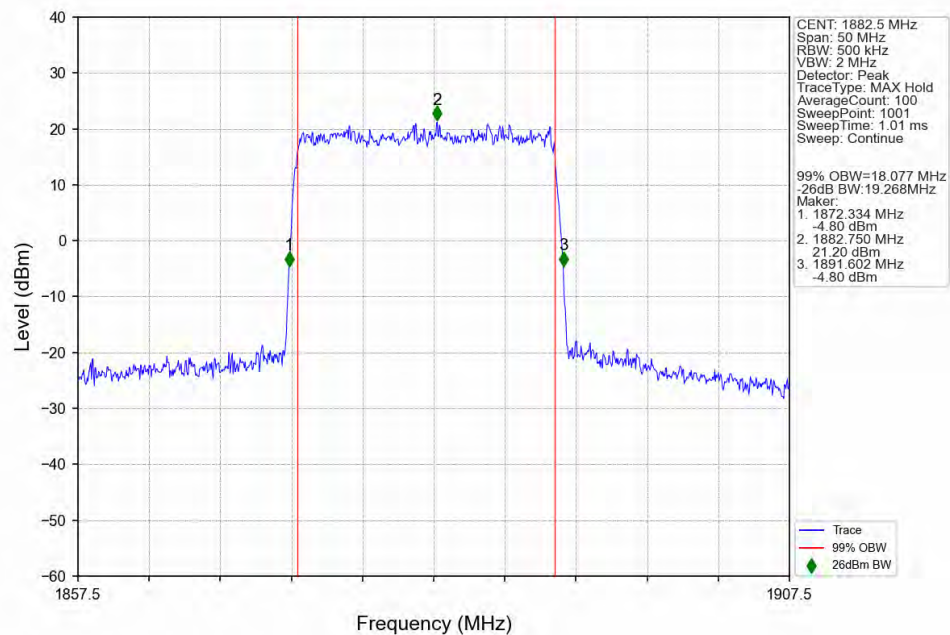
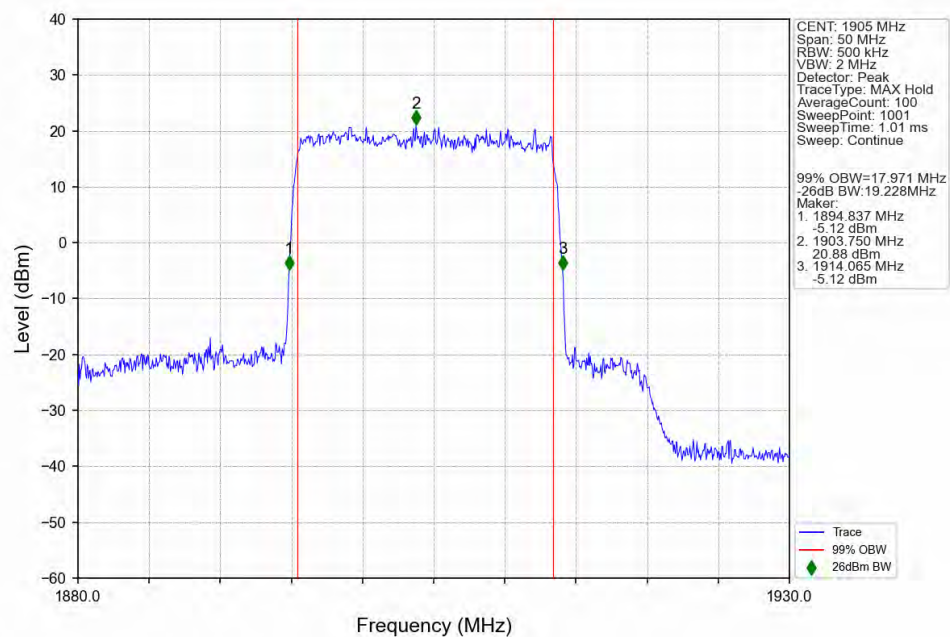


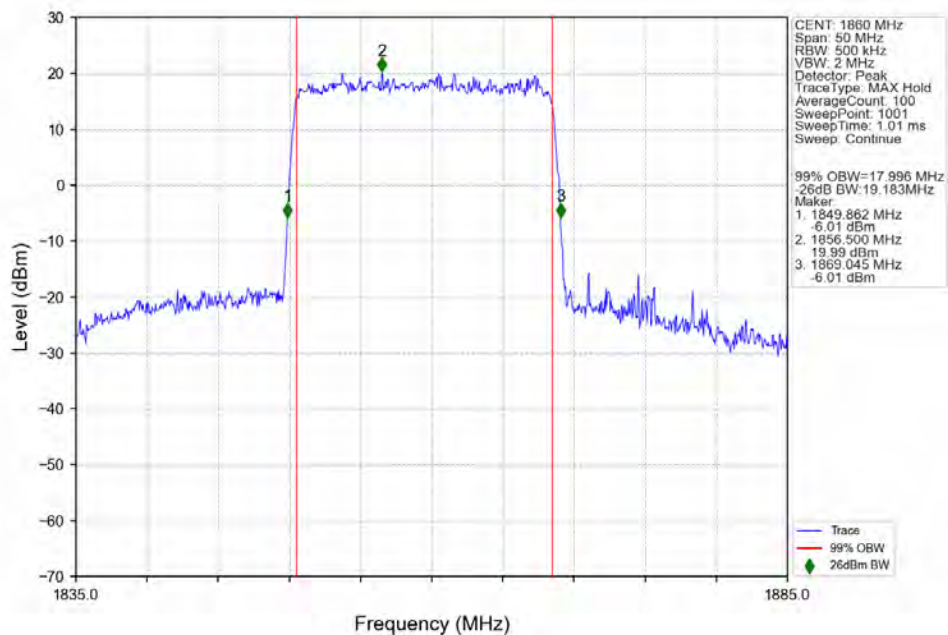
n25 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 1882.5MHz Outer Full Ant1



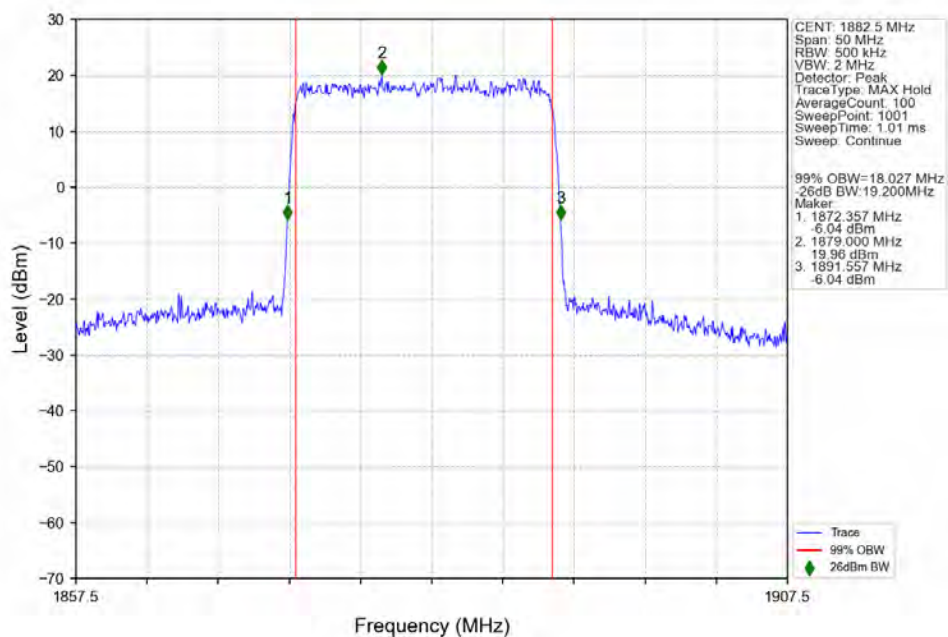
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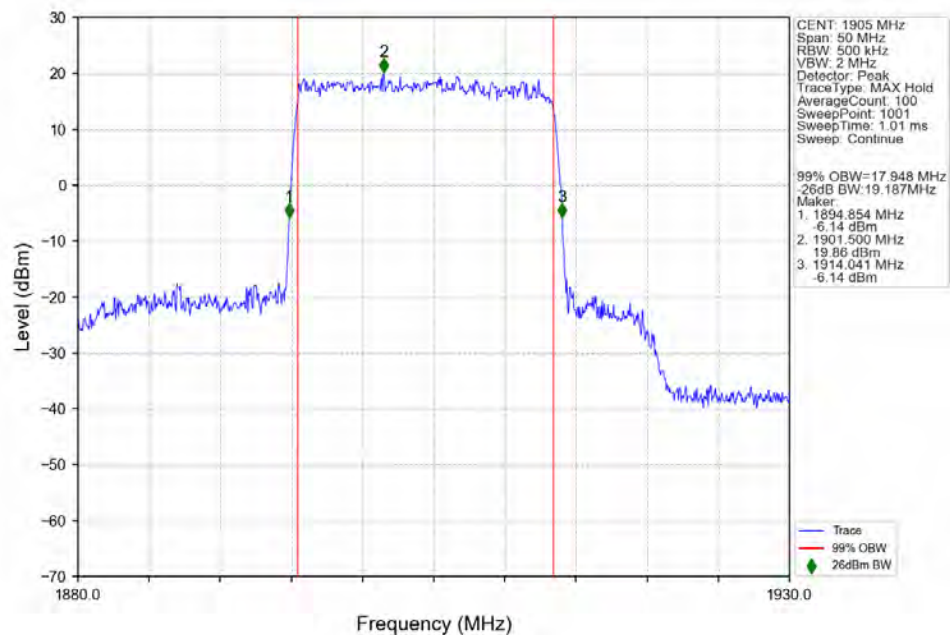
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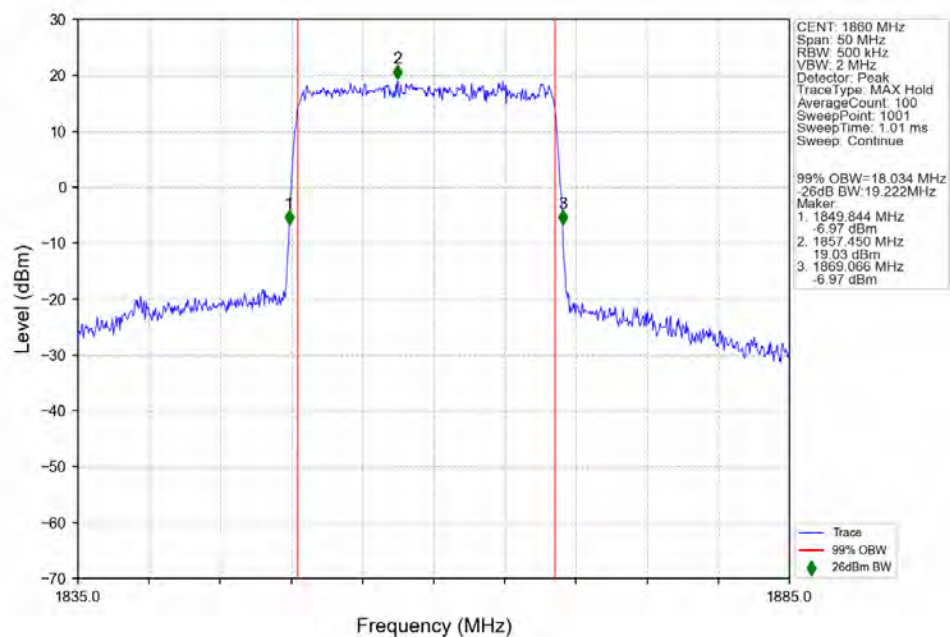
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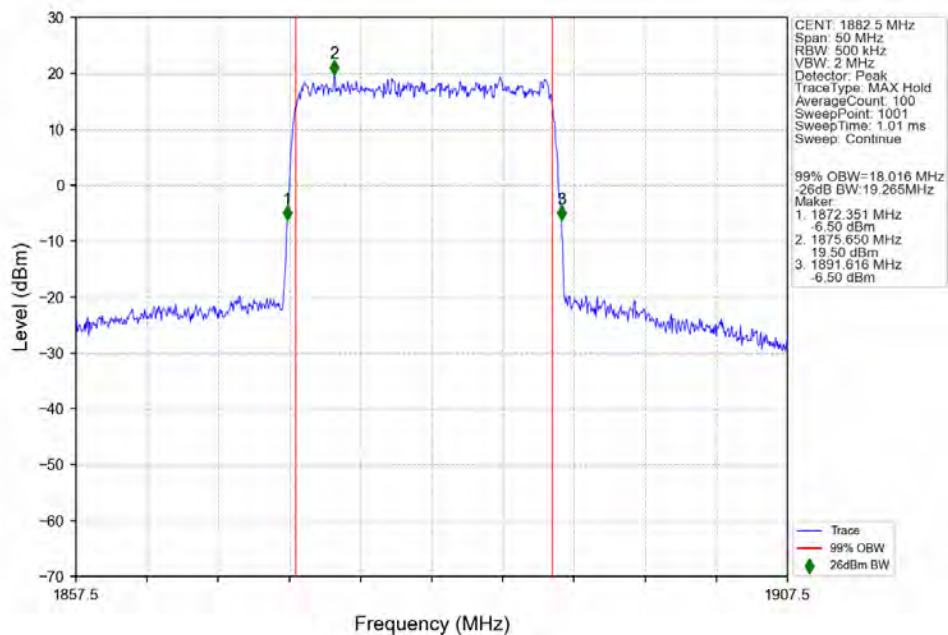
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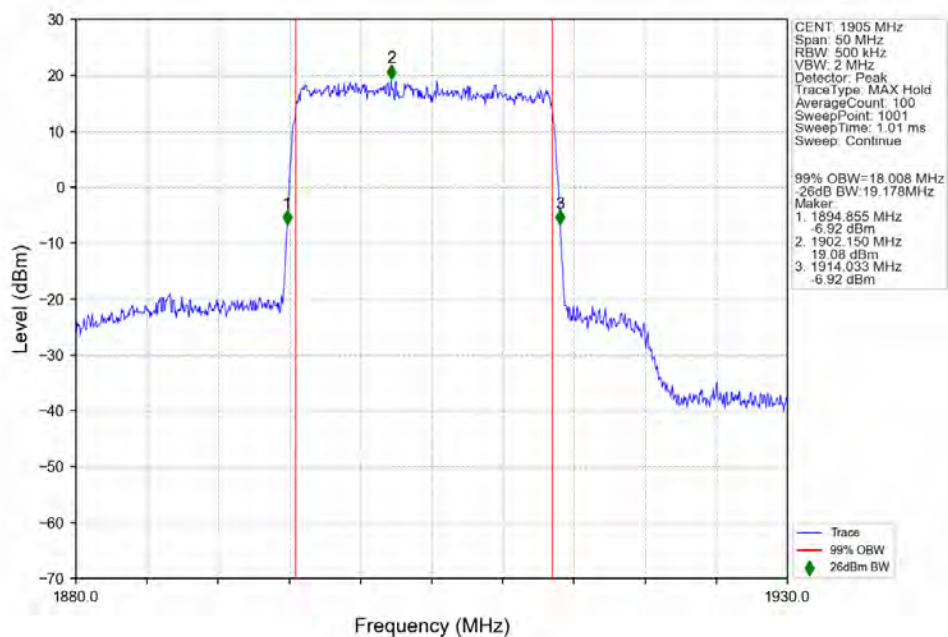
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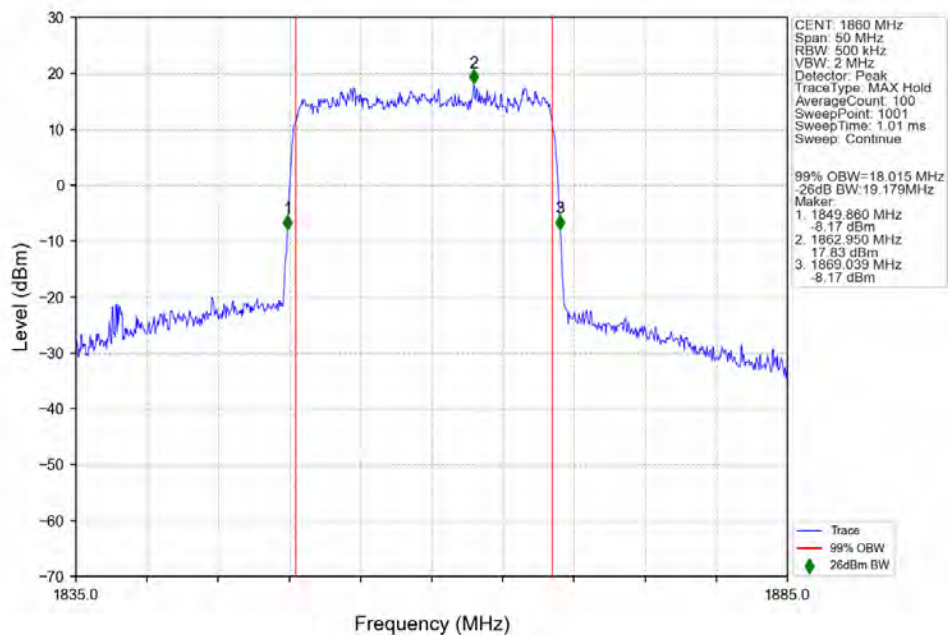
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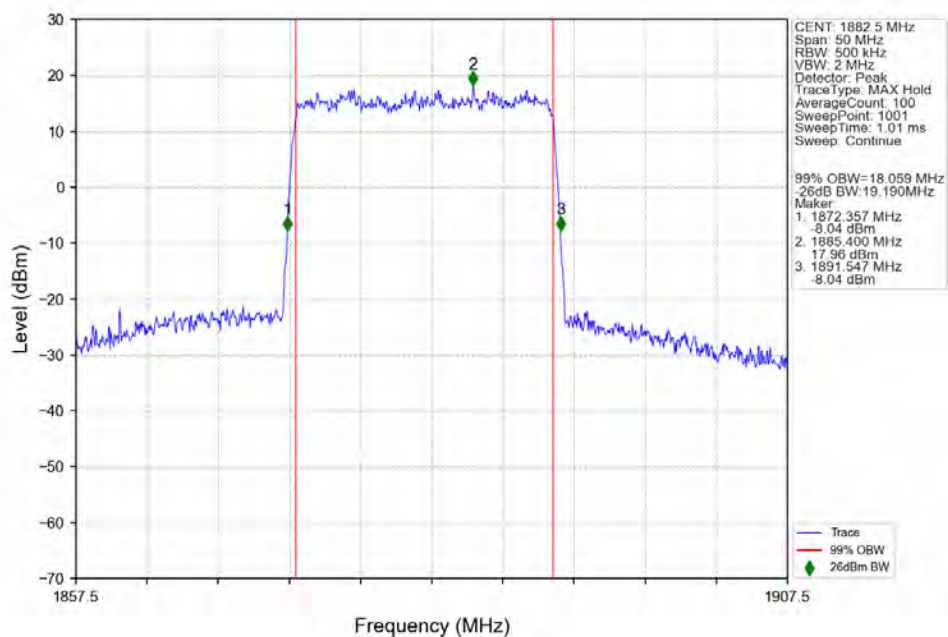
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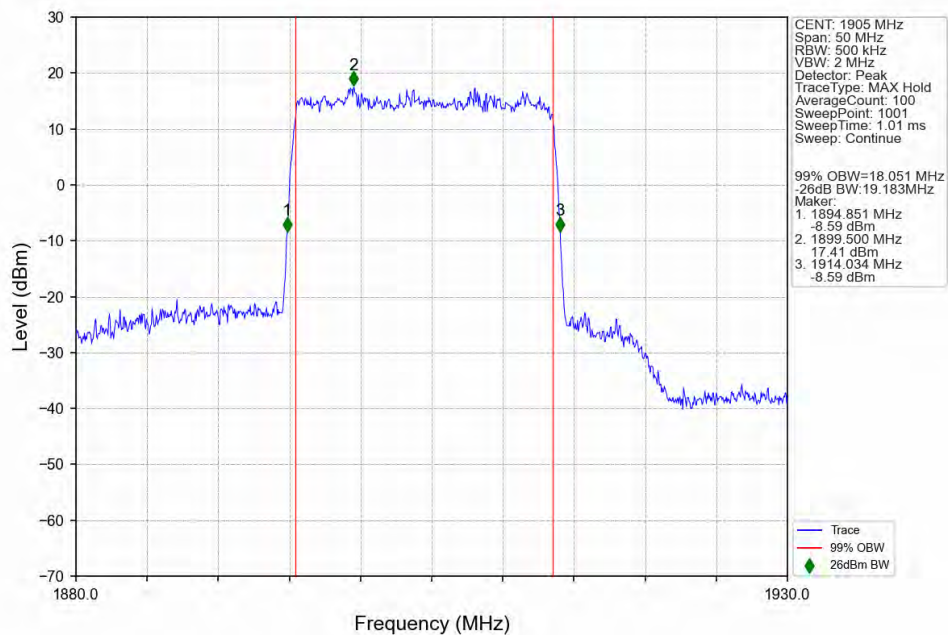
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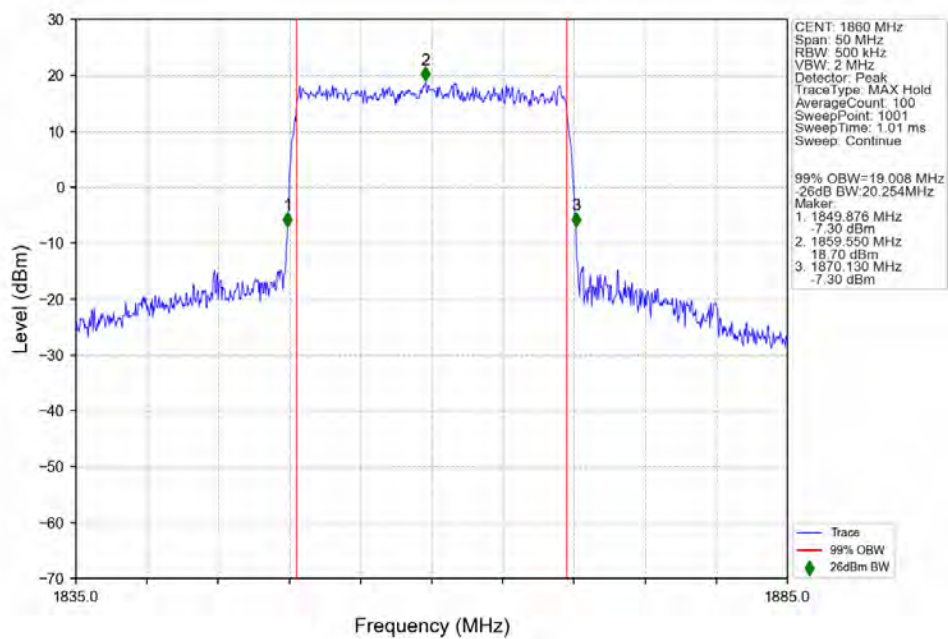
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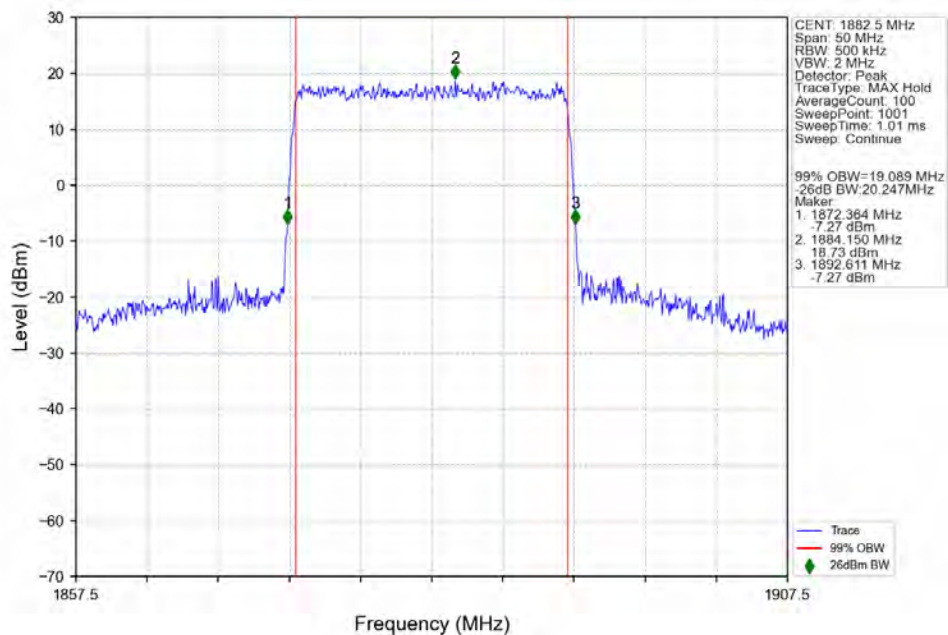
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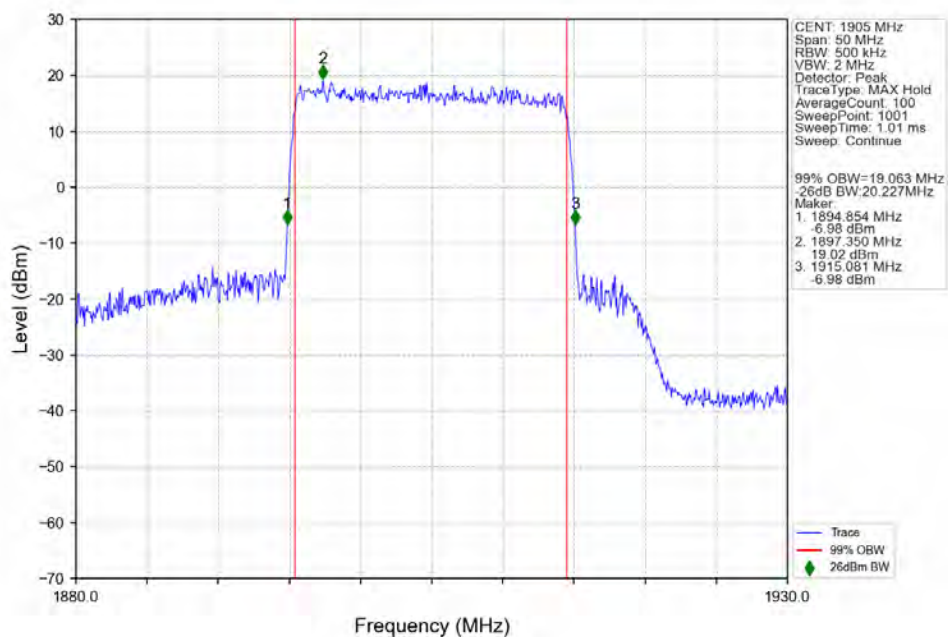
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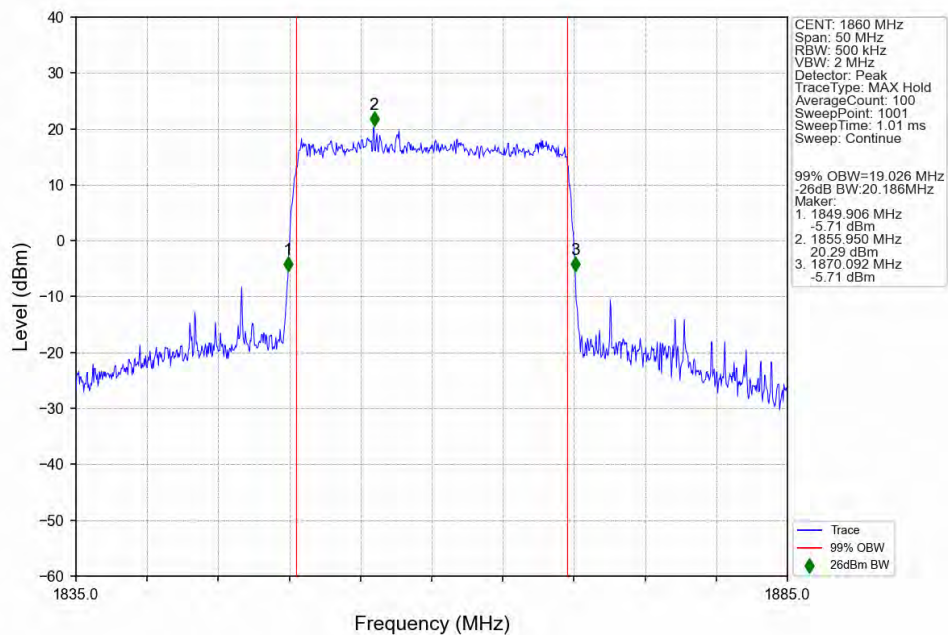
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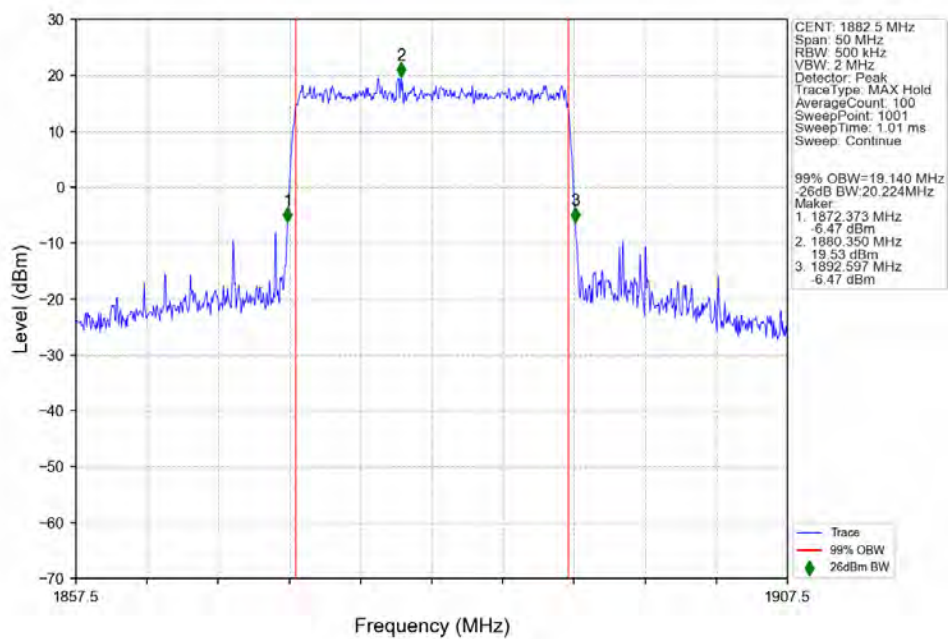
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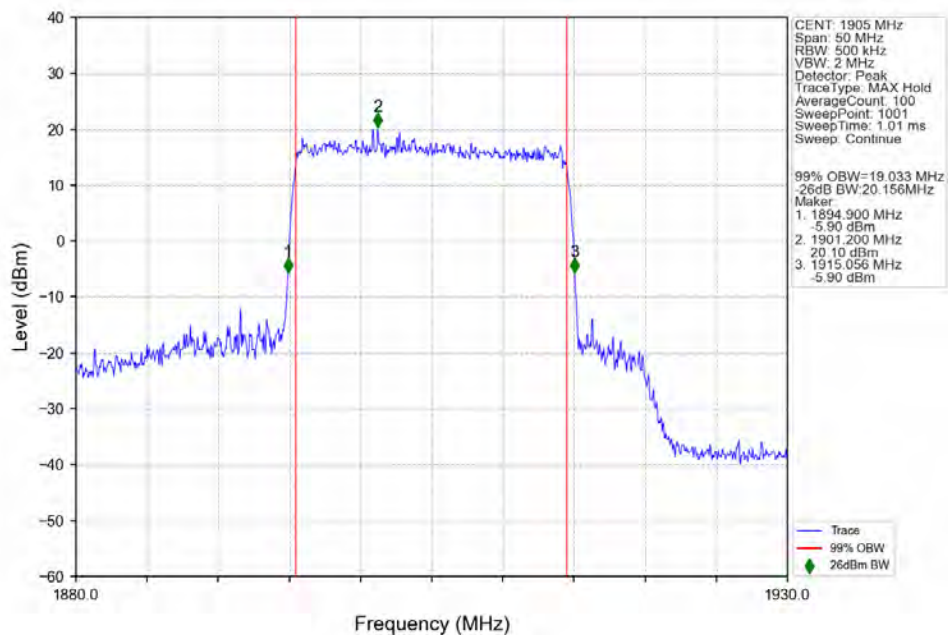
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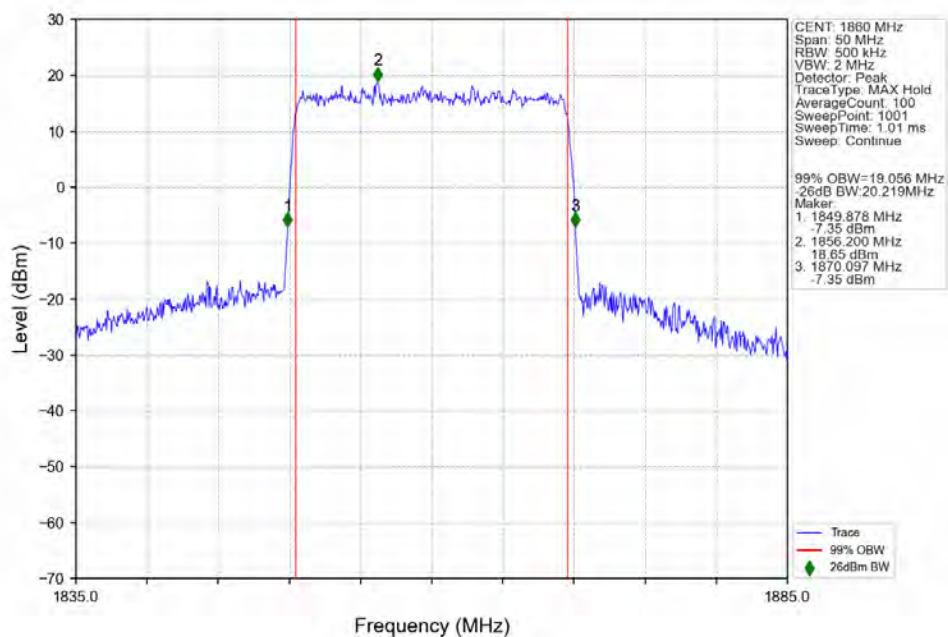
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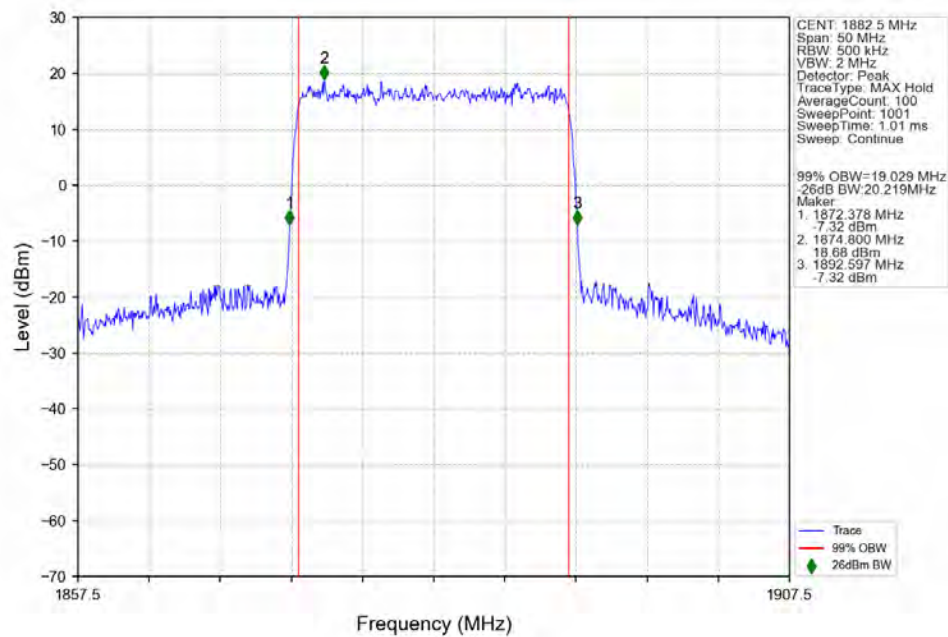
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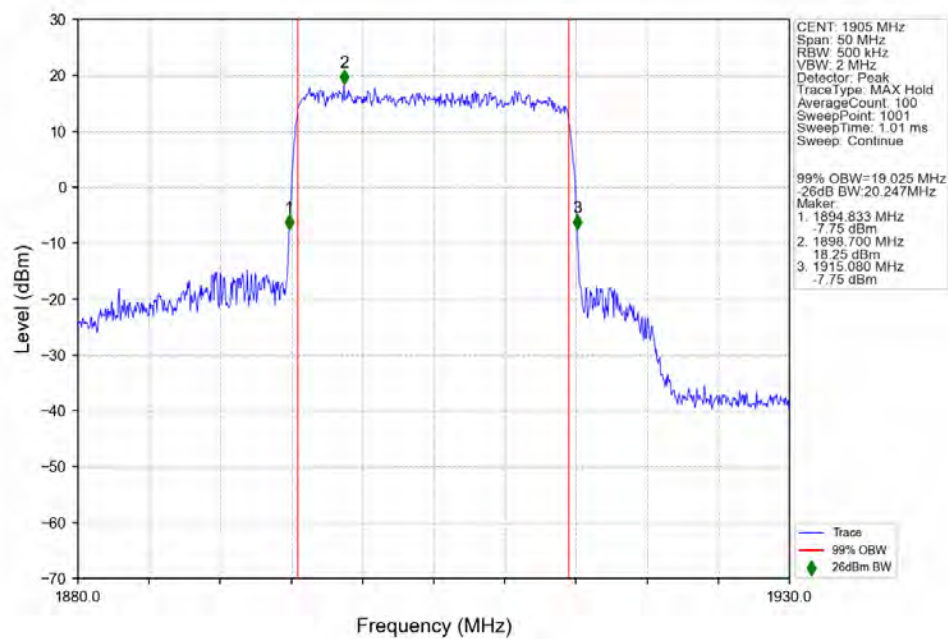
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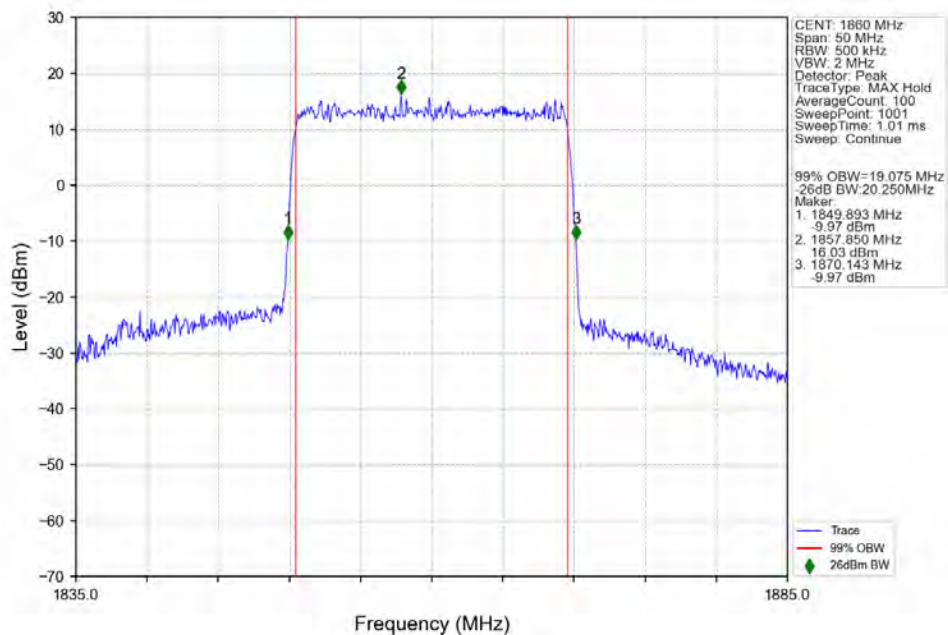
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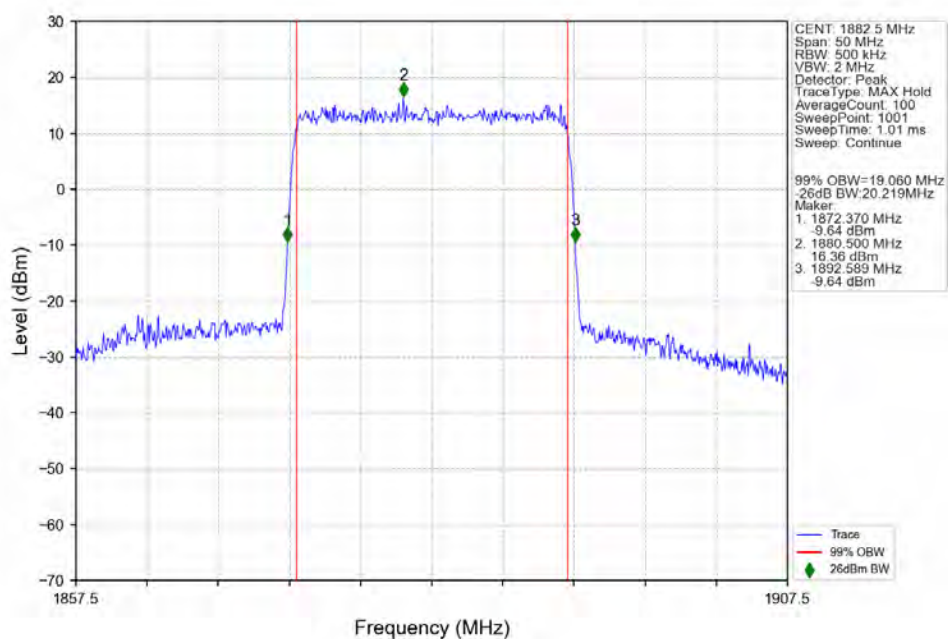
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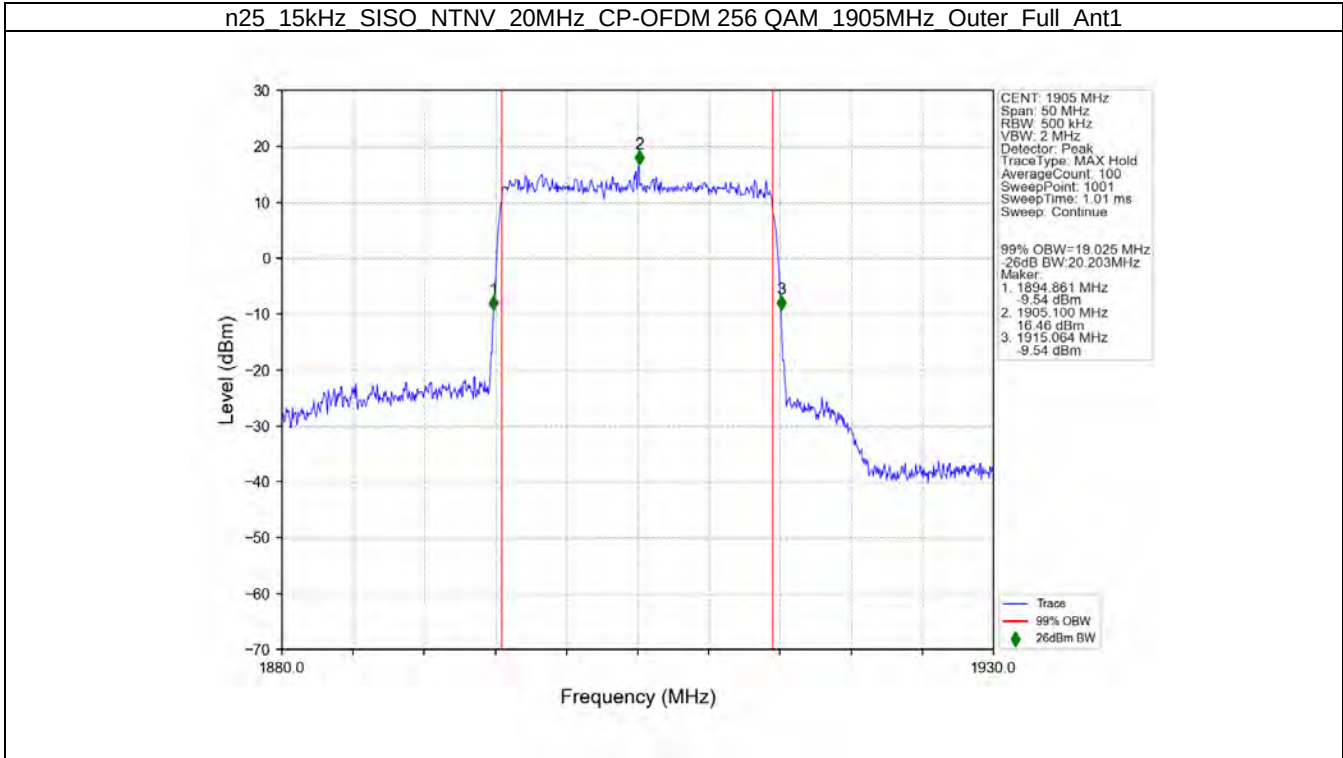


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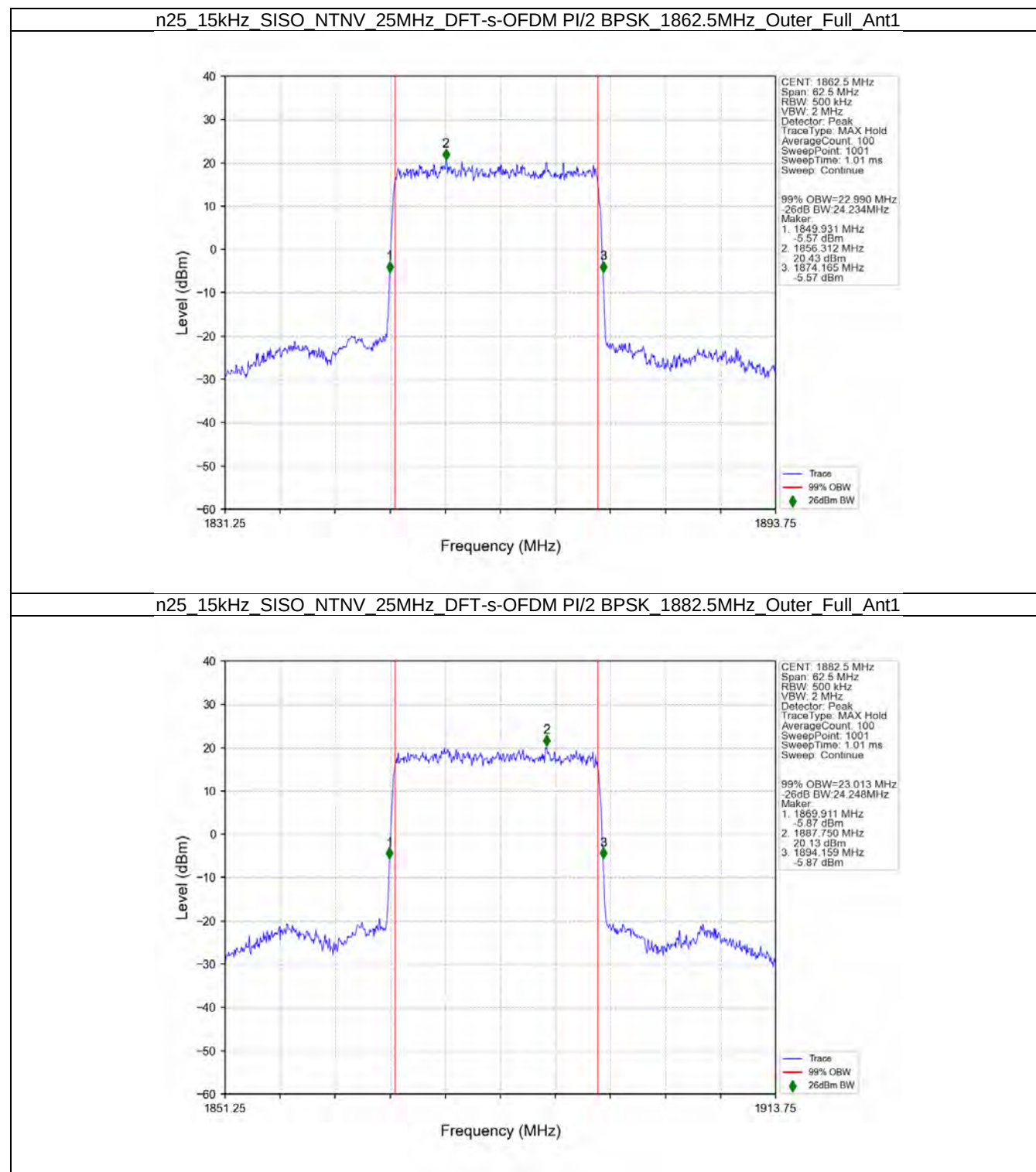


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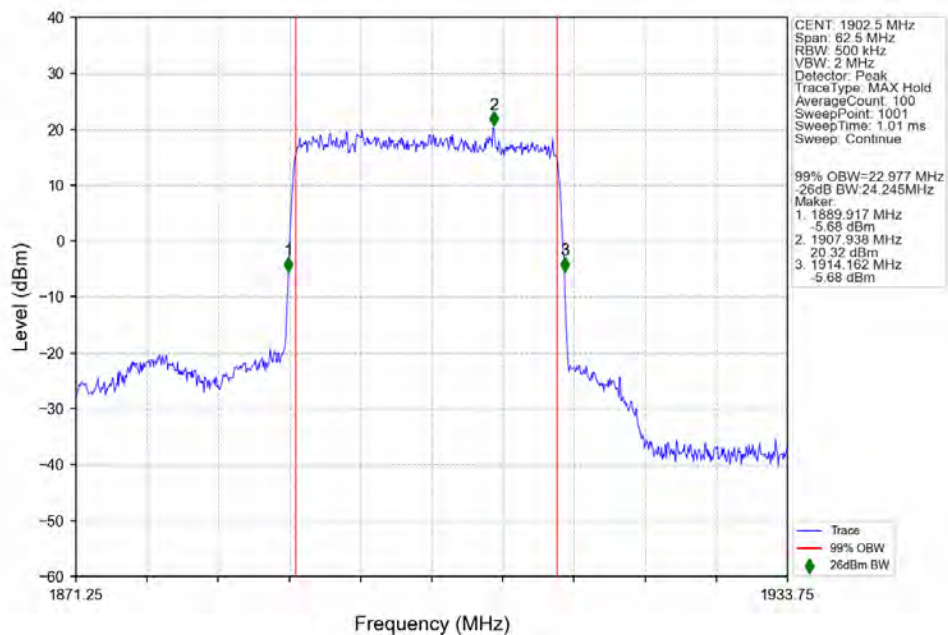




