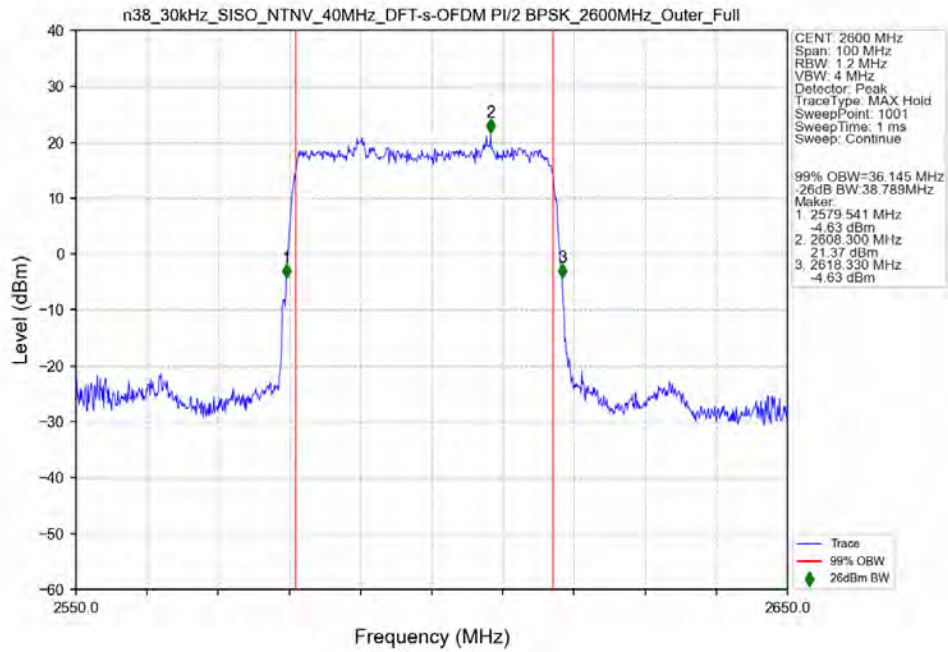
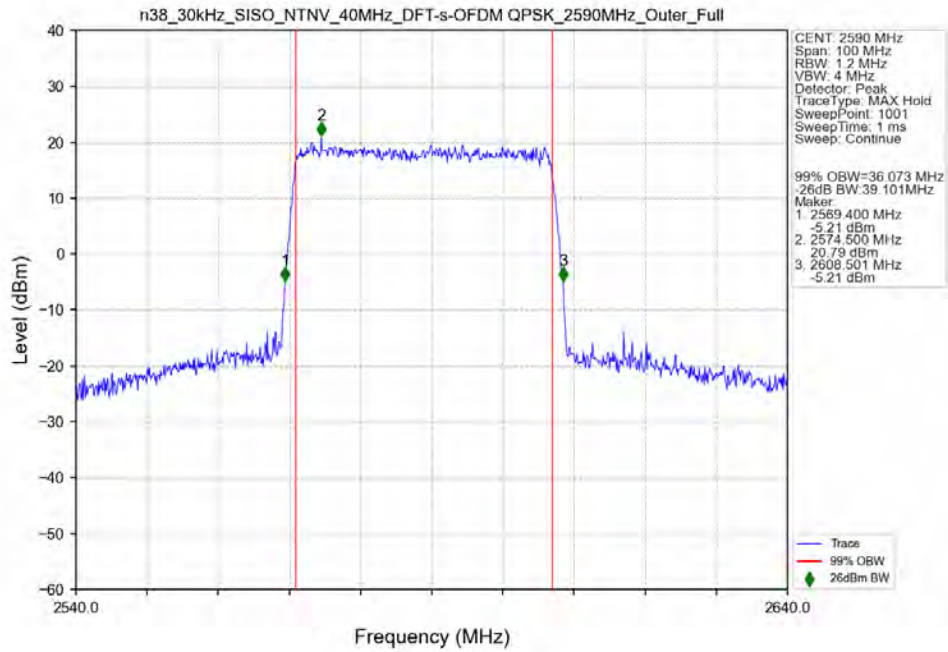


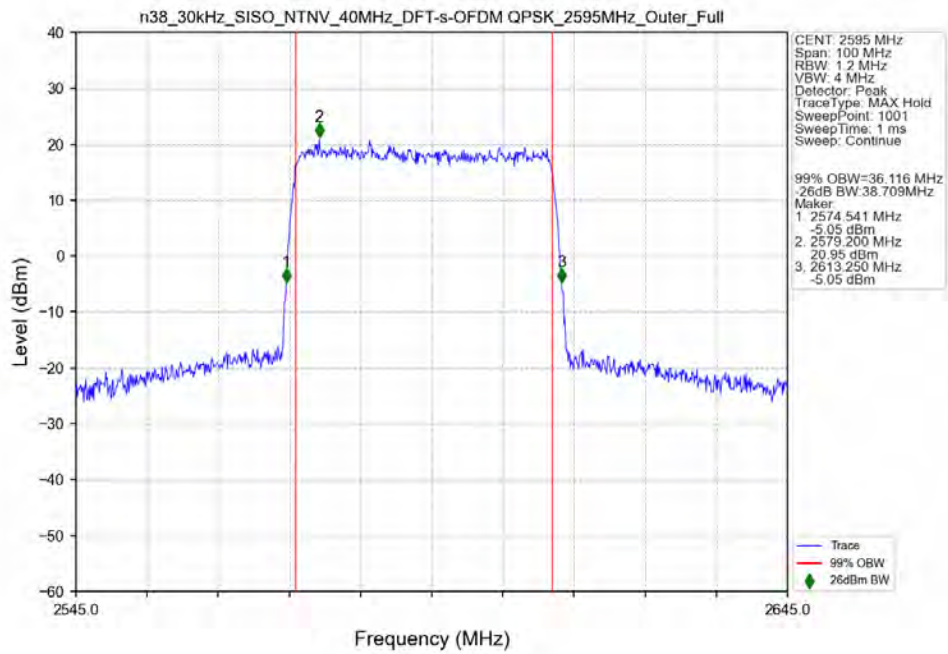
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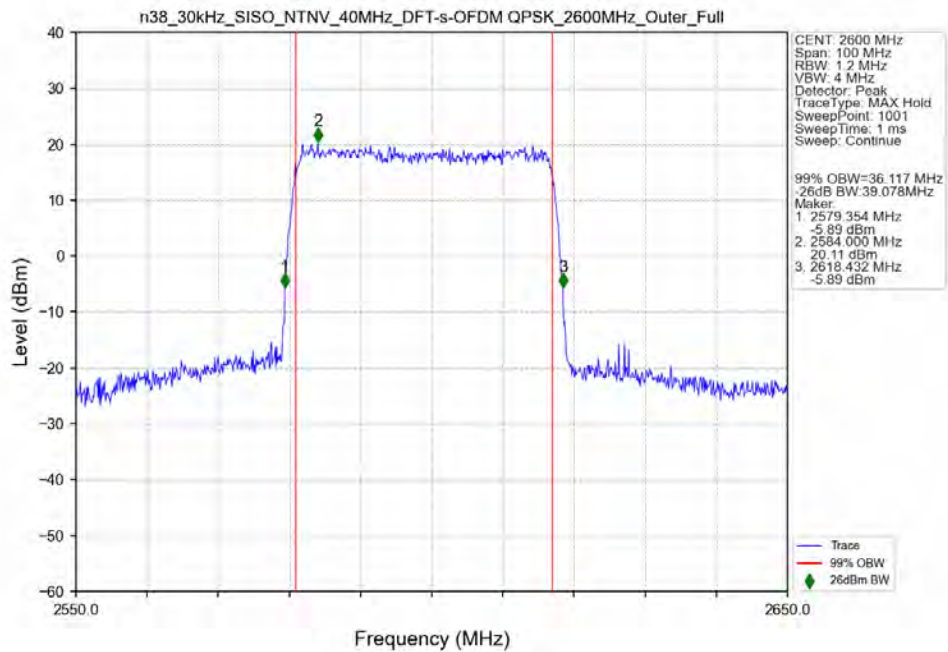
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2590MHz_Outer_Full_Ant41



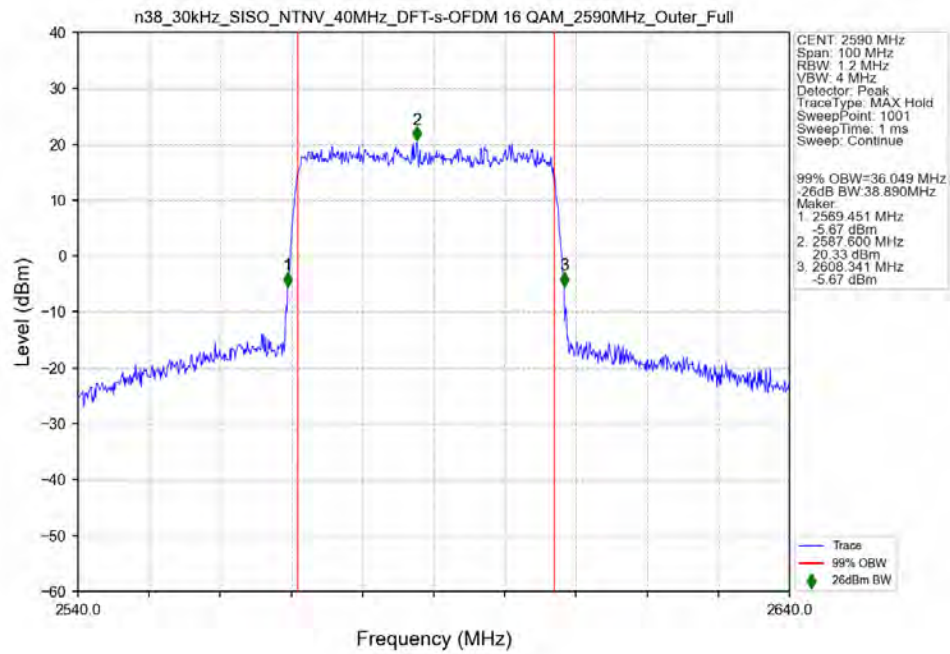
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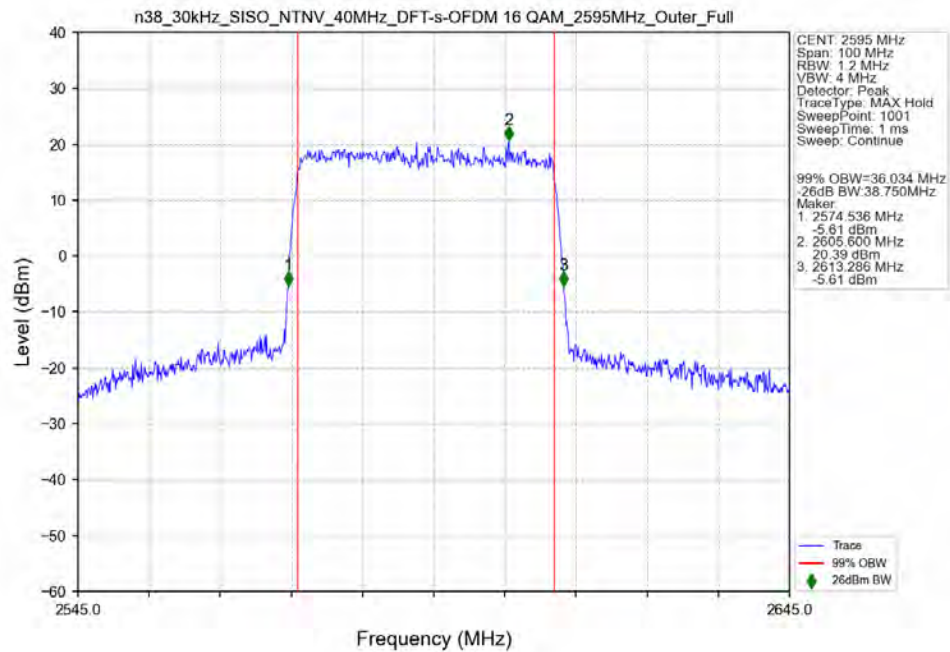
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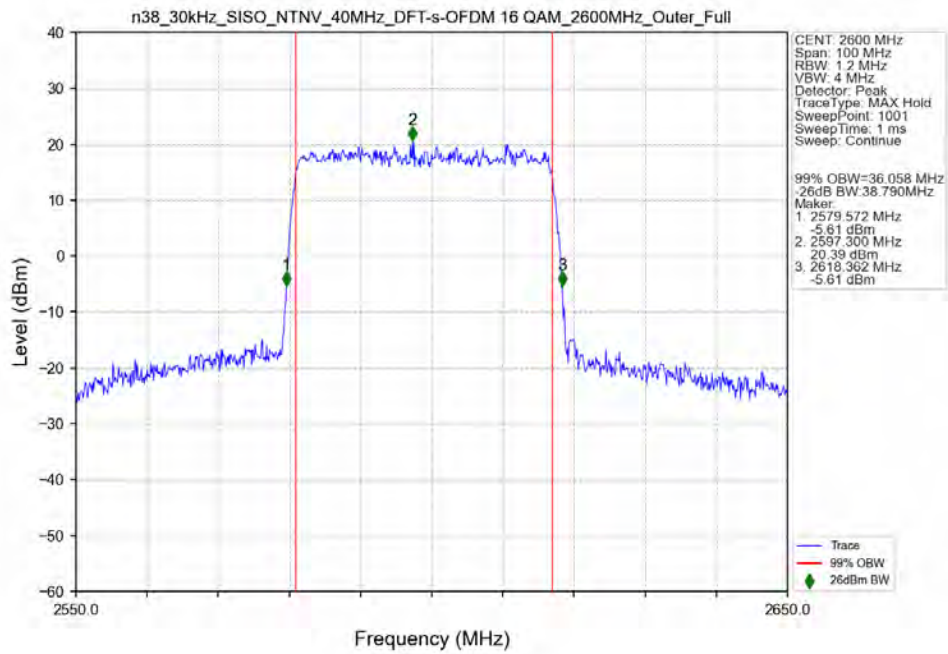
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16QAM_2590MHz_Outer_Full_Ant41



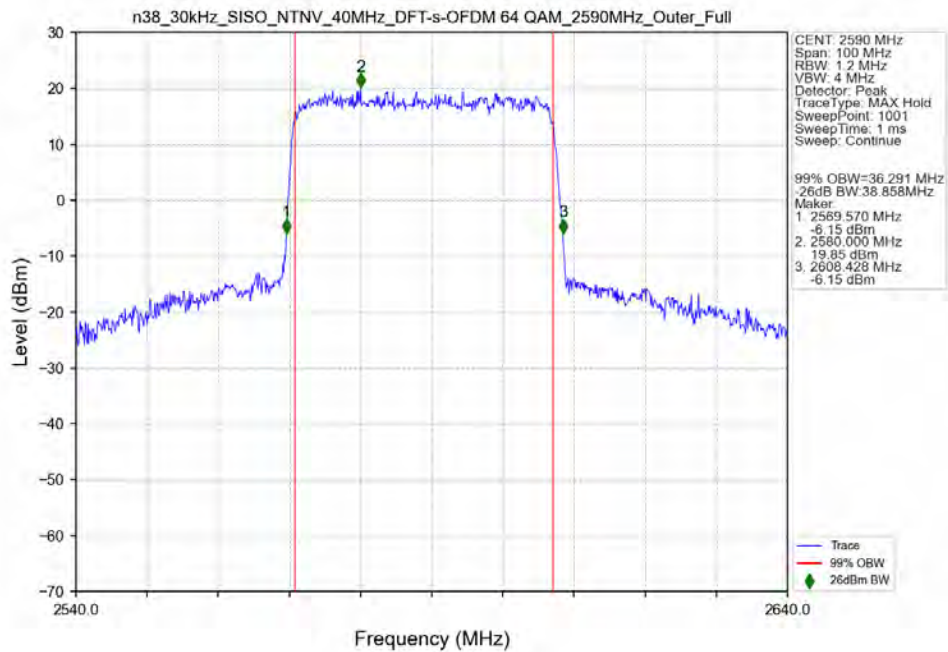
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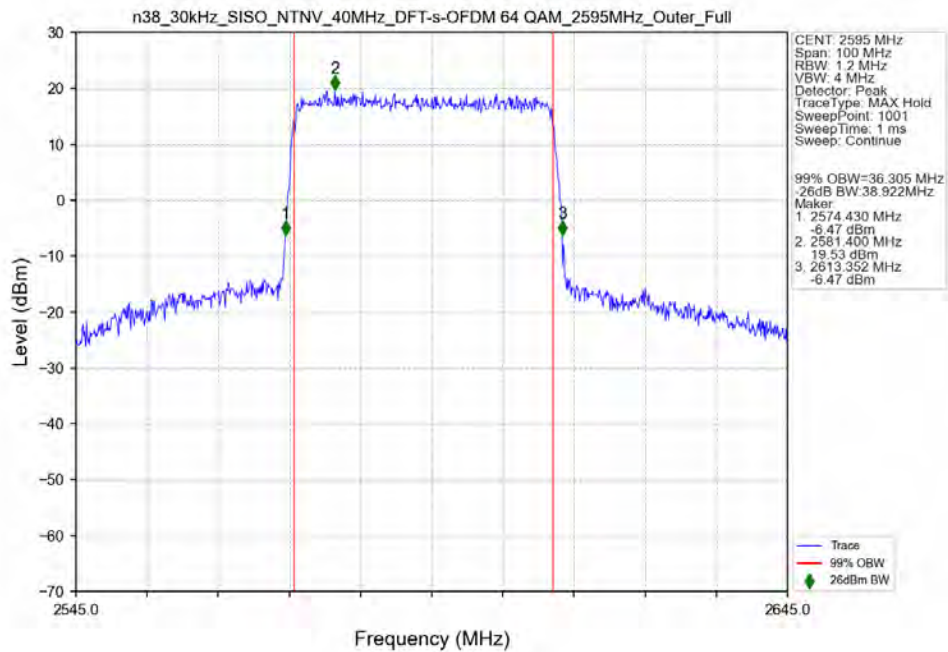
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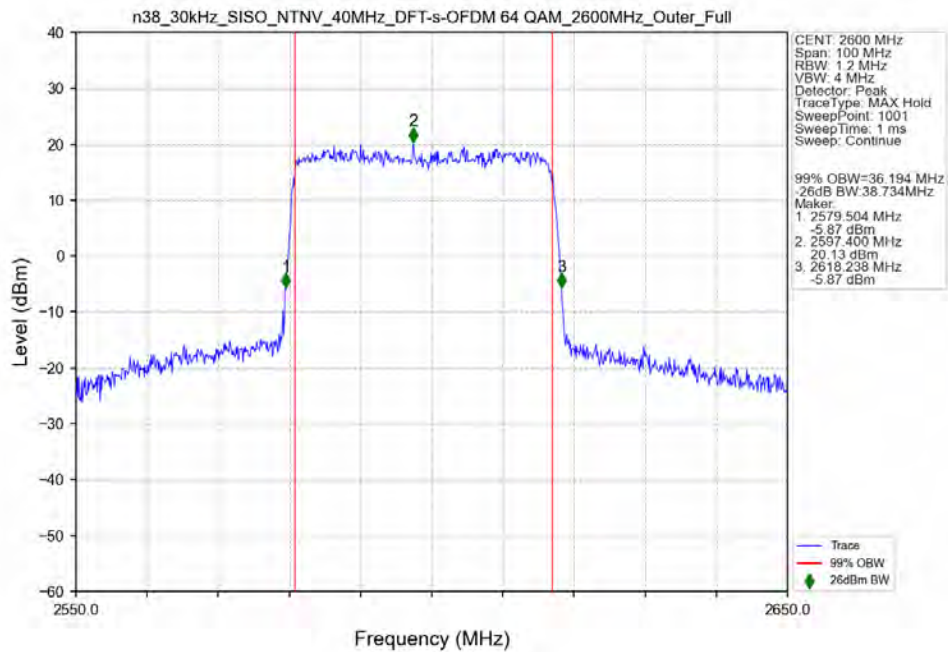
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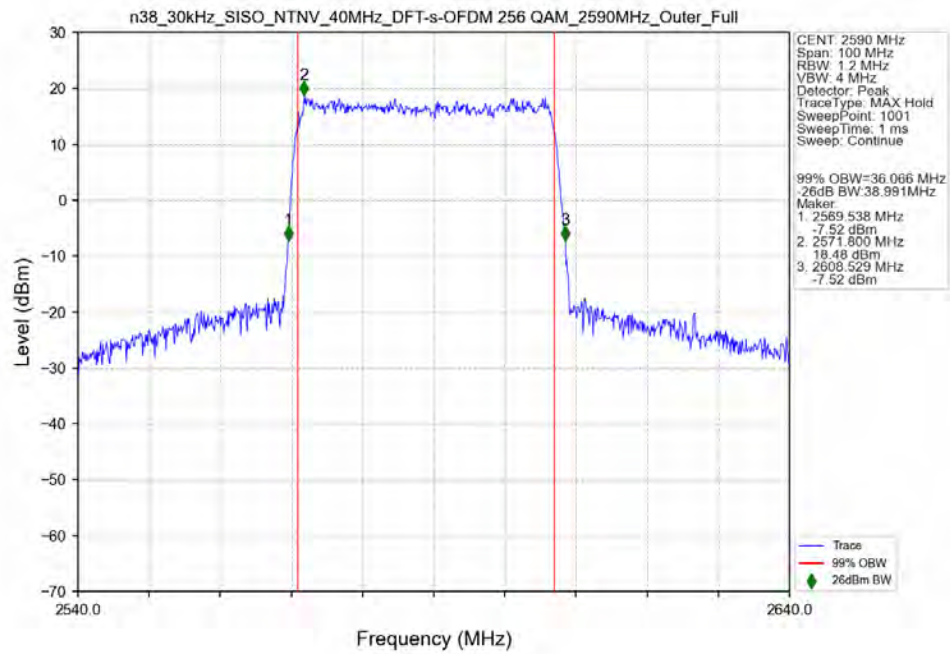
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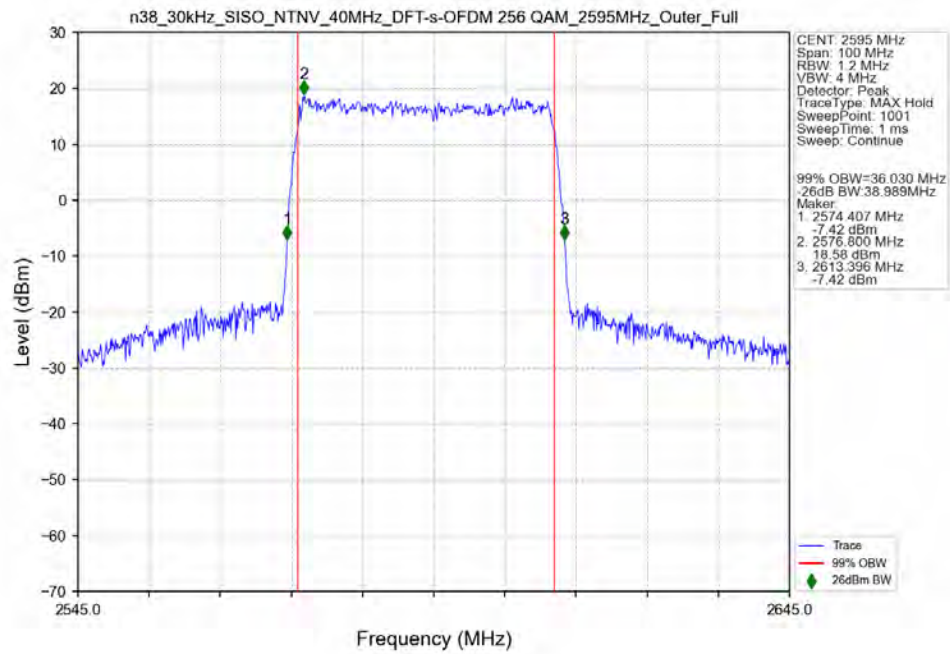
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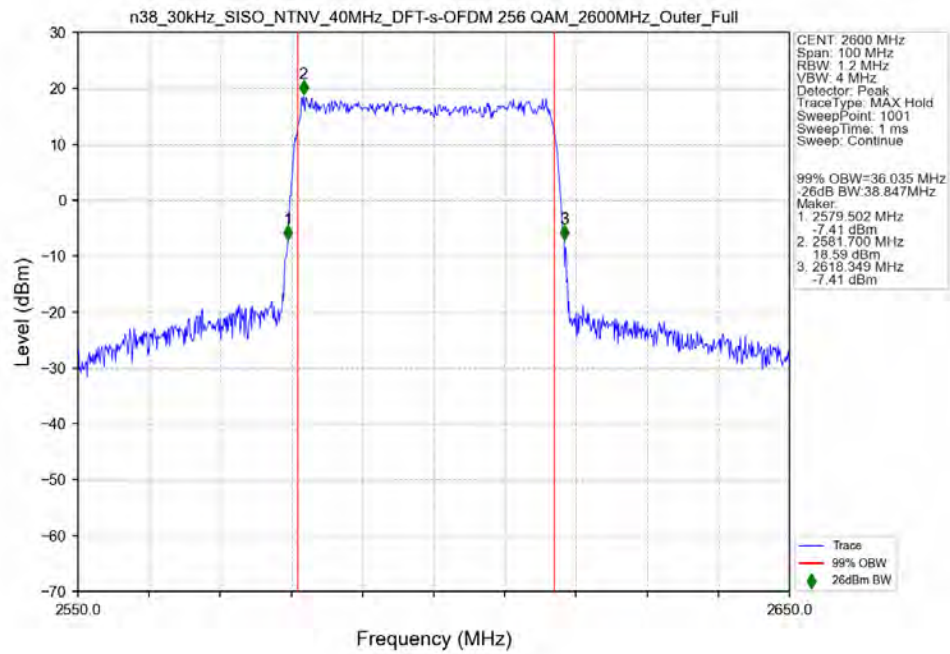
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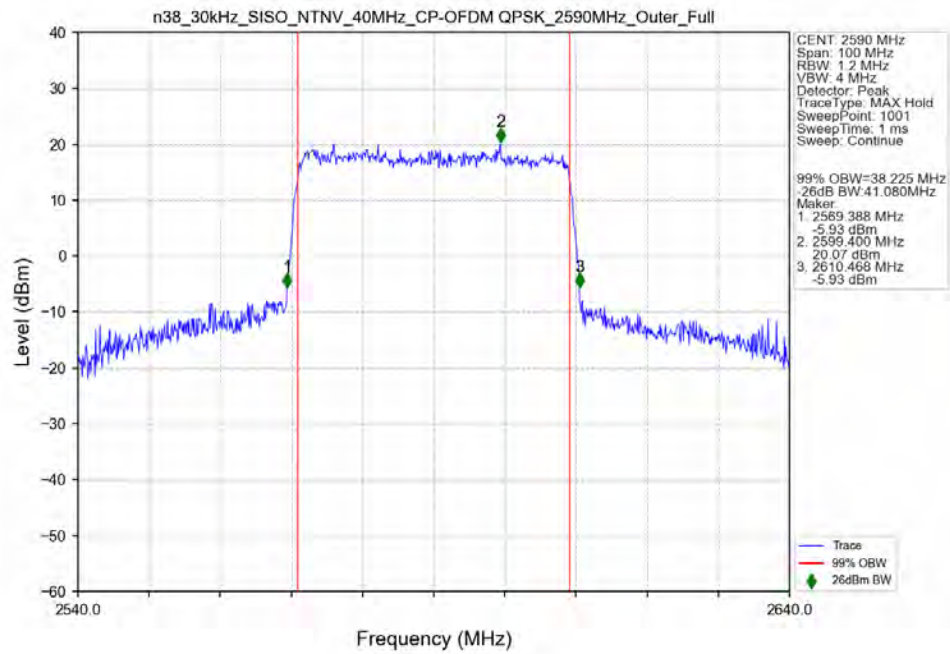
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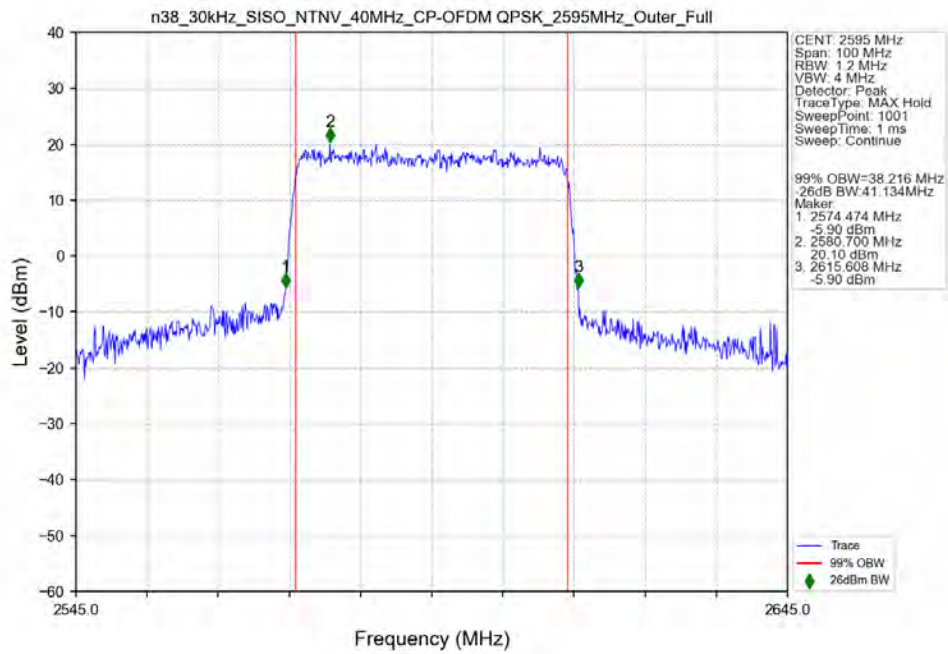
n38 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 2600MHz Outer Full Ant41



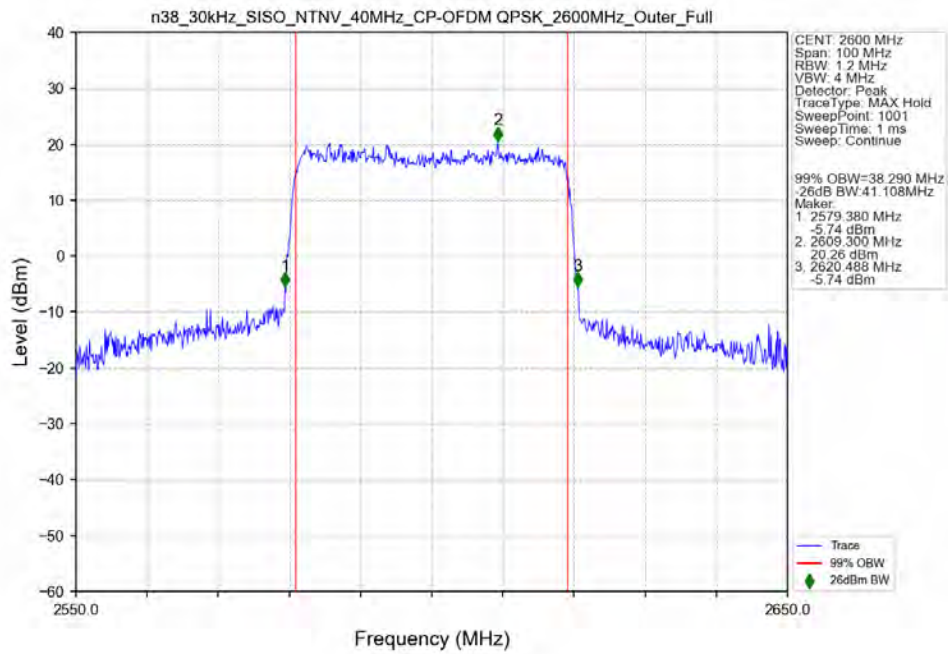
n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2590MHz Outer Full Ant41



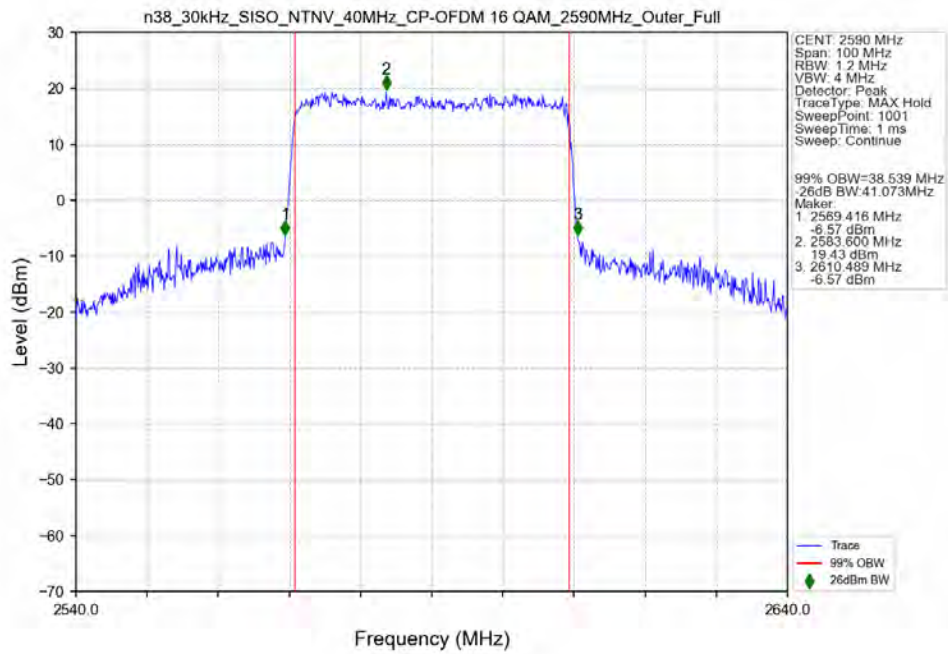
n38 30kHz SISO NTN 40MHz CP-OFDM QPSK 2595MHz Outer Full Ant41



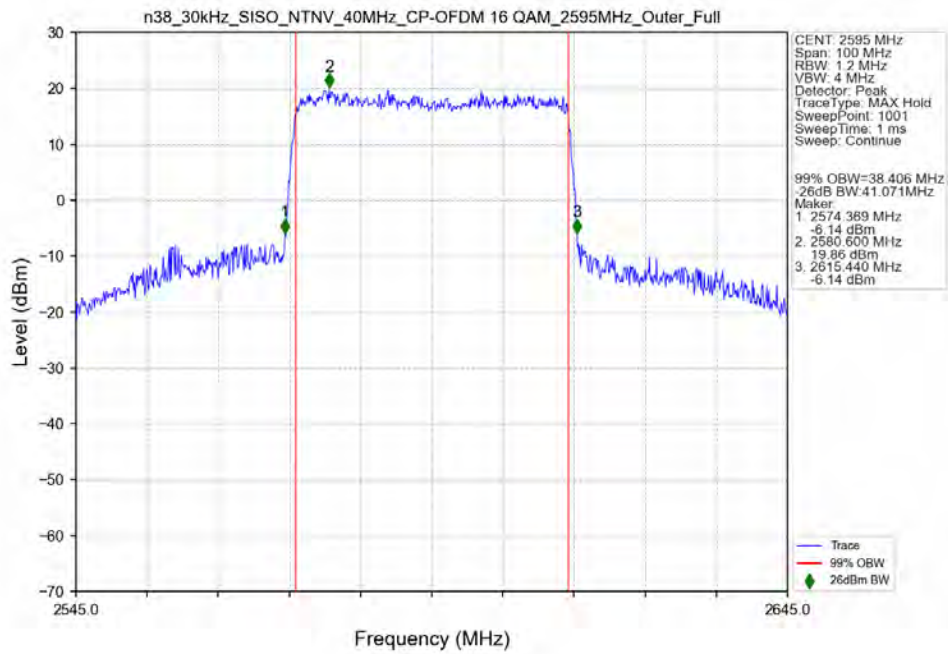
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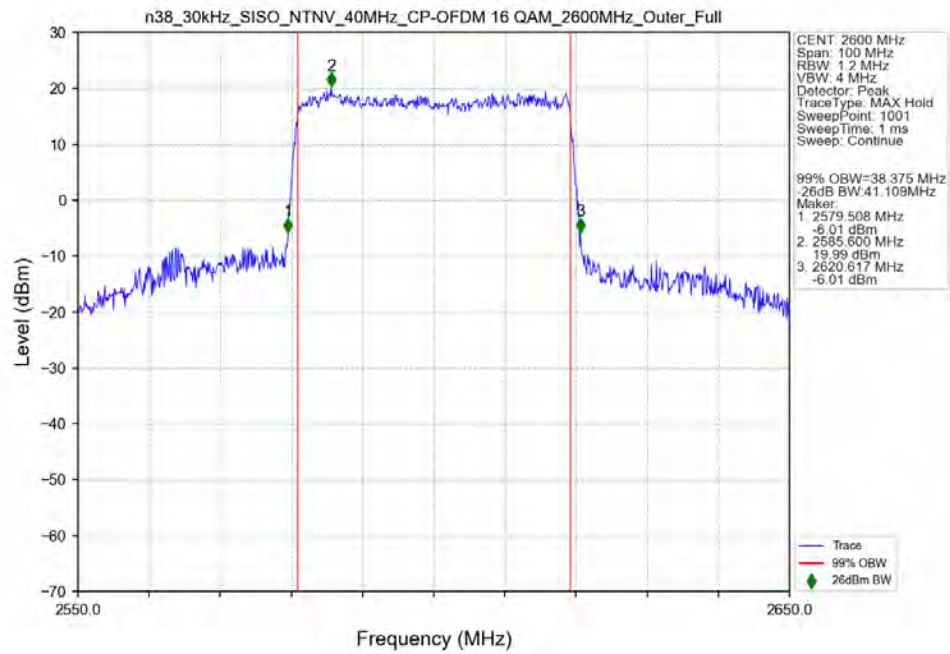
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_2590MHz_Outer_Full_Ant41



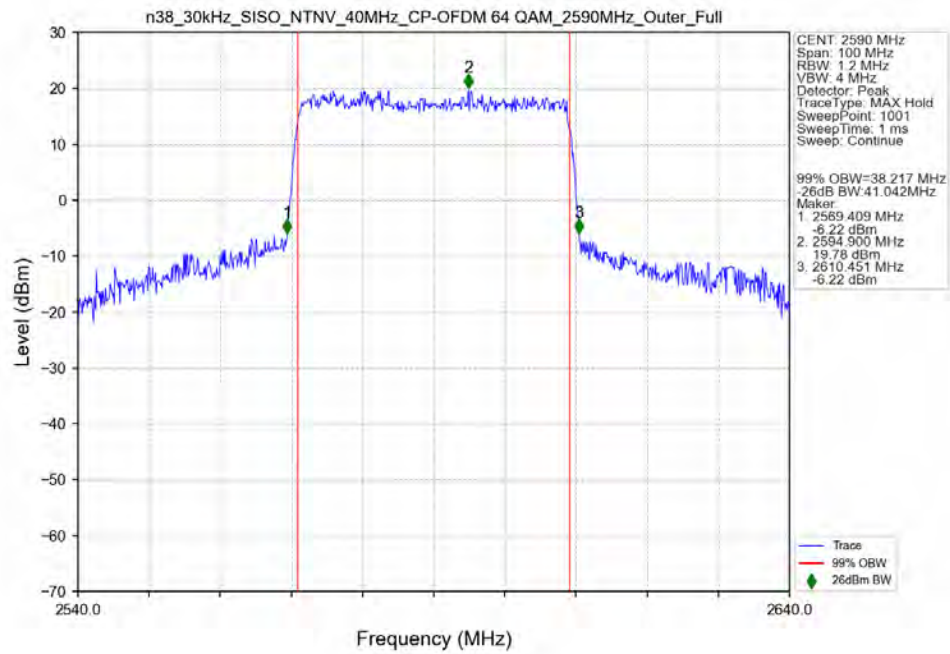
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_2595MHz_Outer_Full_Ant41



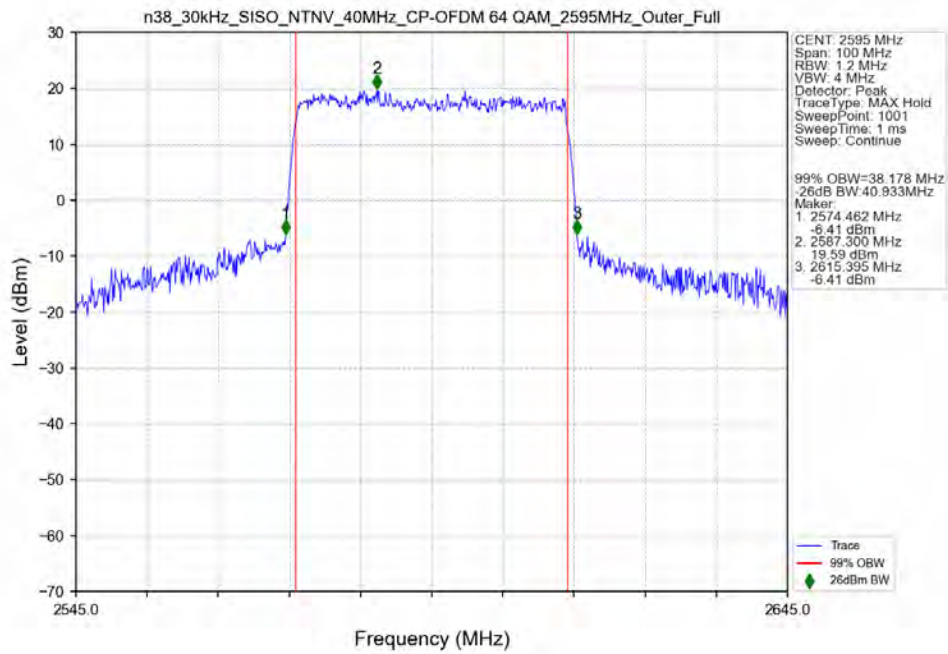
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 2600MHz_Outer_Full_Ant41



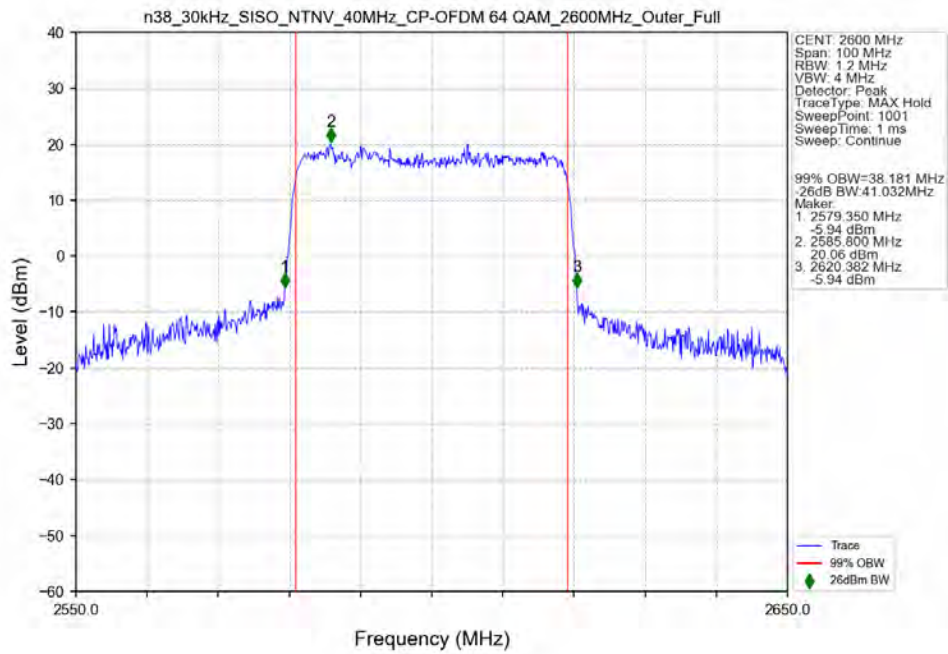
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 2590MHz_Outer_Full_Ant41



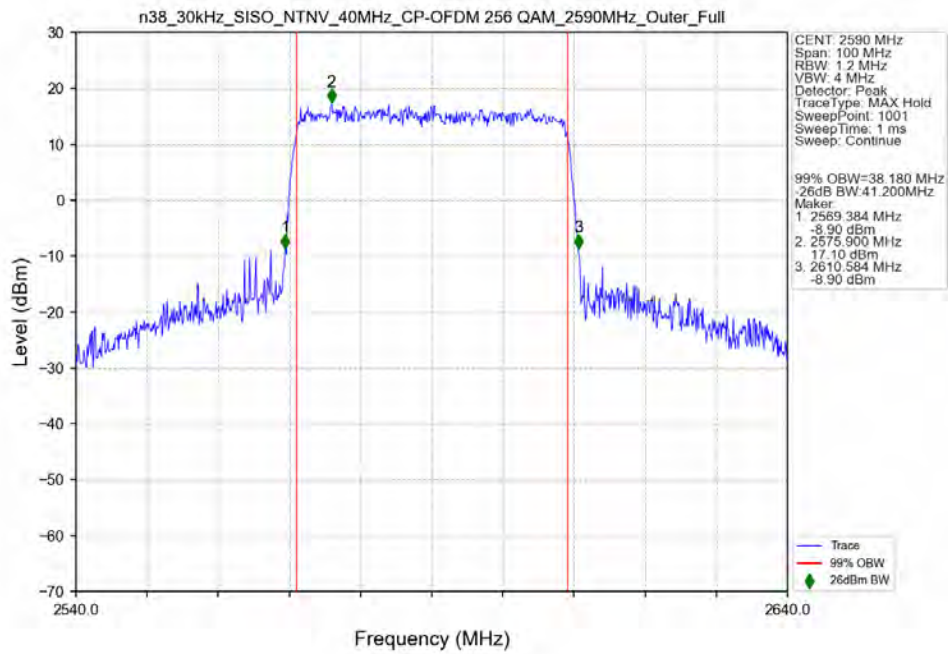
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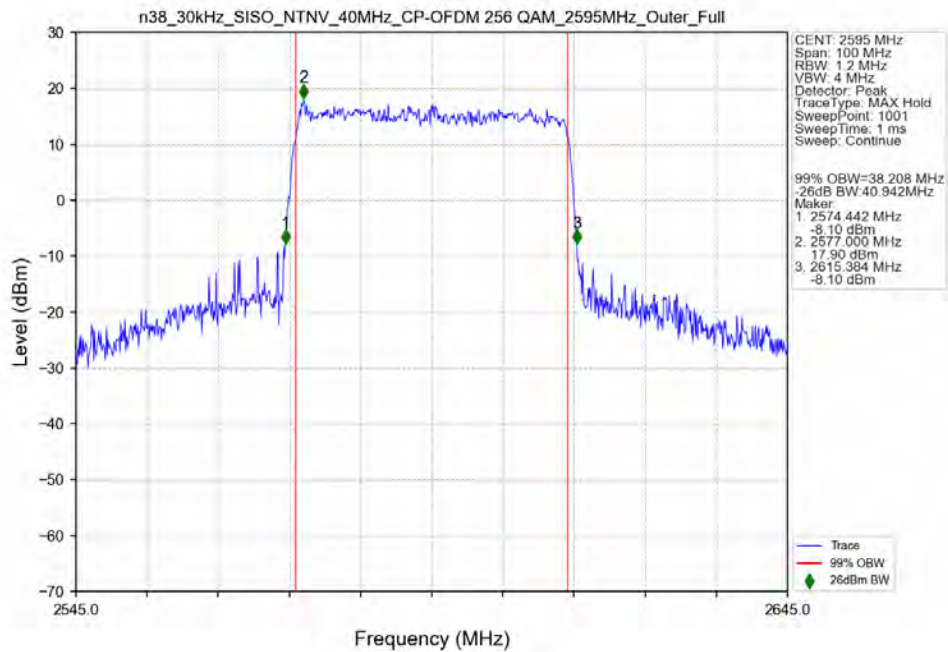
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 2600MHz_Outer_Full_Ant41



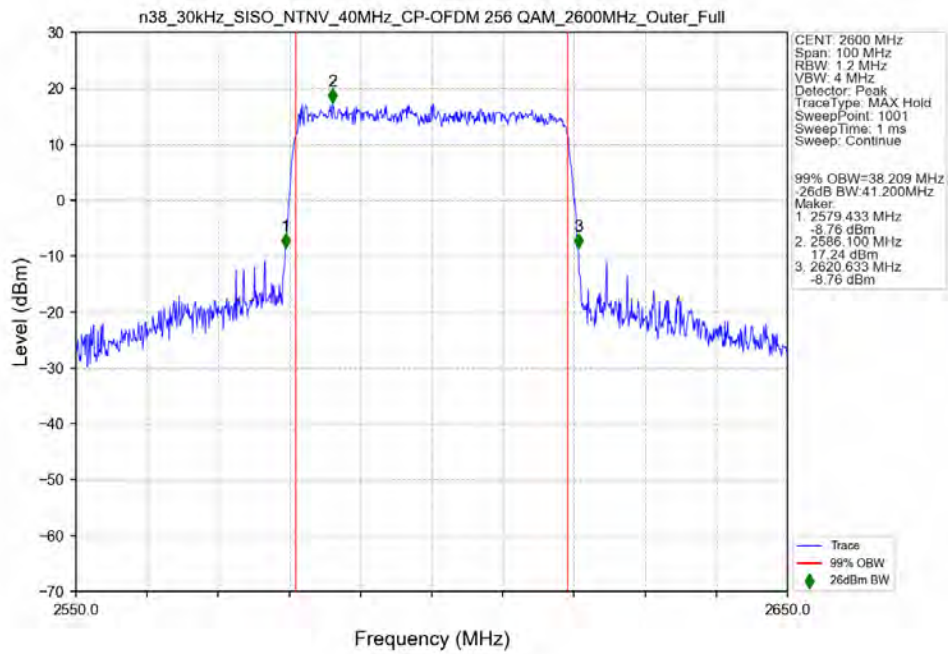
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_2590MHz_Outer_Full_Ant41



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant41



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_2600MHz_Outer_Full_Ant41



4. Peak-Average Ratio

4.1 Test Result

4.1.1 30k_SISO_10MHz_NTNV

5G NR n38 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2575	Outer_Full	4.35	/	/	<=13	Pass
	2595	Outer_Full	4.30	/	/	<=13	Pass
	2615	Outer_Full	4.43	/	/	<=13	Pass
DFT-s-OFDM QPSK	2575	Outer_Full	5.18	/	/	<=13	Pass
	2595	Outer_Full	5.39	/	/	<=13	Pass
	2615	Outer_Full	5.56	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2575	Outer_Full	5.81	/	/	<=13	Pass
	2595	Outer_Full	5.91	/	/	<=13	Pass
	2615	Outer_Full	6.09	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2575	Outer_Full	5.84	/	/	<=13	Pass
	2595	Outer_Full	5.95	/	/	<=13	Pass
	2615	Outer_Full	6.26	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2575	Outer_Full	6.40	/	/	<=13	Pass
	2595	Outer_Full	6.42	/	/	<=13	Pass
	2615	Outer_Full	6.64	/	/	<=13	Pass
CP-OFDM QPSK	2575	Outer_Full	6.25	/	/	<=13	Pass
	2595	Outer_Full	6.62	/	/	<=13	Pass
	2615	Outer_Full	6.87	/	/	<=13	Pass
CP-OFDM 16 QAM	2575	Outer_Full	6.31	/	/	<=13	Pass
	2595	Outer_Full	6.52	/	/	<=13	Pass
	2615	Outer_Full	6.94	/	/	<=13	Pass
CP-OFDM 64 QAM	2575	Outer_Full	6.37	/	/	<=13	Pass
	2595	Outer_Full	6.61	/	/	<=13	Pass
	2615	Outer_Full	7.06	/	/	<=13	Pass
CP-OFDM 256 QAM	2575	Outer_Full	7.72	/	/	<=13	Pass
	2595	Outer_Full	7.80	/	/	<=13	Pass
	2615	Outer_Full	8.01	/	/	<=13	Pass

4.1.2 30k_SISO_15MHz_NTNV

5G NR n38 SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2577.5	Outer_Full	4.14	/	/	<=13	Pass
	2595	Outer_Full	4.07	/	/	<=13	Pass
	2612.5	Outer_Full	4.45	/	/	<=13	Pass
DFT-s-OFDM QPSK	2577.5	Outer_Full	5.20	/	/	<=13	Pass
	2595	Outer_Full	5.27	/	/	<=13	Pass
	2612.5	Outer_Full	5.39	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2577.5	Outer_Full	5.72	/	/	<=13	Pass
	2595	Outer_Full	5.82	/	/	<=13	Pass
	2612.5	Outer_Full	6.17	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2577.5	Outer_Full	5.78	/	/	<=13	Pass
	2595	Outer_Full	5.98	/	/	<=13	Pass
	2612.5	Outer_Full	6.25	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	2577.5	Outer_Full	6.22	/	/	<=13	Pass
	2595	Outer_Full	6.32	/	/	<=13	Pass
	2612.5	Outer_Full	6.51	/	/	<=13	Pass
CP-OFDM QPSK	2577.5	Outer_Full	6.40	/	/	<=13	Pass
	2595	Outer_Full	6.50	/	/	<=13	Pass
	2612.5	Outer_Full	6.71	/	/	<=13	Pass
CP-OFDM 16 QAM	2577.5	Outer_Full	6.36	/	/	<=13	Pass
	2595	Outer_Full	6.51	/	/	<=13	Pass
	2612.5	Outer_Full	6.74	/	/	<=13	Pass
CP-OFDM 64 QAM	2577.5	Outer_Full	6.42	/	/	<=13	Pass
	2595	Outer_Full	6.51	/	/	<=13	Pass
	2612.5	Outer_Full	6.80	/	/	<=13	Pass
CP-OFDM 256 QAM	2577.5	Outer_Full	7.87	/	/	<=13	Pass
	2595	Outer_Full	8.01	/	/	<=13	Pass
	2612.5	Outer_Full	8.27	/	/	<=13	Pass

4.1.3 30k_SISO_20MHz_NTNV

5G NR n38 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2580	Outer_Full	4.18	/	/	<=13	Pass
	2595	Outer_Full	4.15	/	/	<=13	Pass
	2610	Outer_Full	4.50	/	/	<=13	Pass
DFT-s-OFDM QPSK	2580	Outer_Full	5.00	/	/	<=13	Pass
	2595	Outer_Full	5.38	/	/	<=13	Pass
	2610	Outer_Full	5.49	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2580	Outer_Full	5.68	/	/	<=13	Pass
	2595	Outer_Full	5.83	/	/	<=13	Pass
	2610	Outer_Full	6.06	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2580	Outer_Full	5.76	/	/	<=13	Pass
	2595	Outer_Full	5.97	/	/	<=13	Pass
	2610	Outer_Full	6.19	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2580	Outer_Full	6.29	/	/	<=13	Pass
	2595	Outer_Full	6.43	/	/	<=13	Pass
	2610	Outer_Full	6.61	/	/	<=13	Pass
CP-OFDM QPSK	2580	Outer_Full	6.40	/	/	<=13	Pass
	2595	Outer_Full	6.53	/	/	<=13	Pass
	2610	Outer_Full	6.67	/	/	<=13	Pass
CP-OFDM 16 QAM	2580	Outer_Full	6.46	/	/	<=13	Pass
	2595	Outer_Full	6.64	/	/	<=13	Pass
	2610	Outer_Full	6.77	/	/	<=13	Pass
CP-OFDM 64 QAM	2580	Outer_Full	6.46	/	/	<=13	Pass
	2595	Outer_Full	6.63	/	/	<=13	Pass
	2610	Outer_Full	6.82	/	/	<=13	Pass
CP-OFDM 256 QAM	2580	Outer_Full	7.83	/	/	<=13	Pass
	2595	Outer_Full	8.01	/	/	<=13	Pass
	2610	Outer_Full	8.19	/	/	<=13	Pass

4.1.4 30k_SISO_30MHz_NTNV

5G NR n38 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2585	Outer_Full	3.99	/	/	<=13	Pass
	2595	Outer_Full	4.34	/	/	<=13	Pass

	2605	Outer_Full	4.36	/	/	<=13	Pass
DFT-s-OFDM QPSK	2585	Outer_Full	5.16	/	/	<=13	Pass
	2595	Outer_Full	5.25	/	/	<=13	Pass
	2605	Outer_Full	5.28	/	/	<=13	Pass
	2585	Outer_Full	5.71	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	5.83	/	/	<=13	Pass
	2605	Outer_Full	6.04	/	/	<=13	Pass
	2585	Outer_Full	5.88	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	5.98	/	/	<=13	Pass
	2605	Outer_Full	6.13	/	/	<=13	Pass
	2585	Outer_Full	6.24	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	6.34	/	/	<=13	Pass
	2605	Outer_Full	6.46	/	/	<=13	Pass
	2585	Outer_Full	6.37	/	/	<=13	Pass
CP-OFDM QPSK	2595	Outer_Full	6.51	/	/	<=13	Pass
	2605	Outer_Full	6.63	/	/	<=13	Pass
	2585	Outer_Full	6.35	/	/	<=13	Pass
CP-OFDM 16 QAM	2595	Outer_Full	6.47	/	/	<=13	Pass
	2605	Outer_Full	6.68	/	/	<=13	Pass
	2585	Outer_Full	6.38	/	/	<=13	Pass
CP-OFDM 64 QAM	2595	Outer_Full	6.54	/	/	<=13	Pass
	2605	Outer_Full	6.65	/	/	<=13	Pass
	2585	Outer_Full	7.89	/	/	<=13	Pass
CP-OFDM 256 QAM	2595	Outer_Full	8.00	/	/	<=13	Pass
	2605	Outer_Full	8.11	/	/	<=13	Pass

