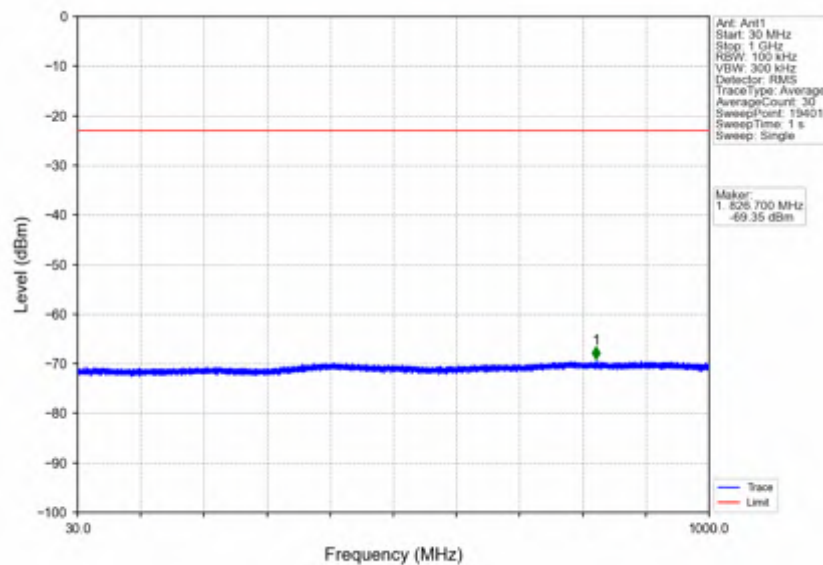
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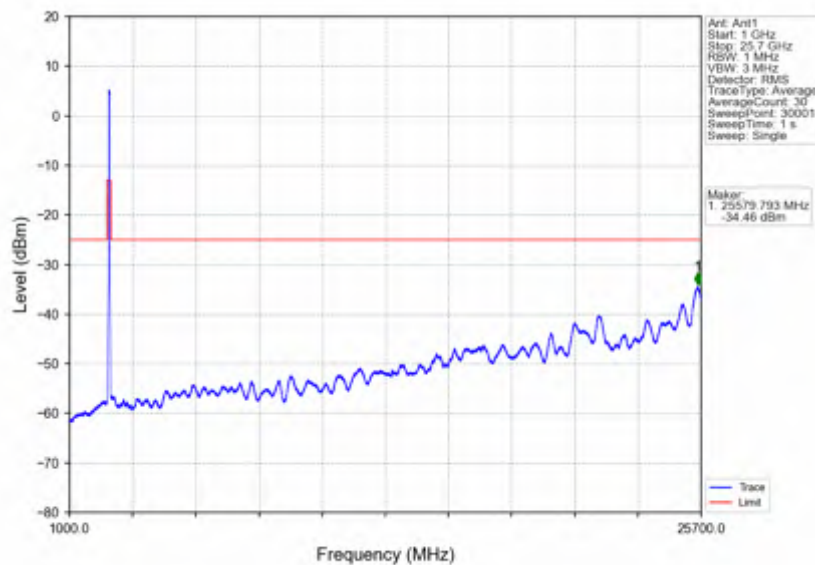
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Outer_Full



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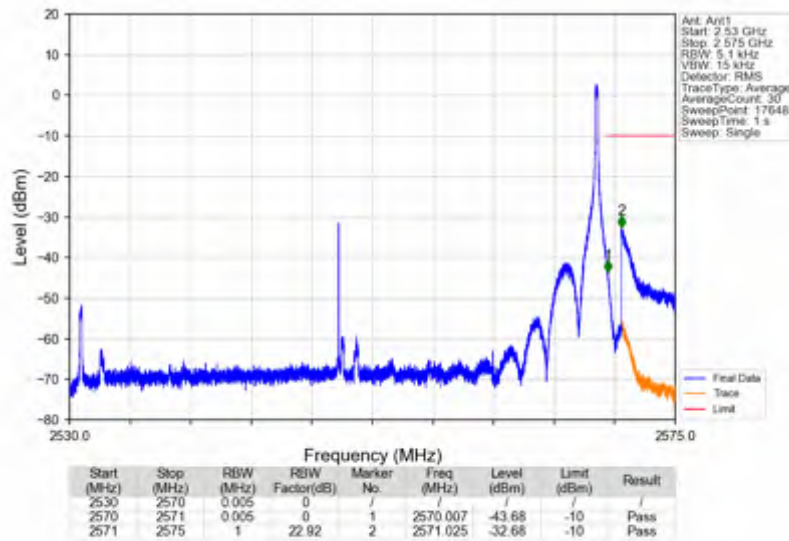
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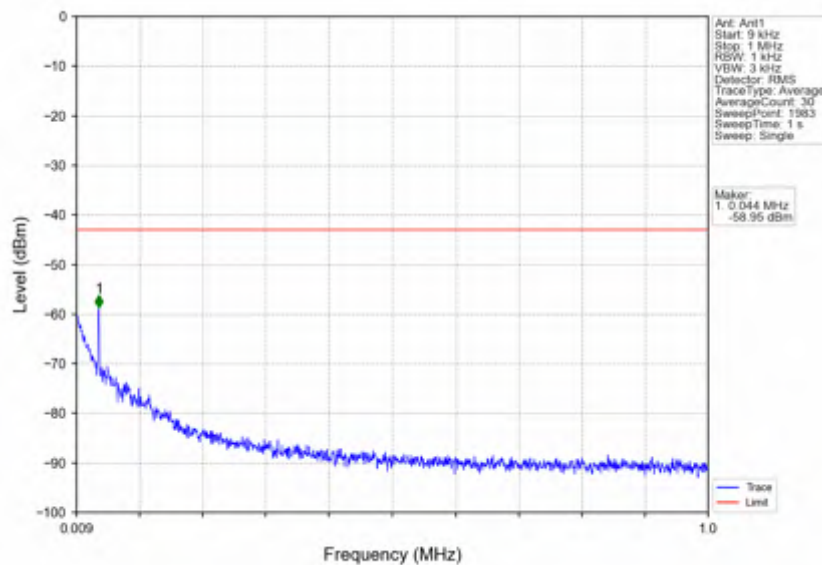
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Inner_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Inner_1RB_Right

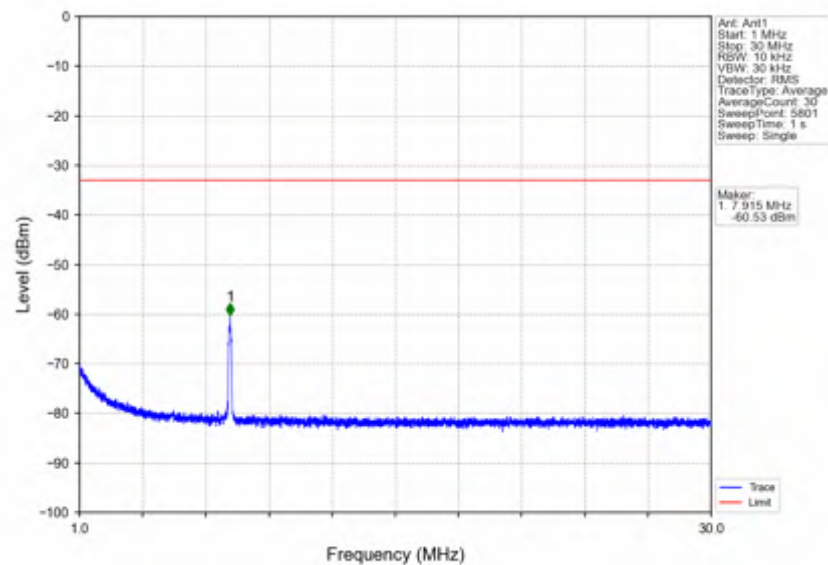


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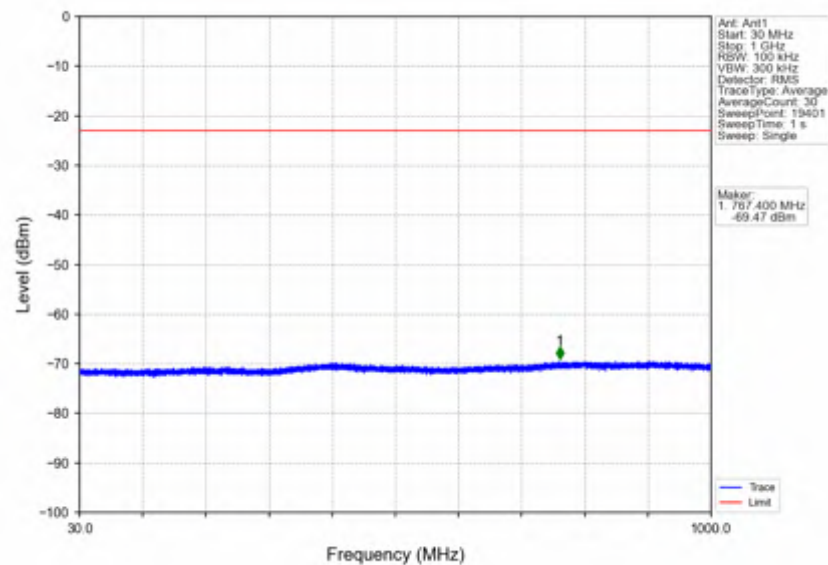
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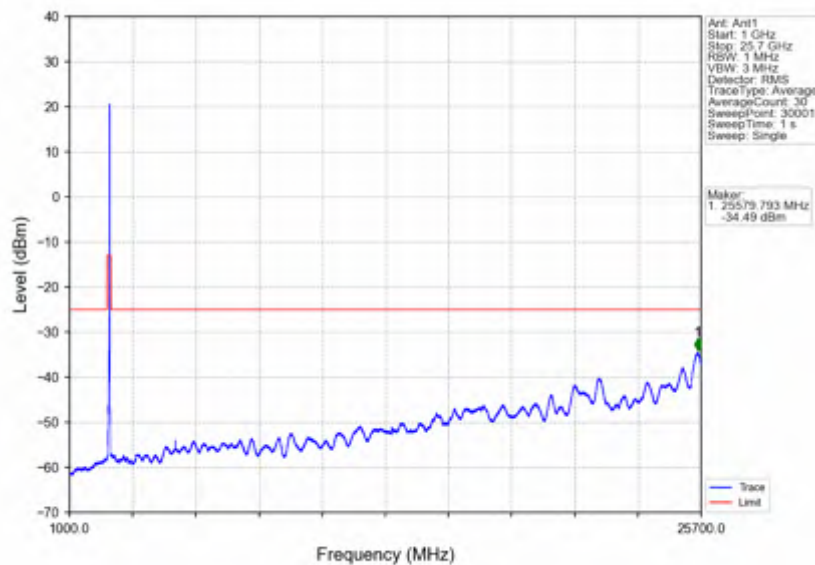
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Inner_1RB_Right