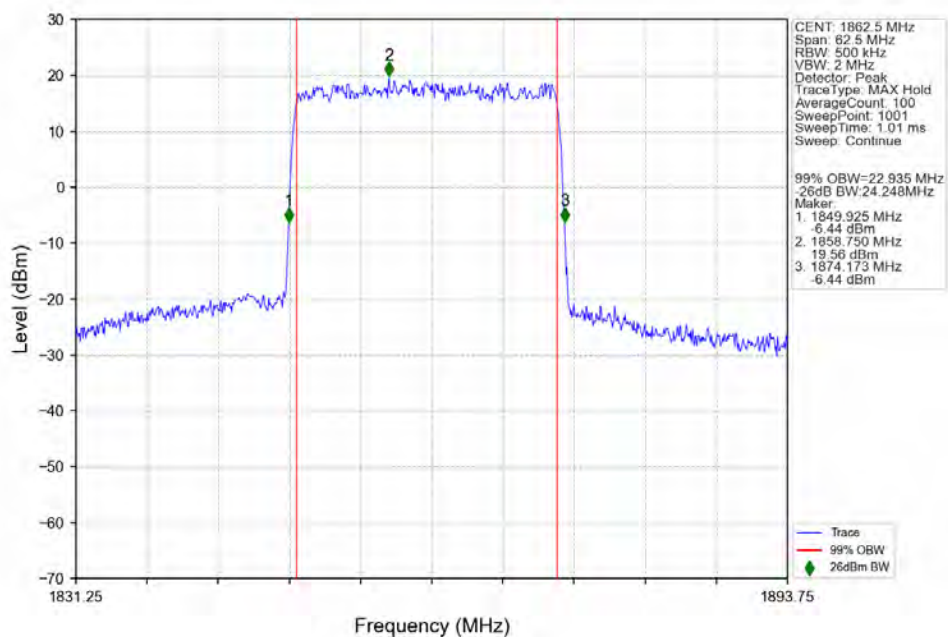
3.2.5 15k_SISO_25MHz_NTNV



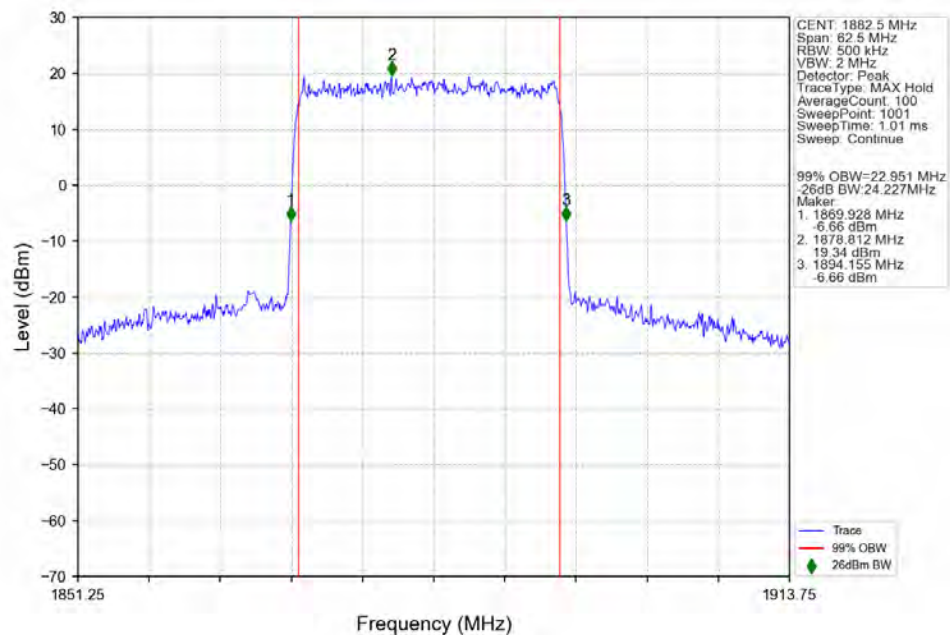
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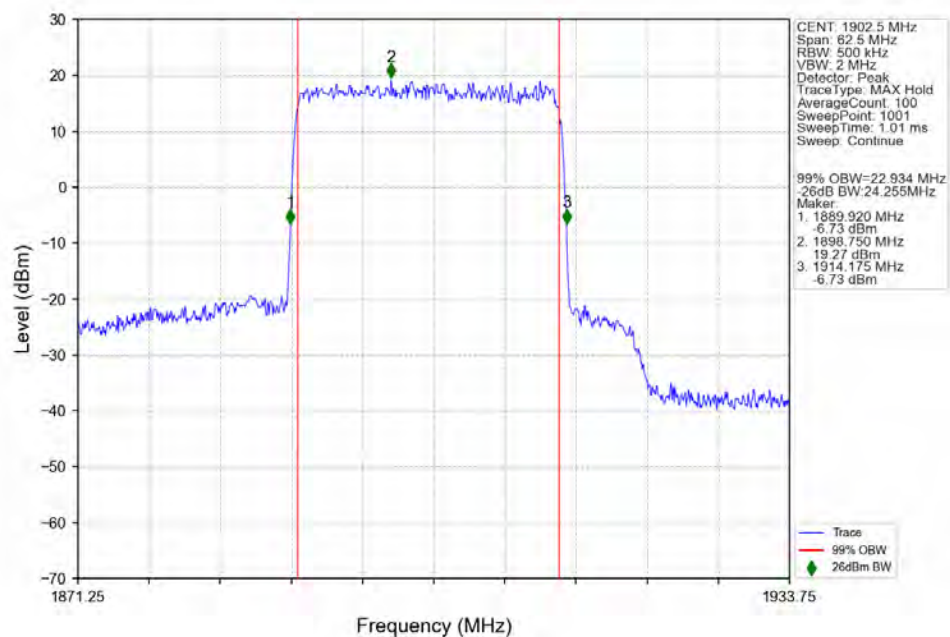
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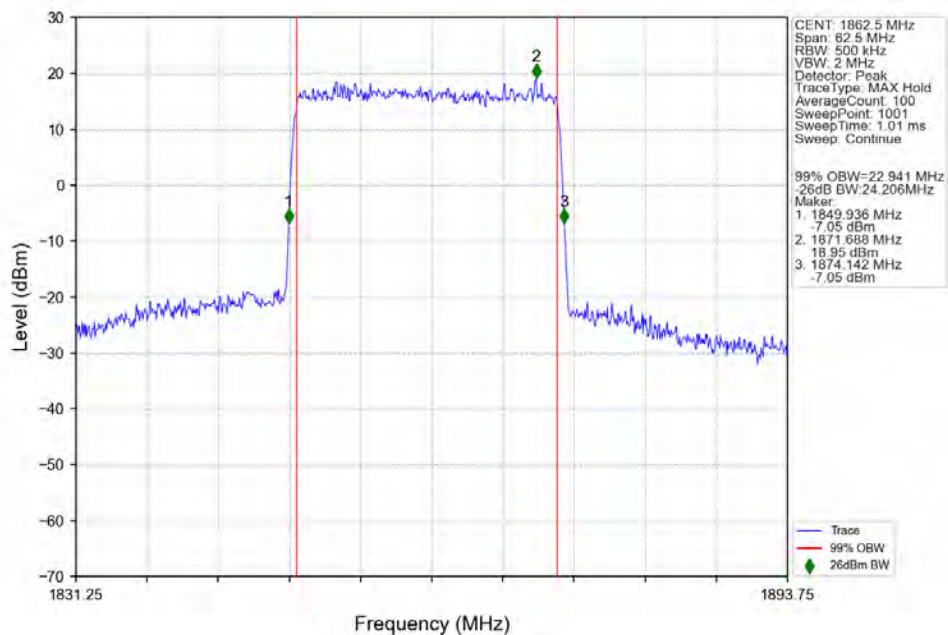
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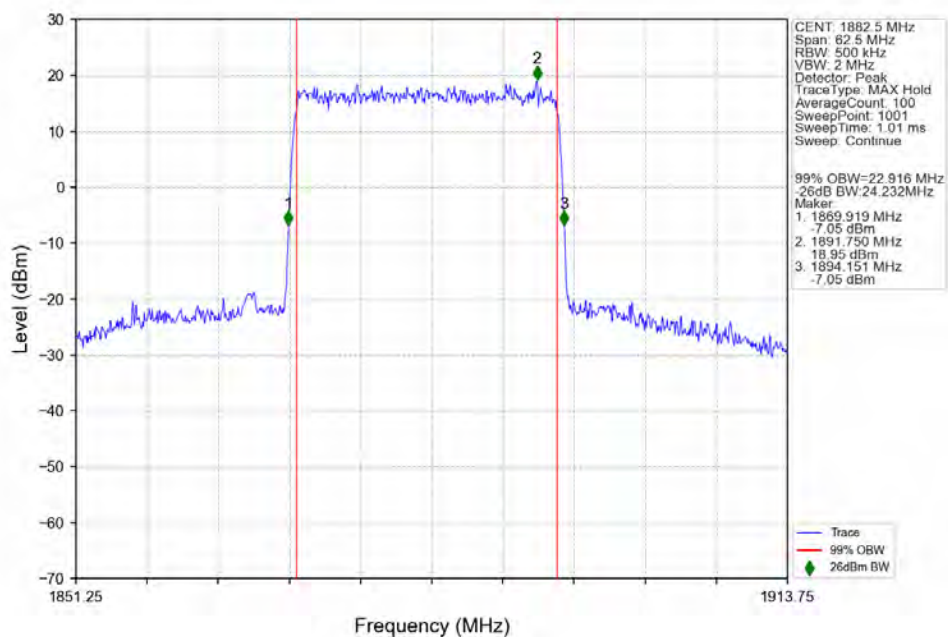
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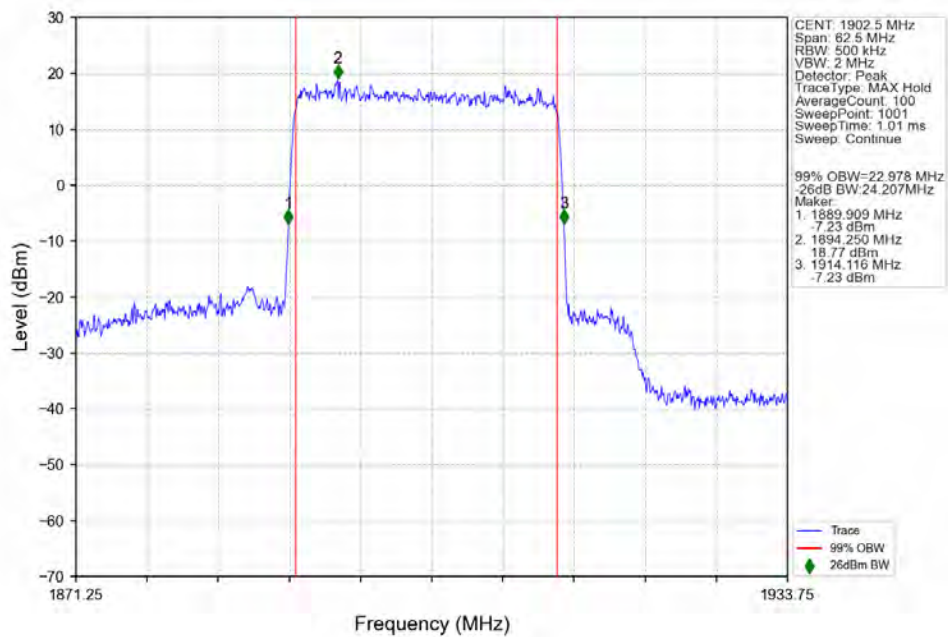
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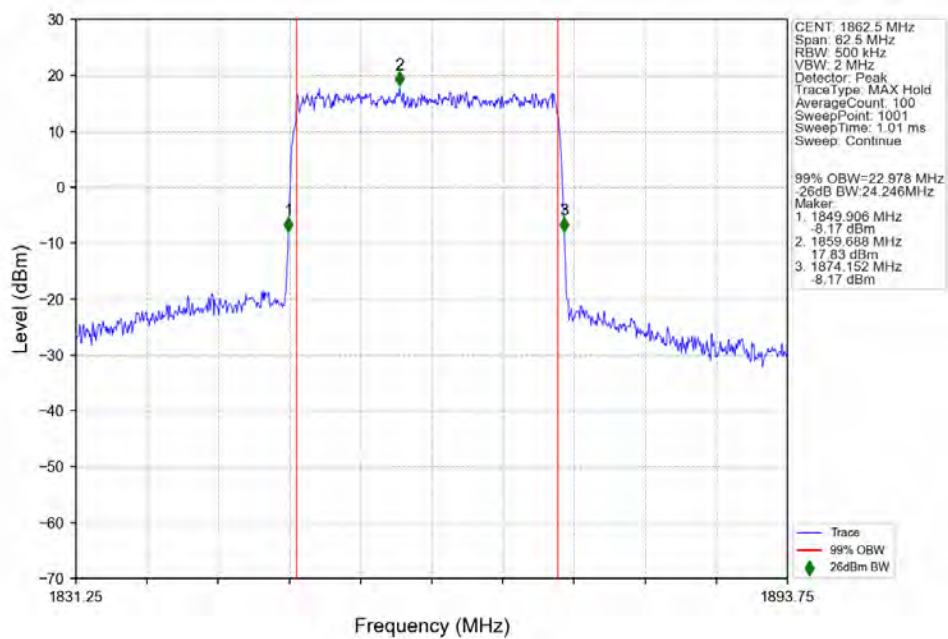
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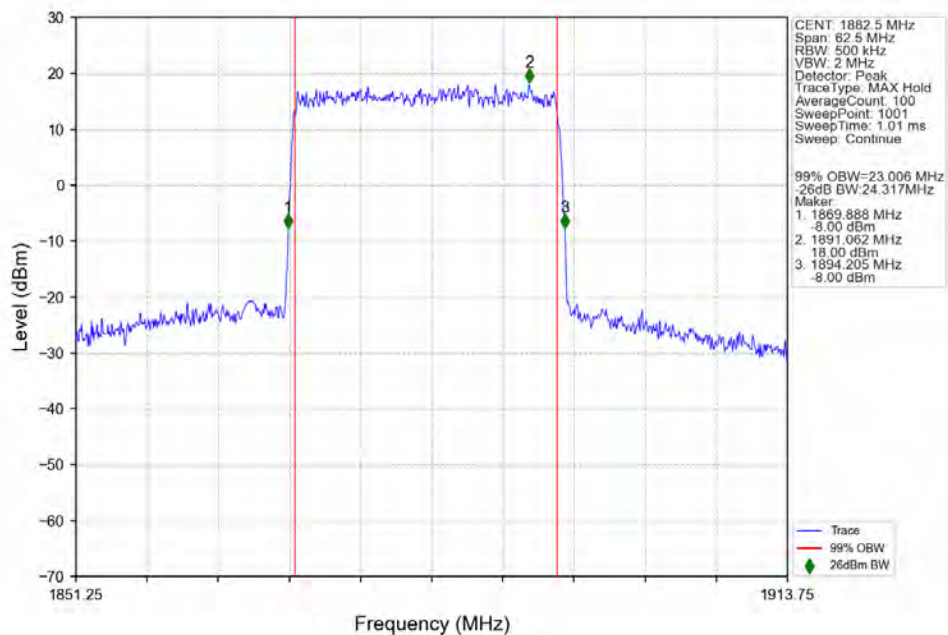
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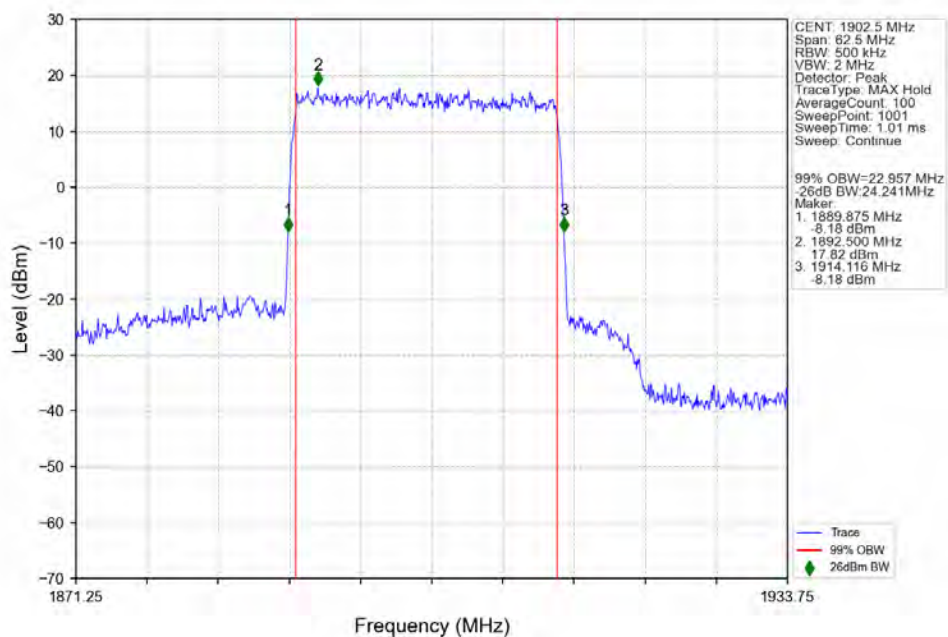
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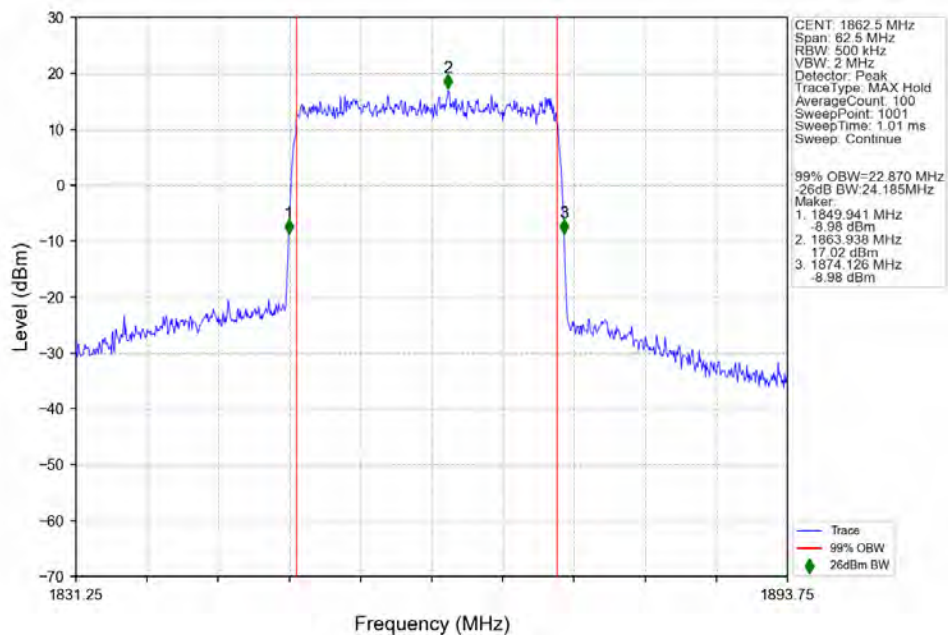
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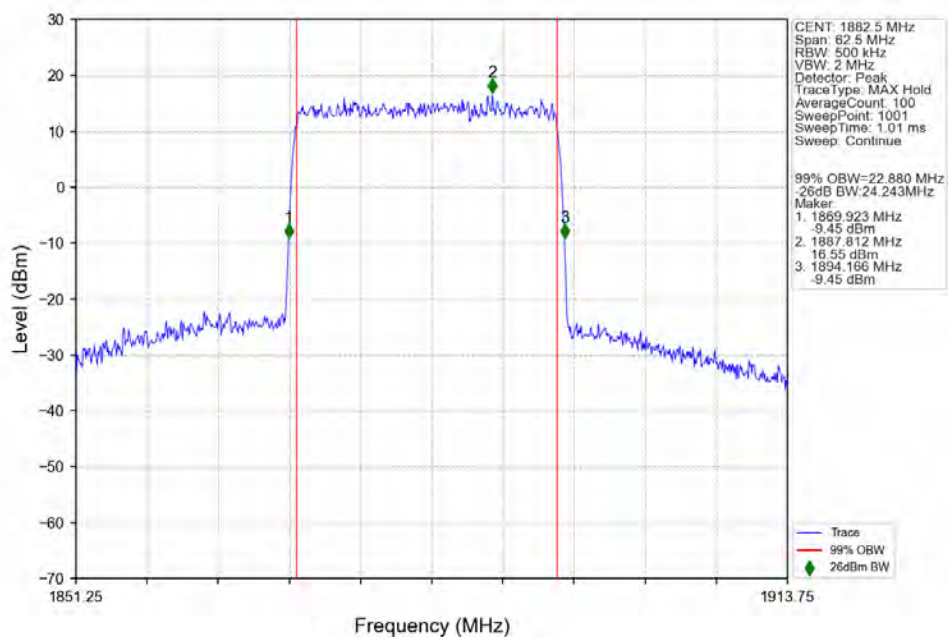
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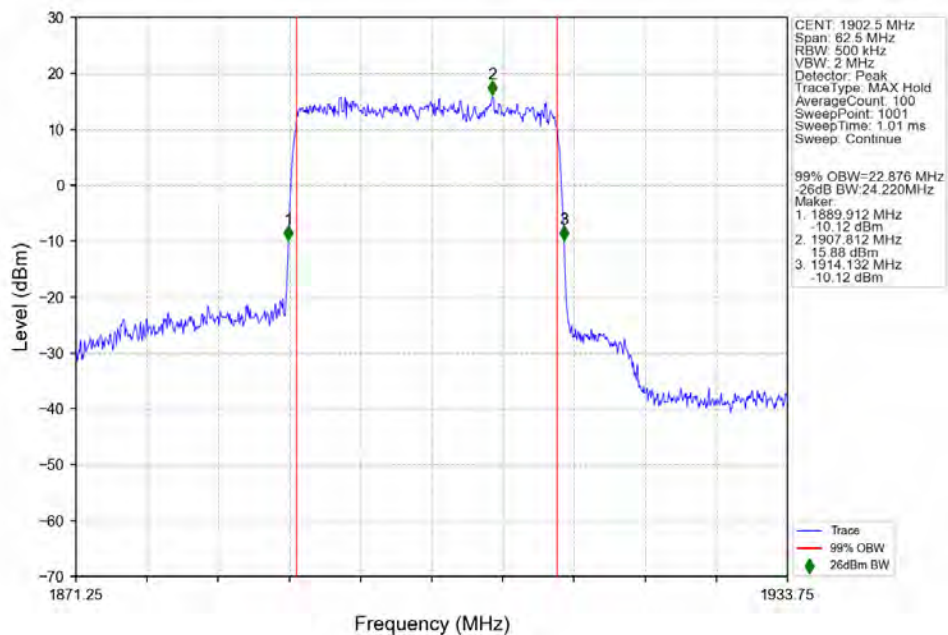
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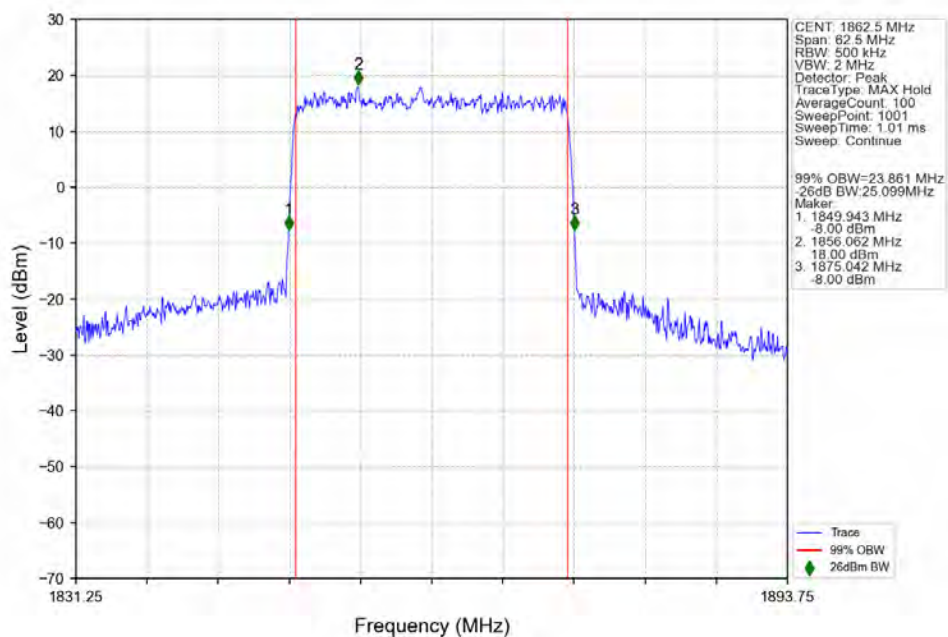
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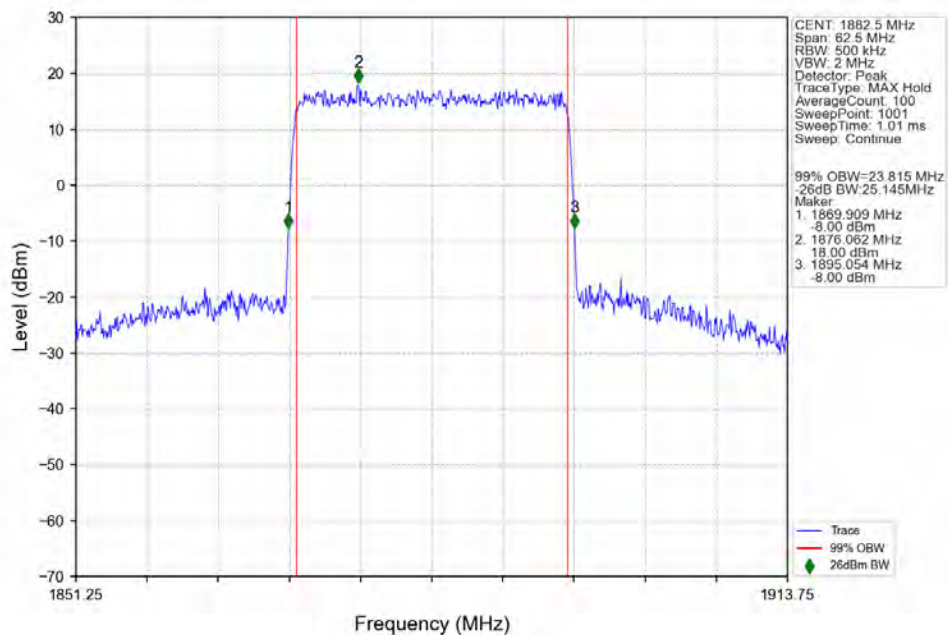
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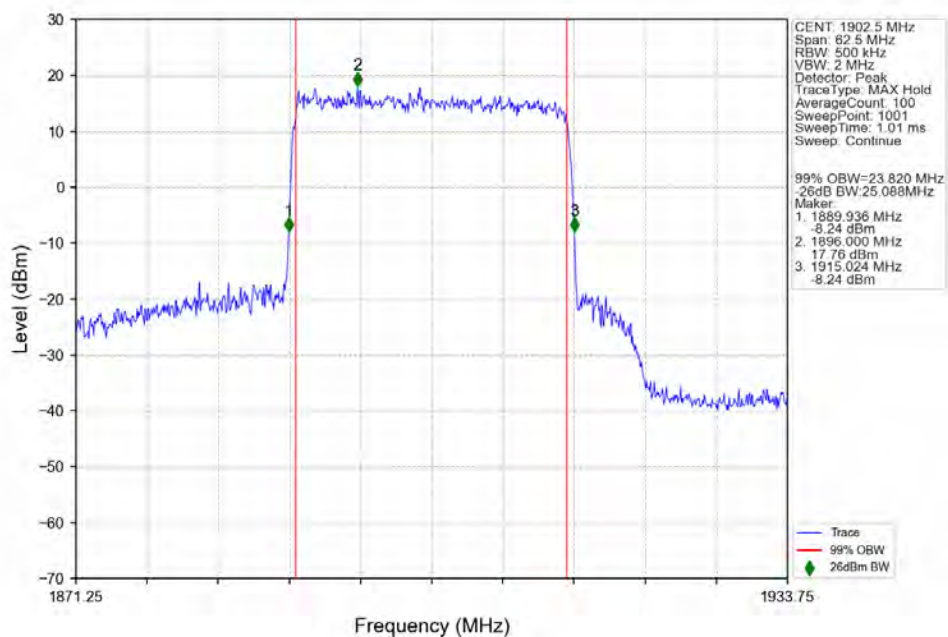
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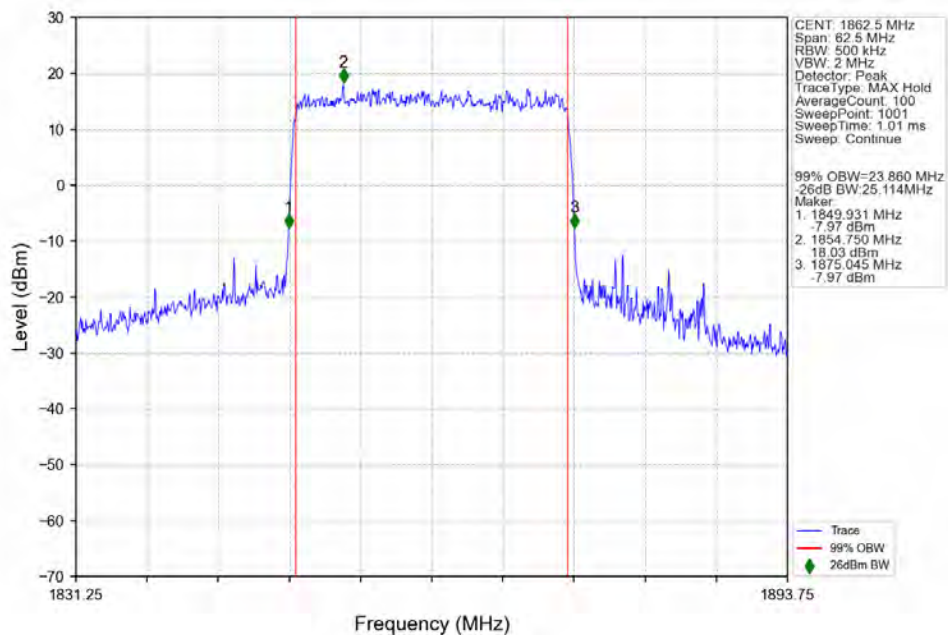
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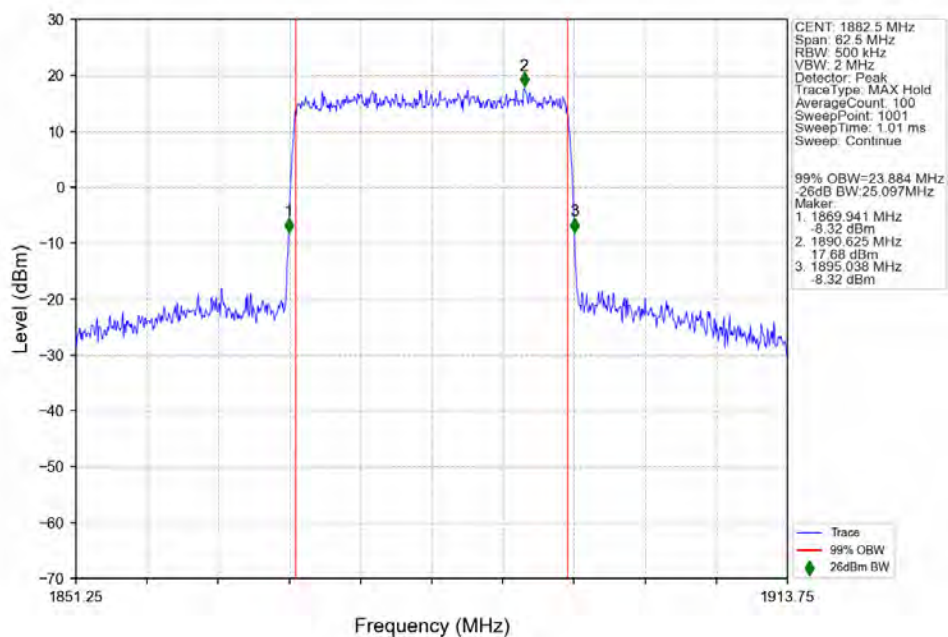
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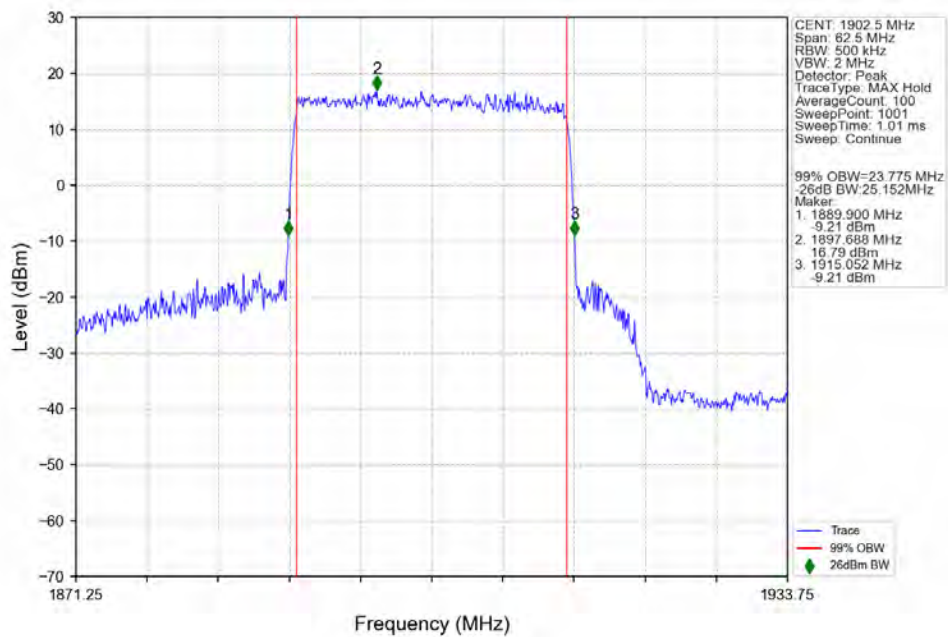
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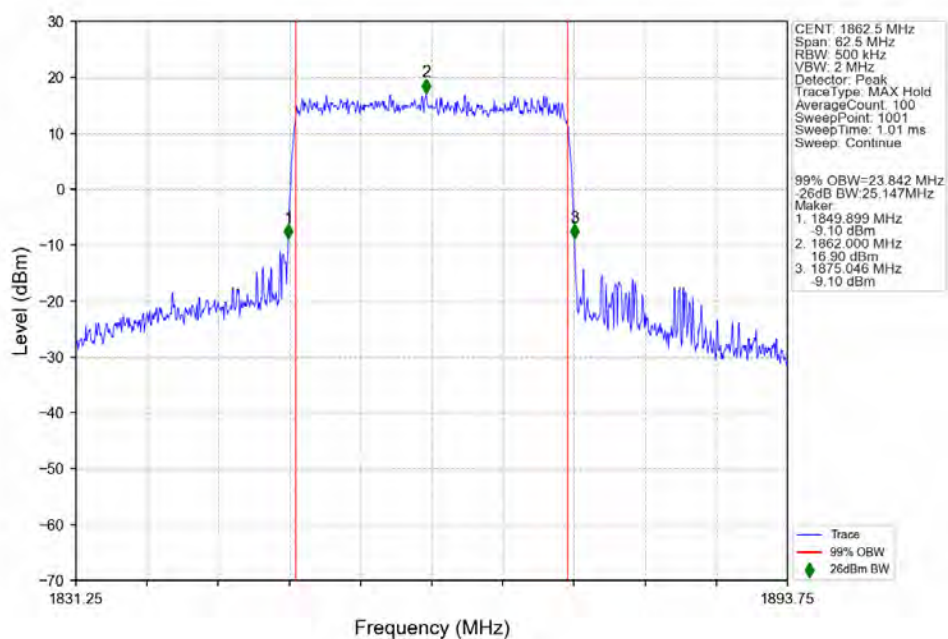
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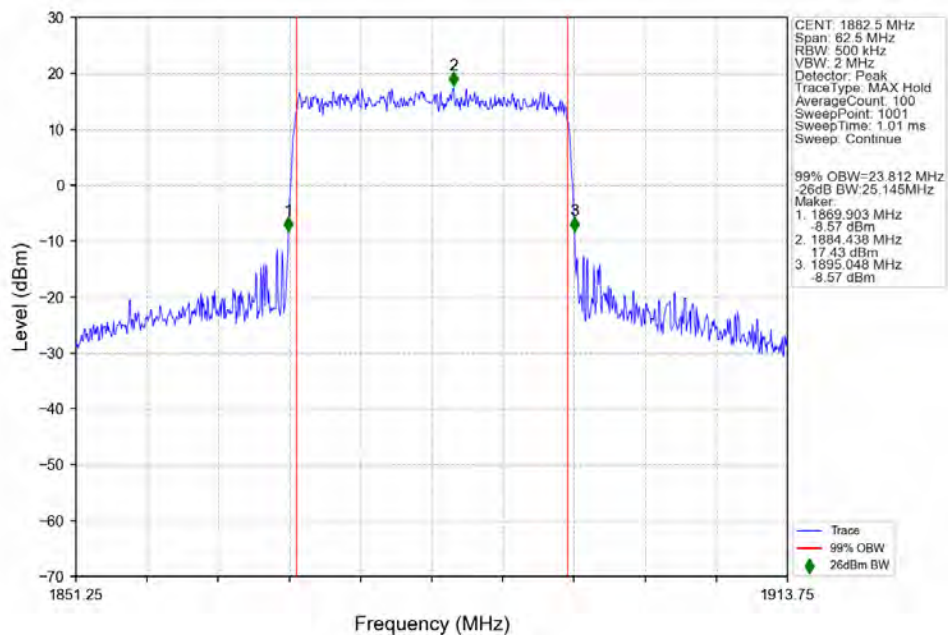
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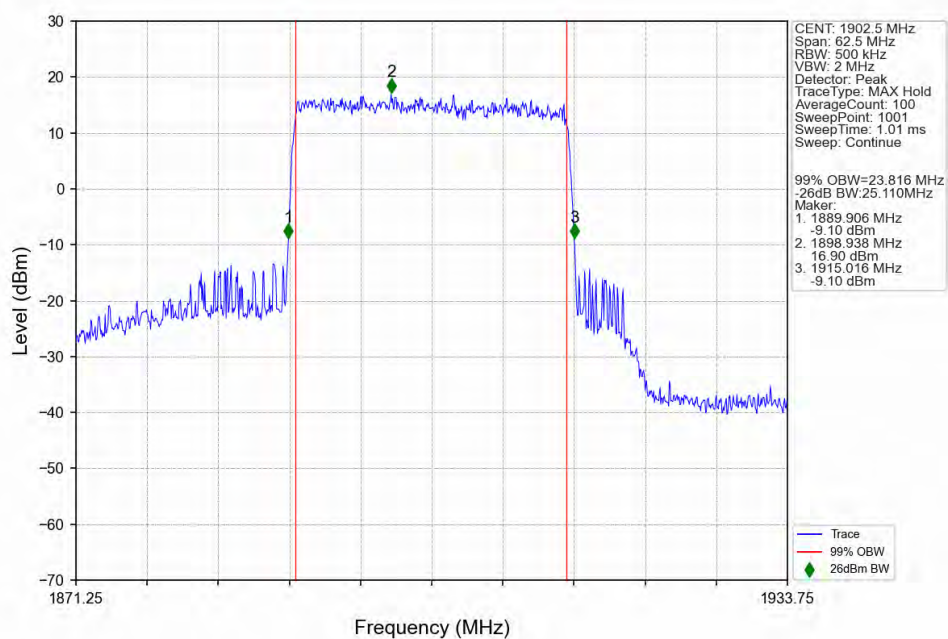
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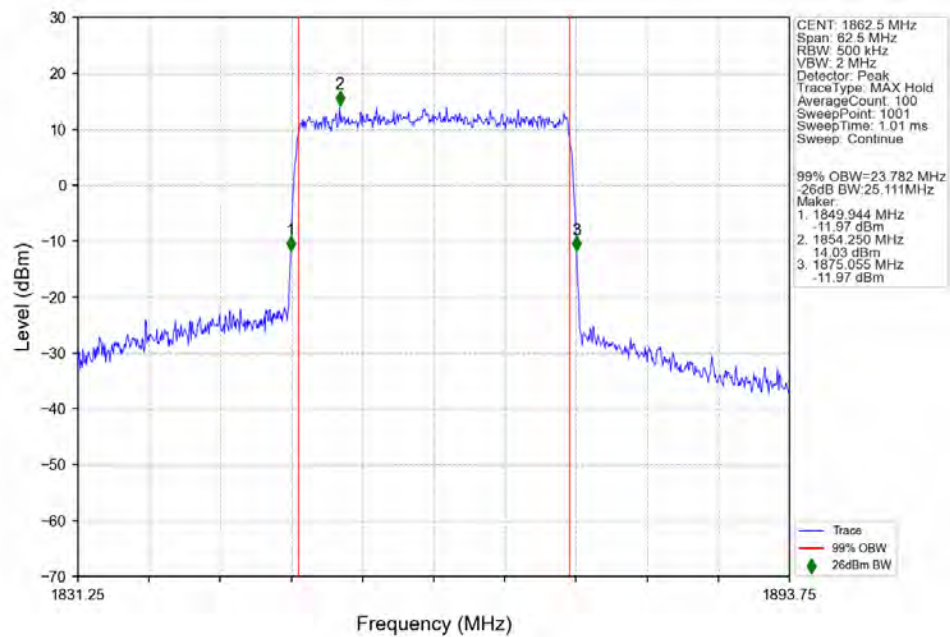
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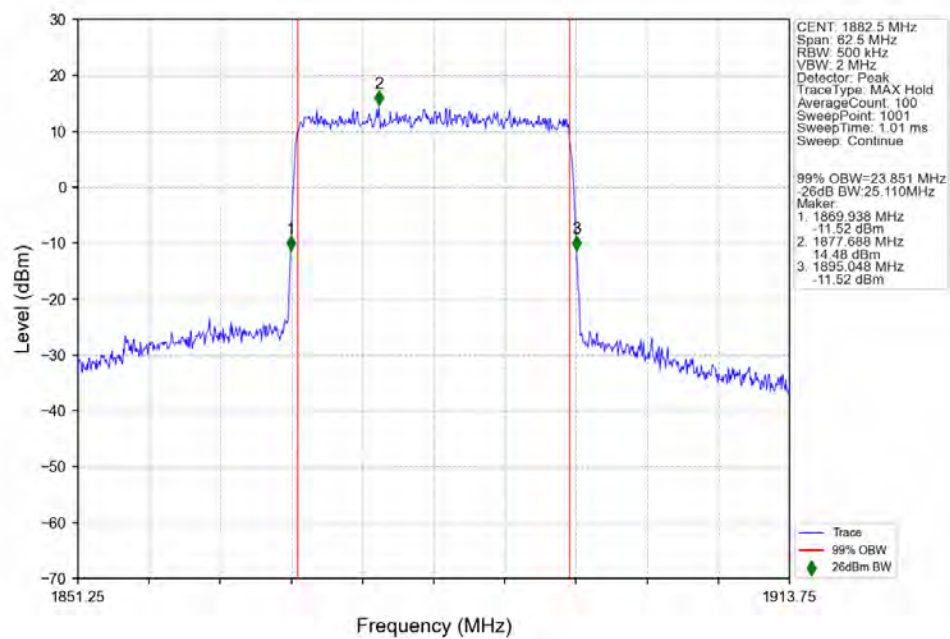
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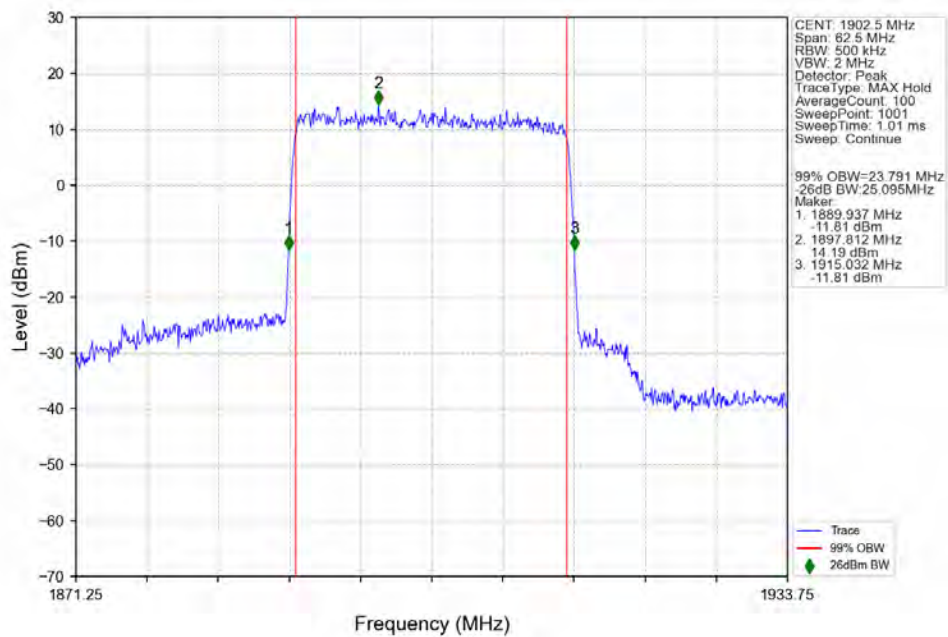
n25_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_1862.5MHz_Outer_Full_Ant1



n25_15kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant1

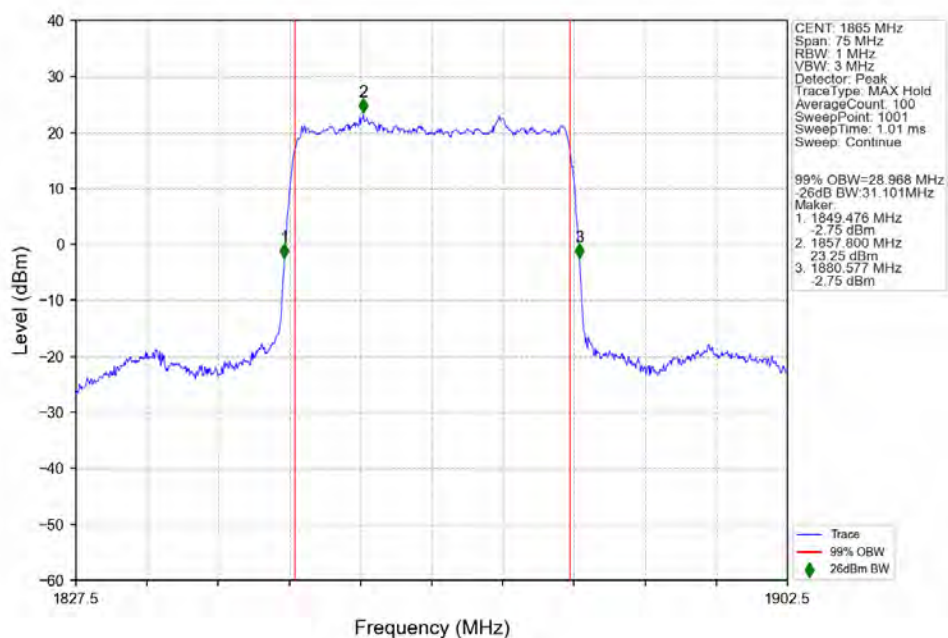


n25 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 1902.5MHz Outer Full Ant1

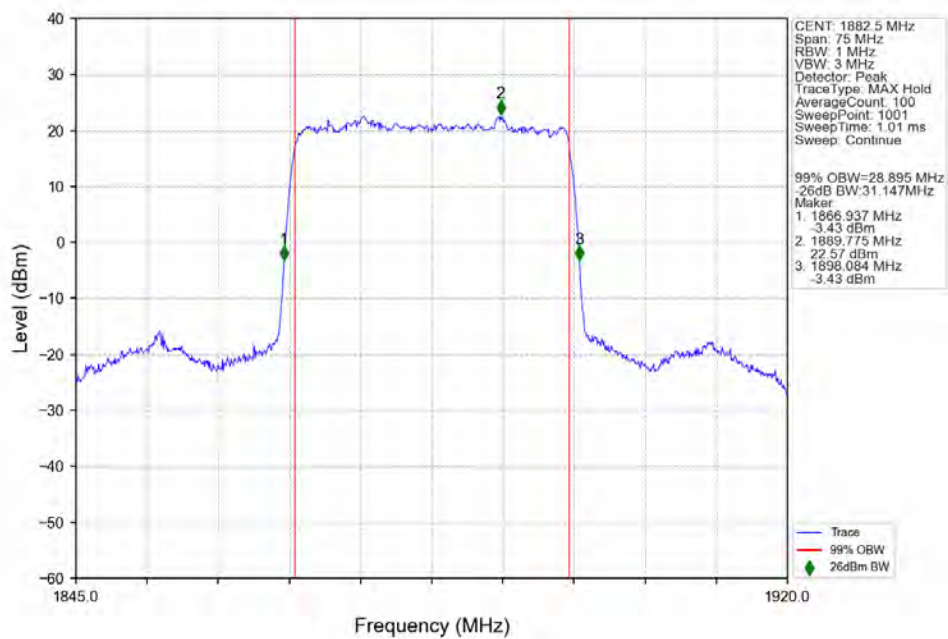


3.2.6 15k_SISO_30MHz_NTNV

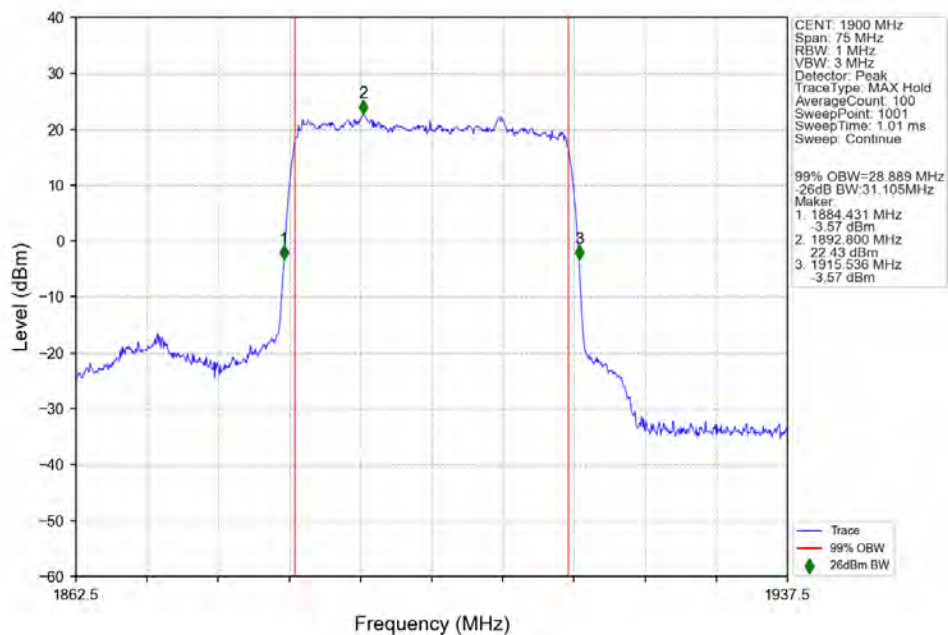
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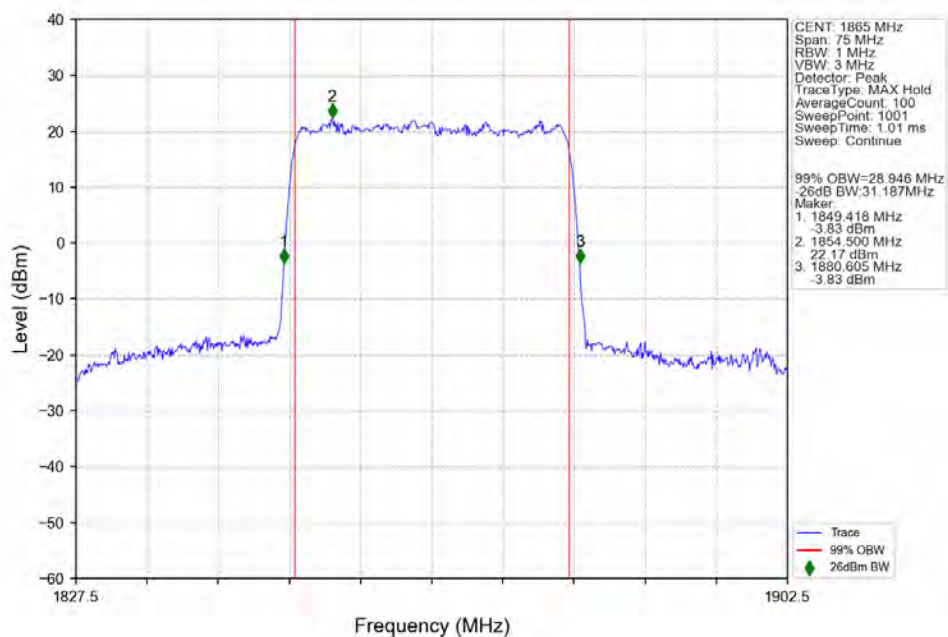
n25_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Outer_Full_Ant1



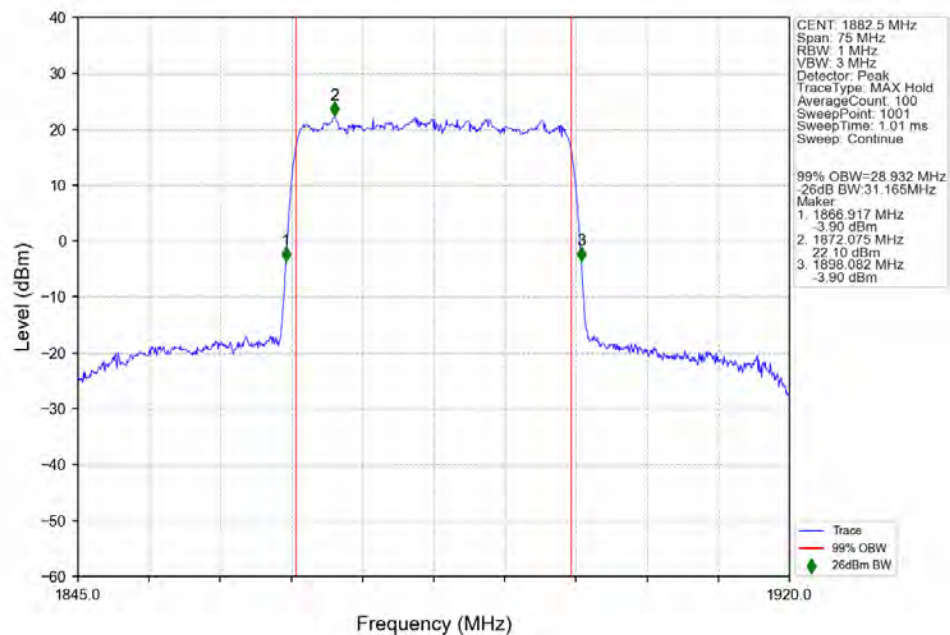
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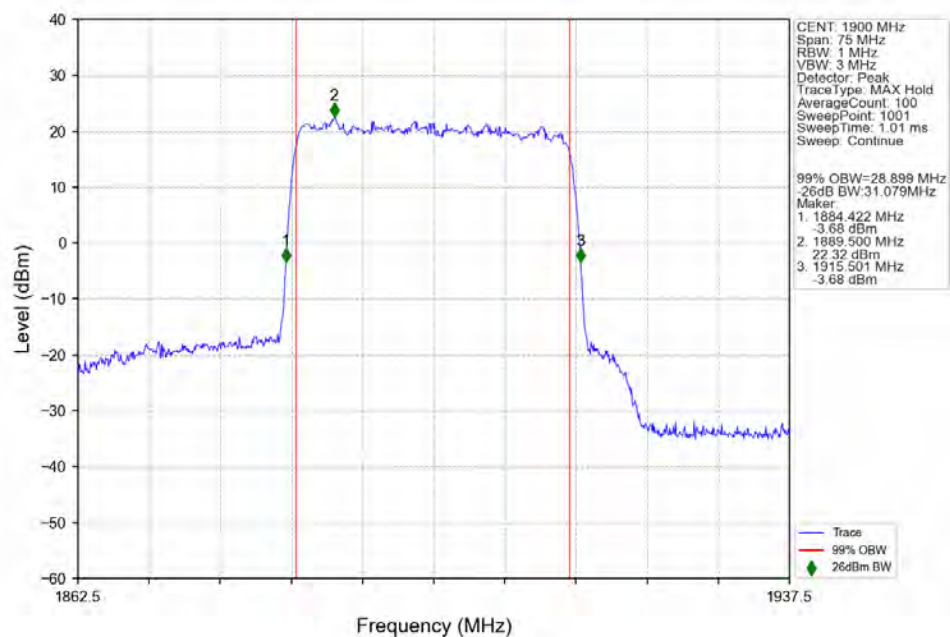
n25 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 1865MHz Outer Full Ant1



