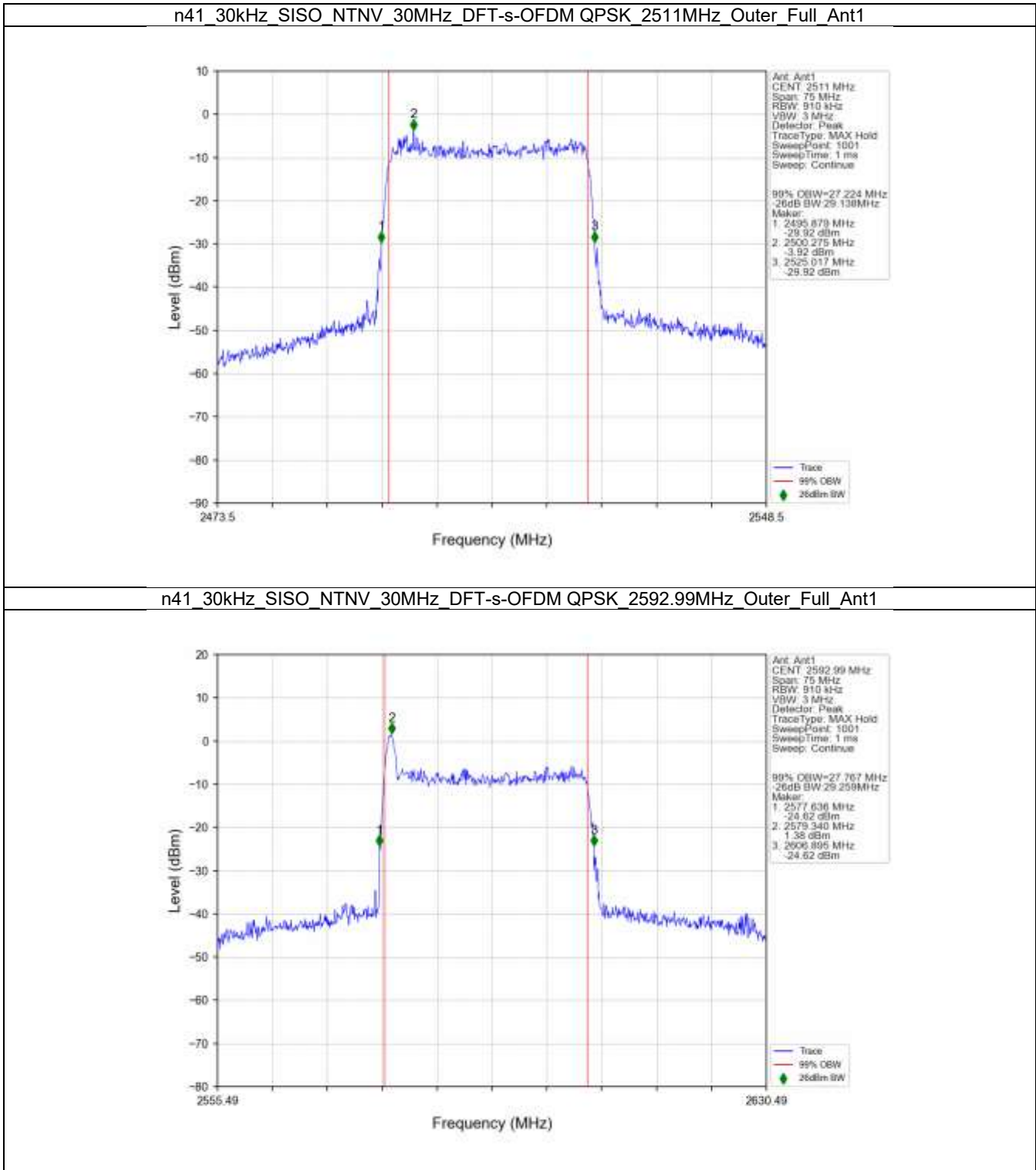
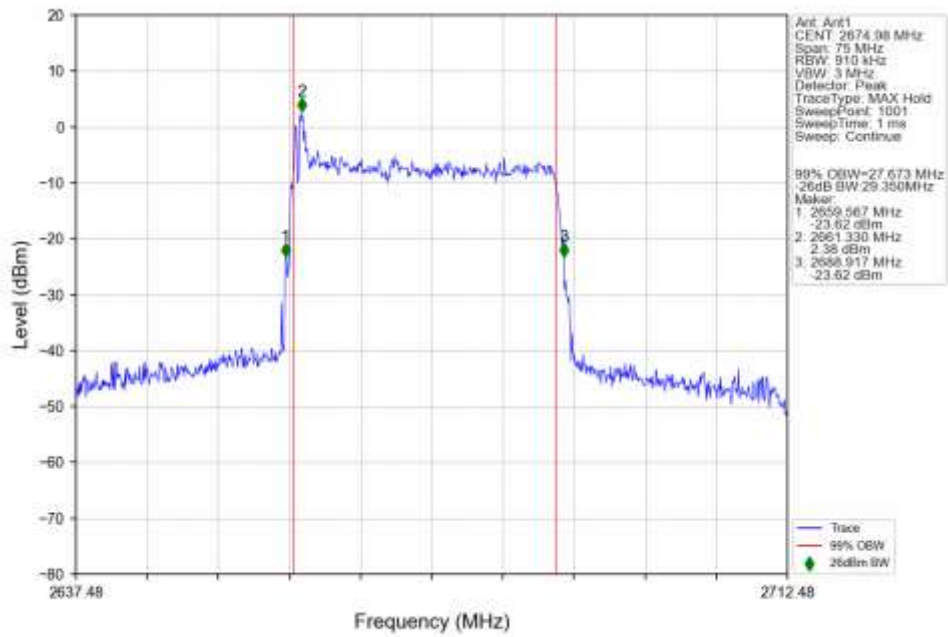


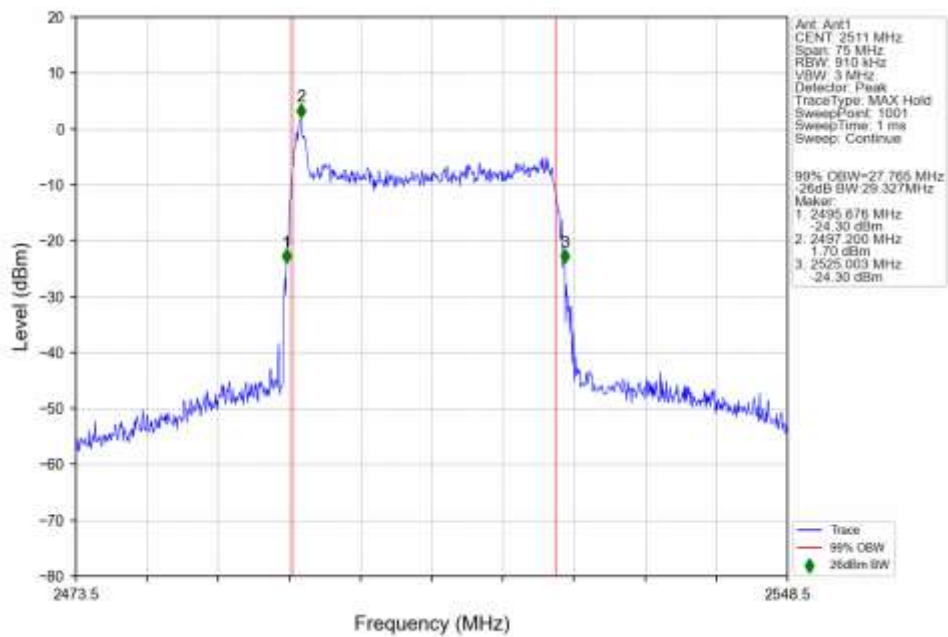
4.2.5 30k_SISO_30MHz_NTNV



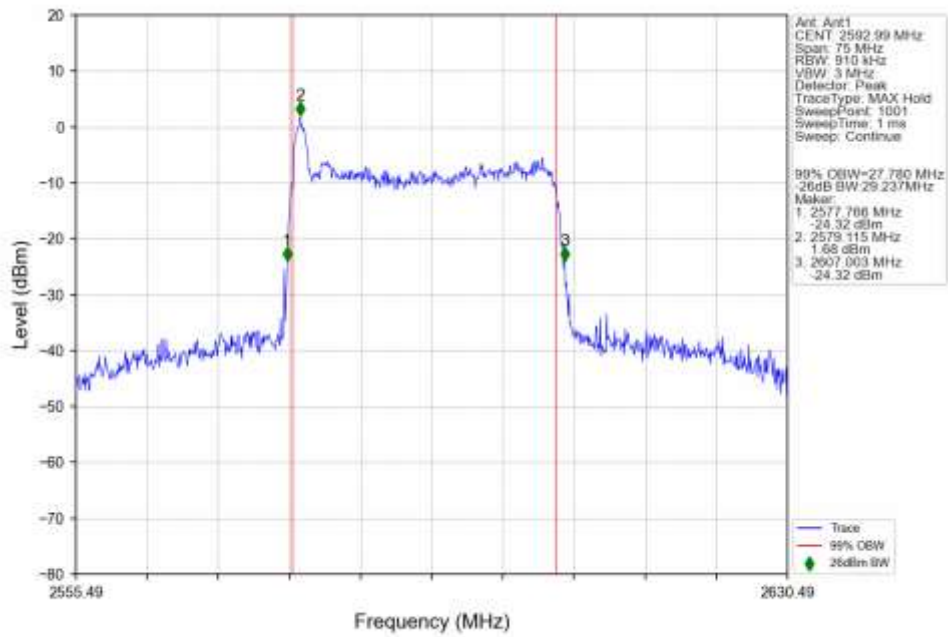
n41 30kHz SISO NTN 30MHz DFT-s-OFDM QPSK 2674.98MHz Outer Full Ant1



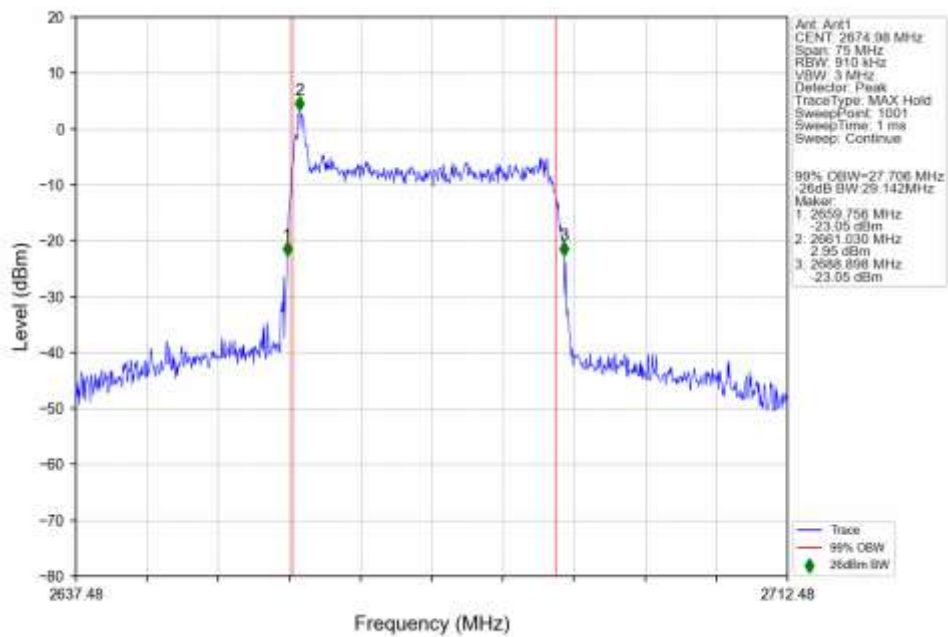