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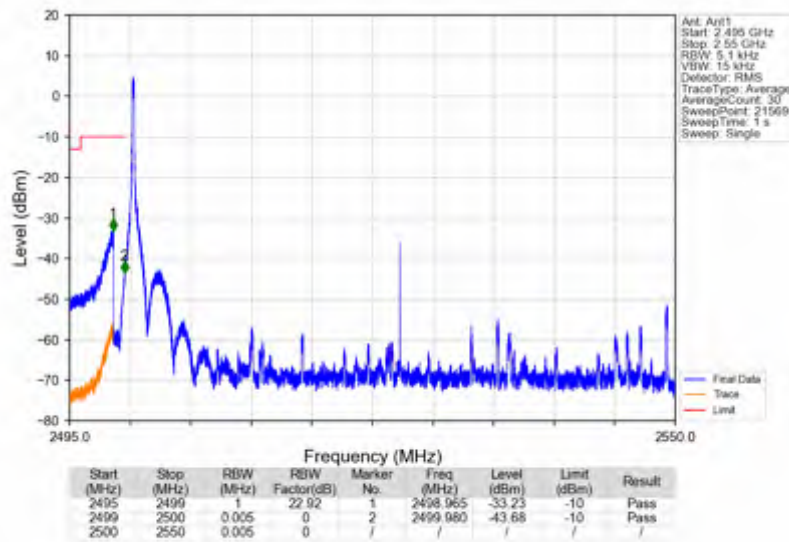
3.8 15k_SISO_50MHz_NTNV

3.8.1 Test Result

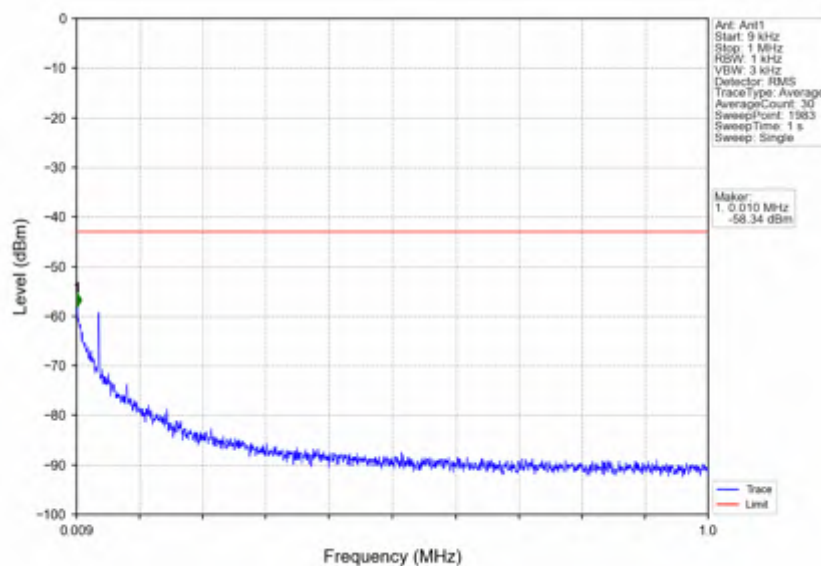
5G NR n7 SCS=15kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2525	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2535	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	2525	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2535	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	2525	Edge 1RB Right	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	2545	Inner 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass

3.8.2 Test Graph

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2525MHz_Edge_1RB_Left



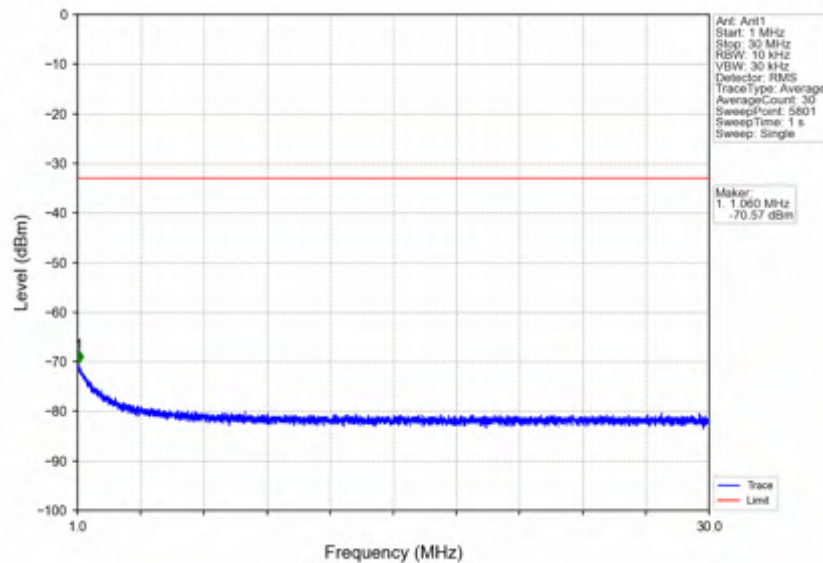
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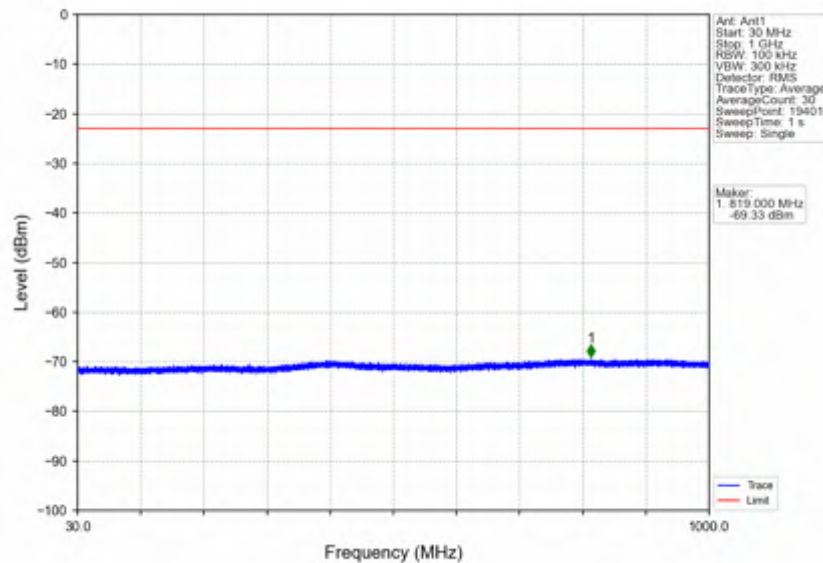
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Edge_1RB_Left



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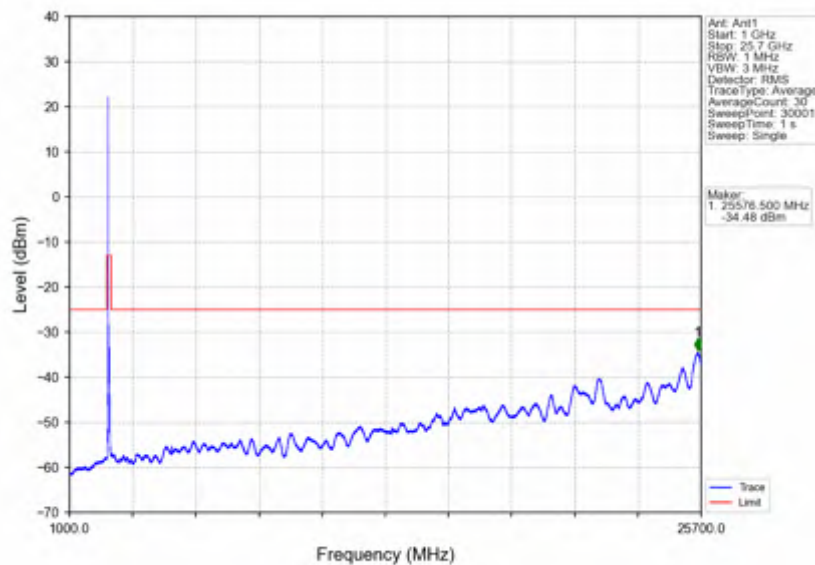
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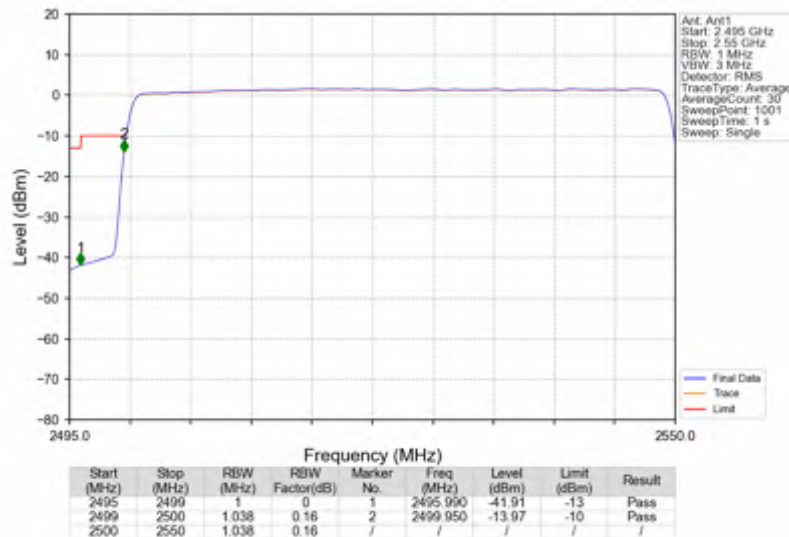
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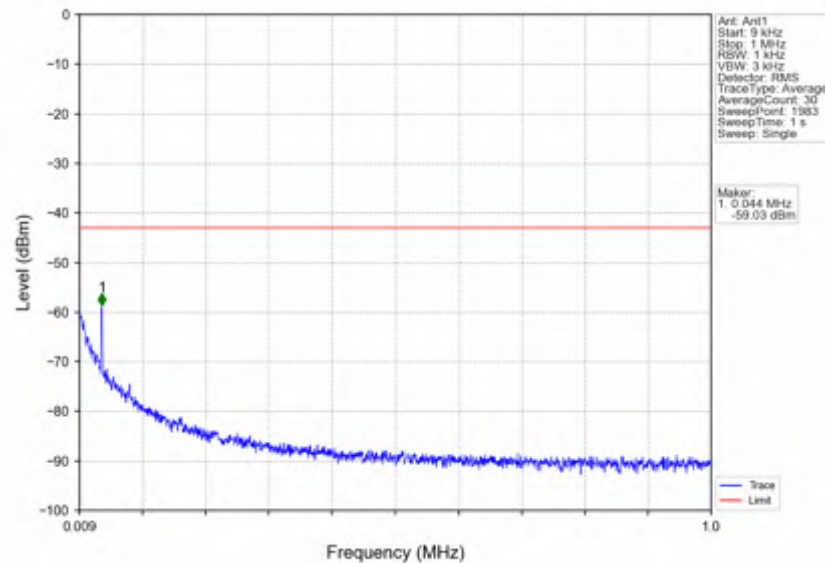
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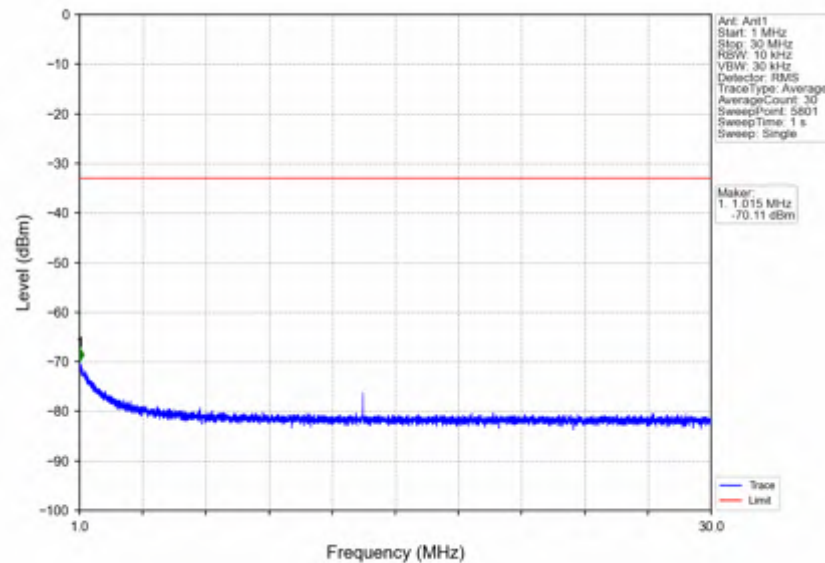
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Outer_Full