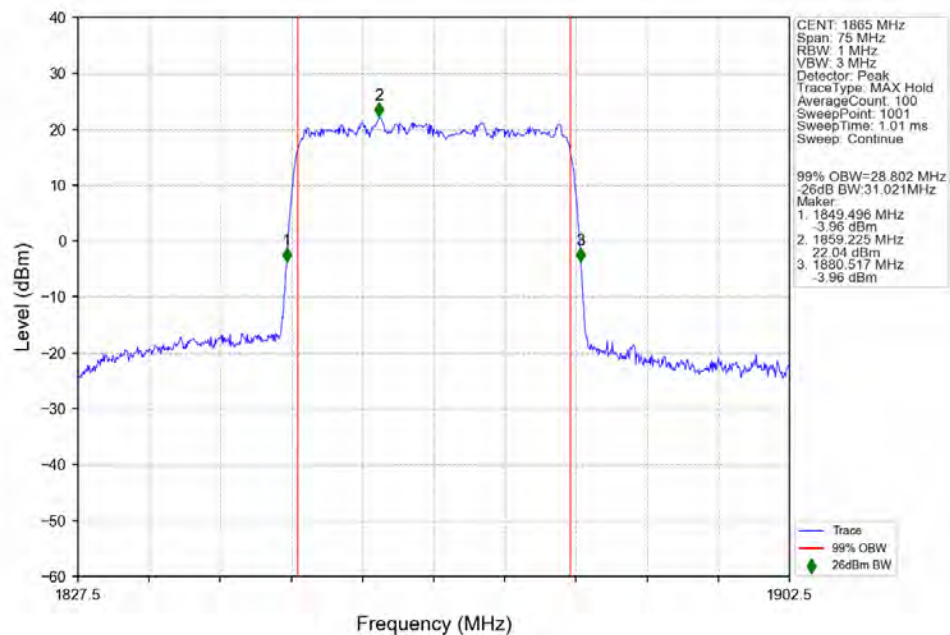
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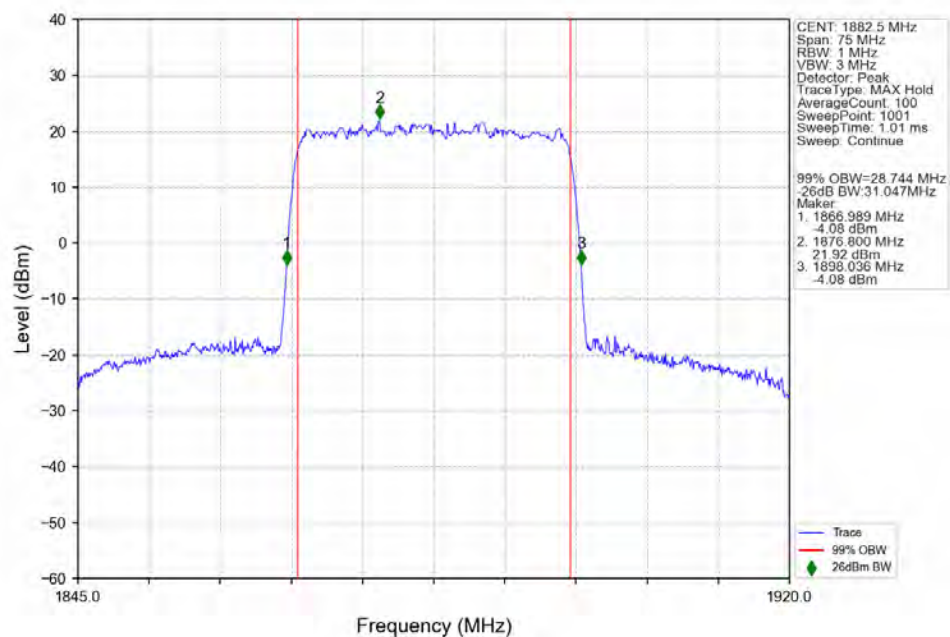
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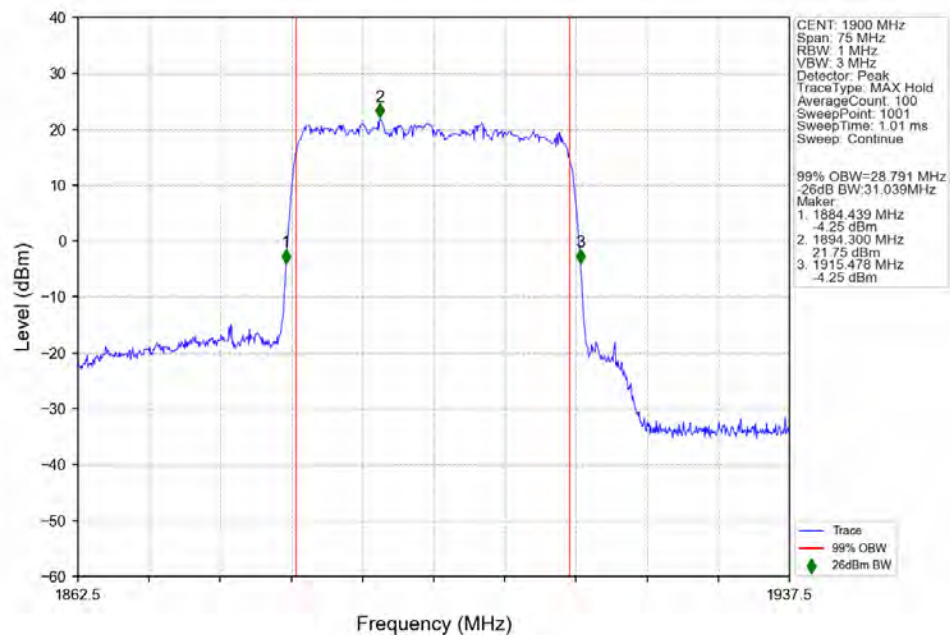
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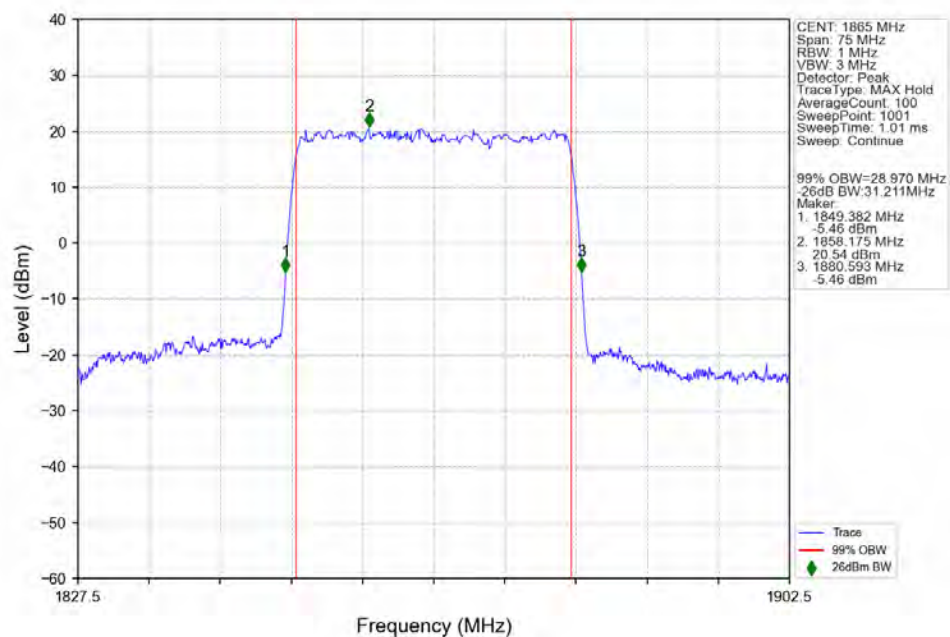
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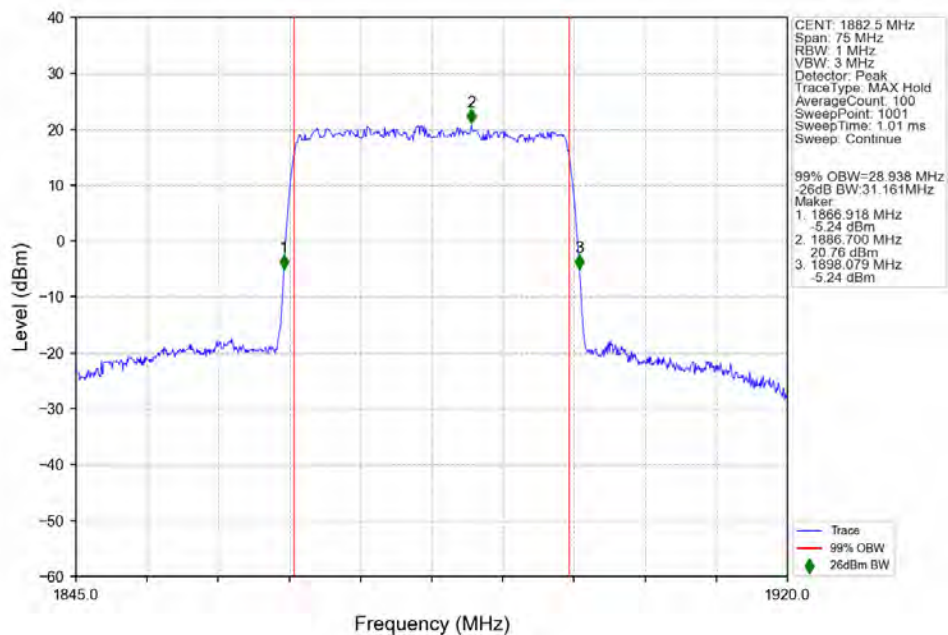
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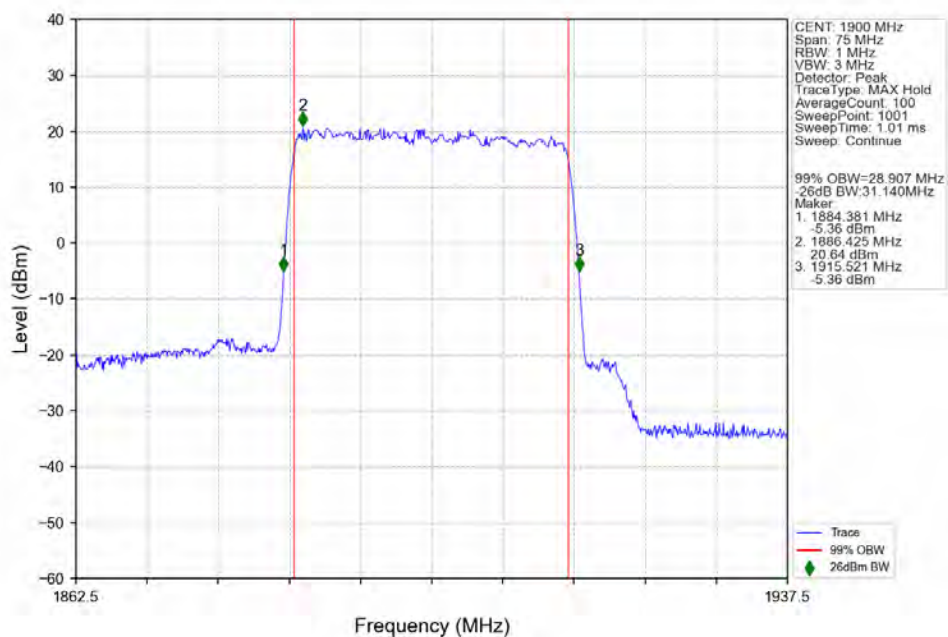
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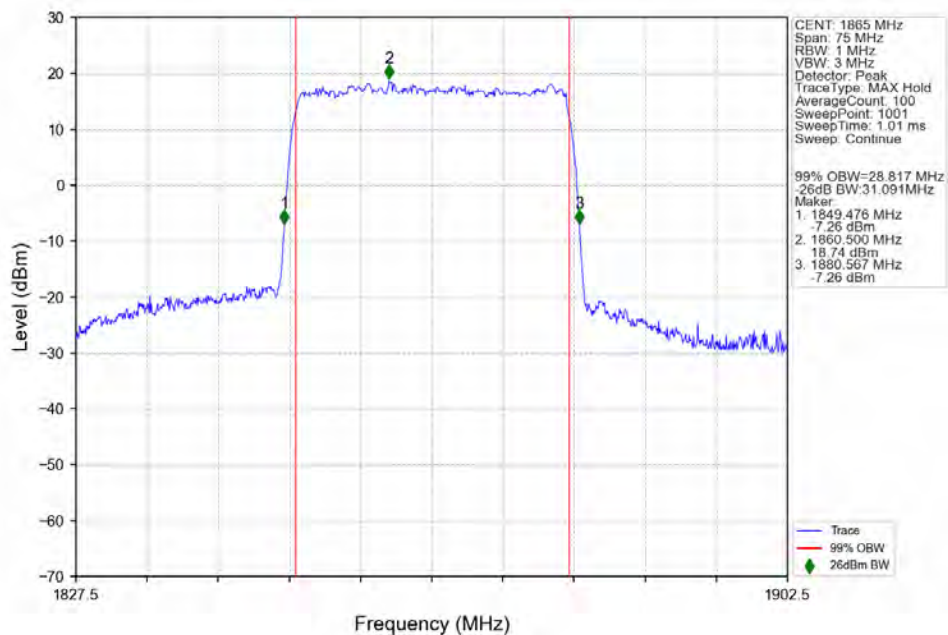
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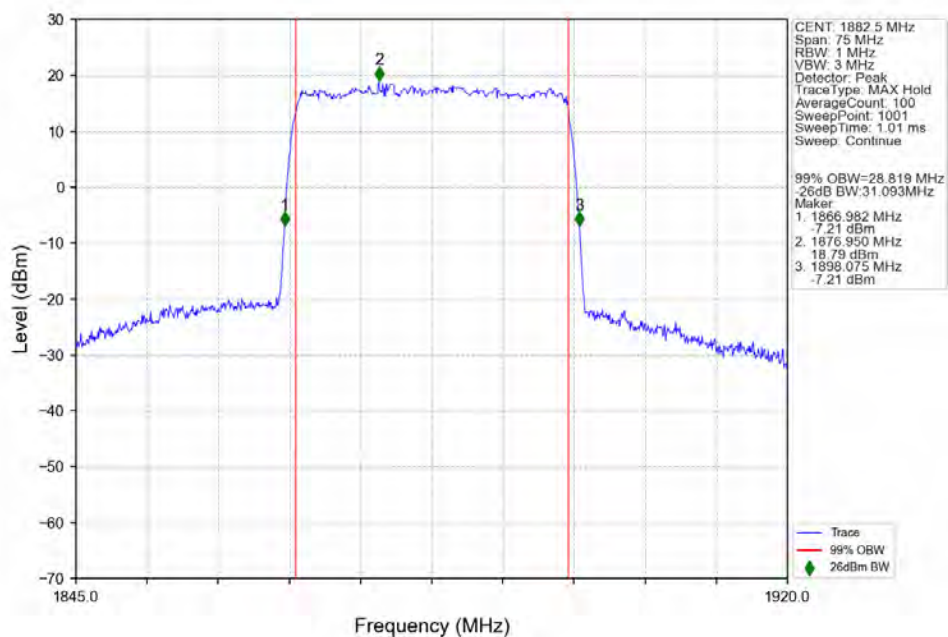
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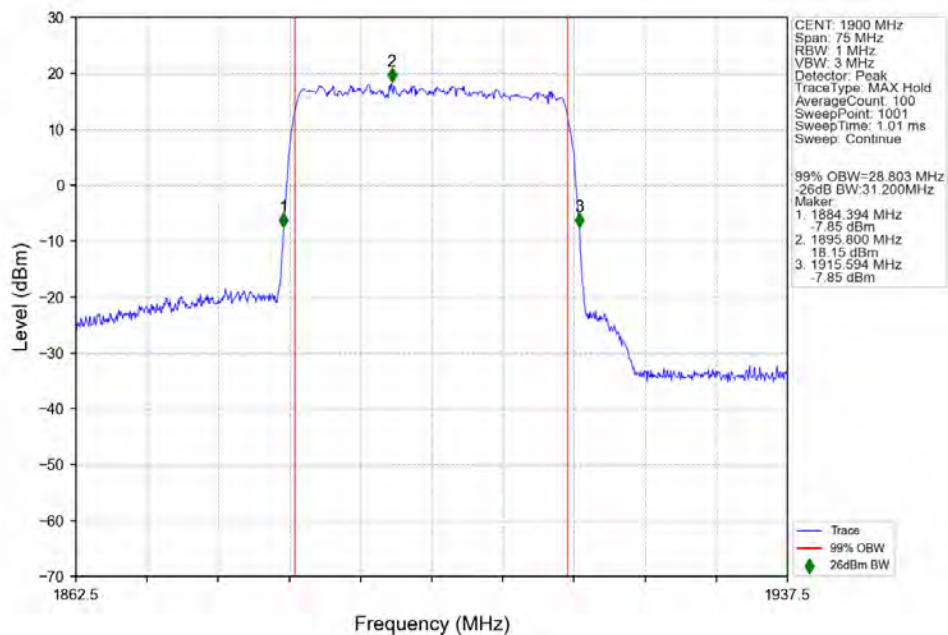
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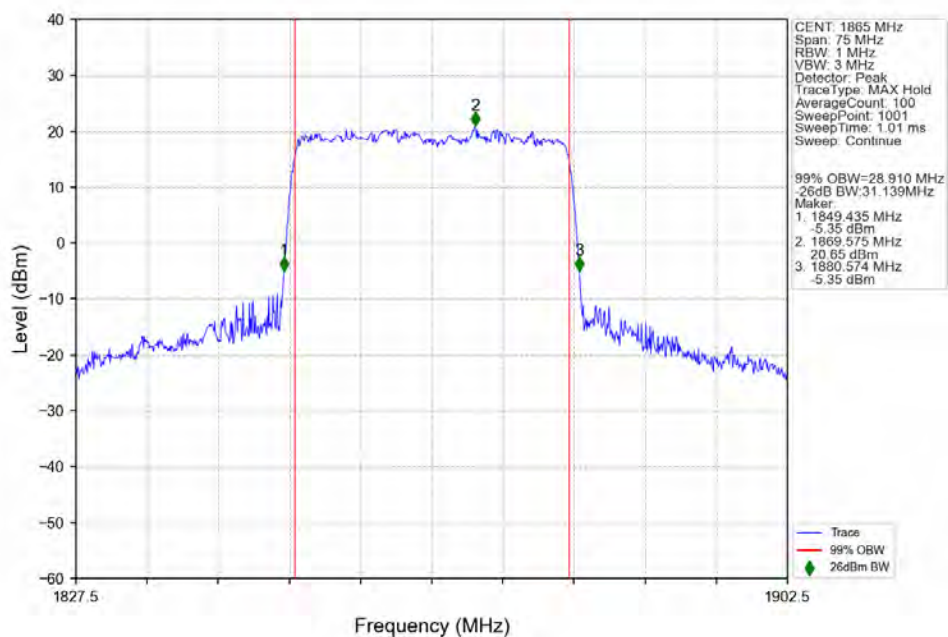
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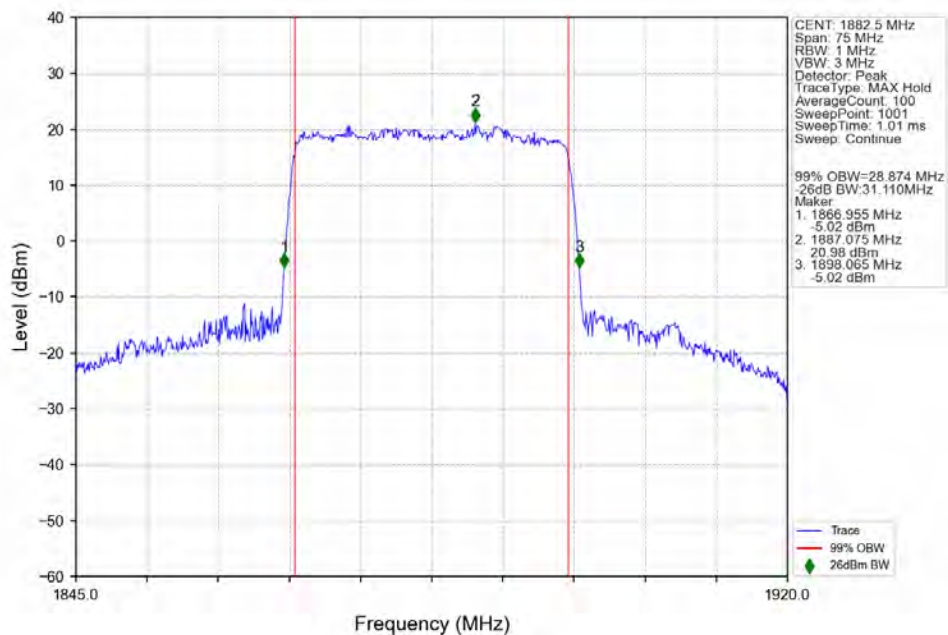
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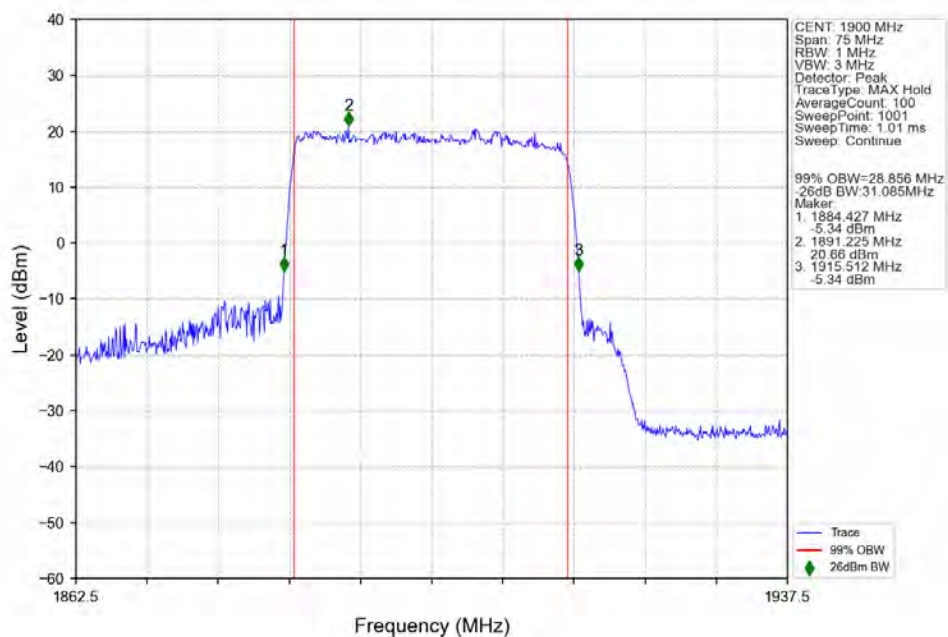
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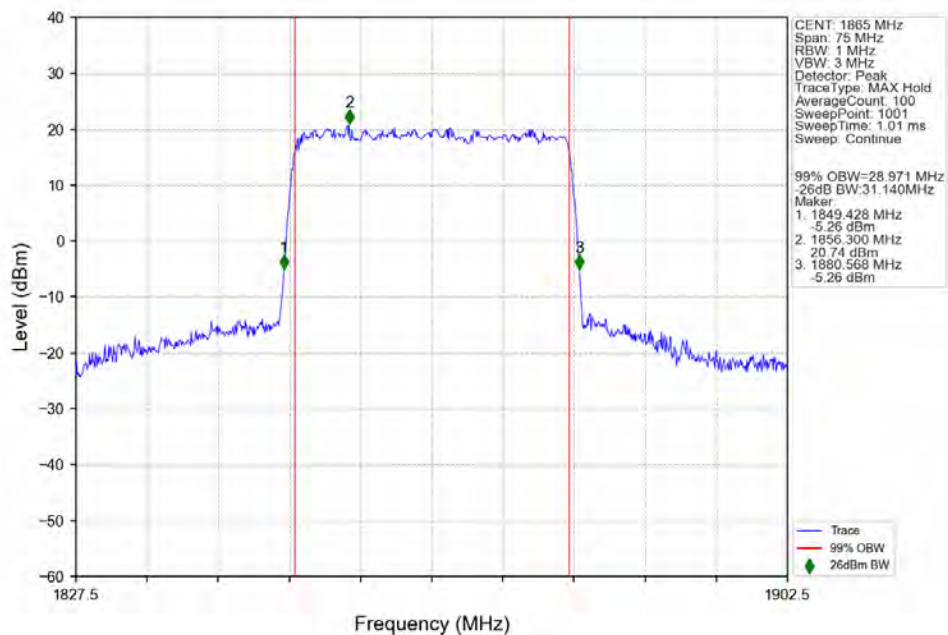
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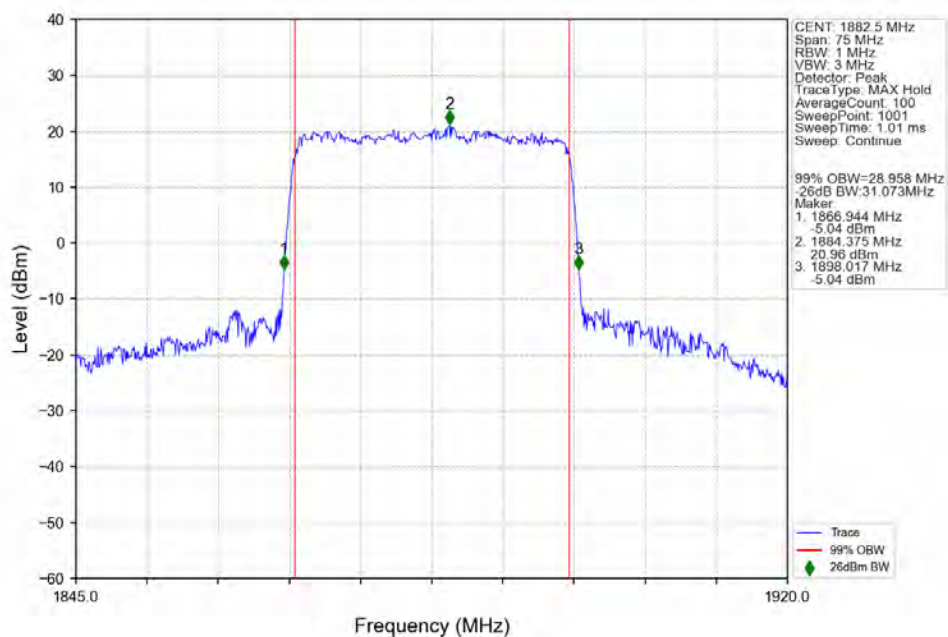
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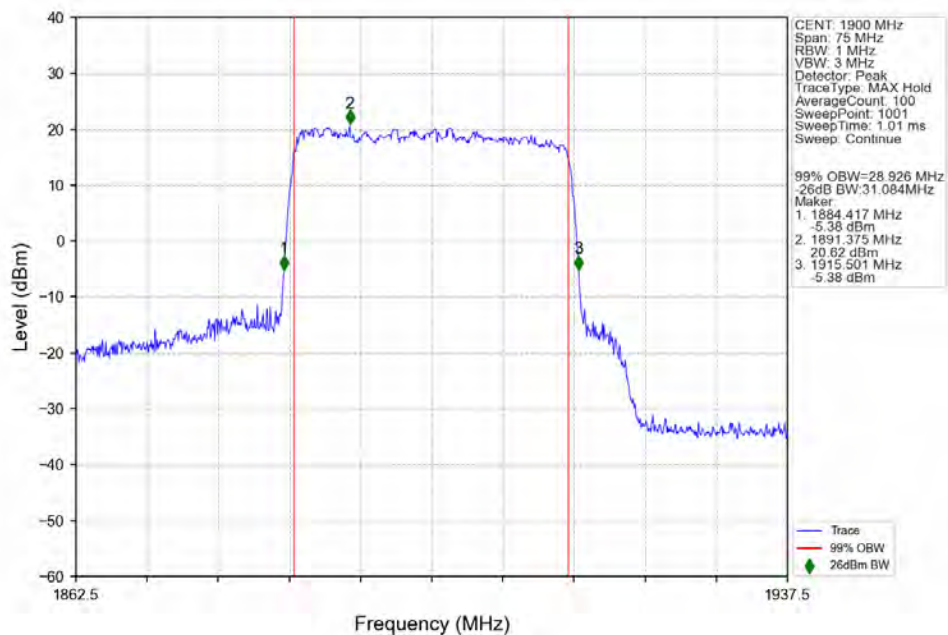
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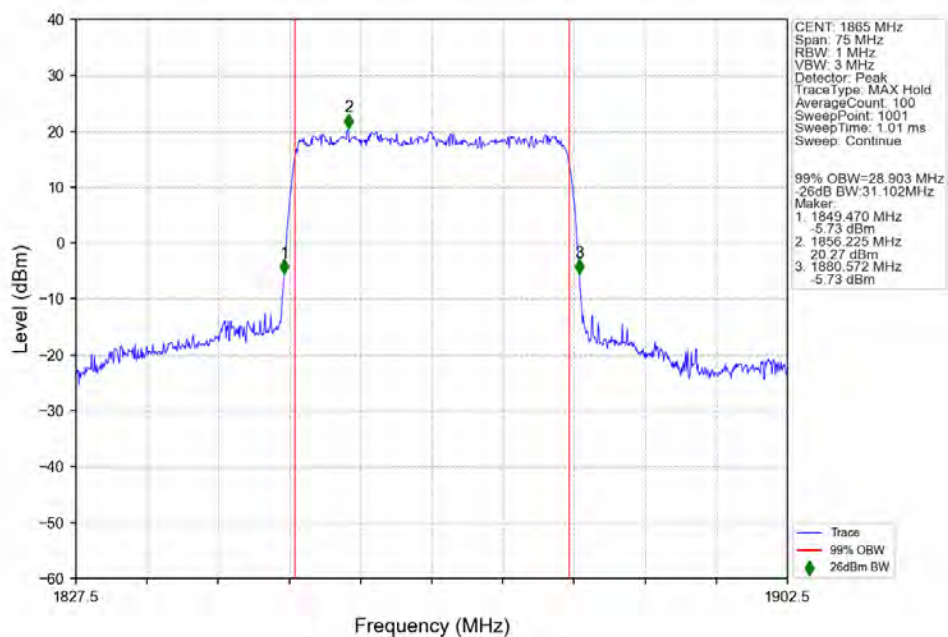
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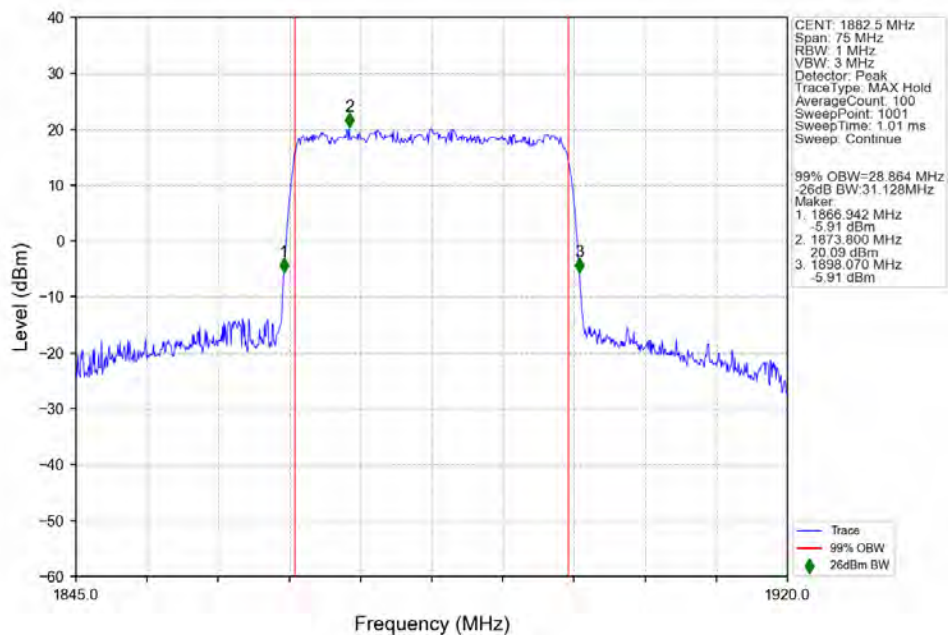
n25 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 1900MHz Outer Full Ant1



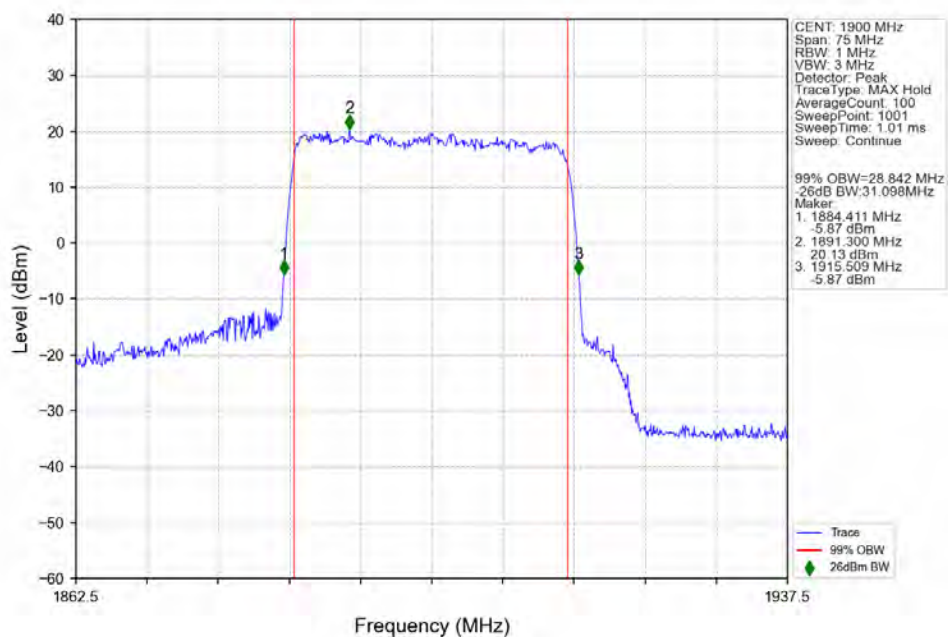
n25 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 1865MHz Outer Full Ant1



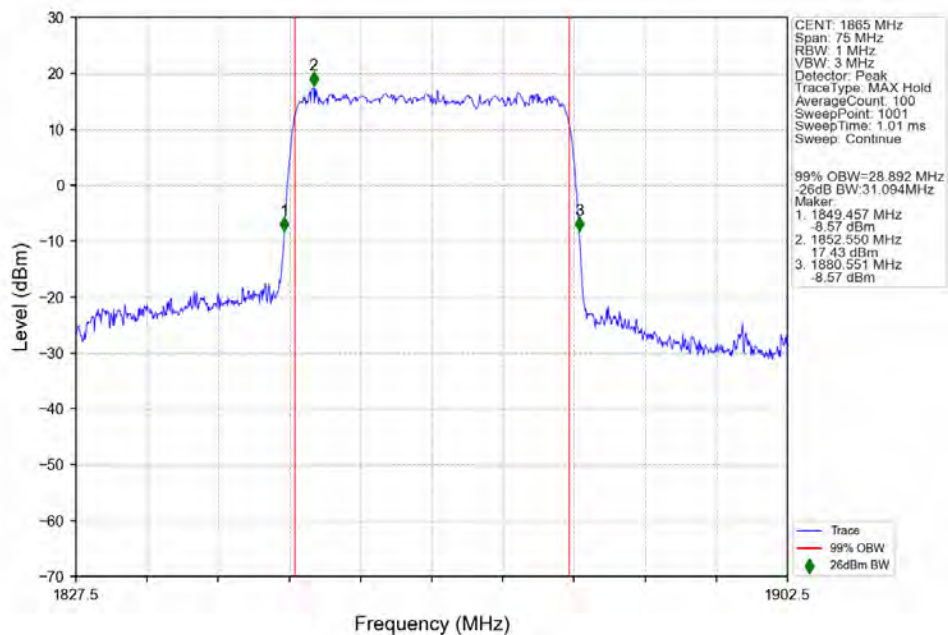
n25 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 1882.5MHz Outer Full Ant1



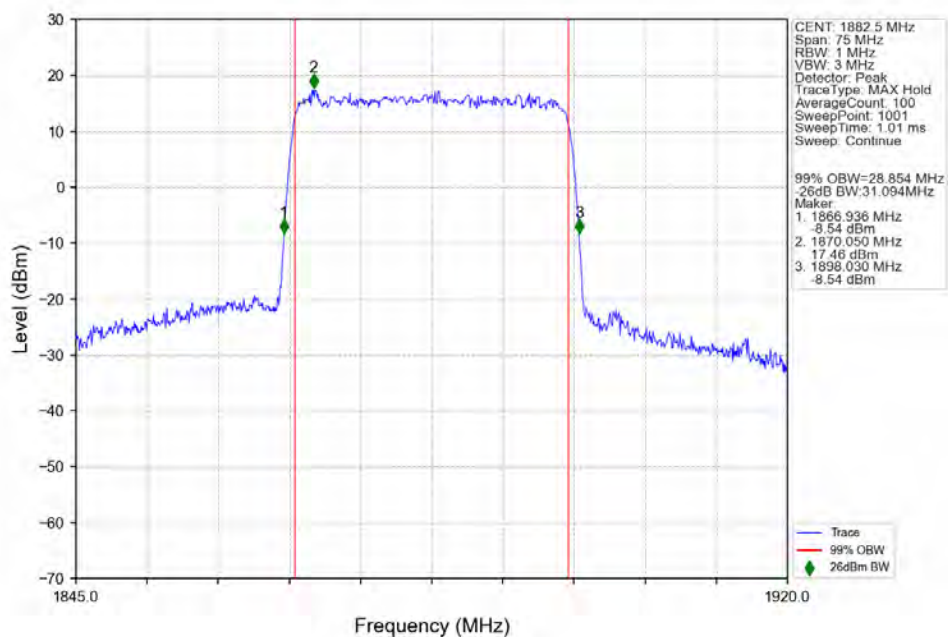
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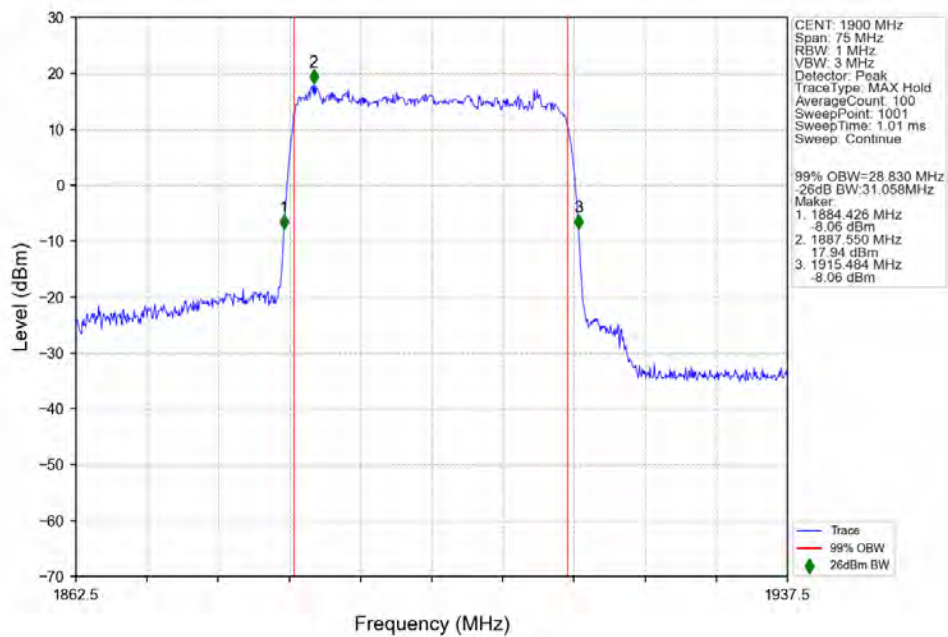
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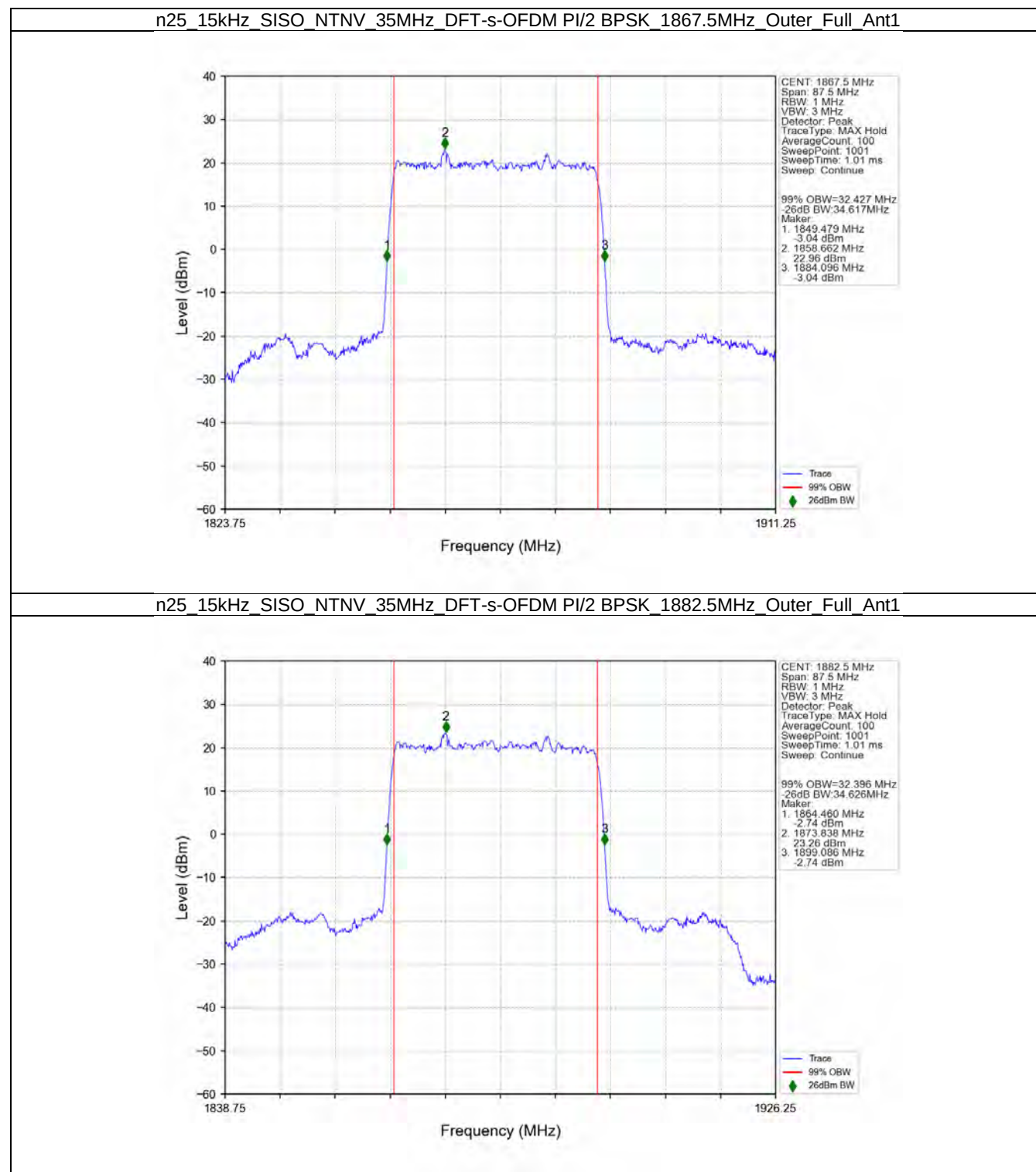
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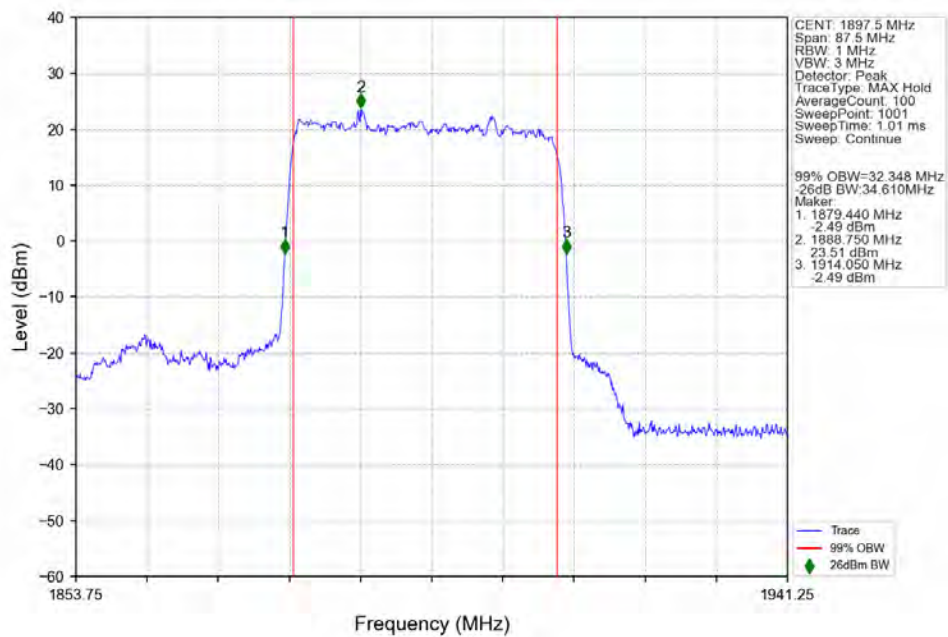
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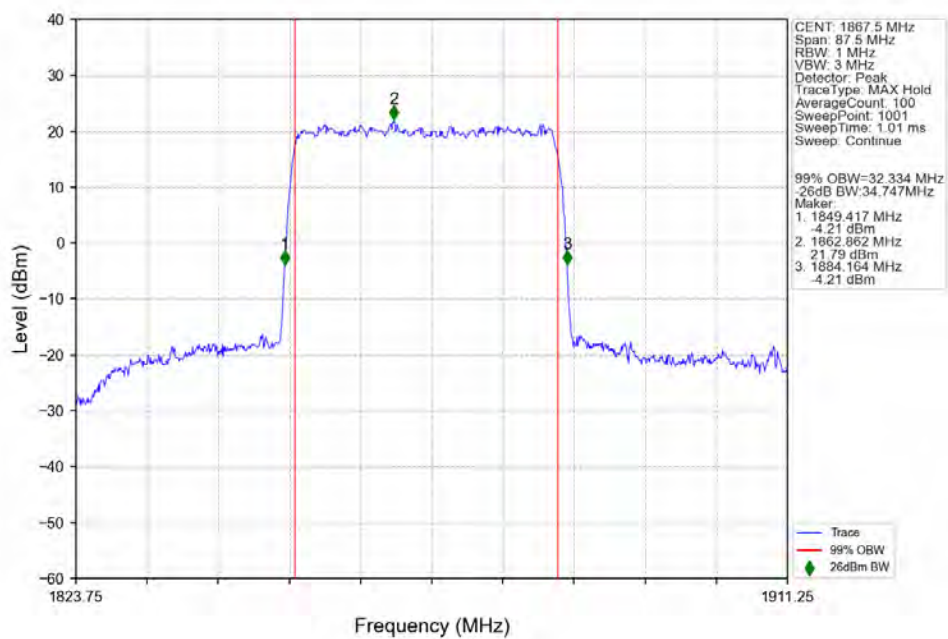
3.2.7 15k_SISO_35MHz_NTNV



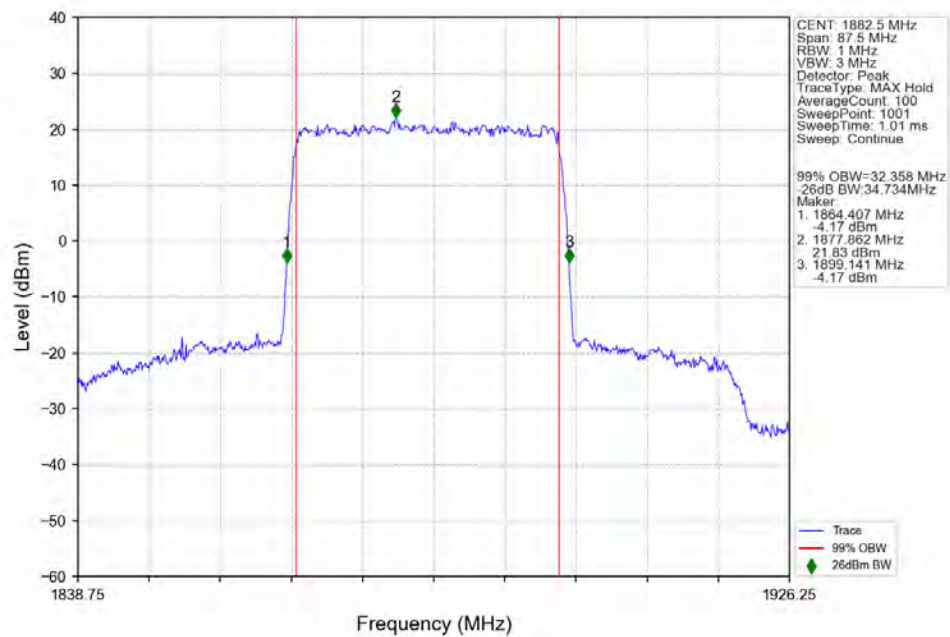
n25 15kHz SISO NTN 35MHz DFT-s-OFDM PI/2 BPSK 1897.5MHz Outer Full Ant1



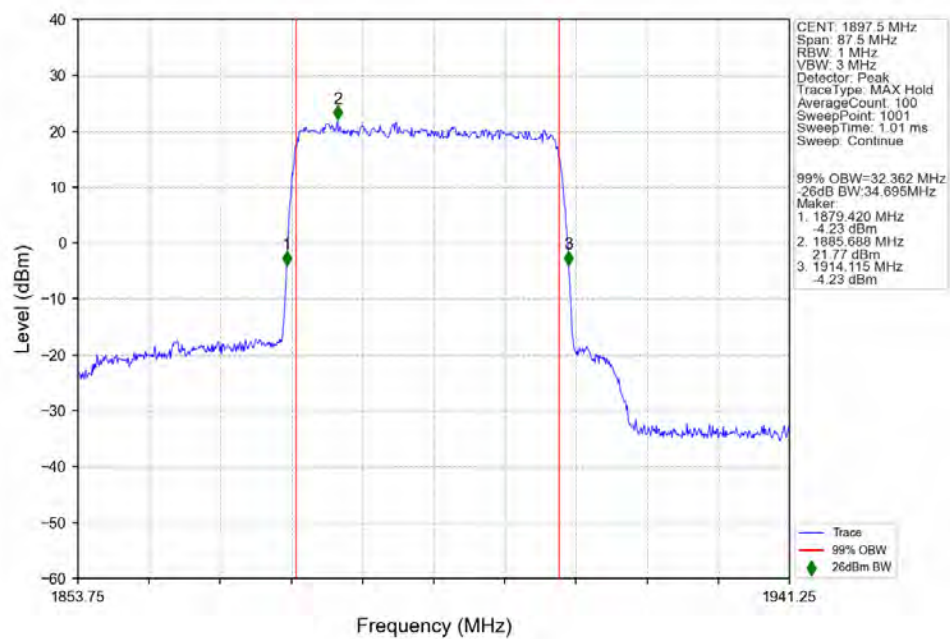
n25 15kHz SISO NTN 35MHz DFT-s-OFDM QPSK 1867.5MHz Outer Full Ant1



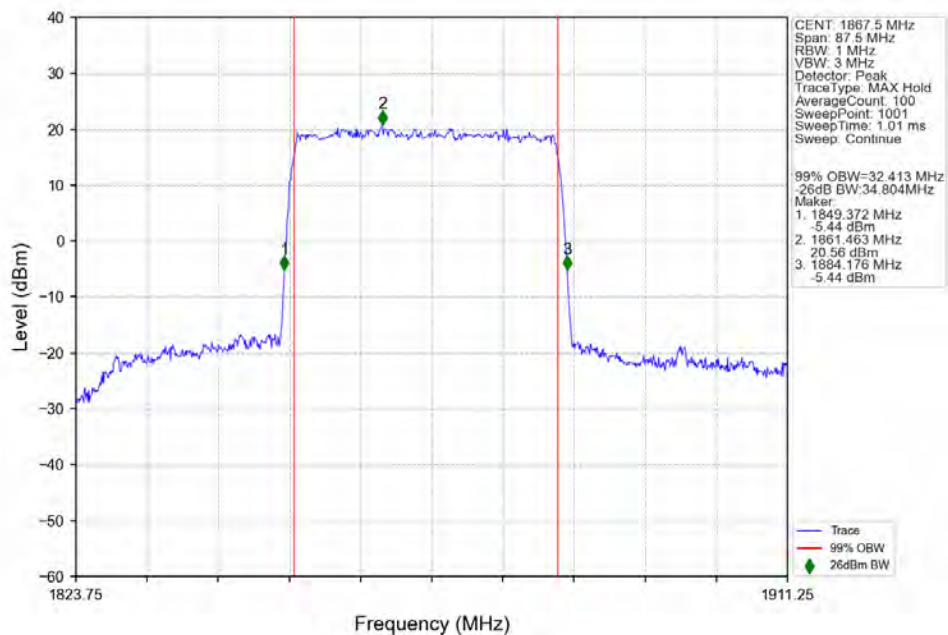
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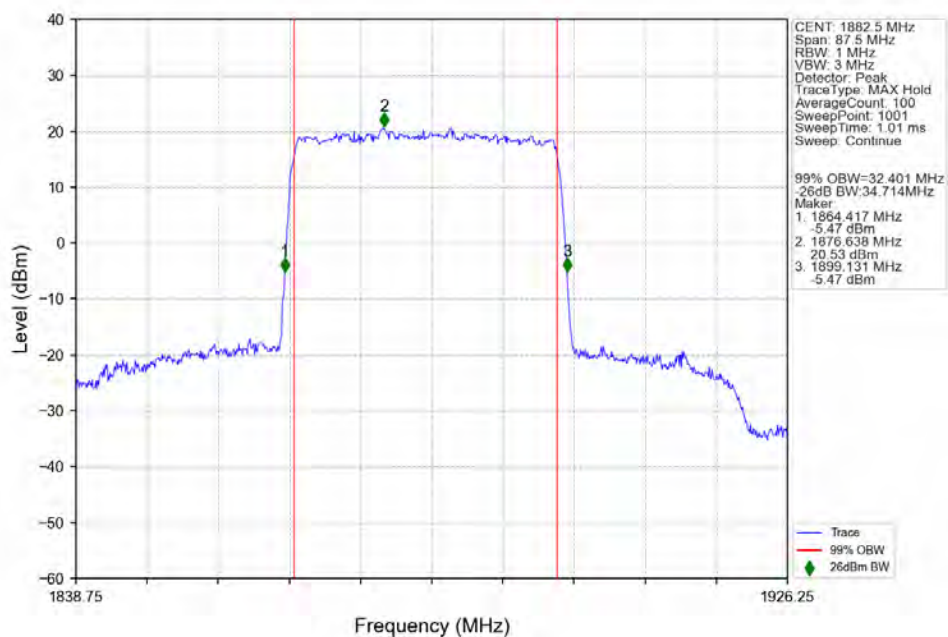
n25 15kHz SISO NTN 35MHz DFT-s-OFDM QPSK 1897.5MHz Outer Full Ant1



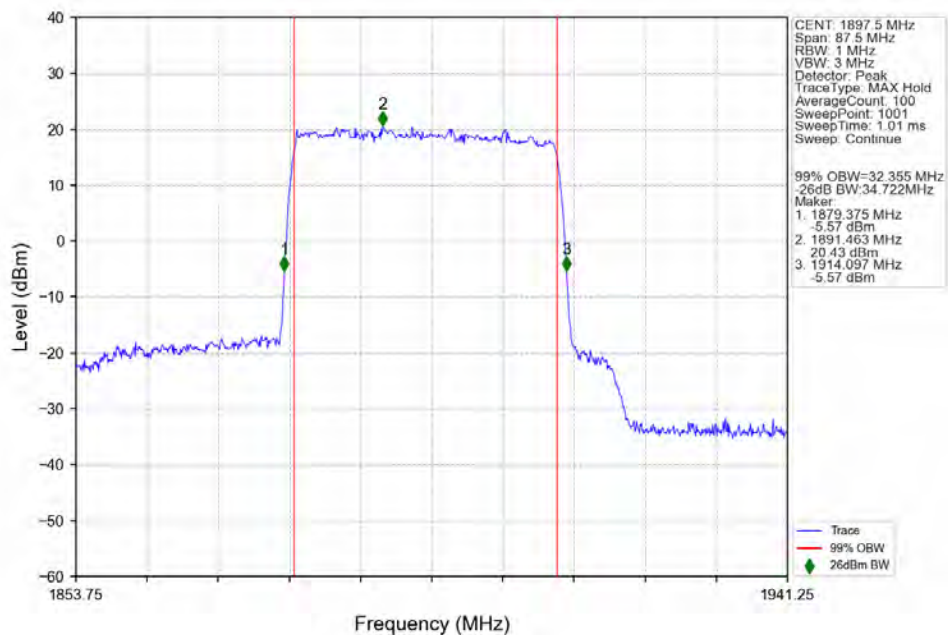
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 16 QAM 1867.5MHz Outer Full Ant1



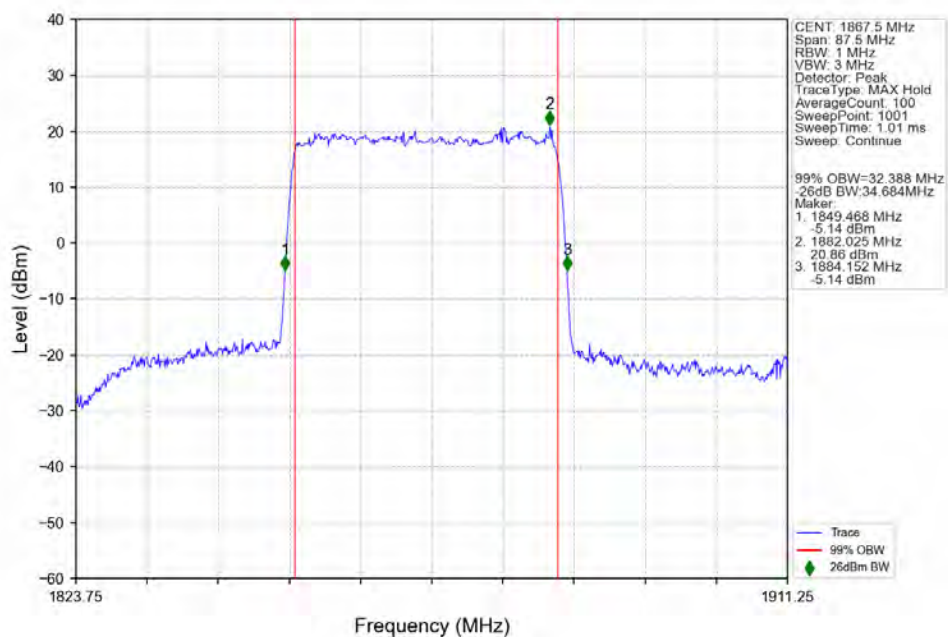
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 16 QAM 1882.5MHz Outer Full Ant1



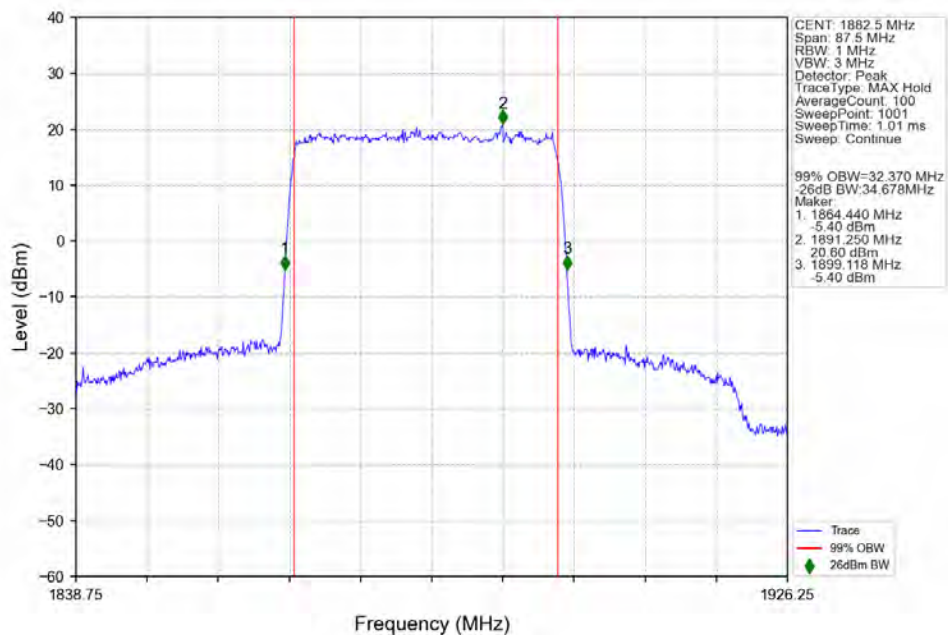
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 16 QAM 1897.5MHz Outer Full Ant1



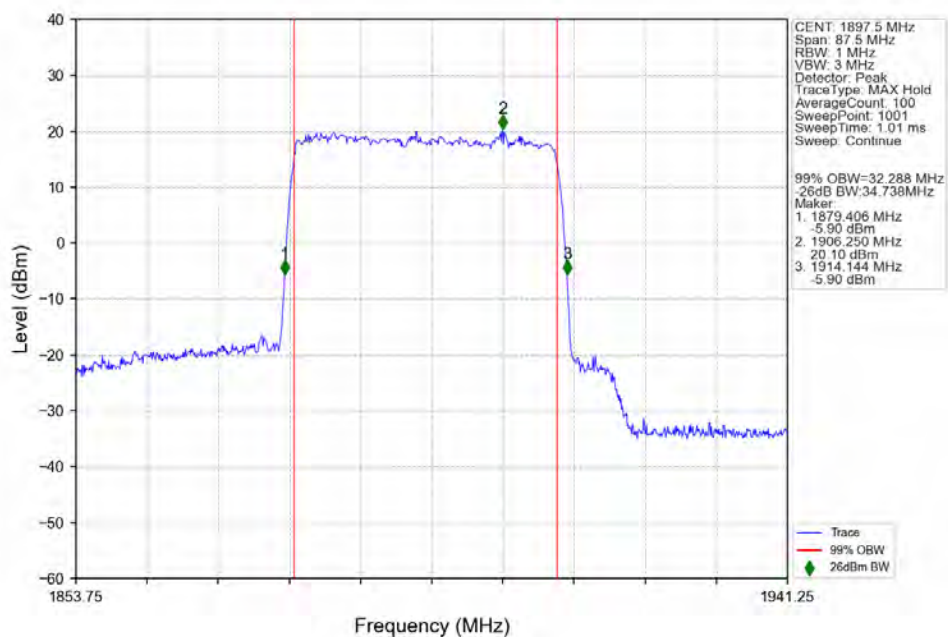
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 64 QAM 1867.5MHz Outer Full Ant1



