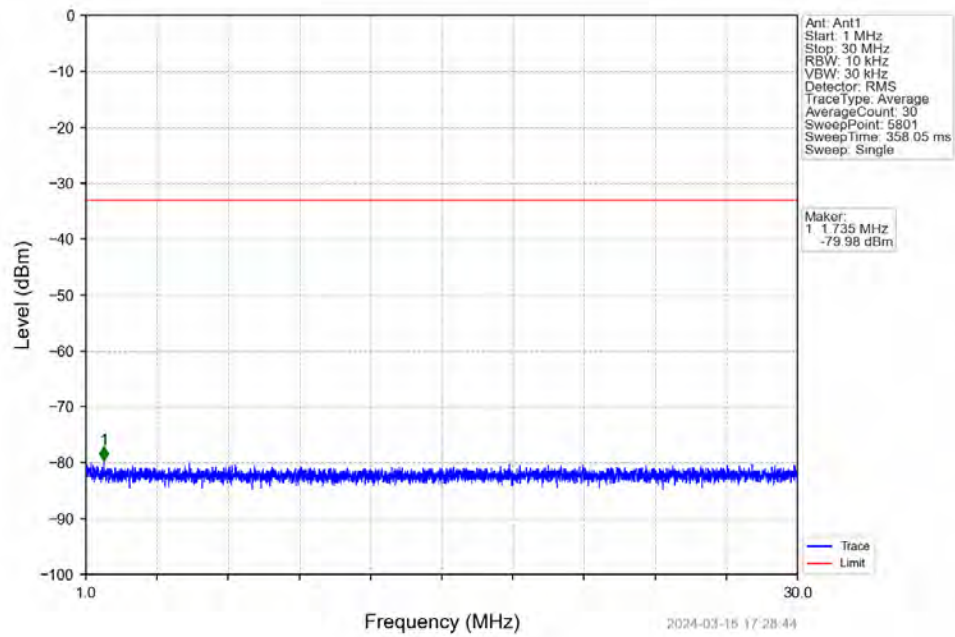
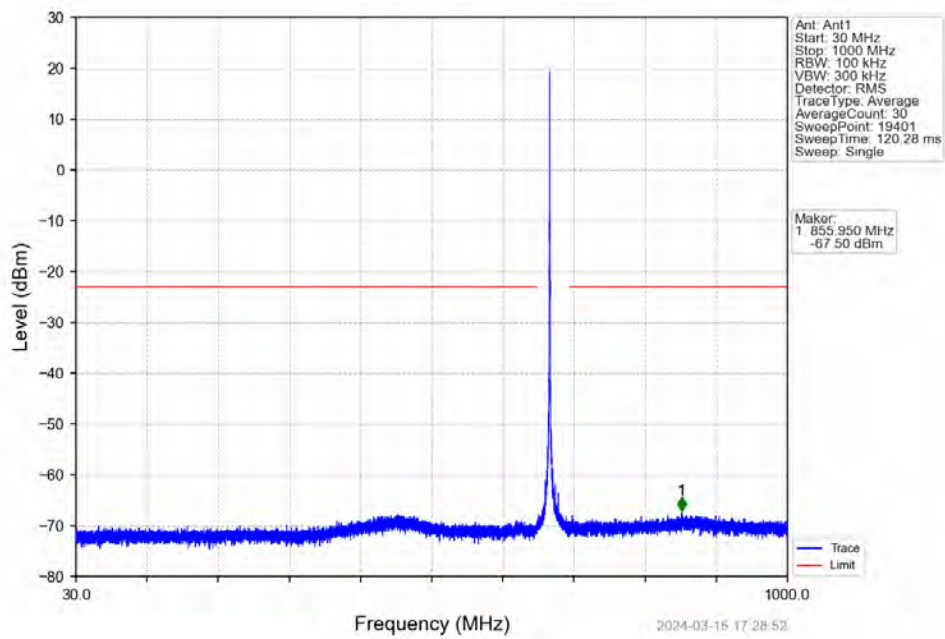


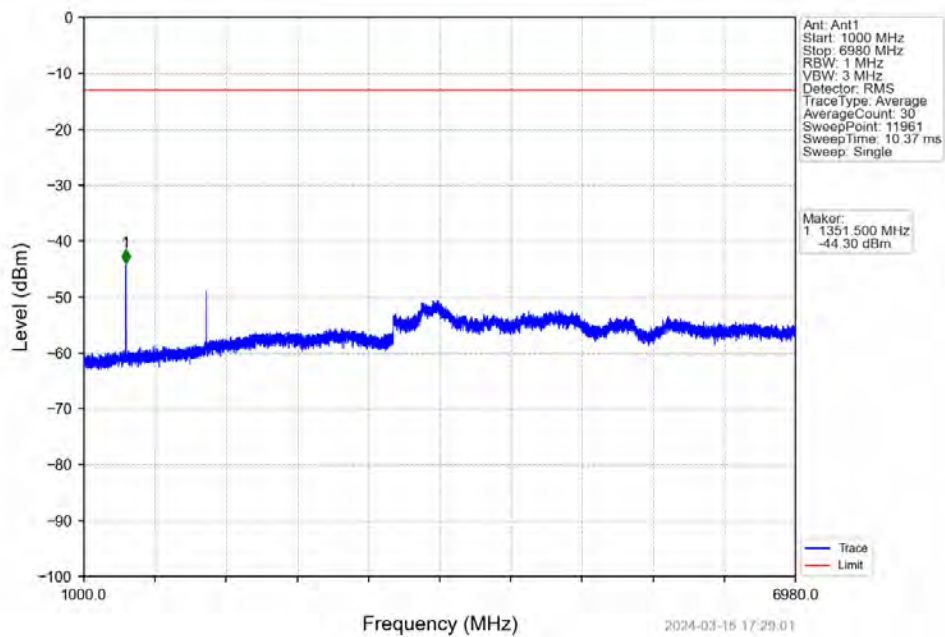
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



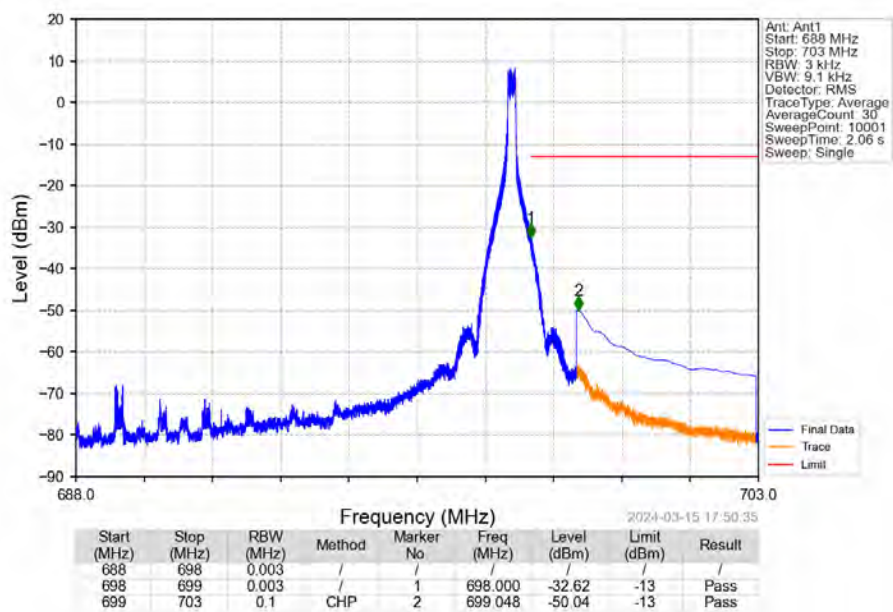
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



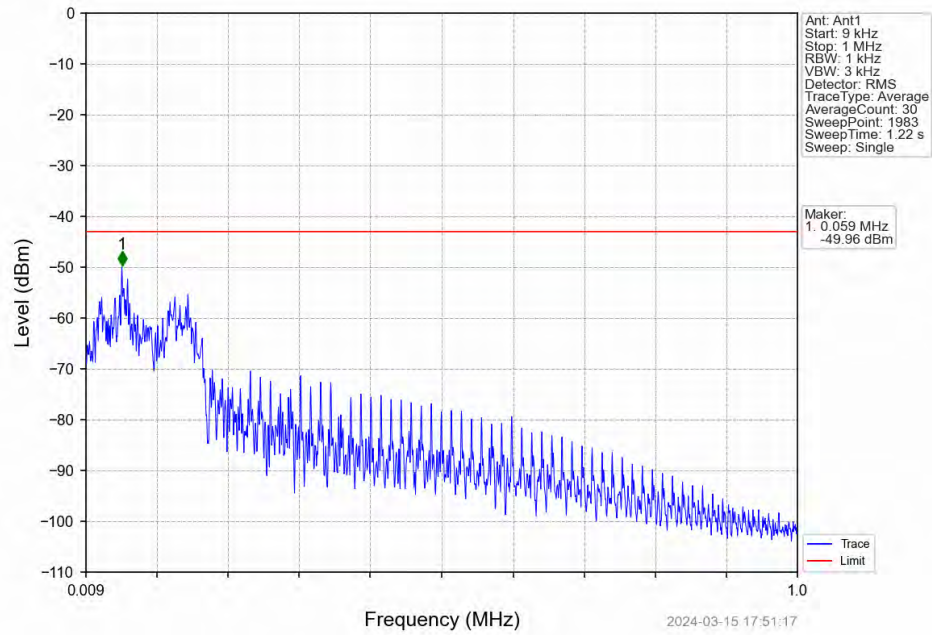
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



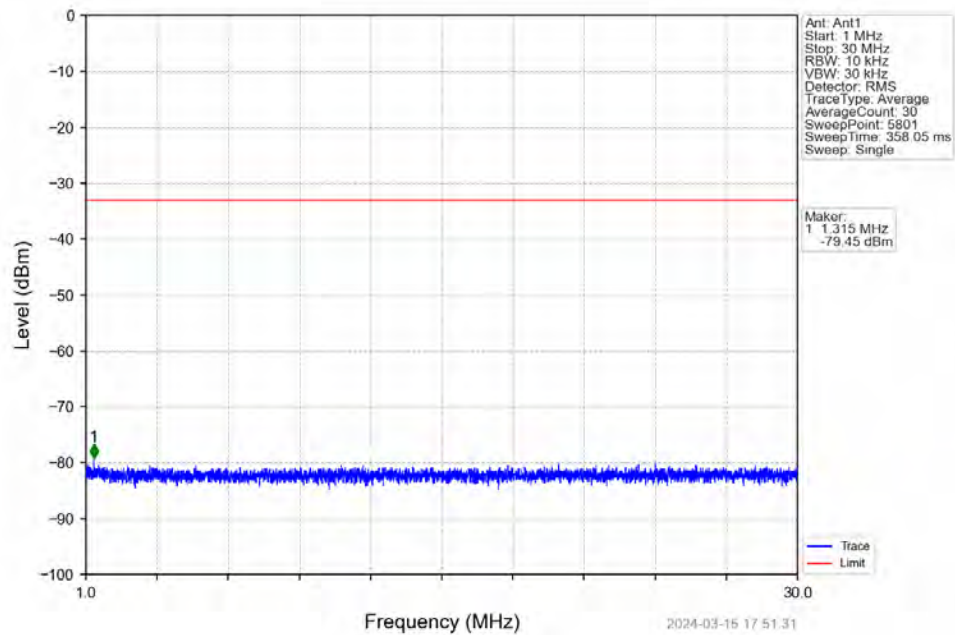
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 693MHz Edge 1RB Right



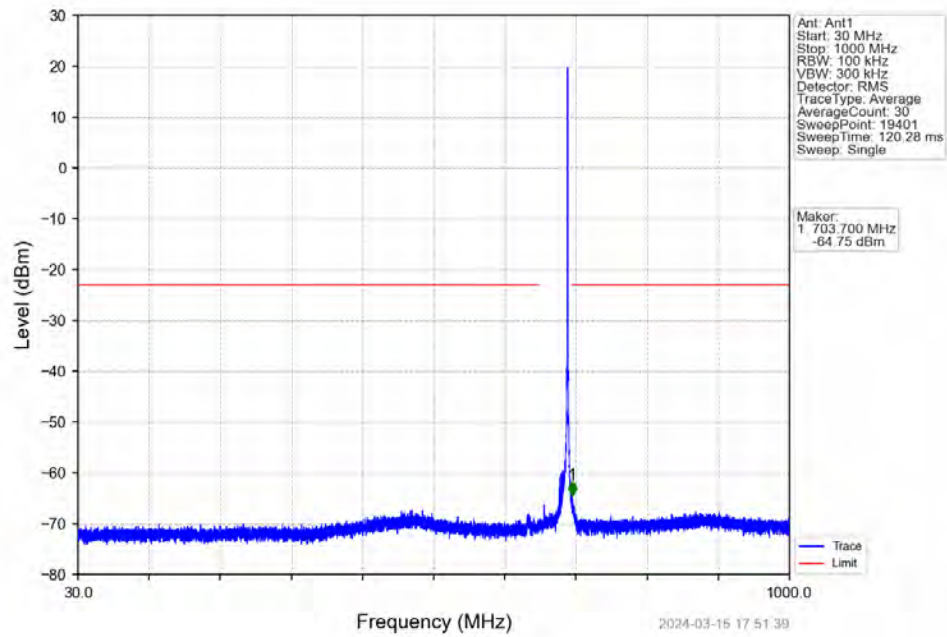
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 693MHz Edge 1RB Right



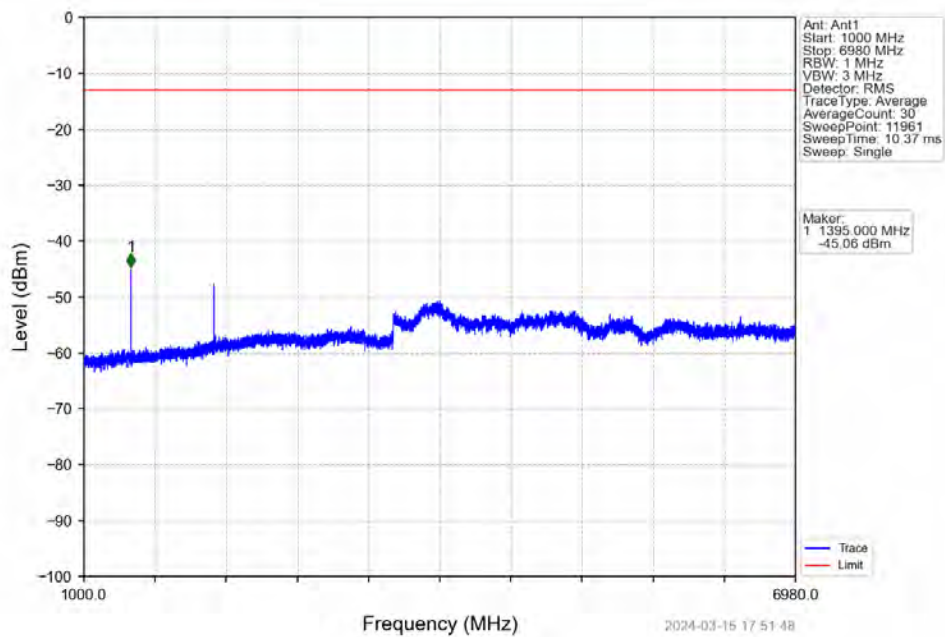
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 693MHz Edge 1RB Right



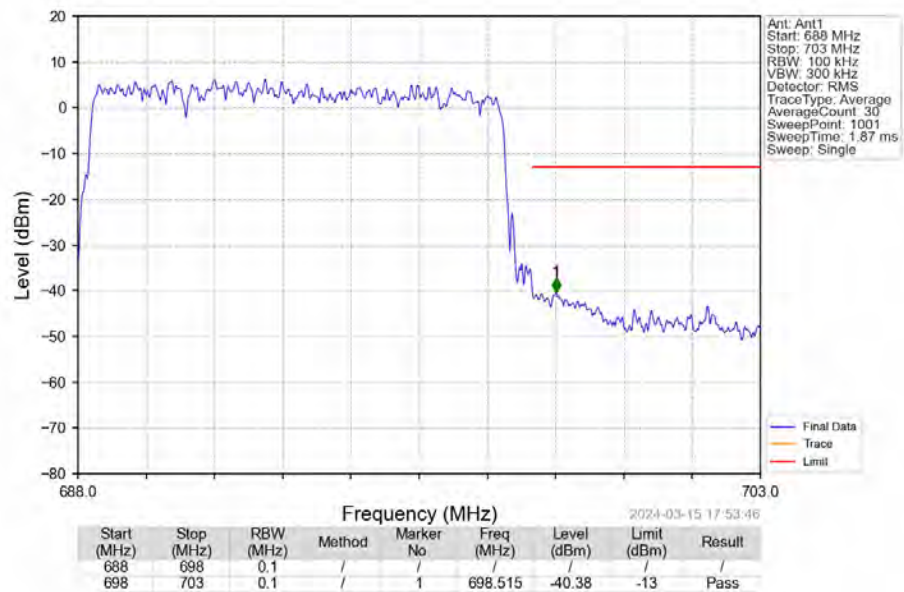
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 693MHz Edge 1RB Right



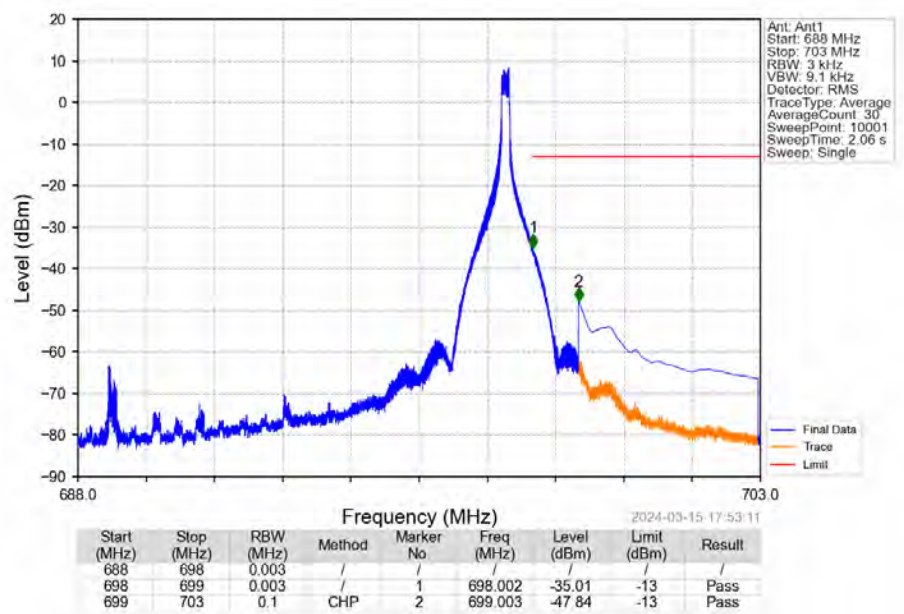
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 693MHz Edge 1RB Right



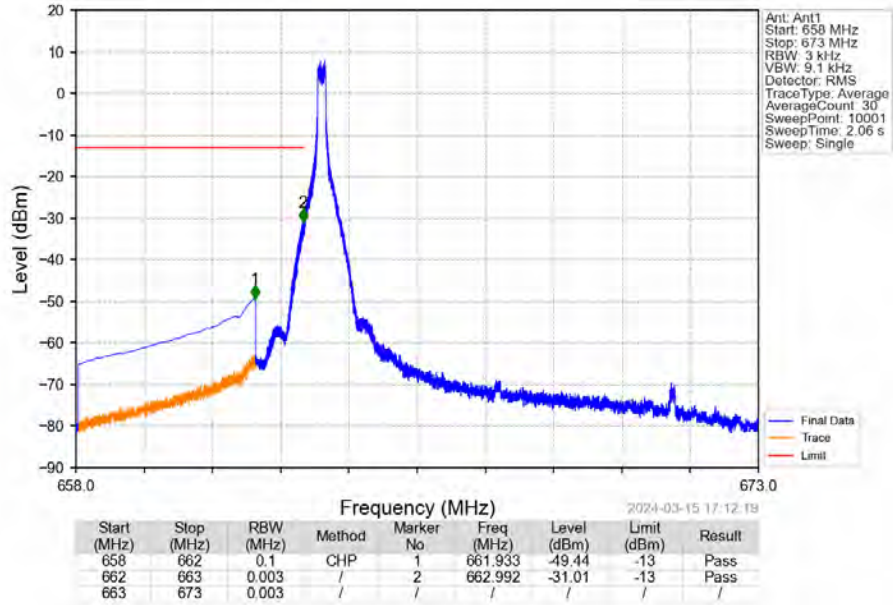
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 693MHz Outer Full



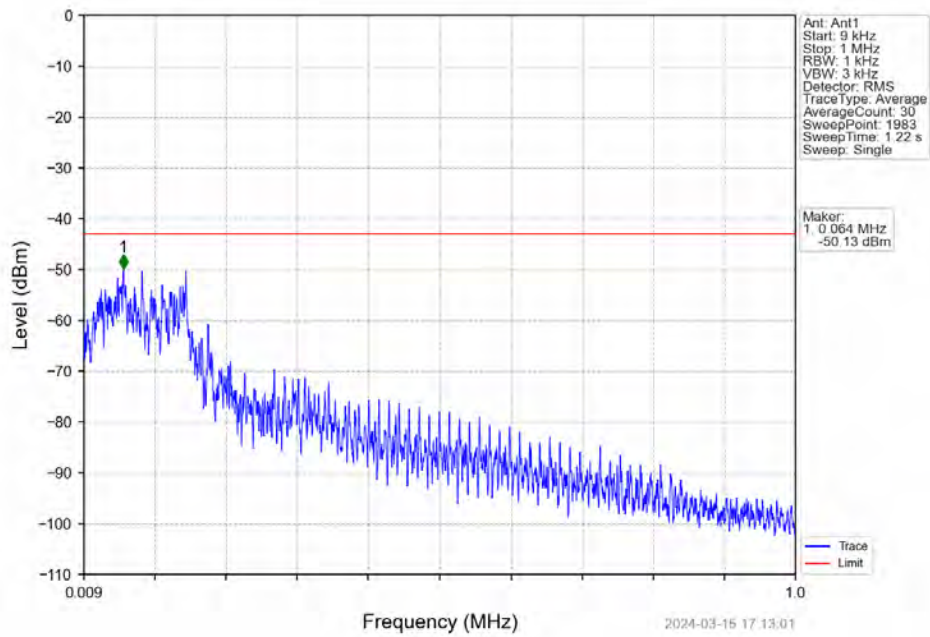
n71 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 693MHz Inner 1RB Right



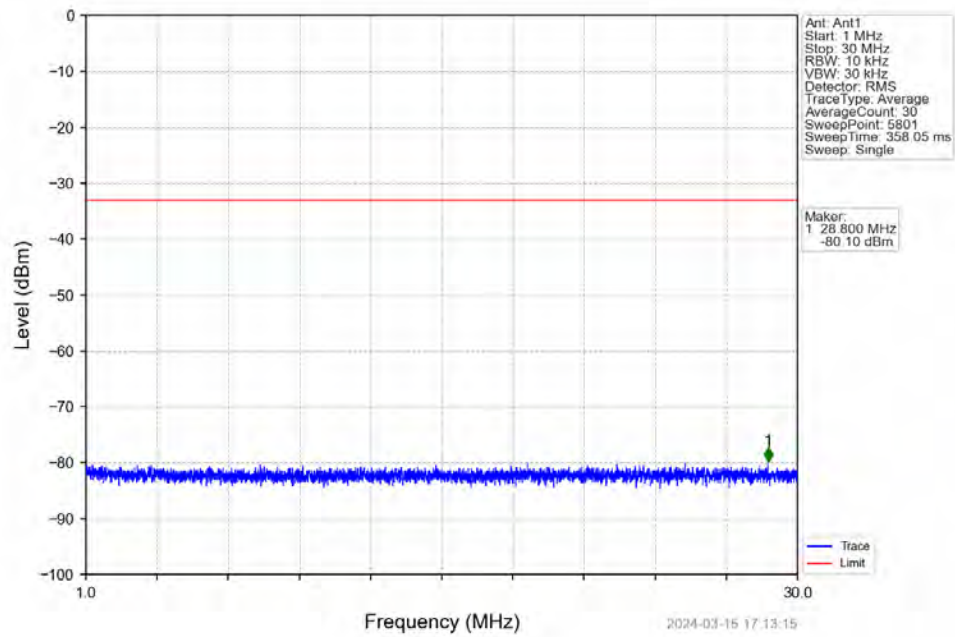
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Edge 1RB Left