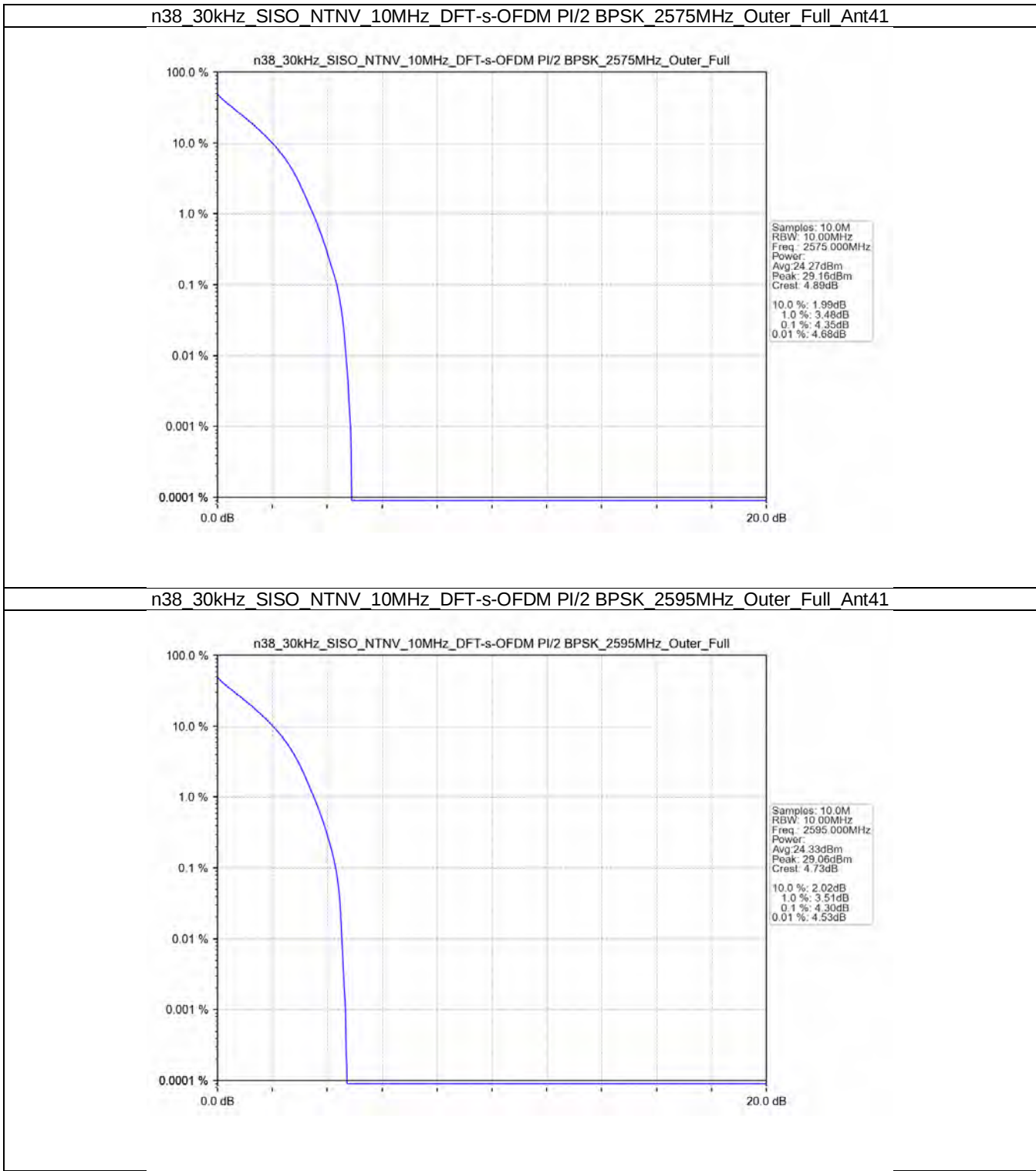
4.1.5 30k_SISO_40MHz_NTNV

5G NR n38 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant41	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2590	Outer_Full	4.02	/	/	<=13	Pass
	2595	Outer_Full	3.95	/	/	<=13	Pass
	2600	Outer_Full	4.41	/	/	<=13	Pass
DFT-s-OFDM QPSK	2590	Outer_Full	5.24	/	/	<=13	Pass
	2595	Outer_Full	5.29	/	/	<=13	Pass
	2600	Outer_Full	5.33	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2590	Outer_Full	5.82	/	/	<=13	Pass
	2595	Outer_Full	5.86	/	/	<=13	Pass
	2600	Outer_Full	5.89	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2590	Outer_Full	5.96	/	/	<=13	Pass
	2595	Outer_Full	6.01	/	/	<=13	Pass
	2600	Outer_Full	6.08	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2590	Outer_Full	6.27	/	/	<=13	Pass
	2595	Outer_Full	6.31	/	/	<=13	Pass
	2600	Outer_Full	6.36	/	/	<=13	Pass
CP-OFDM QPSK	2590	Outer_Full	6.48	/	/	<=13	Pass
	2595	Outer_Full	6.51	/	/	<=13	Pass
	2600	Outer_Full	6.56	/	/	<=13	Pass
CP-OFDM 16 QAM	2590	Outer_Full	6.51	/	/	<=13	Pass
	2595	Outer_Full	6.55	/	/	<=13	Pass
	2600	Outer_Full	6.60	/	/	<=13	Pass
CP-OFDM 64 QAM	2590	Outer_Full	6.53	/	/	<=13	Pass
	2595	Outer_Full	6.60	/	/	<=13	Pass
	2600	Outer_Full	6.63	/	/	<=13	Pass
CP-OFDM 256 QAM	2590	Outer_Full	8.03	/	/	<=13	Pass
	2595	Outer_Full	8.10	/	/	<=13	Pass

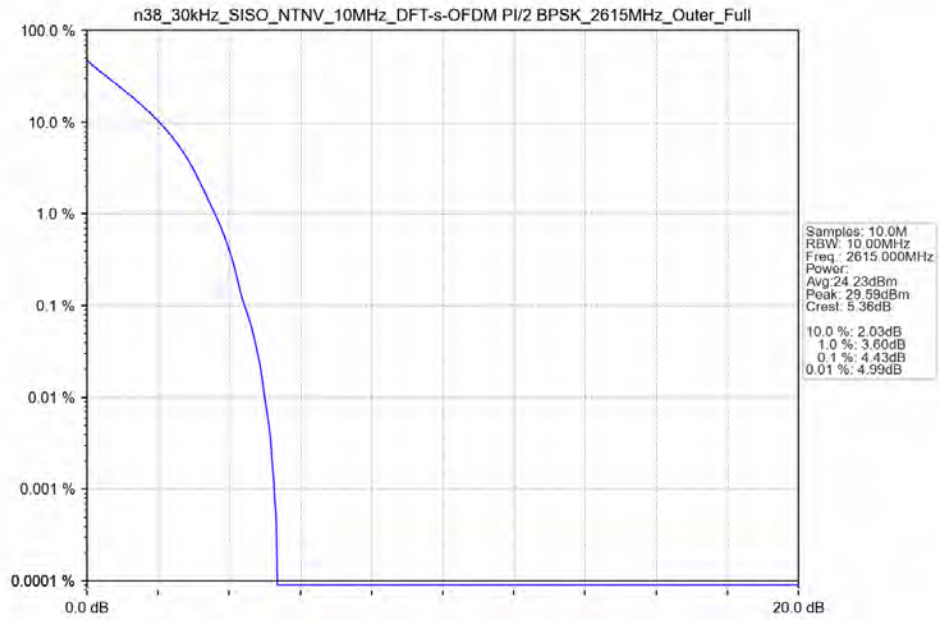
	2600	Outer Full	8.15	/	/	<=13	Pass
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4.2 Test Graph

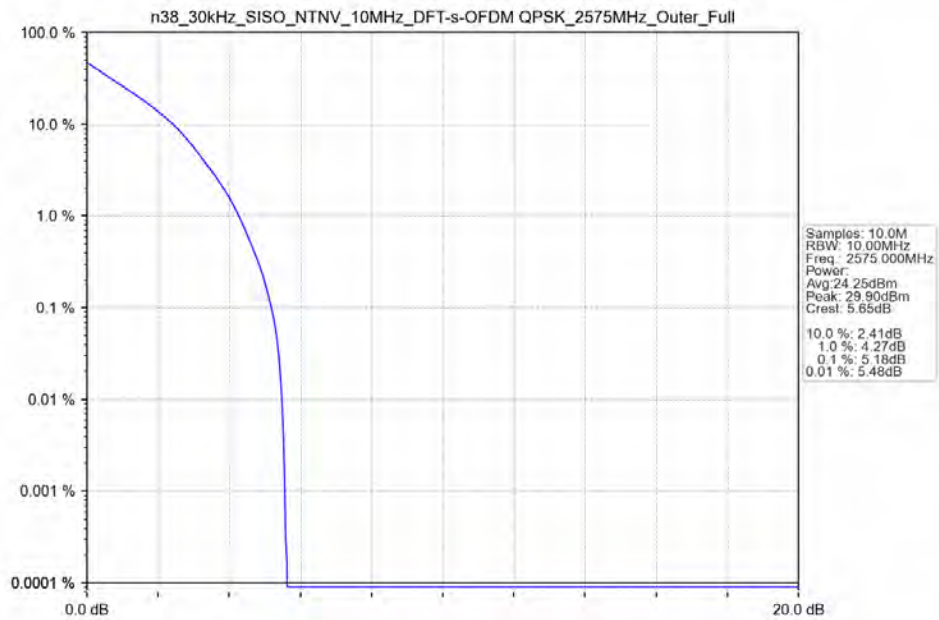
4.2.1 30k_SISO_10MHz_NTNV



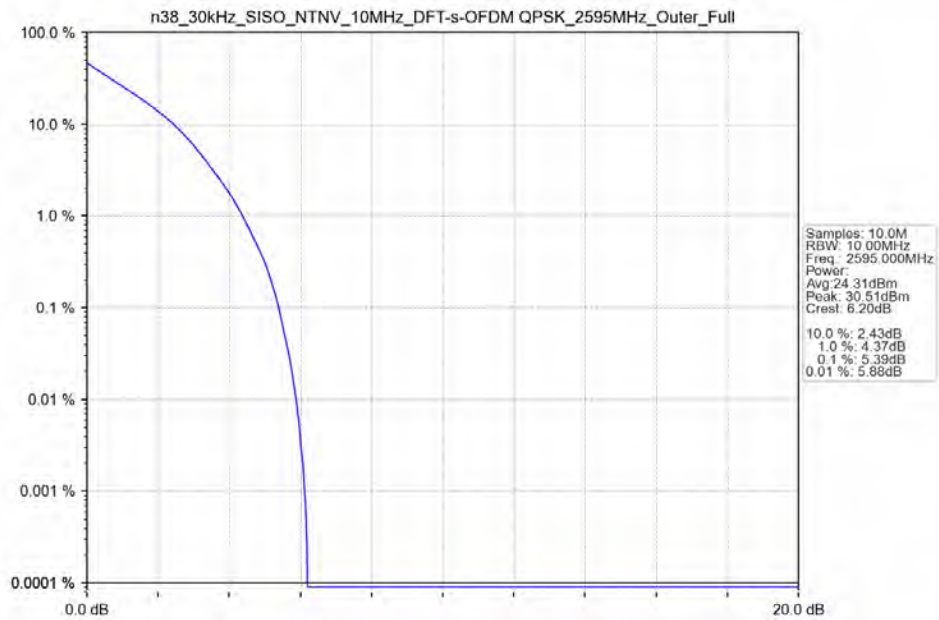
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Outer_Full_Ant41



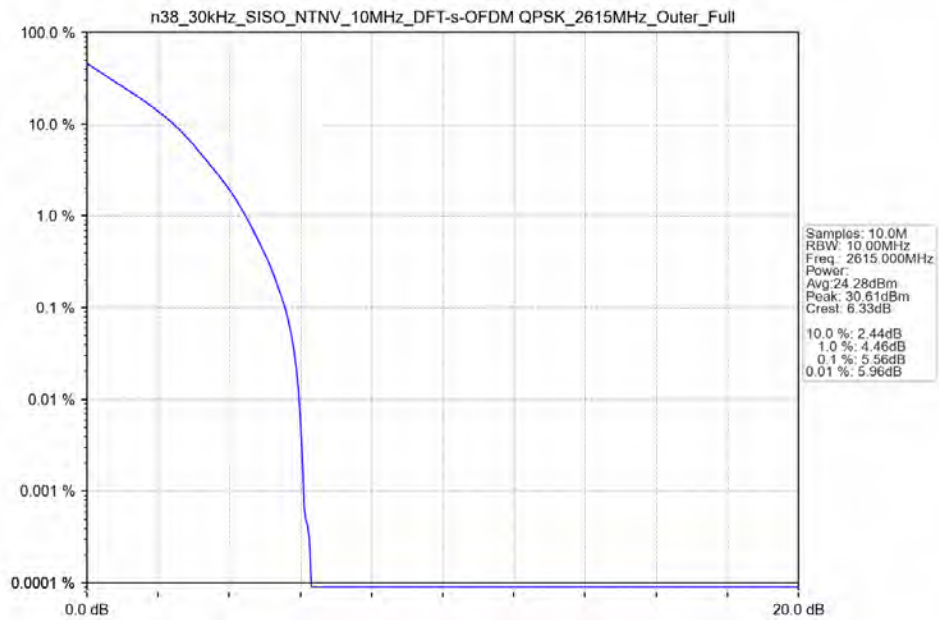
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Outer_Full_Ant41



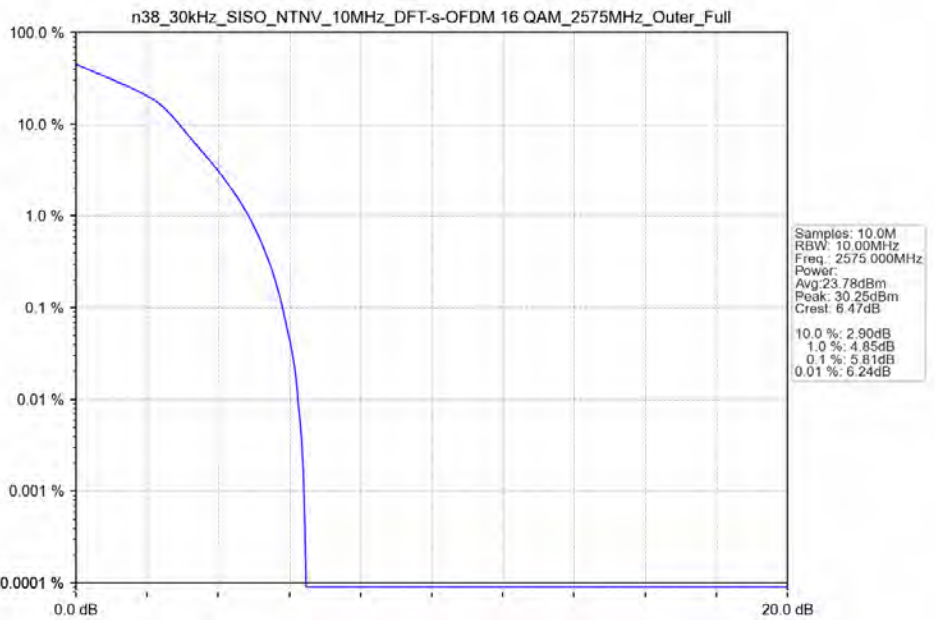
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Outer_Full_Ant41



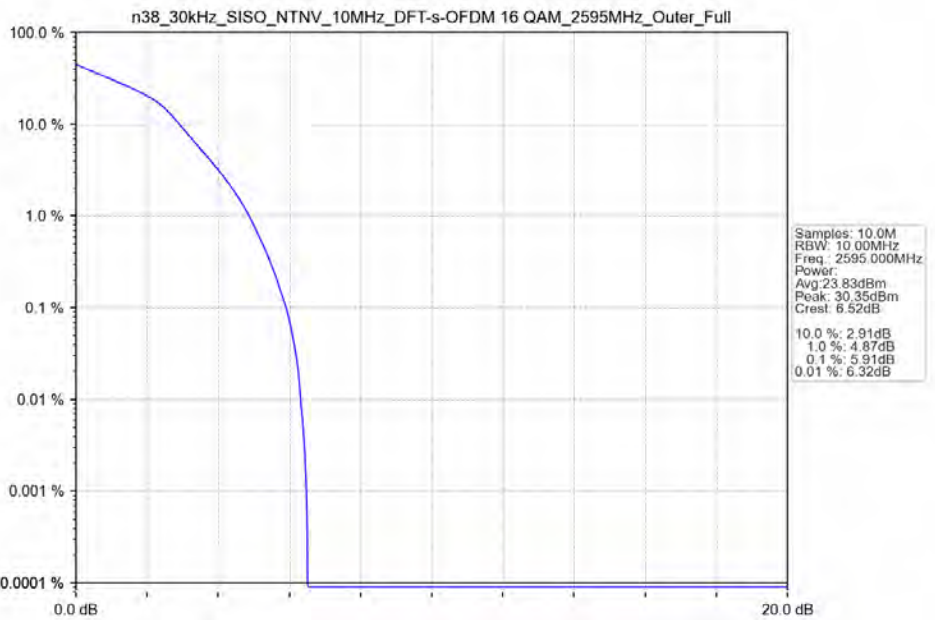
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Outer_Full_Ant41



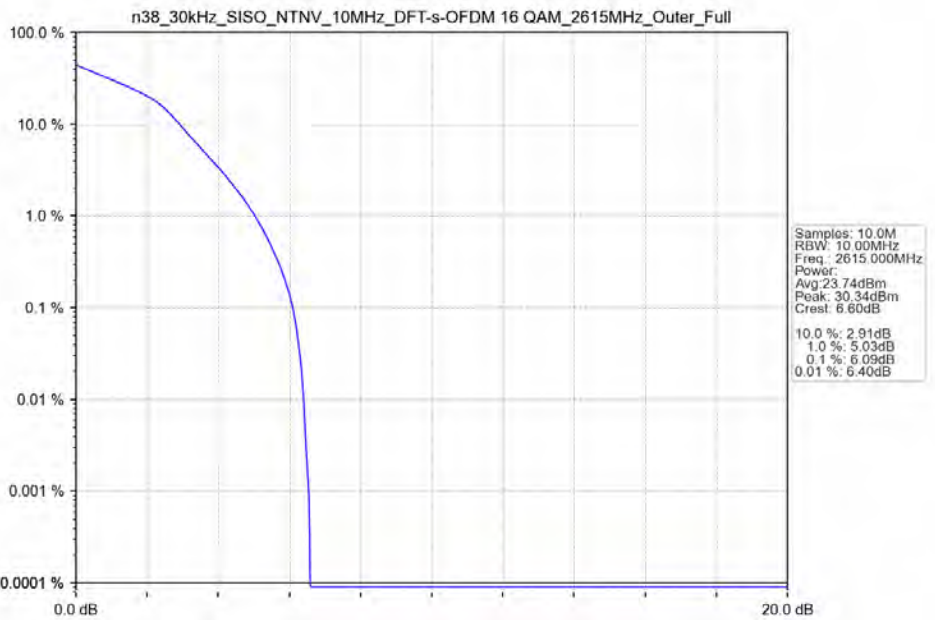
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2575MHz_Outer_Full_Ant41



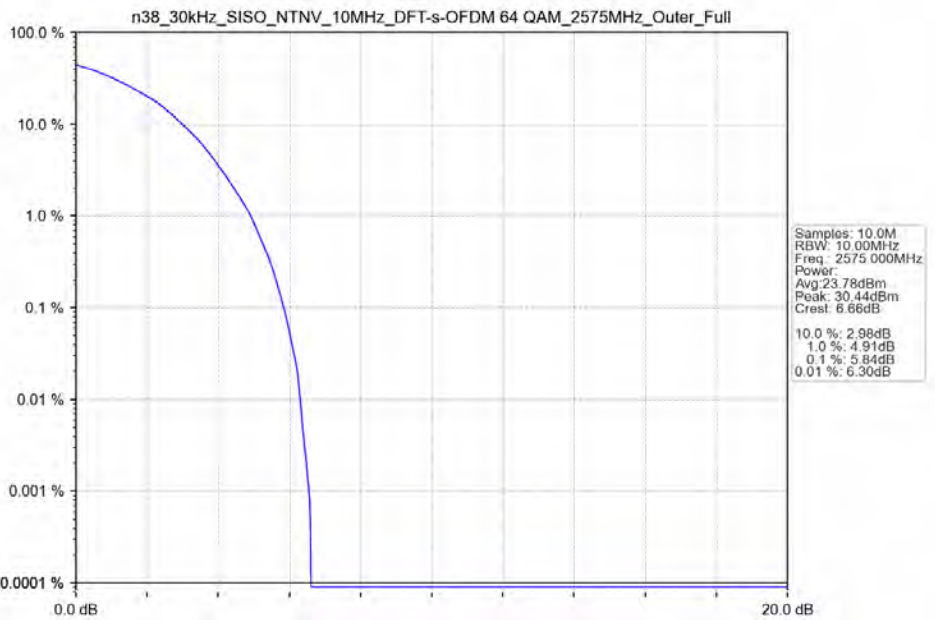
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2595MHz_Outer_Full_Ant41



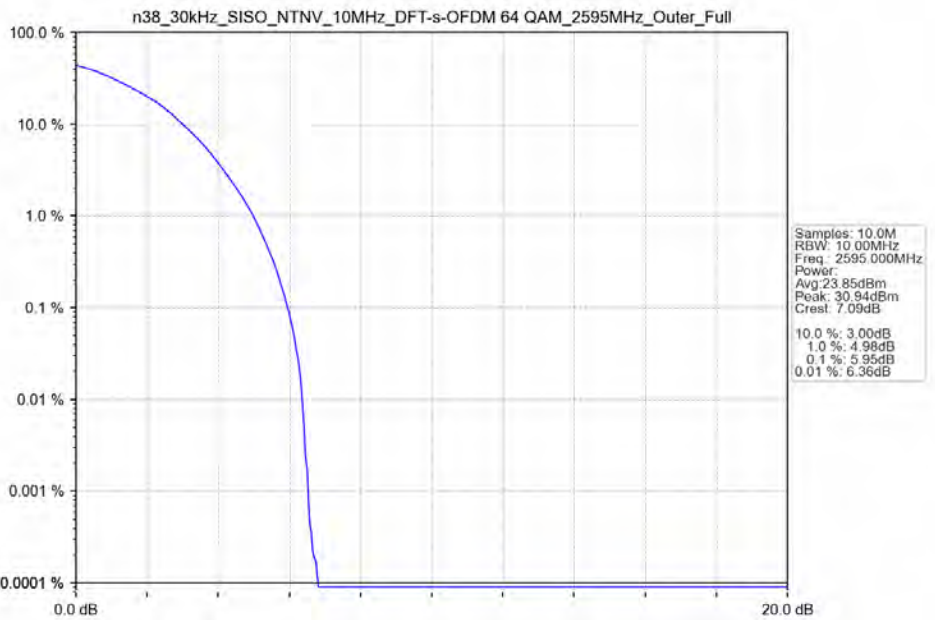
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_2615MHz_Outer_Full_Ant41



