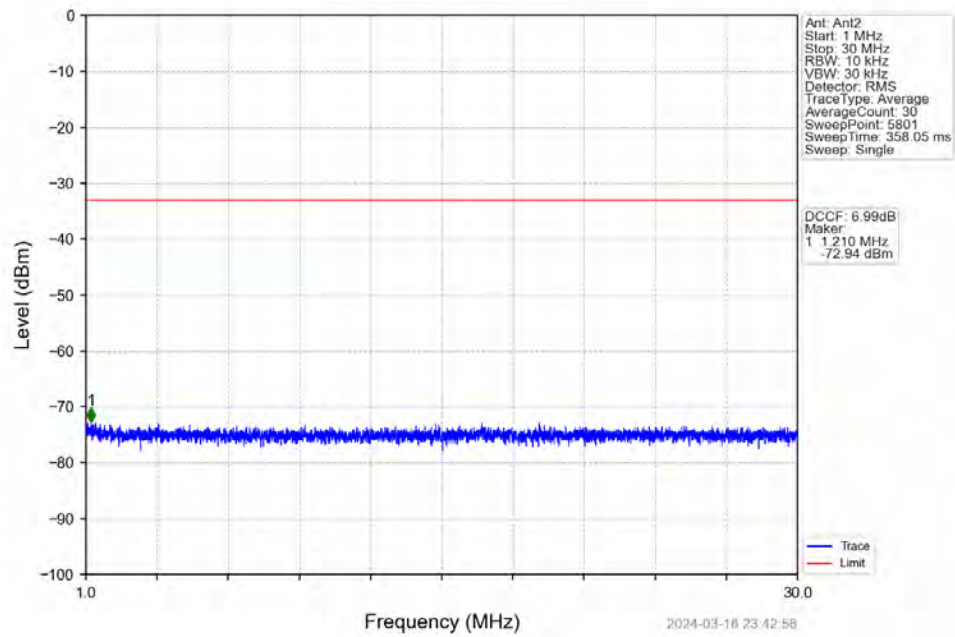
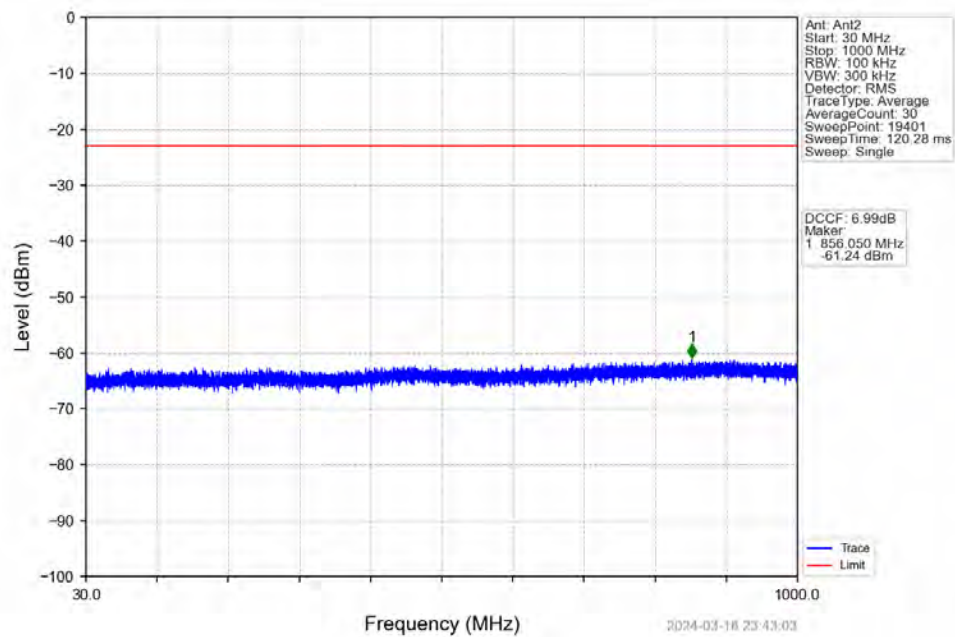


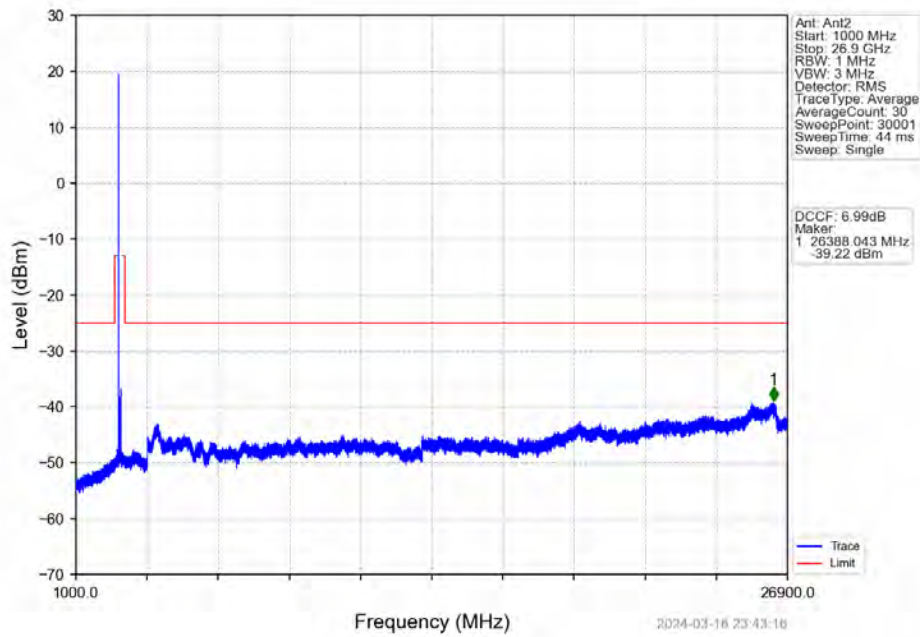
n41 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 2592.99MHz Edge 1RB Left



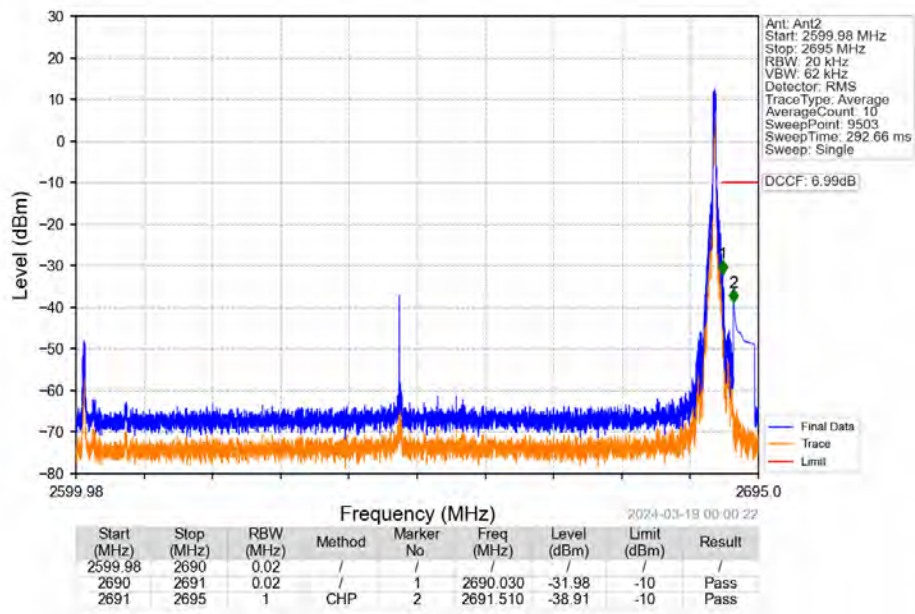
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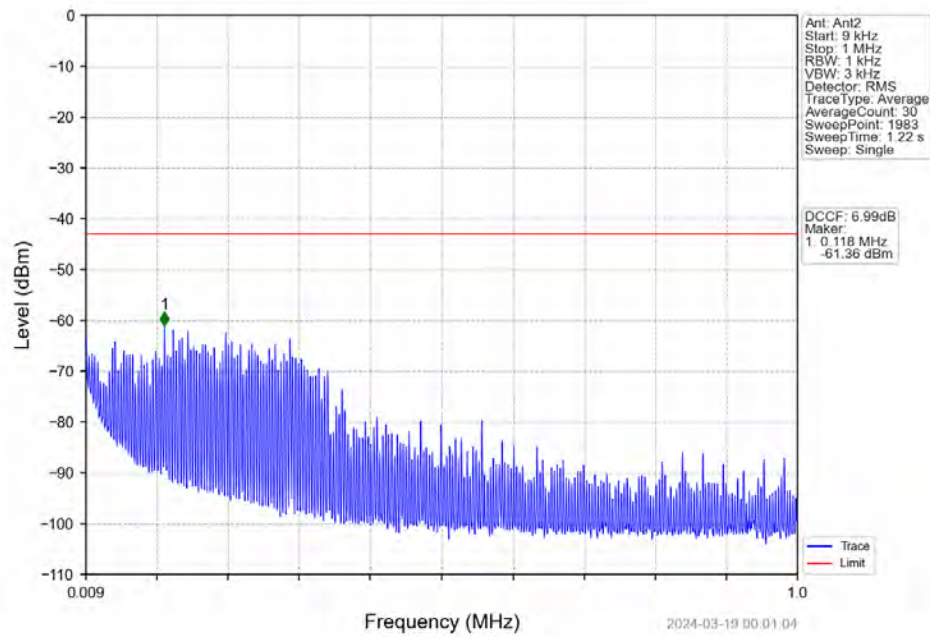
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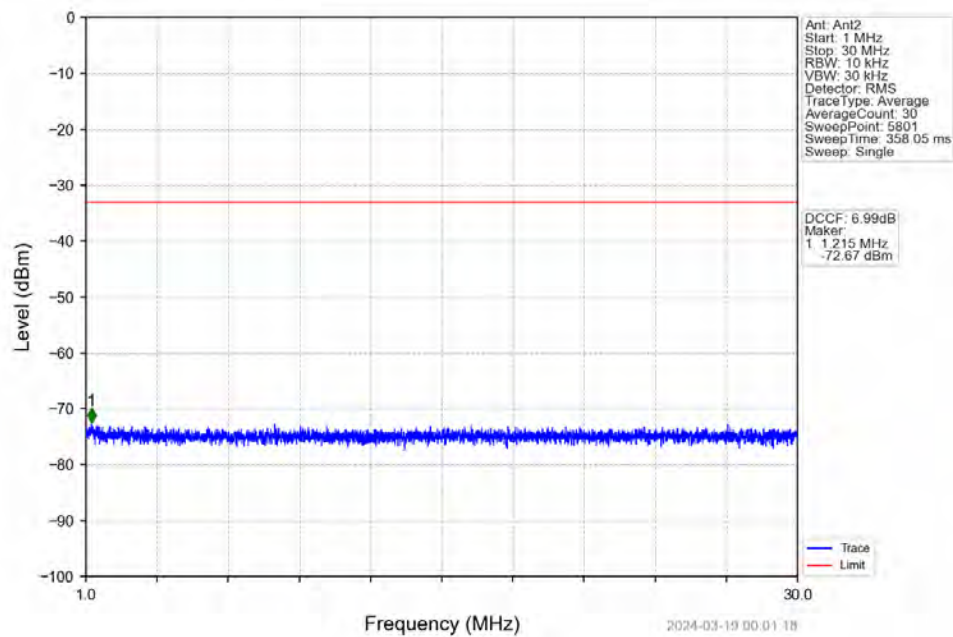
n41 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 2644.98MHz Edge 1RB Right