n41 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 2511MHz Outer Full Ant1



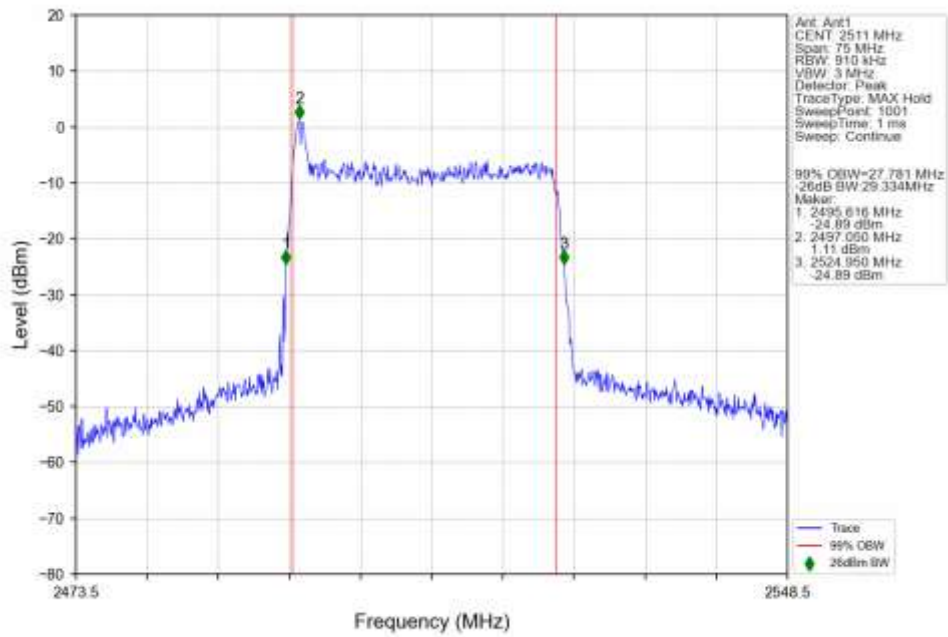
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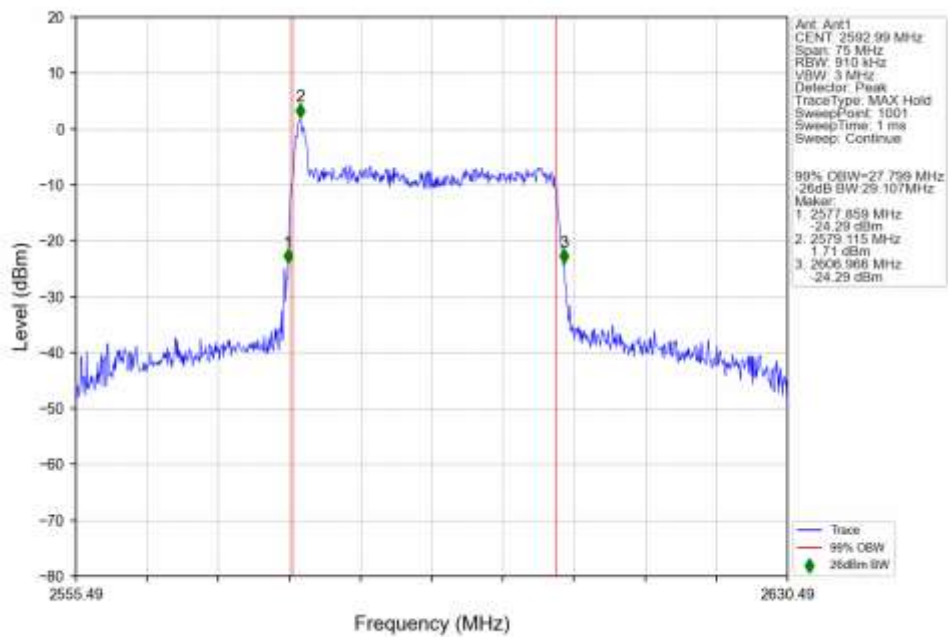
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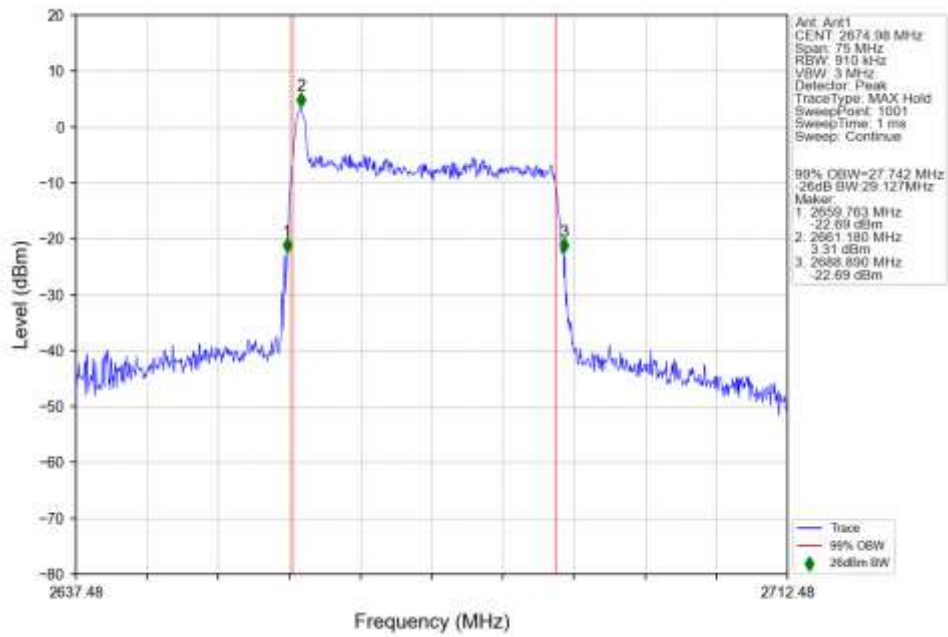
n41 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 2511MHz Outer Full Ant1