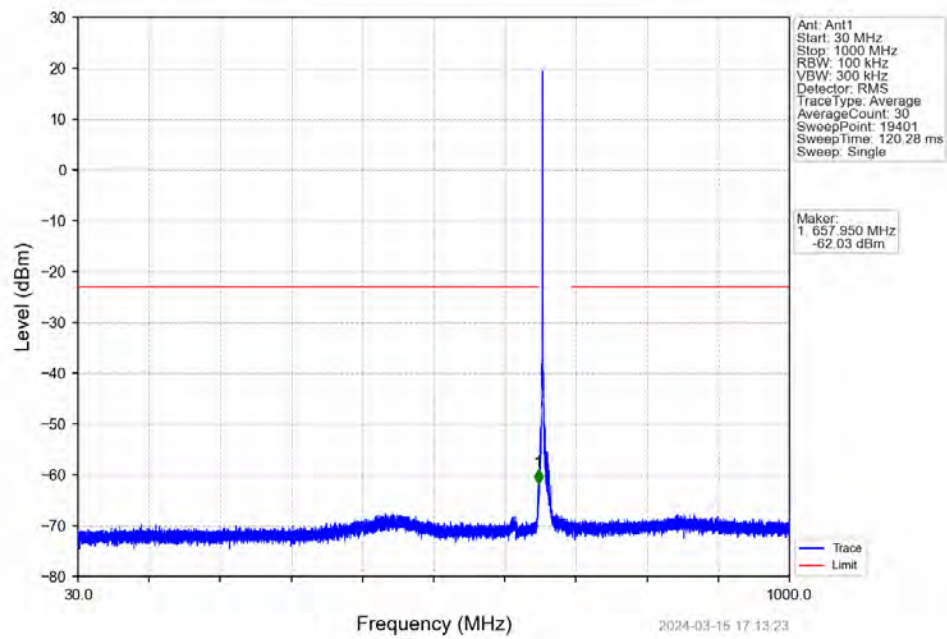
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Edge 1RB Left



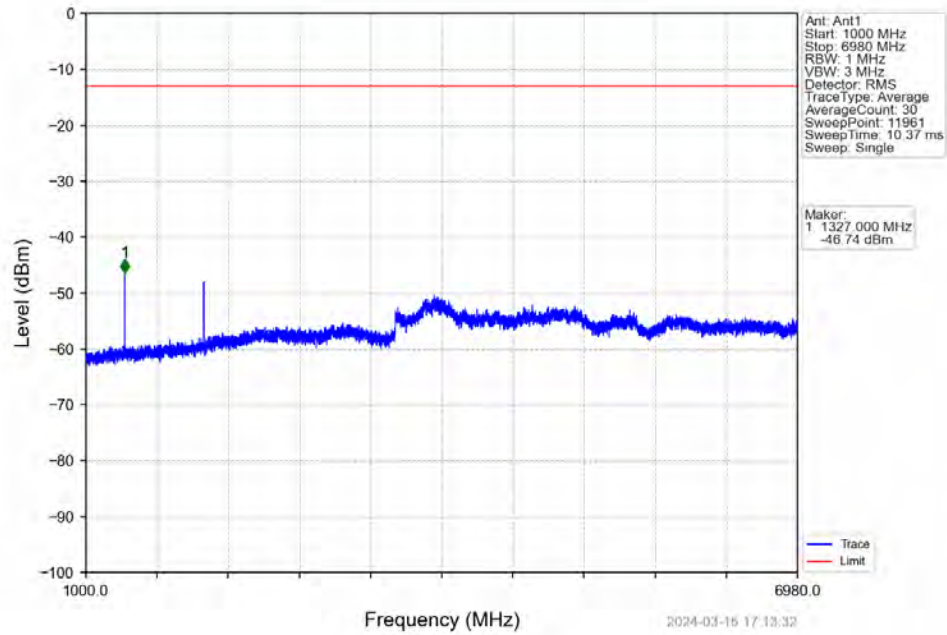
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Edge 1RB Left



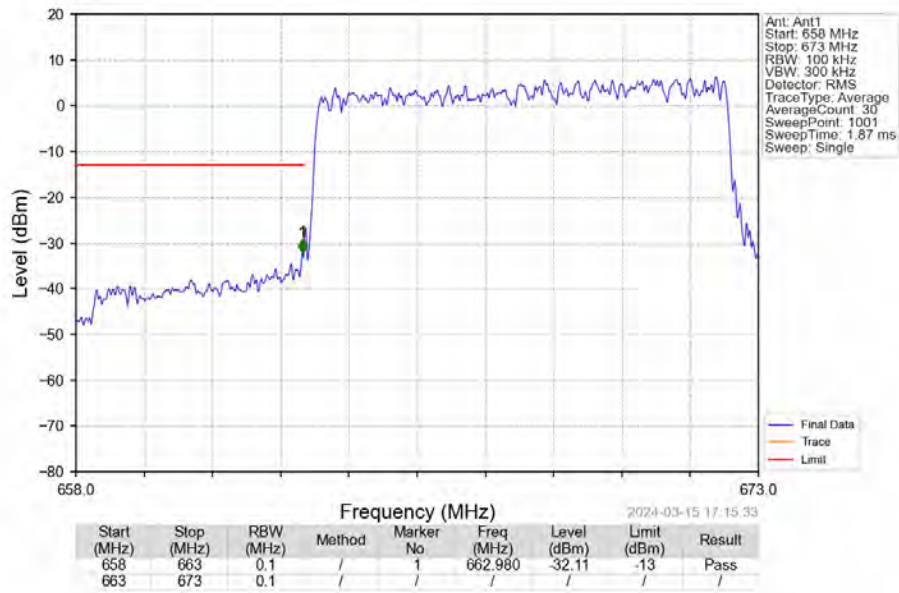
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Edge 1RB Left



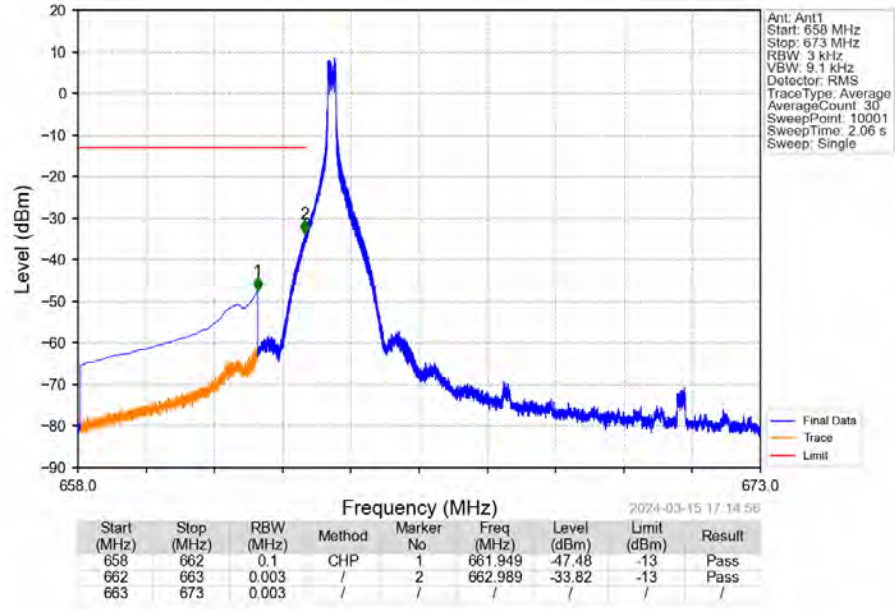
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Edge 1RB Left



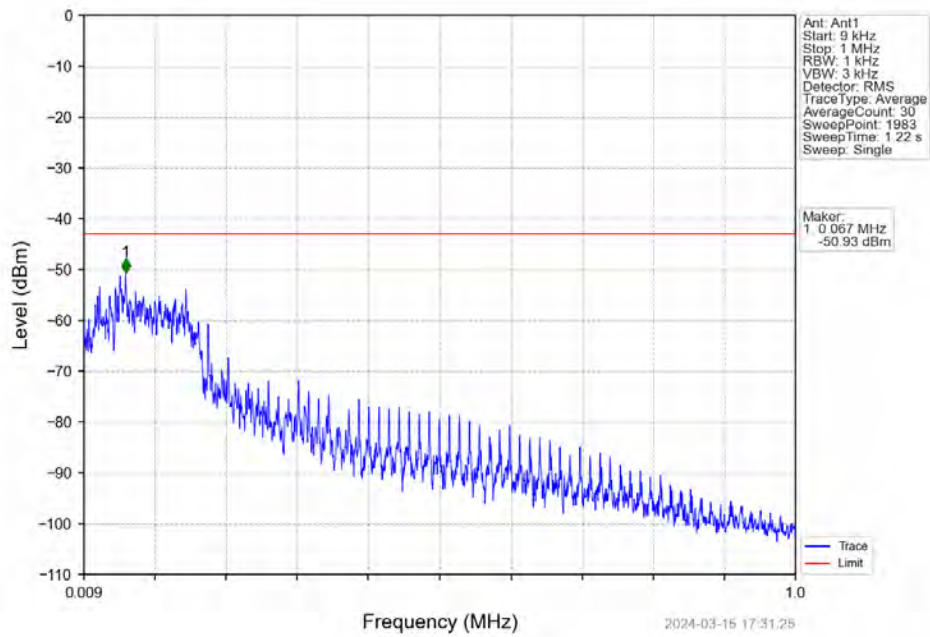
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Outer Full



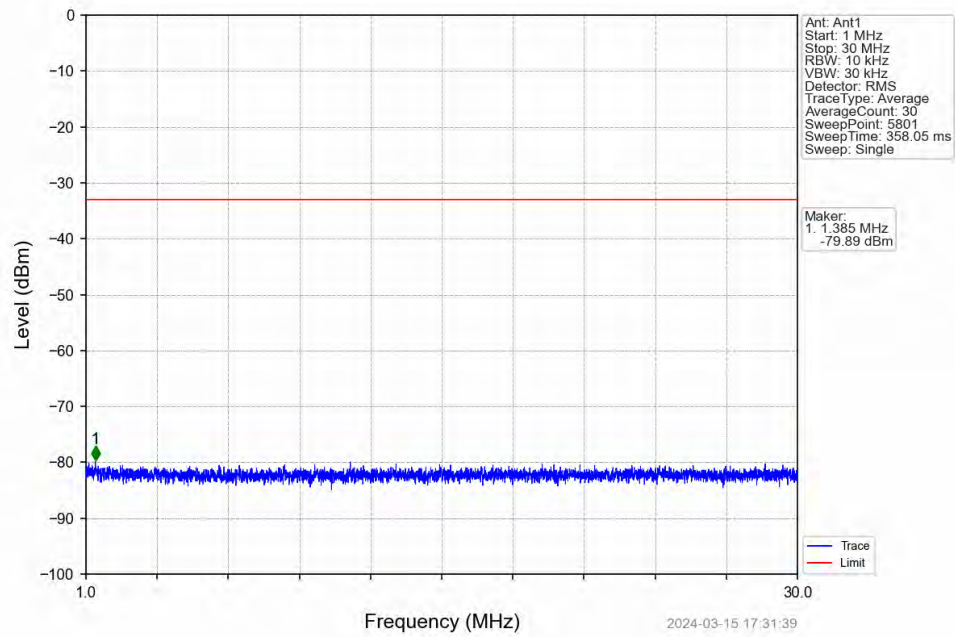
n71 15kHz SISO NTNV 10MHz DFT-s-OFDM QPSK 668MHz Inner 1RB Left



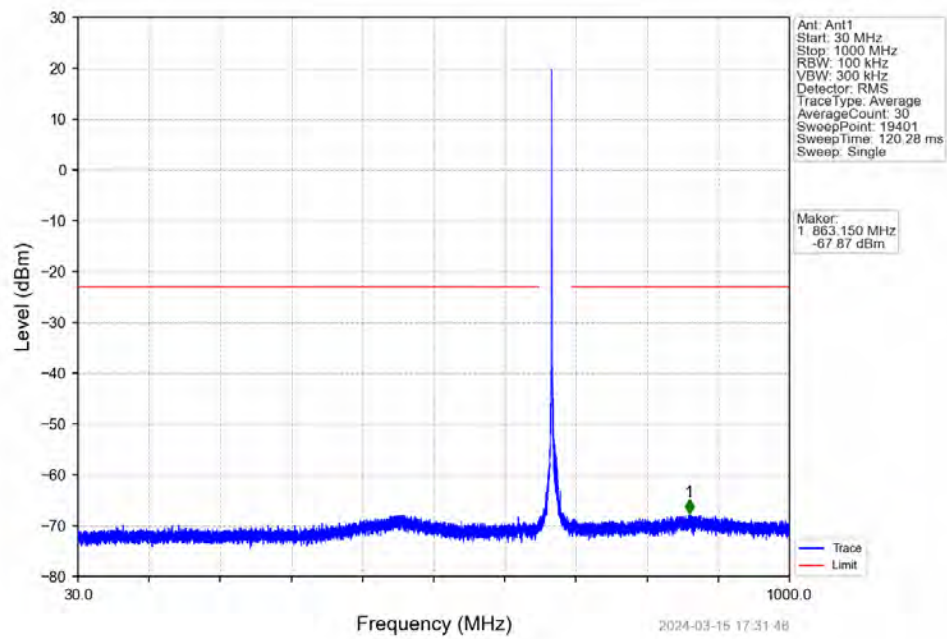
n71 15kHz SISO NTNV 10MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



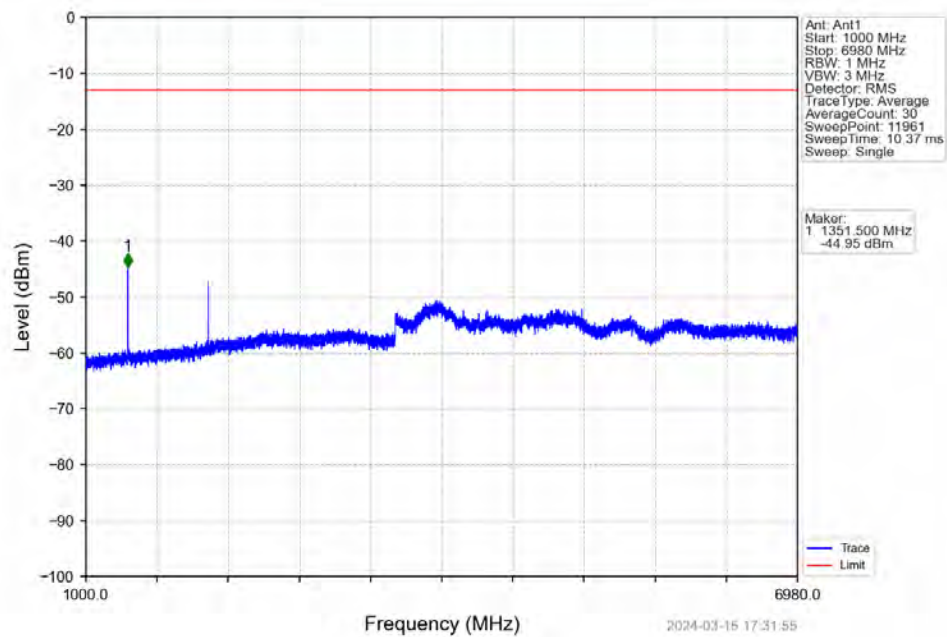
n71 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



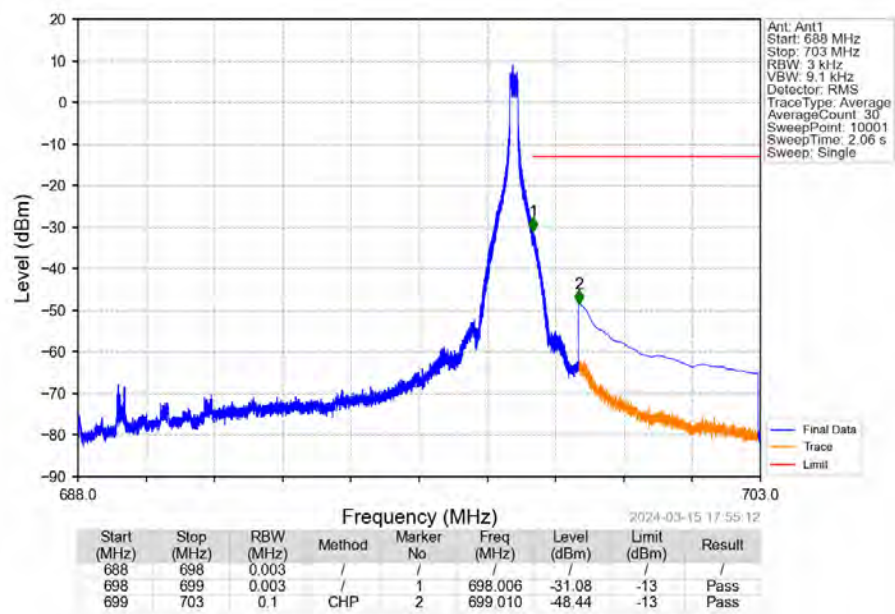
n71 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



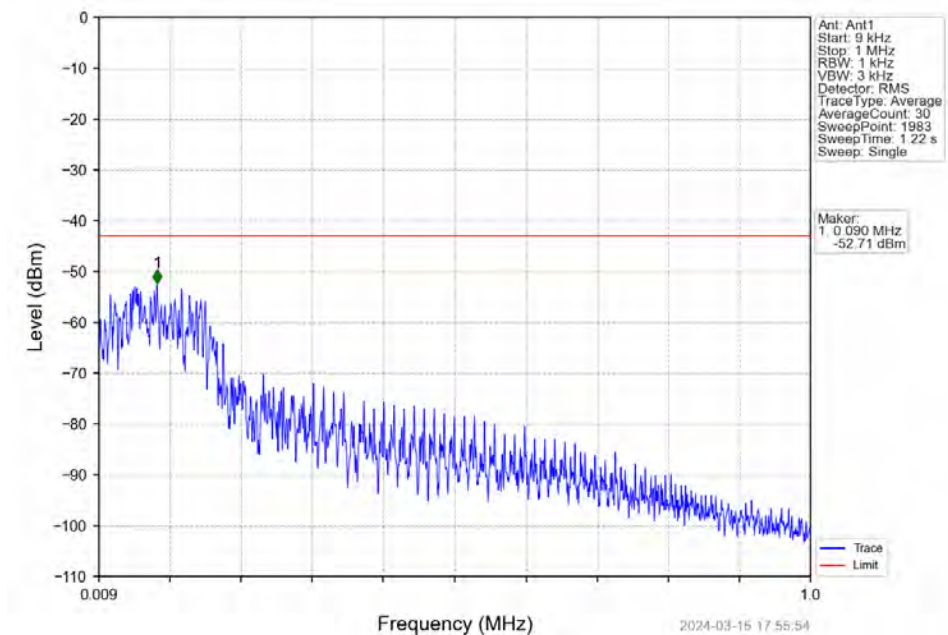
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



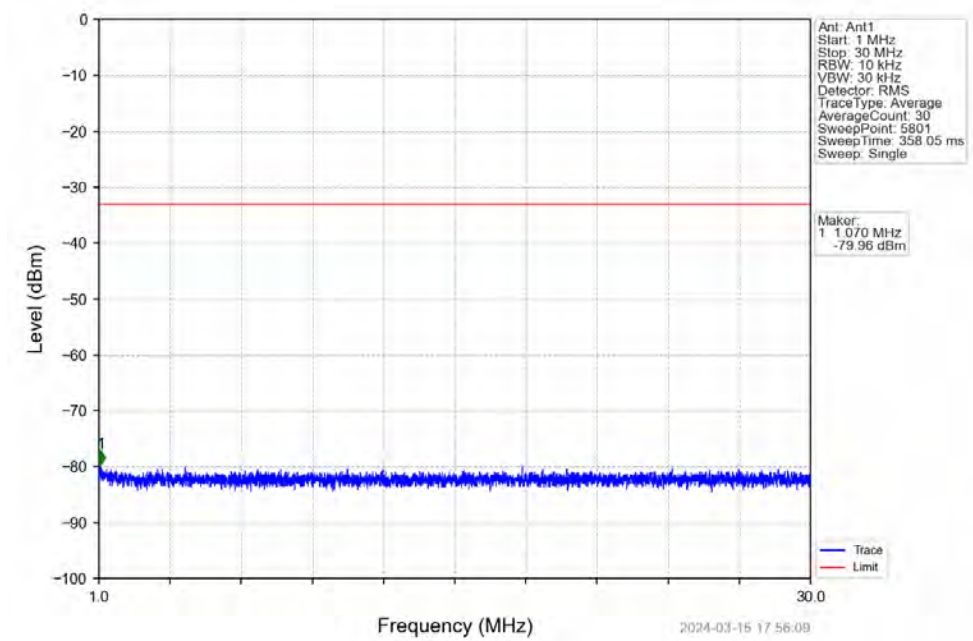
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Edge 1RB Right



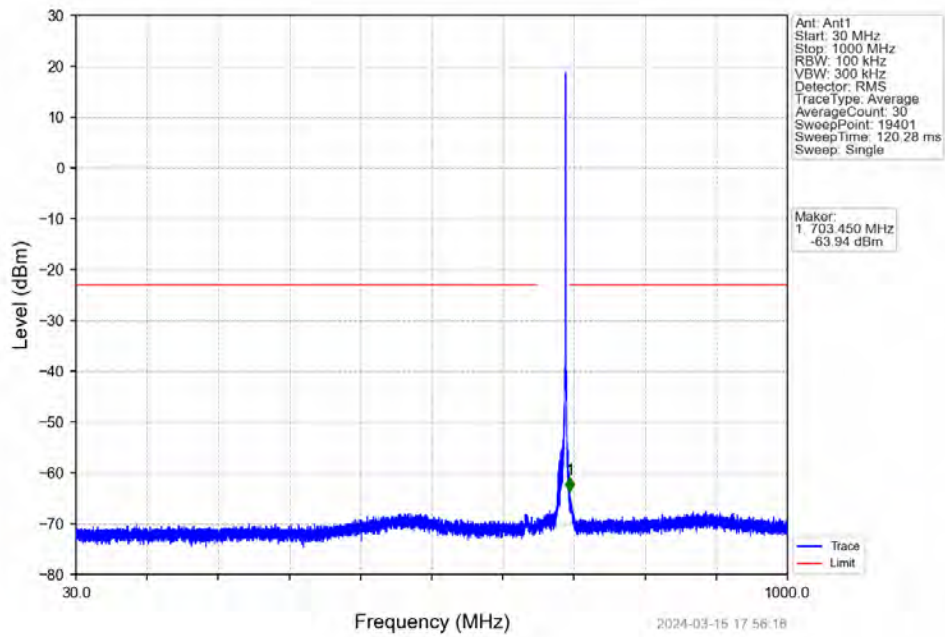
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Edge 1RB Right