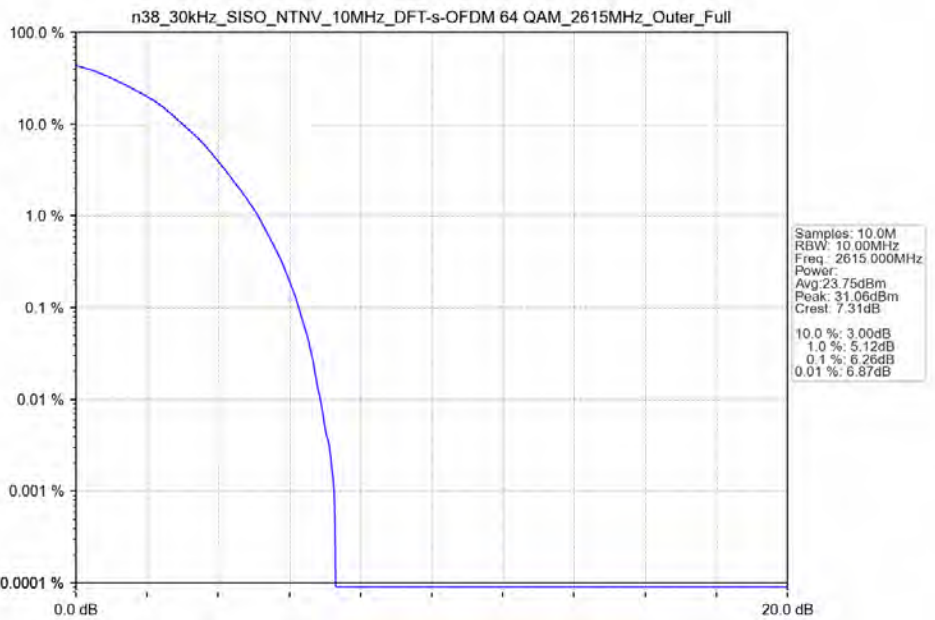
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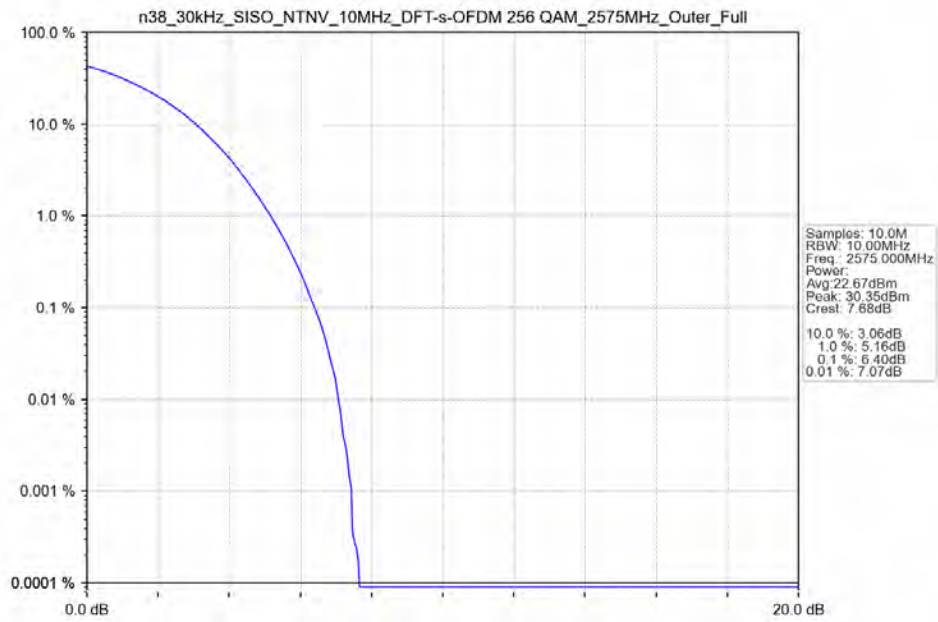
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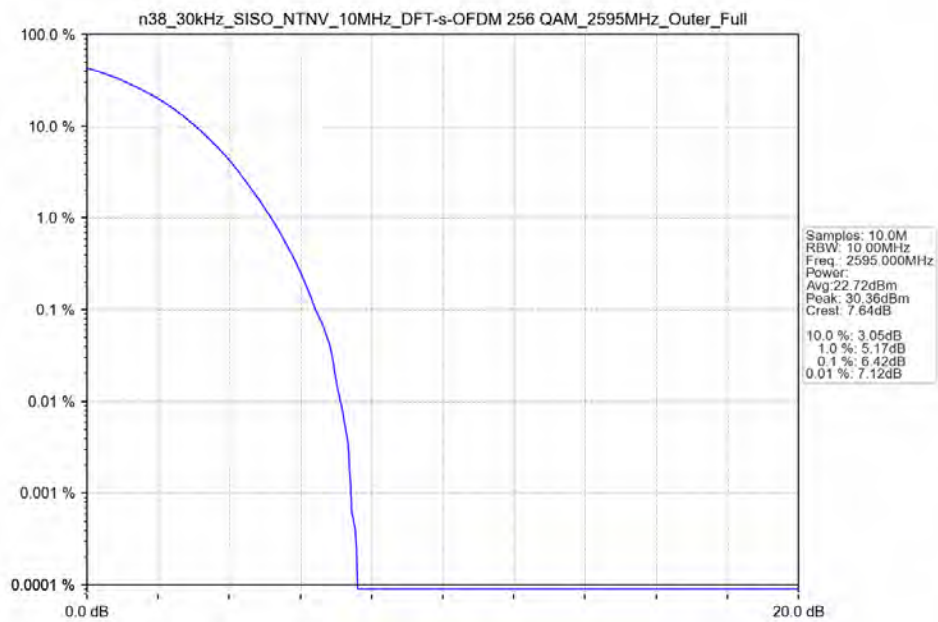
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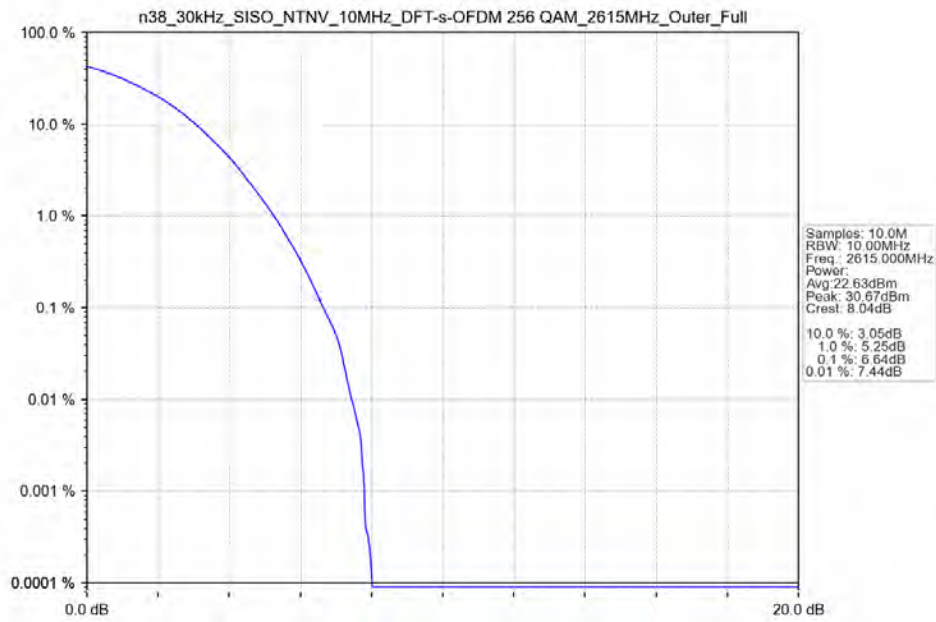
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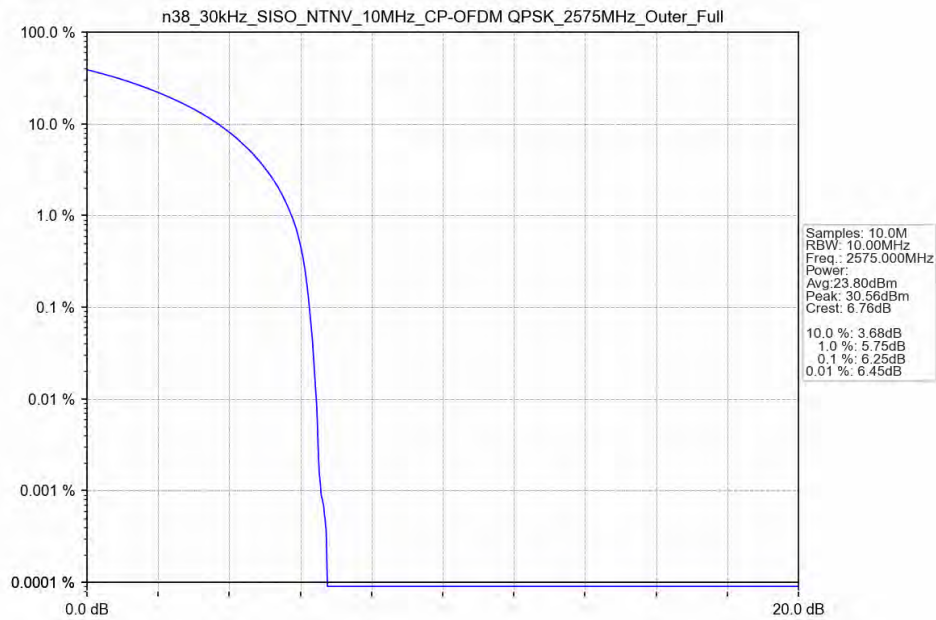
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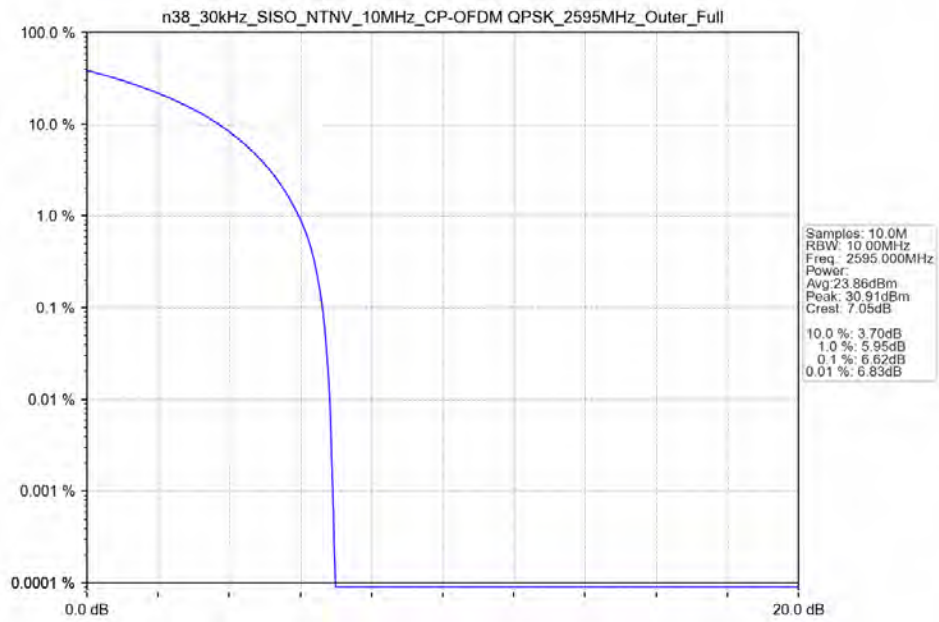
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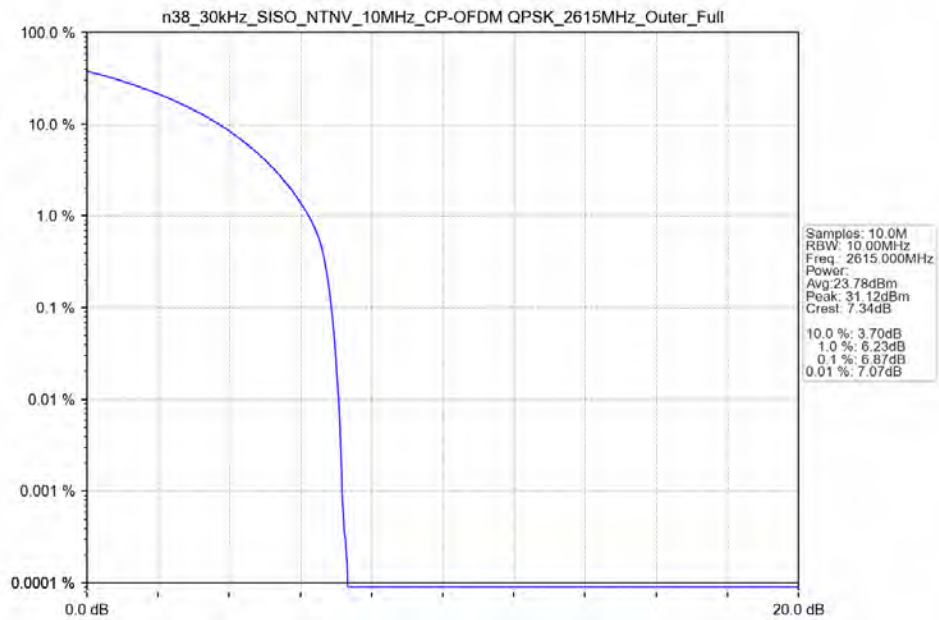
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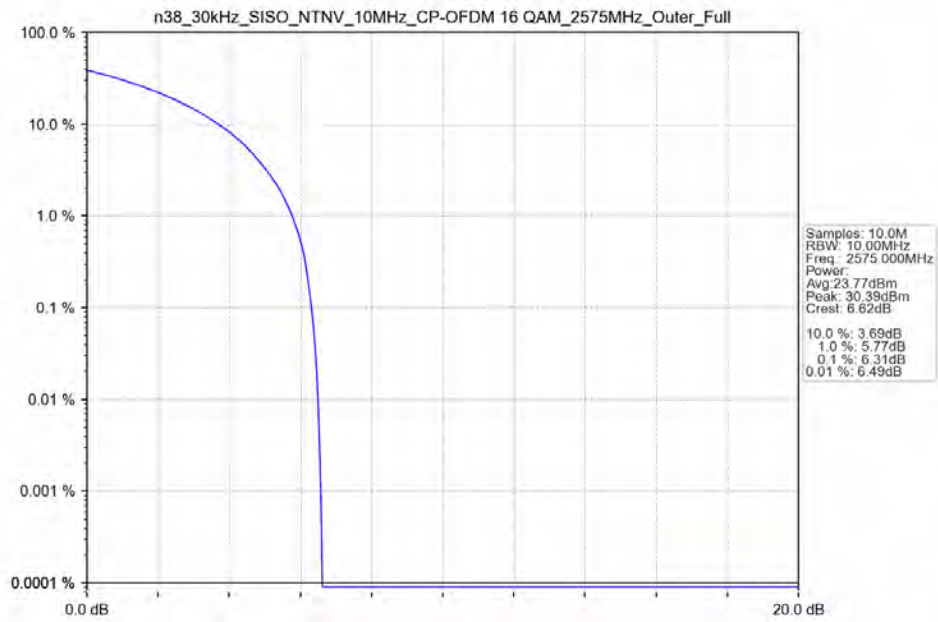
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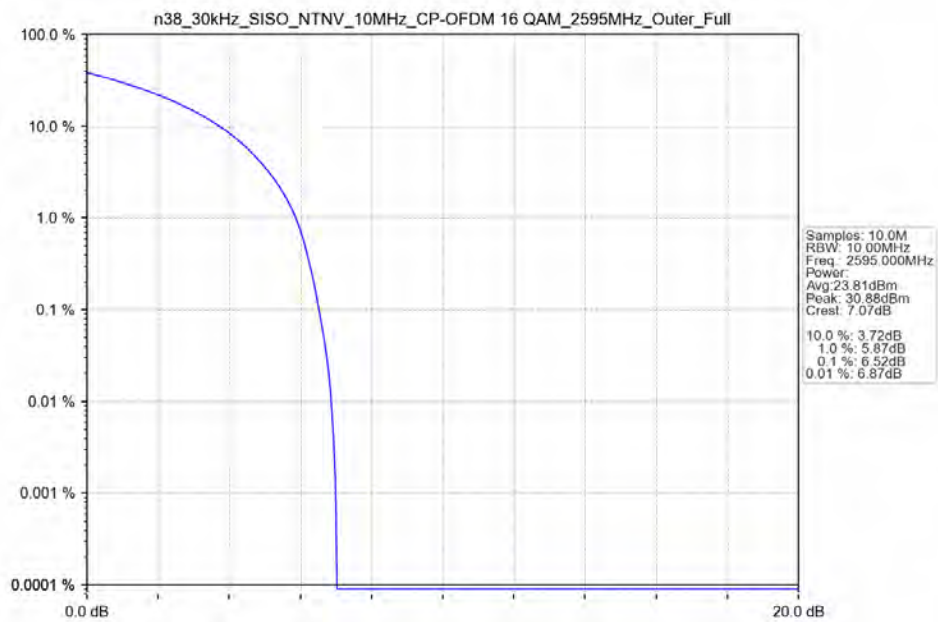
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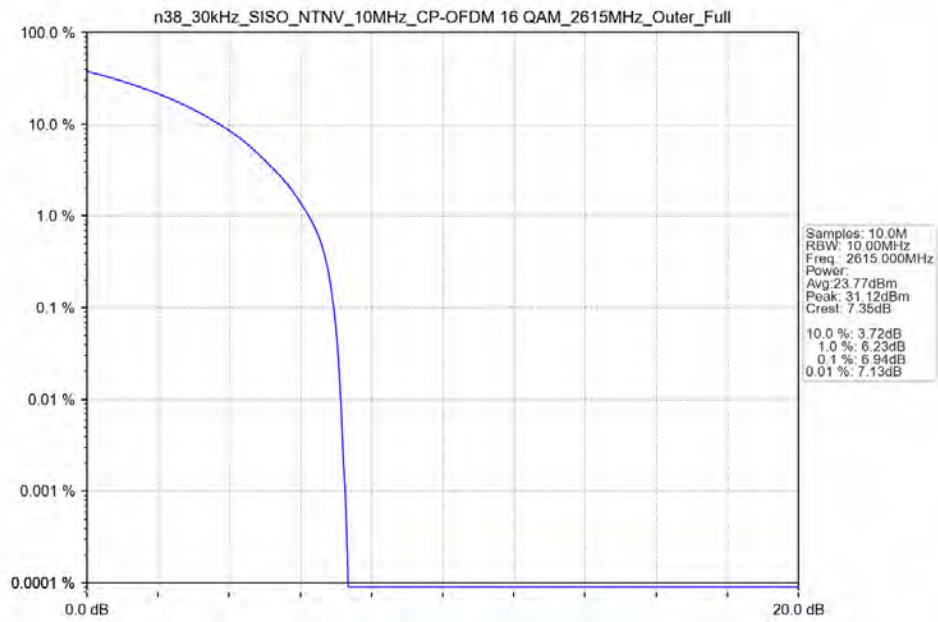
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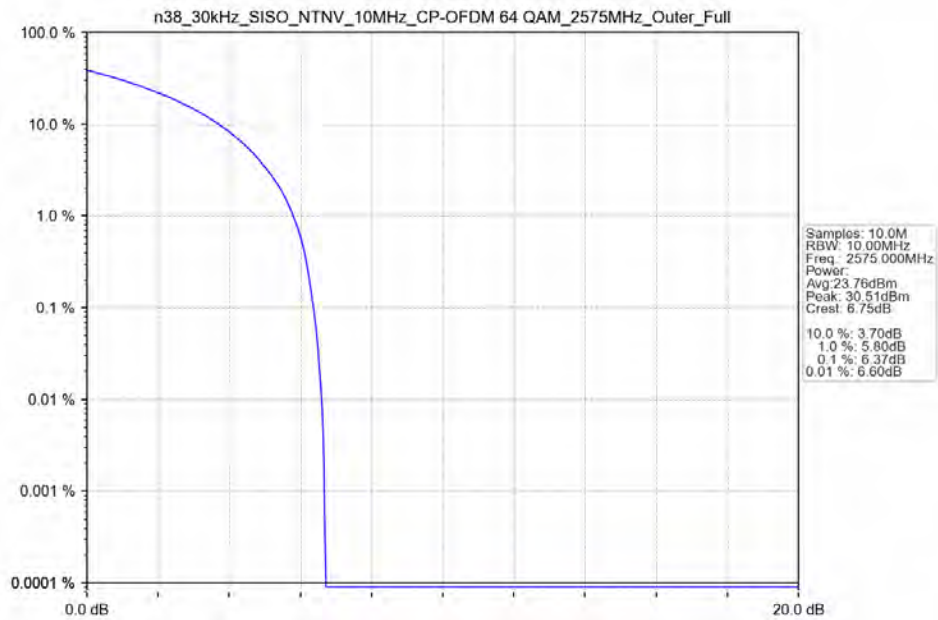
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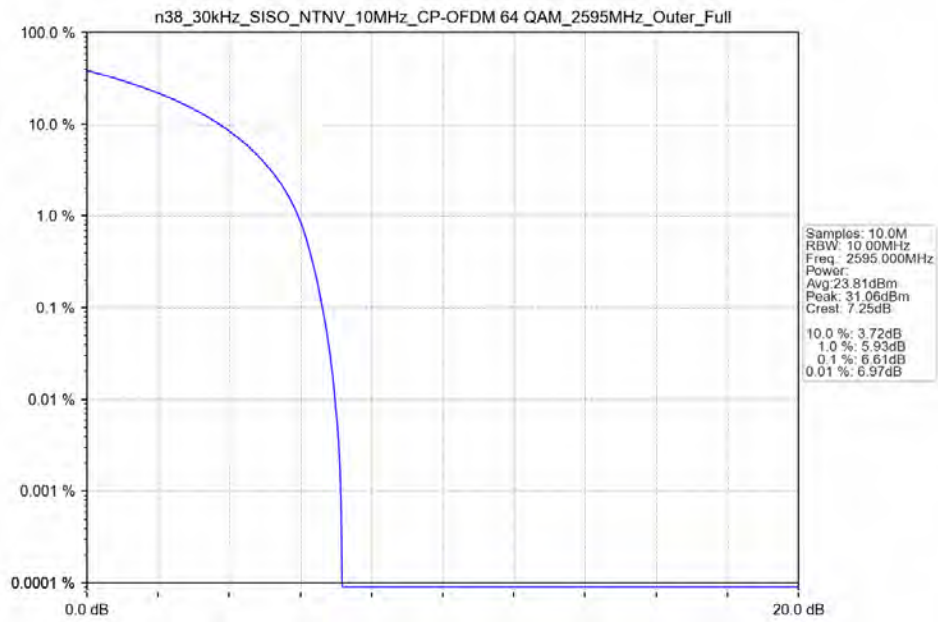
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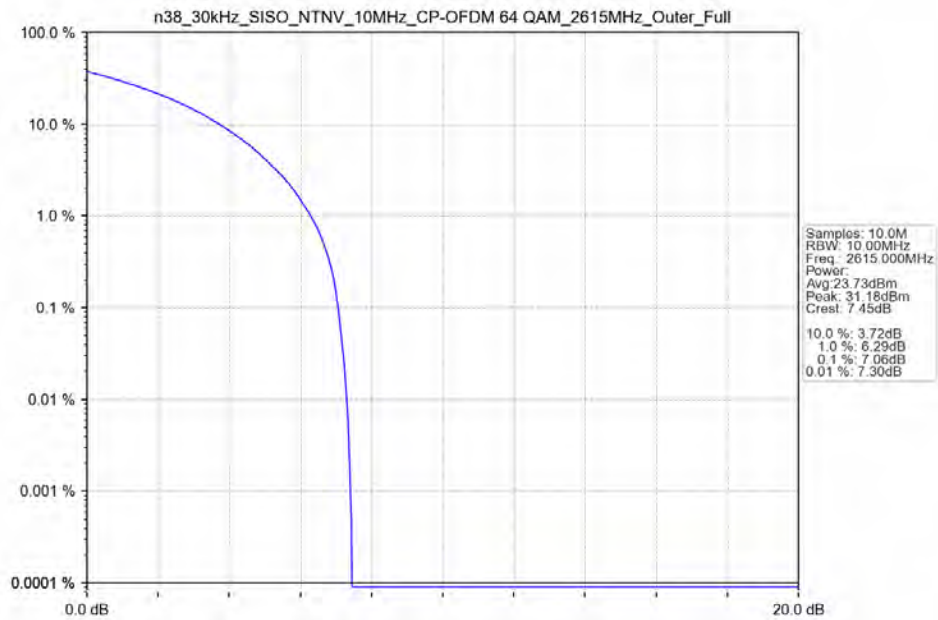
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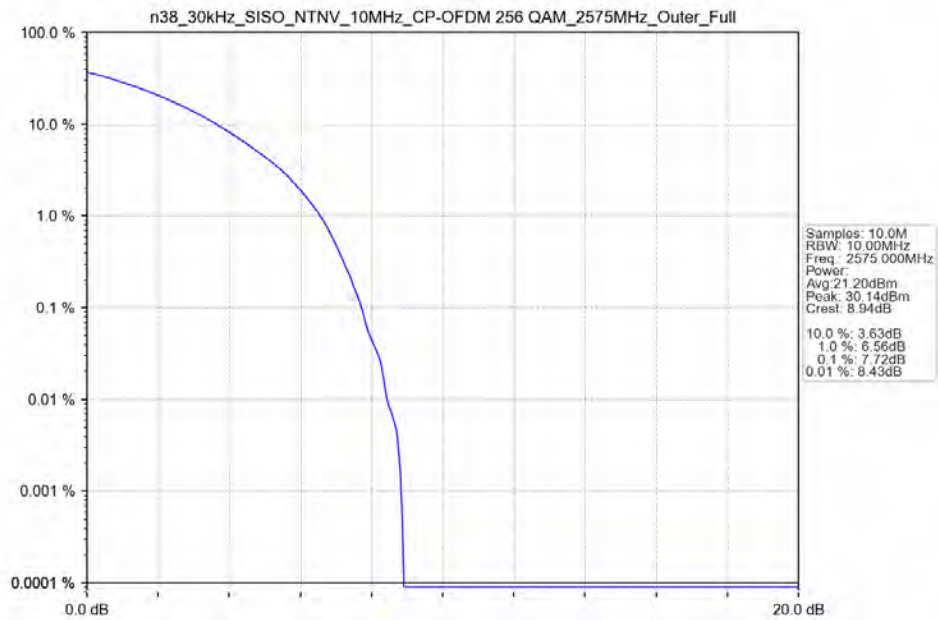
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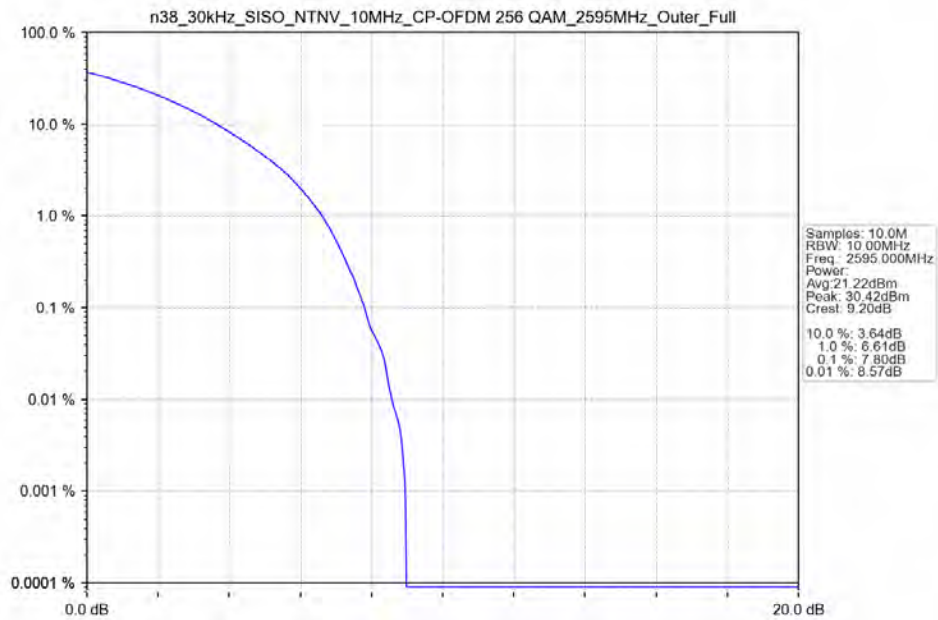
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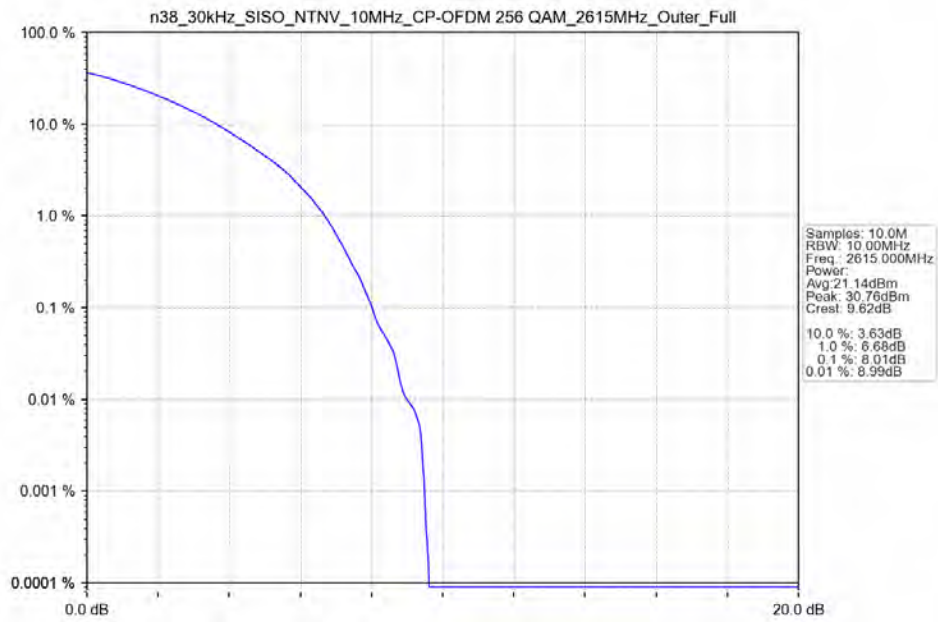
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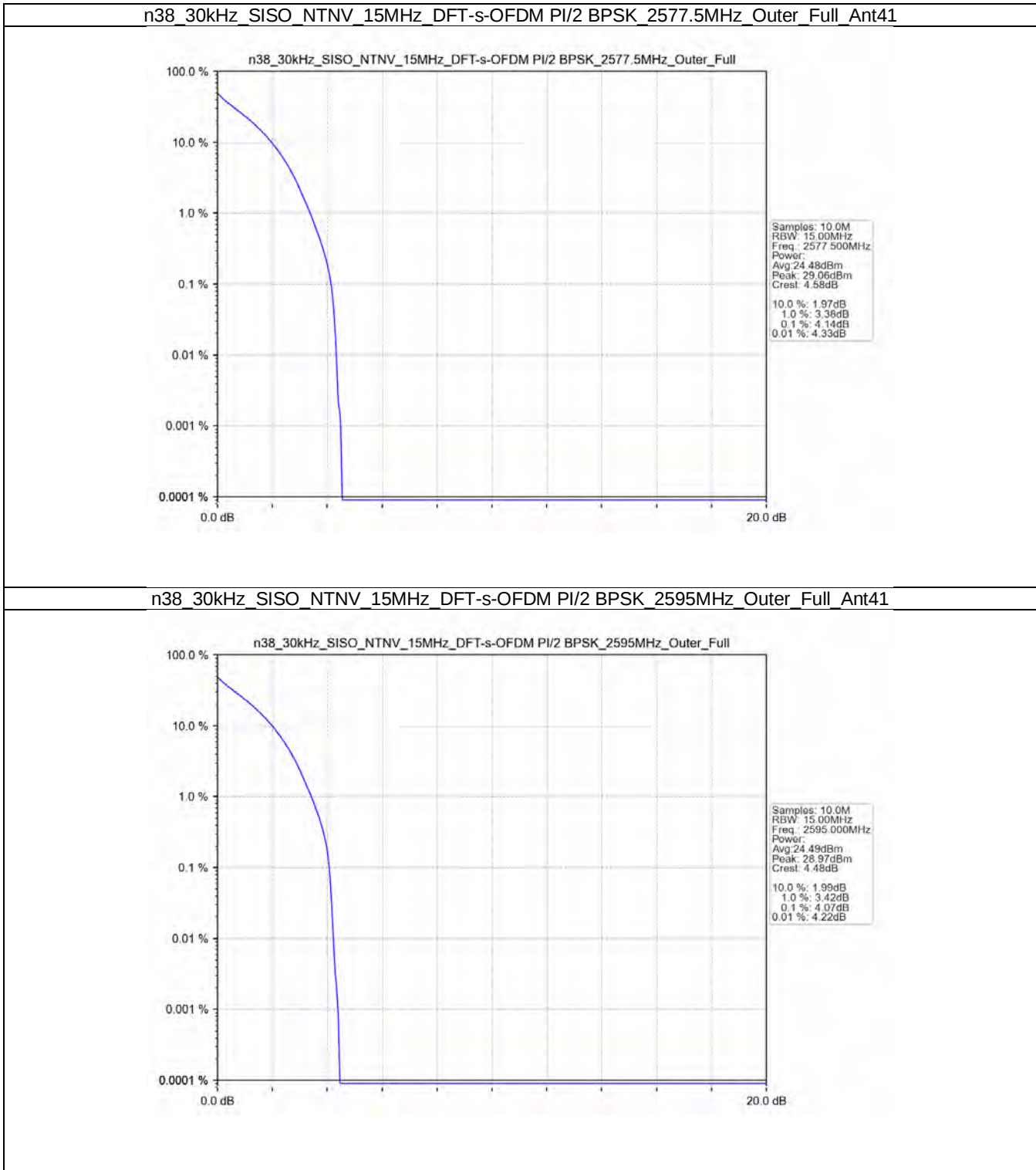
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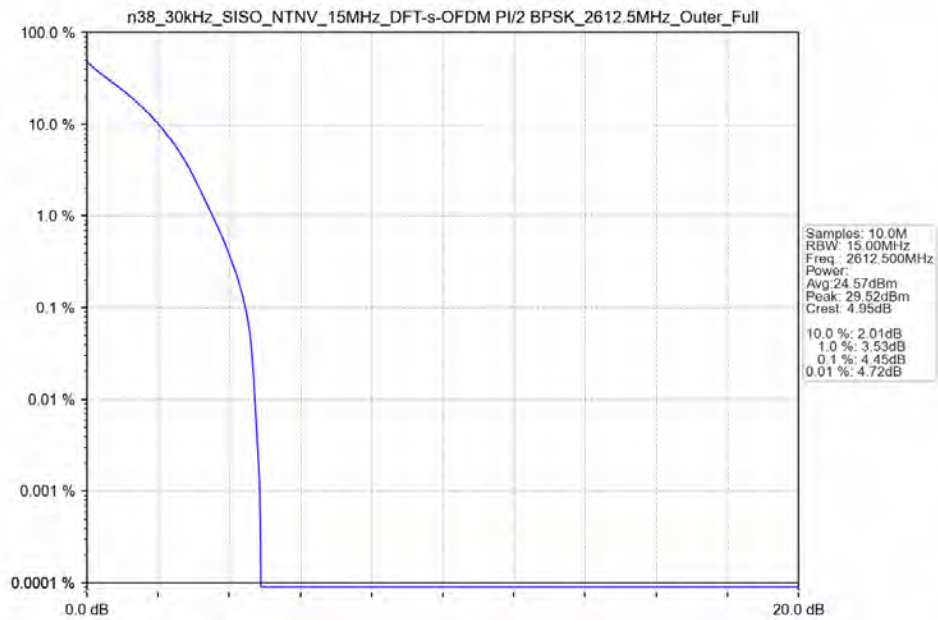
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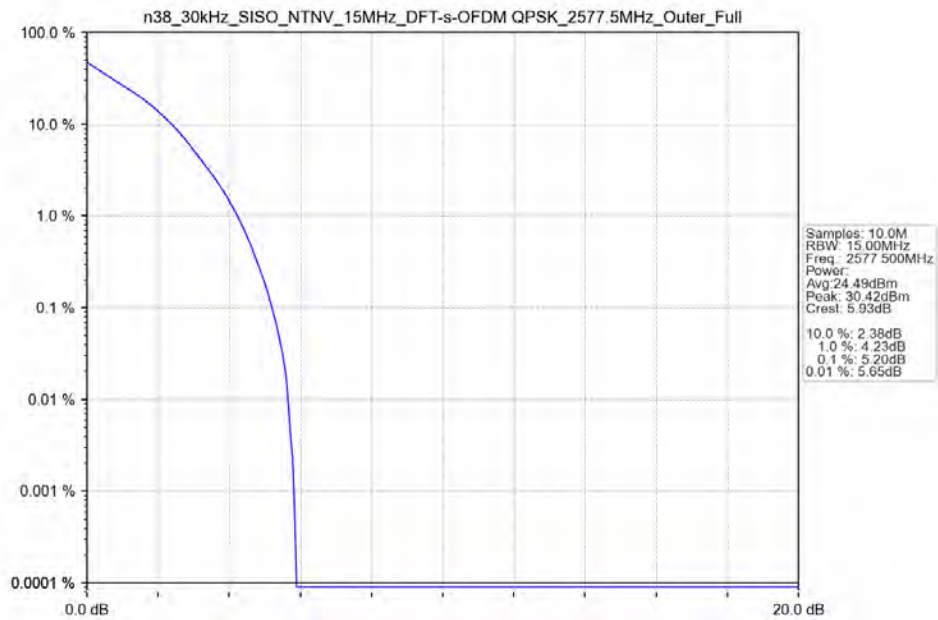
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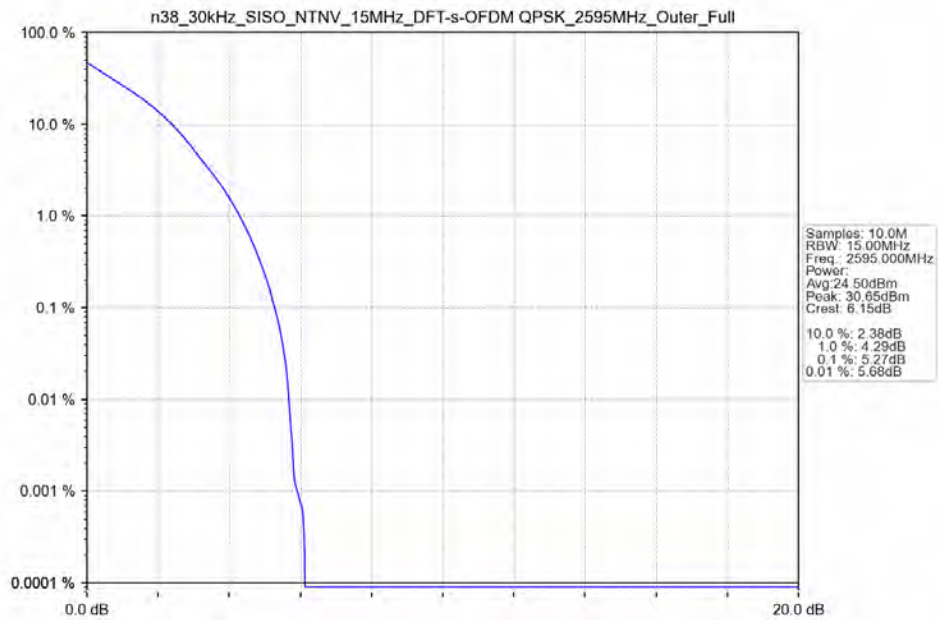
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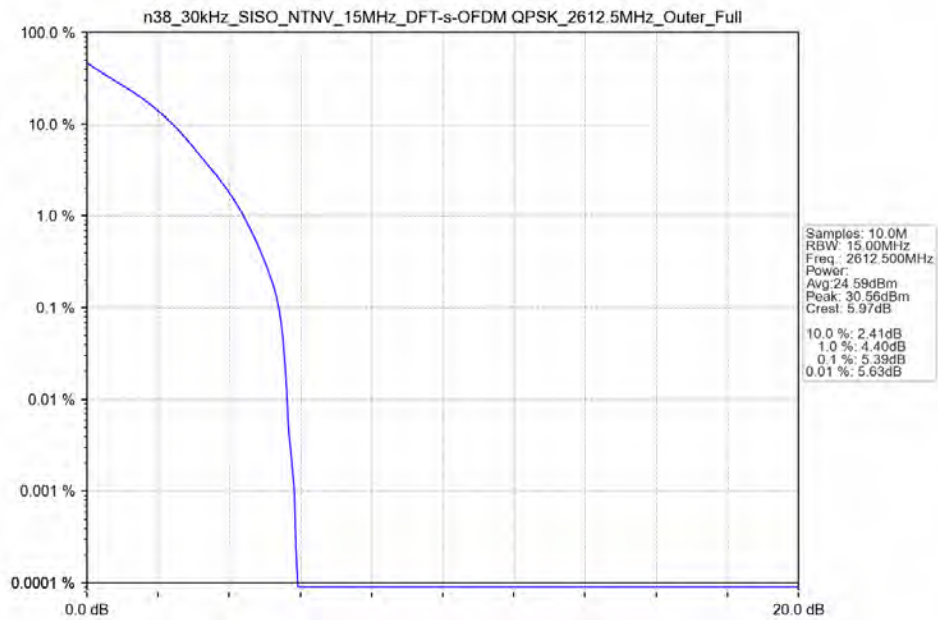
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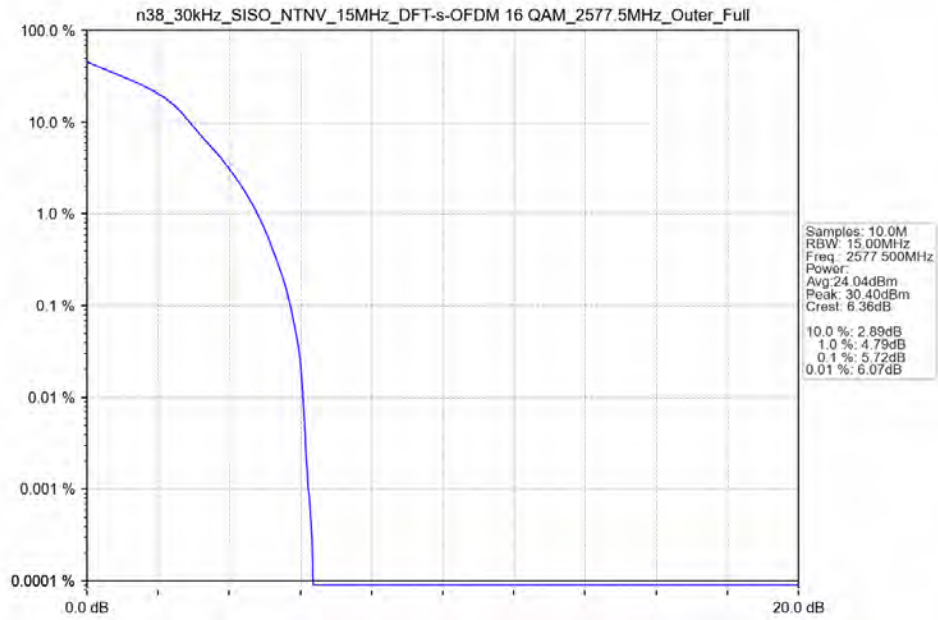
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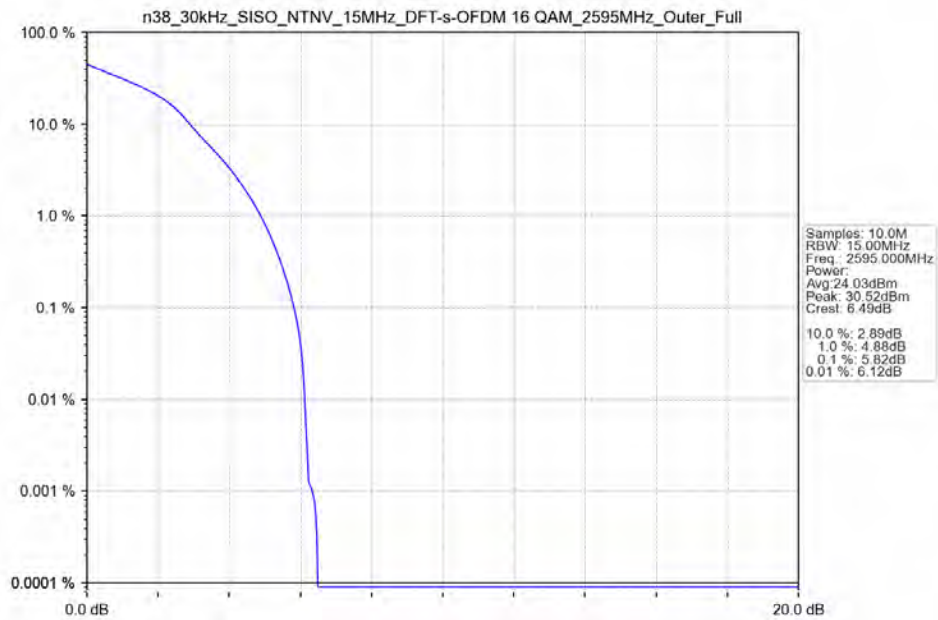
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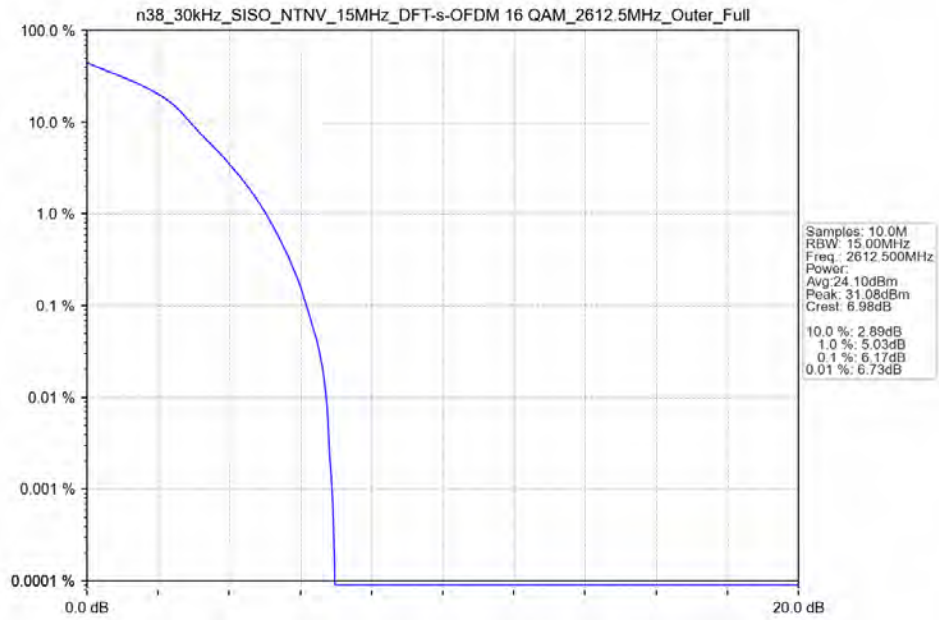
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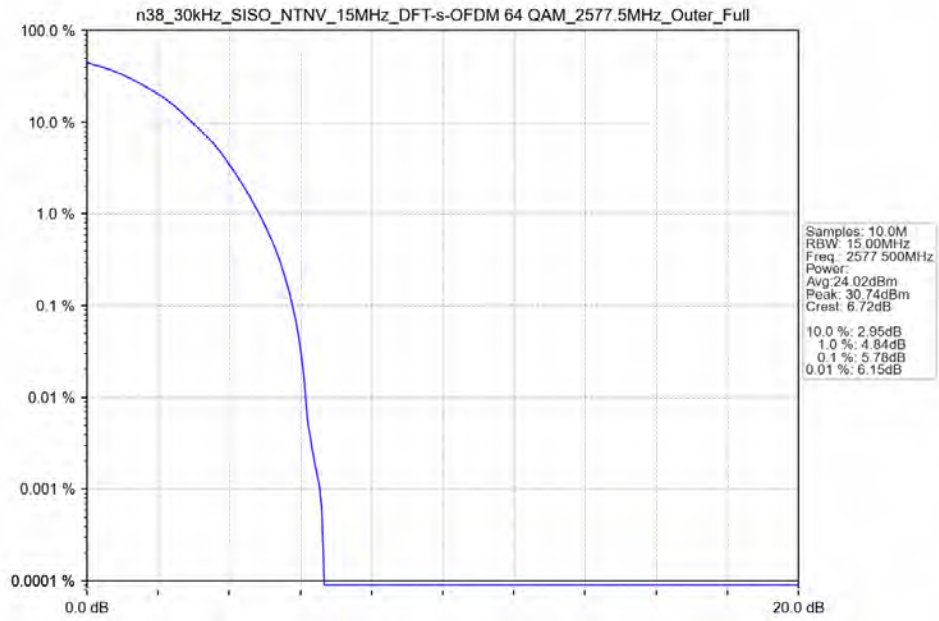
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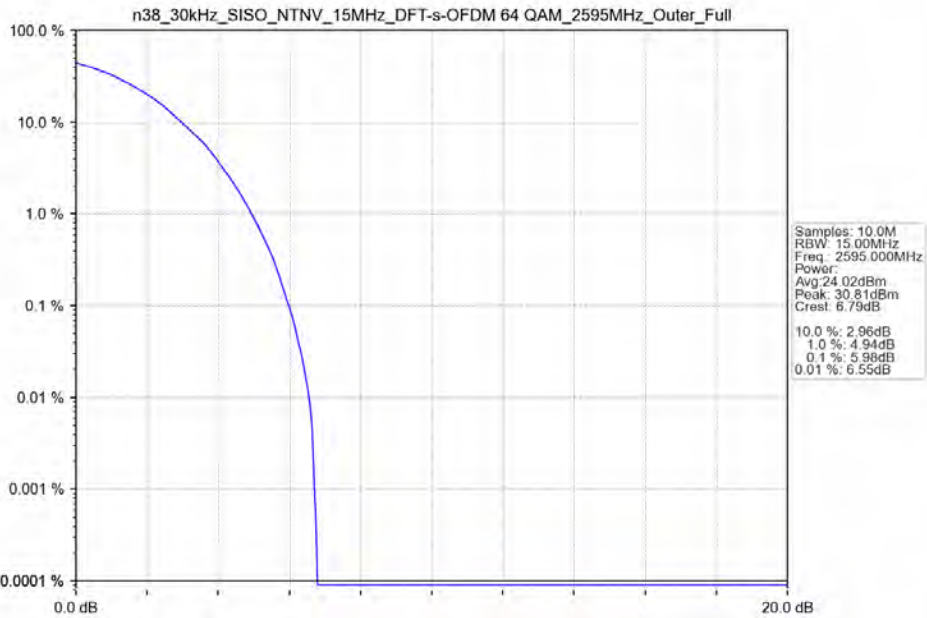
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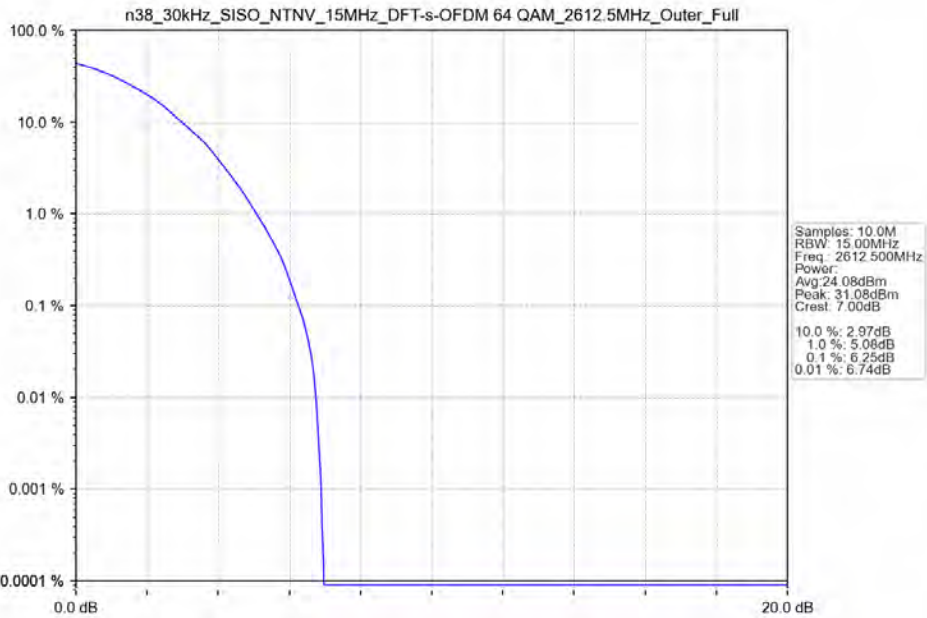
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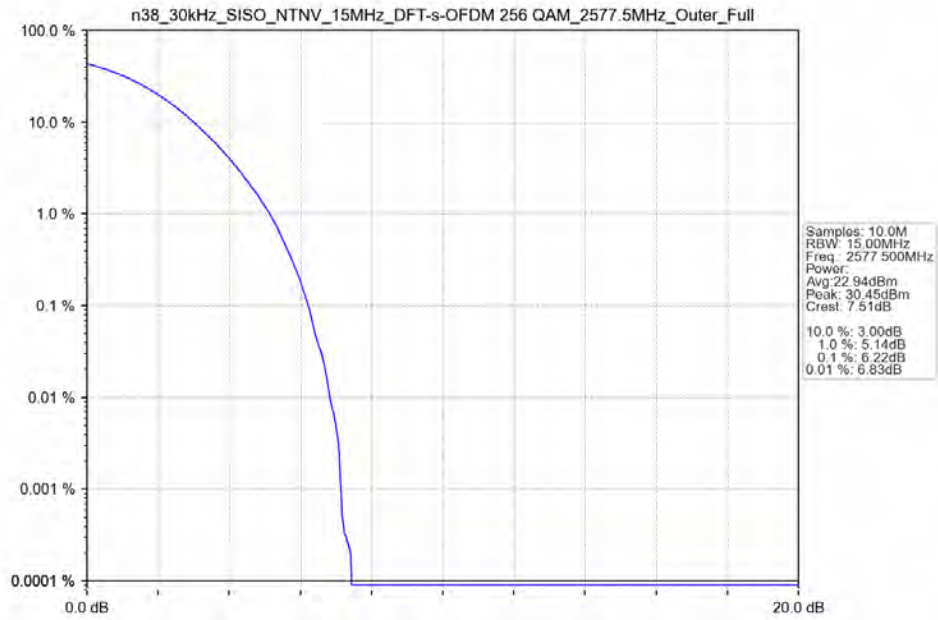
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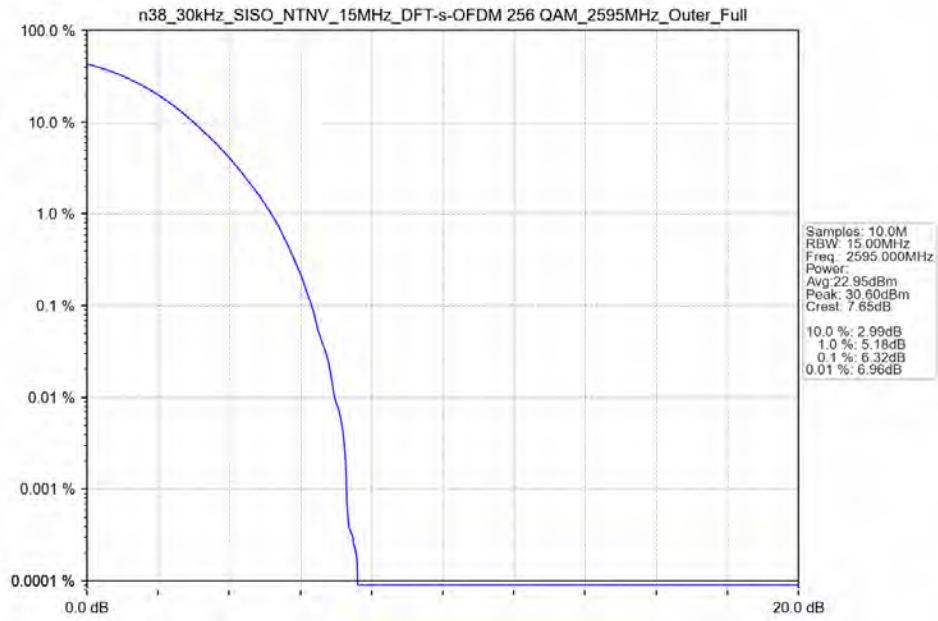
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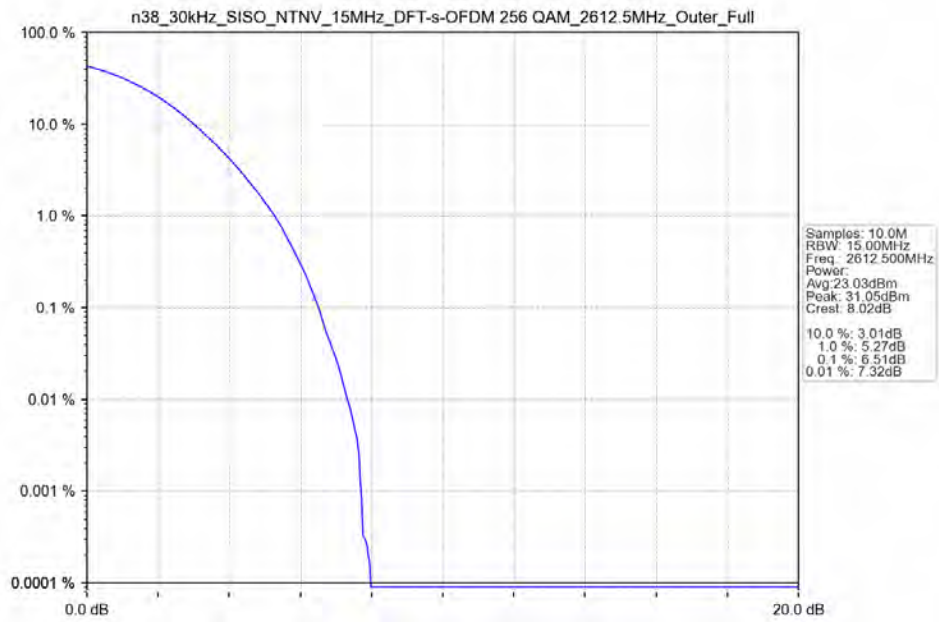
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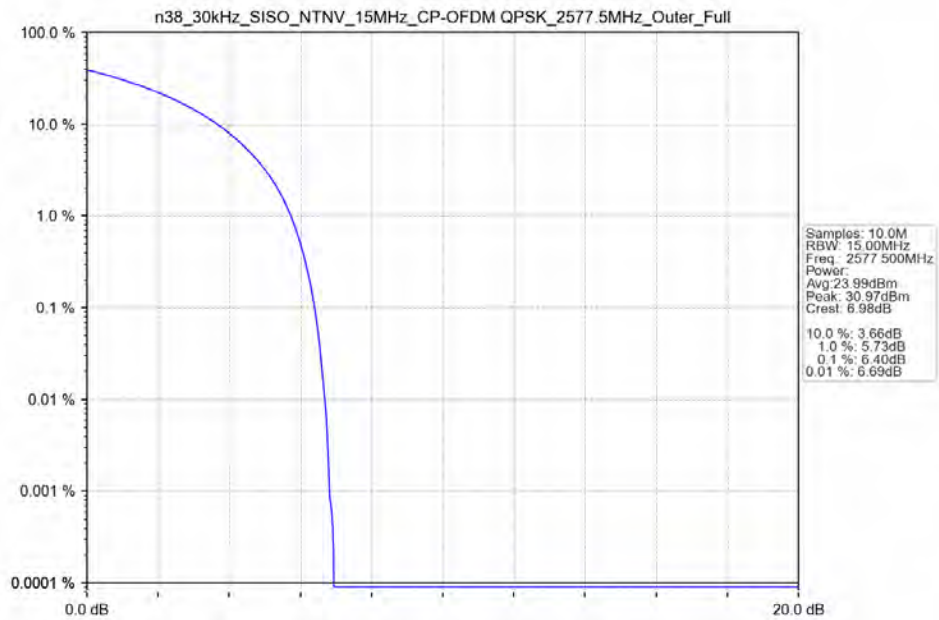
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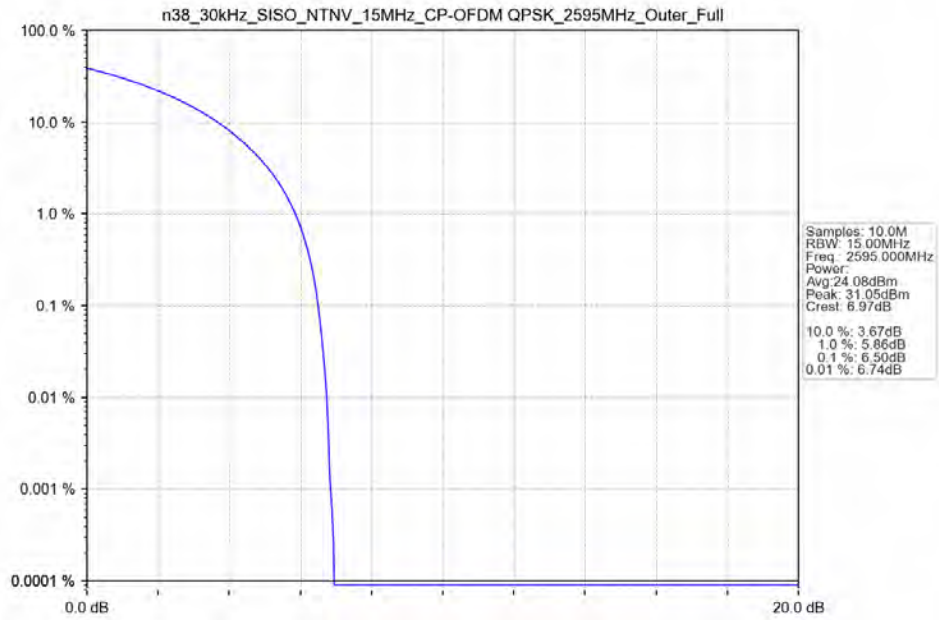
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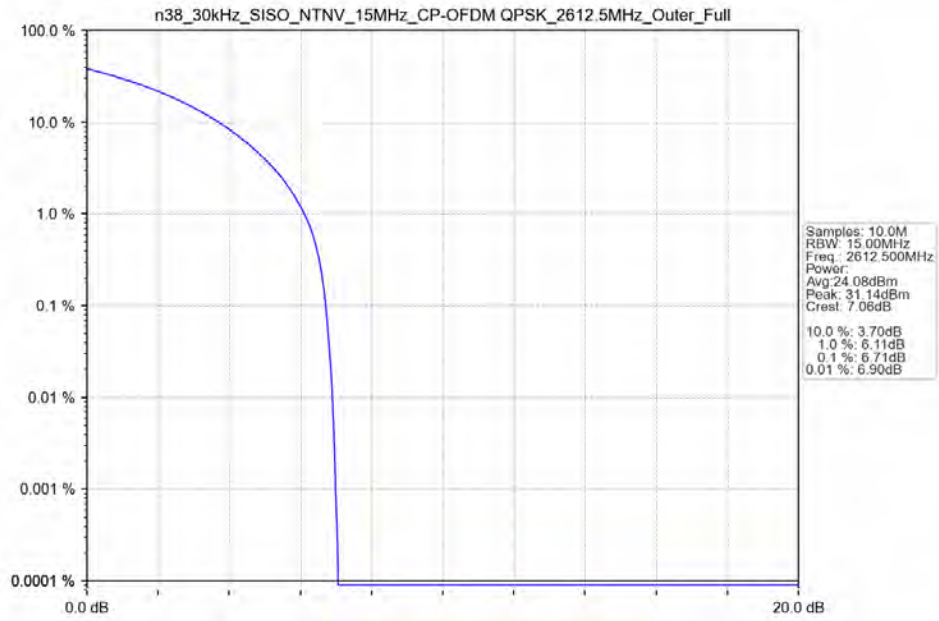
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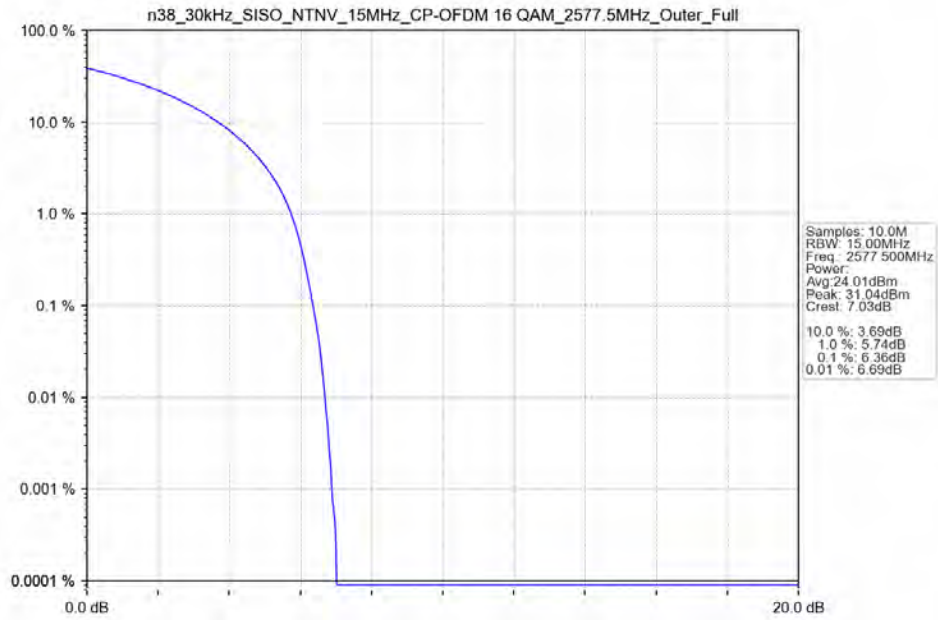
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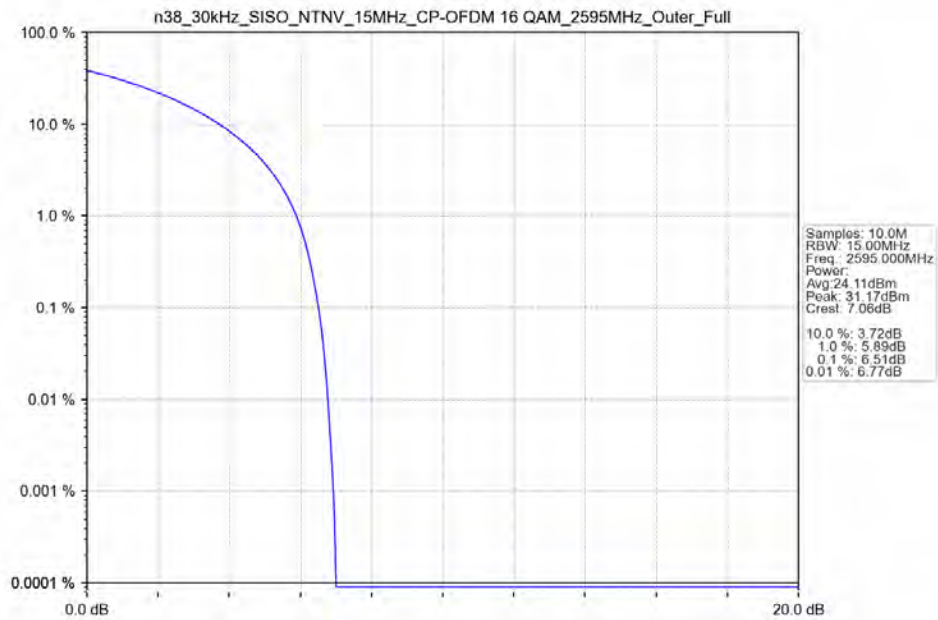
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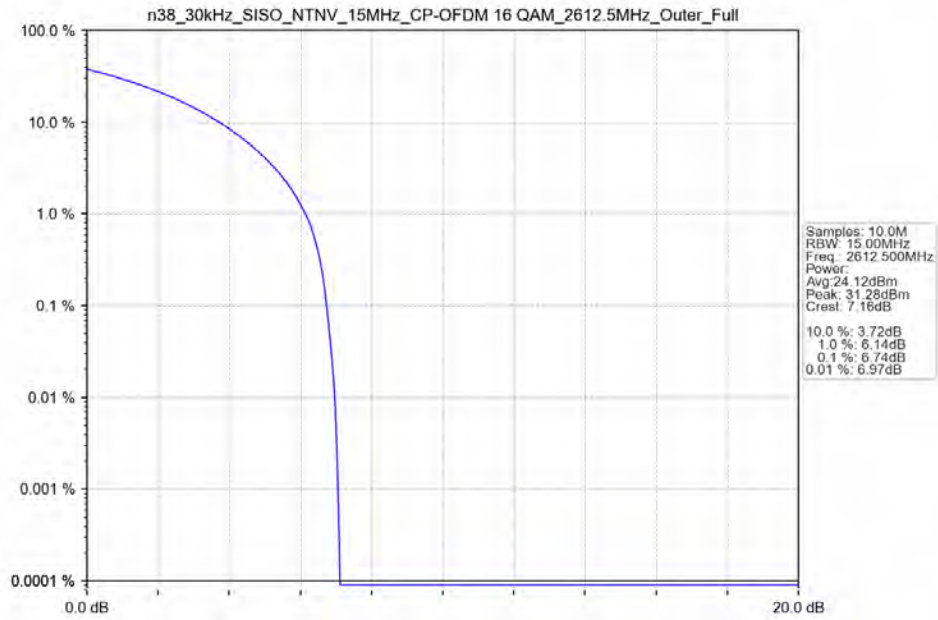
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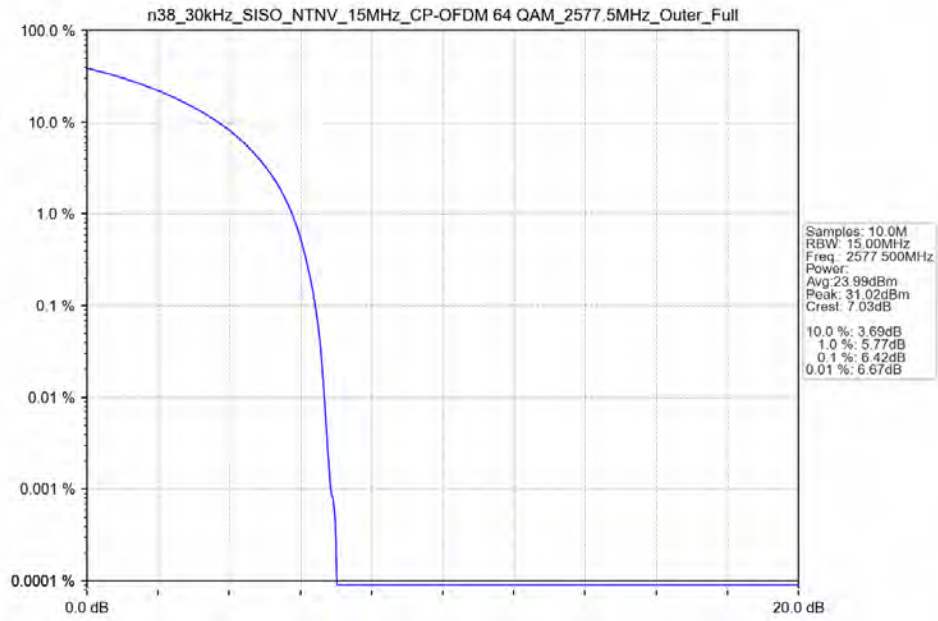
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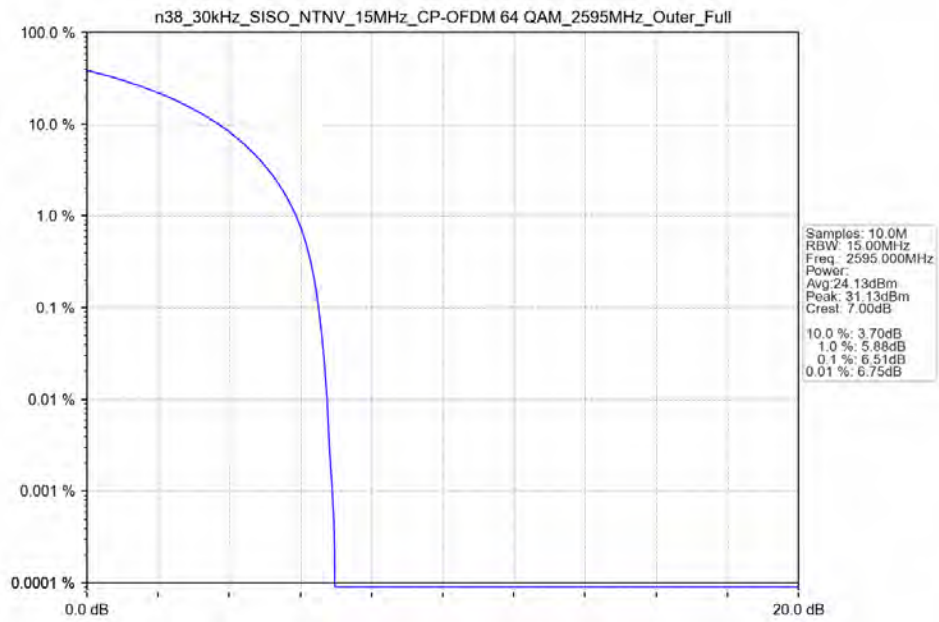
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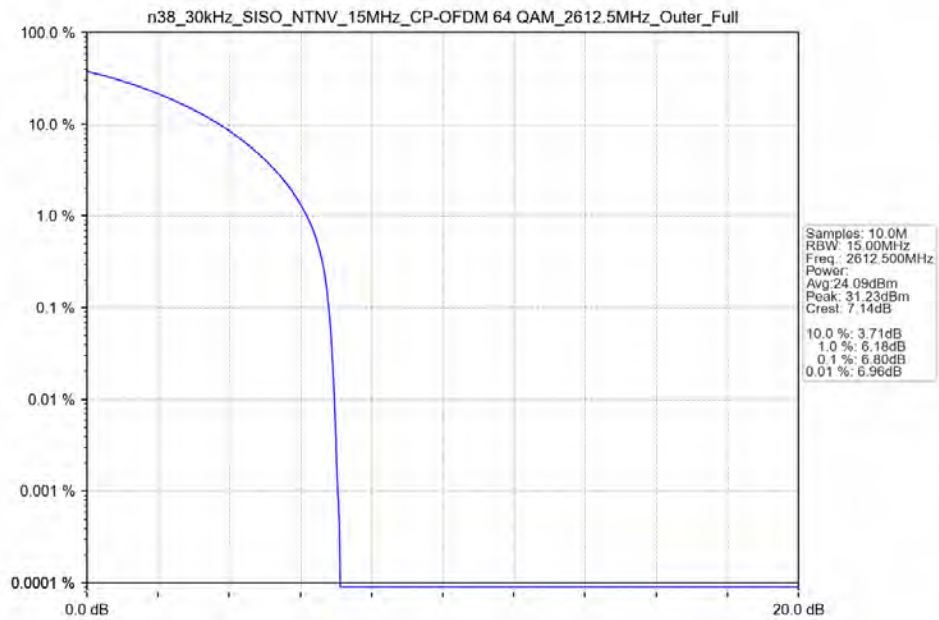
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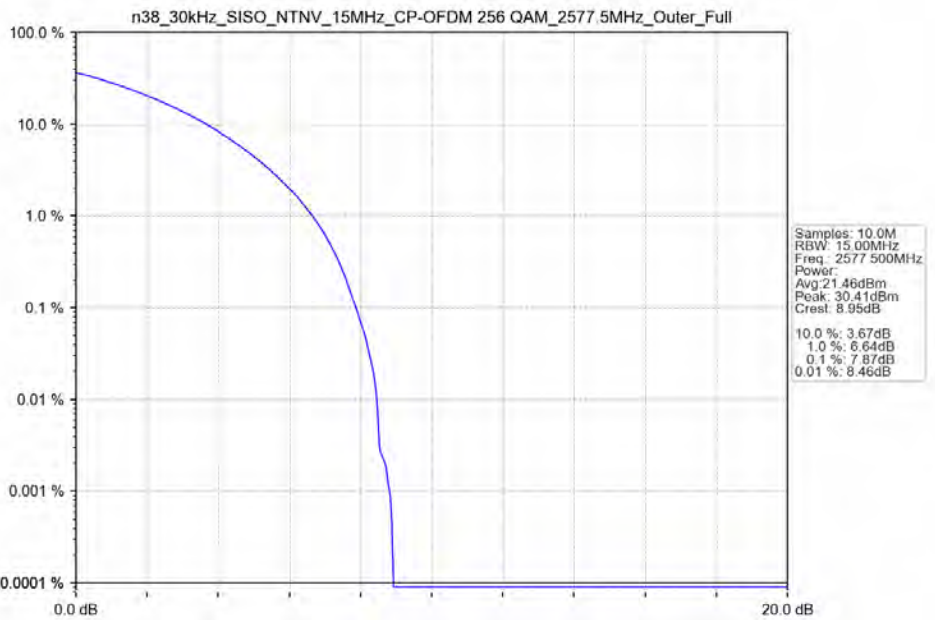
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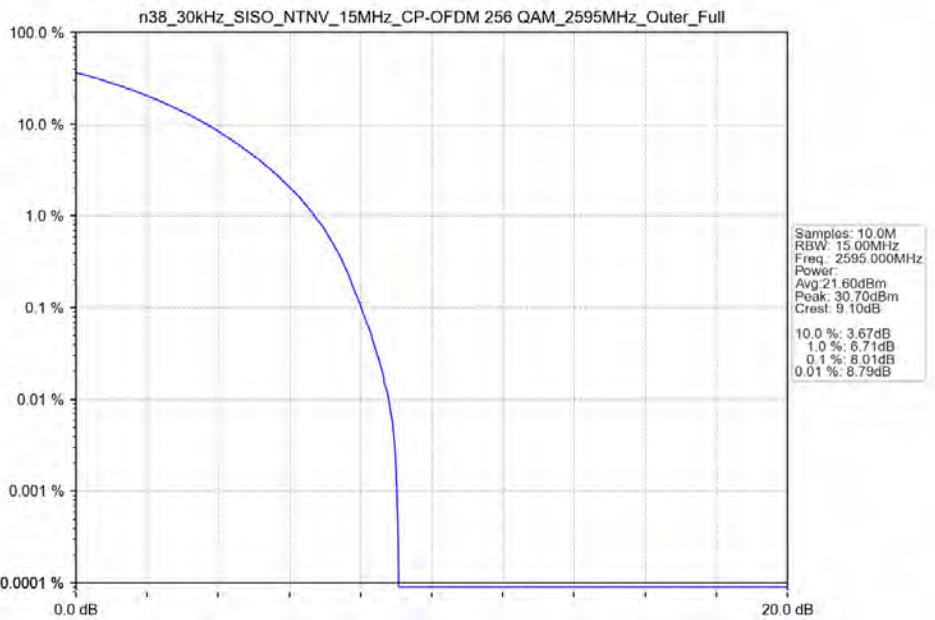
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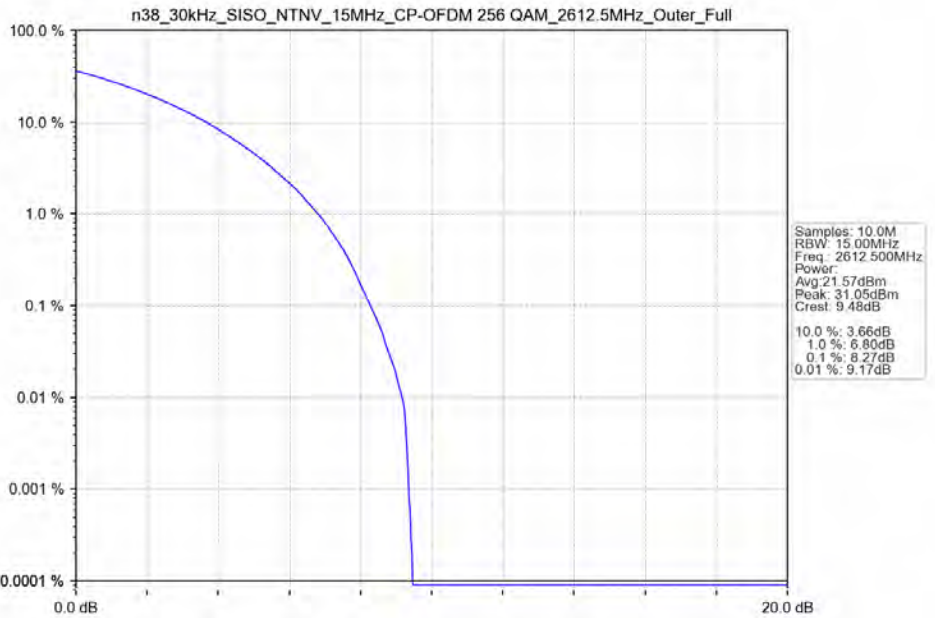


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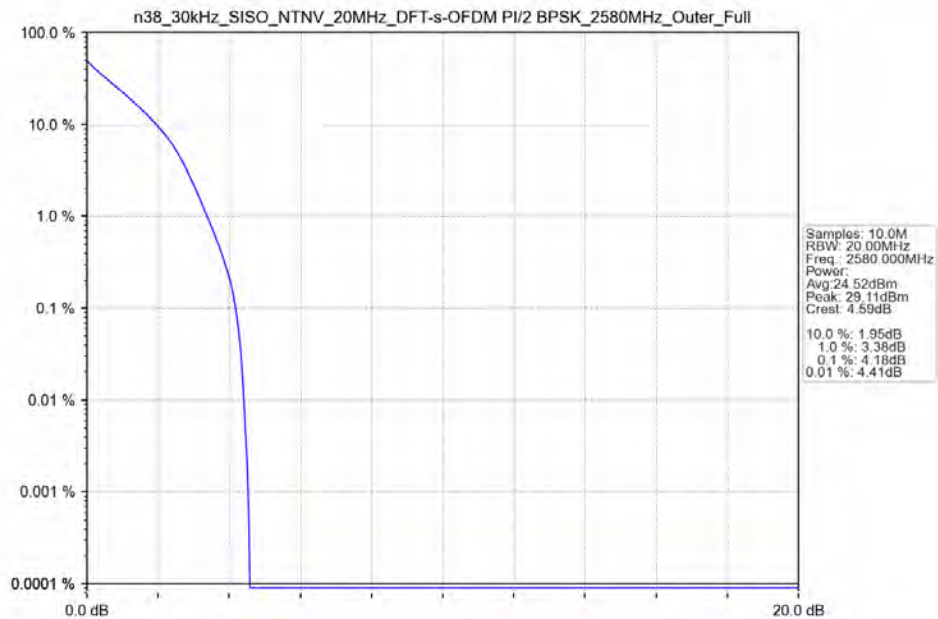
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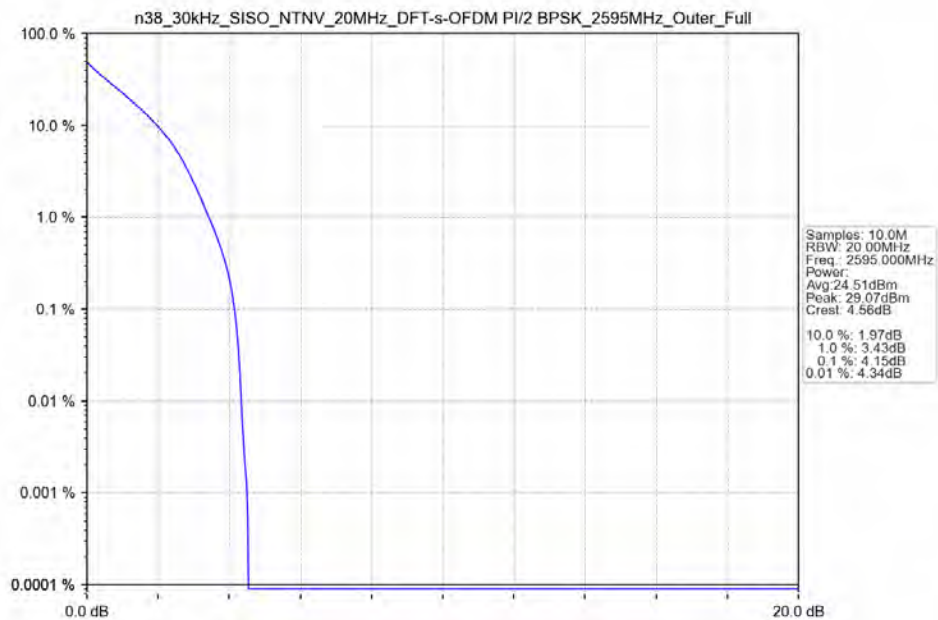


