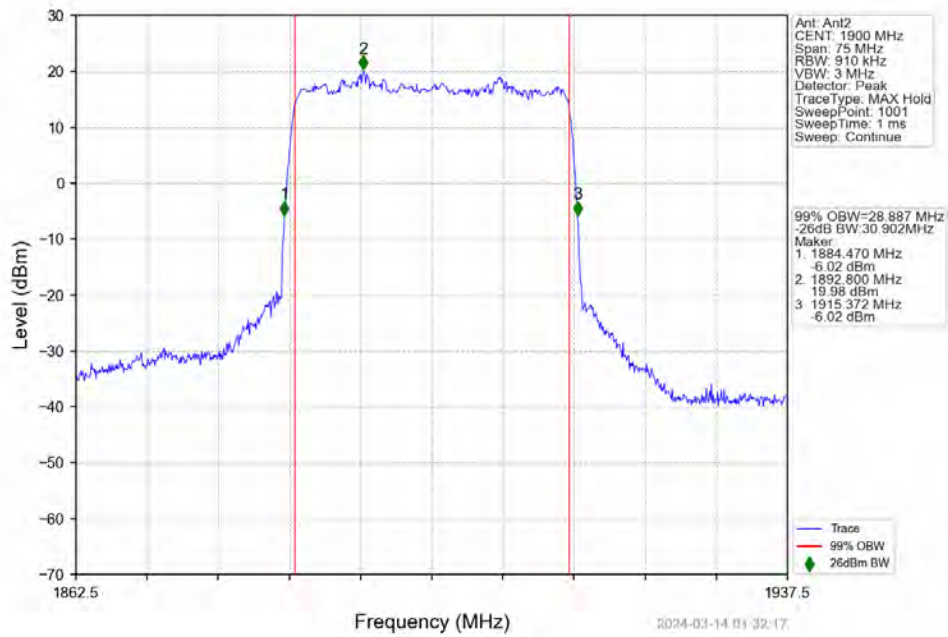
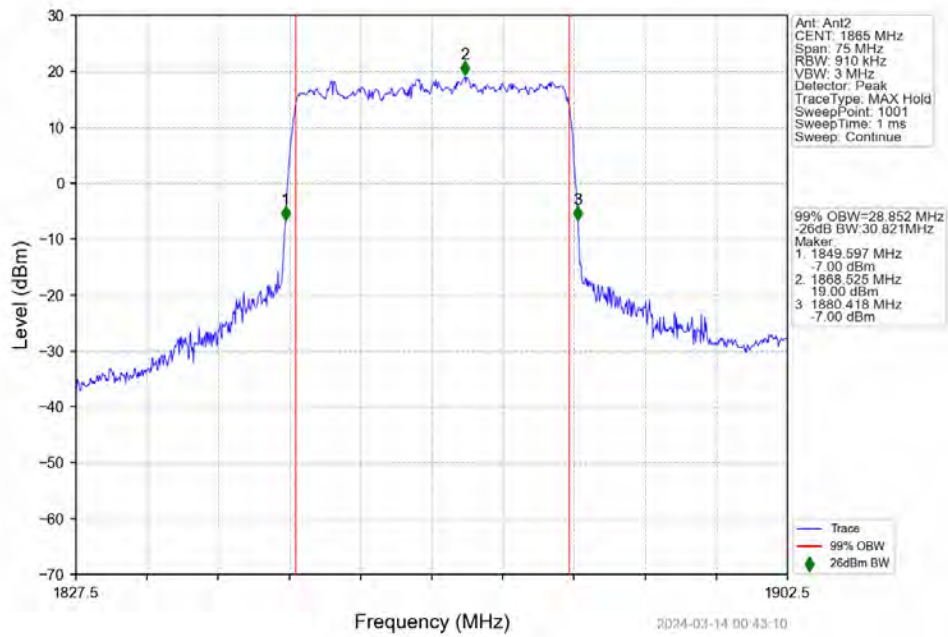


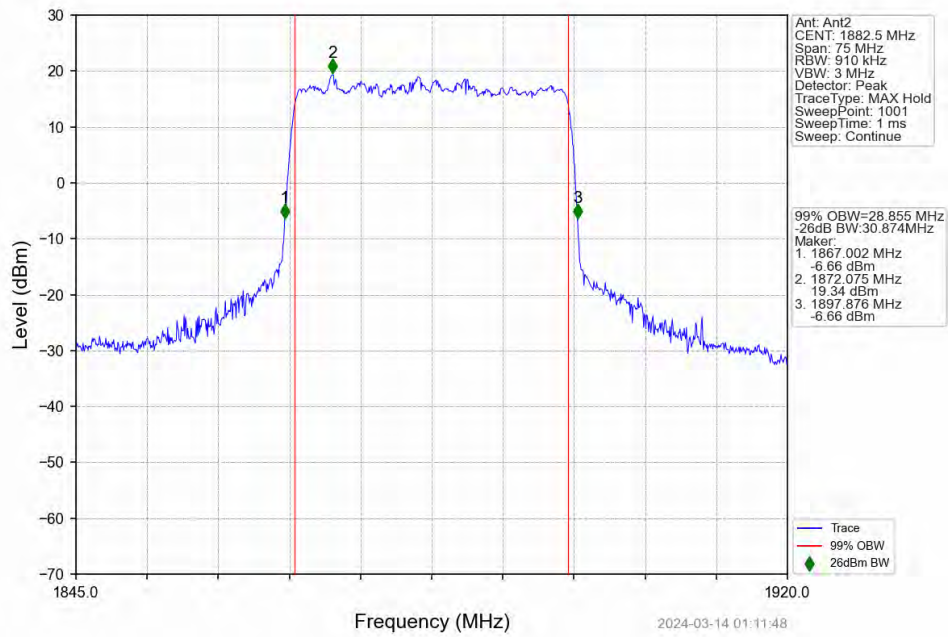
n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1900MHz Outer Full



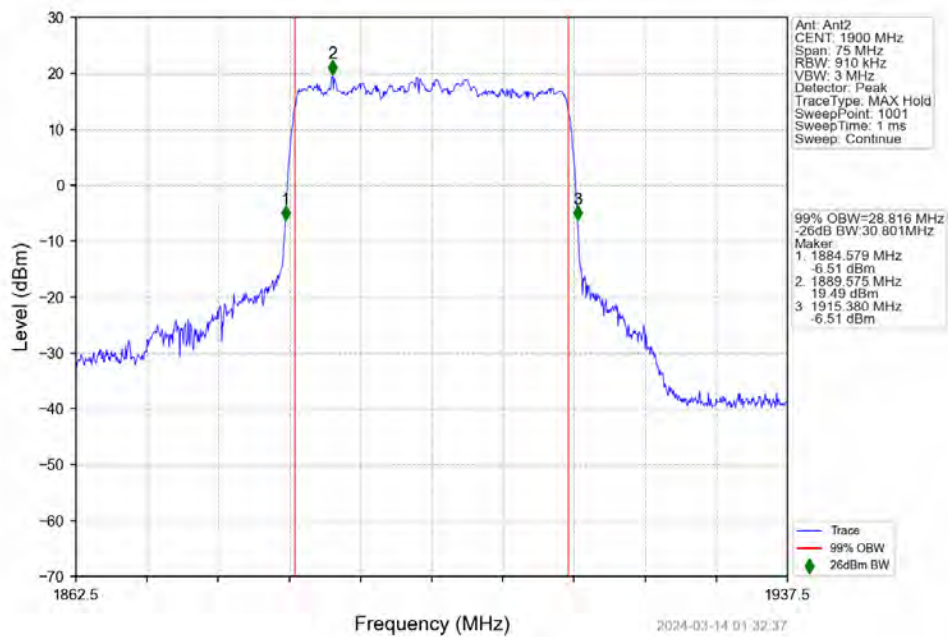
n25 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 1865MHz Outer Full



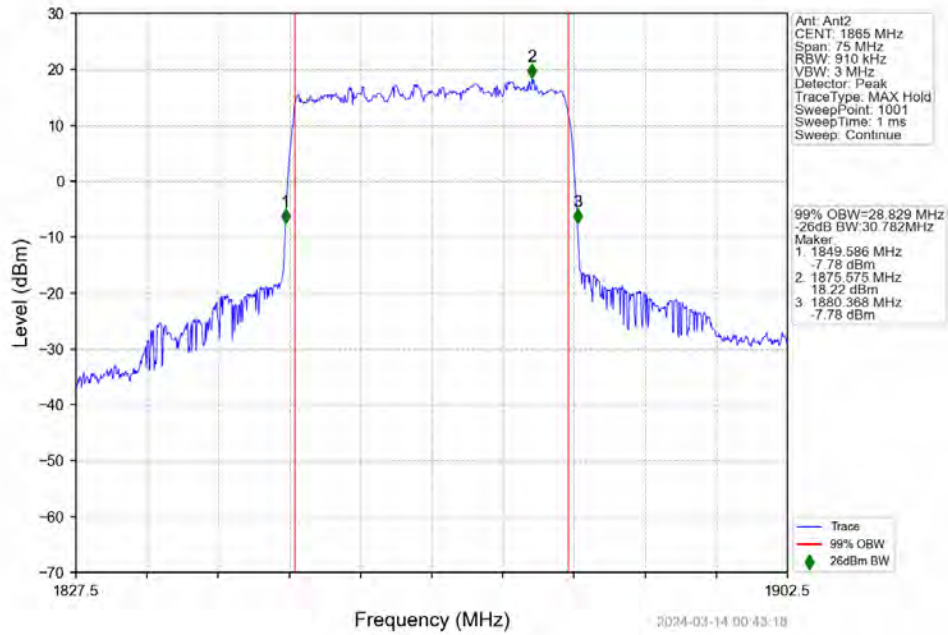
n25 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 1882.5MHz Outer Full



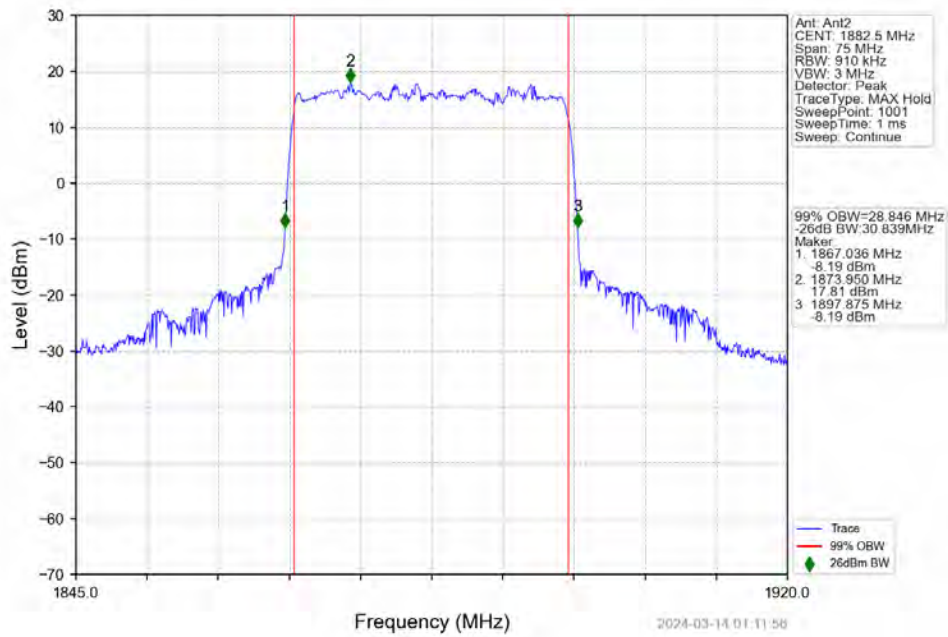
n25 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 1900MHz Outer Full



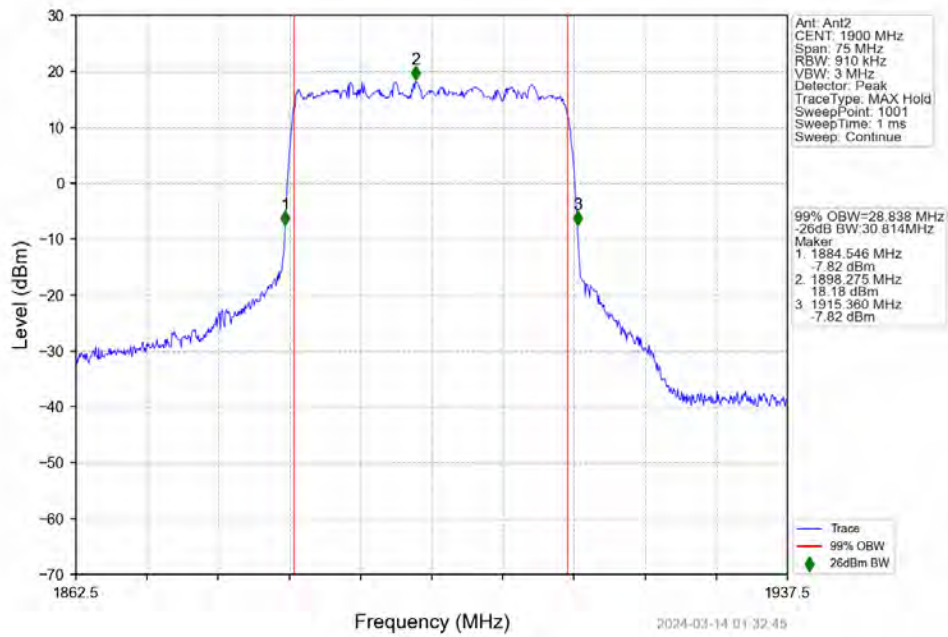
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 1865MHz Outer Full



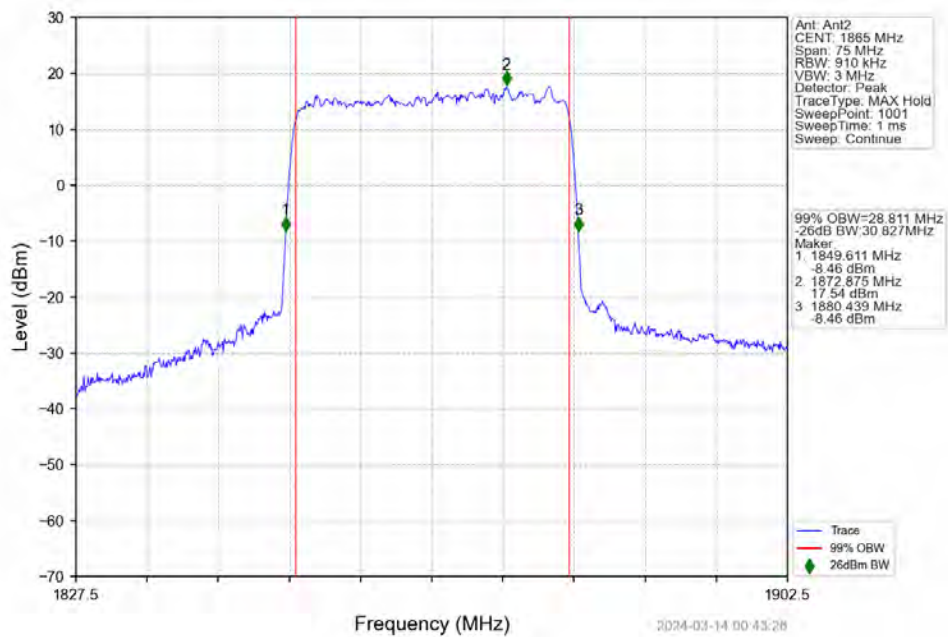
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 1882.5MHz Outer Full



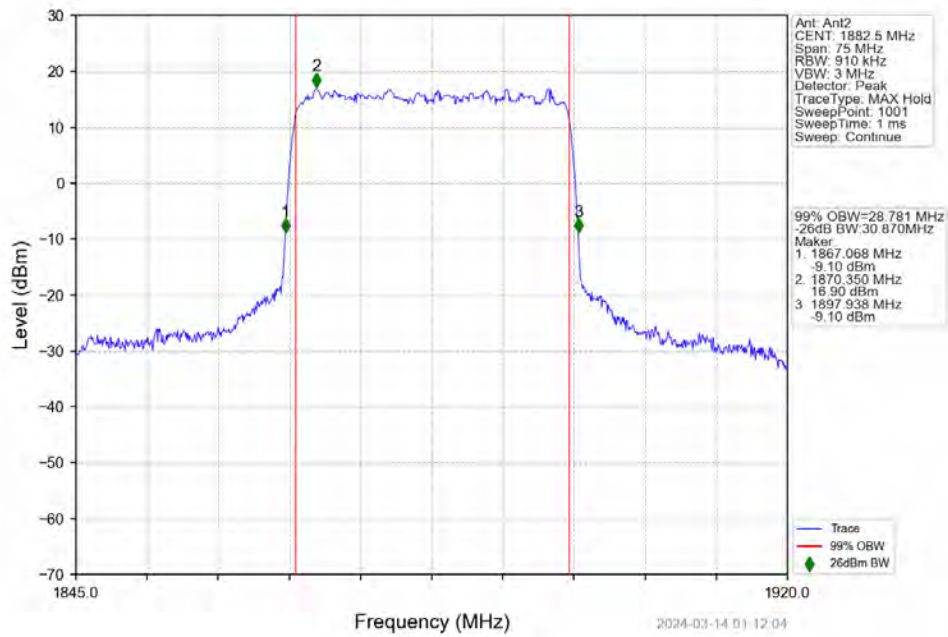
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 1900MHz Outer Full



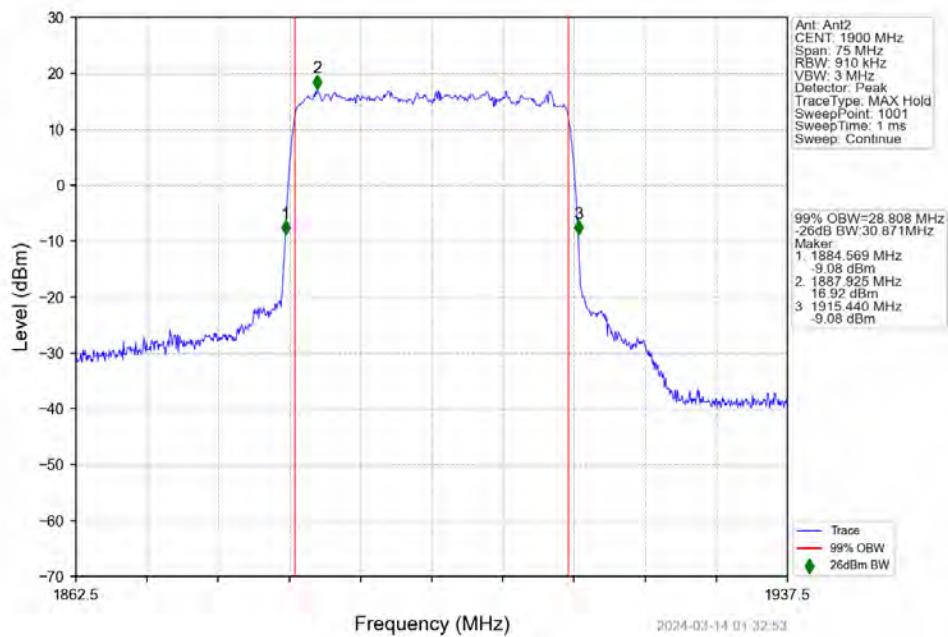
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 1865MHz Outer Full



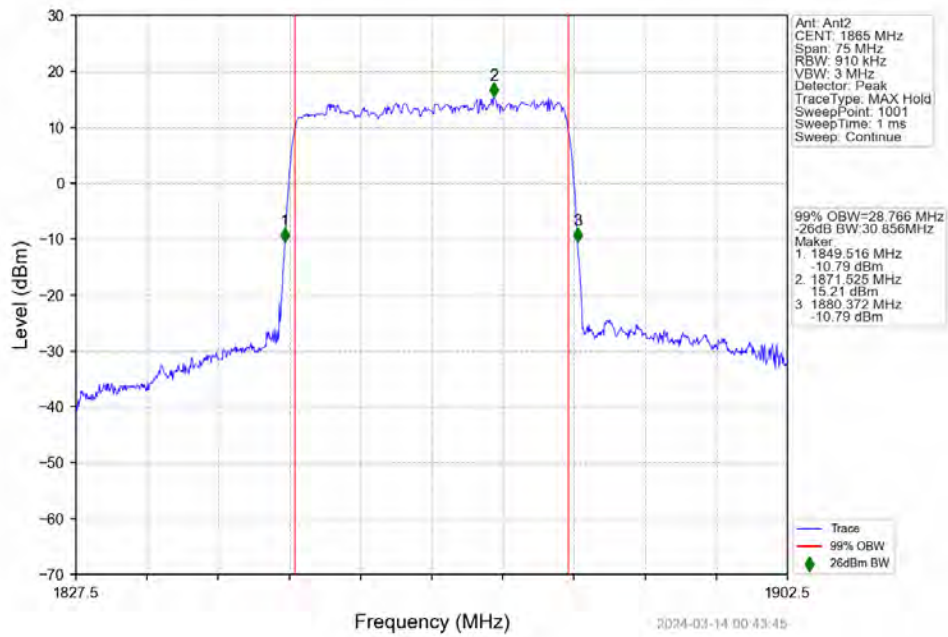
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 1882.5MHz Outer Full



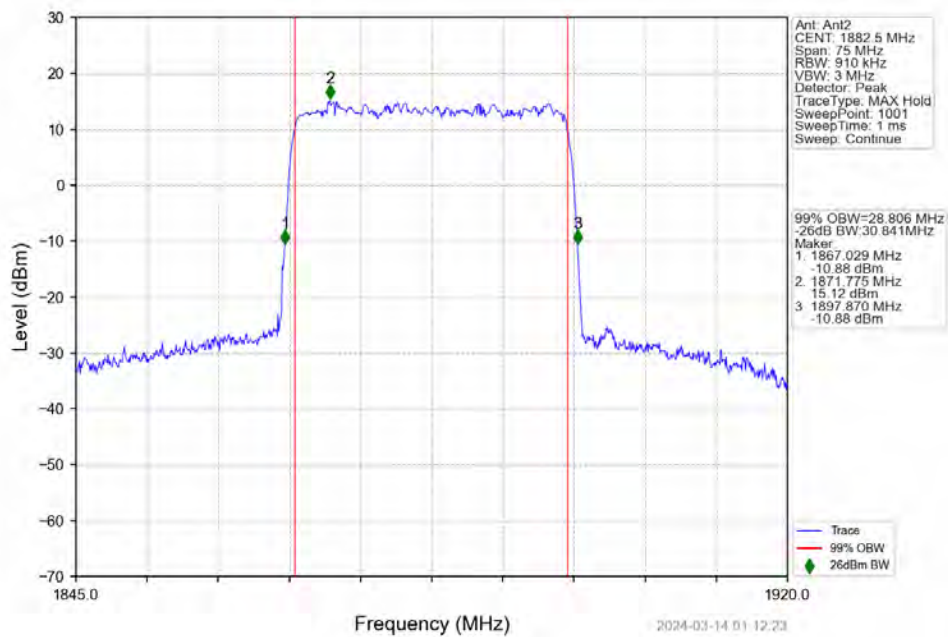
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 1900MHz Outer Full



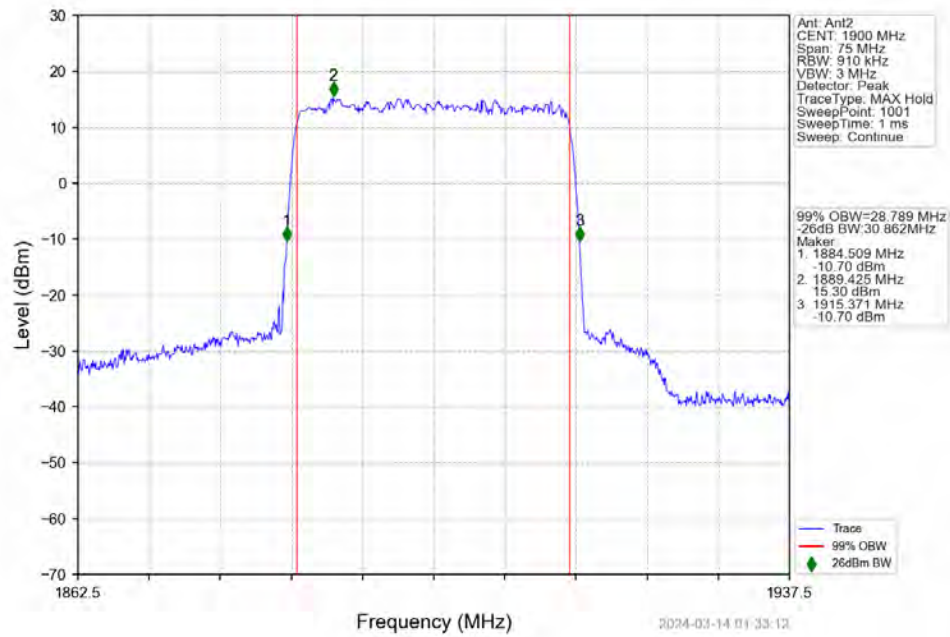
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 1865MHz Outer Full



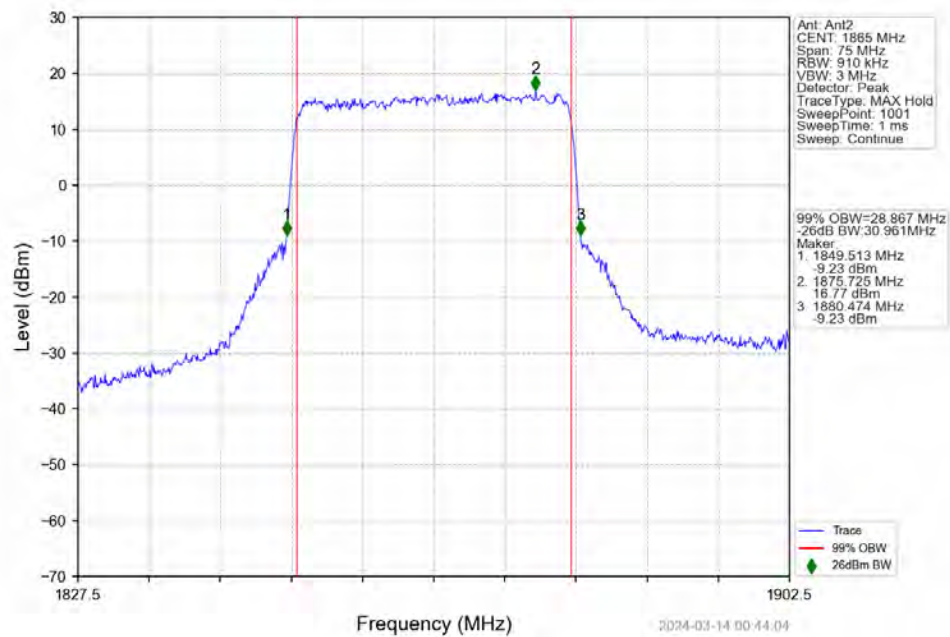
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 1882.5MHz Outer Full



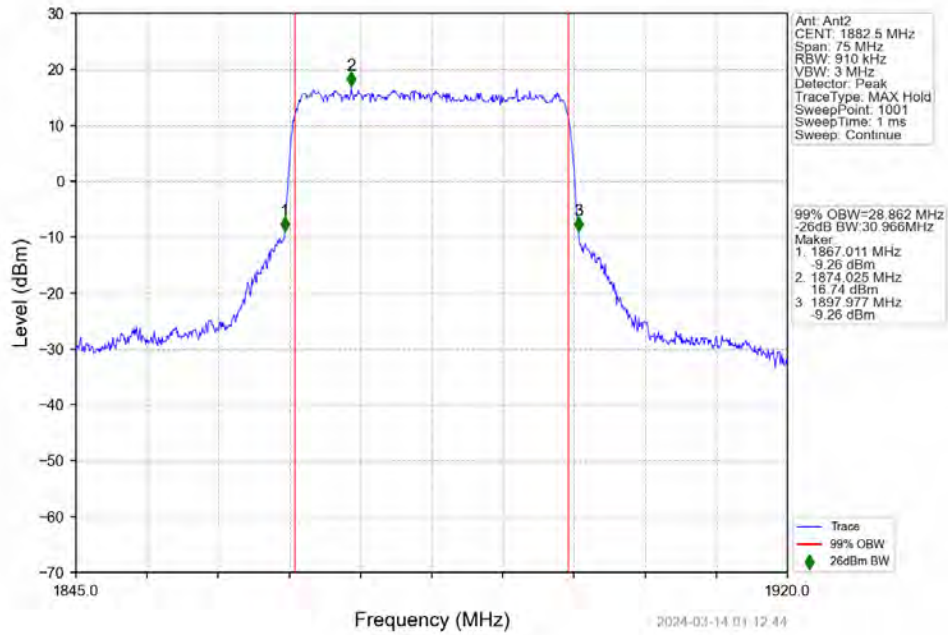
n25_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_1900MHz_Outer_Full



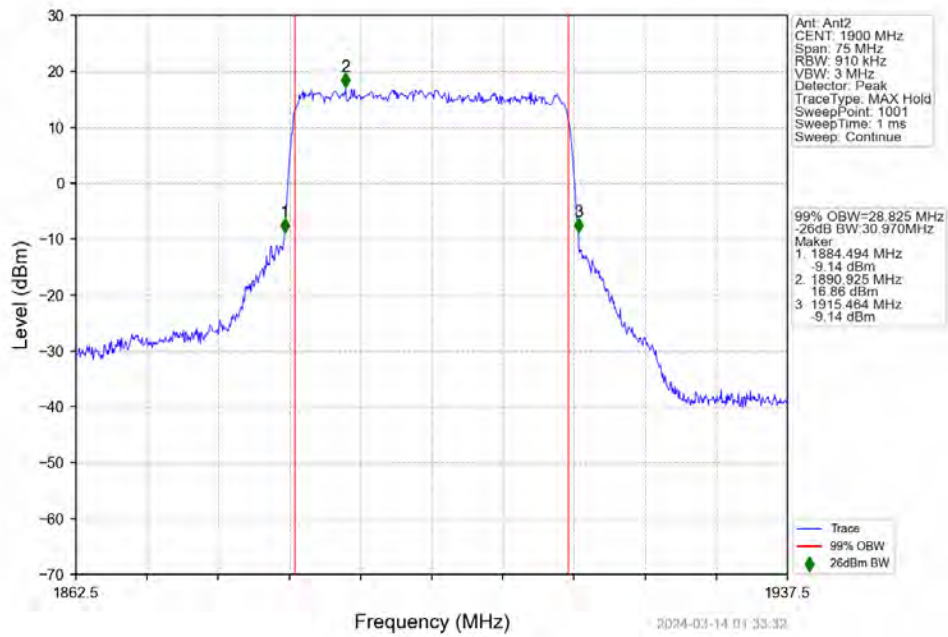
n25_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_1865MHz_Outer_Full



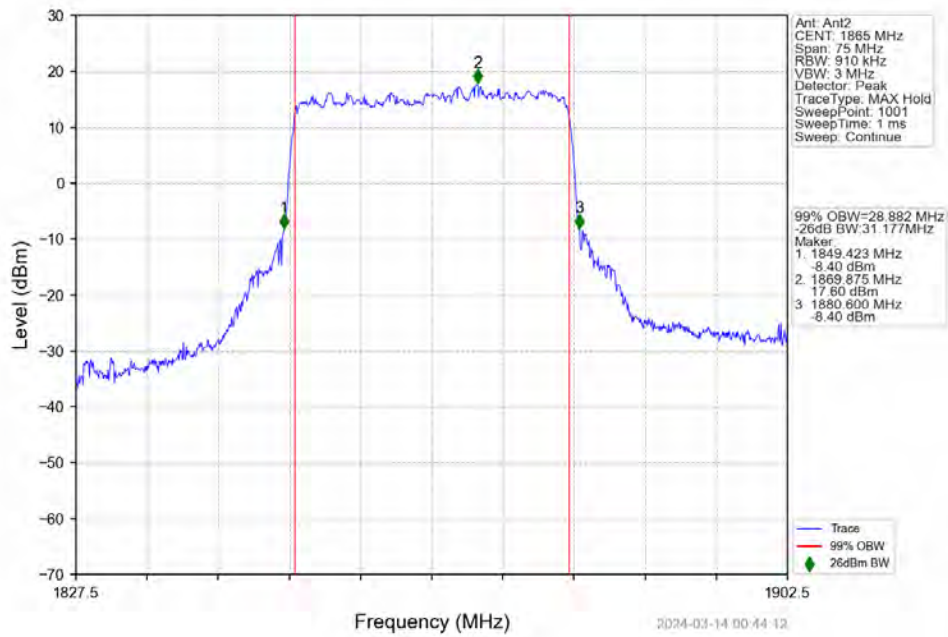
n25_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_1882.5MHz_Outer_Full



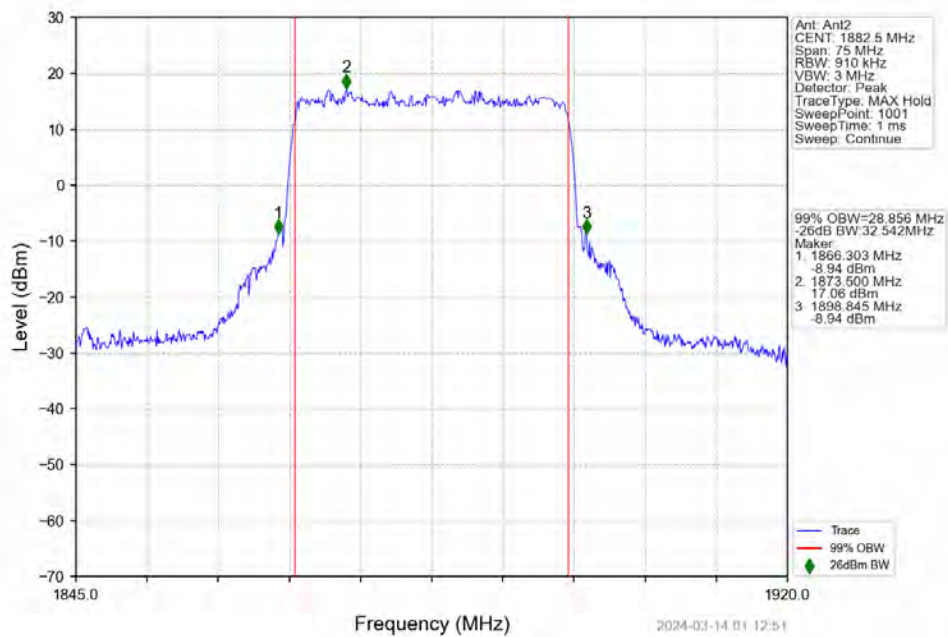
n25_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_1900MHz_Outer_Full



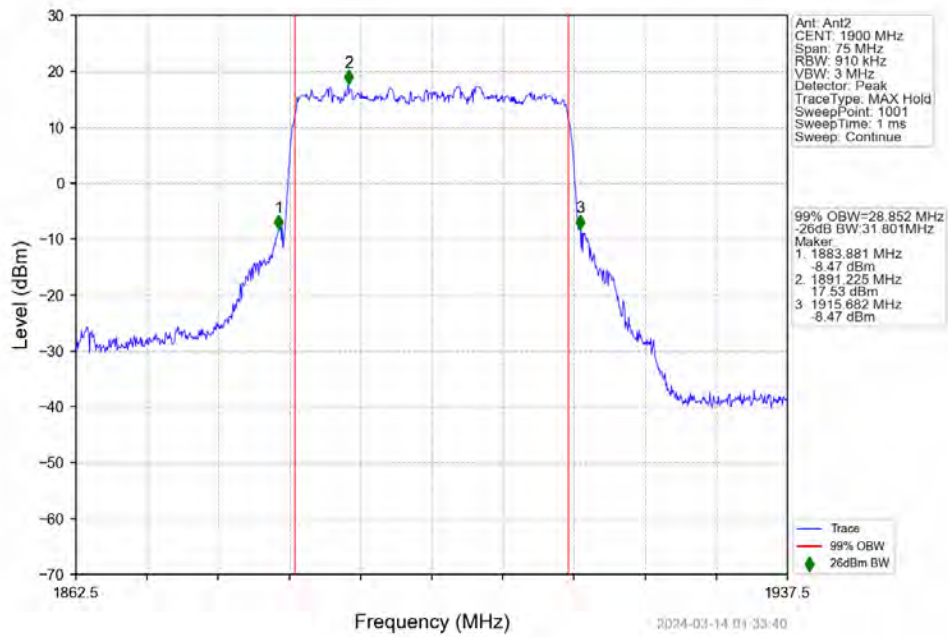
n25 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 1865MHz Outer Full



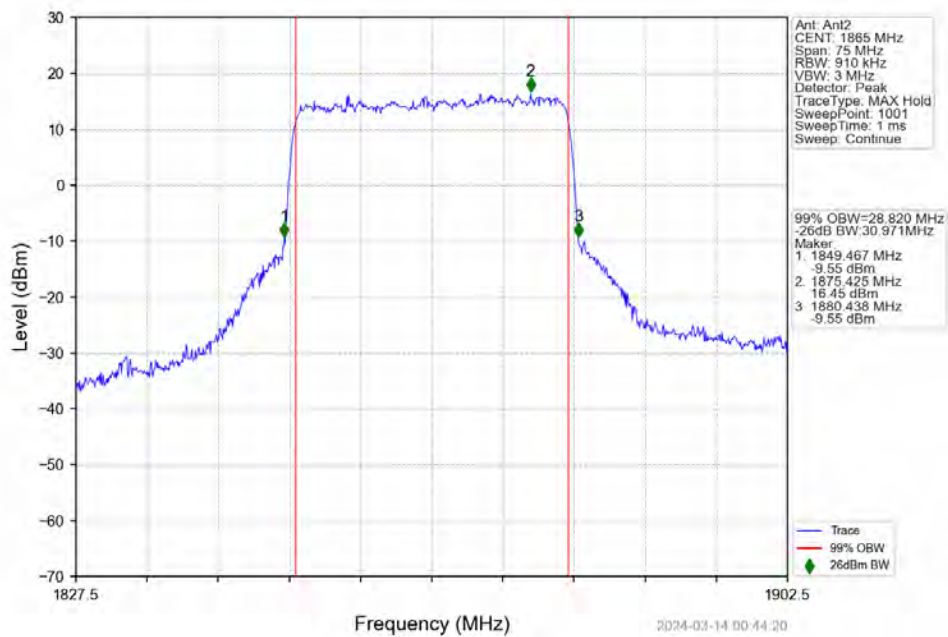
n25 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 1882.5MHz Outer Full



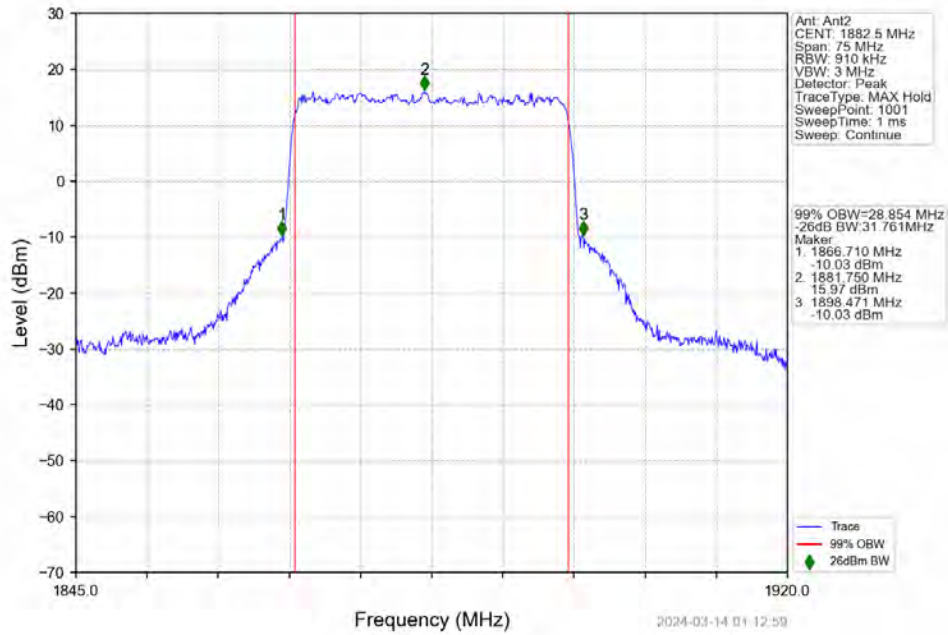
n25_15kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_1900MHz_Outer_Full



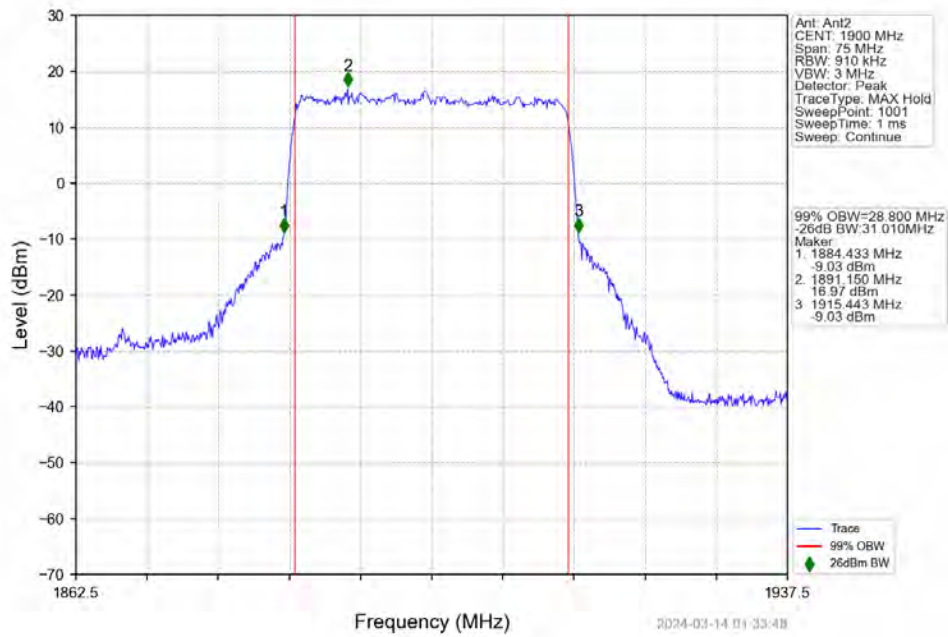
n25_15kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_1865MHz_Outer_Full



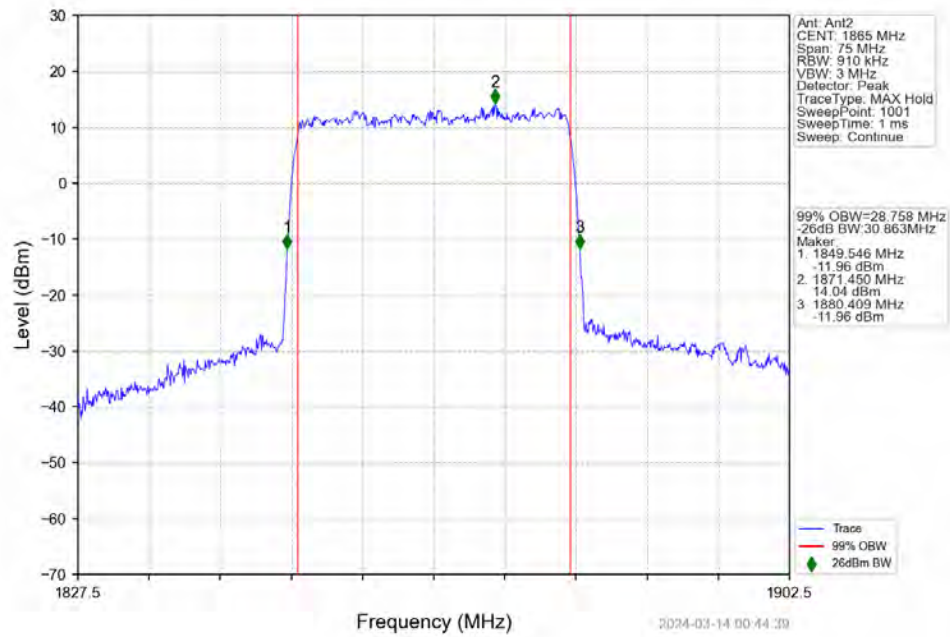
n25 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 1882.5MHz Outer Full



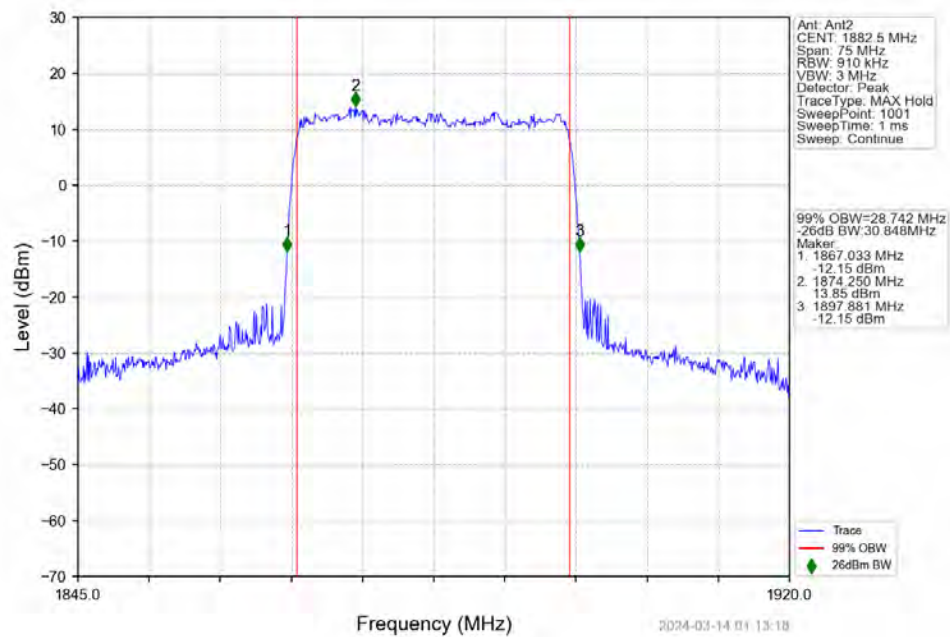
n25 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 1900MHz Outer Full

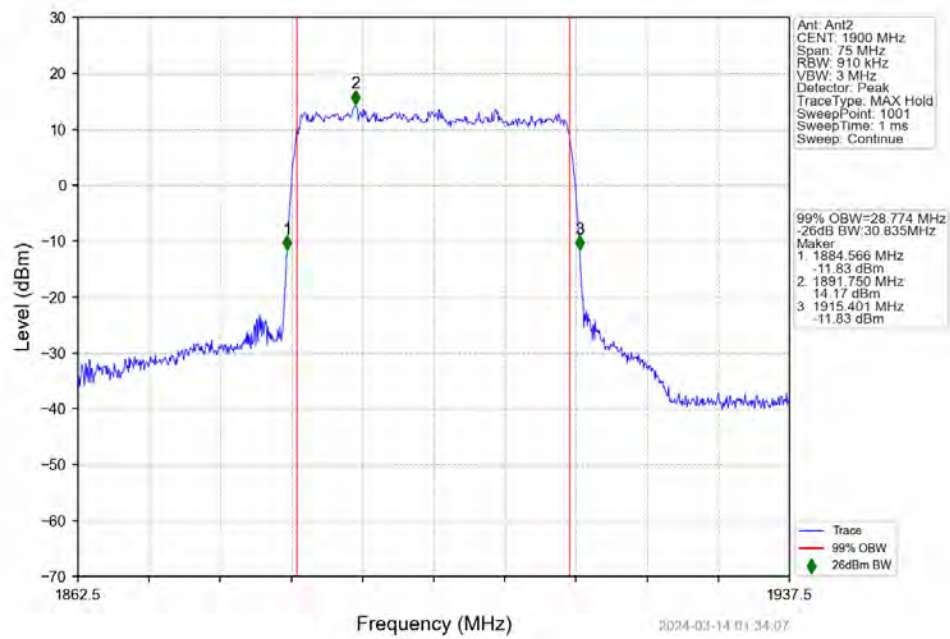


n25 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 1865MHz Outer Full



n25 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 1882.5MHz Outer Full





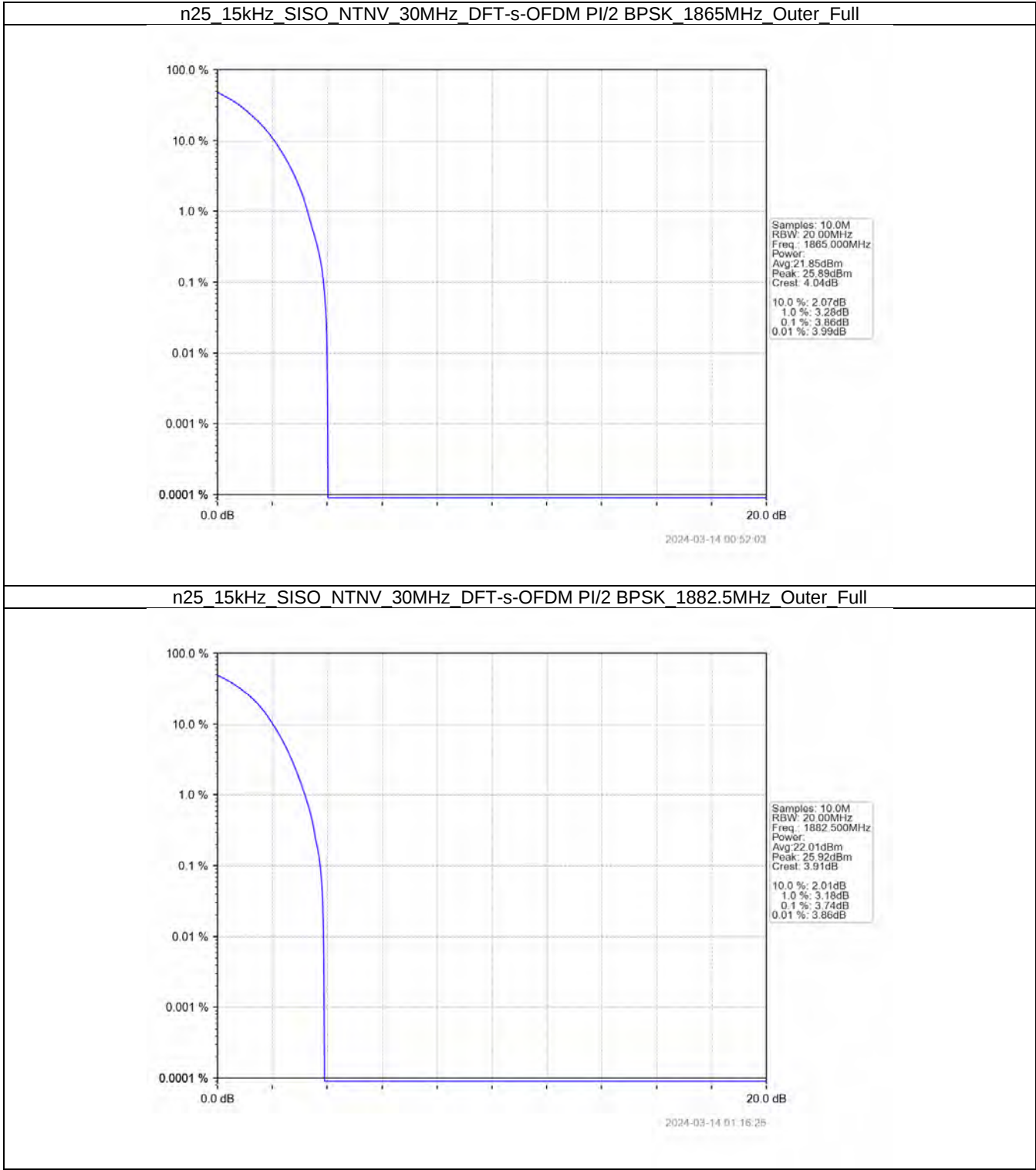
4. Peak-Average Ratio

4.1 15k_SISO_30MHz_NTNV

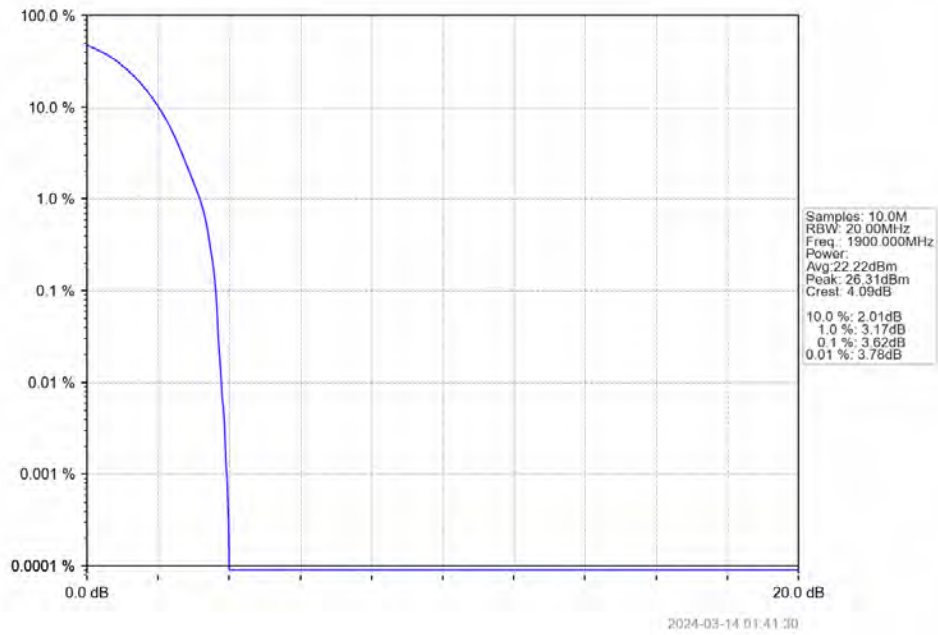
4.1.1 Test Result

5G NR n25 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1865	Outer_Full	3.86	/	/	<=13	Pass
	1882.5	Outer_Full	3.74	/	/	<=13	Pass
	1900	Outer_Full	3.62	/	/	<=13	Pass
DFT-s-OFDM QPSK	1865	Outer_Full	4.91	/	/	<=13	Pass
	1882.5	Outer_Full	5.00	/	/	<=13	Pass
	1900	Outer_Full	4.96	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1865	Outer_Full	6.04	/	/	<=13	Pass
	1882.5	Outer_Full	6.09	/	/	<=13	Pass
	1900	Outer_Full	6.11	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1865	Outer_Full	6.32	/	/	<=13	Pass
	1882.5	Outer_Full	6.36	/	/	<=13	Pass
	1900	Outer_Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1865	Outer_Full	6.51	/	/	<=13	Pass
	1882.5	Outer_Full	6.54	/	/	<=13	Pass
	1900	Outer_Full	6.54	/	/	<=13	Pass
CP-OFDM QPSK	1865	Outer_Full	7.69	/	/	<=13	Pass
	1882.5	Outer_Full	7.83	/	/	<=13	Pass
	1900	Outer_Full	7.56	/	/	<=13	Pass
CP-OFDM 16 QAM	1865	Outer_Full	7.69	/	/	<=13	Pass
	1882.5	Outer_Full	7.84	/	/	<=13	Pass
	1900	Outer_Full	7.60	/	/	<=13	Pass
CP-OFDM 64 QAM	1865	Outer_Full	7.98	/	/	<=13	Pass
	1882.5	Outer_Full	8.09	/	/	<=13	Pass
	1900	Outer_Full	7.90	/	/	<=13	Pass
CP-OFDM 256 QAM	1865	Outer_Full	8.49	/	/	<=13	Pass
	1882.5	Outer_Full	8.48	/	/	<=13	Pass
	1900	Outer_Full	8.52	/	/	<=13	Pass

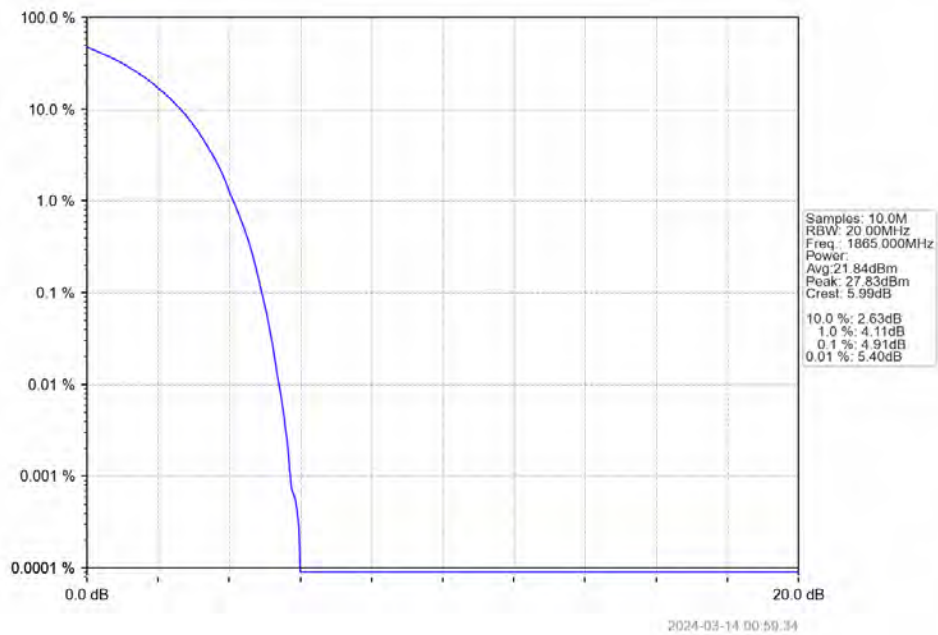
4.1.2 Test Graph



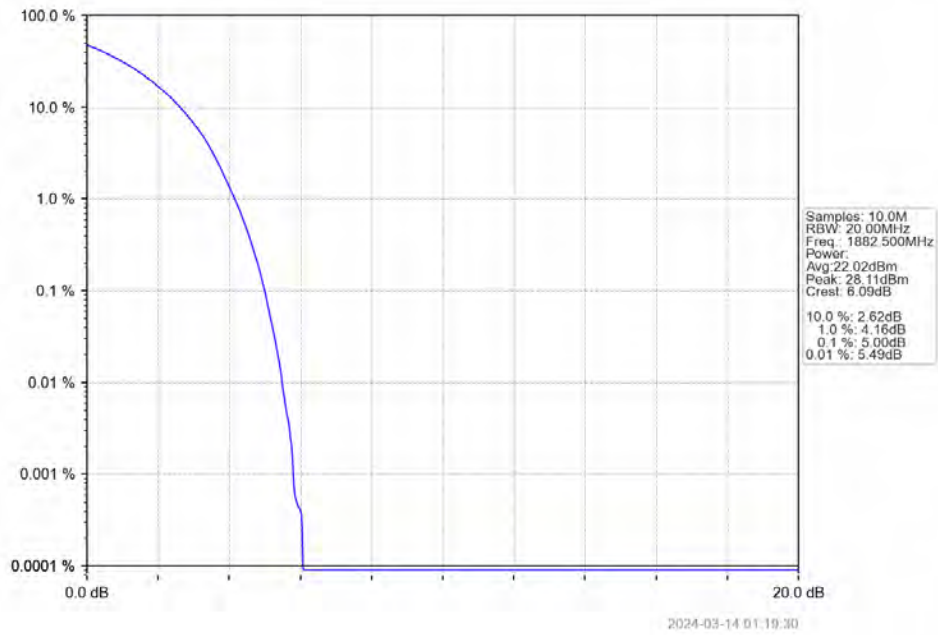
n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1900MHz Outer Full