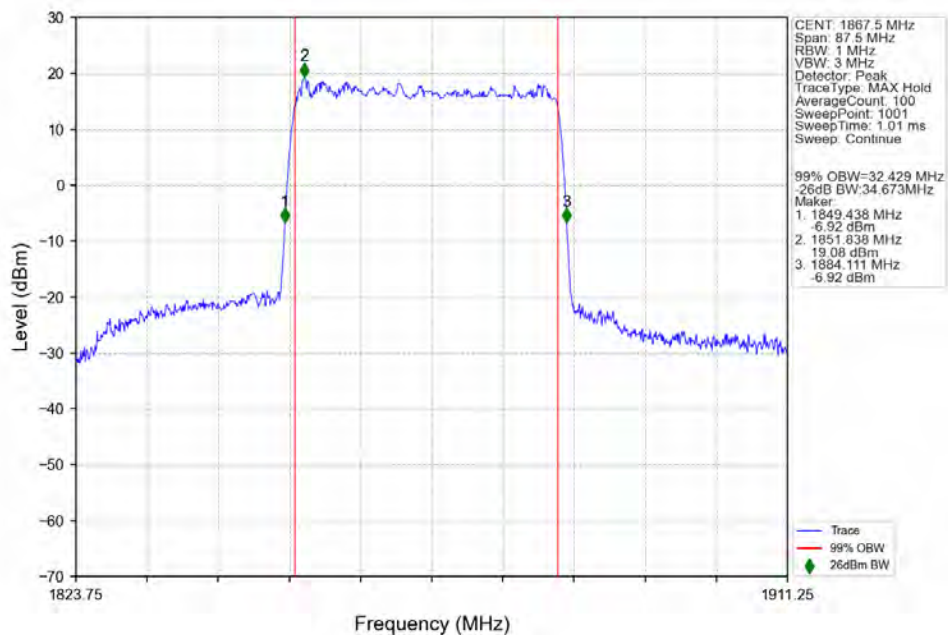
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 64 QAM 1882.5MHz Outer Full Ant1



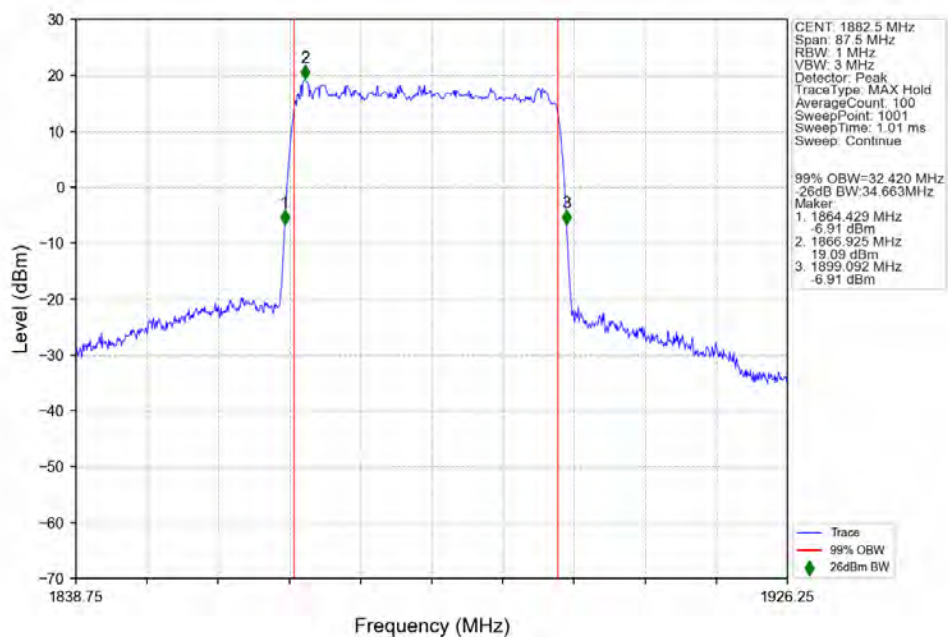
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 64 QAM 1897.5MHz Outer Full Ant1



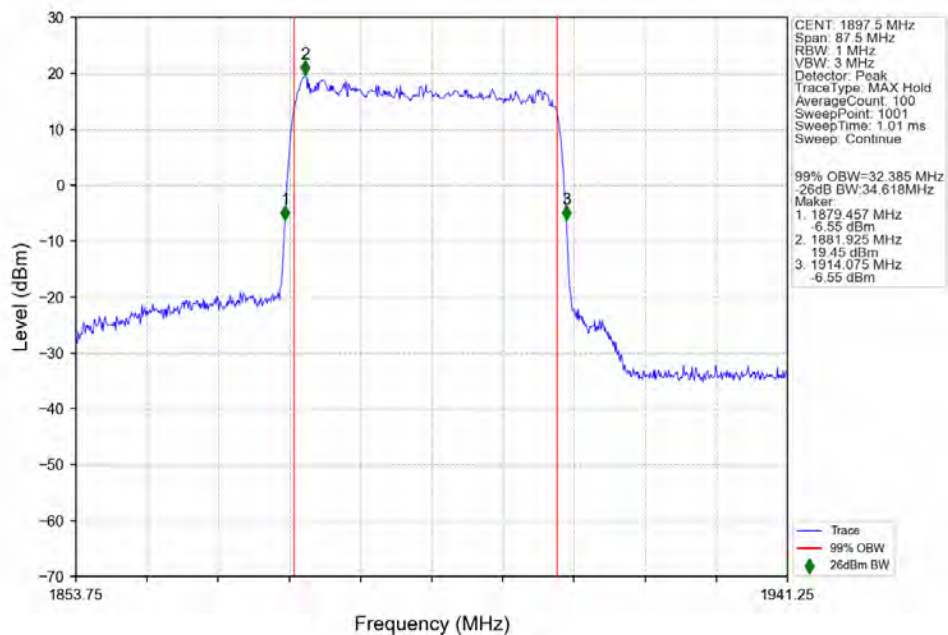
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 256 QAM 1867.5MHz Outer Full Ant1



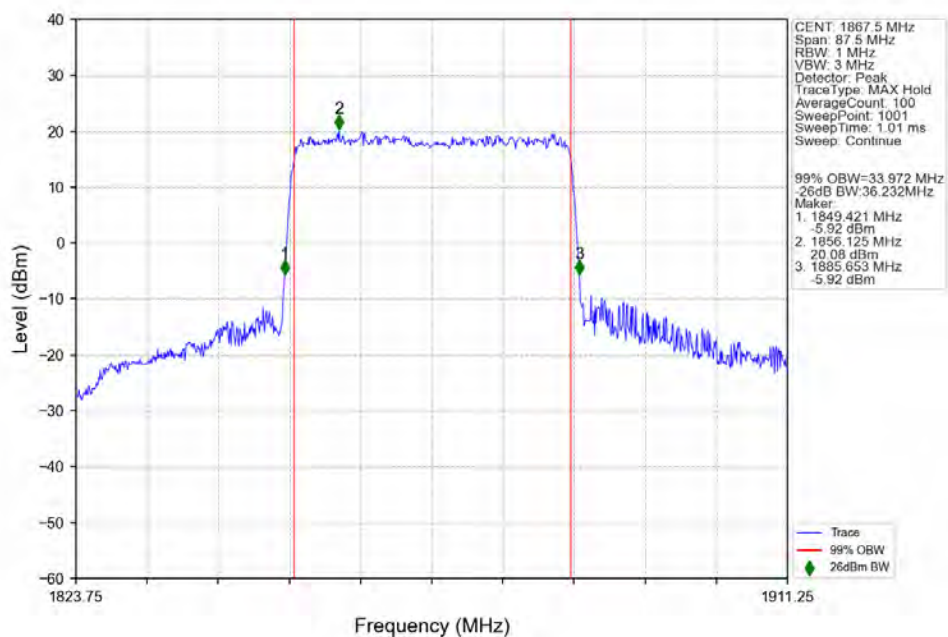
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 256 QAM 1882.5MHz Outer Full Ant1



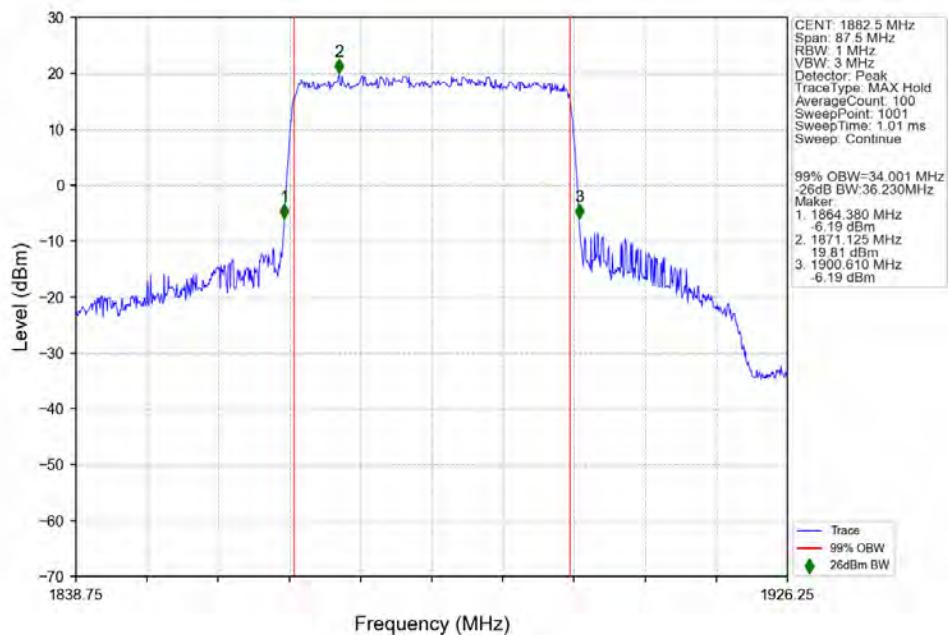
n25 15kHz SISO NTN 35MHz DFT-s-OFDM 256 QAM 1897.5MHz Outer Full Ant1



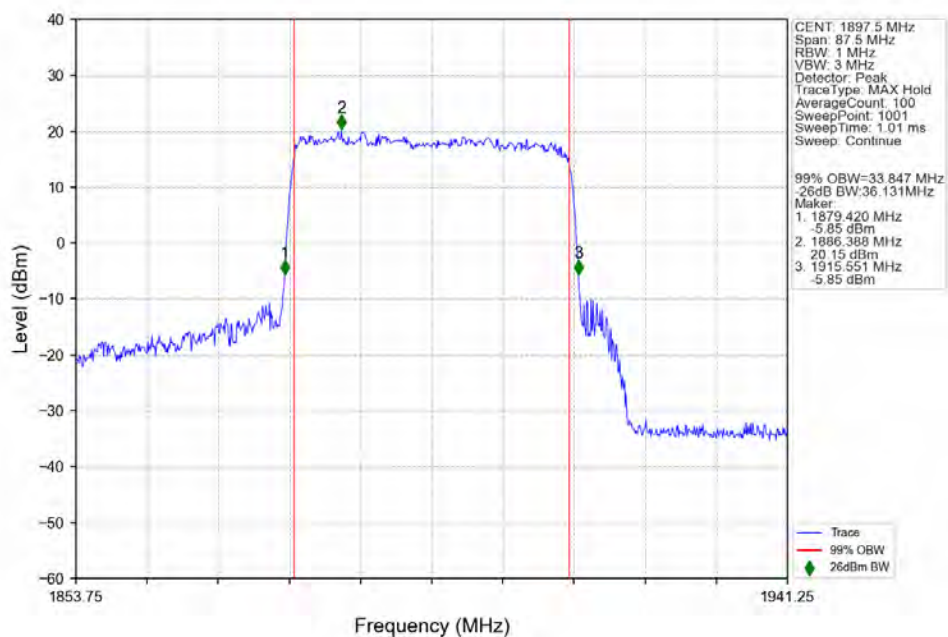
n25 15kHz SISO NTN 35MHz CP-OFDM QPSK 1867.5MHz Outer Full Ant1



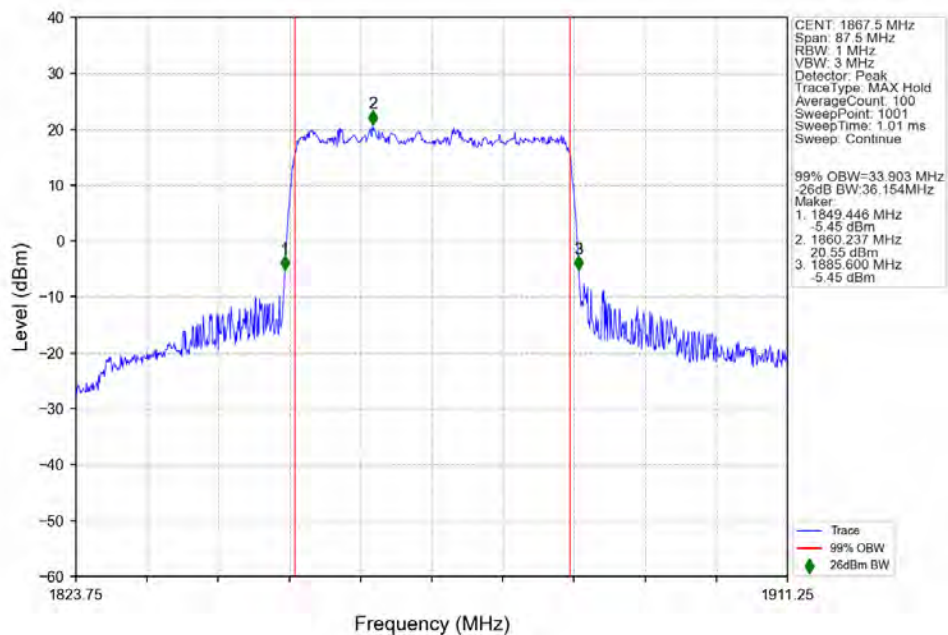
n25 15kHz SISO NTN 35MHz CP-OFDM QPSK 1882.5MHz Outer Full Ant1



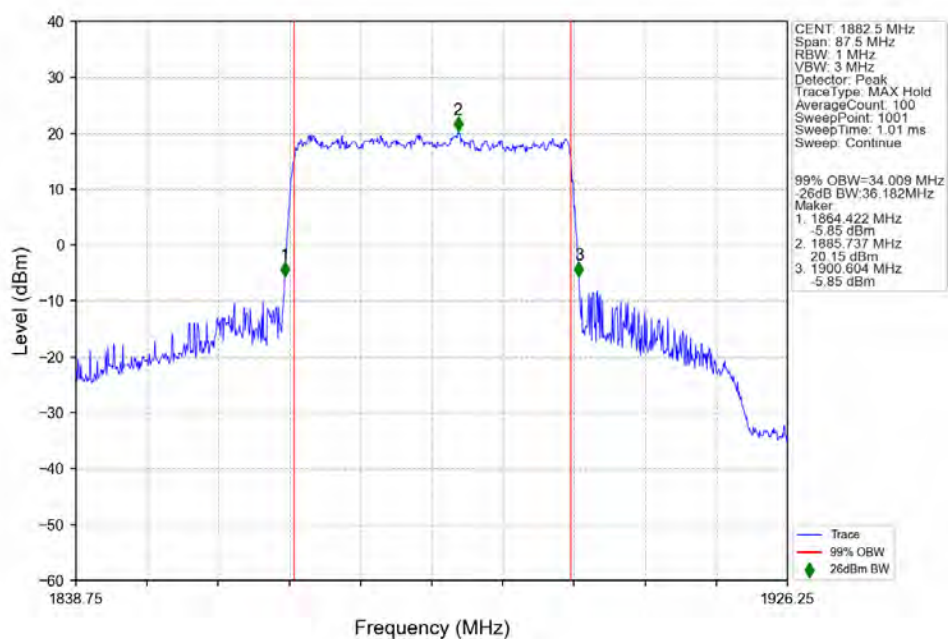
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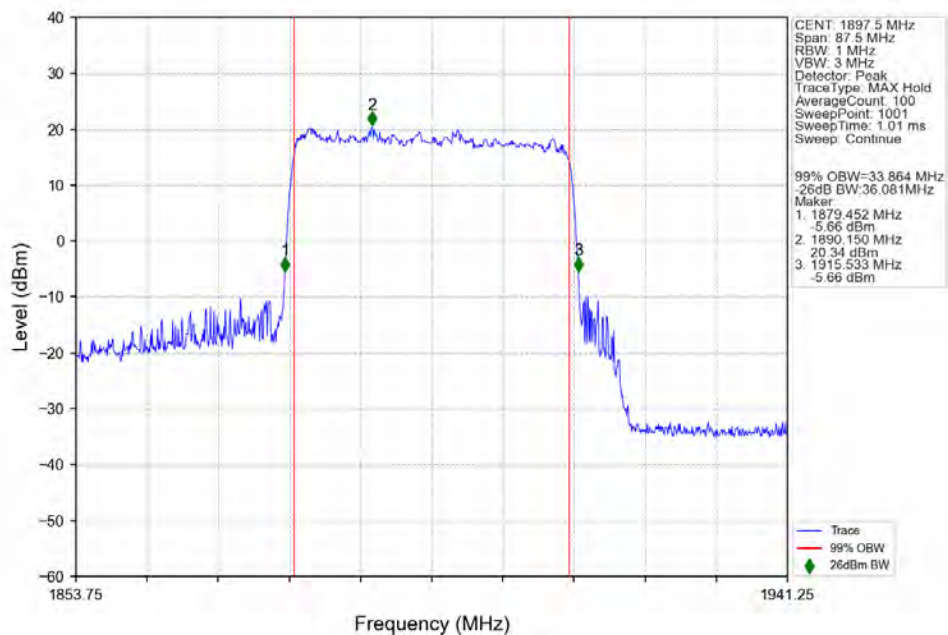
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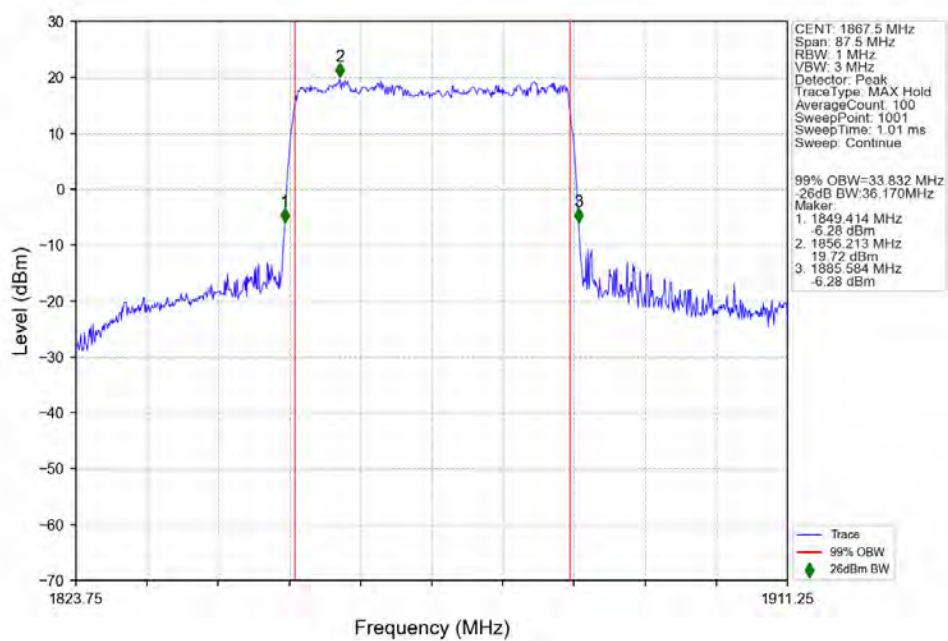
n25 15kHz SISO NTN 35MHz CP-OFDM 16 QAM 1882.5MHz Outer Full Ant1



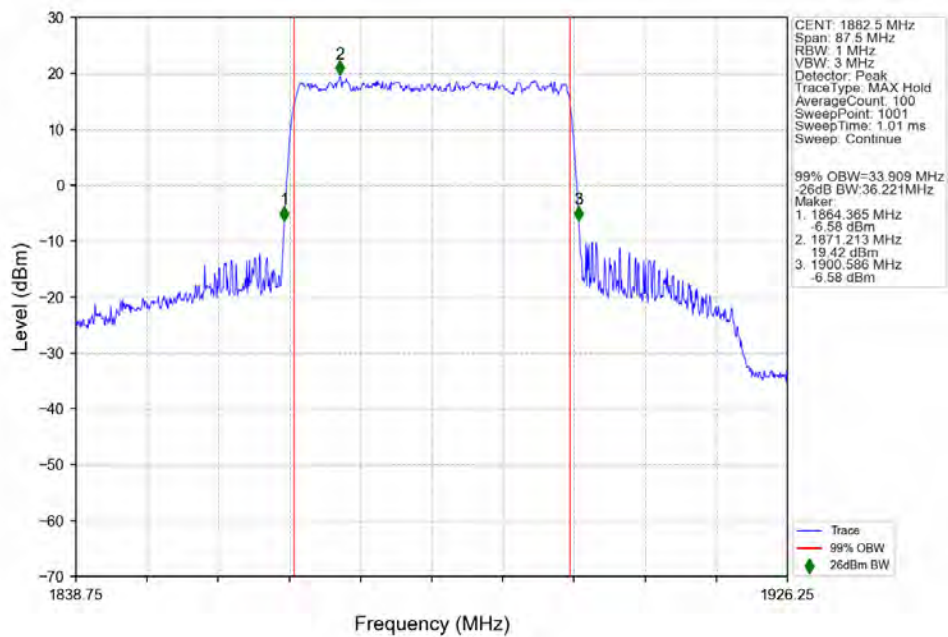
n25 15kHz SISO NTN 35MHz CP-OFDM 16 QAM 1897.5MHz Outer Full Ant1



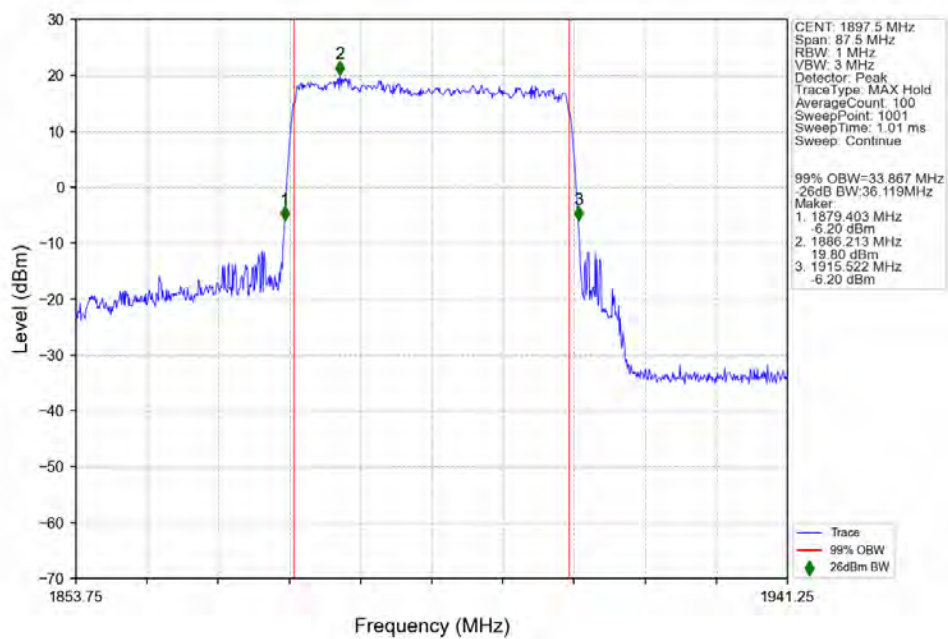
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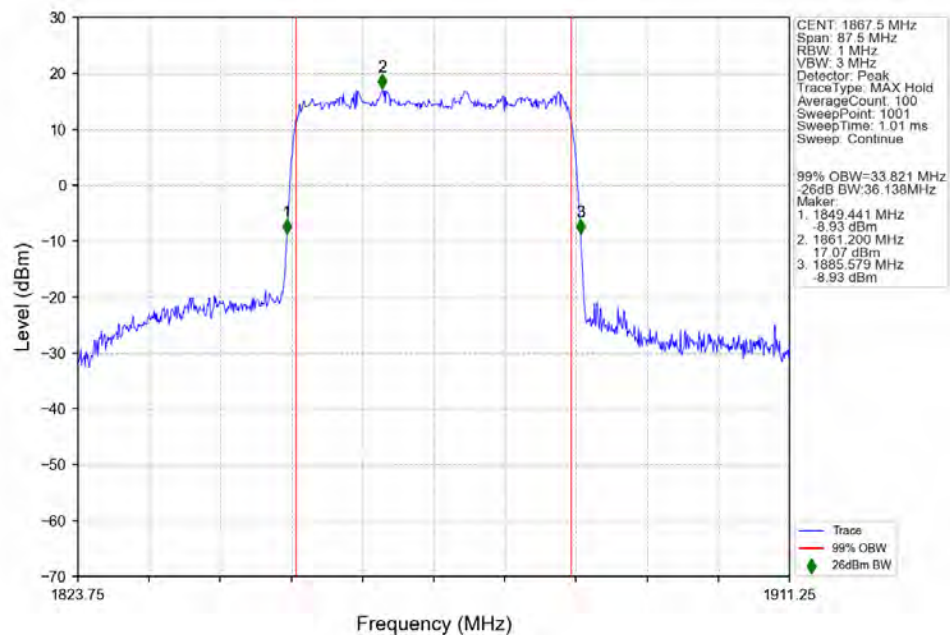
n25 15kHz SISO NTN 35MHz CP-OFDM 64 QAM 1882.5MHz Outer Full Ant1



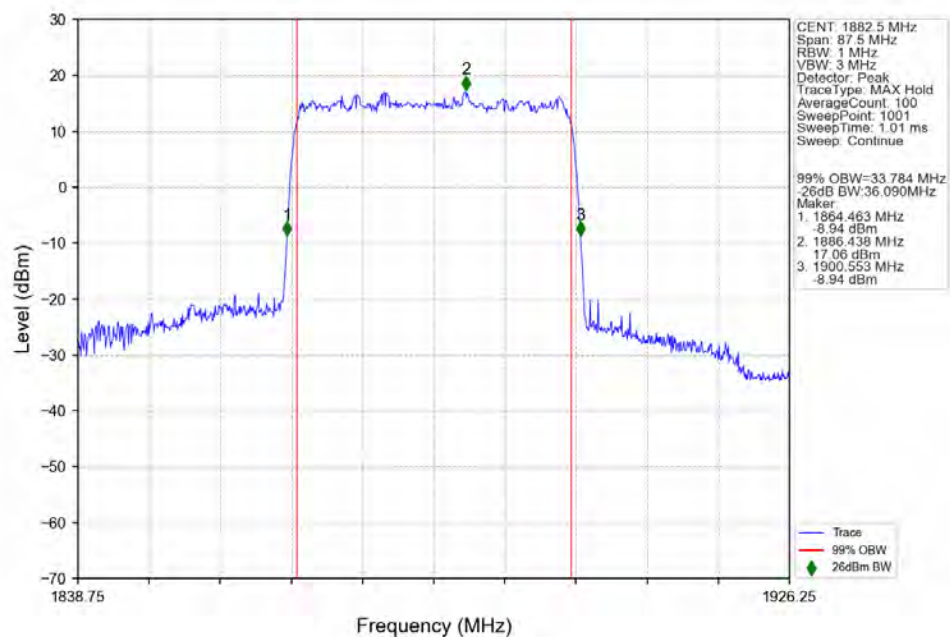
n25 15kHz SISO NTN 35MHz CP-OFDM 64 QAM 1897.5MHz Outer Full Ant1



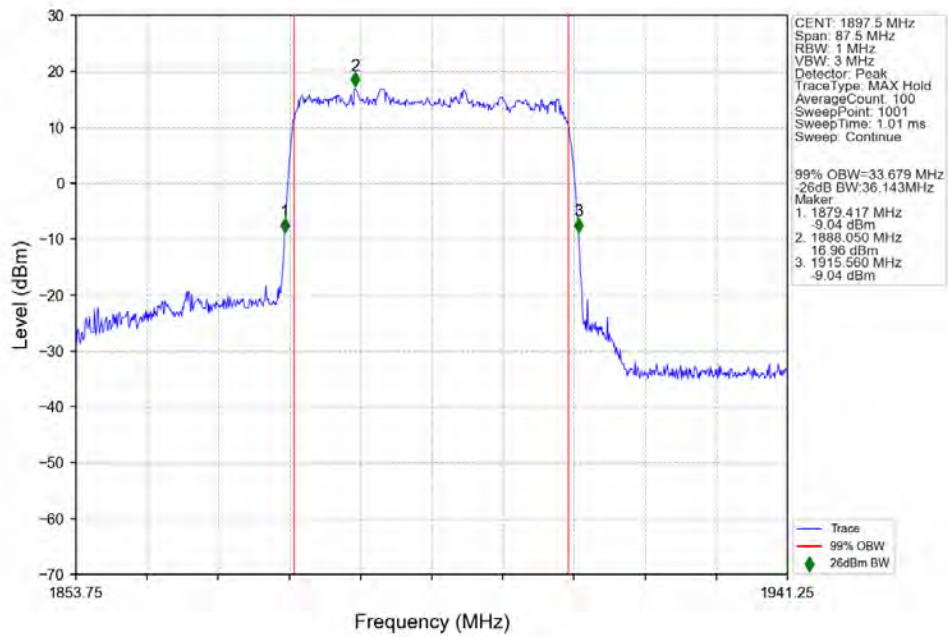
n25_15kHz_SISO_NTNV_35MHz_CP-OFDM_256_QAM_1867.5MHz_Outer_Full_Ant1



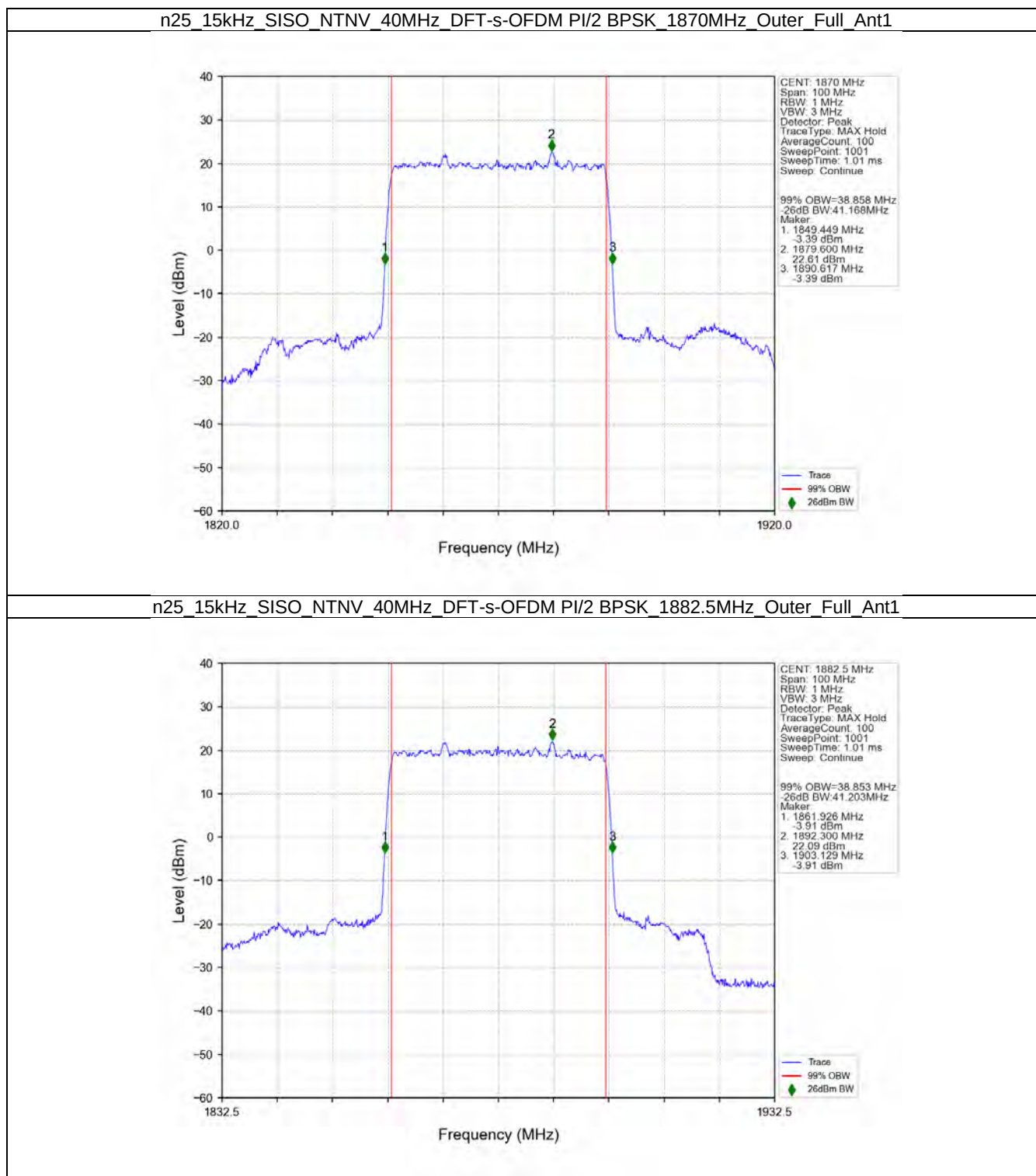
n25_15kHz_SISO_NTNV_35MHz_CP-OFDM_256_QAM_1882.5MHz_Outer_Full_Ant1



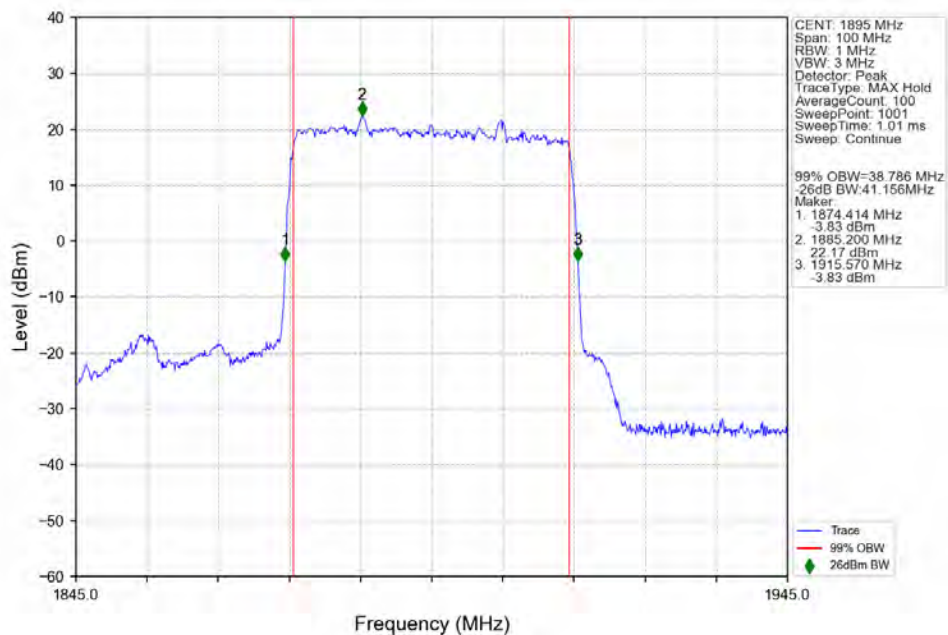
n25 15kHz SISO NTN 35MHz CP-OFDM 256 QAM 1897.5MHz Outer Full Ant1



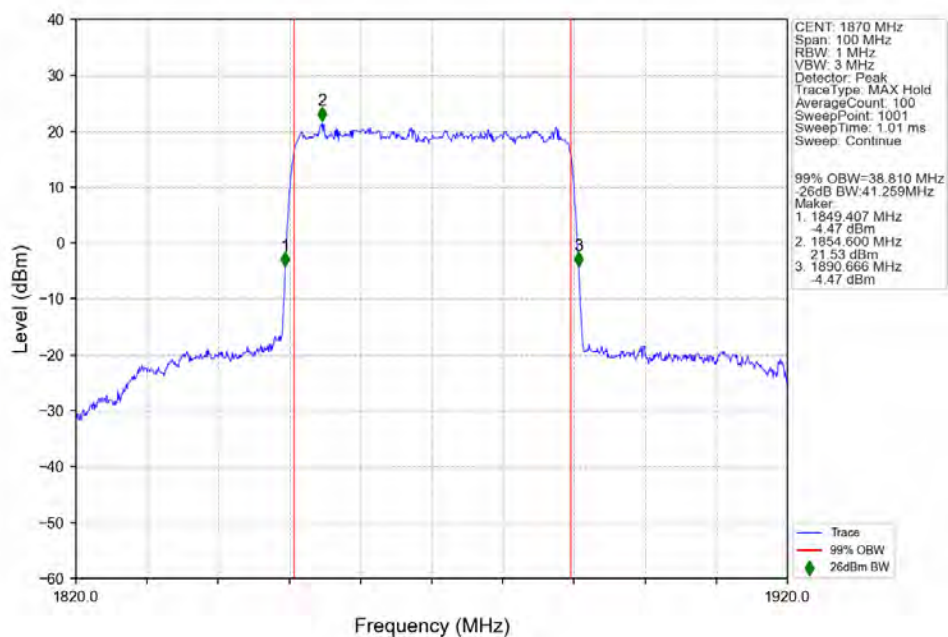
3.2.8 15k_SISO_40MHz_NTNV



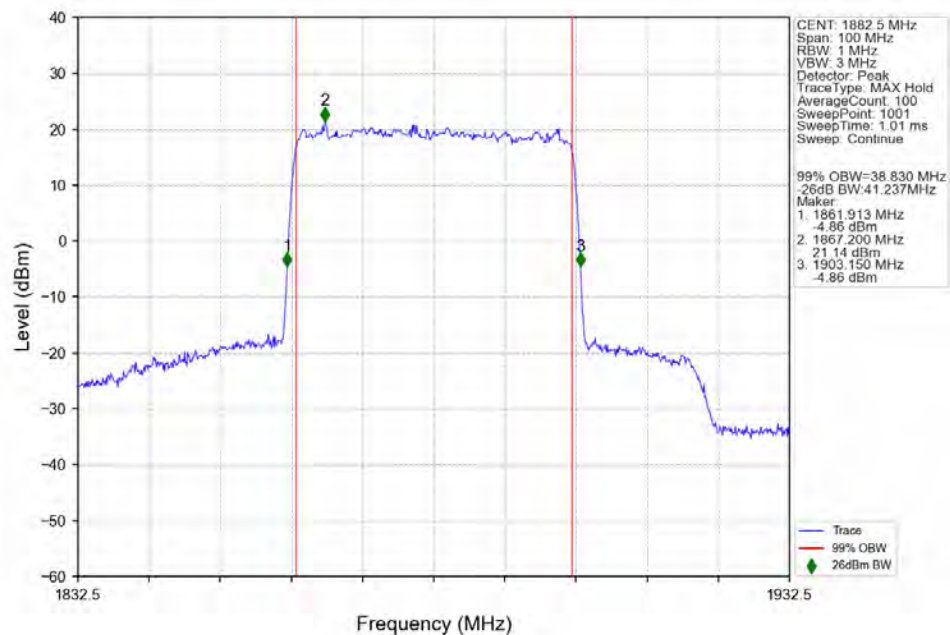
n25 15kHz SISO NTN 40MHz DFT-s-OFDM PI/2 BPSK 1895MHz Outer Full Ant1



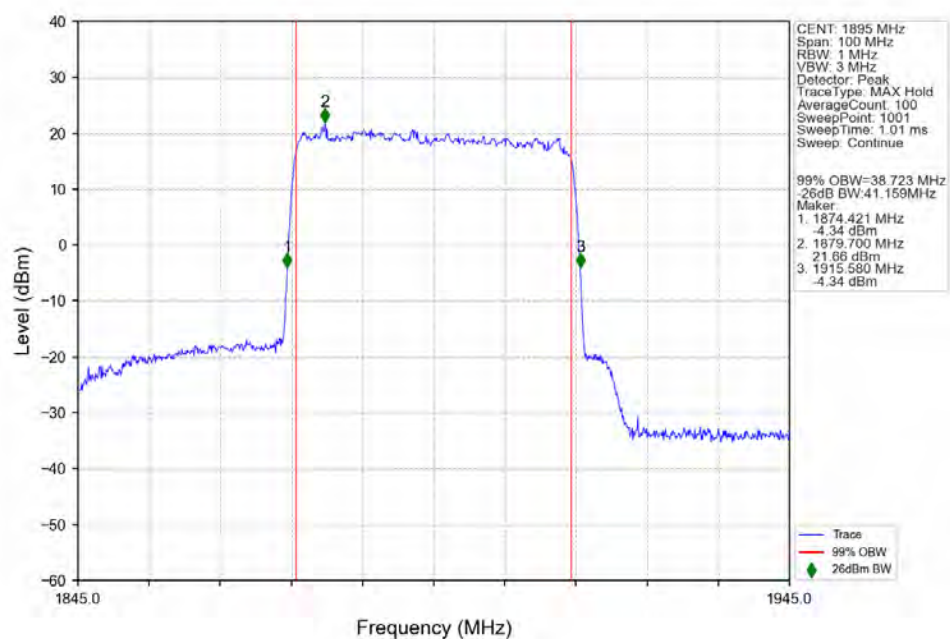
n25 15kHz SISO NTN 40MHz DFT-s-OFDM QPSK 1870MHz Outer Full Ant1



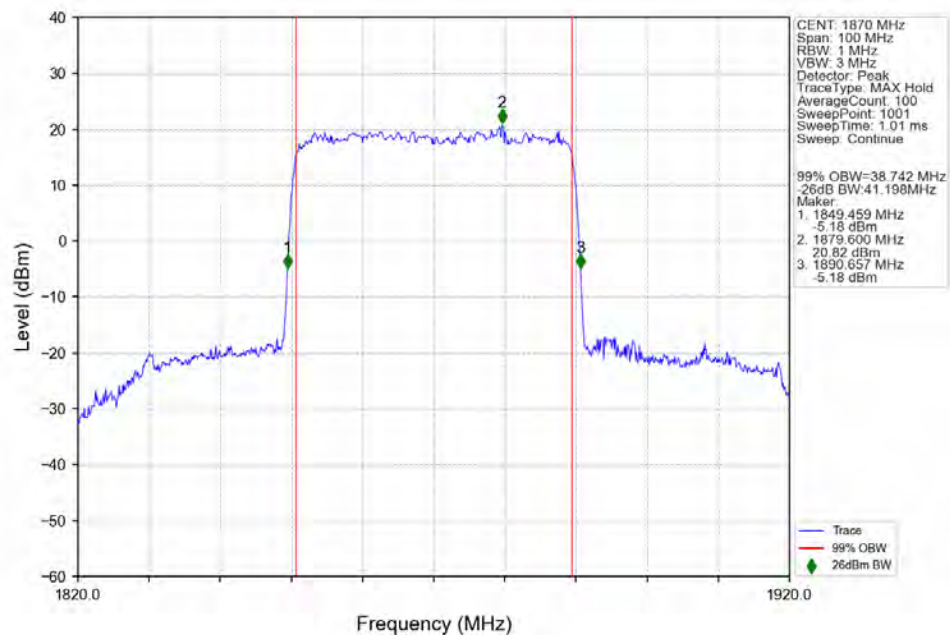
n25 15kHz SISO NTN 40MHz DFT-s-OFDM QPSK 1882.5MHz Outer Full Ant1



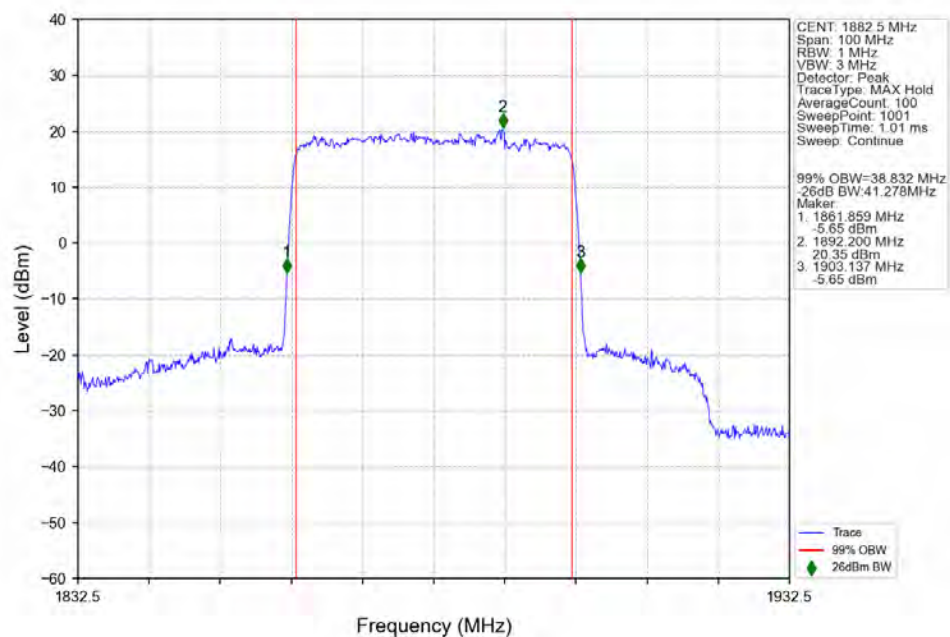
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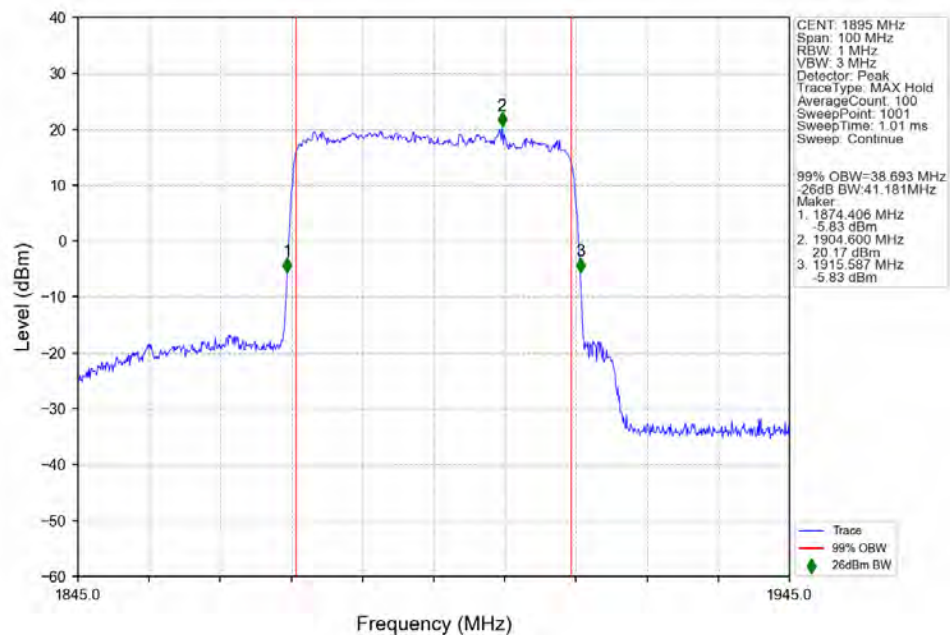
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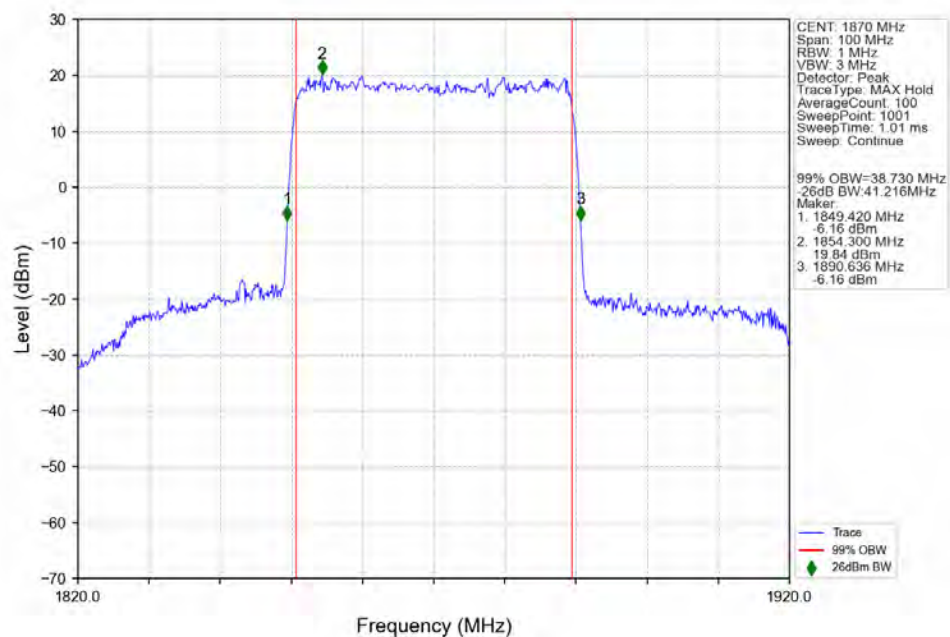
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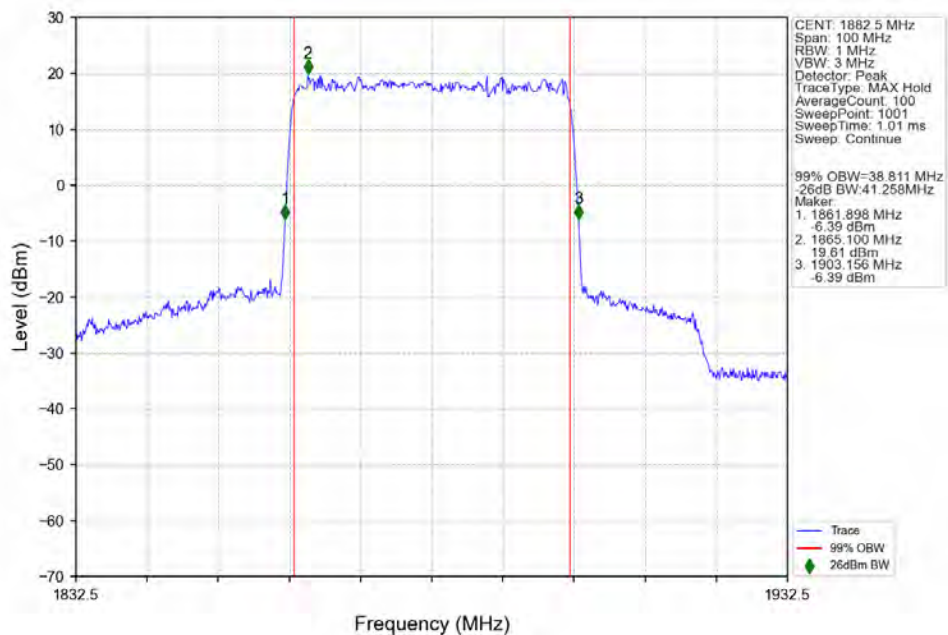
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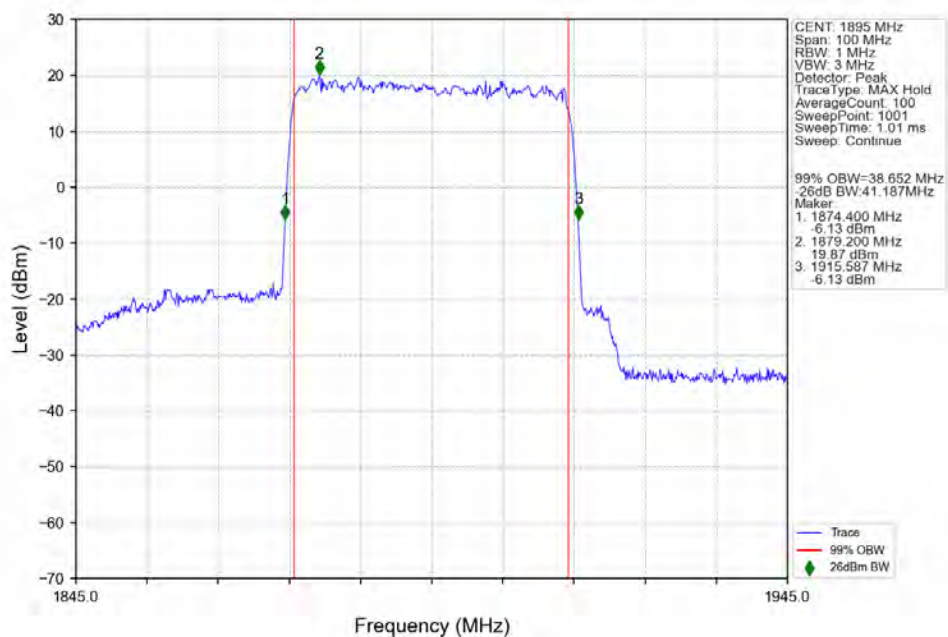
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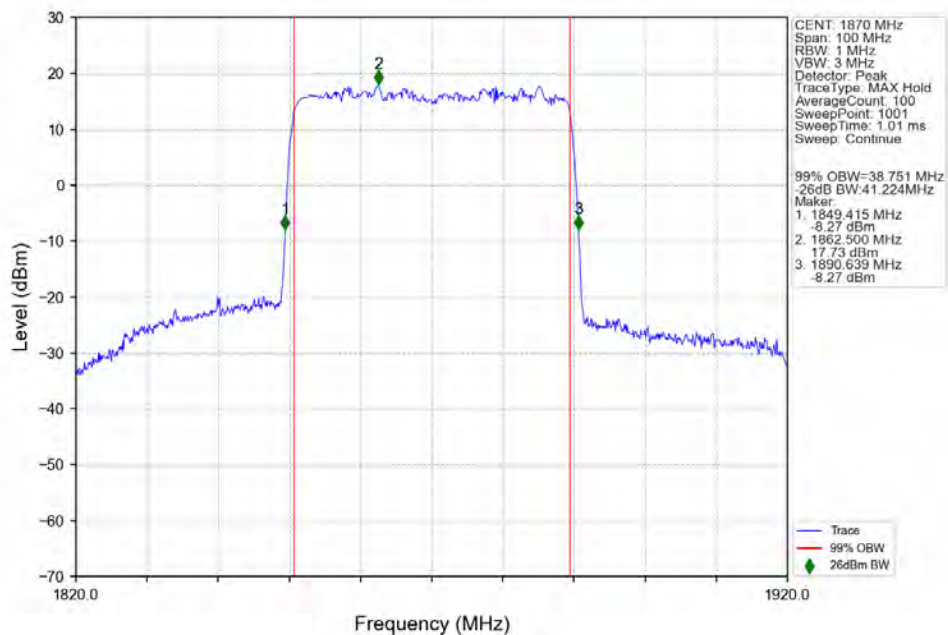
n25 15kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 1882.5MHz Outer Full Ant1



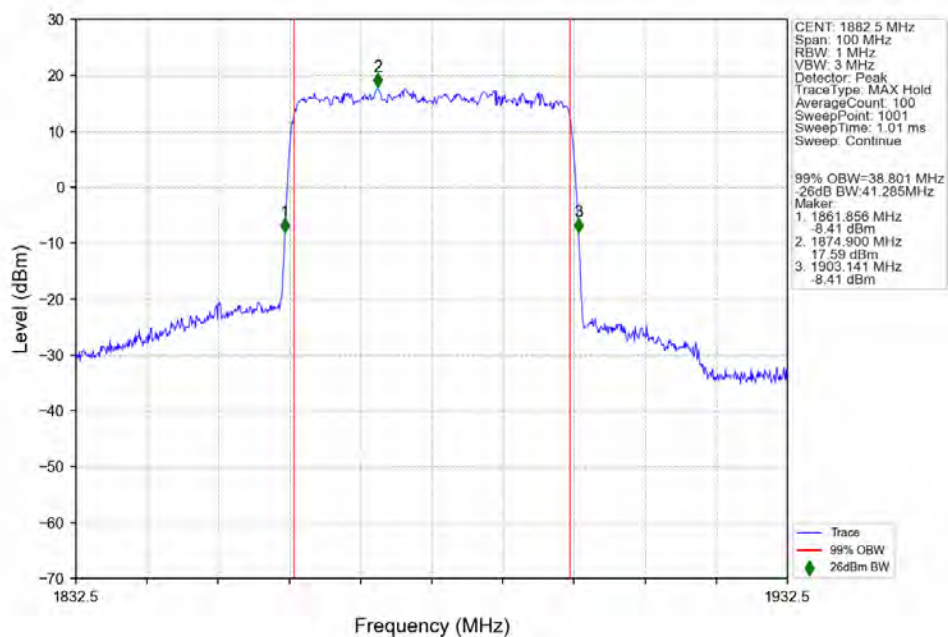
n25 15kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 1895MHz Outer Full Ant1