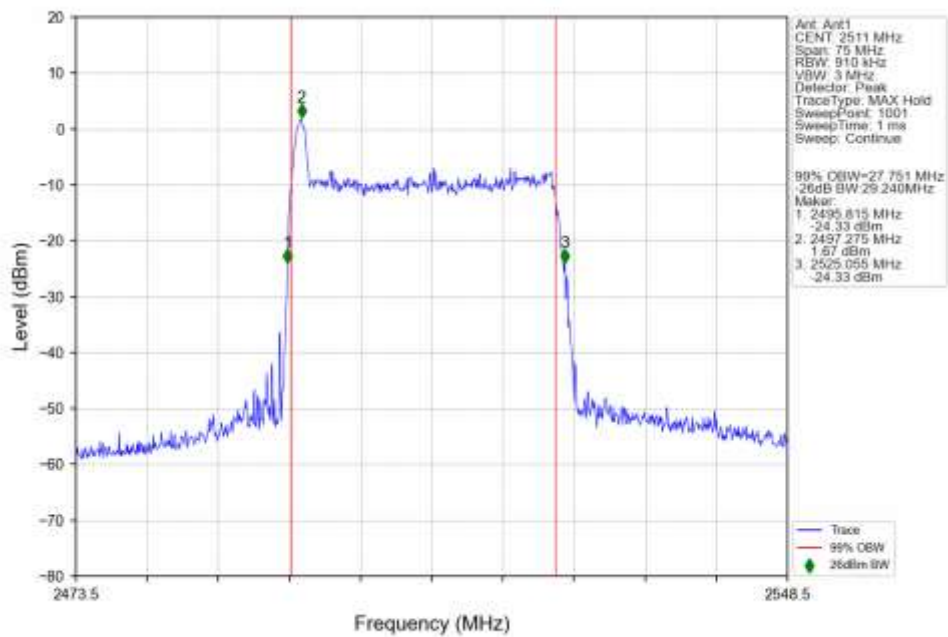
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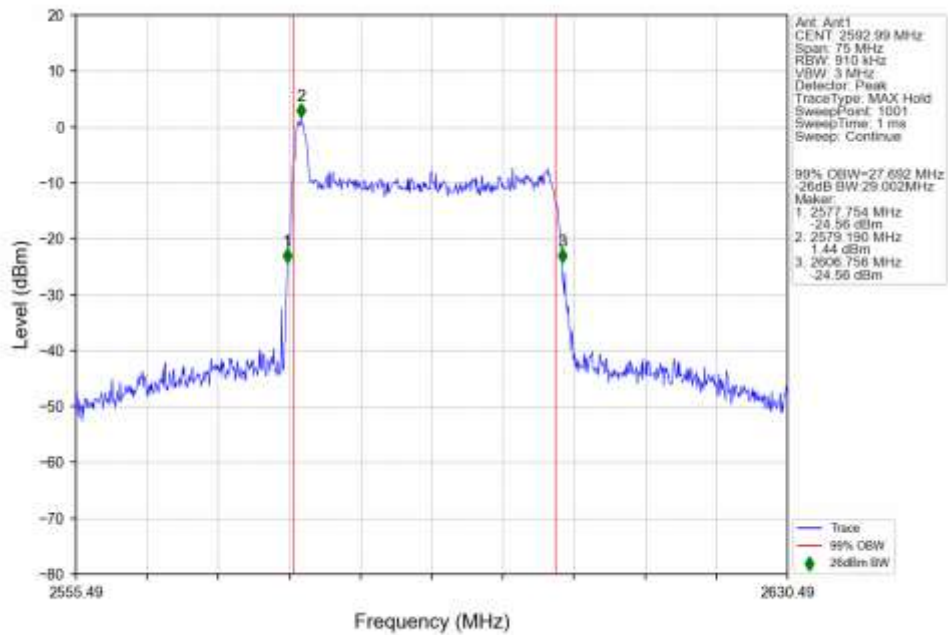
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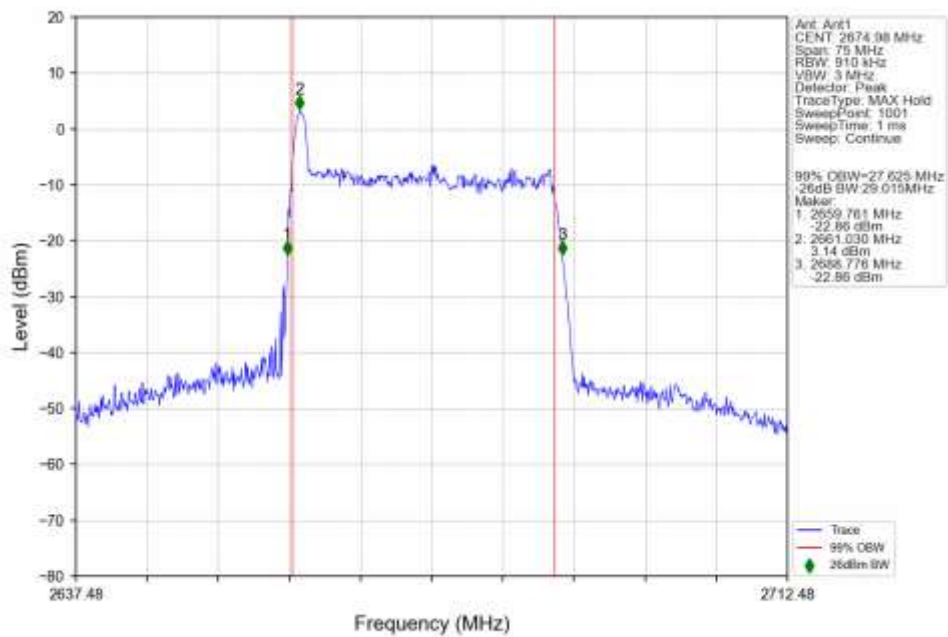
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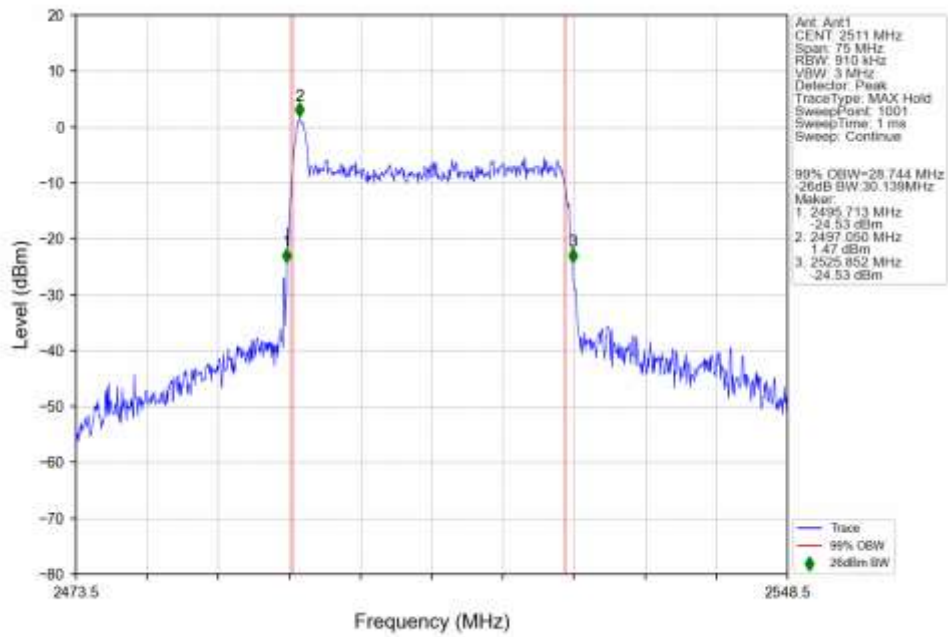