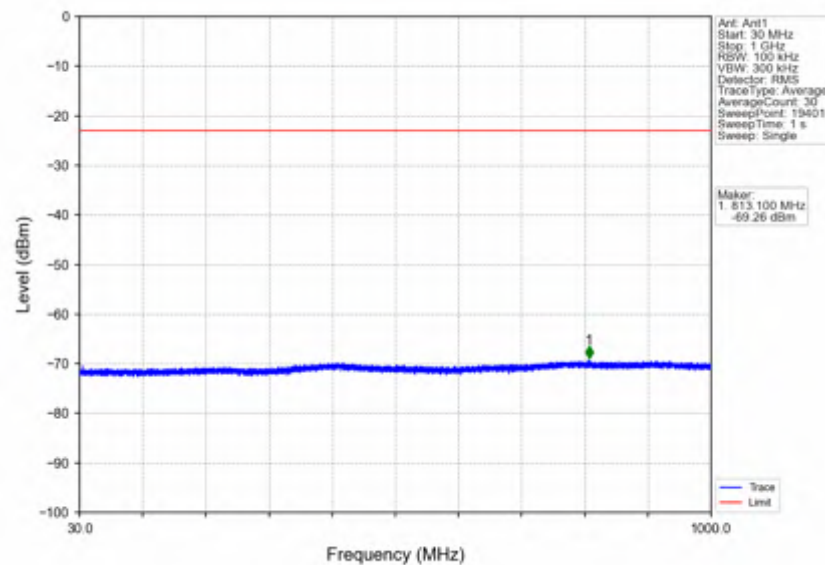
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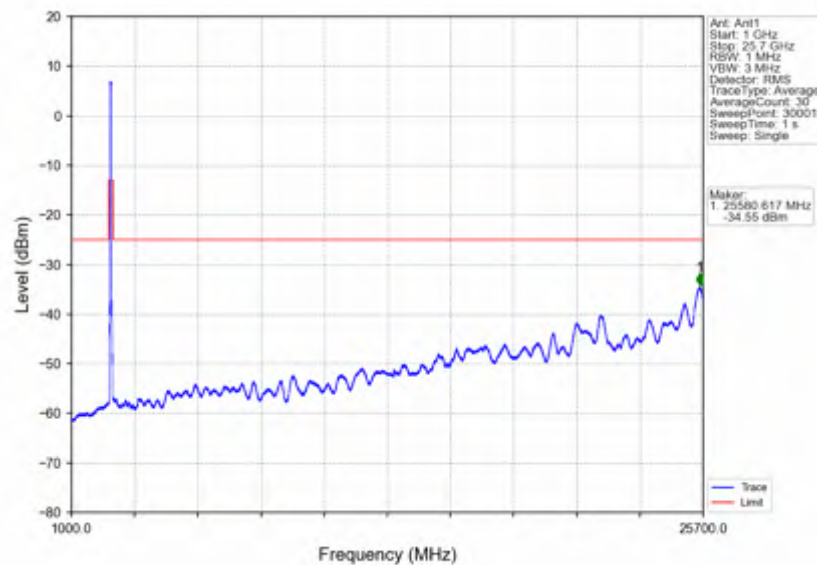
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n7	15kHz	SISO	NTNV	50MHz	DFT-s-OFDM	PI/2	BPSK	2525MHz	Outer	Full
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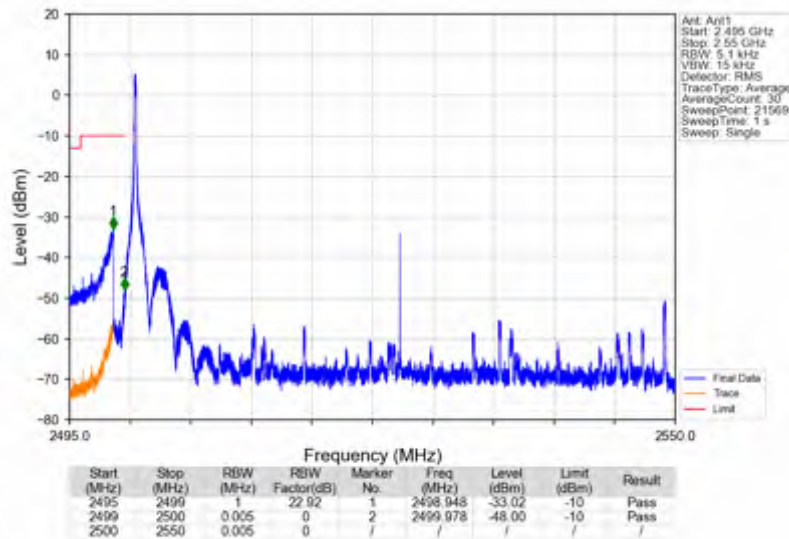