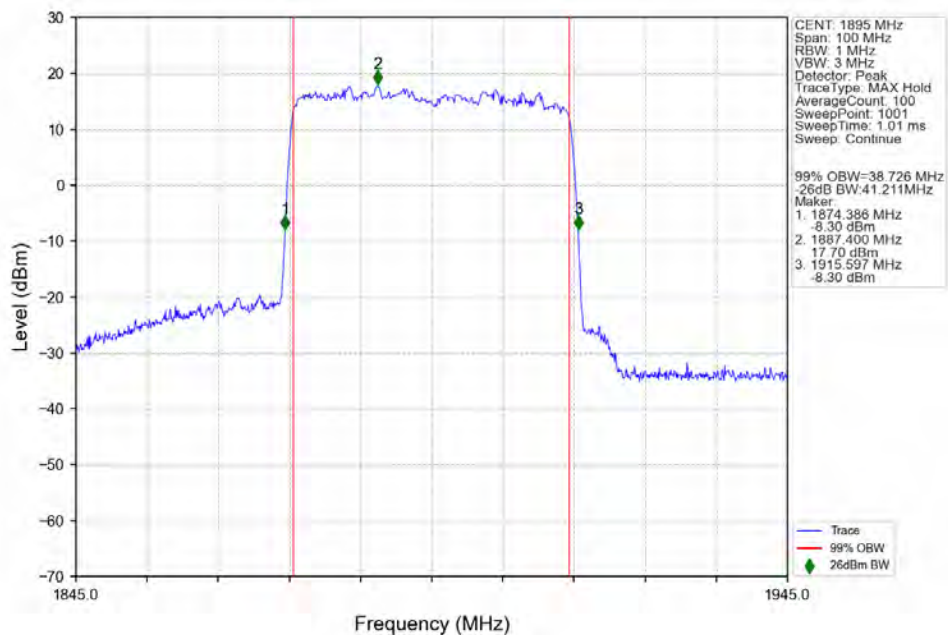
n25 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 1870MHz Outer Full Ant1



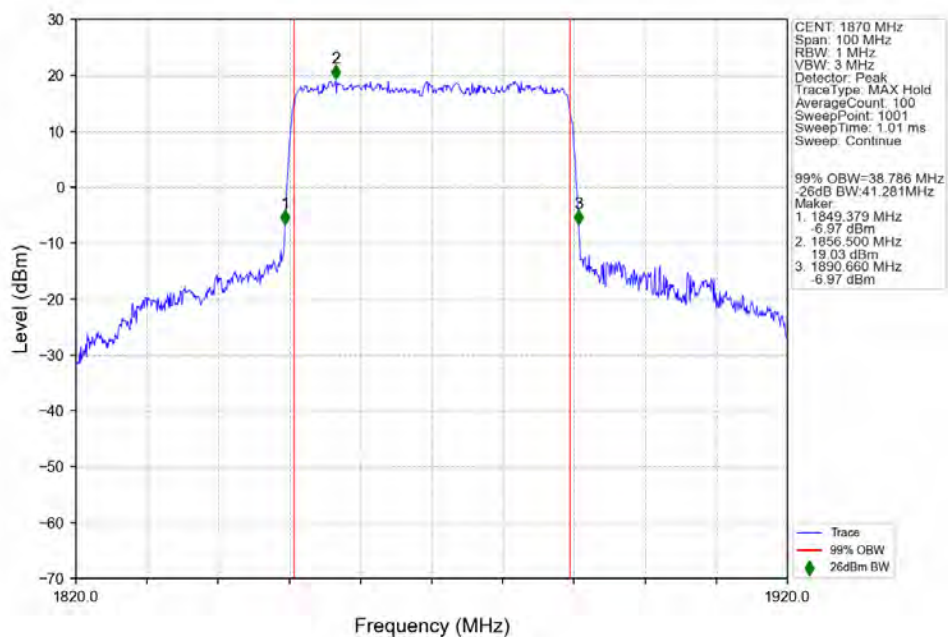
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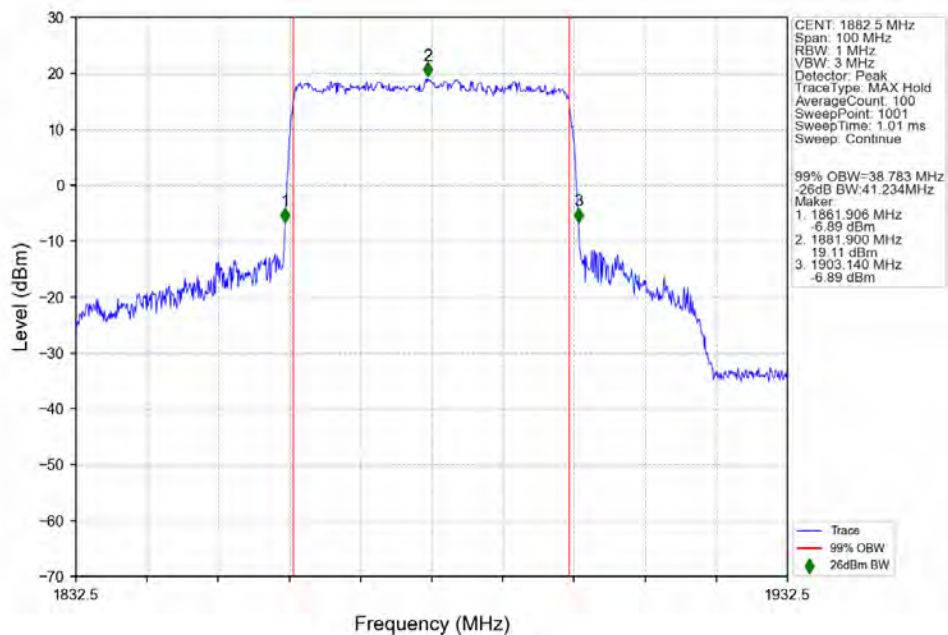
n25 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 1895MHz Outer Full Ant1



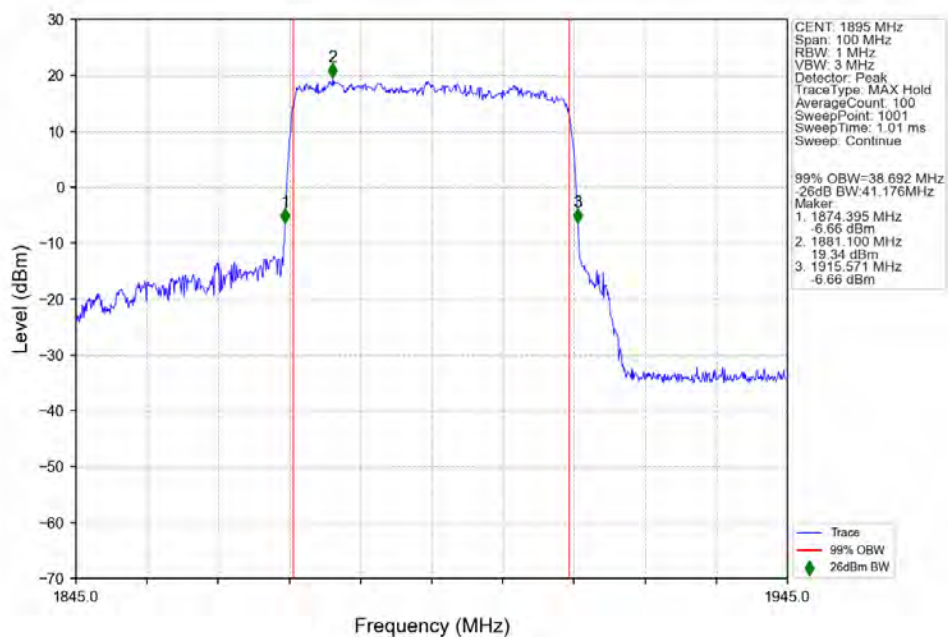
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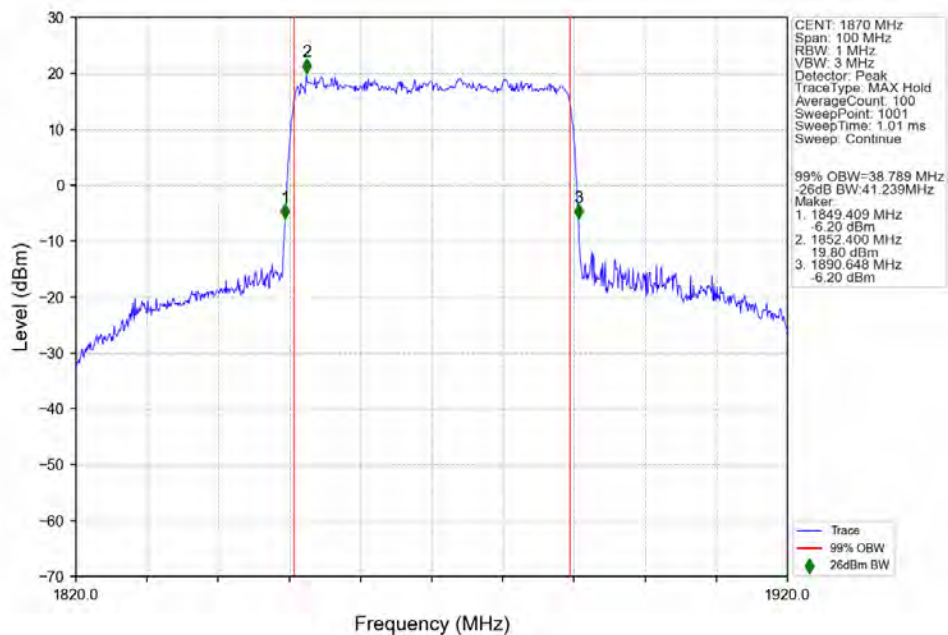
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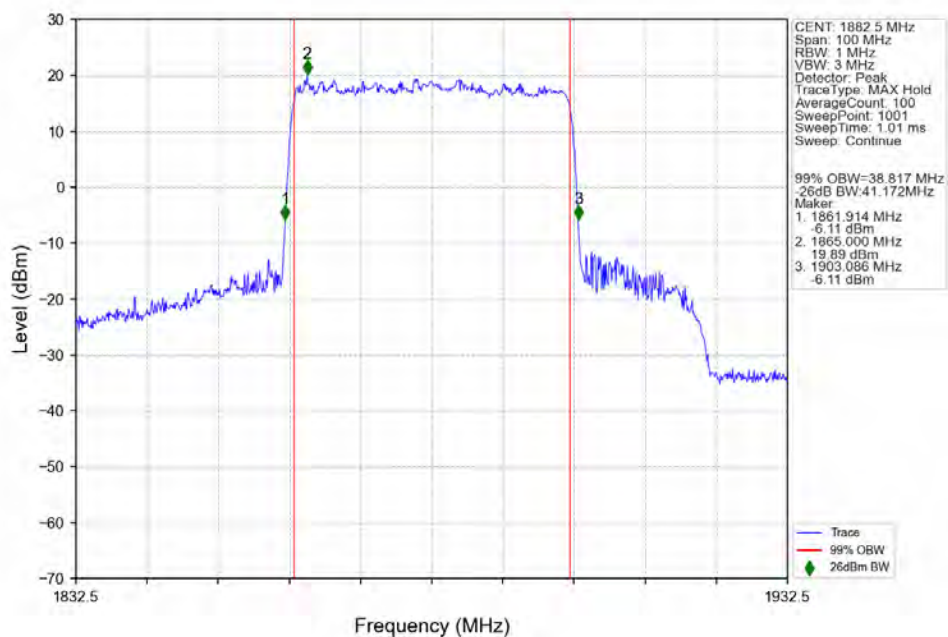
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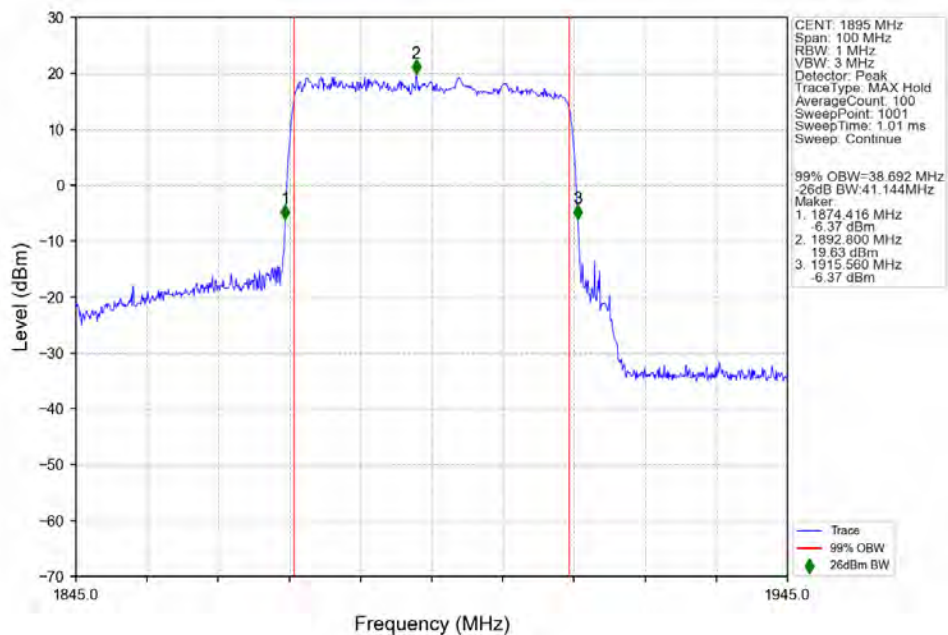
n25 15kHz SISO NTN 40MHz CP-OFDM 16 QAM 1870MHz Outer Full Ant1



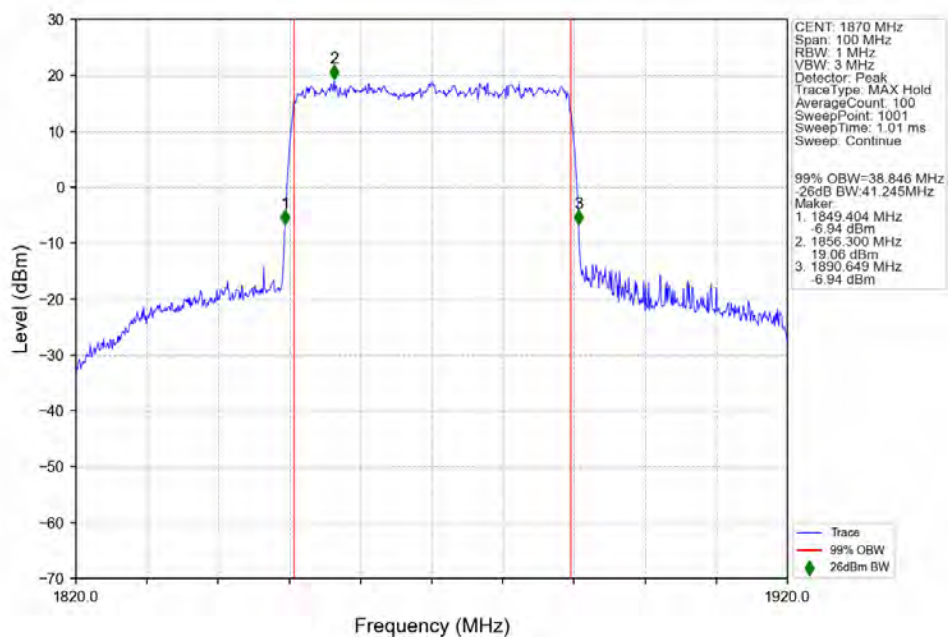
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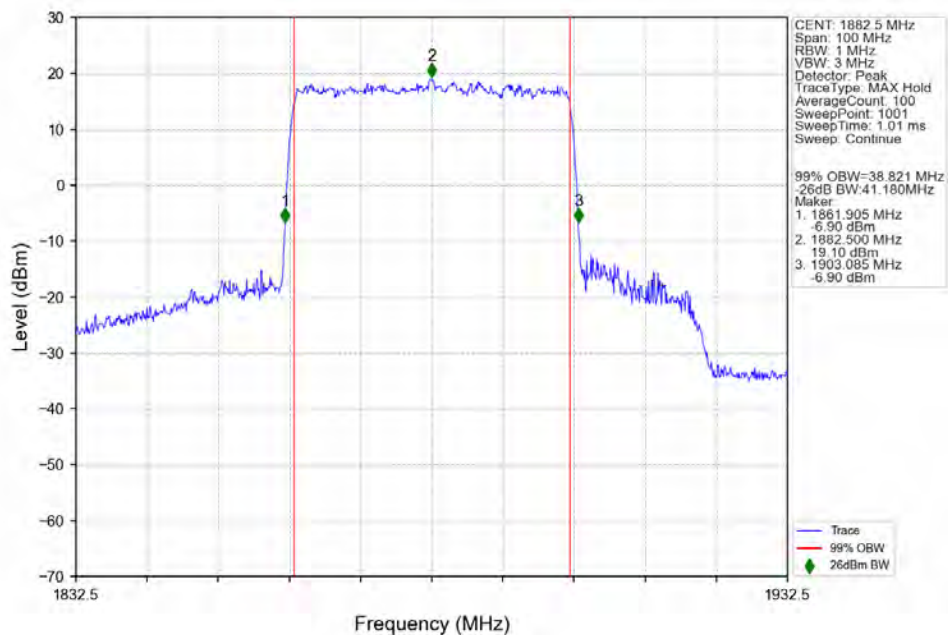
n25 15kHz SISO NTN 40MHz CP-OFDM 16 QAM 1895MHz Outer Full Ant1



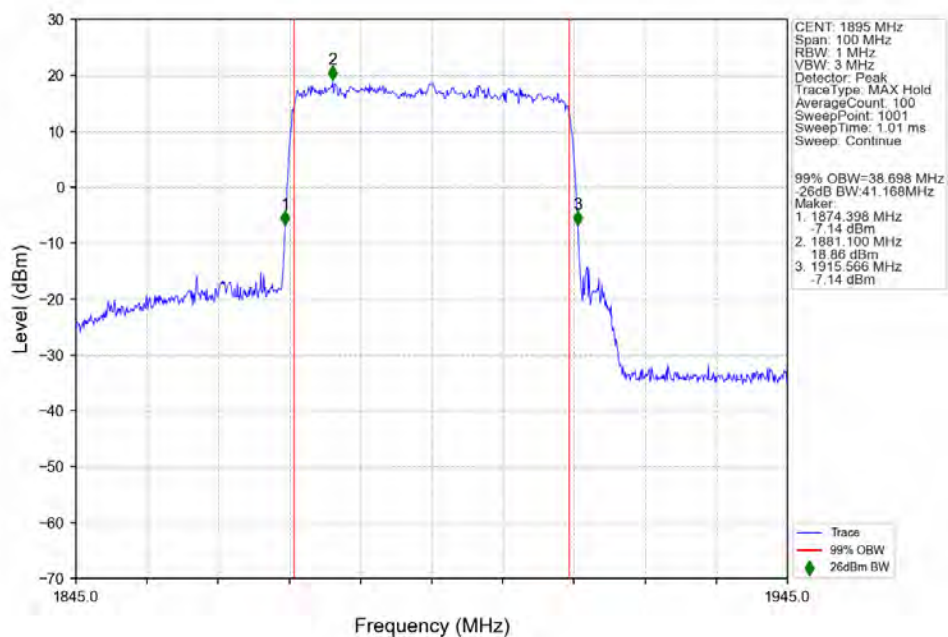
n25 15kHz SISO NTN 40MHz CP-OFDM 64 QAM 1870MHz Outer Full Ant1



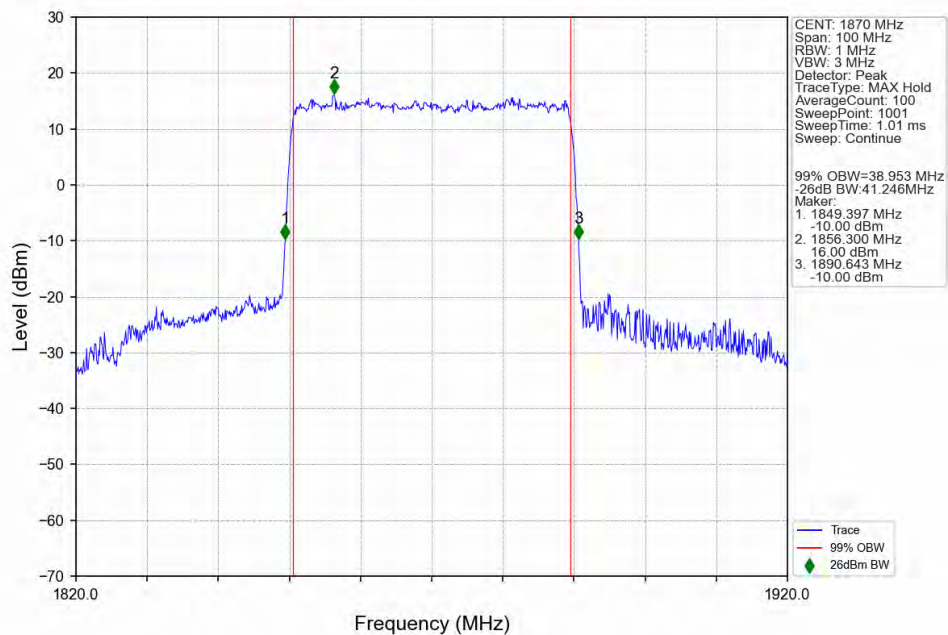
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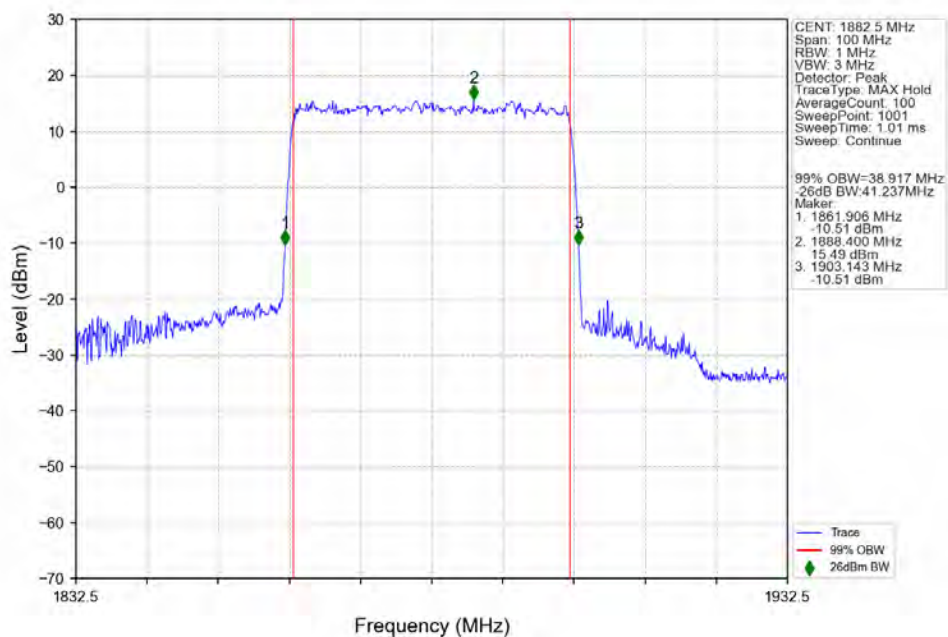
n25 15kHz SISO NTN 40MHz CP-OFDM 64 QAM 1895MHz Outer Full Ant1



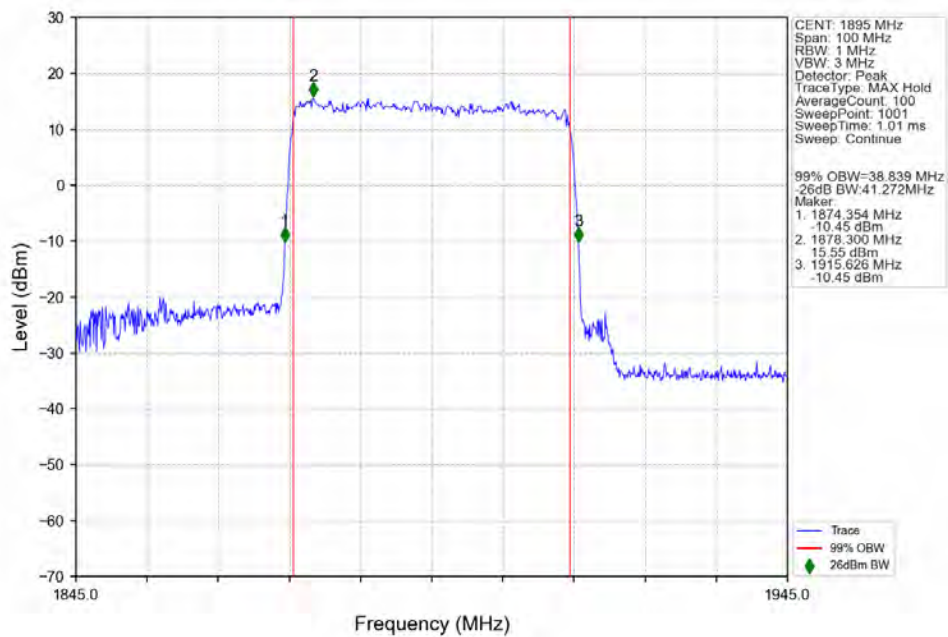
n25 15kHz SISO NTN 40MHz CP-OFDM 256 QAM 1870MHz Outer Full Ant1



n25 15kHz SISO NTN 40MHz CP-OFDM 256 QAM 1882.5MHz Outer Full Ant1



n25 15kHz SISO NTV 40MHz CP-OFDM 256 QAM 1895MHz Outer Full Ant1



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n25 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1852.5	Outer Full	5.86	/	/	<=13	Pass
	1882.5	Outer Full	4.68	/	/	<=13	Pass
	1912.5	Outer Full	4.30	/	/	<=13	Pass
DFT-s-OFDM QPSK	1852.5	Outer Full	6.16	/	/	<=13	Pass
	1882.5	Outer Full	5.78	/	/	<=13	Pass
	1912.5	Outer Full	5.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer Full	6.54	/	/	<=13	Pass
	1882.5	Outer Full	6.44	/	/	<=13	Pass
	1912.5	Outer Full	6.10	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer Full	6.94	/	/	<=13	Pass
	1882.5	Outer Full	6.82	/	/	<=13	Pass
	1912.5	Outer Full	6.54	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer Full	6.96	/	/	<=13	Pass
	1882.5	Outer Full	6.78	/	/	<=13	Pass
	1912.5	Outer Full	6.98	/	/	<=13	Pass
CP-OFDM QPSK	1852.5	Outer Full	8.48	/	/	<=13	Pass
	1882.5	Outer Full	8.54	/	/	<=13	Pass
	1912.5	Outer Full	7.76	/	/	<=13	Pass
CP-OFDM 16 QAM	1852.5	Outer Full	8.92	/	/	<=13	Pass
	1882.5	Outer Full	8.50	/	/	<=13	Pass
	1912.5	Outer Full	8.16	/	/	<=13	Pass
CP-OFDM 64 QAM	1852.5	Outer Full	8.76	/	/	<=13	Pass
	1882.5	Outer Full	8.62	/	/	<=13	Pass
	1912.5	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 256 QAM	1852.5	Outer Full	9.00	/	/	<=13	Pass
	1882.5	Outer Full	8.72	/	/	<=13	Pass
	1912.5	Outer Full	8.68	/	/	<=13	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n25 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1855	Outer Full	4.58	/	/	<=13	Pass
	1882.5	Outer Full	4.56	/	/	<=13	Pass
	1910	Outer Full	4.32	/	/	<=13	Pass
DFT-s-OFDM QPSK	1855	Outer Full	5.88	/	/	<=13	Pass
	1882.5	Outer Full	5.76	/	/	<=13	Pass
	1910	Outer Full	5.44	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1855	Outer Full	6.44	/	/	<=13	Pass
	1882.5	Outer Full	6.76	/	/	<=13	Pass
	1910	Outer Full	6.46	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1855	Outer Full	6.78	/	/	<=13	Pass
	1882.5	Outer Full	6.78	/	/	<=13	Pass
	1910	Outer Full	6.46	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	1855	Outer_Full	6.66	/	/	<=13	Pass
	1882.5	Outer_Full	6.76	/	/	<=13	Pass
	1910	Outer_Full	6.66	/	/	<=13	Pass
CP-OFDM QPSK	1855	Outer_Full	8.48	/	/	<=13	Pass
	1882.5	Outer_Full	8.58	/	/	<=13	Pass
	1910	Outer_Full	8.02	/	/	<=13	Pass
CP-OFDM 16 QAM	1855	Outer_Full	8.70	/	/	<=13	Pass
	1882.5	Outer_Full	8.62	/	/	<=13	Pass
	1910	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 64 QAM	1855	Outer_Full	8.46	/	/	<=13	Pass
	1882.5	Outer_Full	8.32	/	/	<=13	Pass
	1910	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 256 QAM	1855	Outer_Full	8.34	/	/	<=13	Pass
	1882.5	Outer_Full	8.50	/	/	<=13	Pass
	1910	Outer_Full	8.46	/	/	<=13	Pass

4.1.3 15k_SISO_15MHz_NTNV

5G NR n25 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1857.5	Outer_Full	4.38	/	/	<=13	Pass
	1882.5	Outer_Full	4.64	/	/	<=13	Pass
	1907.5	Outer_Full	4.40	/	/	<=13	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	5.78	/	/	<=13	Pass
	1882.5	Outer_Full	5.78	/	/	<=13	Pass
	1907.5	Outer_Full	5.54	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	6.42	/	/	<=13	Pass
	1882.5	Outer_Full	6.54	/	/	<=13	Pass
	1907.5	Outer_Full	6.26	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	6.62	/	/	<=13	Pass
	1882.5	Outer_Full	6.66	/	/	<=13	Pass
	1907.5	Outer_Full	6.64	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	6.54	/	/	<=13	Pass
	1882.5	Outer_Full	6.76	/	/	<=13	Pass
	1907.5	Outer_Full	6.76	/	/	<=13	Pass
CP-OFDM QPSK	1857.5	Outer_Full	8.48	/	/	<=13	Pass
	1882.5	Outer_Full	8.42	/	/	<=13	Pass
	1907.5	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 16 QAM	1857.5	Outer_Full	8.48	/	/	<=13	Pass
	1882.5	Outer_Full	8.52	/	/	<=13	Pass
	1907.5	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 64 QAM	1857.5	Outer_Full	8.44	/	/	<=13	Pass
	1882.5	Outer_Full	8.58	/	/	<=13	Pass
	1907.5	Outer_Full	8.26	/	/	<=13	Pass
CP-OFDM 256 QAM	1857.5	Outer_Full	8.78	/	/	<=13	Pass
	1882.5	Outer_Full	8.78	/	/	<=13	Pass
	1907.5	Outer_Full	8.64	/	/	<=13	Pass

4.1.4 15k_SISO_20MHz_NTNV

5G NR n25 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1860	Outer_Full	4.50	/	/	<=13	Pass
	1882.5	Outer_Full	4.50	/	/	<=13	Pass

	1905	Outer Full	4.38	/	/	<=13	Pass
DFT-s-OFDM QPSK	1860	Outer Full	5.74	/	/	<=13	Pass
	1882.5	Outer Full	5.88	/	/	<=13	Pass
	1905	Outer Full	5.60	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1860	Outer Full	6.54	/	/	<=13	Pass
	1882.5	Outer Full	6.48	/	/	<=13	Pass
	1905	Outer Full	6.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1860	Outer Full	6.62	/	/	<=13	Pass
	1882.5	Outer Full	6.82	/	/	<=13	Pass
	1905	Outer Full	6.58	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1860	Outer Full	6.70	/	/	<=13	Pass
	1882.5	Outer Full	6.64	/	/	<=13	Pass
	1905	Outer Full	6.78	/	/	<=13	Pass
CP-OFDM QPSK	1860	Outer Full	8.38	/	/	<=13	Pass
	1882.5	Outer Full	8.52	/	/	<=13	Pass
	1905	Outer Full	8.20	/	/	<=13	Pass
CP-OFDM 16 QAM	1860	Outer Full	8.40	/	/	<=13	Pass
	1882.5	Outer Full	8.40	/	/	<=13	Pass
	1905	Outer Full	8.22	/	/	<=13	Pass
CP-OFDM 64 QAM	1860	Outer Full	8.38	/	/	<=13	Pass
	1882.5	Outer Full	8.50	/	/	<=13	Pass
	1905	Outer Full	8.38	/	/	<=13	Pass
CP-OFDM 256 QAM	1860	Outer Full	8.46	/	/	<=13	Pass
	1882.5	Outer Full	8.60	/	/	<=13	Pass
	1905	Outer Full	8.58	/	/	<=13	Pass

4.1.5 15k_SISO_25MHz_NTNV

5G NR n25 SCS=15kHz SISO 25MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1862.5	Outer Full	5.00	/	/	<=13	Pass
	1882.5	Outer Full	4.82	/	/	<=13	Pass
	1902.5	Outer Full	4.84	/	/	<=13	Pass
DFT-s-OFDM QPSK	1862.5	Outer Full	5.70	/	/	<=13	Pass
	1882.5	Outer Full	5.74	/	/	<=13	Pass
	1902.5	Outer Full	5.70	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1862.5	Outer Full	6.46	/	/	<=13	Pass
	1882.5	Outer Full	6.48	/	/	<=13	Pass
	1902.5	Outer Full	6.48	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1862.5	Outer Full	6.74	/	/	<=13	Pass
	1882.5	Outer Full	6.76	/	/	<=13	Pass
	1902.5	Outer Full	6.68	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1862.5	Outer Full	6.82	/	/	<=13	Pass
	1882.5	Outer Full	6.88	/	/	<=13	Pass
	1902.5	Outer Full	6.94	/	/	<=13	Pass
CP-OFDM QPSK	1862.5	Outer Full	8.46	/	/	<=13	Pass
	1882.5	Outer Full	8.48	/	/	<=13	Pass
	1902.5	Outer Full	8.32	/	/	<=13	Pass
CP-OFDM 16 QAM	1862.5	Outer Full	8.52	/	/	<=13	Pass
	1882.5	Outer Full	8.52	/	/	<=13	Pass
	1902.5	Outer Full	8.38	/	/	<=13	Pass
CP-OFDM 64 QAM	1862.5	Outer Full	8.50	/	/	<=13	Pass
	1882.5	Outer Full	8.60	/	/	<=13	Pass
	1902.5	Outer Full	8.44	/	/	<=13	Pass
CP-OFDM 256 QAM	1862.5	Outer Full	8.58	/	/	<=13	Pass
	1882.5	Outer Full	8.58	/	/	<=13	Pass

	1902.5	Outer_Full	8.58	/	/	<=13	Pass
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4.1.6 15k_SISO_30MHz_NTNV

5G NR n25 SCS=15kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1865	Outer_Full	4.66	/	/	<=13	Pass
	1882.5	Outer_Full	4.54	/	/	<=13	Pass
	1900	Outer_Full	4.56	/	/	<=13	Pass
DFT-s-OFDM QPSK	1865	Outer_Full	5.82	/	/	<=13	Pass
	1882.5	Outer_Full	5.76	/	/	<=13	Pass
	1900	Outer_Full	5.68	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1865	Outer_Full	6.46	/	/	<=13	Pass
	1882.5	Outer_Full	6.52	/	/	<=13	Pass
	1900	Outer_Full	6.52	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1865	Outer_Full	6.80	/	/	<=13	Pass
	1882.5	Outer_Full	6.70	/	/	<=13	Pass
	1900	Outer_Full	6.78	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1865	Outer_Full	6.76	/	/	<=13	Pass
	1882.5	Outer_Full	6.70	/	/	<=13	Pass
	1900	Outer_Full	6.68	/	/	<=13	Pass
CP-OFDM QPSK	1865	Outer_Full	8.34	/	/	<=13	Pass
	1882.5	Outer_Full	8.36	/	/	<=13	Pass
	1900	Outer_Full	8.32	/	/	<=13	Pass
CP-OFDM 16 QAM	1865	Outer_Full	8.34	/	/	<=13	Pass
	1882.5	Outer_Full	8.42	/	/	<=13	Pass
	1900	Outer_Full	8.26	/	/	<=13	Pass
CP-OFDM 64 QAM	1865	Outer_Full	8.50	/	/	<=13	Pass
	1882.5	Outer_Full	8.56	/	/	<=13	Pass
	1900	Outer_Full	8.42	/	/	<=13	Pass
CP-OFDM 256 QAM	1865	Outer_Full	8.62	/	/	<=13	Pass
	1882.5	Outer_Full	8.60	/	/	<=13	Pass
	1900	Outer_Full	8.60	/	/	<=13	Pass

4.1.7 15k_SISO_35MHz_NTNV

5G NR n25 SCS=15kHz SISO 35MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1867.5	Outer_Full	4.72	/	/	<=13	Pass
	1882.5	Outer_Full	4.58	/	/	<=13	Pass
	1897.5	Outer_Full	4.54	/	/	<=13	Pass
DFT-s-OFDM QPSK	1867.5	Outer_Full	5.80	/	/	<=13	Pass
	1882.5	Outer_Full	5.66	/	/	<=13	Pass
	1897.5	Outer_Full	5.68	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1867.5	Outer_Full	6.52	/	/	<=13	Pass
	1882.5	Outer_Full	6.54	/	/	<=13	Pass
	1897.5	Outer_Full	6.56	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1867.5	Outer_Full	6.76	/	/	<=13	Pass
	1882.5	Outer_Full	6.72	/	/	<=13	Pass
	1897.5	Outer_Full	6.70	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1867.5	Outer_Full	6.68	/	/	<=13	Pass
	1882.5	Outer_Full	6.72	/	/	<=13	Pass
	1897.5	Outer_Full	6.80	/	/	<=13	Pass
CP-OFDM QPSK	1867.5	Outer_Full	8.34	/	/	<=13	Pass

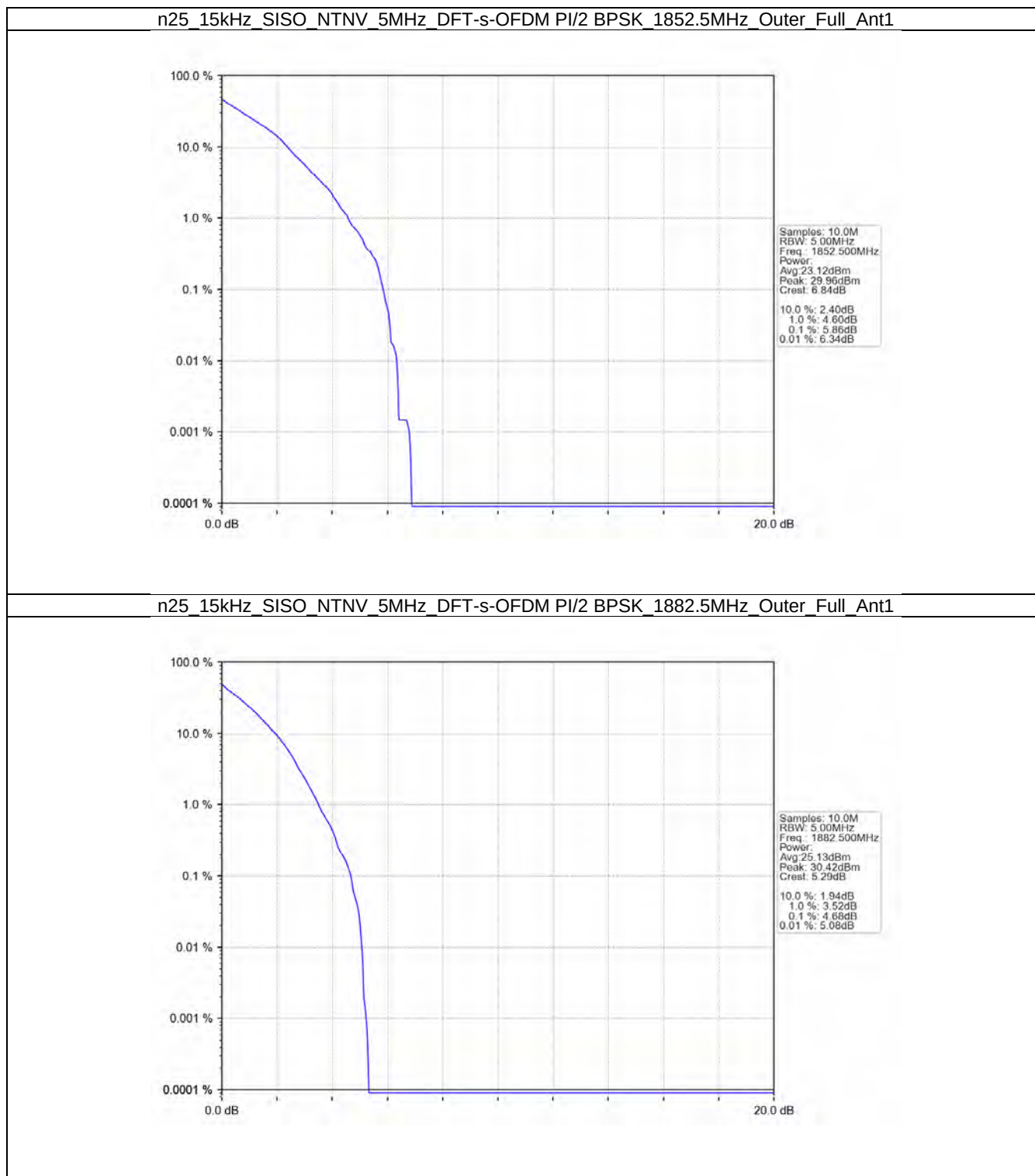
CP-OFDM 16 QAM	1882.5	Outer Full	8.42	/	/	<=13	Pass
	1897.5	Outer Full	8.28	/	/	<=13	Pass
	1867.5	Outer Full	8.42	/	/	<=13	Pass
	1882.5	Outer Full	8.44	/	/	<=13	Pass
	1897.5	Outer Full	8.32	/	/	<=13	Pass
CP-OFDM 64 QAM	1867.5	Outer Full	8.48	/	/	<=13	Pass
	1882.5	Outer Full	8.50	/	/	<=13	Pass
	1897.5	Outer Full	8.42	/	/	<=13	Pass
CP-OFDM 256 QAM	1867.5	Outer Full	8.54	/	/	<=13	Pass
	1882.5	Outer Full	8.52	/	/	<=13	Pass
	1897.5	Outer Full	8.58	/	/	<=13	Pass

4.1.8 15k_SISO_40MHz_NTNV

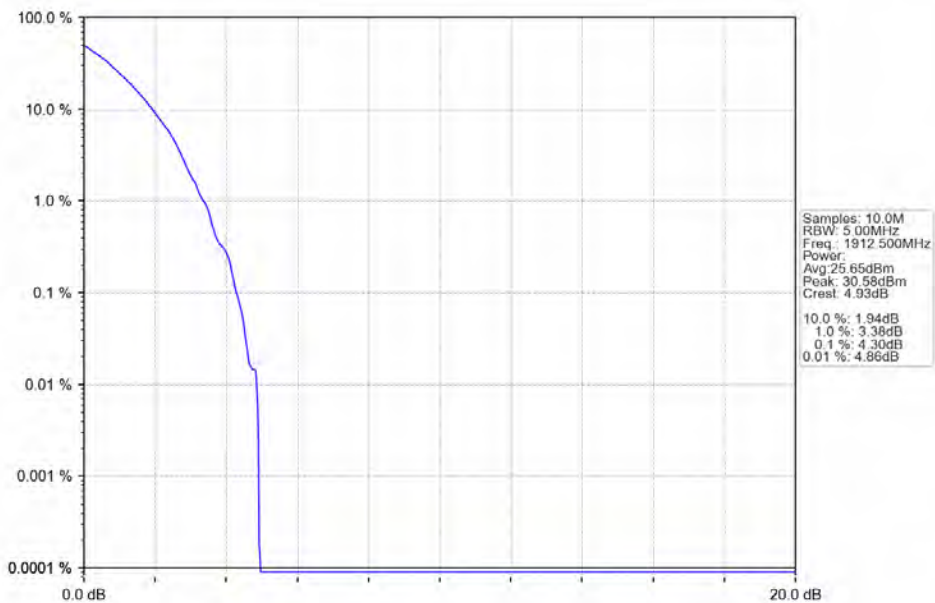
5G NR n25 SCS=15kHz SISO 40MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1870	Outer Full	5.10	/	/	<=13	Pass
	1882.5	Outer Full	5.14	/	/	<=13	Pass
	1895	Outer Full	5.22	/	/	<=13	Pass
DFT-s-OFDM QPSK	1870	Outer Full	5.76	/	/	<=13	Pass
	1882.5	Outer Full	5.84	/	/	<=13	Pass
	1895	Outer Full	5.80	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1870	Outer Full	6.36	/	/	<=13	Pass
	1882.5	Outer Full	6.46	/	/	<=13	Pass
	1895	Outer Full	6.62	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1870	Outer Full	6.68	/	/	<=13	Pass
	1882.5	Outer Full	6.80	/	/	<=13	Pass
	1895	Outer Full	6.82	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1870	Outer Full	6.82	/	/	<=13	Pass
	1882.5	Outer Full	6.74	/	/	<=13	Pass
	1895	Outer Full	6.80	/	/	<=13	Pass
CP-OFDM QPSK	1870	Outer Full	8.40	/	/	<=13	Pass
	1882.5	Outer Full	8.48	/	/	<=13	Pass
	1895	Outer Full	8.46	/	/	<=13	Pass
CP-OFDM 16 QAM	1870	Outer Full	8.40	/	/	<=13	Pass
	1882.5	Outer Full	8.42	/	/	<=13	Pass
	1895	Outer Full	8.42	/	/	<=13	Pass
CP-OFDM 64 QAM	1870	Outer Full	8.44	/	/	<=13	Pass
	1882.5	Outer Full	8.58	/	/	<=13	Pass
	1895	Outer Full	8.64	/	/	<=13	Pass
CP-OFDM 256 QAM	1870	Outer Full	8.62	/	/	<=13	Pass
	1882.5	Outer Full	8.56	/	/	<=13	Pass
	1895	Outer Full	8.58	/	/	<=13	Pass

4.2 Test Graph

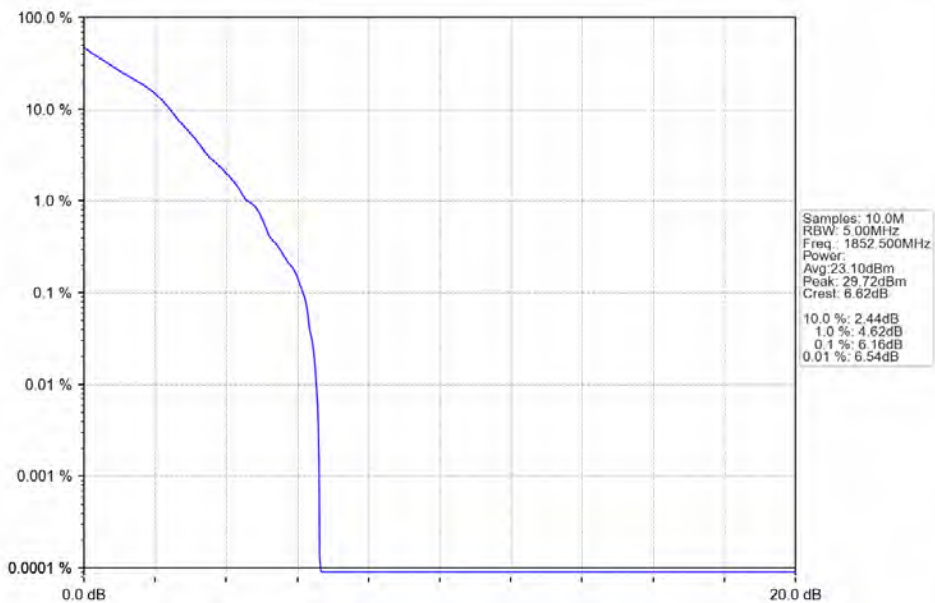
4.2.1 15k_SISO_5MHz_NTNV



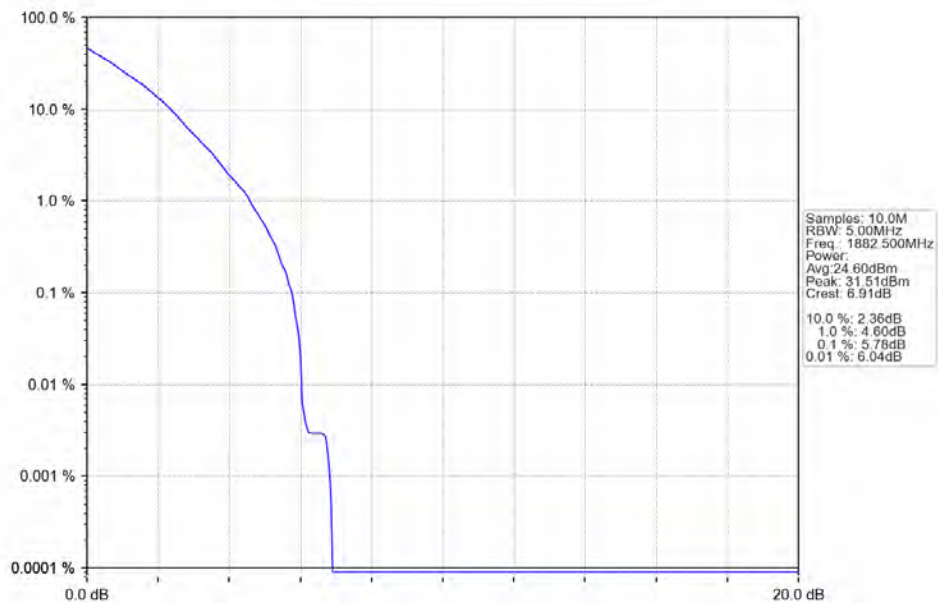
n25 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 1912.5MHz Outer Full Ant1



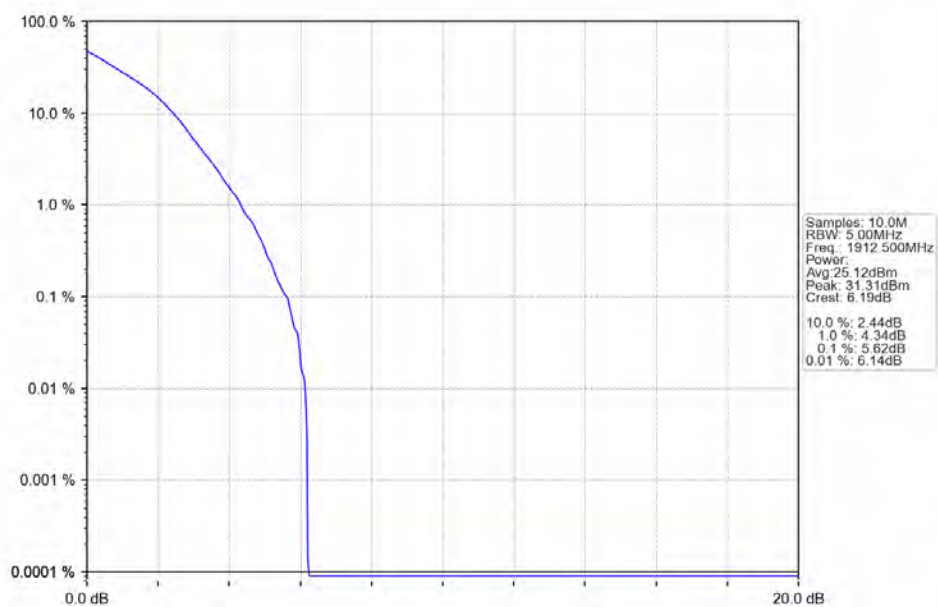
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1852.5MHz Outer Full Ant1



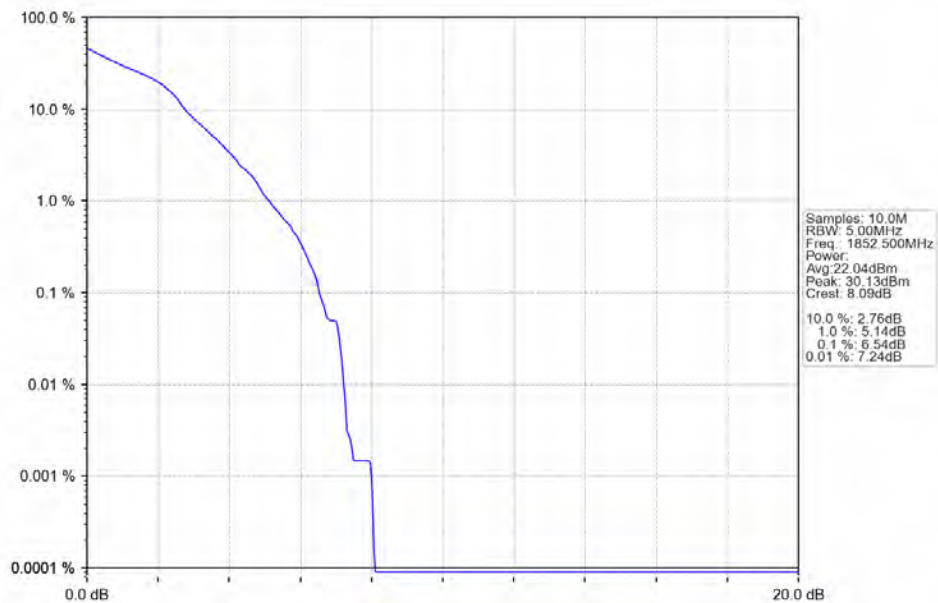
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1882.5MHz Outer Full Ant1



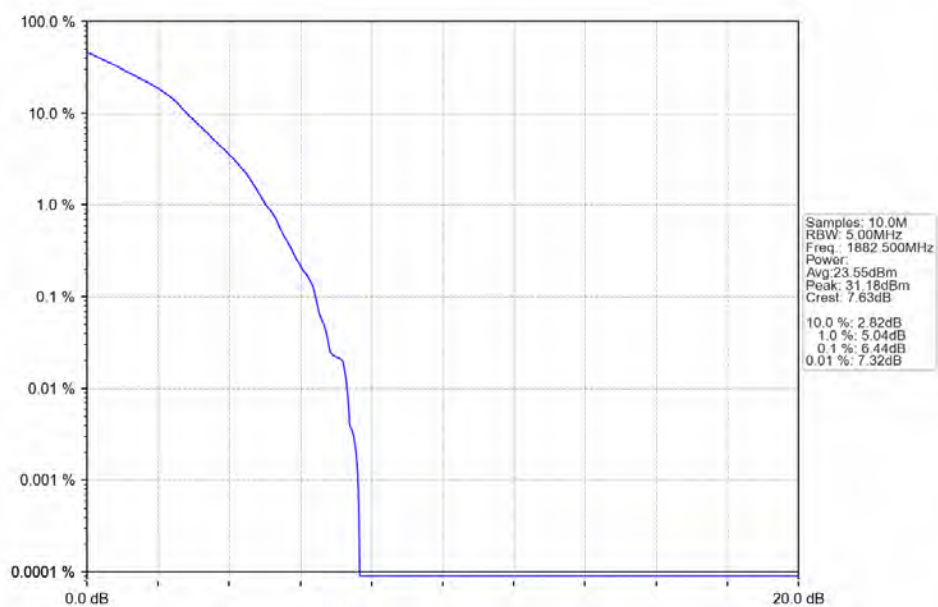
n25 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 1912.5MHz Outer Full Ant1



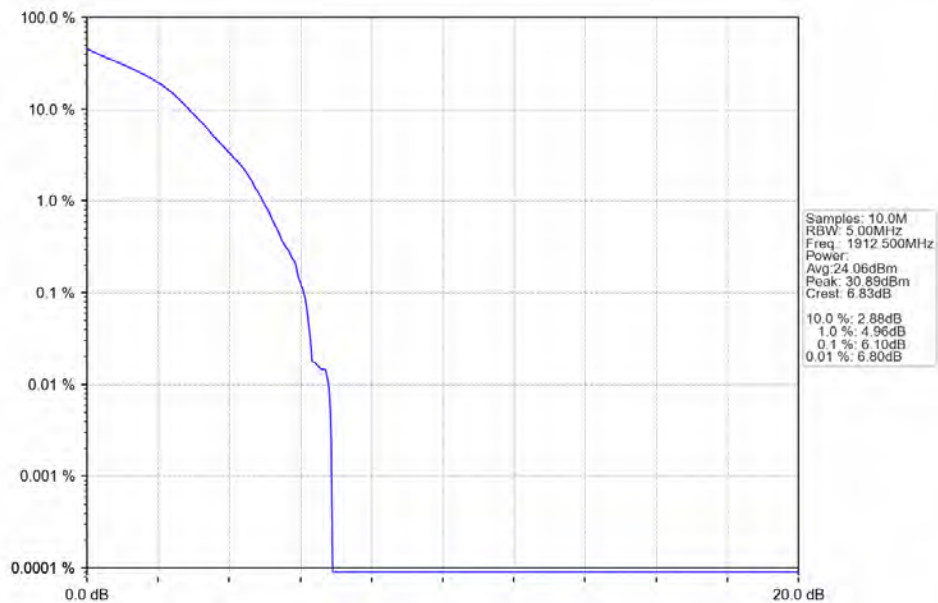
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1852.5MHz Outer Full Ant1