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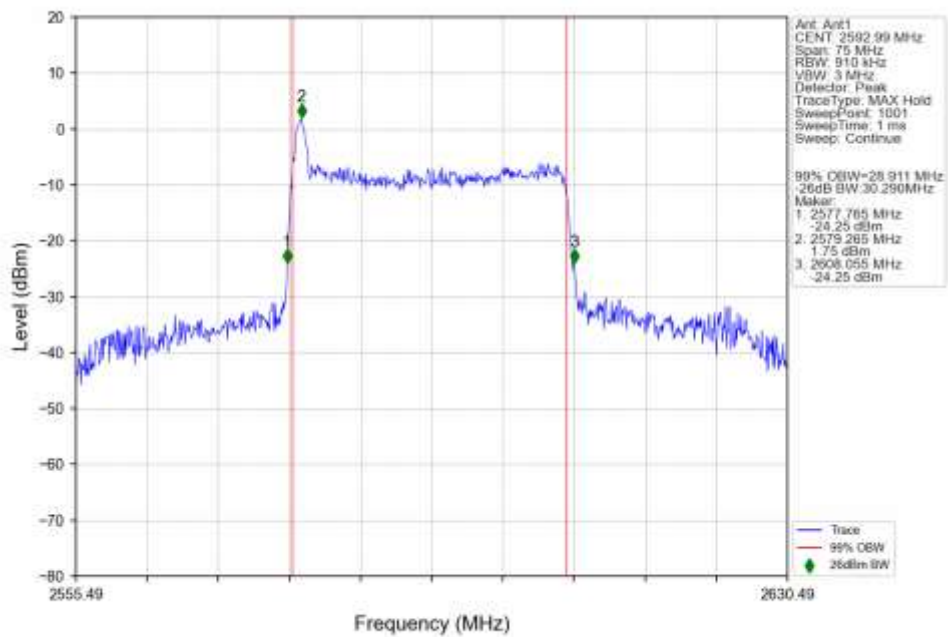
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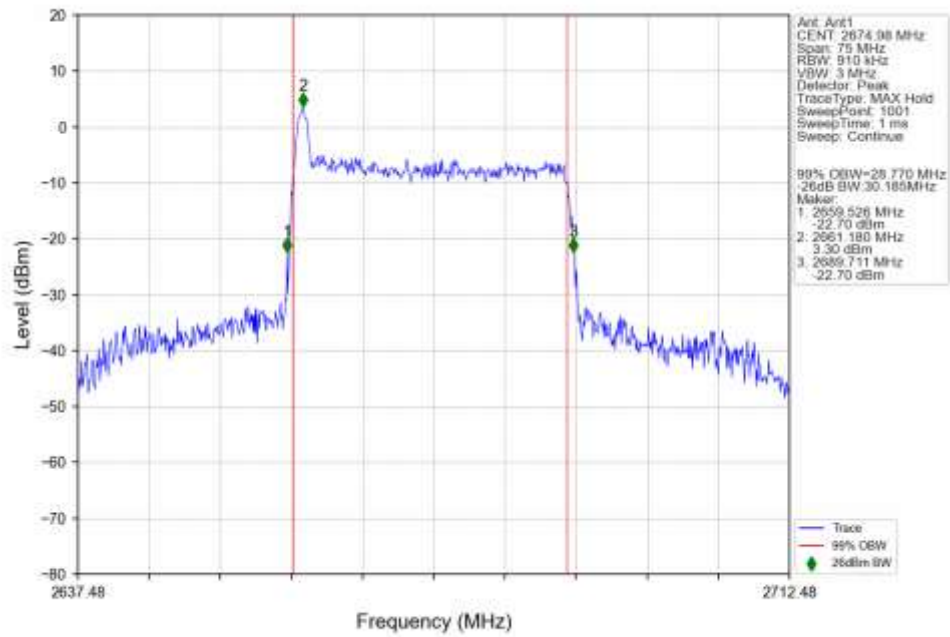
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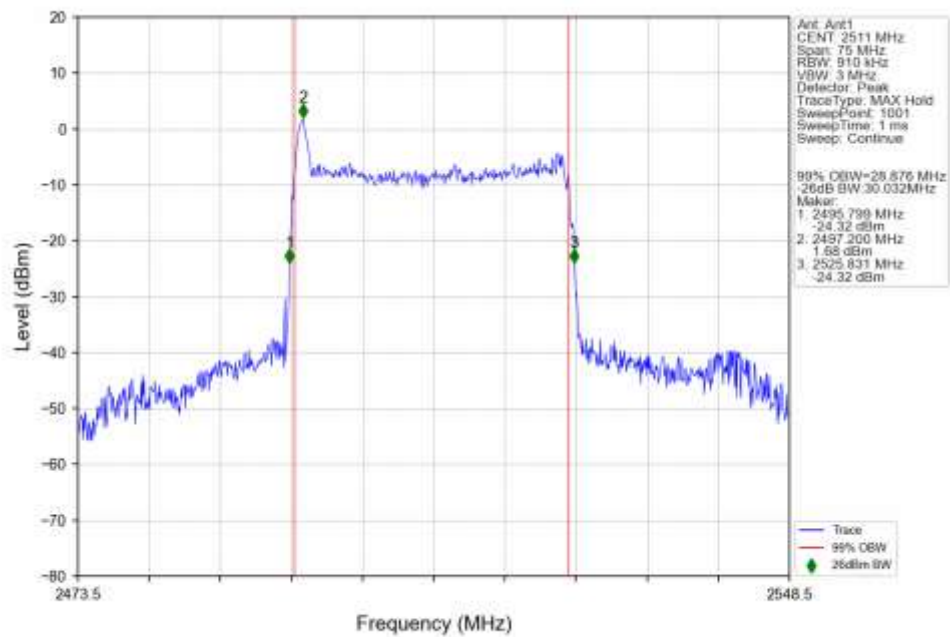