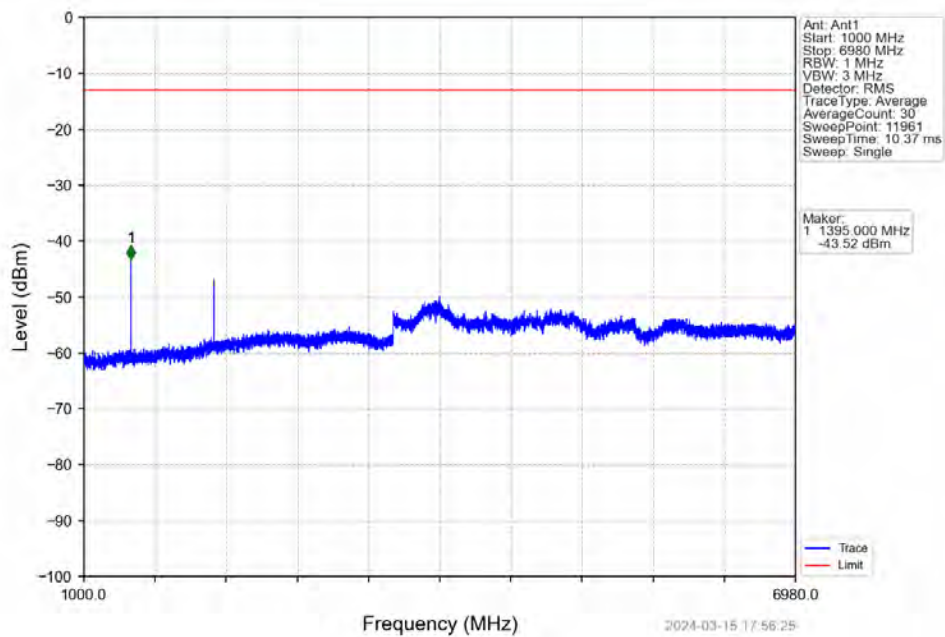
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Edge 1RB Right



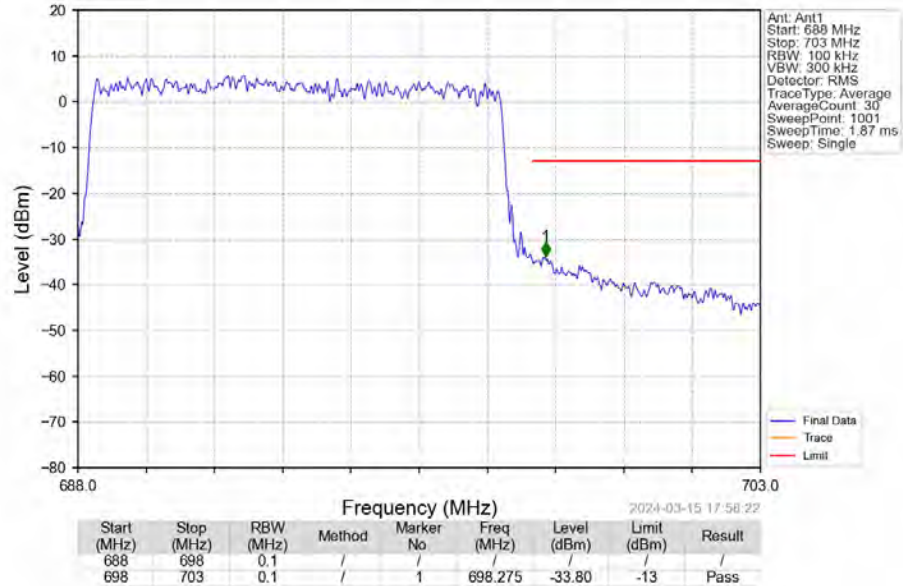
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Edge 1RB Right



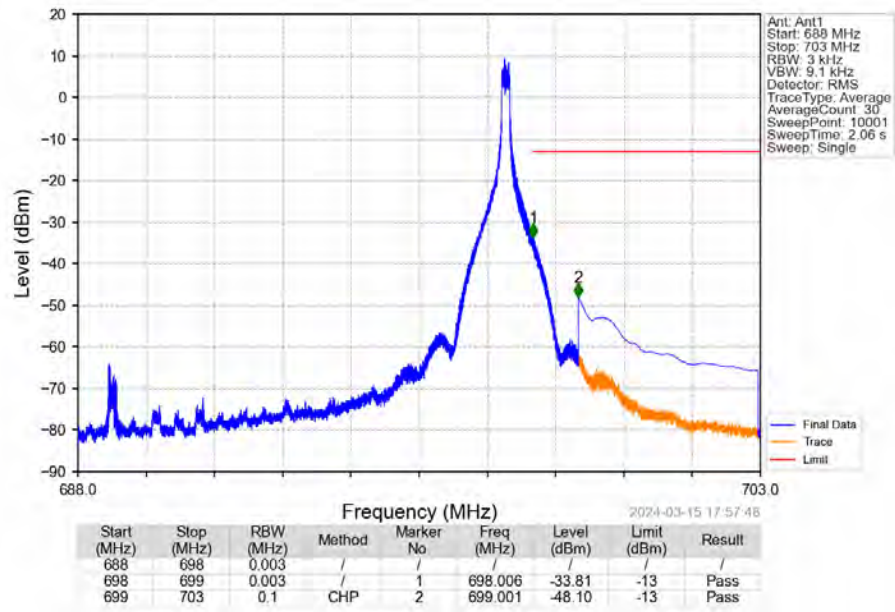
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Edge 1RB Right



n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Outer Full



n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 693MHz Inner 1RB Right

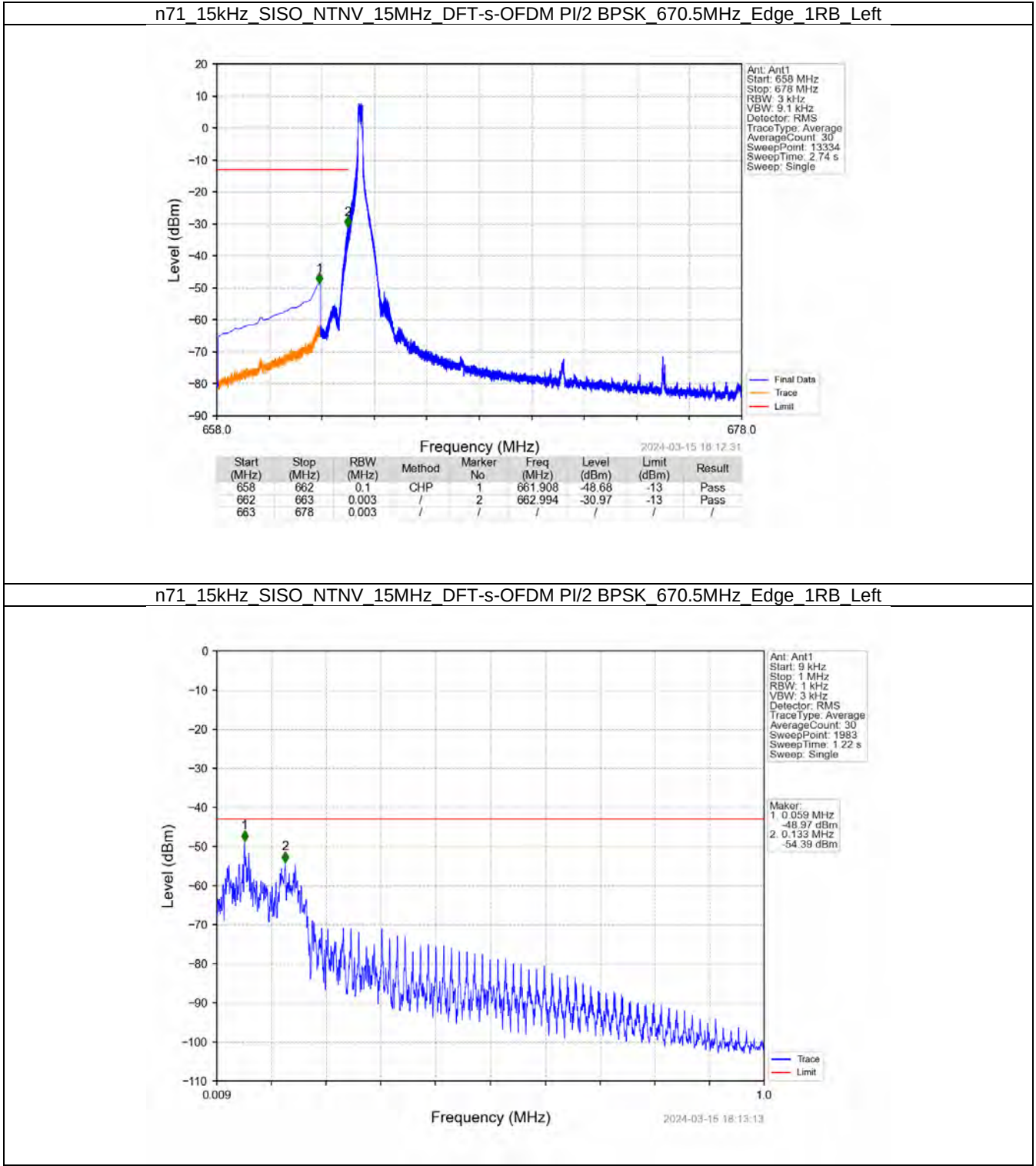


5.3 15k_SISO_15MHz_NTNV

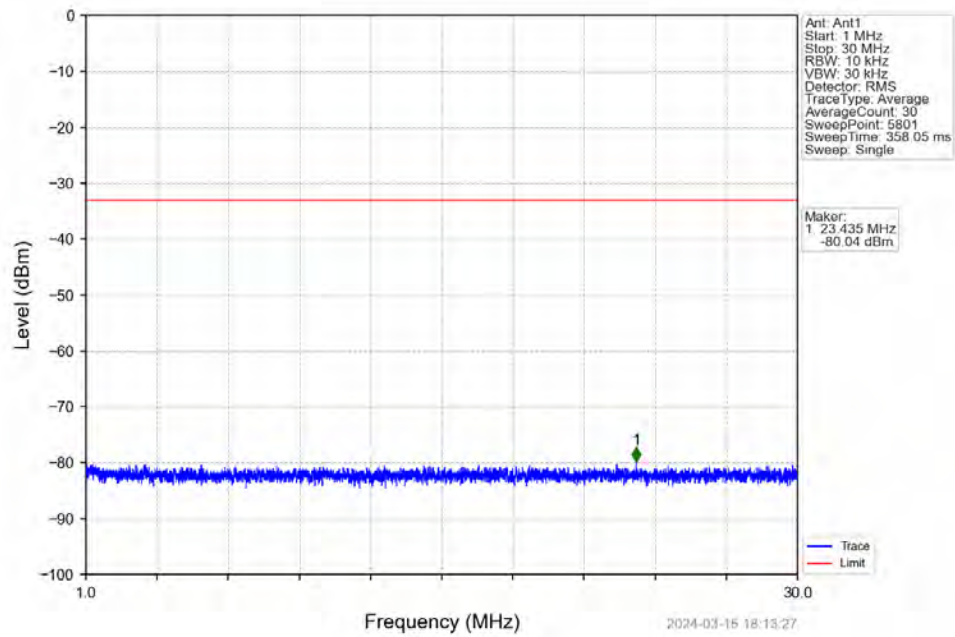
5.3.1 Test Result

5G NR n71 SCS=15kHz SISO 15MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		690.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	
	DFT-s-OFDM QPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
680.5		Edge_1RB_Left	Refer To Test Graph				Pass	
		690.5	Edge_1RB_Right	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
Inner_1RB_Right			Refer To Test Graph				Pass	

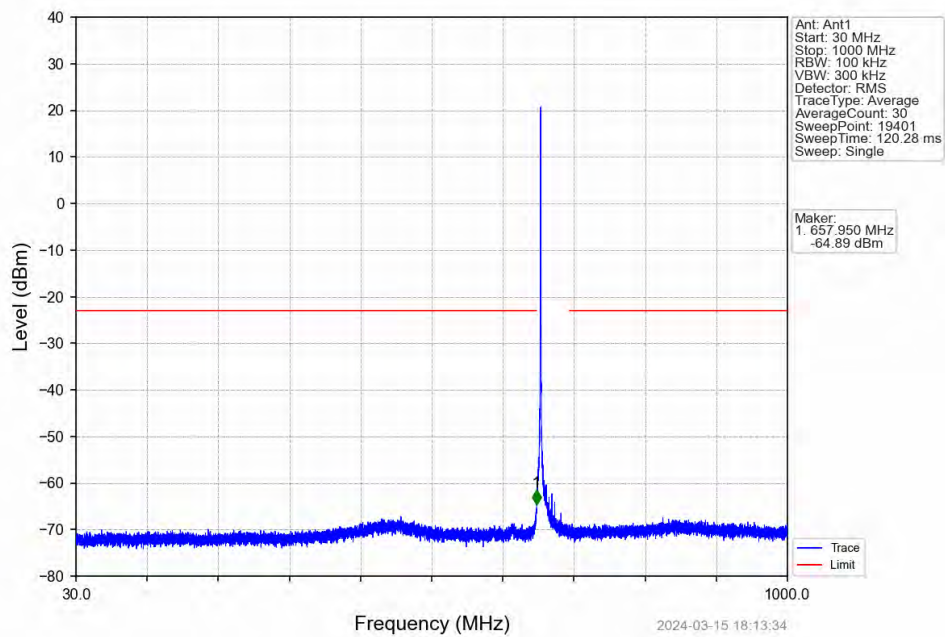
5.3.2 Test Graph



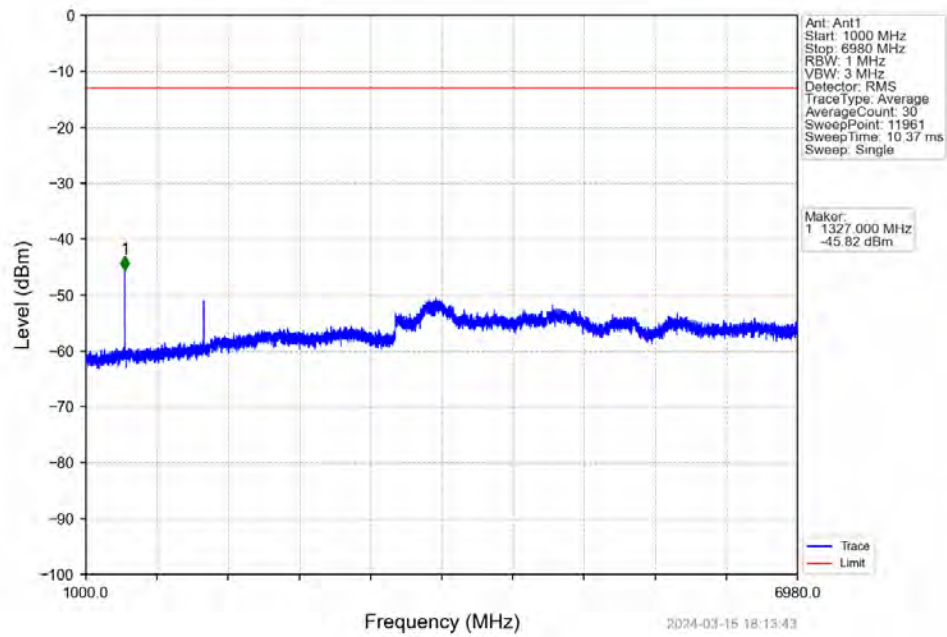
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 670.5MHz Edge 1RB Left



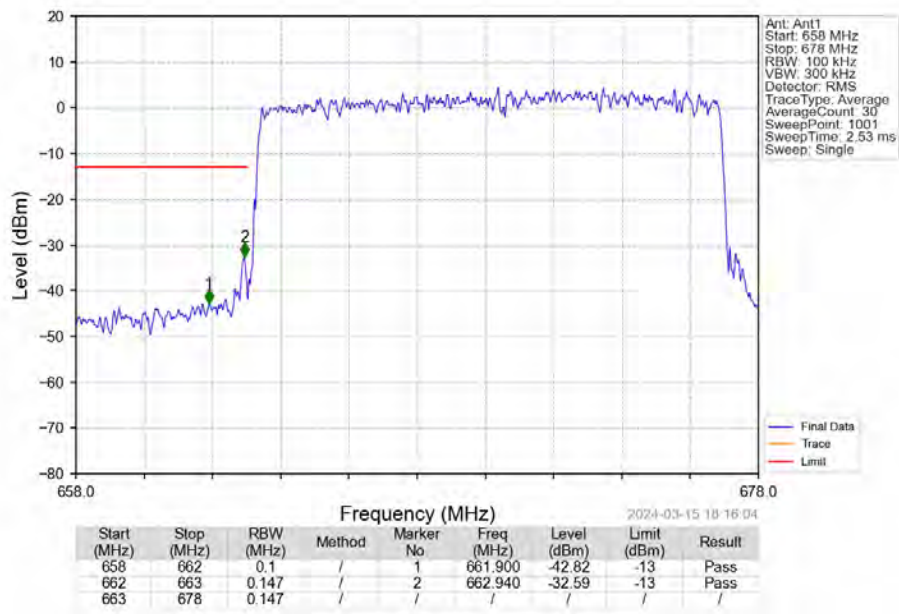
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 670.5MHz Edge 1RB Left



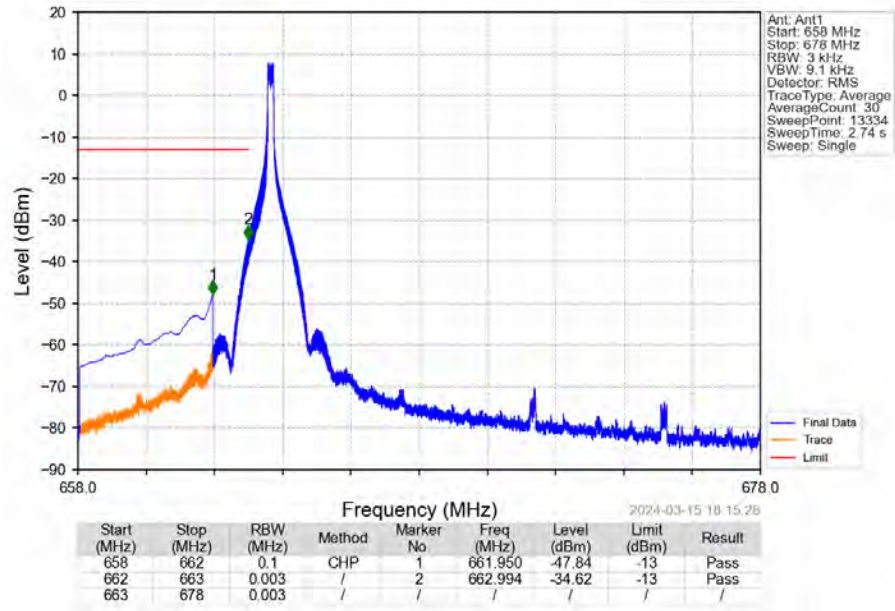
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 670.5MHz Edge 1RB Left



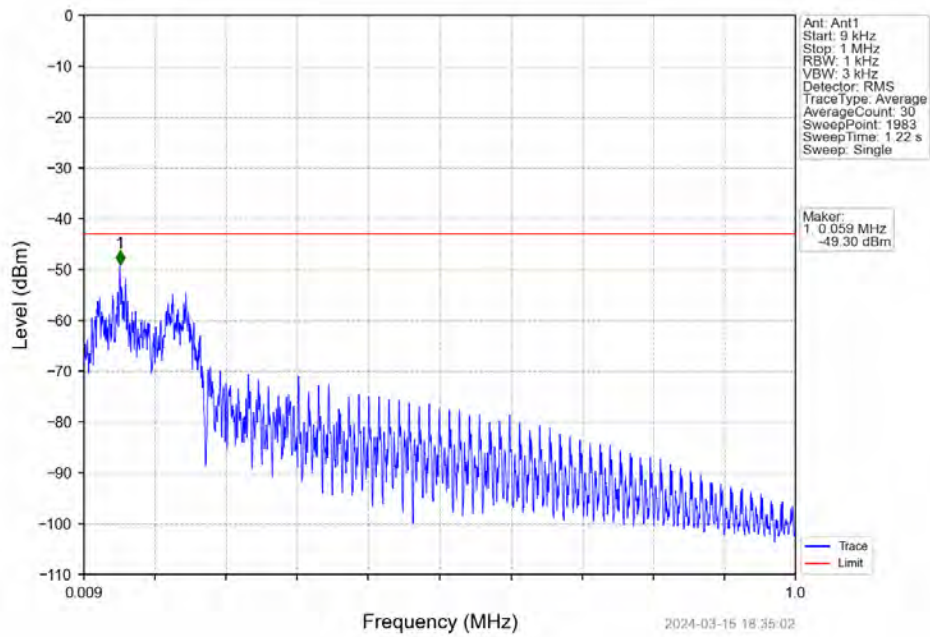
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 670.5MHz Outer Full



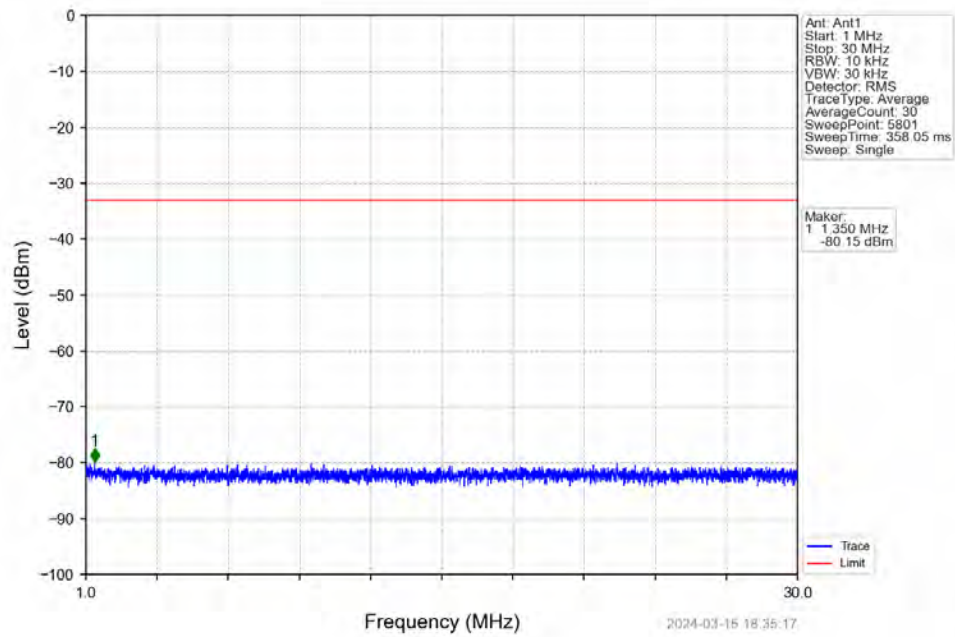
n71 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 670.5MHz Inner 1RB Left



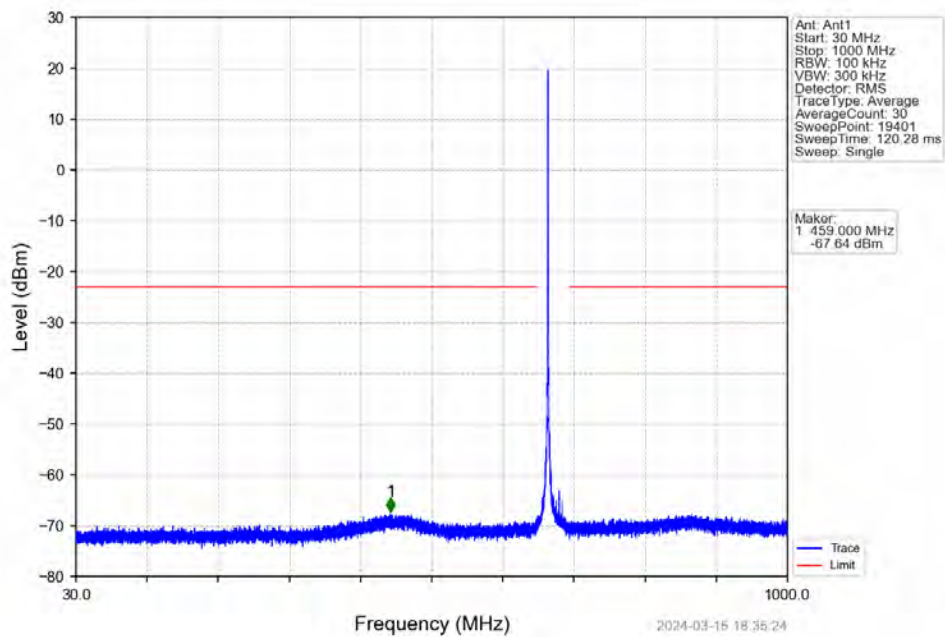
n71 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