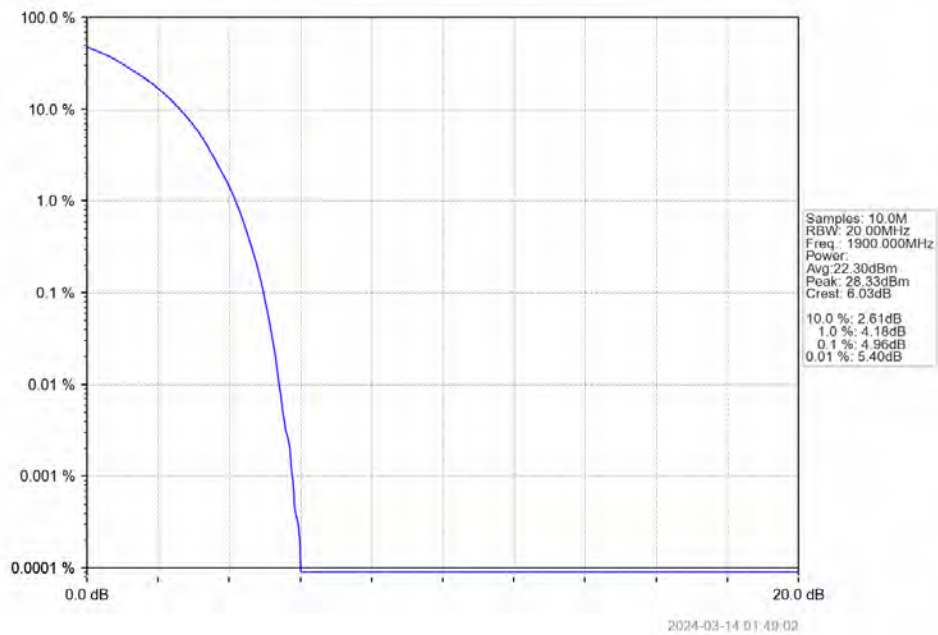
n25 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 1865MHz Outer Full



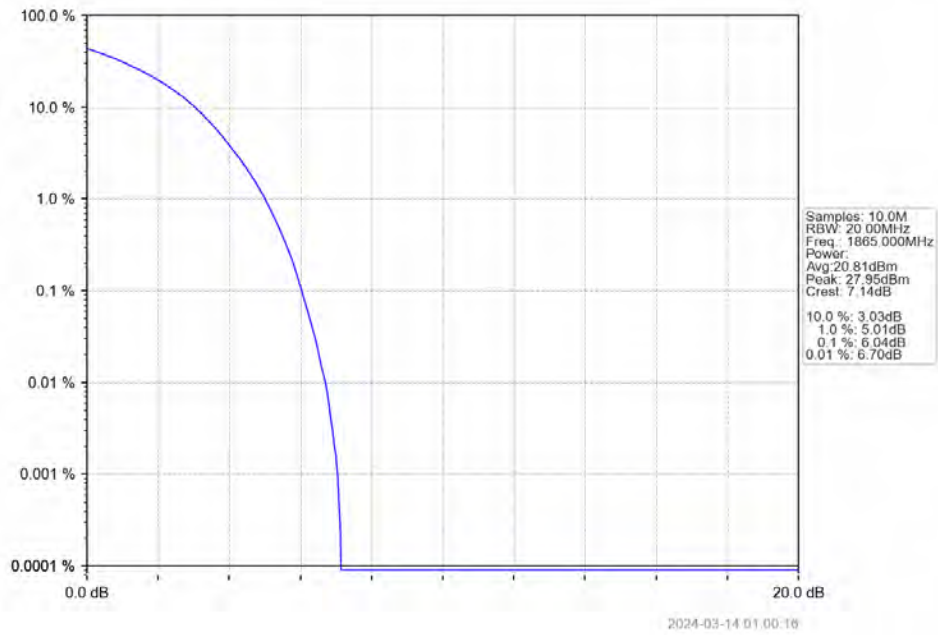
n25 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 1882.5MHz Outer Full



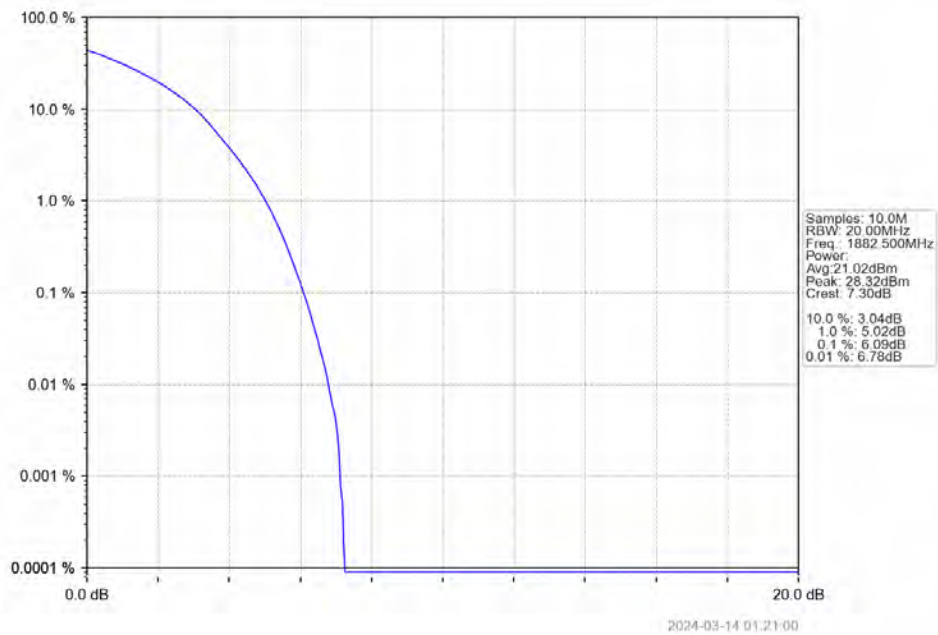
n25 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 1900MHz Outer Full



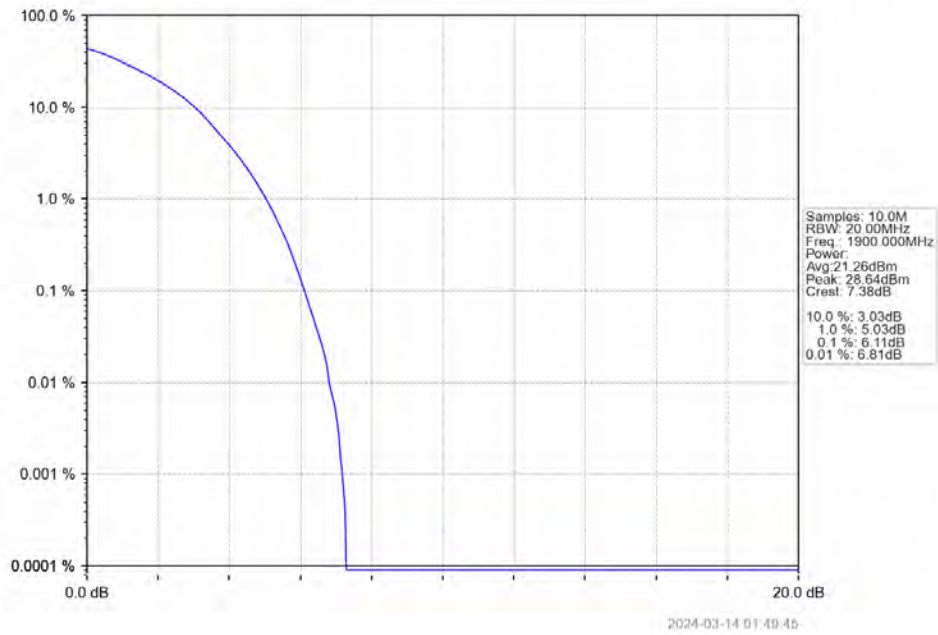
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 1865MHz Outer Full



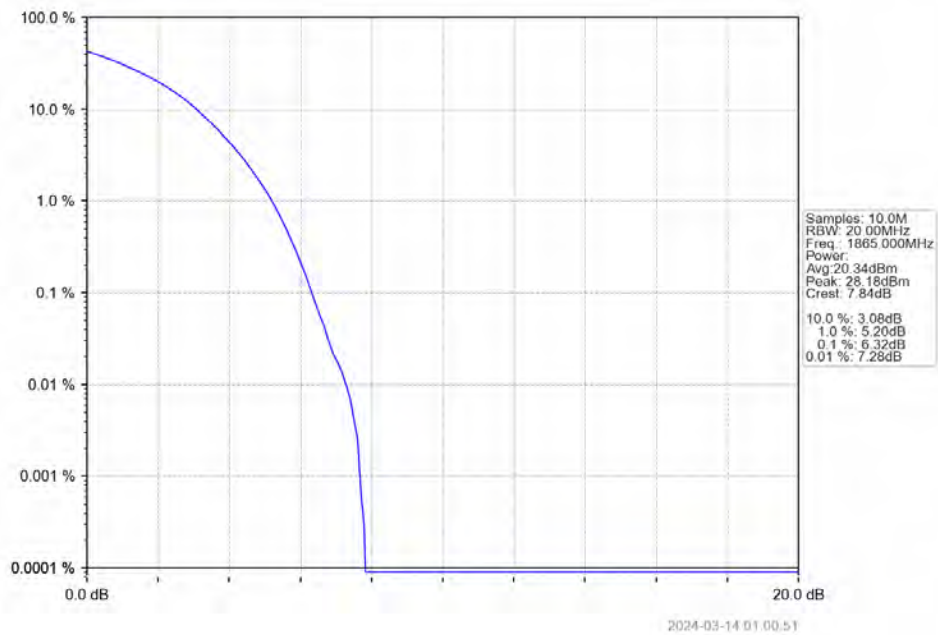
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 1882.5MHz Outer Full



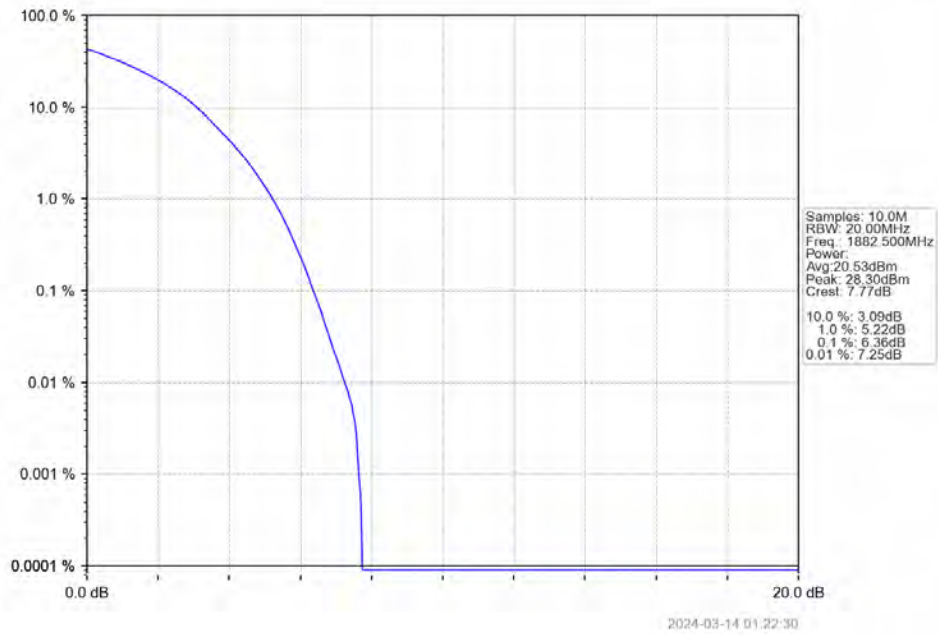
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 1900MHz Outer Full



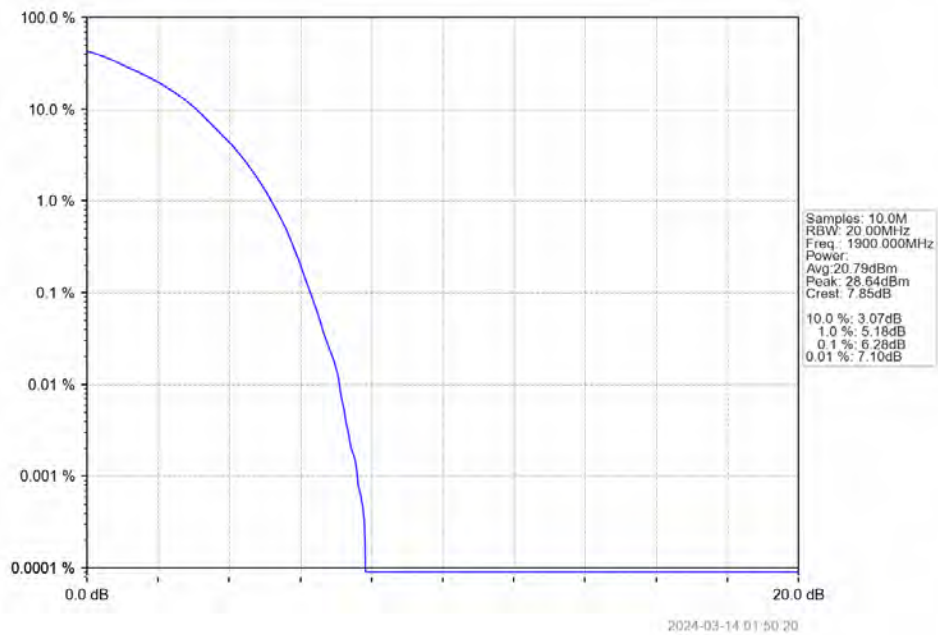
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 1865MHz Outer Full



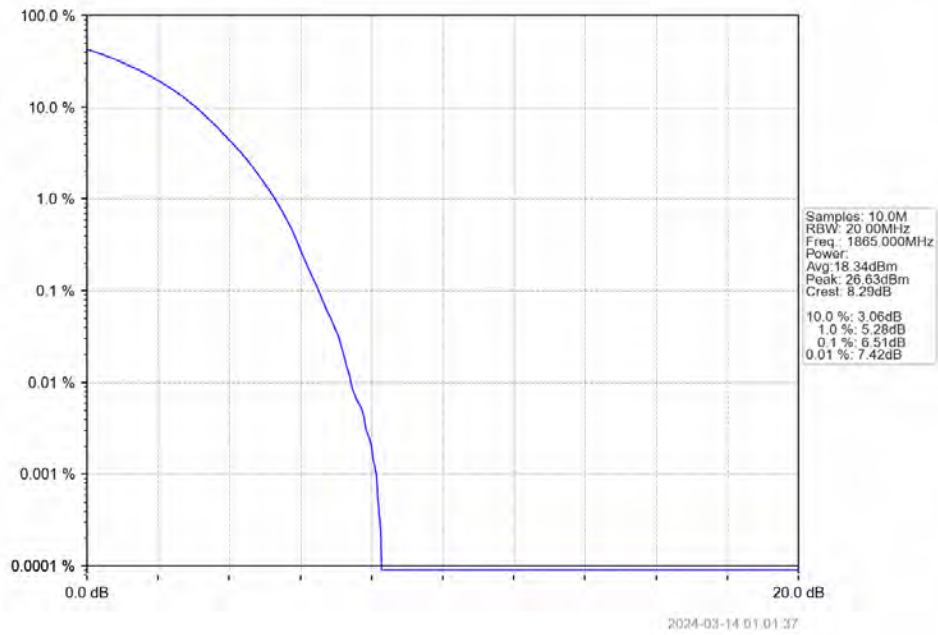
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 1882.5MHz Outer Full



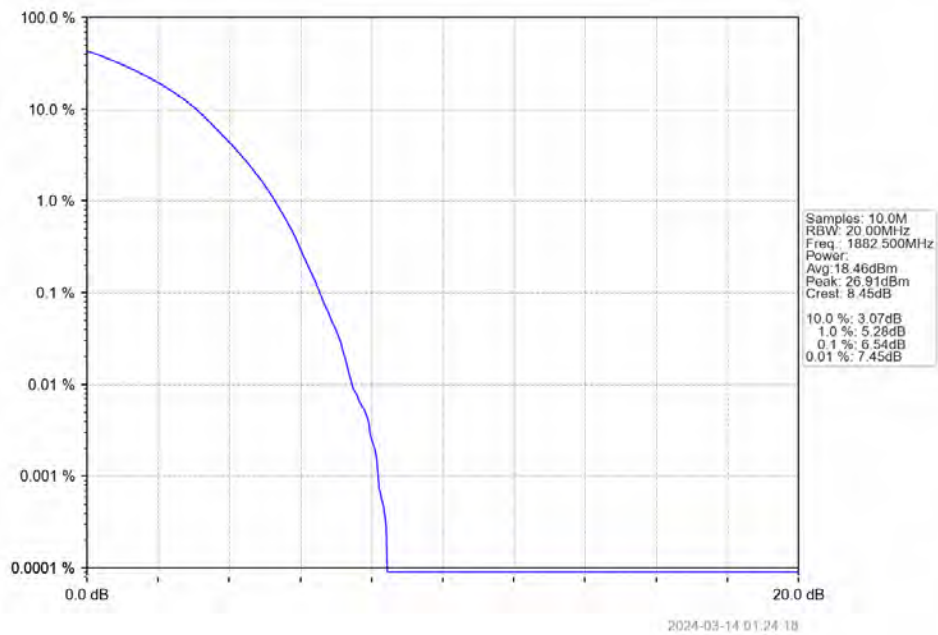
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 1900MHz Outer Full



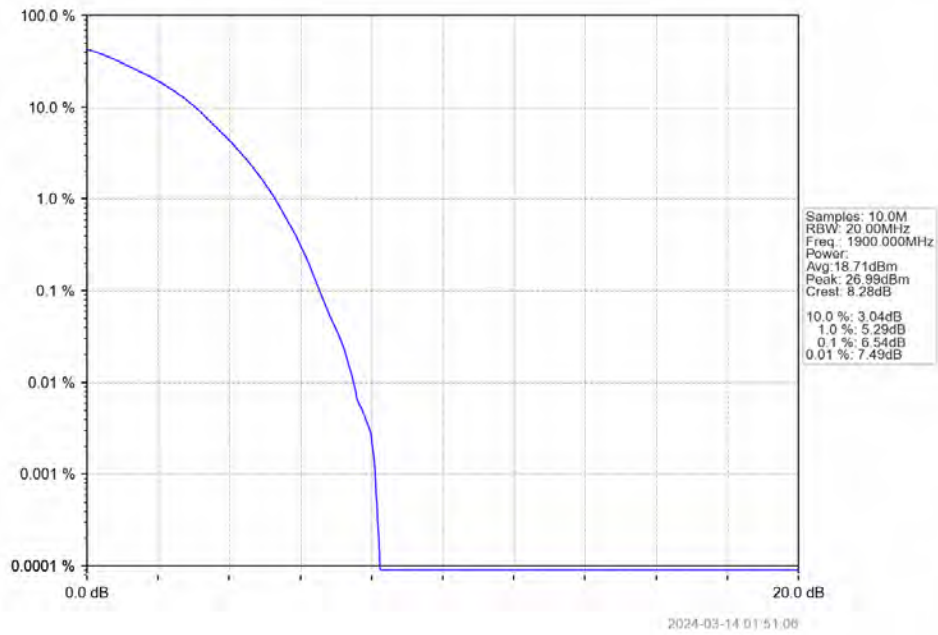
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 1865MHz Outer Full



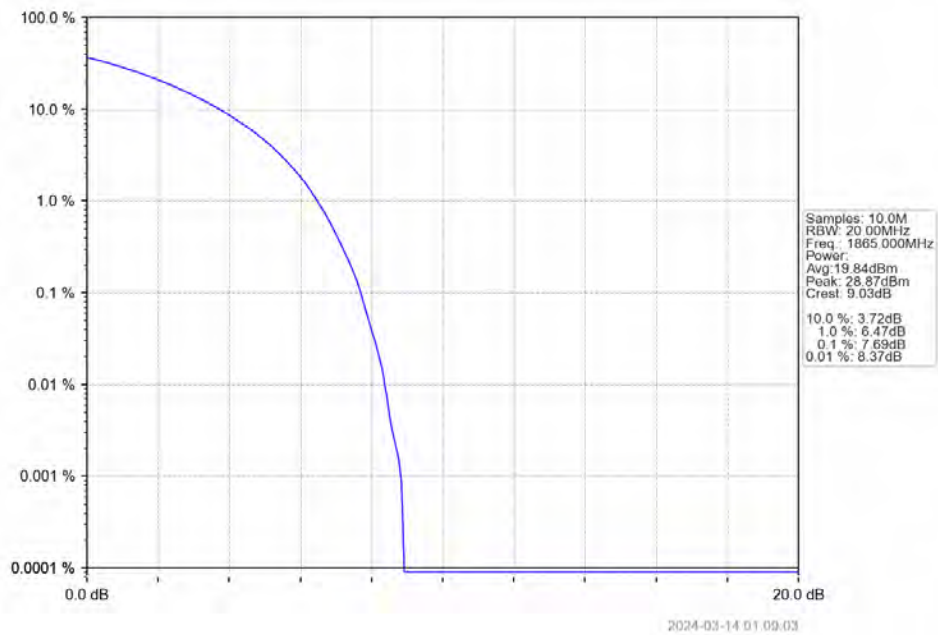
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 1882.5MHz Outer Full



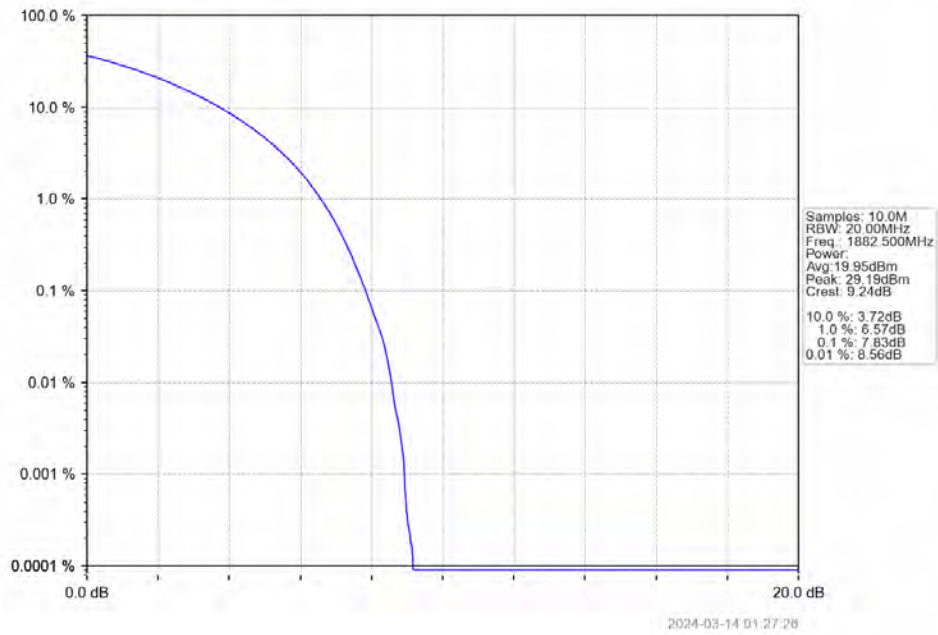
n25 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 1900MHz Outer Full



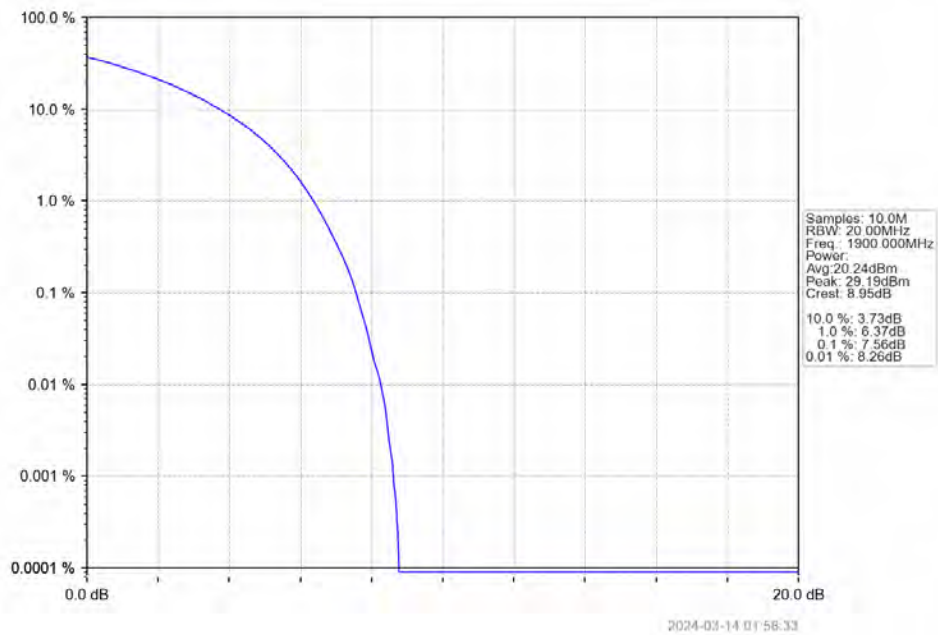
n25 15kHz SISO NTN 30MHz CP-OFDM QPSK 1865MHz Outer Full



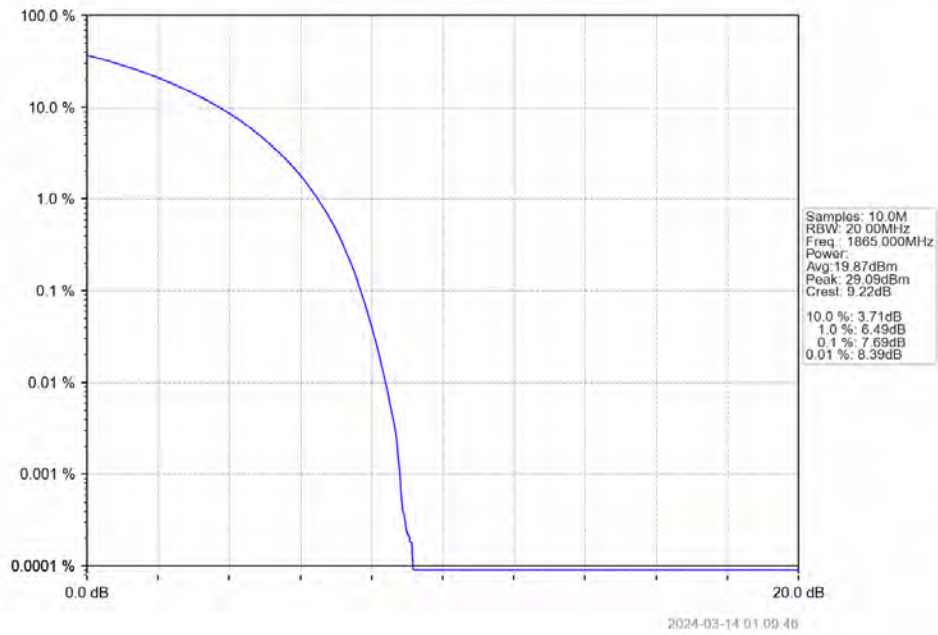
n25 15kHz SISO NTN 30MHz CP-OFDM QPSK 1882.5MHz Outer Full



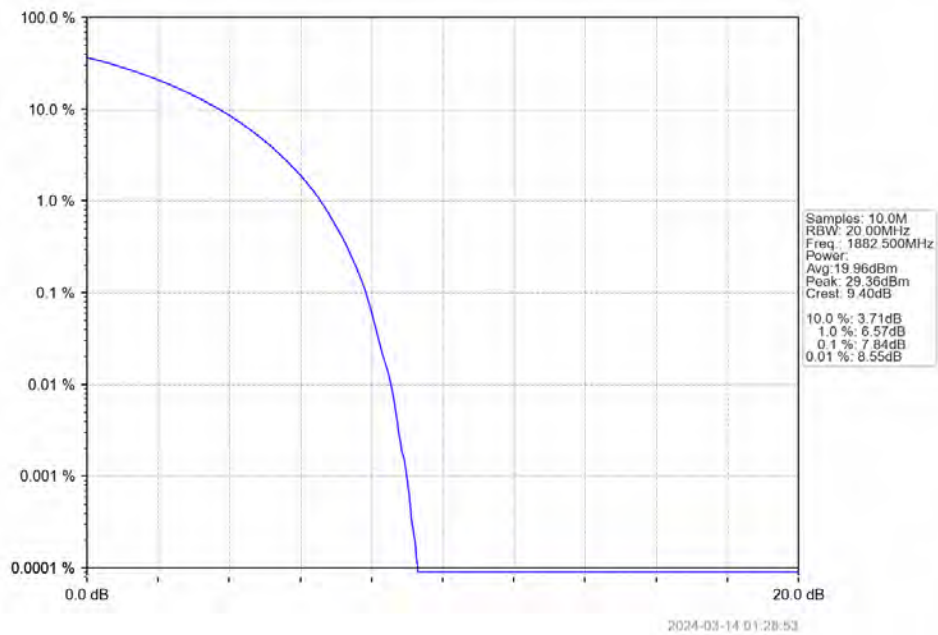
n25 15kHz SISO NTN 30MHz CP-OFDM QPSK 1900MHz Outer Full



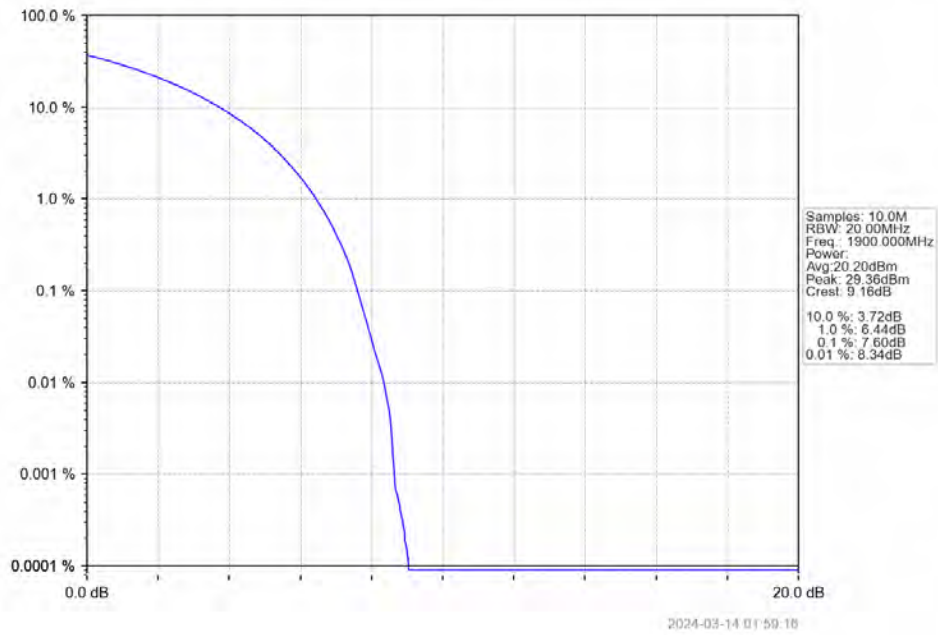
n25 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 1865MHz Outer Full



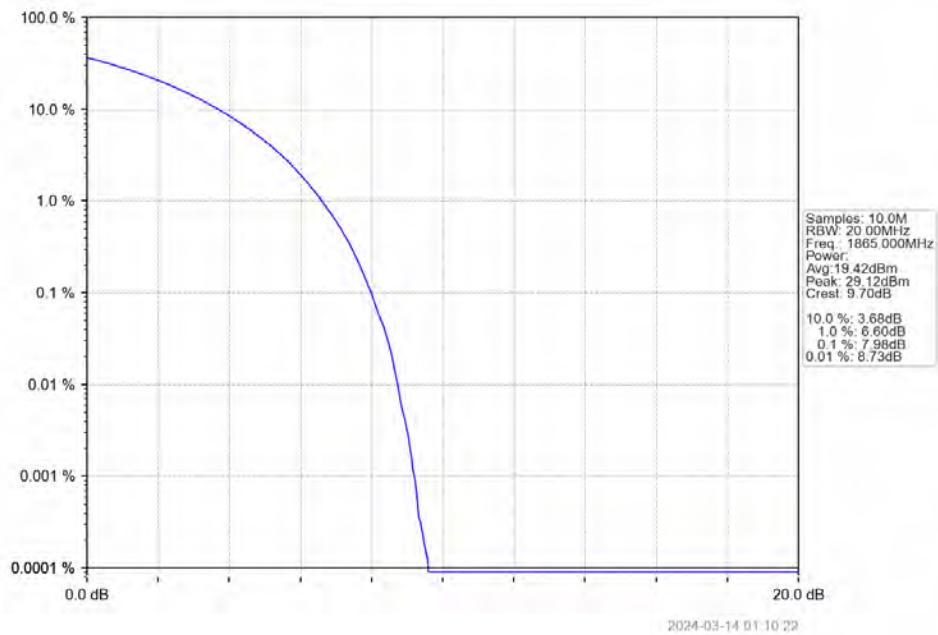
n25 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 1882.5MHz Outer Full



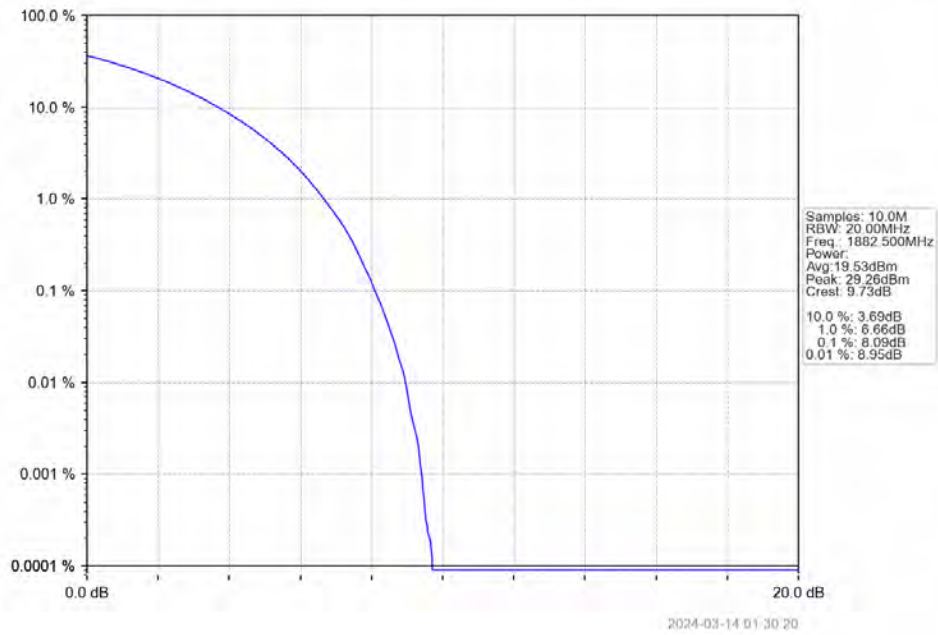
n25 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 1900MHz Outer Full



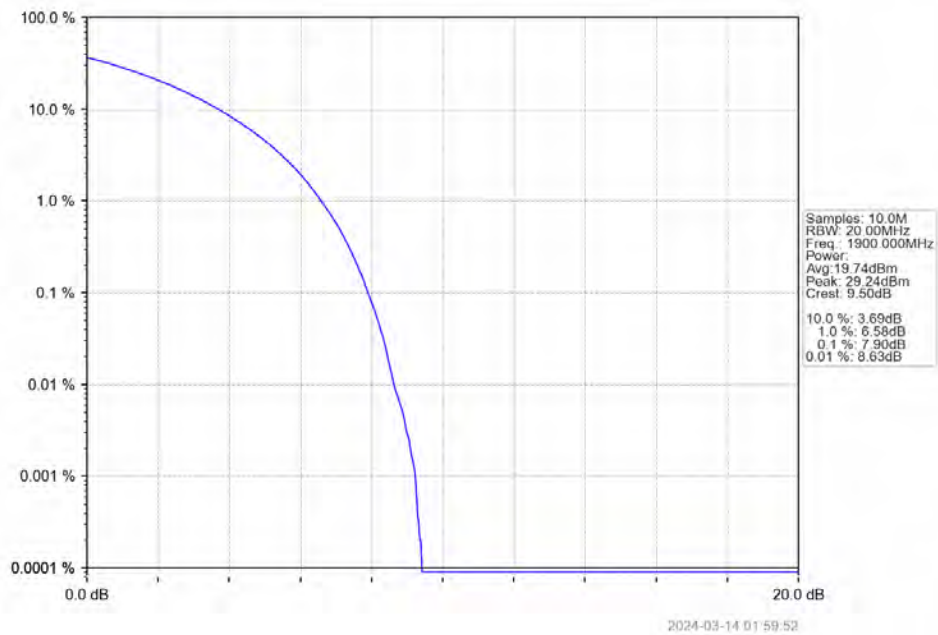
n25 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 1865MHz Outer Full



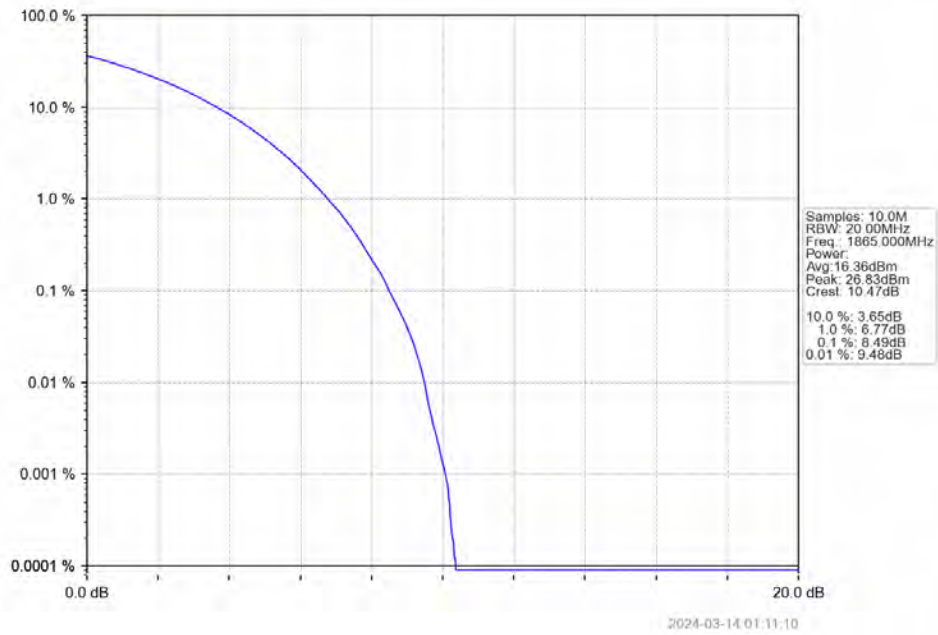
n25 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 1882.5MHz Outer Full



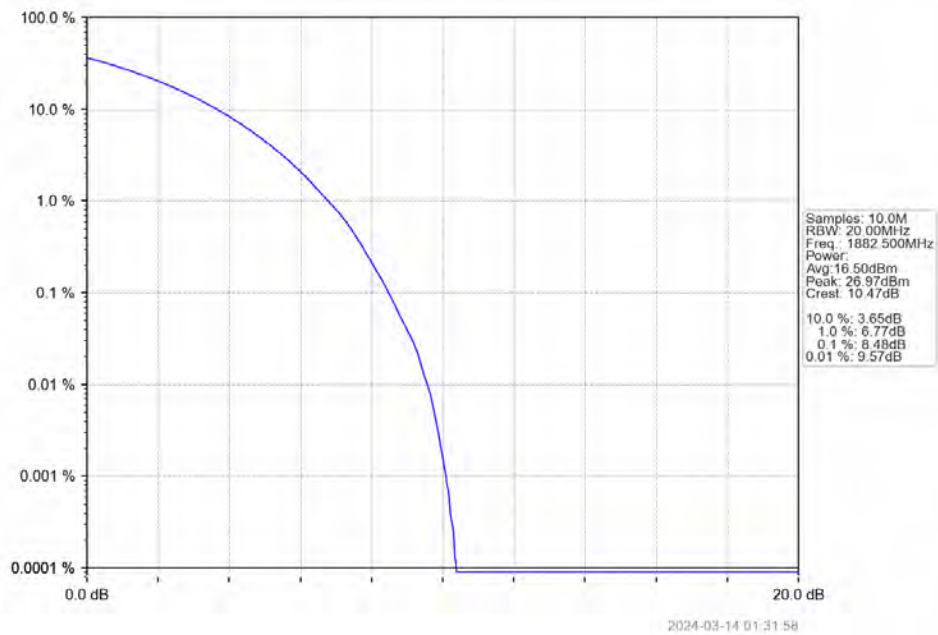
n25 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 1900MHz Outer Full

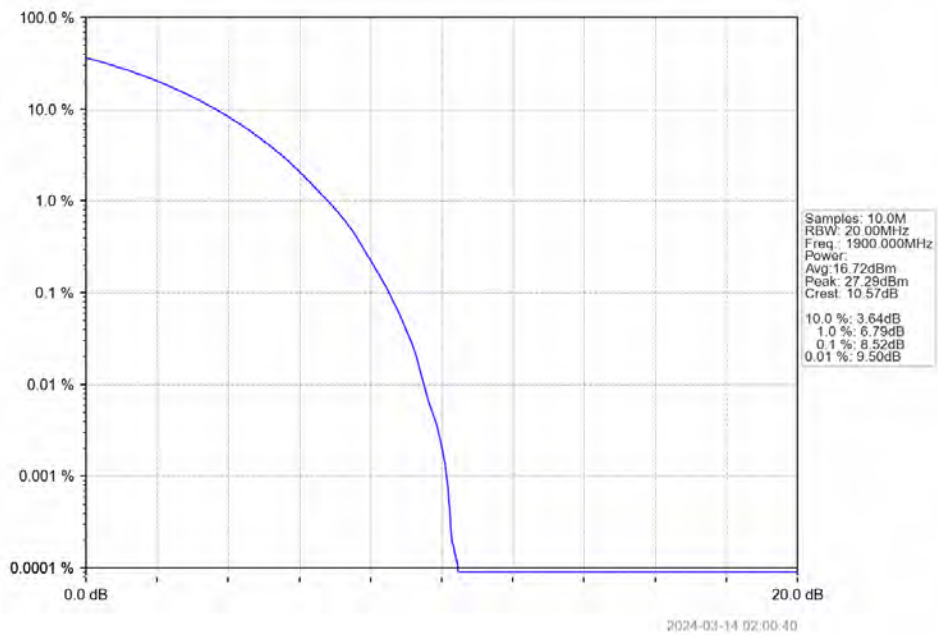


n25 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 1865MHz Outer Full



n25 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 1882.5MHz Outer Full





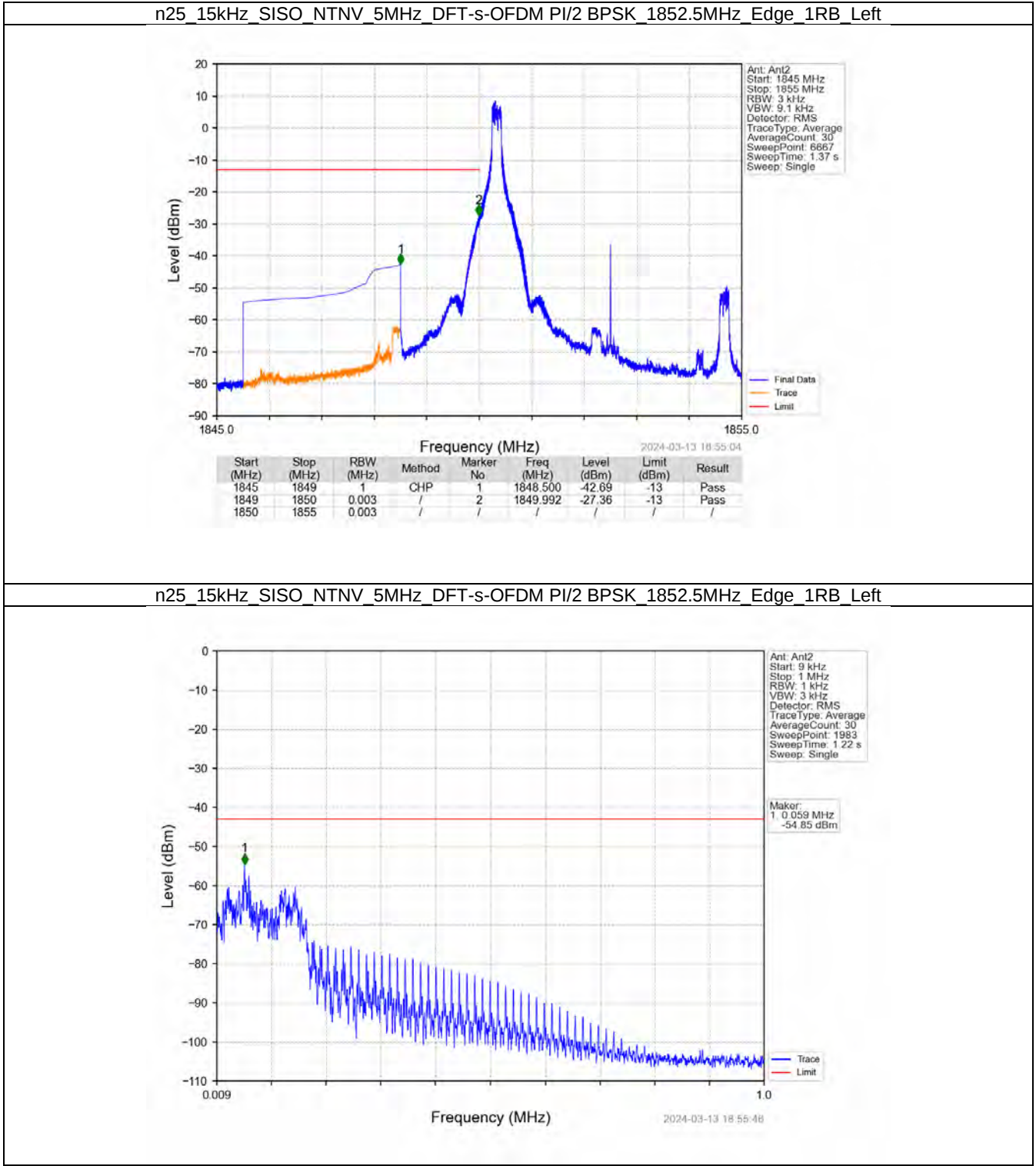
5. Spurious Emission

5.1 15k_SISO_5MHz_NTNV

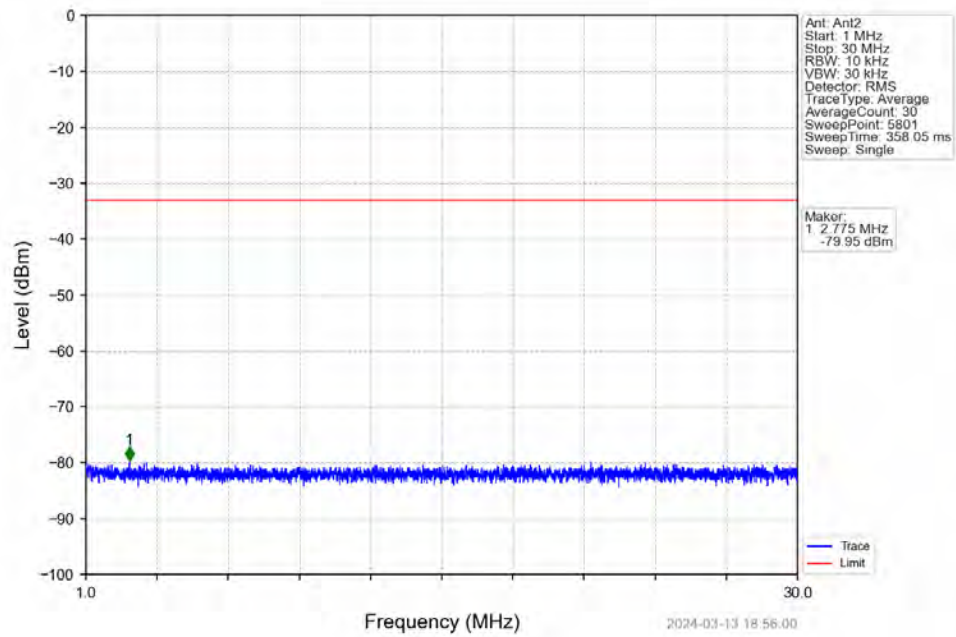
5.1.1 Test Result

5G NR n25 SCS=15kHz SISO 5MHz NTN									
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict		
			Ant2	Ant2*	Sum	Limit			
DFT-s-OFDM PI/2 BPSK	1852.5	Edge 1RB Left	Refer To Test Graph				Pass		
		Outer Full	Refer To Test Graph				Pass		
		Inner 1RB Left	Refer To Test Graph				Pass		
	1882.5	Edge 1RB Left	Refer To Test Graph				Pass		
		Edge 1RB Right	Refer To Test Graph				Pass		
		Outer Full	Refer To Test Graph				Pass		
		Inner 1RB Right	Refer To Test Graph				Pass		
		DFT-s-OFDM QPSK	1852.5	Edge 1RB Left	Refer To Test Graph				Pass
				Outer Full	Refer To Test Graph				Pass
Inner 1RB Left	Refer To Test Graph				Pass				
1882.5	Edge 1RB Left		Refer To Test Graph				Pass		
	Edge 1RB Right		Refer To Test Graph				Pass		
	Outer Full		Refer To Test Graph				Pass		
1912.5	Inner 1RB Right	Refer To Test Graph				Pass			

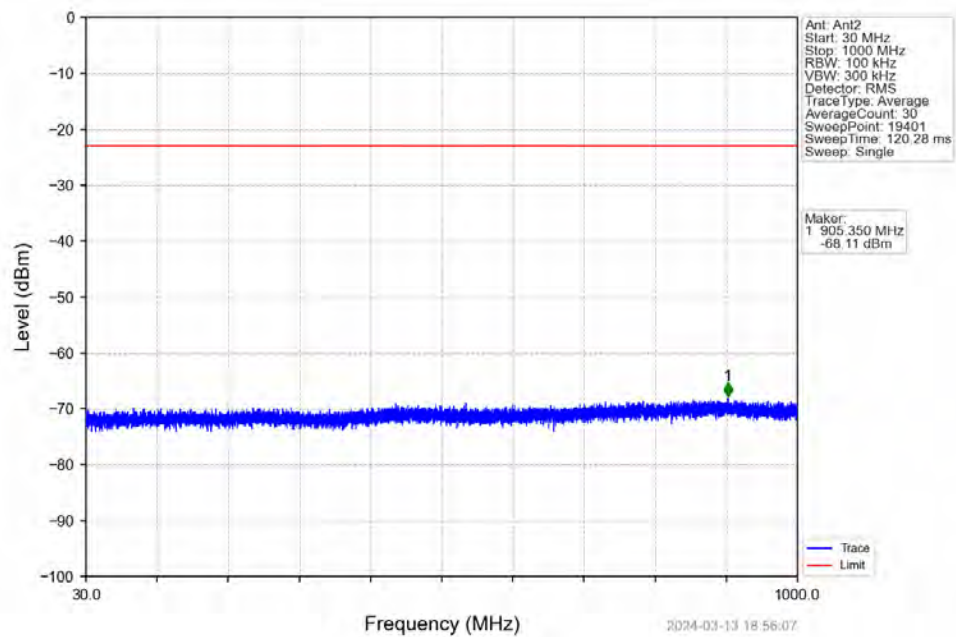
5.1.2 Test Graph



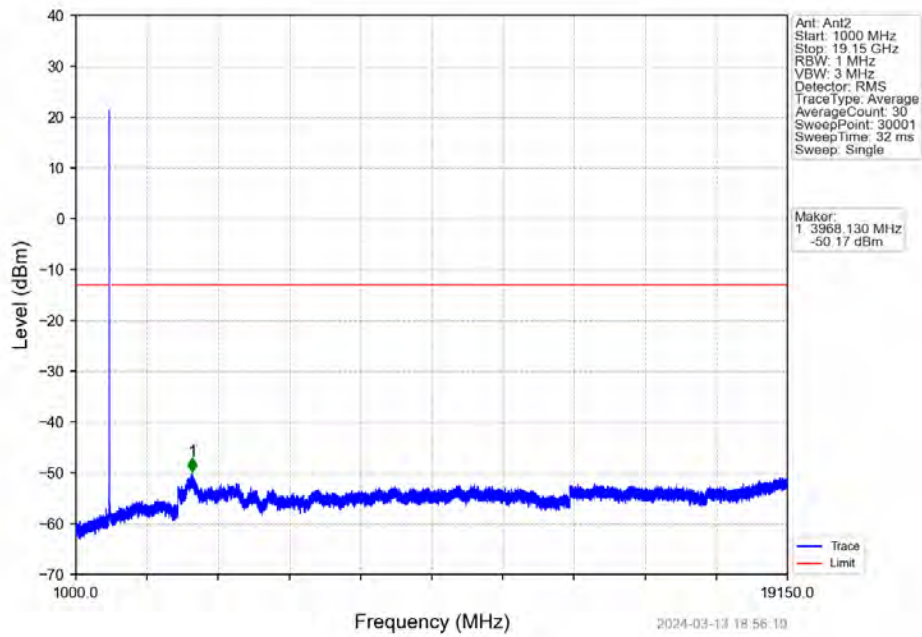
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1852.5MHz Edge 1RB Left



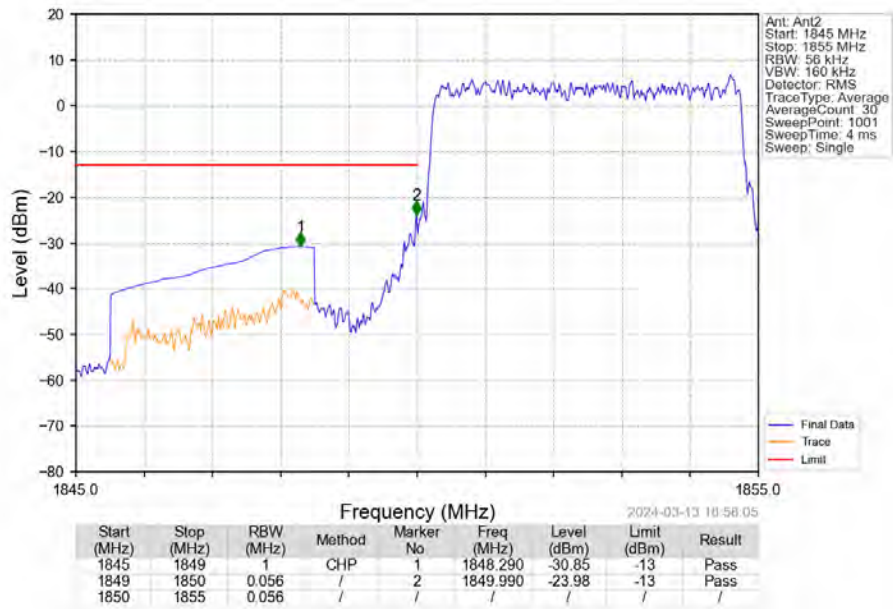
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1852.5MHz Edge 1RB Left



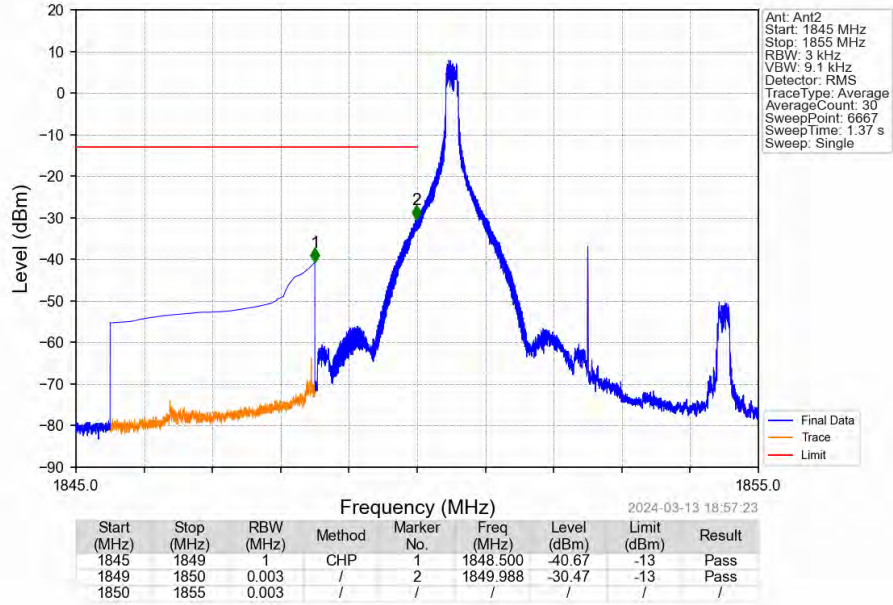
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1852.5MHz Edge 1RB Left