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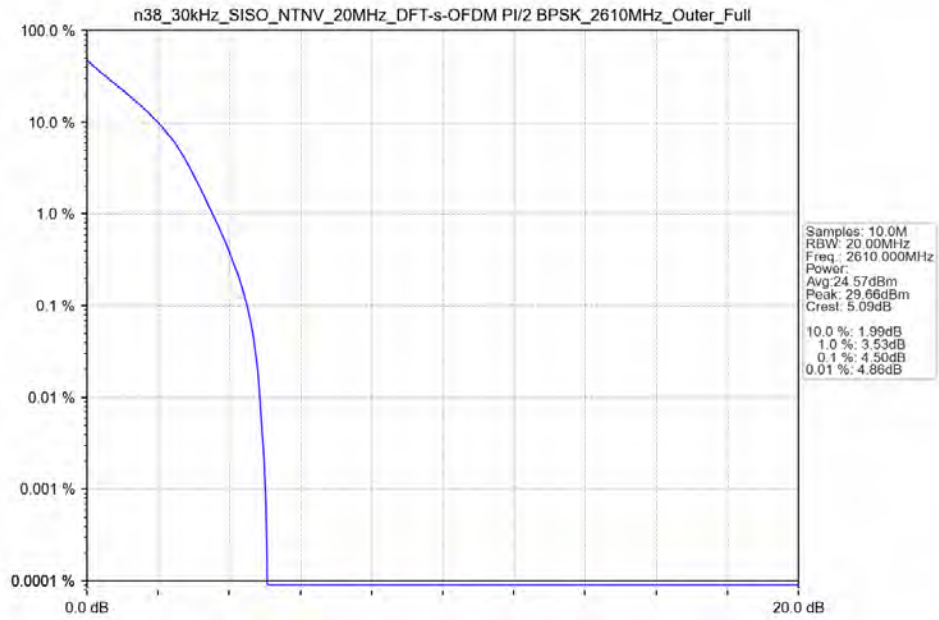
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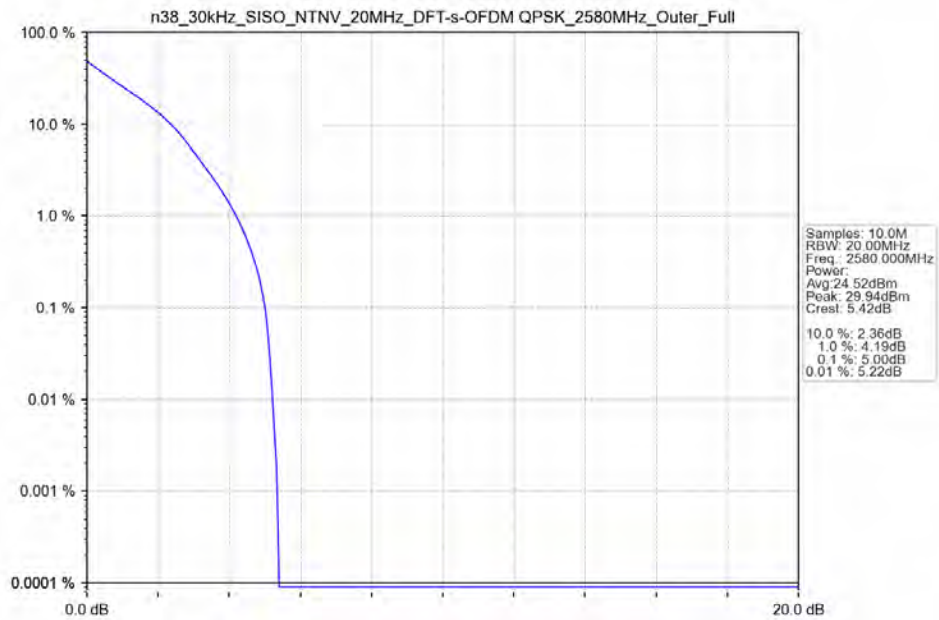
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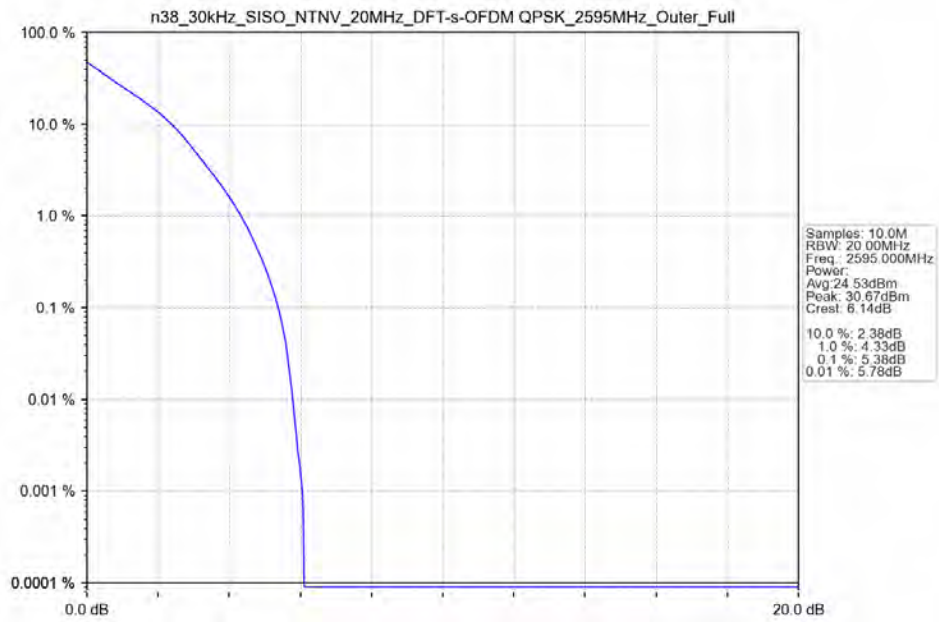
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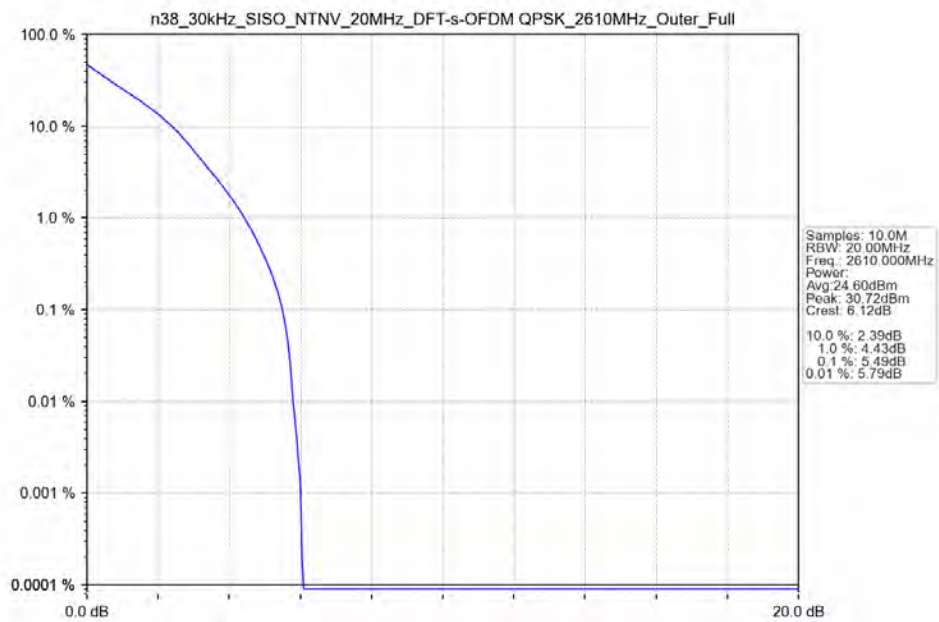
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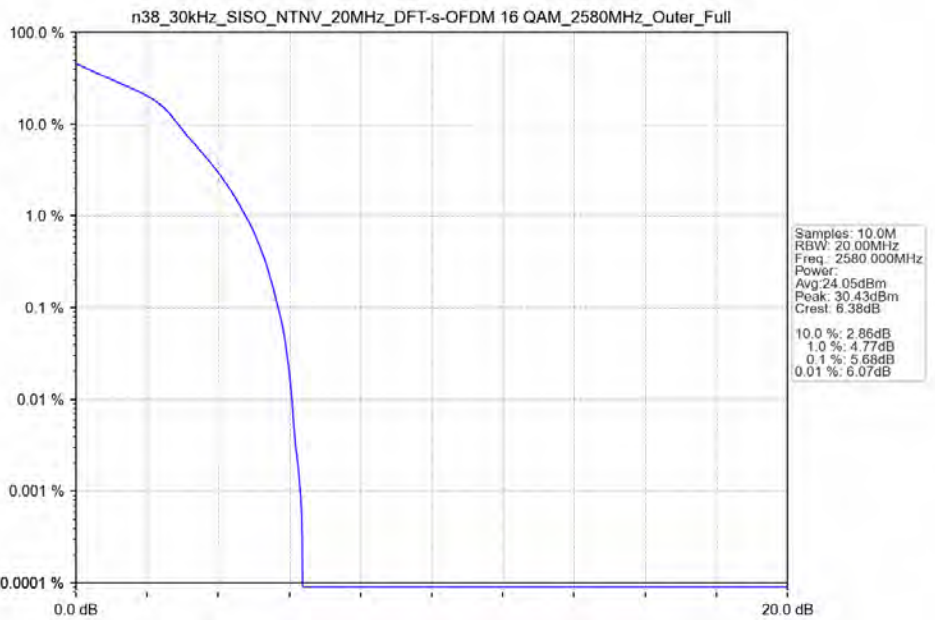
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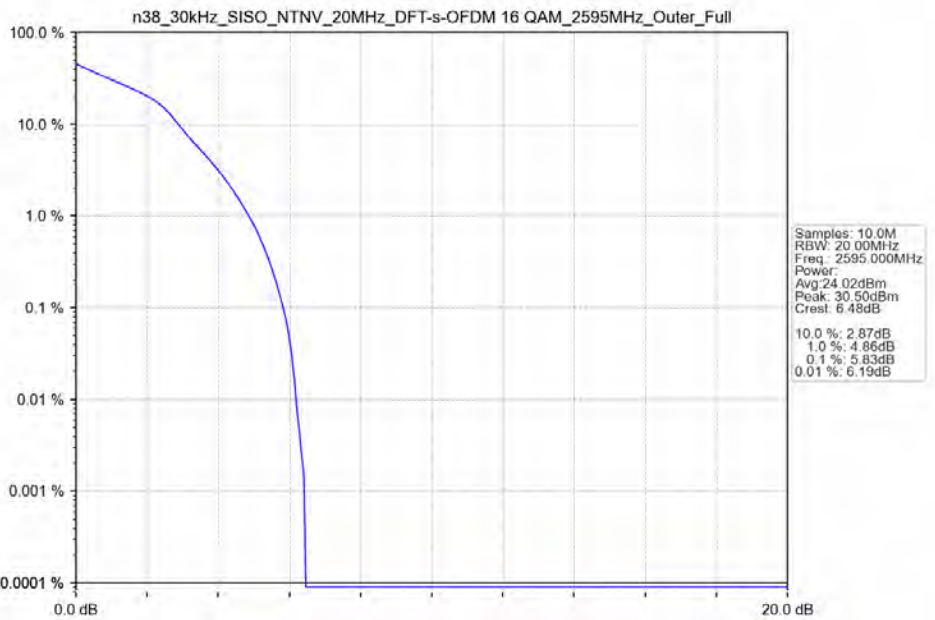
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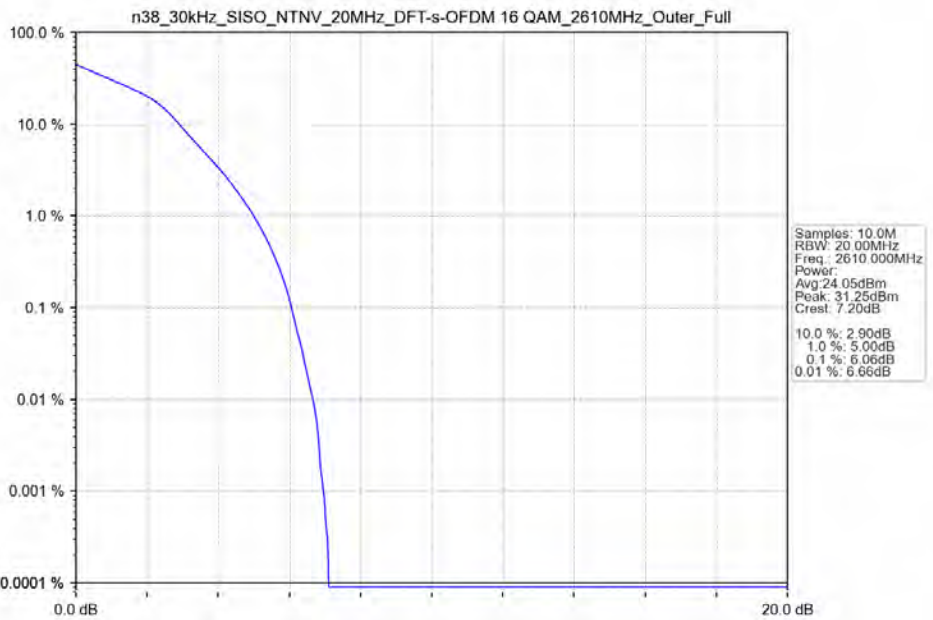
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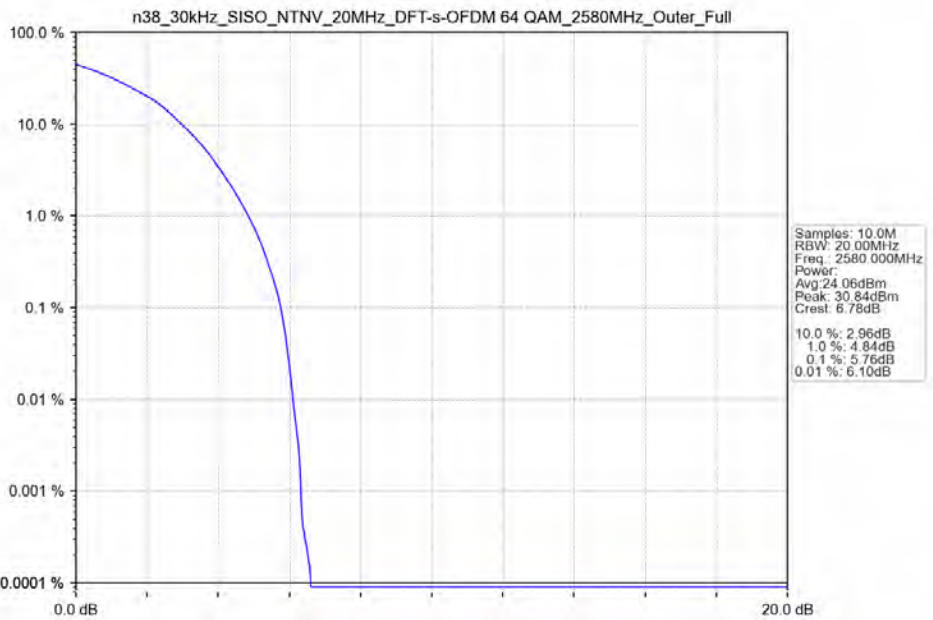
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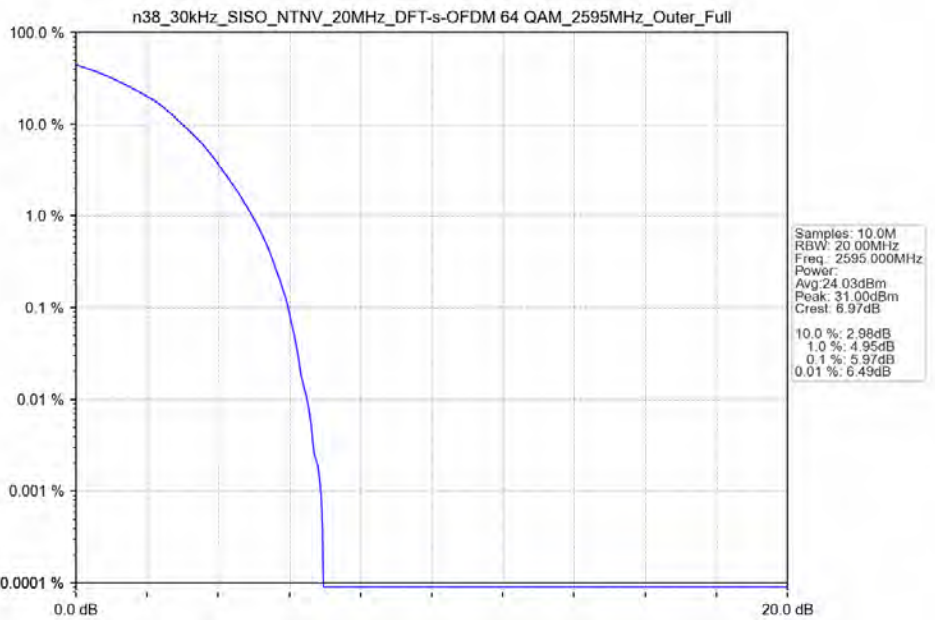
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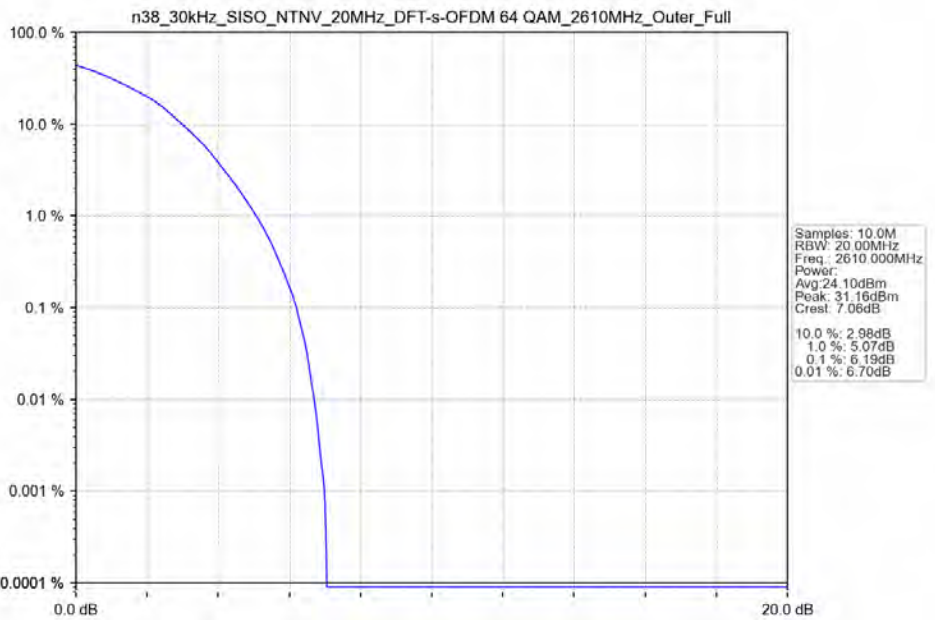
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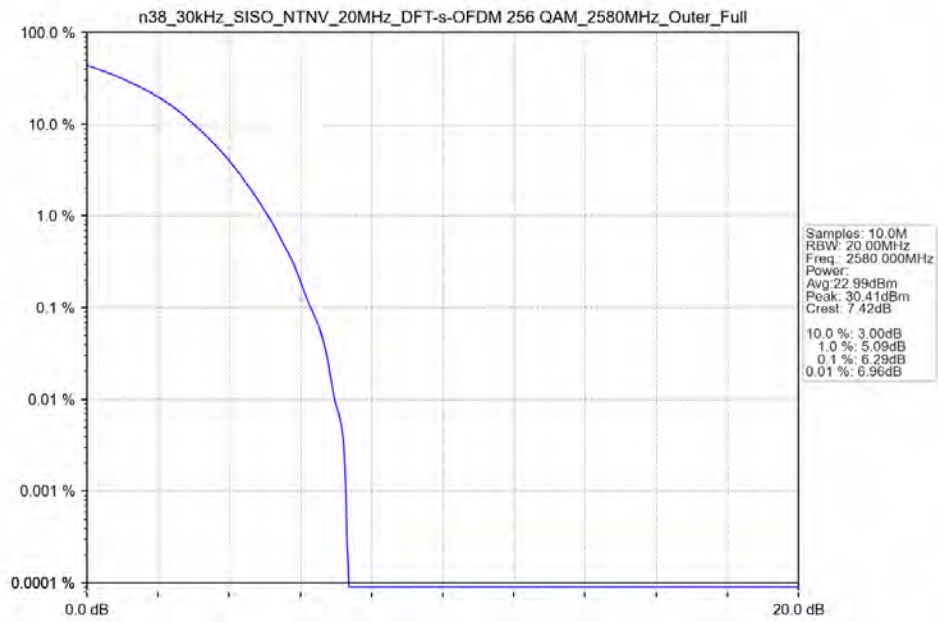
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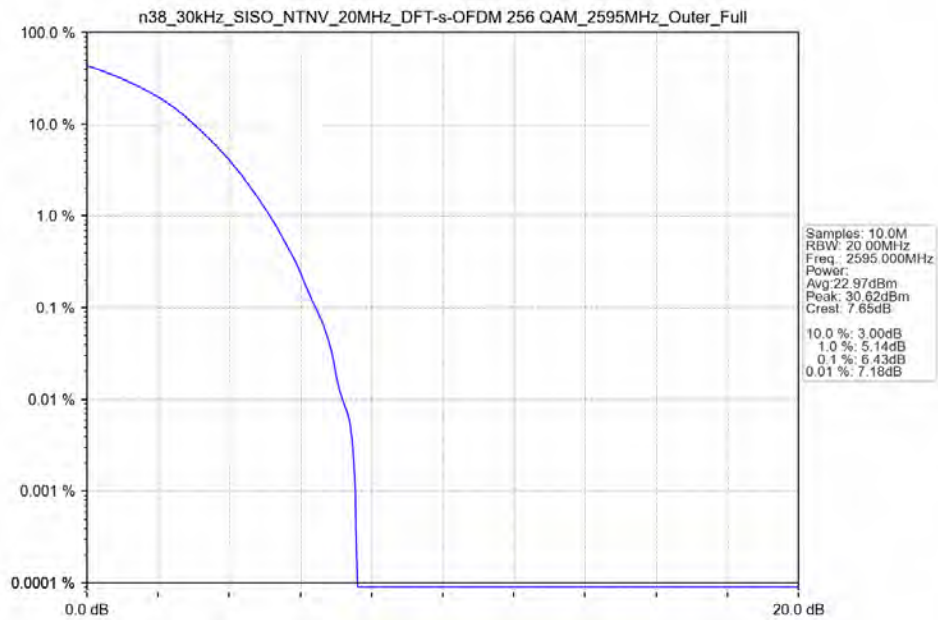
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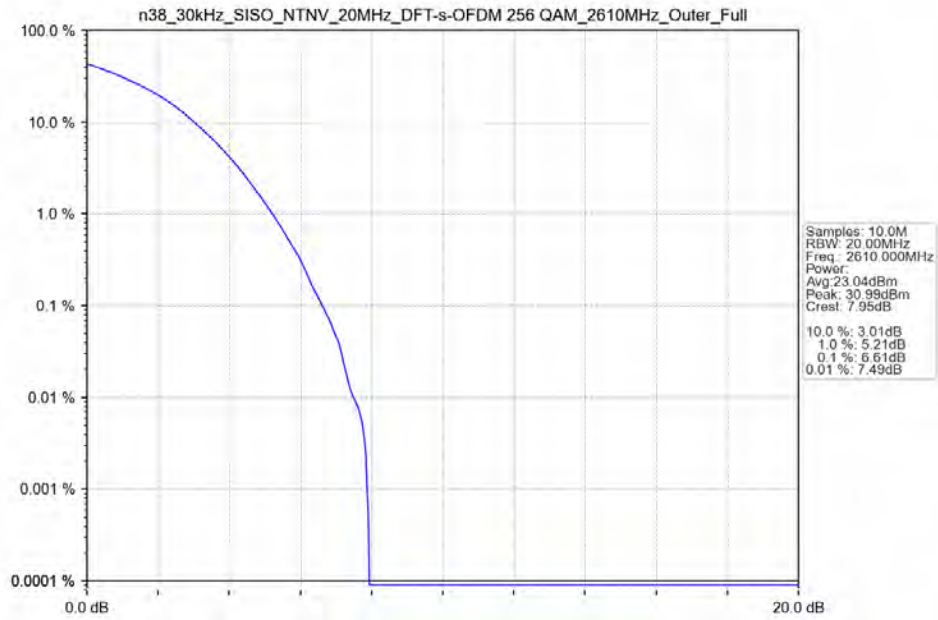
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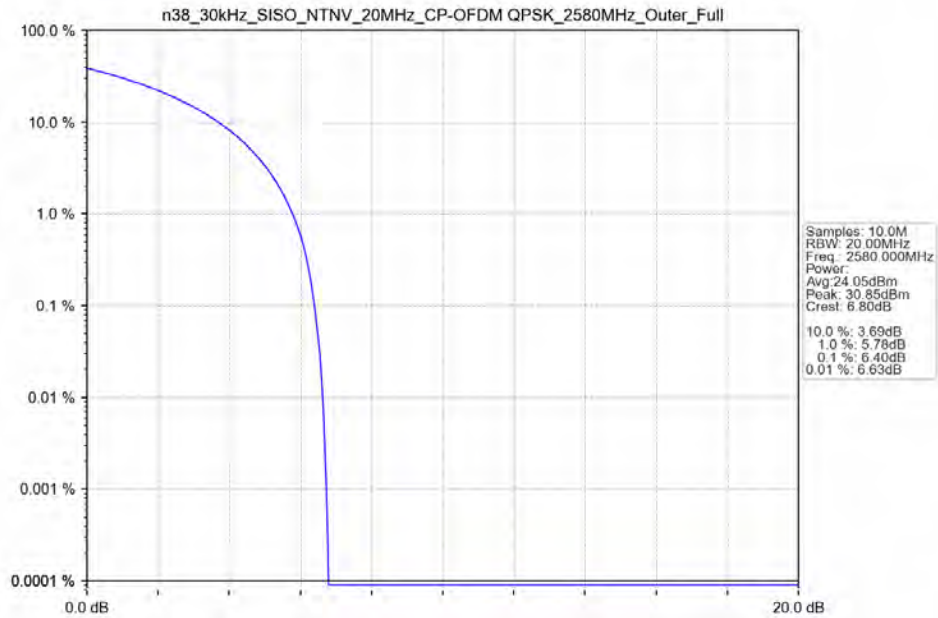
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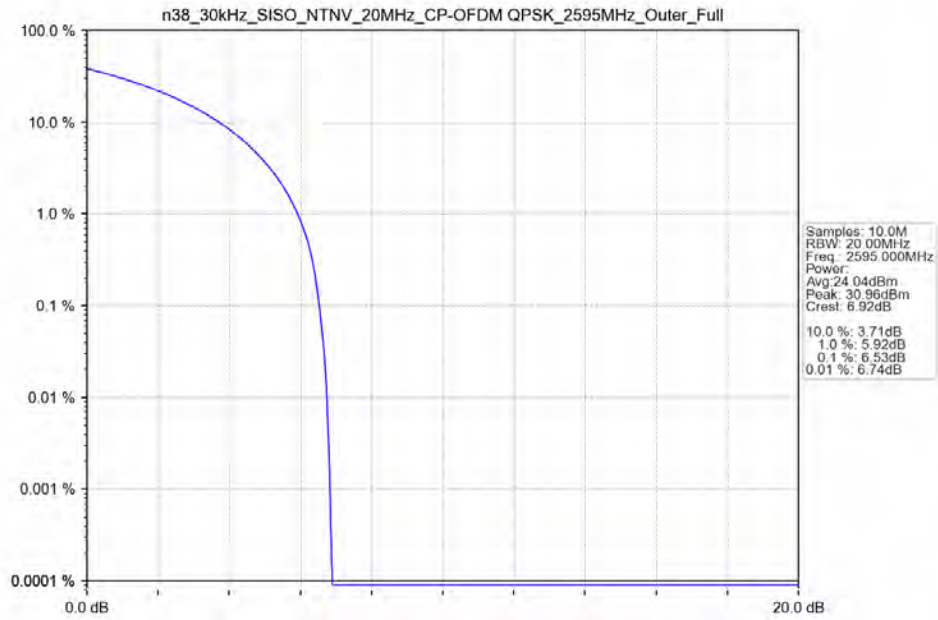
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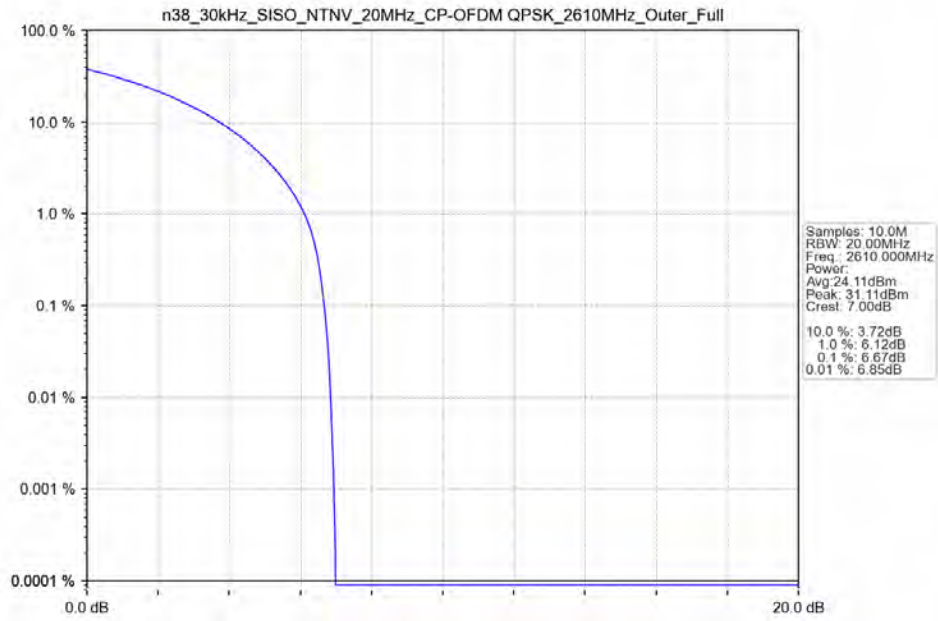
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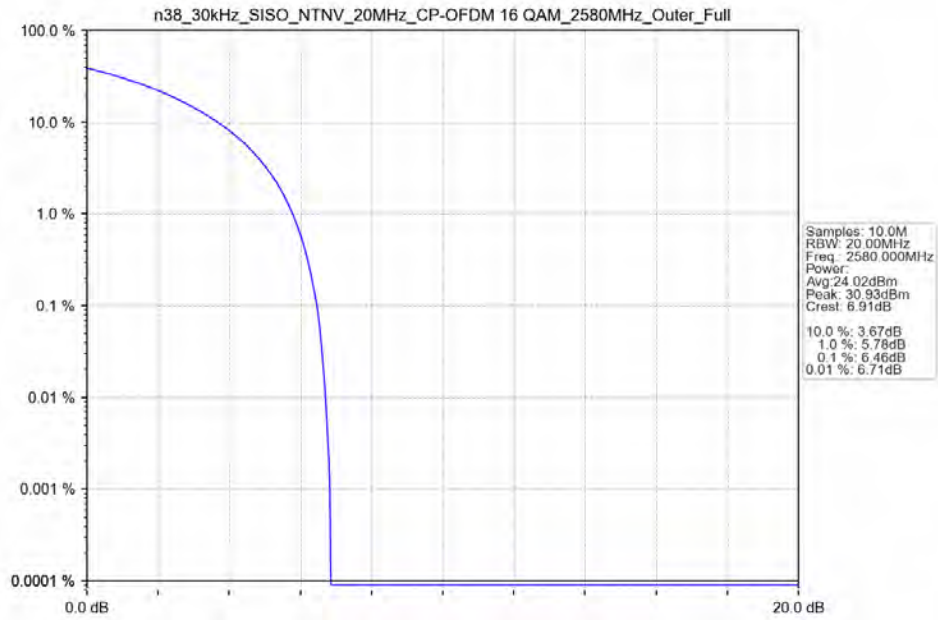
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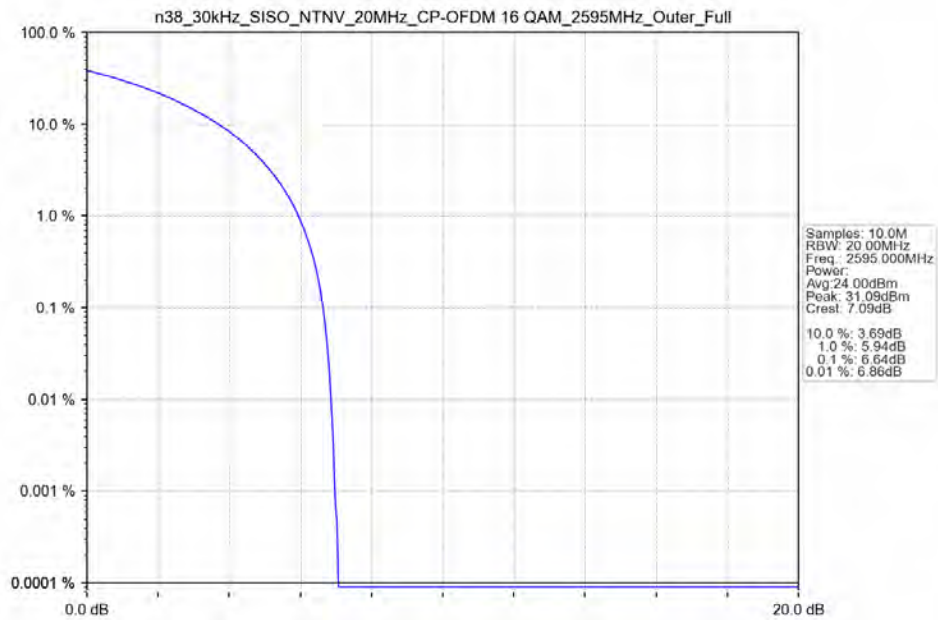
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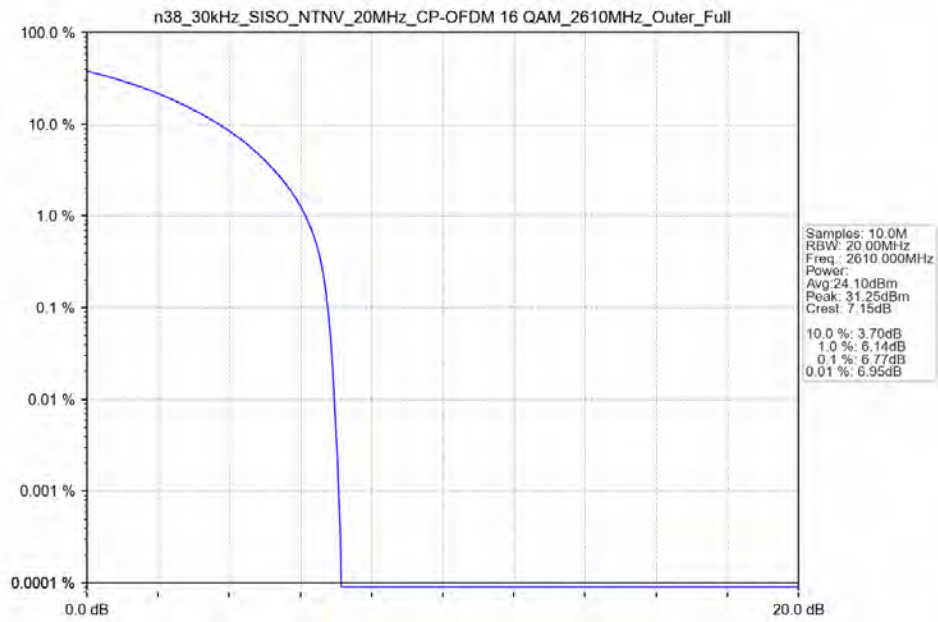
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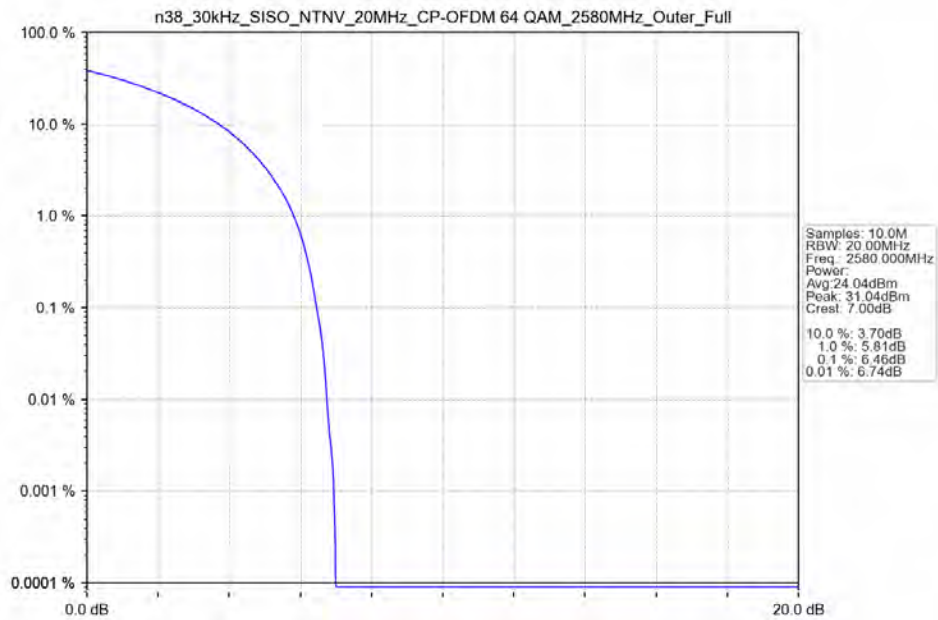
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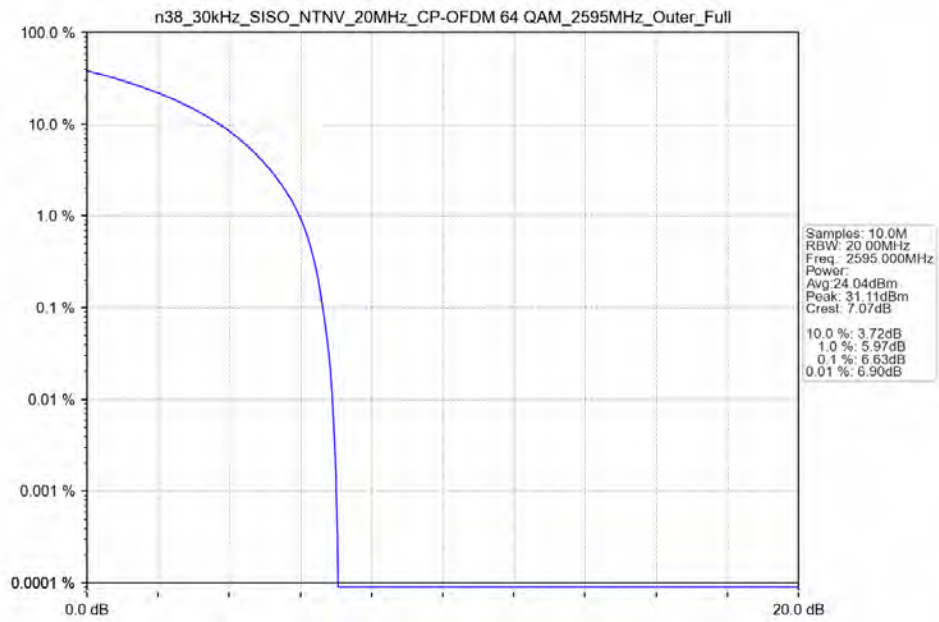
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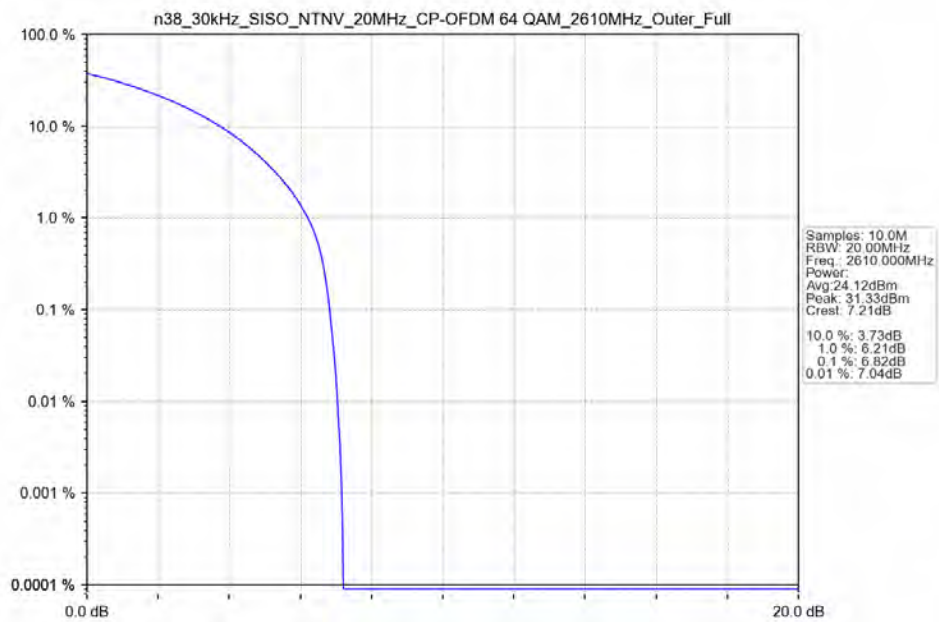
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 2580MHz_Outer_Full_Ant41



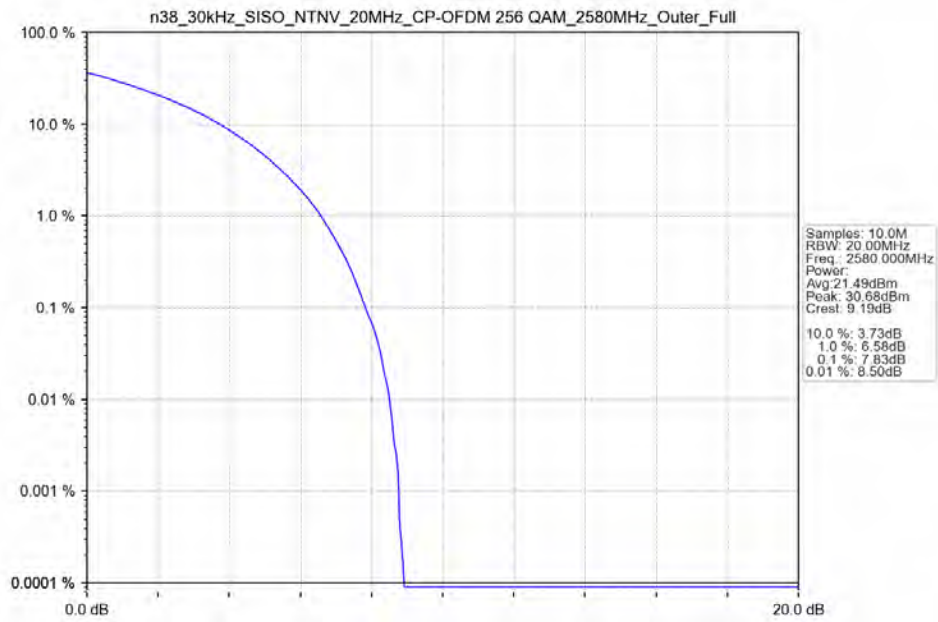
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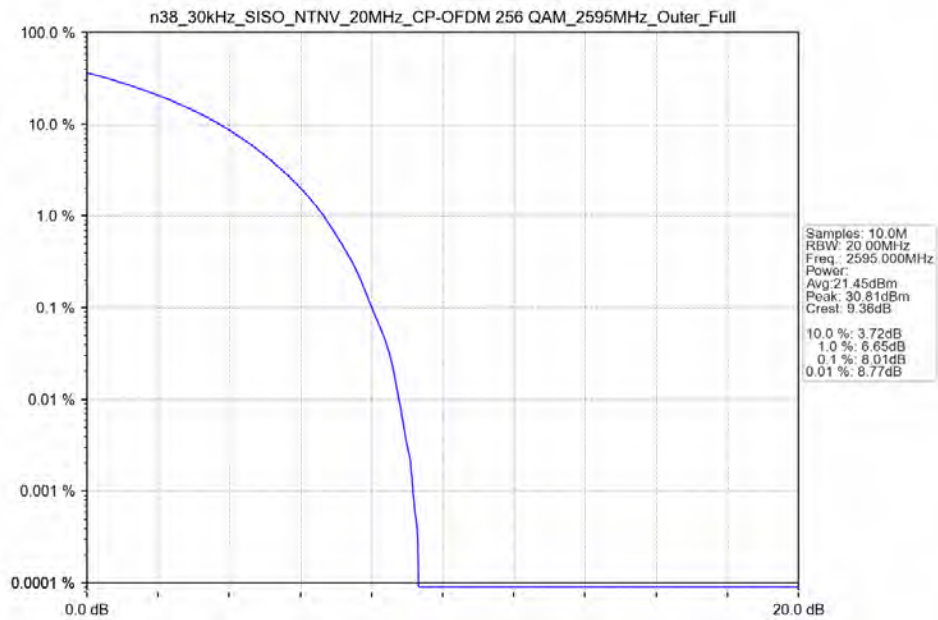
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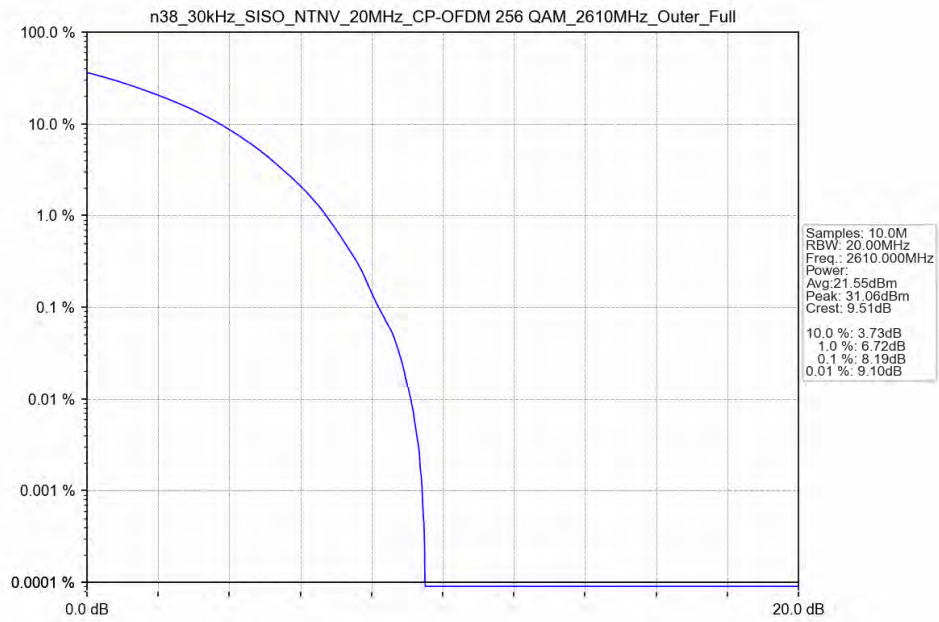
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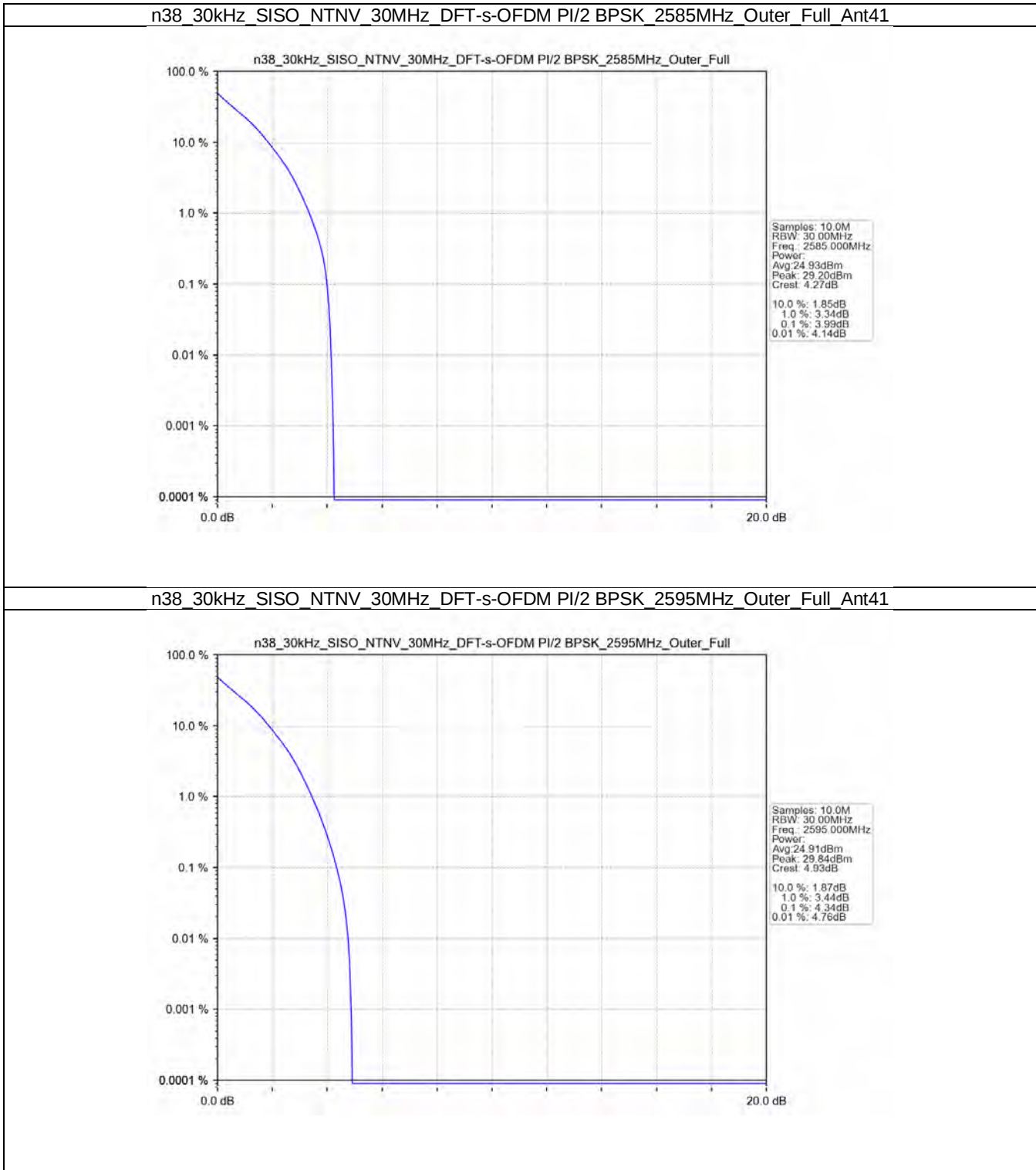
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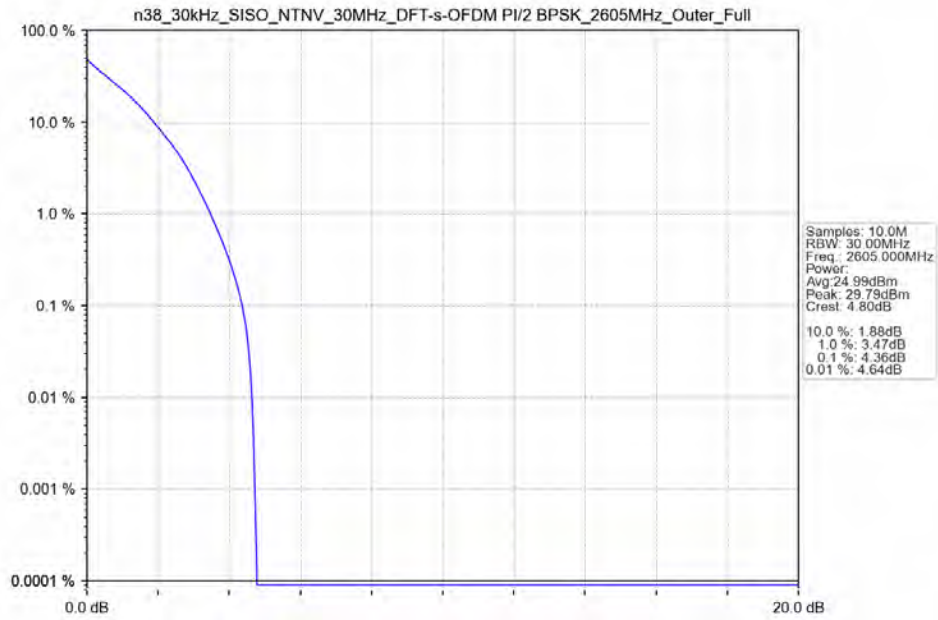
n38 30kHz SISO NTV 20MHz CP-OFDM 256 QAM 2610MHz Outer Full Ant41