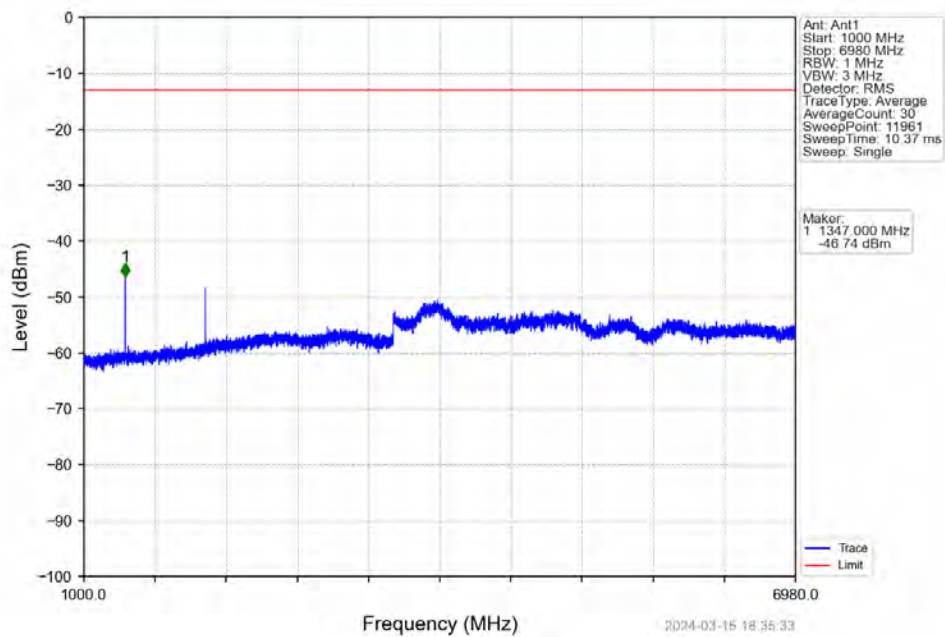
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



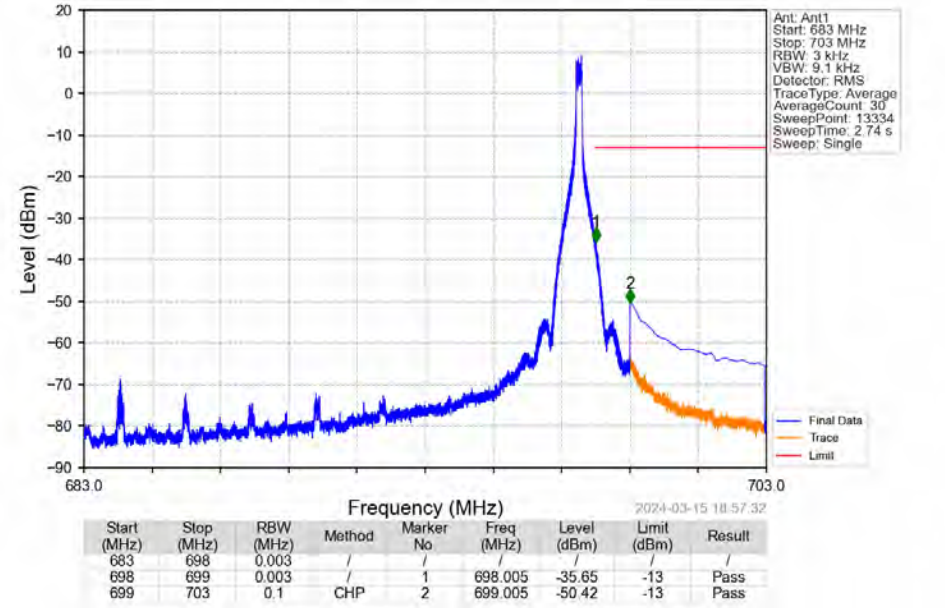
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



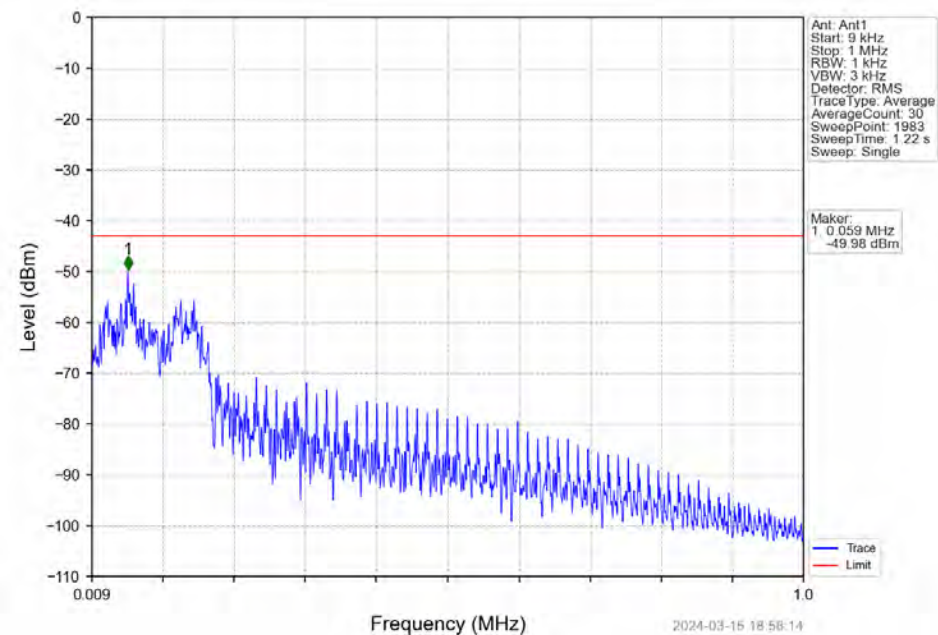
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



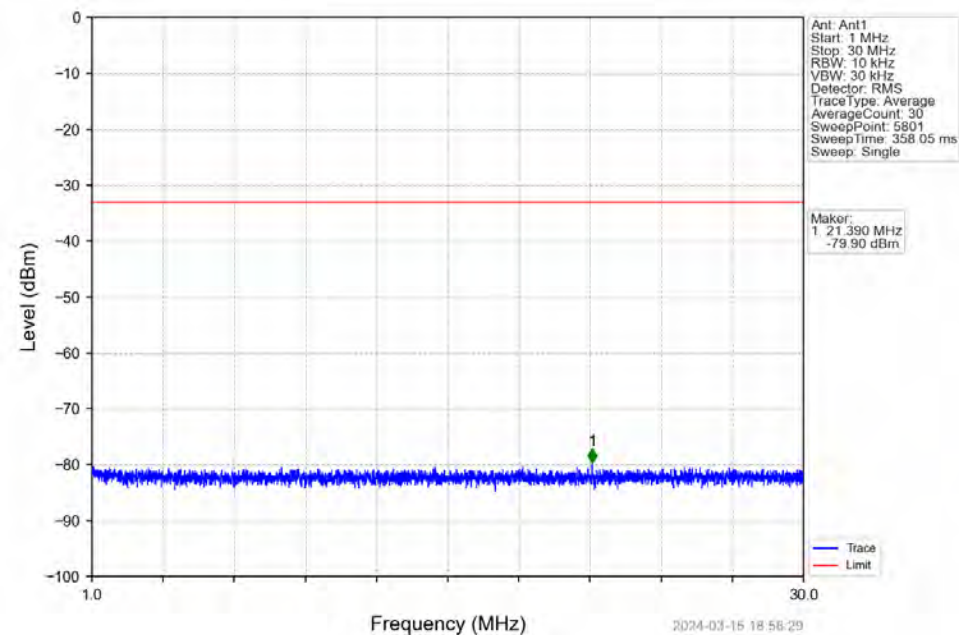
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 690.5MHz Edge 1RB Right



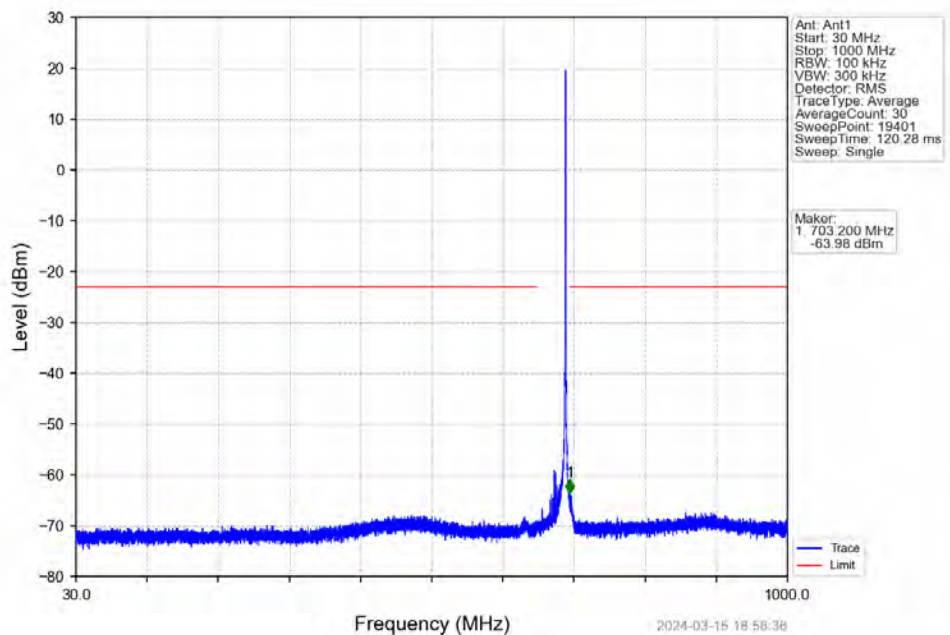
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 690.5MHz Edge 1RB Right



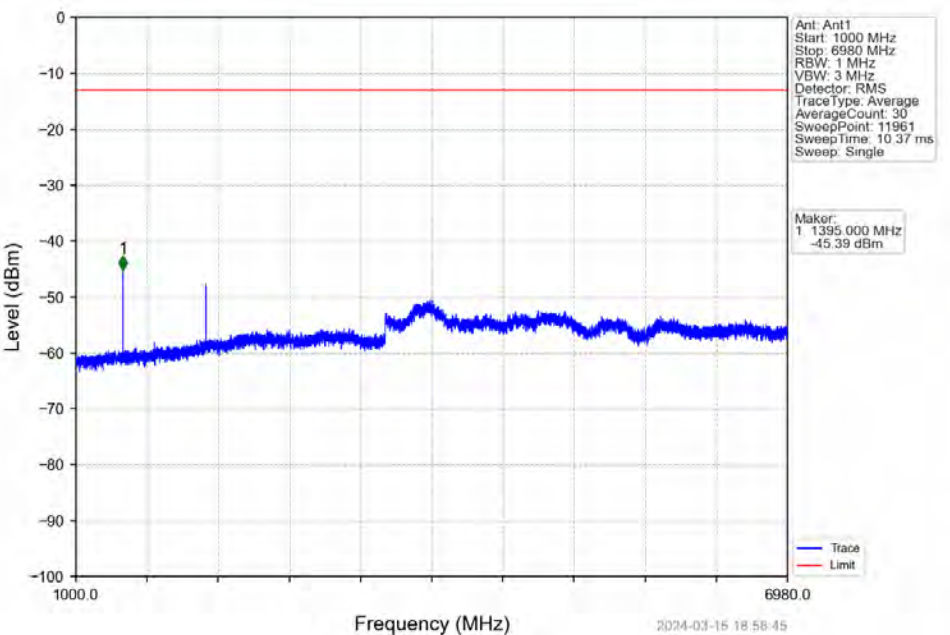
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 690.5MHz Edge 1RB Right



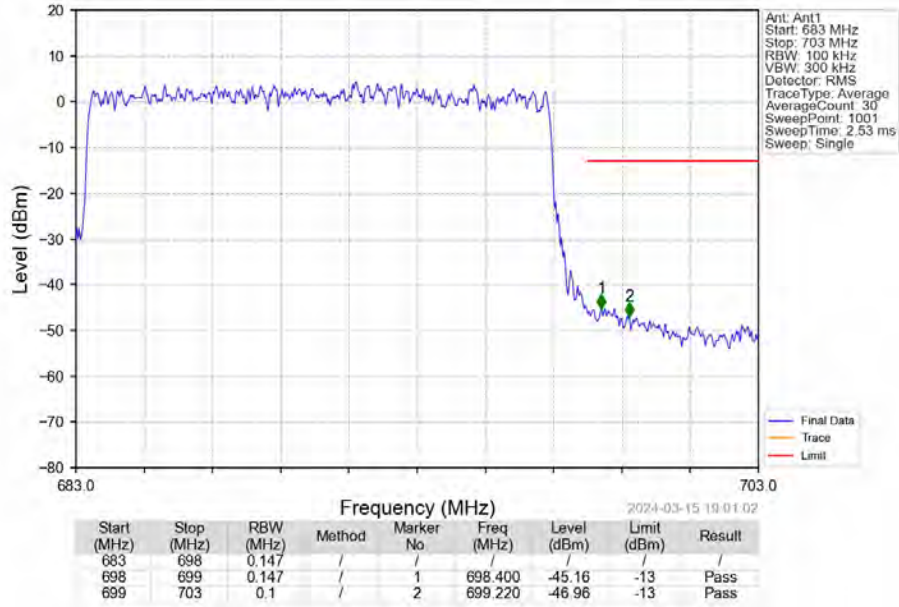
n71 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 690.5MHz Edge 1RB Right



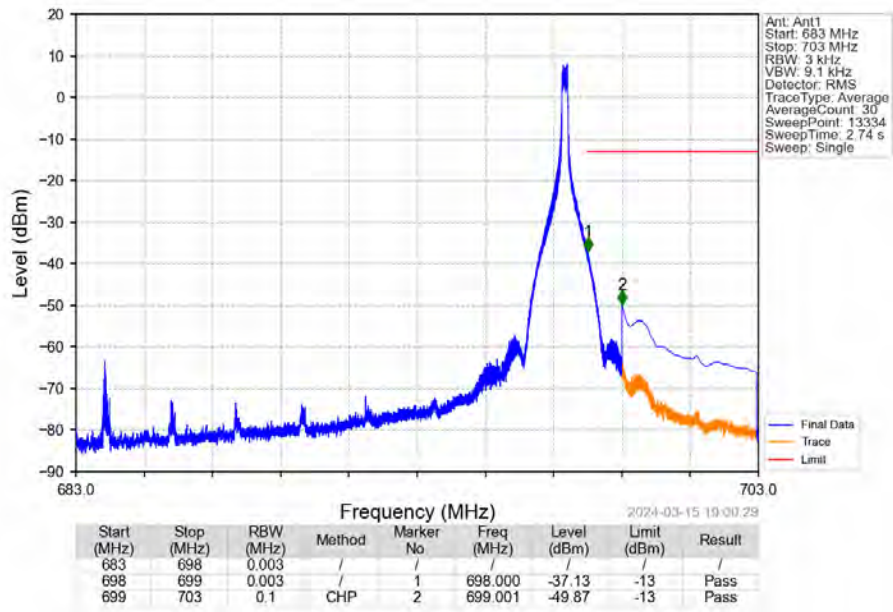
n71 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 690.5MHz Edge 1RB Right



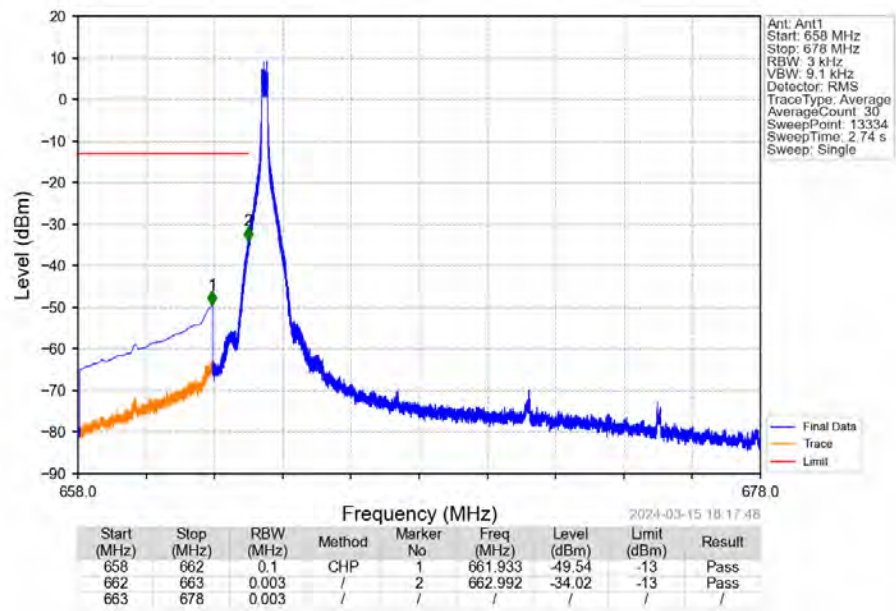
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 690.5MHz Outer Full



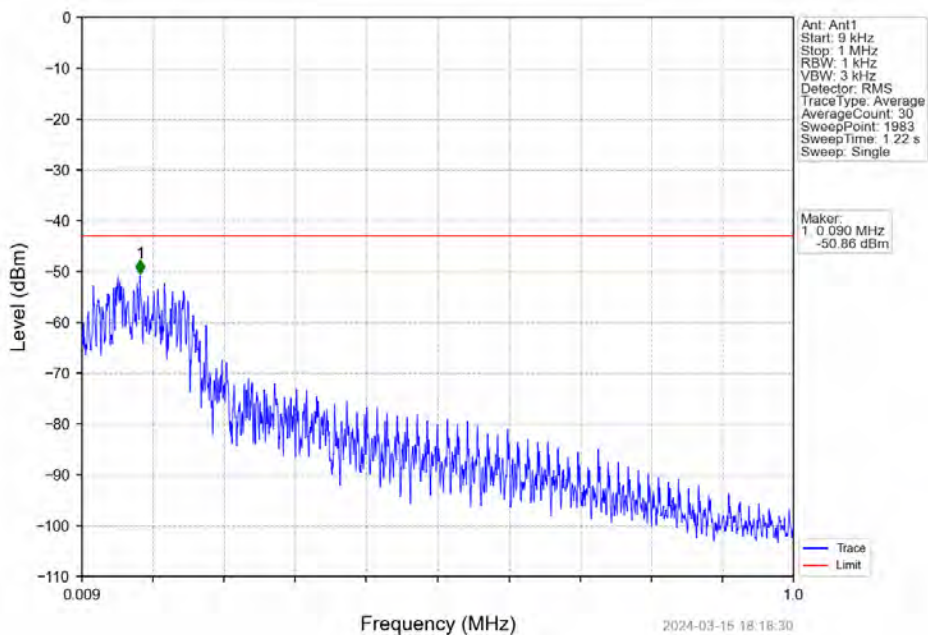
n71 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 690.5MHz Inner 1RB Right



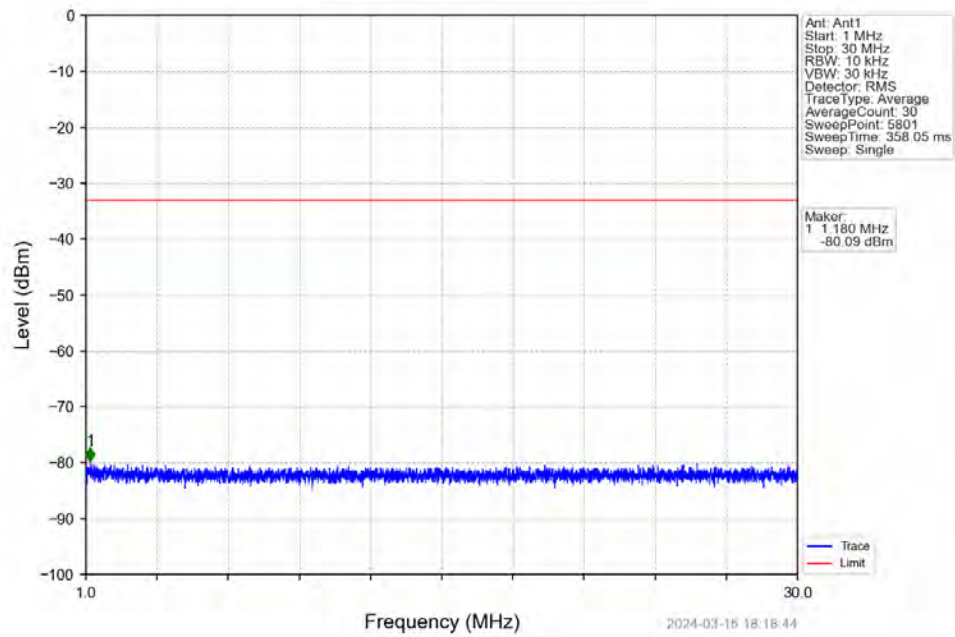
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 670.5MHz Edge 1RB Left



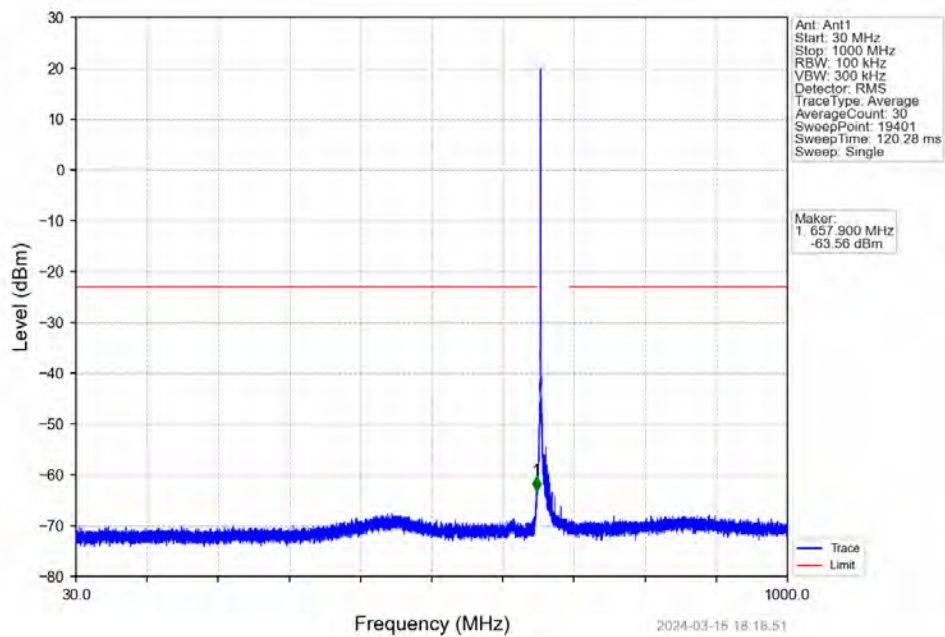
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 670.5MHz Edge 1RB Left