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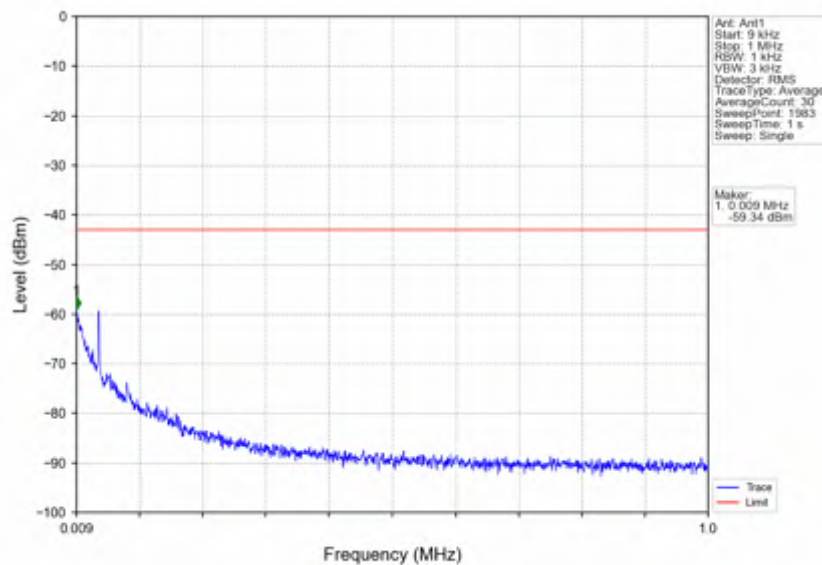
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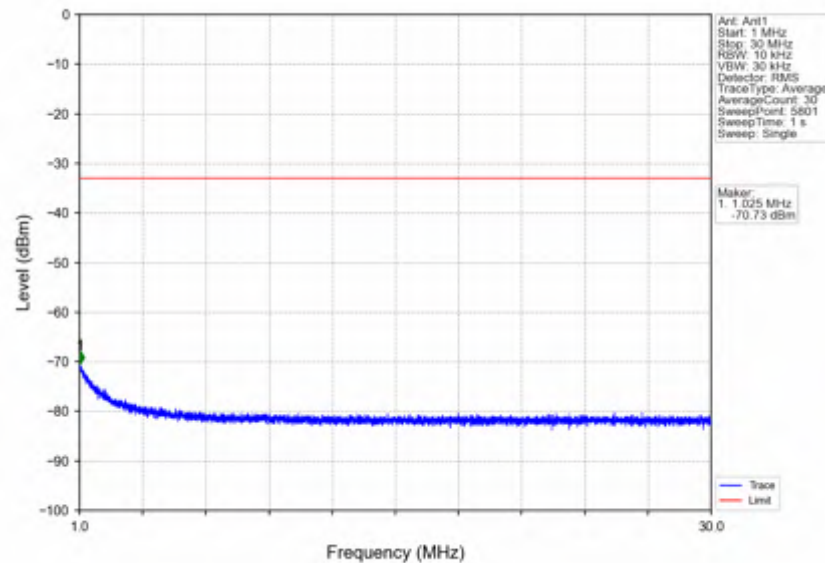
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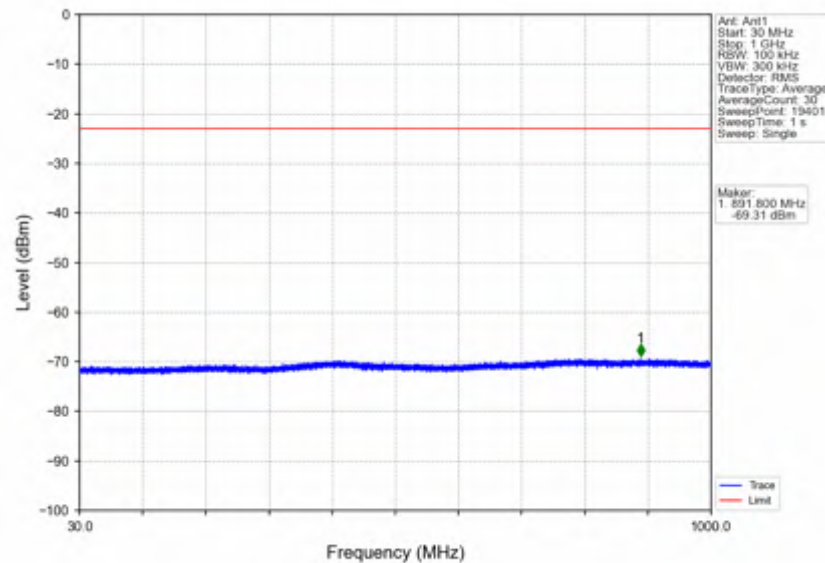
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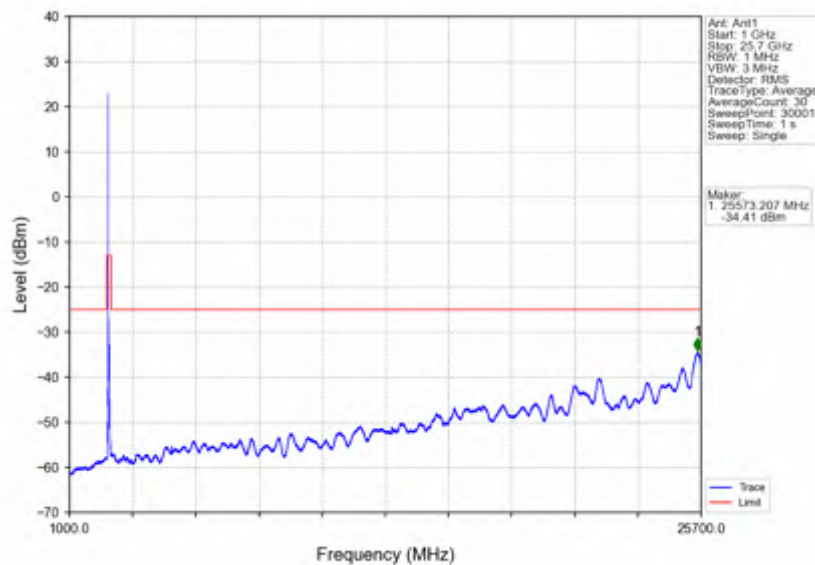
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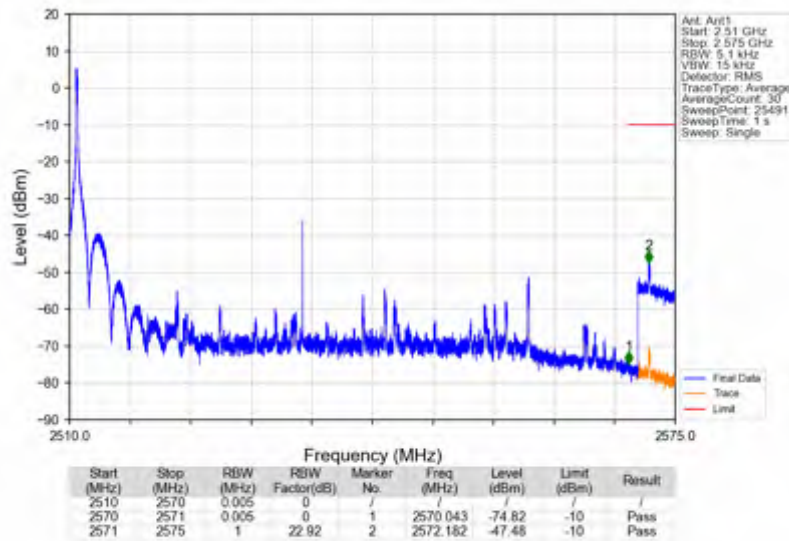
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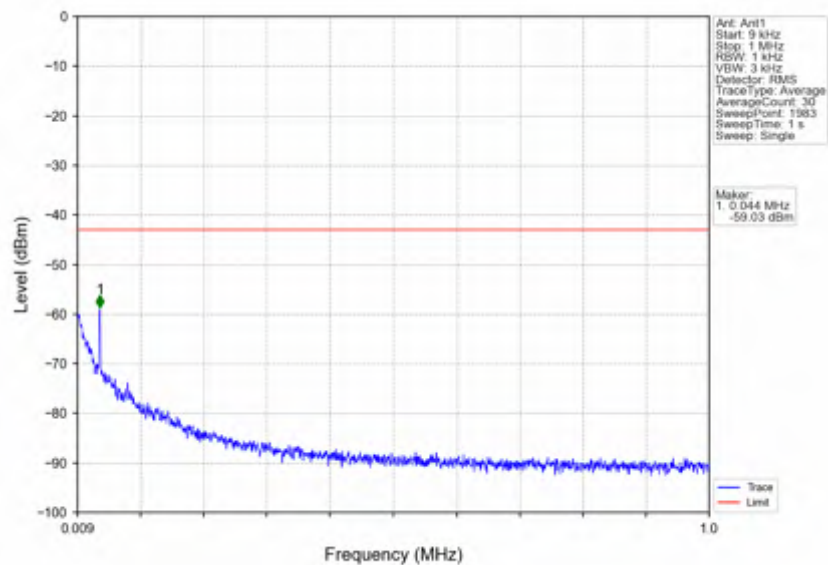
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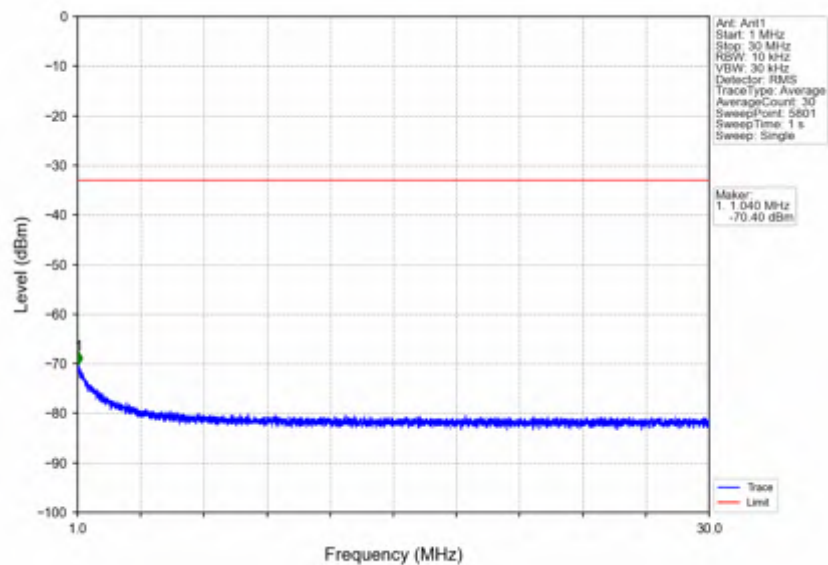
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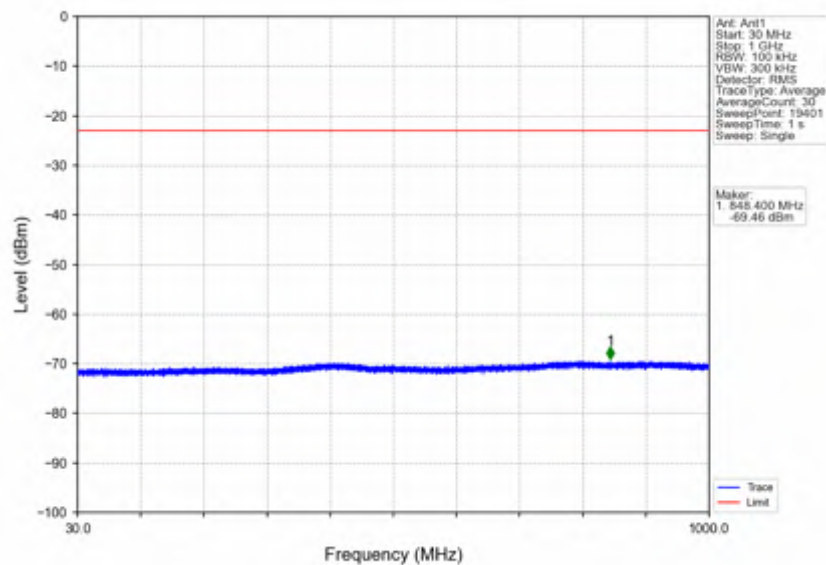


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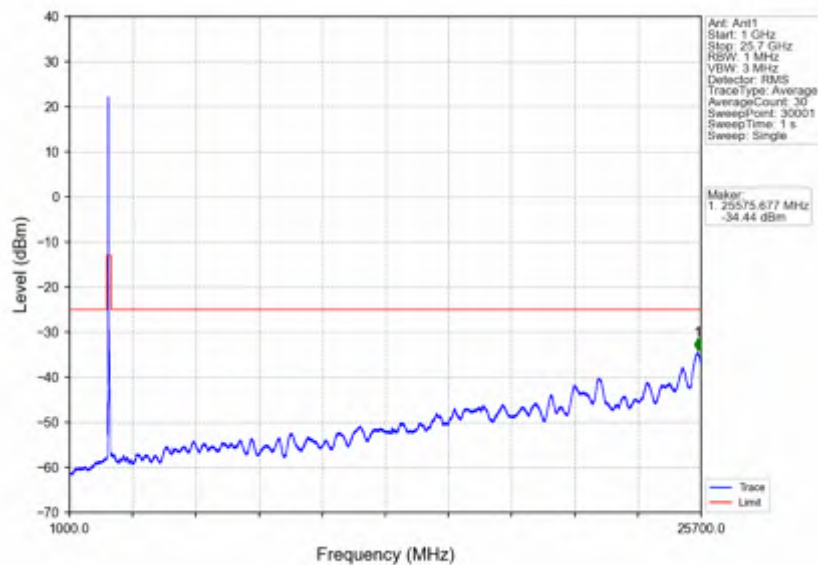
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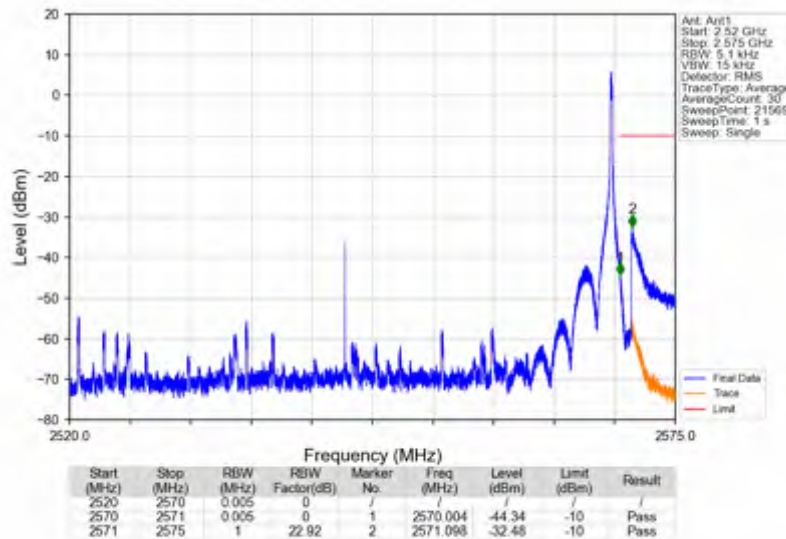