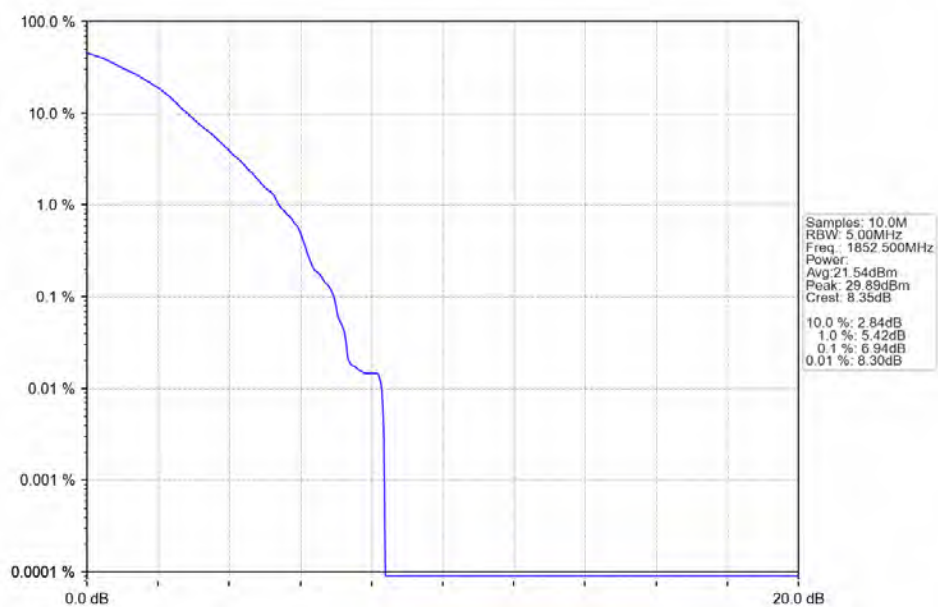
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1882.5MHz Outer Full Ant1



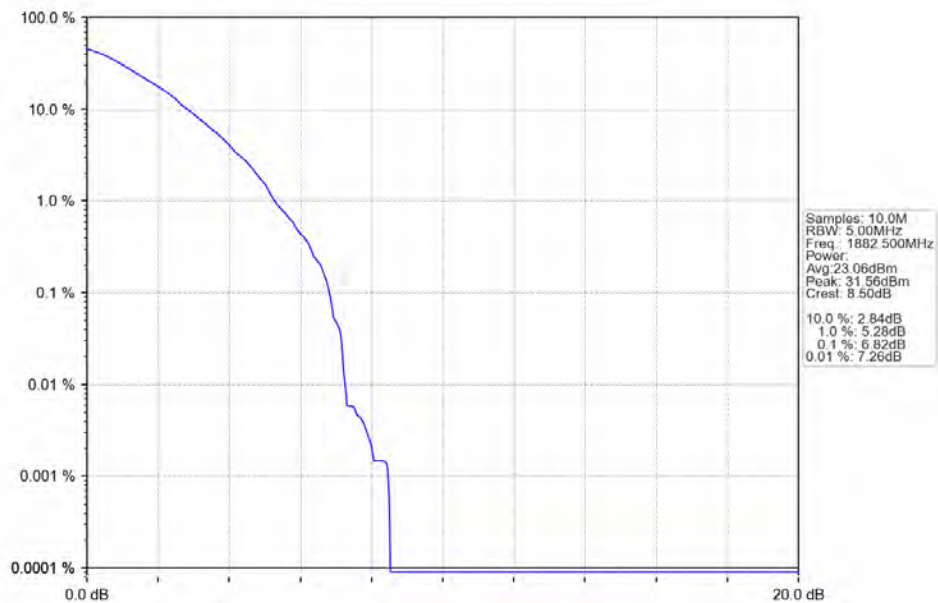
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 1912.5MHz Outer Full Ant1



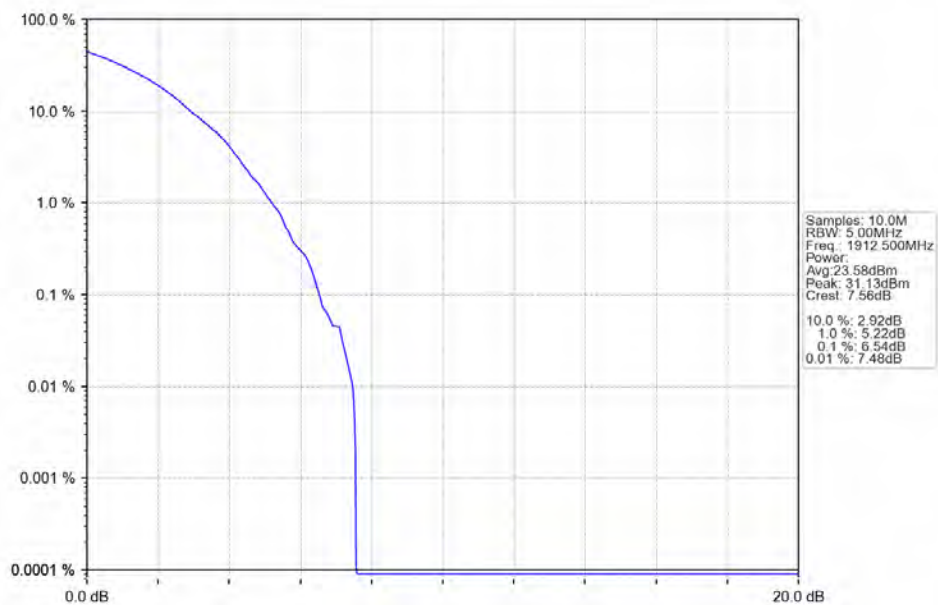
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1852.5MHz Outer Full Ant1



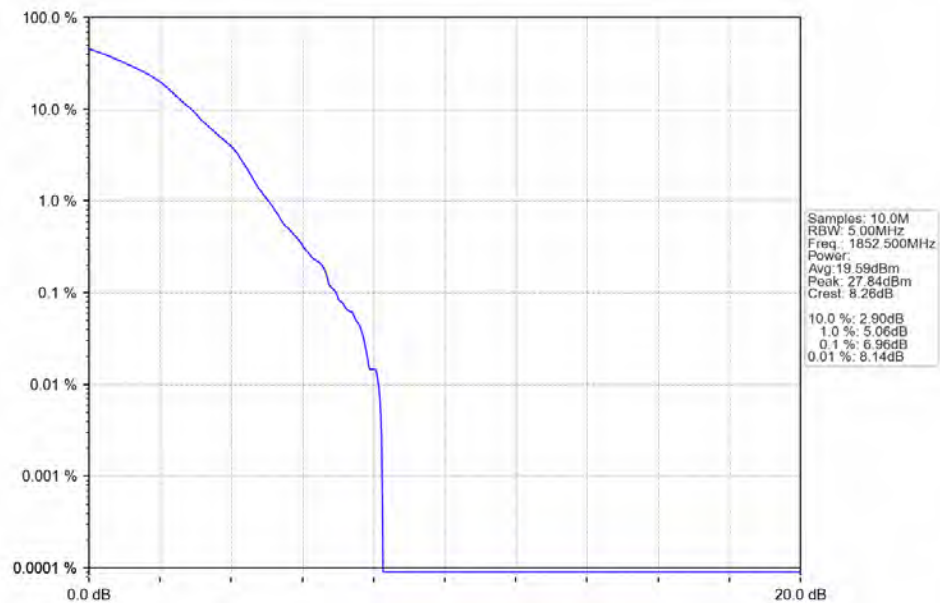
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1882.5MHz Outer Full Ant1



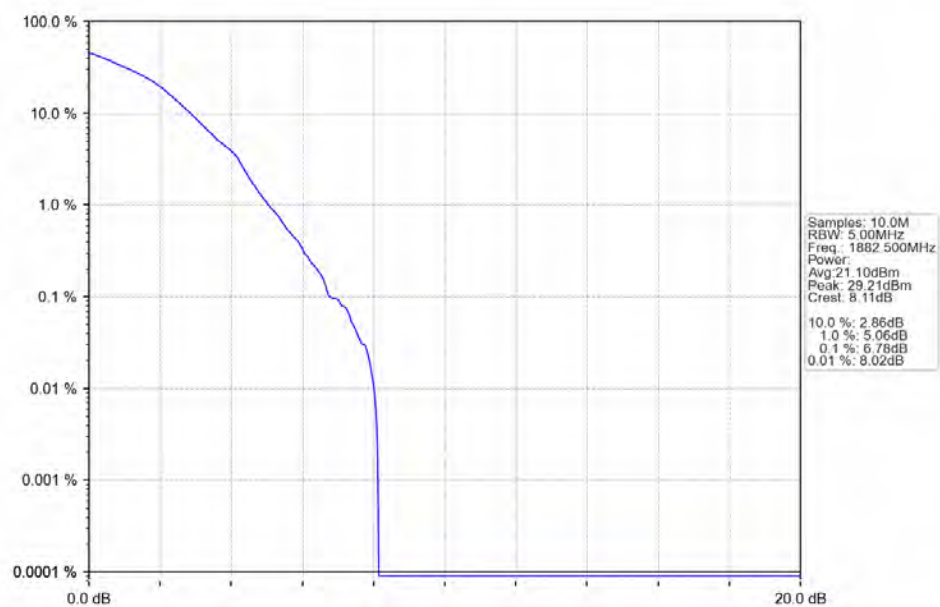
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 1912.5MHz Outer Full Ant1



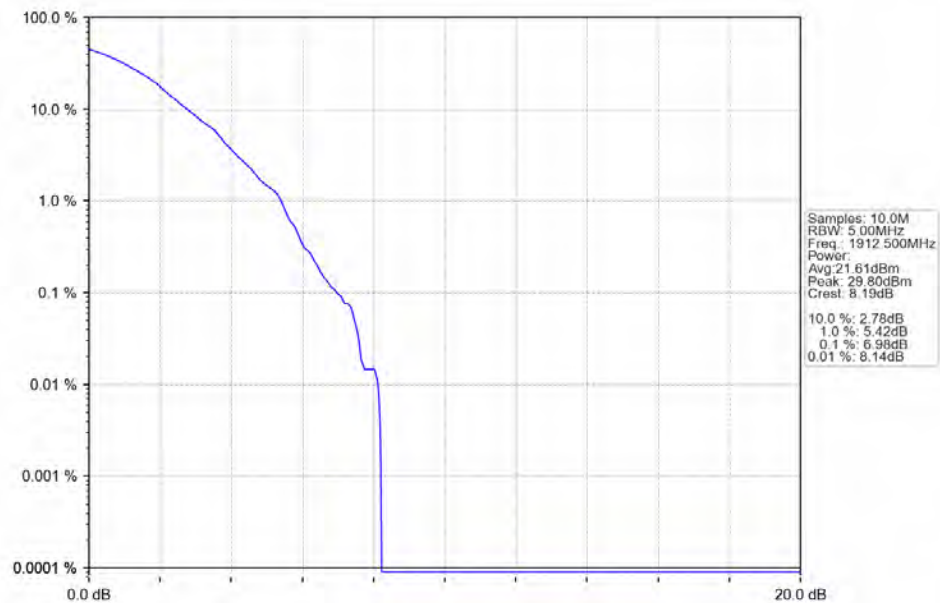
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1852.5MHz Outer Full Ant1



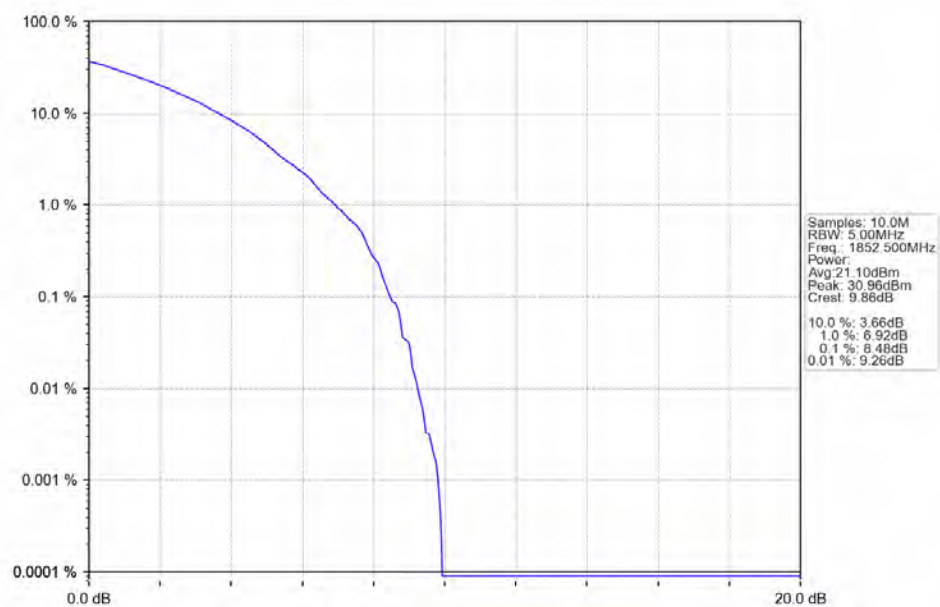
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1882.5MHz Outer Full Ant1



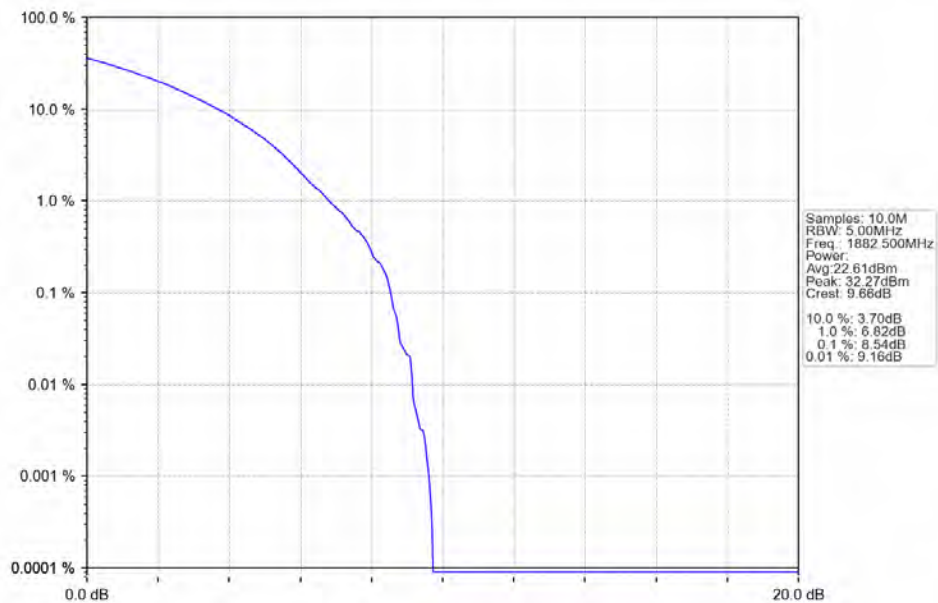
n25 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 1912.5MHz Outer Full Ant1



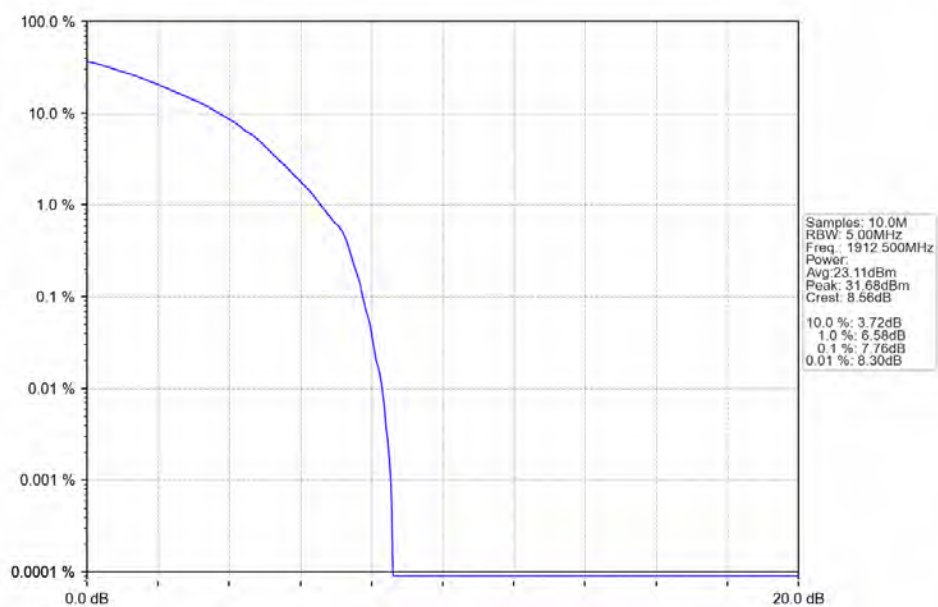
n25 15kHz SISO NTN 5MHz CP-OFDM QPSK 1852.5MHz Outer Full Ant1



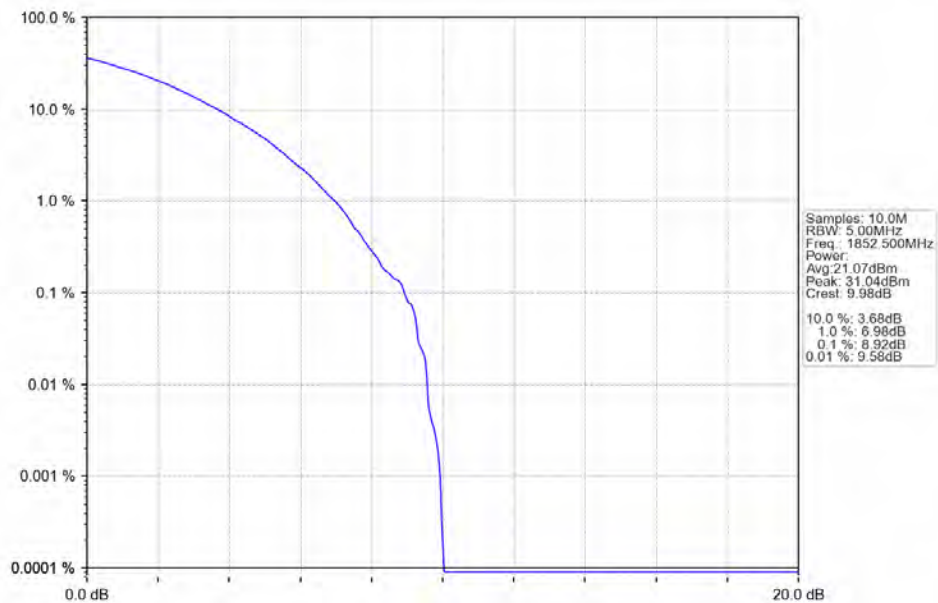
n25 15kHz SISO NTN 5MHz CP-OFDM QPSK 1882.5MHz Outer Full Ant1



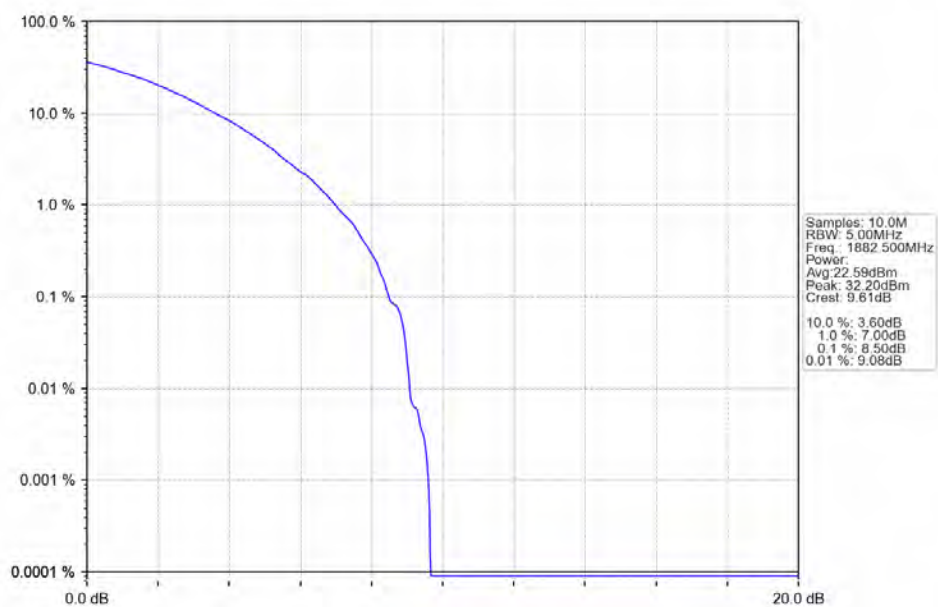
n25 15kHz SISO NTN 5MHz CP-OFDM QPSK 1912.5MHz Outer Full Ant1



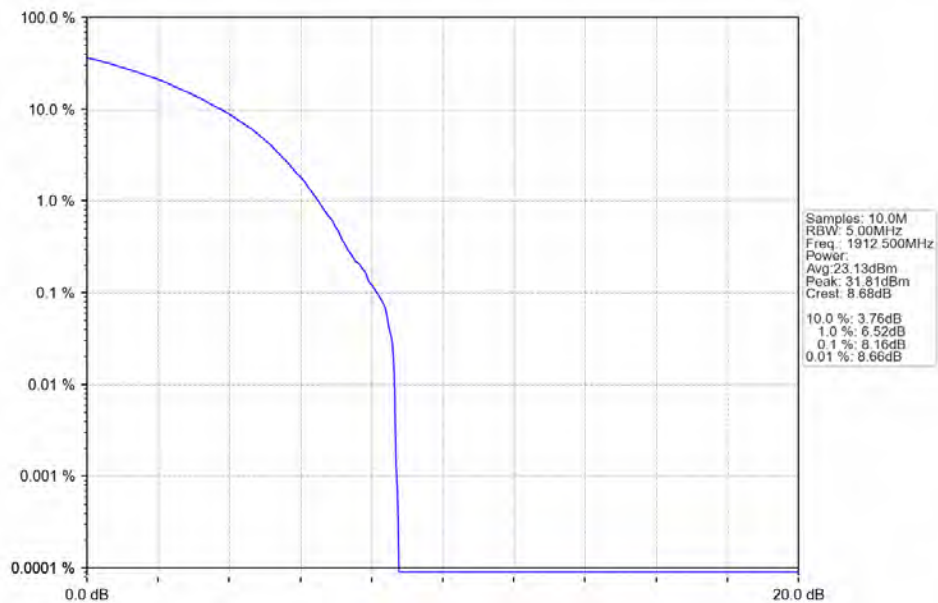
n25 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 1852.5MHz Outer Full Ant1



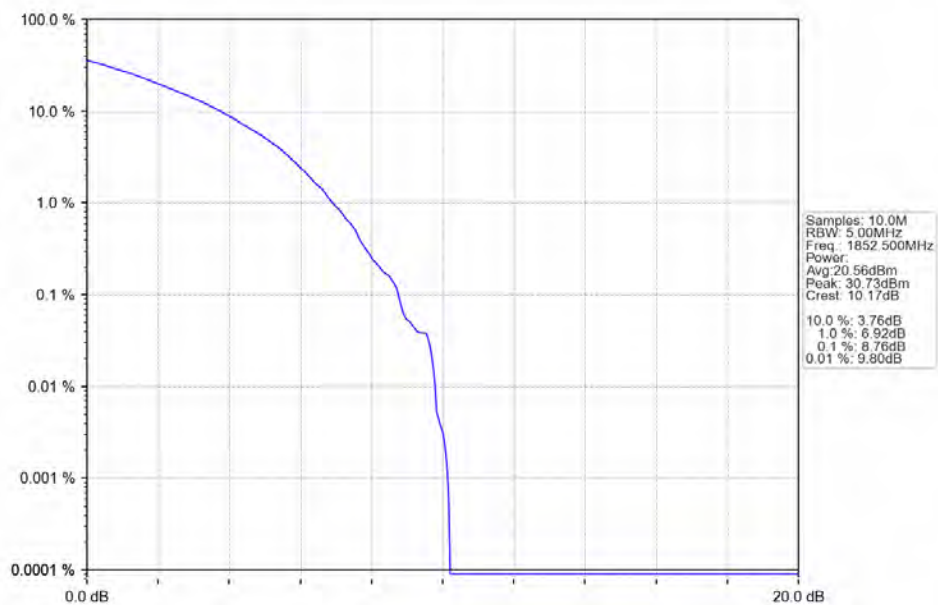
n25 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 1882.5MHz Outer Full Ant1



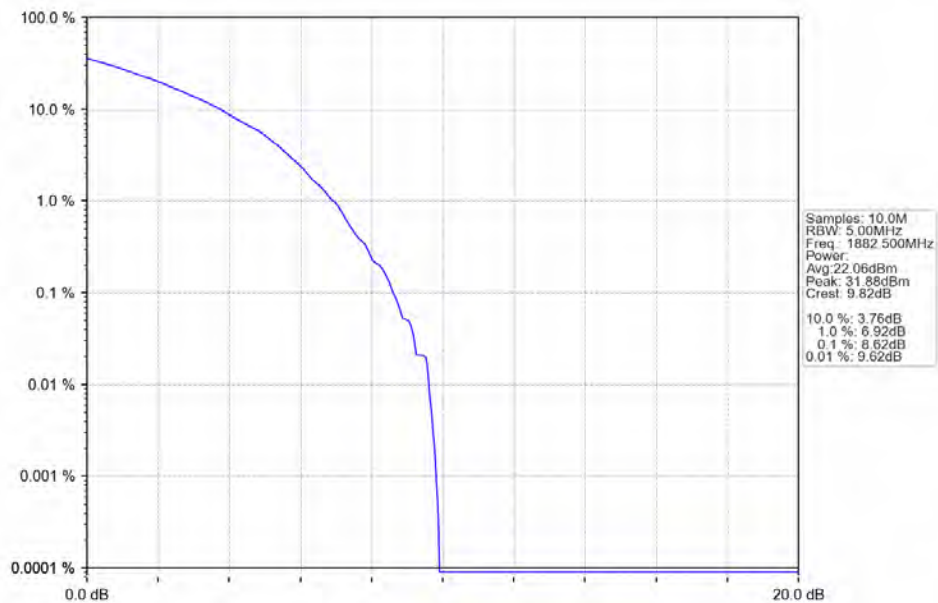
n25 15kHz SISO NTV 5MHz CP-OFDM 16 QAM 1912.5MHz Outer Full Ant1



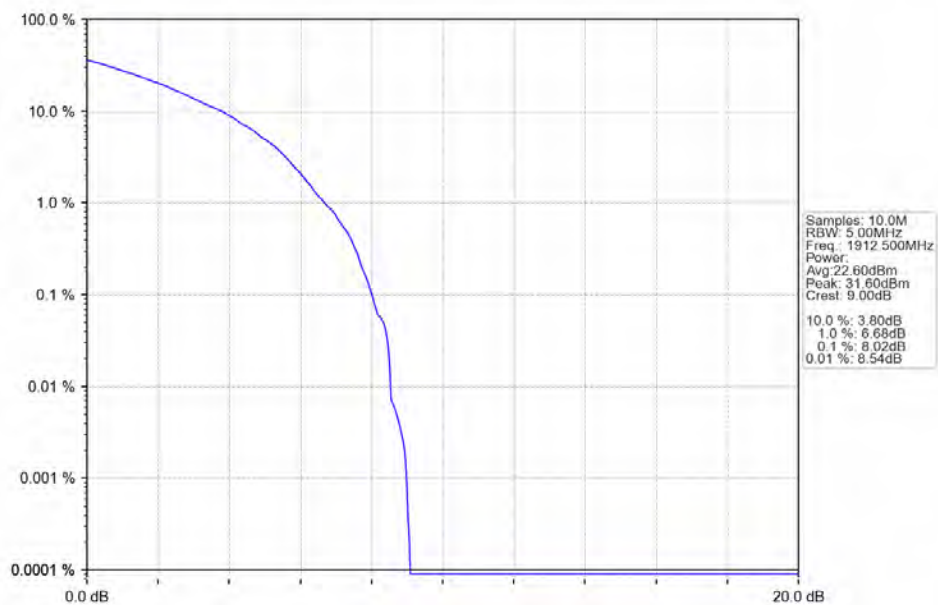
n25 15kHz SISO NTV 5MHz CP-OFDM 64 QAM 1852.5MHz Outer Full Ant1



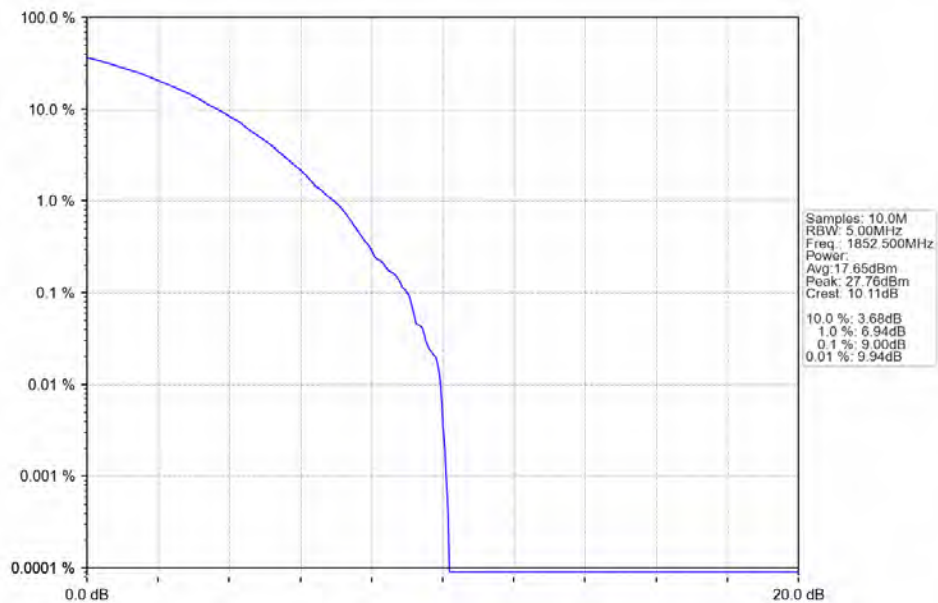
n25 15kHz SISO NTV 5MHz CP-OFDM 64 QAM 1882.5MHz Outer Full Ant1



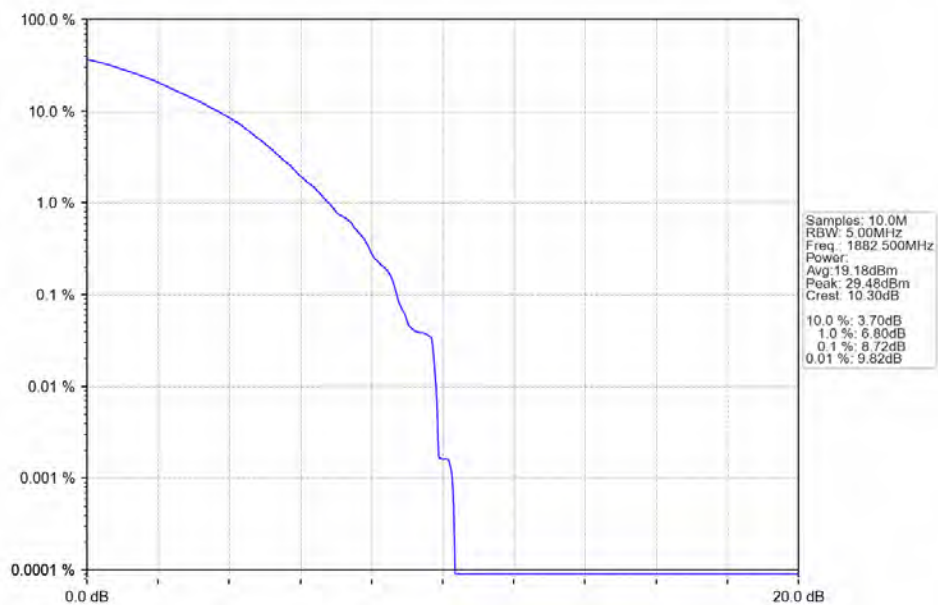
n25 15kHz SISO NTV 5MHz CP-OFDM 64 QAM 1912.5MHz Outer Full Ant1



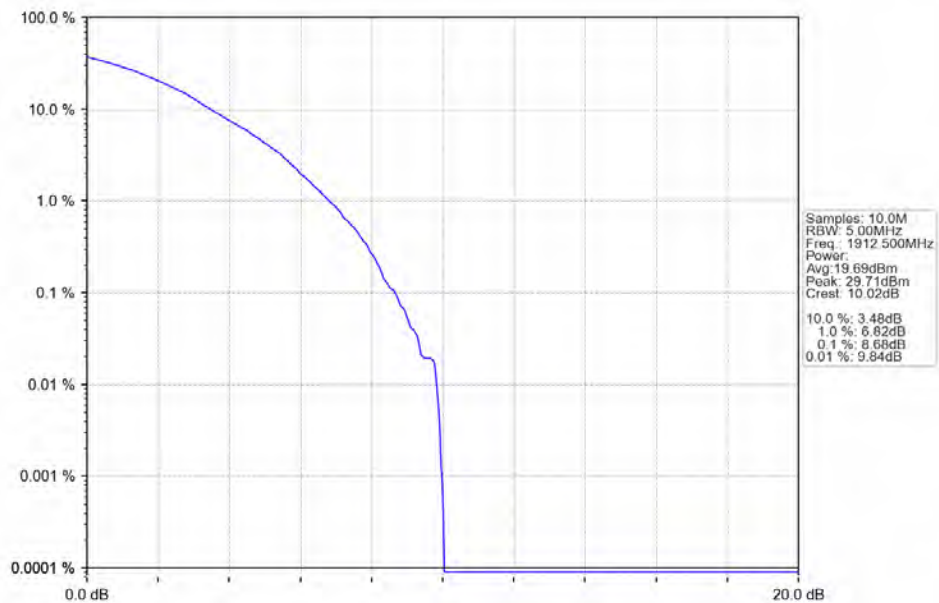
n25 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1852.5MHz Outer Full Ant1



n25 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1882.5MHz Outer Full Ant1

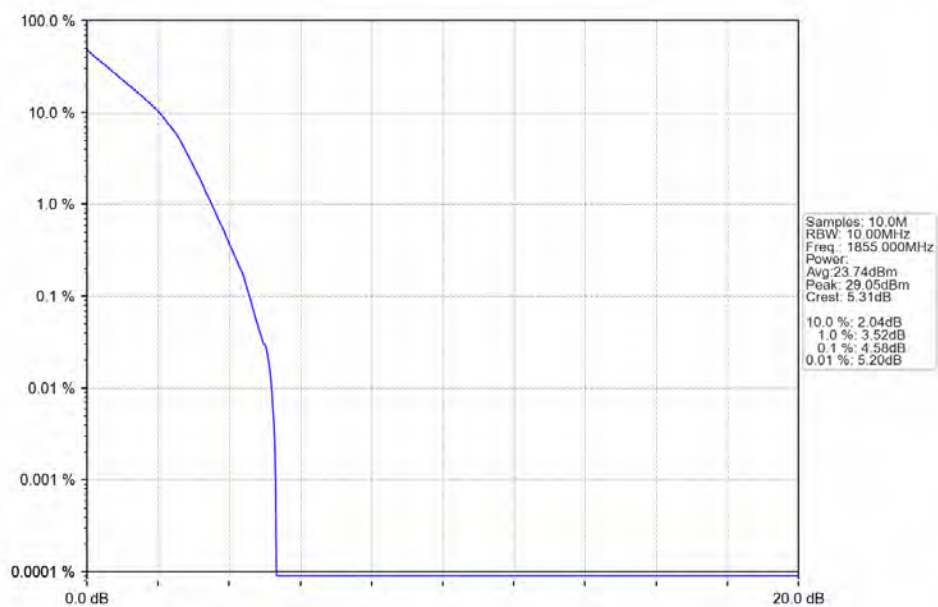


n25 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 1912.5MHz Outer Full Ant1

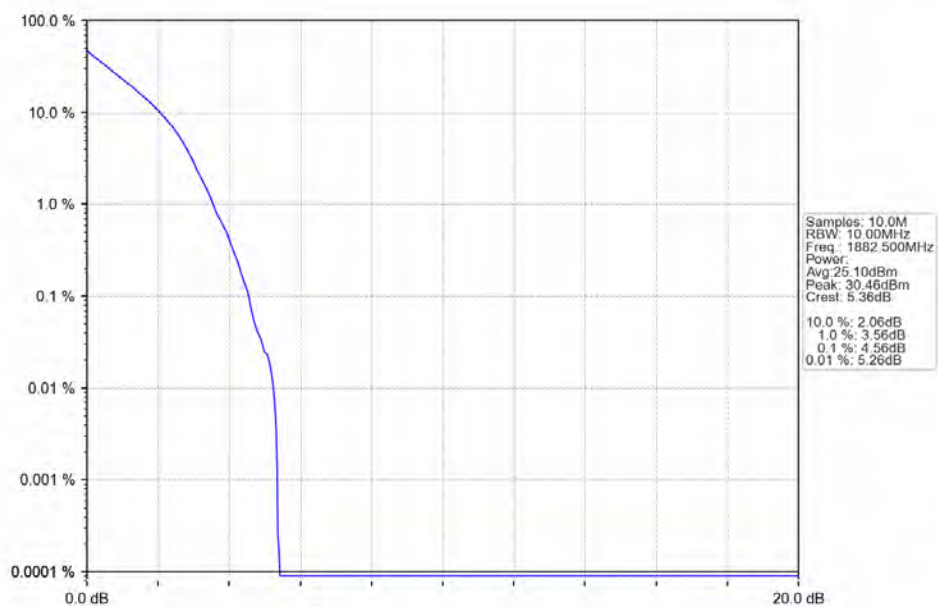


4.2.2 15k_SISO_10MHz_NTNV

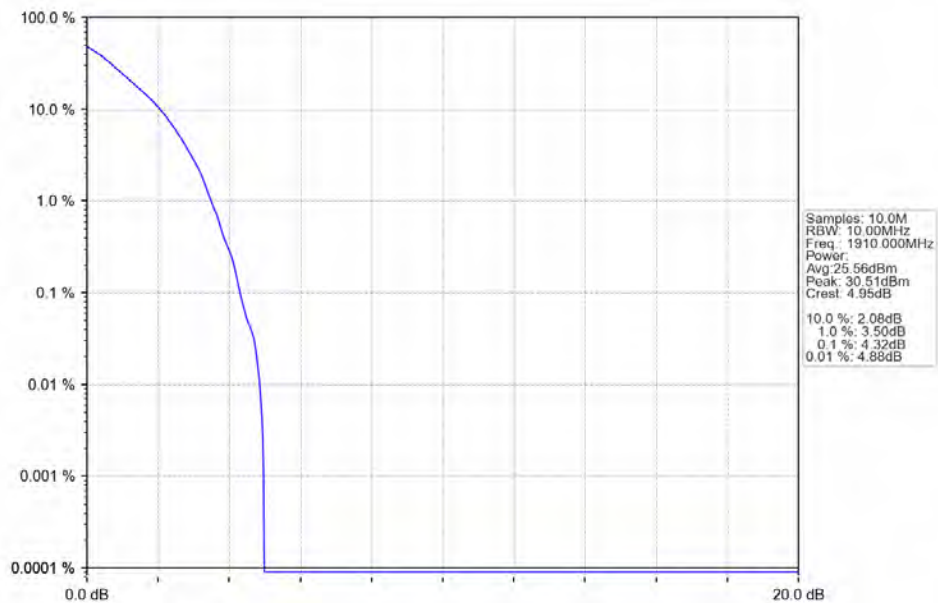
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1855MHz_Outer_Full_Ant1



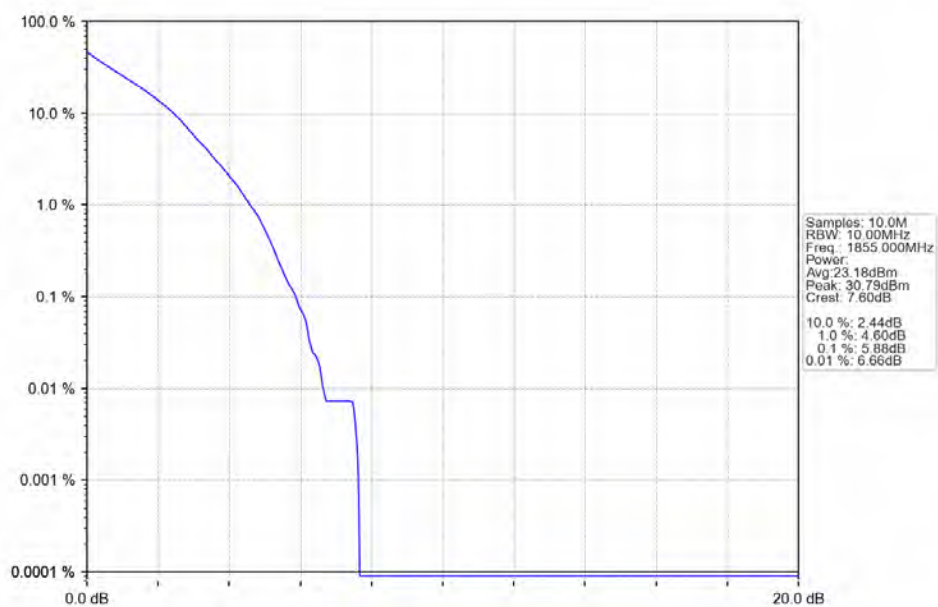
n25_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1882.5MHz_Outer_Full_Ant1



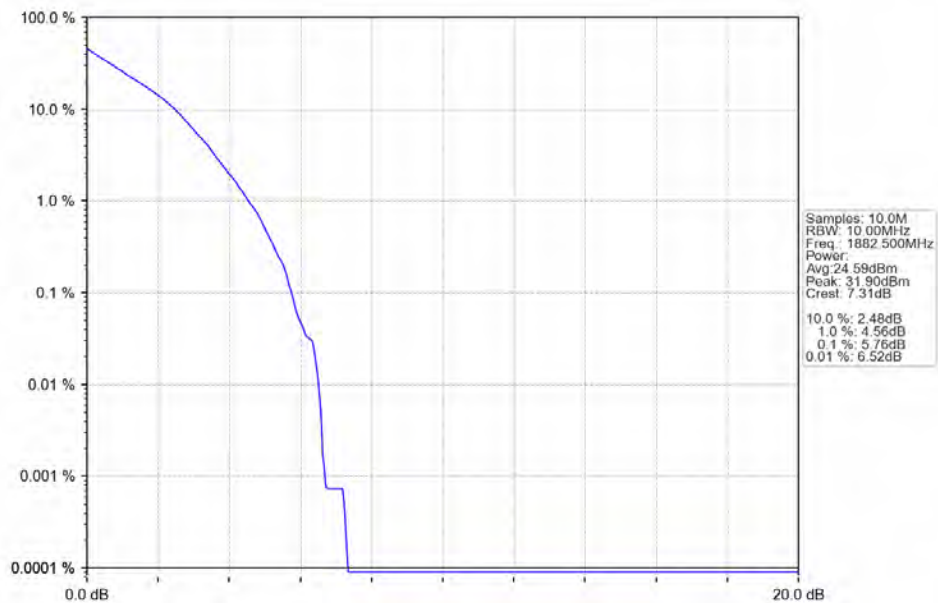
n25 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 1910MHz Outer Full Ant1



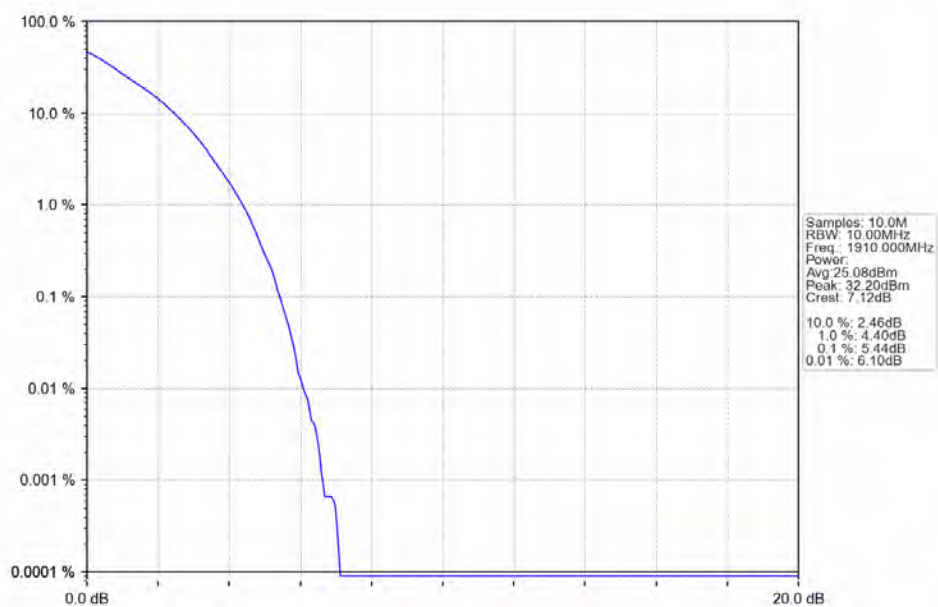
n25 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 1855MHz Outer Full Ant1