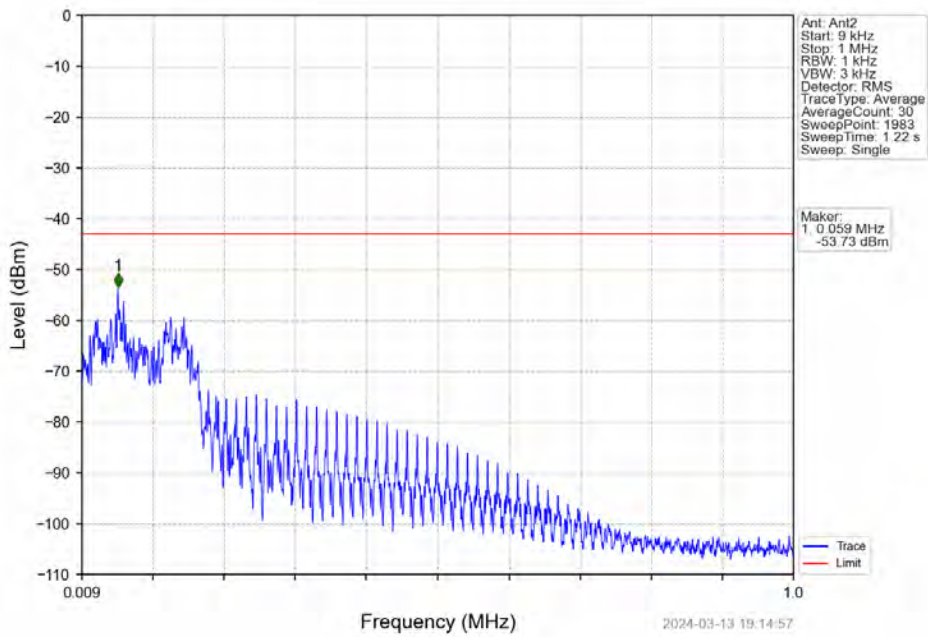
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1852.5MHz Outer Full



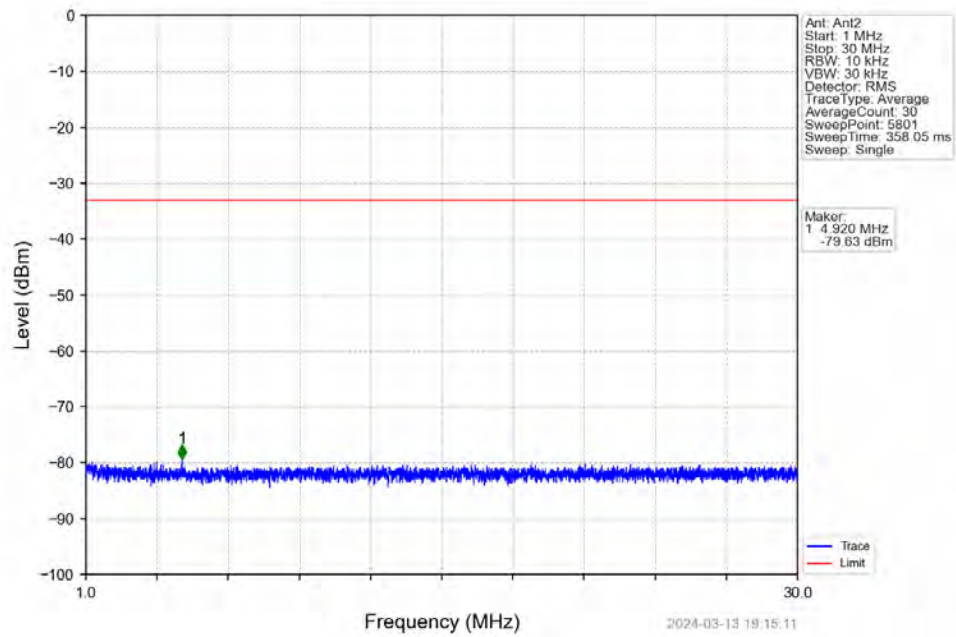
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1852.5MHz Inner 1RB Left



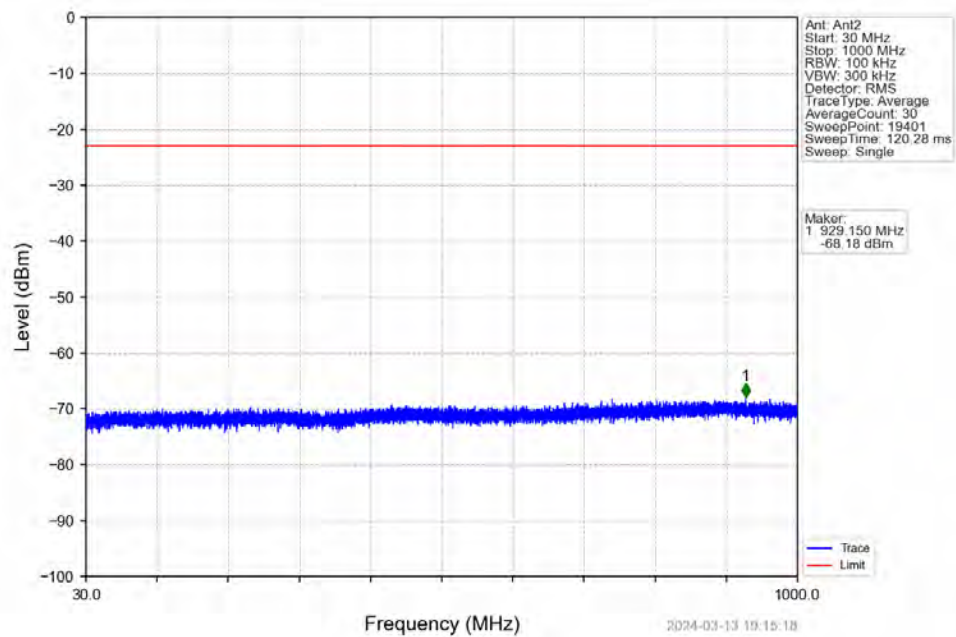
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



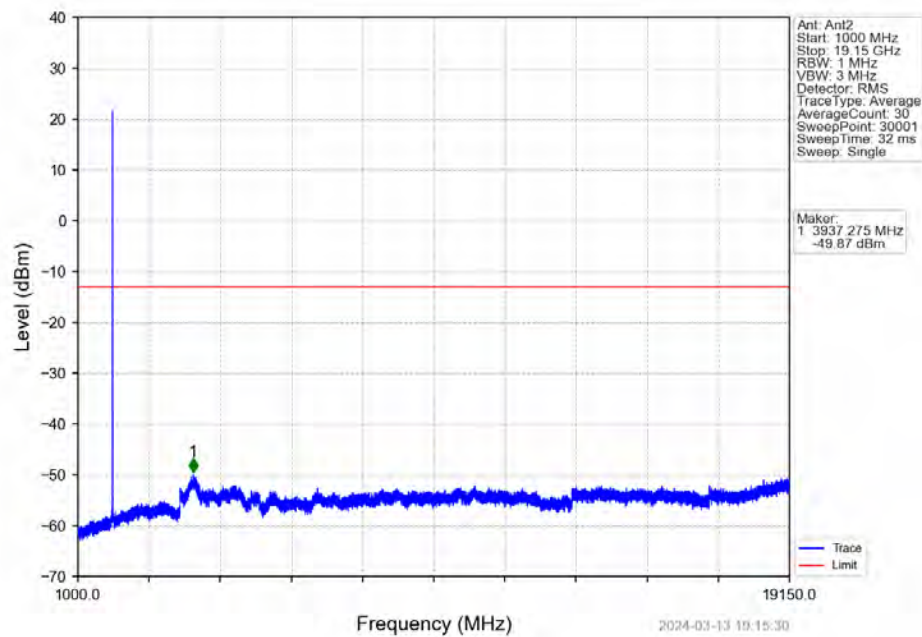
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



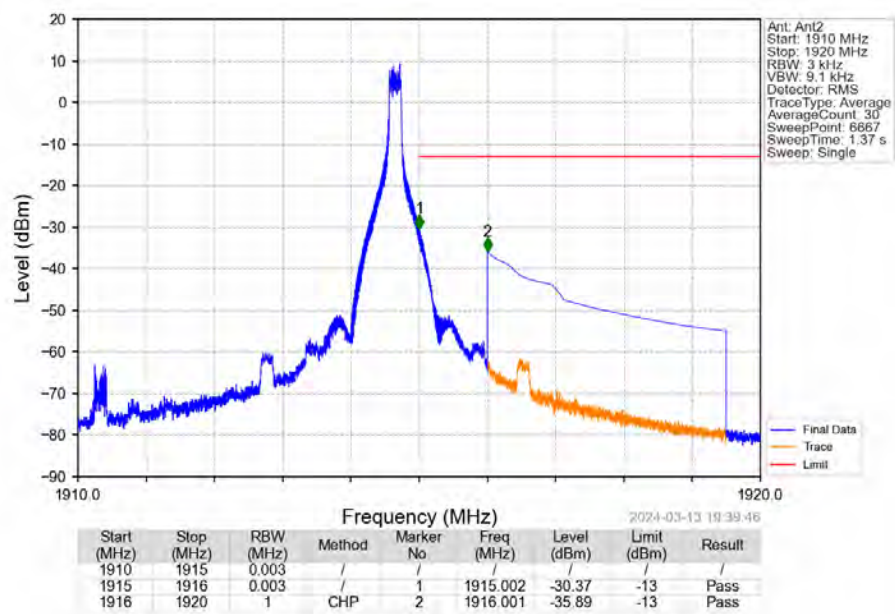
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



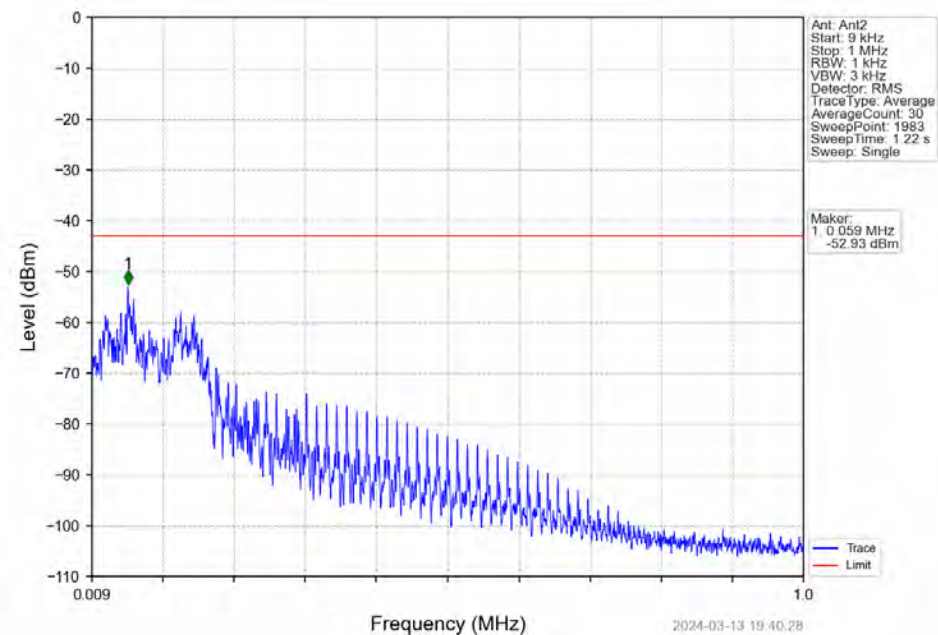
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



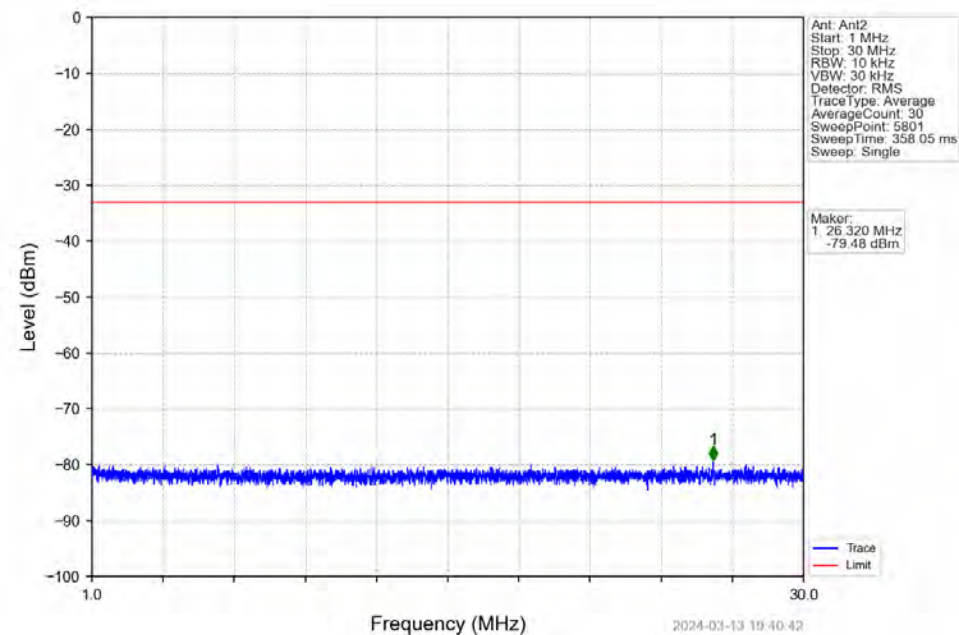
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Edge 1RB Right



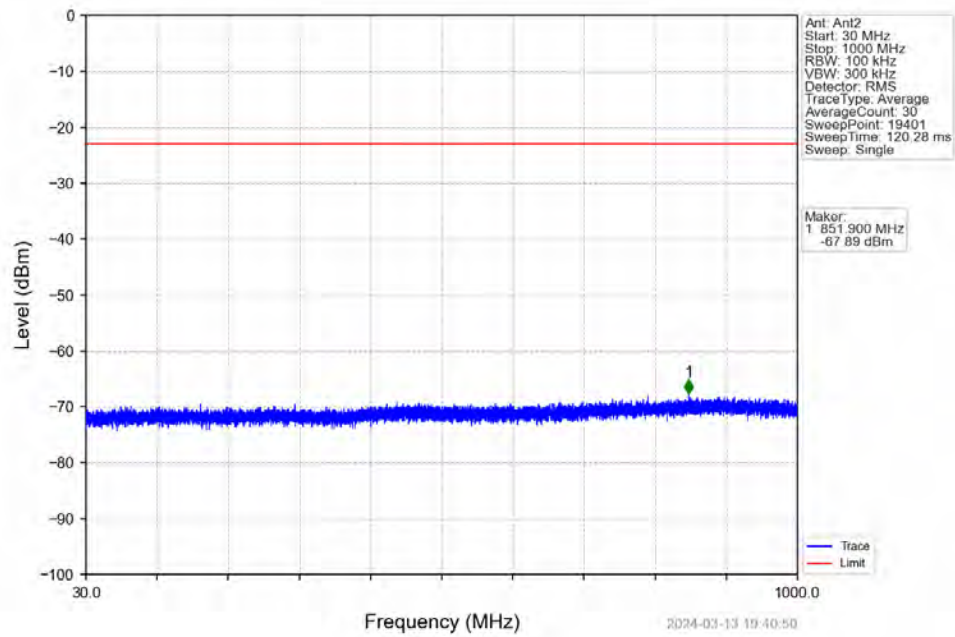
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Edge 1RB Right



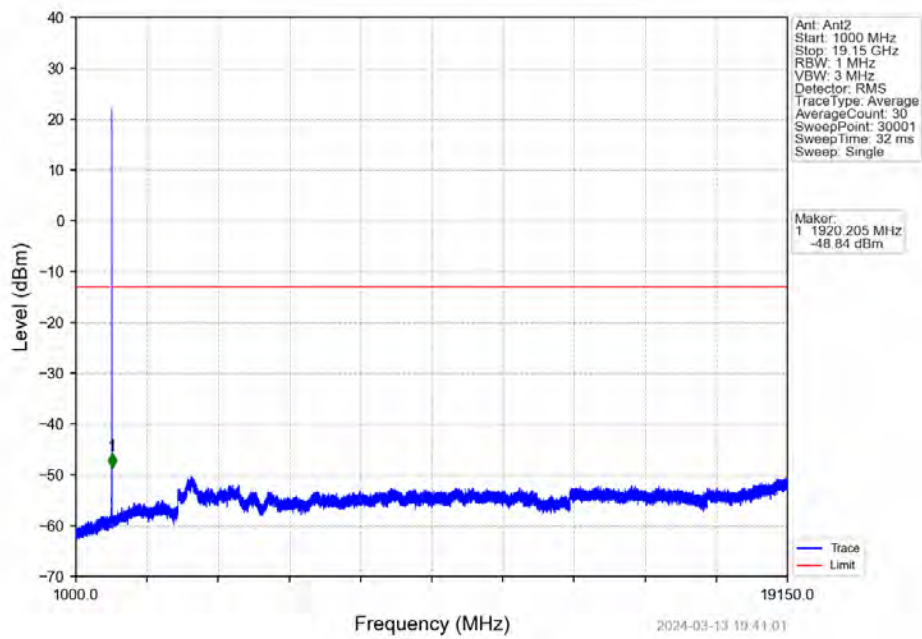
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Edge 1RB Right



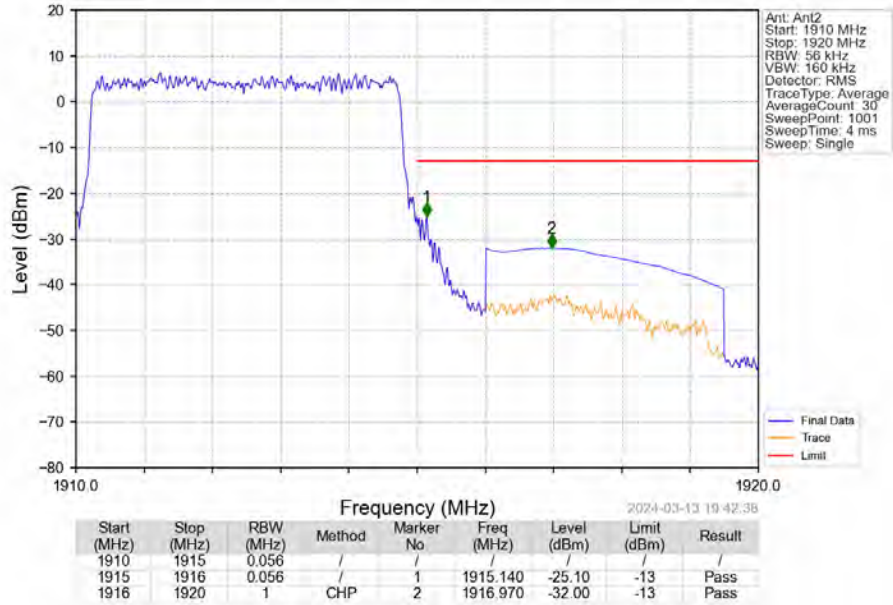
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Edge 1RB Right



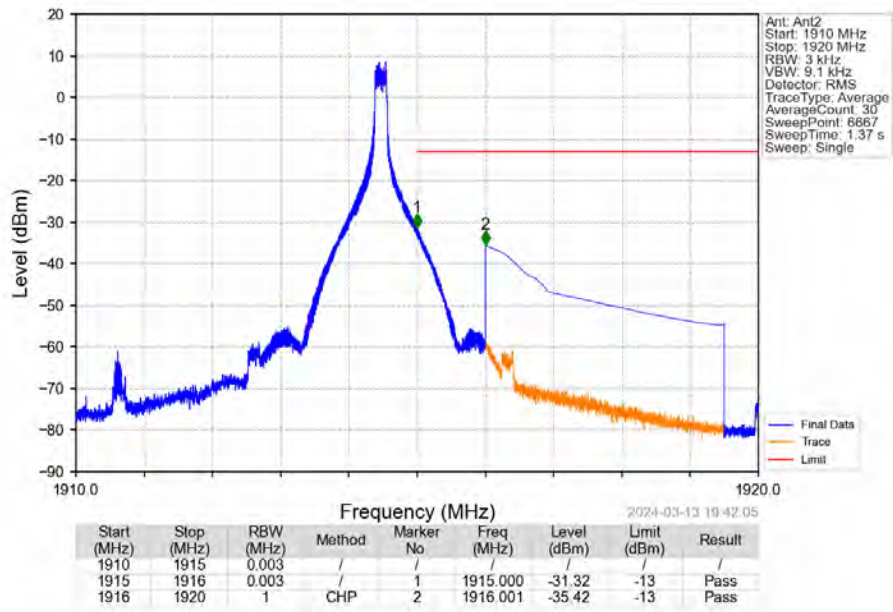
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Edge 1RB Right



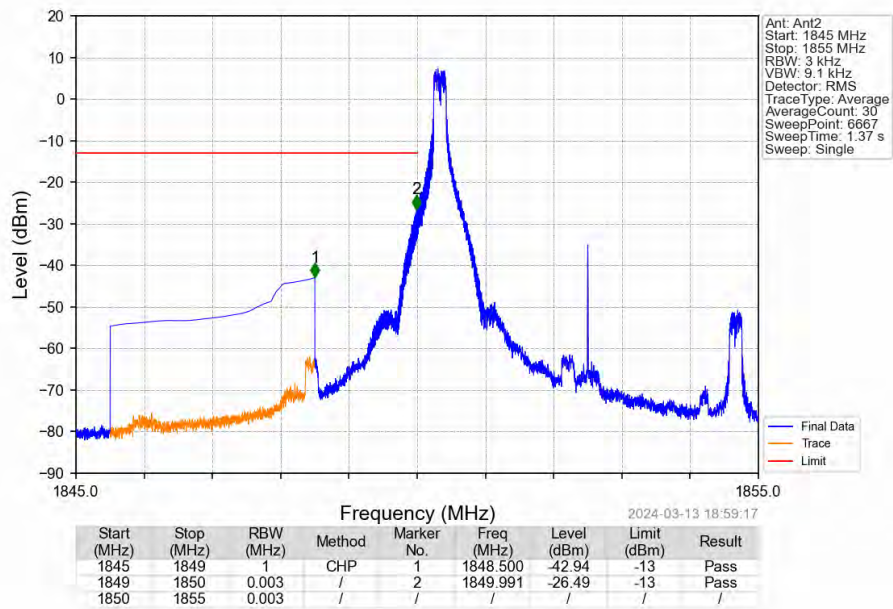
n25 15kHz SISO NTV 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Outer Full



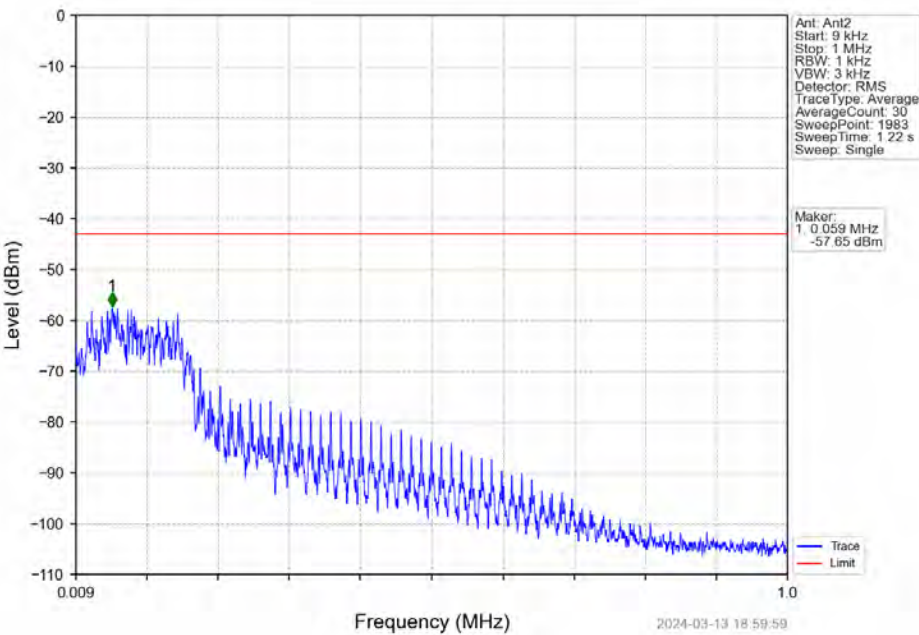
n25 15kHz SISO NTV 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Inner 1RB Right



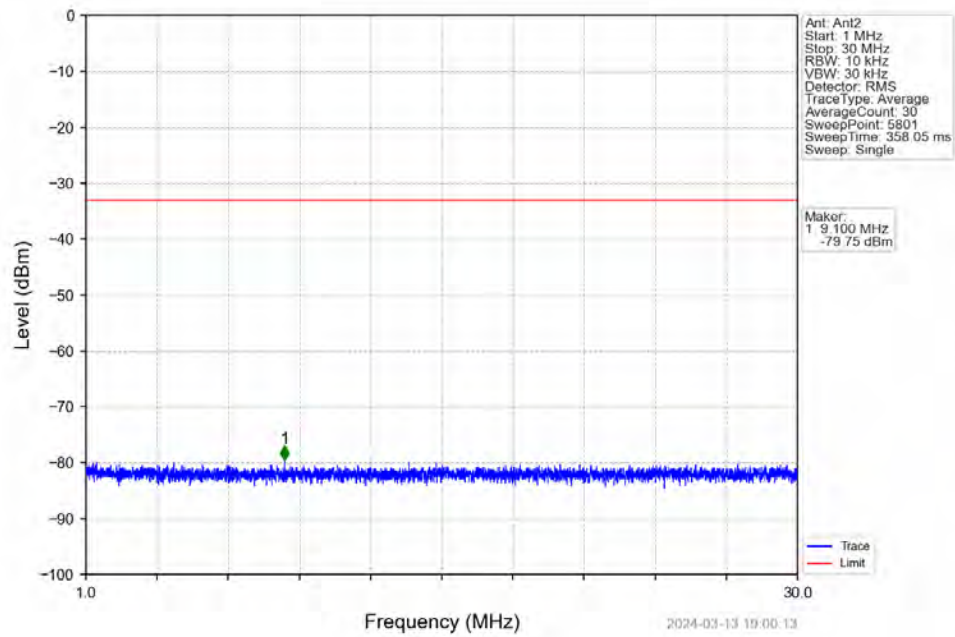
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Edge 1RB Left



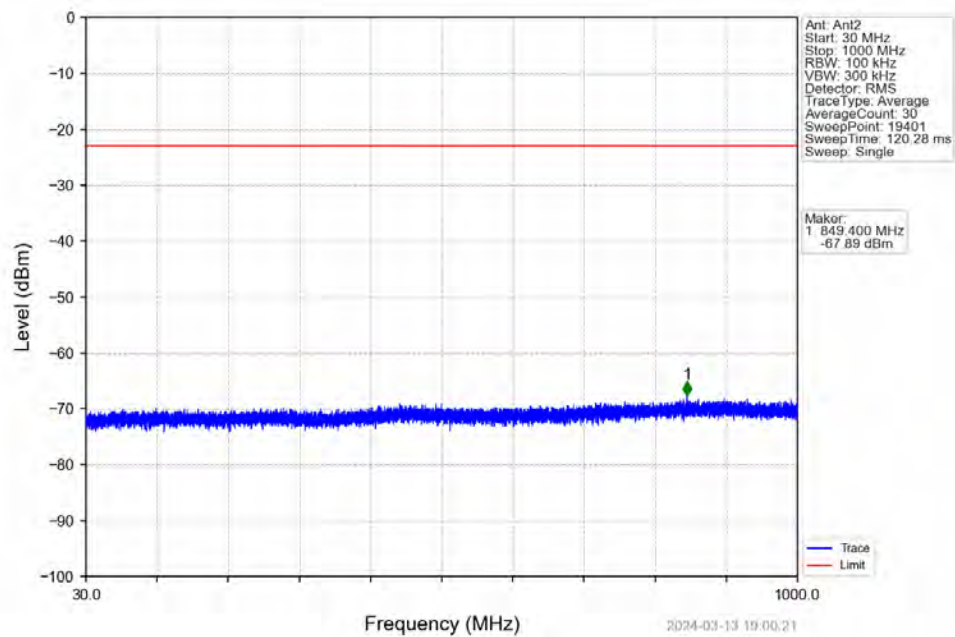
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Edge 1RB Left



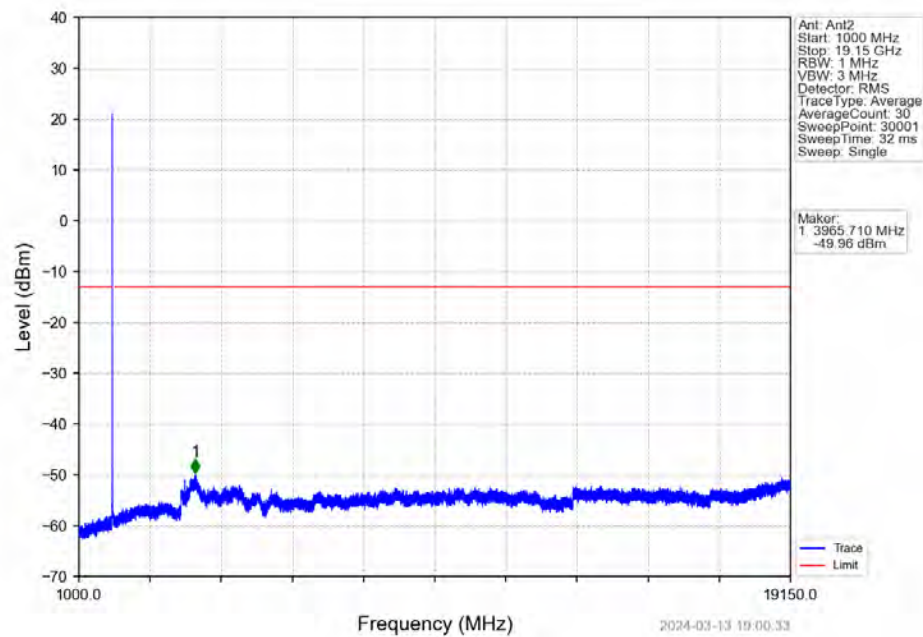
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Edge 1RB Left



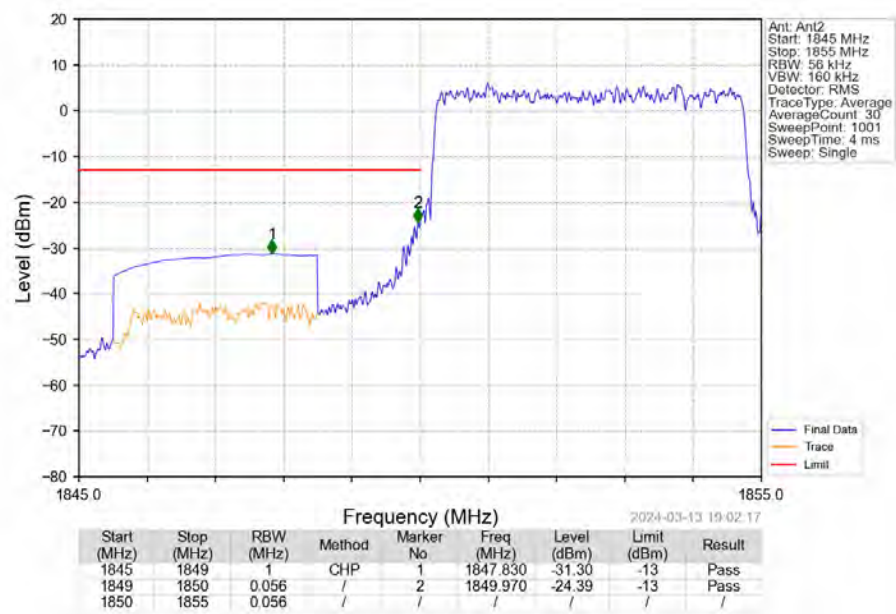
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Edge 1RB Left



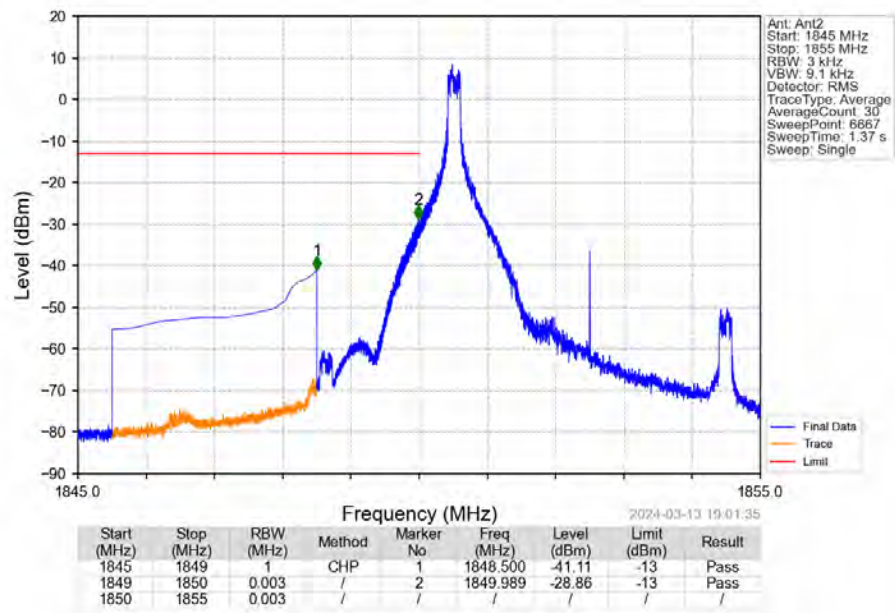
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Edge 1RB Left



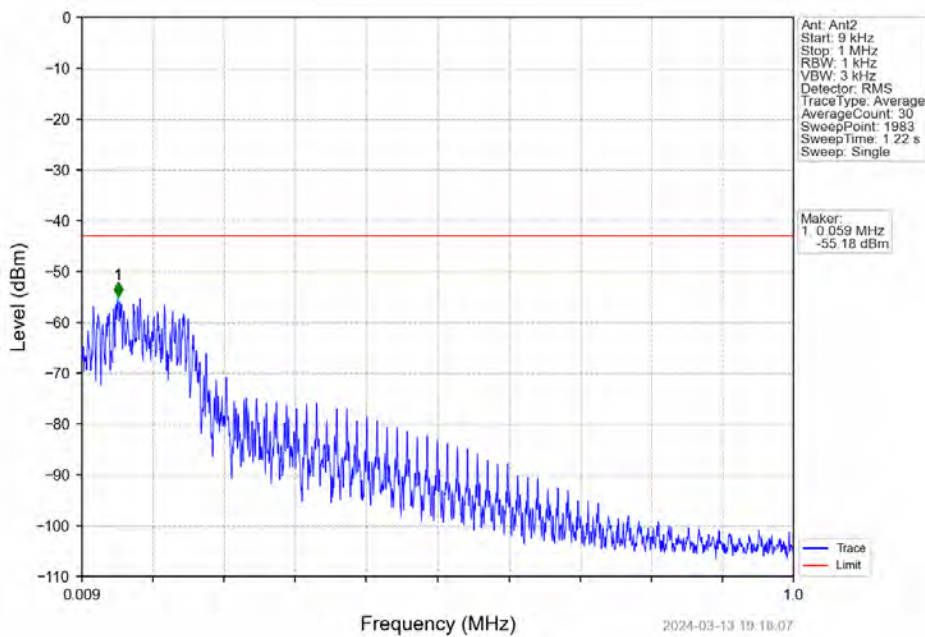
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Outer Full



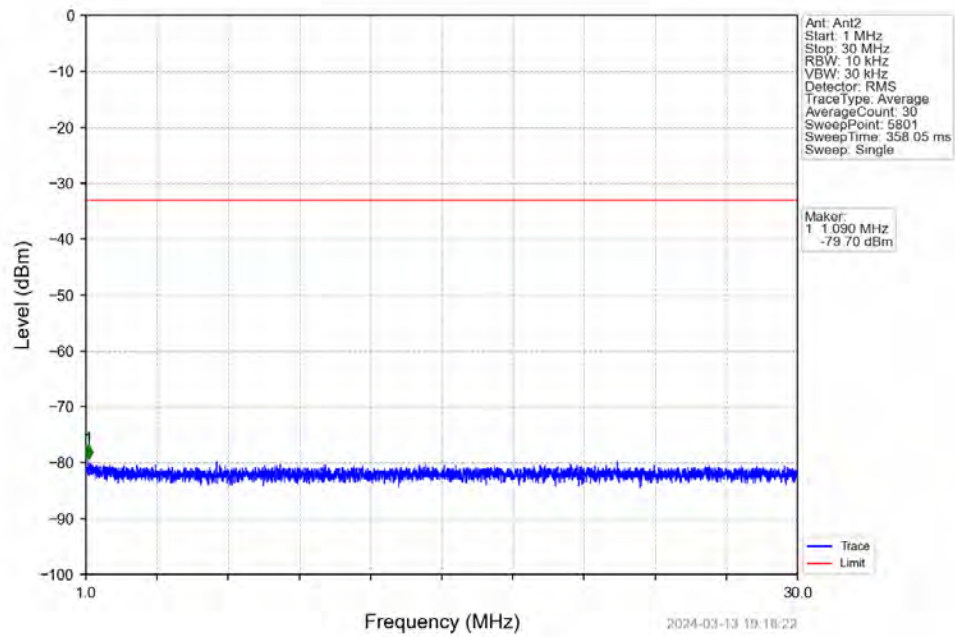
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Inner 1RB Left



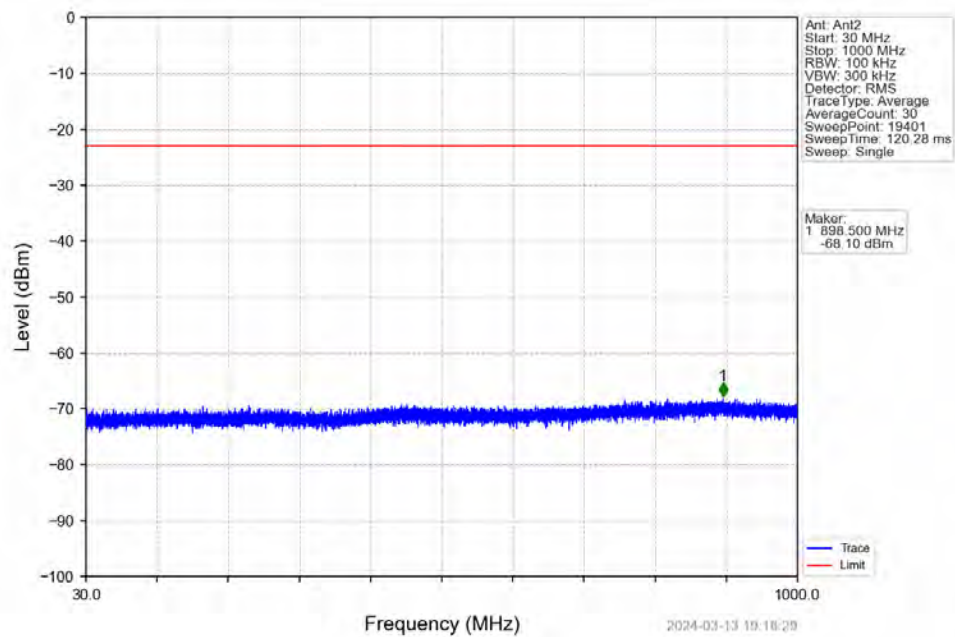
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



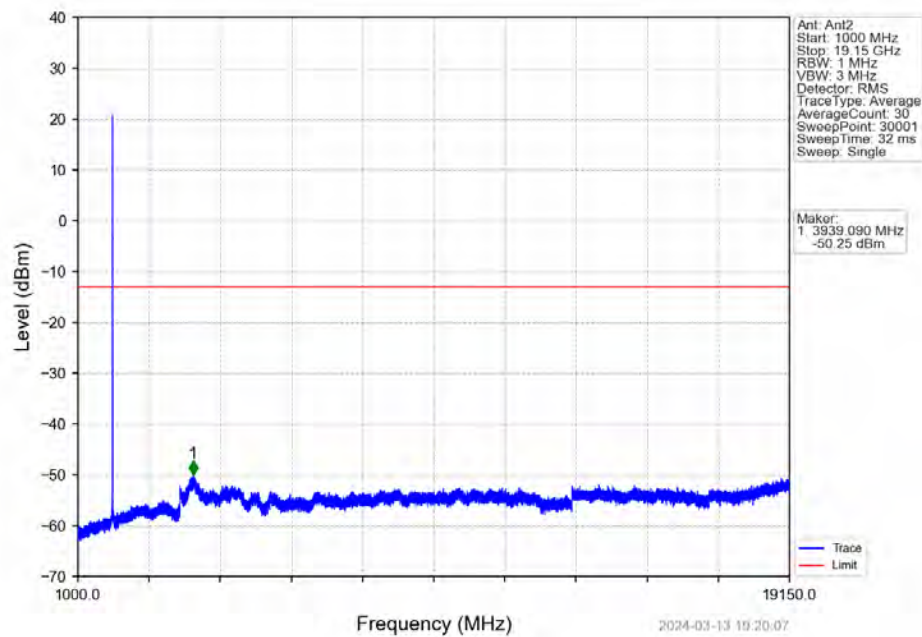
n25 15kHz SISO NTNV 5MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



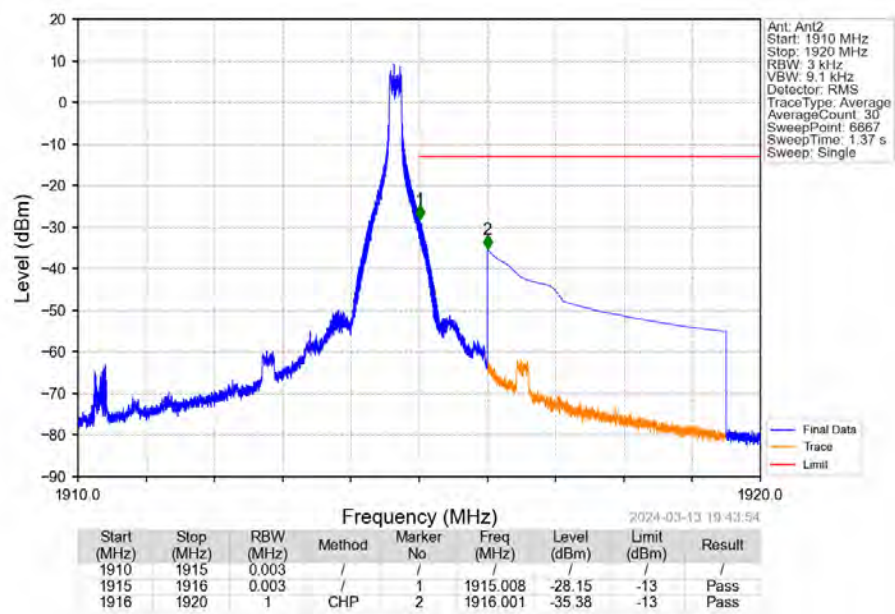
n25 15kHz SISO NTNV 5MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



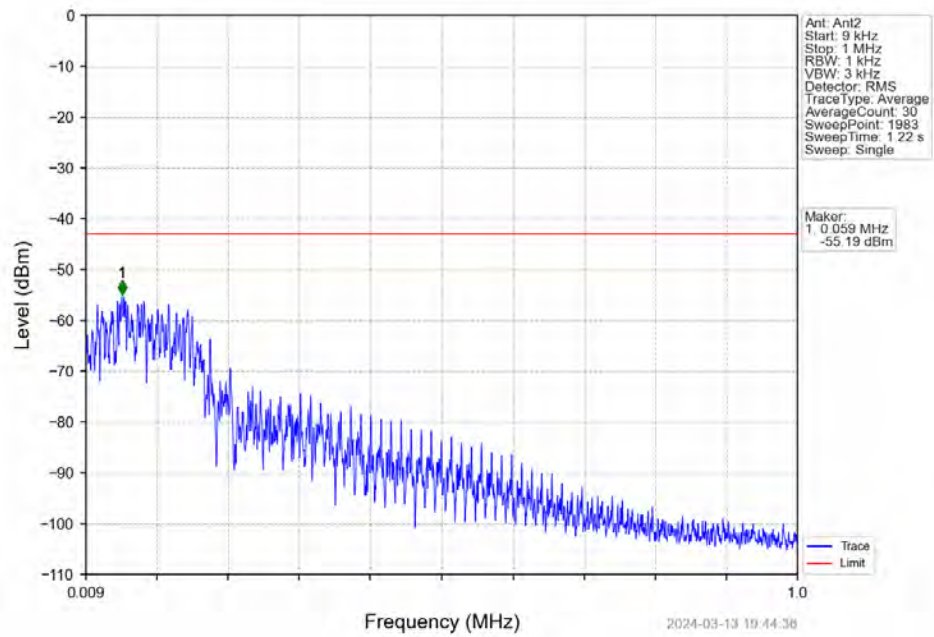
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



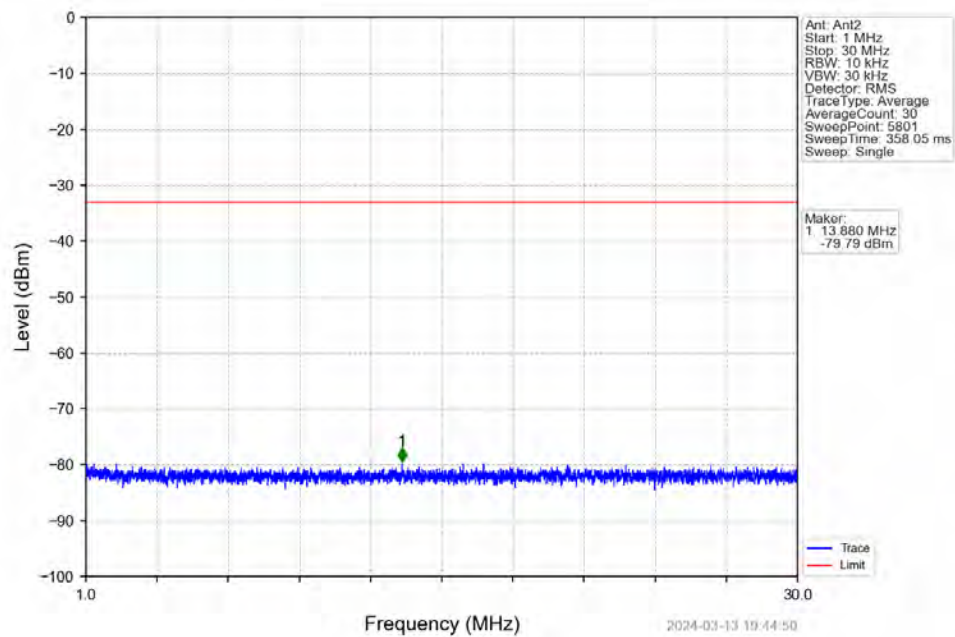
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Edge 1RB Right



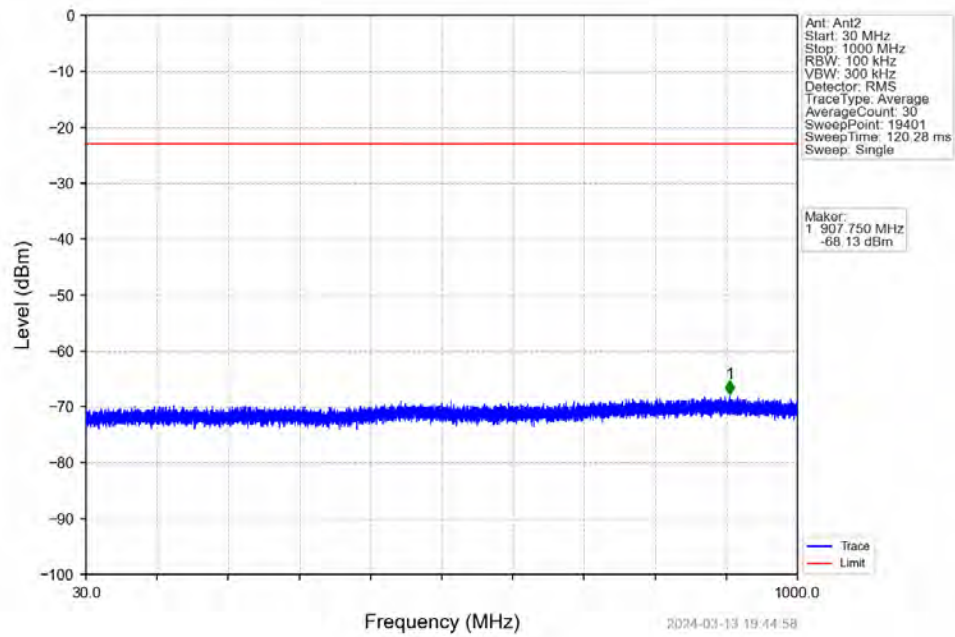
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Edge 1RB Right



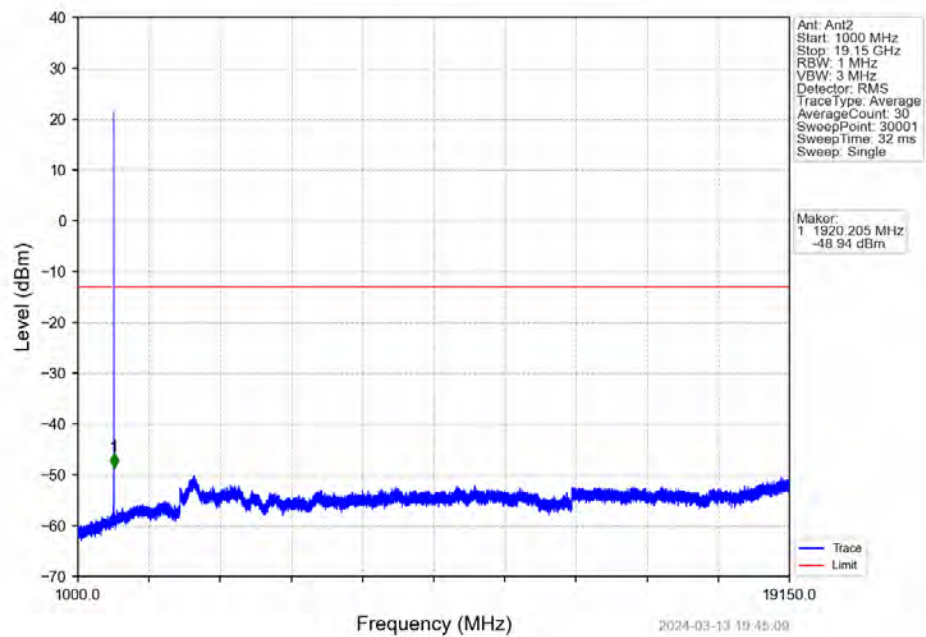
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Edge 1RB Right



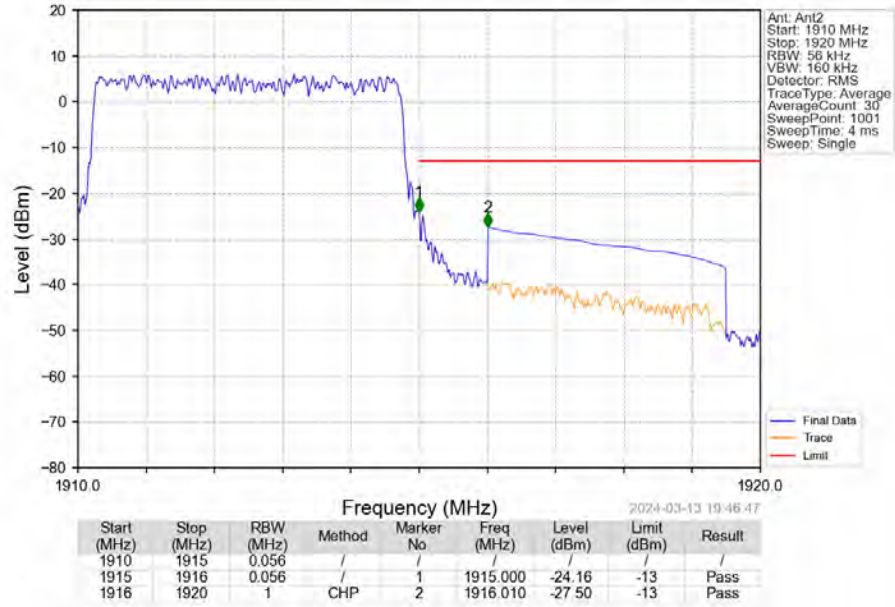
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Edge 1RB Right