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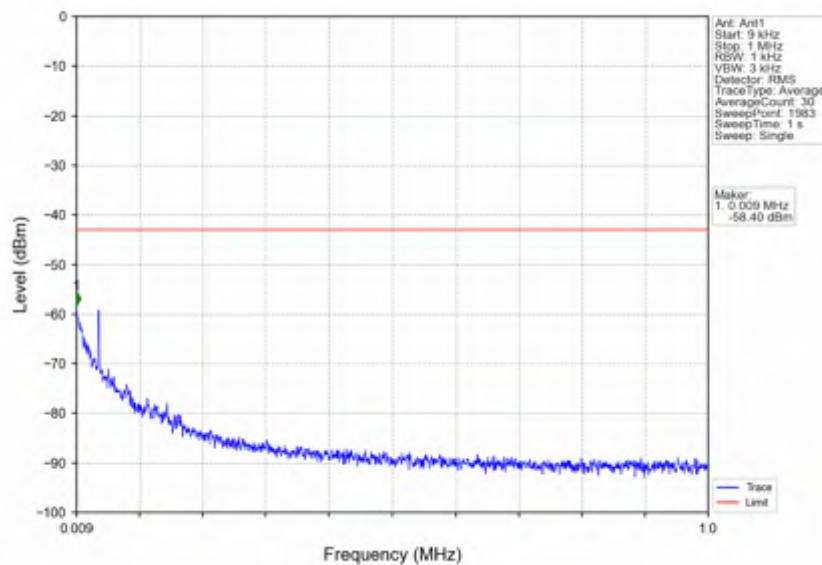
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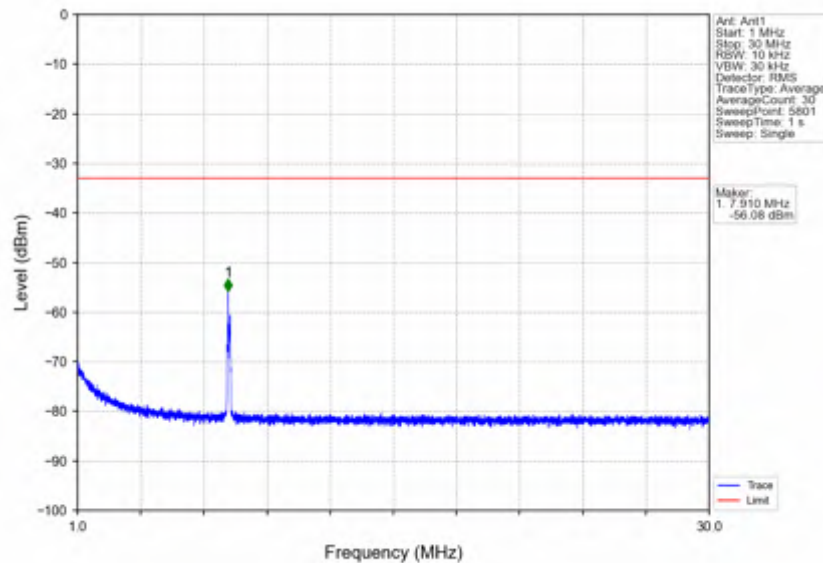


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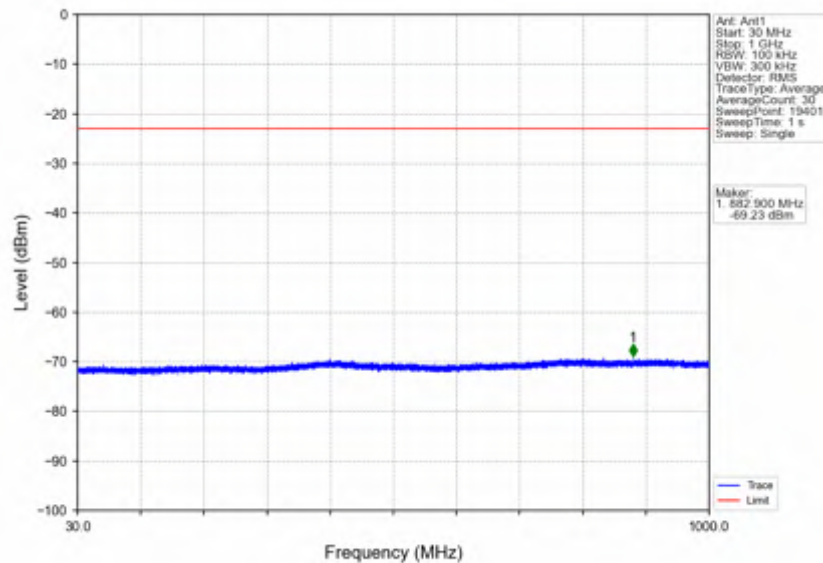
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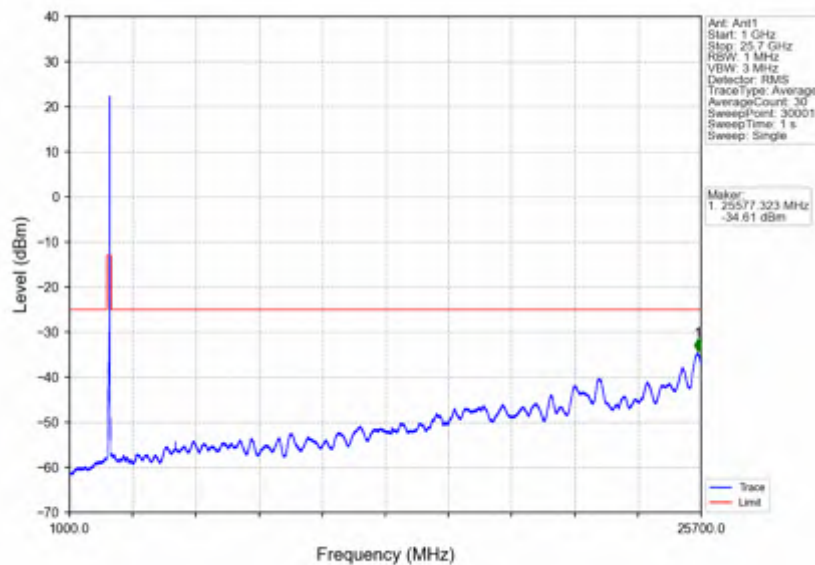
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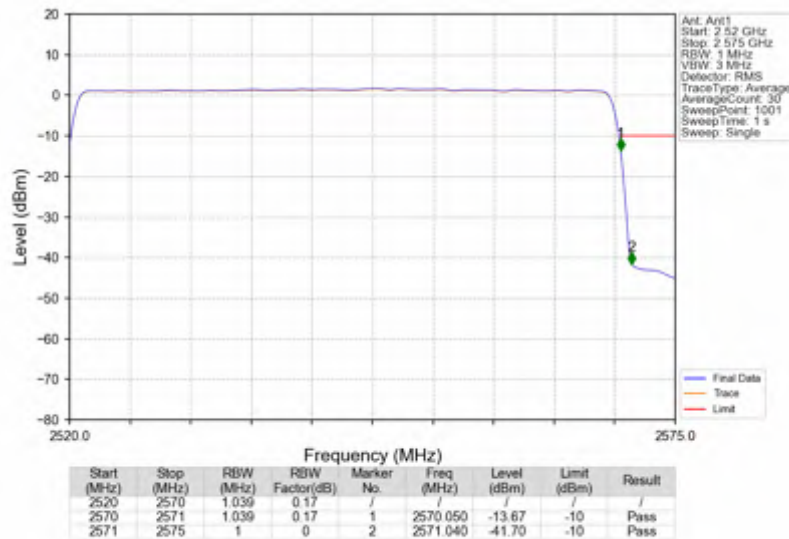
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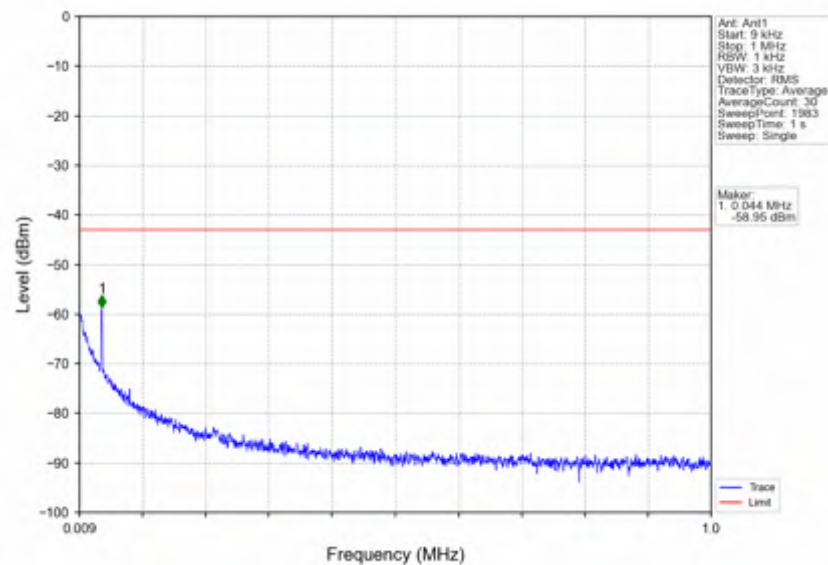
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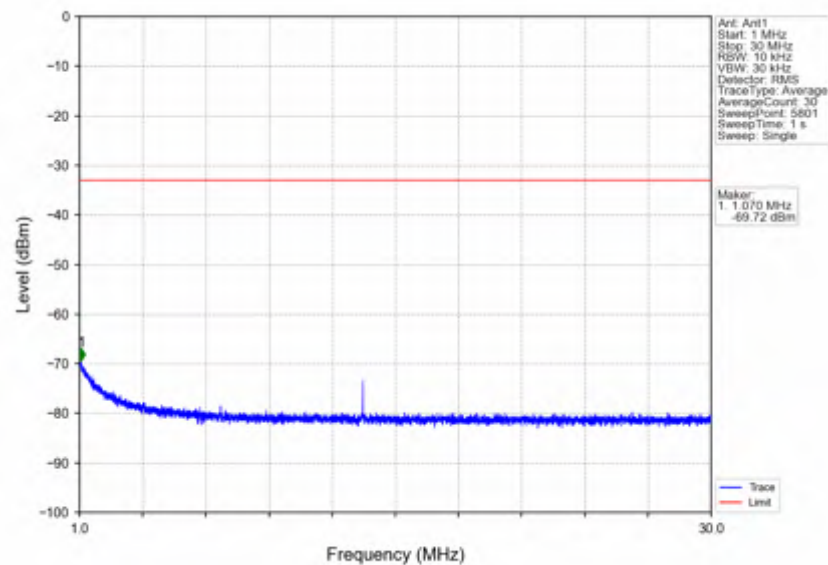
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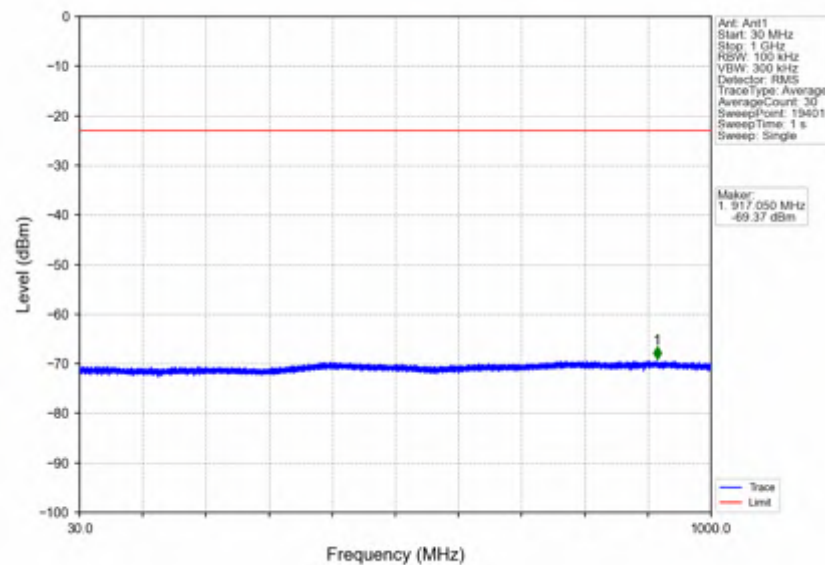