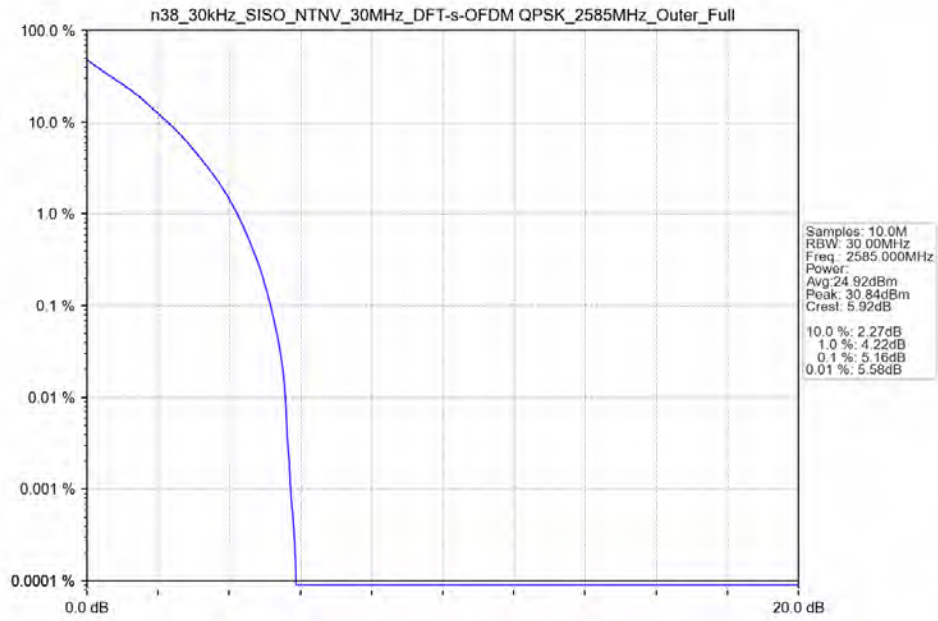
4.2.4 30k_SISO_30MHz_NTNV



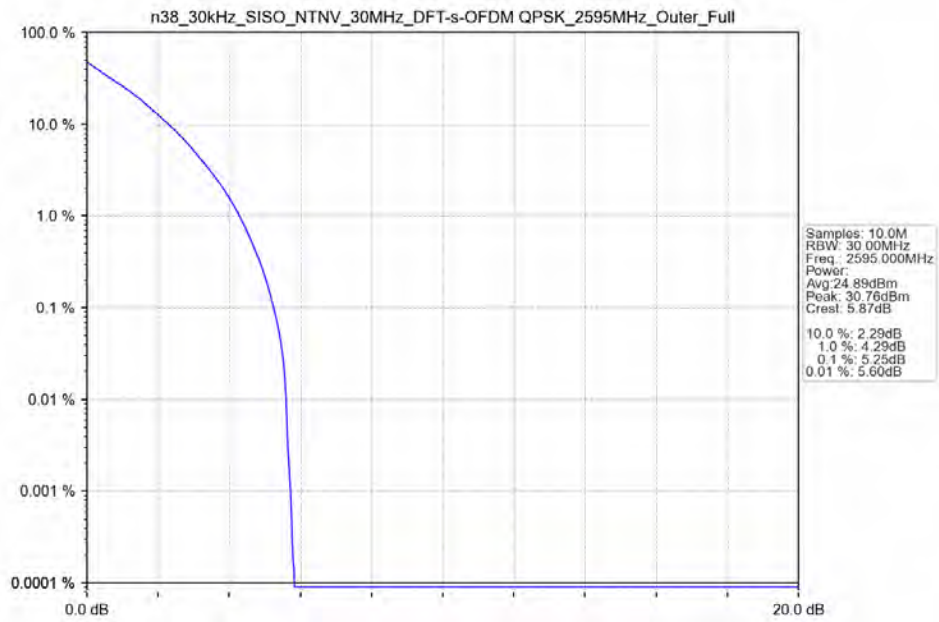
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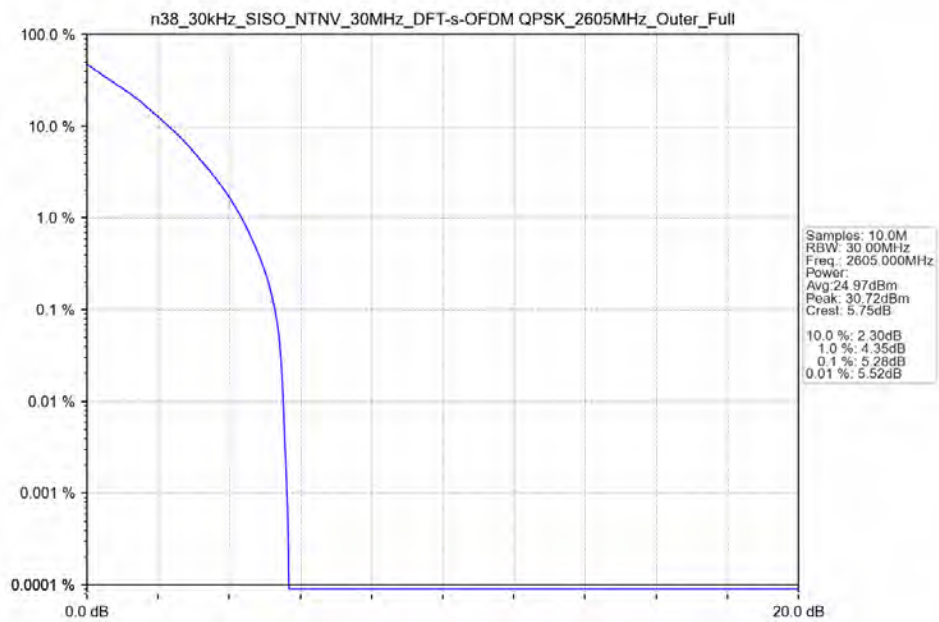
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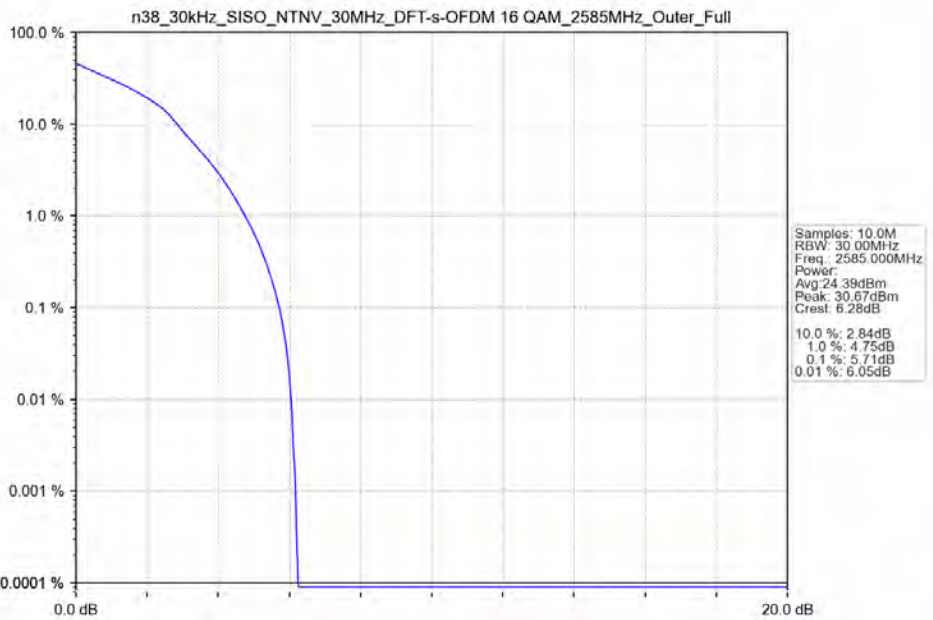
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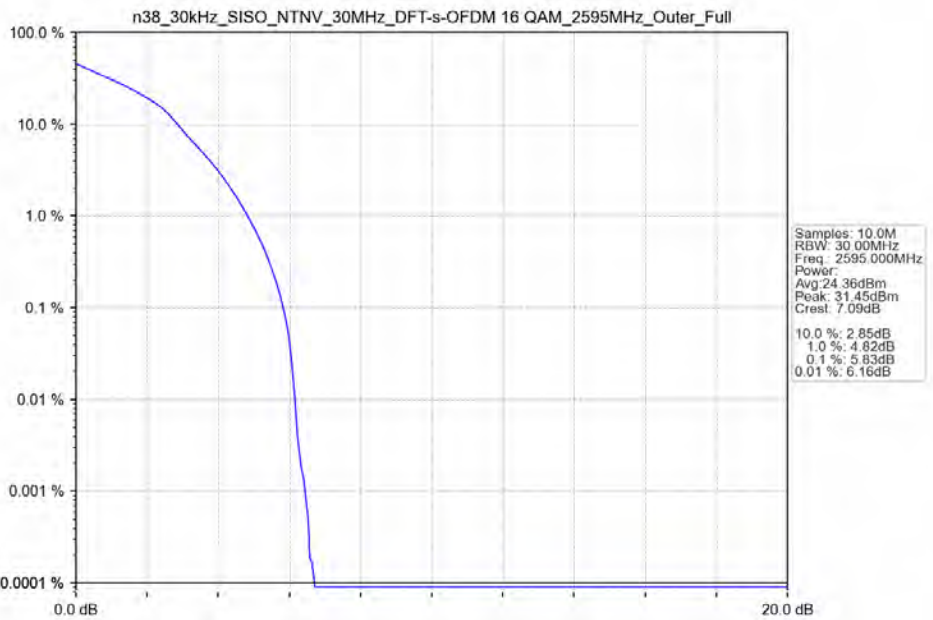
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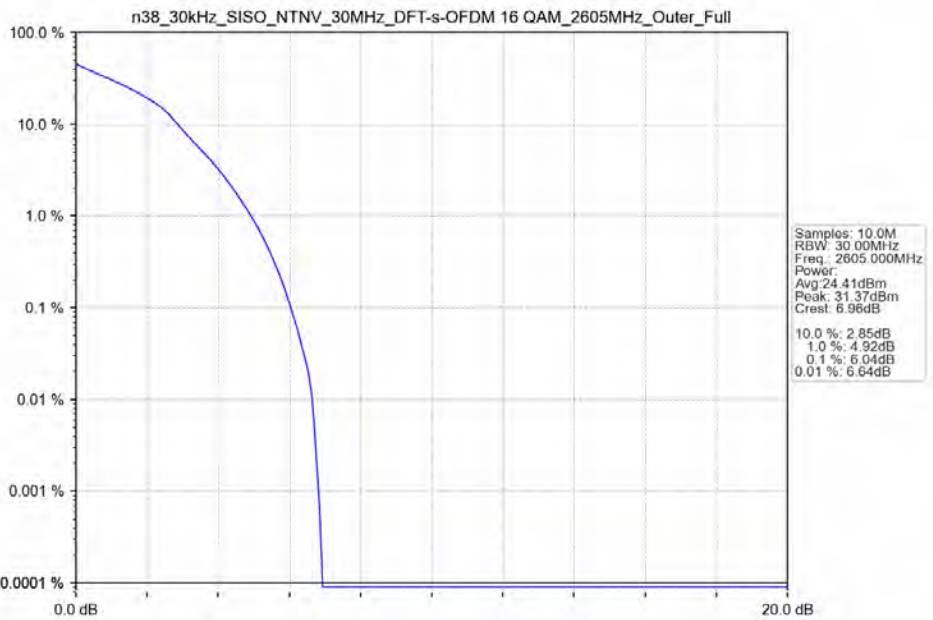
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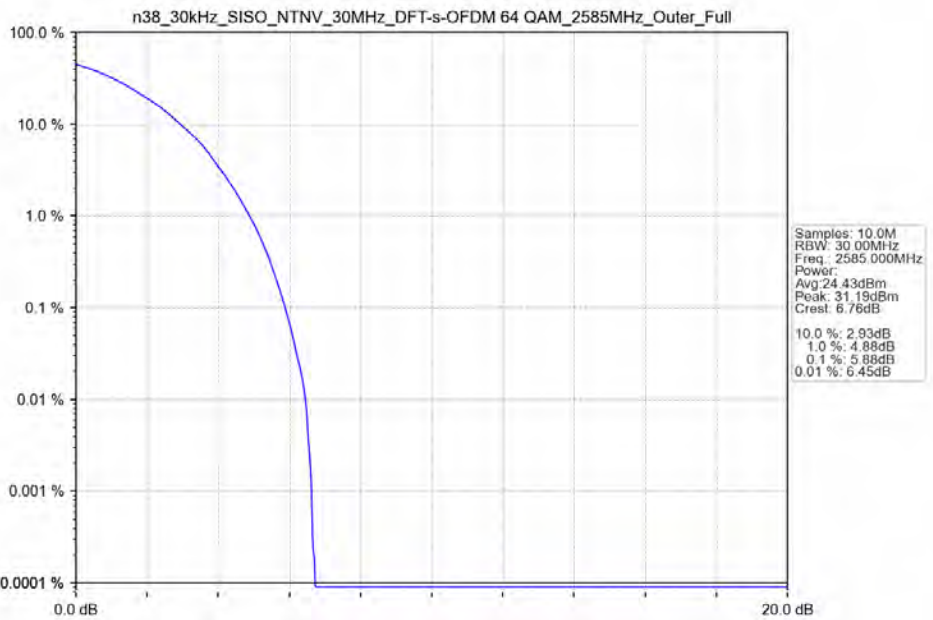
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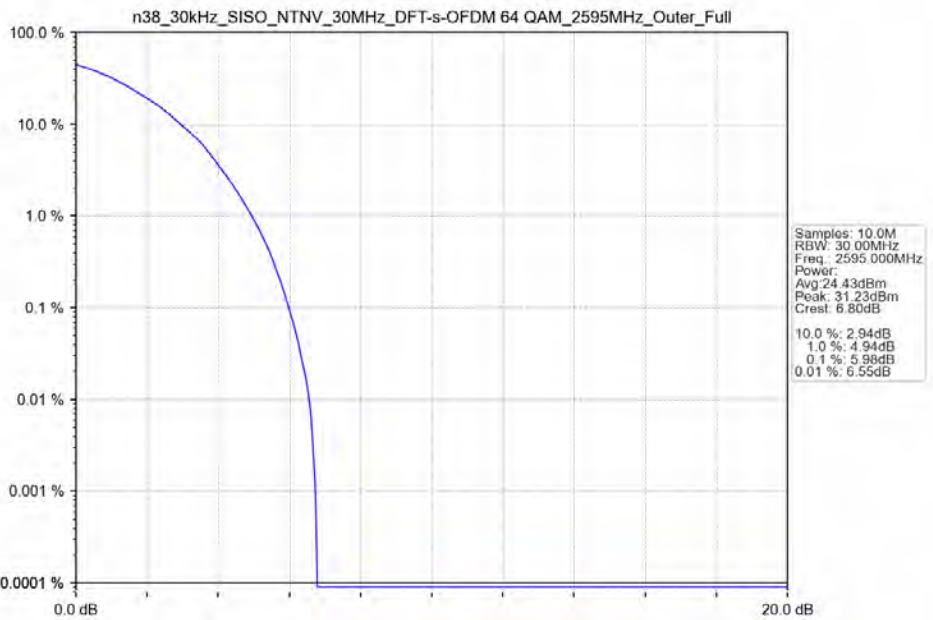
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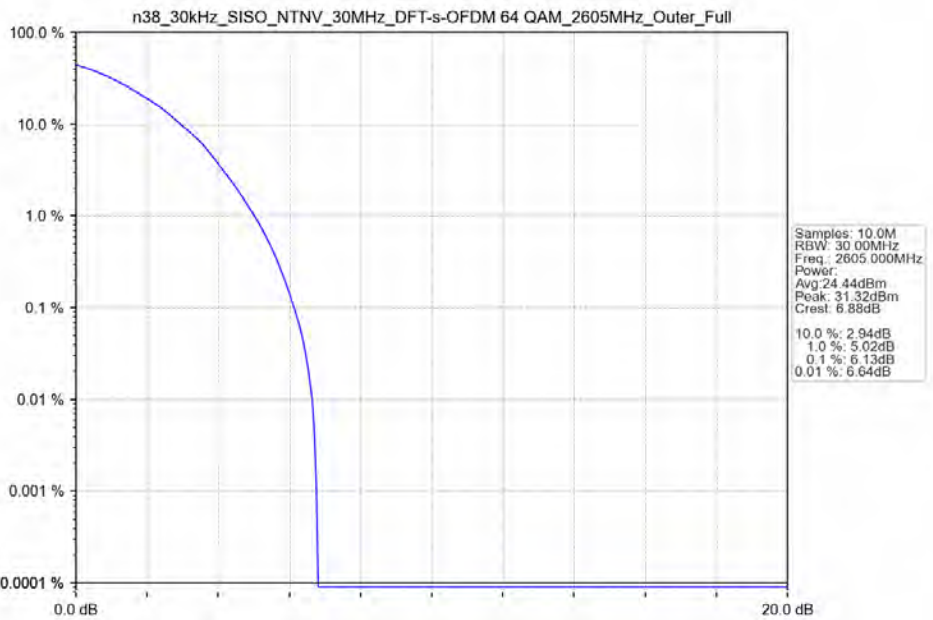
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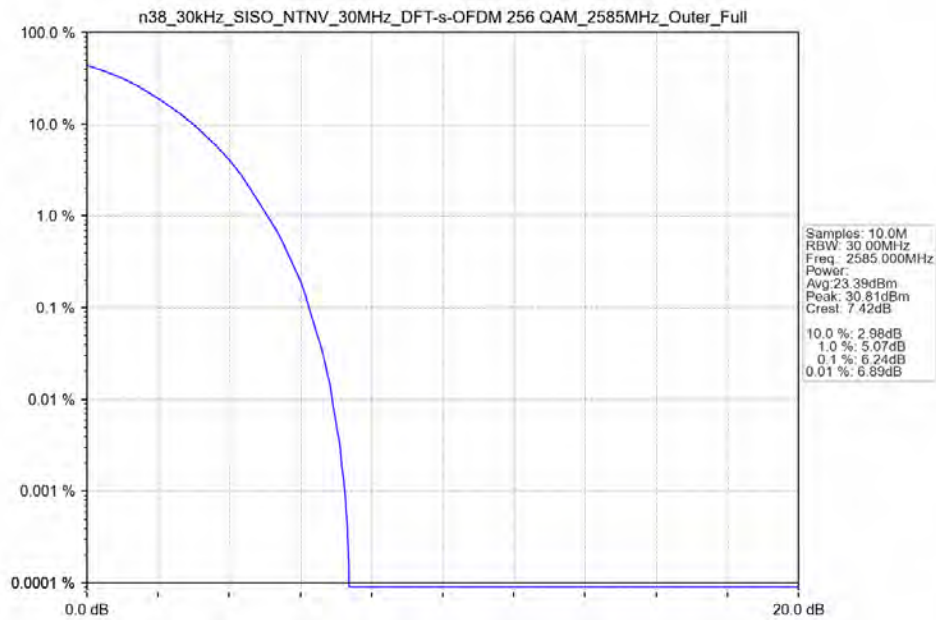
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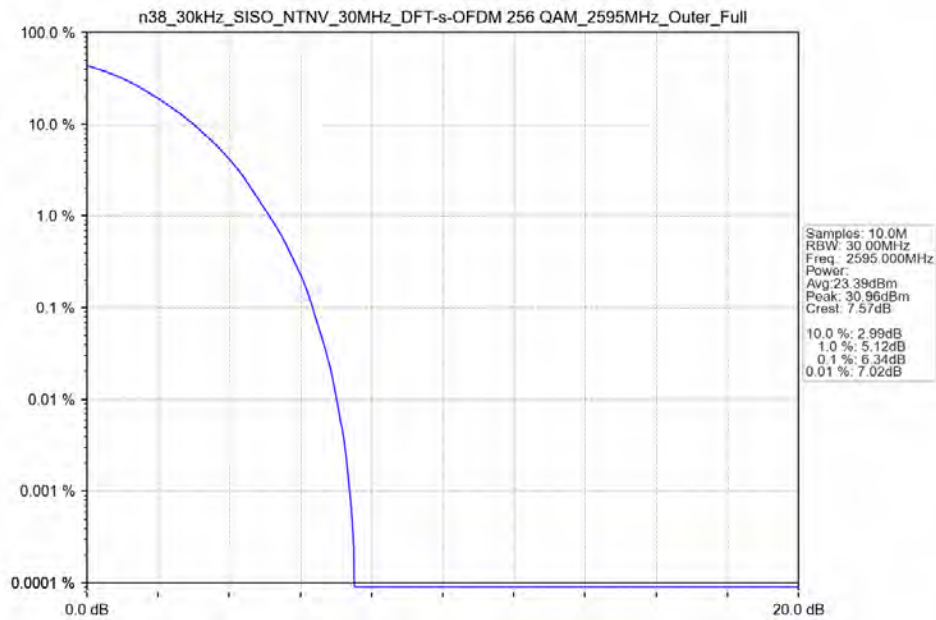
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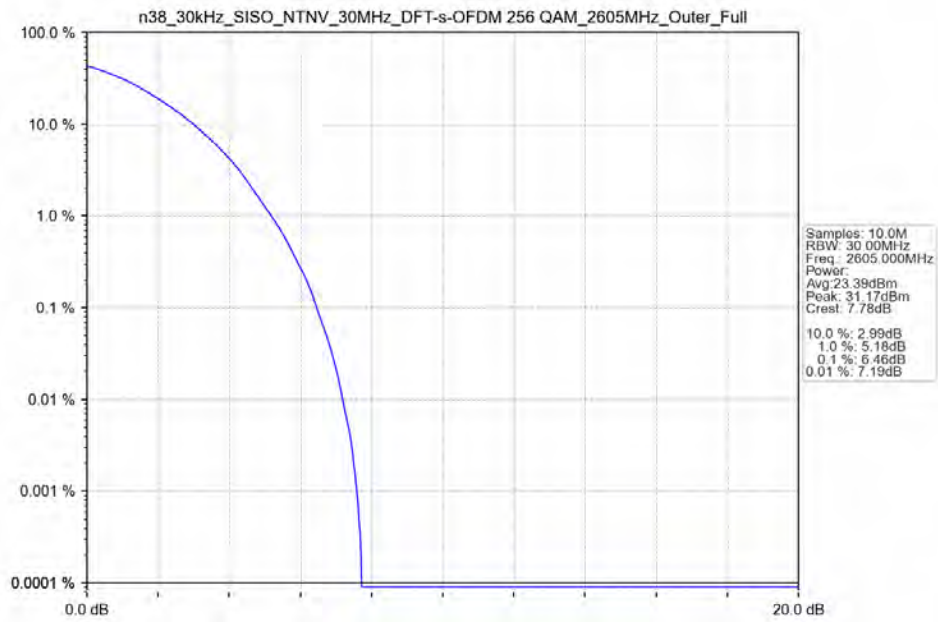
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_2585MHz_Outer_Full_Ant41



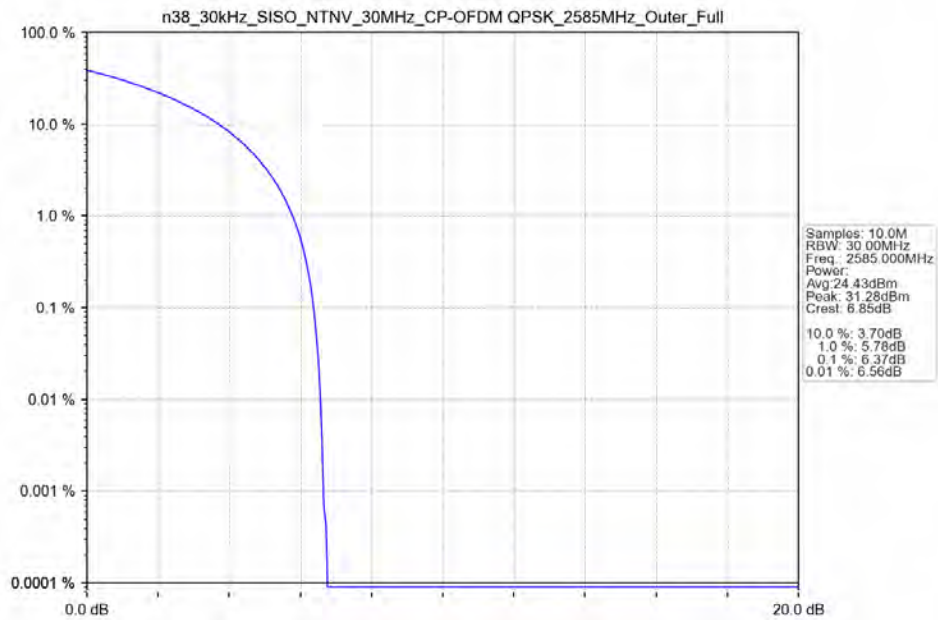
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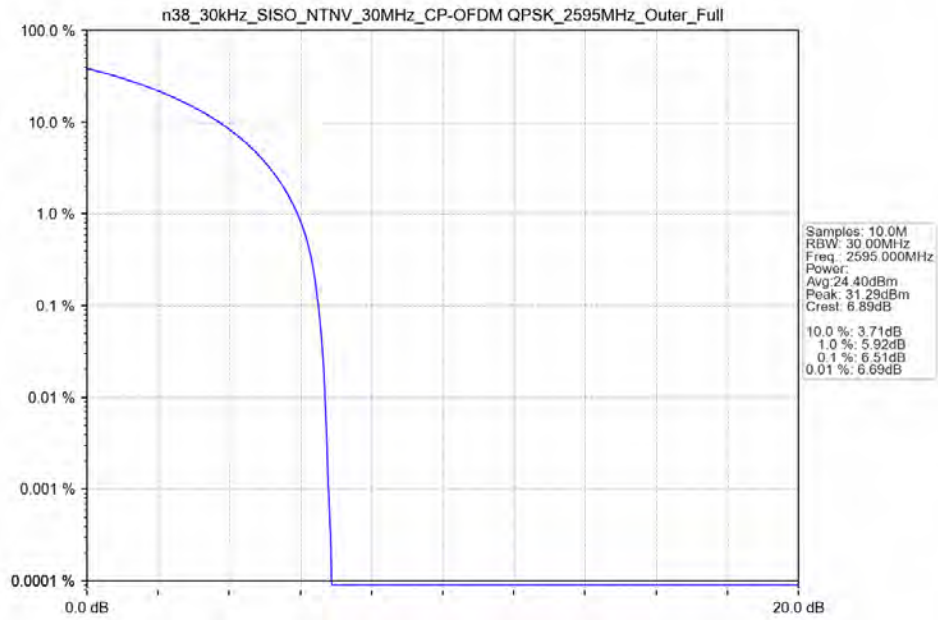
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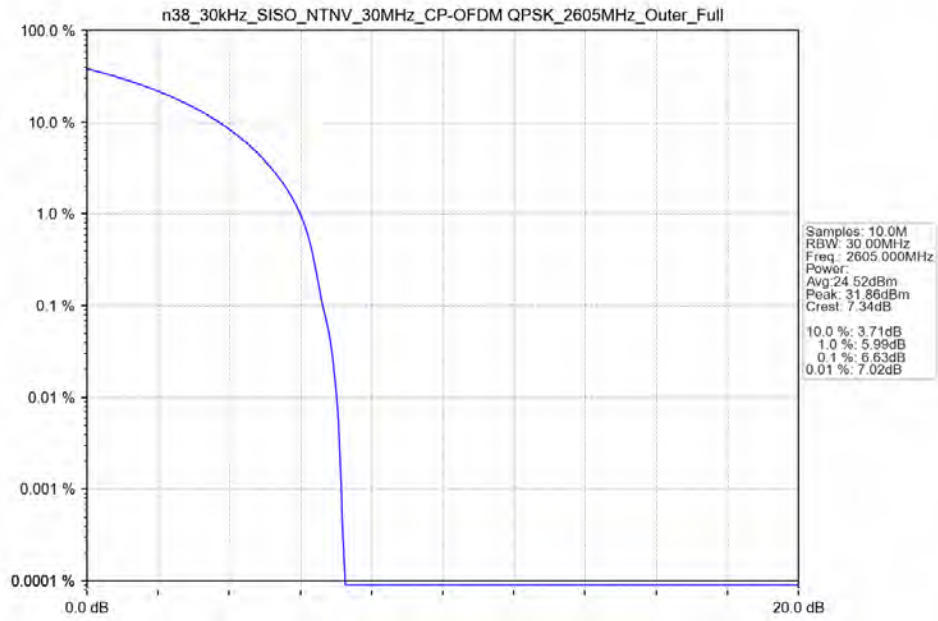
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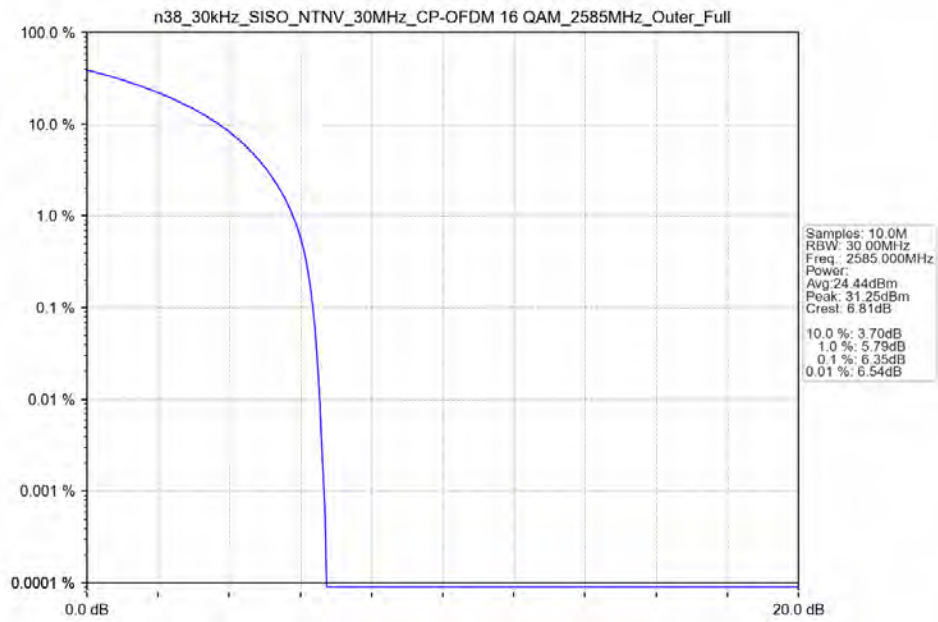
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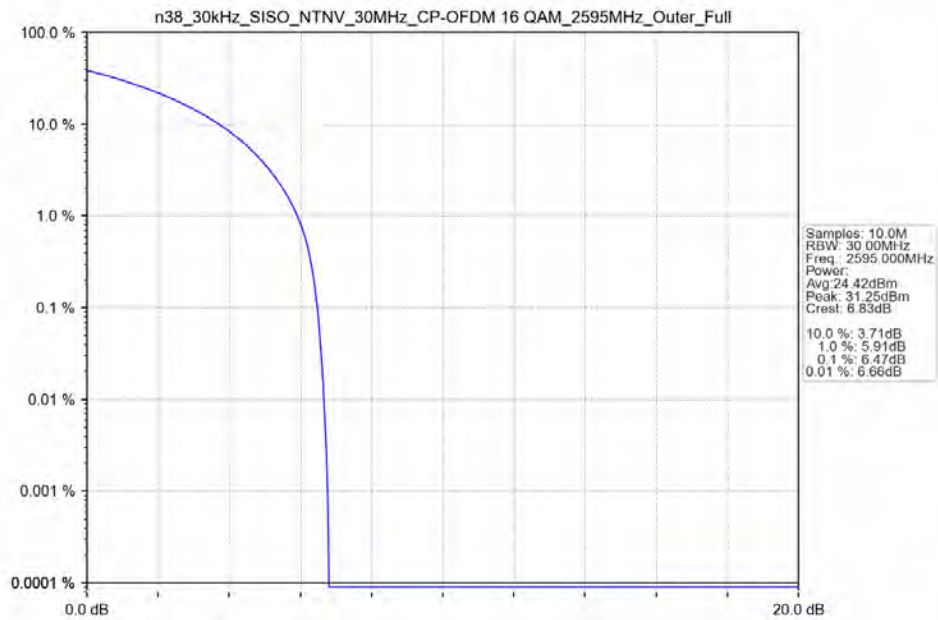
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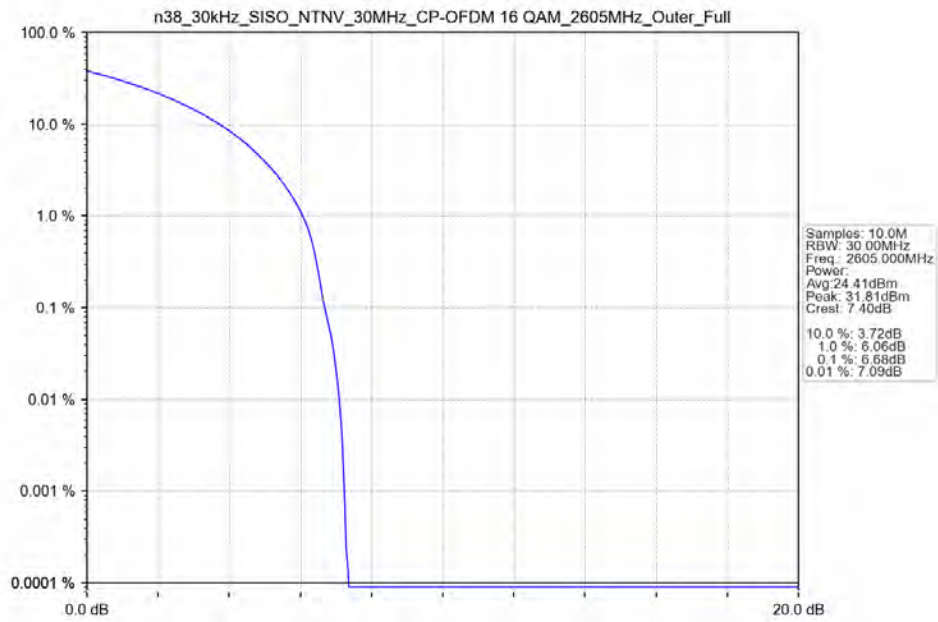
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_2585MHz_Outer_Full_Ant41



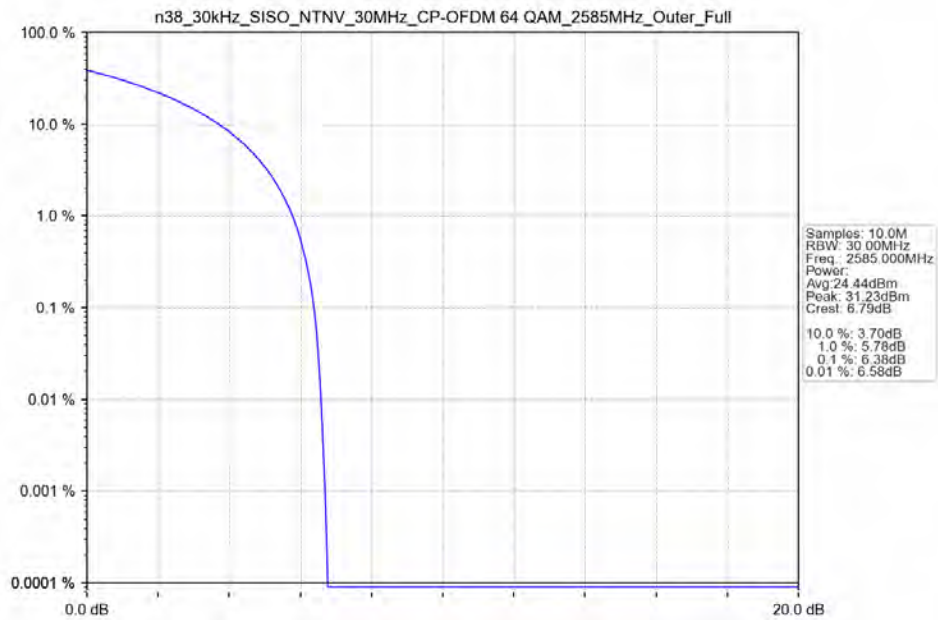
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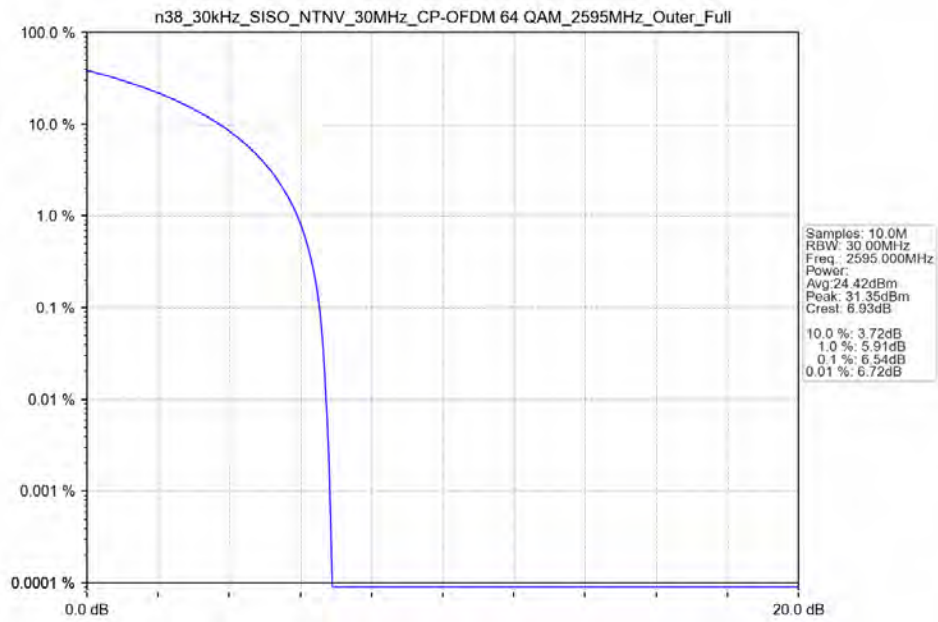
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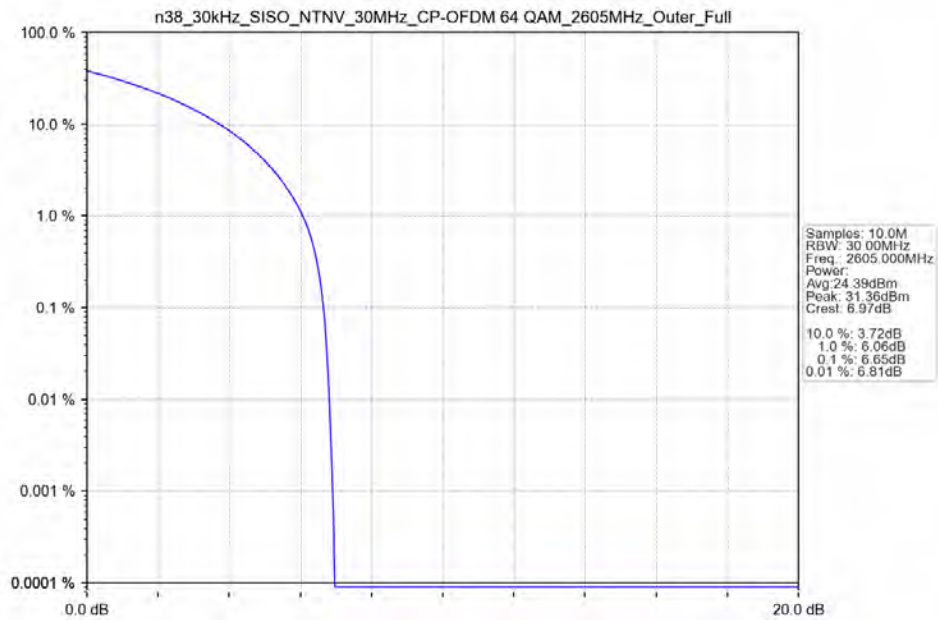
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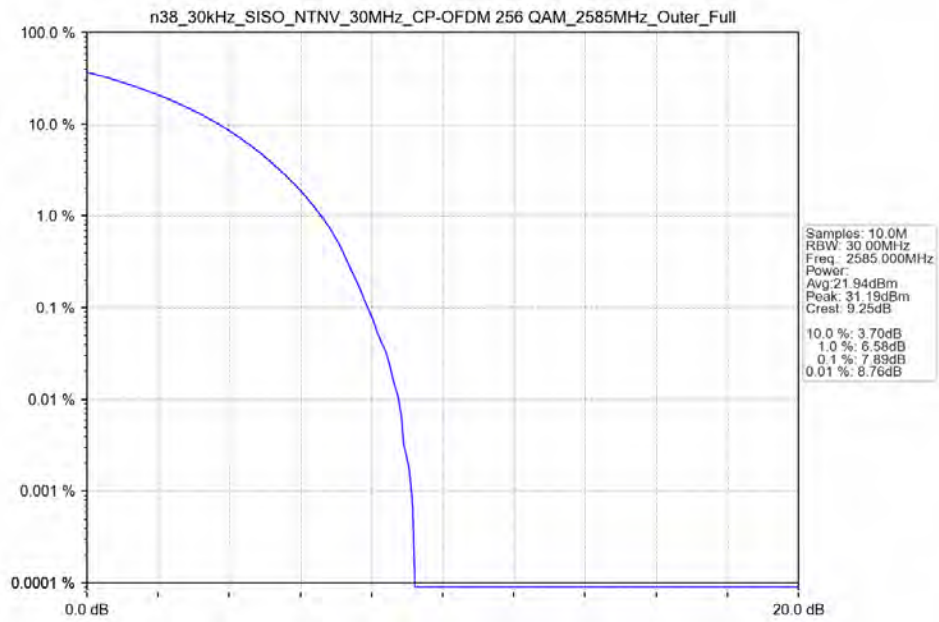
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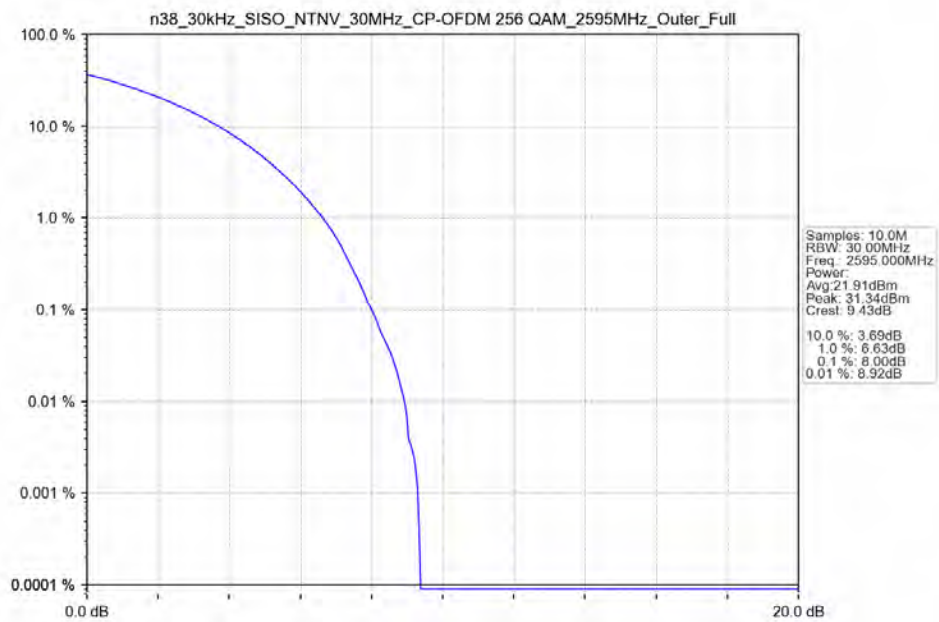
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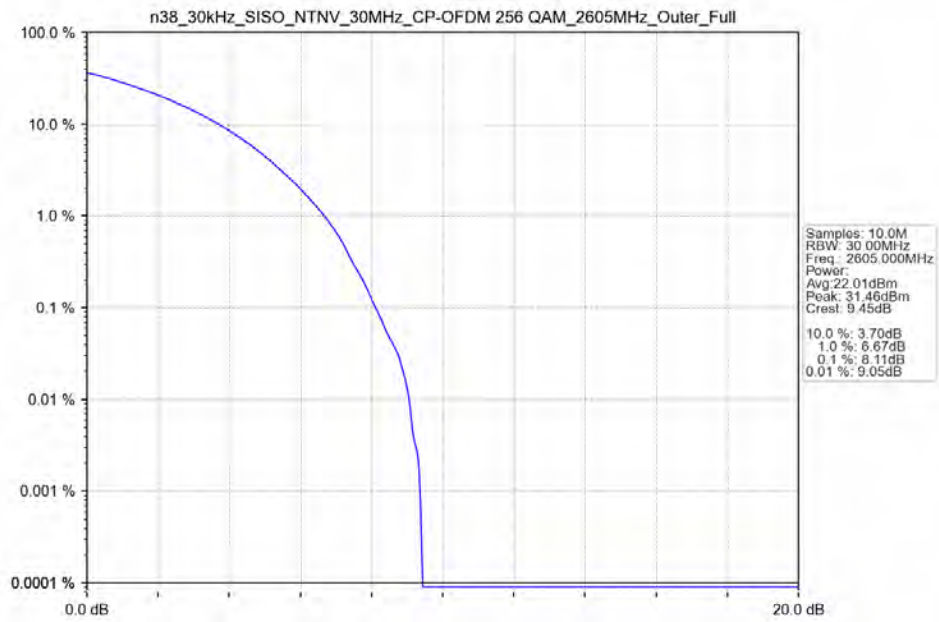
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_2585MHz_Outer_Full_Ant41



n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant41

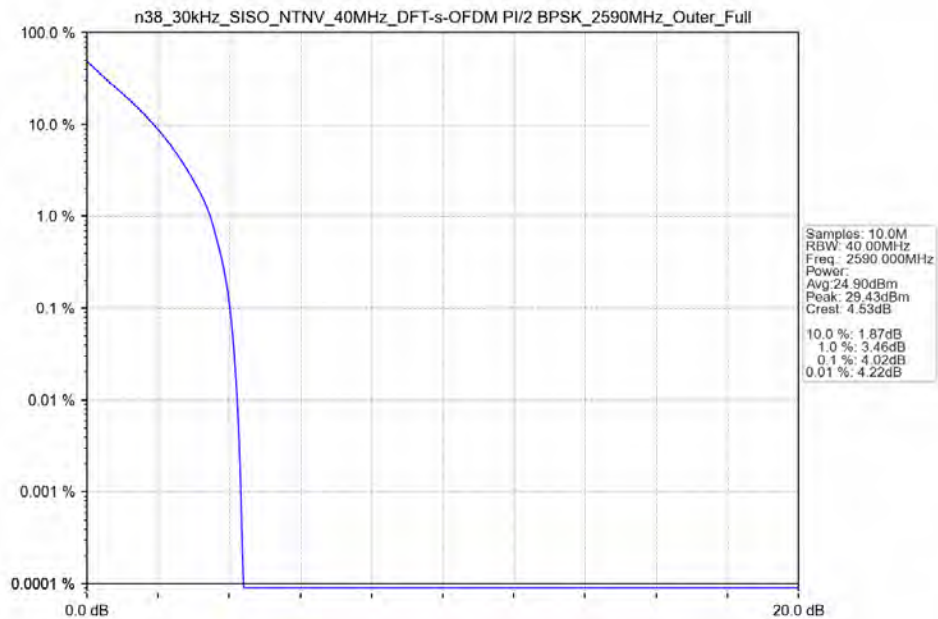


n38 30kHz SISO NTV 30MHz CP-OFDM 256 QAM 2605MHz Outer Full Ant41

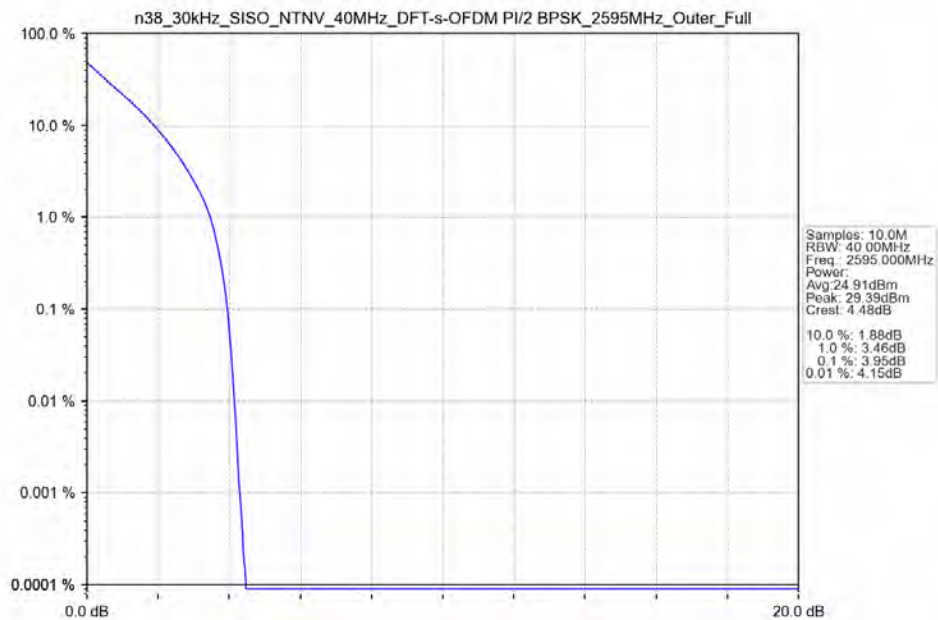


4.2.5 30k_SISO_40MHz_NTNV

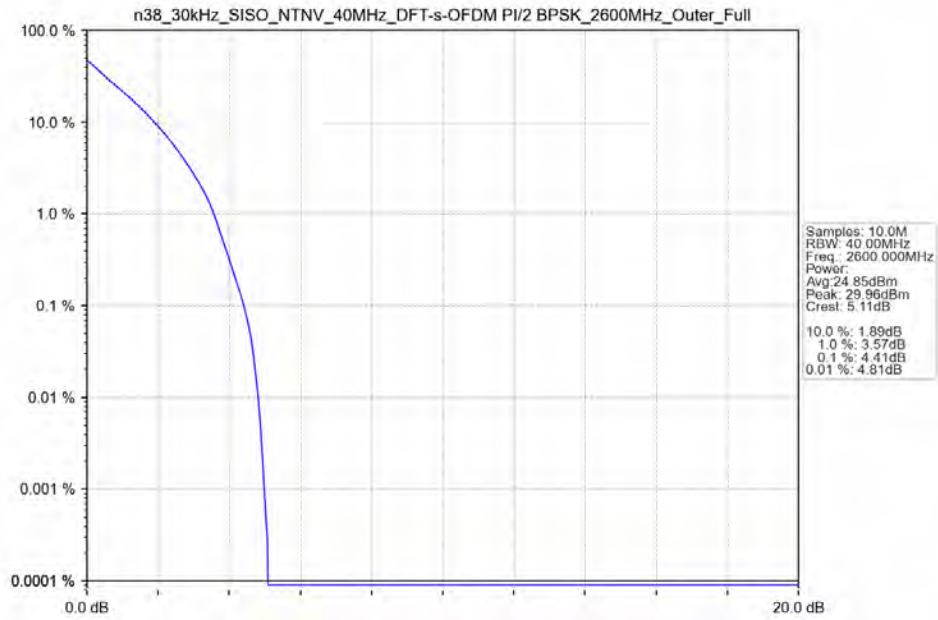
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Outer_Full_Ant41



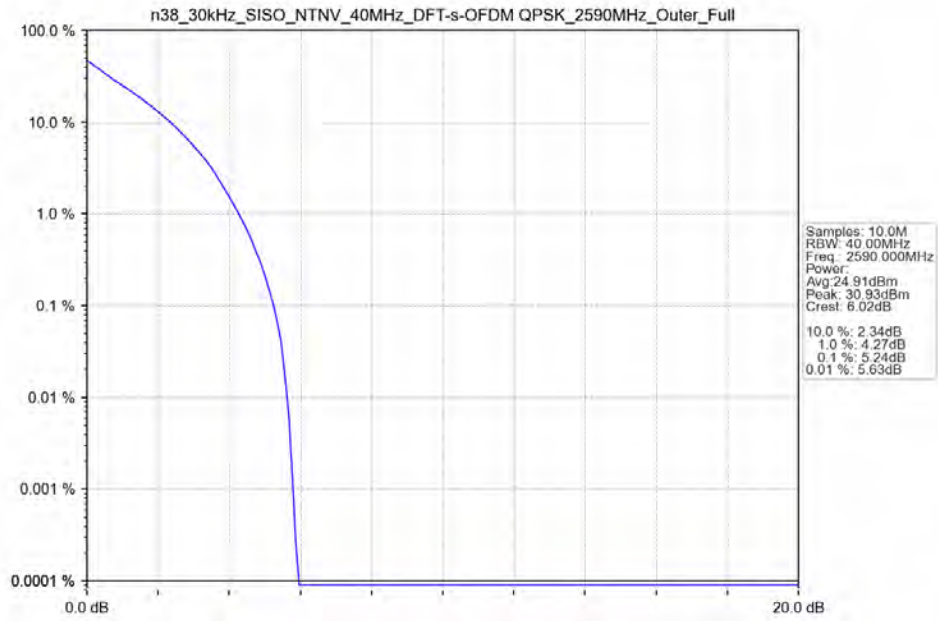
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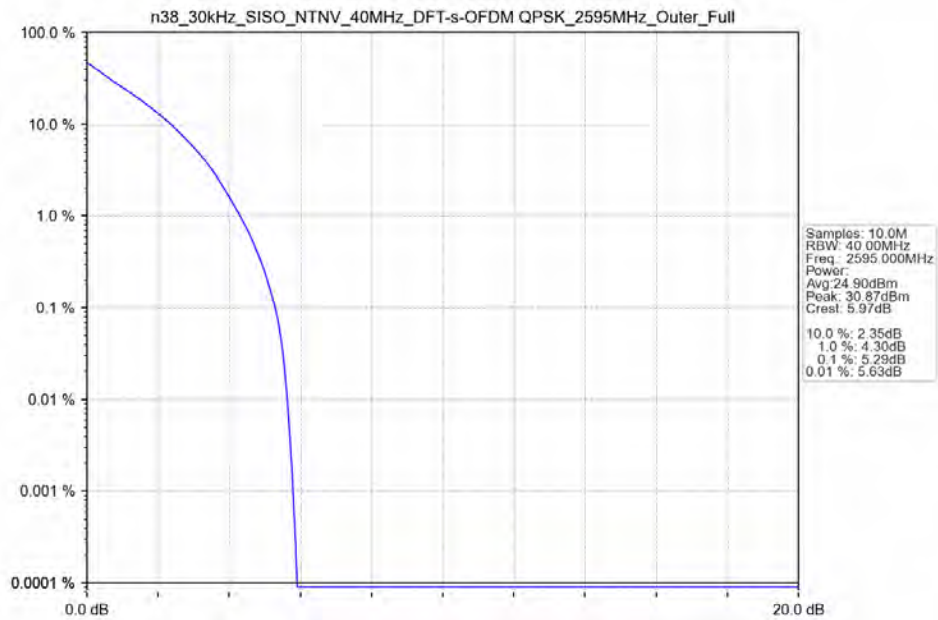
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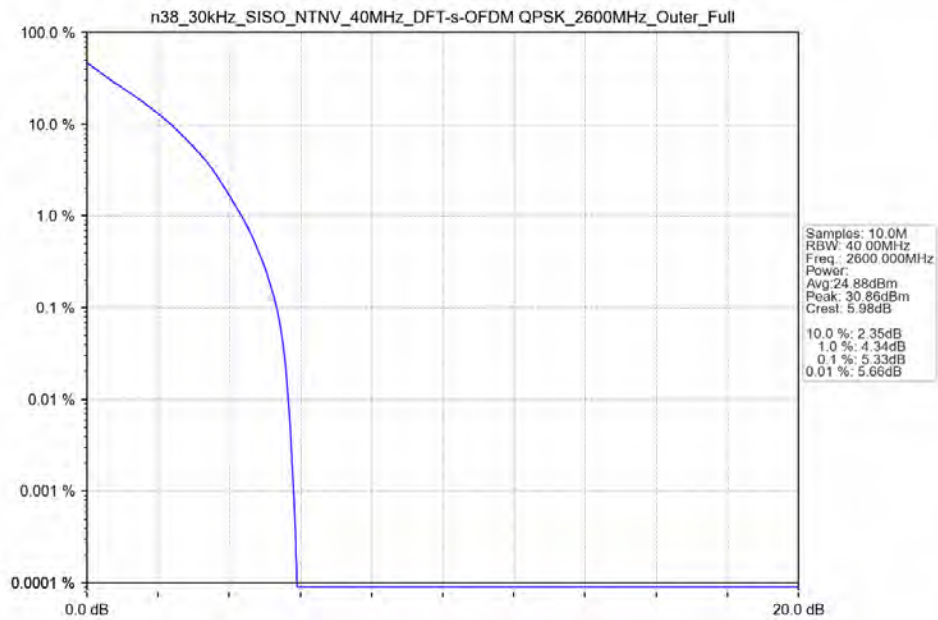
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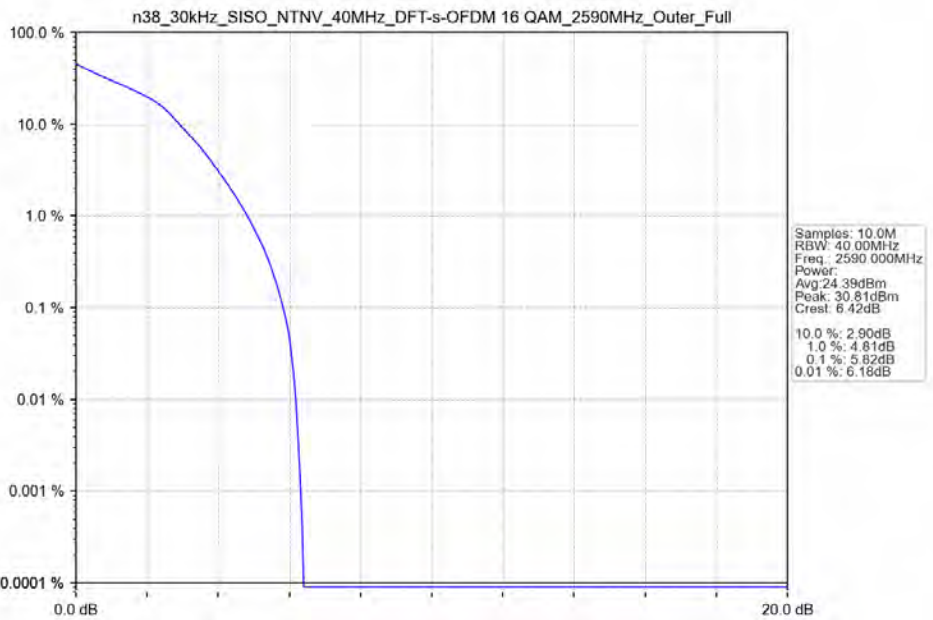
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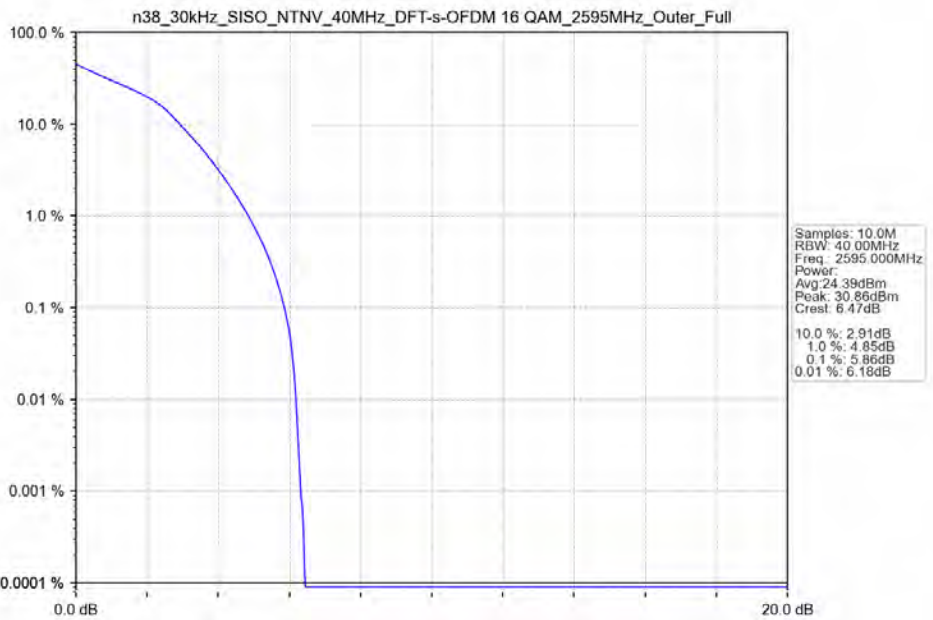
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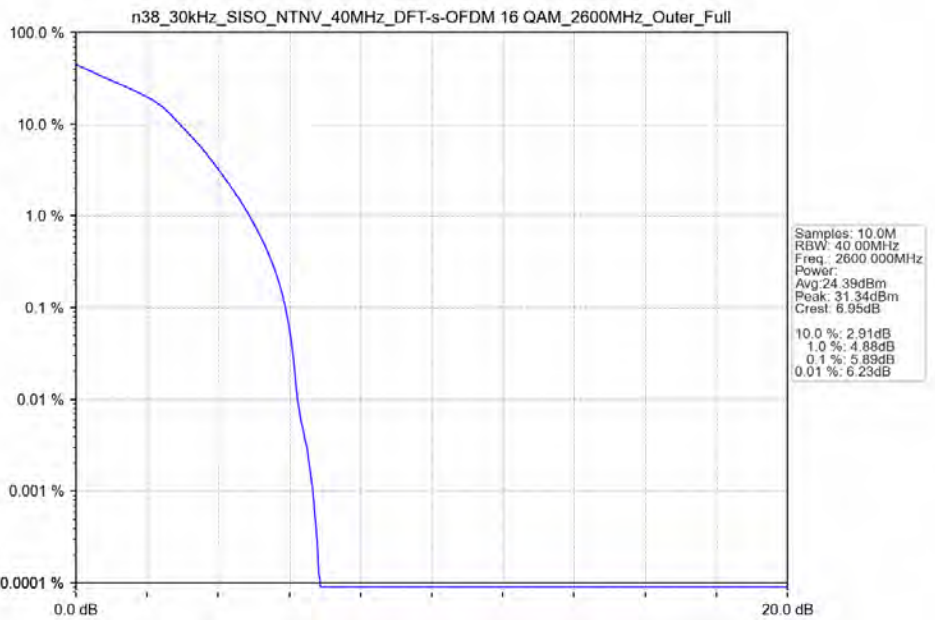
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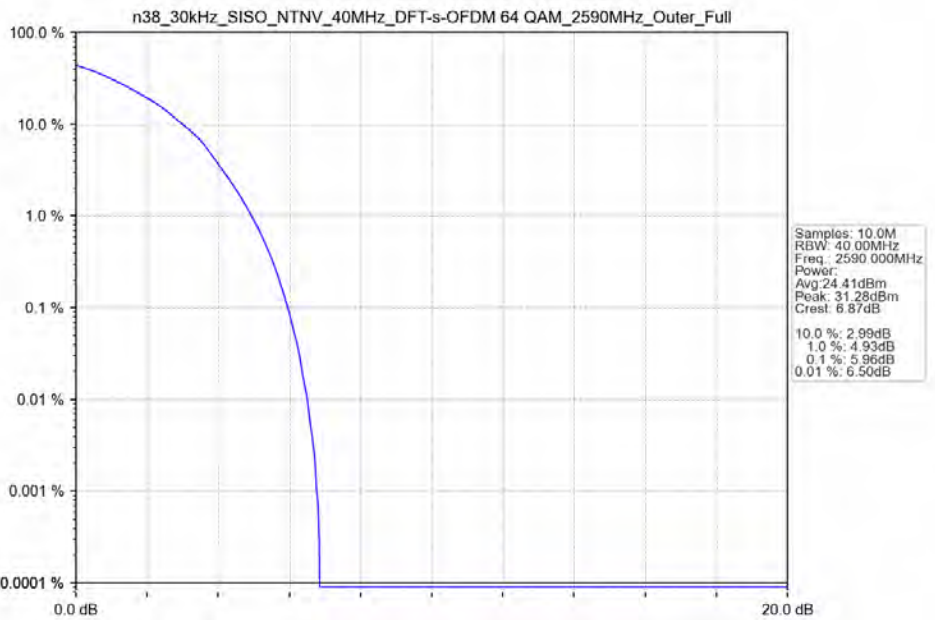
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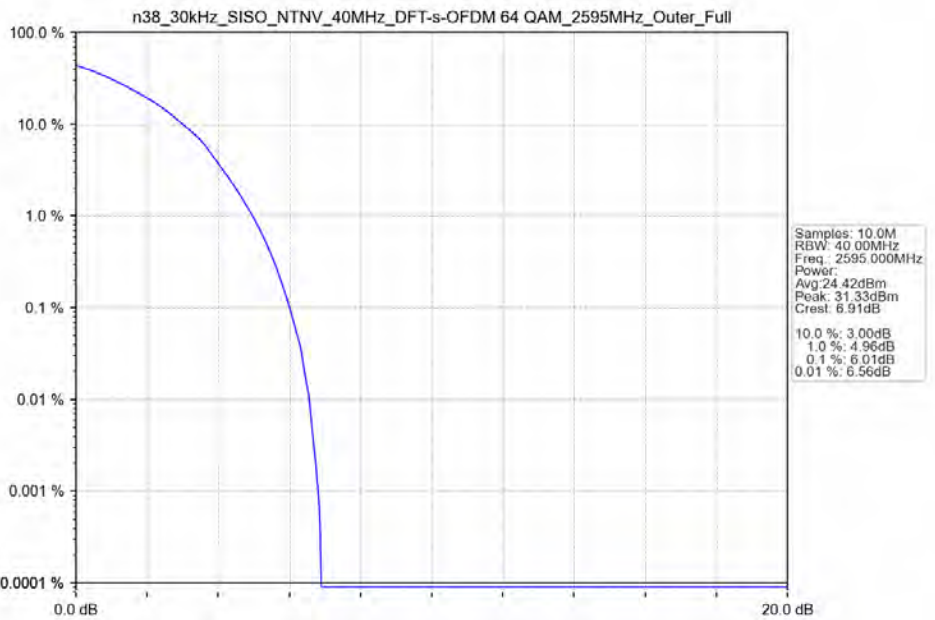
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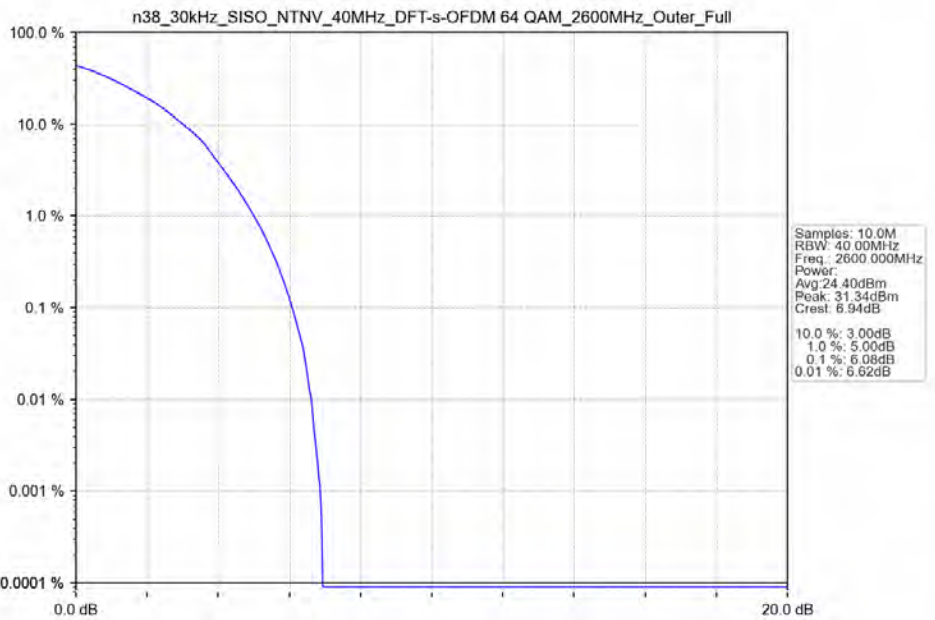
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2590MHz_Outer_Full_Ant41