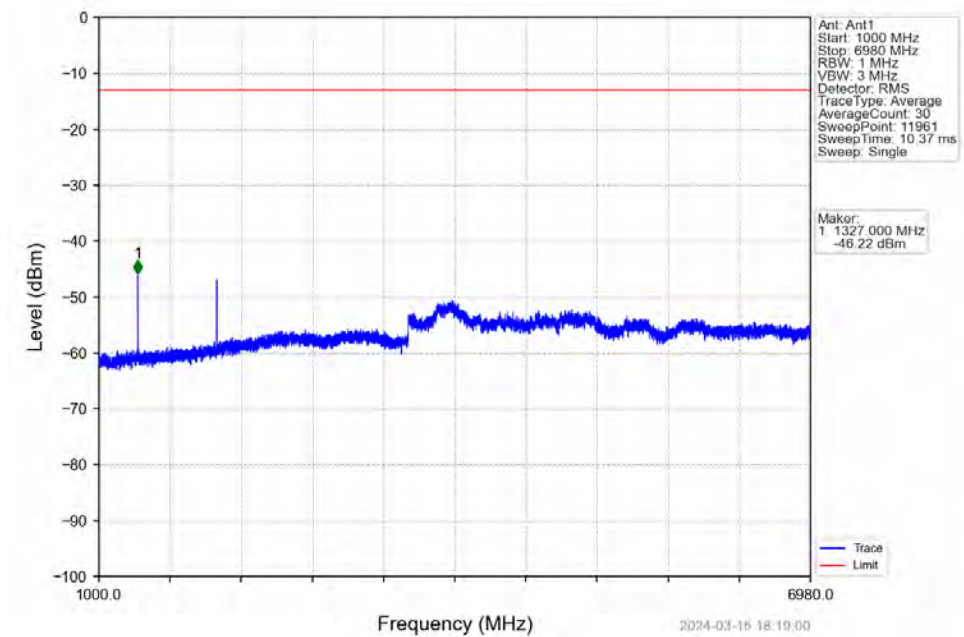
n71 15kHz SISO NTNV 15MHz DFT-s-OFDM QPSK 670.5MHz Edge 1RB Left



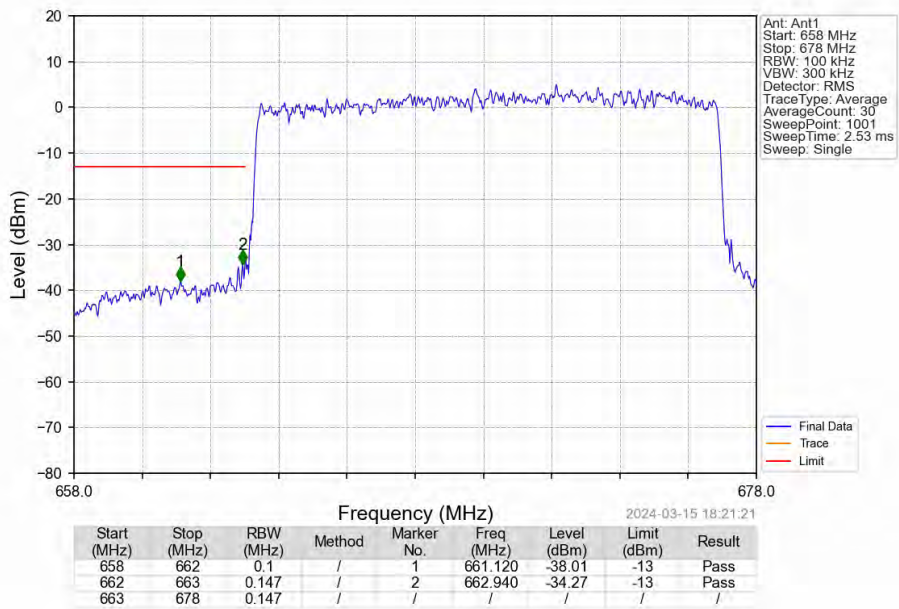
n71 15kHz SISO NTNV 15MHz DFT-s-OFDM QPSK 670.5MHz Edge 1RB Left



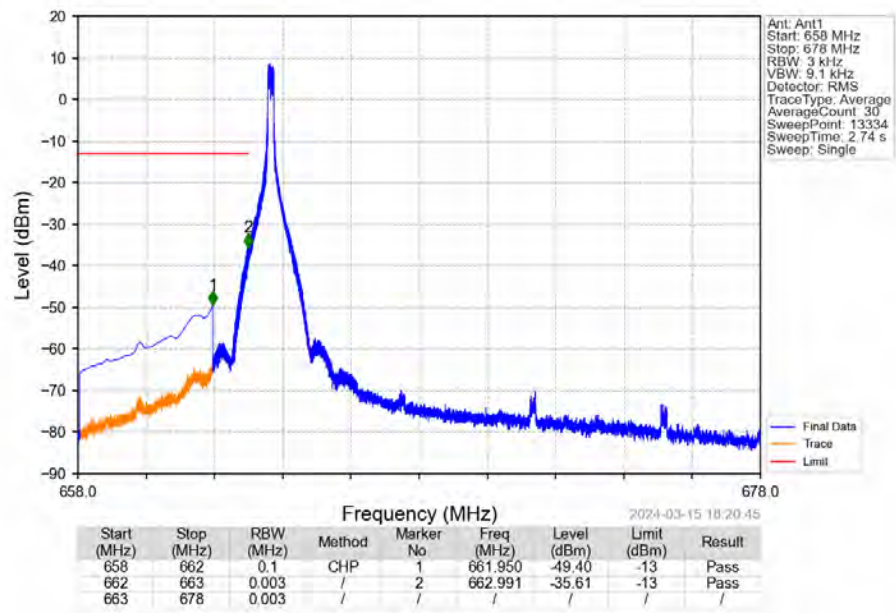
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 670.5MHz Edge 1RB Left



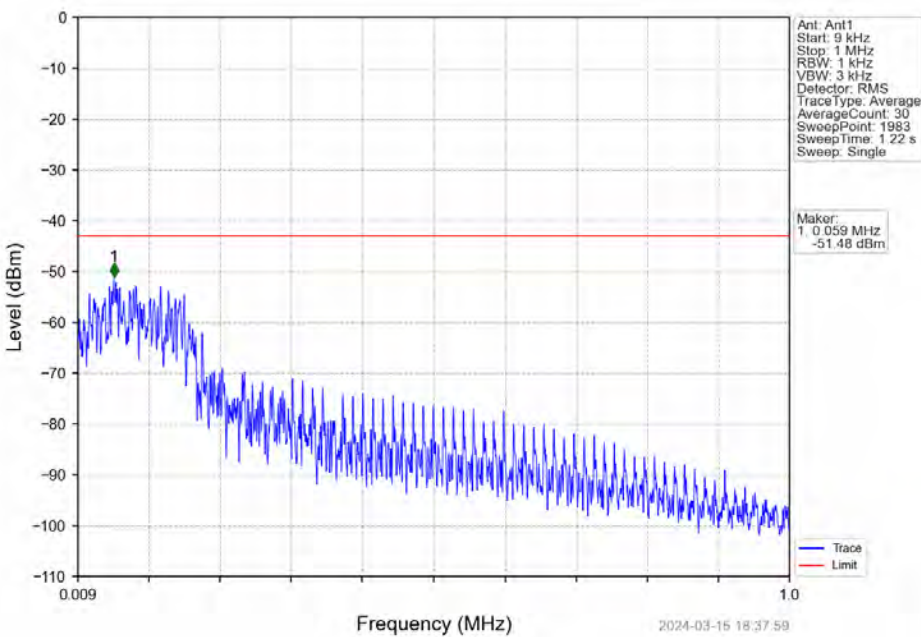
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 670.5MHz Outer Full



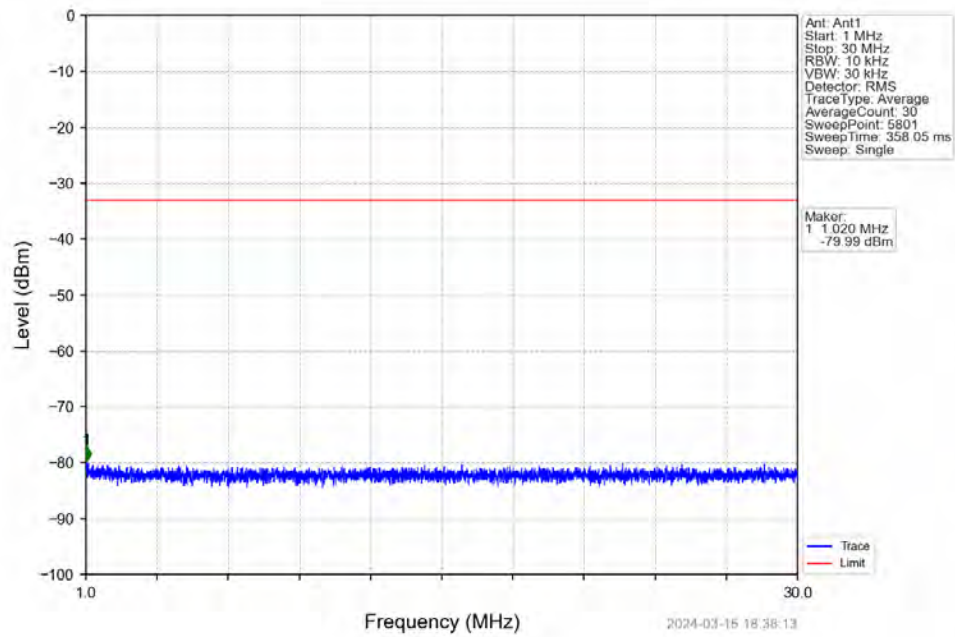
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 670.5MHz Inner 1RB Left



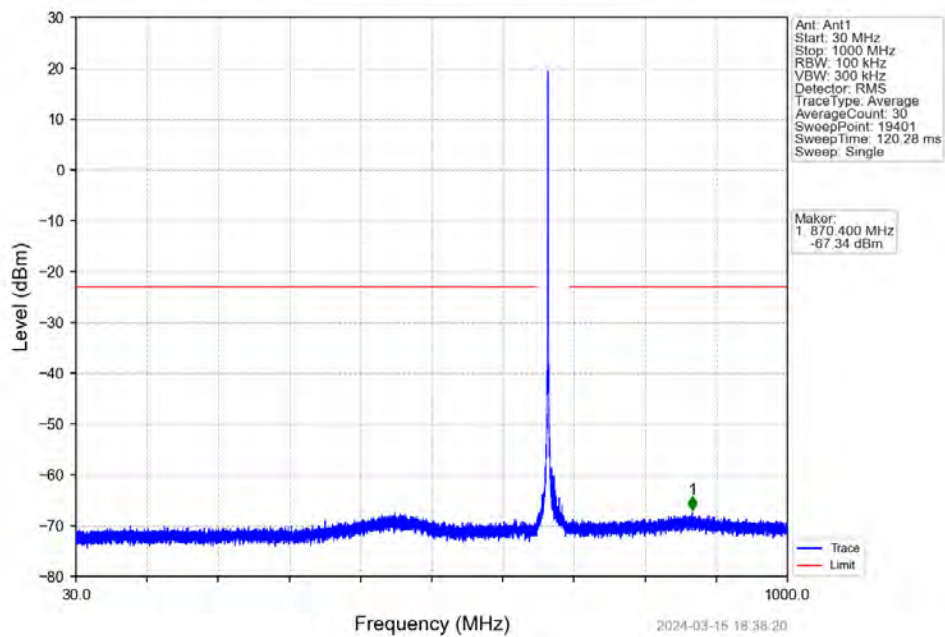
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



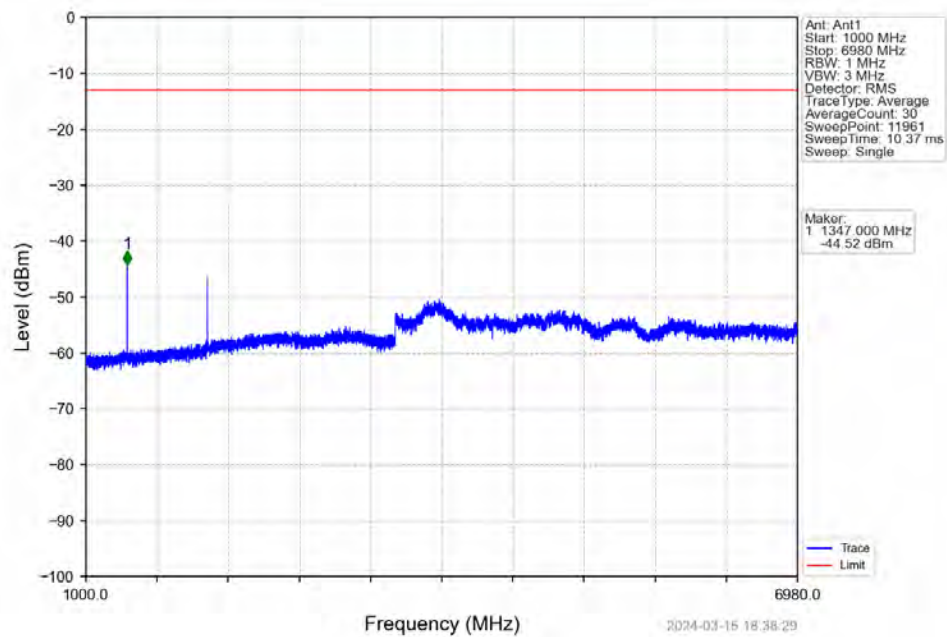
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



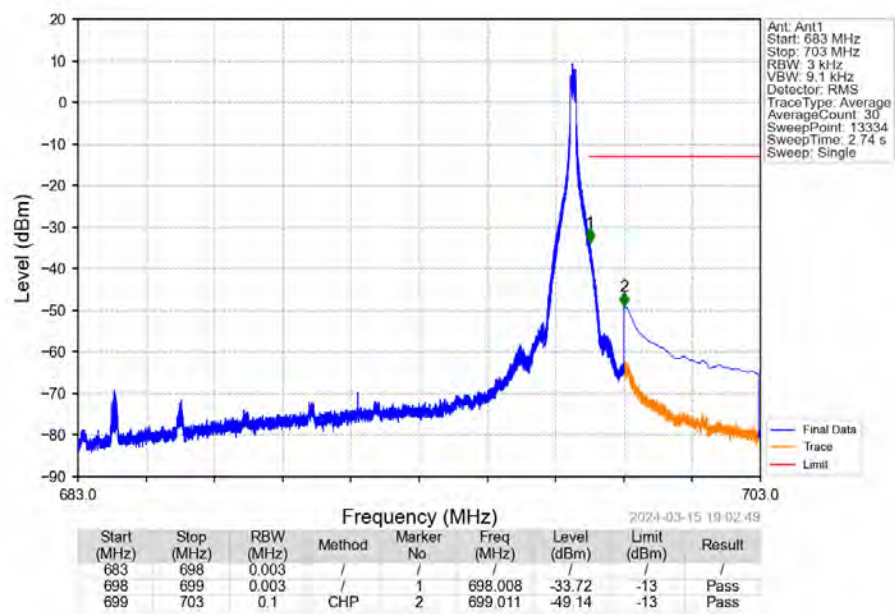
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



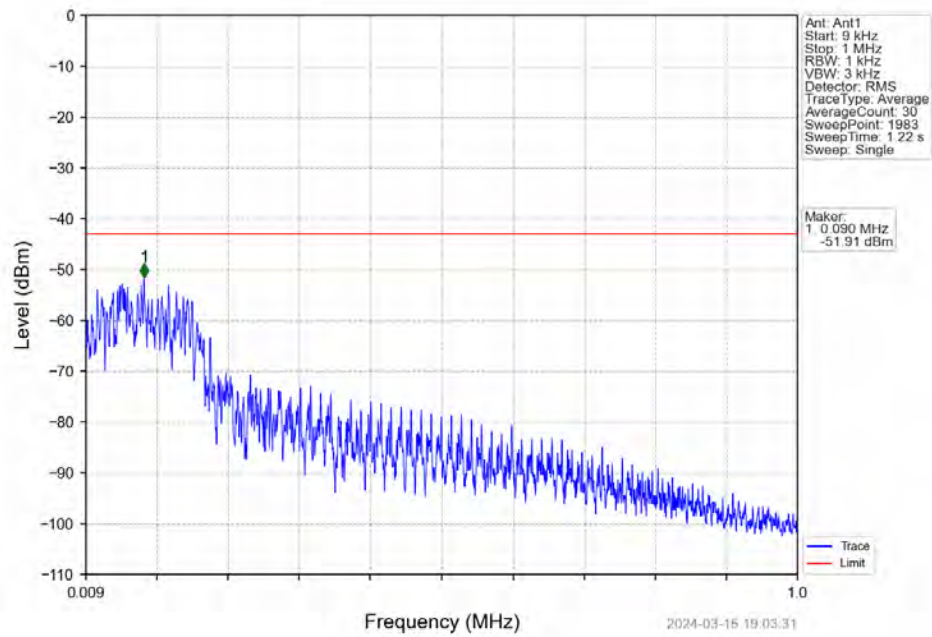
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



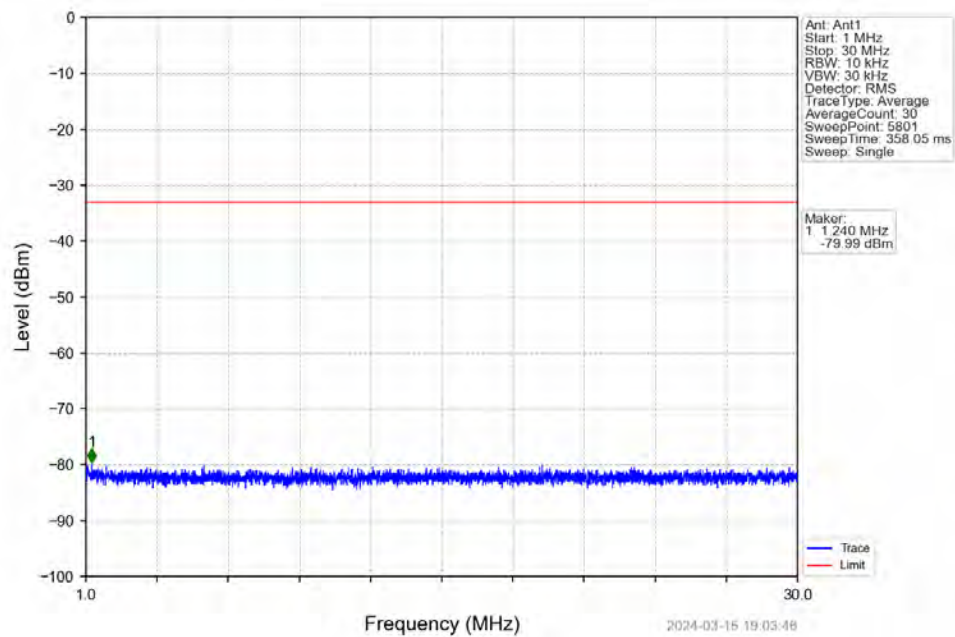
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Edge 1RB Right



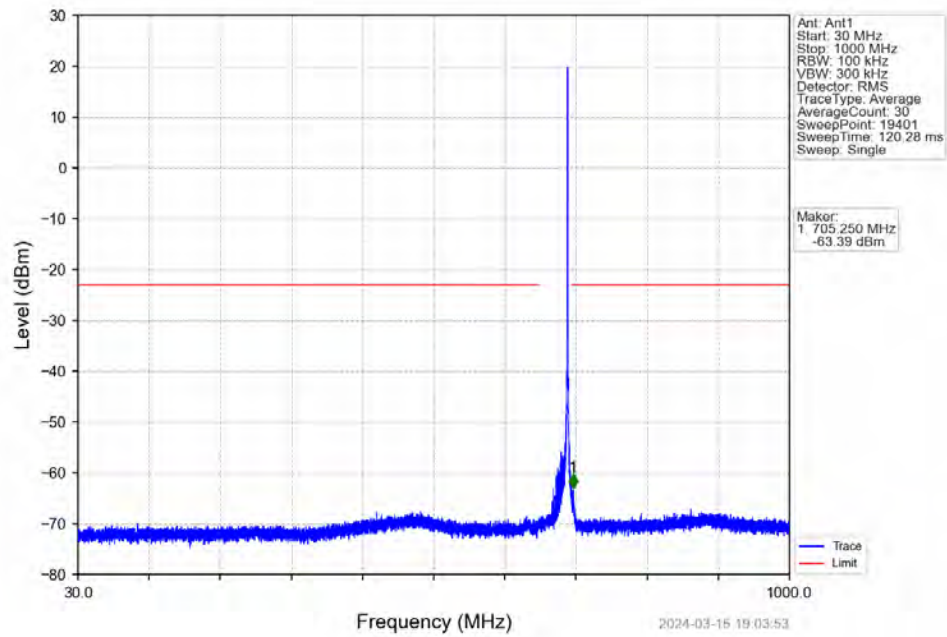
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Edge 1RB Right



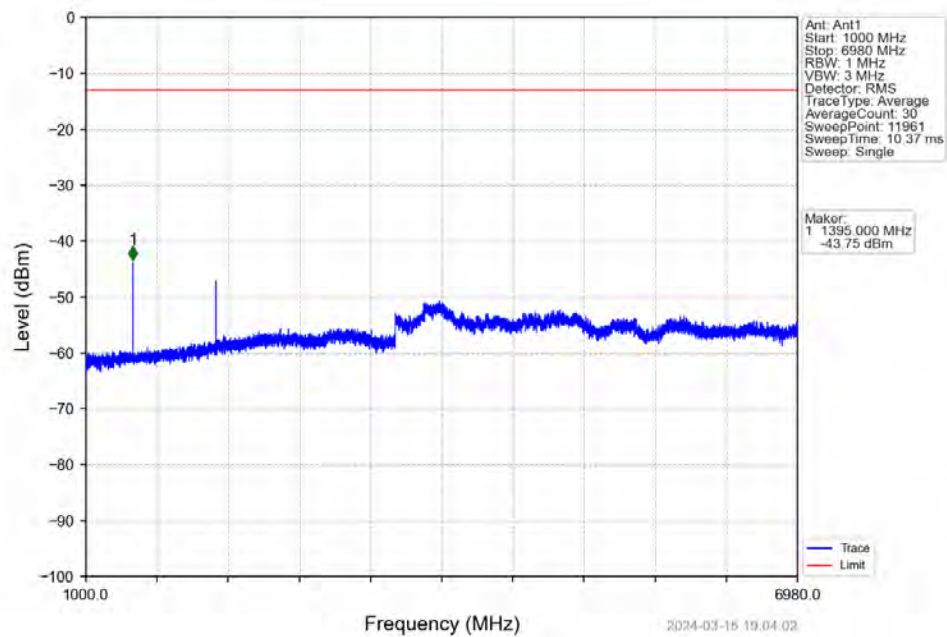
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Edge 1RB Right



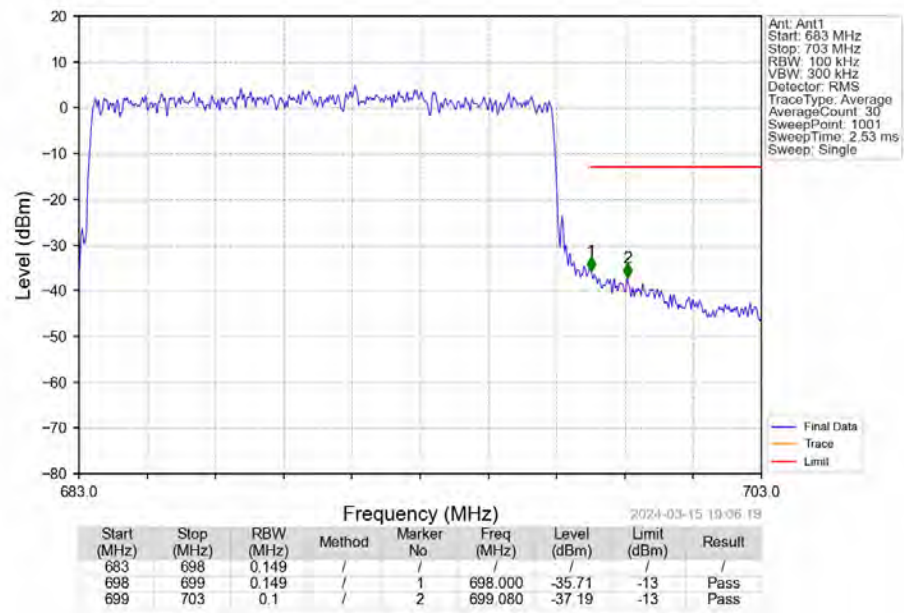
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Edge 1RB Right