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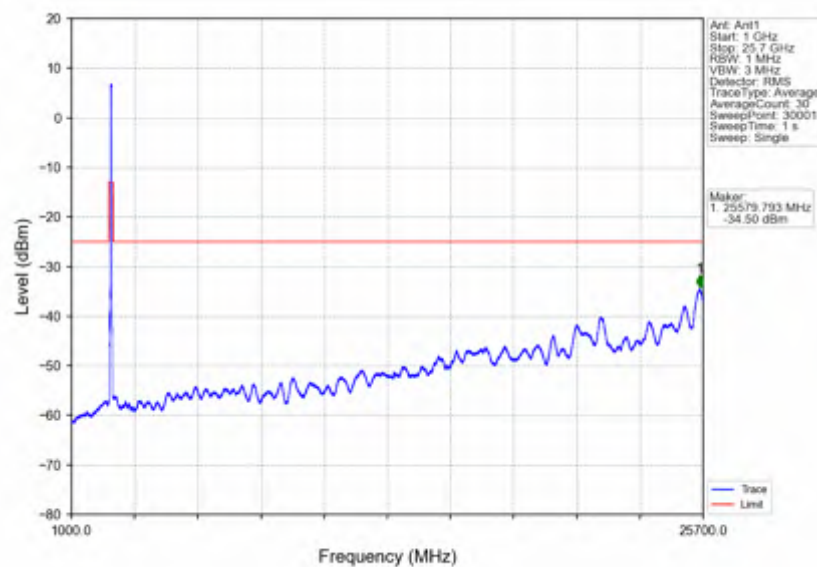
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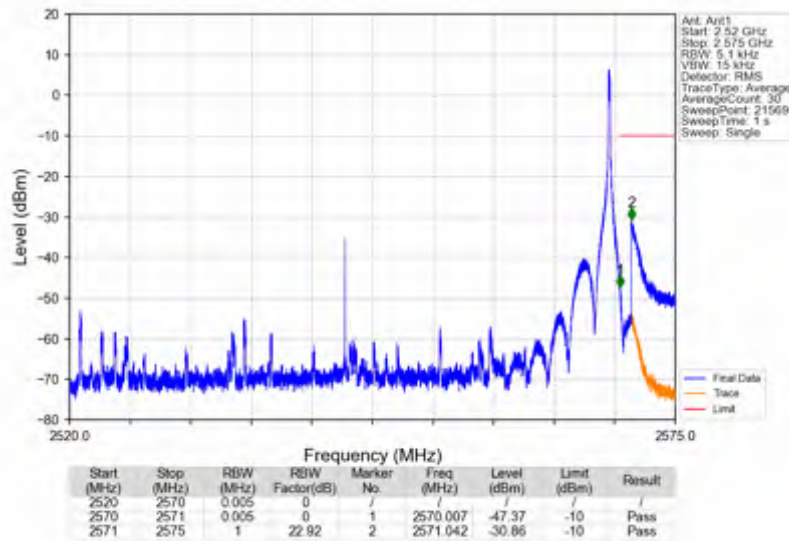


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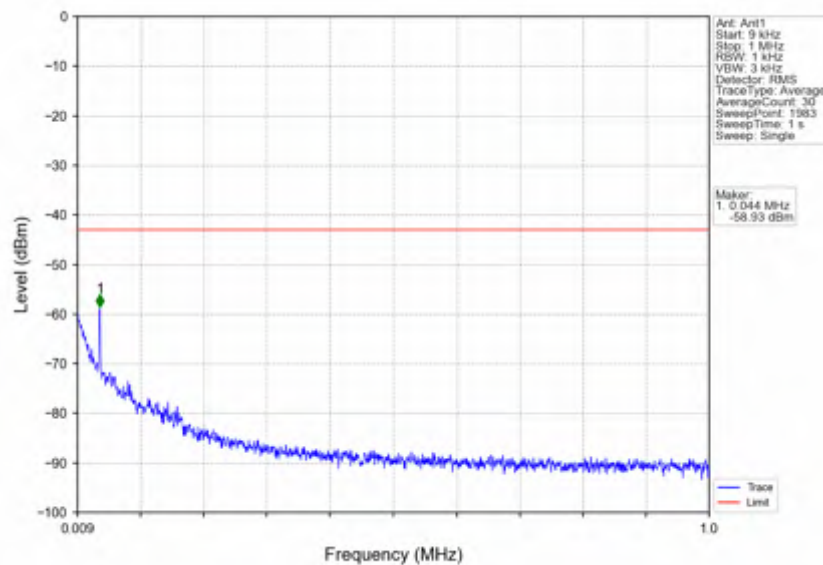
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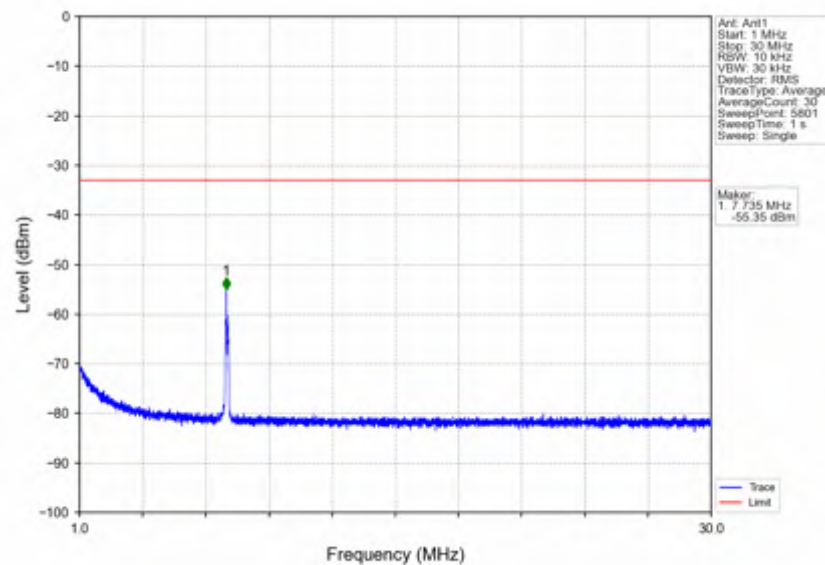
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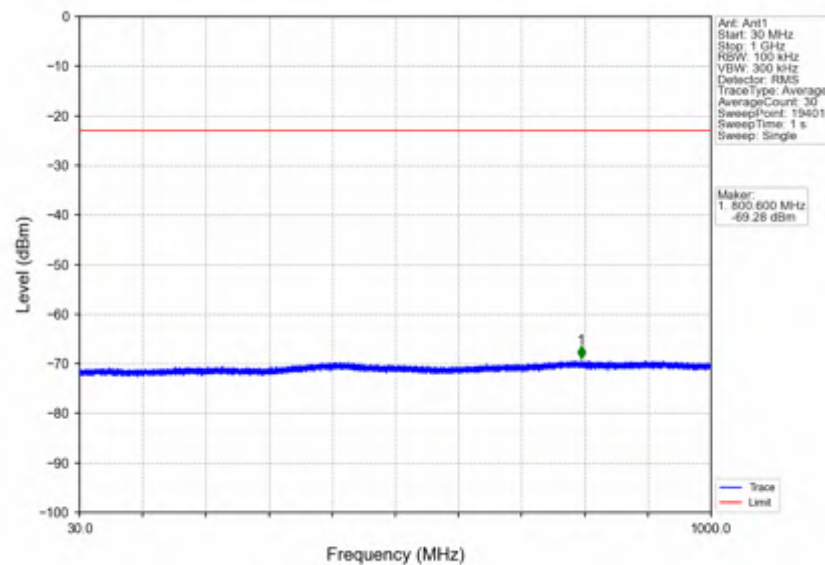
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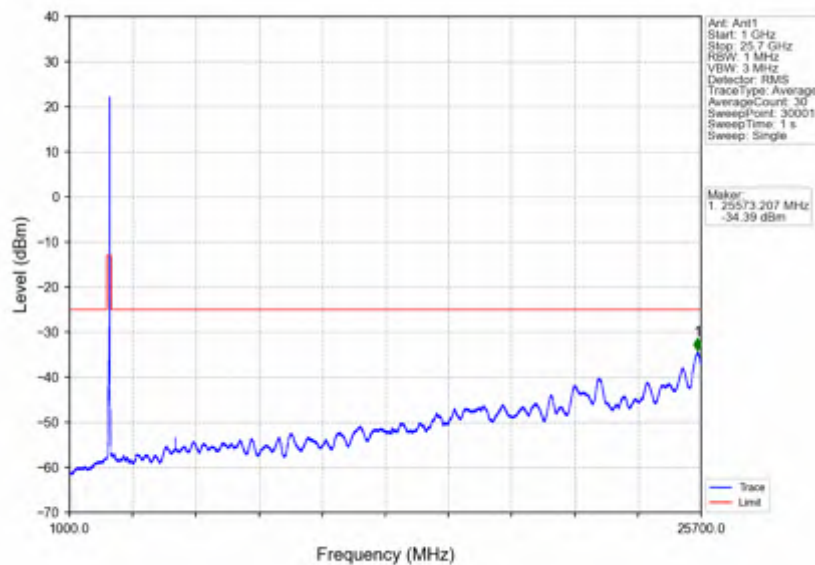
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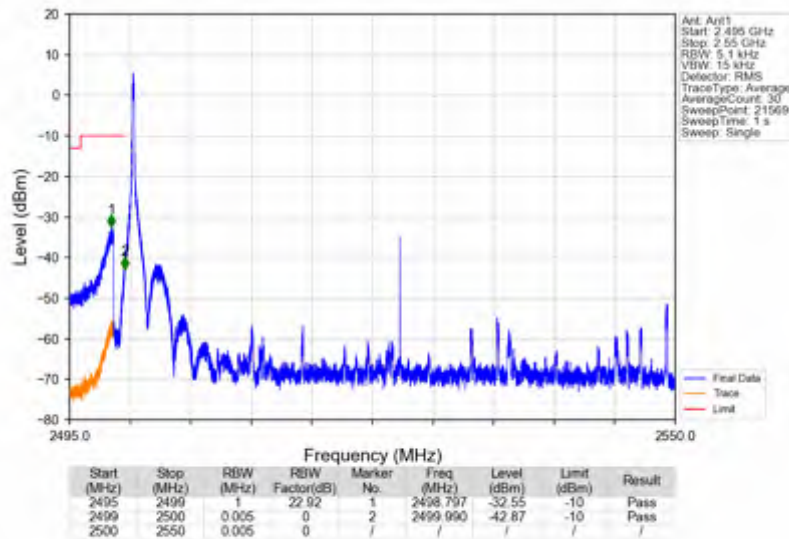
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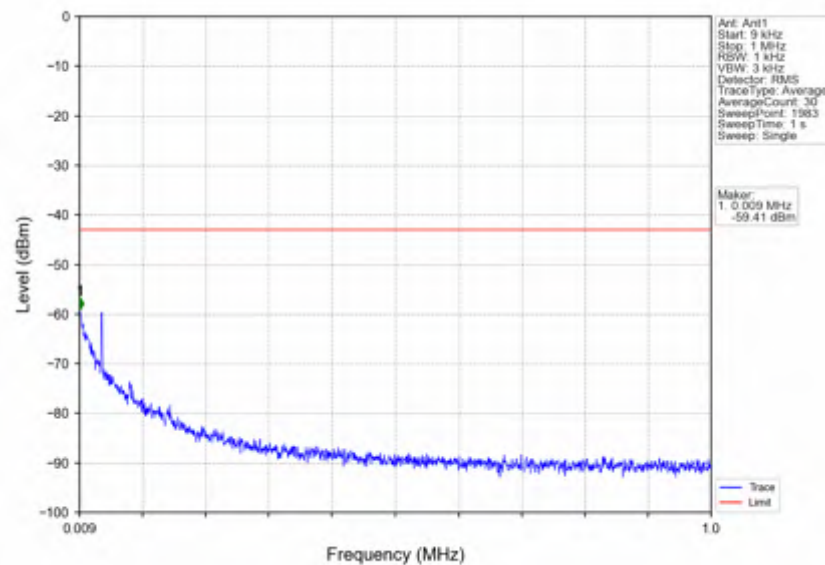
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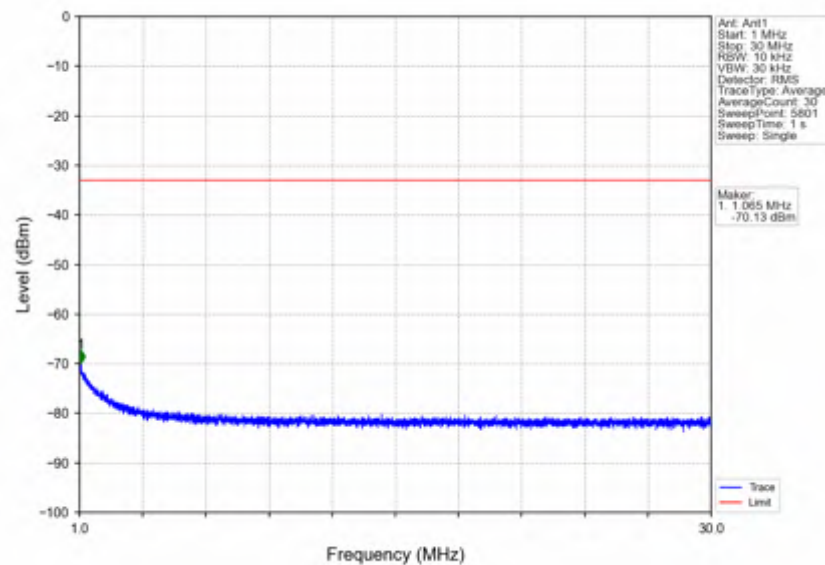
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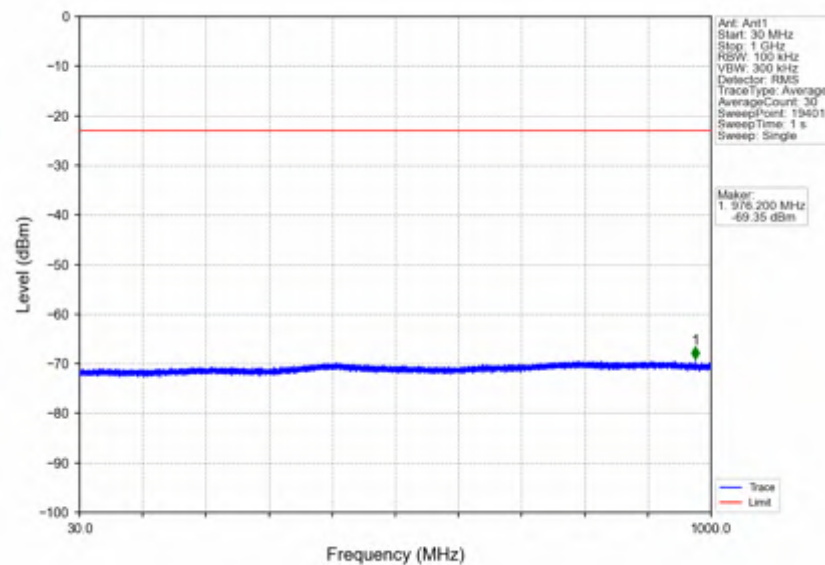