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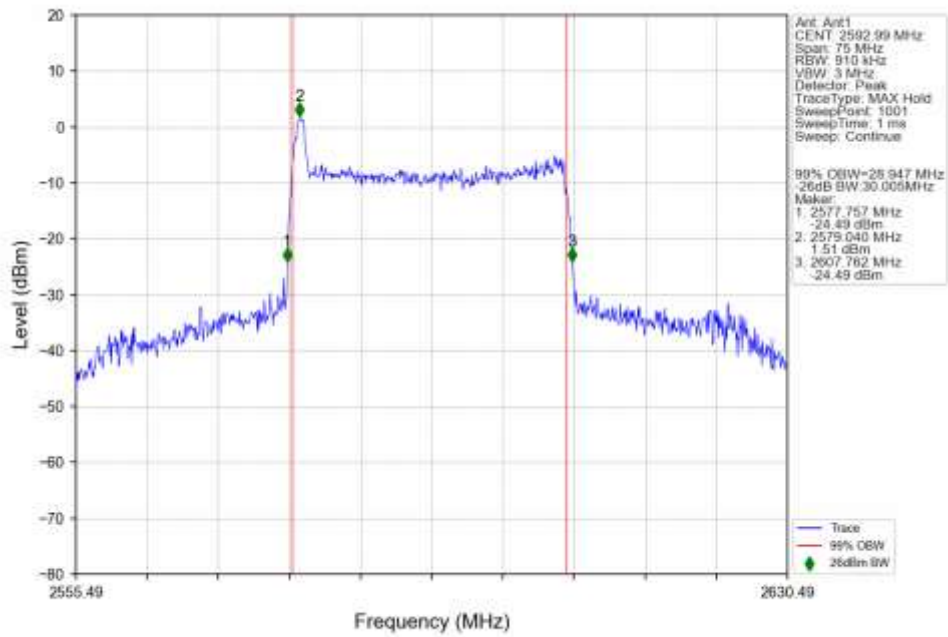
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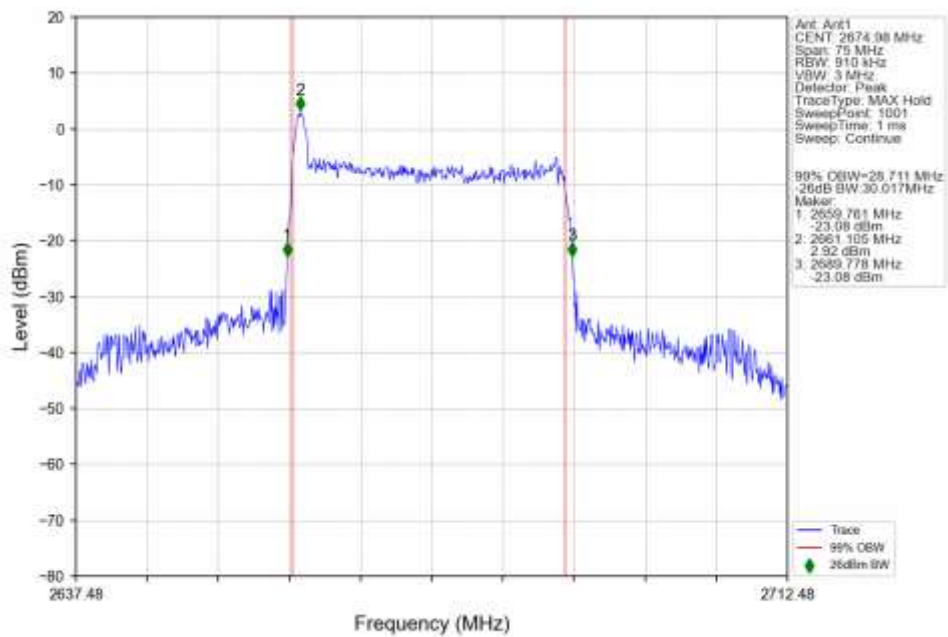
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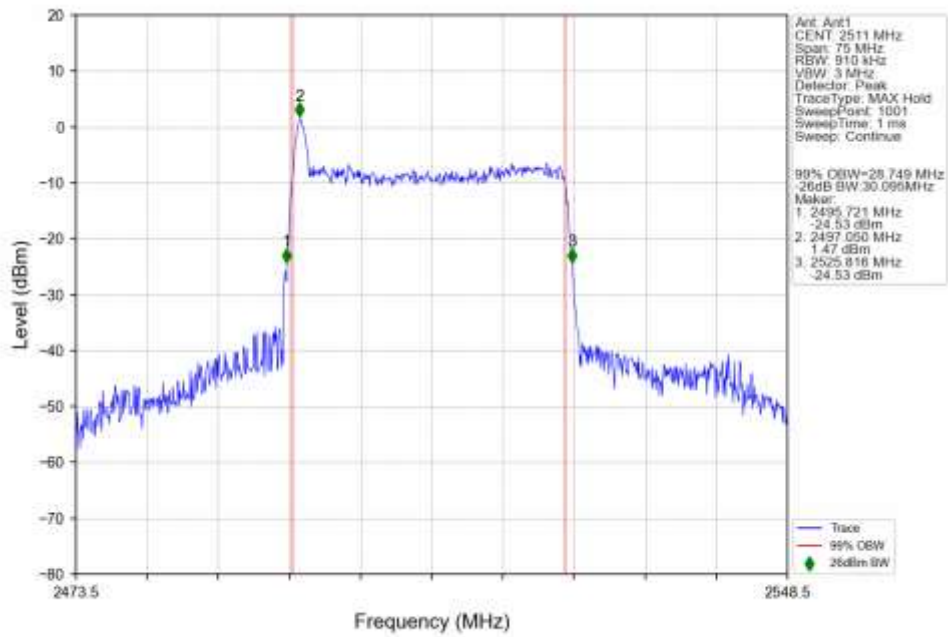
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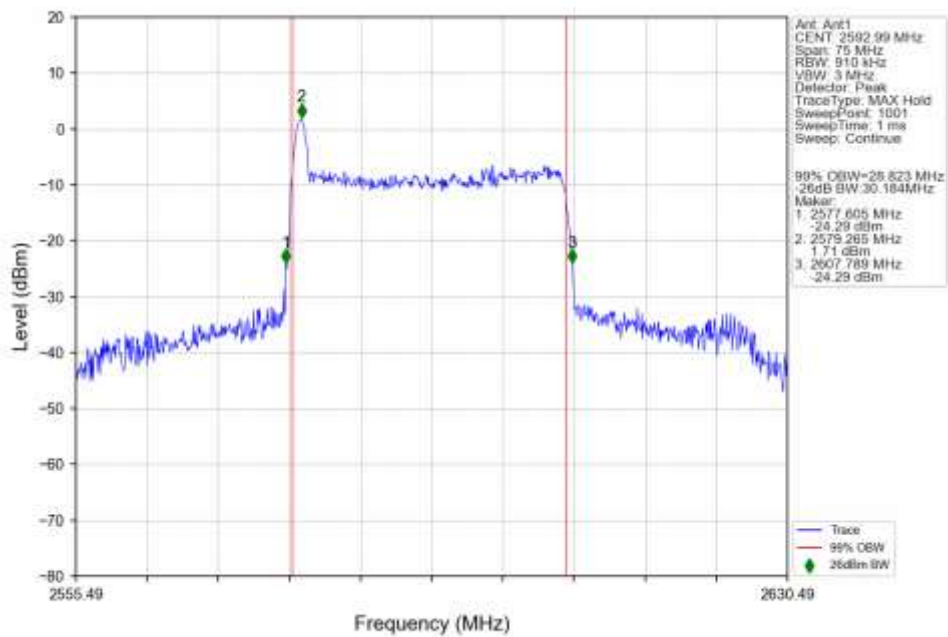