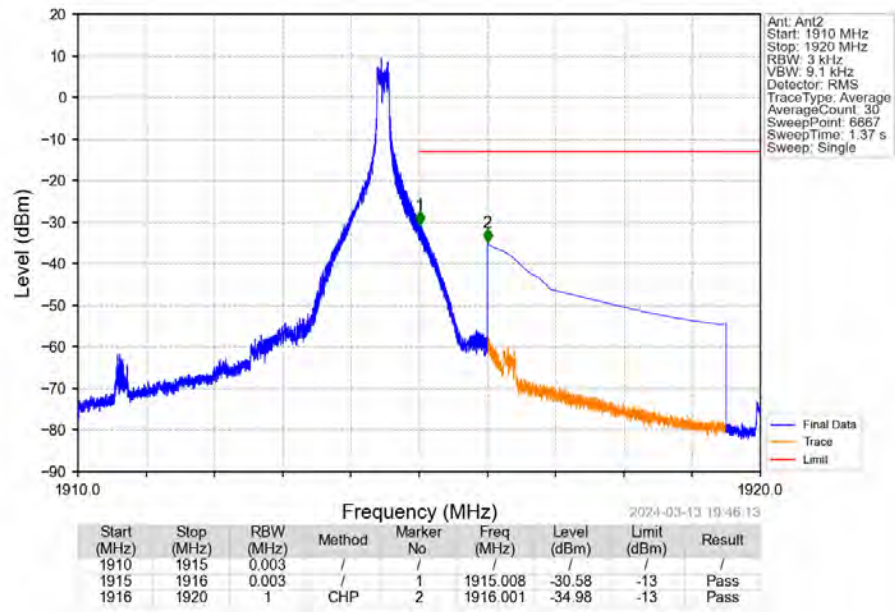
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Edge 1RB Right



n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Outer Full



n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Inner 1RB Right

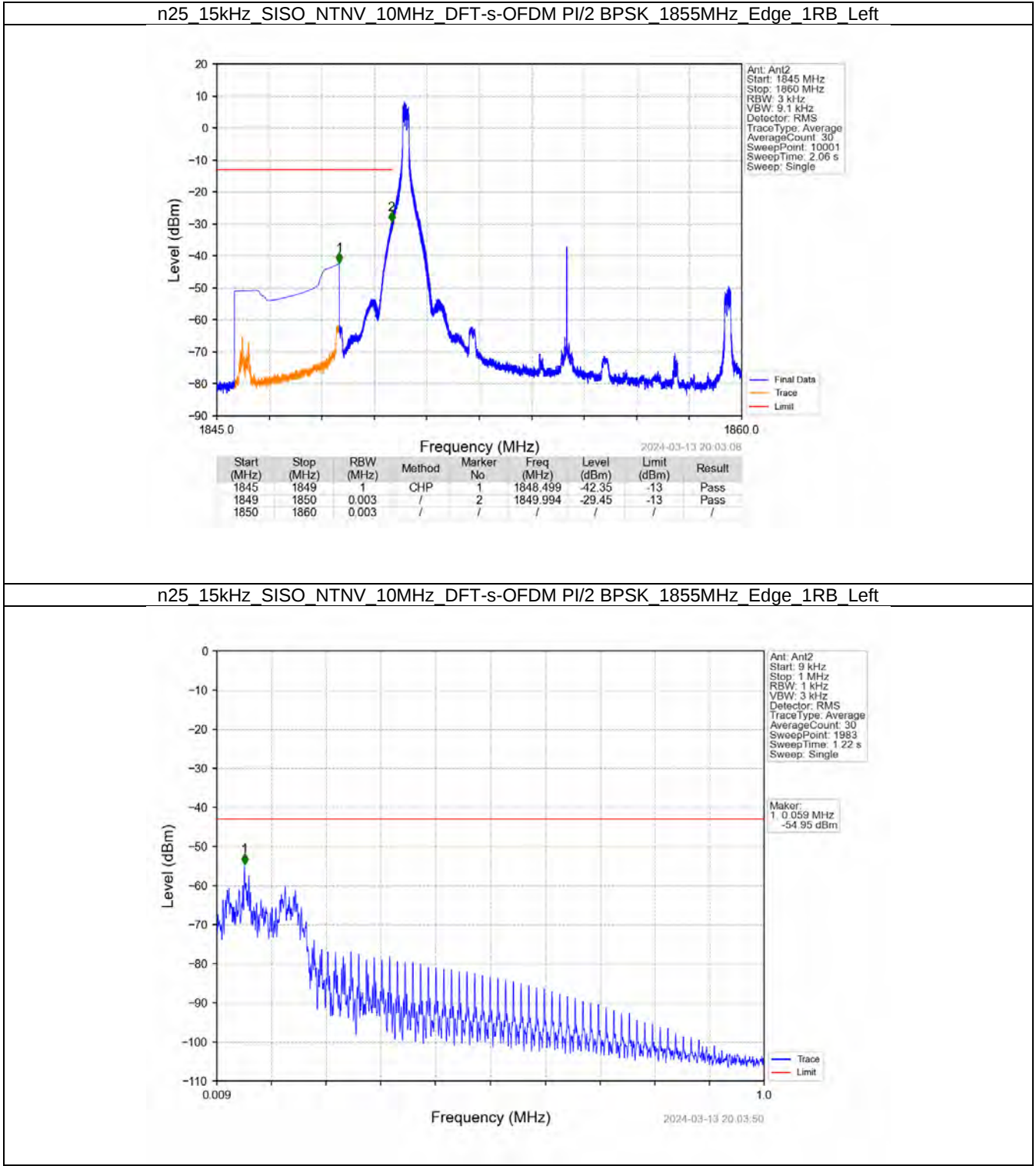


5.2 15k_SISO_10MHz_NTNV

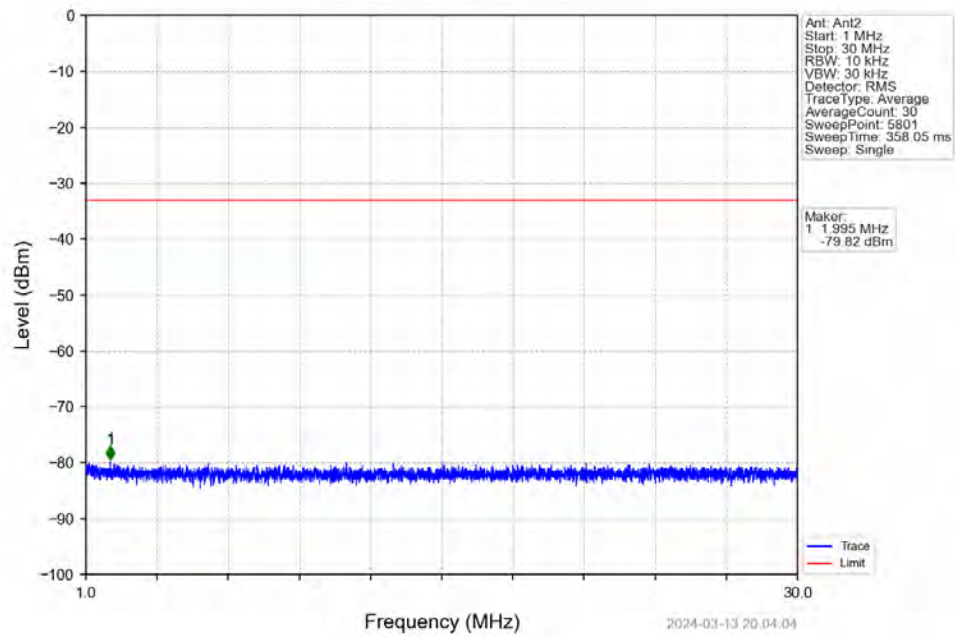
5.2.1 Test Result

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

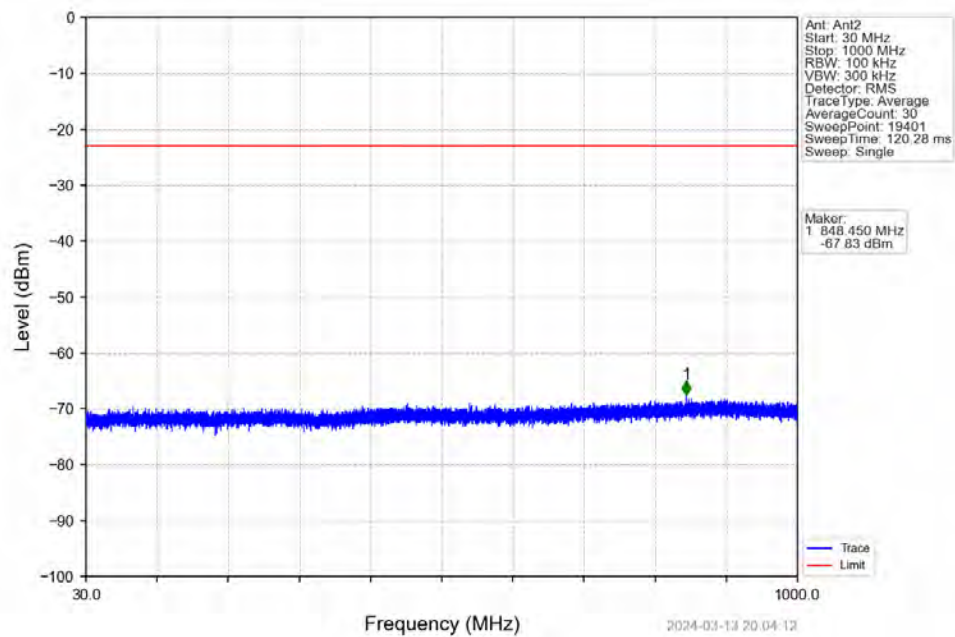
5.2.2 Test Graph



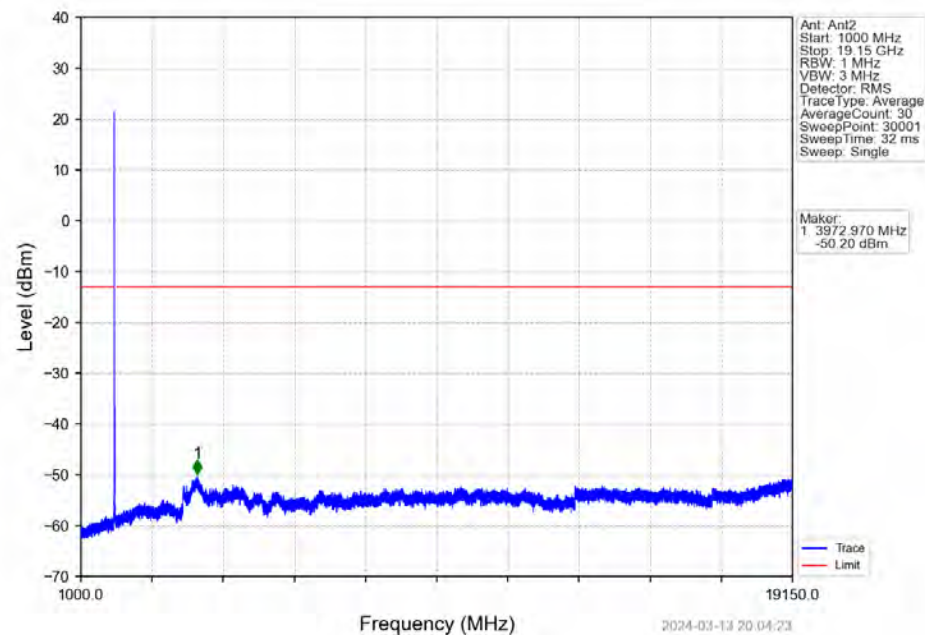
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1855MHz Edge 1RB Left



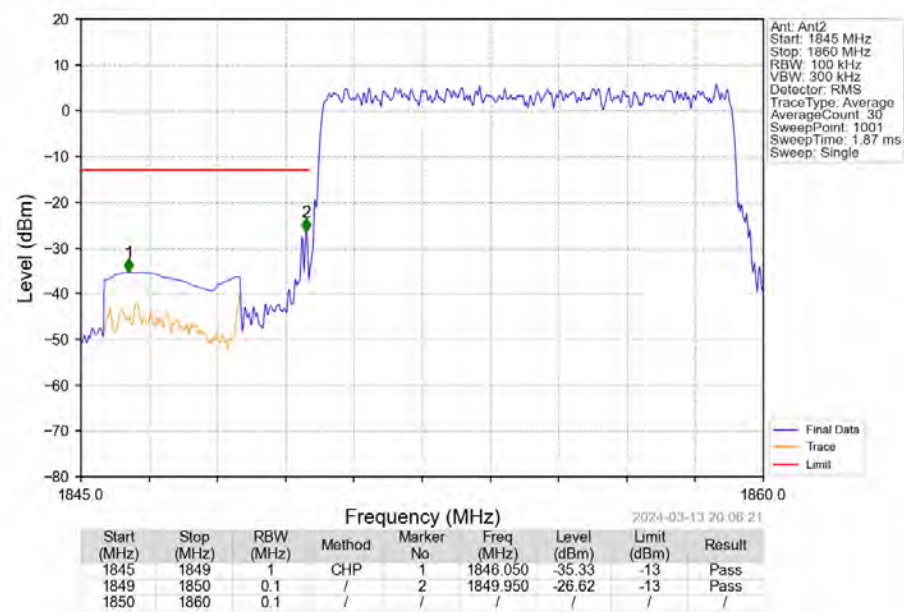
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1855MHz Edge 1RB Left



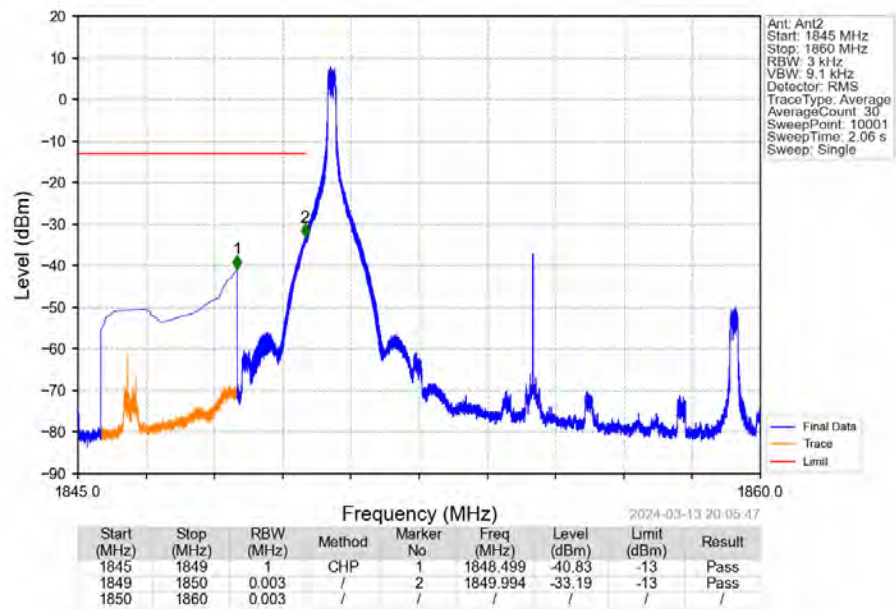
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1855MHz Edge 1RB Left



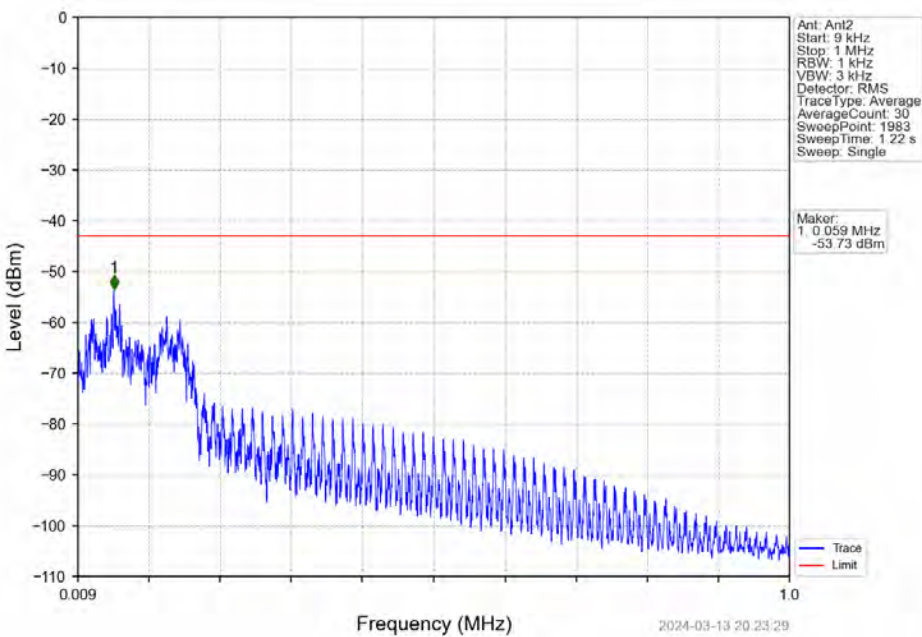
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1855MHz Outer Full



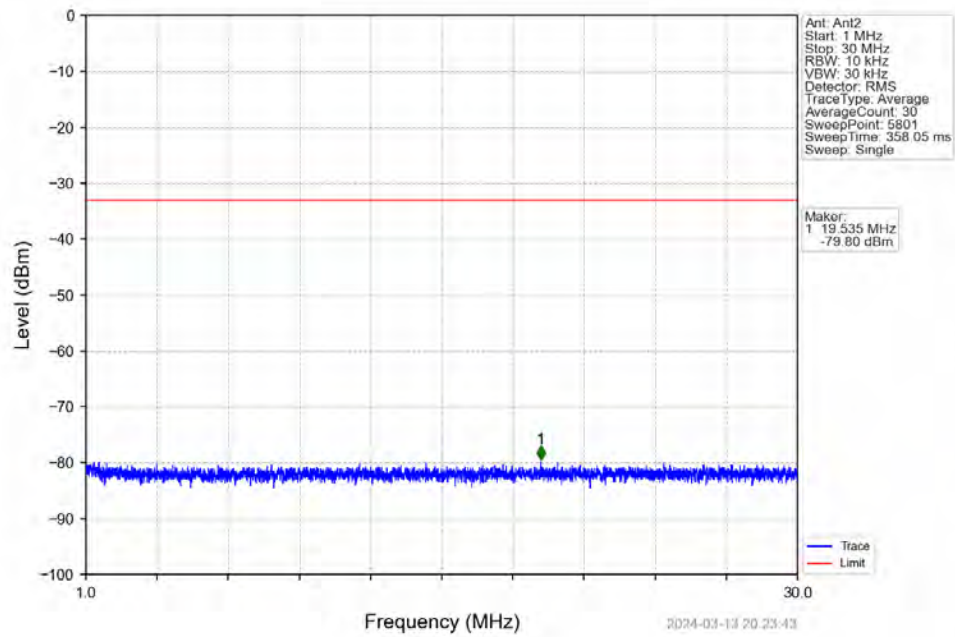
n25 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 1855MHz Inner 1RB Left



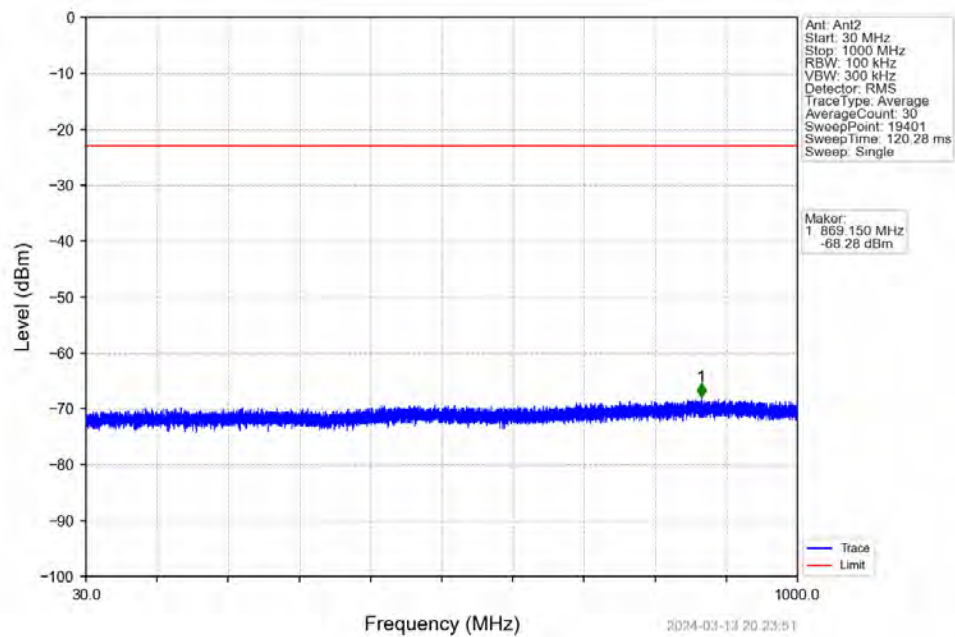
n25 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



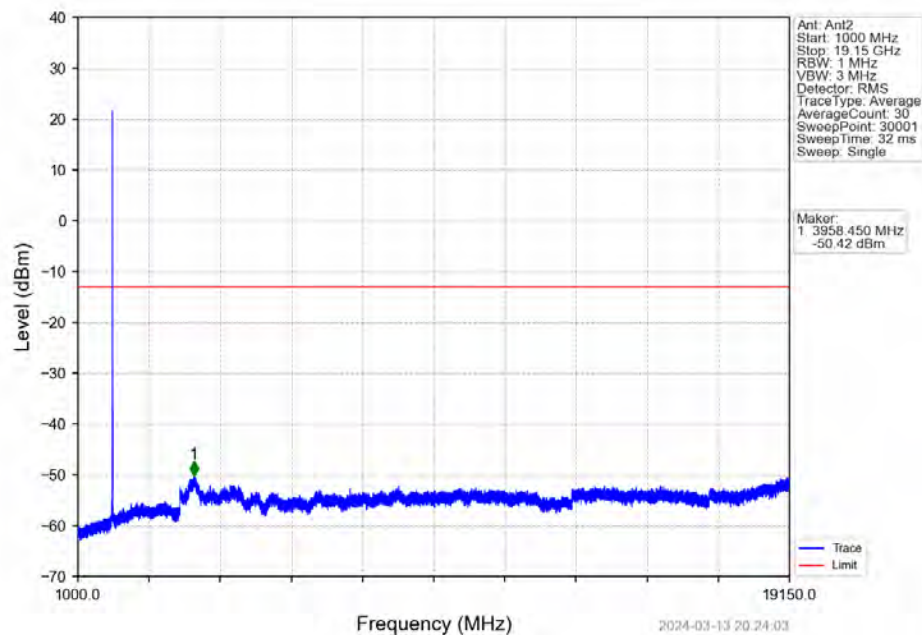
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



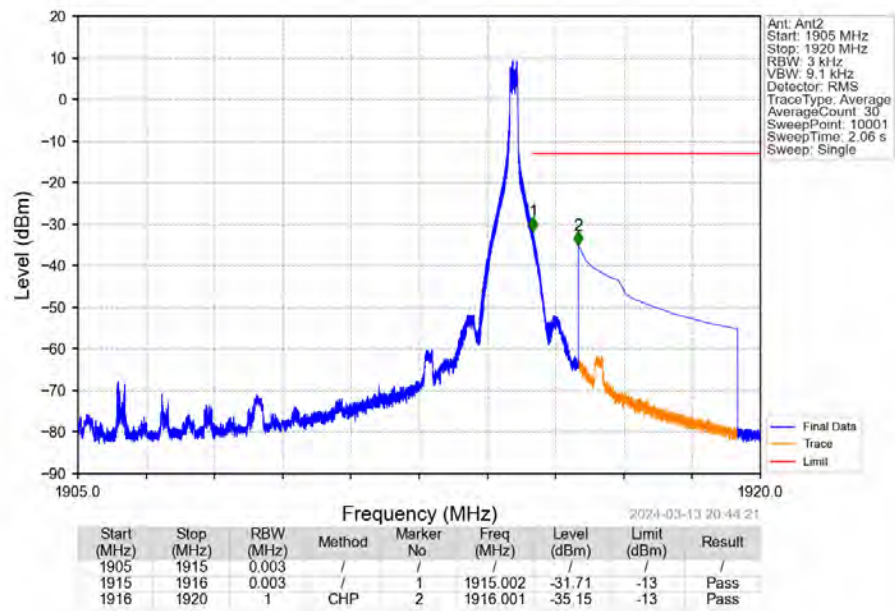
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



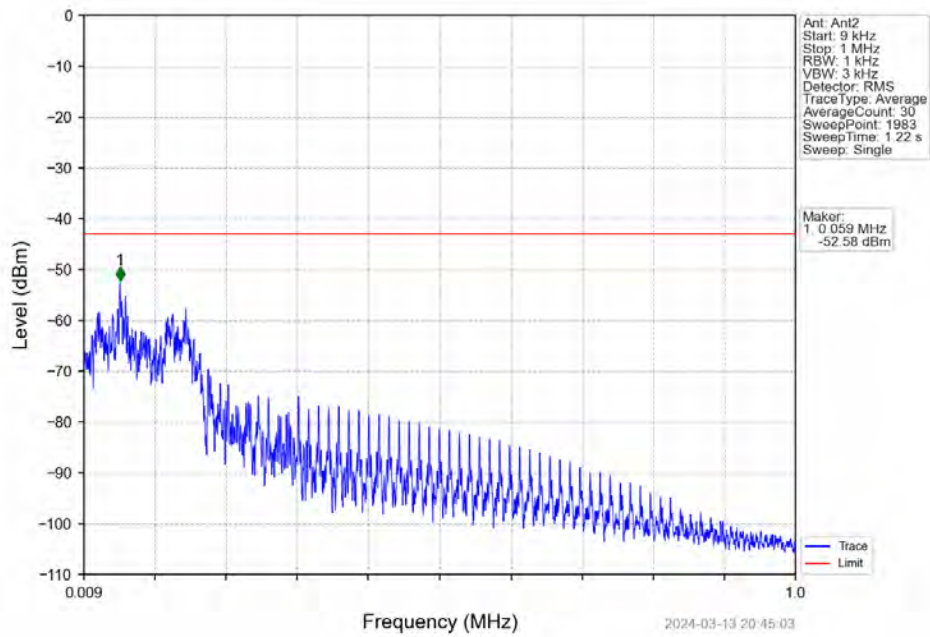
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



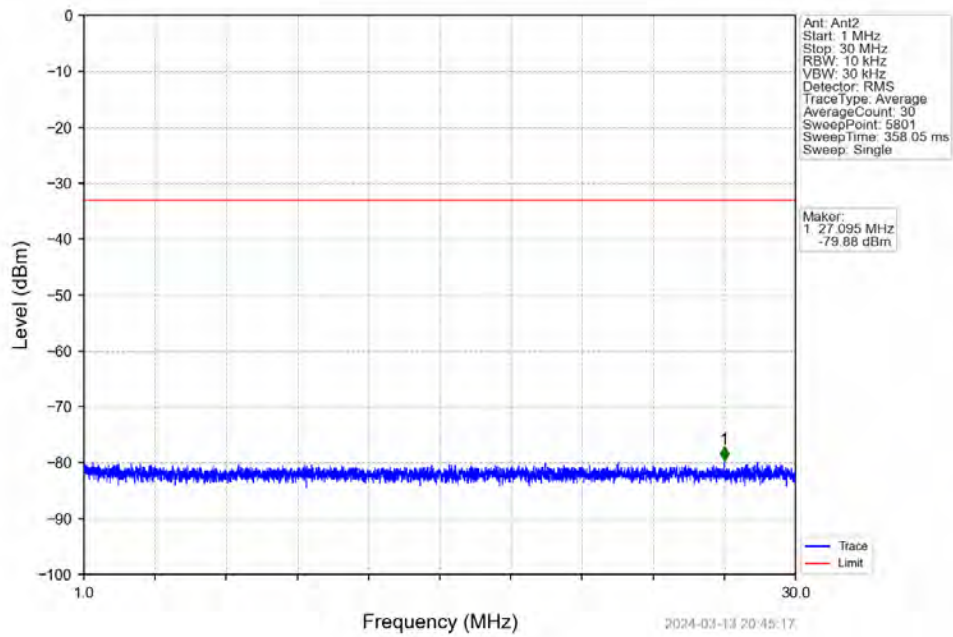
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Edge 1RB Right



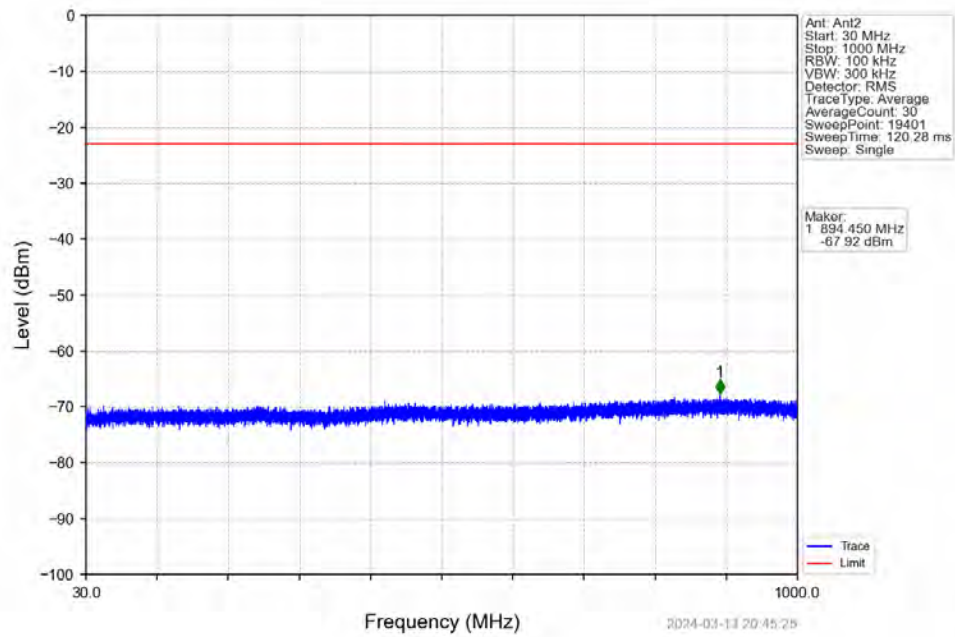
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Edge 1RB Right



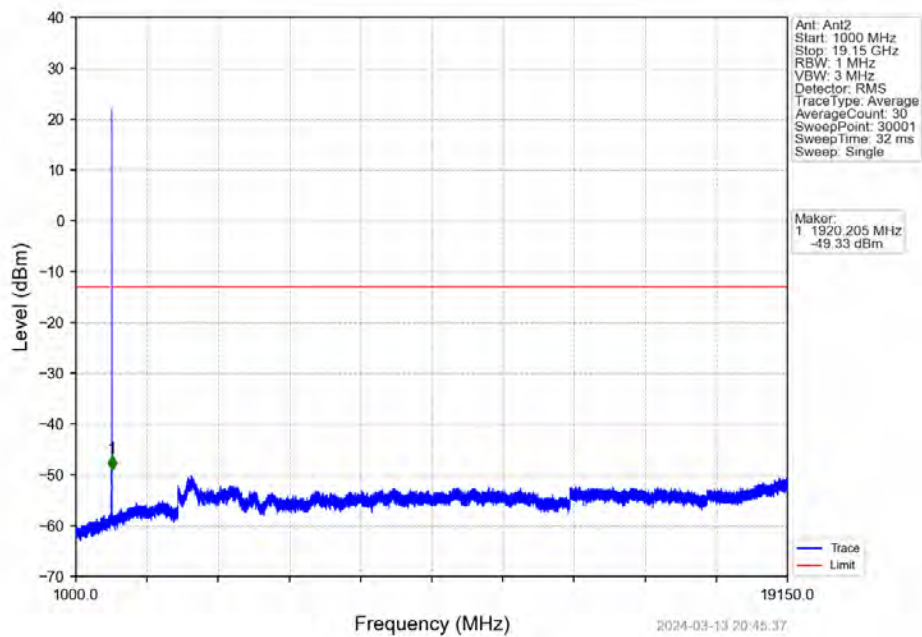
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Edge 1RB Right



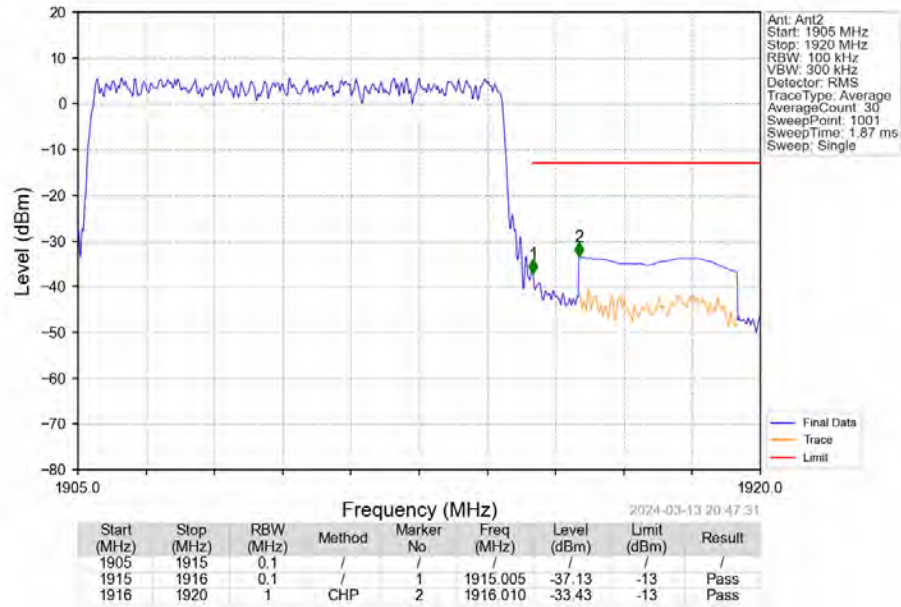
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Edge 1RB Right



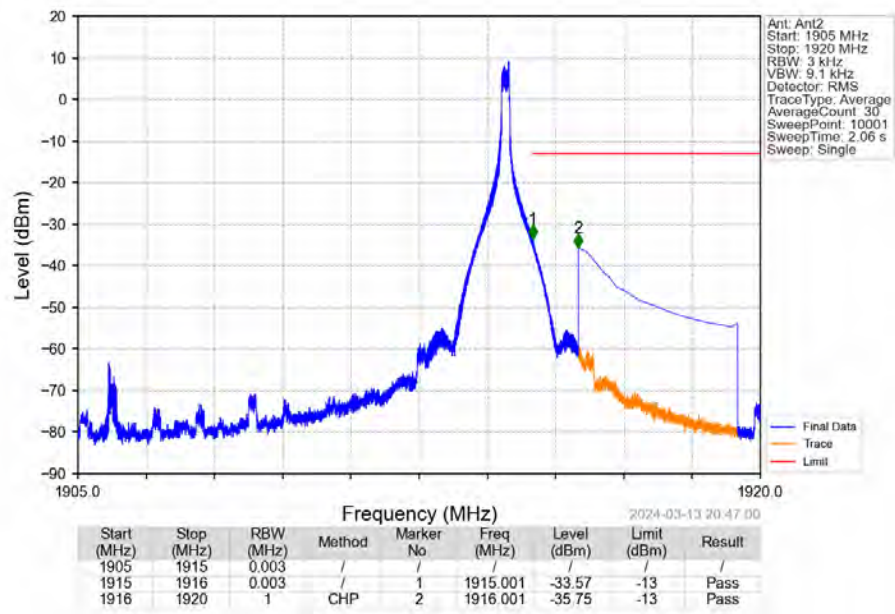
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Edge 1RB Right



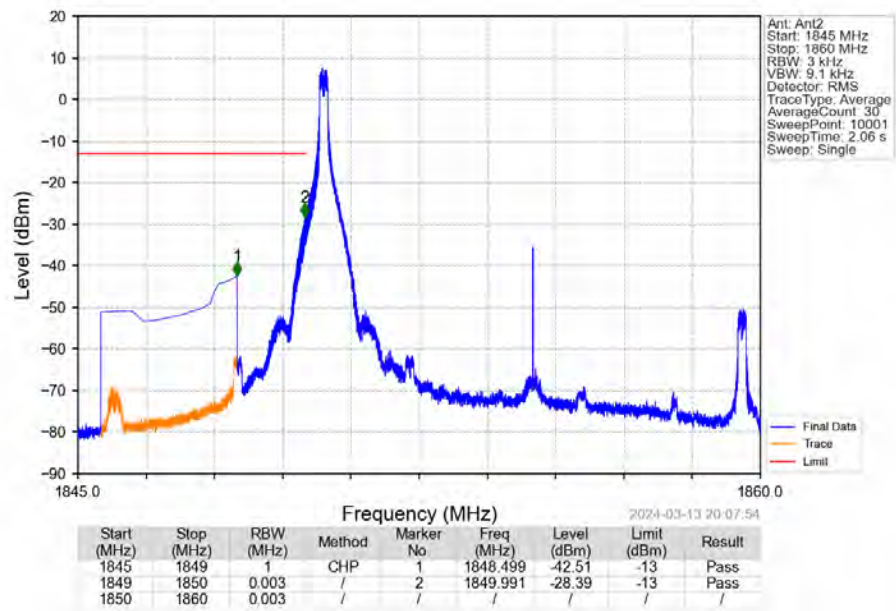
n25 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Outer Full



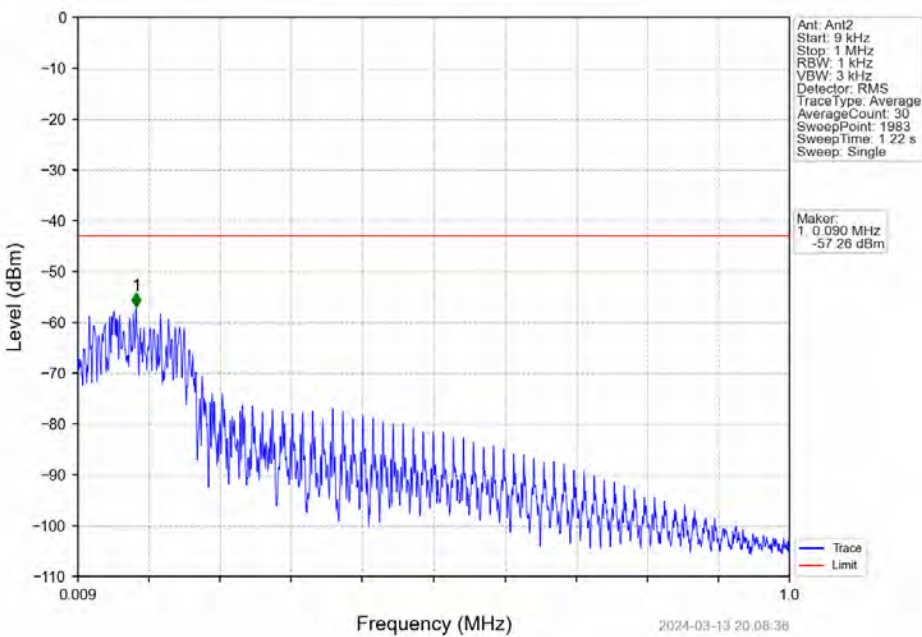
n25 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Inner 1RB Right



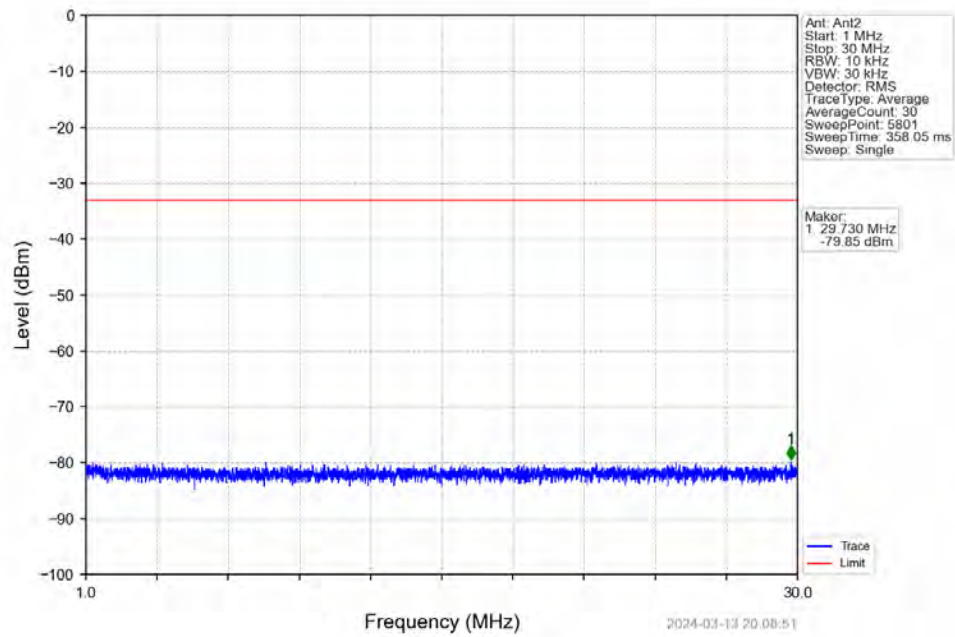
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1855MHz Edge 1RB Left



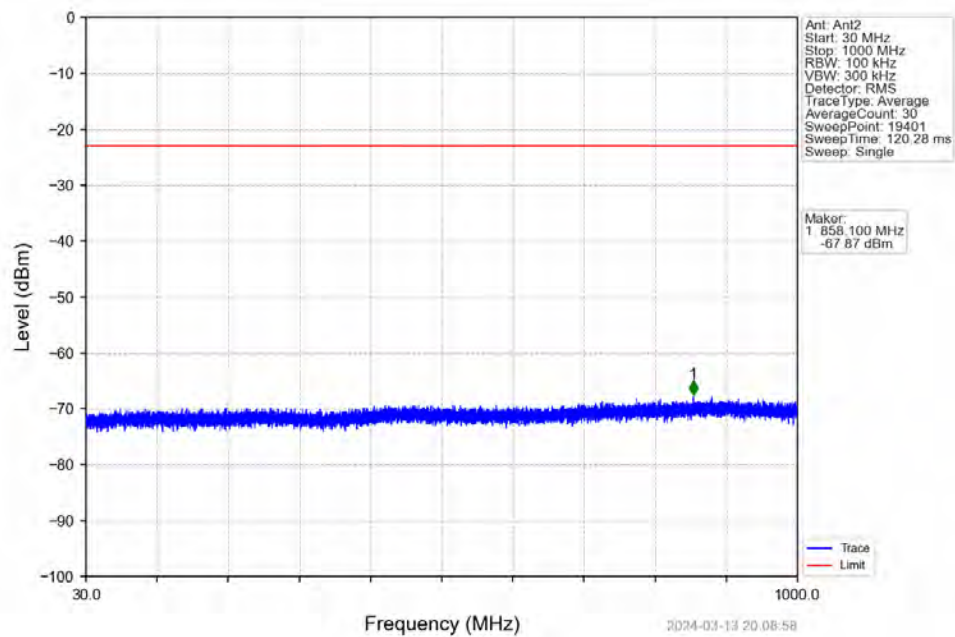
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1855MHz Edge 1RB Left



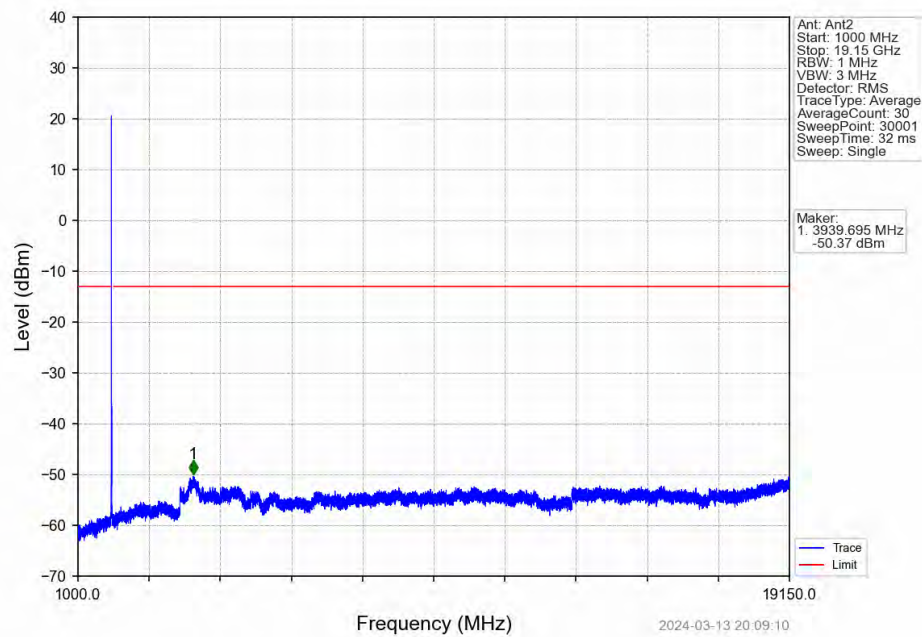
n25 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 1855MHz Edge 1RB Left



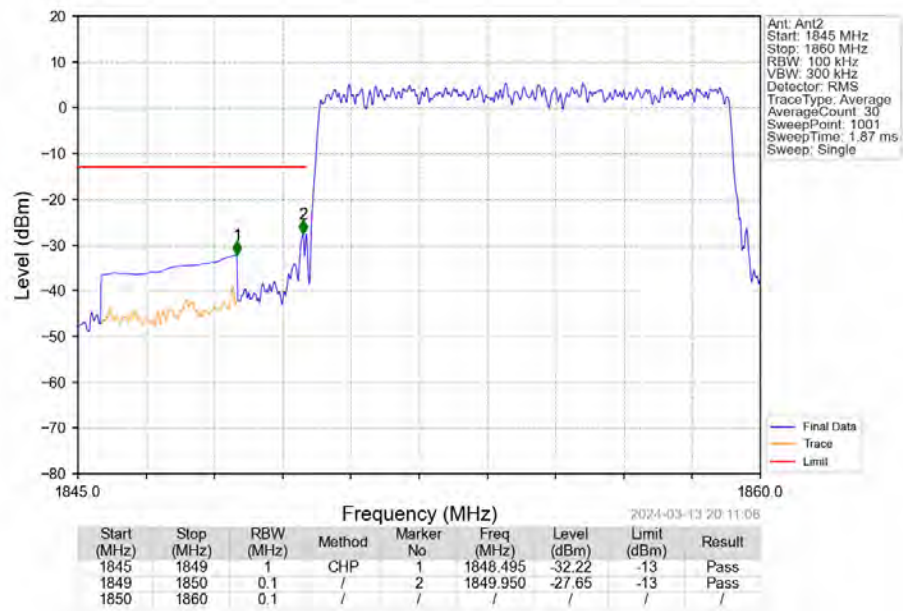
n25 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 1855MHz Edge 1RB Left



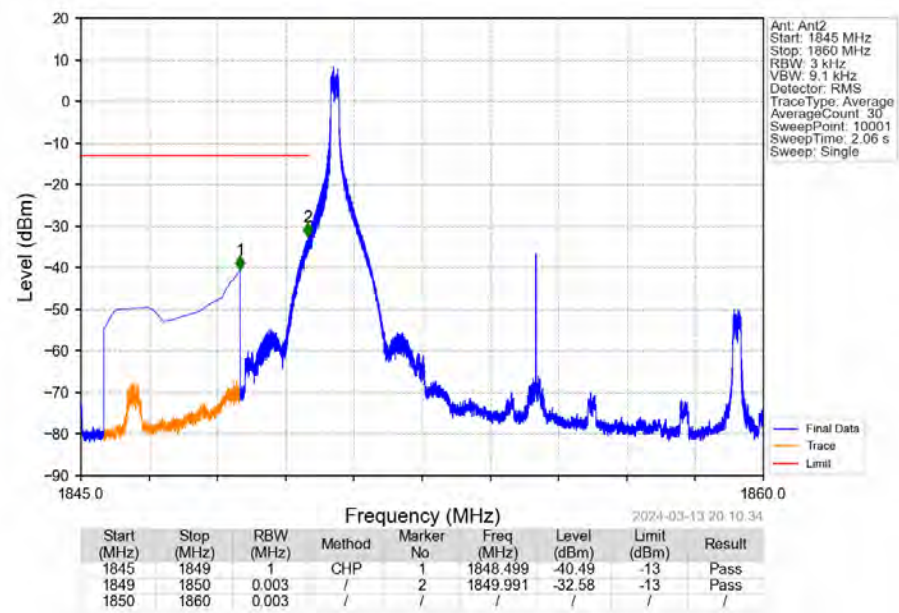
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1855MHz Edge 1RB Left



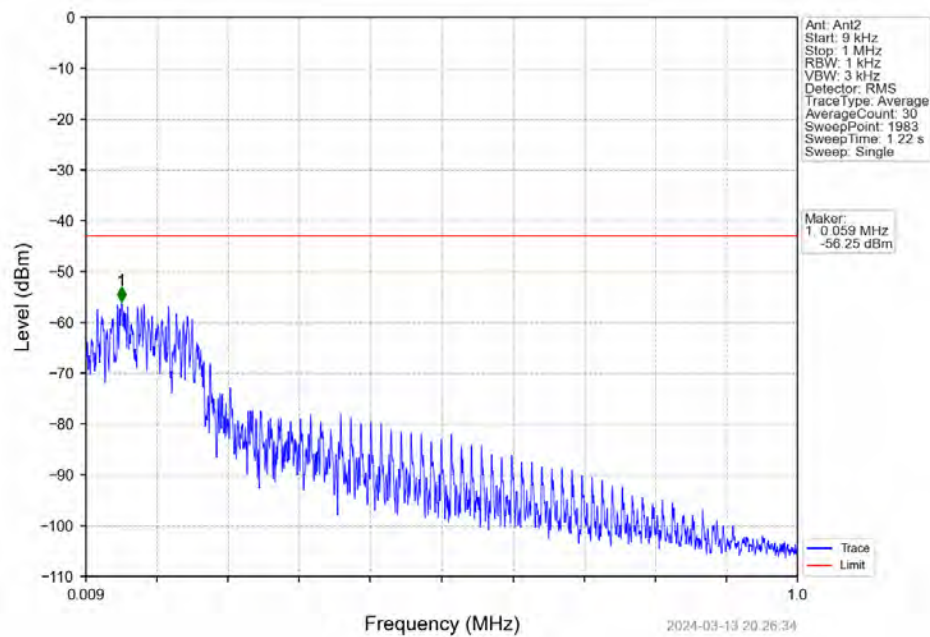
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1855MHz Outer Full



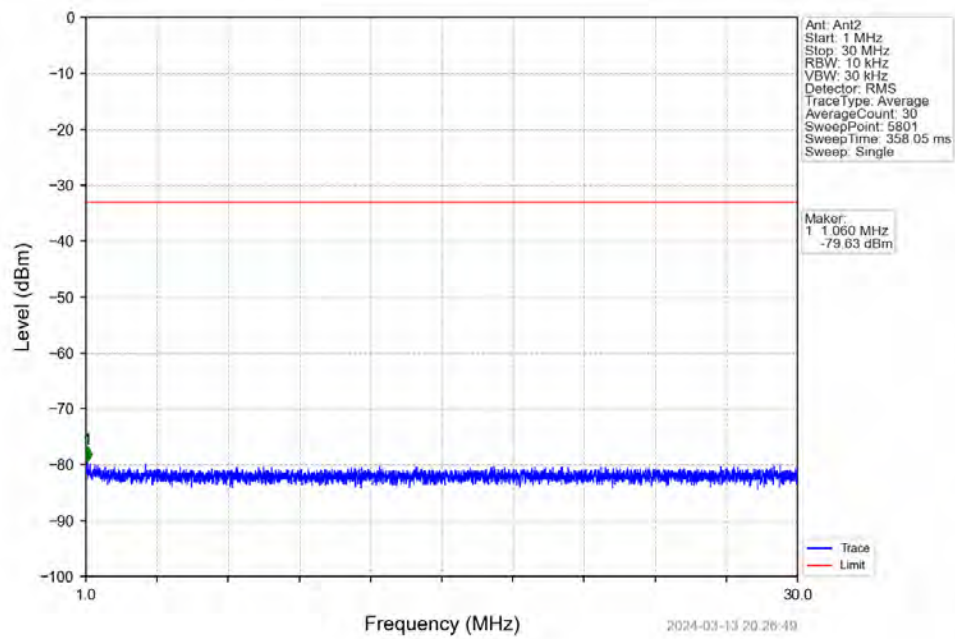
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1855MHz Inner 1RB Left



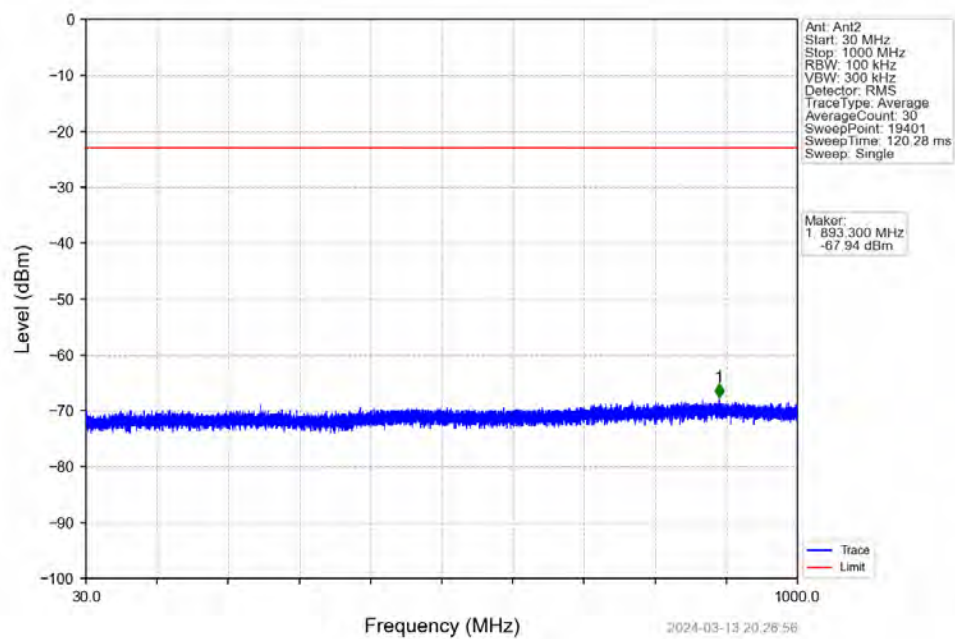
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



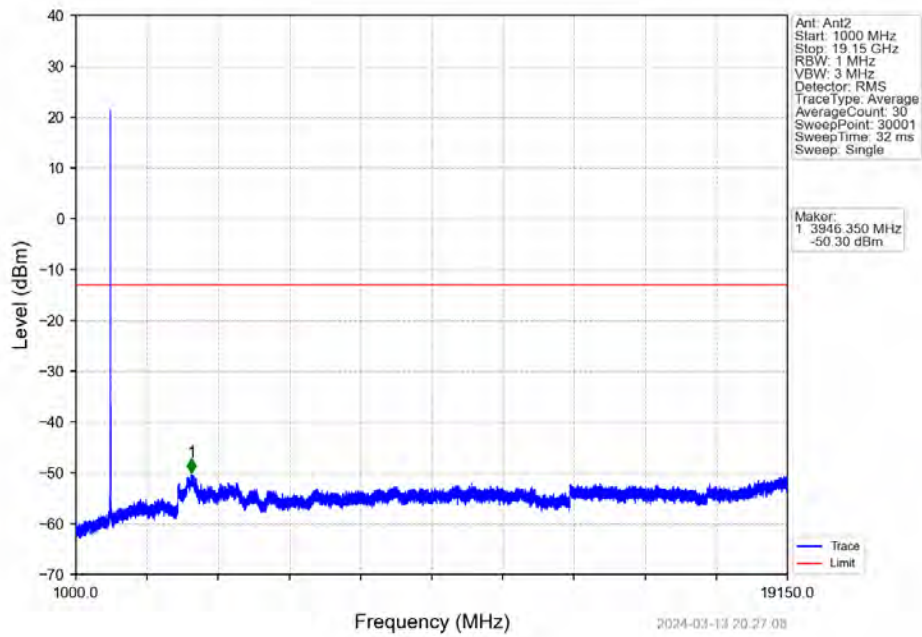
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



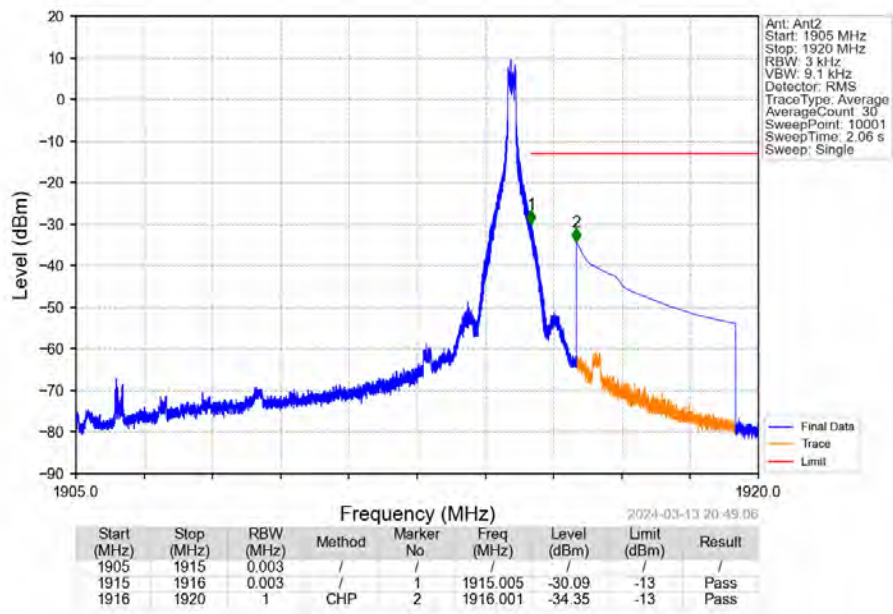
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



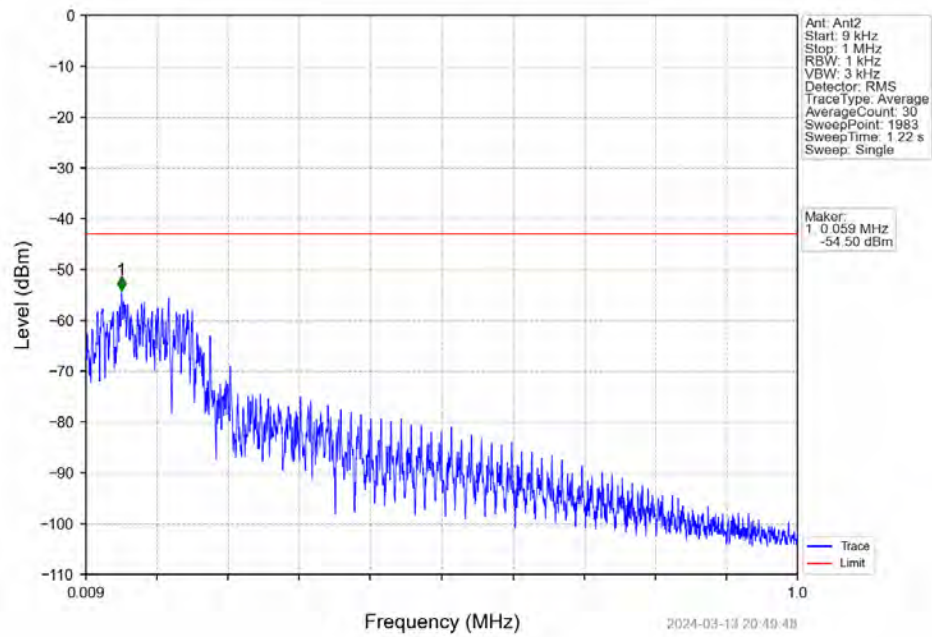
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



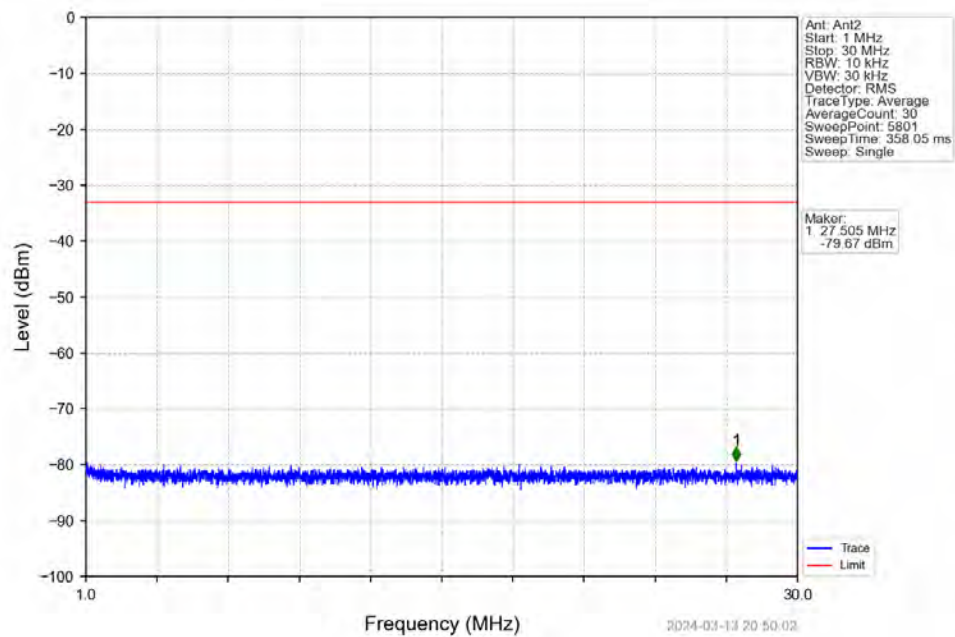
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1910MHz Edge 1RB Right



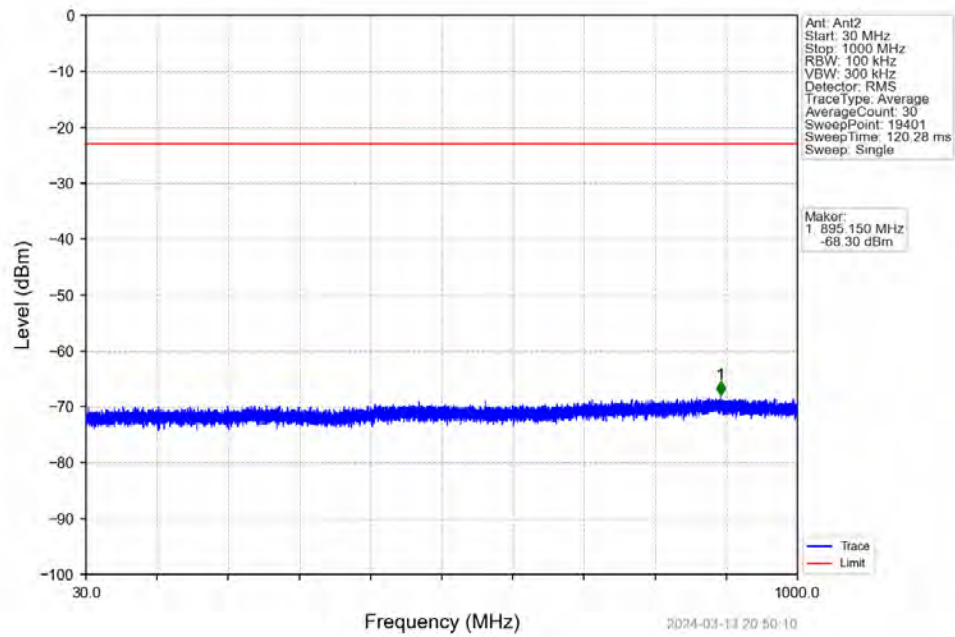
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1910MHz Edge 1RB Right