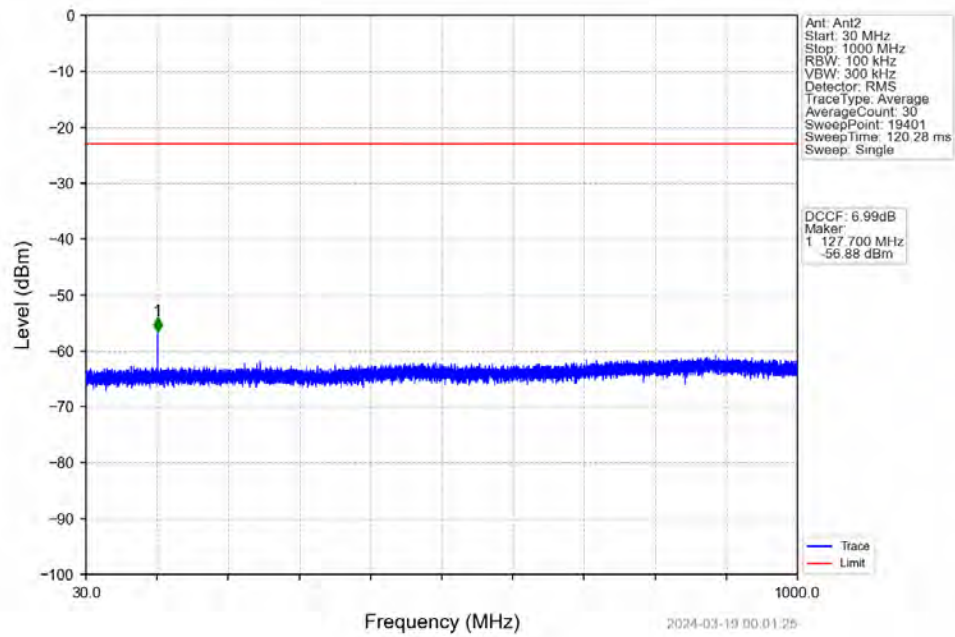
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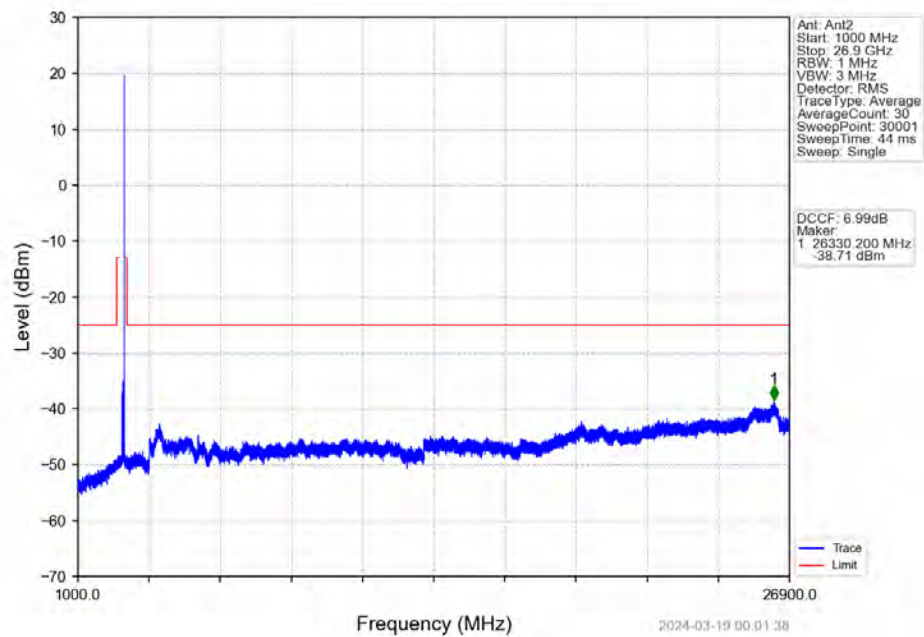
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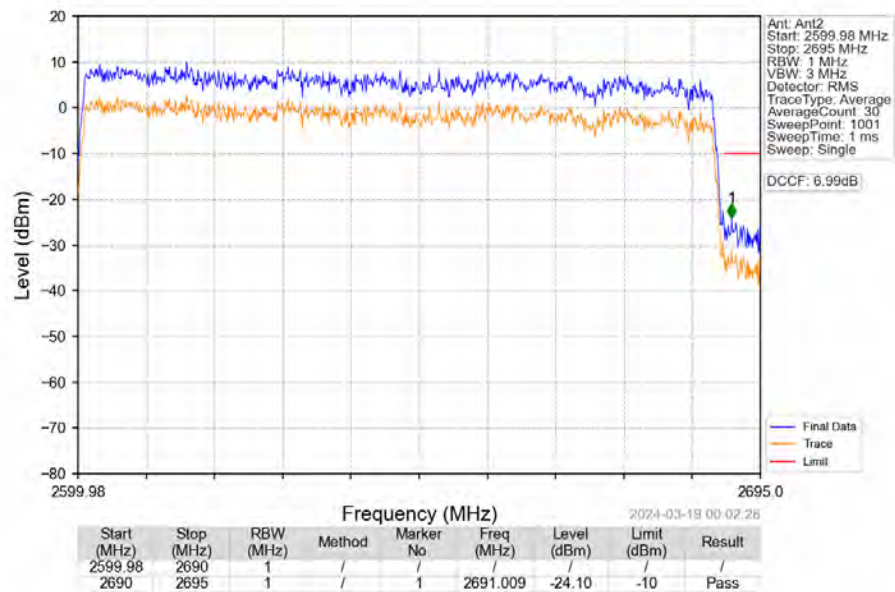
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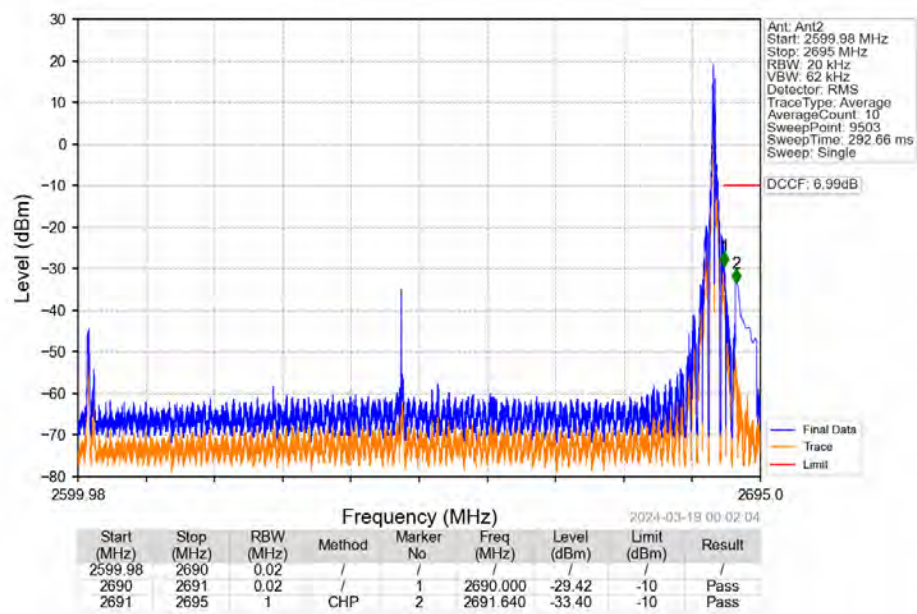
n41 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 2644.98MHz Edge 1RB Right