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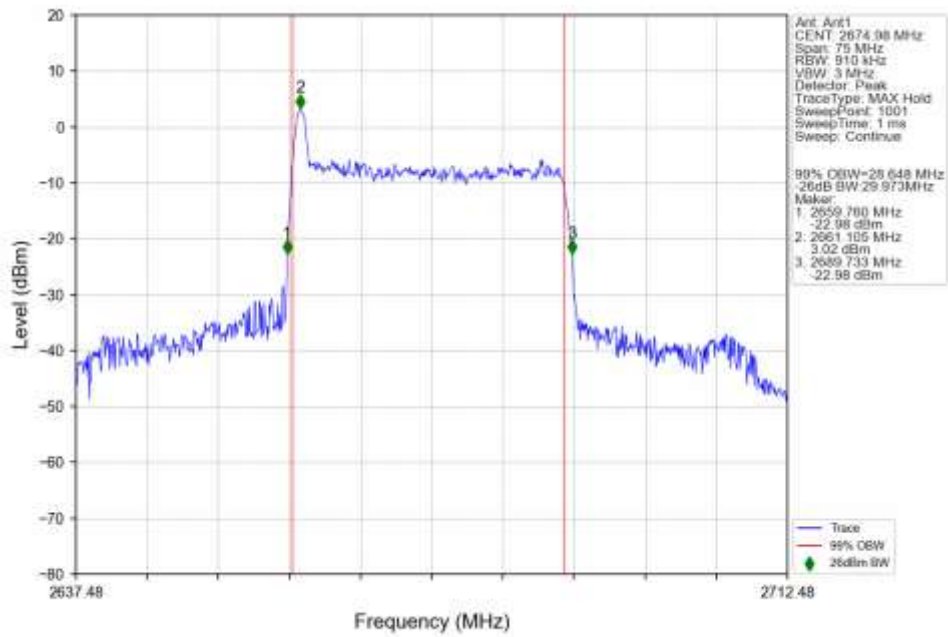
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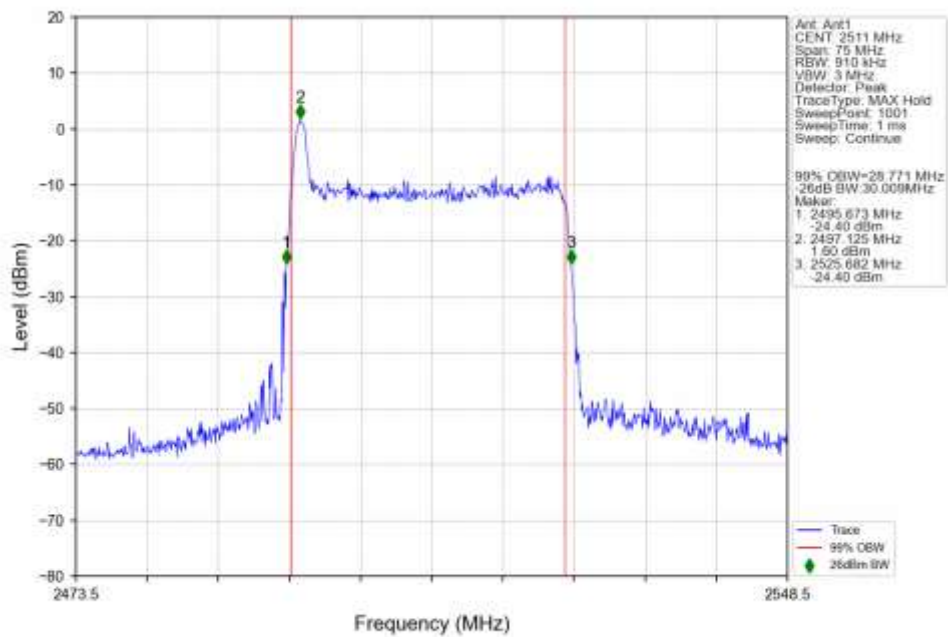
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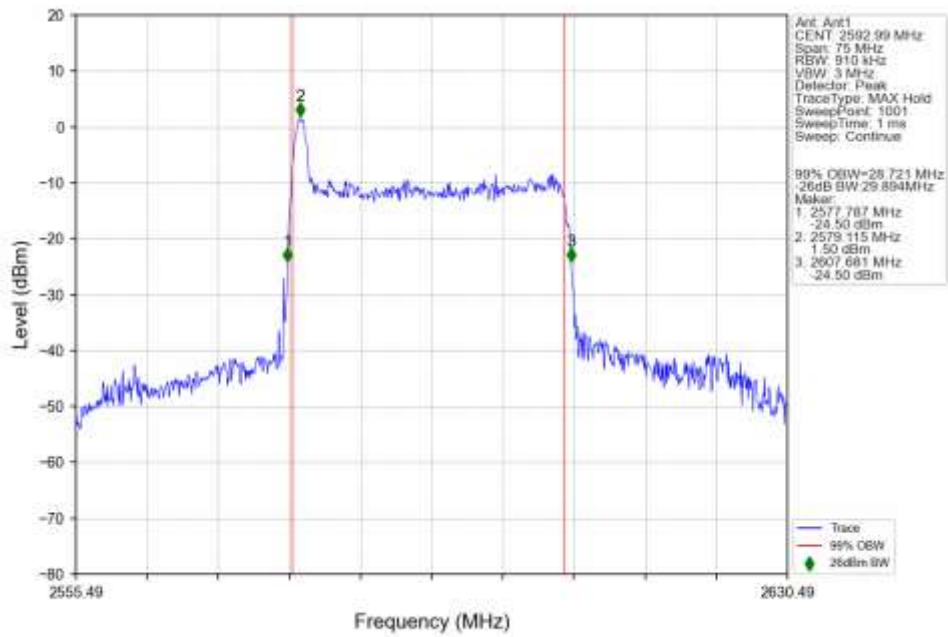
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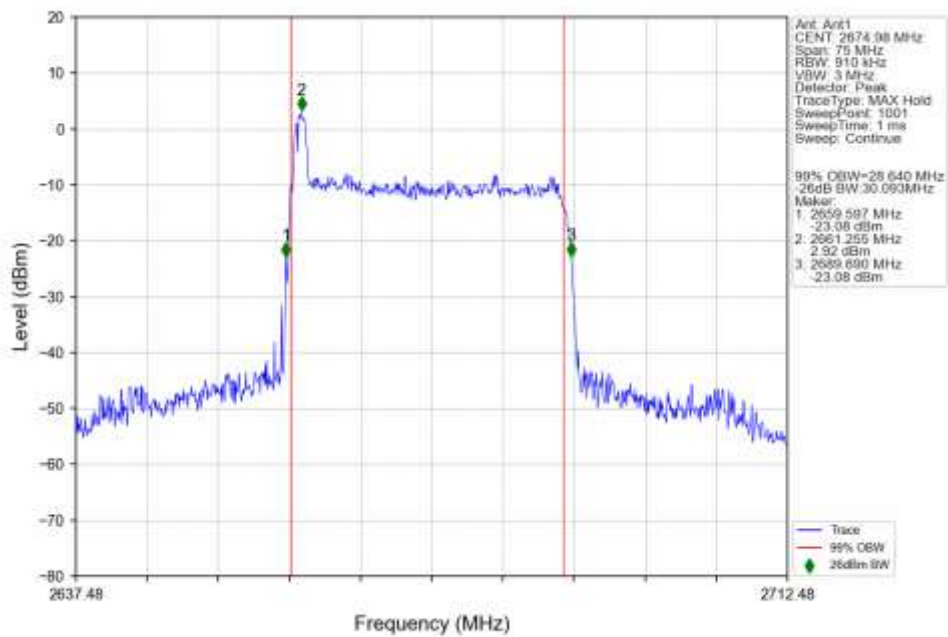