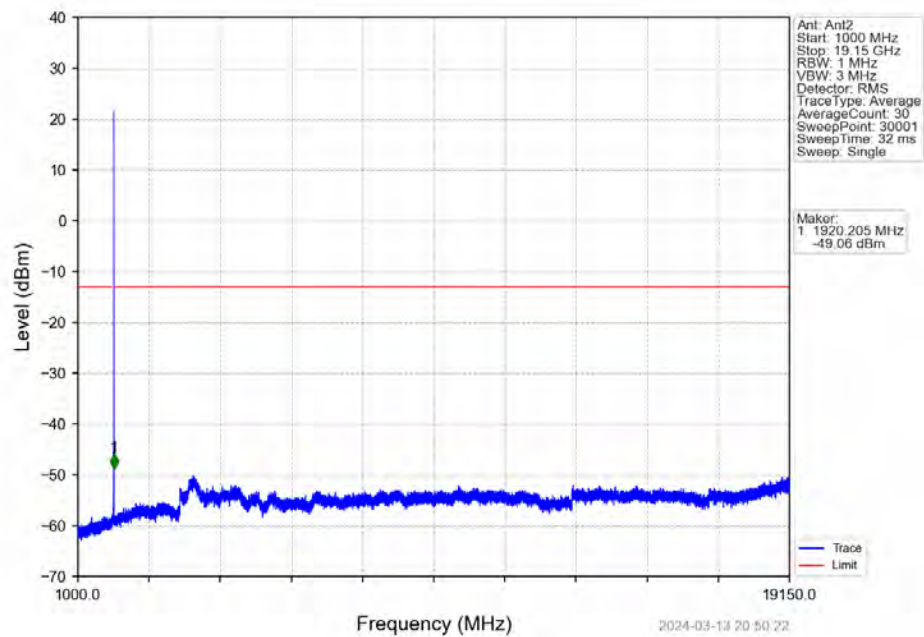
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1910MHz Edge 1RB Right



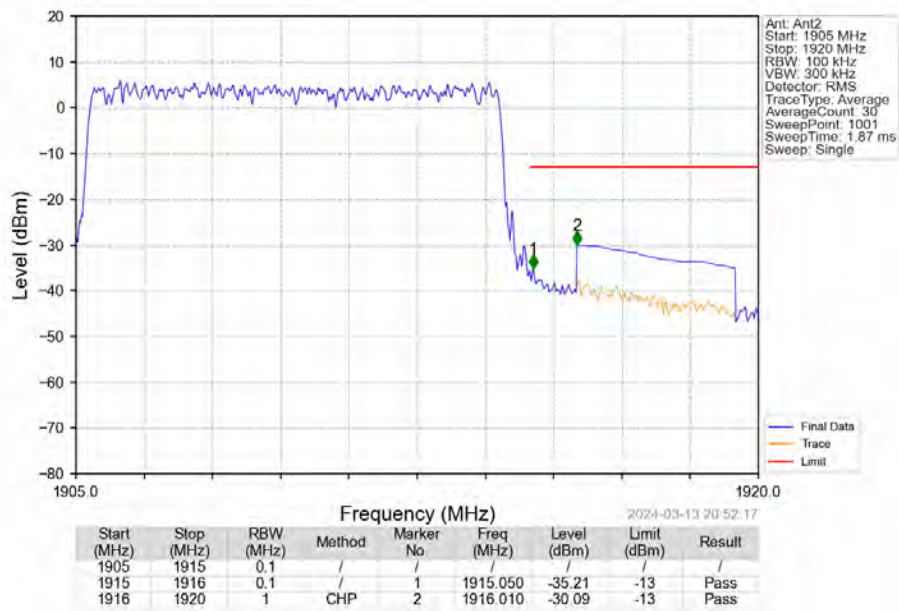
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1910MHz Edge 1RB Right



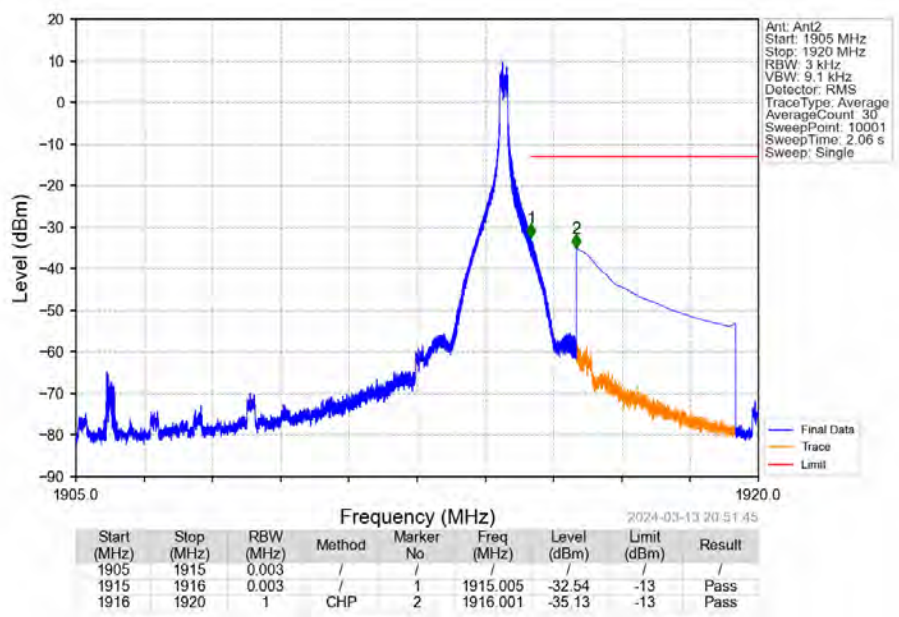
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1910MHz Edge 1RB Right



n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1910MHz Outer Full



n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1910MHz Inner 1RB Right

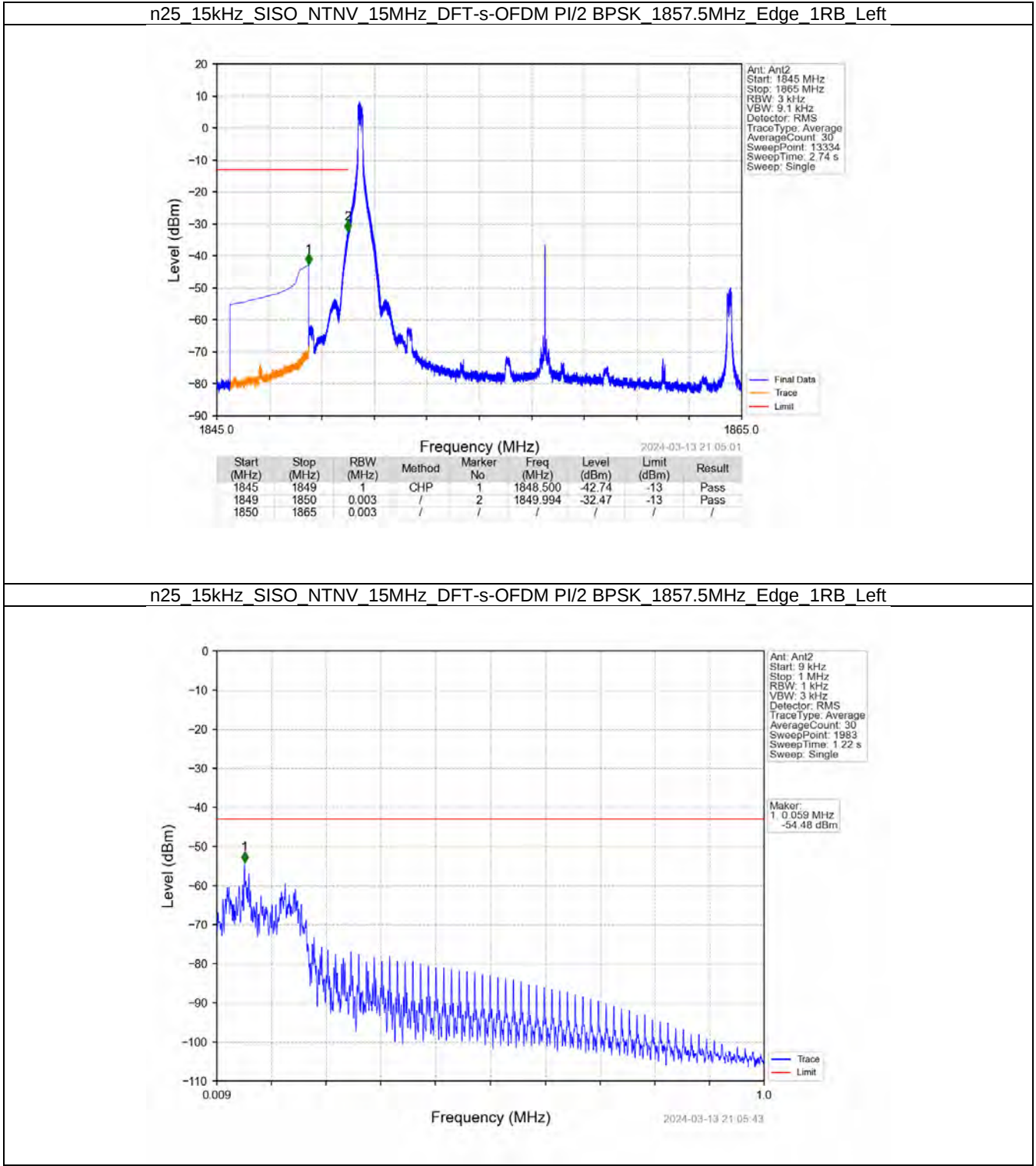


5.3 15k_SISO_15MHz_NTNV

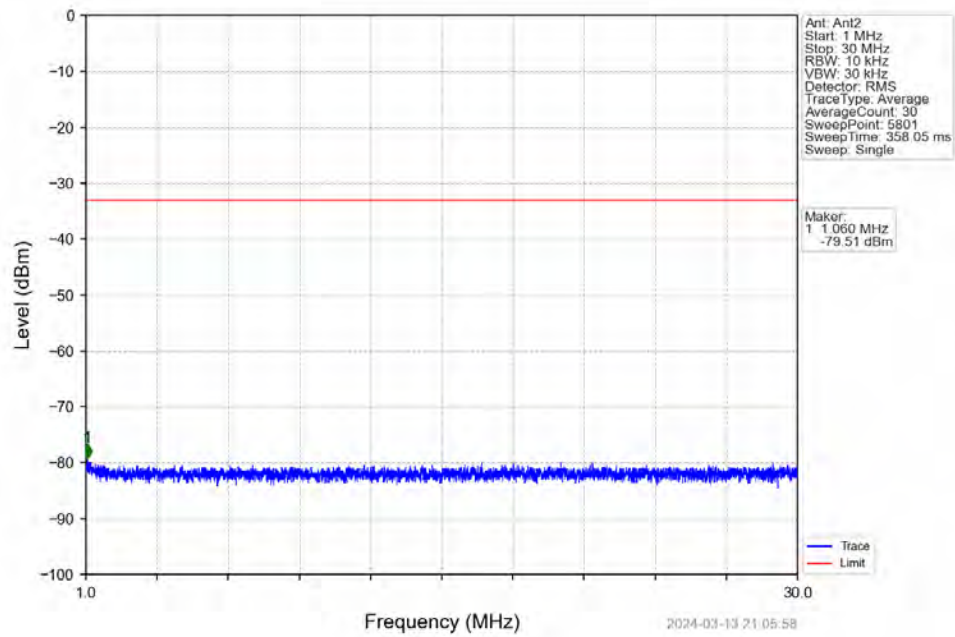
5.3.1 Test Result

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

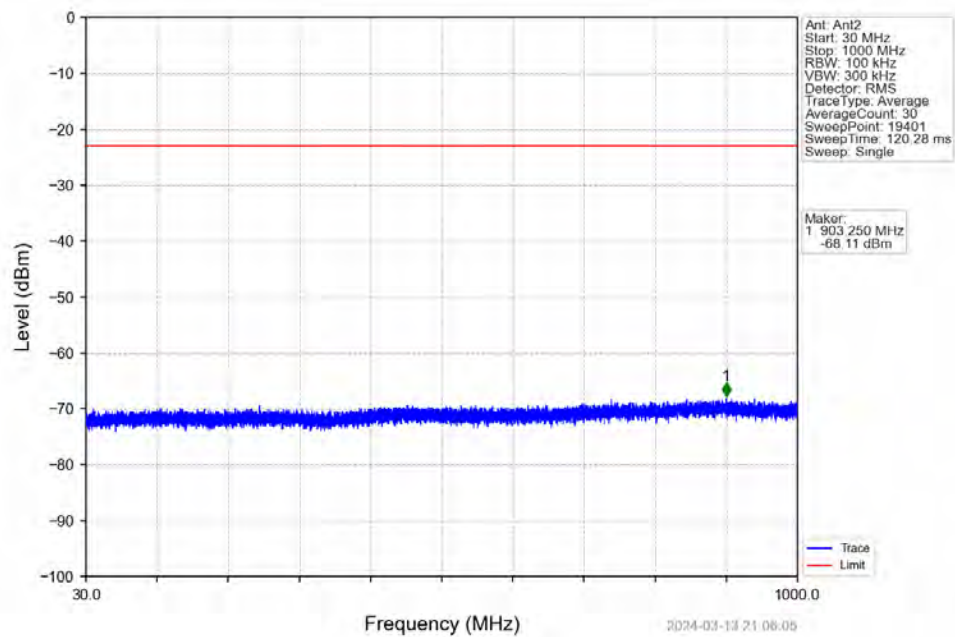
5.3.2 Test Graph



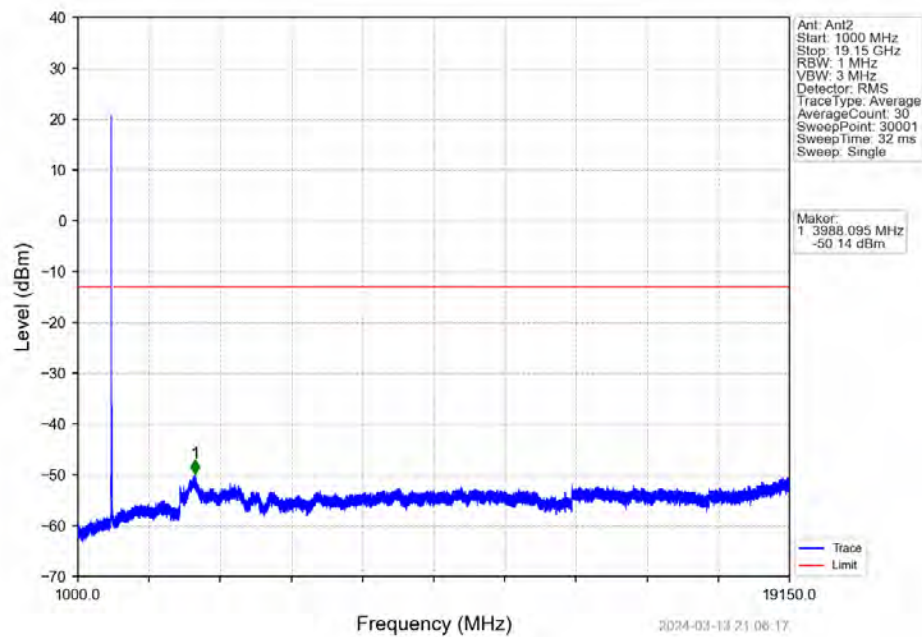
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1857.5MHz Edge 1RB Left



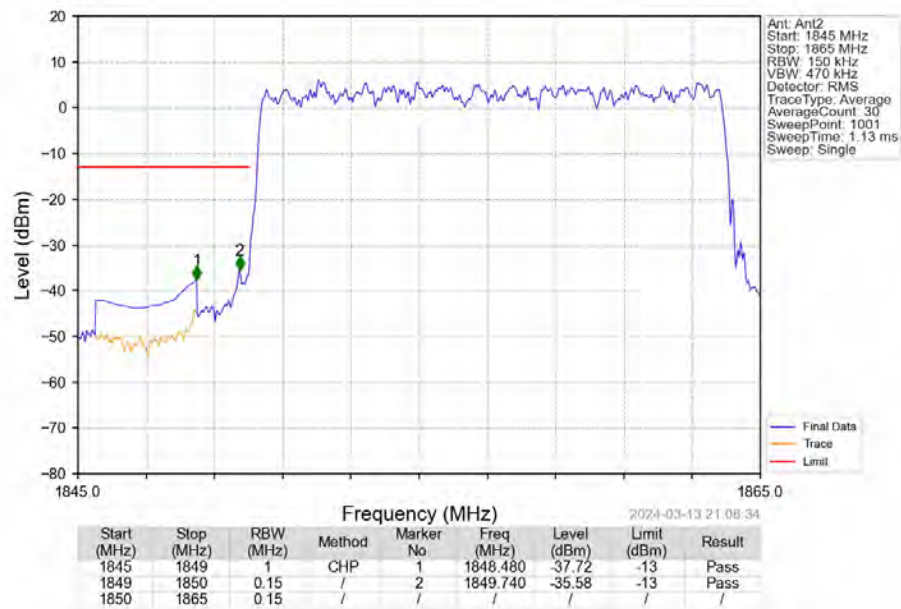
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1857.5MHz Edge 1RB Left



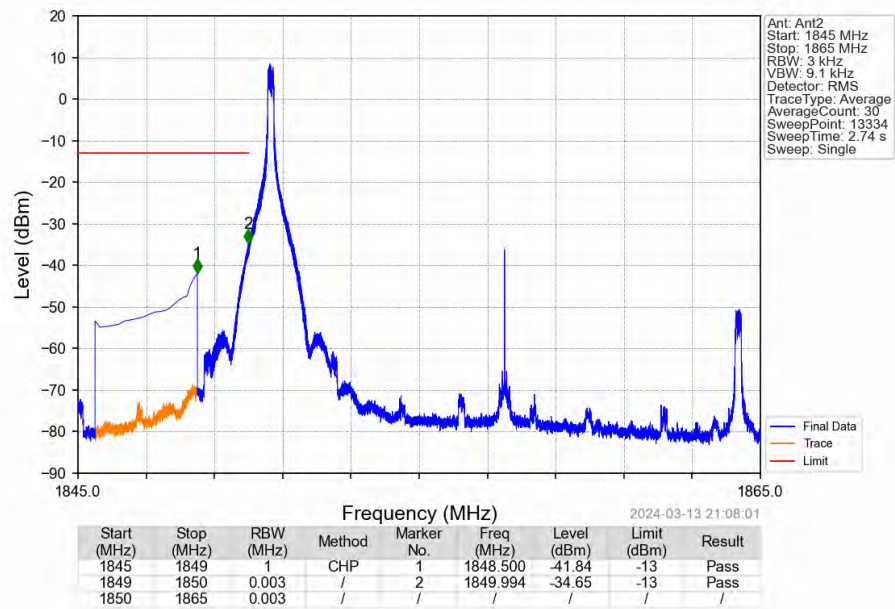
n25 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 1857.5MHz Edge 1RB Left



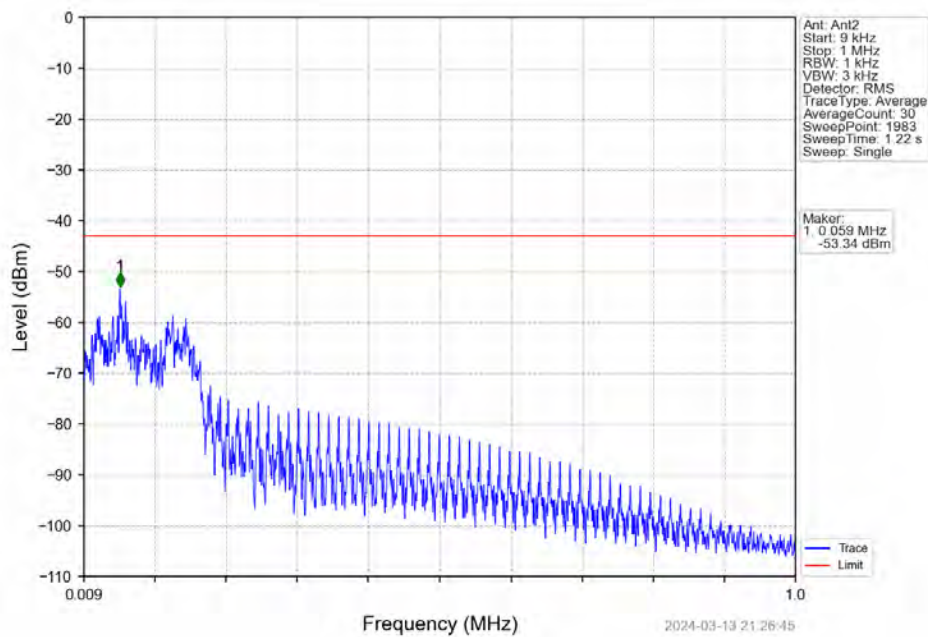
n25 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 1857.5MHz Outer Full



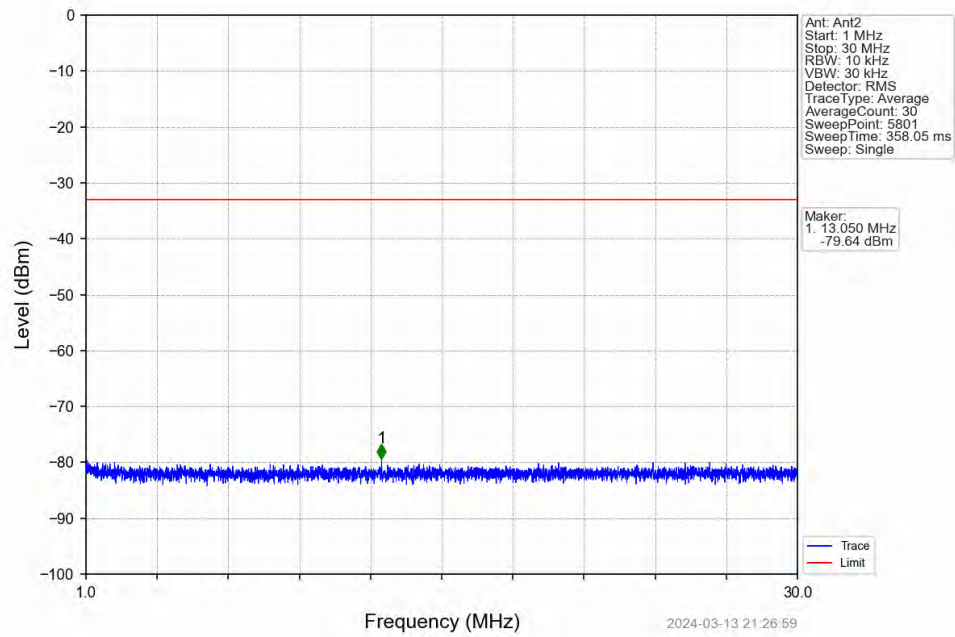
n25 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 1857.5MHz Inner 1RB Left



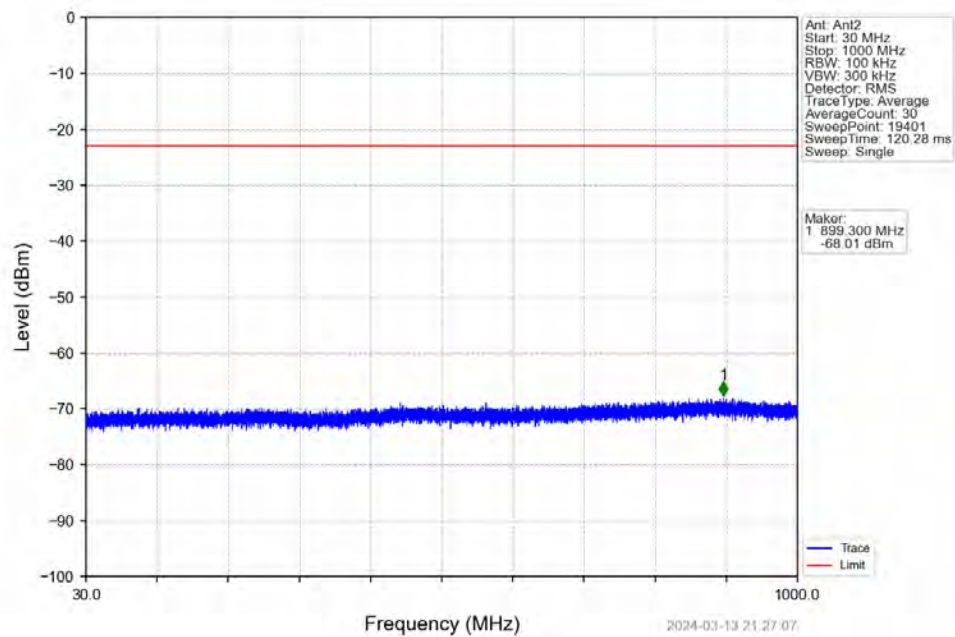
n25 15kHz SISO NTV 15MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



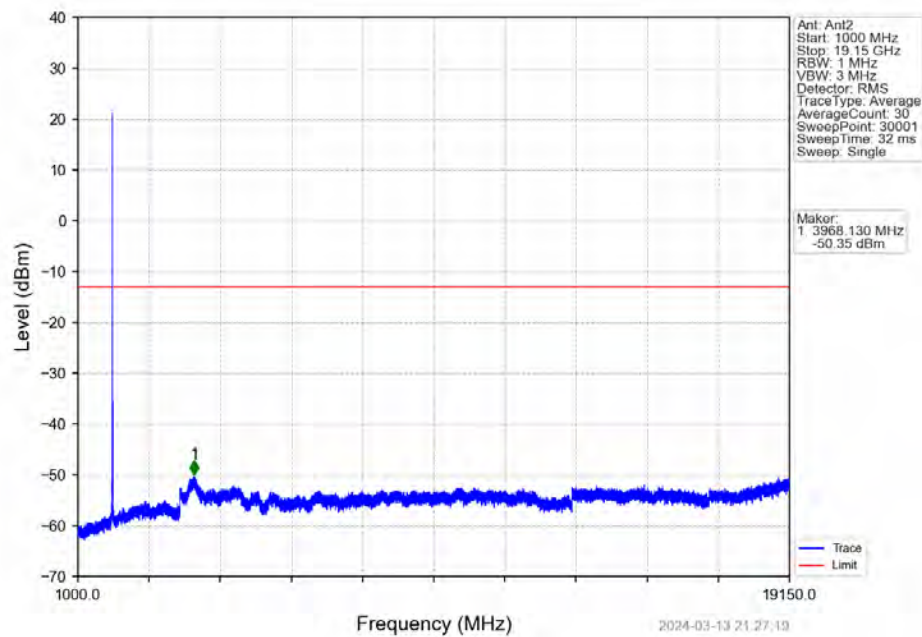
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



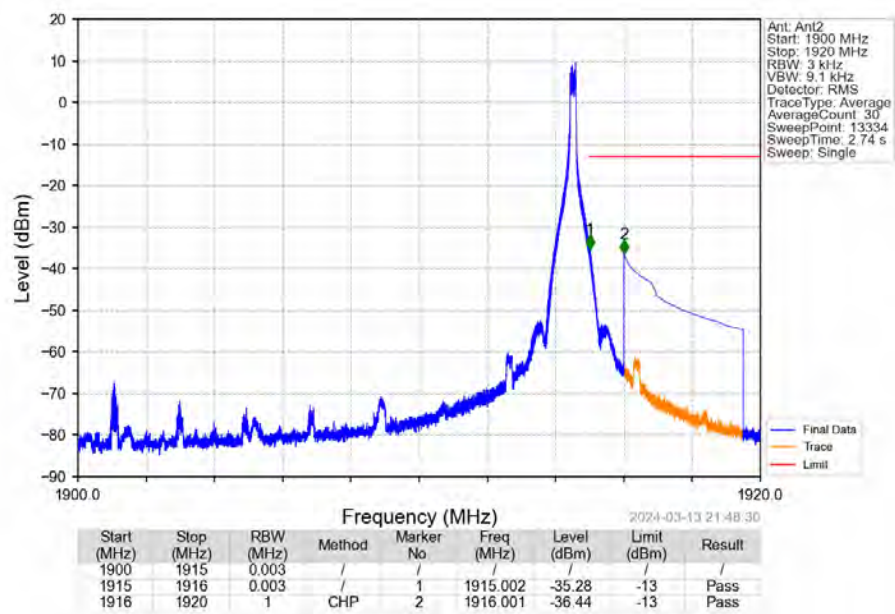
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



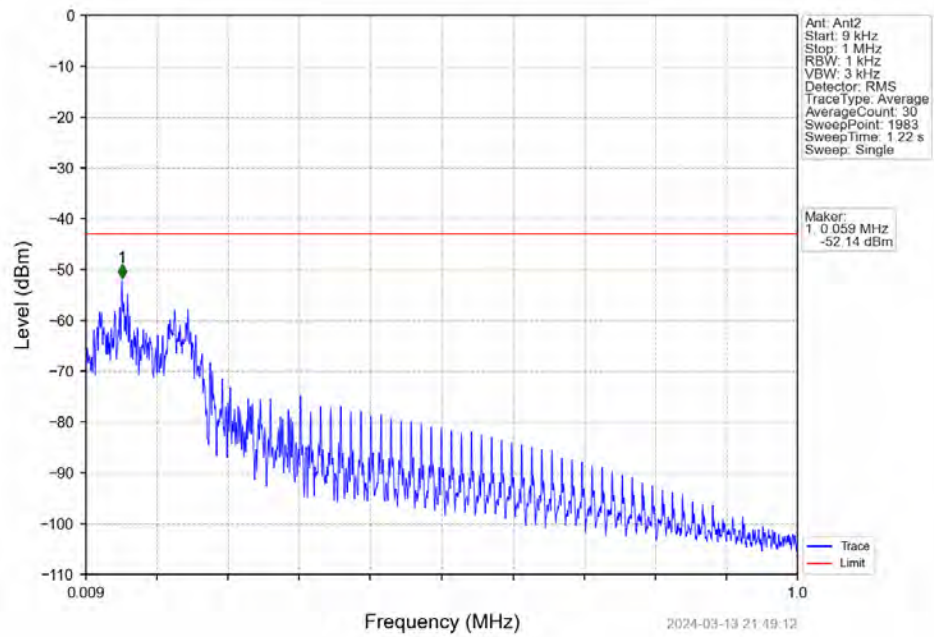
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



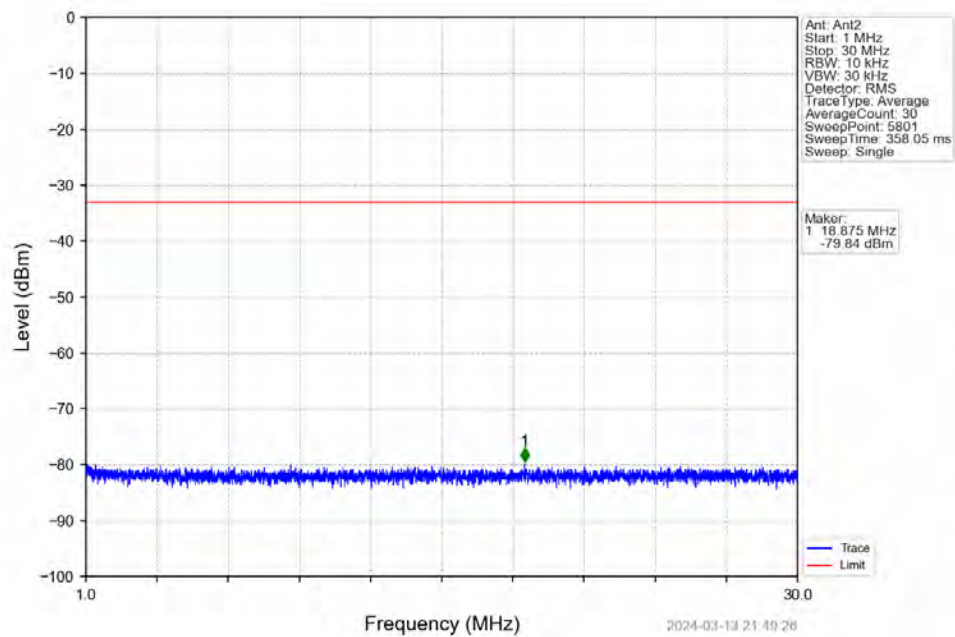
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right



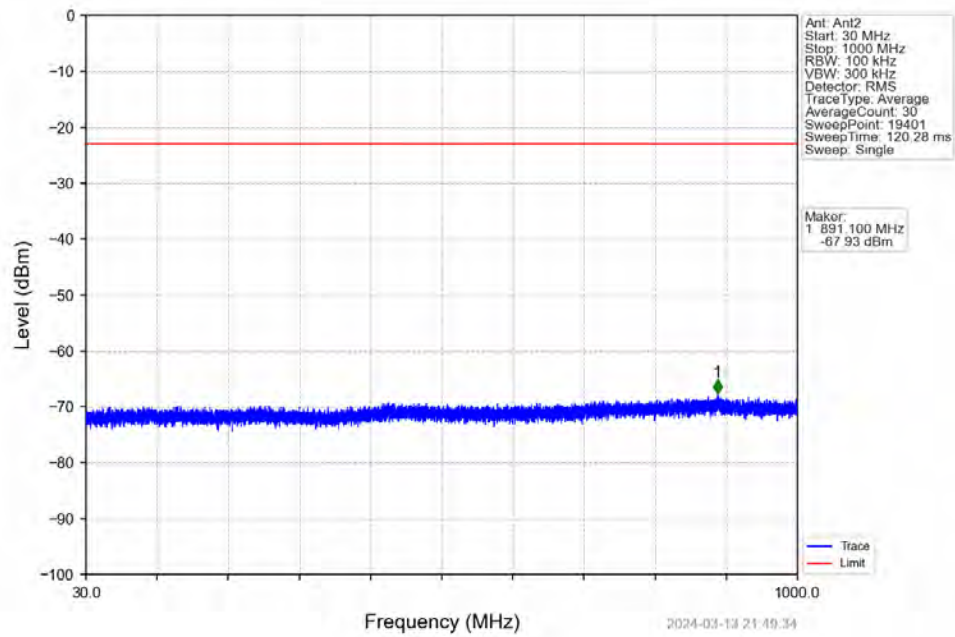
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right



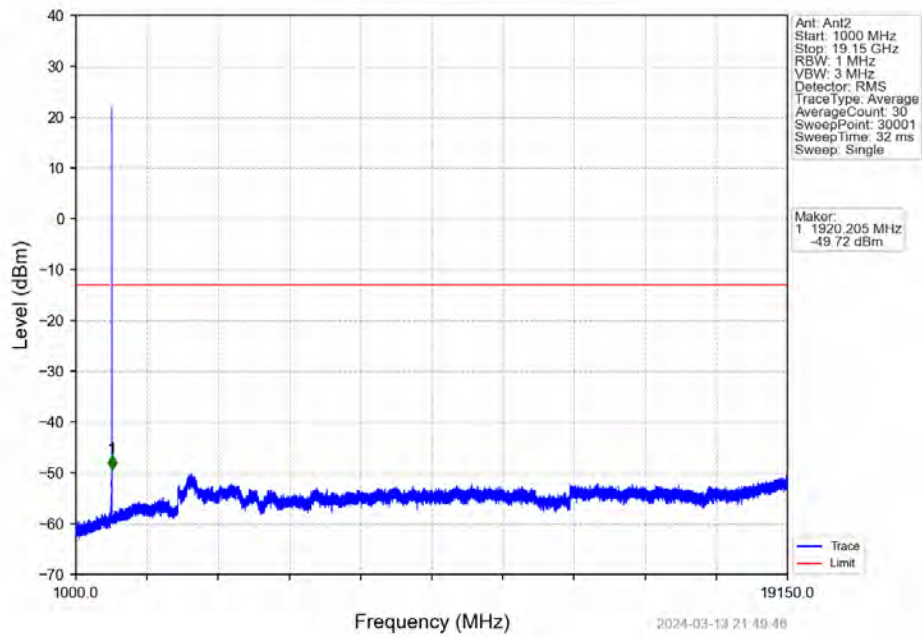
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right



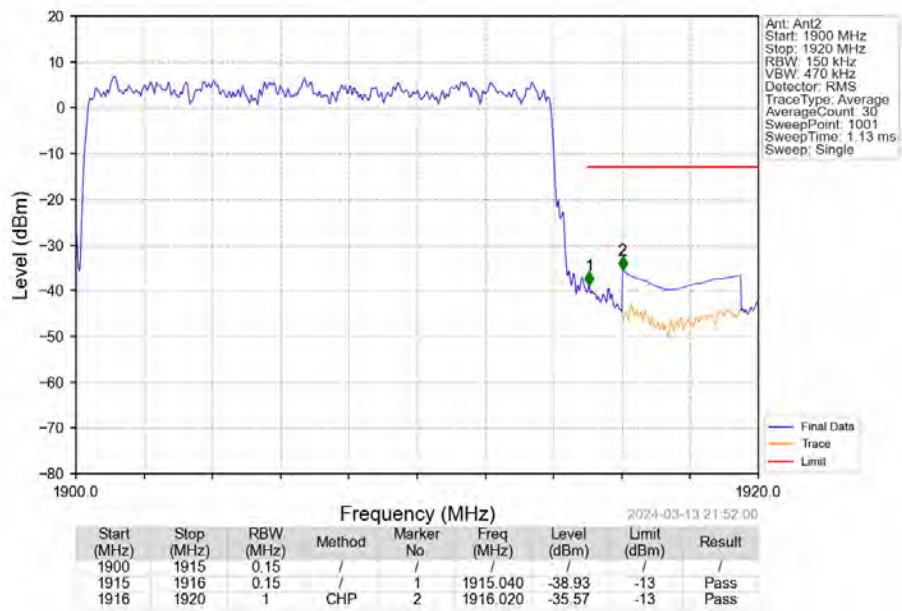
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right



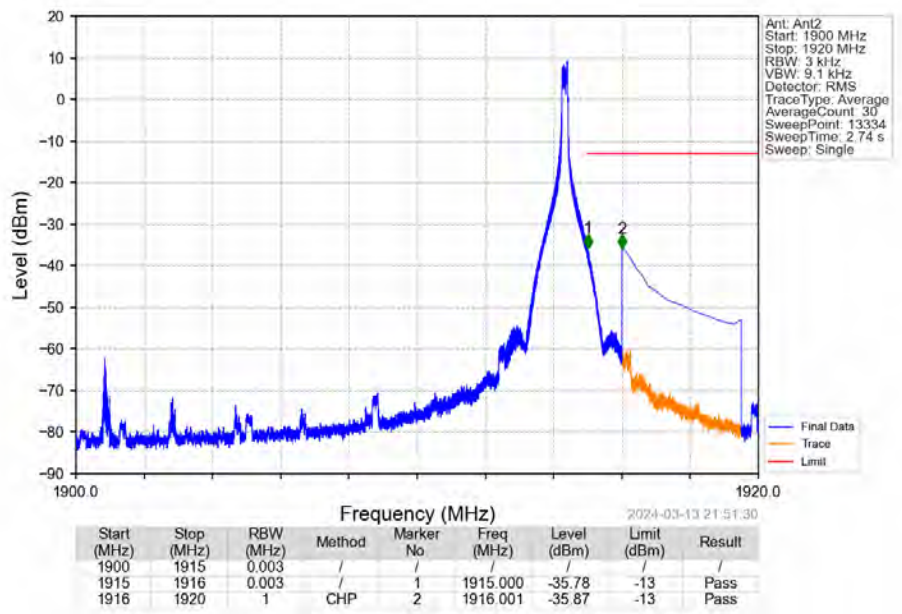
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Edge 1RB Right



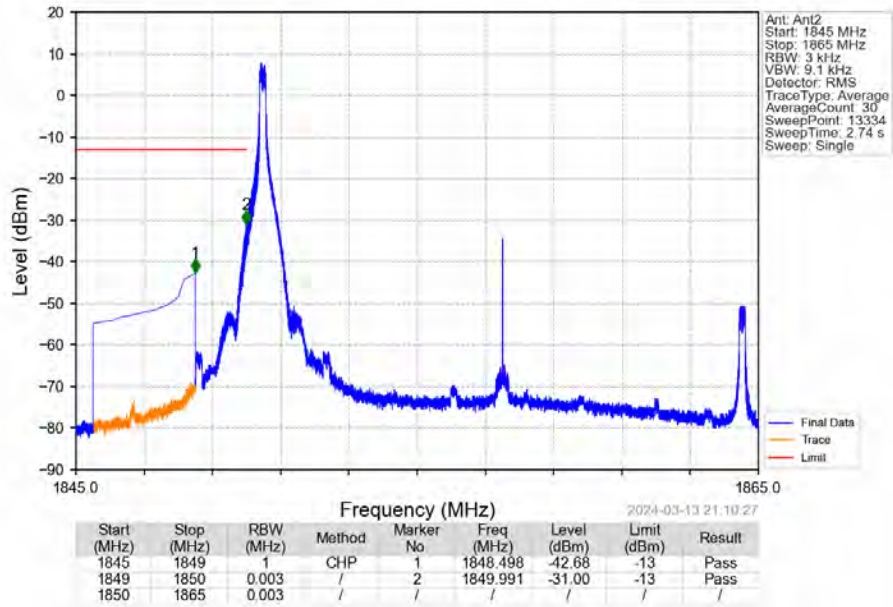
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Outer Full



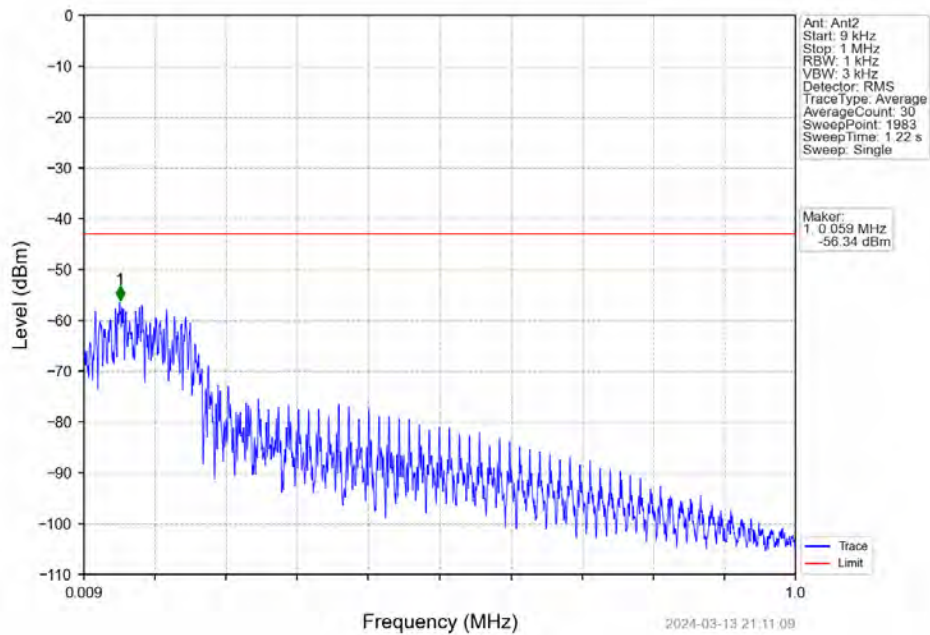
n25 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 1907.5MHz Inner 1RB Right



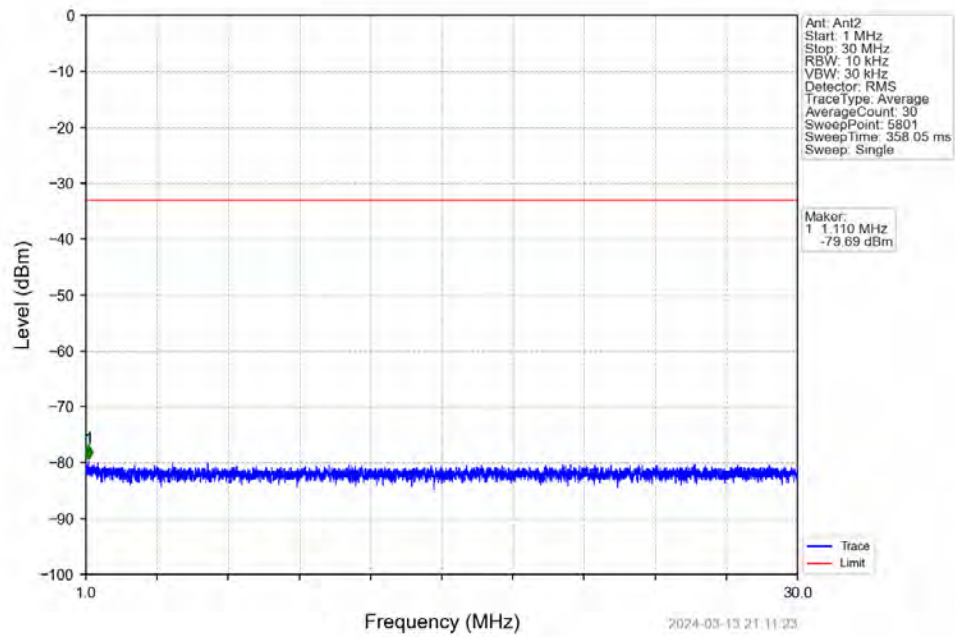
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left



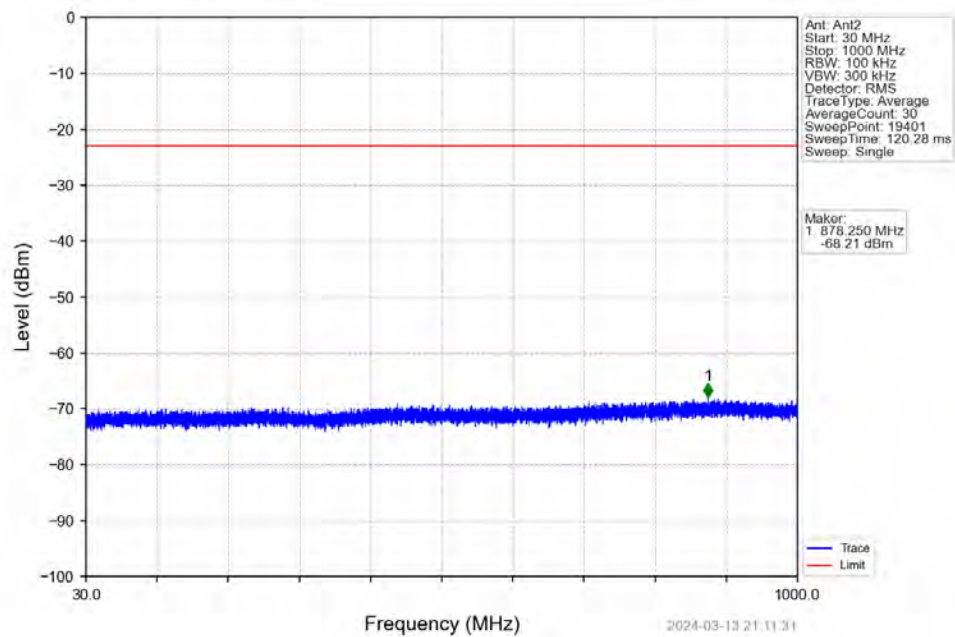
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left



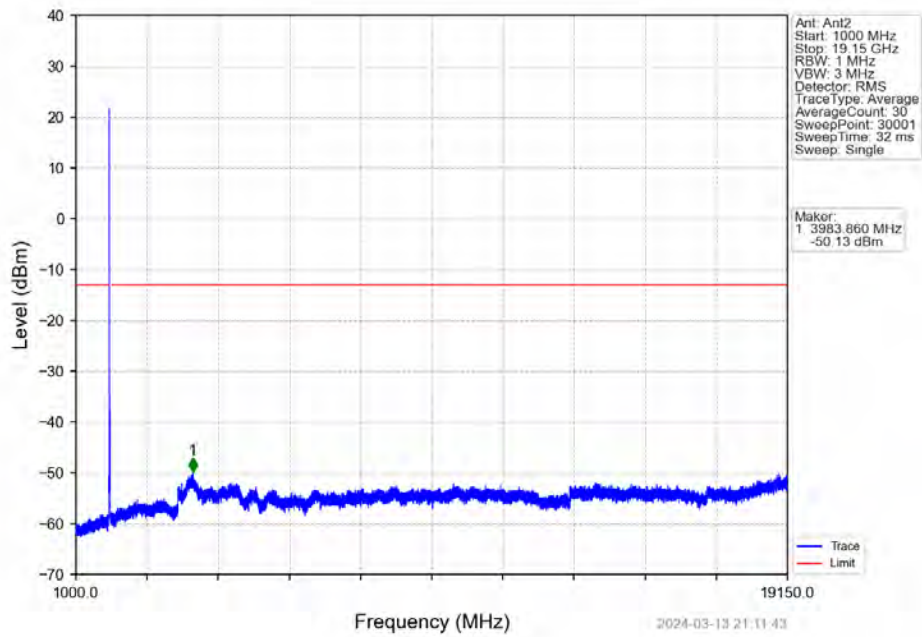
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left



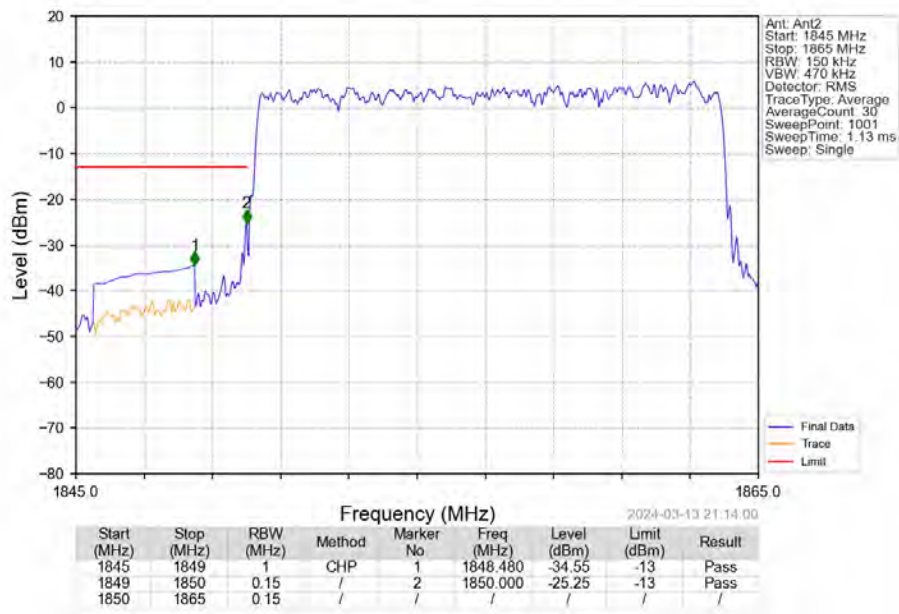
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left



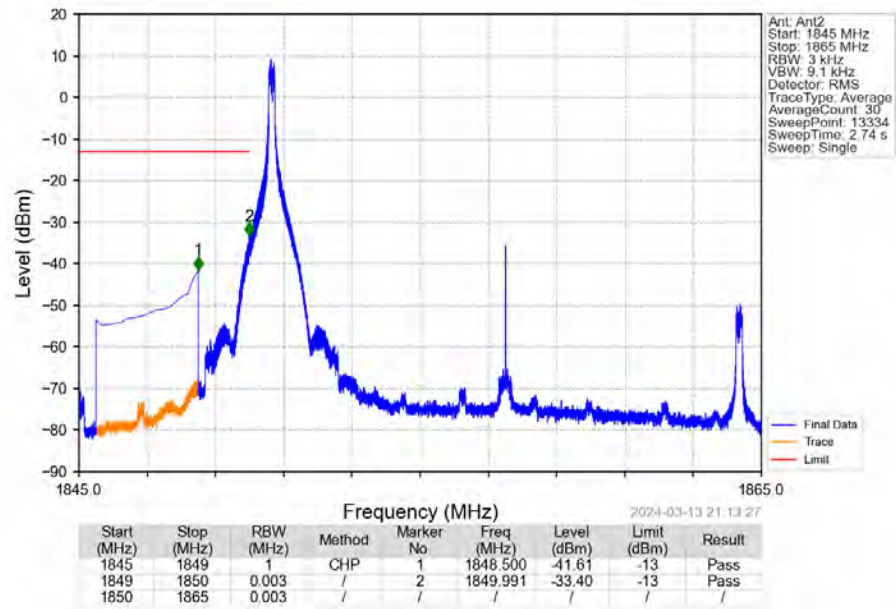
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Edge 1RB Left



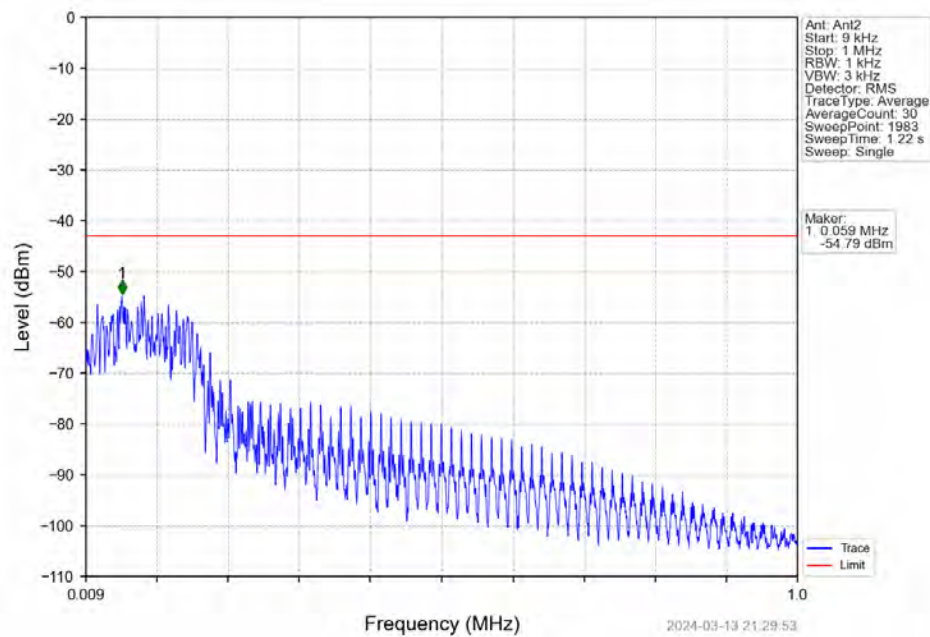
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Outer Full



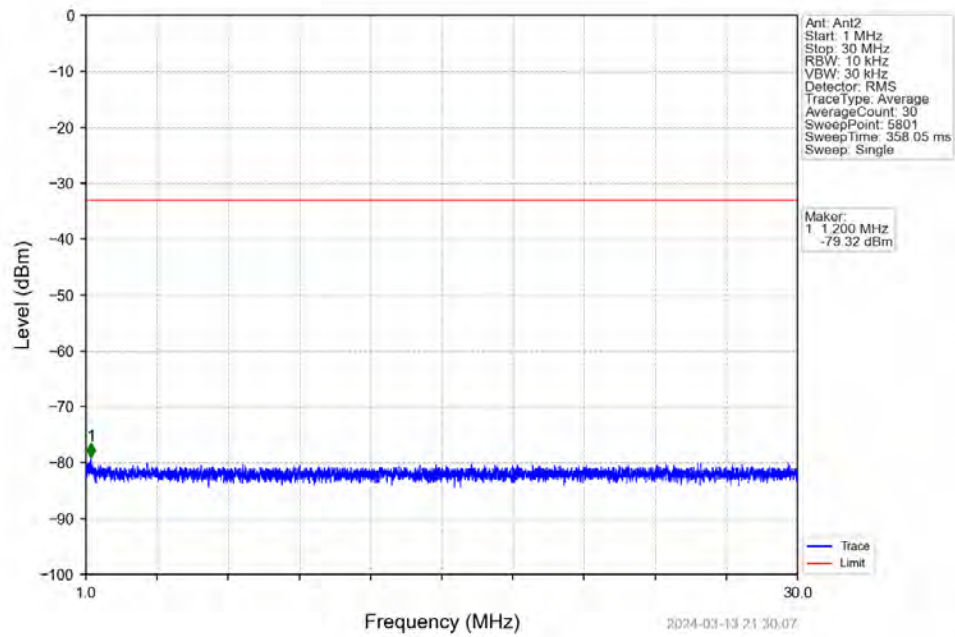
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1857.5MHz Inner 1RB Left