n41 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 2644.98MHz Outer Full



n41 30kHz SISO NTN 90MHz DFT-s-OFDM QPSK 2644.98MHz Inner 1RB Right

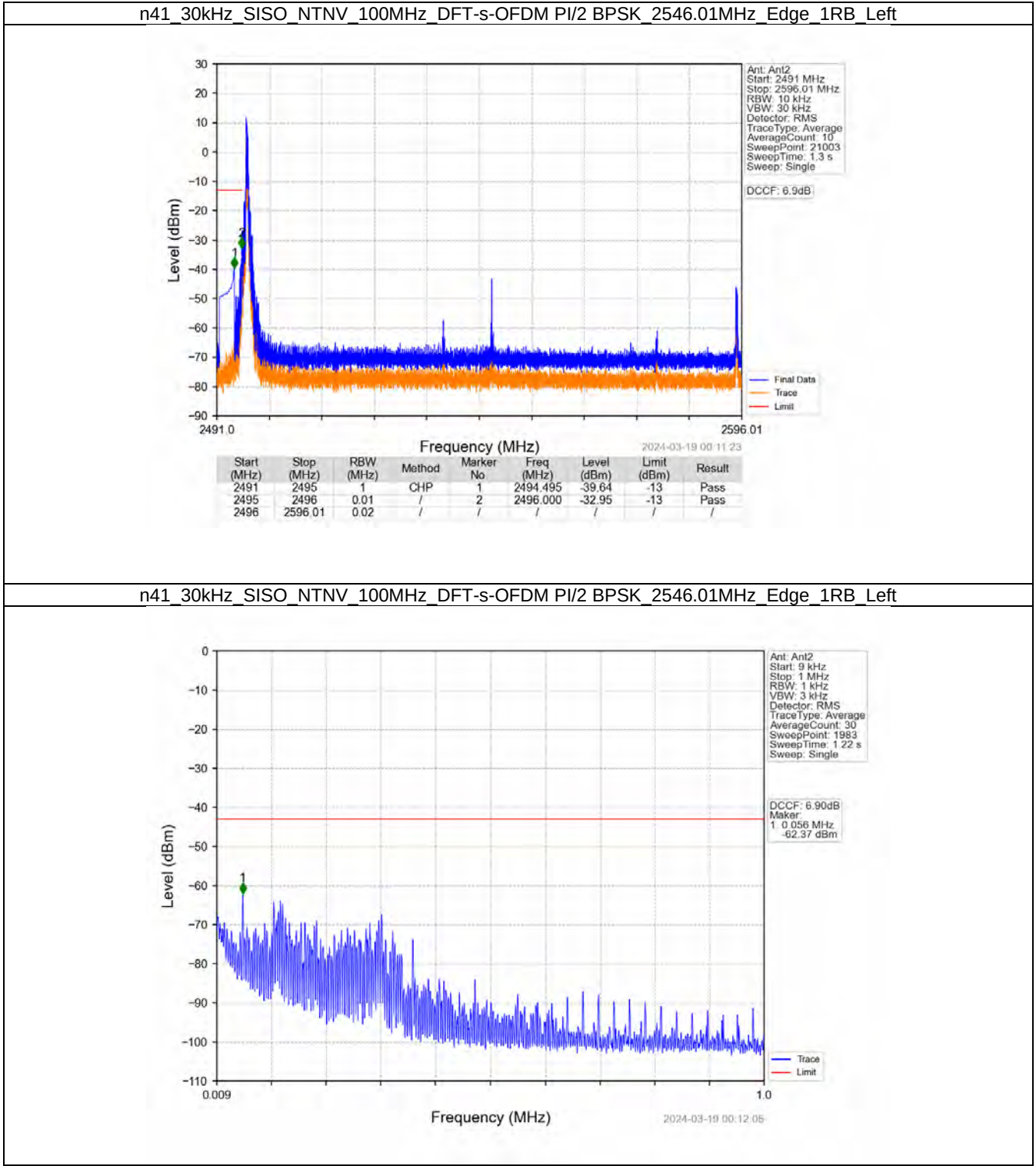


5.9 30k_SISO_100MHz_NTNV

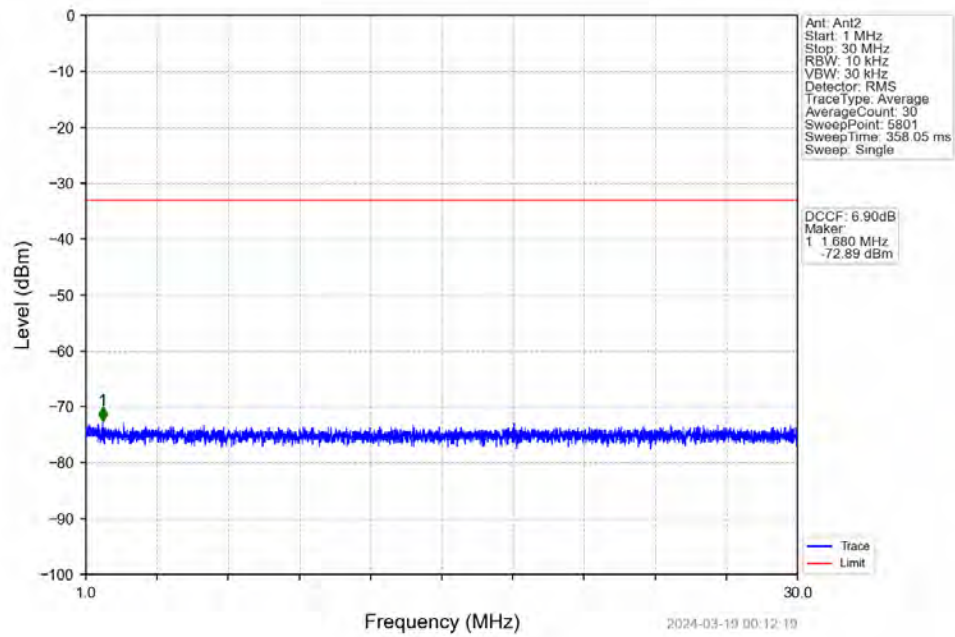
5.9.1 Test Result

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

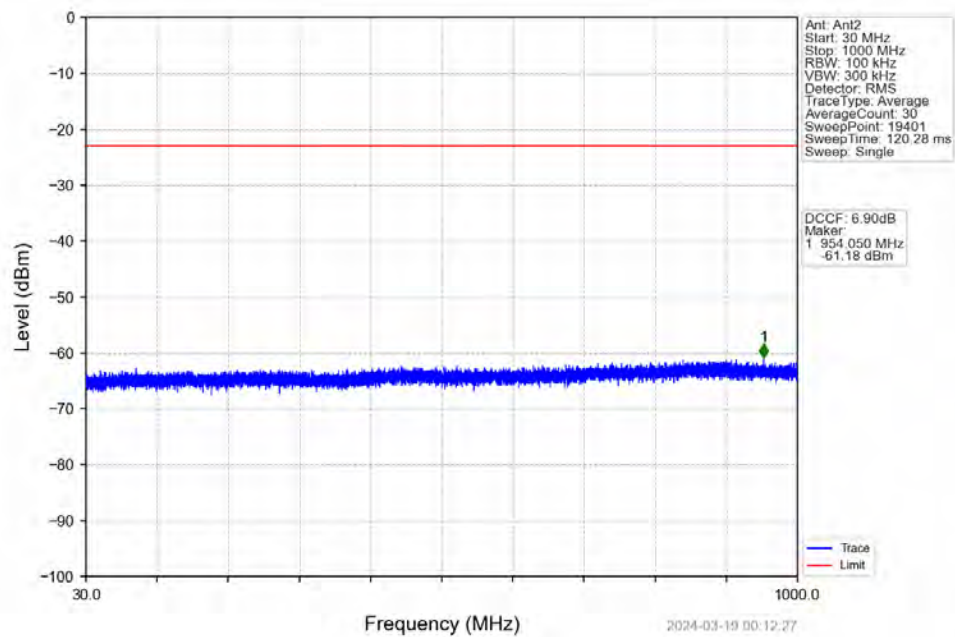
5.9.2 Test Graph



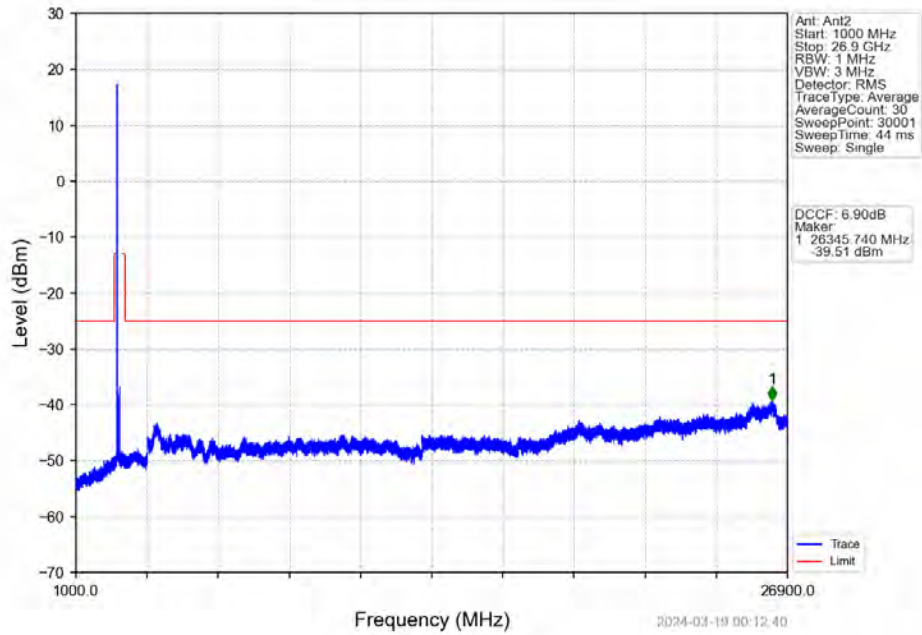
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2546.01MHz Edge 1RB Left



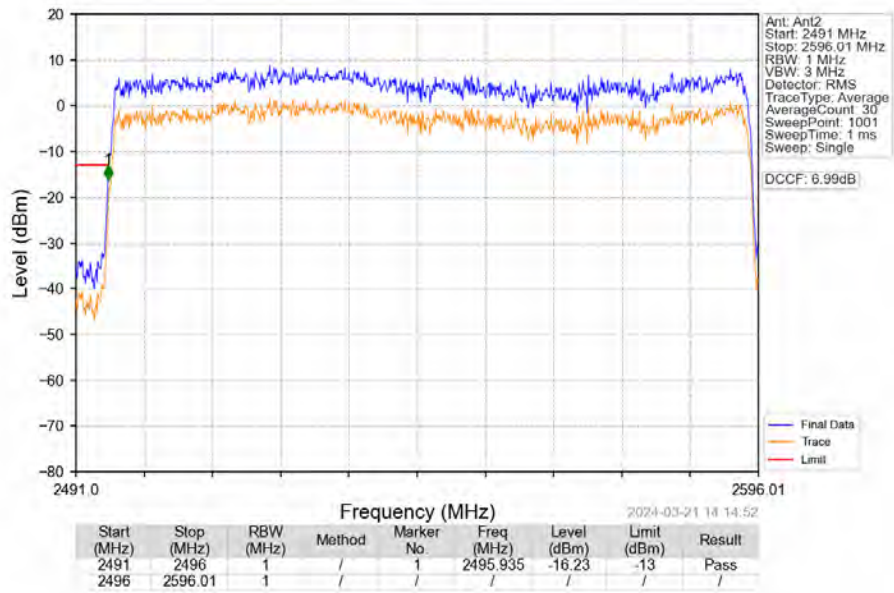
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2546.01MHz Edge 1RB Left



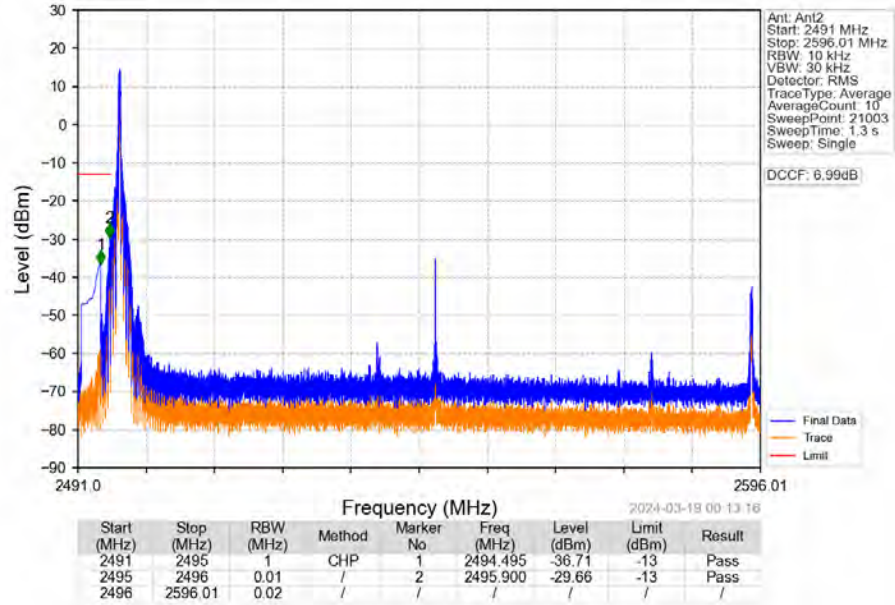
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2546.01MHz Edge 1RB Left



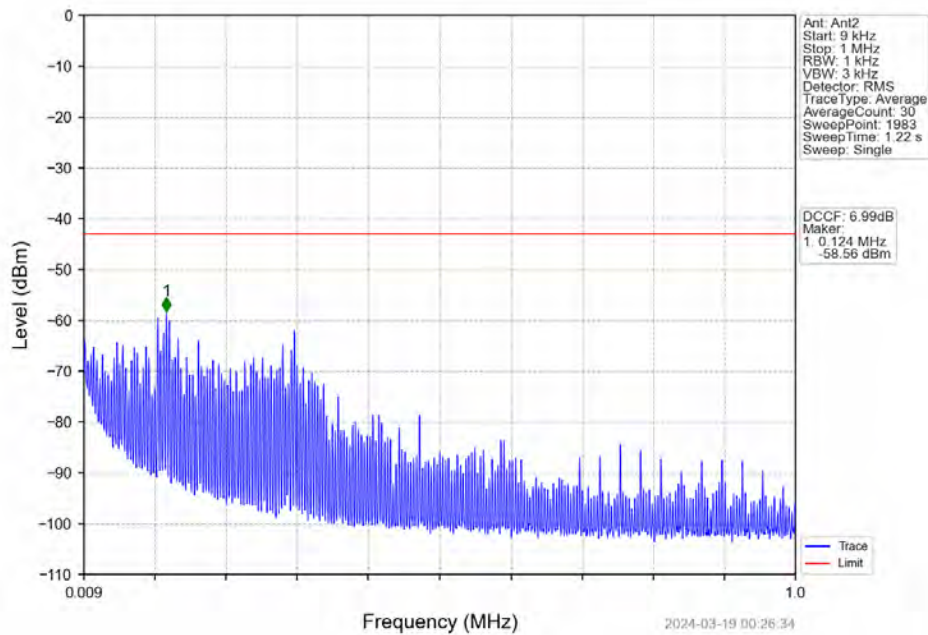
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2546.01MHz Outer Full