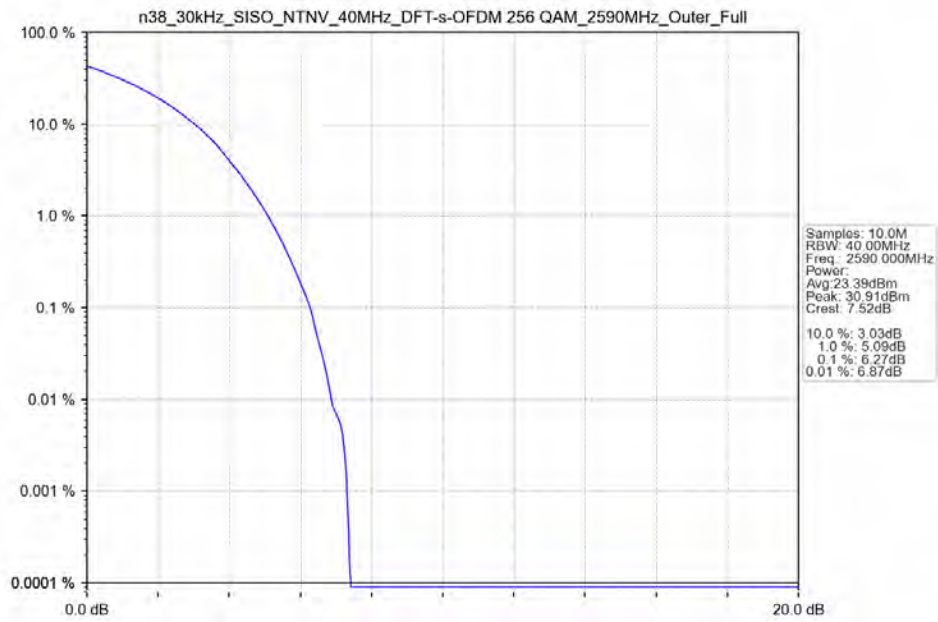
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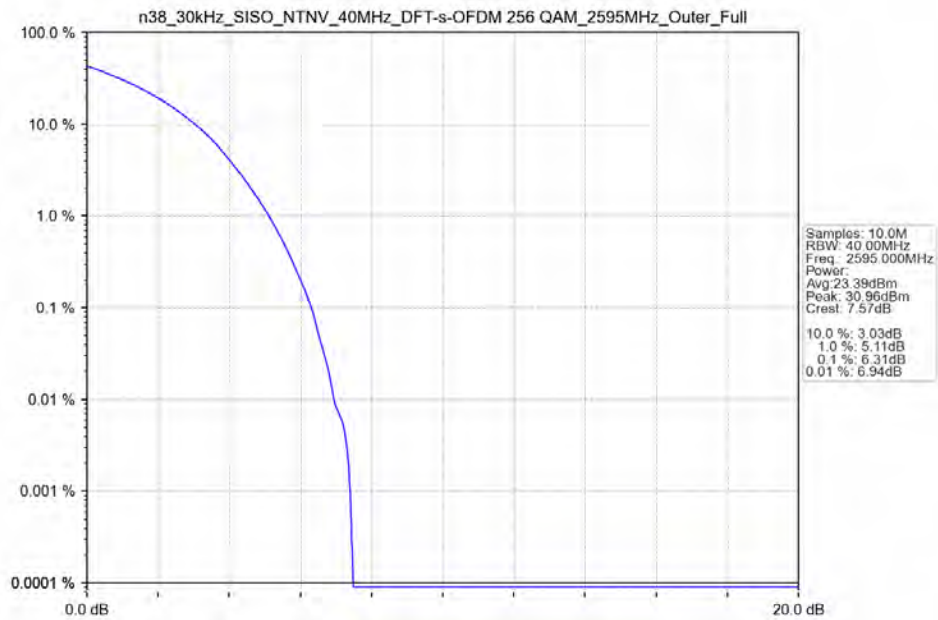
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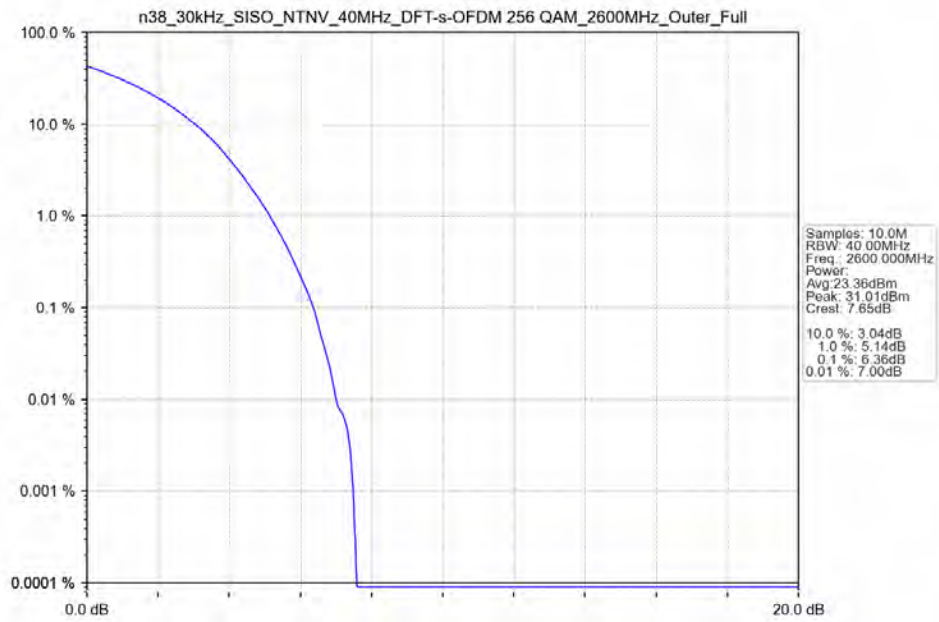
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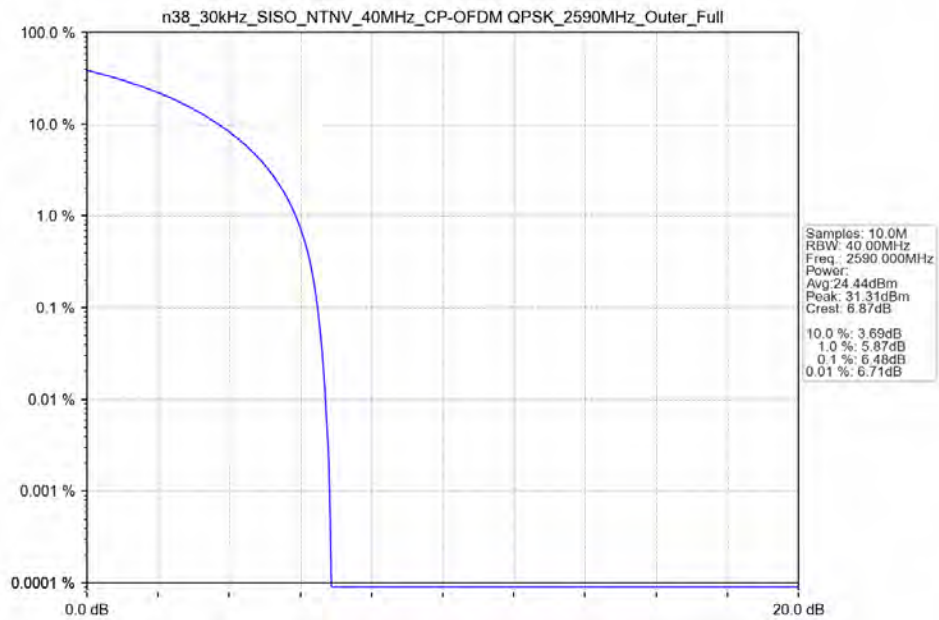
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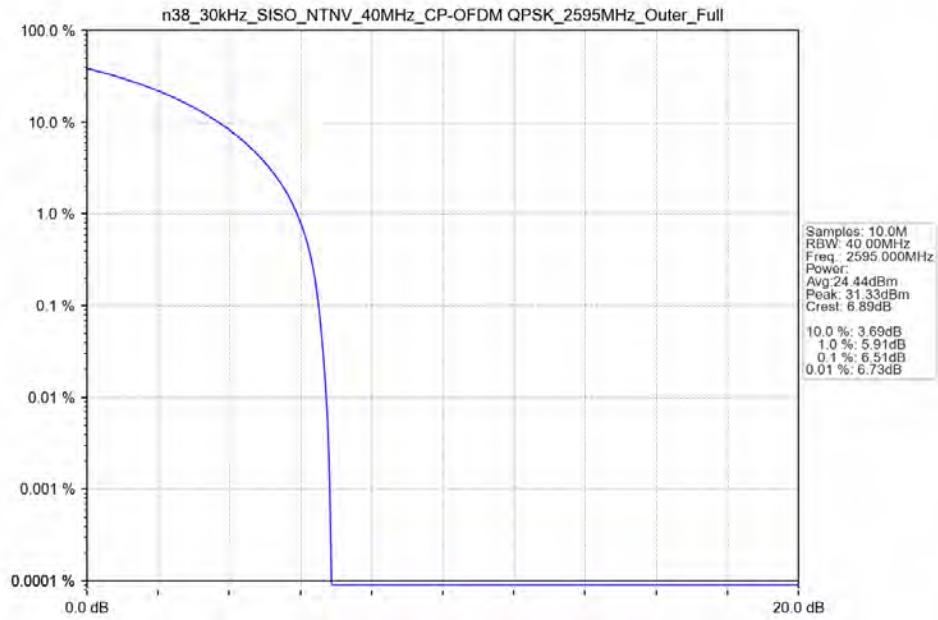
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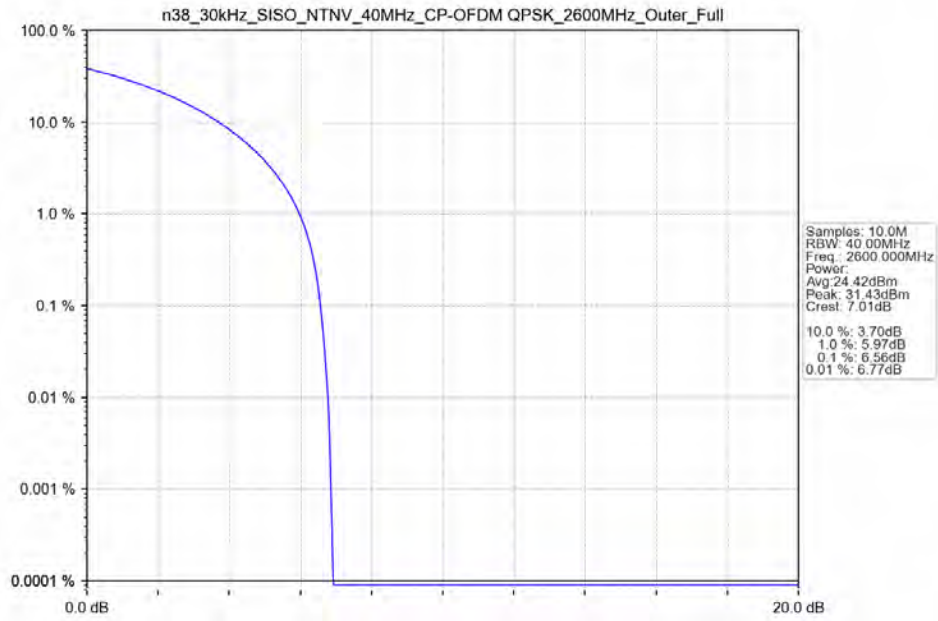
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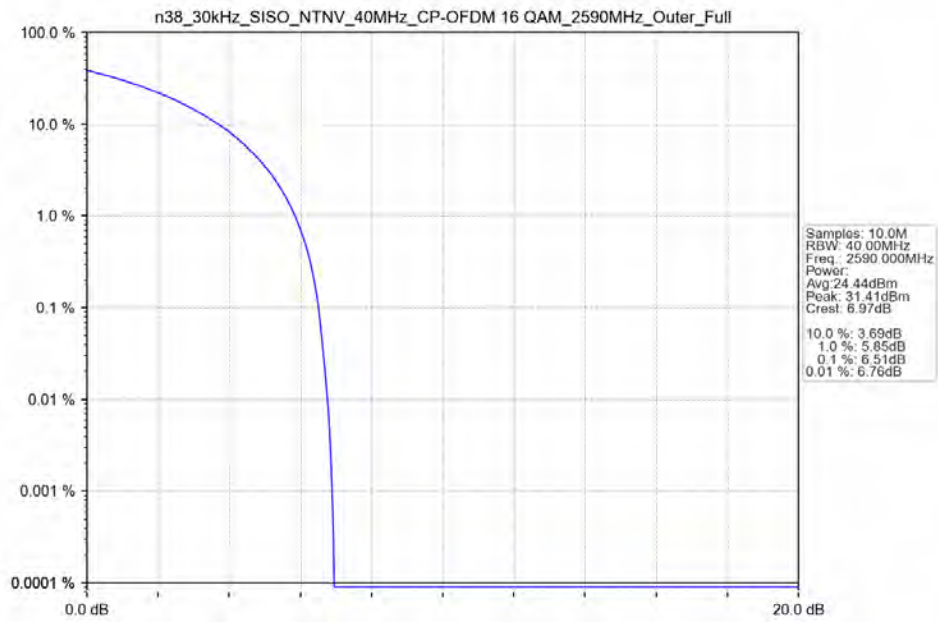
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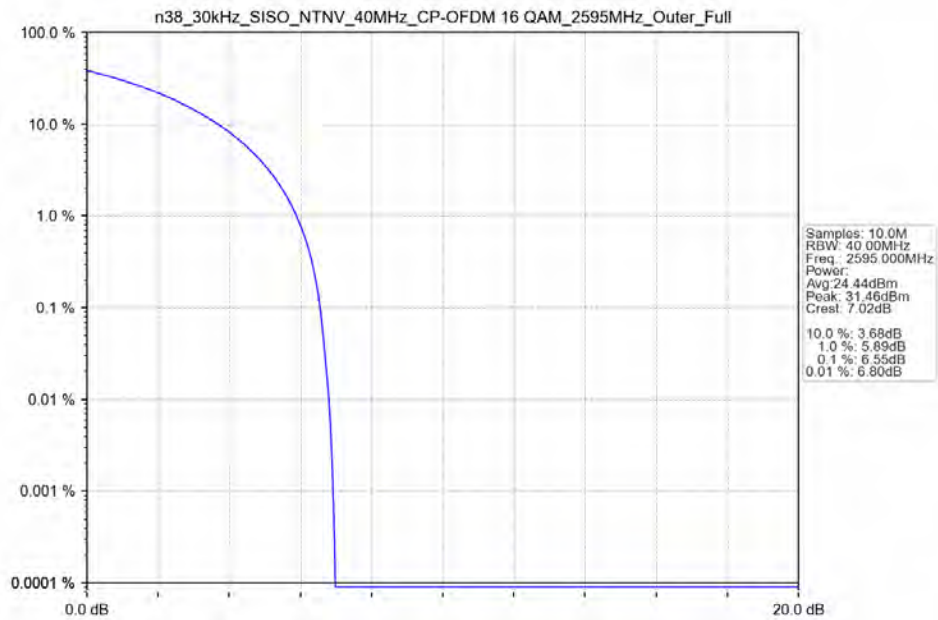
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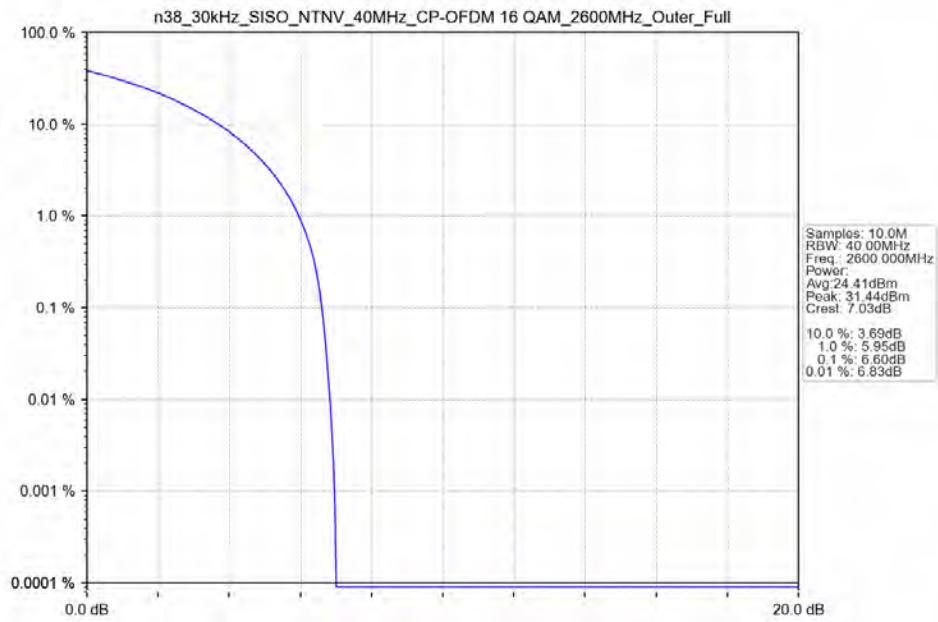
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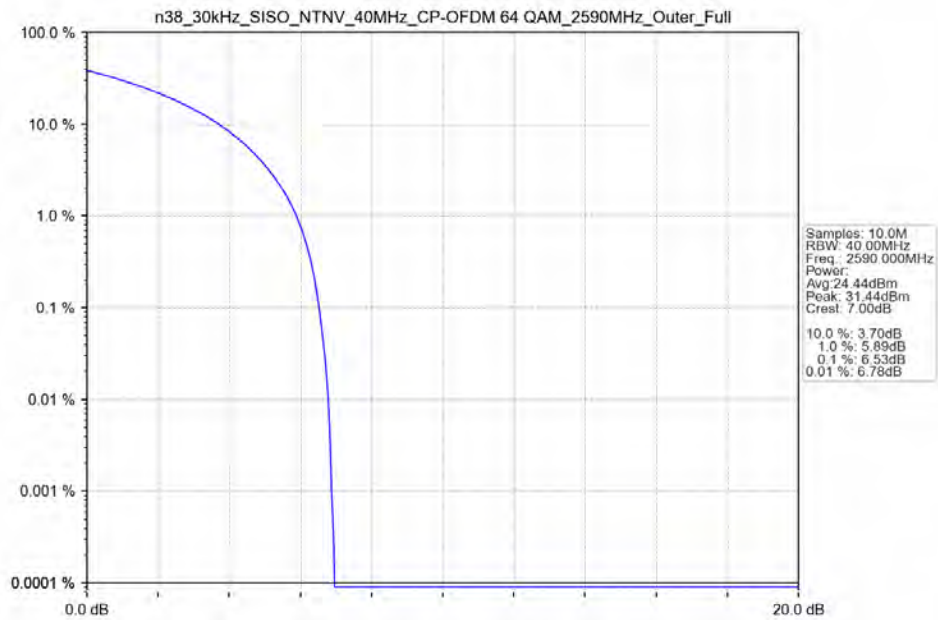
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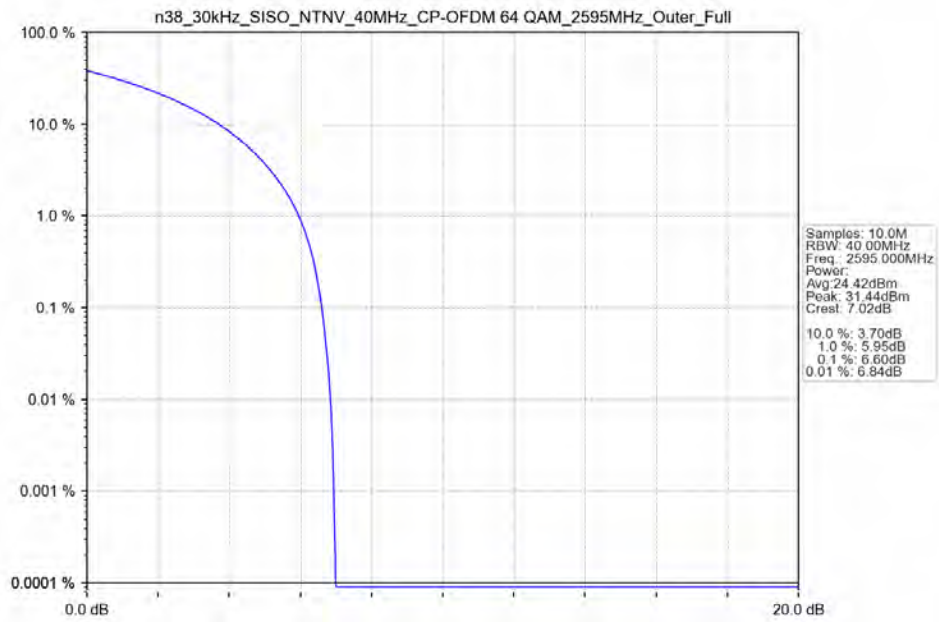
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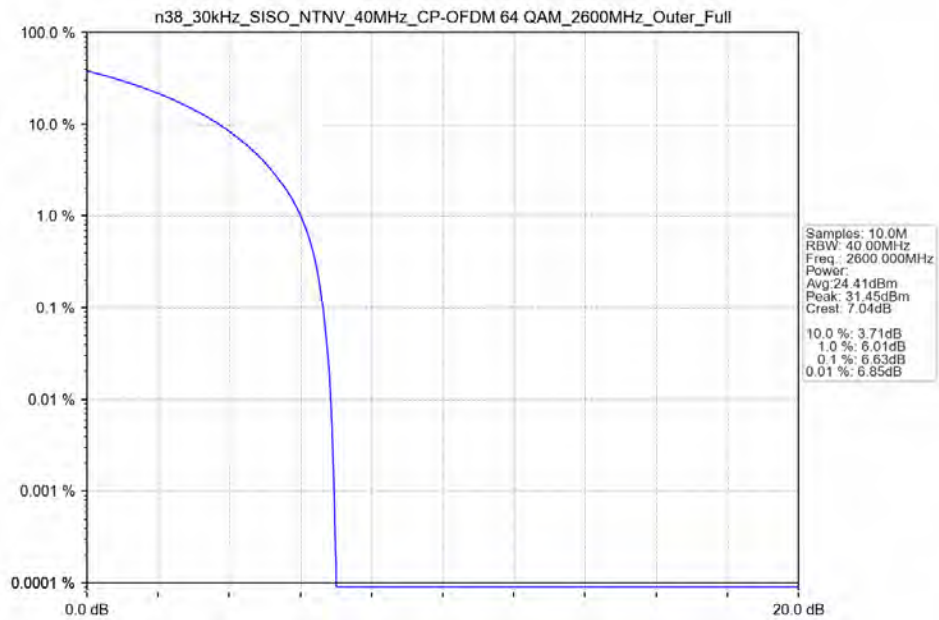
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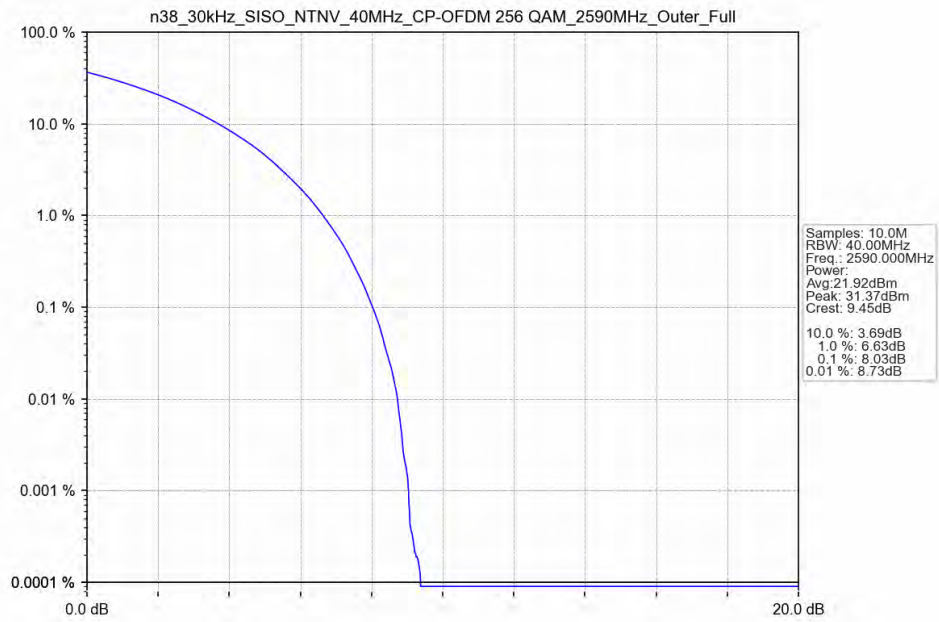
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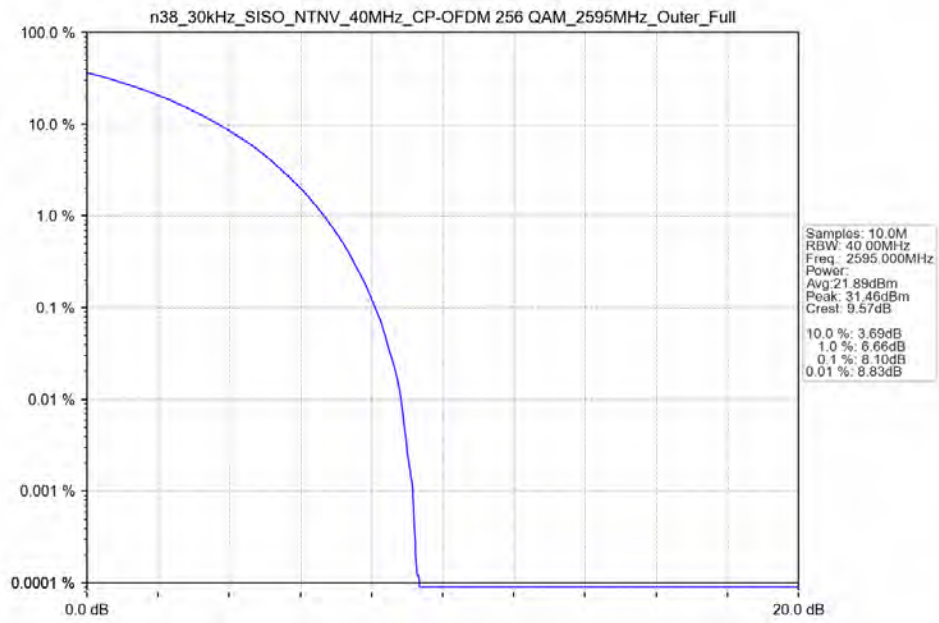
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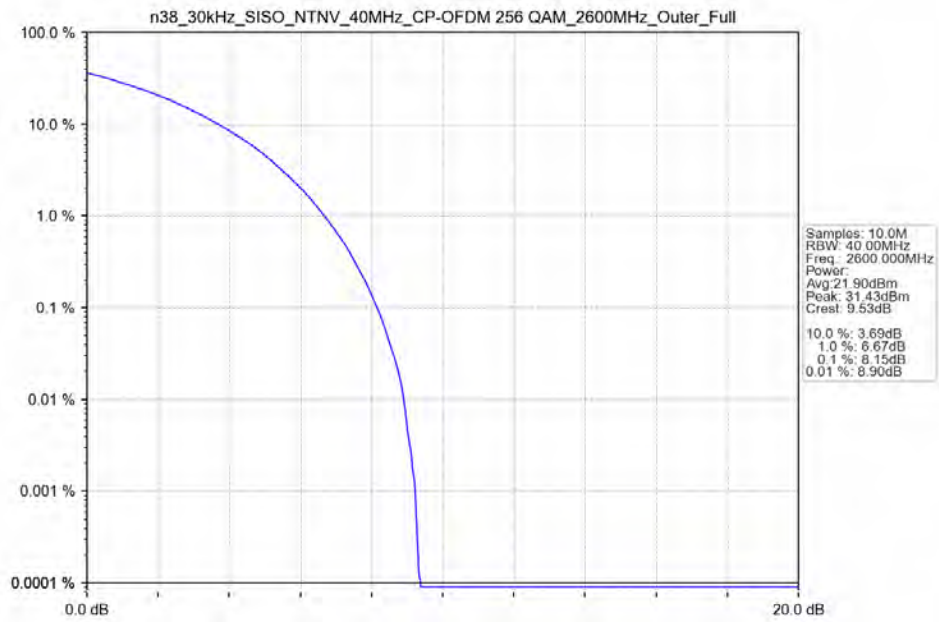
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_2590MHz_Outer_Full_Ant41



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_2595MHz_Outer_Full_Ant41



n38 30kHz SISO NTV 40MHz CP-OFDM 256 QAM 2600MHz Outer Full Ant41



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n38 SCS=30kHz SISO 10MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant41	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	2575	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2615	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	2575	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
2595		Edge_1RB_Left	Refer To Test Graph				Pass	
		2615	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right			Refer To Test Graph				Pass	
CP-OFDM QPSK		2575	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Left		Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2615	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	

5.1.2 30k_SISO_15MHz_NTNV

5G NR n38 SCS=30kHz SISO 15MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant41	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	2577.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2612.5	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	2577.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
2595		Edge_1RB_Left	Refer To Test Graph				Pass	
		2612.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Right			Refer To Test Graph				Pass	
CP-OFDM QPSK		2577.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Left		Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	

	2612.5	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Inner_1RB_Right	Refer To Test Graph	Pass

5.1.3 30k_SISO_20MHz_NTNV

5G NR n38 SCS=30kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant41	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	2580	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2610	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2580		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	2595	Inner_1RB_Left	Refer To Test Graph				Pass	
		2610	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	2580		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2610	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
2610	Inner_1RB_Right		Refer To Test Graph				Pass	

5.1.4 30k_SISO_30MHz_NTNV

5G NR n38 SCS=30kHz SISO 30MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant41	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	2585	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2605	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2585		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	2595	Inner_1RB_Left	Refer To Test Graph				Pass	
		2605	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	2585		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
	2595	Outer_Full	Refer To Test Graph				Pass	
		2605	Inner_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass

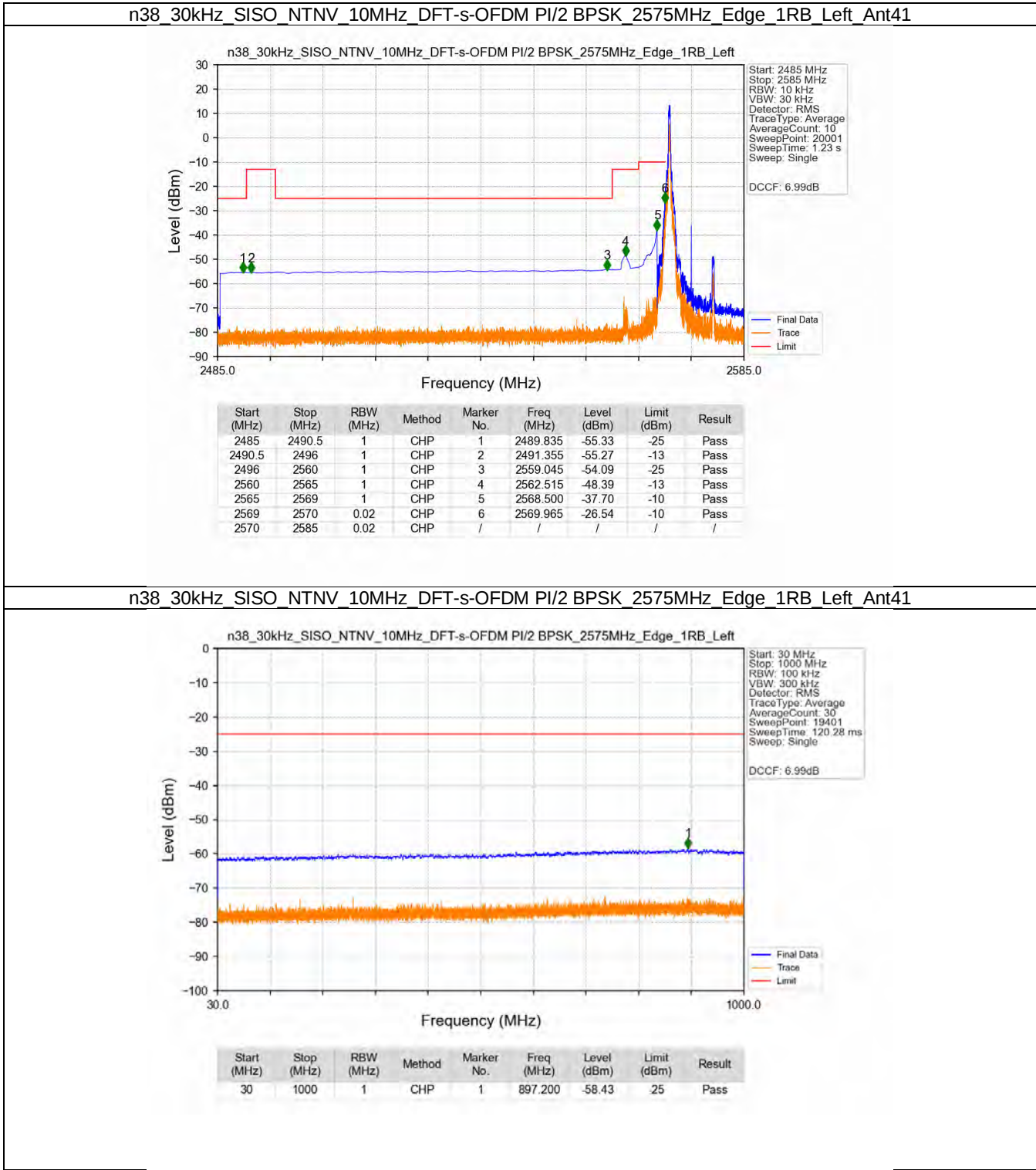
		Inner 1RB Right	Refer To Test Graph	Pass
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5.1.5 30k_SISO_40MHz_NTNV

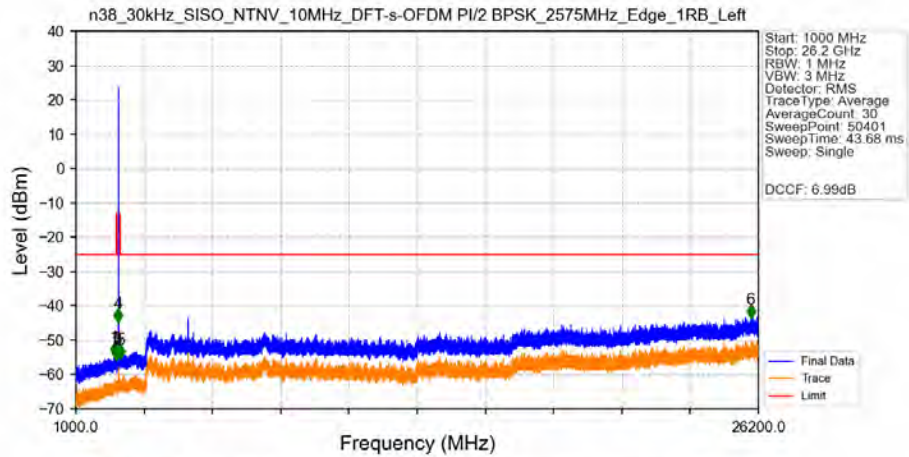
5G NR n38 SCS=30kHz SISO 40MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant41	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	2590	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2600	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2590		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	2595	Inner_1RB_Left	Refer To Test Graph				Pass	
		2600	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	2590		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2600	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
2600	Inner_1RB_Right		Refer To Test Graph				Pass	

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

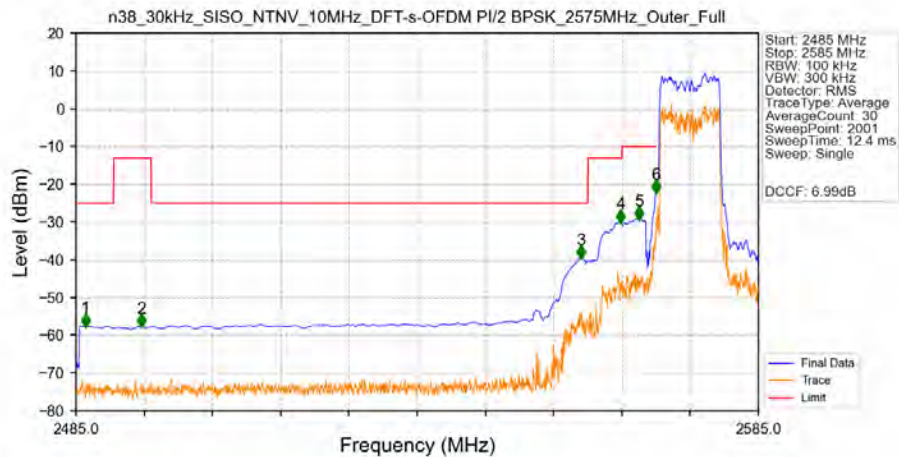


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left_Ant41



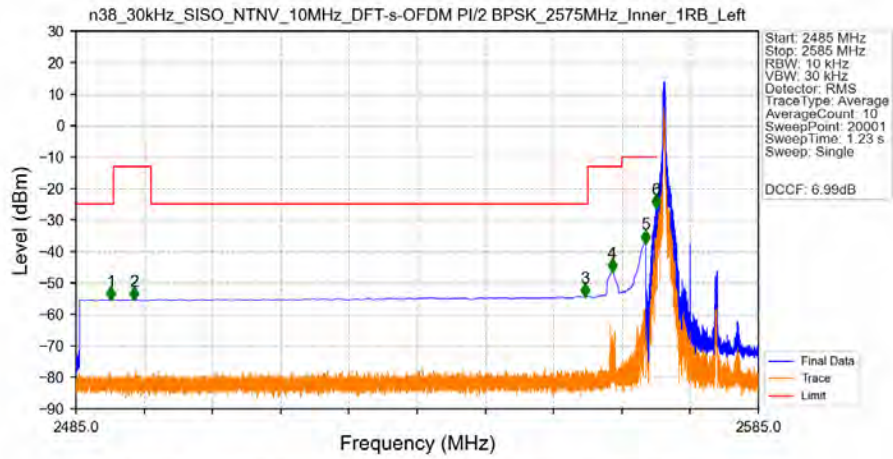
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2415.500	-54.33	-25	Pass
2490.5	2496	1	/	2	2494.000	-55.50	-13	Pass
2496	2560	1	/	3	2524.000	-54.83	-25	Pass
2560	2565	1	/	4	2562.500	-44.49	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2625.500	-55.15	-13	Pass
2630	26200	1	/	6	25918.000	-43.29	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Outer_Full_Ant41



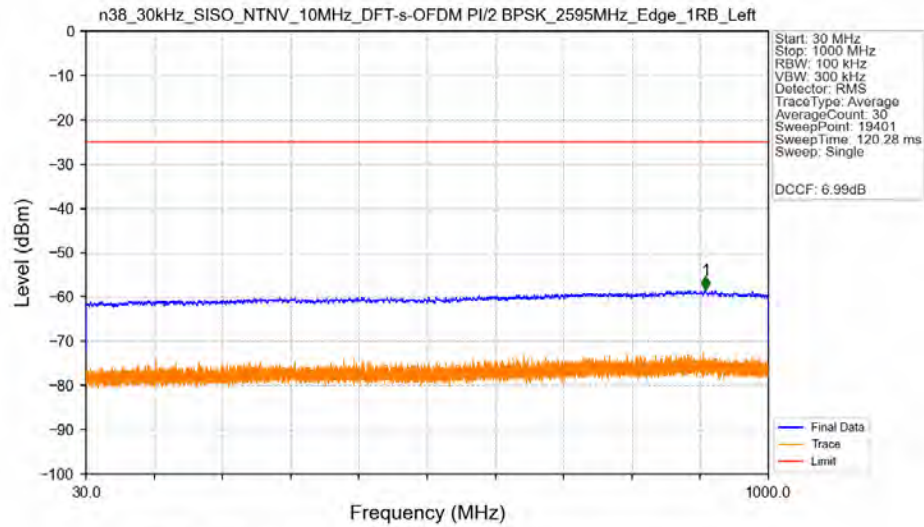
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.400	-57.57	-25	Pass
2490.5	2496	1	CHP	2	2494.600	-57.63	-13	Pass
2496	2560	1	CHP	3	2559.050	-39.56	-25	Pass
2560	2565	1	CHP	4	2564.800	-29.98	-13	Pass
2565	2569	1	CHP	5	2567.550	-29.28	-10	Pass
2569	2570	0.207	CHP	6	2569.950	-22.14	-10	Pass
2570	2585	0.207	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Inner_1RB_Left_Ant41



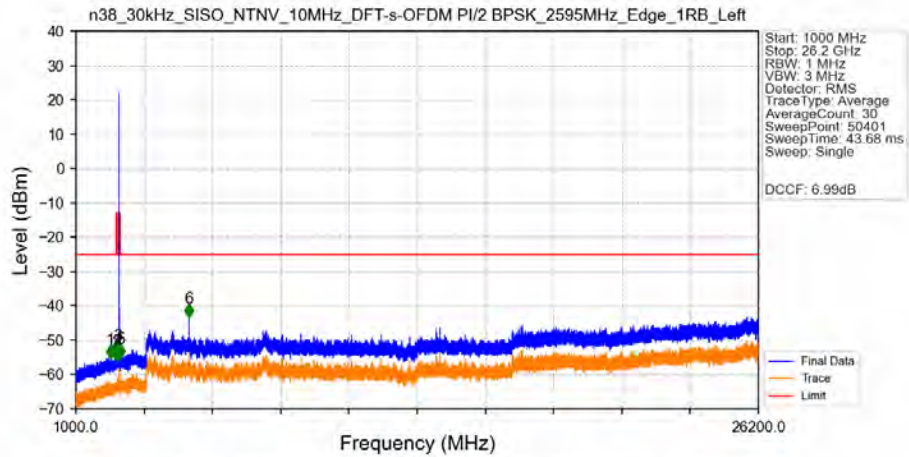
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.100	-55.31	-25	Pass
2490.5	2496	1	CHP	2	2493.530	-55.22	-13	Pass
2496	2560	1	CHP	3	2559.635	-54.30	-25	Pass
2560	2565	1	CHP	4	2563.595	-46.36	-13	Pass
2565	2569	1	CHP	5	2568.495	-37.23	-10	Pass
2569	2570	0.02	CHP	6	2569.940	-26.03	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant41



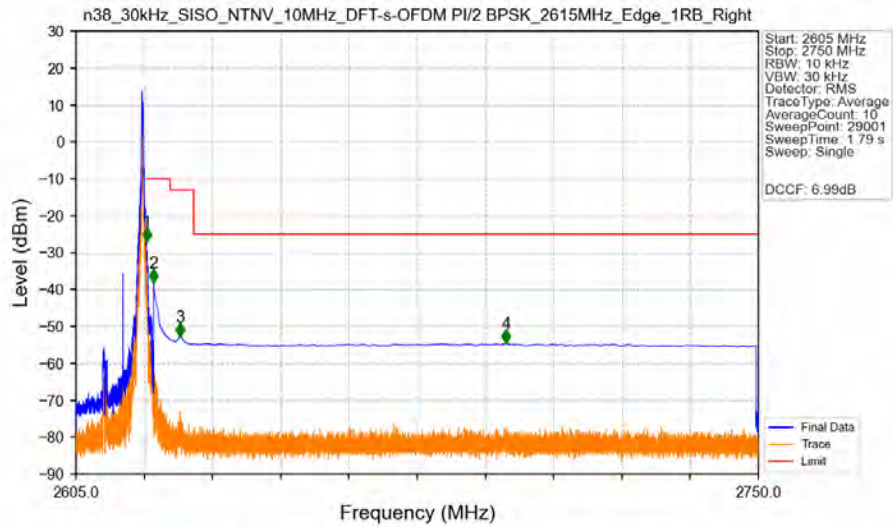
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	910.750	-58.41	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant41



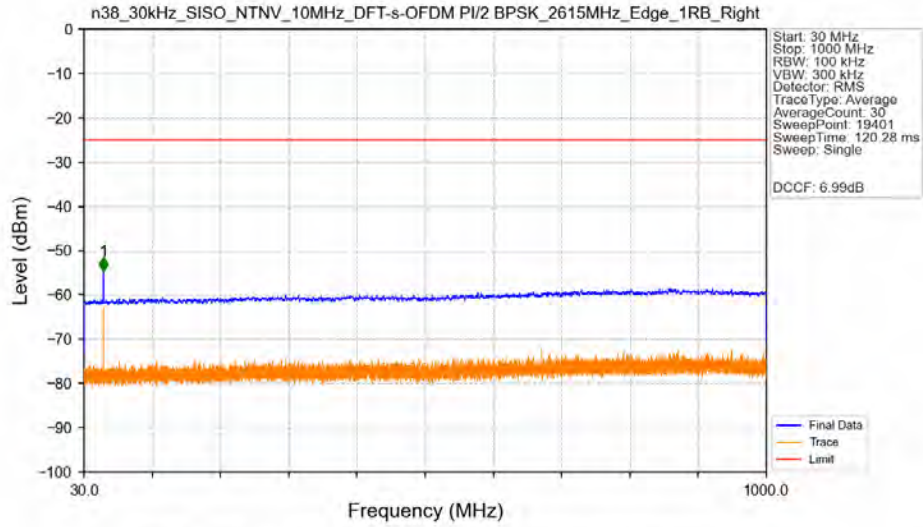
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2267.500	-55.09	-25	Pass
2490.5	2496	1	/	2	2495.000	-55.62	-13	Pass
2496	2560	1	/	3	2537.000	-54.05	-25	Pass
2560	2565	1	/	4	2564.000	-55.48	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2627.000	-54.88	-13	Pass
2630	26200	1	/	6	5181.500	-43.11	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant41

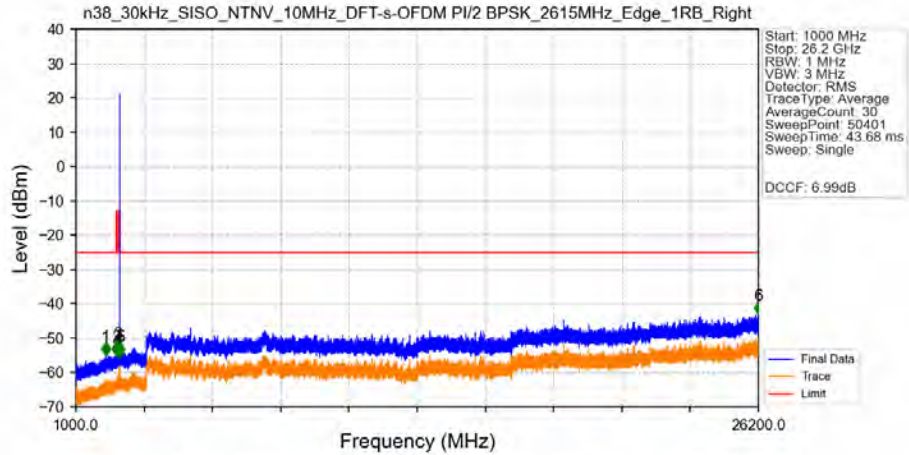


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-26.95	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.14	-10	Pass
2625	2630	1	CHP	3	2627.190	-52.80	-13	Pass
2630	2750	1	CHP	4	2696.405	-54.59	-25	Pass

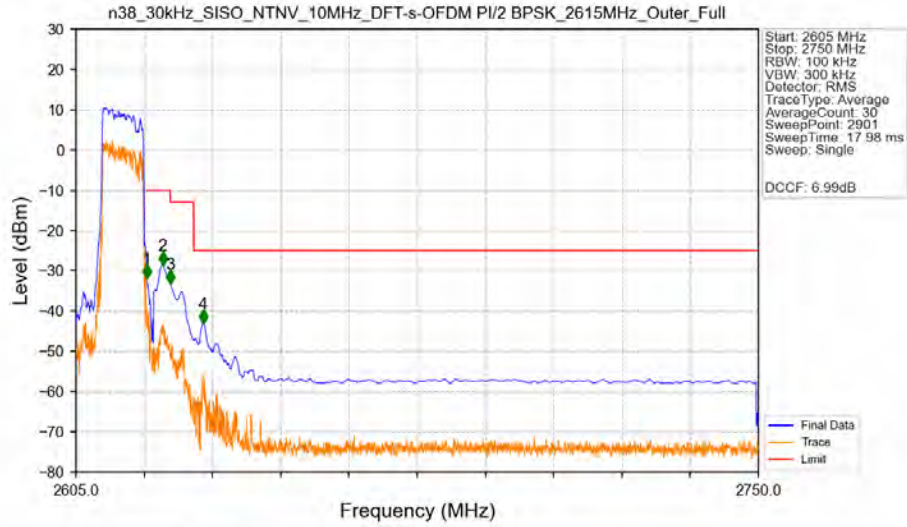
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant41



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2615MHz_Edge_1RB_Right_Ant41

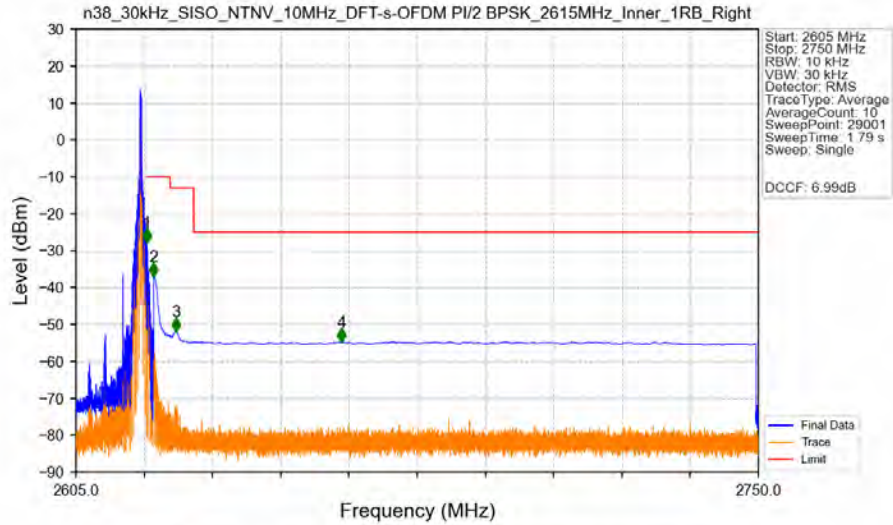


n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Outer_Full_Ant41



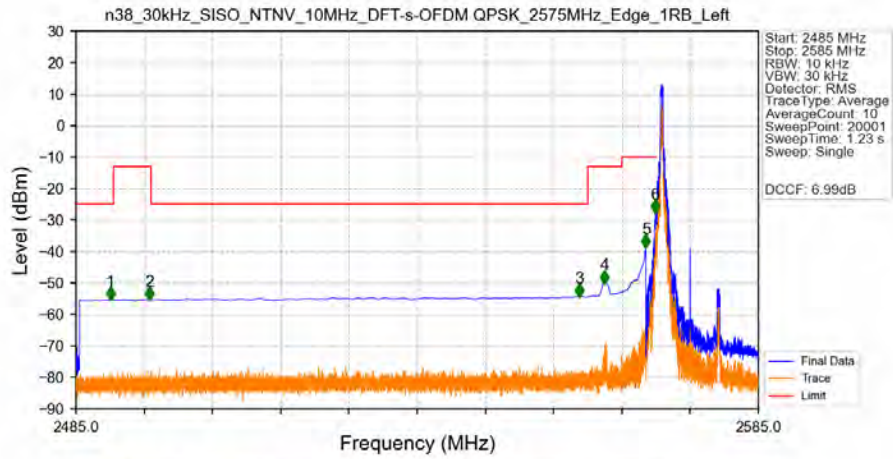
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.205	CHP	/	/	/	/	/
2620	2621	0.205	CHP	1	2620.050	-31.82	-10	Pass
2621	2625	1	CHP	2	2623.450	-28.60	-10	Pass
2625	2630	1	CHP	3	2625.050	-33.18	-13	Pass
2630	2750	1	CHP	4	2632.050	-43.13	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Inner_1RB_Right_Ant41



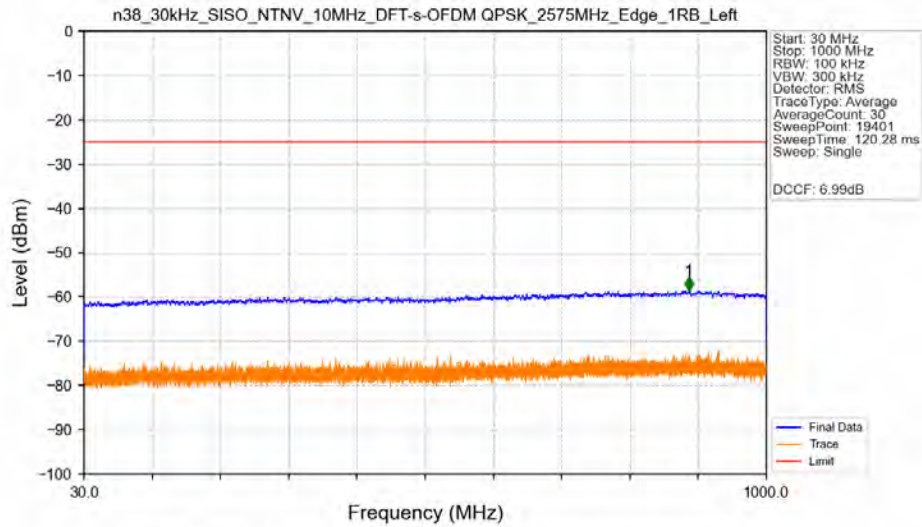
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.025	-27.91	-10	Pass
2621	2625	1	CHP	2	2621.500	-37.11	-10	Pass
2625	2630	1	CHP	3	2626.180	-51.86	-13	Pass
2630	2750	1	CHP	4	2661.405	-54.67	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant41



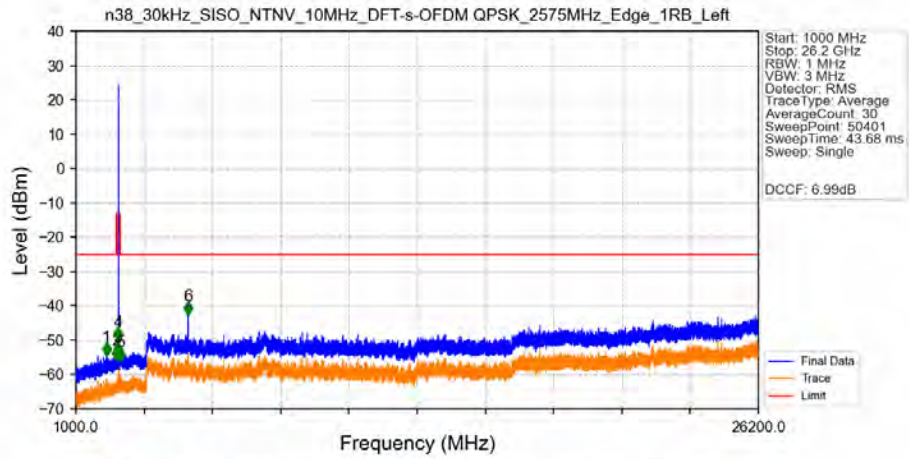
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.035	-55.35	-25	Pass
2490.5	2496	1	CHP	2	2495.805	-55.22	-13	Pass
2496	2560	1	CHP	3	2558.785	-54.26	-25	Pass
2560	2565	1	CHP	4	2562.450	-50.04	-13	Pass
2565	2569	1	CHP	5	2568.500	-38.58	-10	Pass
2569	2570	0.02	CHP	6	2569.925	-27.54	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant41



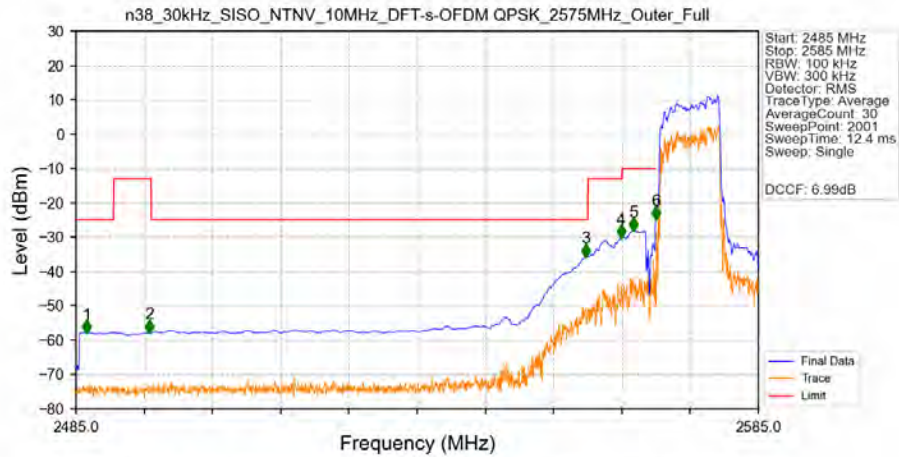
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.650	-58.58	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant41