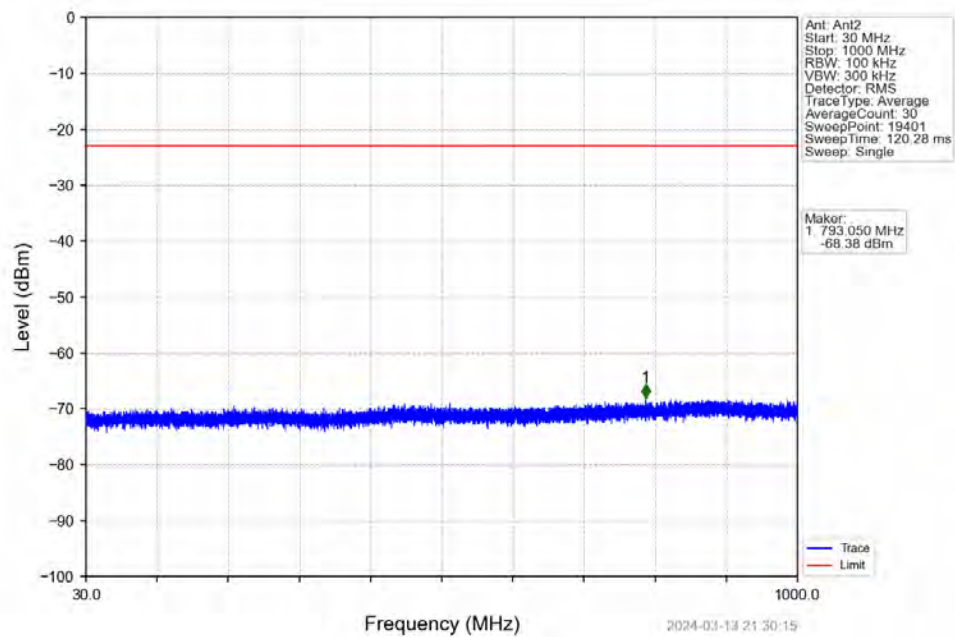
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



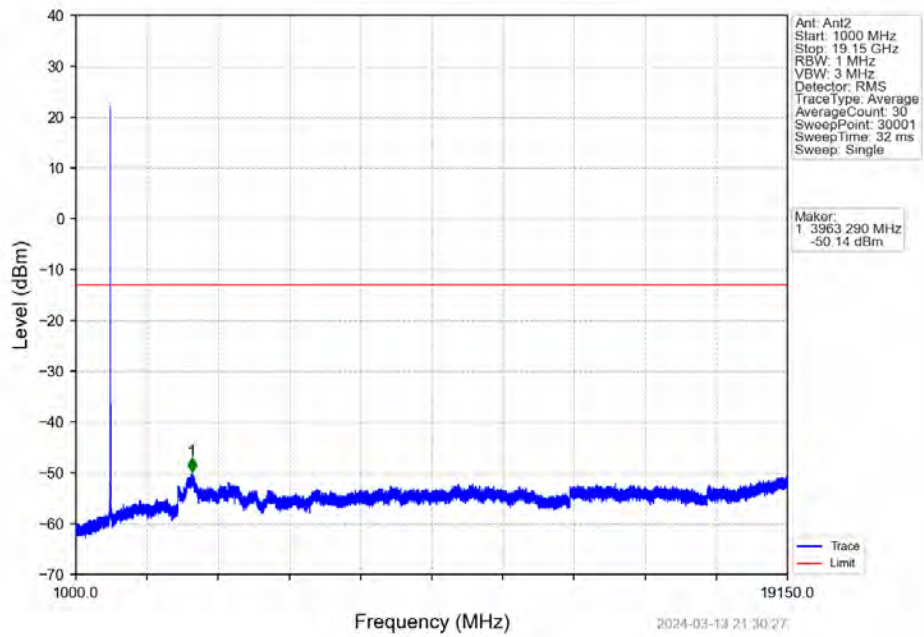
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



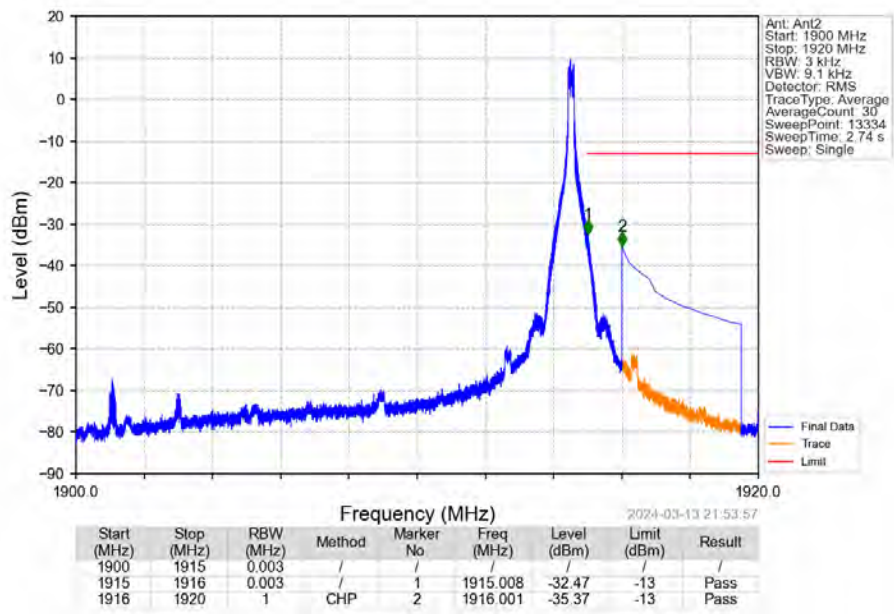
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



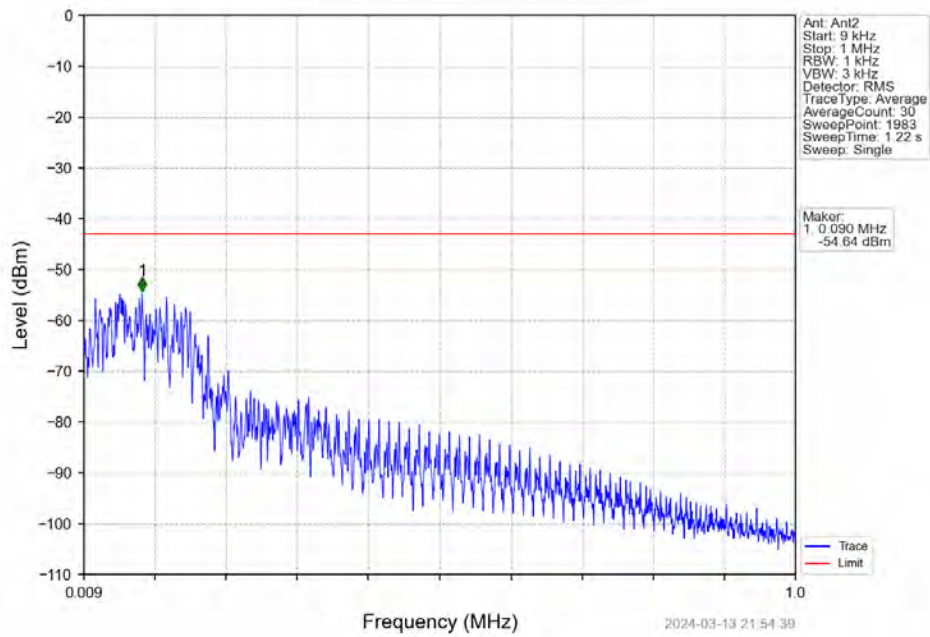
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



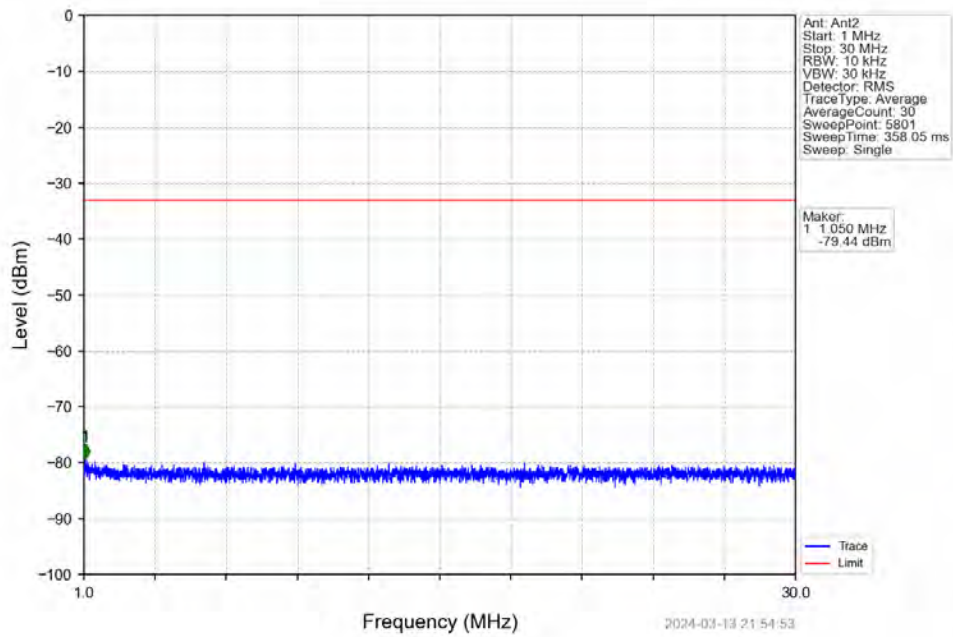
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right



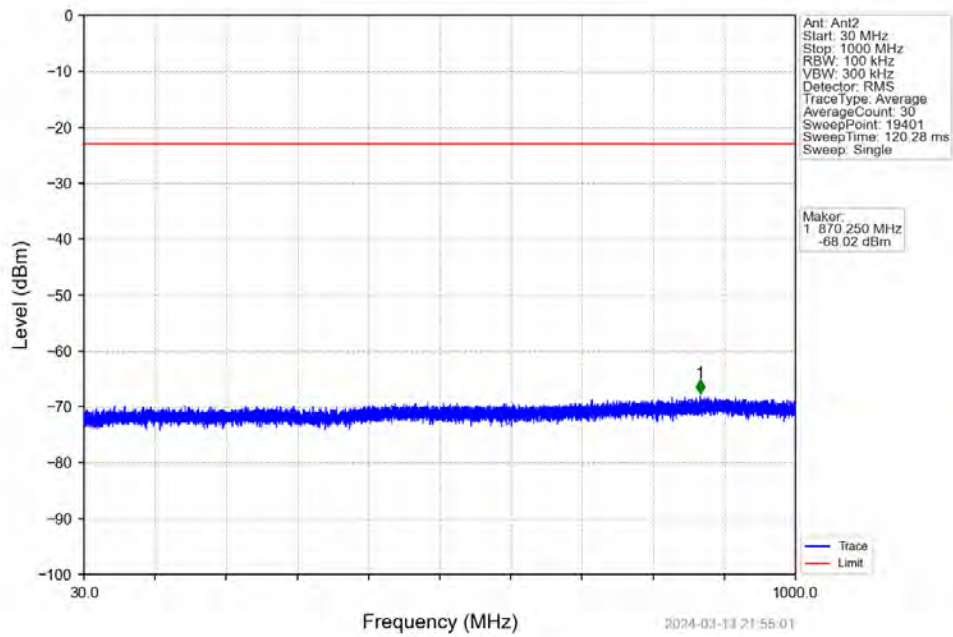
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right



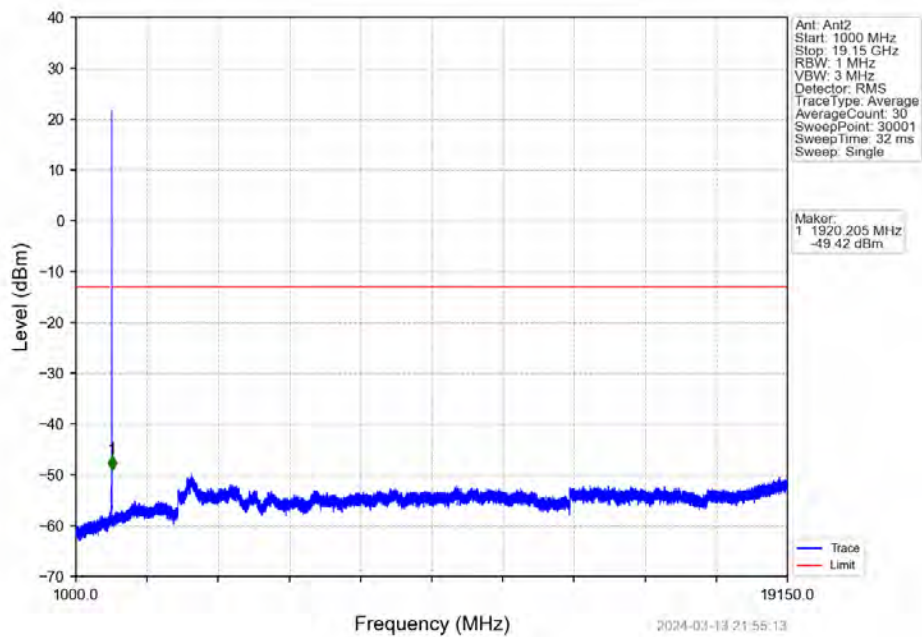
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right



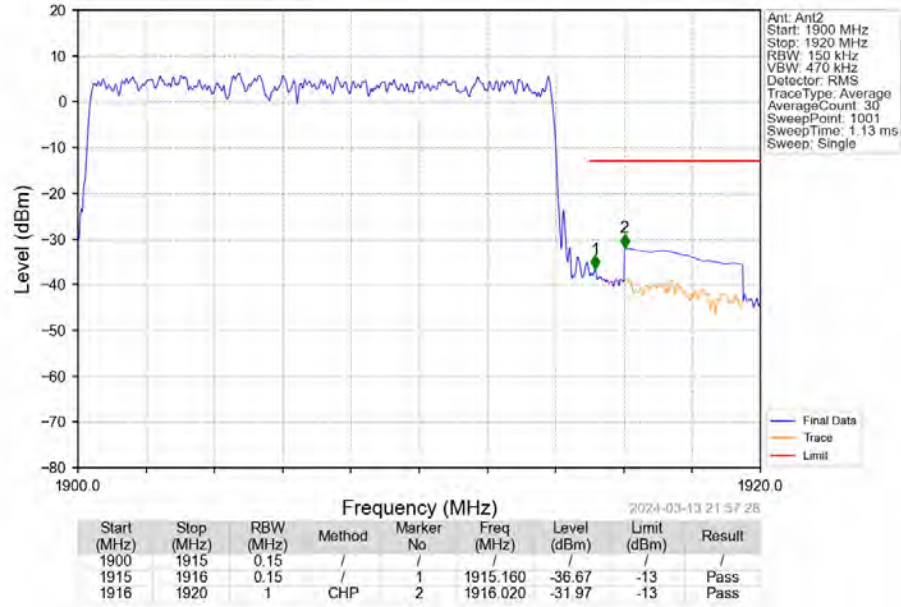
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right



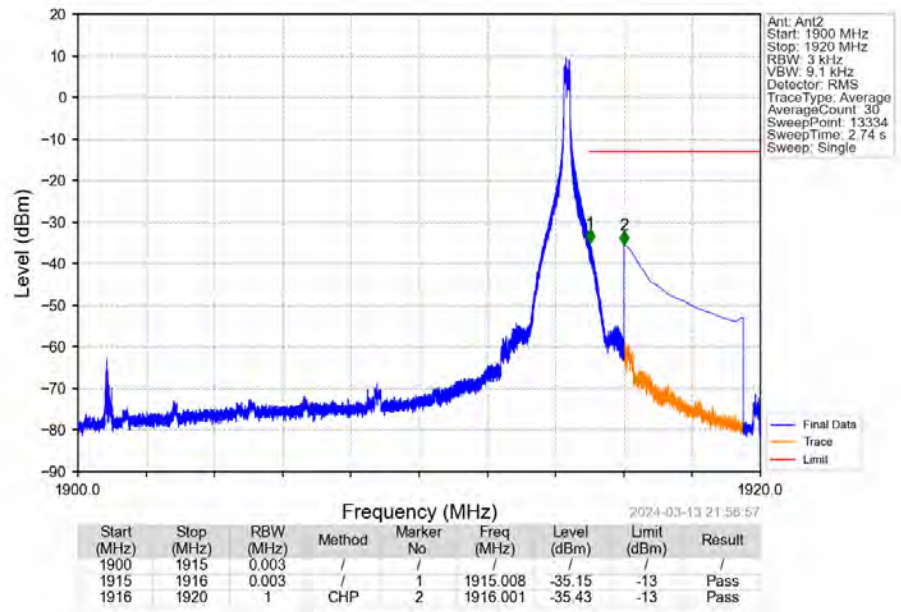
n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1907.5MHz Edge 1RB Right



n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1907.5MHz Outer Full



n25 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 1907.5MHz Inner 1RB Right

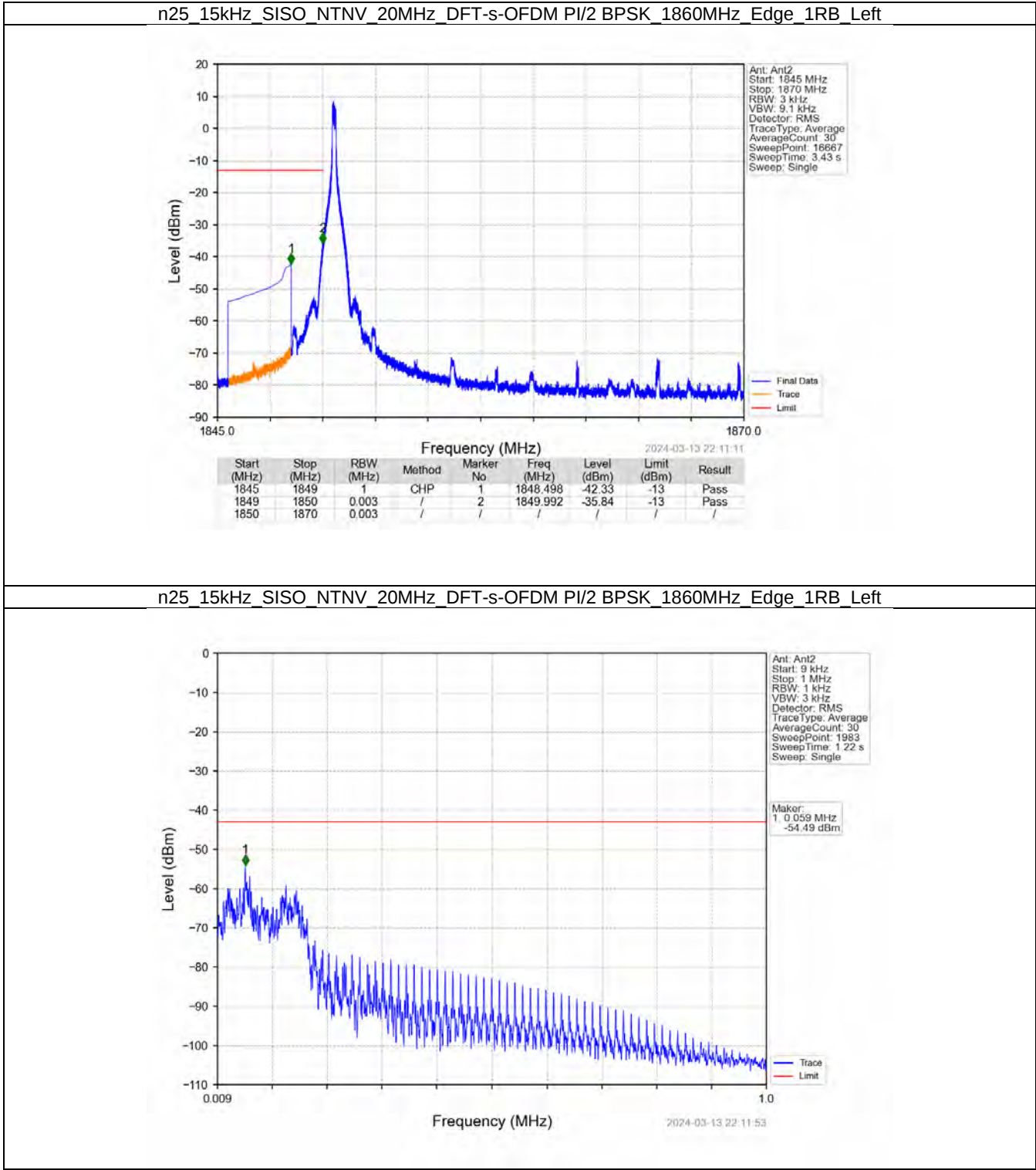


5.4 15k_SISO_20MHz_NTNV

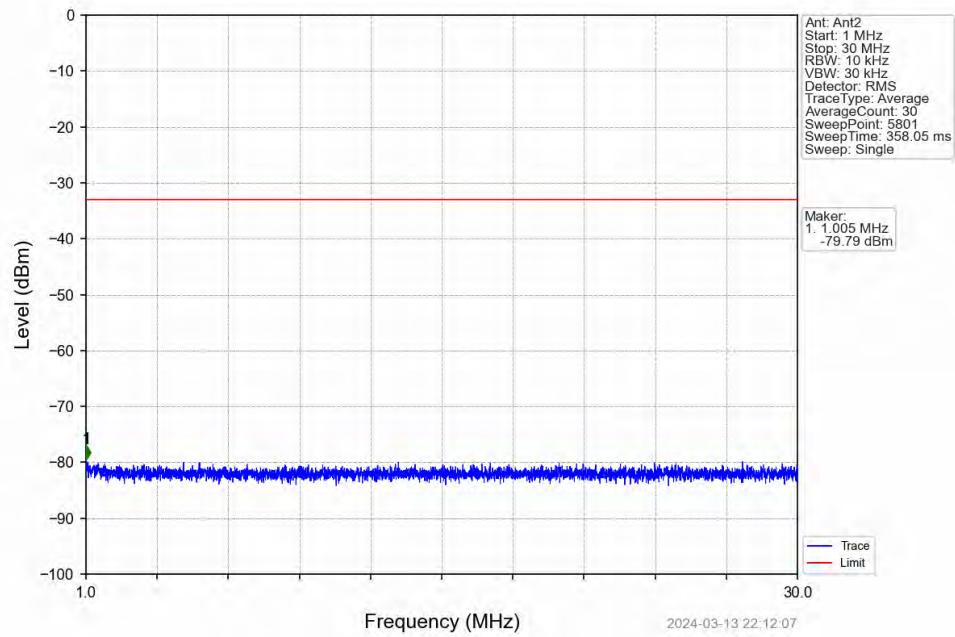
5.4.1 Test Result

5G NR n25 SCS=15kHz SISO 20MHz NTN									
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict		
			Ant2	Ant2*	Sum	Limit			
DFT-s-OFDM PI/2 BPSK	1860	Edge_1RB_Left	Refer To Test Graph				Pass		
		Outer_Full	Refer To Test Graph				Pass		
		Inner_1RB_Left	Refer To Test Graph				Pass		
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass		
		1905	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	1860	Edge_1RB_Left	Refer To Test Graph				Pass
				Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left	Refer To Test Graph				Pass				
1882.5	Edge_1RB_Left		Refer To Test Graph				Pass		
	1905		Edge_1RB_Right	Refer To Test Graph				Pass	
			Outer_Full	Refer To Test Graph				Pass	
			Inner_1RB_Right	Refer To Test Graph				Pass	

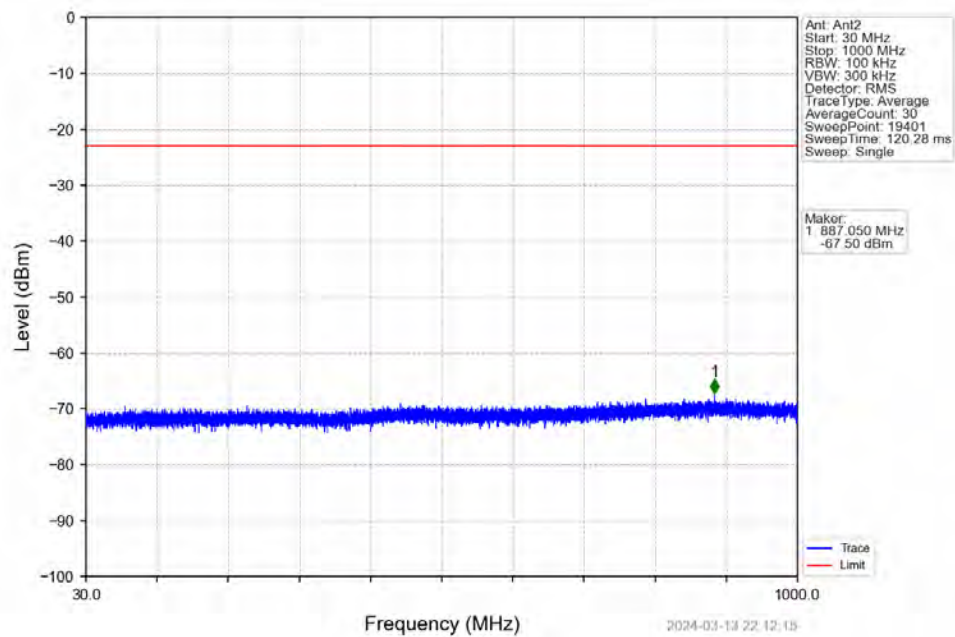
5.4.2 Test Graph



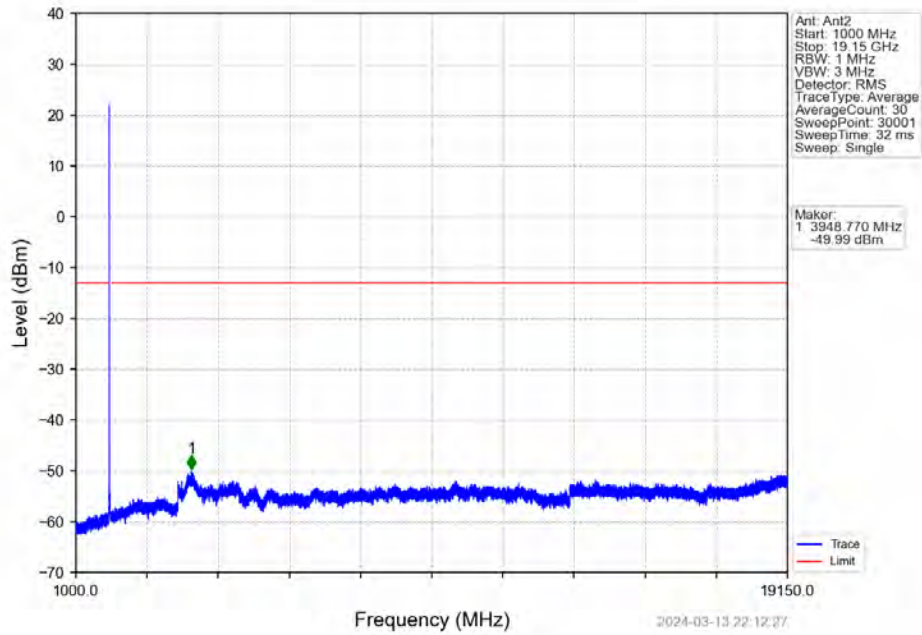
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1860MHz Edge 1RB Left



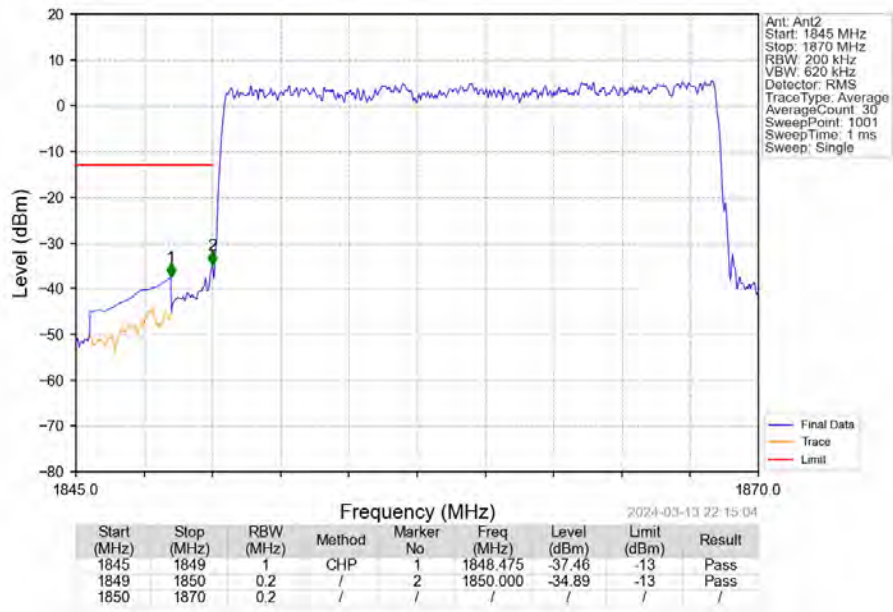
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1860MHz Edge 1RB Left



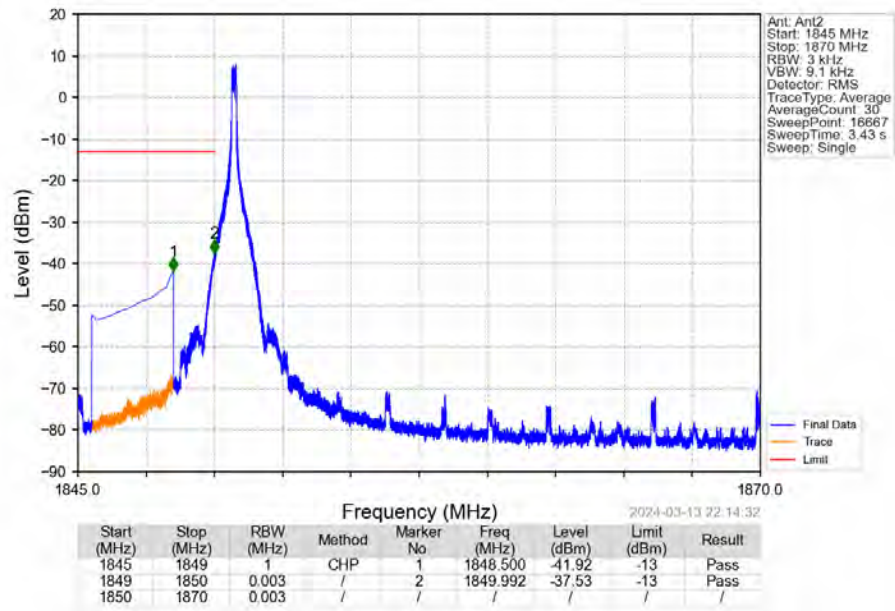
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1860MHz Edge 1RB Left



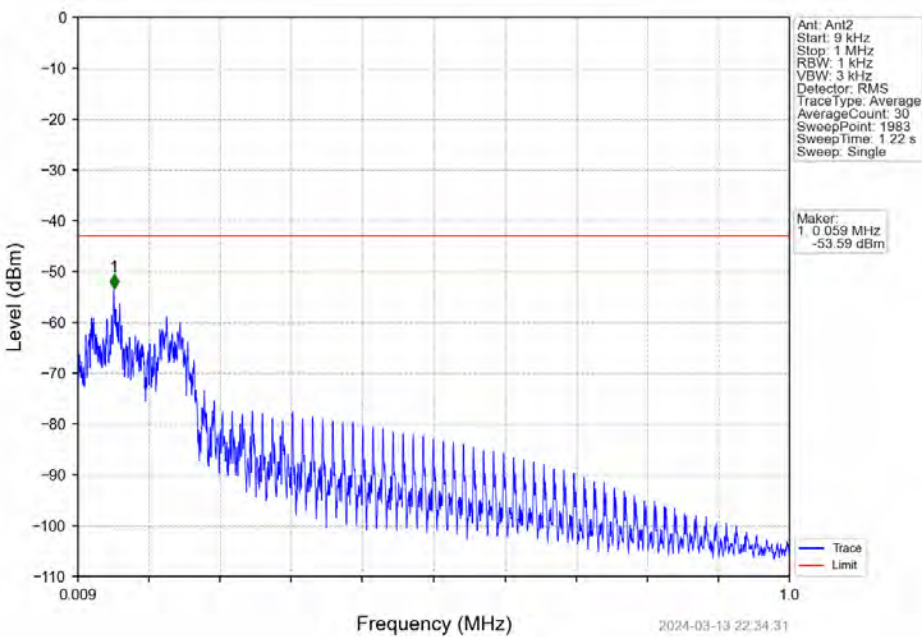
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1860MHz Outer Full



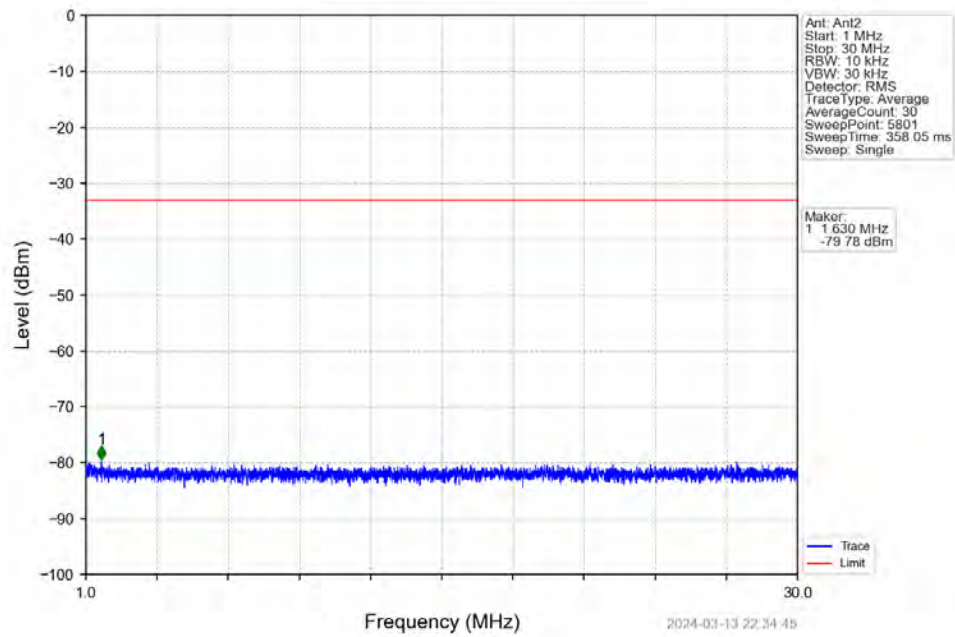
n25 15kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 1860MHz Inner 1RB Left



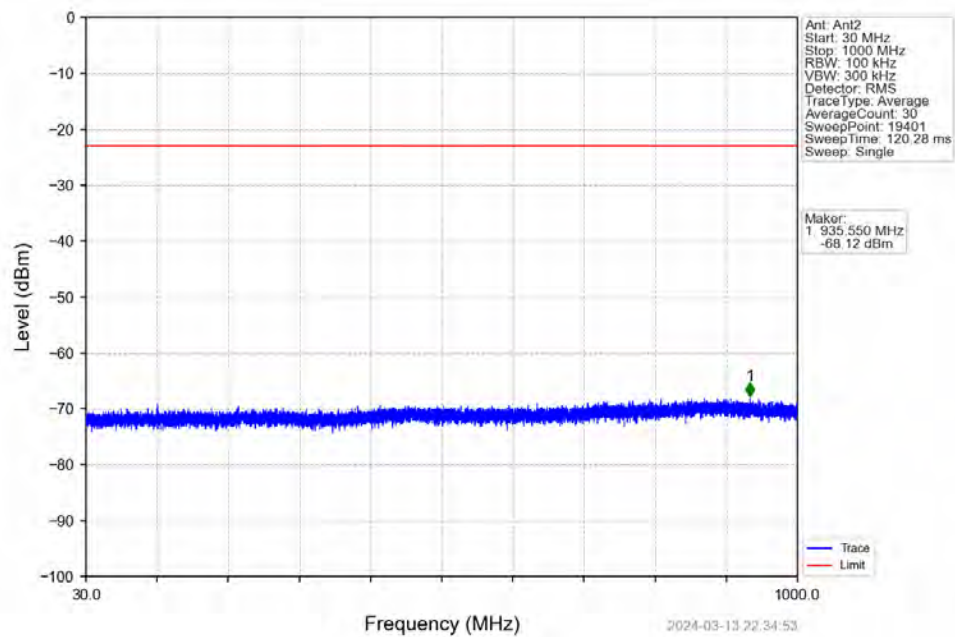
n25 15kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



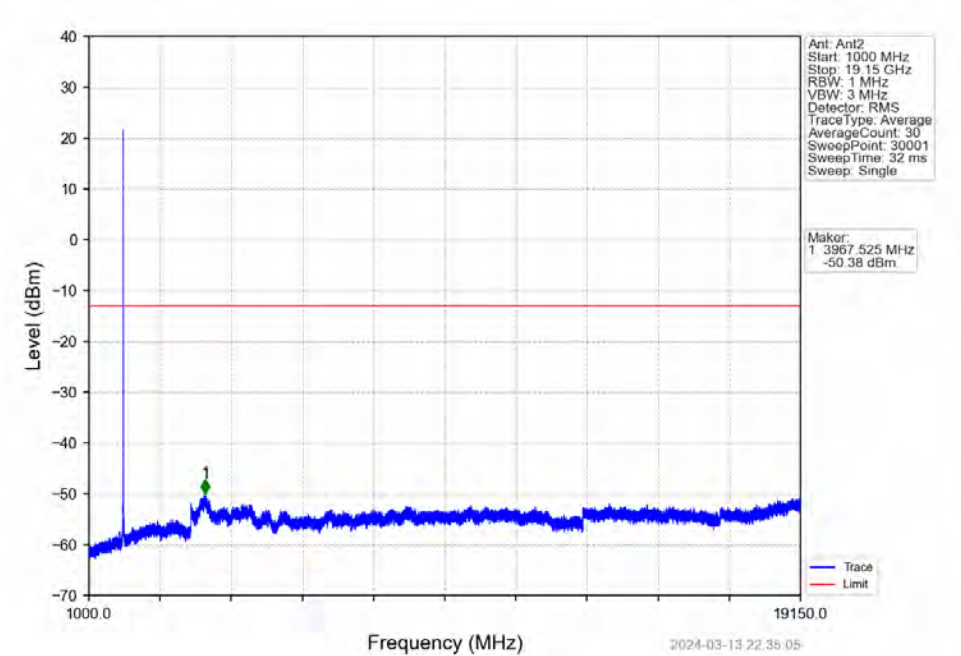
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



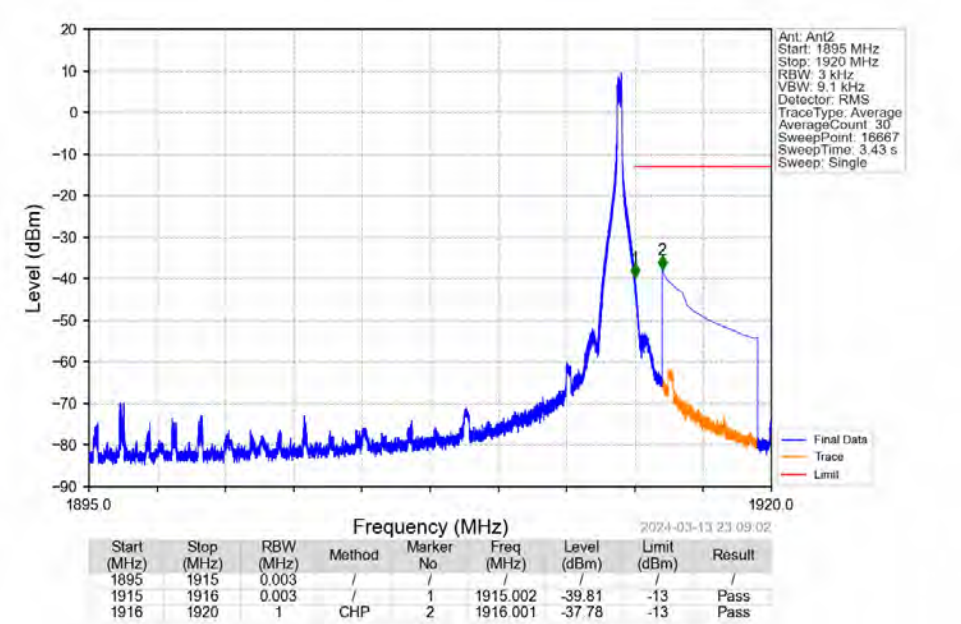
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



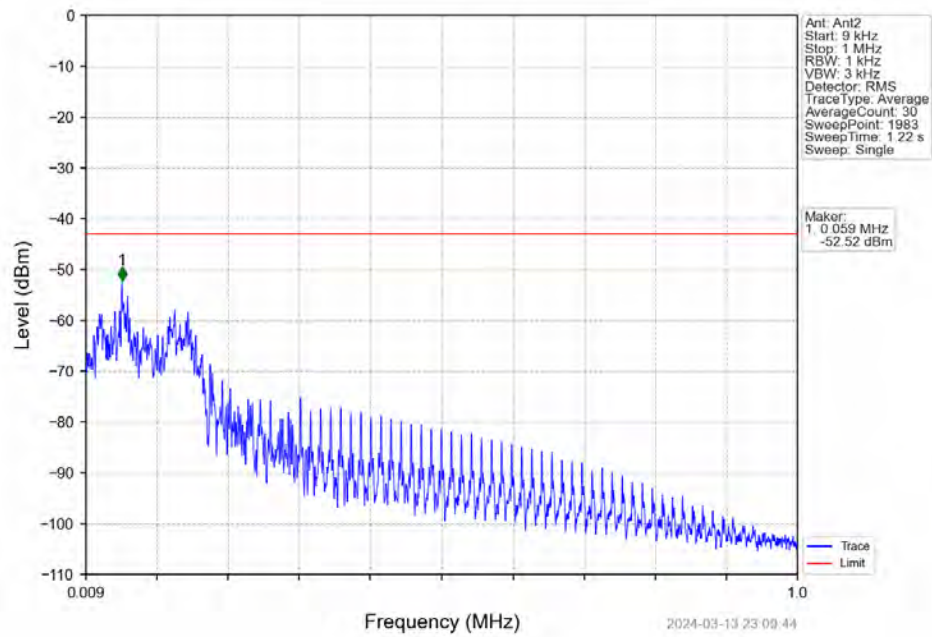
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



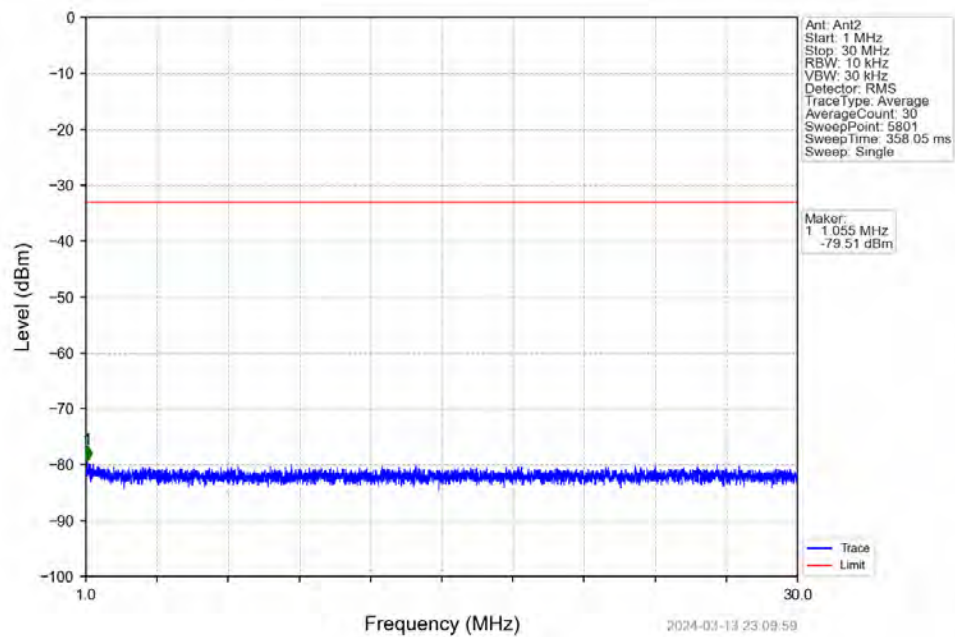
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1905MHz Edge 1RB Right



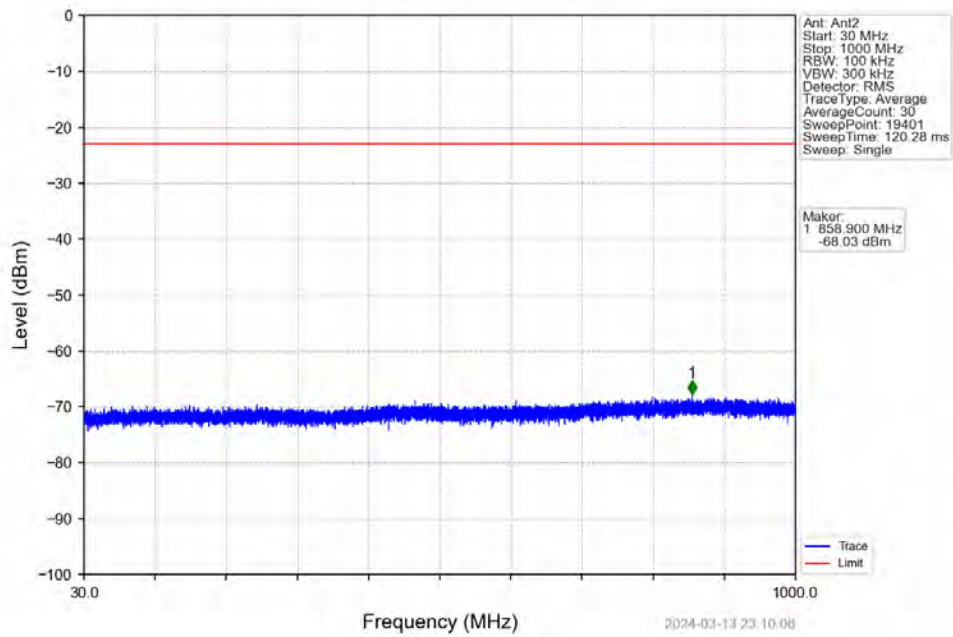
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1905MHz Edge 1RB Right



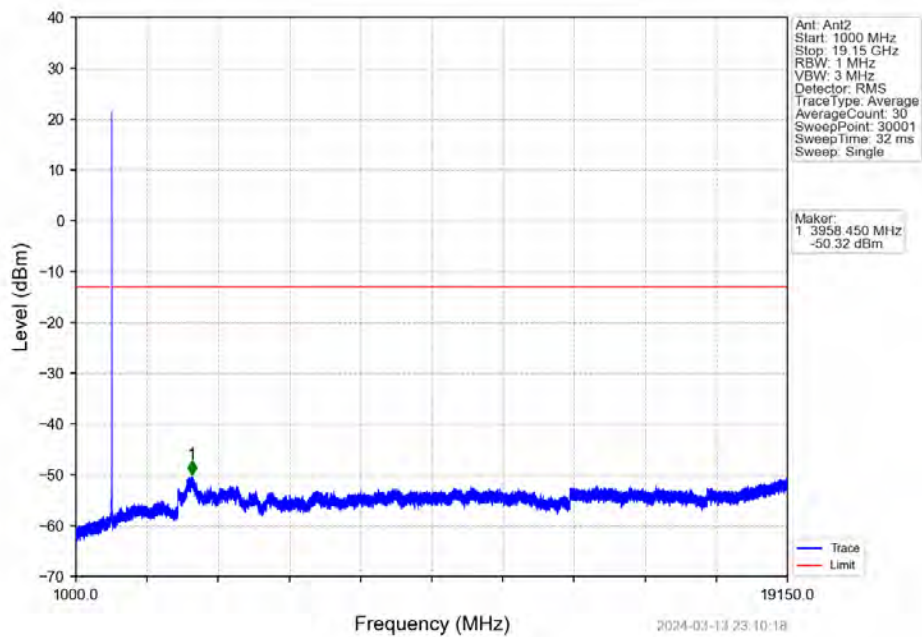
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1905MHz Edge 1RB Right



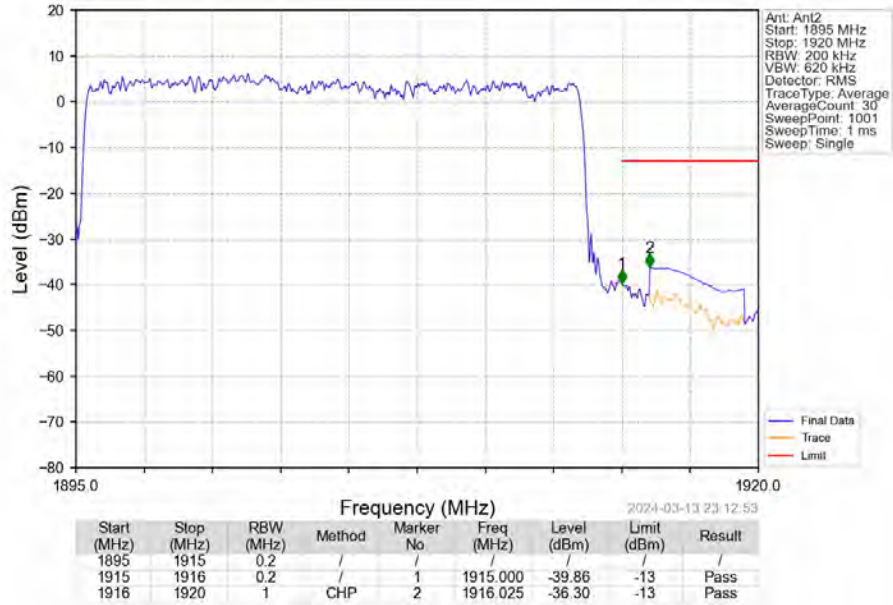
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1905MHz Edge 1RB Right



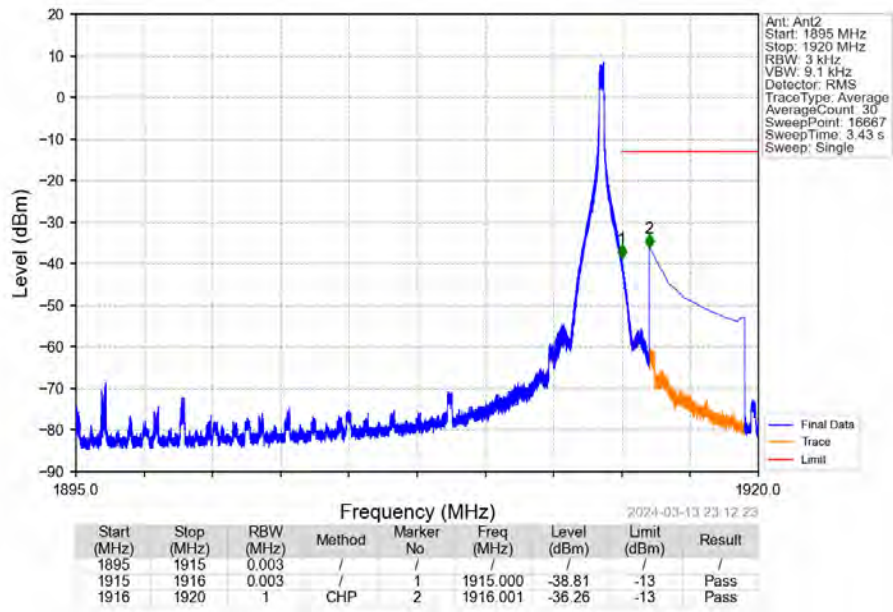
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1905MHz Edge 1RB Right



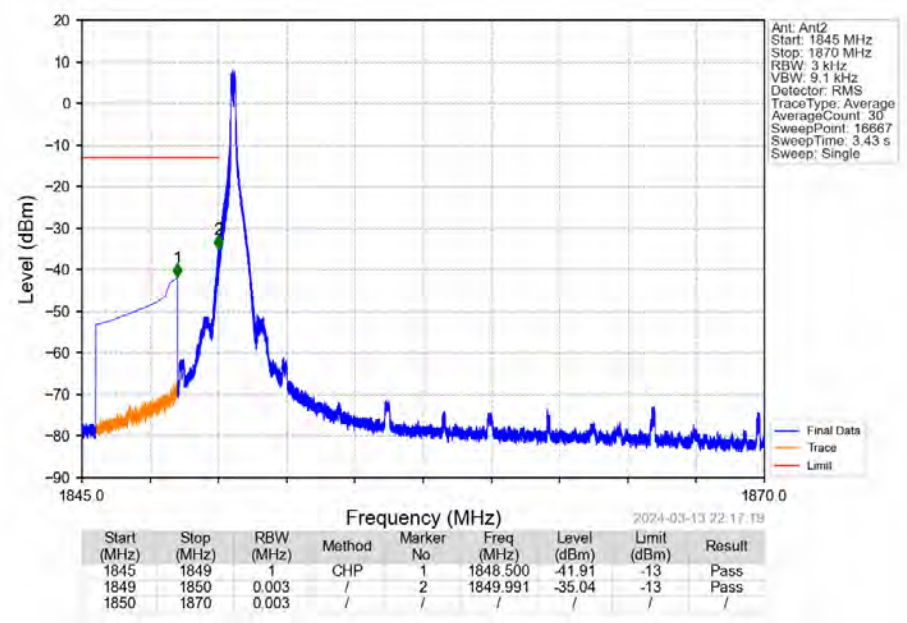
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1905MHz Outer Full



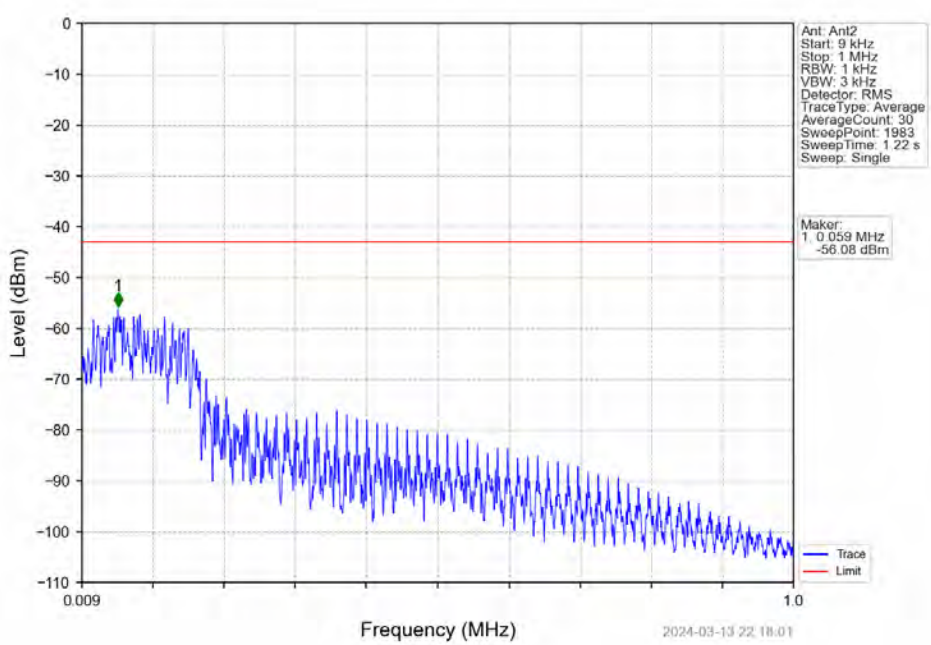
n25 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 1905MHz Inner 1RB Right



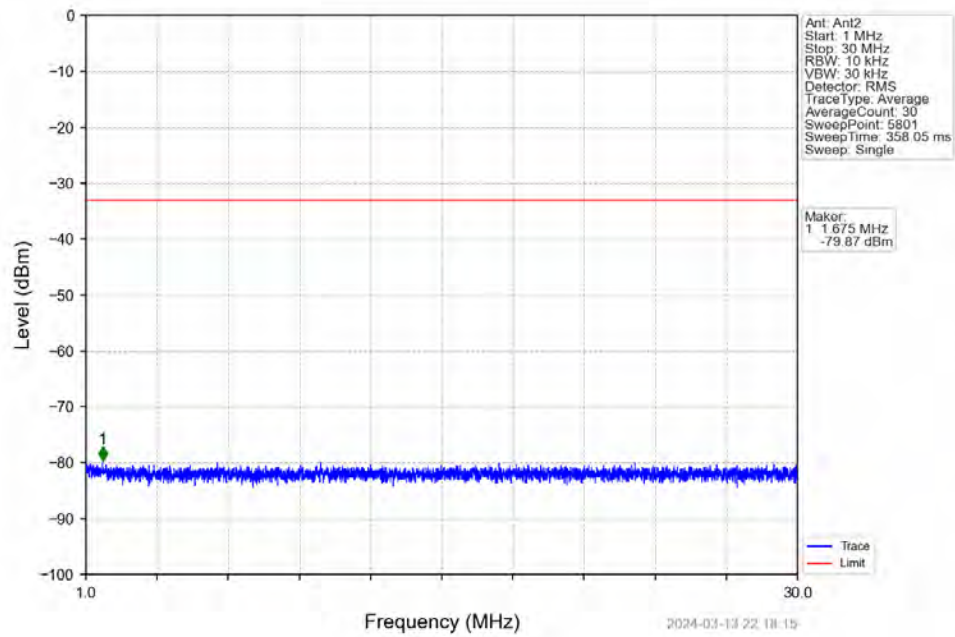
n25 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left



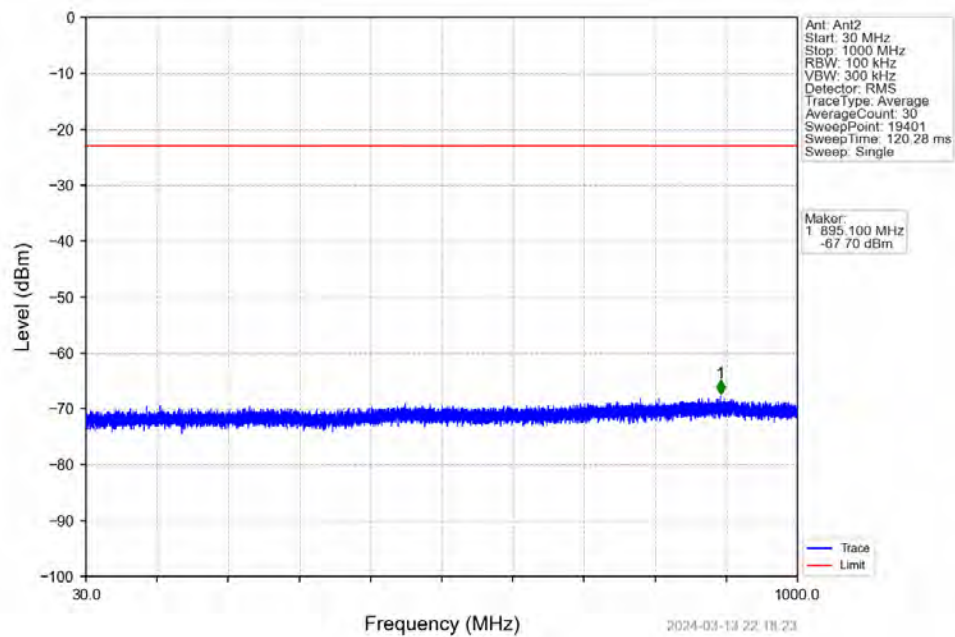
n25 15kHz SISO NTV 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left