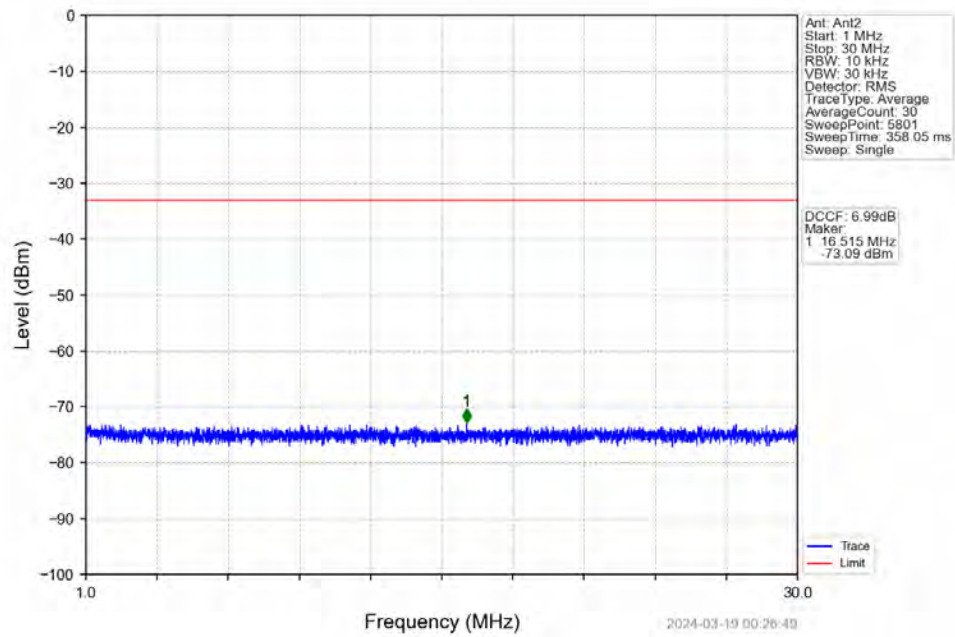
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2546.01MHz Inner 1RB Left



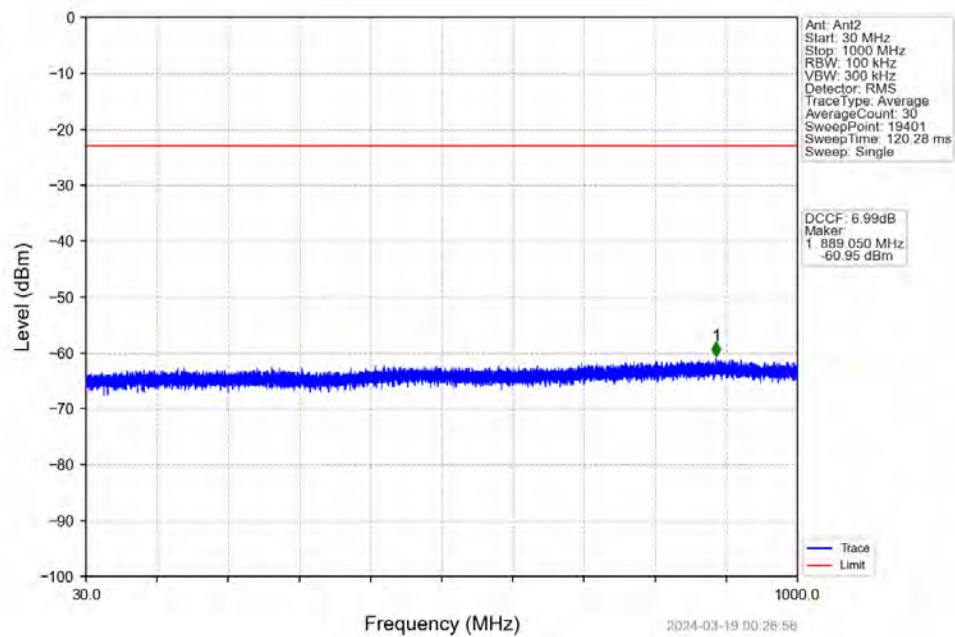
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2592.99MHz Edge 1RB Left



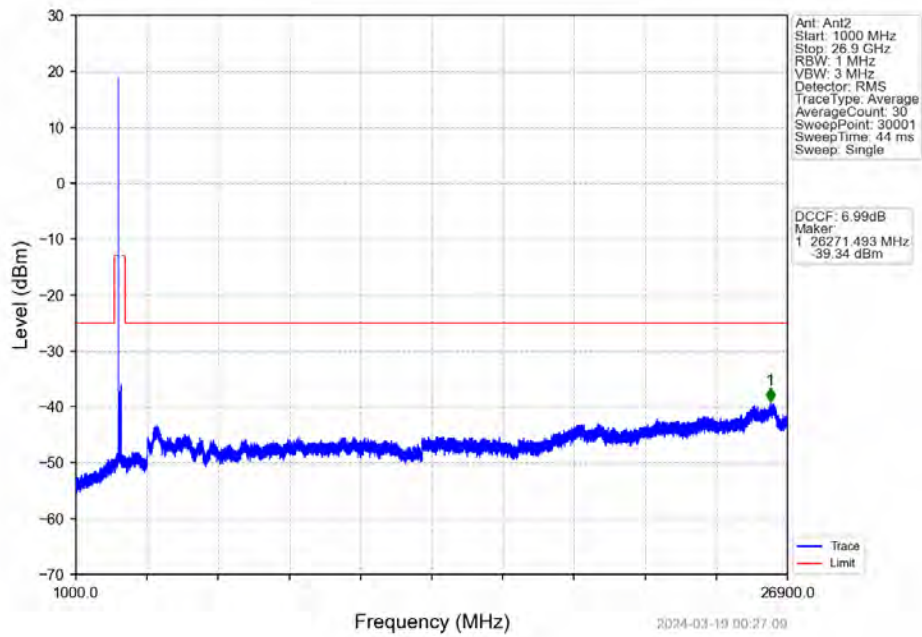
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2592.99MHz Edge 1RB Left



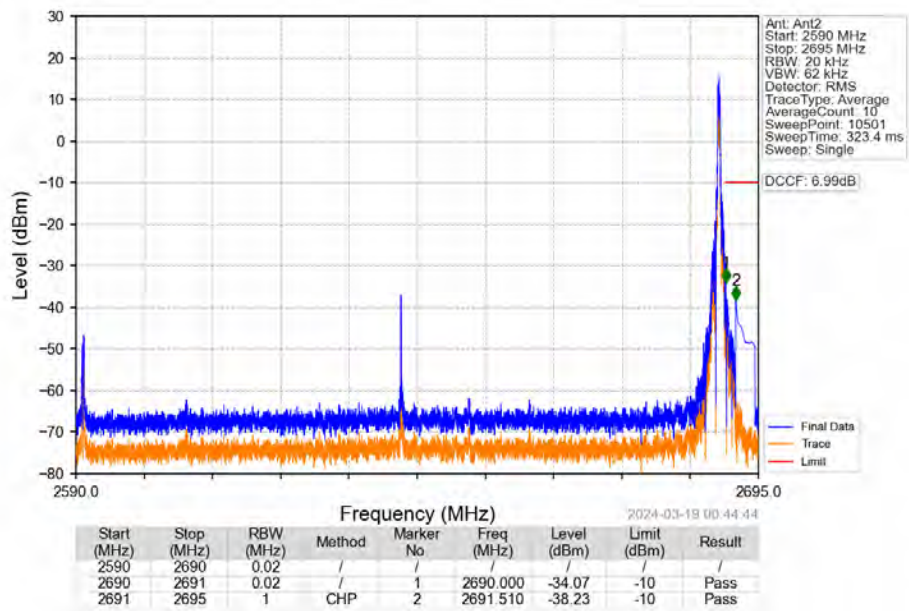
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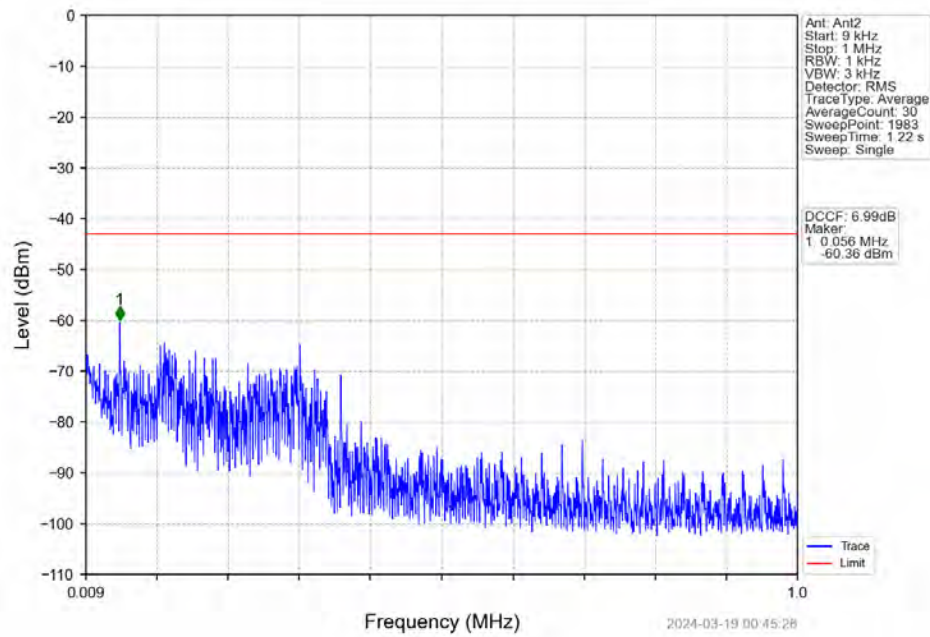
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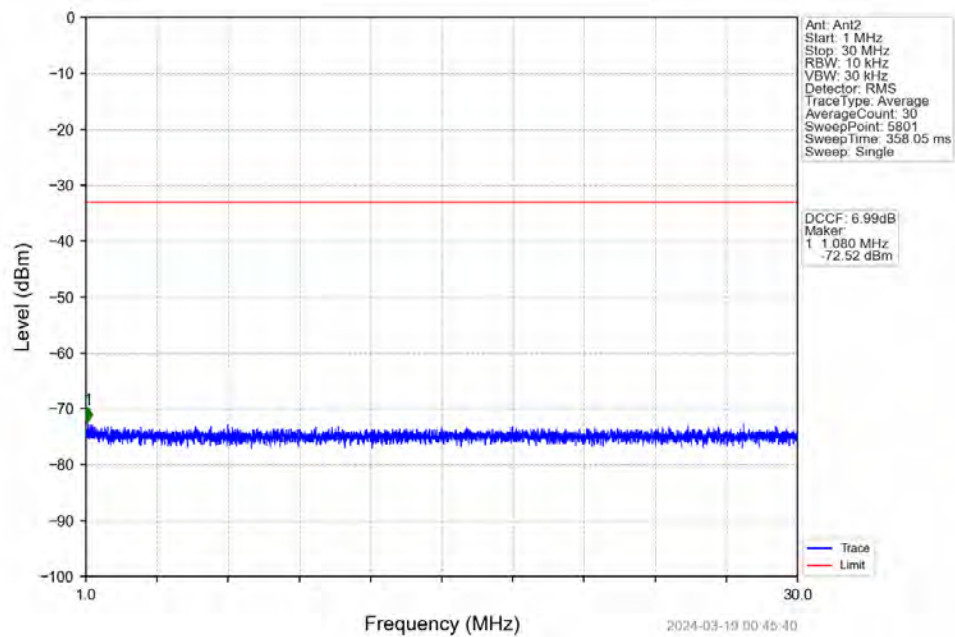
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2640MHz Edge 1RB Right