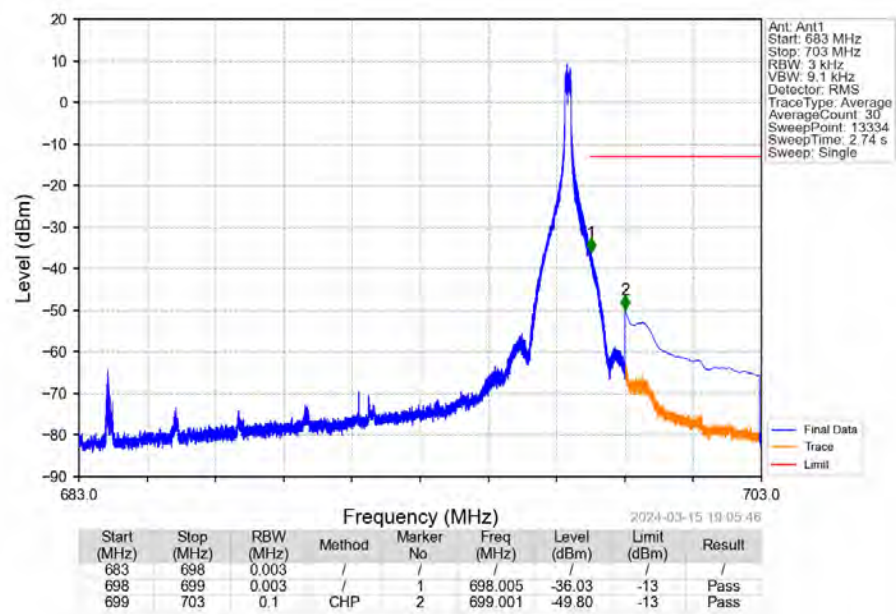
n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Edge 1RB Right



n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Outer Full



n71 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 690.5MHz Inner 1RB Right

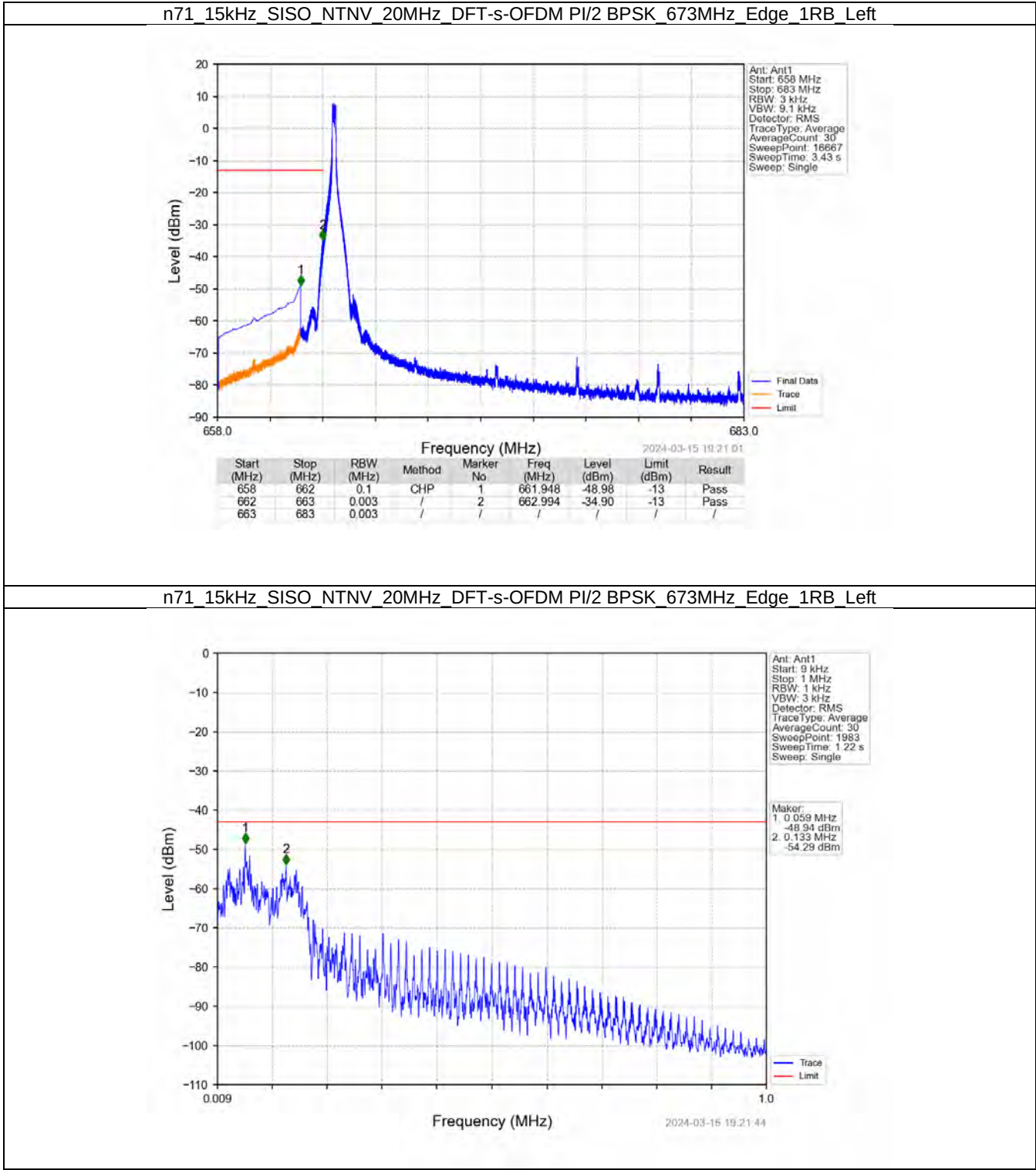


5.4 15k_SISO_20MHz_NTNV

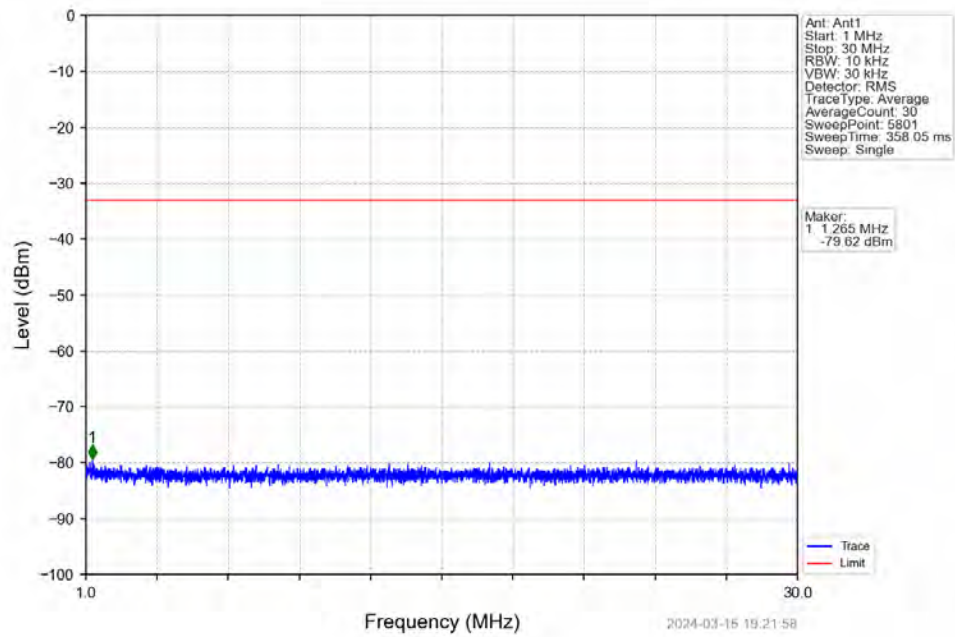
5.4.1 Test Result

5G NR n71 SCS=15kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	673	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		688	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	
	DFT-s-OFDM QPSK	673	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
680.5		Edge_1RB_Left	Refer To Test Graph				Pass	
		688	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right	Refer To Test Graph				Pass			

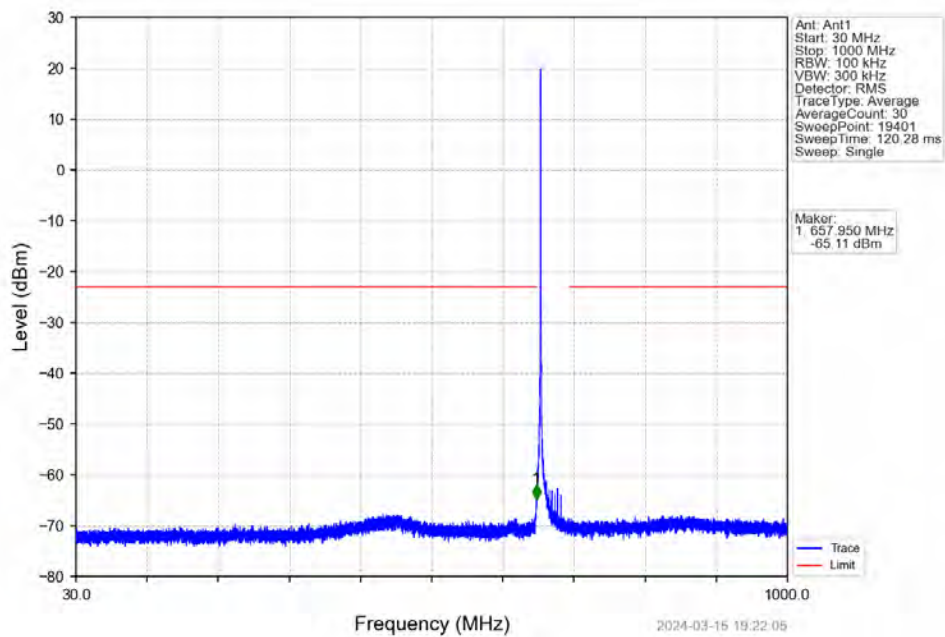
5.4.2 Test Graph



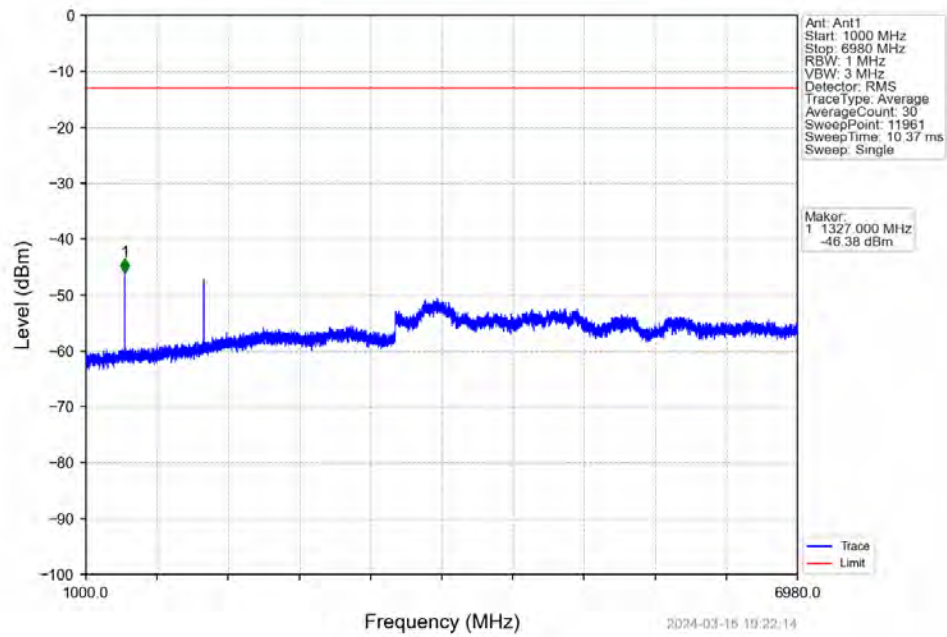
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 673MHz Edge 1RB Left



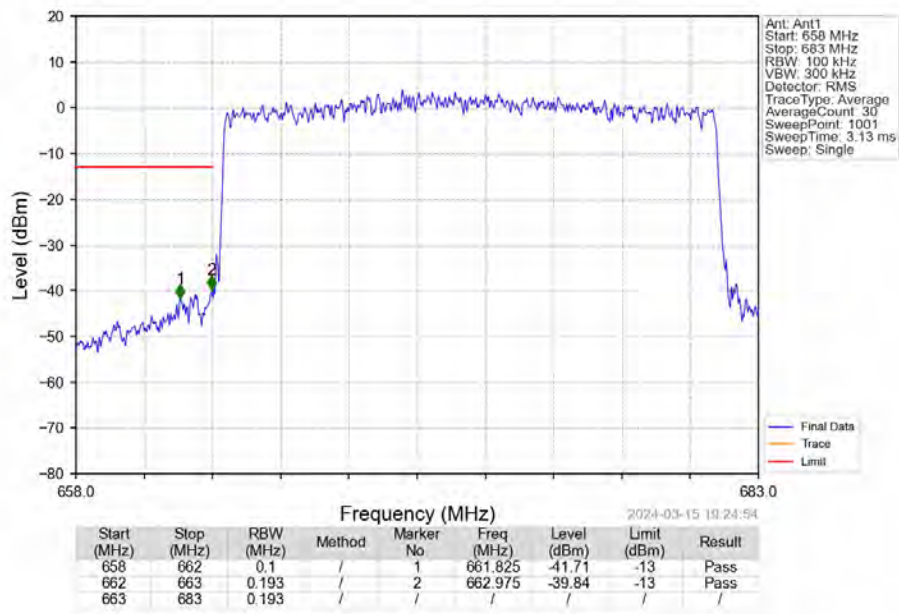
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 673MHz Edge 1RB Left



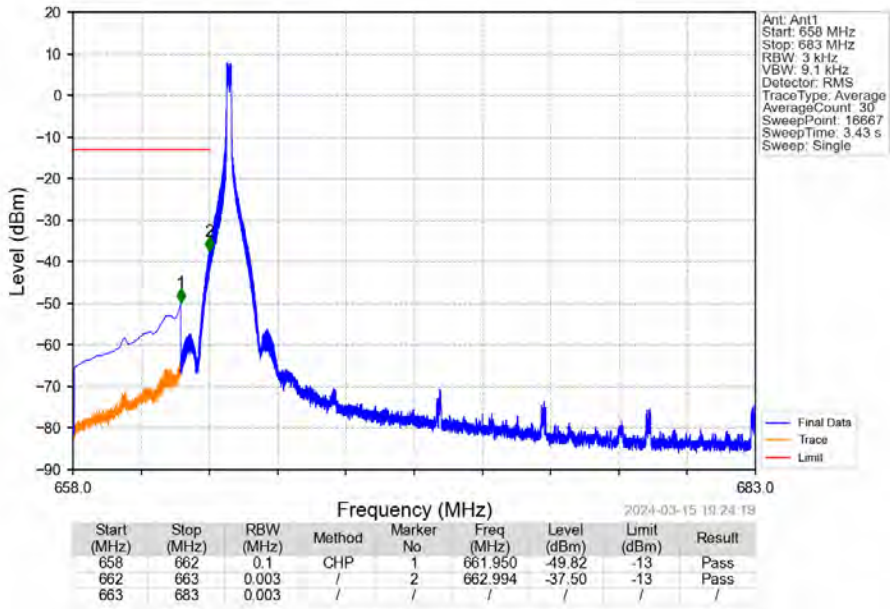
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 673MHz Edge 1RB Left



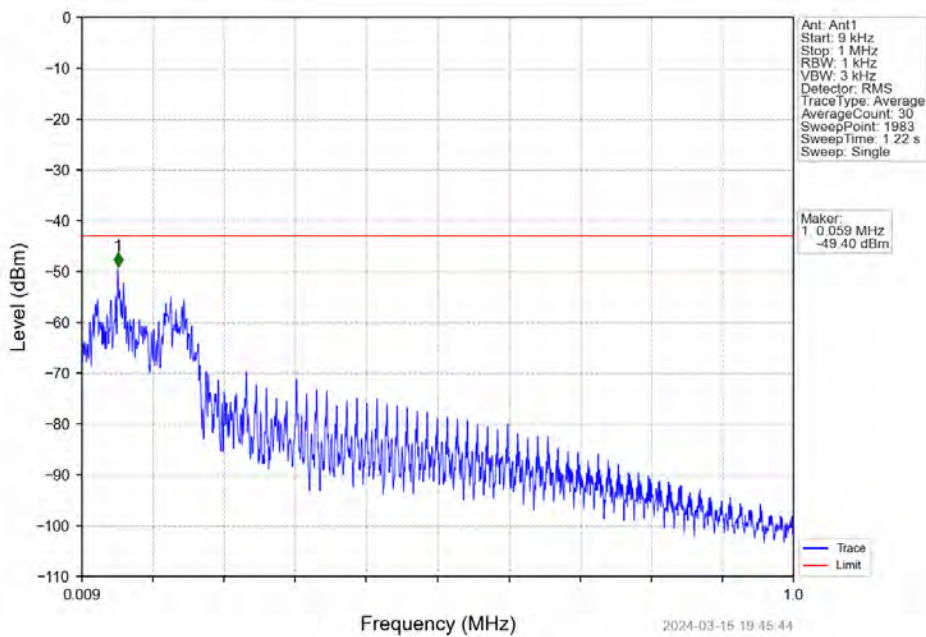
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 673MHz Outer Full



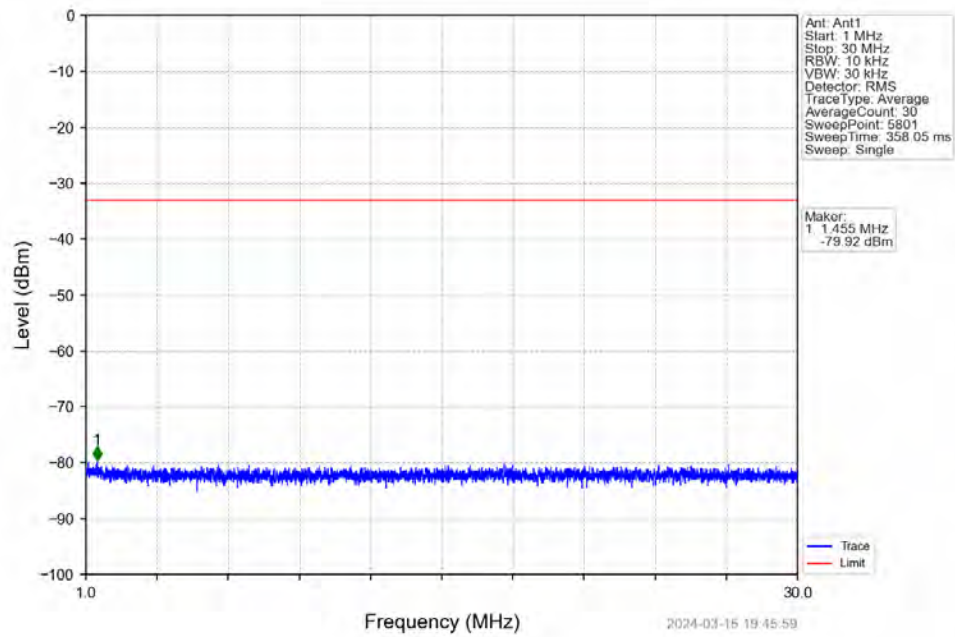
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 673MHz Inner 1RB Left



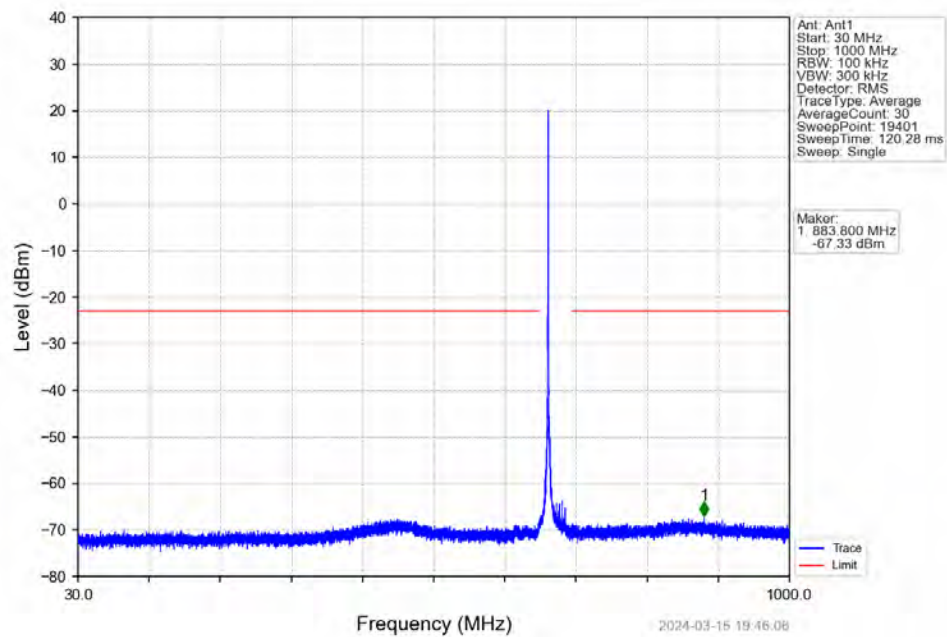
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 680.5MHz Edge 1RB Left