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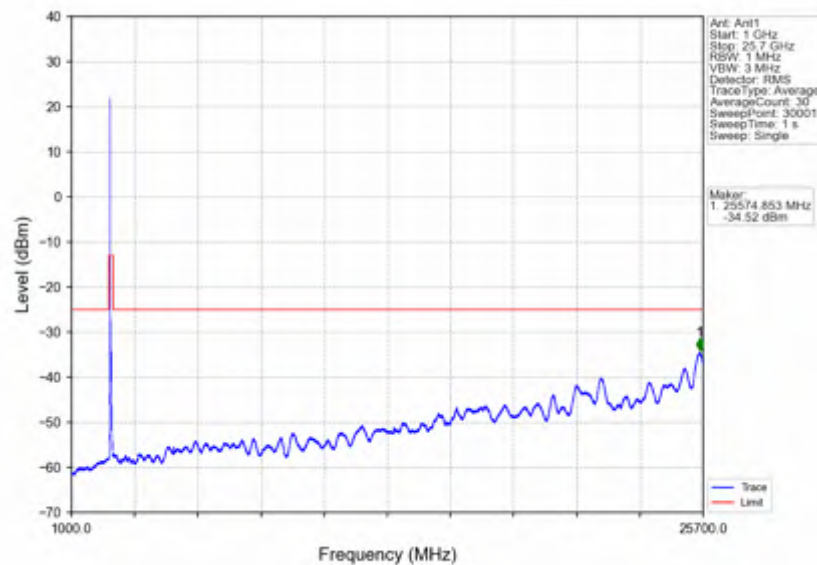
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left



n7 15kHz SISO NTN 50MHz DFT-s-OFDM QPSK 2525MHz Edge 1RB Left

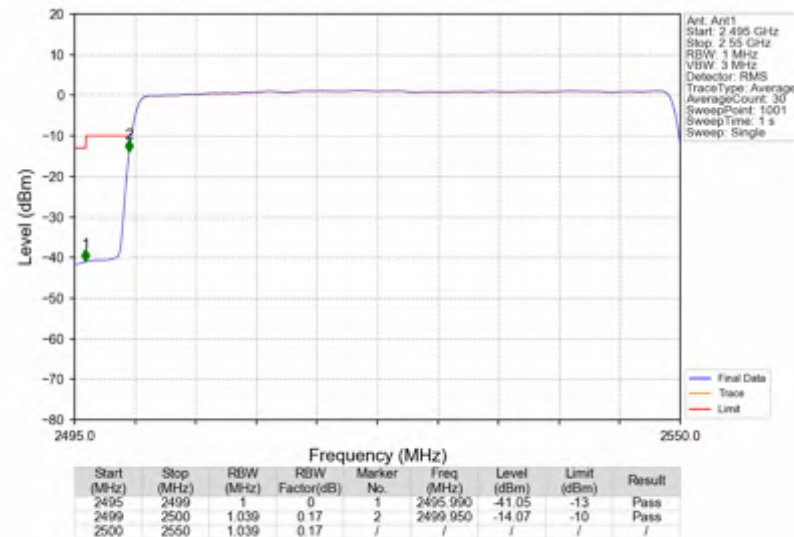


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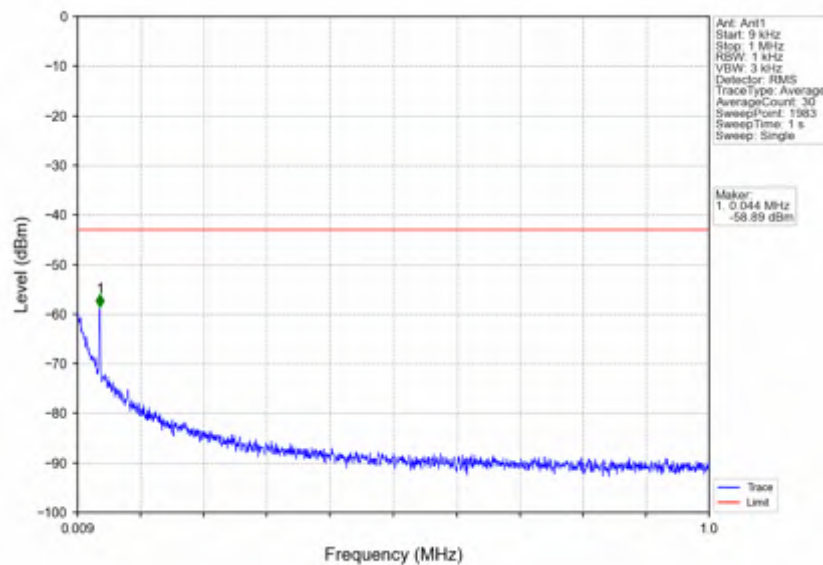
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full



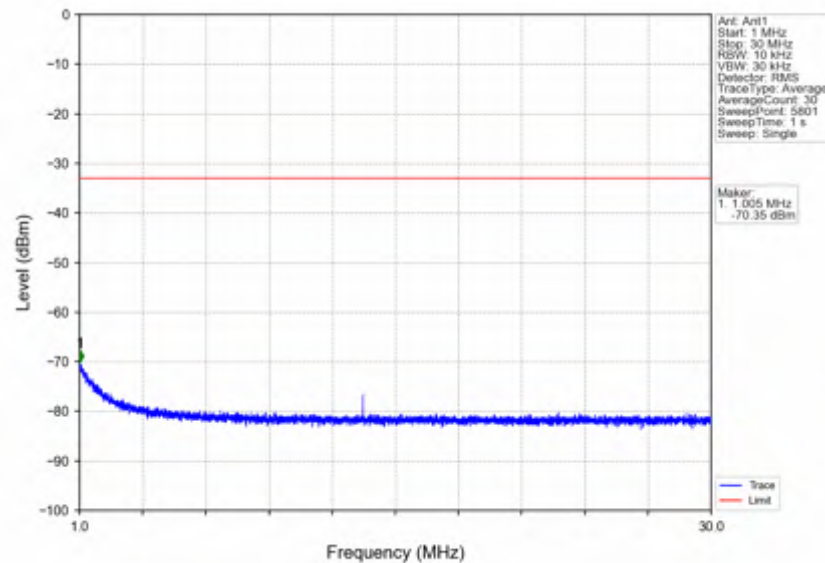
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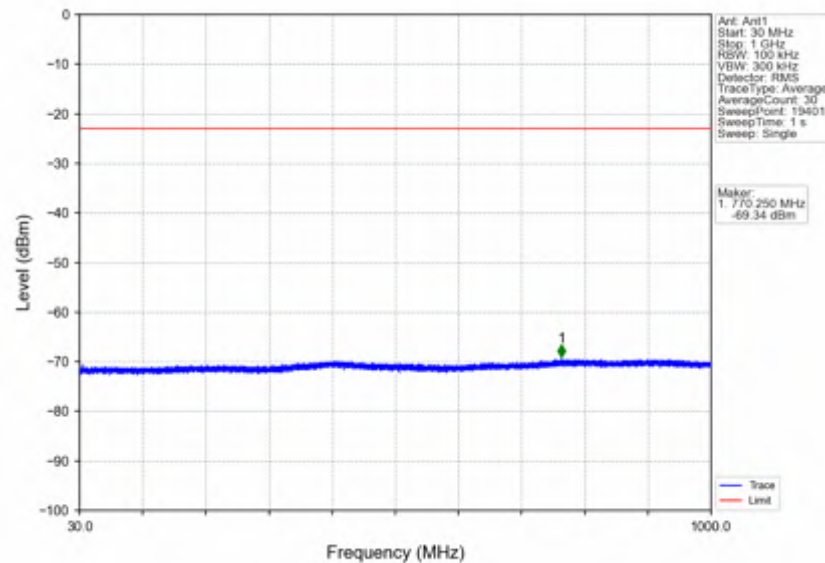
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full