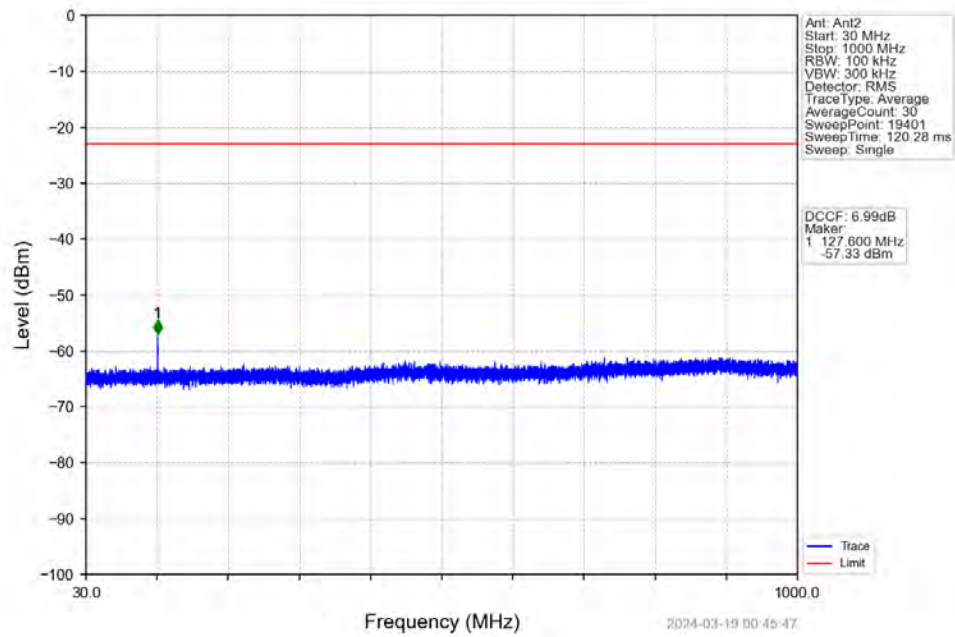
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2640MHz Edge 1RB Right



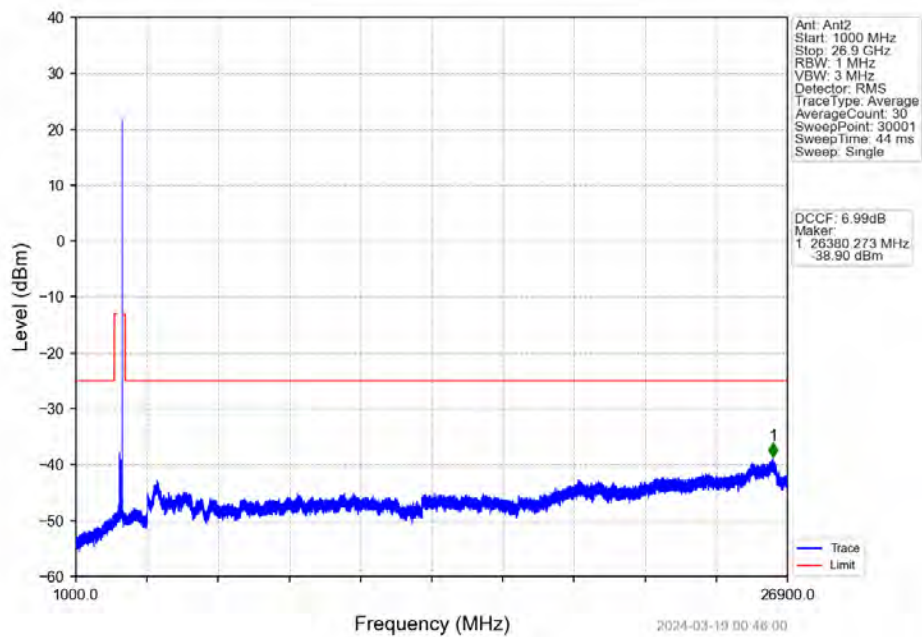
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2640MHz Edge 1RB Right



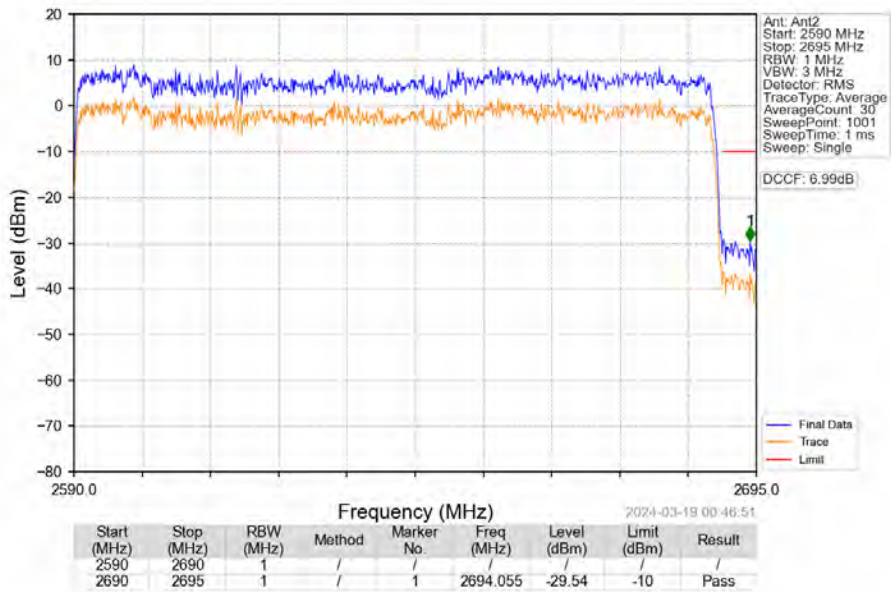
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2640MHz Edge 1RB Right



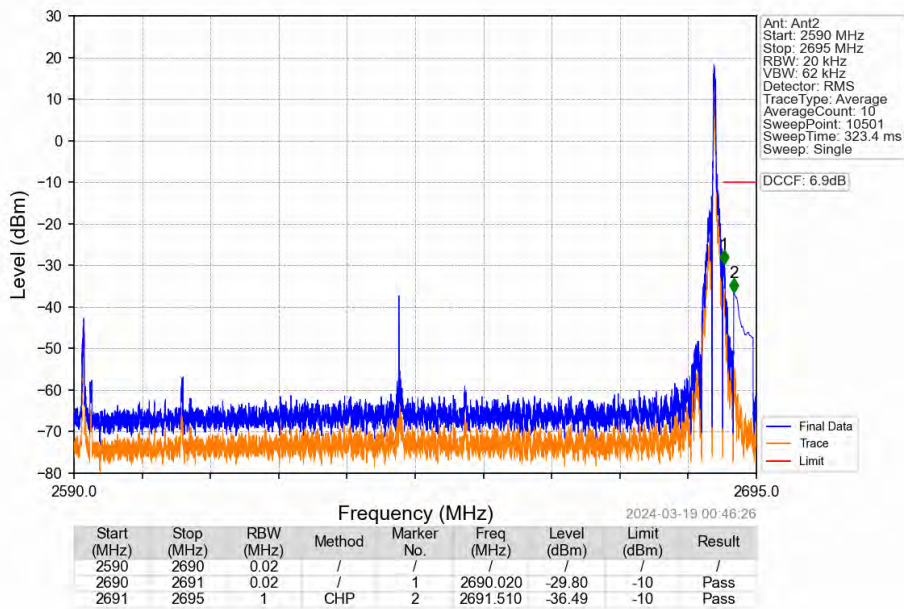
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2640MHz Edge 1RB Right



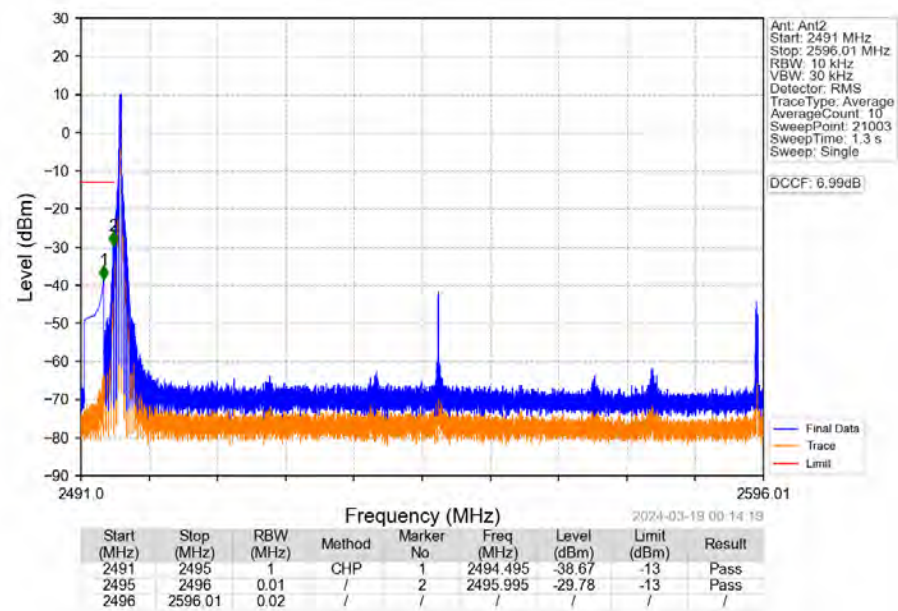
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2640MHz Outer Full