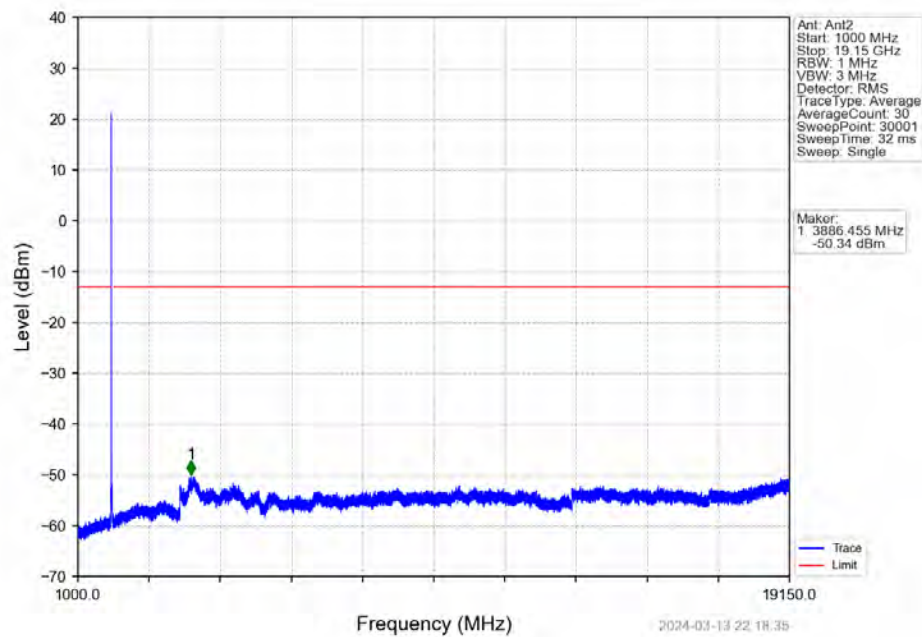
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left



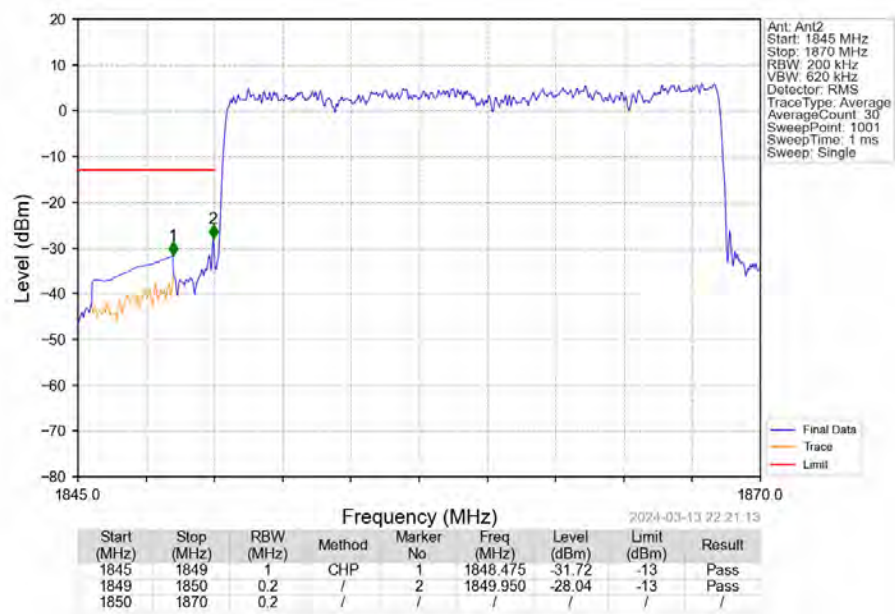
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left



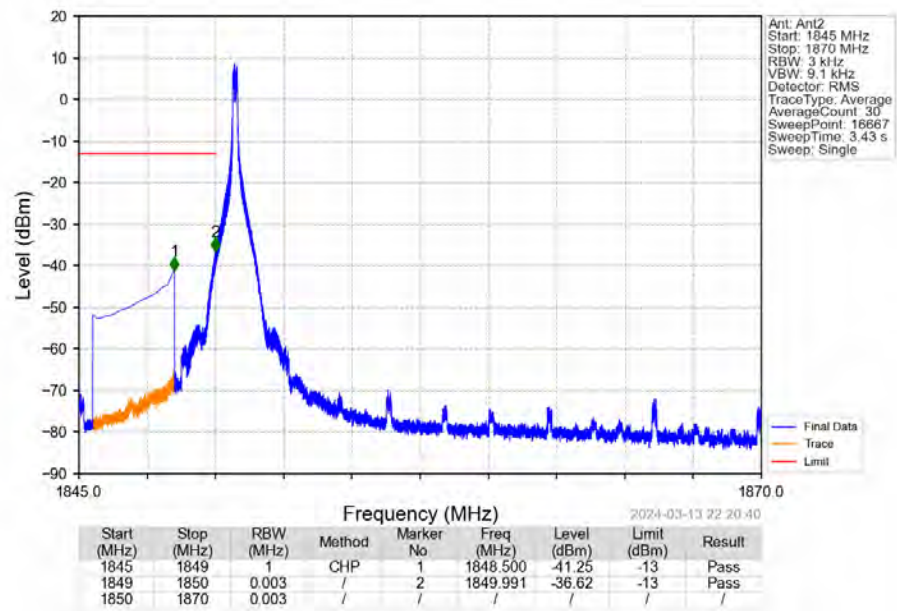
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Edge 1RB Left



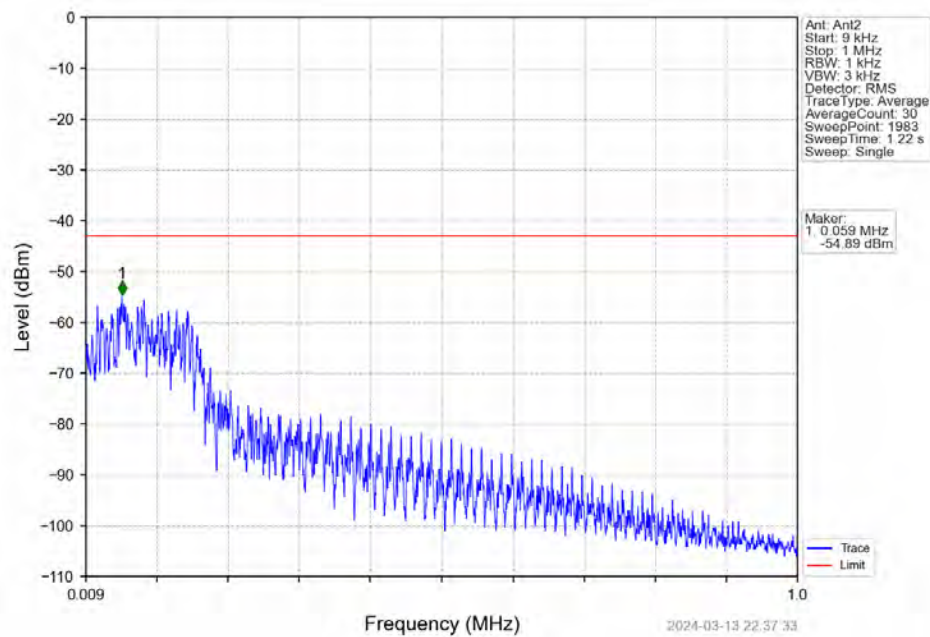
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Outer Full



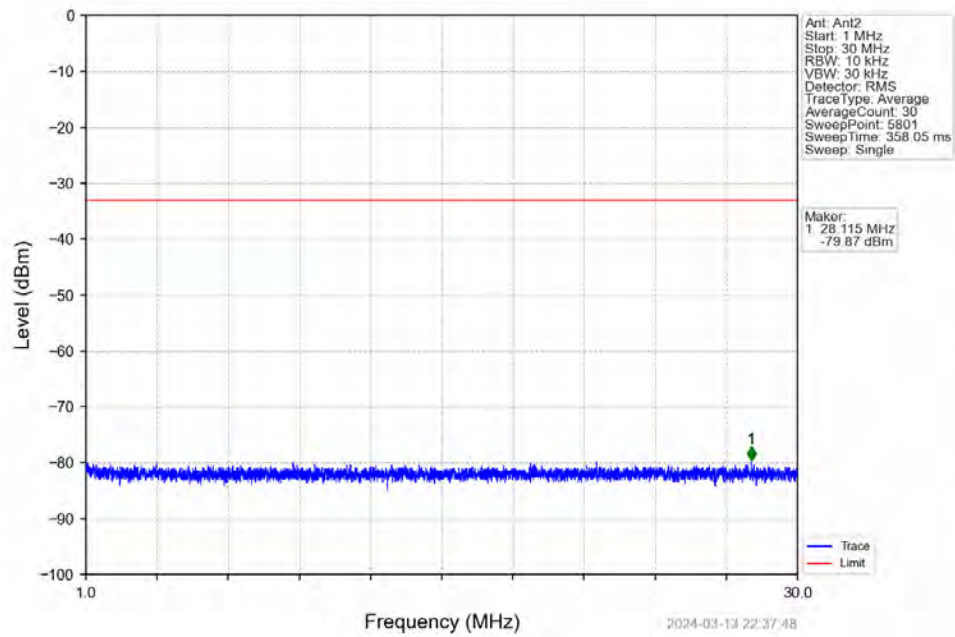
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1860MHz Inner 1RB Left



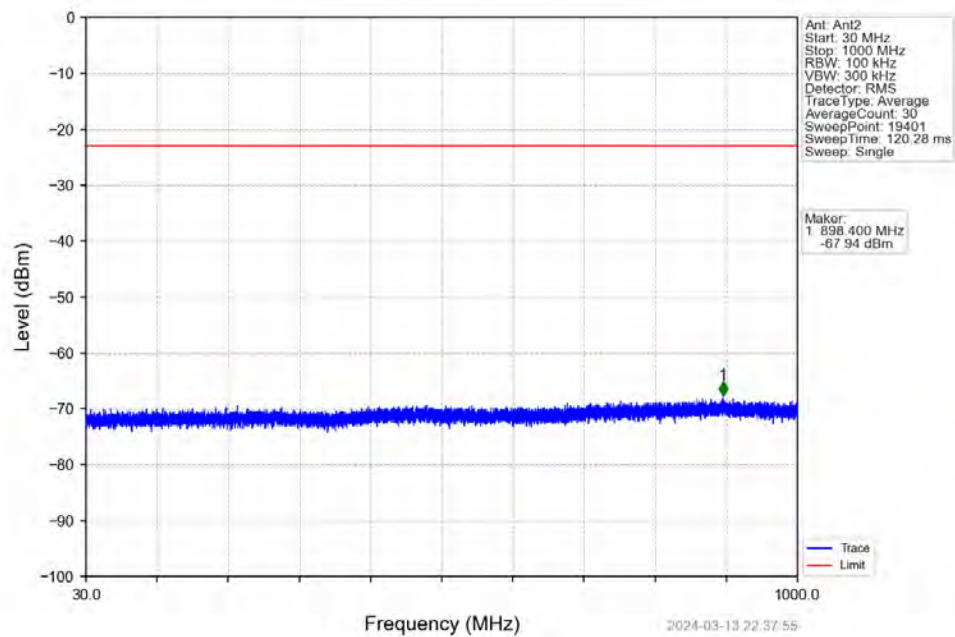
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



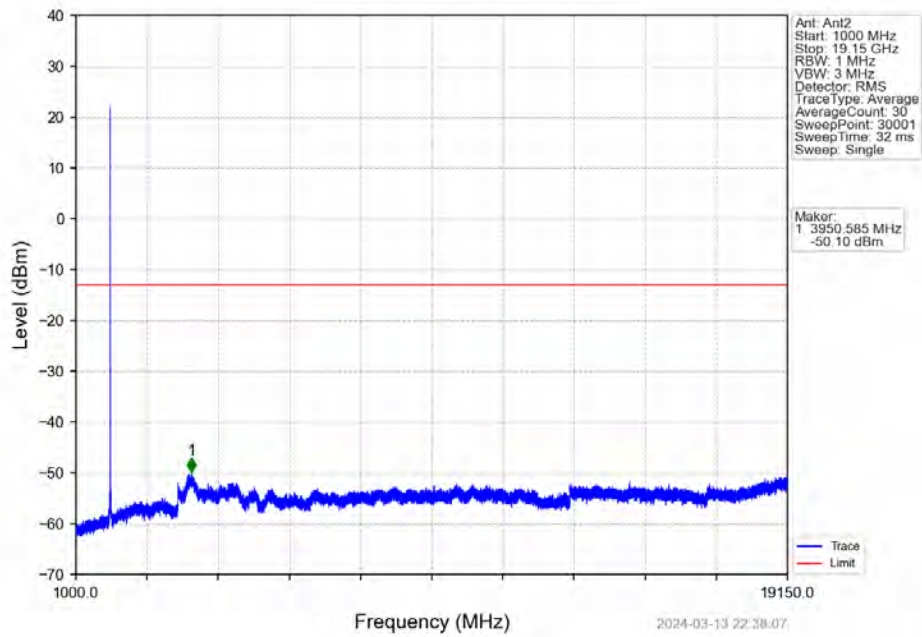
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



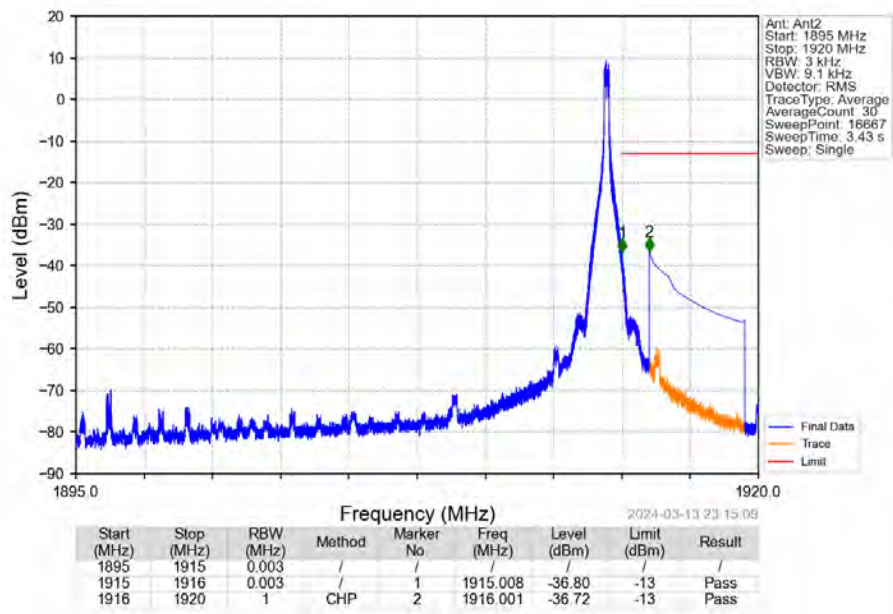
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



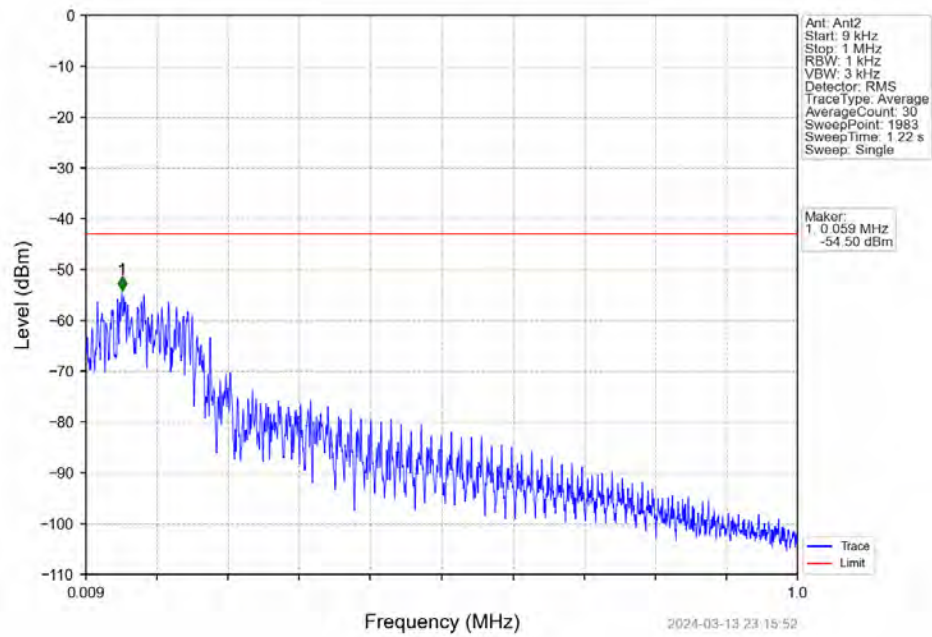
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



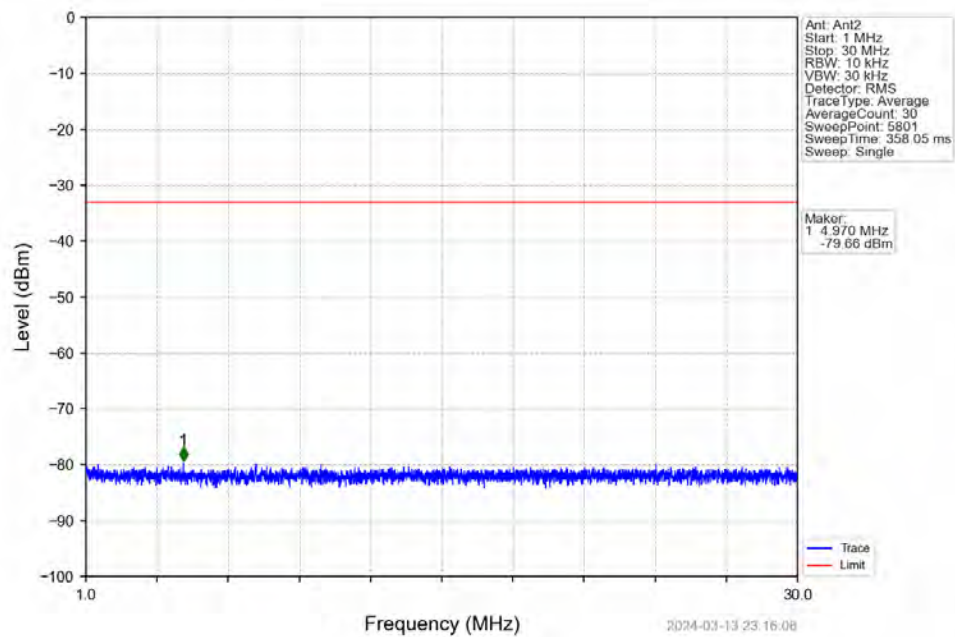
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1905MHz Edge 1RB Right



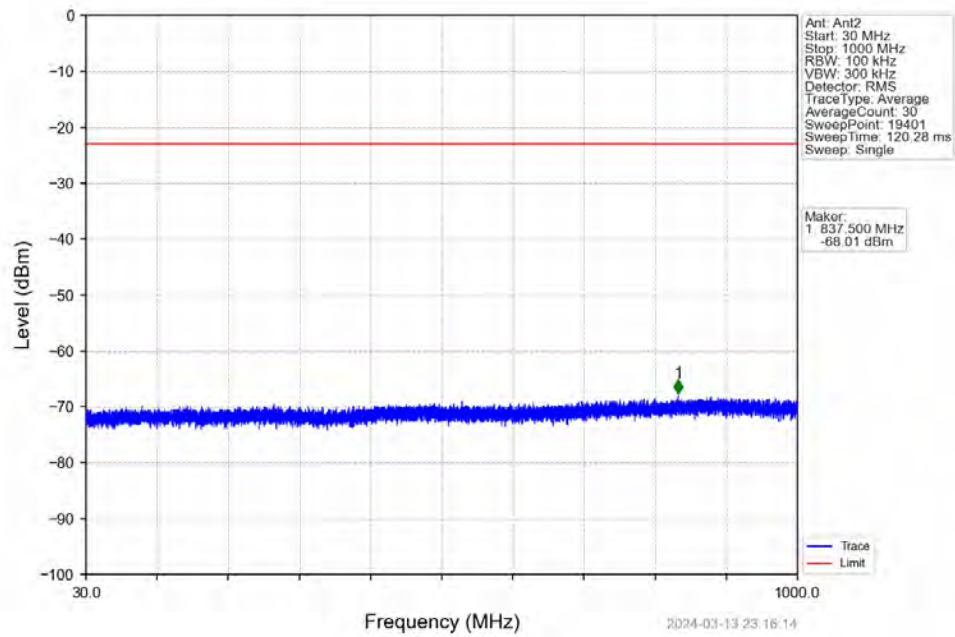
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1905MHz Edge 1RB Right



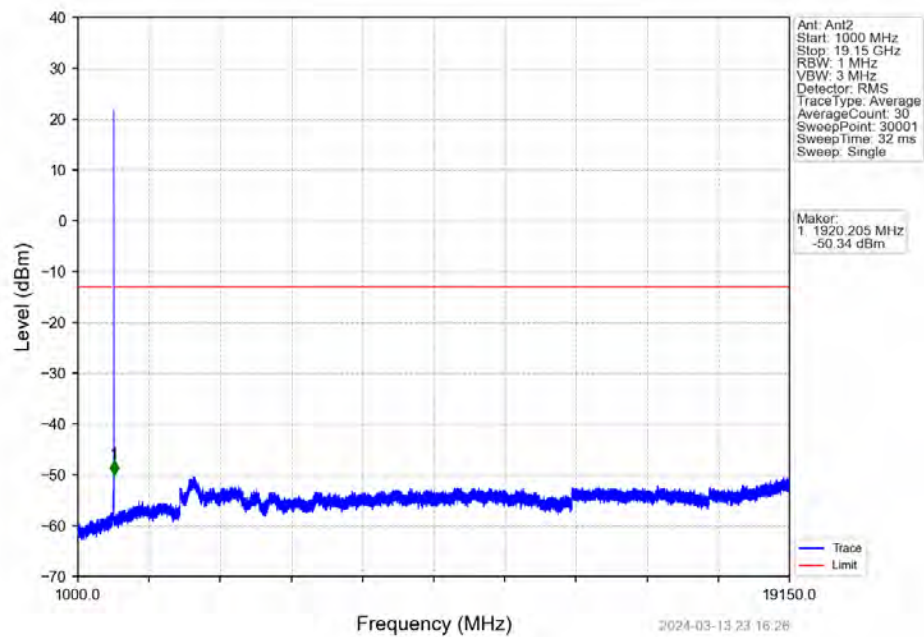
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1905MHz Edge 1RB Right



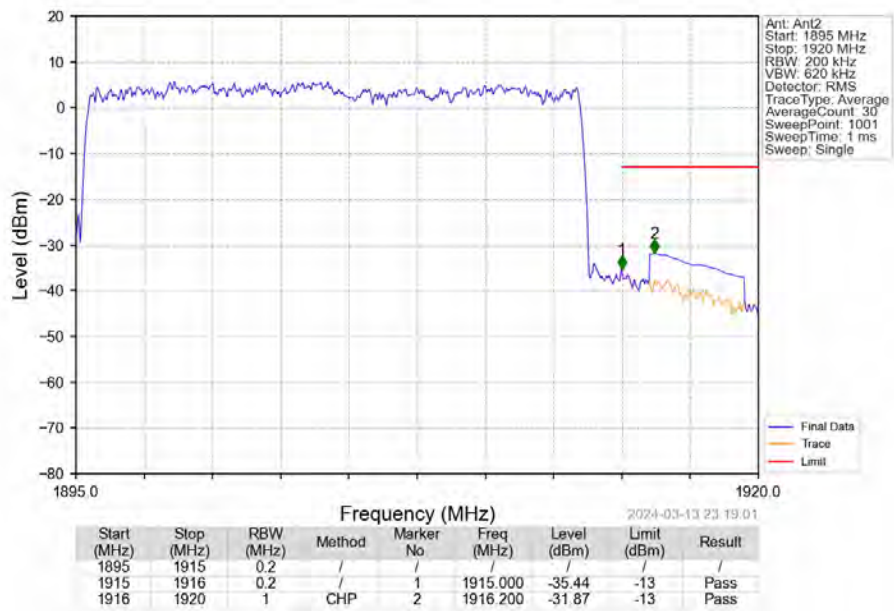
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1905MHz Edge 1RB Right



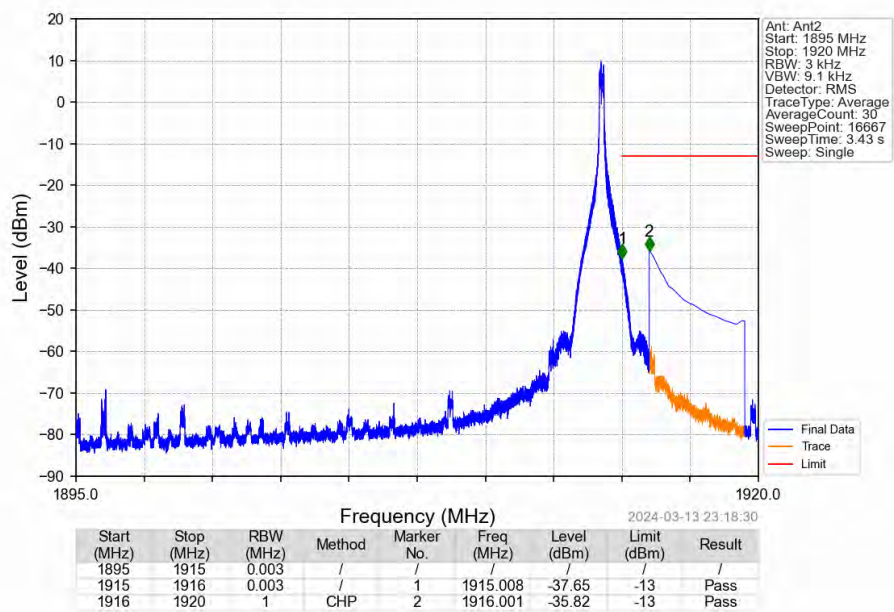
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1905MHz Edge 1RB Right



n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1905MHz Outer Full



n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1905MHz Inner 1RB Right

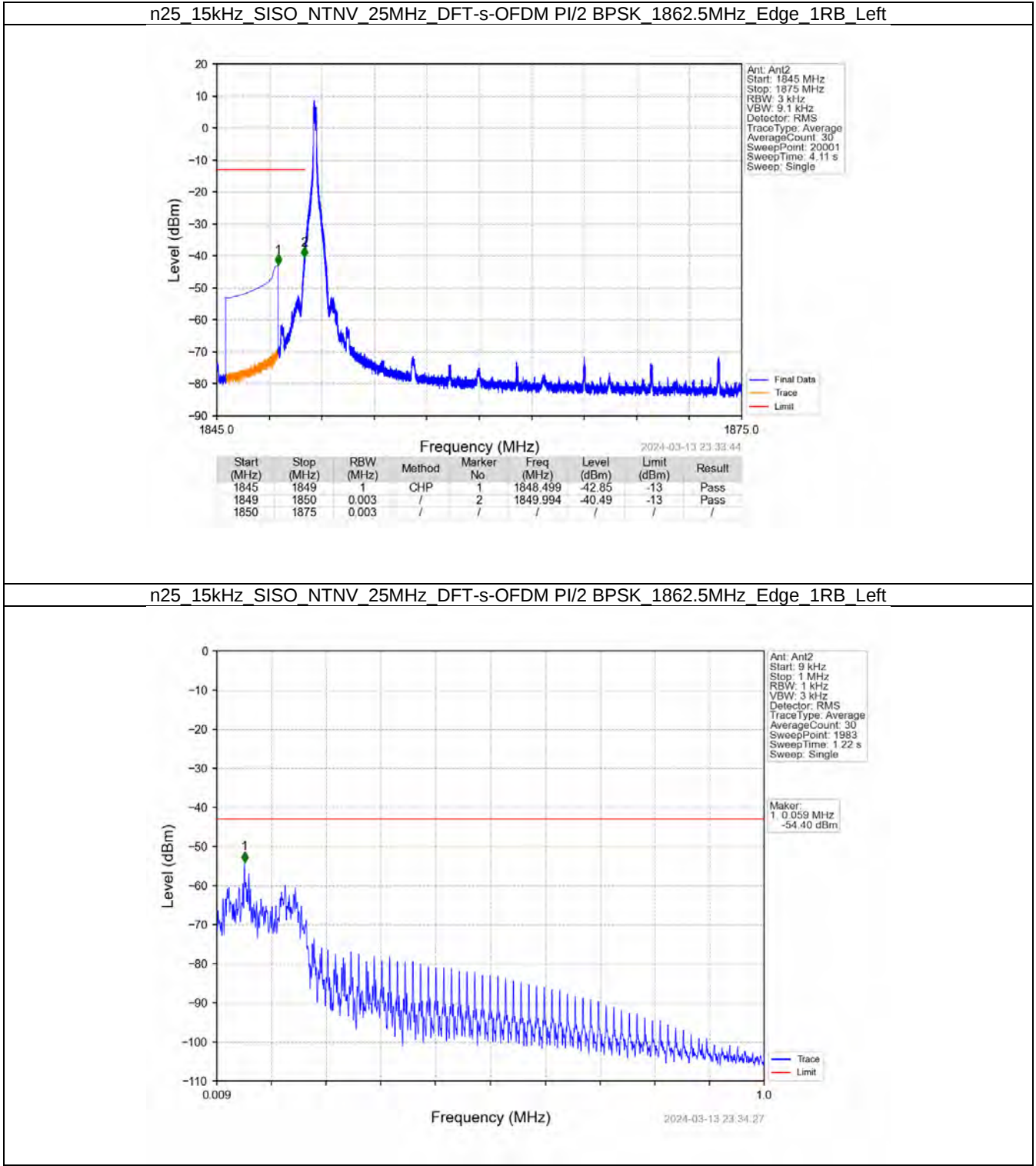


5.5 15k_SISO_25MHz_NTNV

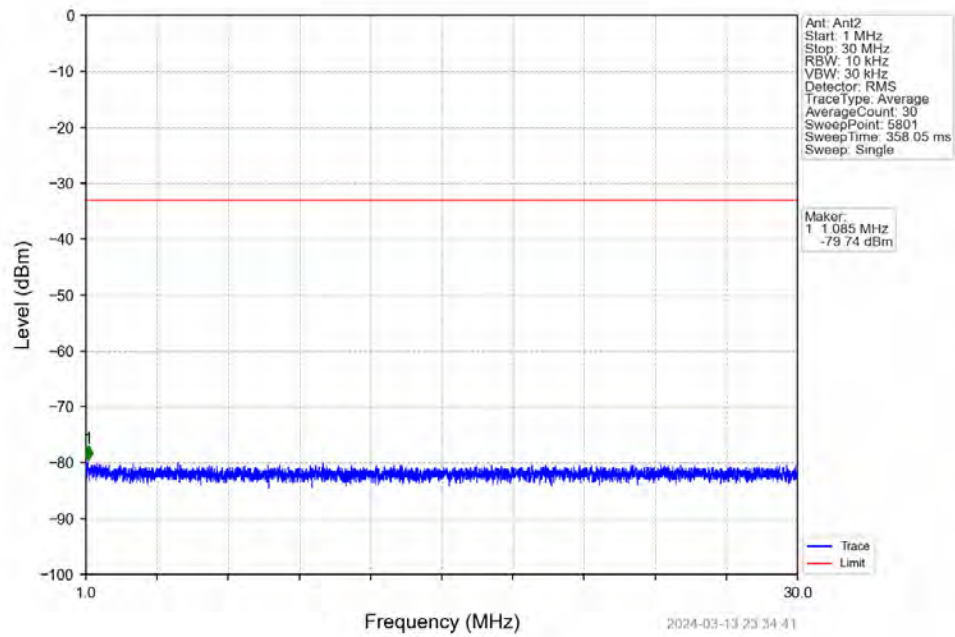
5.5.1 Test Result

5G NR n25 SCS=15kHz SISO 25MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant2	Ant2*	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	1862.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		1902.5	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	1862.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
1882.5		Edge_1RB_Left	Refer To Test Graph				Pass	
		1902.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right			Refer To Test Graph				Pass	

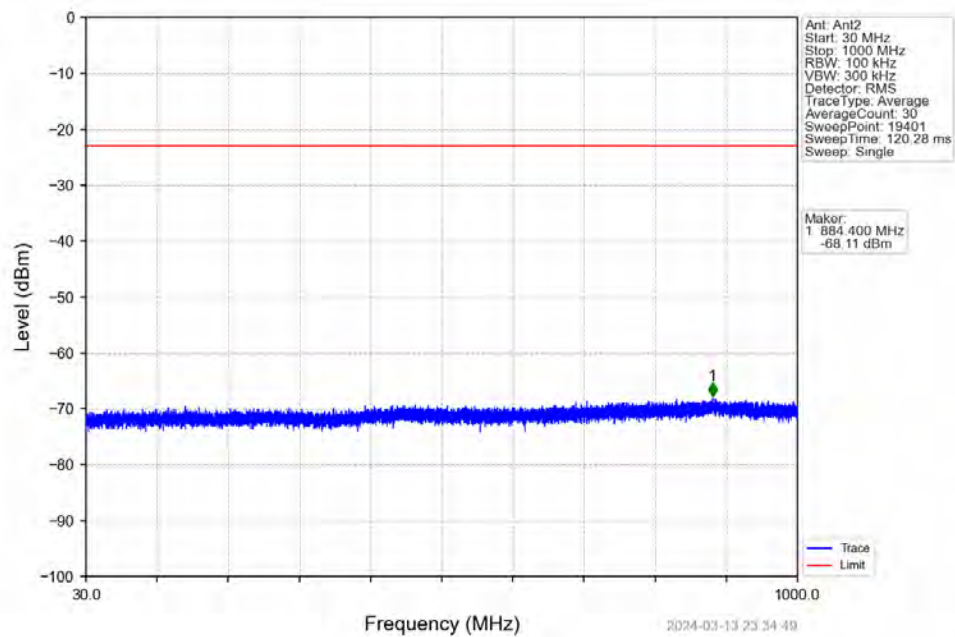
5.5.2 Test Graph



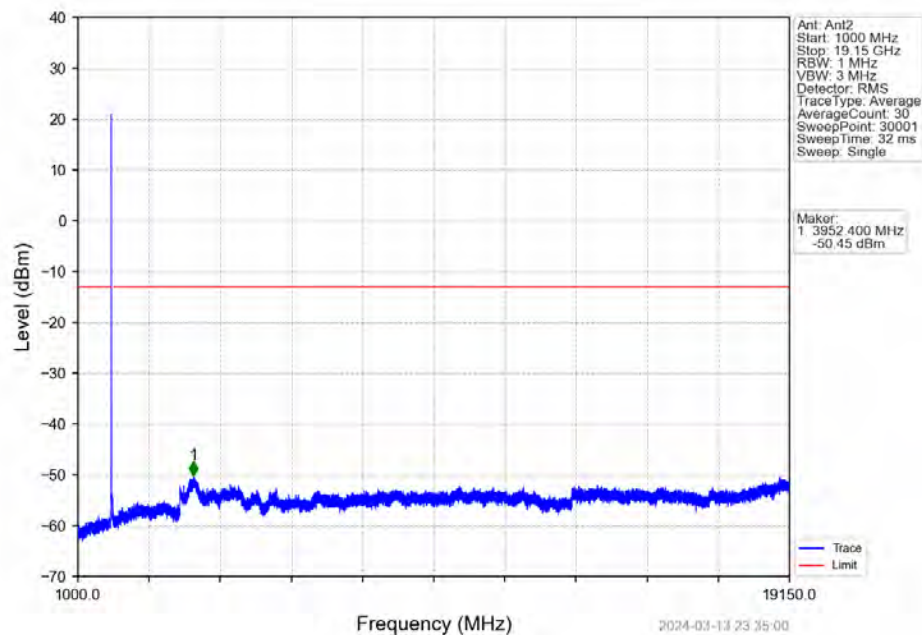
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1862.5MHz Edge 1RB Left



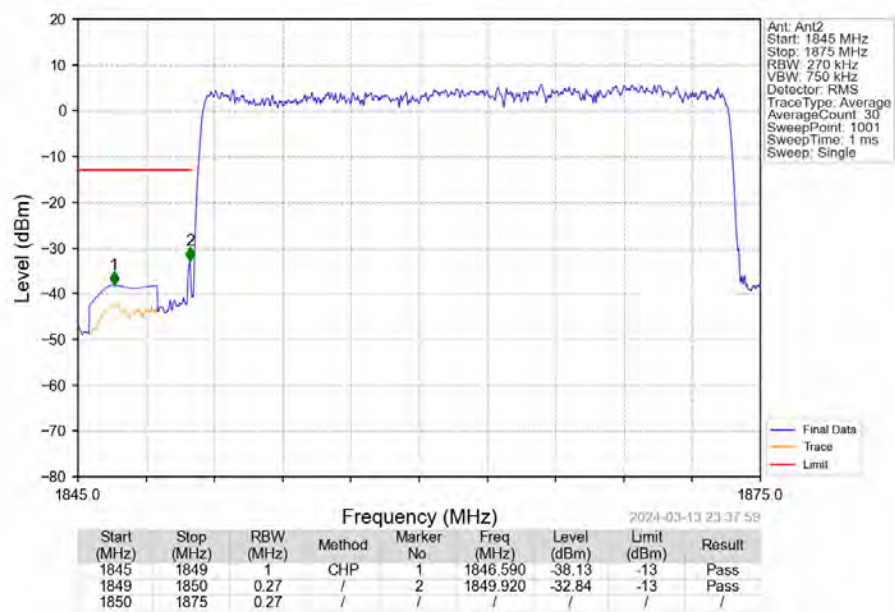
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1862.5MHz Edge 1RB Left



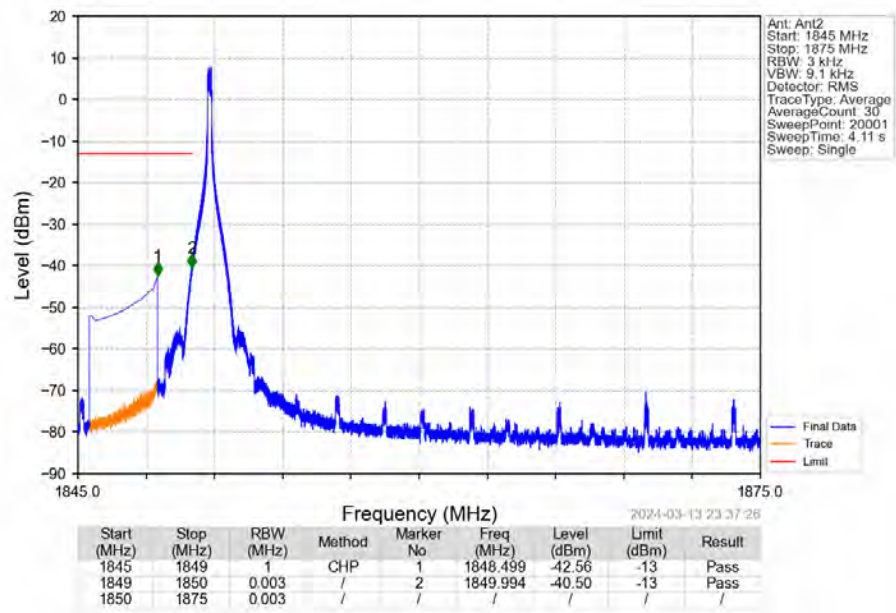
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1862.5MHz Edge 1RB Left



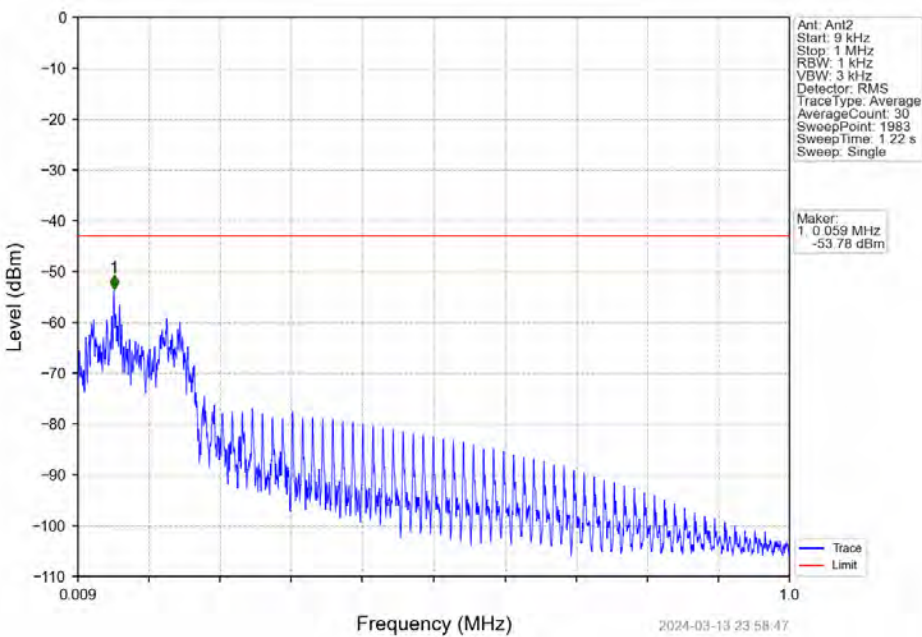
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1862.5MHz Outer Full



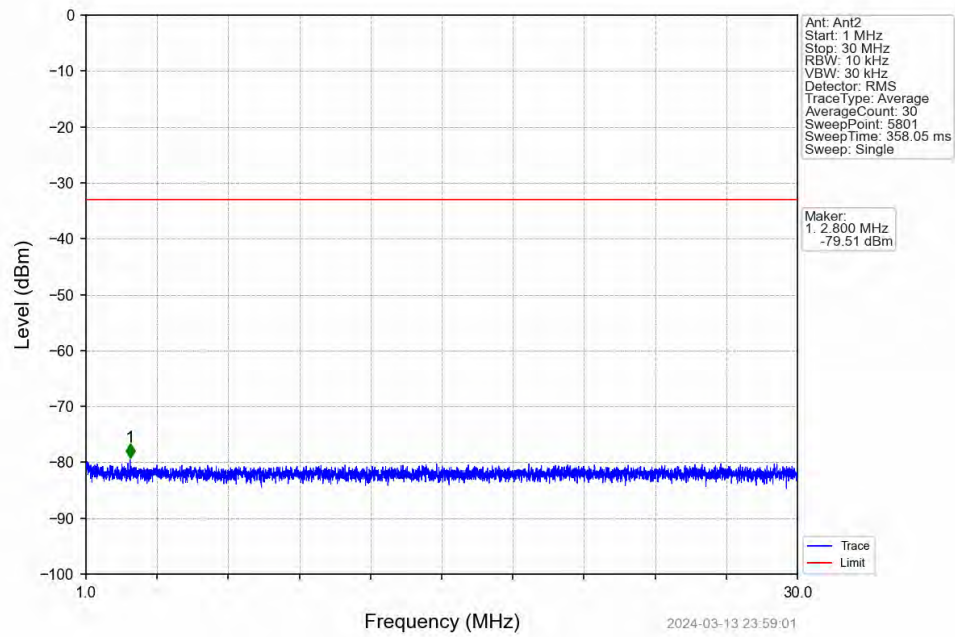
n25 15kHz SISO NTV 25MHz DFT-s-OFDM PI/2 BPSK 1862.5MHz Inner 1RB Left



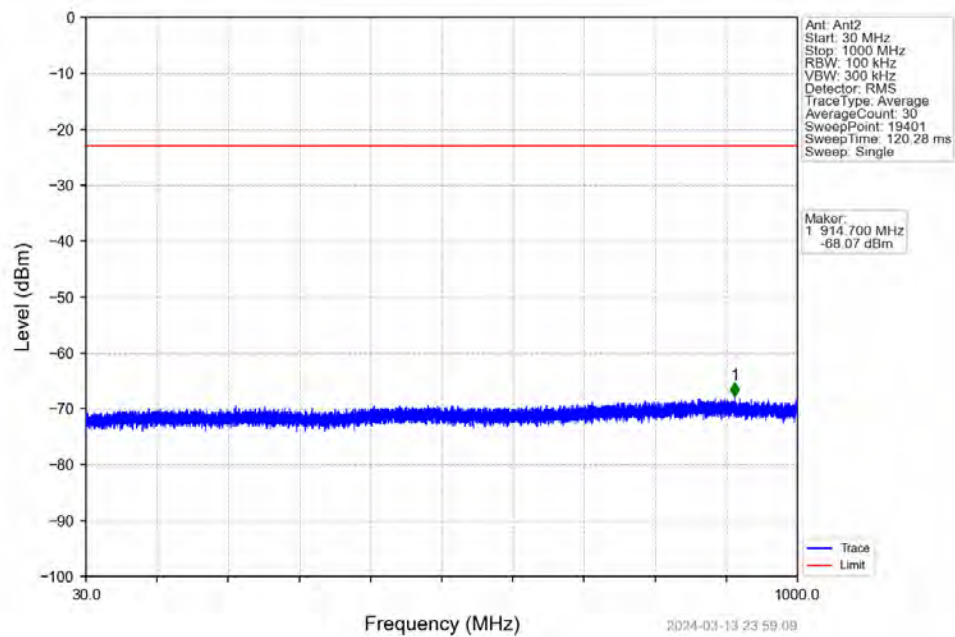
n25 15kHz SISO NTV 25MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



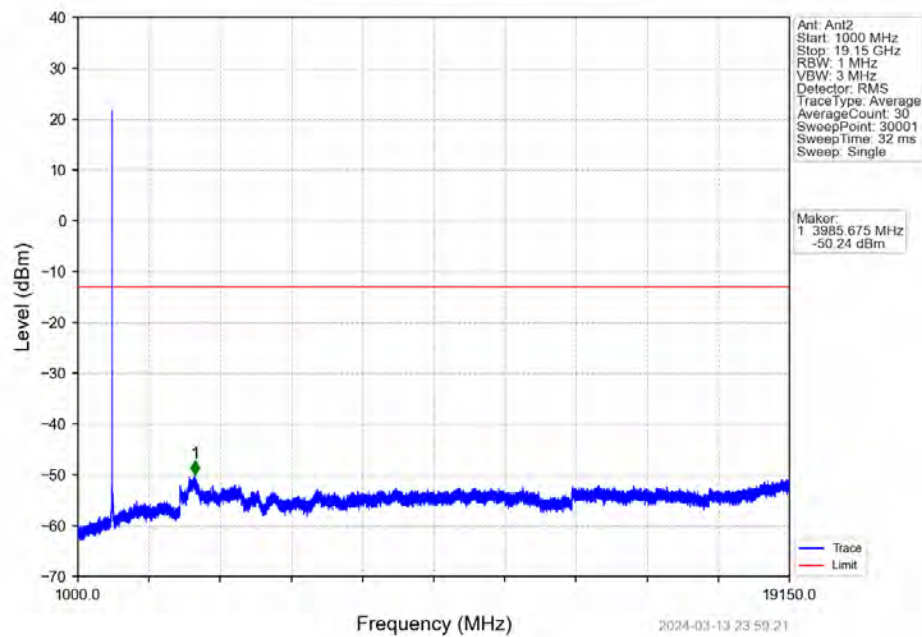
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



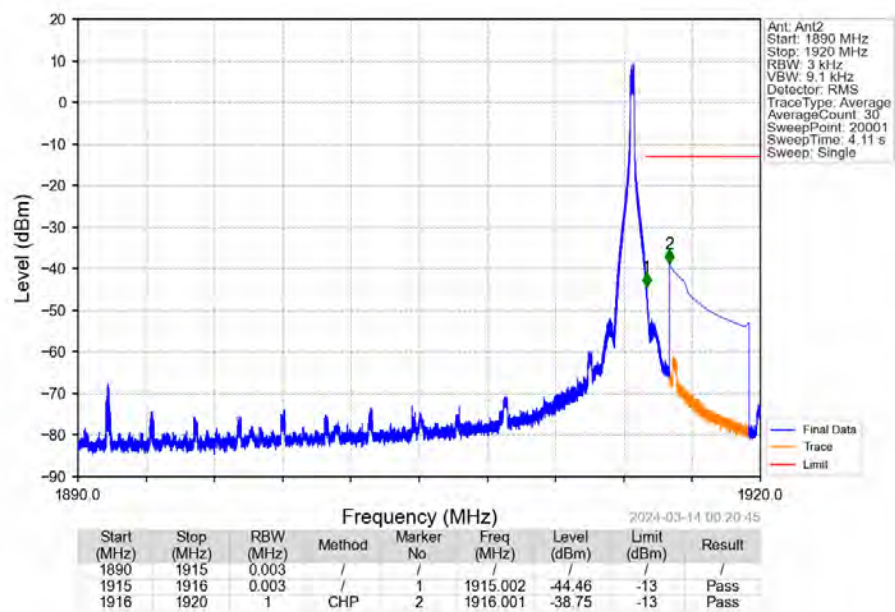
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



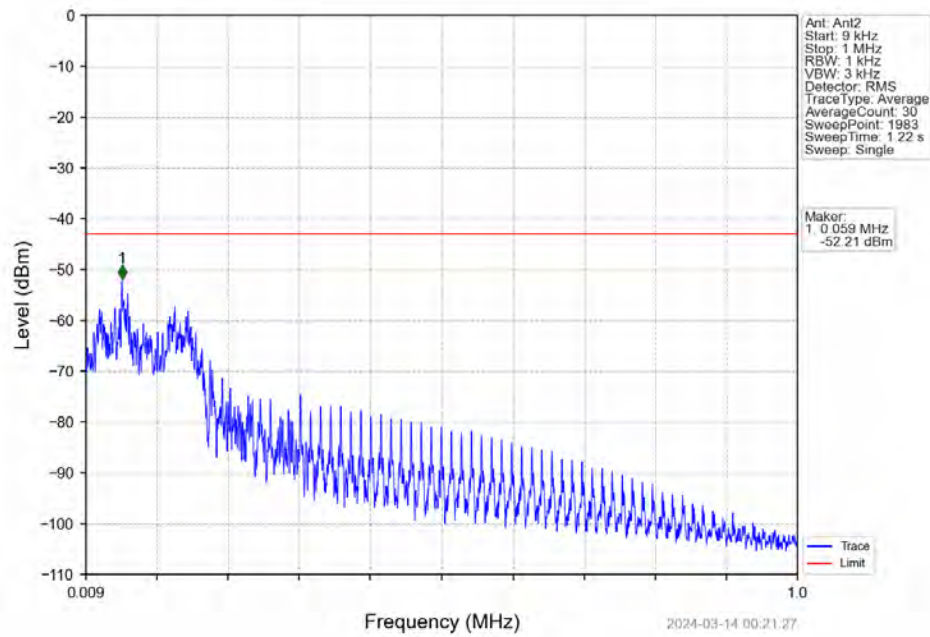
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



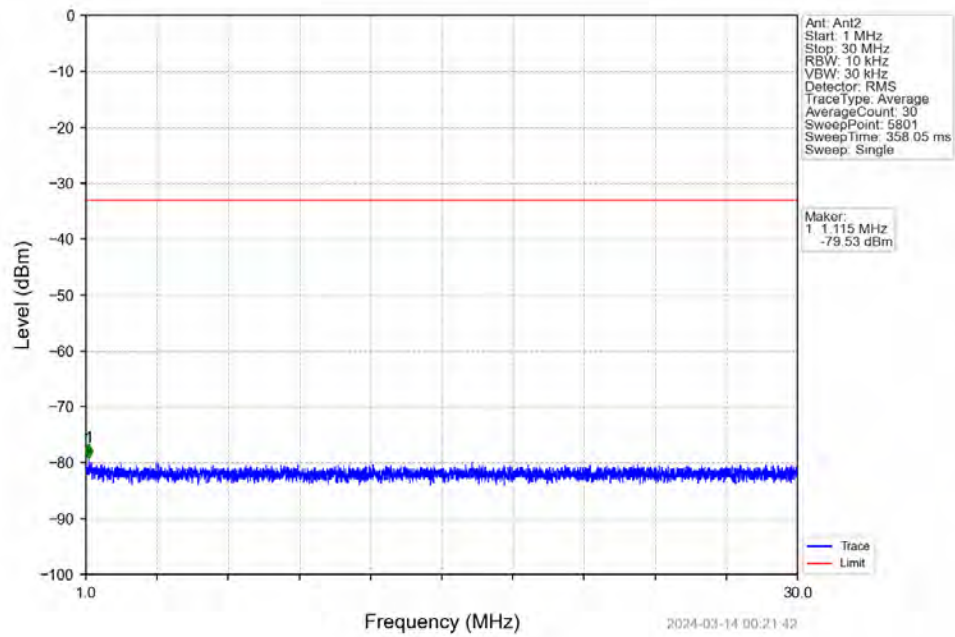
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right



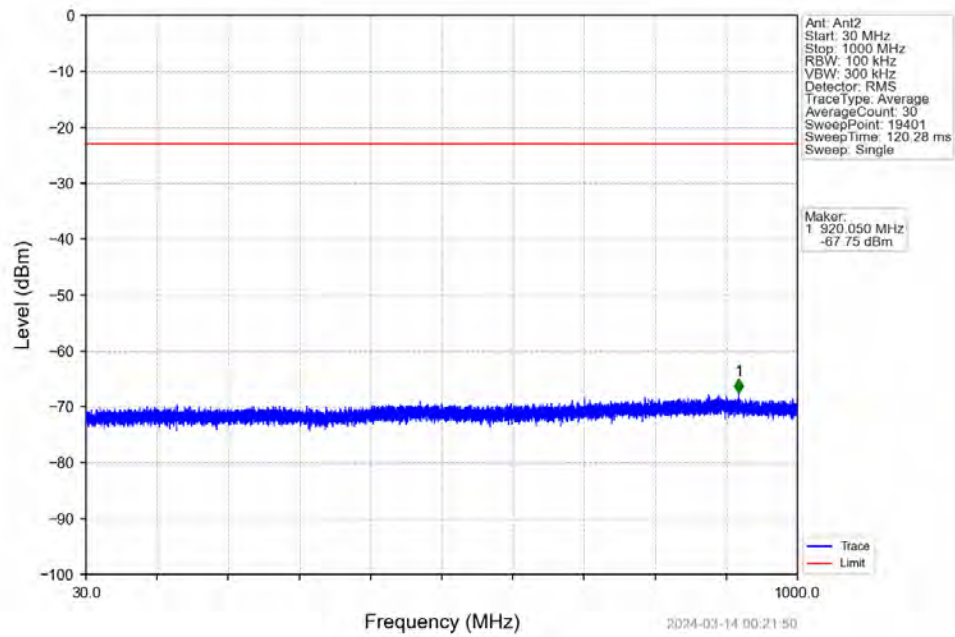
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right



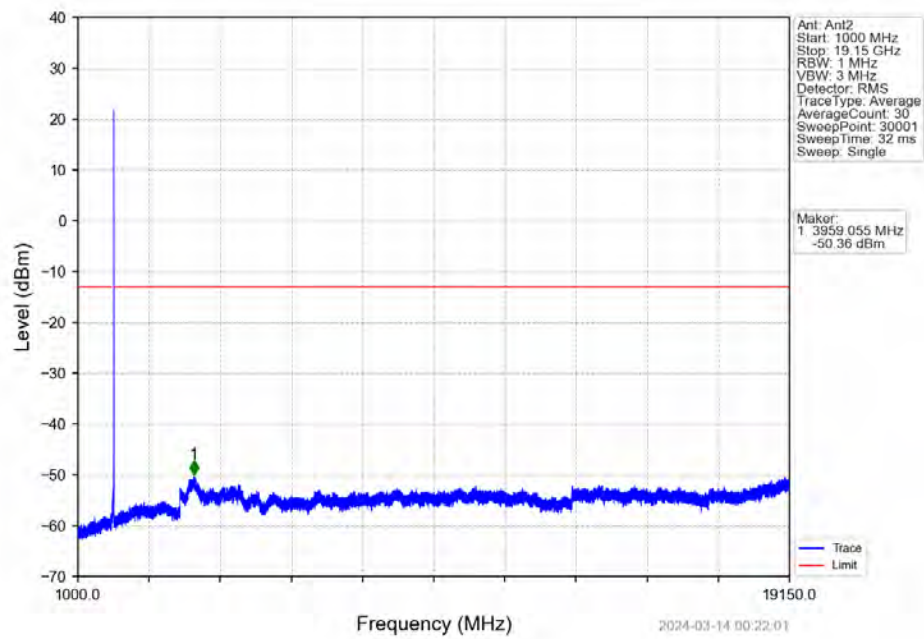
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right