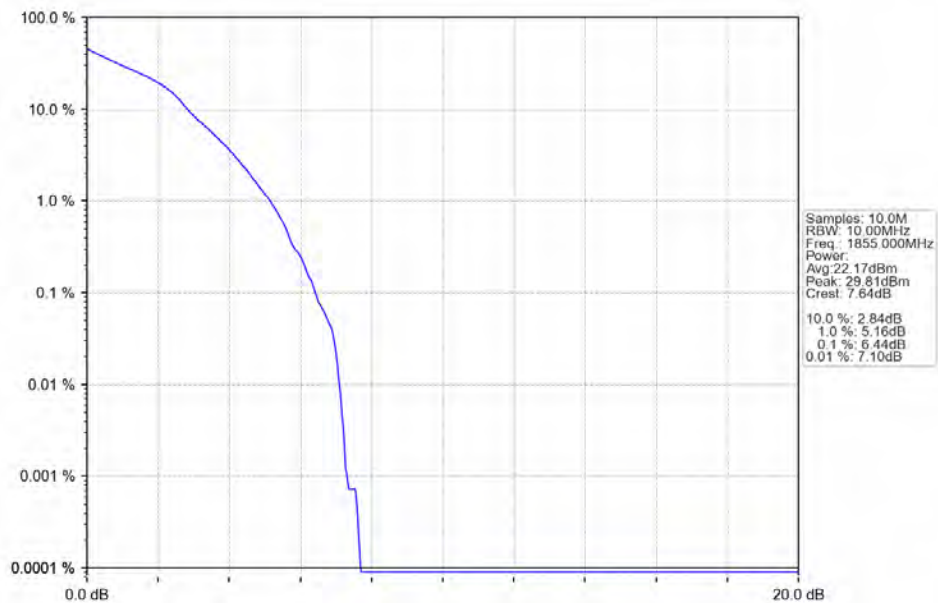
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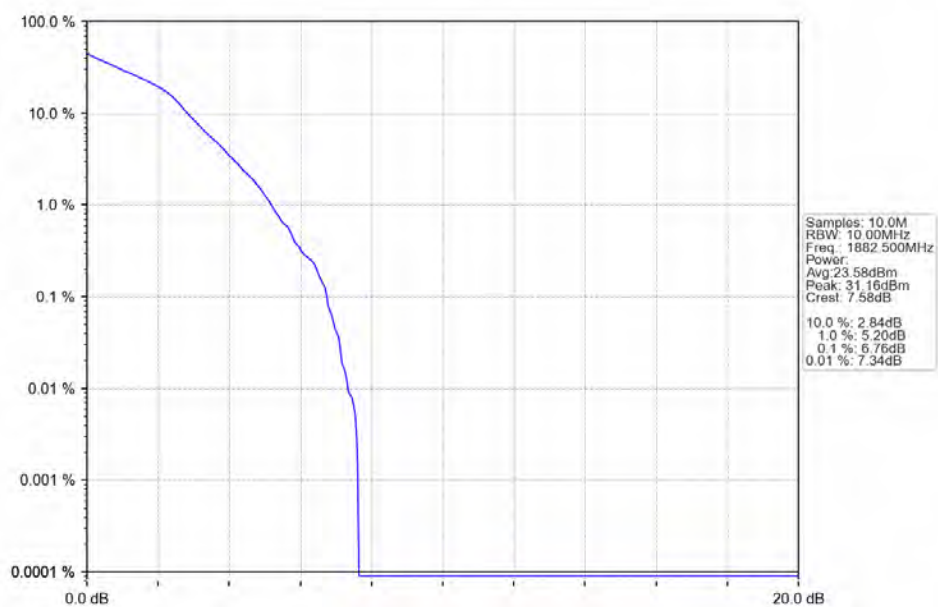
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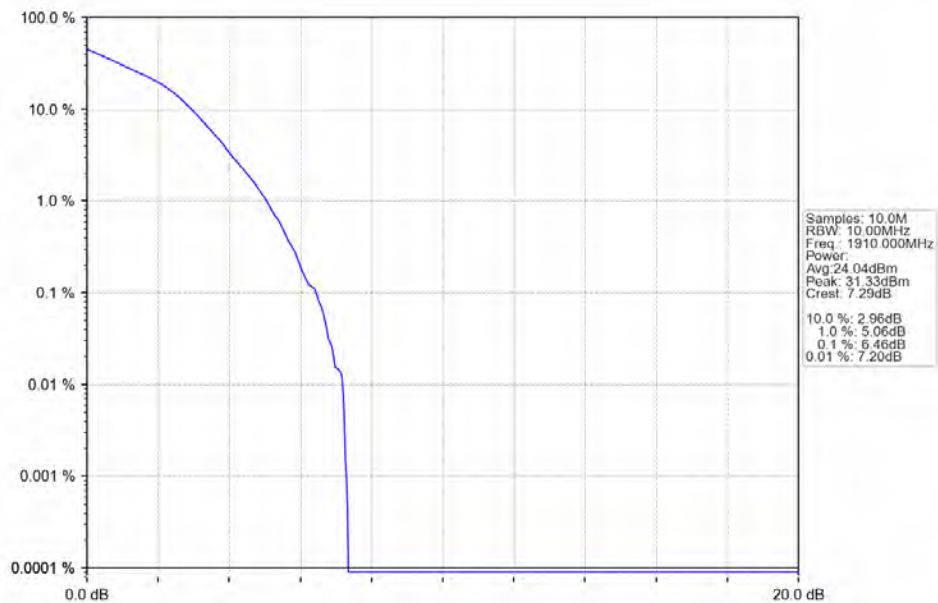
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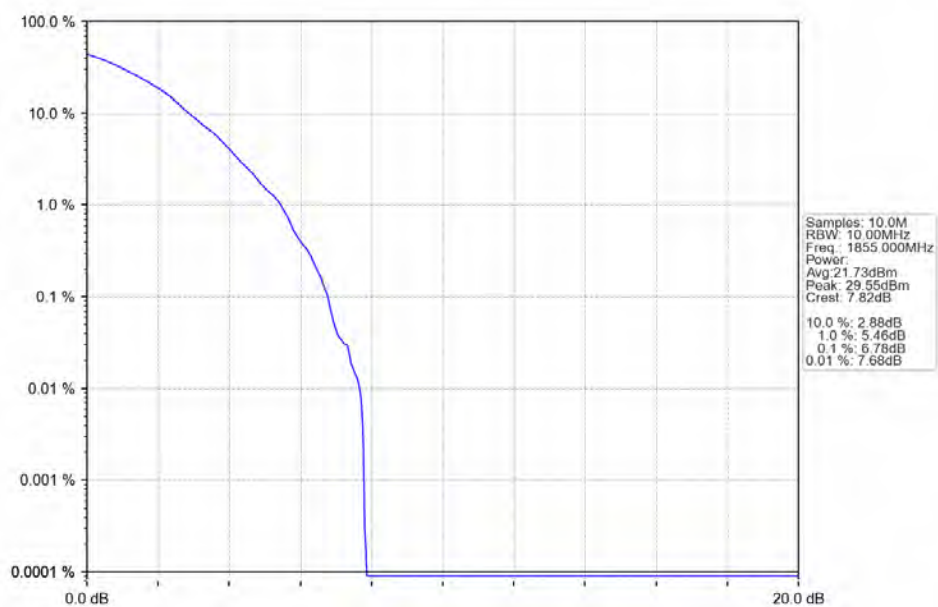
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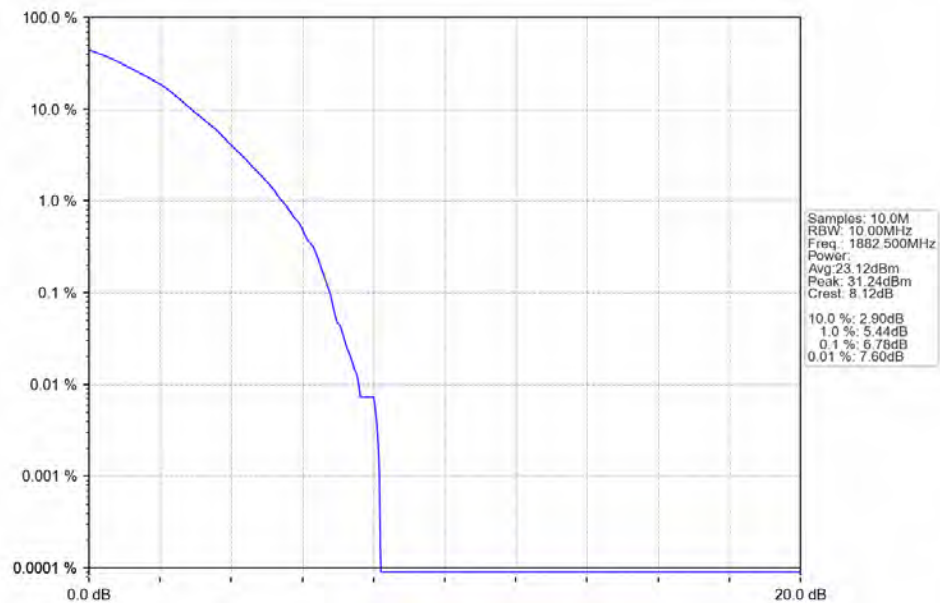
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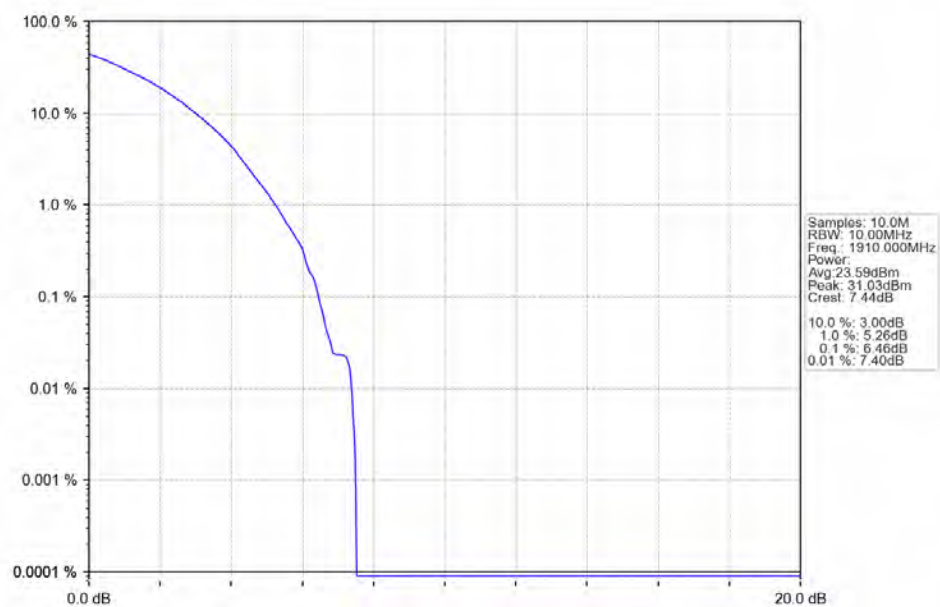
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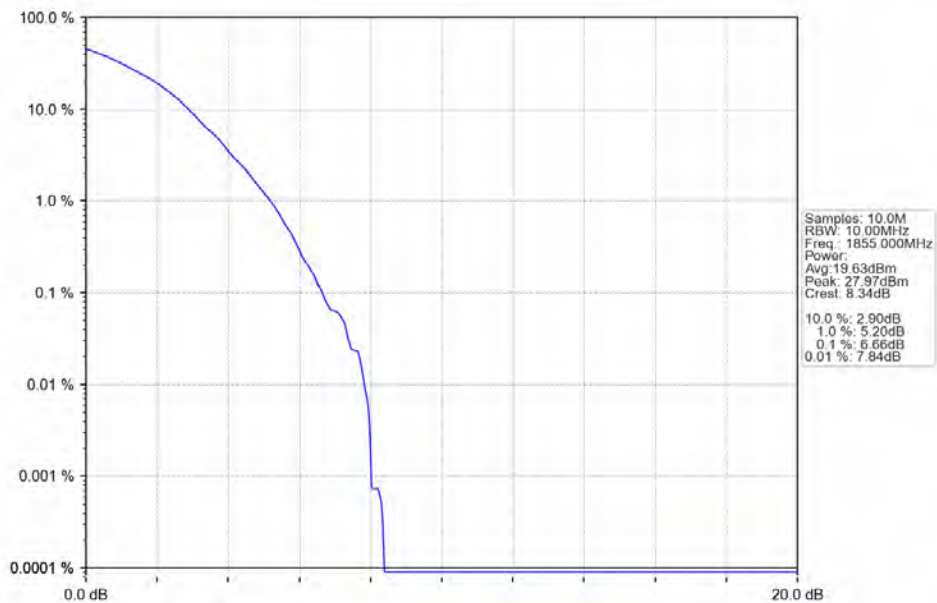
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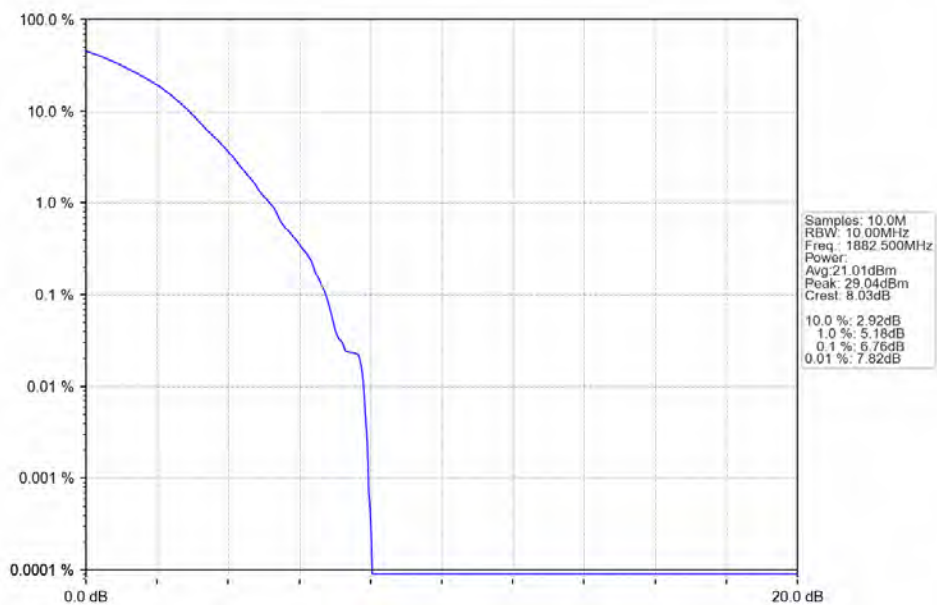
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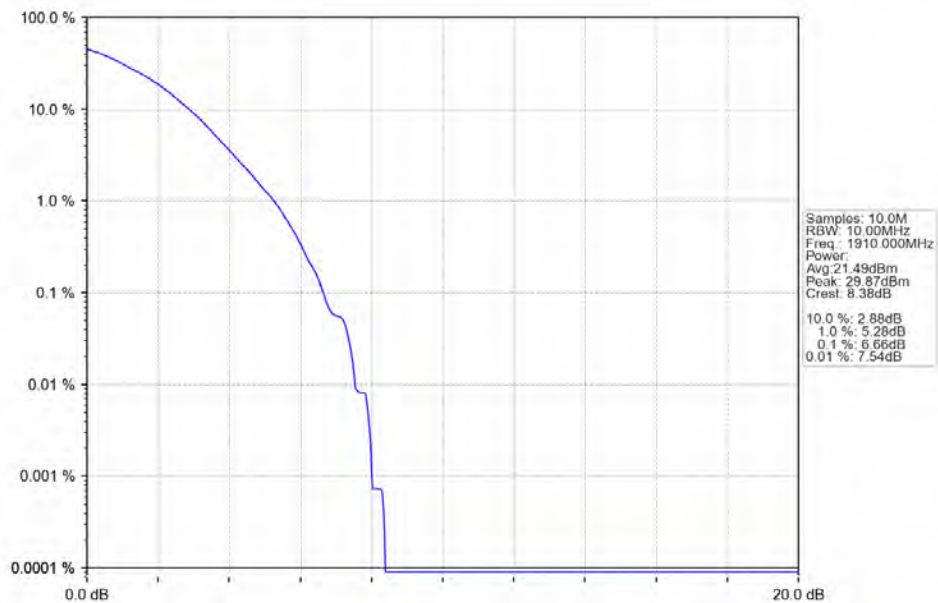
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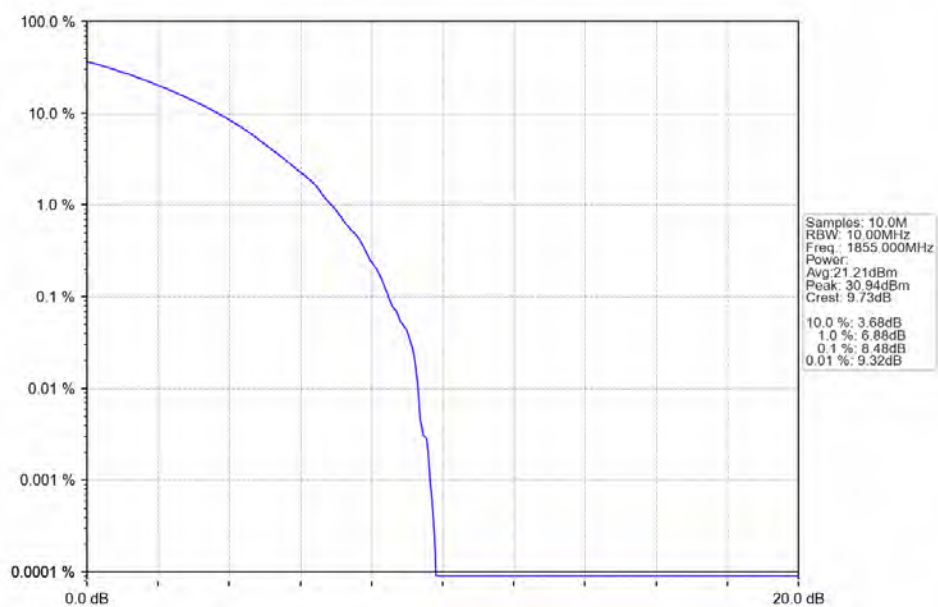
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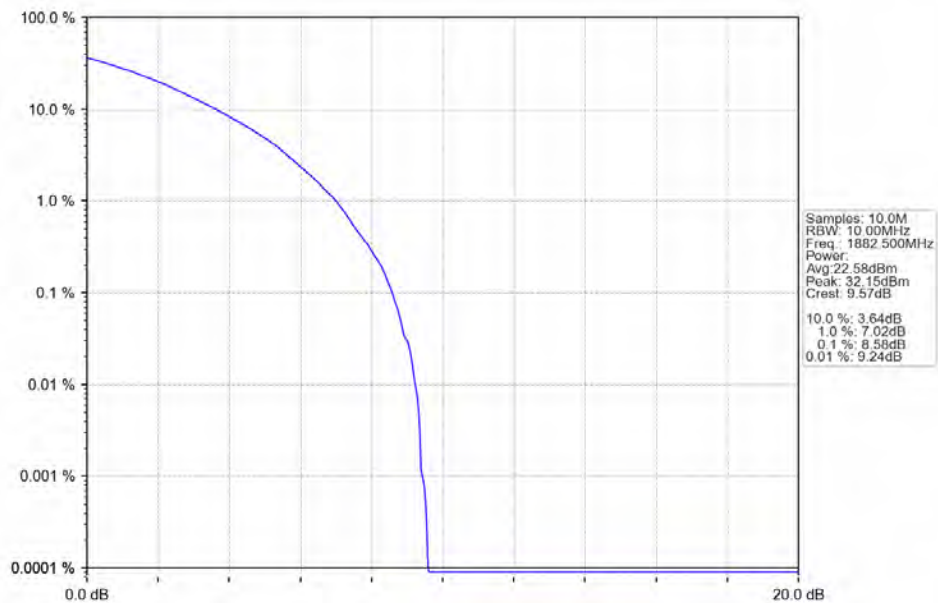
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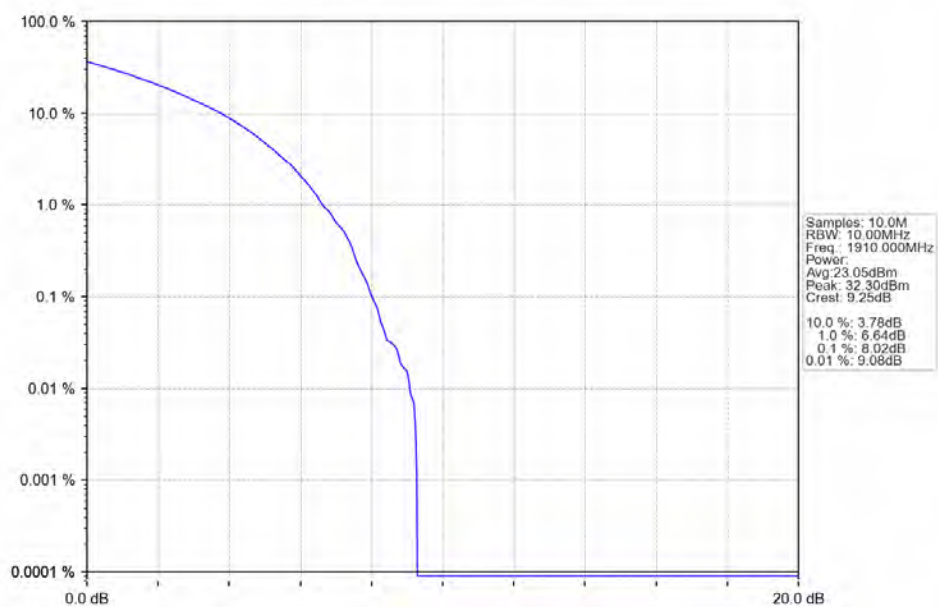
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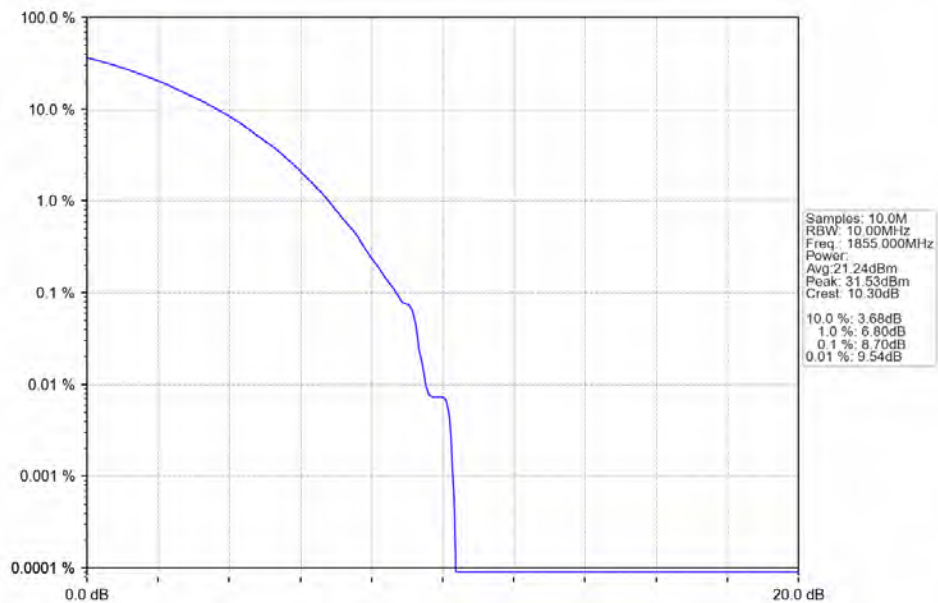
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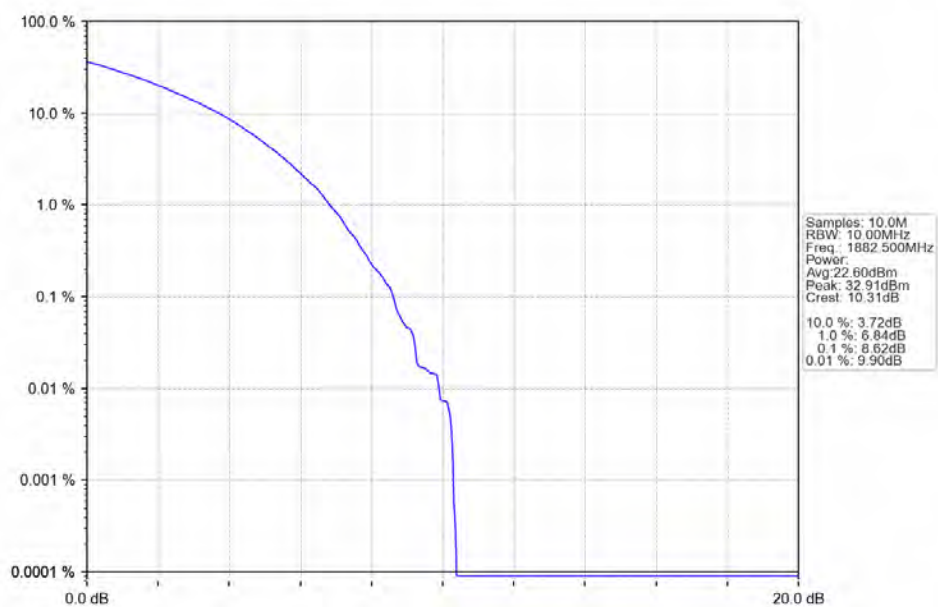
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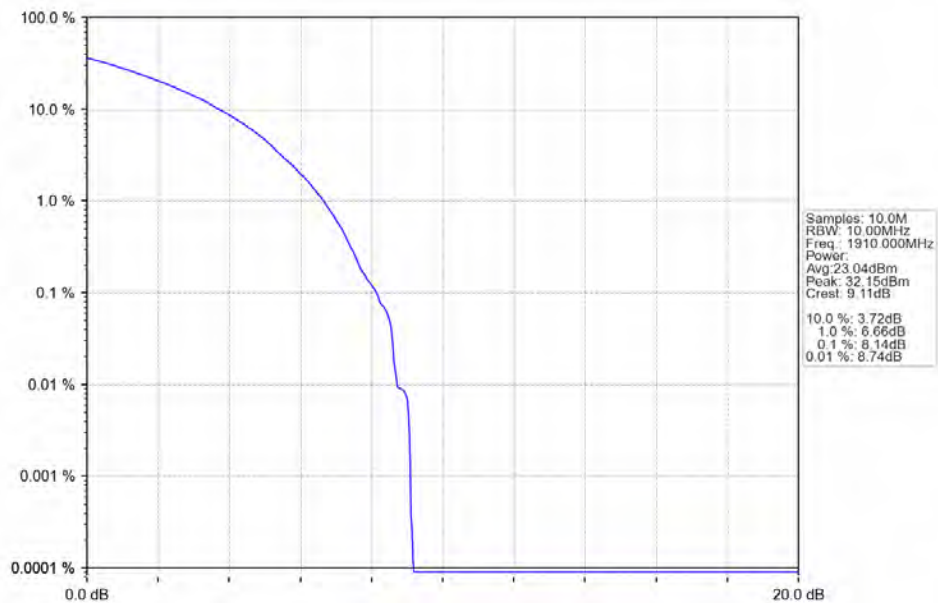
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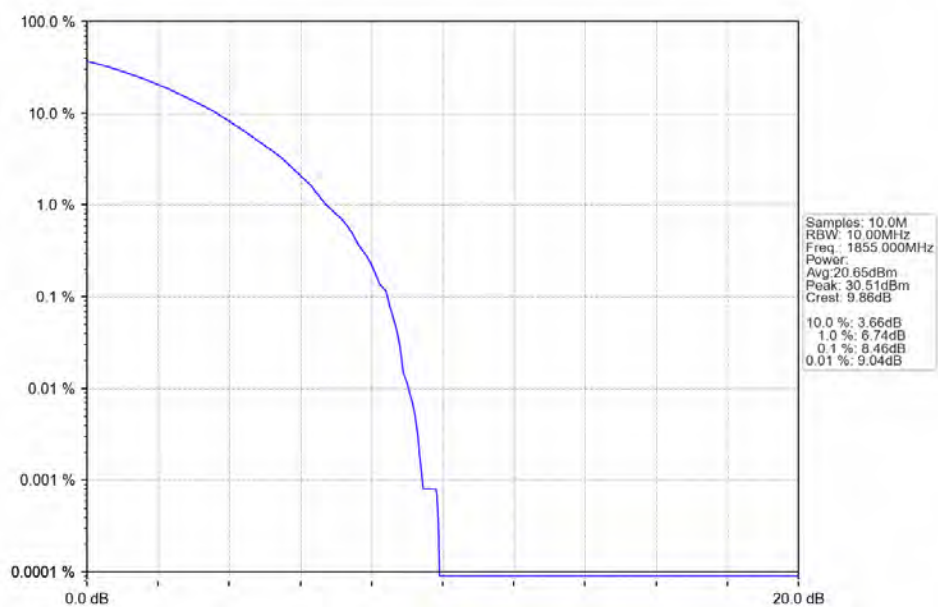
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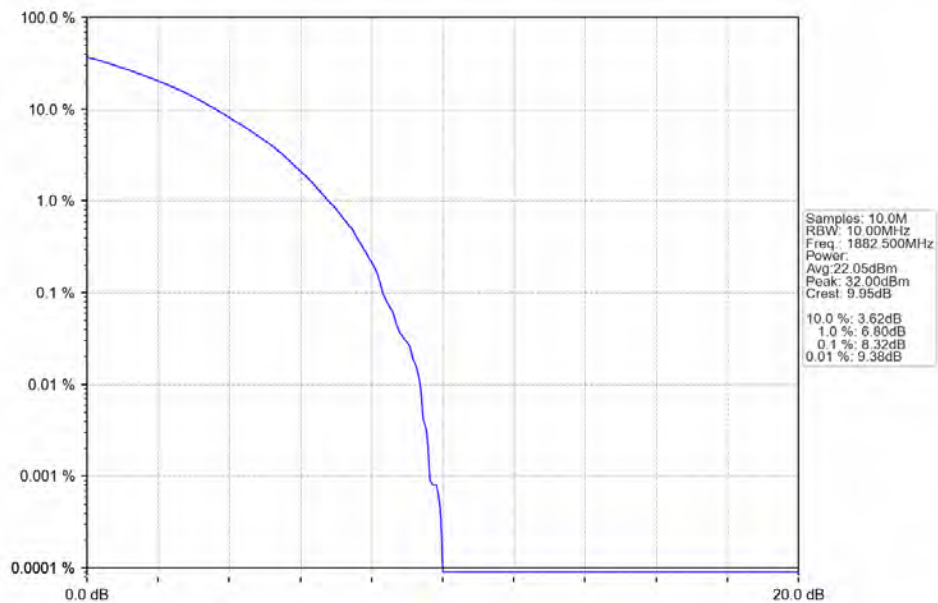
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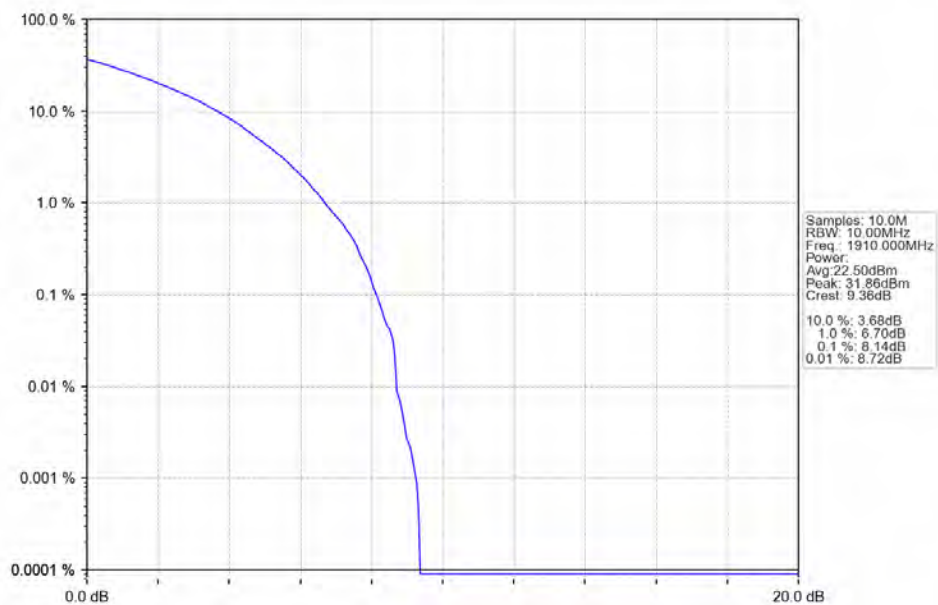
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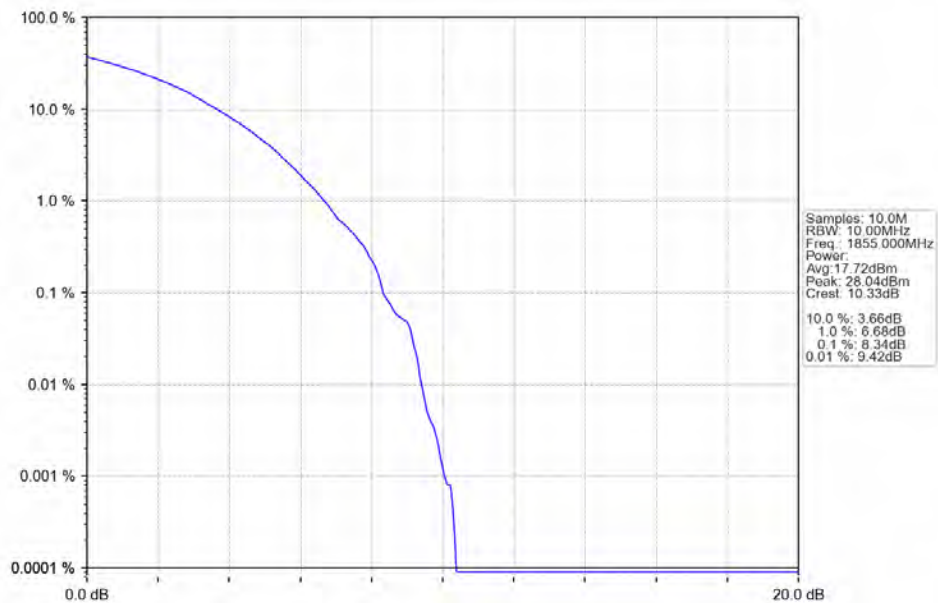
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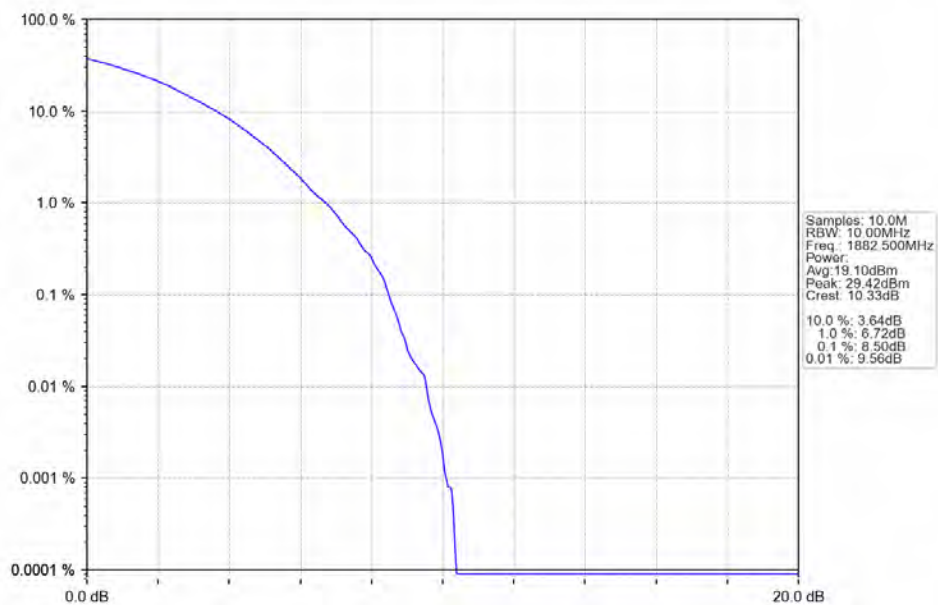
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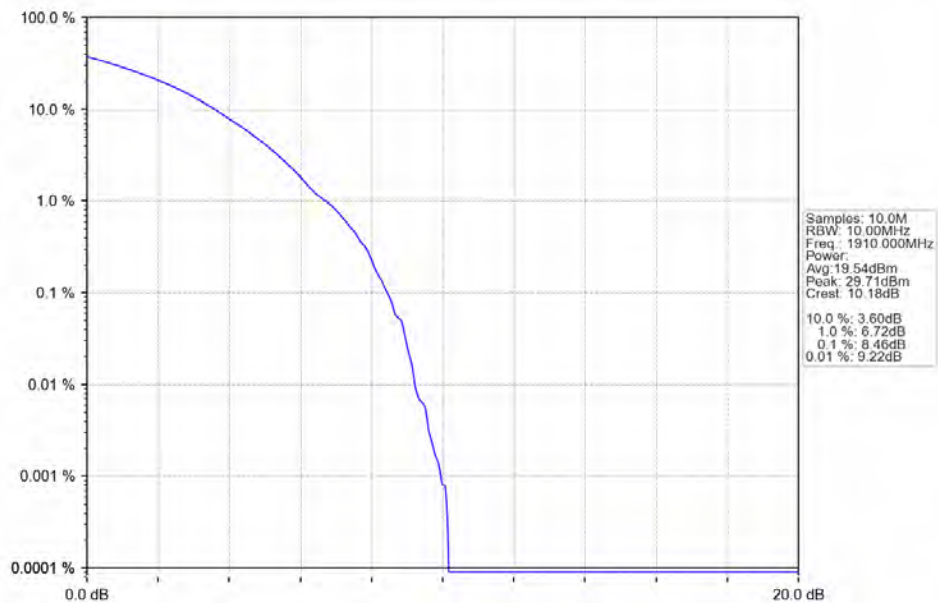
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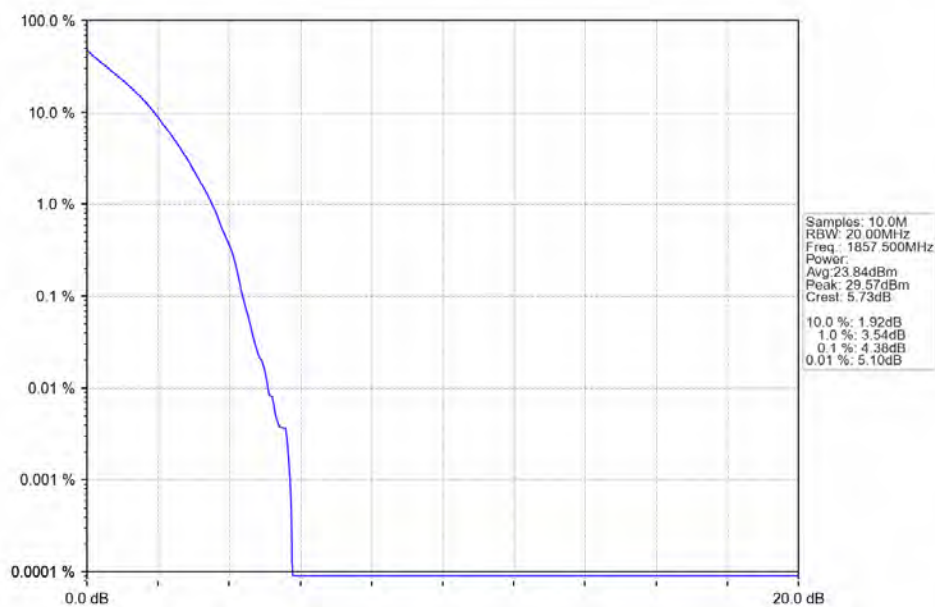


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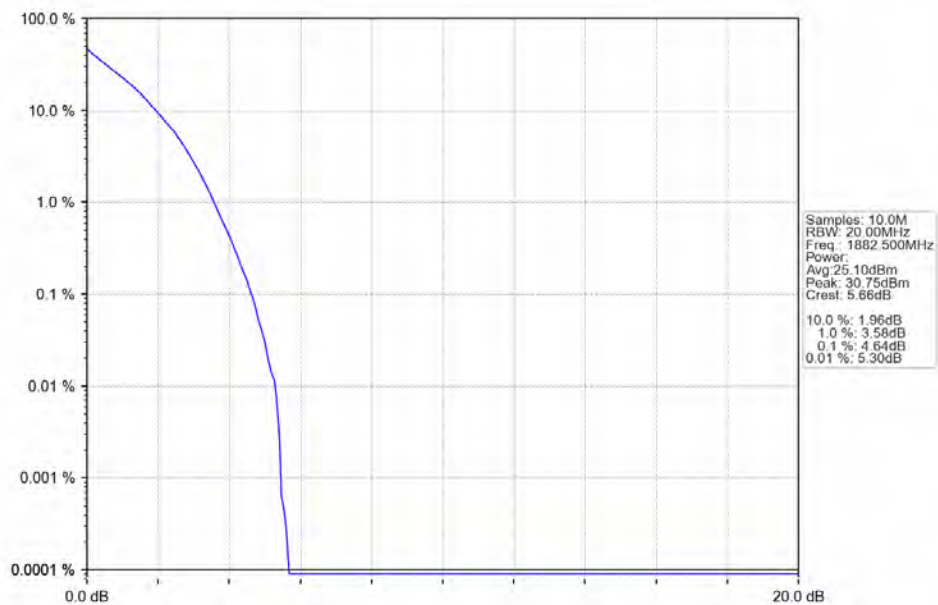


4.2.3 15k_SISO_15MHz_NTNV

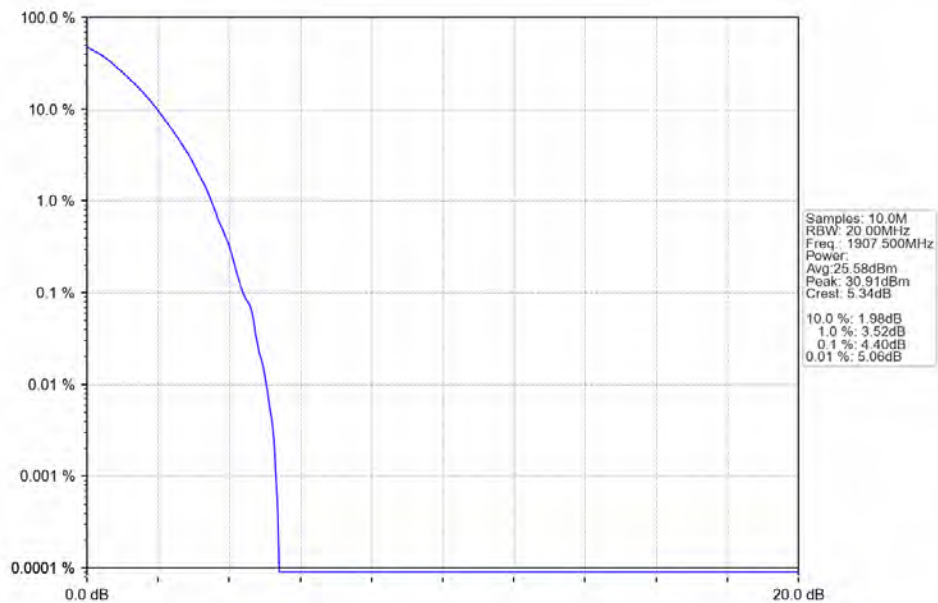
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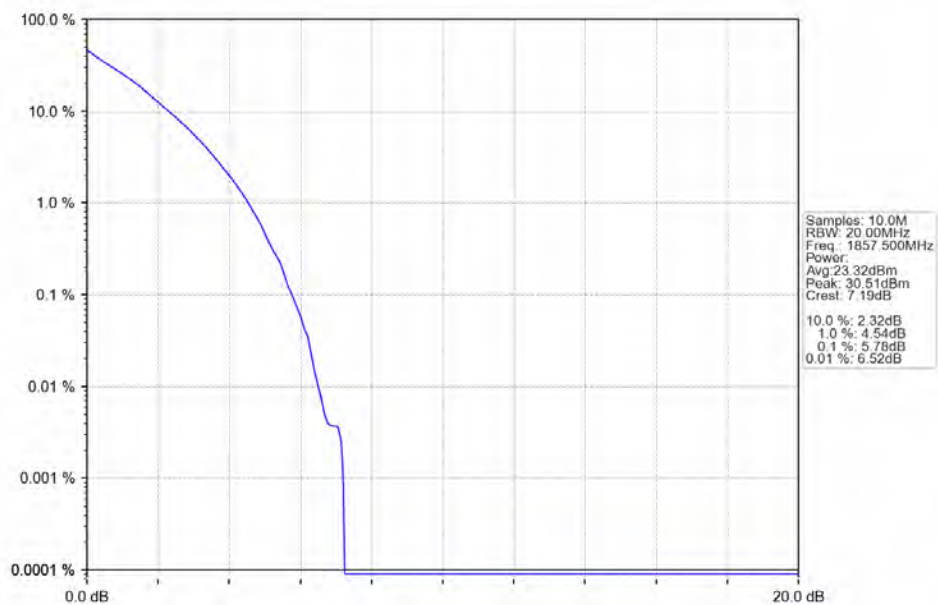
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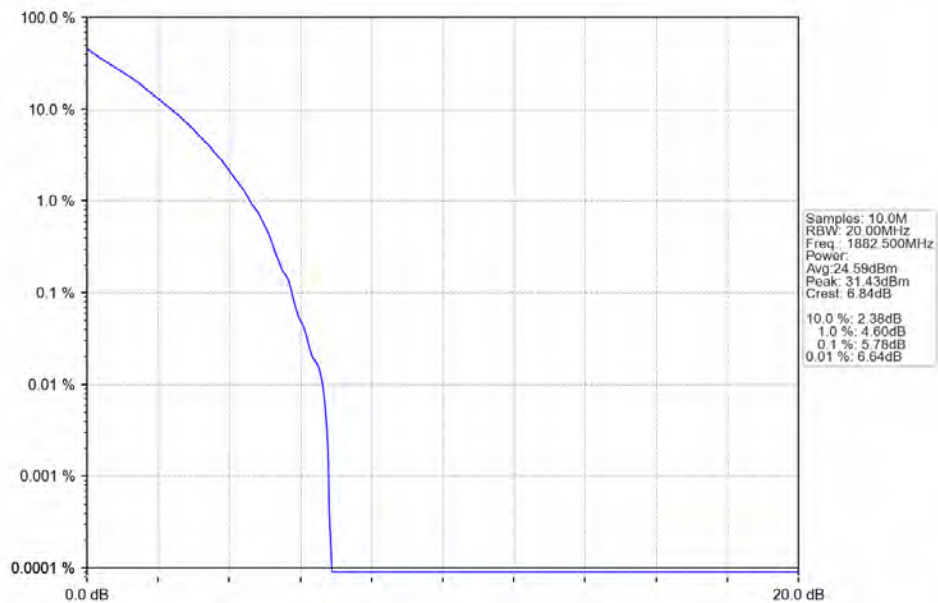
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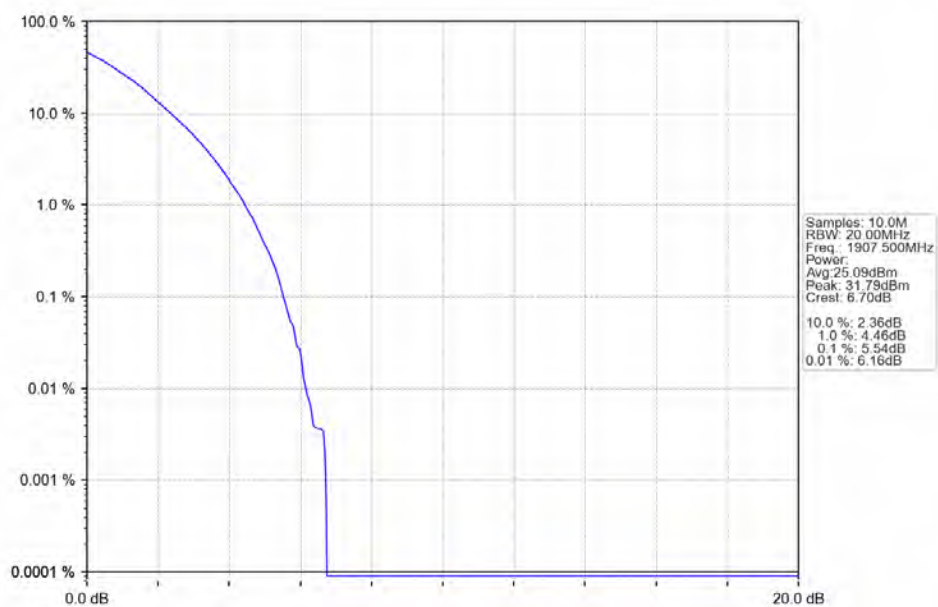
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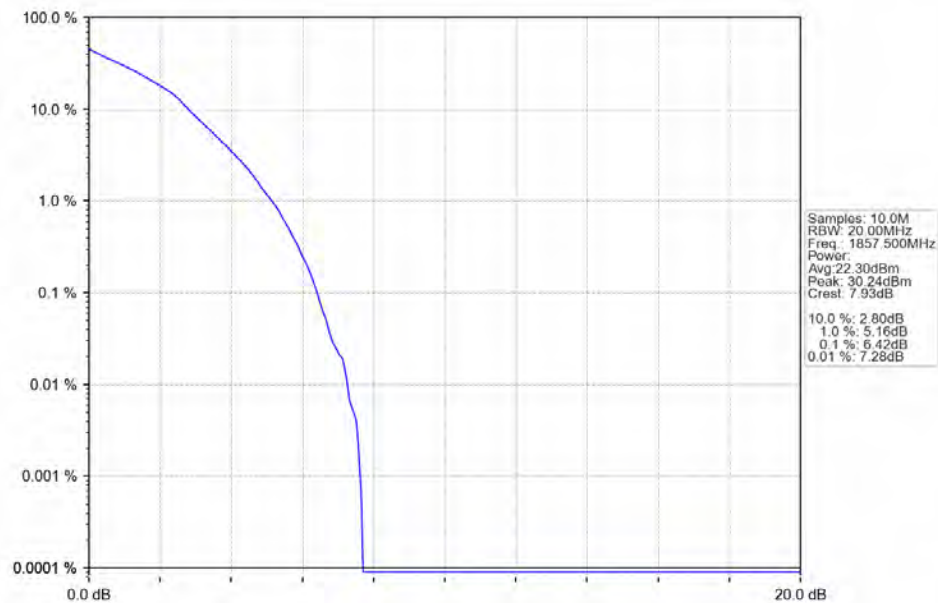
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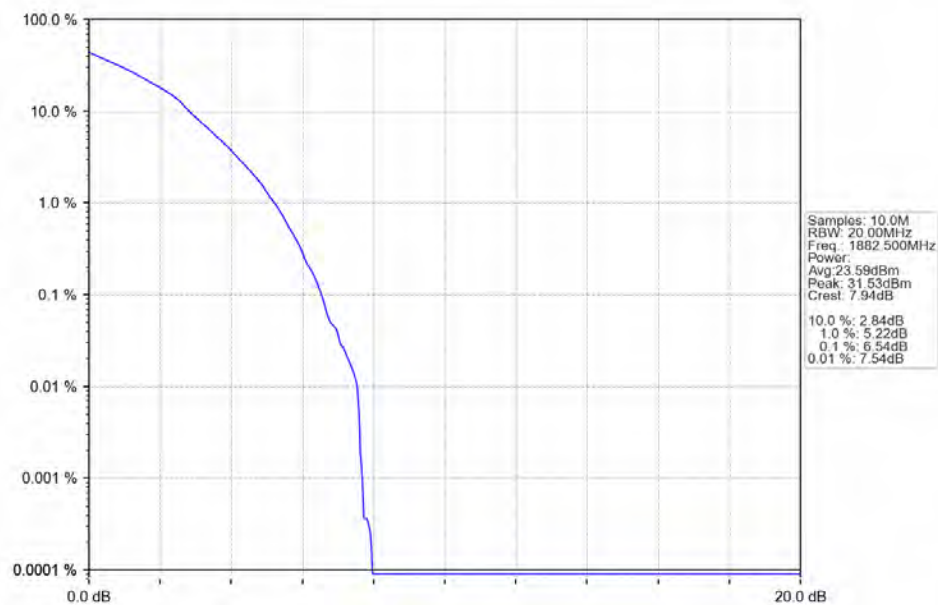
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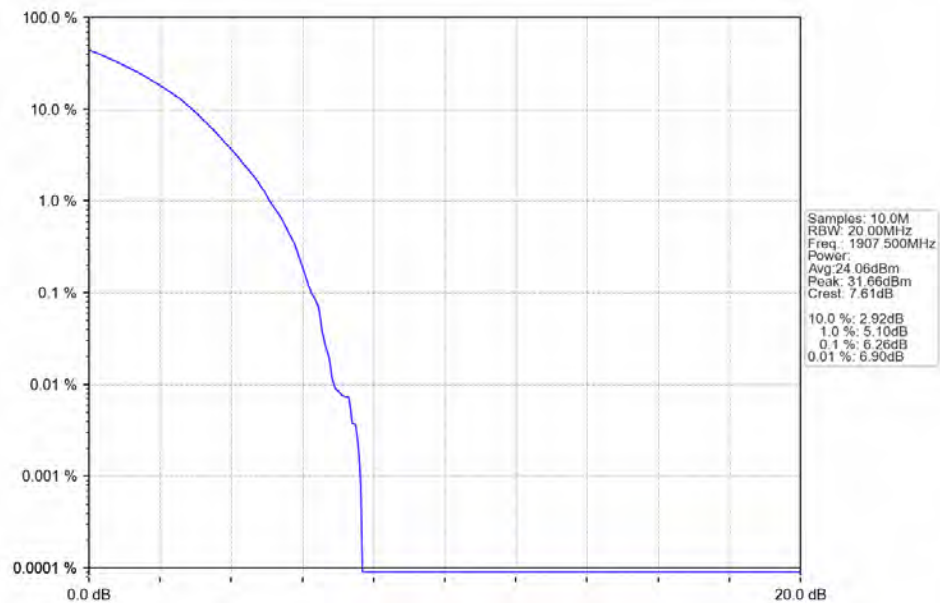
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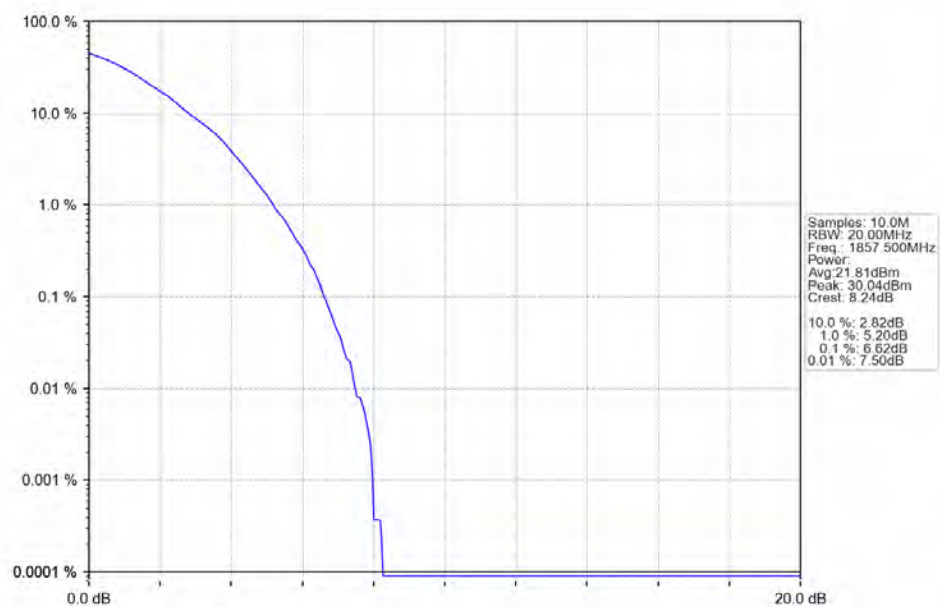
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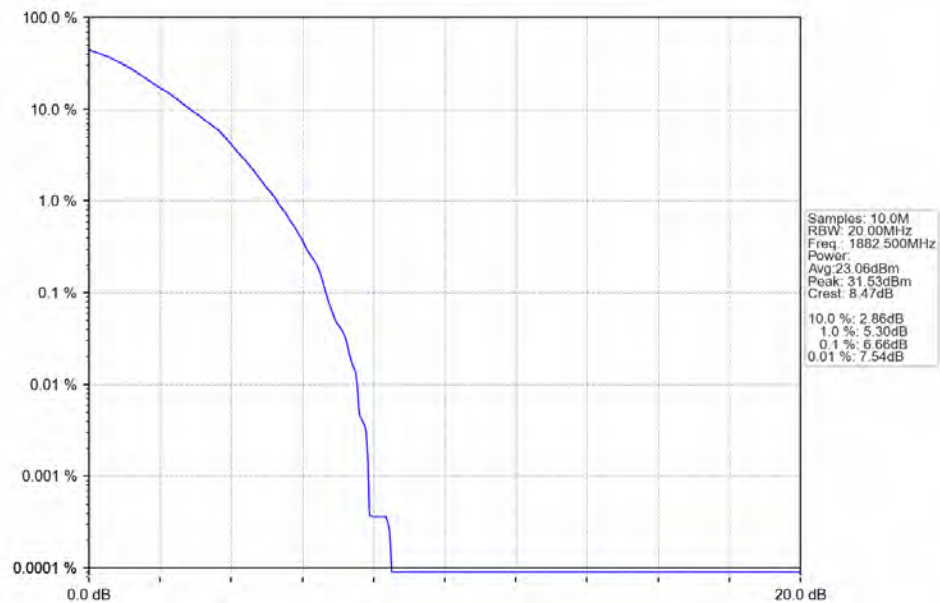
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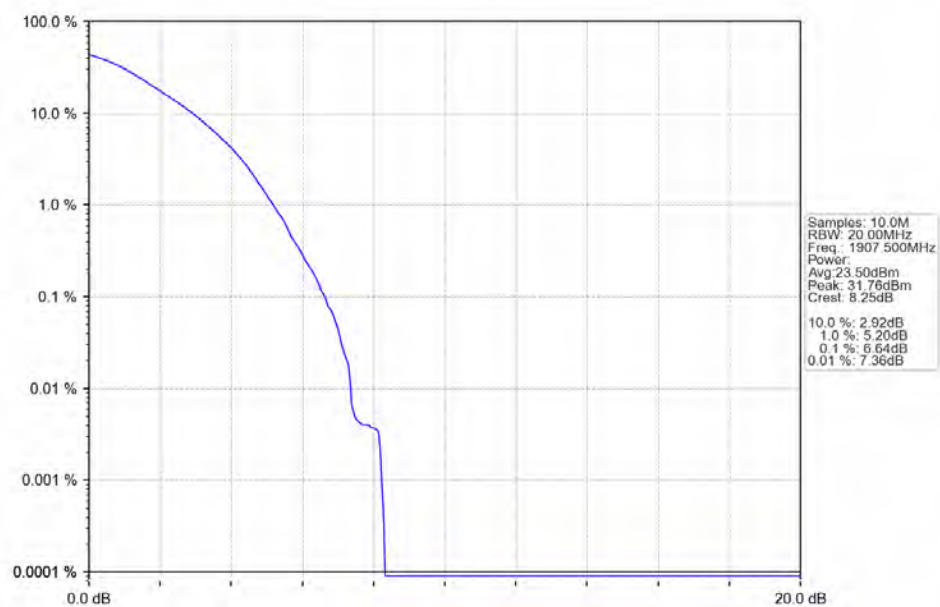
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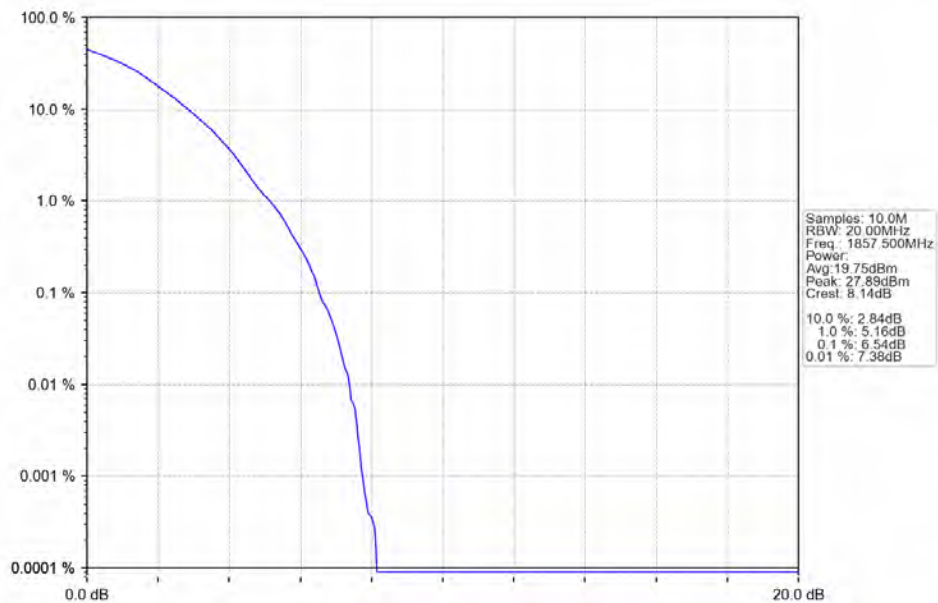
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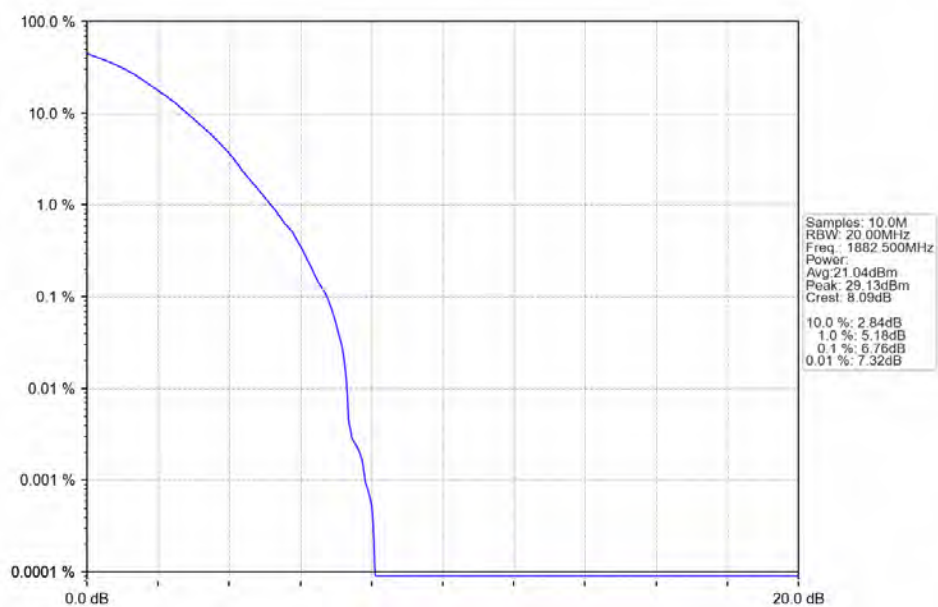
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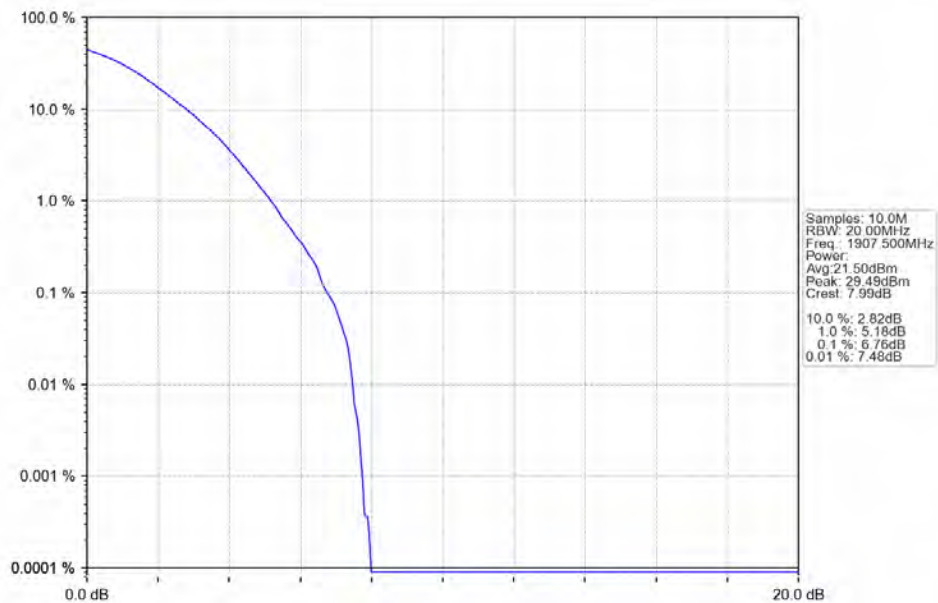
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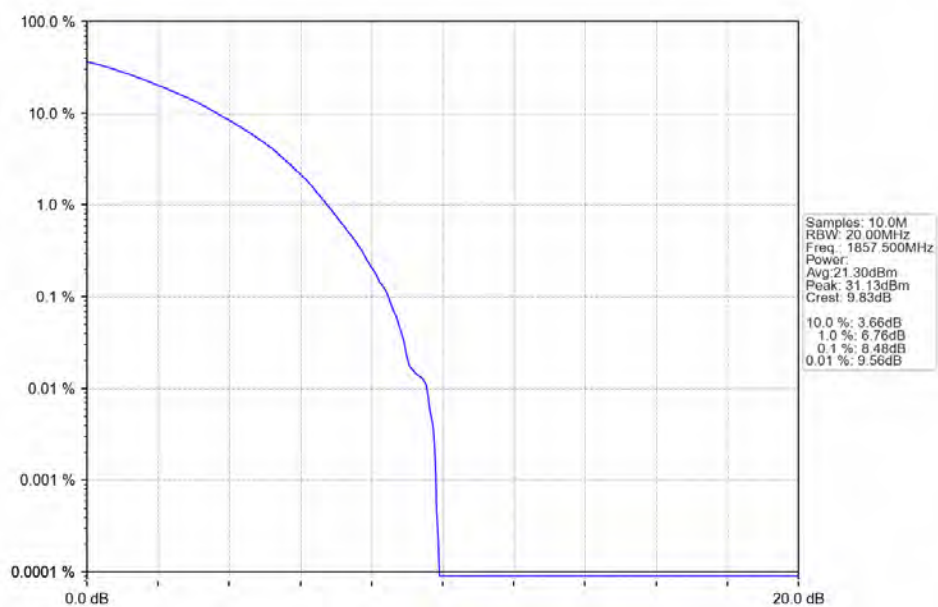
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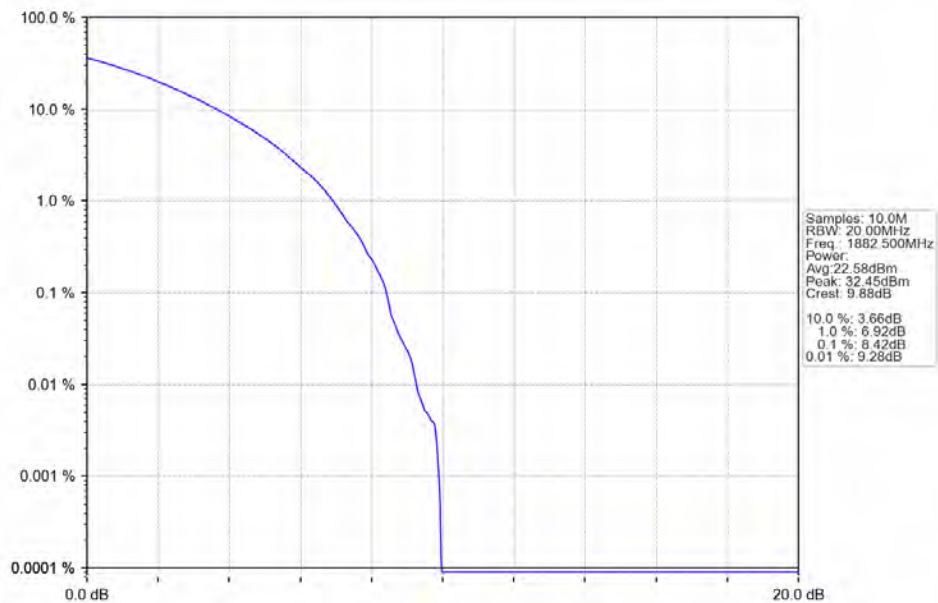
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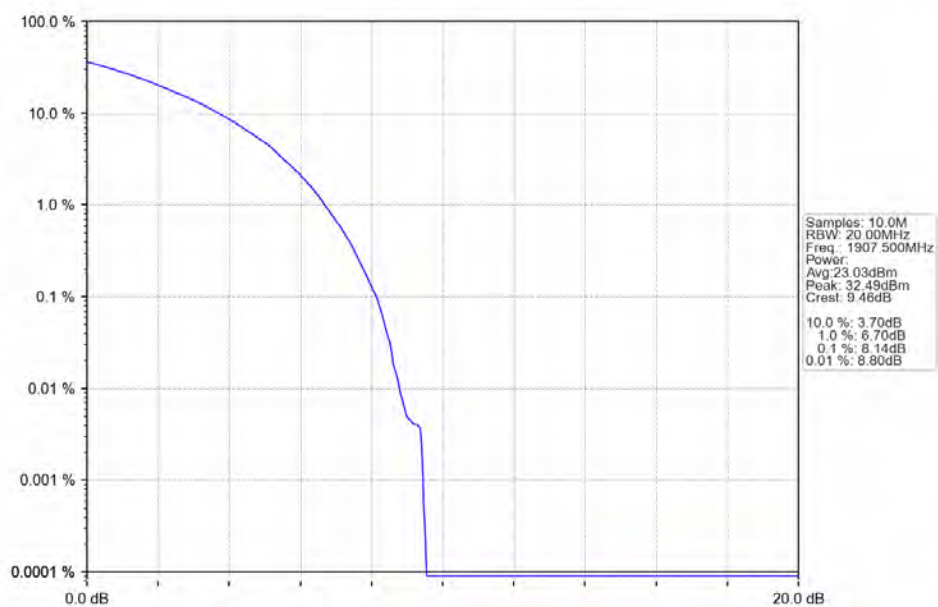
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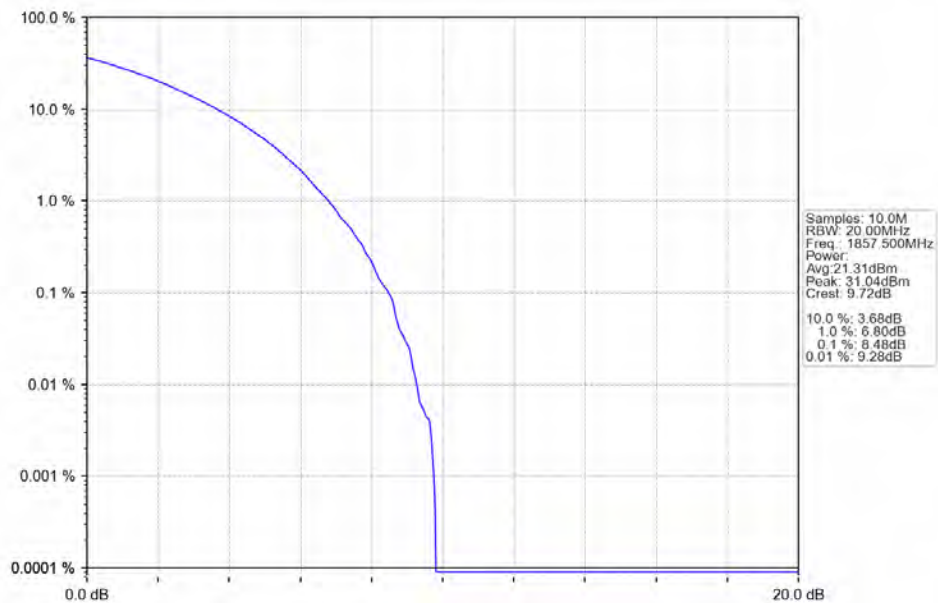
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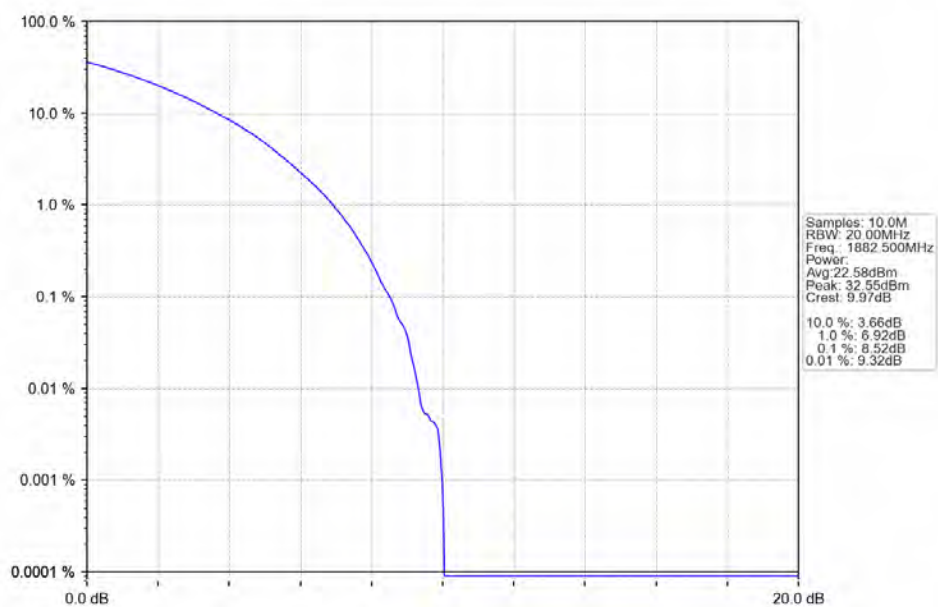
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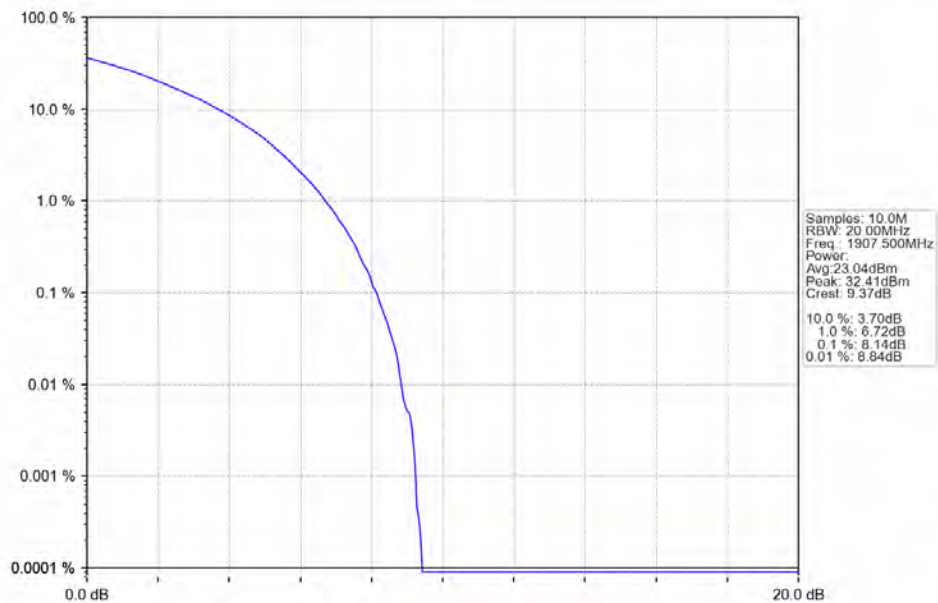
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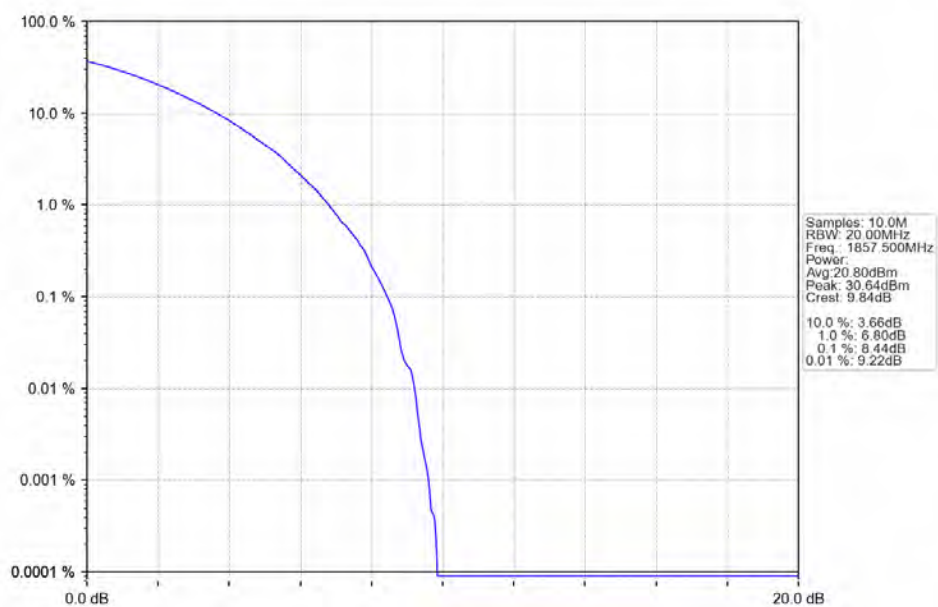
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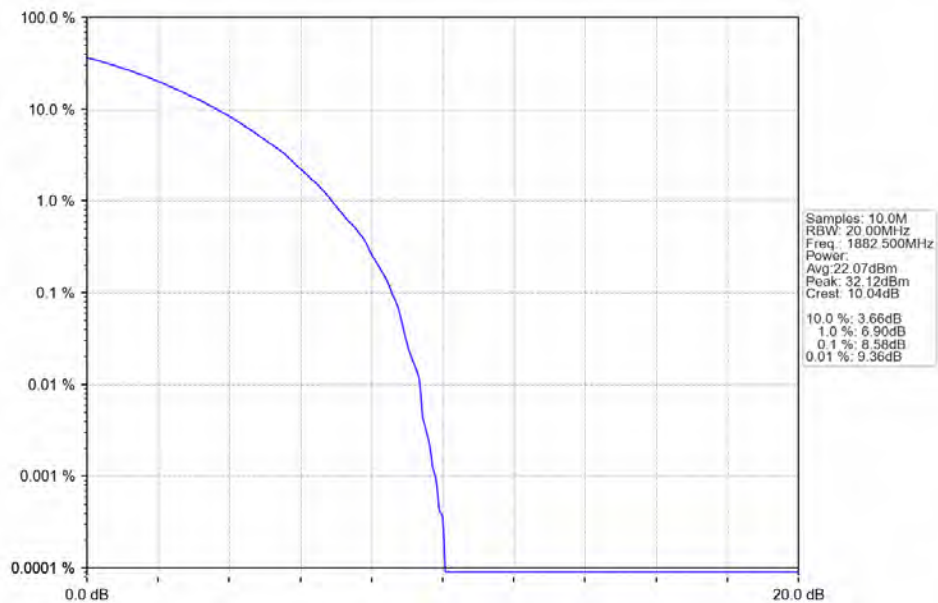
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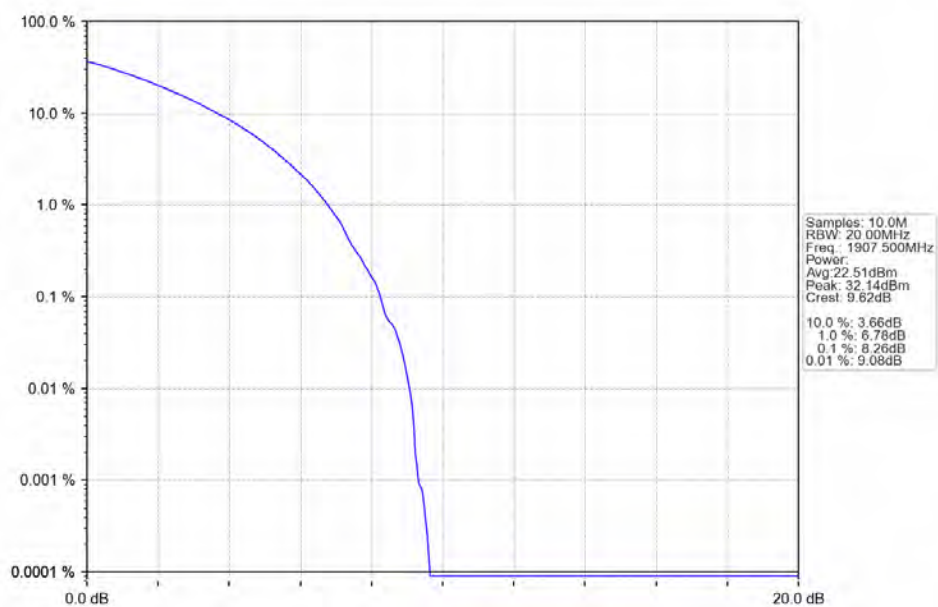
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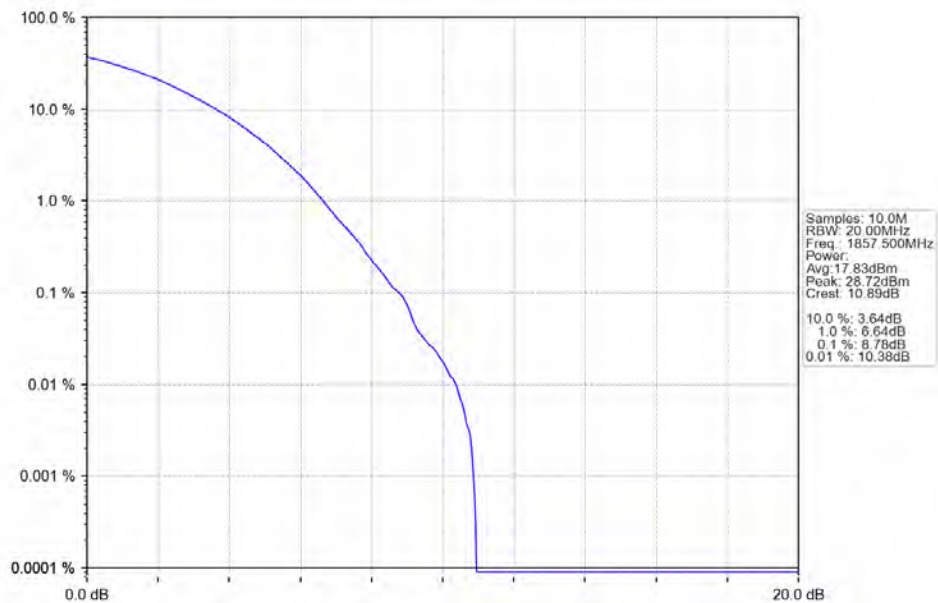
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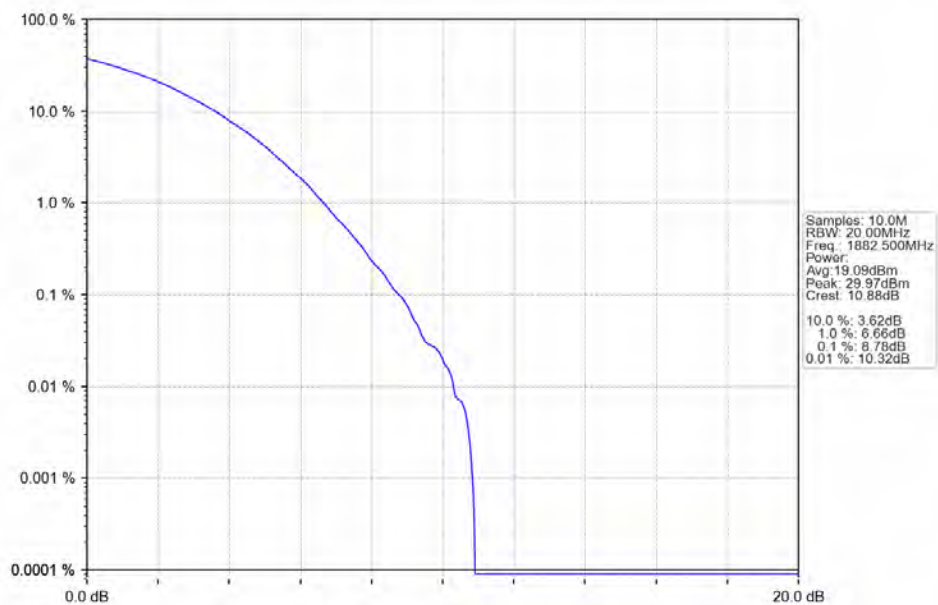
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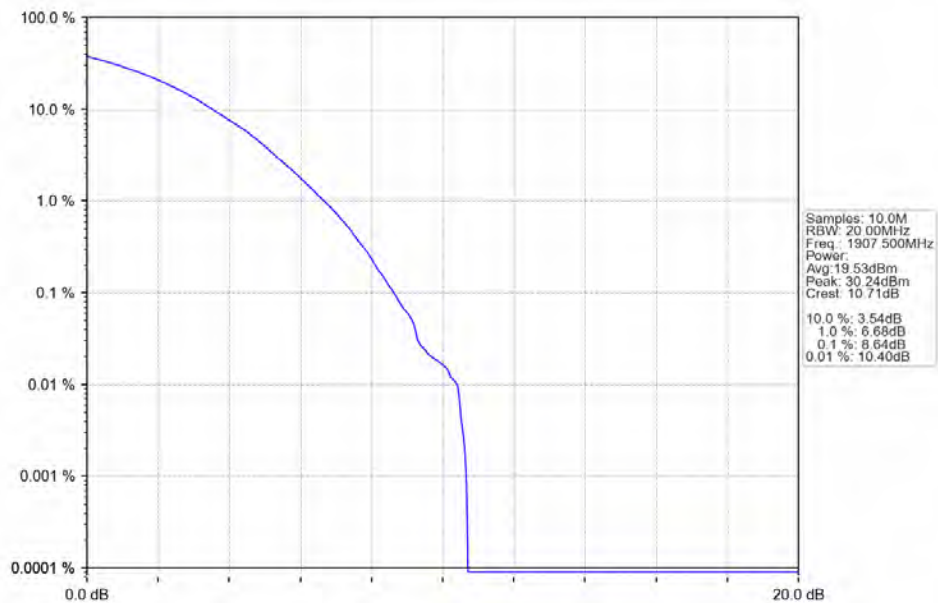
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n25 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 1882.5MHz Outer Full Ant1