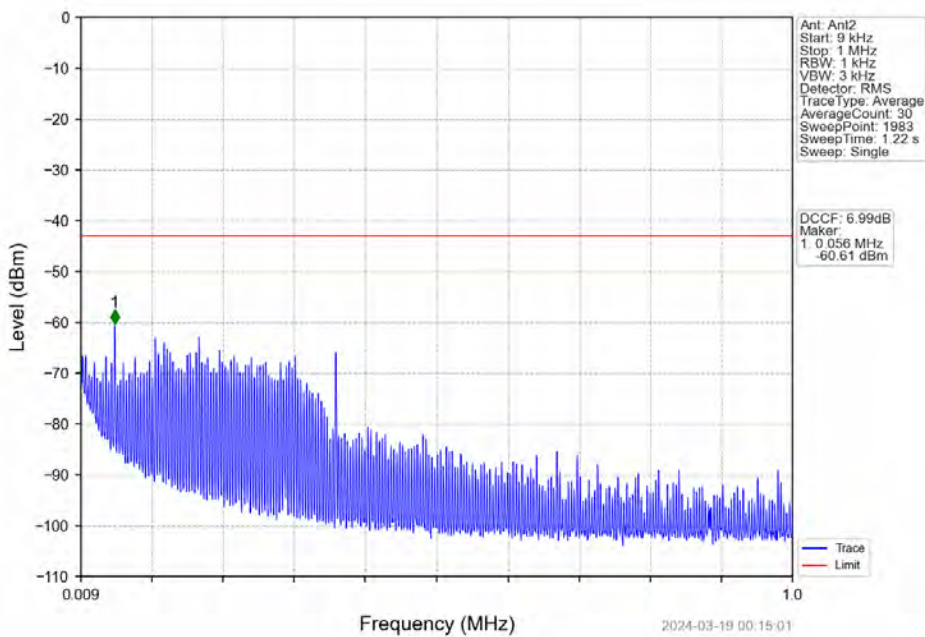
n41 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 2640MHz Inner 1RB Right



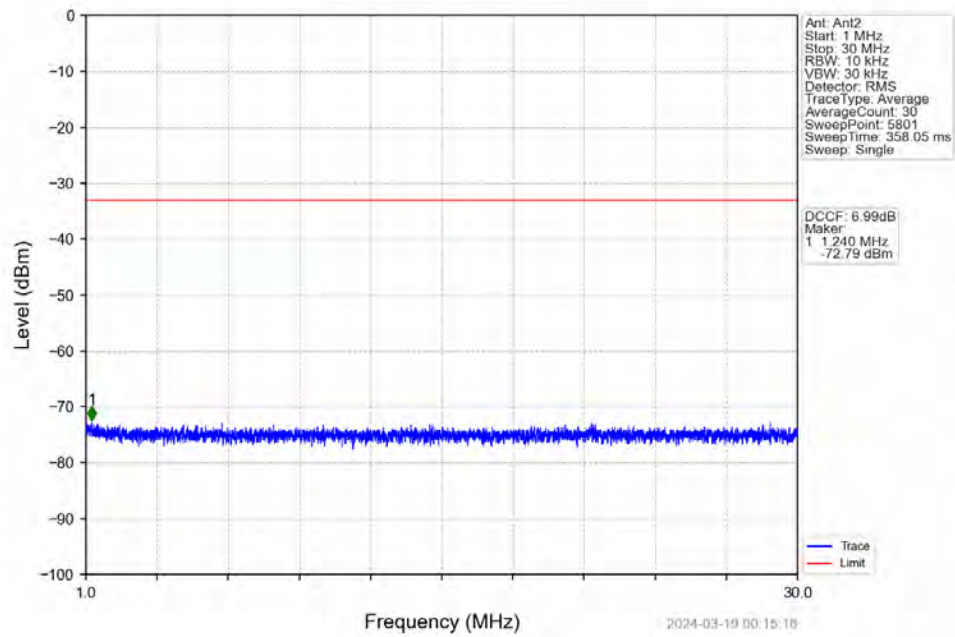
n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2546.01MHz Edge 1RB Left



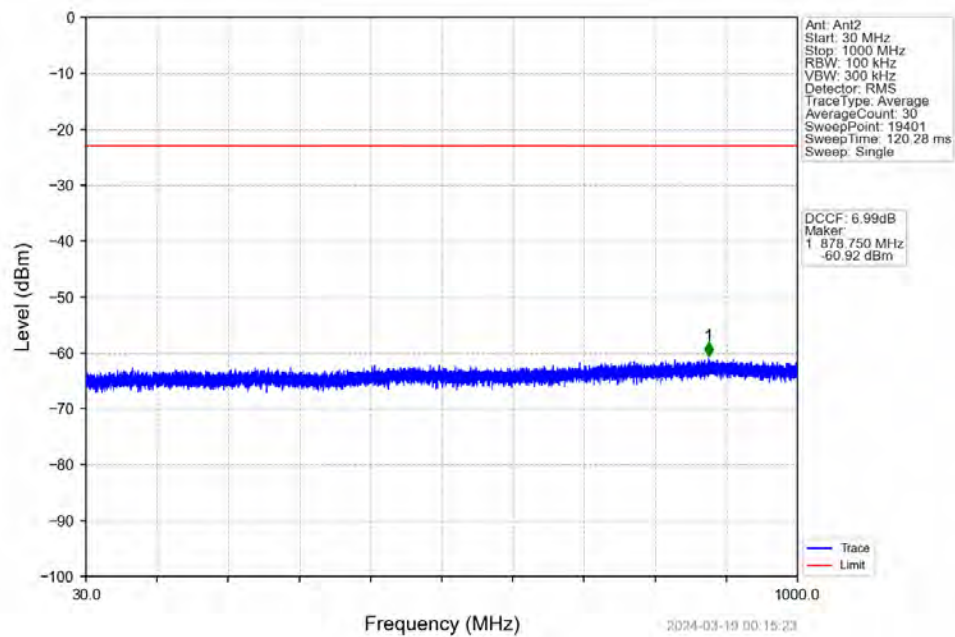
n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2546.01MHz Edge 1RB Left



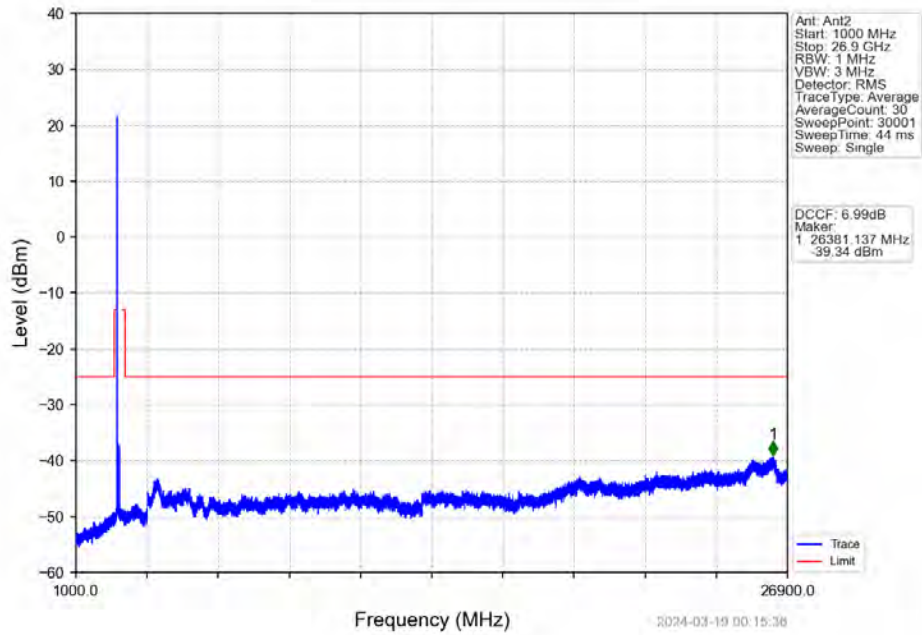
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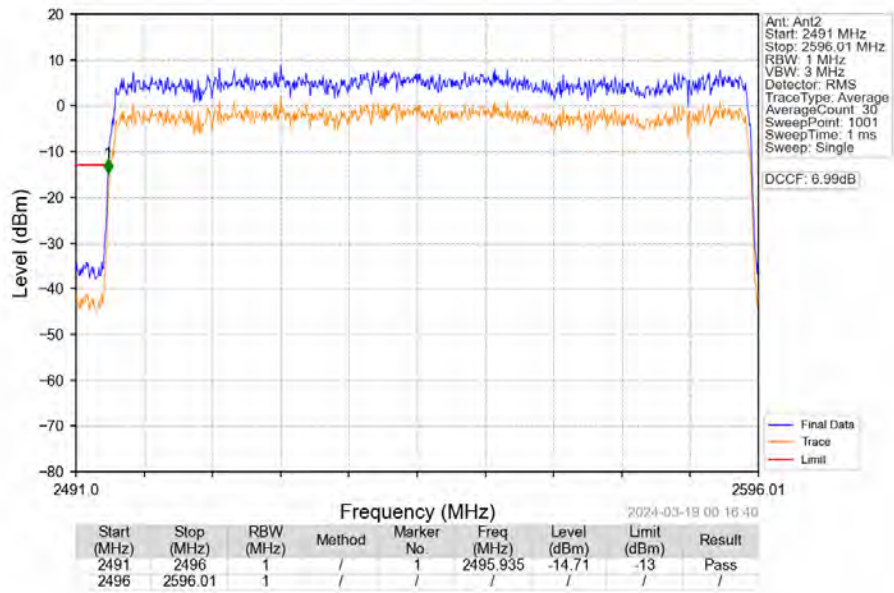
n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2546.01MHz Edge 1RB Left