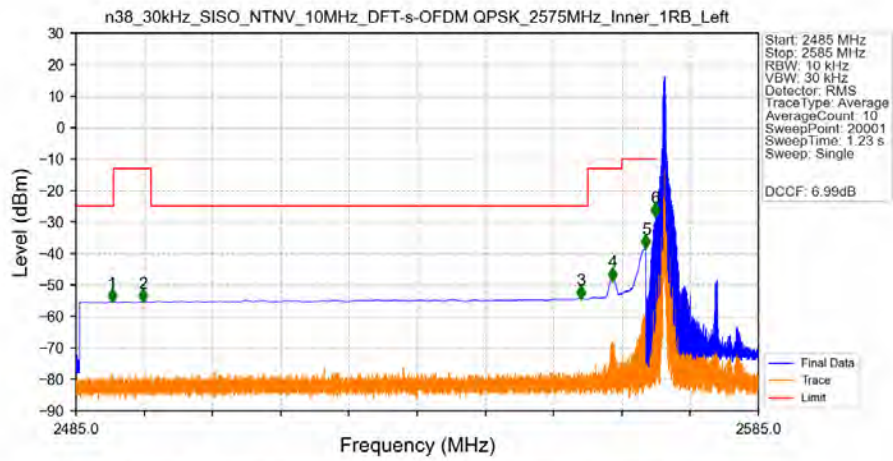
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2132.000	-54.31	-25	Pass
2490.5	2496	1	/	2	2493.000	-55.43	-13	Pass
2496	2560	1	/	3	2560.000	-54.40	-25	Pass
2560	2565	1	/	4	2562.500	-49.85	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2627.000	-55.75	-13	Pass
2630	26200	1	/	6	5141.500	-42.46	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Outer_Full_Ant41



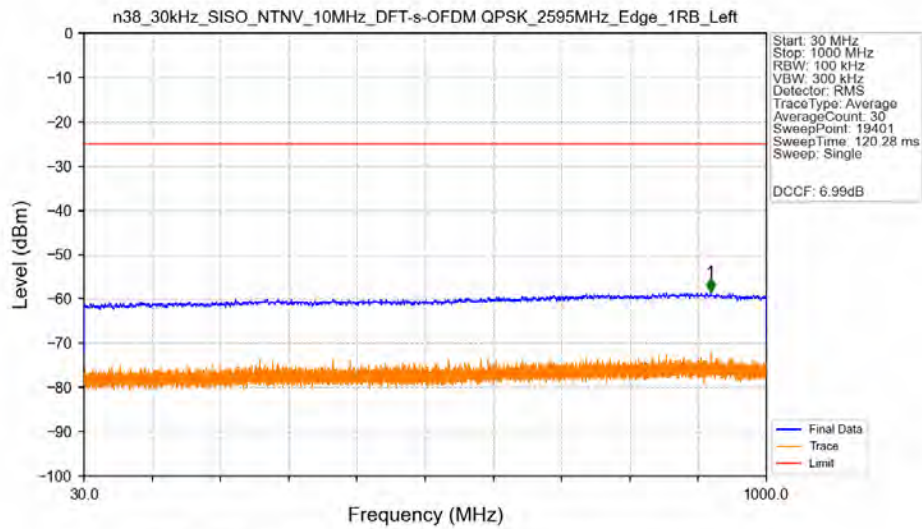
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.550	-57.73	-25	Pass
2490.5	2496	1	CHP	2	2495.800	-57.69	-13	Pass
2496	2560	1	CHP	3	2559.650	-35.60	-25	Pass
2560	2565	1	CHP	4	2564.850	-30.00	-13	Pass
2565	2569	1	CHP	5	2566.650	-27.96	-10	Pass
2569	2570	0.205	CHP	6	2569.950	-24.62	-10	Pass
2570	2585	0.205	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2575MHz_Inner_1RB_Left_Ant41



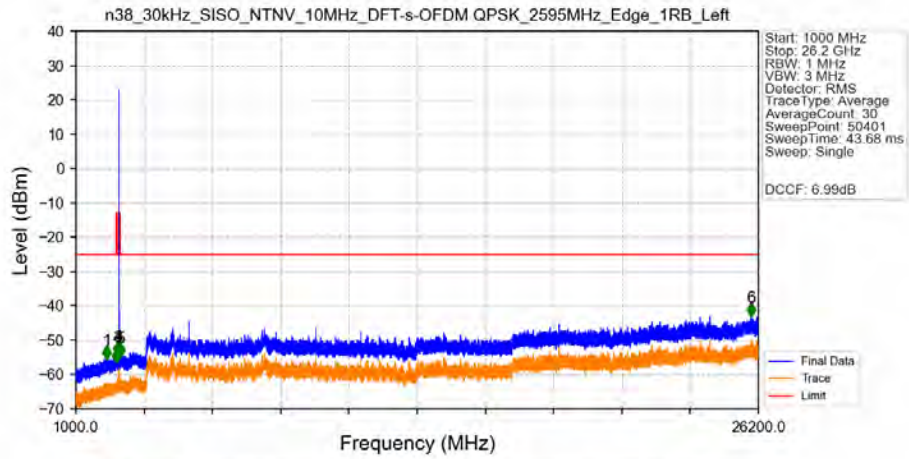
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.305	-55.33	-25	Pass
2490.5	2496	1	CHP	2	2494.795	-55.31	-13	Pass
2496	2560	1	CHP	3	2558.940	-54.22	-25	Pass
2560	2565	1	CHP	4	2563.660	-48.50	-13	Pass
2565	2569	1	CHP	5	2568.500	-38.13	-10	Pass
2569	2570	0.02	CHP	6	2569.910	-28.04	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant41



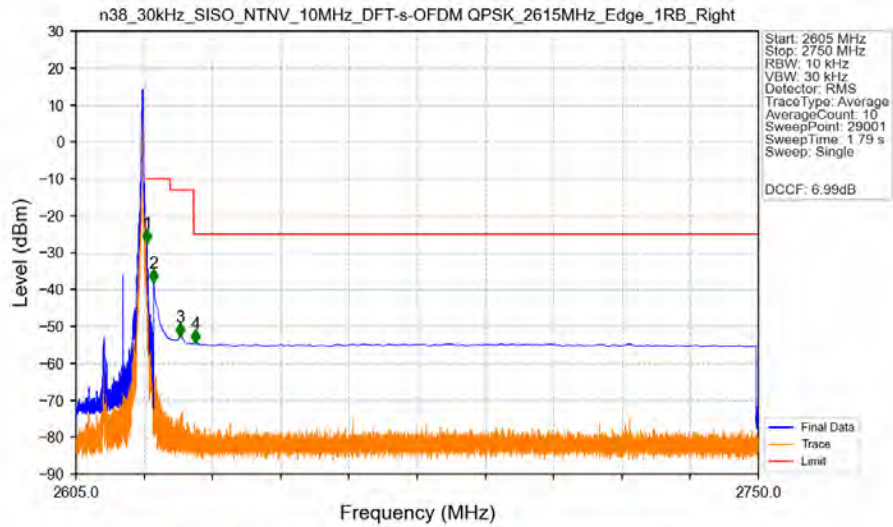
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	920.800	-58.40	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant41



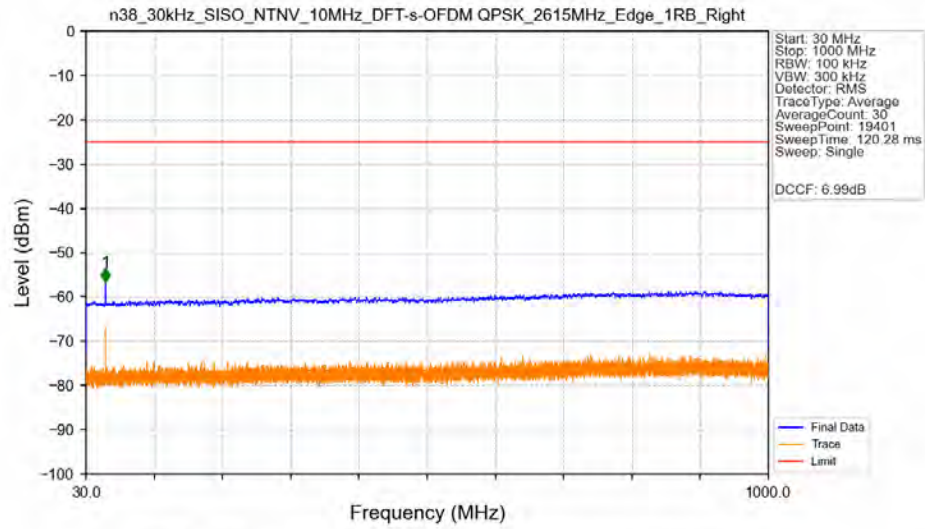
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2142.500	-55.27	-25	Pass
2490.5	2496	1	/	2	2494.500	-56.29	-13	Pass
2496	2560	1	/	3	2545.500	-54.34	-25	Pass
2560	2565	1	/	4	2562.500	-54.15	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2626.000	-54.61	-13	Pass
2630	26200	1	/	6	25945.000	-42.93	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant41

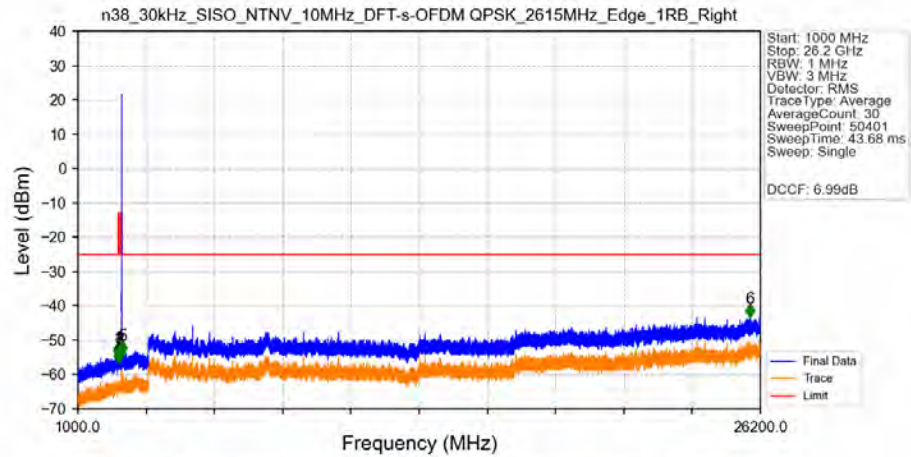


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.100	-27.32	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.22	-10	Pass
2625	2630	1	CHP	3	2627.160	-52.73	-13	Pass
2630	2750	1	CHP	4	2630.405	-54.54	-25	Pass

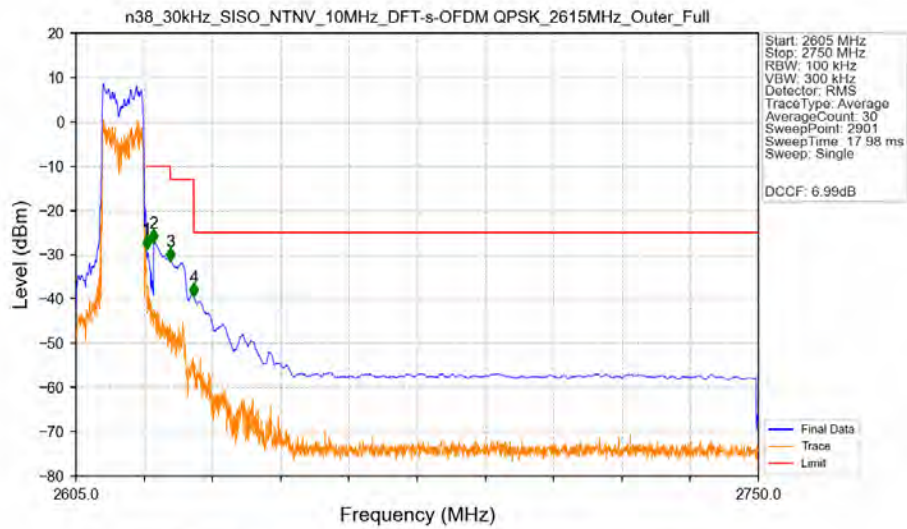
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant41



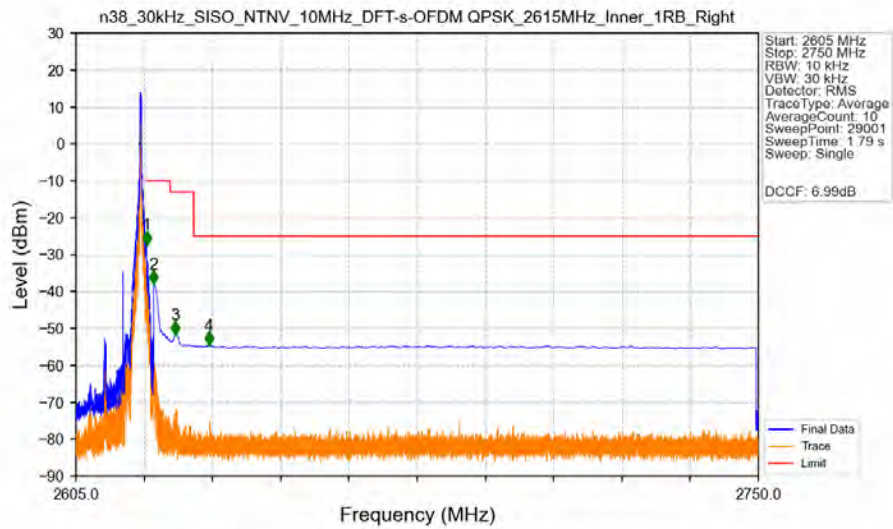
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant41



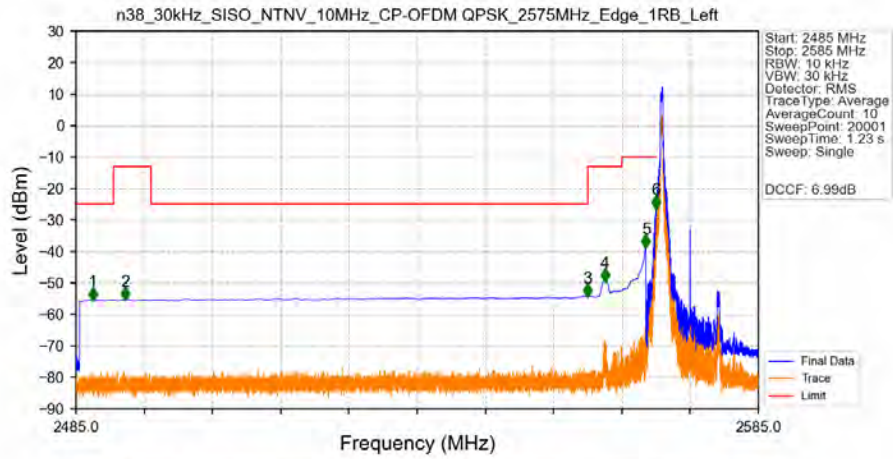
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Outer_Full_Ant41



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2615MHz_Inner_1RB_Right_Ant41

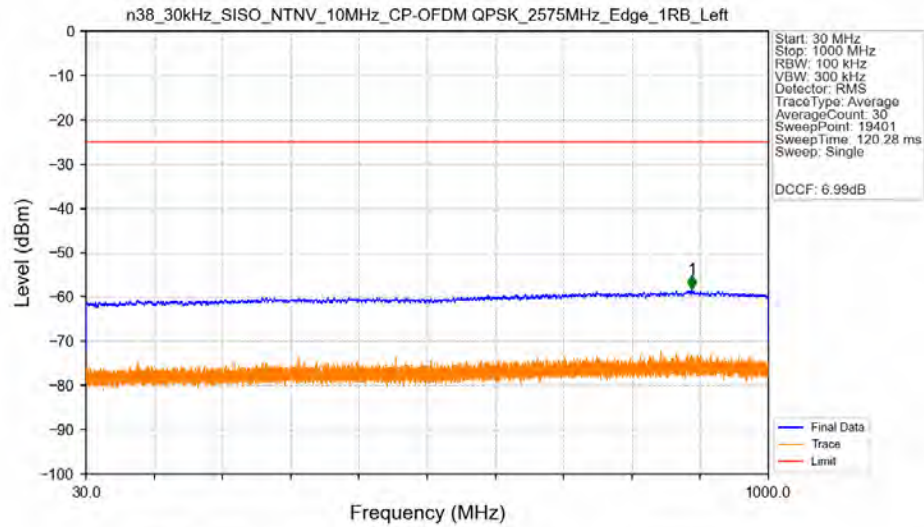


n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant41



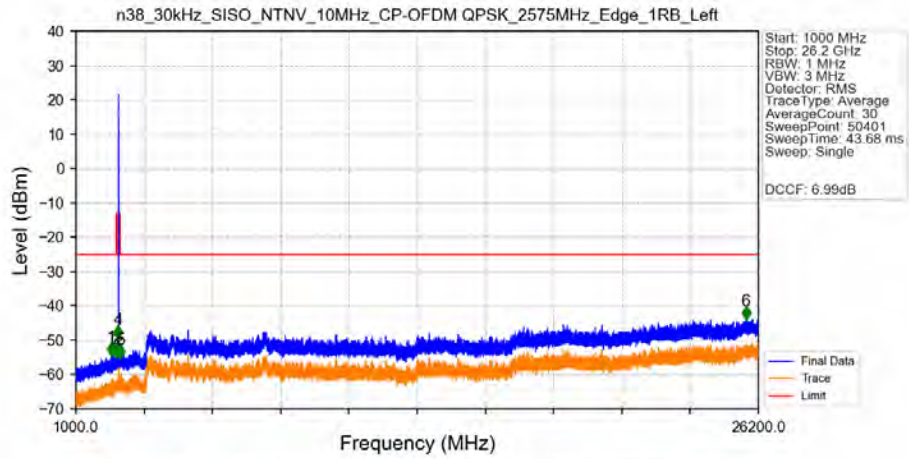
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.480	-55.40	-25	Pass
2490.5	2496	1	CHP	2	2492.175	-55.23	-13	Pass
2496	2560	1	CHP	3	2559.905	-54.30	-25	Pass
2560	2565	1	CHP	4	2562.490	-49.43	-13	Pass
2565	2569	1	CHP	5	2568.500	-38.64	-10	Pass
2569	2570	0.02	CHP	6	2569.965	-26.17	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Edge_1RB_Left_Ant41

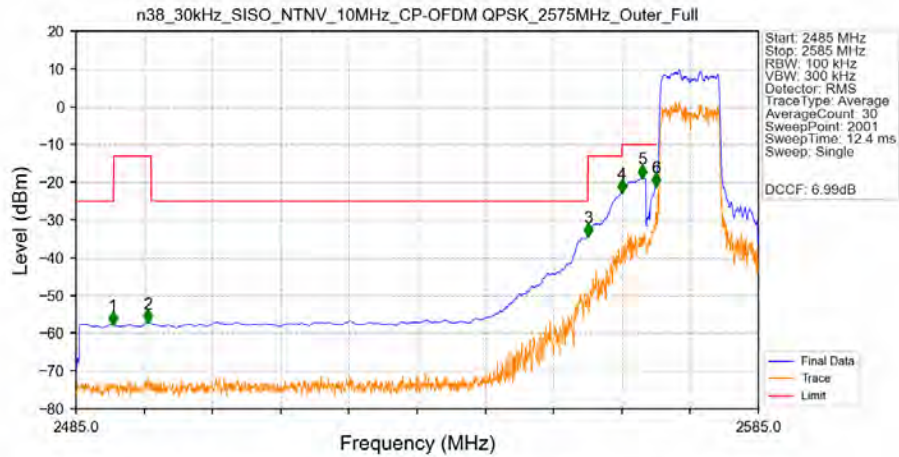


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	891.350	-58.21	-25	Pass

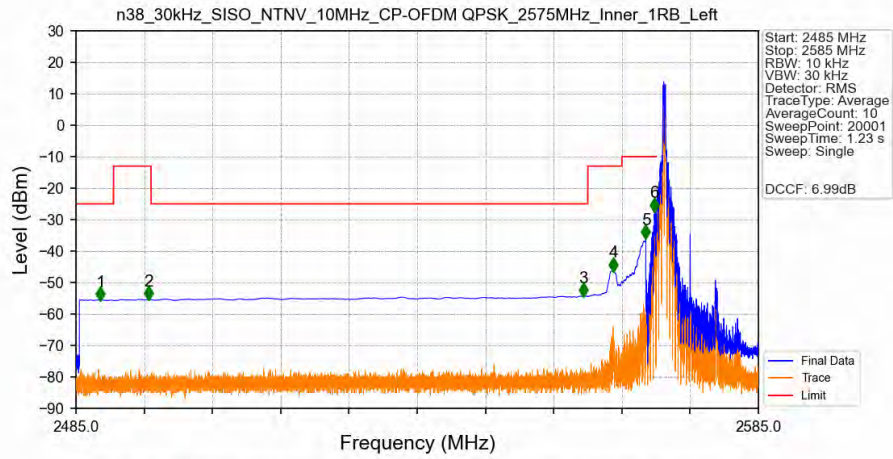
n38 30kHz SISO NTNv 10MHz CP-OFDM QPSK 2575MHz Edge 1RB Left Ant41



n38 30kHz SISO NTNv 10MHz CP-OFDM QPSK 2575MHz Outer_Full Ant41

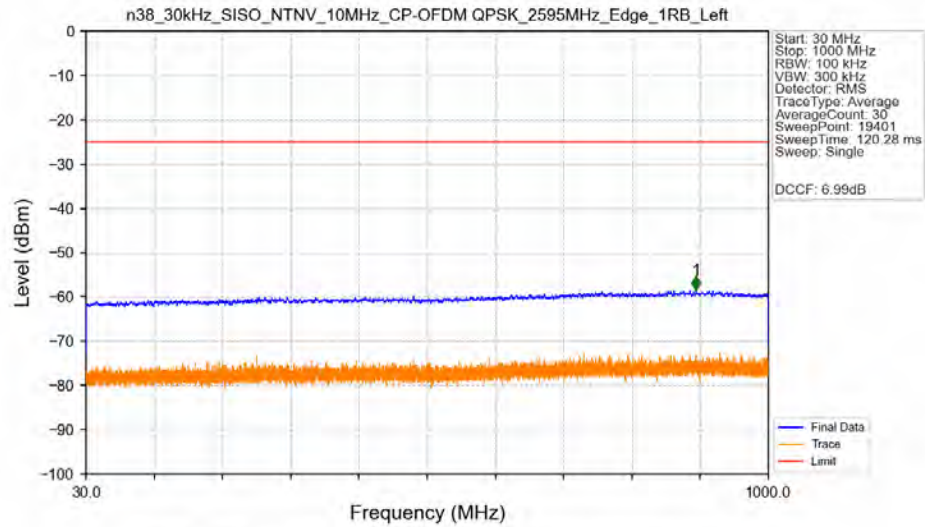


n38 30kHz SISO NTNv 10MHz CP-OFDM QPSK 2575MHz Inner 1RB Left Ant41



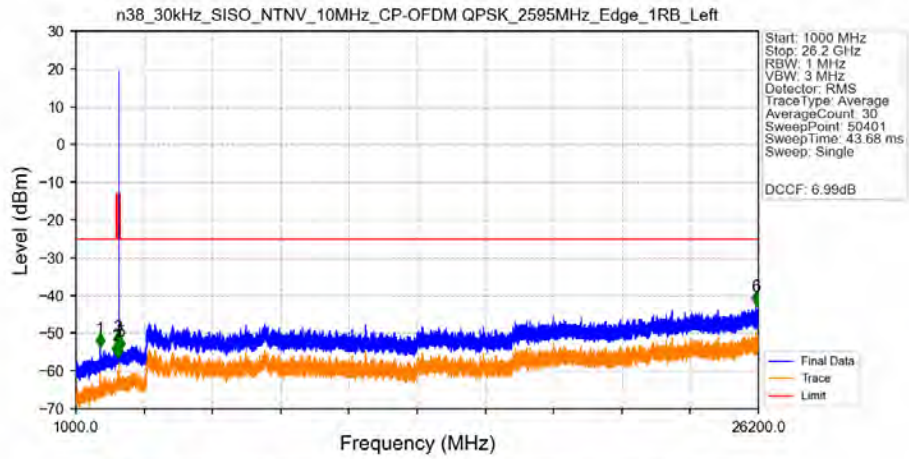
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.565	-55.47	-25	Pass
2490.5	2496	1	CHP	2	2495.610	-55.34	-13	Pass
2496	2560	1	CHP	3	2559.335	-54.20	-25	Pass
2560	2565	1	CHP	4	2563.735	-46.20	-13	Pass
2565	2569	1	CHP	5	2568.500	-35.84	-10	Pass
2569	2570	0.02	CHP	6	2569.800	-27.22	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

n38 30kHz SISO NTNv 10MHz CP-OFDM QPSK 2595MHz Edge 1RB Left Ant41



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	897.050	-58.35	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant41



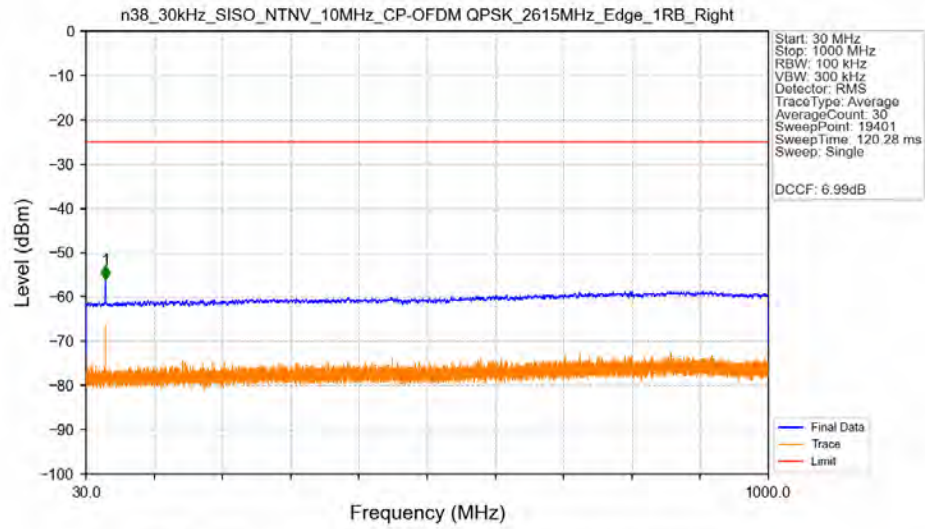
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1893.000	-53.50	-25	Pass
2490.5	2496	1	/	2	2494.500	-55.50	-13	Pass
2496	2560	1	/	3	2543.500	-53.07	-25	Pass
2560	2565	1	/	4	2561.000	-56.12	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2630	1	/	5	2627.500	-54.35	-13	Pass
2630	26200	1	/	6	26107.500	-42.35	-25	Pass

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant41

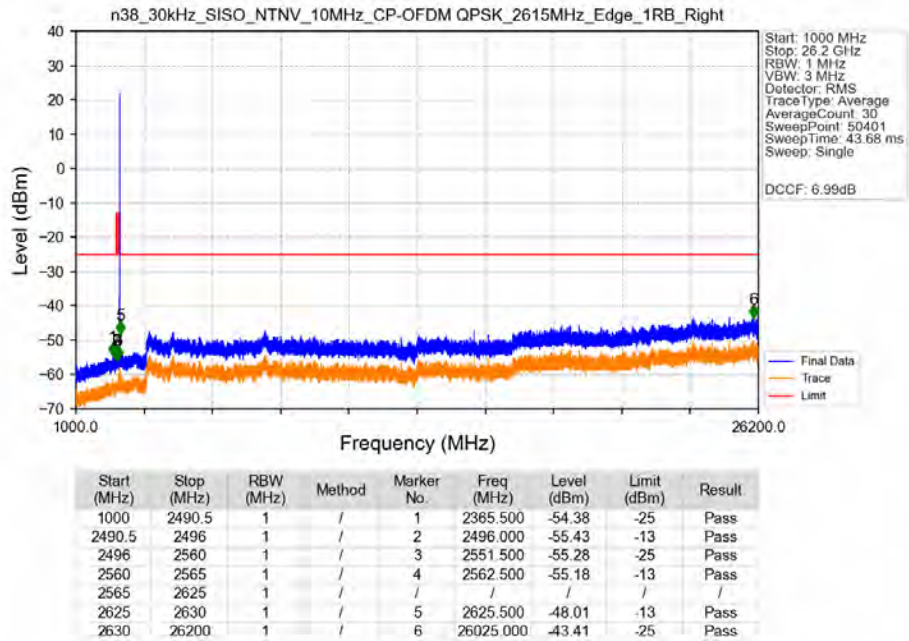


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.140	-29.78	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.86	-10	Pass
2625	2630	1	CHP	3	2627.085	-53.00	-13	Pass
2630	2750	1	CHP	4	2630.315	-54.76	-25	Pass

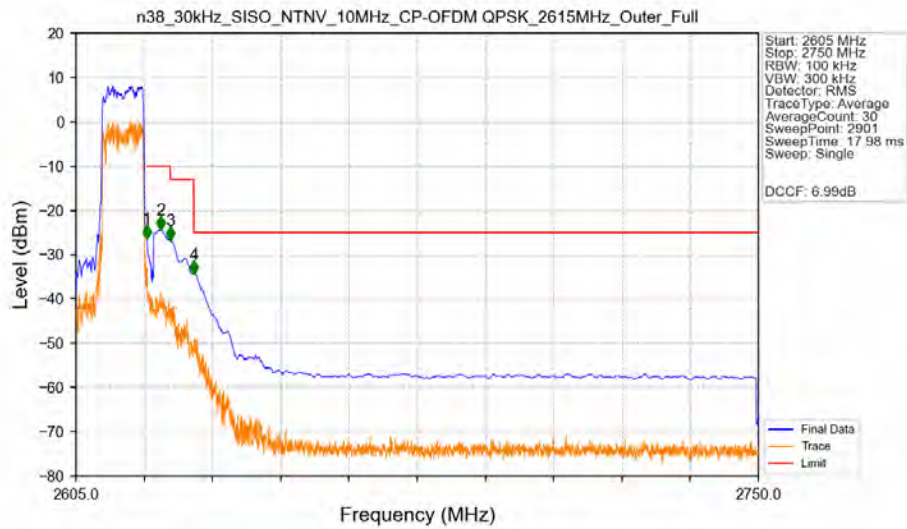
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant41



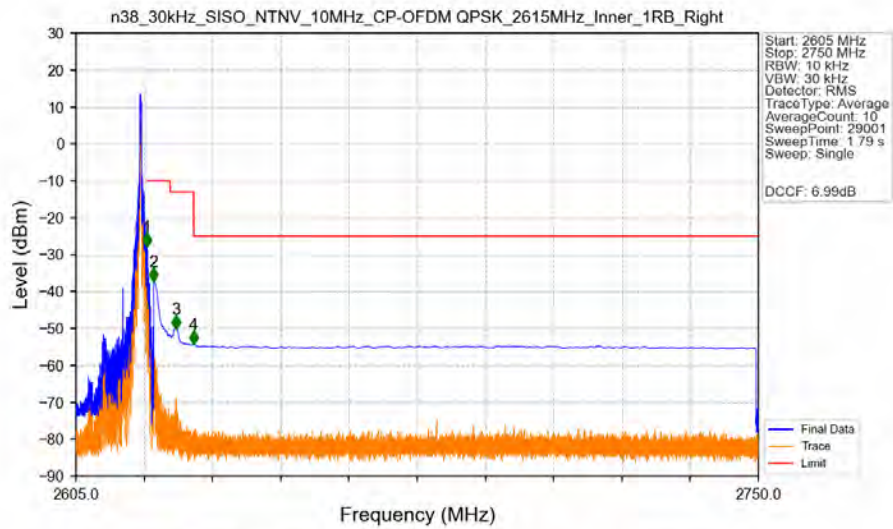
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2615MHz_Edge_1RB_Right_Ant41



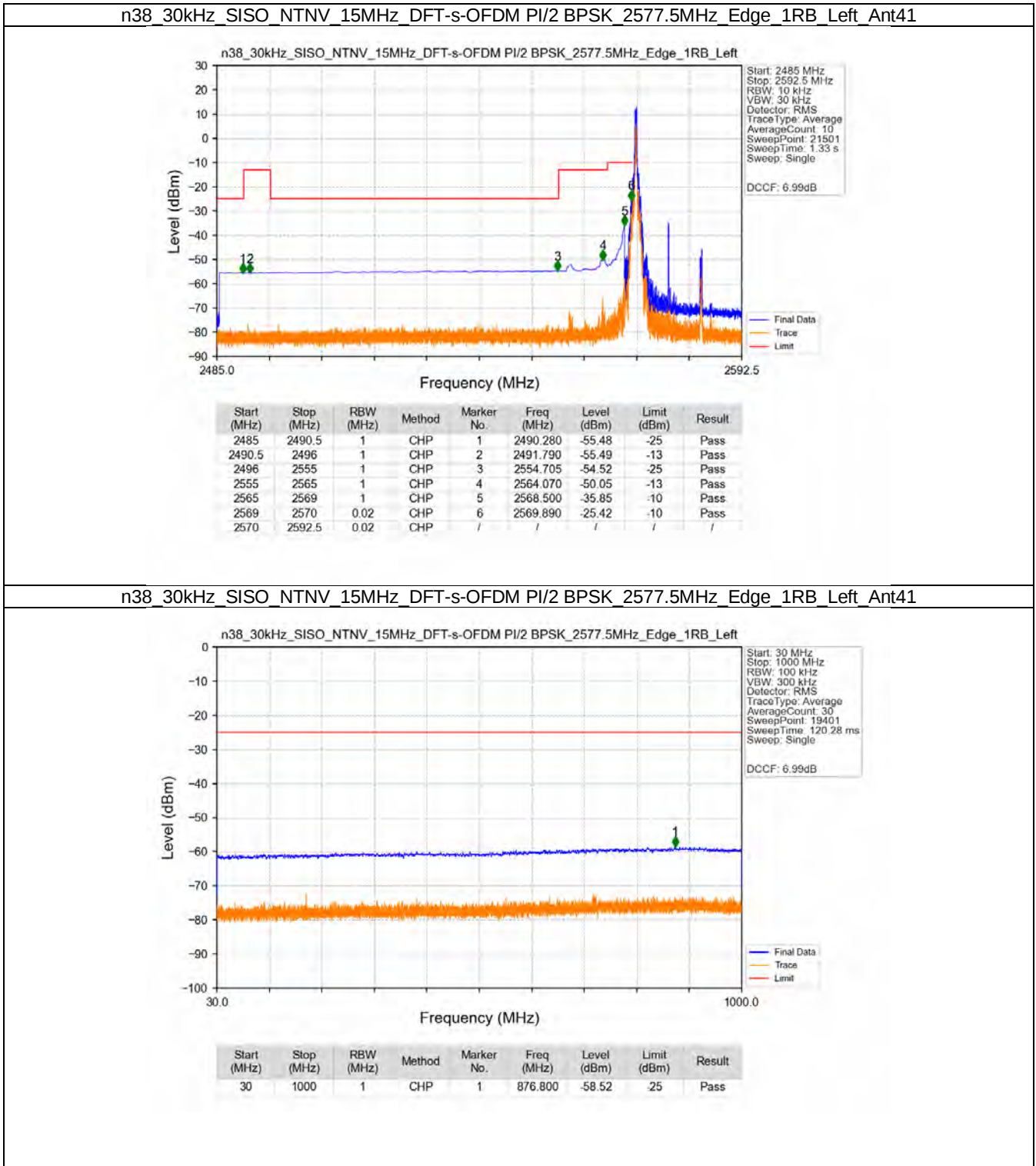
n38 30kHz SISO NTV 10MHz CP-OFDM QPSK 2615MHz Outer Full Ant41



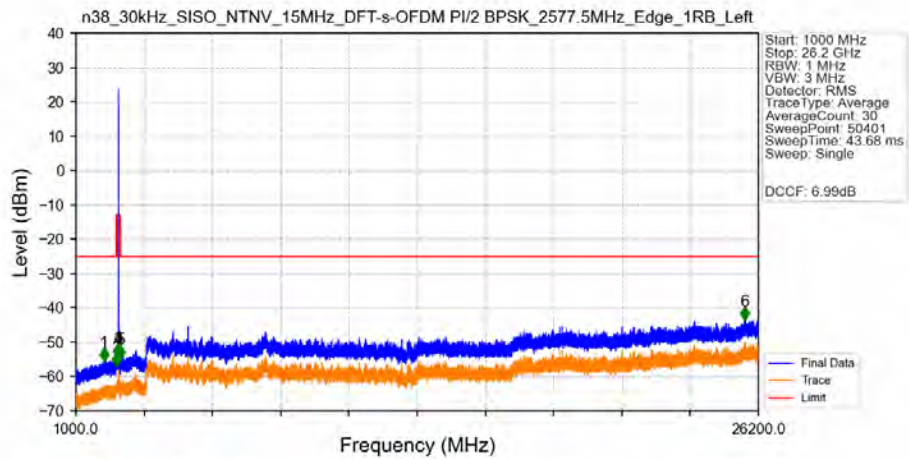
n38 30kHz SISO NTV 10MHz CP-OFDM QPSK 2615MHz Inner_1RB_Right Ant41



5.2.2 30k_SISO_15MHz_NTNV

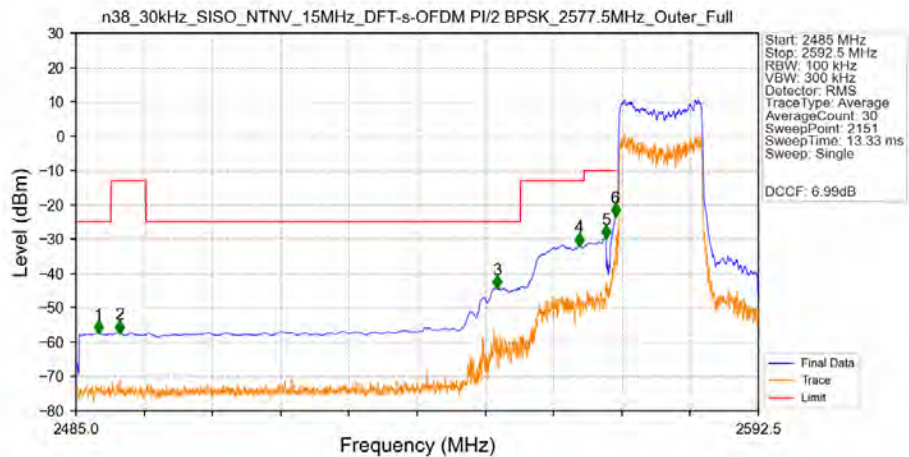


n38 30kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 2577.5MHz Edge 1RB Left Ant41



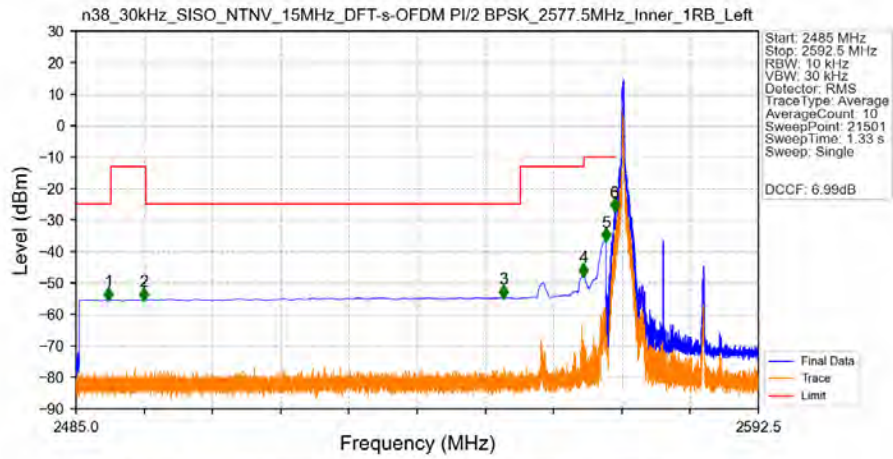
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2031.500	-55.32	-25	Pass
2490.5	2496	1	/	2	2491.000	-56.66	-13	Pass
2496	2555	1	/	3	2549.000	-54.07	-25	Pass
2555	2565	1	/	4	2564.500	-53.86	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2635	1	/	5	2631.000	-54.50	-13	Pass
2635	26200	1	/	6	25686.500	-43.33	-25	Pass

n38 30kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 2577.5MHz Outer_Full Ant41



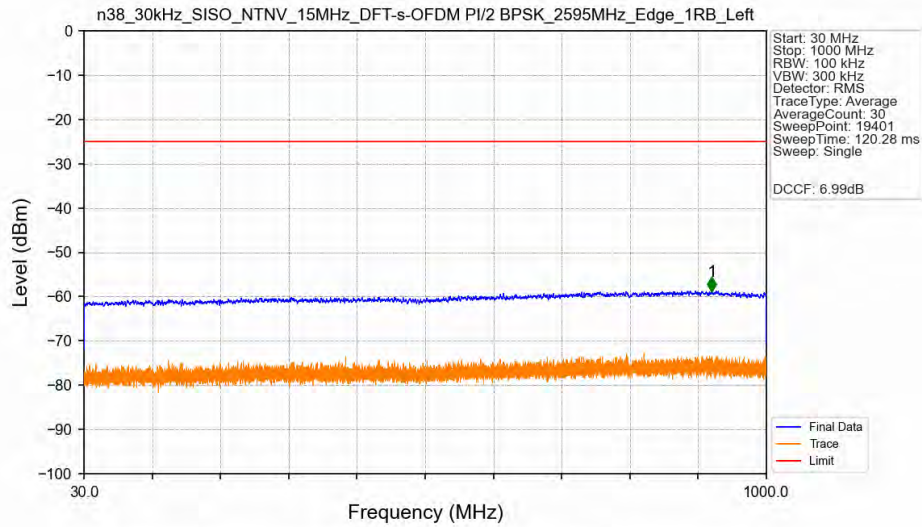
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.500	-57.32	-25	Pass
2490.5	2496	1	CHP	2	2491.900	-57.21	-13	Pass
2496	2555	1	CHP	3	2551.300	-44.19	-25	Pass
2555	2565	1	CHP	4	2564.250	-31.83	-13	Pass
2565	2569	1	CHP	5	2568.500	-29.54	-10	Pass
2569	2570	0.296	CHP	6	2569.950	-23.25	-10	Pass
2570	2592.5	0.296	CHP	/	/	/	/	/

n38 30kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 2577.5MHz Inner 1RB Left Ant41



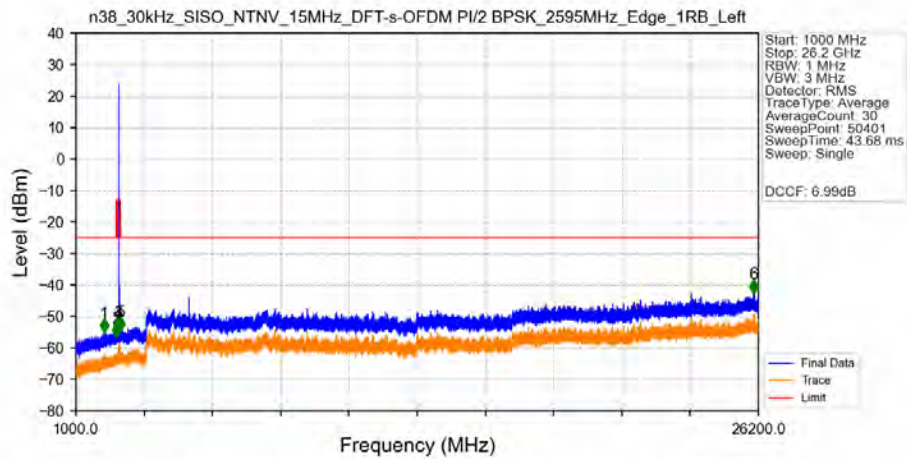
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.135	-55.40	-25	Pass
2490.5	2496	1	CHP	2	2495.720	-55.40	-13	Pass
2496	2555	1	CHP	3	2552.310	-54.66	-25	Pass
2555	2565	1	CHP	4	2564.960	-47.71	-13	Pass
2565	2569	1	CHP	5	2568.500	-36.58	-10	Pass
2569	2570	0.02	CHP	6	2569.825	-26.99	-10	Pass
2570	2592.5	0.02	CHP					

n38 30kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 2595MHz Edge 1RB Left Ant41



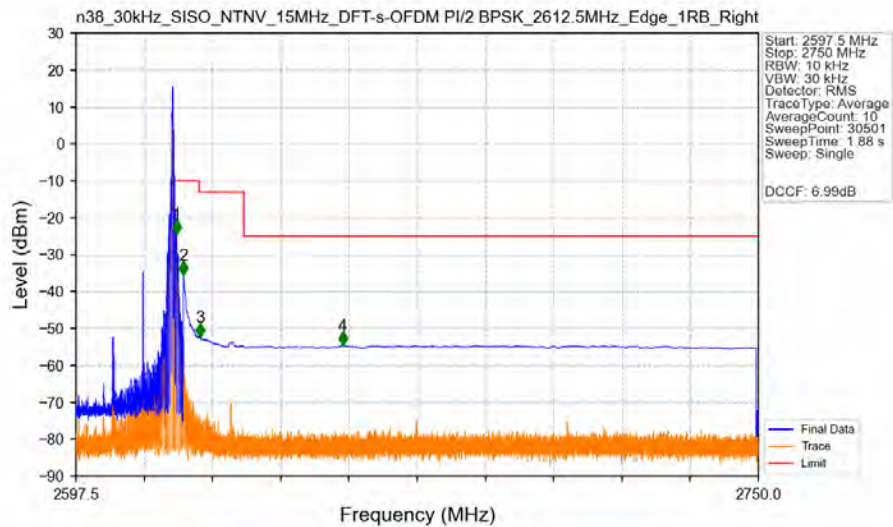
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	922.350	-58.72	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant41



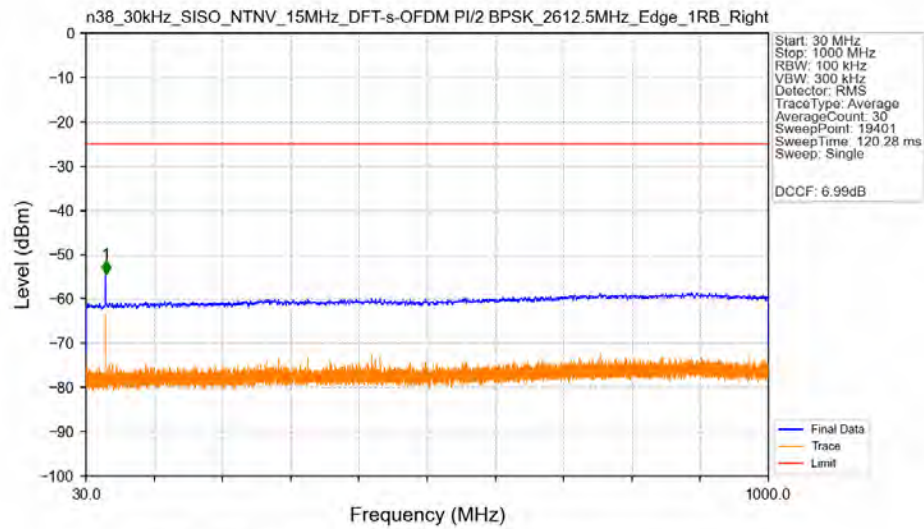
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2031.000	-54.80	-25	Pass
2490.5	2496	1	/	2	2495.000	-56.26	-13	Pass
2496	2555	1	/	3	2538.500	-54.45	-25	Pass
2555	2565	1	/	4	2560.000	-54.91	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2635	1	/	5	2630.000	-54.20	-13	Pass
2635	26200	1	/	6	26026.500	-42.30	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2612.5MHz_Edge_1RB_Right_Ant41

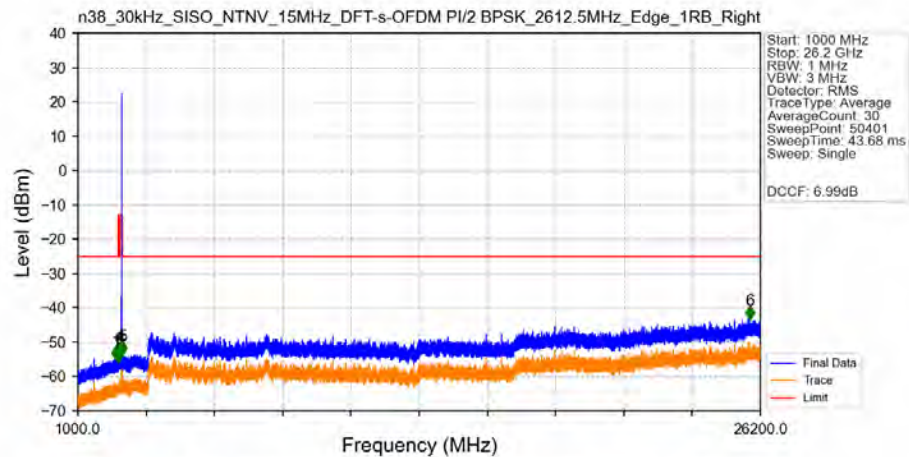


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.015	-24.27	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.41	-10	Pass
2625	2635	1	CHP	3	2625.200	-52.28	-13	Pass
2635	2750	1	CHP	4	2657.080	-54.62	-25	Pass

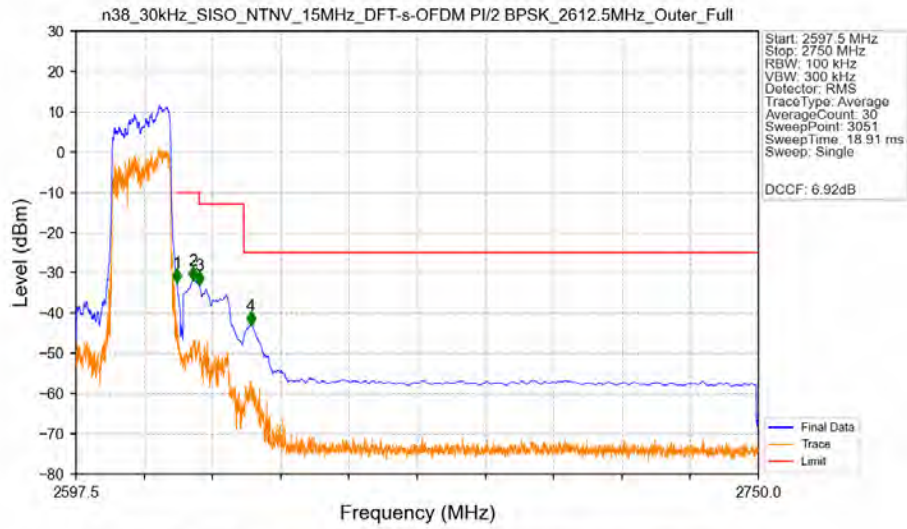
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2612.5MHz_Edge_1RB_Right_Ant41



n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2612.5MHz_Edge_1RB_Right_Ant41

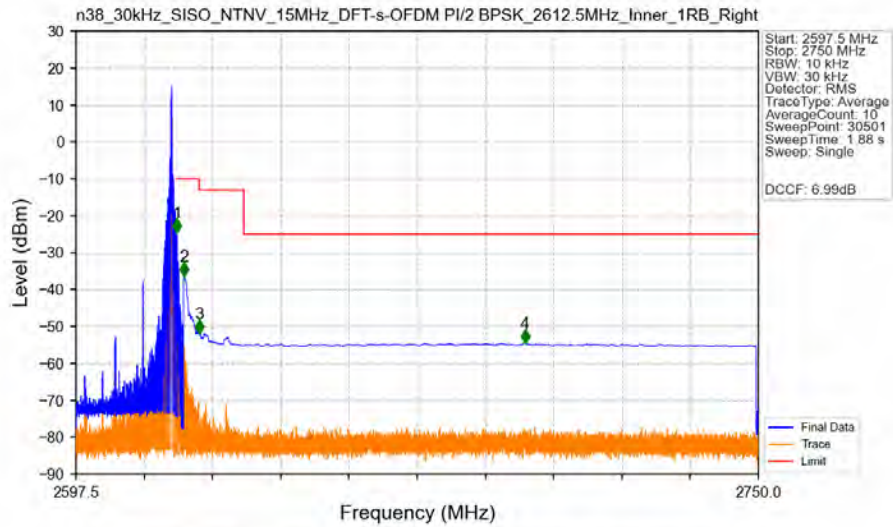


n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2612.5MHz_Outer_Full_Ant41



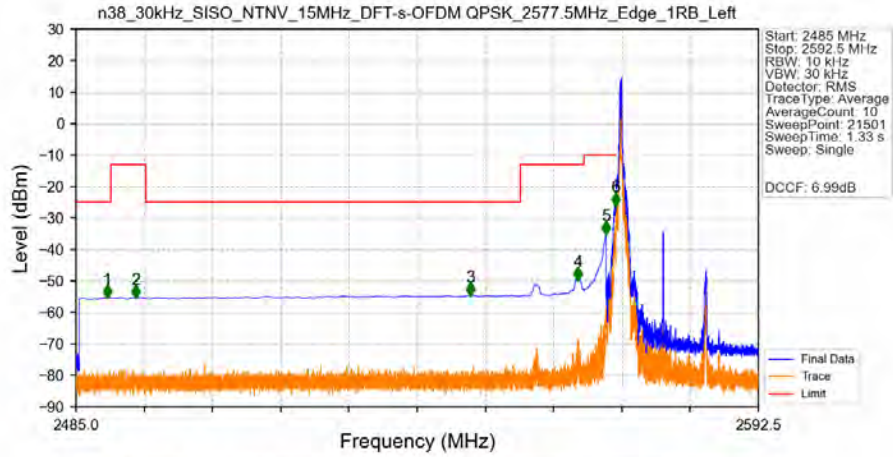
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.296	CHP	/	/	/	/	/
2620	2621	0.296	CHP	1	2620.050	-32.50	-10	Pass
2621	2625	1	CHP	2	2623.600	-31.92	-10	Pass
2625	2635	1	CHP	3	2625.050	-33.09	-13	Pass
2635	2750	1	CHP	4	2636.600	-43.08	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_2612.5MHz_Inner_1RB_Right_Ant41



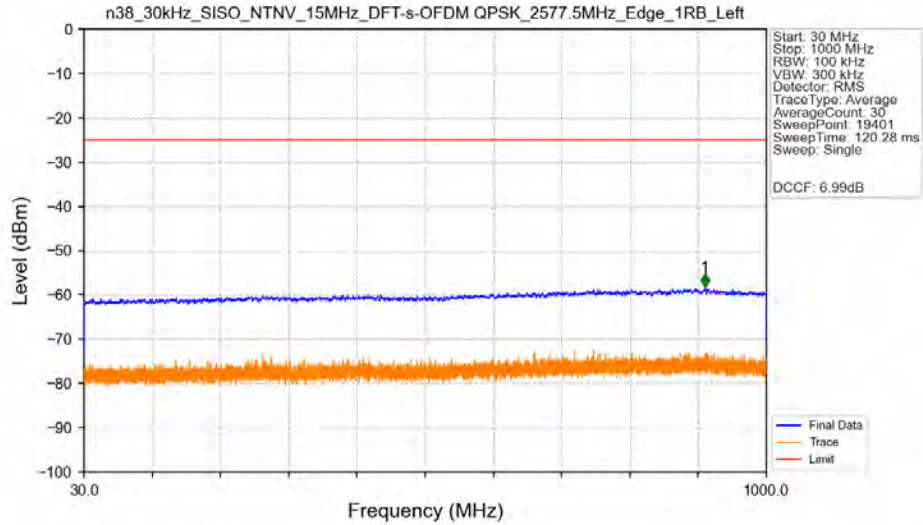
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.080	-24.61	-10	Pass
2621	2625	1	CHP	2	2621.665	-36.35	-10	Pass
2625	2635	1	CHP	3	2625.005	-51.82	-13	Pass
2635	2750	1	CHP	4	2697.875	-54.51	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2577.5MHz_Edge_1RB_Left_Ant41