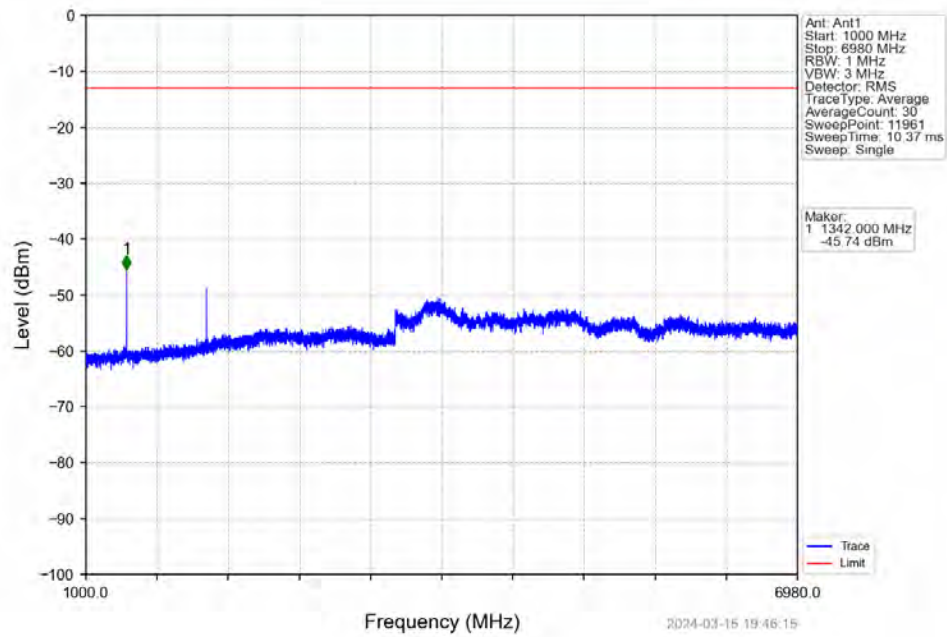
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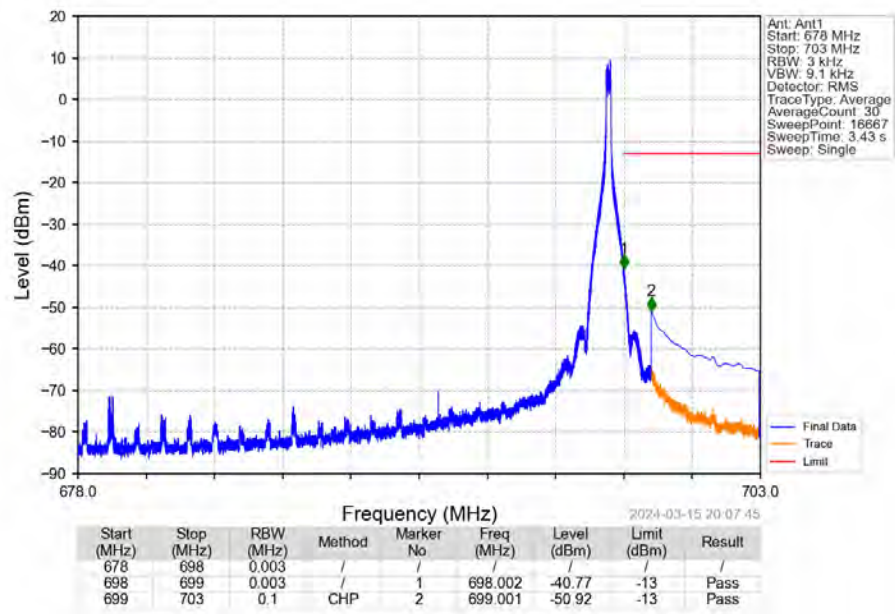
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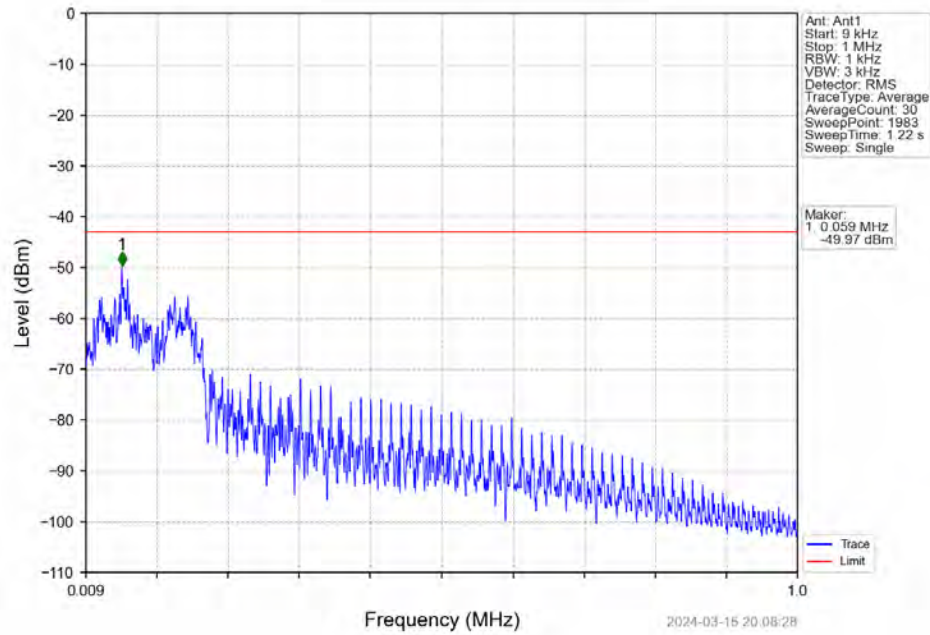
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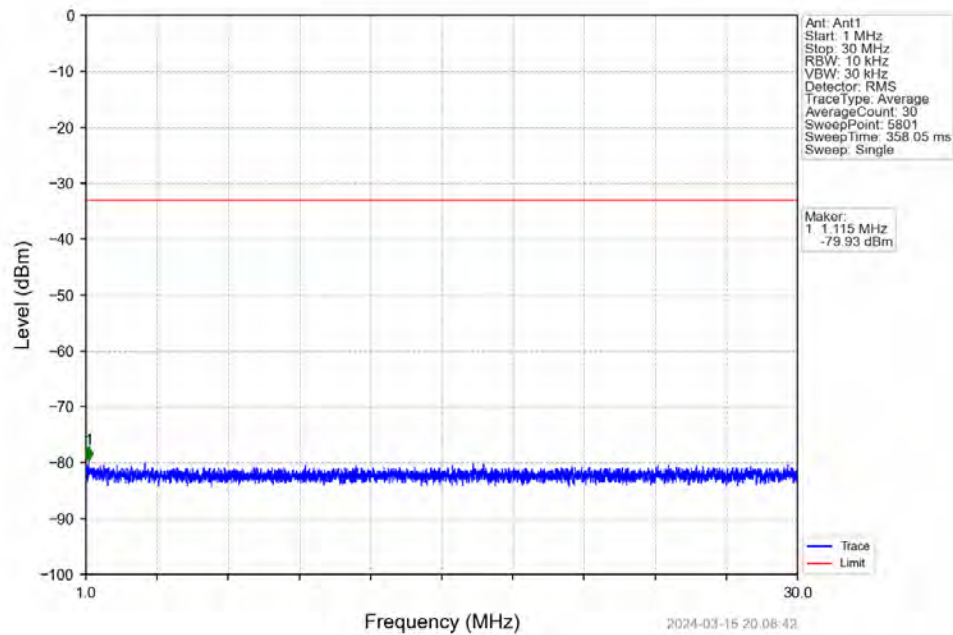
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 688MHz Edge 1RB Right



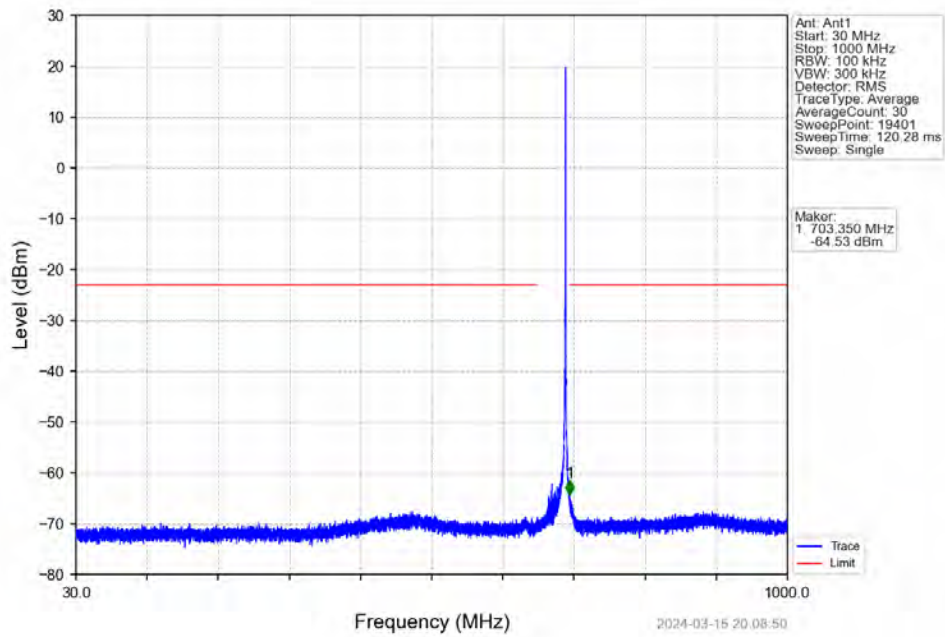
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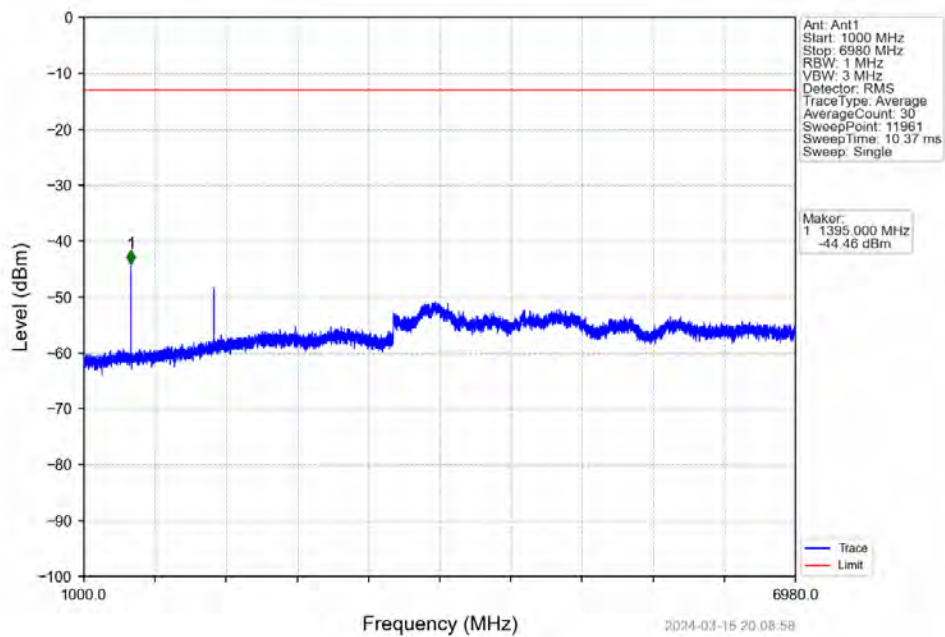
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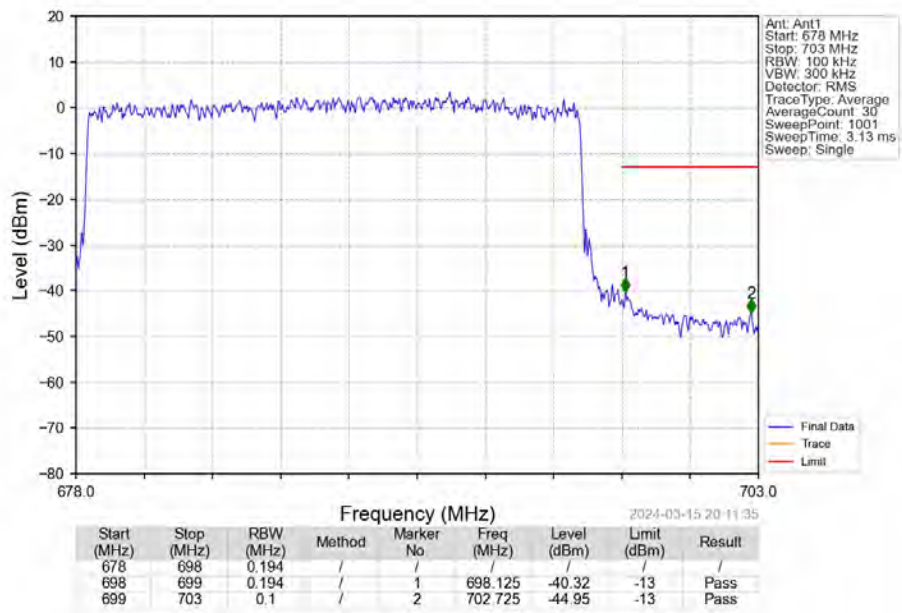
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 688MHz Edge 1RB Right



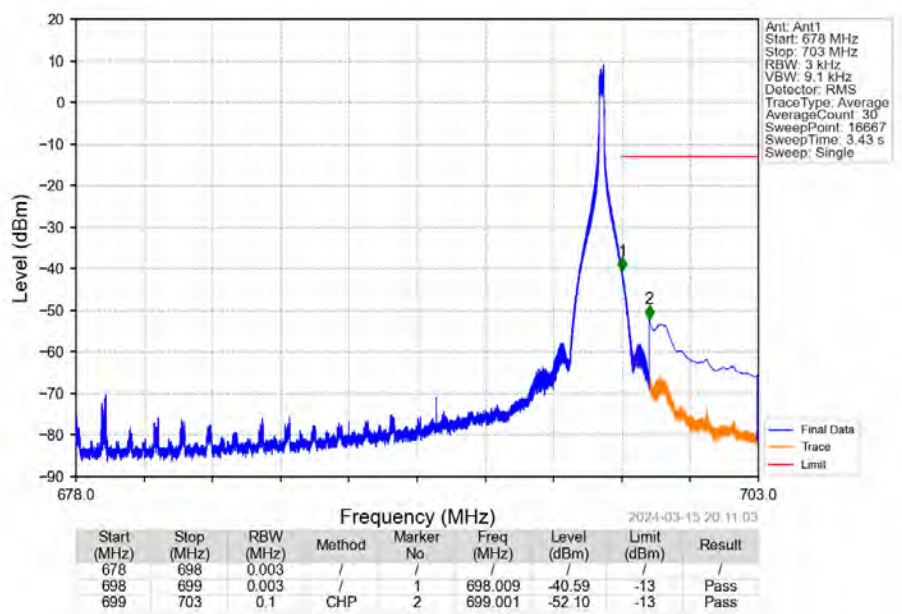
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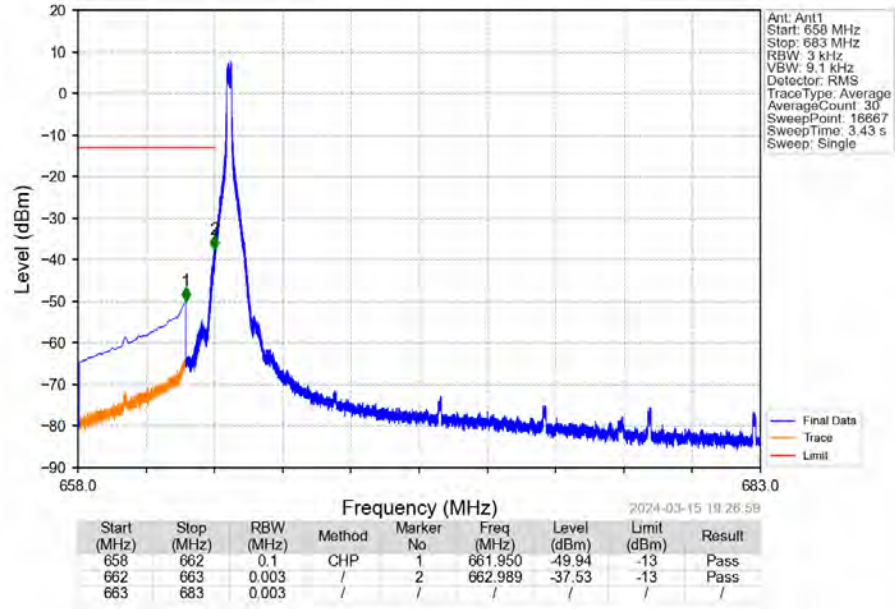
n71 15kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 688MHz Outer Full



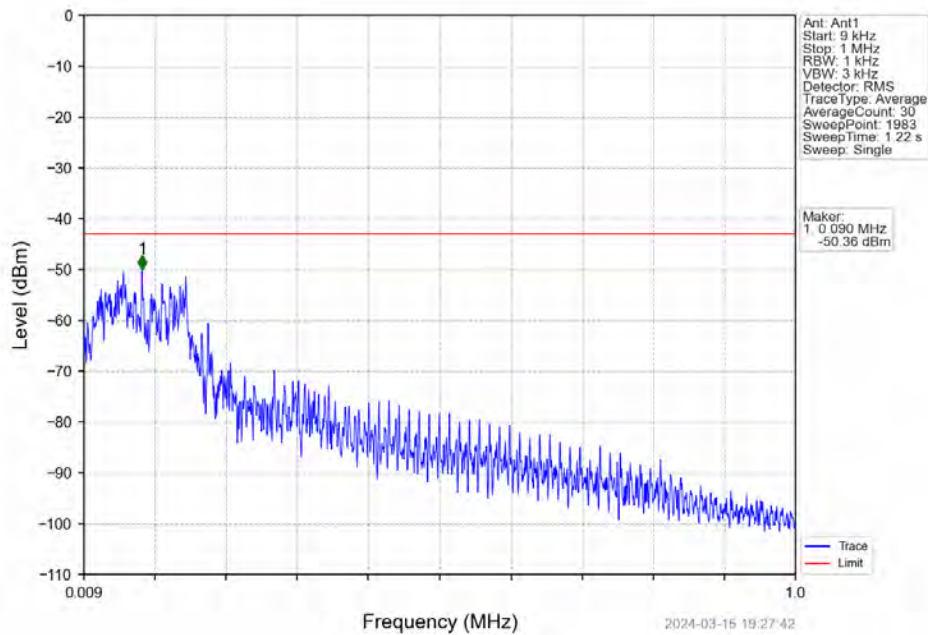
n71 15kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 688MHz Inner 1RB Right



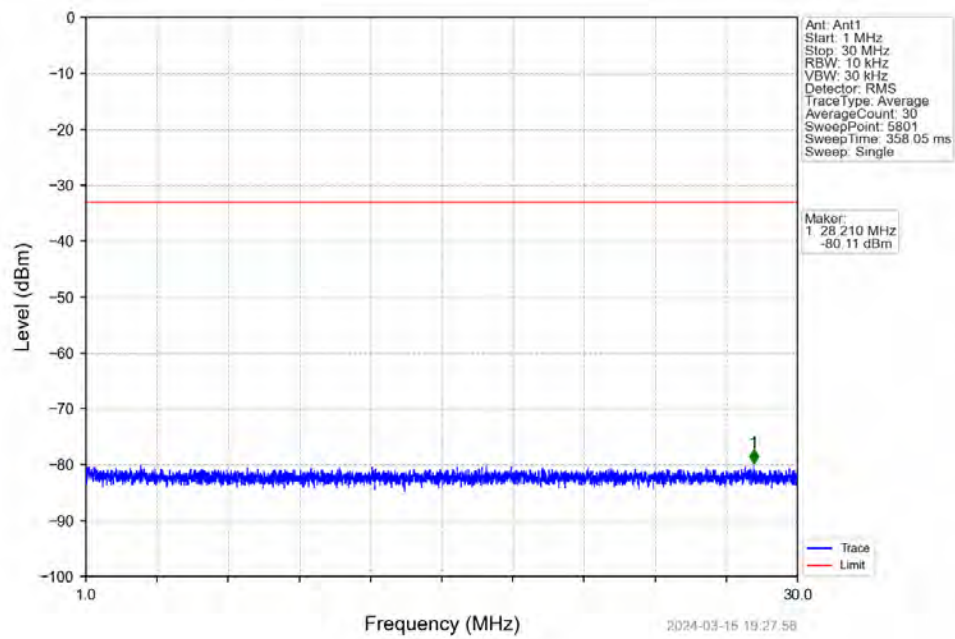
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 673MHz Edge 1RB Left



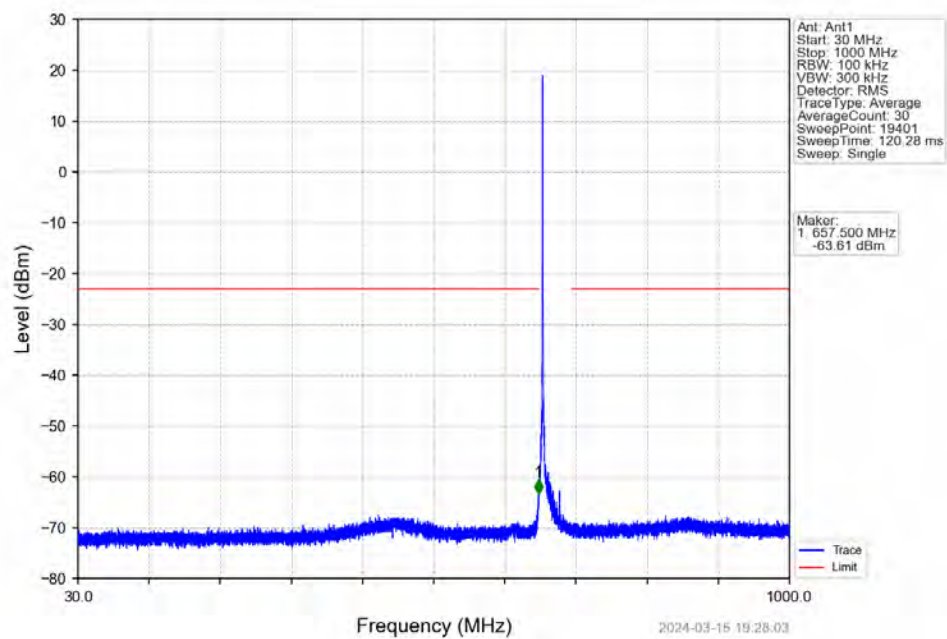
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 673MHz Edge 1RB Left



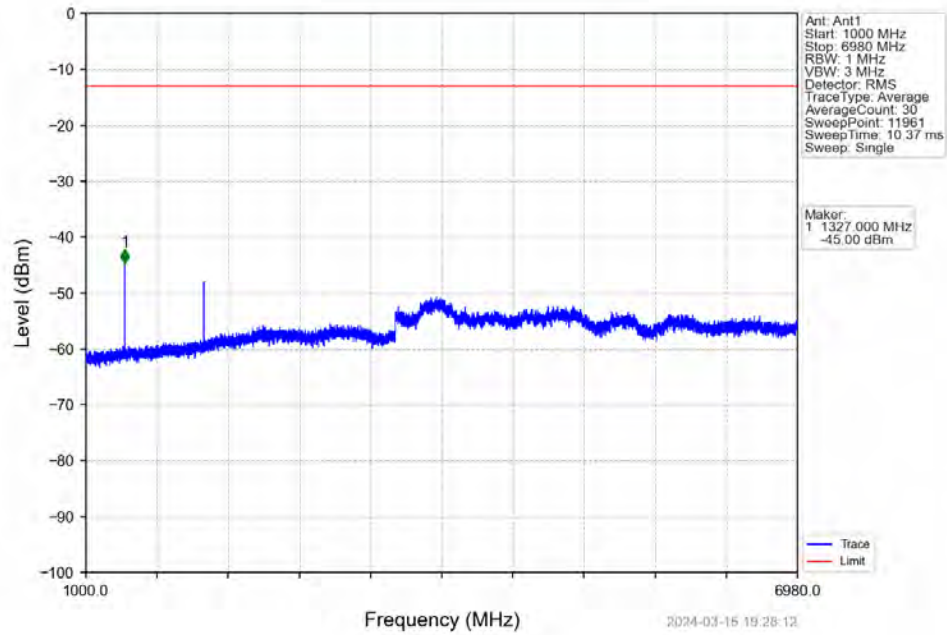
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 673MHz Edge 1RB Left



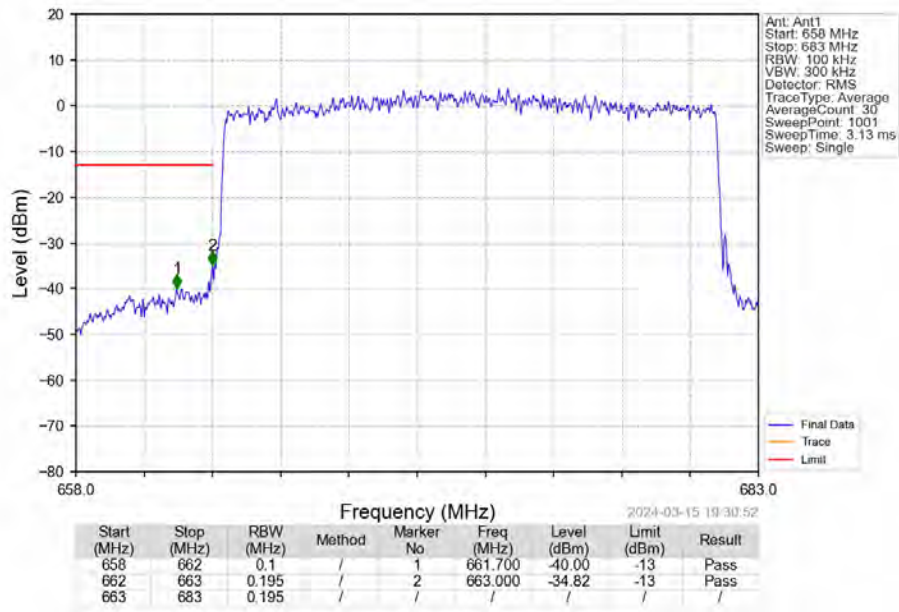
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 673MHz Edge 1RB Left