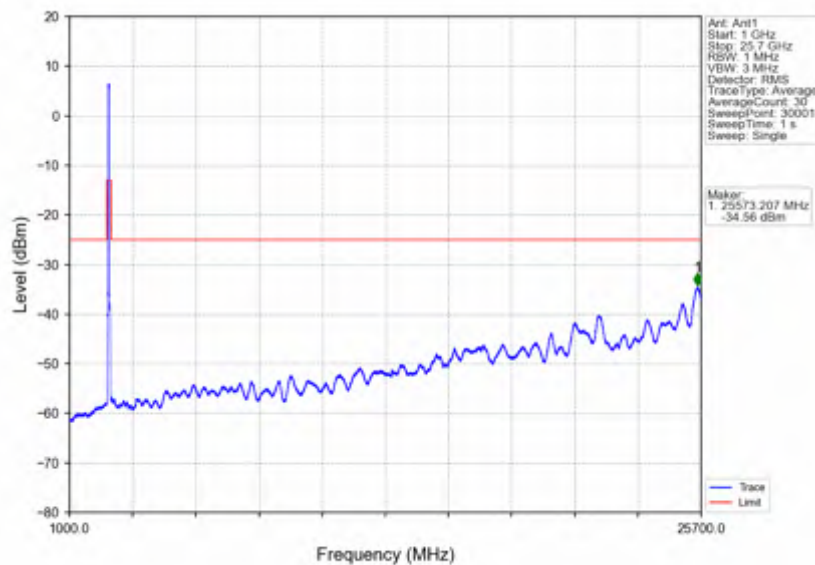
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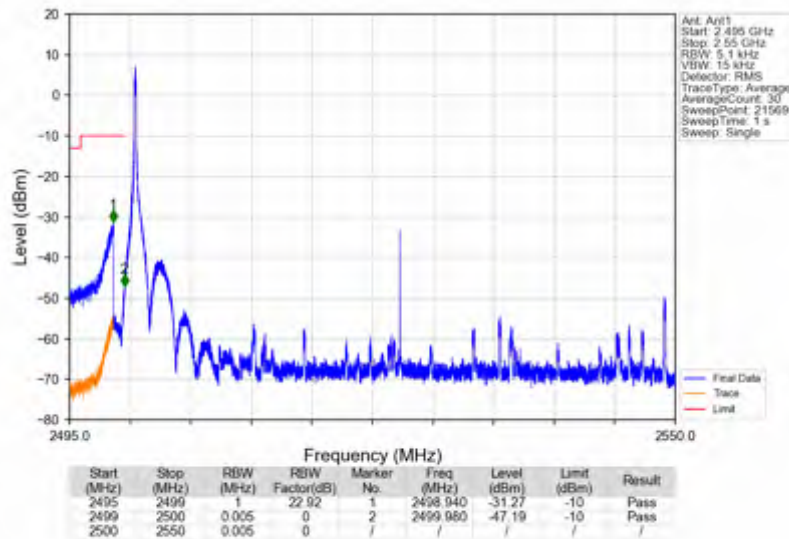
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Inner_1RB_Left



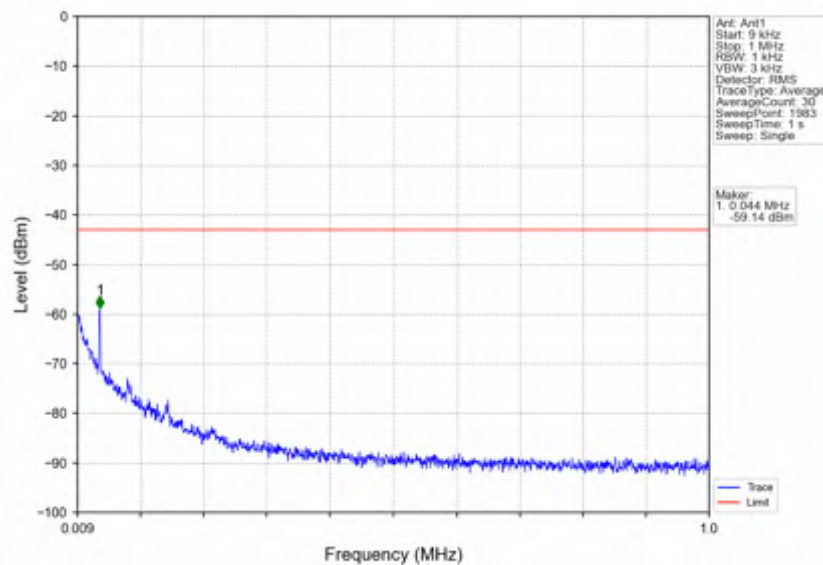
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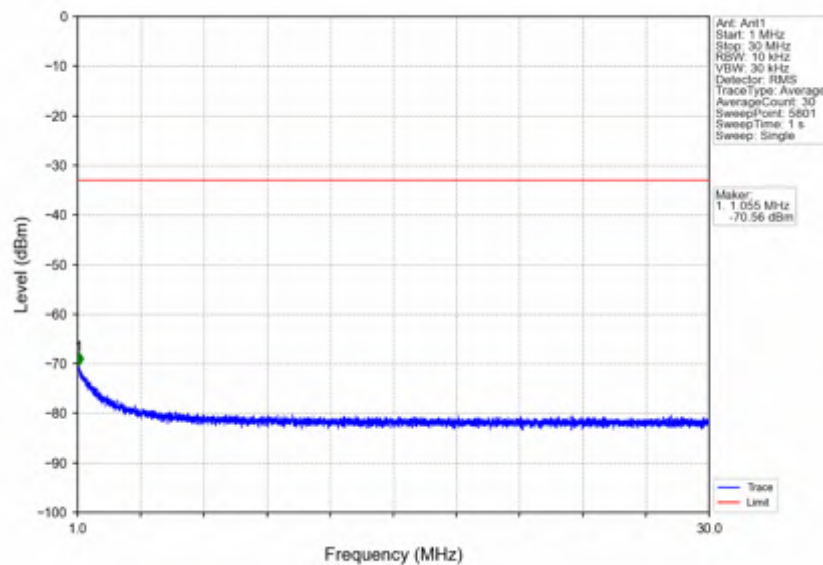
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Inner_1RB_Left



n7	15kHz	SISO	NTNV	50MHz	DFT-s-OFDM	QPSK	2525MHz	Inner	1RB	Left
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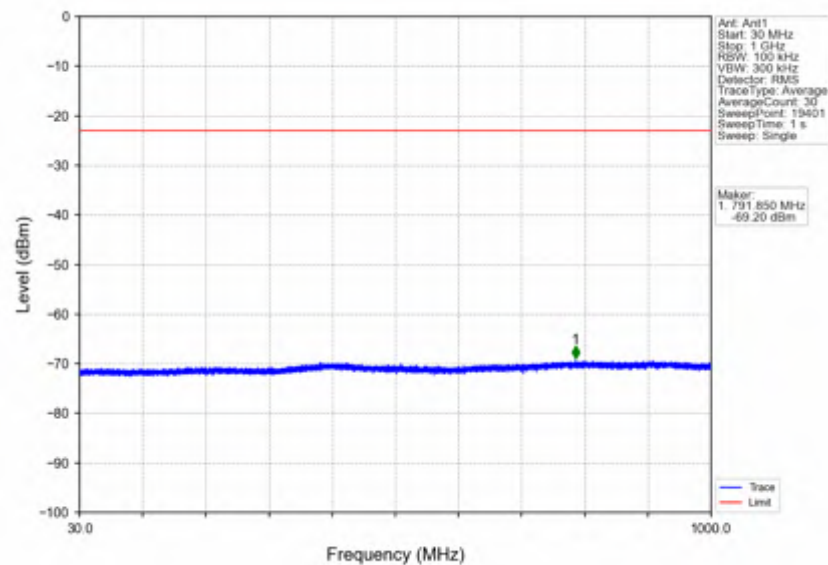


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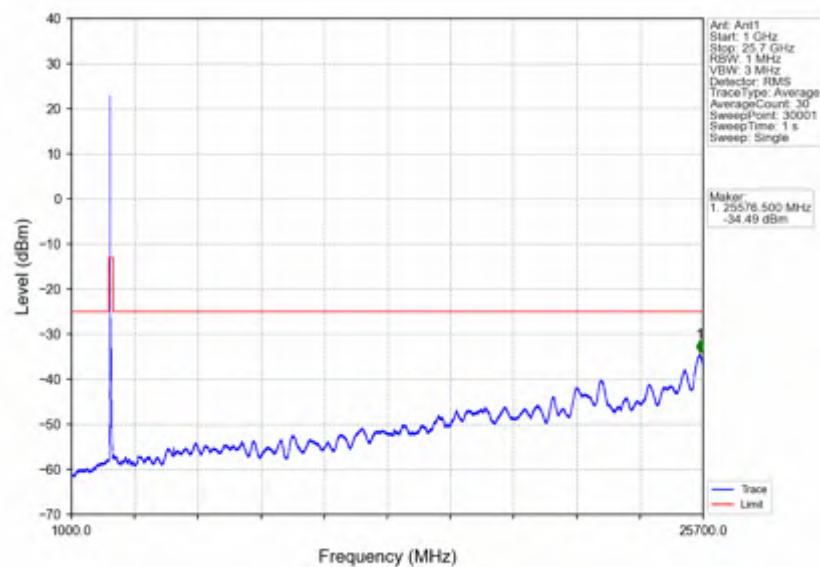
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Inner_1RB_Left



n7	15kHz	SISO	NTNV	50MHz	DFT-s-OFDM	QPSK	2525MHz	Inner	1RB	Left
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