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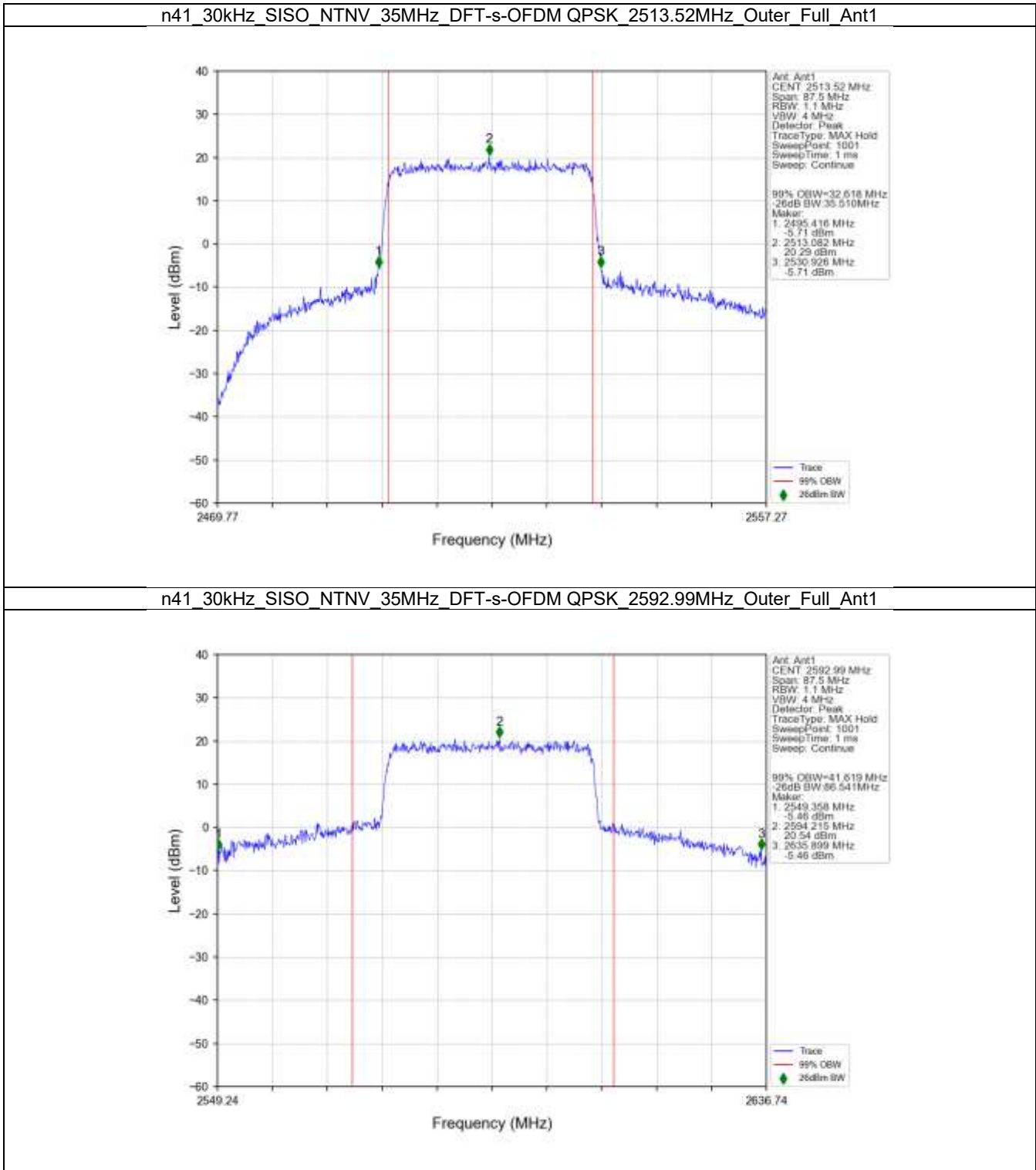
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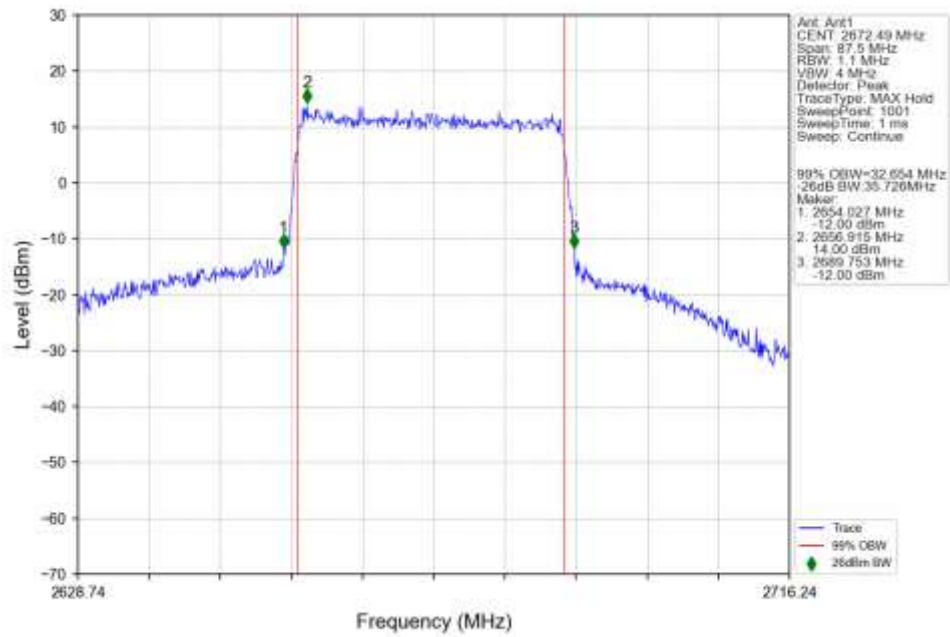
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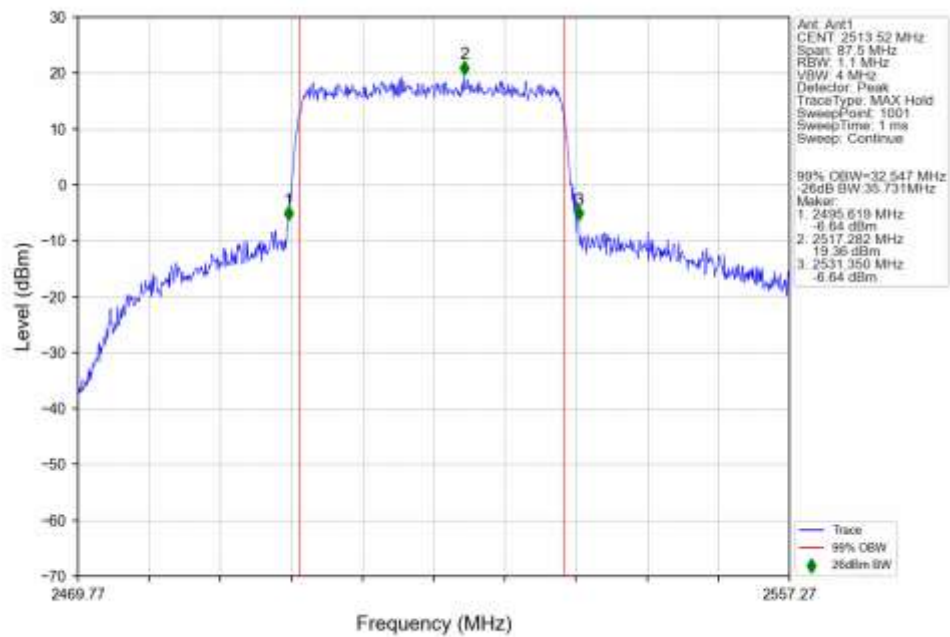