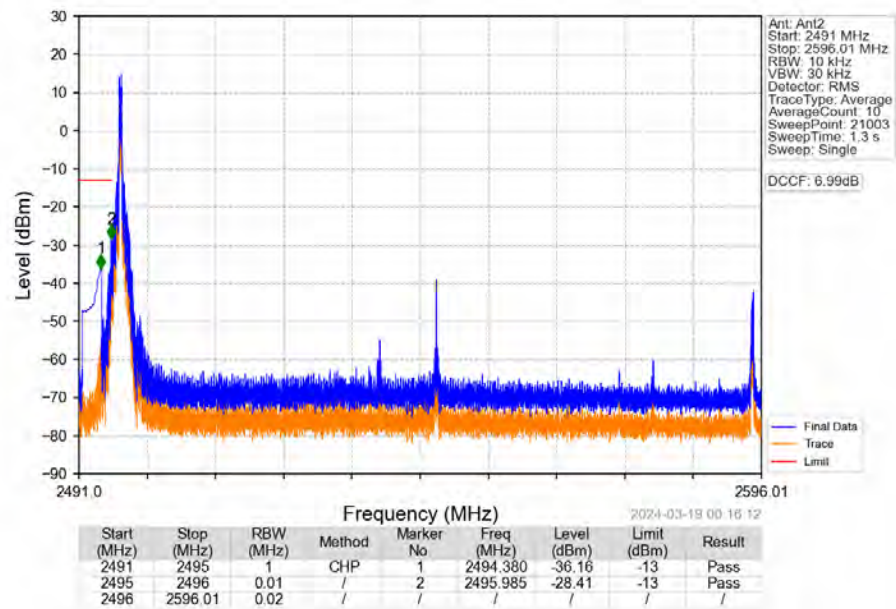
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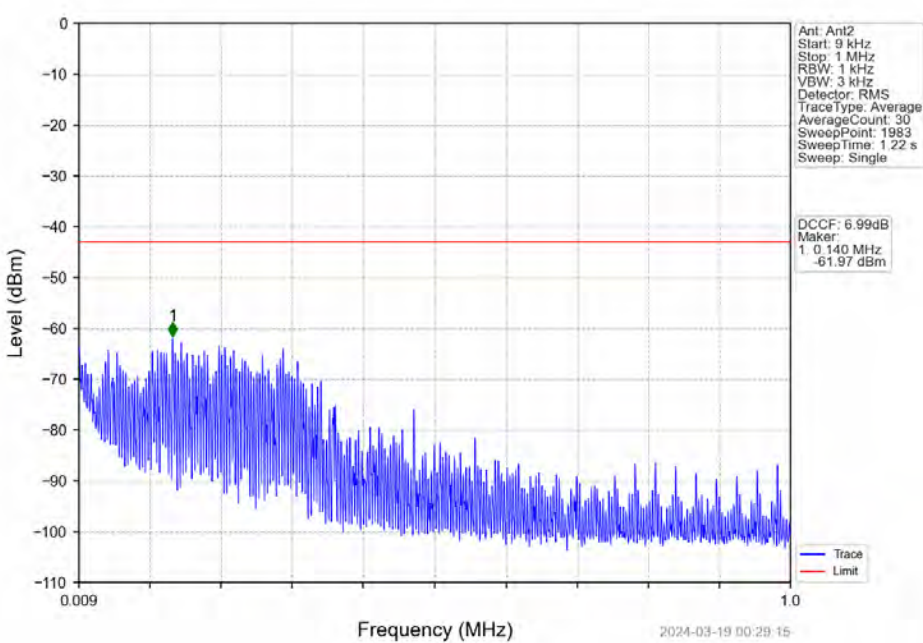
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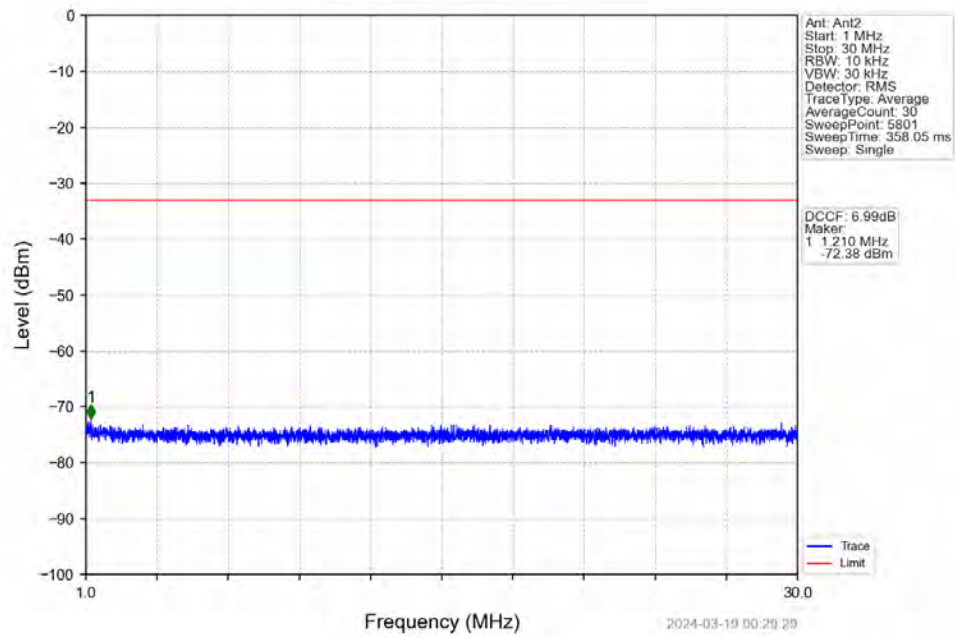
n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2546.01MHz Inner 1RB Left



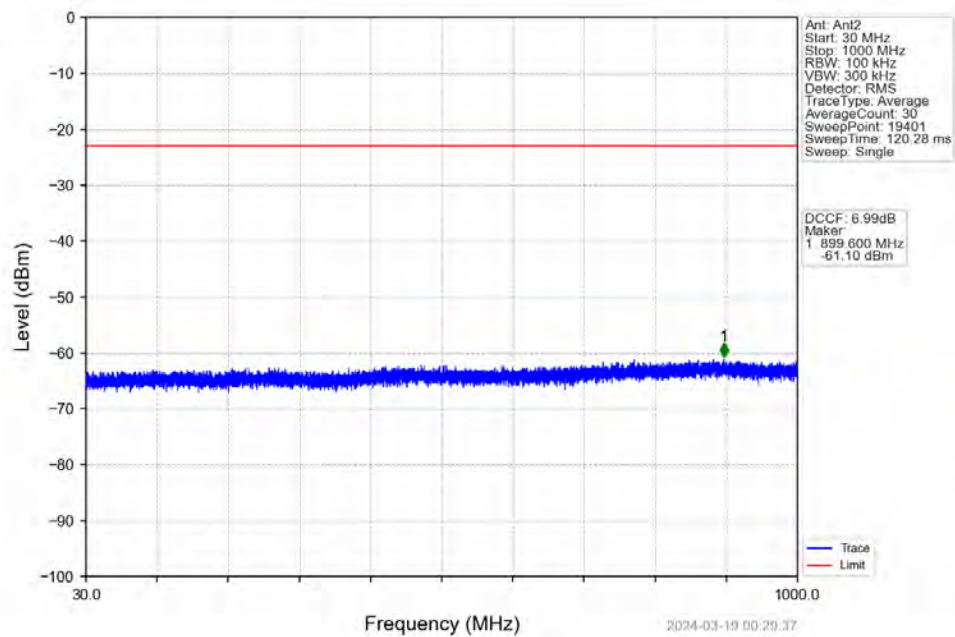
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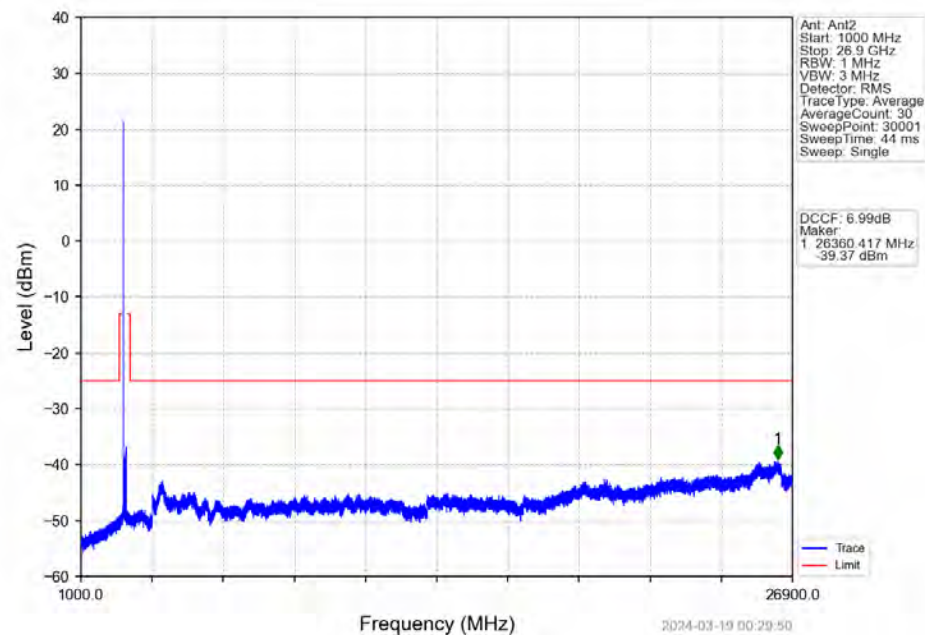
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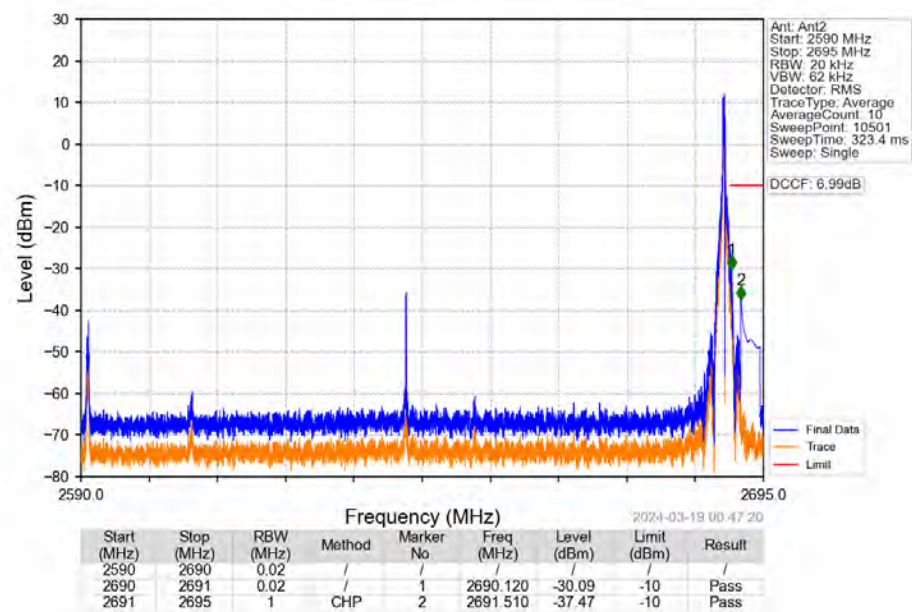
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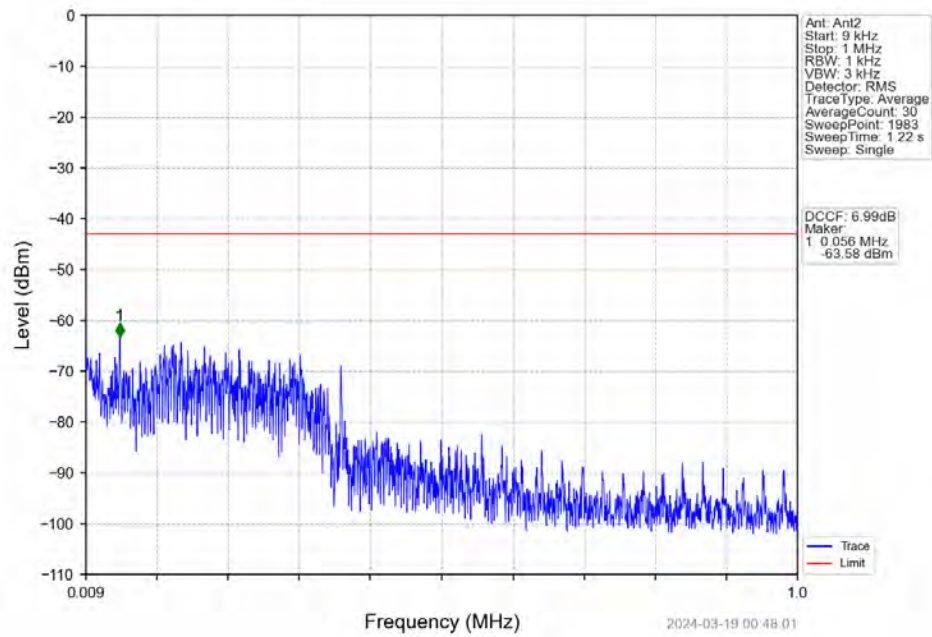
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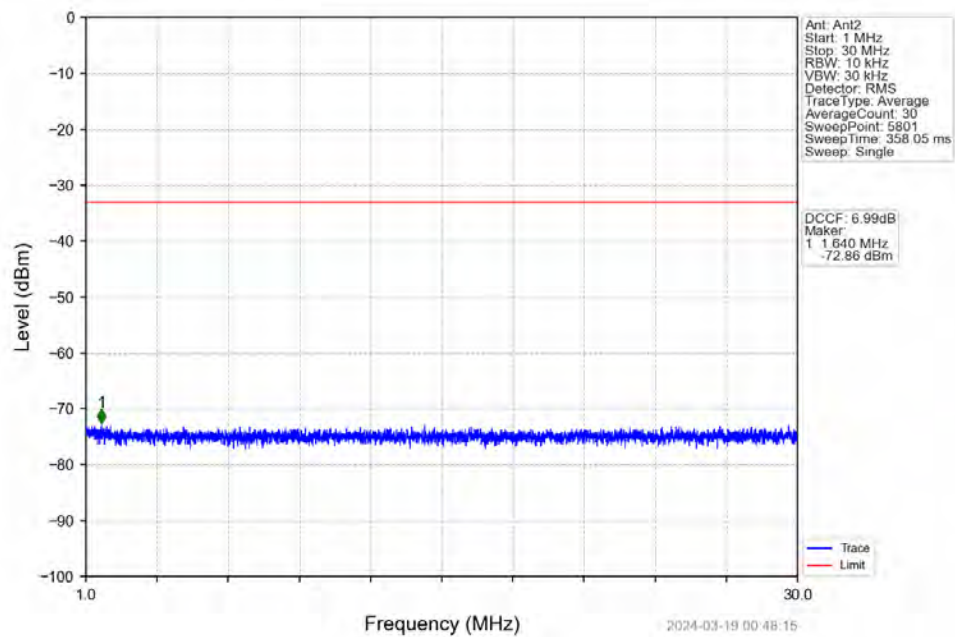
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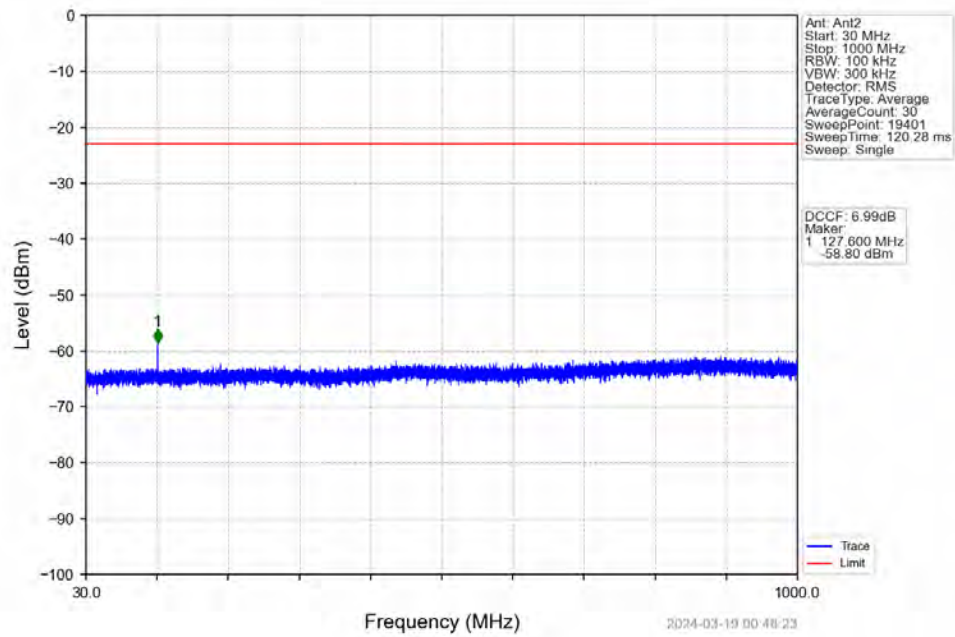
n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2640MHz Edge 1RB Right