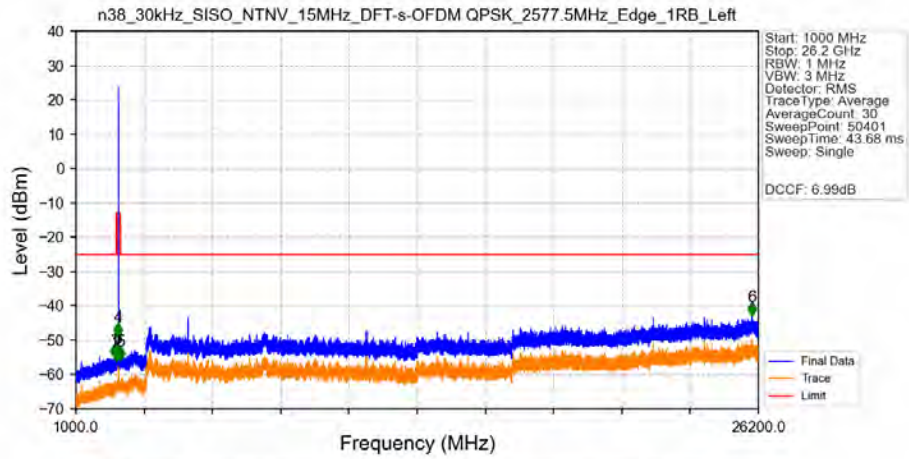
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.915	-55.36	-25	Pass
2490.5	2496	1	CHP	2	2494.390	-55.27	-13	Pass
2496	2555	1	CHP	3	2547.095	-54.50	-25	Pass
2555	2565	1	CHP	4	2564.070	-49.56	-13	Pass
2565	2569	1	CHP	5	2568.500	-35.00	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-25.93	-10	Pass
2570	2592.5	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2577.5MHz_Edge_1RB_Left_Ant41



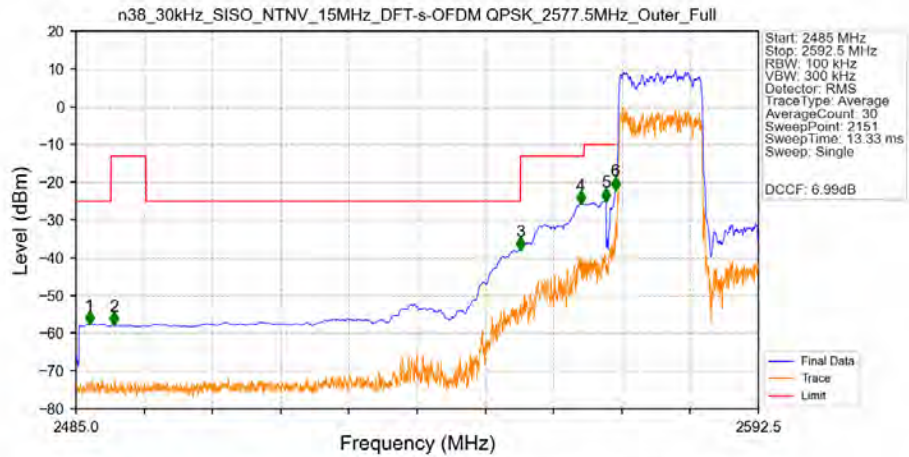
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	912.550	-58.23	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2577.5MHz_Edge_1RB_Left_Ant41



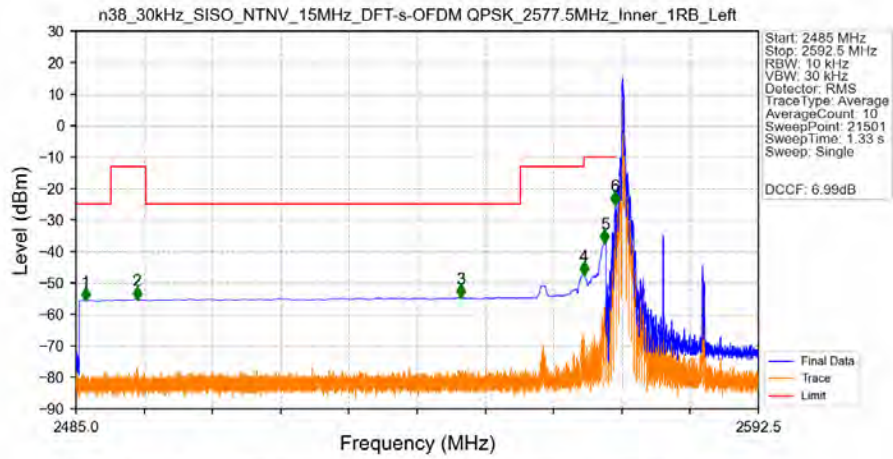
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2423.000	-54.77	-25	Pass
2490.5	2496	1	/	2	2496.000	-55.84	-13	Pass
2496	2555	1	/	3	2554.500	-54.72	-25	Pass
2555	2565	1	/	4	2561.000	-48.62	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2635	1	/	5	2626.000	-55.50	-13	Pass
2635	26200	1	/	6	25957.000	-42.65	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2577.5MHz_Outer_Full_Ant41

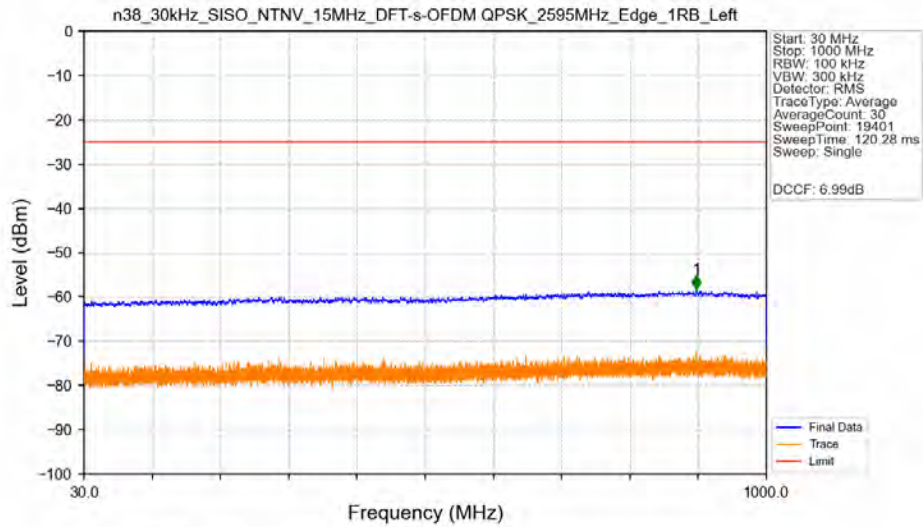


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.100	-57.42	-25	Pass
2490.5	2496	1	CHP	2	2490.950	-57.75	-13	Pass
2496	2555	1	CHP	3	2555.000	-37.84	-25	Pass
2555	2565	1	CHP	4	2564.500	-25.57	-13	Pass
2565	2569	1	CHP	5	2568.500	-24.87	-10	Pass
2569	2570	0.292	CHP	6	2569.950	-21.86	-10	Pass
2570	2592.5	0.292	CHP	/	/	/	/	/

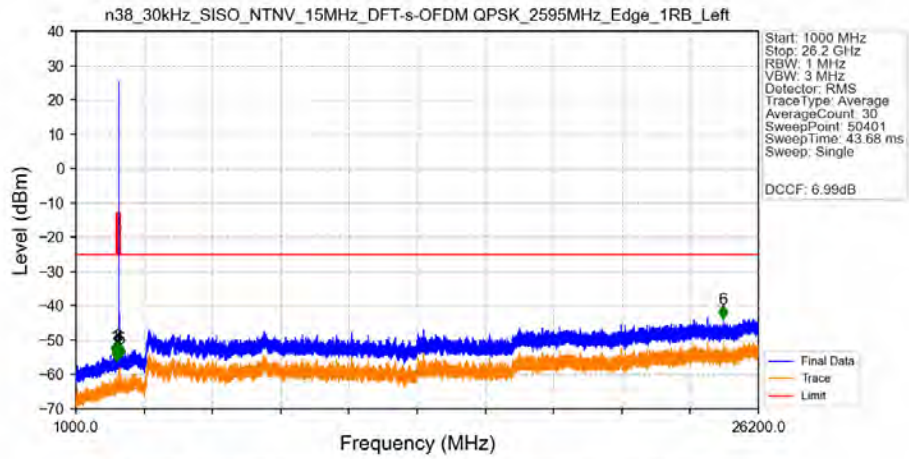
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2577.5MHz_Inner_1RB_Left_Ant41



n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant41

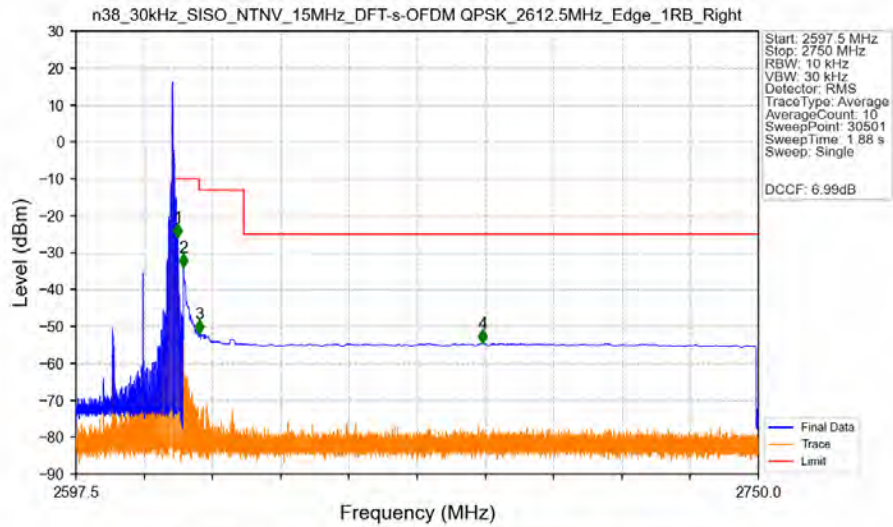


n38 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 2595MHz Edge 1RB Left Ant41



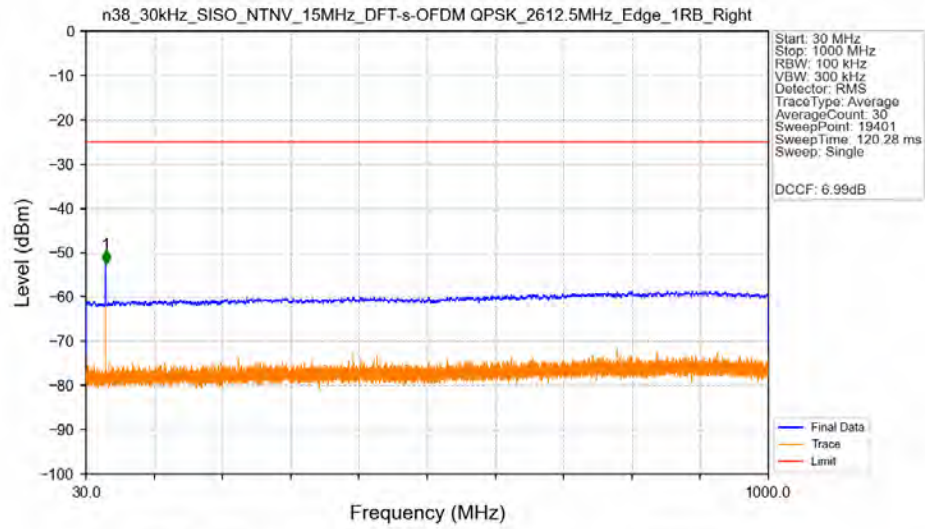
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2457.000	-54.08	-25	Pass
2490.5	2496	1	/	2	2495.000	-55.77	-13	Pass
2496	2555	1	/	3	2550.000	-53.84	-25	Pass
2555	2565	1	/	4	2564.000	-54.55	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2635	1	/	5	2627.000	-54.89	-13	Pass
2635	26200	1	/	6	24904.000	-43.45	-25	Pass

n38 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 2612.5MHz Edge 1RB Right Ant41

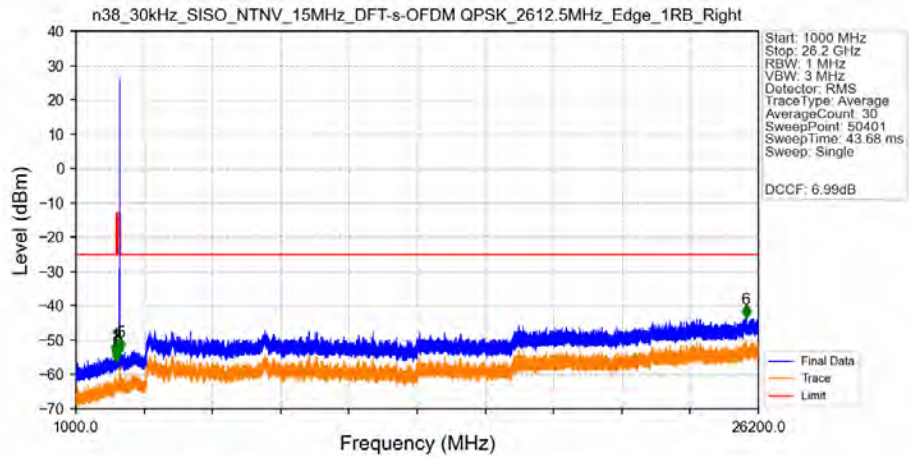


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.275	-25.98	-10	Pass
2621	2625	1	CHP	2	2621.500	-34.05	-10	Pass
2625	2635	1	CHP	3	2625.135	-51.97	-13	Pass
2635	2750	1	CHP	4	2688.440	-54.44	-25	Pass

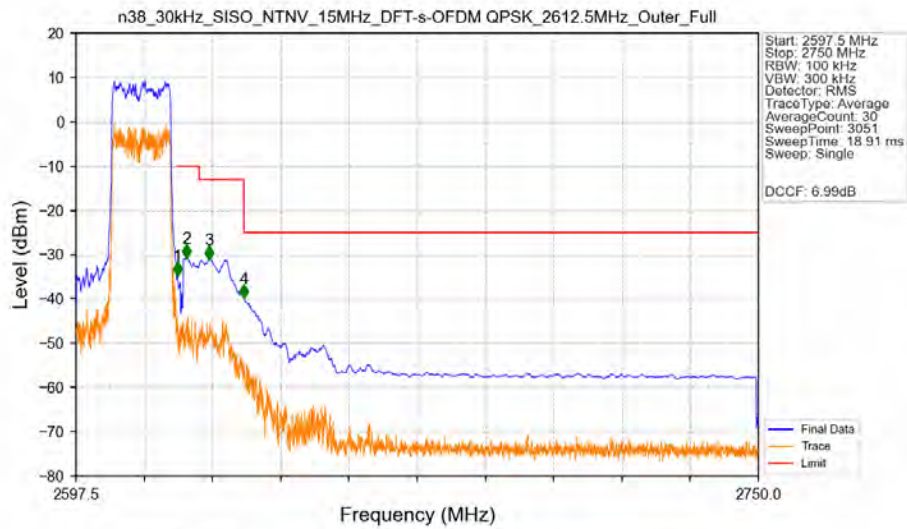
n38 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 2612.5MHz Edge 1RB Right Ant41



n38 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 2612.5MHz Edge 1RB Right Ant41

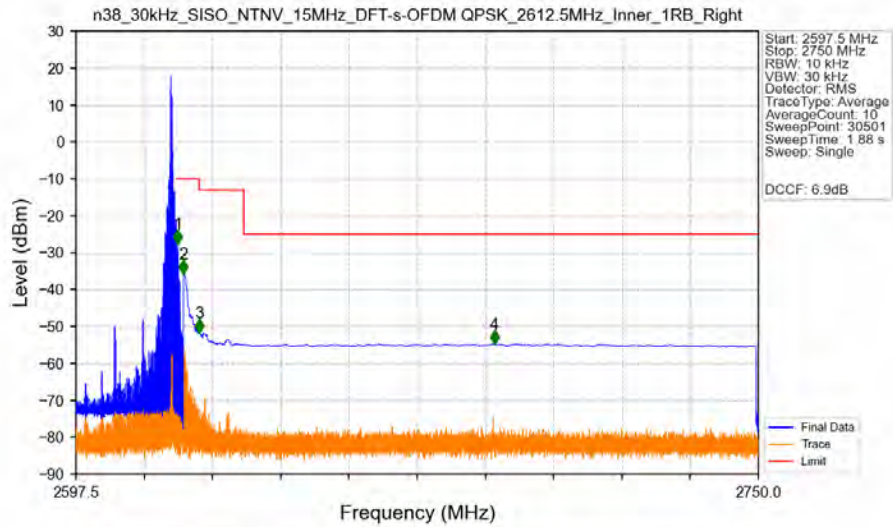


n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2612.5MHz_Outer_Full_Ant41



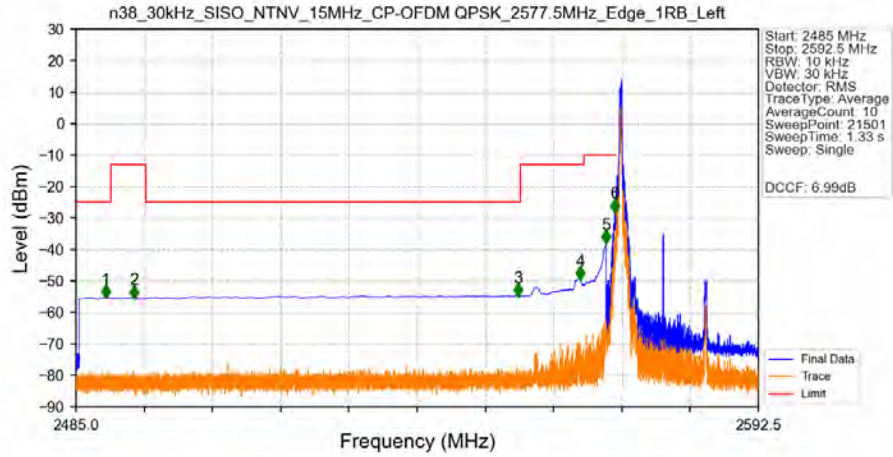
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.299	CHP	/	/	/	/	/
2620	2621	0.299	CHP	1	2620.200	-34.75	-10	Pass
2621	2625	1	CHP	2	2622.250	-30.81	-10	Pass
2625	2635	1	CHP	3	2627.250	-31.05	-13	Pass
2635	2750	1	CHP	4	2635.050	-39.92	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_2612.5MHz_Inner_1RB_Right_Ant41



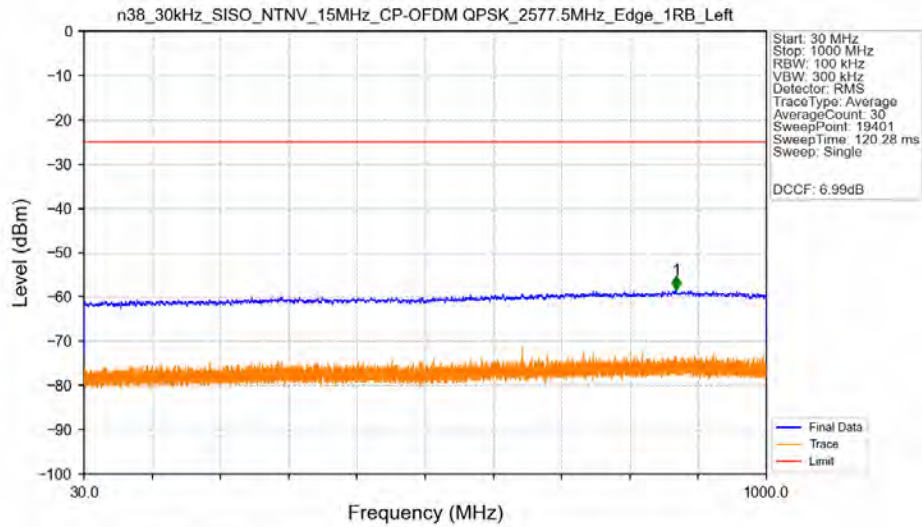
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.300	-27.72	-10	Pass
2621	2625	1	CHP	2	2621.540	-35.63	-10	Pass
2625	2635	1	CHP	3	2625.100	-51.58	-13	Pass
2635	2750	1	CHP	4	2690.970	-54.77	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2577.5MHz_Edge_1RB_Left_Ant41



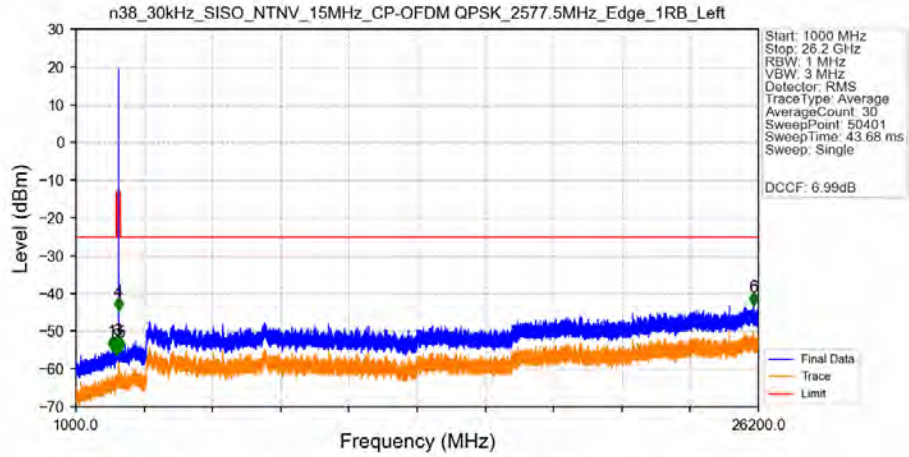
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.640	-55.32	-25	Pass
2490.5	2496	1	CHP	2	2494.205	-55.40	-13	Pass
2496	2555	1	CHP	3	2554.635	-54.71	-25	Pass
2555	2565	1	CHP	4	2564.445	-49.35	-13	Pass
2565	2569	1	CHP	5	2568.500	-37.89	-10	Pass
2569	2570	0.02	CHP	6	2569.885	-27.98	-10	Pass
2570	2592.5	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2577.5MHz_Edge_1RB_Left_Ant41



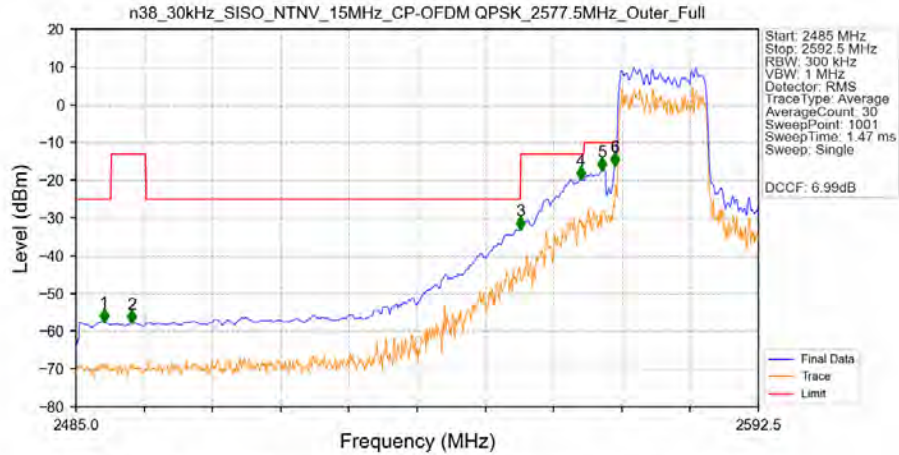
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	871.900	-58.49	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2577.5MHz_Edge_1RB_Left_Ant41



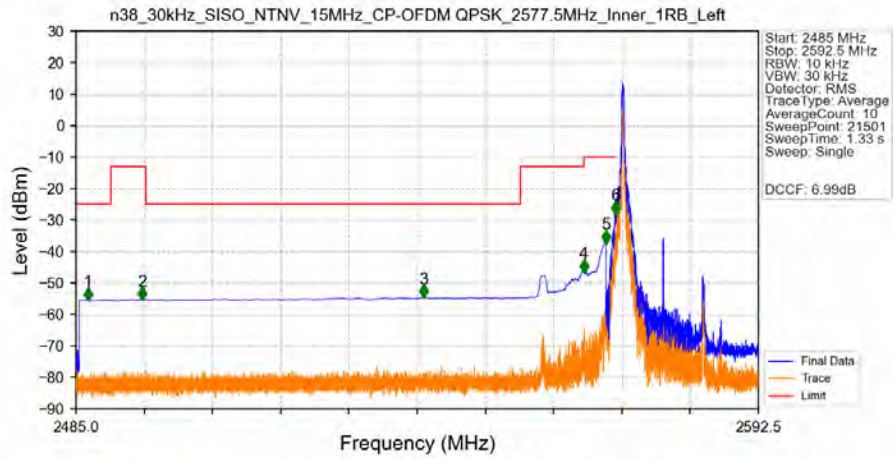
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2338.500	-54.89	-25	Pass
2490.5	2496	1	/	2	2494.500	-55.93	-13	Pass
2496	2555	1	/	3	2552.000	-54.58	-25	Pass
2555	2565	1	/	4	2564.500	-44.20	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2635	1	/	5	2626.000	-54.99	-13	Pass
2635	26200	1	/	6	26017.500	-43.02	-25	Pass

n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2577.5MHz_Outer_Full_Ant41



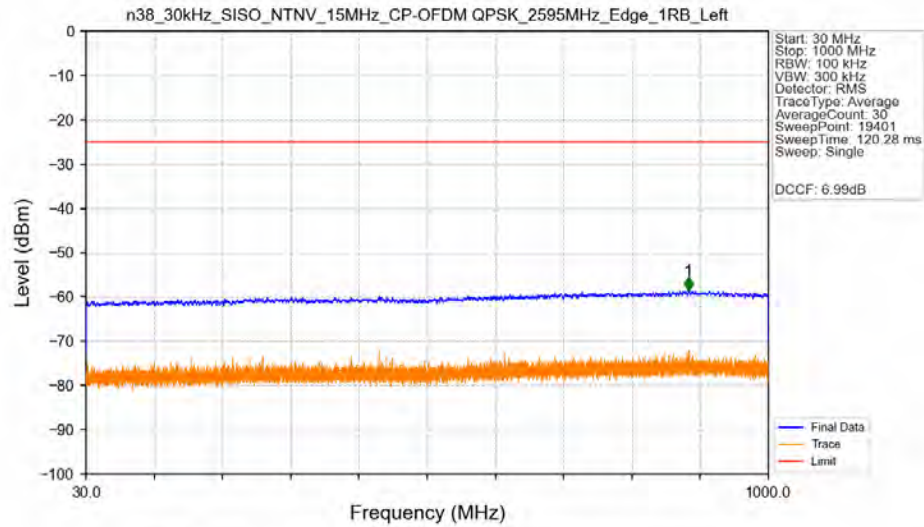
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.407	-57.36	-25	Pass
2490.5	2496	1	CHP	2	2493.815	-57.62	-13	Pass
2496	2555	1	CHP	3	2554.983	-32.95	-25	Pass
2555	2565	1	CHP	4	2564.550	-19.63	-13	Pass
2565	2569	1	CHP	5	2567.883	-17.32	-10	Pass
2569	2570	0.309	CHP	6	2569.925	-15.97	-10	Pass
2570	2592.5	0.309	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2577.5MHz_Inner_1RB_Left_Ant41



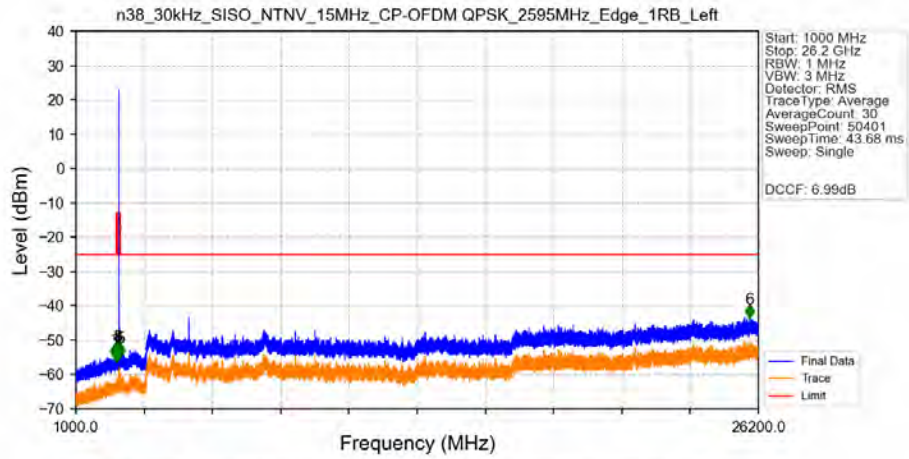
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.870	-55.42	-25	Pass
2490.5	2496	1	CHP	2	2495.470	-55.27	-13	Pass
2496	2555	1	CHP	3	2539.785	-54.54	-25	Pass
2555	2565	1	CHP	4	2564.995	-46.39	-13	Pass
2565	2569	1	CHP	5	2568.485	-37.20	-10	Pass
2569	2570	0.02	CHP	6	2569.965	-27.98	-10	Pass
2570	2592.5	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant41



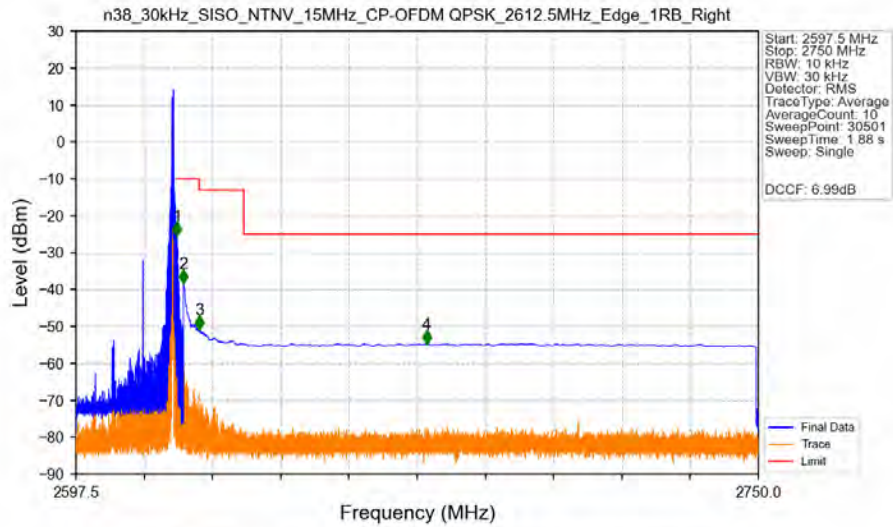
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	886.500	-58.58	-25	Pass

n38 30kHz SISO NTN 15MHz CP-OFDM QPSK 2595MHz Edge 1RB Left Ant41



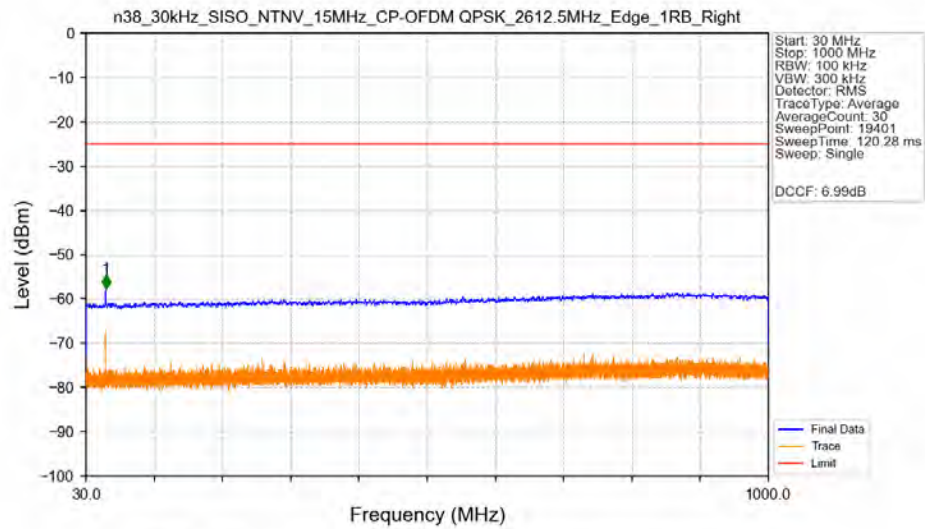
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2438.500	-54.87	-25	Pass
2490.5	2496	1	/	2	2495.500	-56.06	-13	Pass
2496	2555	1	/	3	2535.000	-54.16	-25	Pass
2555	2565	1	/	4	2559.000	-54.49	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2635	1	/	5	2633.000	-54.61	-13	Pass
2635	26200	1	/	6	25881.500	-43.37	-25	Pass

n38 30kHz SISO NTN 15MHz CP-OFDM QPSK 2612.5MHz Edge 1RB Right Ant41

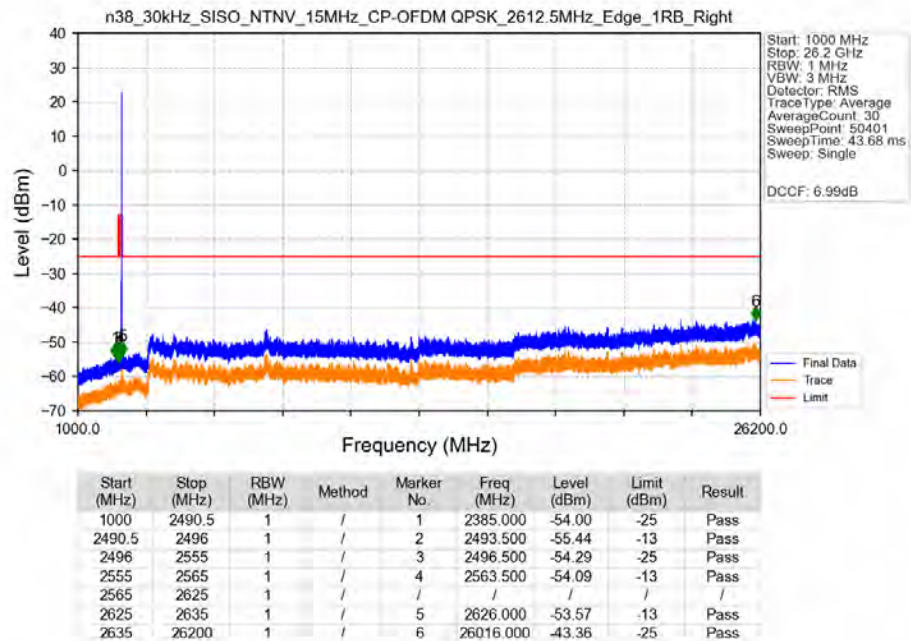


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.105	-25.38	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.26	-10	Pass
2625	2635	1	CHP	3	2625.010	-50.90	-13	Pass
2635	2750	1	CHP	4	2675.910	-54.70	-25	Pass

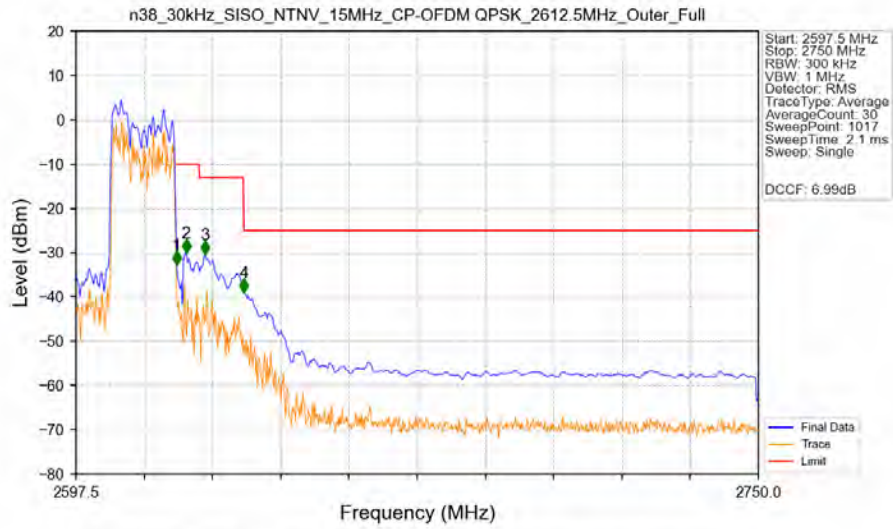
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2612.5MHz_Edge_1RB_Right_Ant41



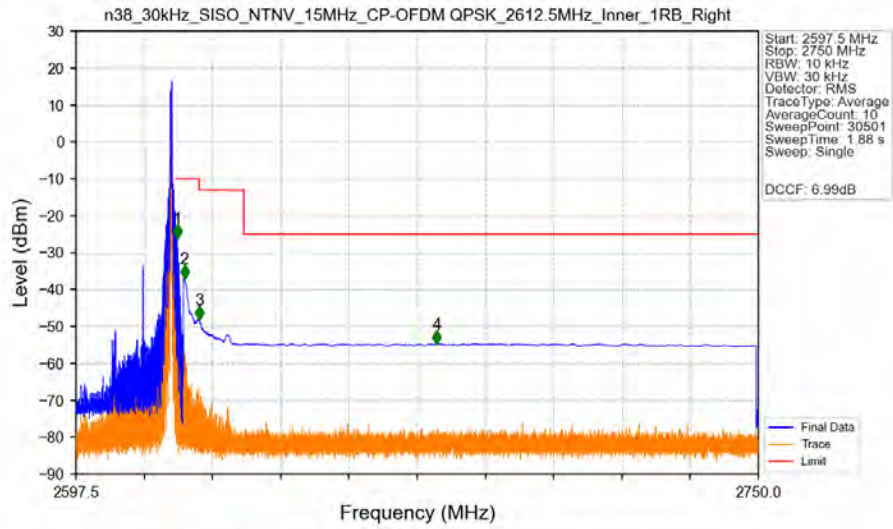
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2612.5MHz_Edge_1RB_Right_Ant41



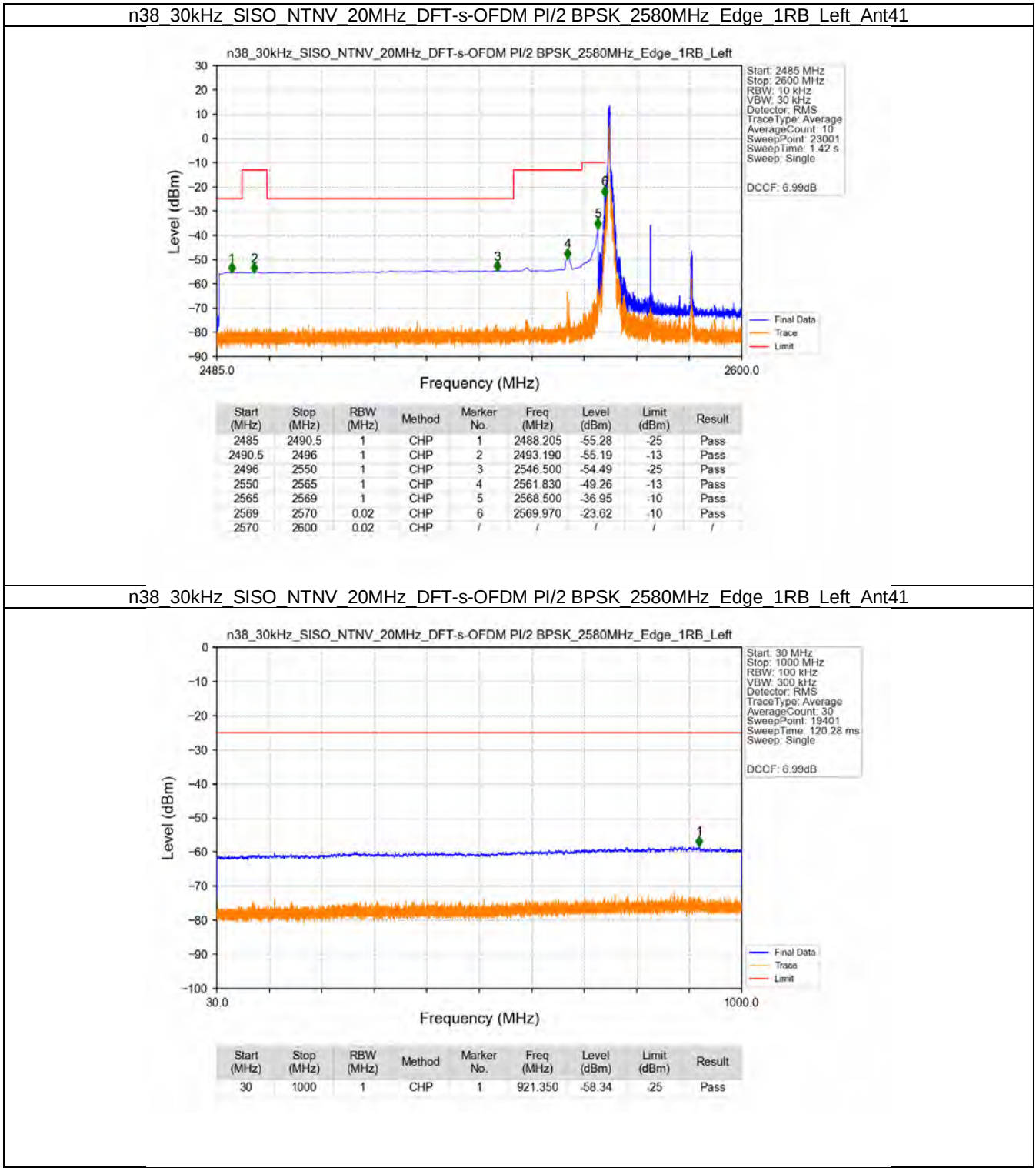
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2612.5MHz_Outer_Full_Ant41



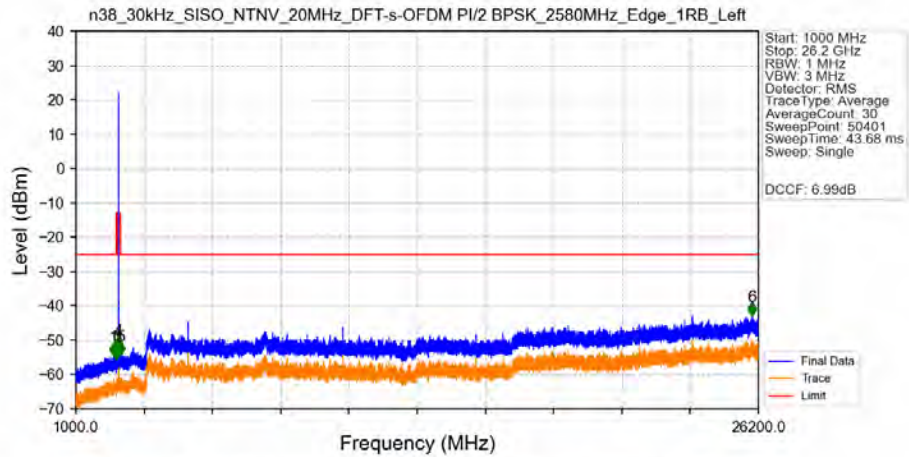
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2612.5MHz_Inner_1RB_Right_Ant41



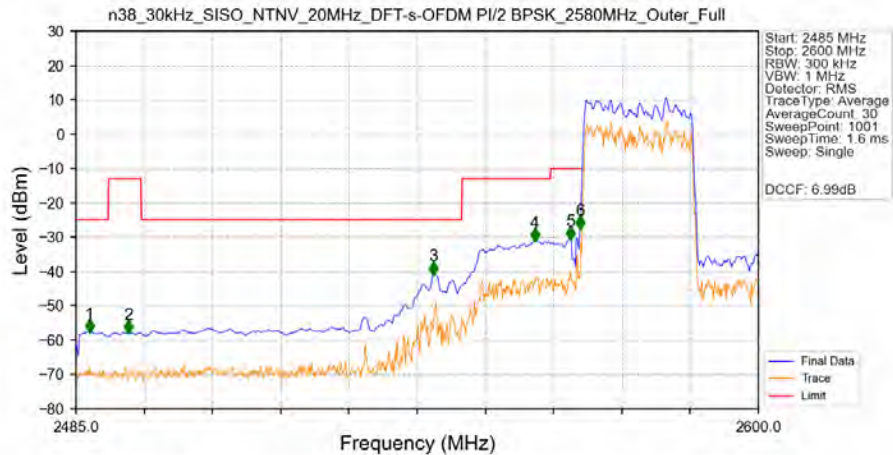
5.2.3 30k_SISO_20MHz_NTNV



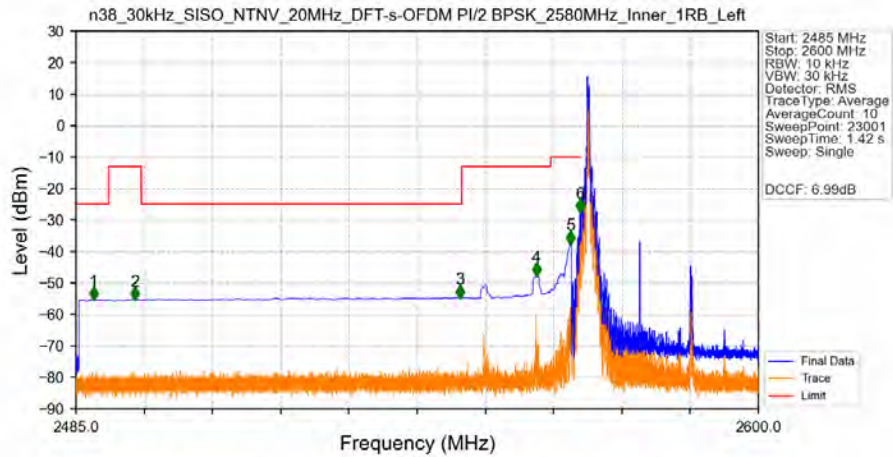
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2580MHz_Edge_1RB_Left_Ant41



n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2580MHz_Outer_Full_Ant41

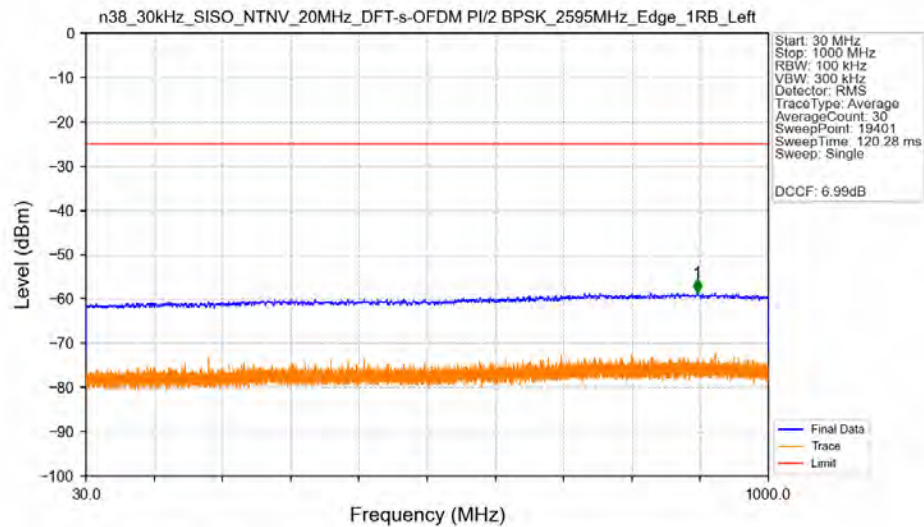


n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2580MHz_Inner_1RB_Left_Ant41



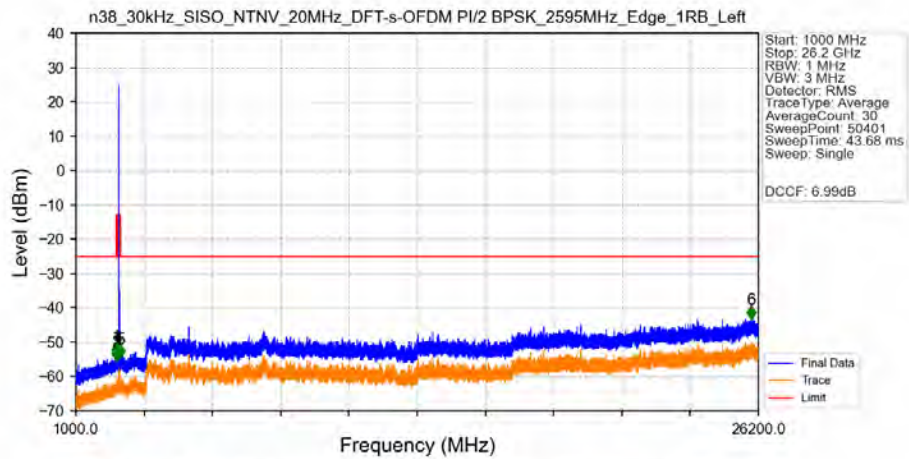
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.975	-55.32	-25	Pass
2490.5	2496	1	CHP	2	2494.885	-55.30	-13	Pass
2496	2550	1	CHP	3	2549.750	-54.63	-25	Pass
2550	2565	1	CHP	4	2562.590	-47.66	-13	Pass
2565	2569	1	CHP	5	2568.300	-37.44	-10	Pass
2569	2570	0.02	CHP	6	2569.965	-27.27	-10	Pass
2570	2600	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant41



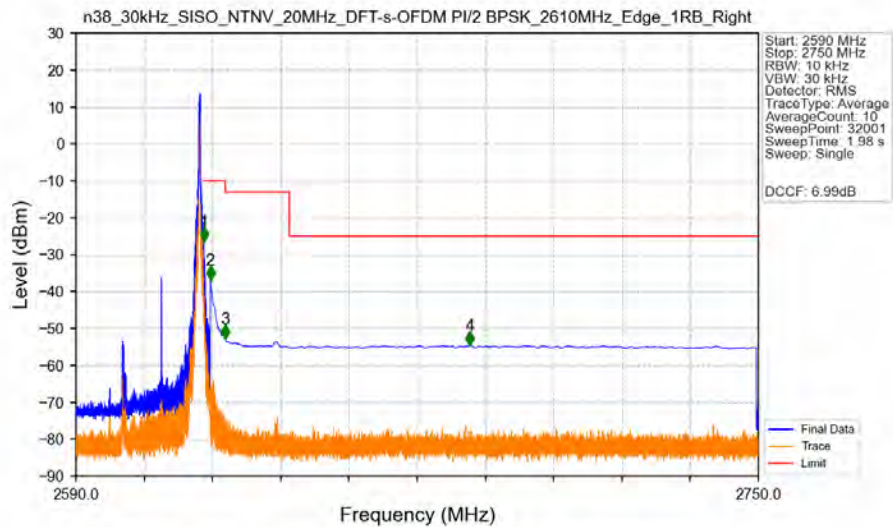
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	899.700	-58.53	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left_Ant41



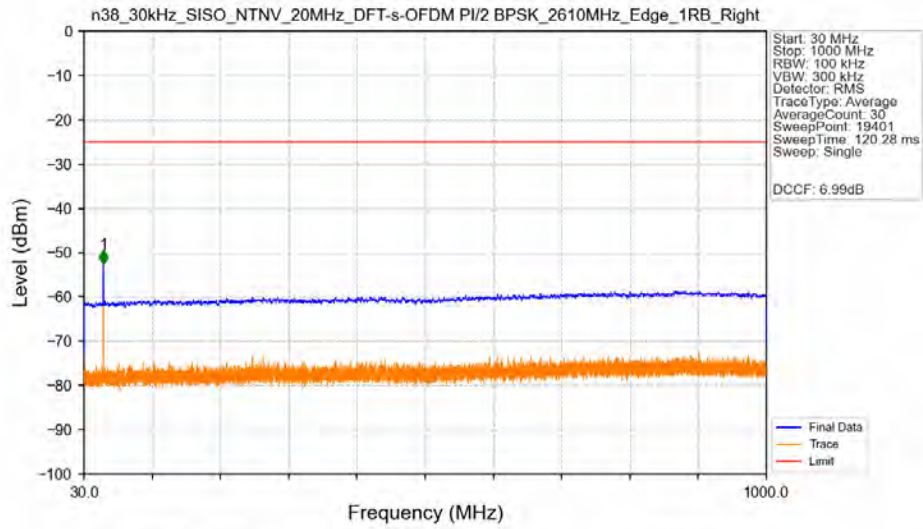
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2481.500	-53.77	-25	Pass
2490.5	2496	1	/	2	2495.000	-55.13	-13	Pass
2496	2550	1	/	3	2496.500	-55.10	-25	Pass
2550	2565	1	/	4	2553.000	-53.99	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2640	1	/	5	2633.500	-54.35	-13	Pass
2640	26200	1	/	6	25942.000	-43.00	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Edge_1RB_Right_Ant41

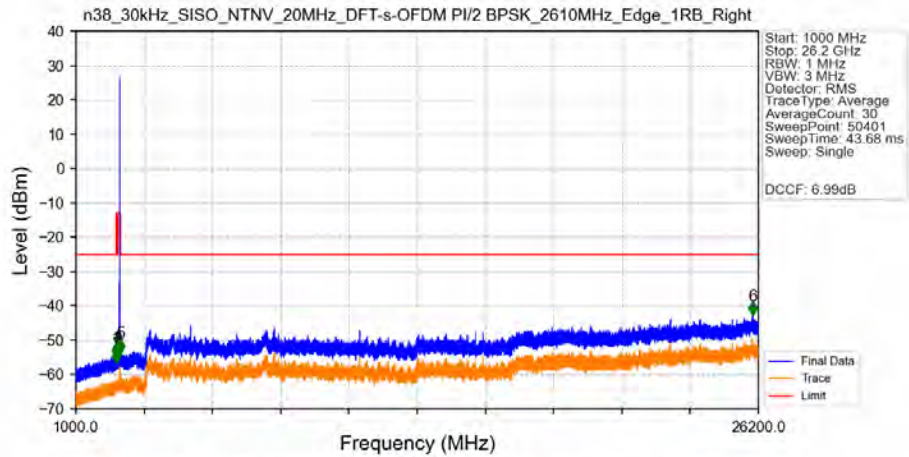


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-26.26	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.85	-10	Pass
2625	2640	1	CHP	3	2625.070	-52.75	-13	Pass
2640	2750	1	CHP	4	2682.325	-54.62	-25	Pass

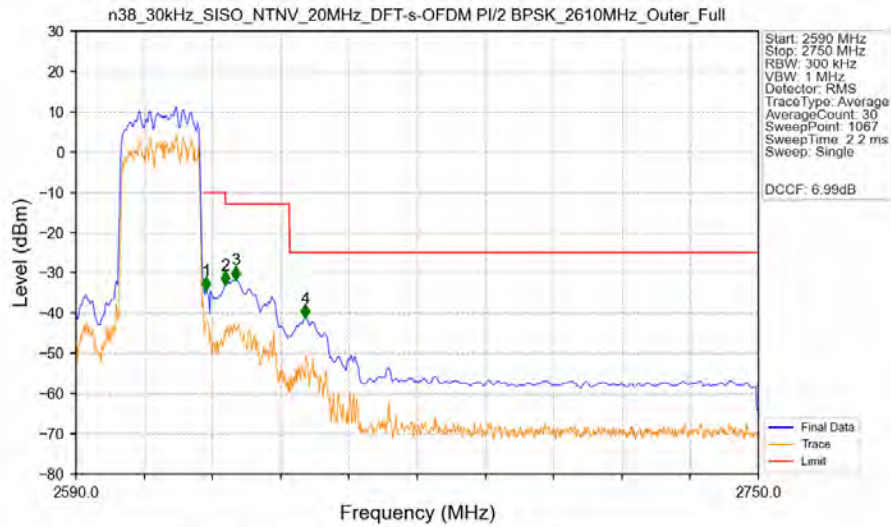
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Edge_1RB_Right_Ant41



n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Edge_1RB_Right_Ant41

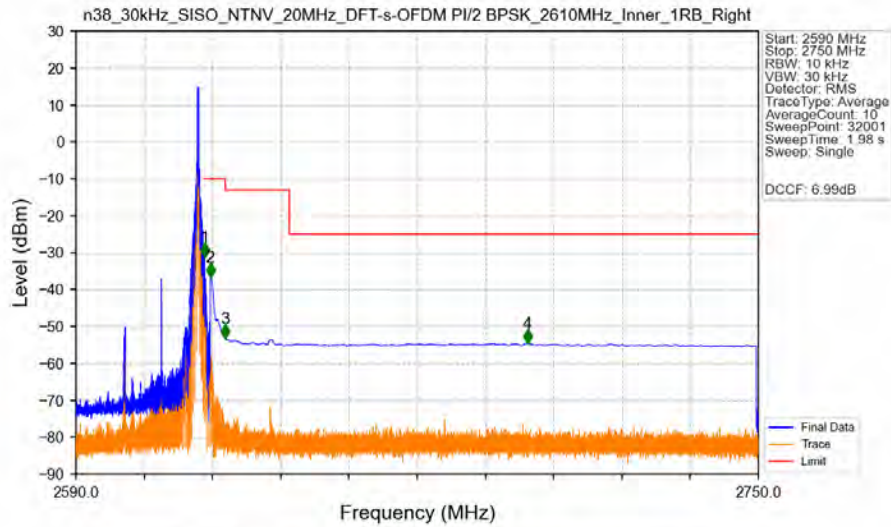


n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Outer_Full_Ant41



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.401	CHP	/	/	/	/	/
2620	2621	0.401	CHP	1	2620.469	-34.39	-10	Pass
2621	2625	1	CHP	2	2624.972	-33.10	-10	Pass
2625	2640	1	CHP	3	2627.523	-31.75	-13	Pass
2640	2750	1	CHP	4	2643.734	-41.26	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Inner_1RB_Right_Ant41



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.170	-31.04	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.58	-10	Pass
2625	2640	1	CHP	3	2625.005	-53.19	-13	Pass
2640	2750	1	CHP	4	2695.865	-54.59	-25	Pass