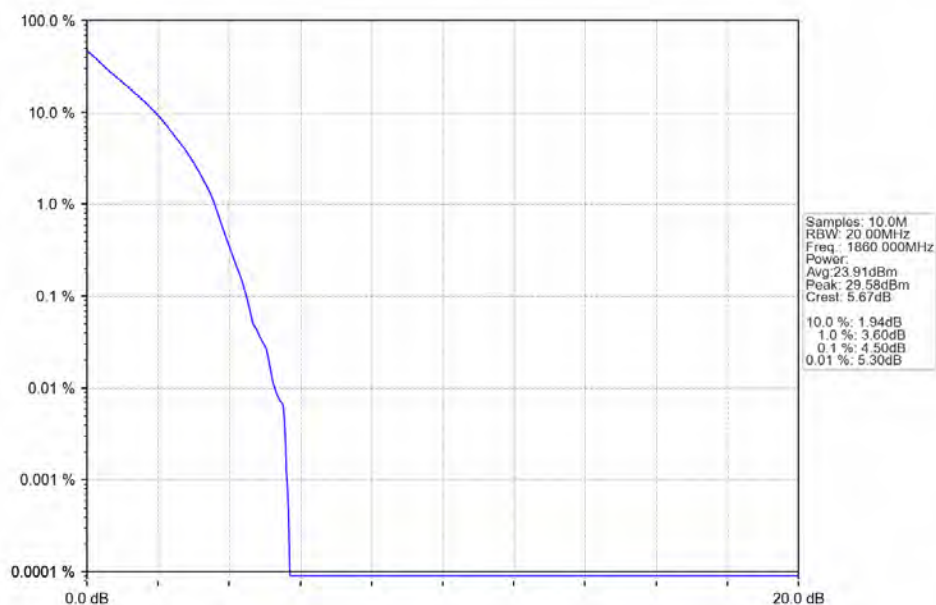


n25 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 1907.5MHz Outer Full Ant1

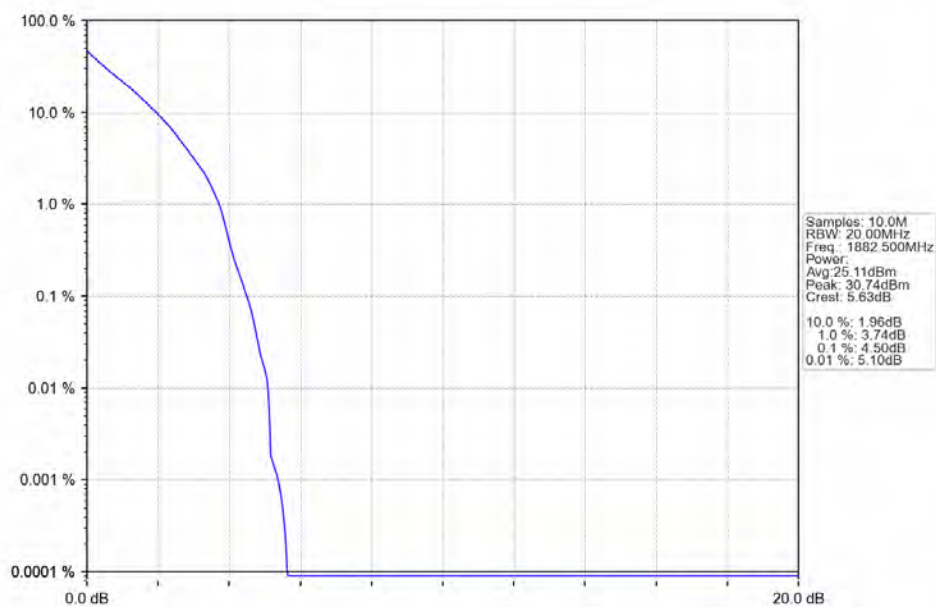


4.2.4 15k_SISO_20MHz_NTNV

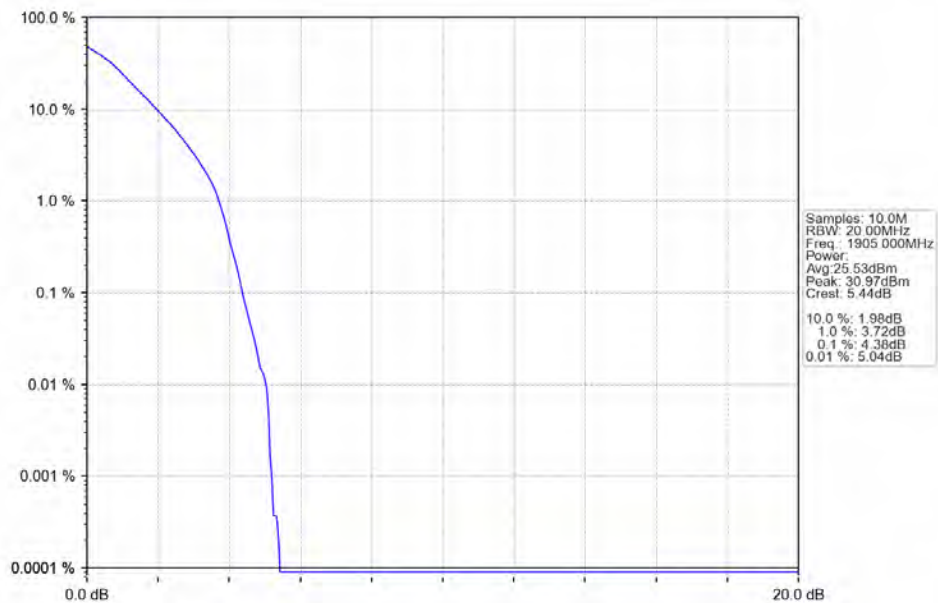
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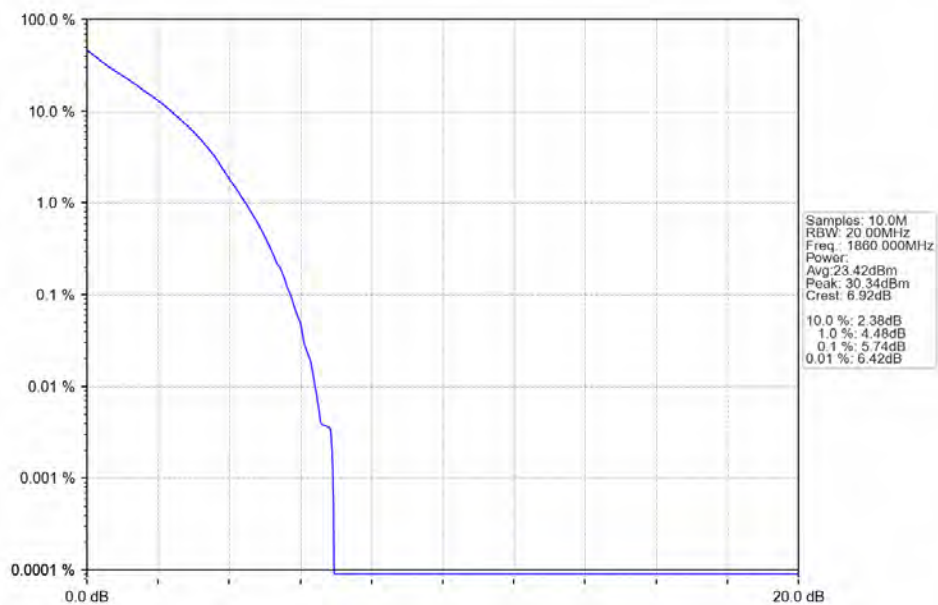
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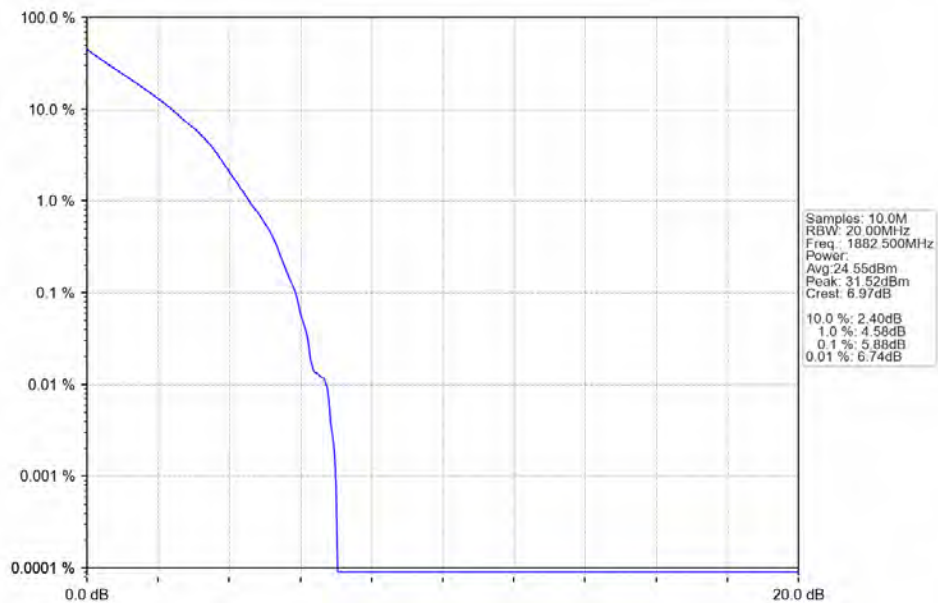
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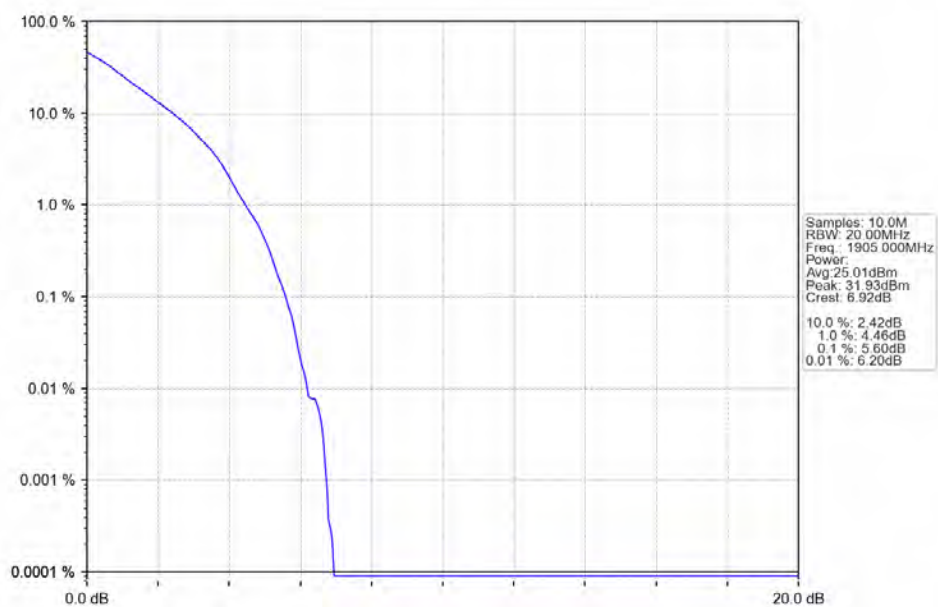
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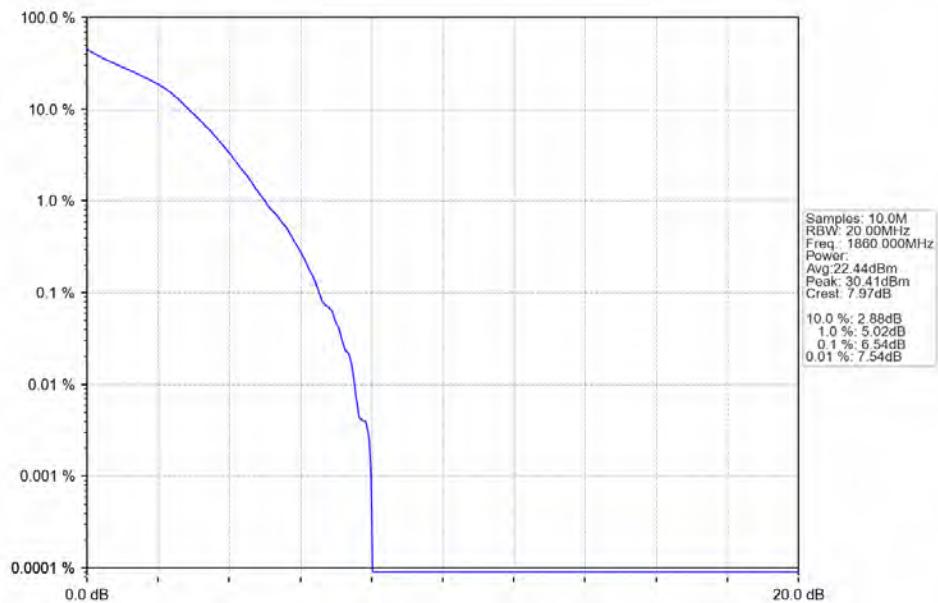
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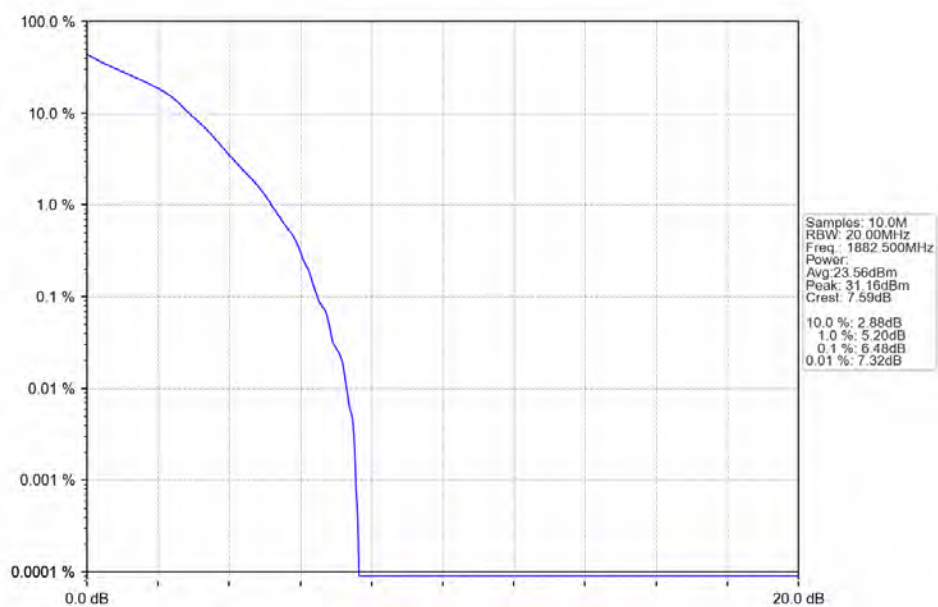
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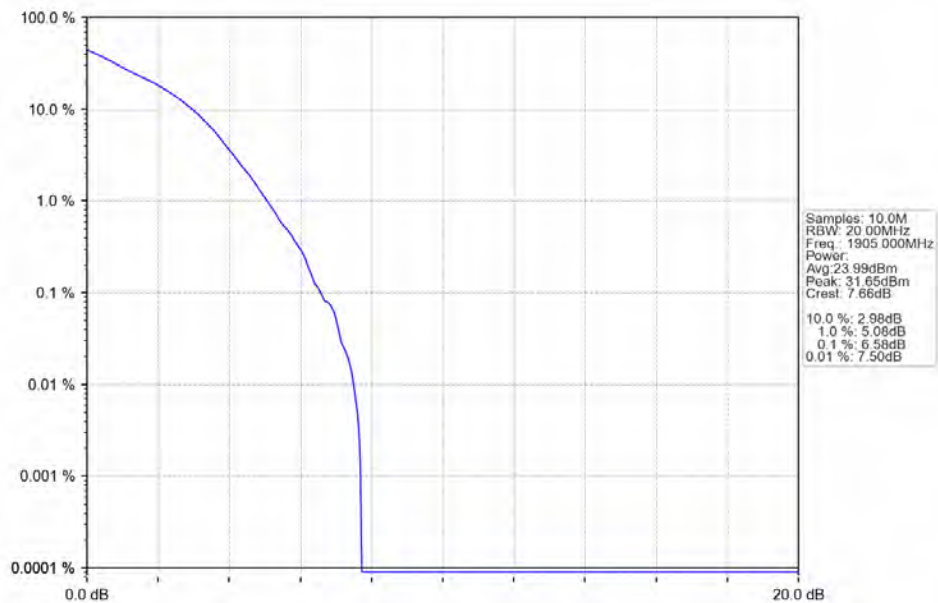
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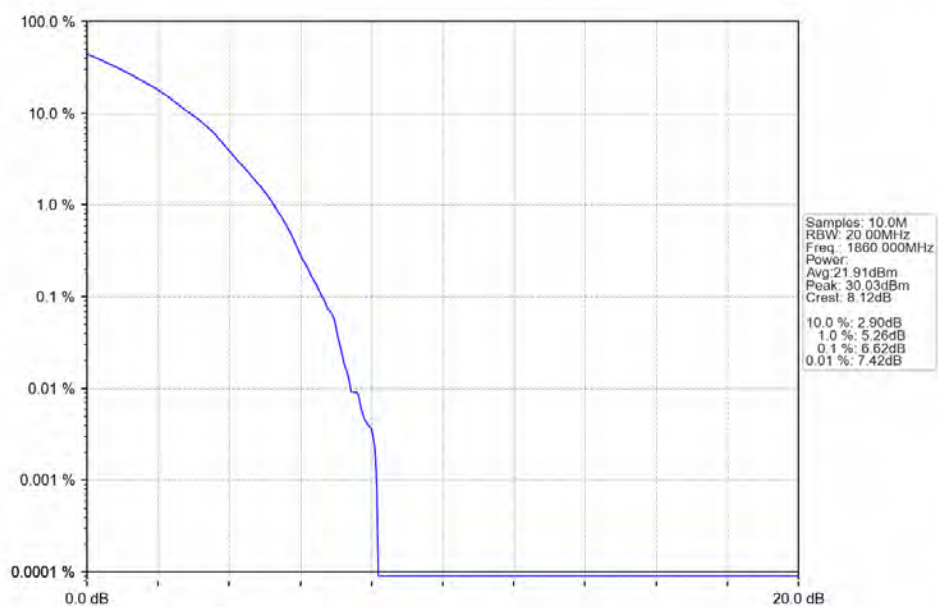
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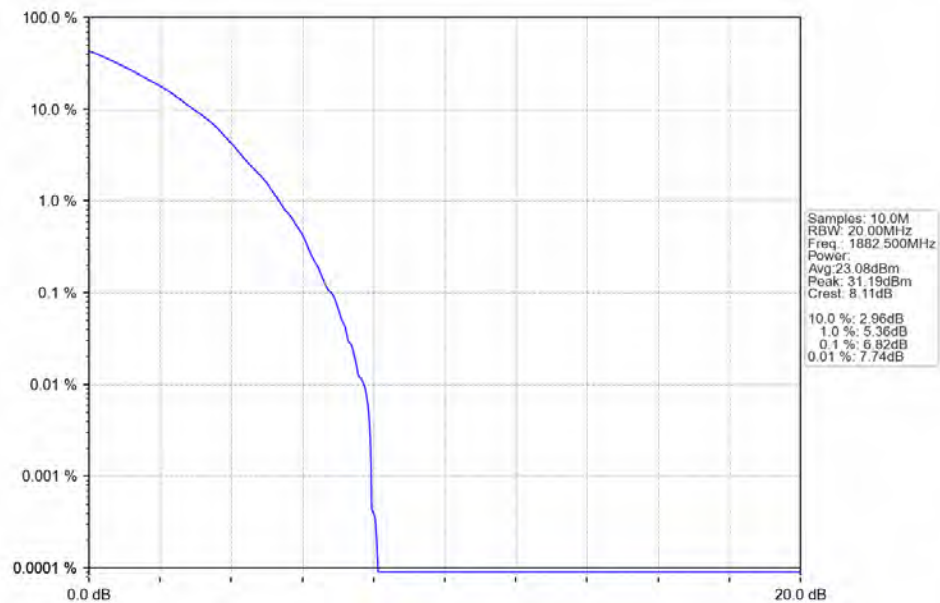
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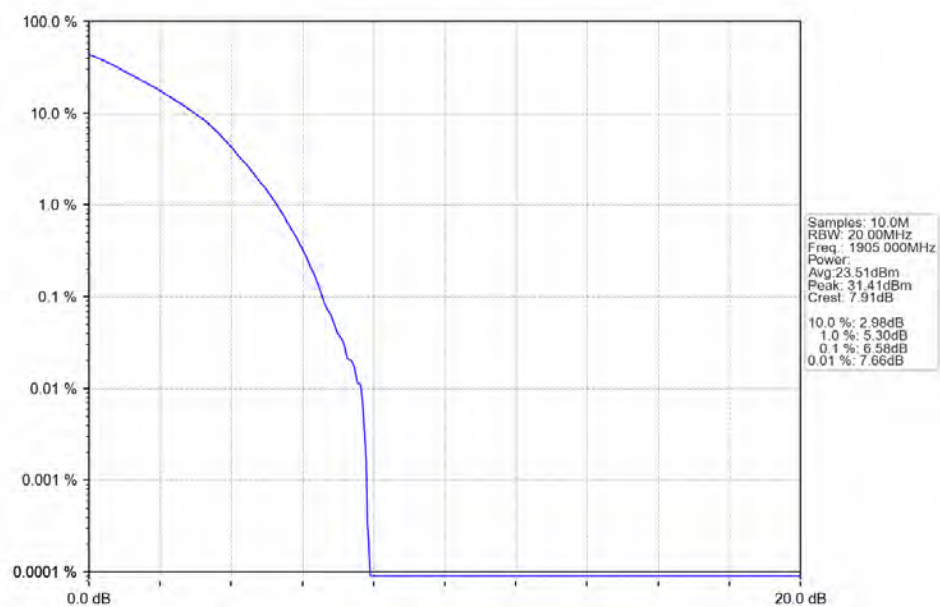
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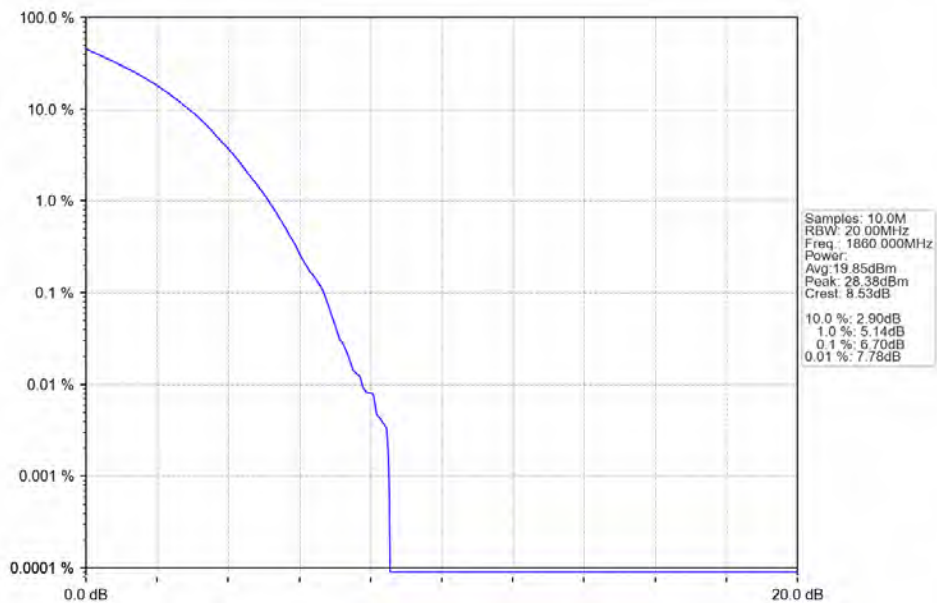
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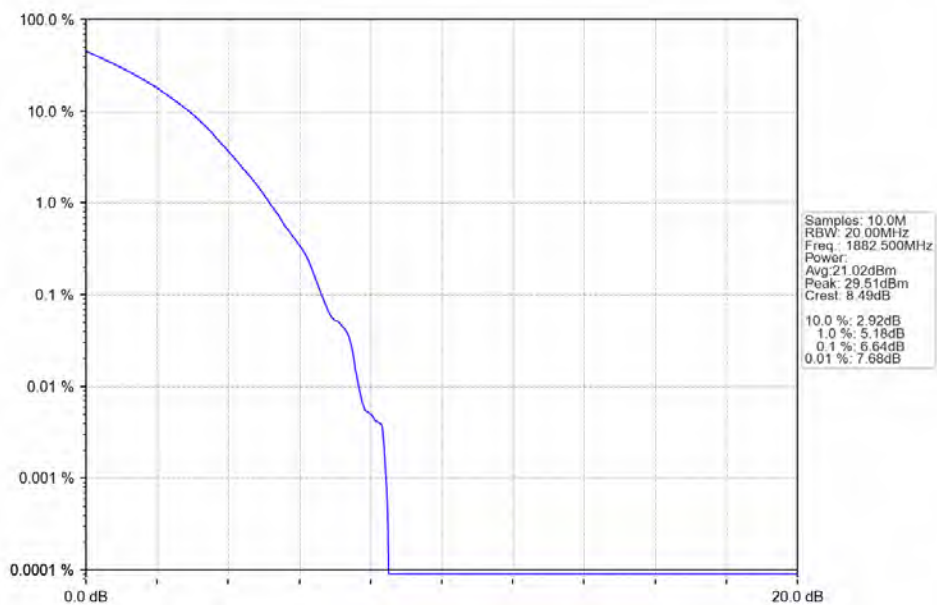
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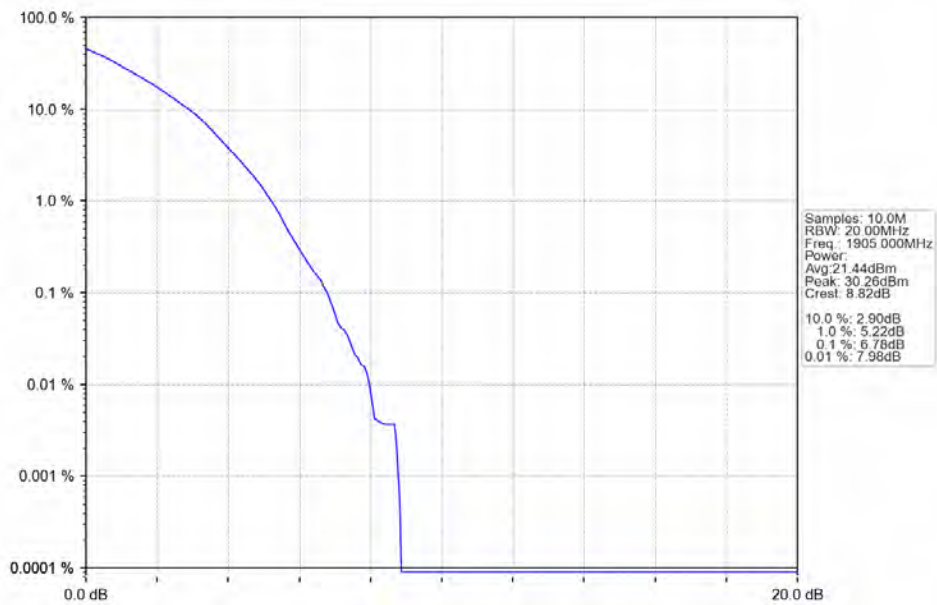
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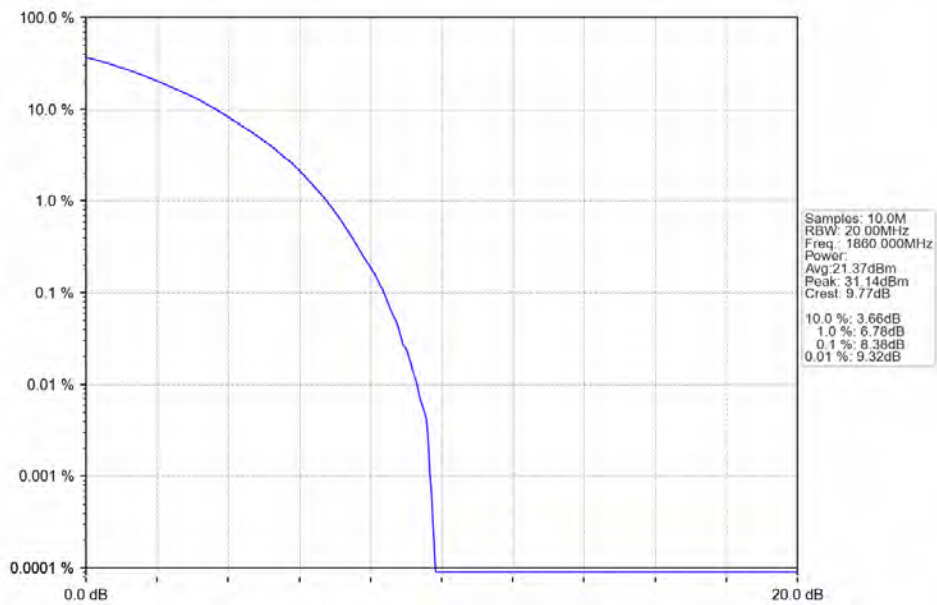
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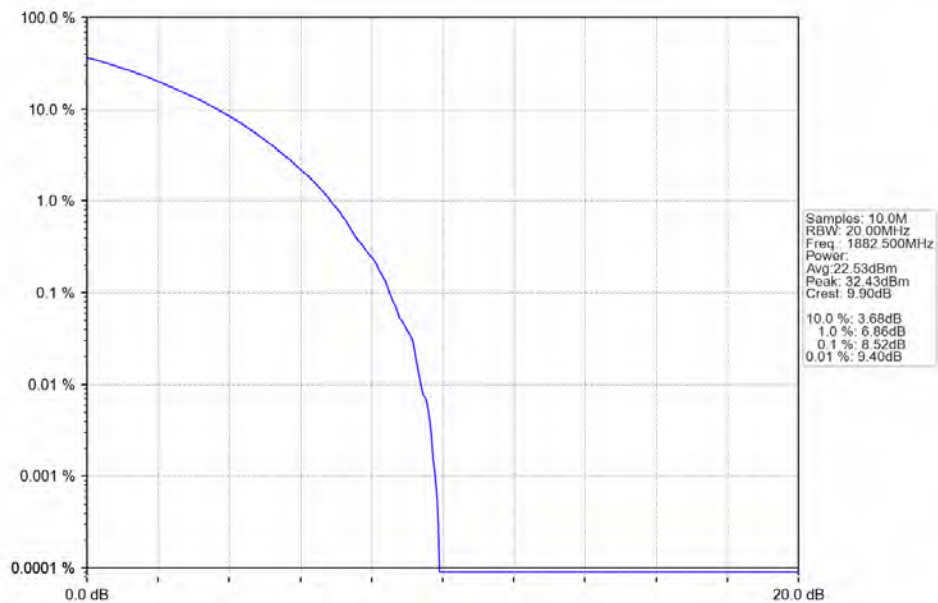
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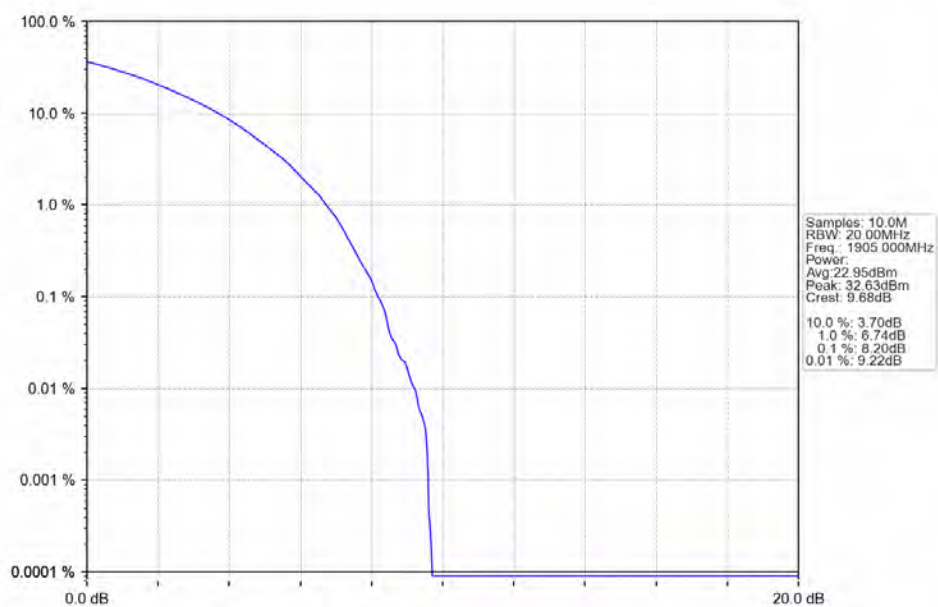
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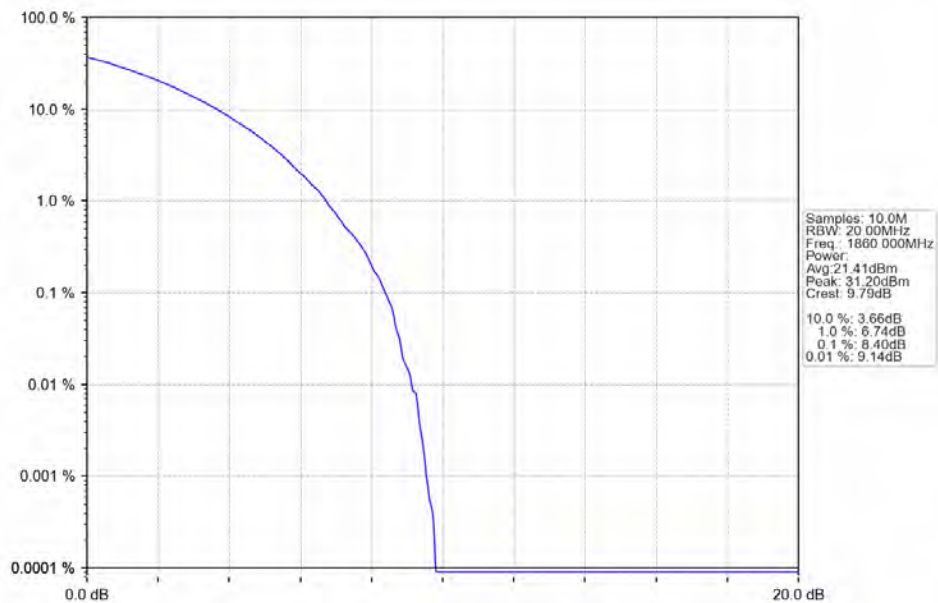
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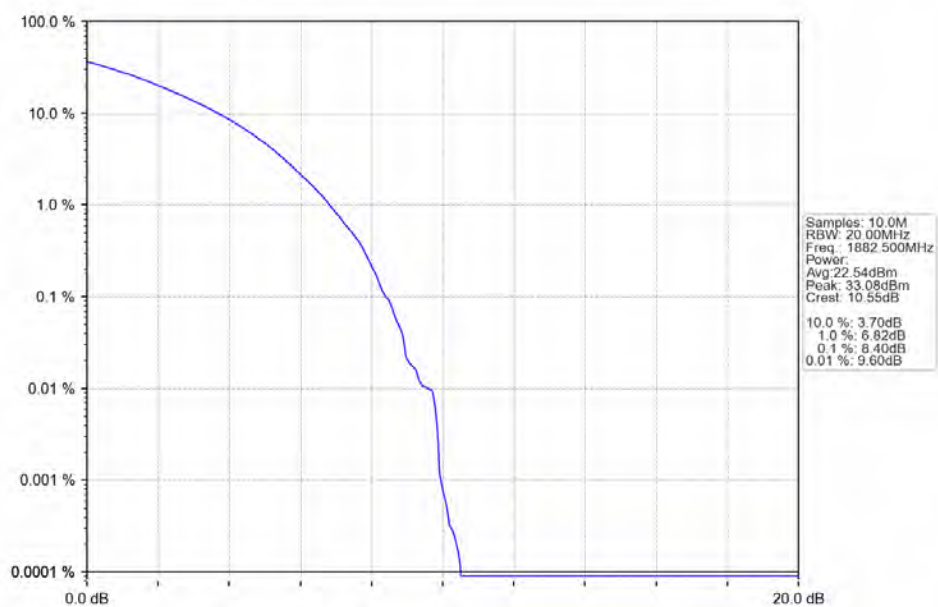
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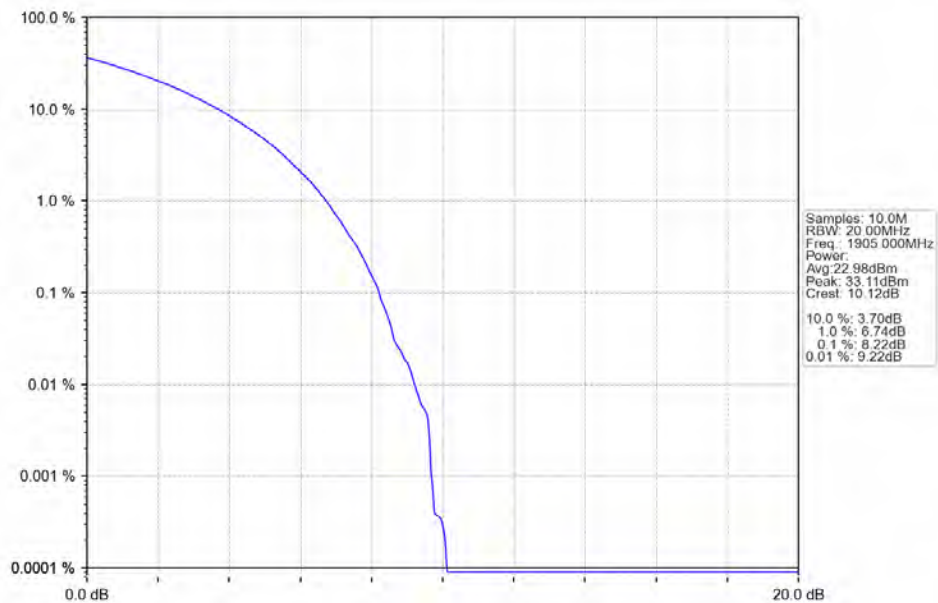
n25 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 1860MHz Outer Full Ant1



n25 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 1882.5MHz Outer Full Ant1



n25 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 1905MHz Outer Full Ant1



n25 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 1860MHz Outer Full Ant1