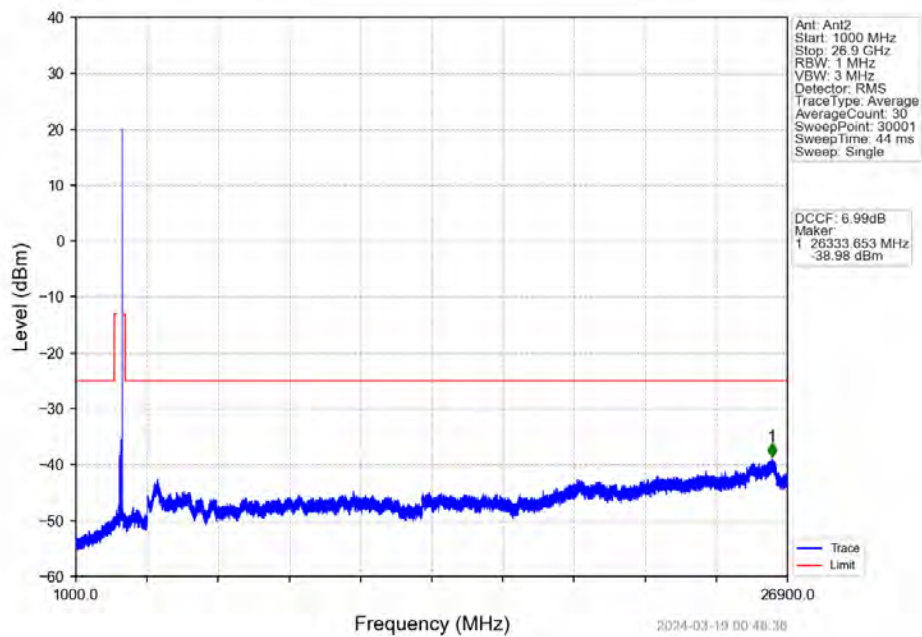
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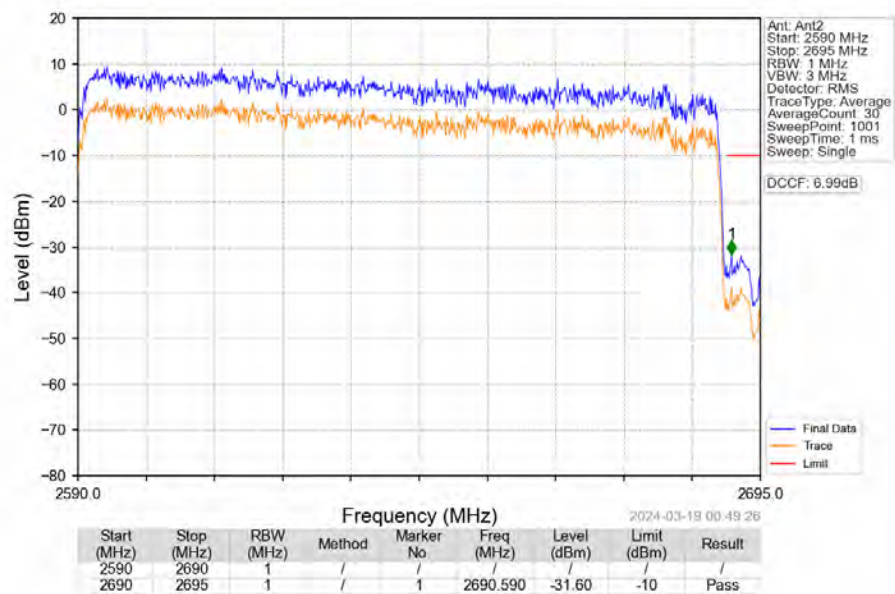
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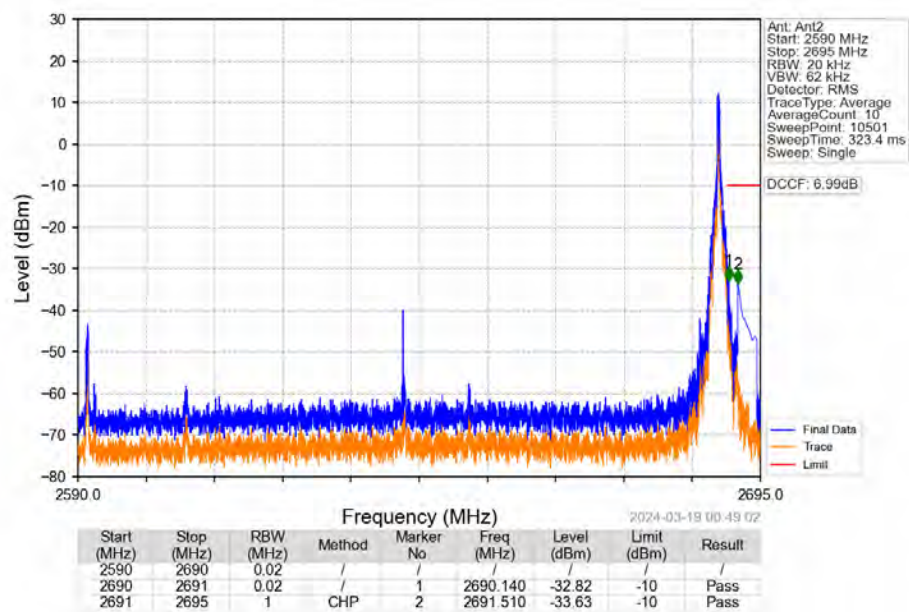
n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2640MHz Edge 1RB Right



n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2640MHz Outer Full



n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2640MHz Inner 1RB Right



6. Field Strength of Spurious Radiation

SA Band 41-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
5002.02	-62.47	-25	-37.47	-68.04	4.57	10.14	Horizontal	Pass
7503.03	-60.33	-25	-35.33	-67.13	4.94	11.74	Horizontal	Pass
10004.04	-56.81	-25	-31.81	-64.38	5.46	13.03	Horizontal	Pass
5002.02	-62.49	-25	-37.49	-68.06	4.57	10.14	Vertical	Pass
7503.03	-60.71	-25	-35.71	-67.51	4.94	11.74	Vertical	Pass
10004.04	-56.92	-25	-31.92	-64.49	5.46	13.03	Vertical	Pass

SA Band 41-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
5095.98	-63.35	-25	-38.35	-68.95	4.6	10.2	Horizontal	Pass
7643.97	-60.85	-25	-35.85	-67.81	4.95	11.91	Horizontal	Pass
10191.96	-57.23	-25	-32.23	-64.8	5.49	13.06	Horizontal	Pass
5095.98	-63.48	-25	-38.48	-69.08	4.6	10.2	Vertical	Pass
7643.97	-60.63	-25	-35.63	-67.59	4.95	11.91	Vertical	Pass
10191.96	-57.14	-25	-32.14	-64.71	5.49	13.06	Vertical	Pass

SA Band 41-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
5190.0	-63.63	-25	-38.63	-69.26	4.63	10.26	Horizontal	Pass
7785.0	-58.98	-25	-33.98	-66.1	4.96	12.08	Horizontal	Pass
10380.0	-57.51	-25	-32.51	-65.09	5.52	13.1	Horizontal	Pass
5190.0	-63.06	-25	-38.06	-68.69	4.63	10.26	Vertical	Pass
7785.0	-59.76	-25	-34.76	-66.88	4.96	12.08	Vertical	Pass
10380.0	-57.16	-25	-32.16	-64.74	5.52	13.1	Vertical	Pass