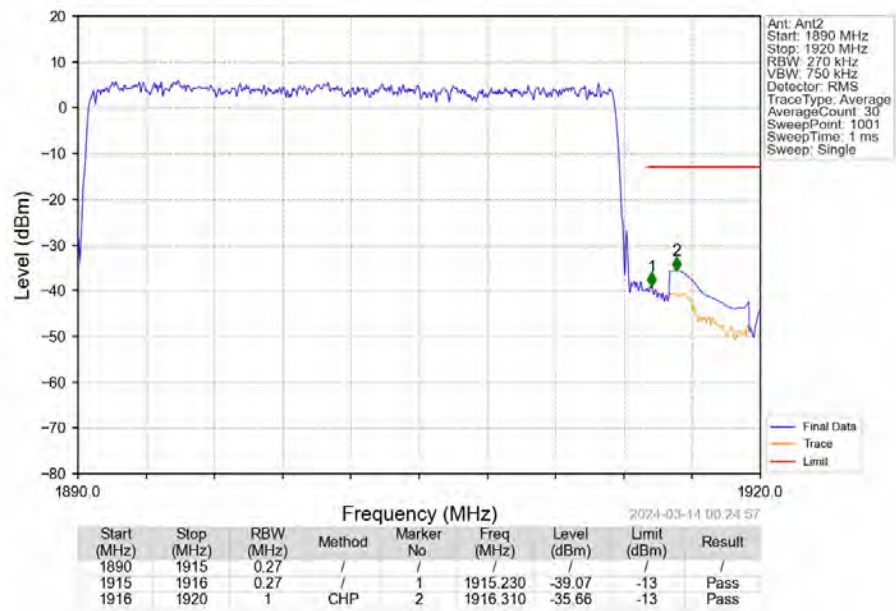
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right



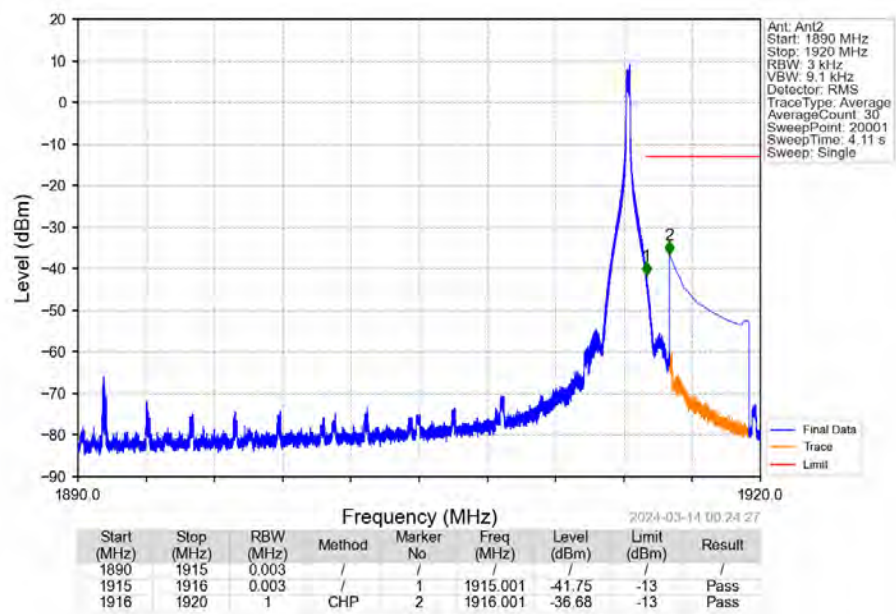
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Edge 1RB Right



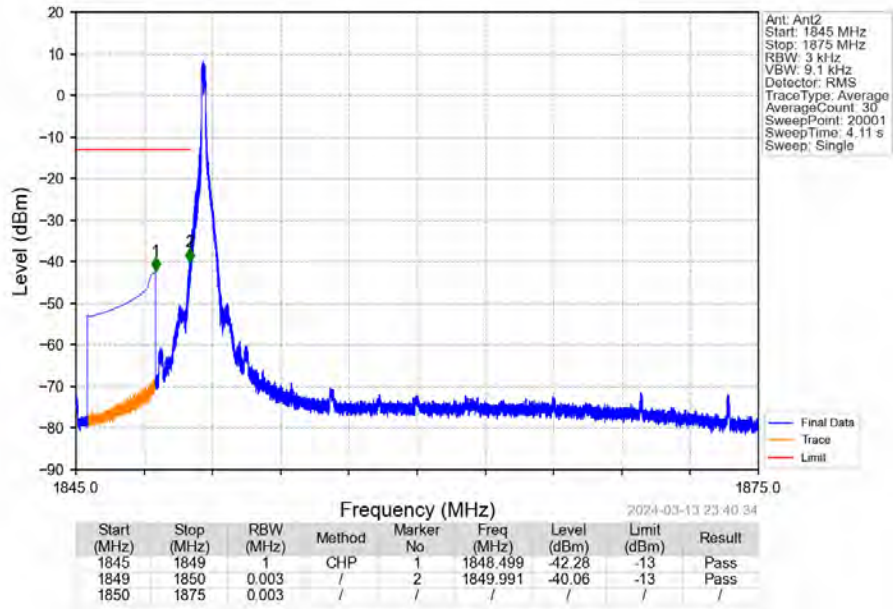
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Outer Full



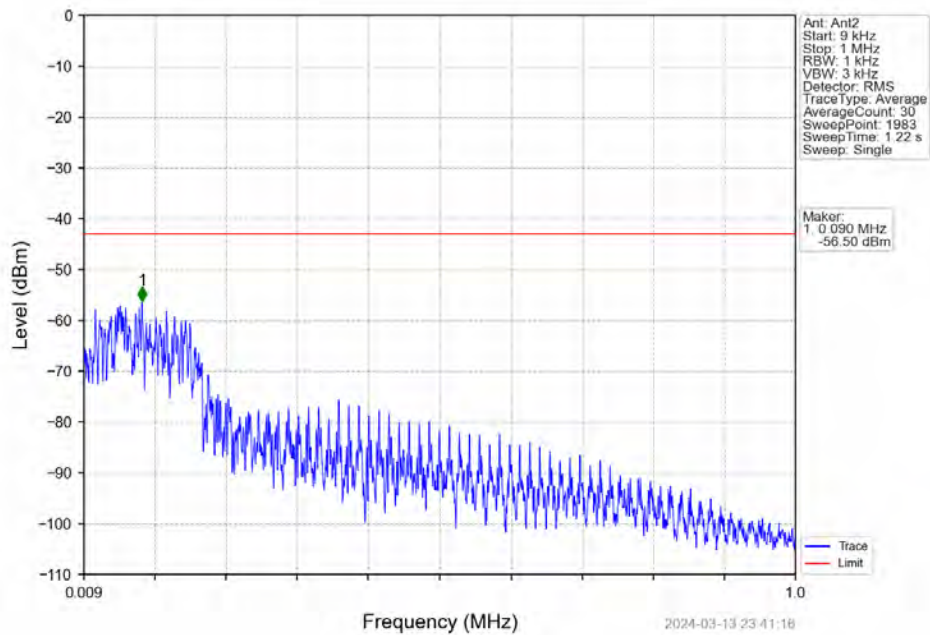
n25 15kHz SISO NTN 25MHz DFT-s-OFDM PI/2 BPSK 1902.5MHz Inner 1RB Right



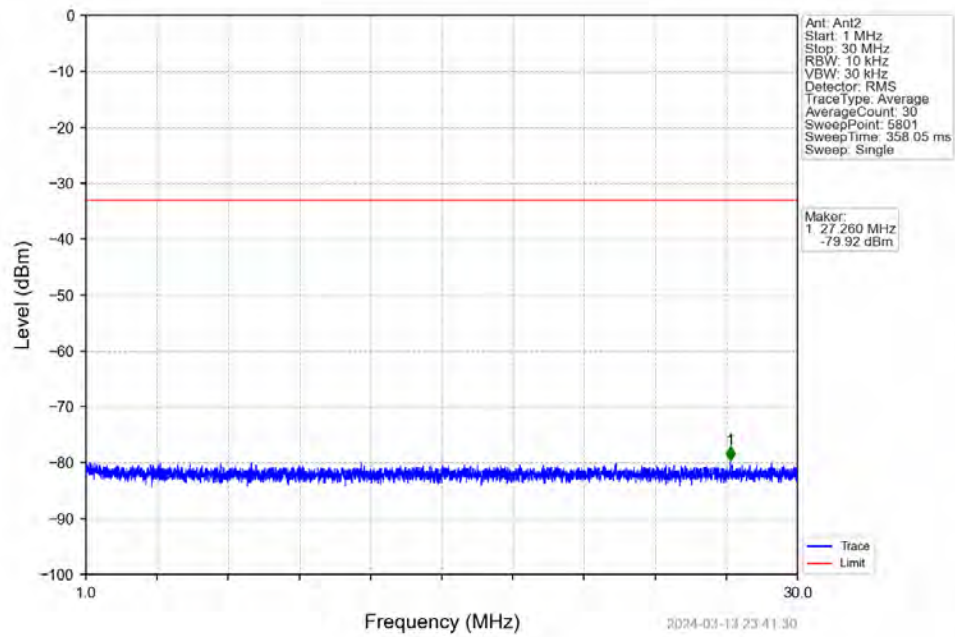
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1862.5MHz Edge 1RB Left



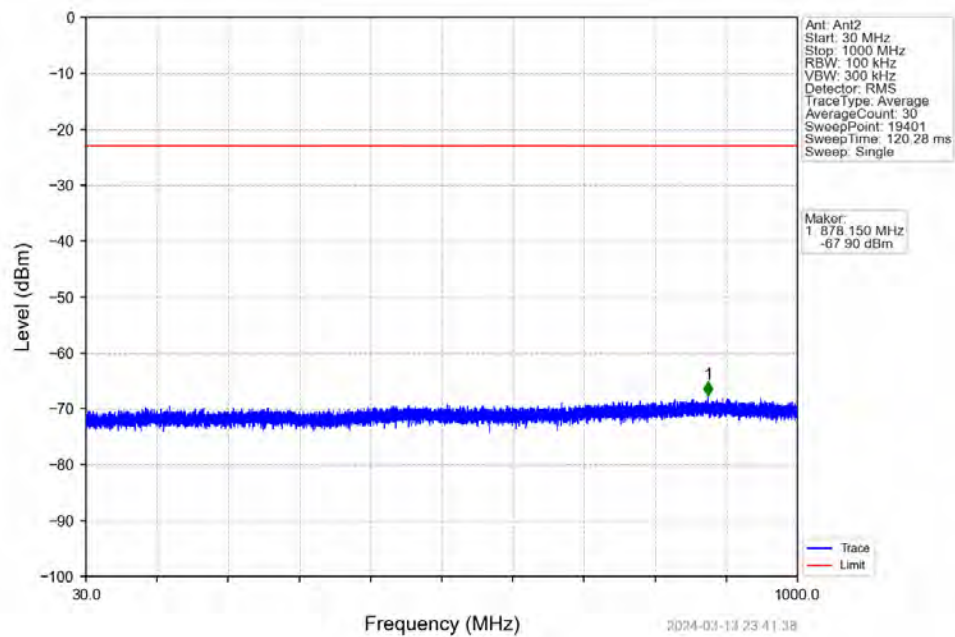
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1862.5MHz Edge 1RB Left



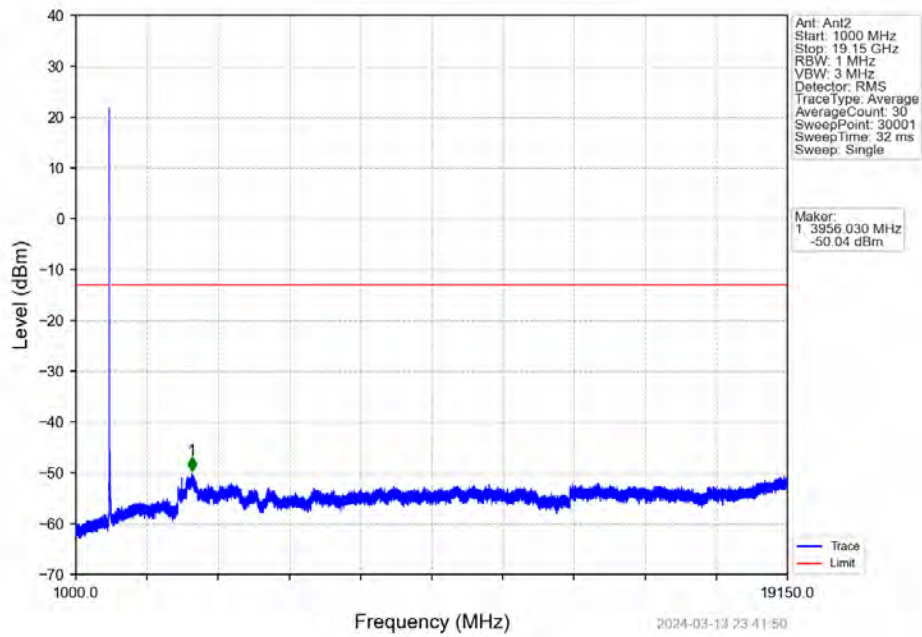
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1862.5MHz Edge 1RB Left



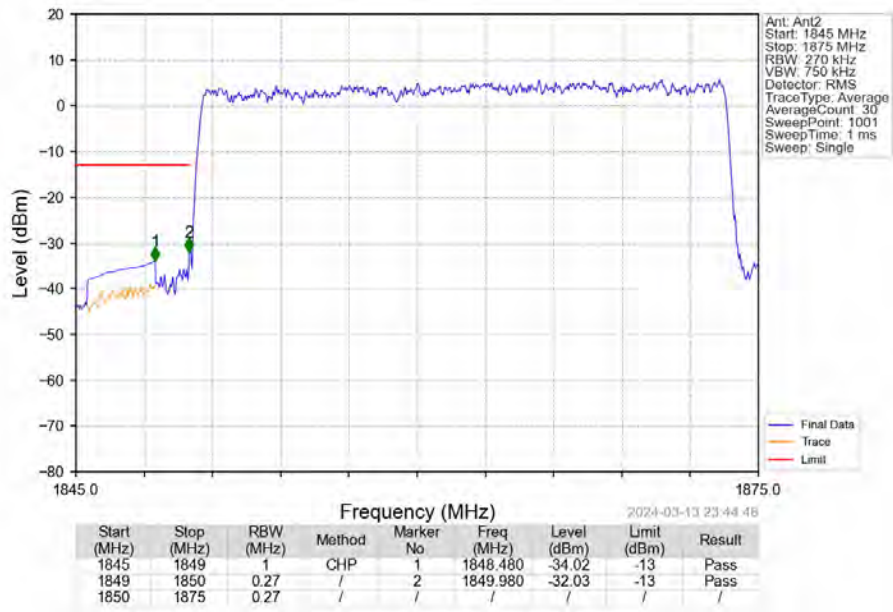
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1862.5MHz Edge 1RB Left



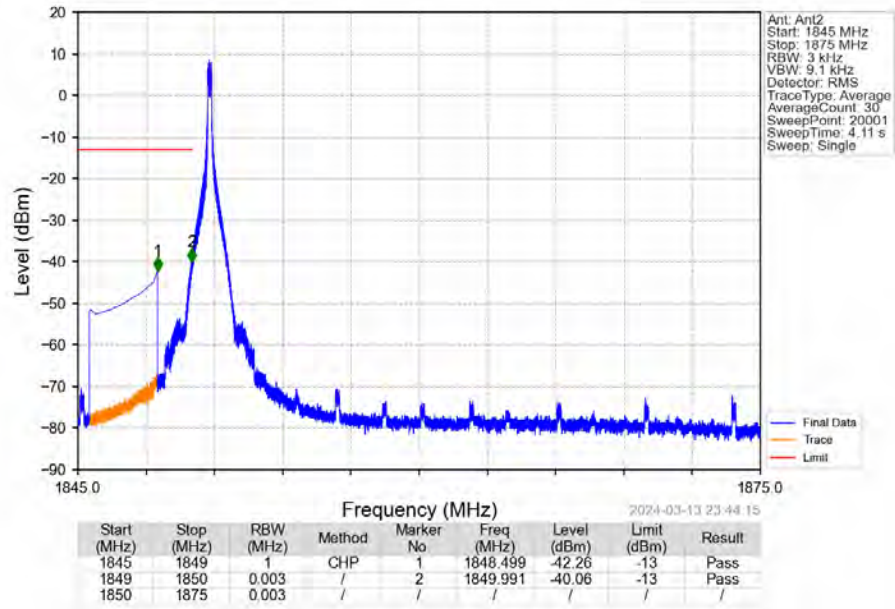
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1862.5MHz Edge 1RB Left



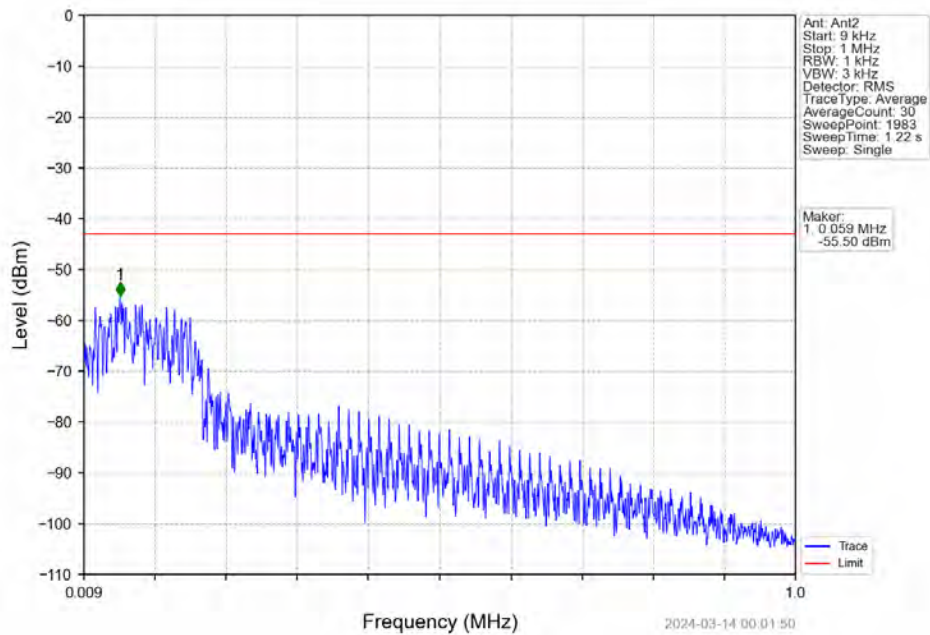
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1862.5MHz Outer Full



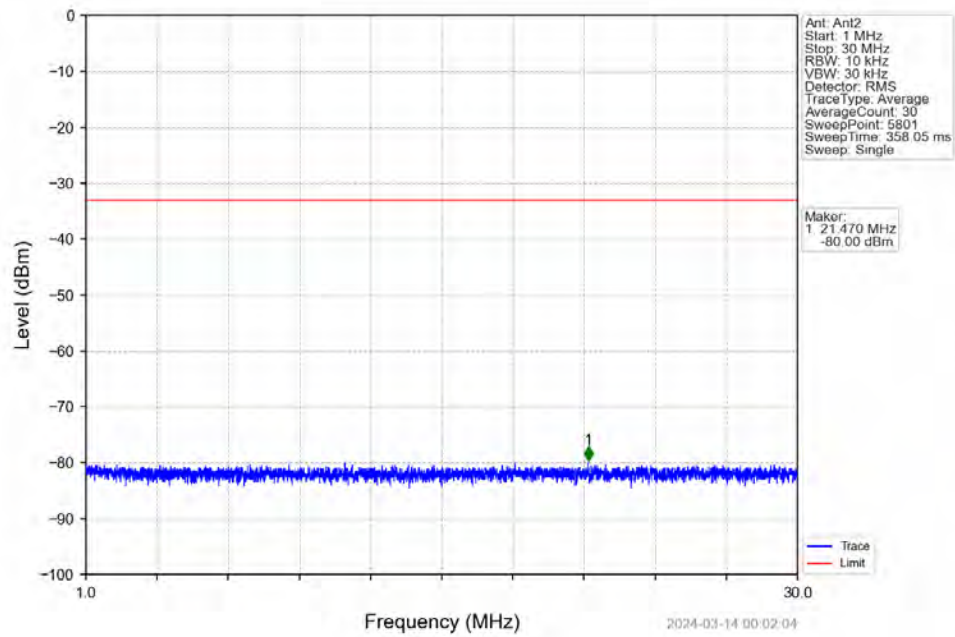
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1862.5MHz Inner 1RB Left



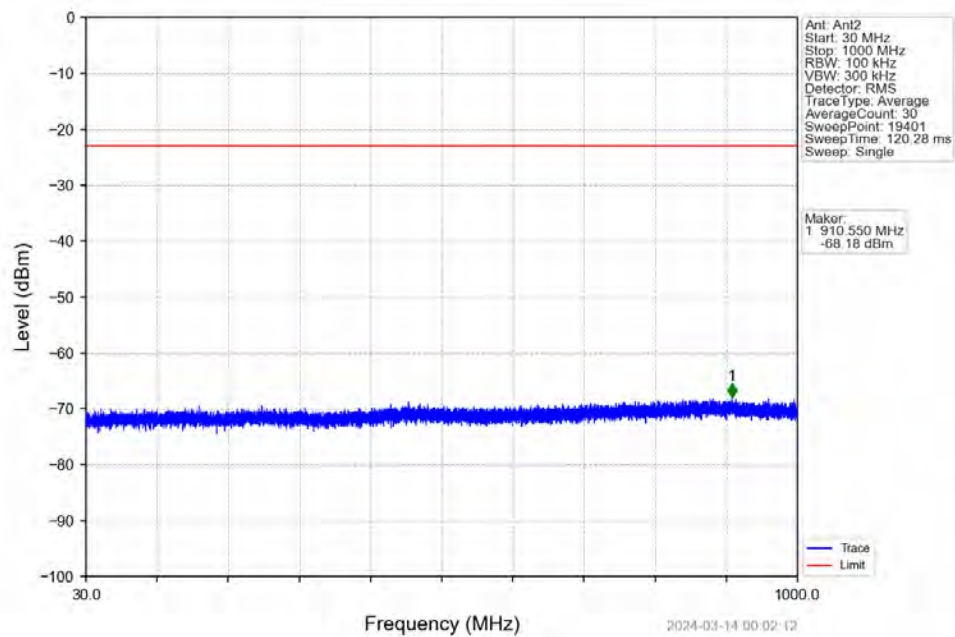
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



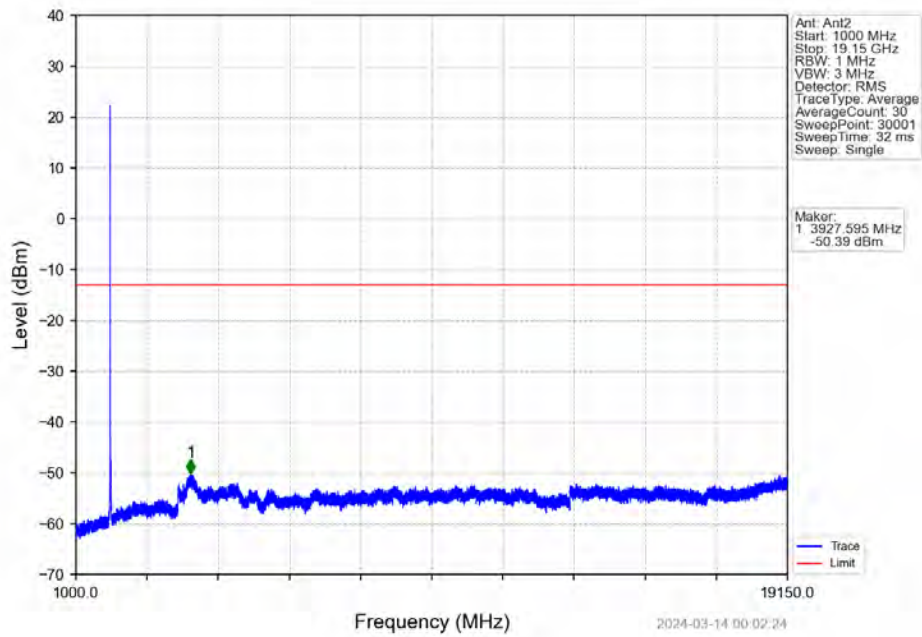
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



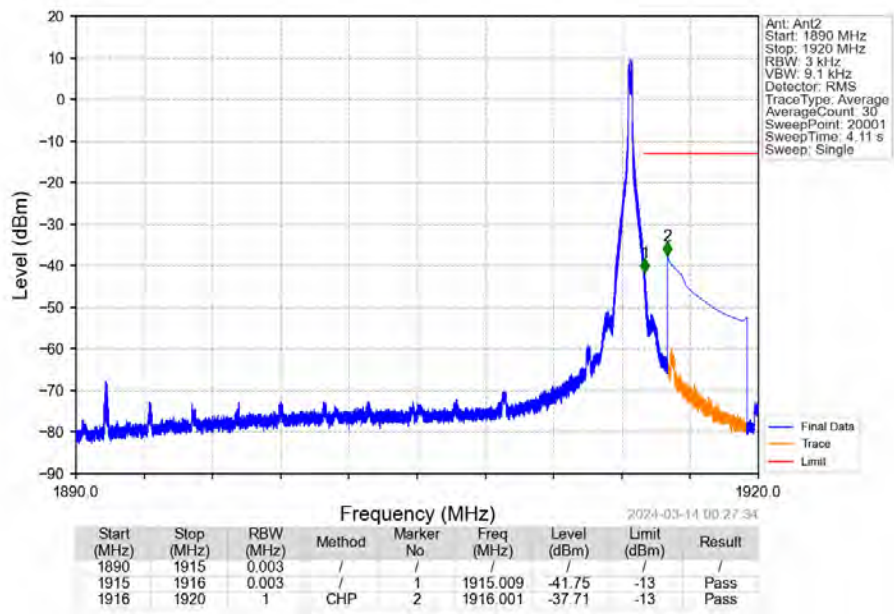
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



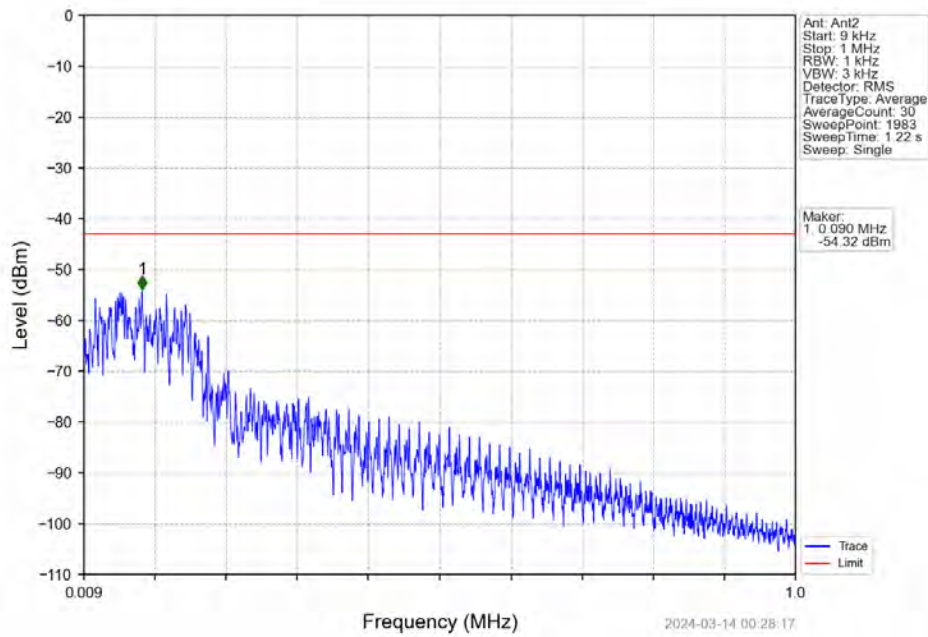
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1882.5MHz Edge 1RB Left



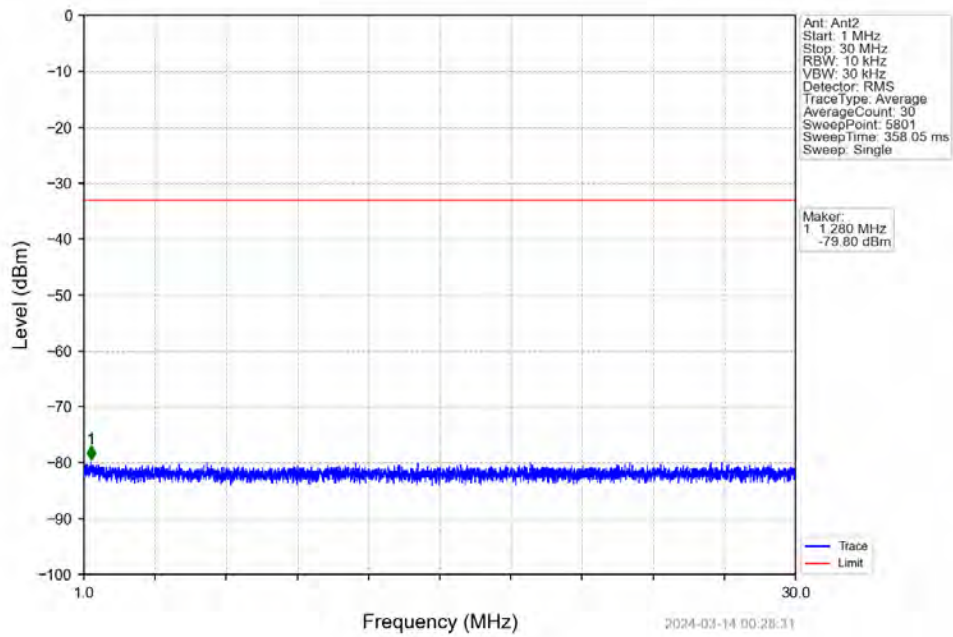
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right



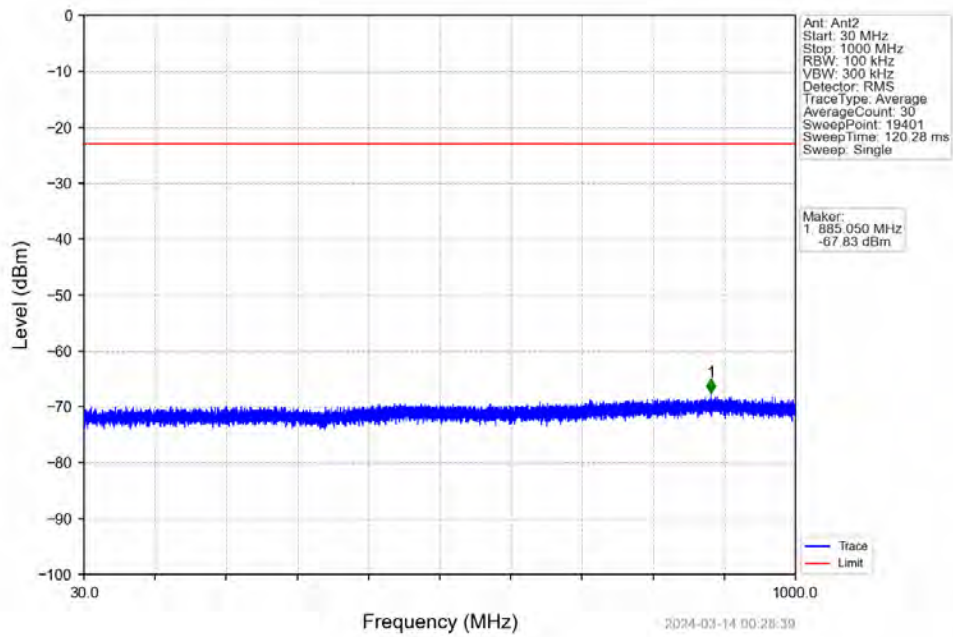
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right



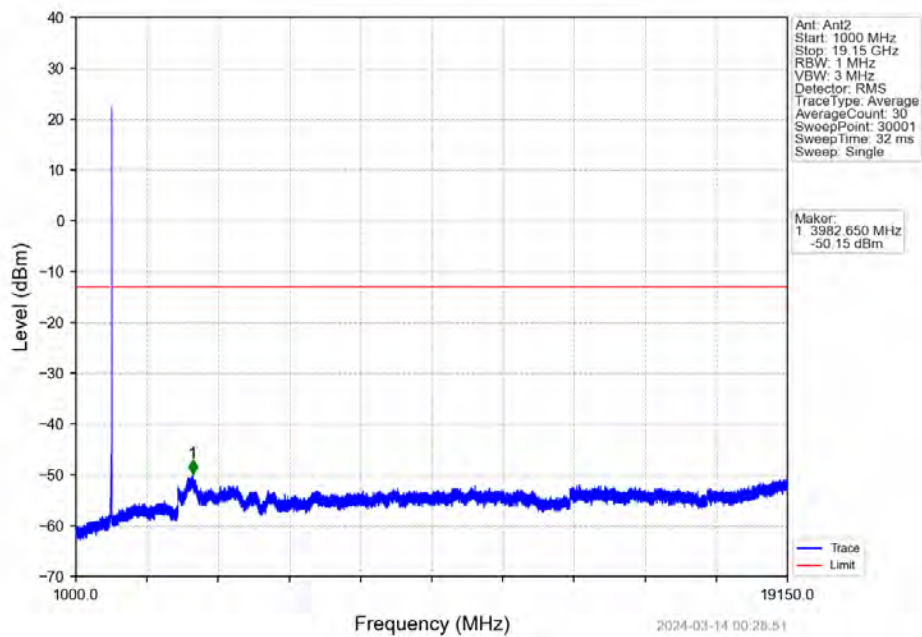
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right



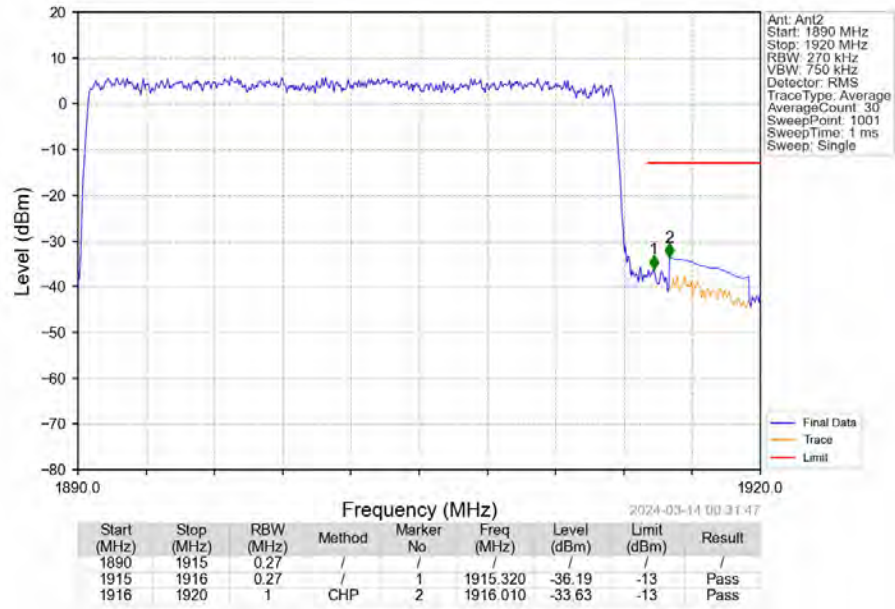
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right



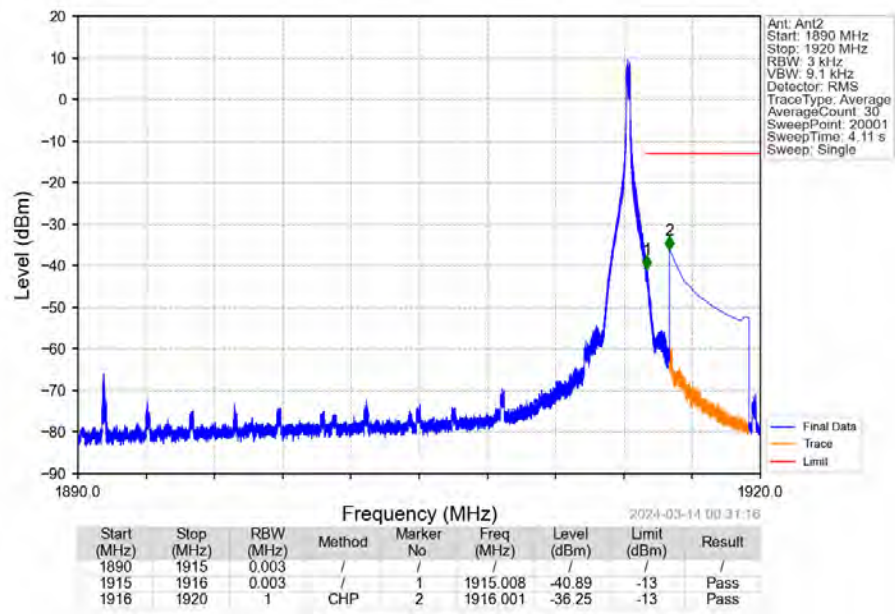
n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1902.5MHz Edge 1RB Right



n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1902.5MHz Outer Full



n25 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 1902.5MHz Inner 1RB Right

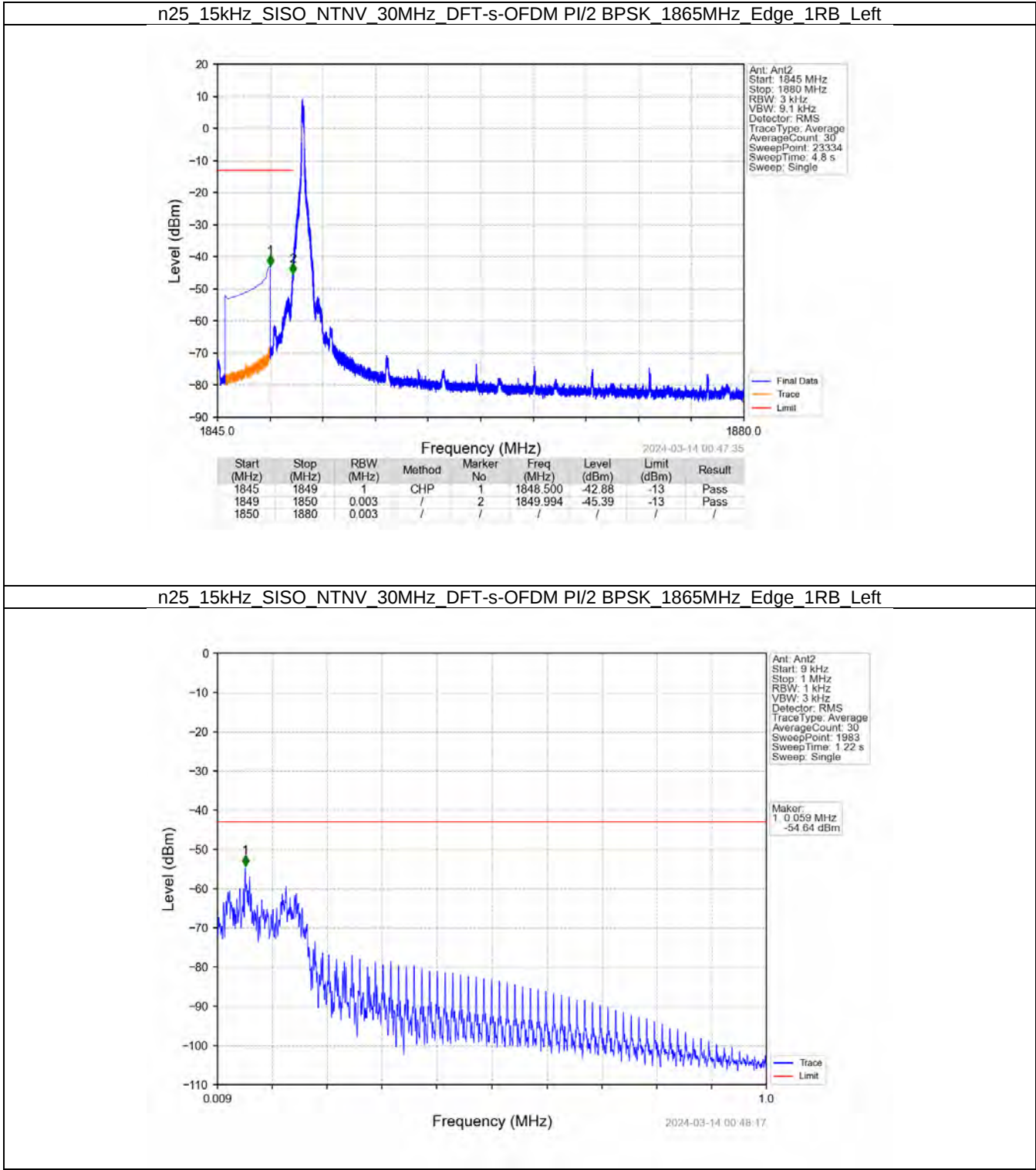


5.6 15k_SISO_30MHz_NTNV

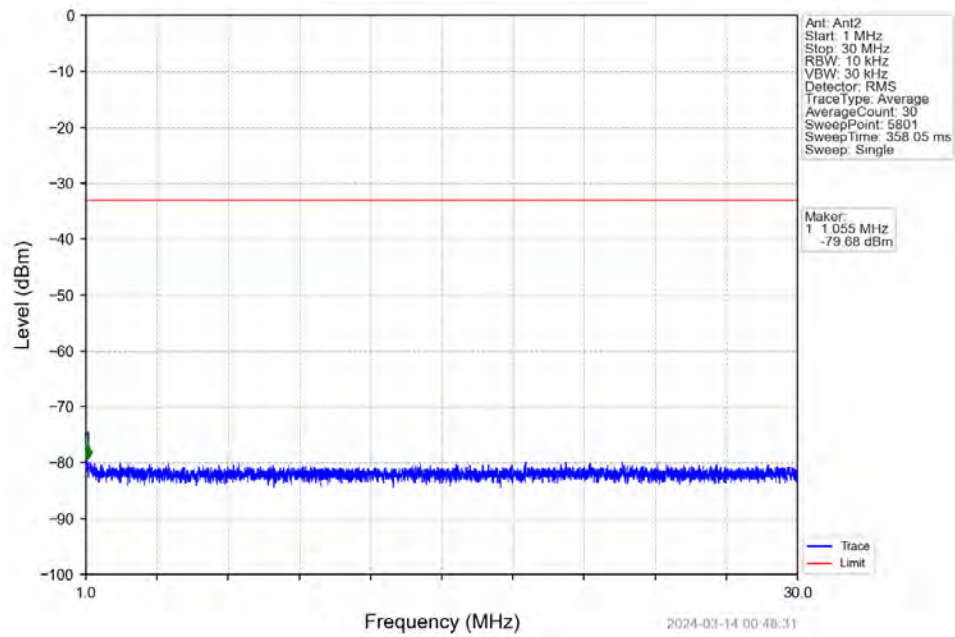
5.6.1 Test Result

5G NR n25 SCS=15kHz SISO 30MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant2	Ant2*	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	1865	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Right	Refer To Test Graph				Pass	
		1900	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right	Refer To Test Graph				Pass			
DFT-s-OFDM QPSK	1865		Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Left	Refer To Test Graph				Pass
	1882.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		1900	Inner_1RB_Right	Refer To Test Graph				Pass

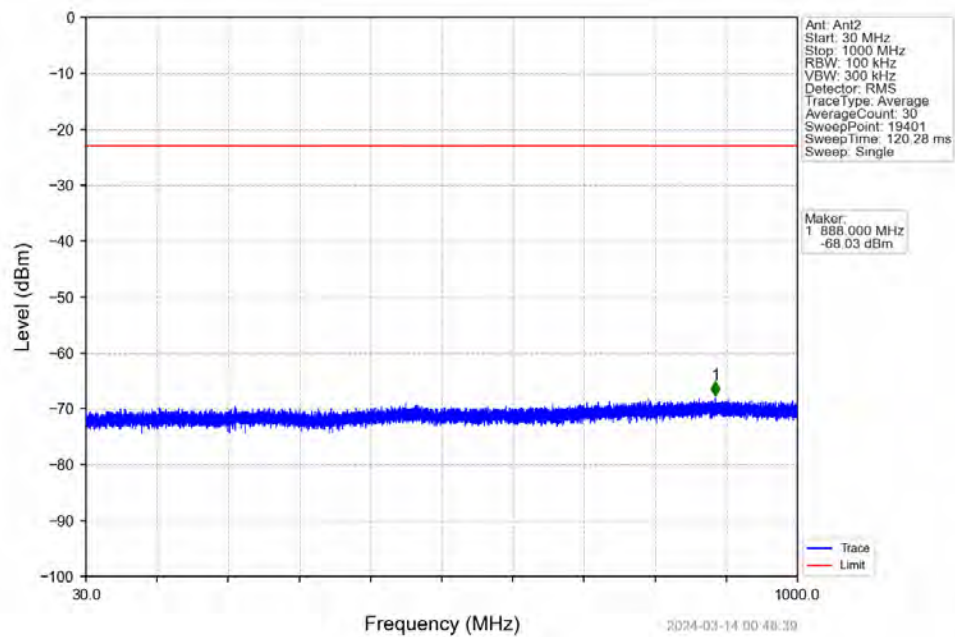
5.6.2 Test Graph



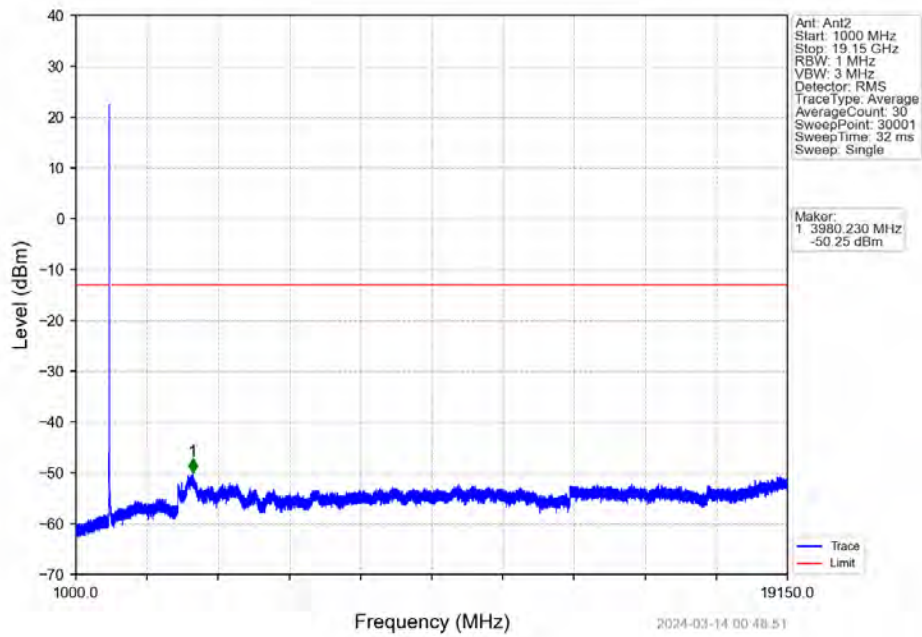
n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1865MHz Edge 1RB Left



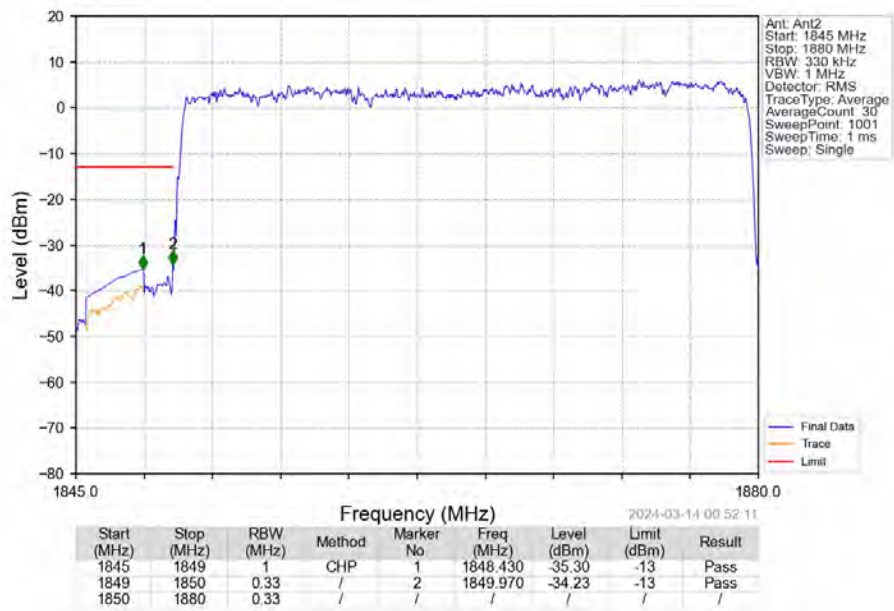
n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1865MHz Edge 1RB Left



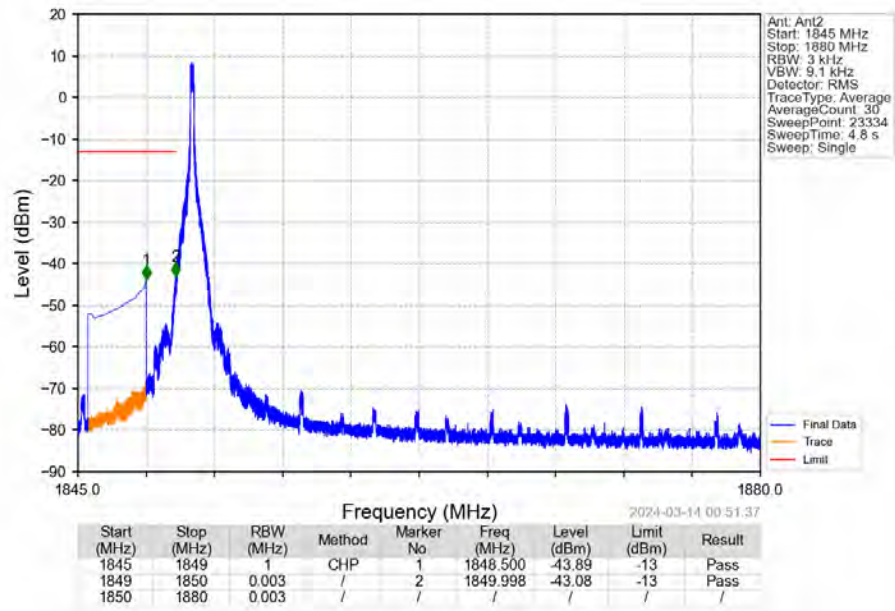
n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1865MHz Edge 1RB Left



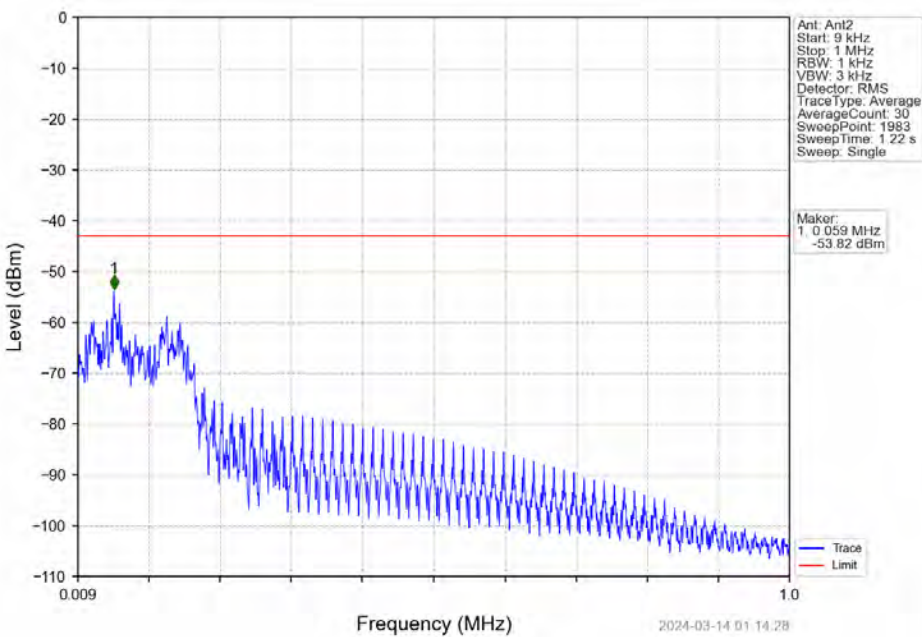
n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1865MHz Outer Full



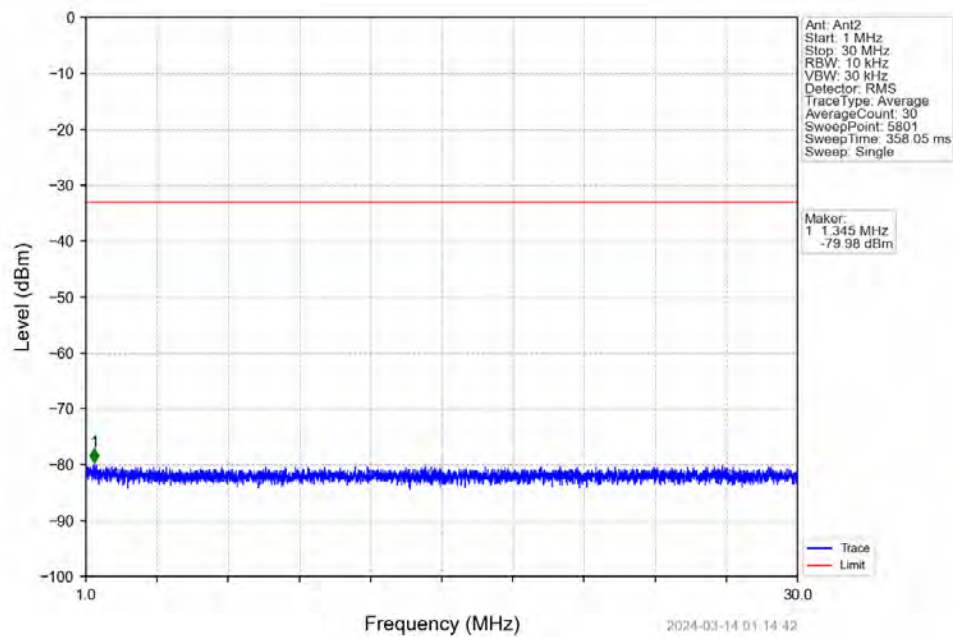
n25 15kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 1865MHz Inner 1RB Left



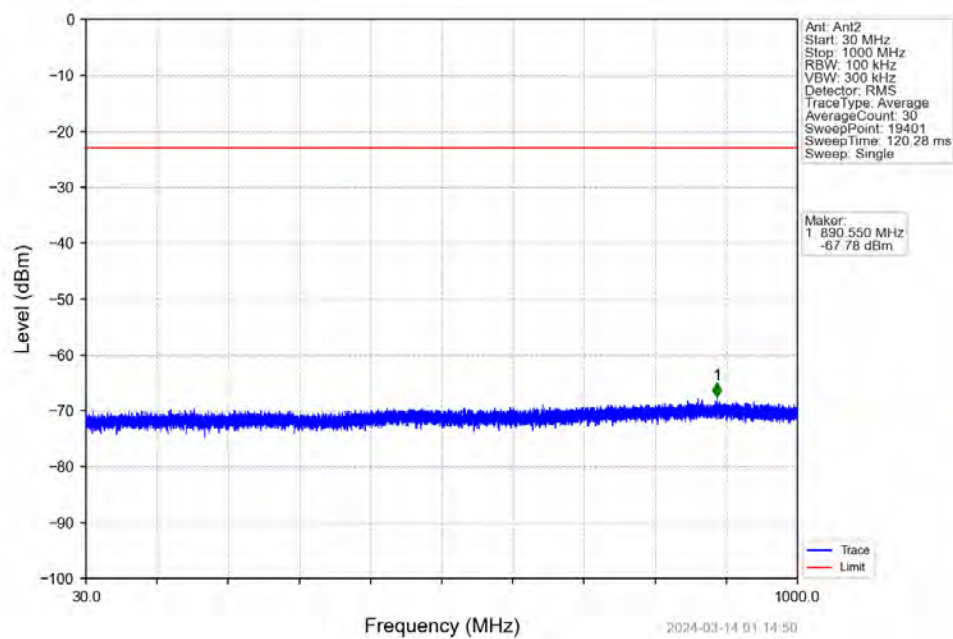
n25 15kHz SISO NTVN 30MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



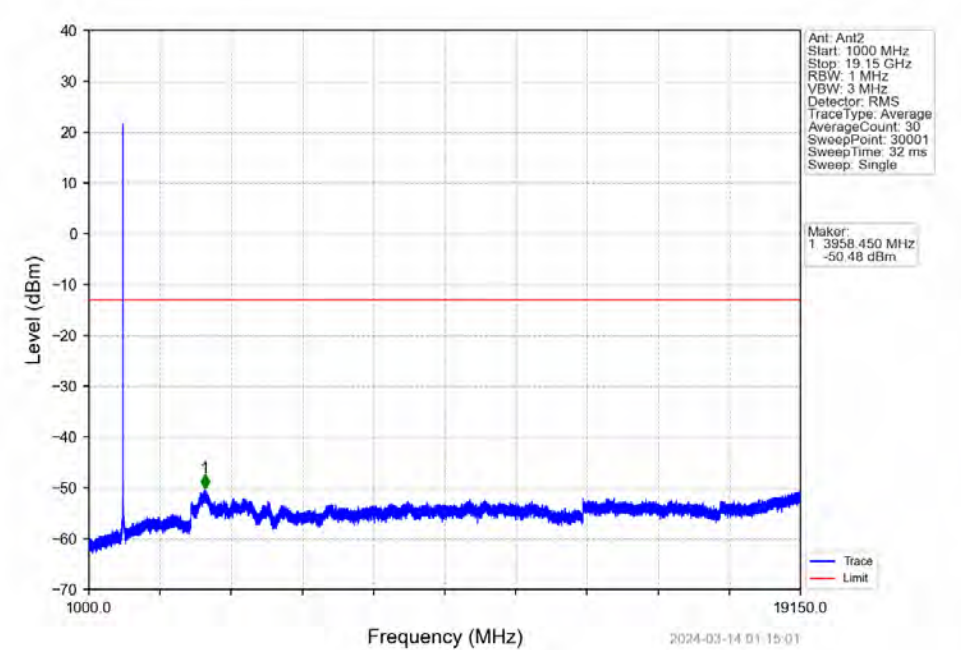
n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1882.5MHz Edge 1RB Left



n25 15kHz SISO NTN 30MHz DFT-s-OFDM PI/2 BPSK 1900MHz Edge 1RB Right