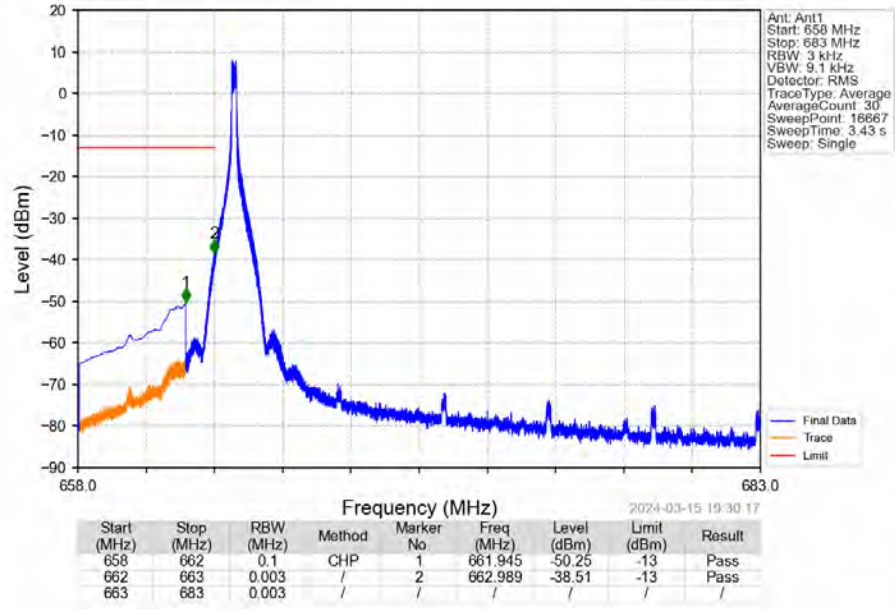
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 673MHz Edge 1RB Left



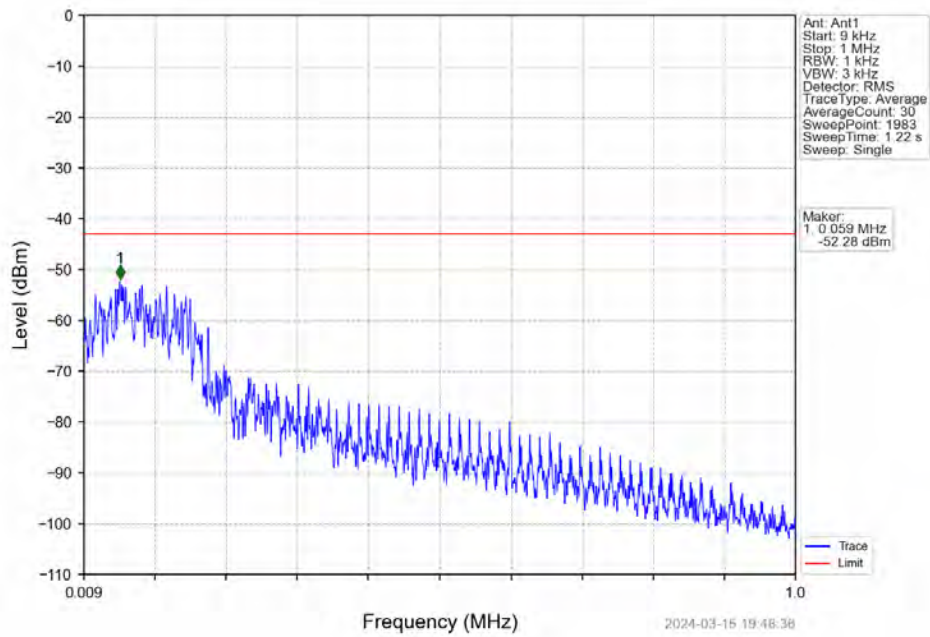
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 673MHz Outer Full



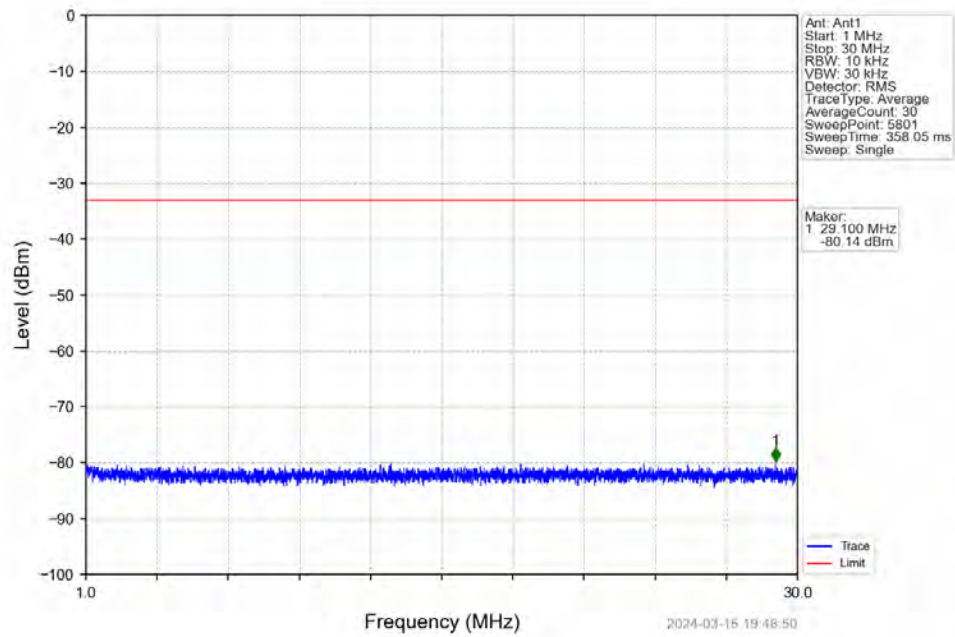
n71 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 673MHz Inner 1RB Left



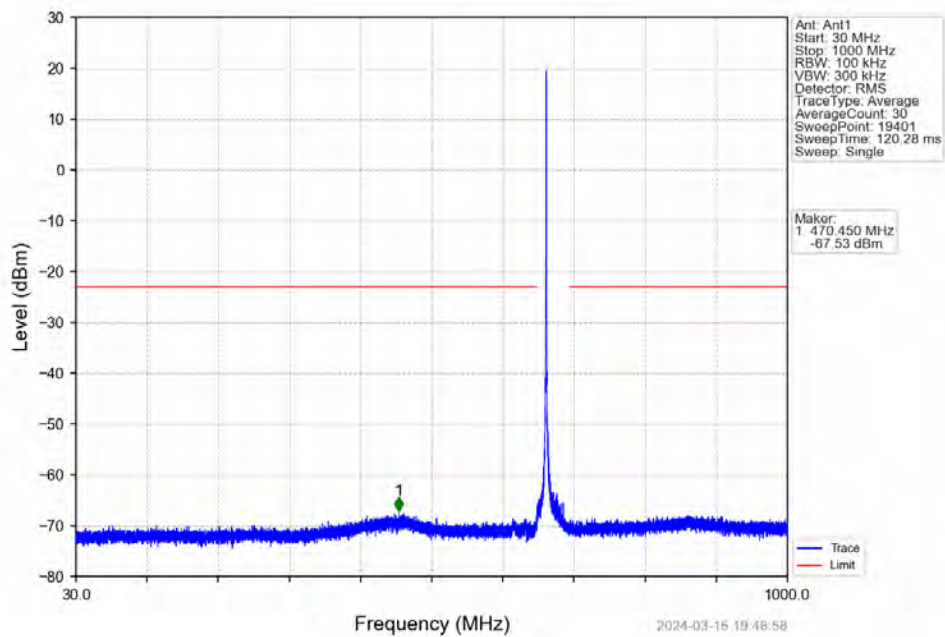
n71 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



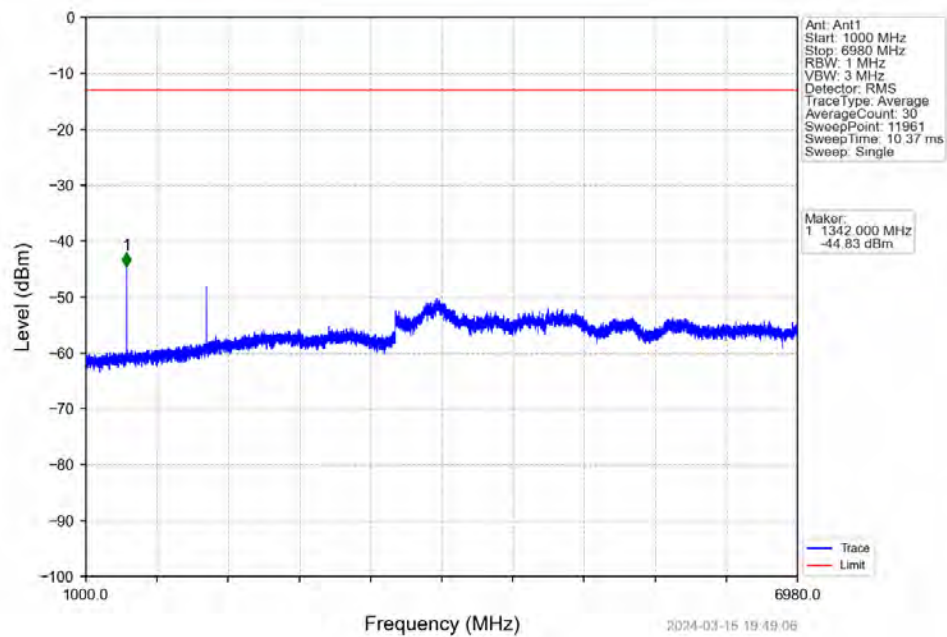
n71 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



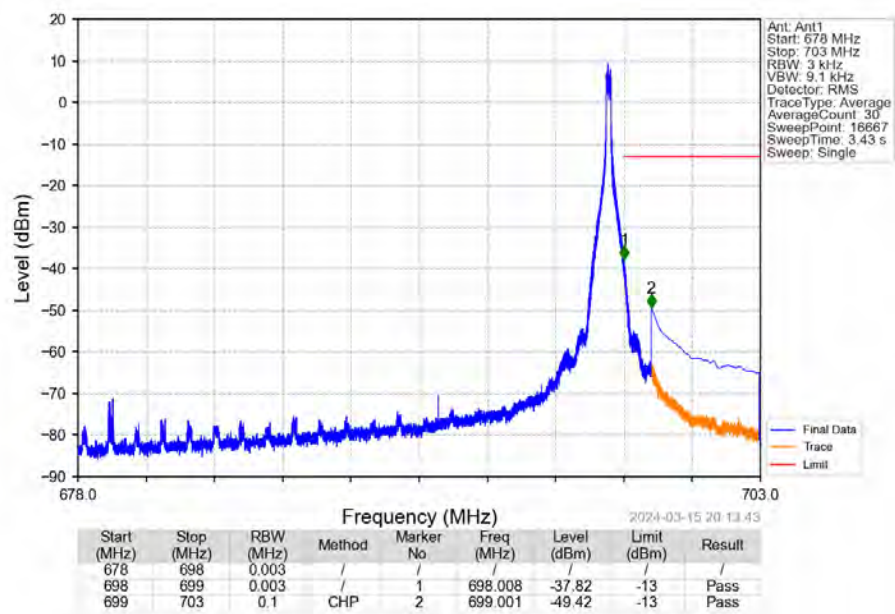
n71 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



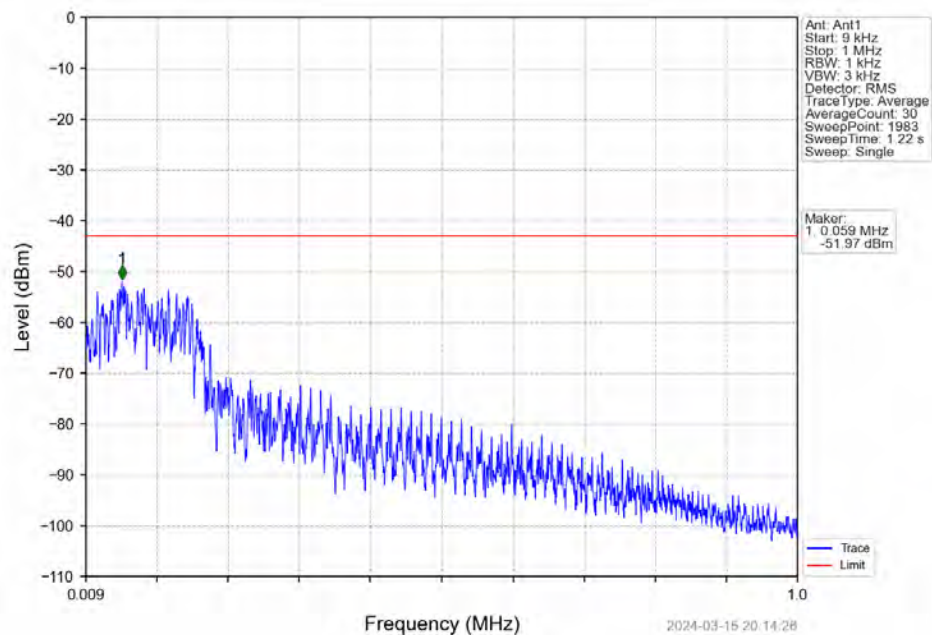
n71 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left



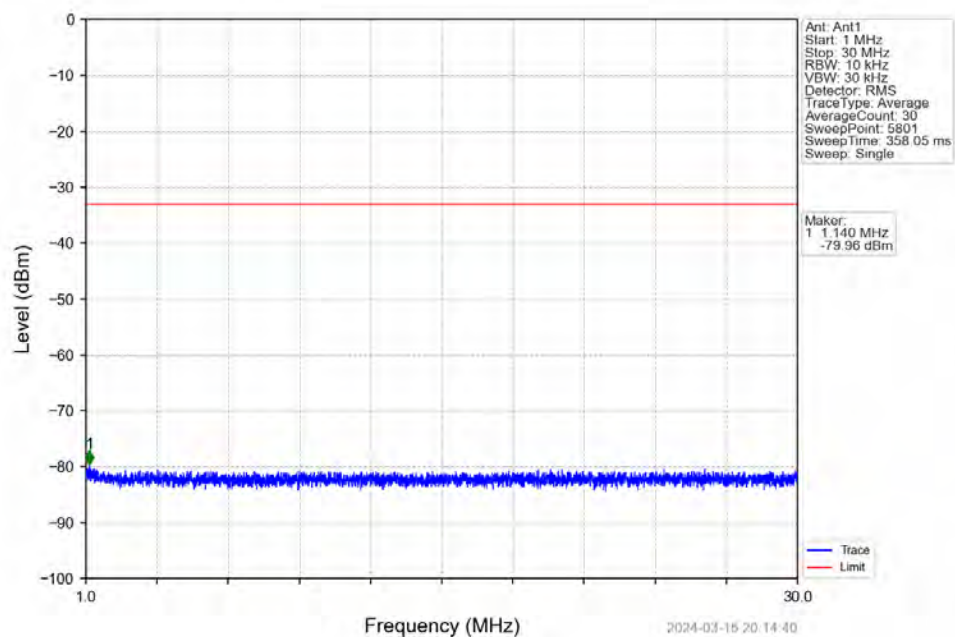
n71 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 688MHz Edge 1RB Right



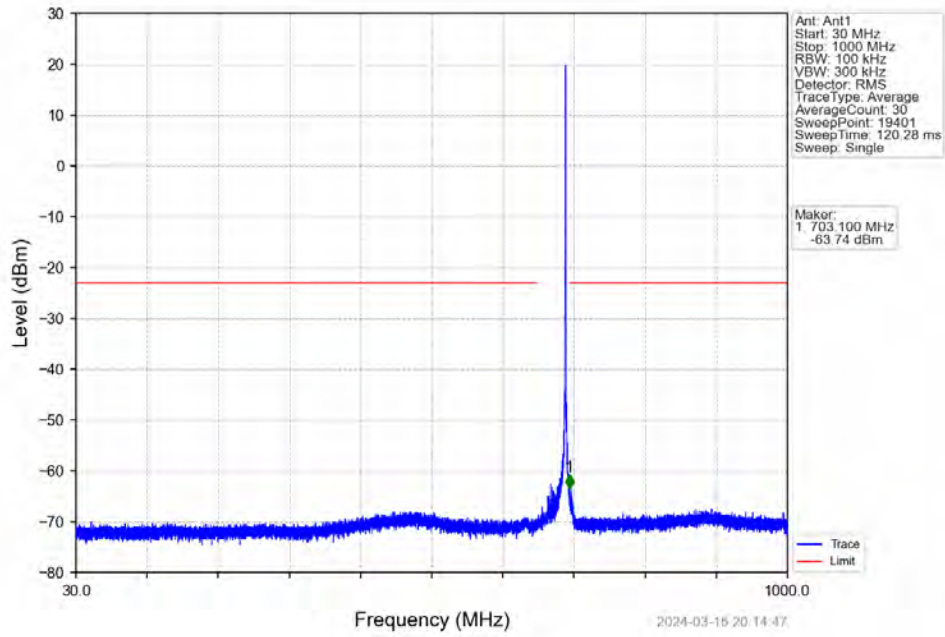
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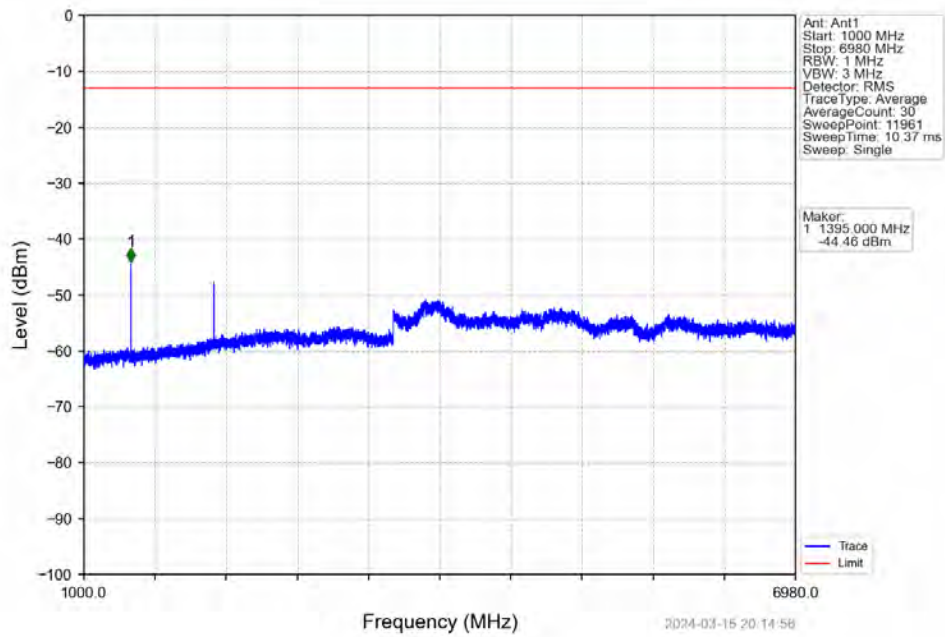
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Edge 1RB Right



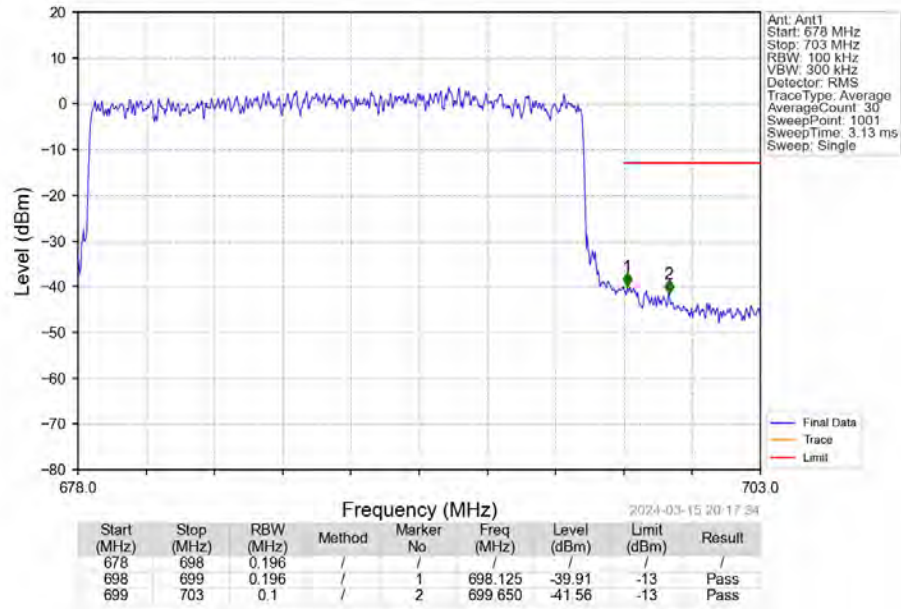
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Edge 1RB Right



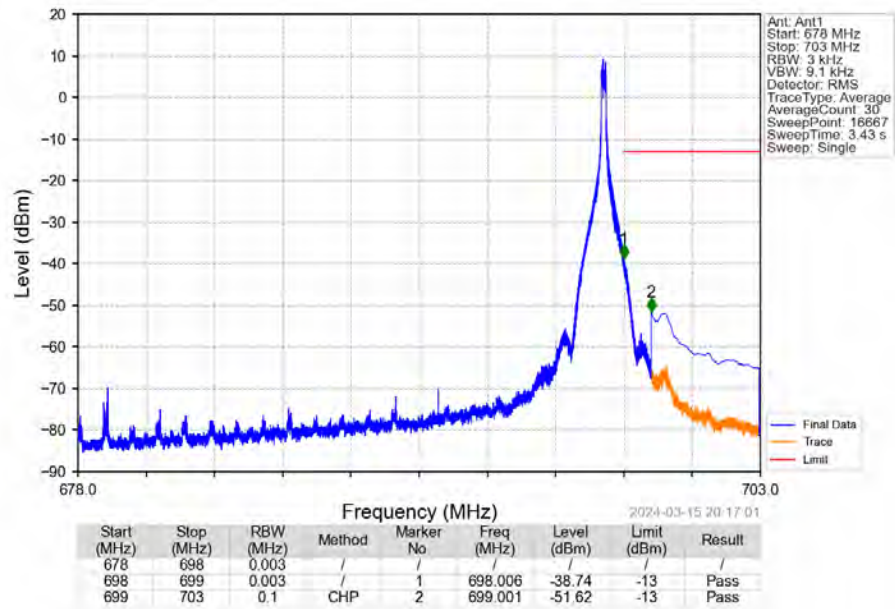
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Edge 1RB Right



n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Outer Full



n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Inner 1RB Right



6. Field Strength of Spurious Radiation

SA Band 71-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1328.0	-69.05	-13	-56.05	-71.44	2.4	4.79	Horizontal	Pass
1992.0	-64.25	-13	-51.25	-66.17	2.72	4.64	Horizontal	Pass
2656.0	-67.82	-13	-54.82	-70.88	3.1	6.16	Horizontal	Pass
1328.0	-66.85	-13	-53.85	-69.24	2.4	4.79	Vertical	Pass
1992.0	-54.45	-13	-41.45	-56.37	2.72	4.64	Vertical	Pass
2656.0	-68.05	-13	-55.05	-71.11	3.1	6.16	Vertical	Pass

SA Band 71-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1348.0	-70.98	-13	-57.98	-73.48	2.42	4.92	Horizontal	Pass
2022.0	-68.12	-13	-55.12	-70.05	2.74	4.67	Horizontal	Pass
2696.0	-68.38	-13	-55.38	-71.52	3.11	6.25	Horizontal	Pass
1348.0	-70.57	-13	-57.57	-73.07	2.42	4.92	Vertical	Pass
2022.0	-68.43	-13	-55.43	-70.36	2.74	4.67	Vertical	Pass
2696.0	-68.49	-13	-55.49	-71.63	3.11	6.25	Vertical	Pass

SA Band 71-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1358.0	-69.65	-13	-56.65	-72.2	2.43	4.98	Horizontal	Pass
2037.0	-66.42	-13	-53.42	-68.38	2.75	4.71	Horizontal	Pass
2716.0	-67.62	-13	-54.62	-70.81	3.11	6.3	Horizontal	Pass
1358.0	-67.07	-13	-54.07	-69.62	2.43	4.98	Vertical	Pass
2037.0	-67.28	-13	-54.28	-69.24	2.75	4.71	Vertical	Pass
2716.0	-67.67	-13	-54.67	-70.86	3.11	6.3	Vertical	Pass