4.2.6 30k_SISO_35MHz_NTNV



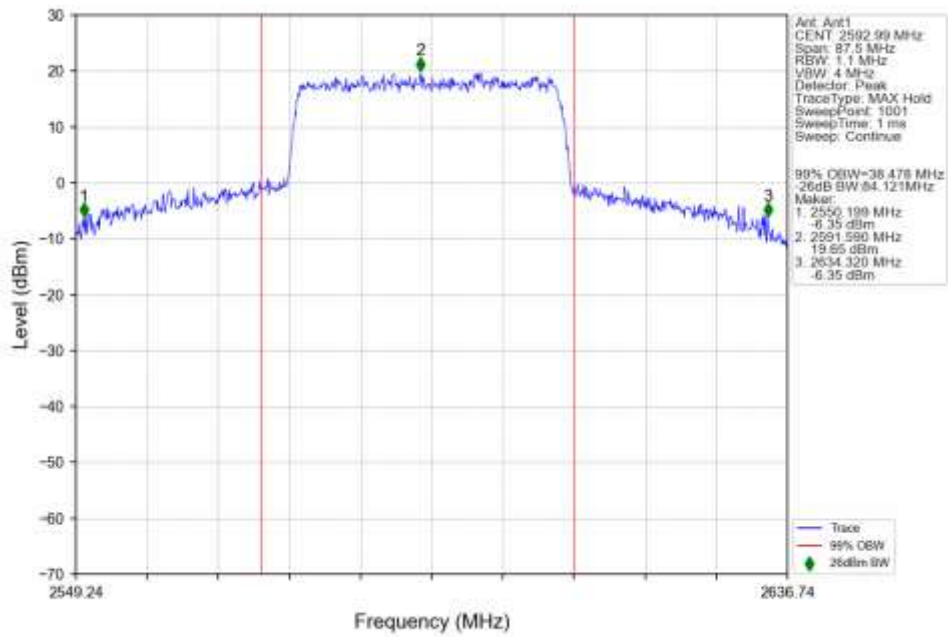
n41 30kHz SISO NTN 35MHz DFT-s-OFDM QPSK 2672.49MHz Outer Full Ant1



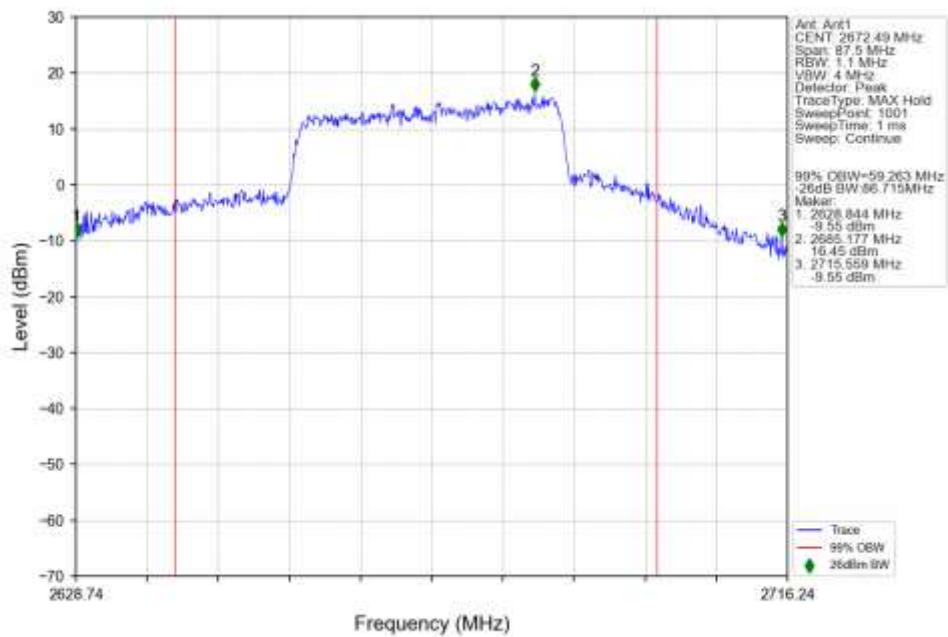
n41 30kHz SISO NTN 35MHz DFT-s-OFDM 16 QAM 2513.52MHz Outer Full Ant1



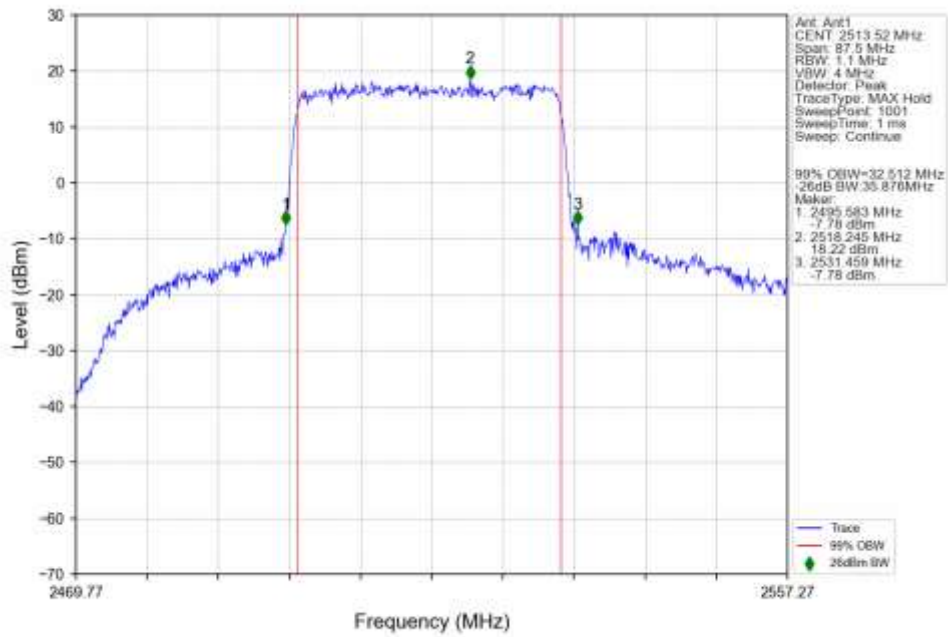
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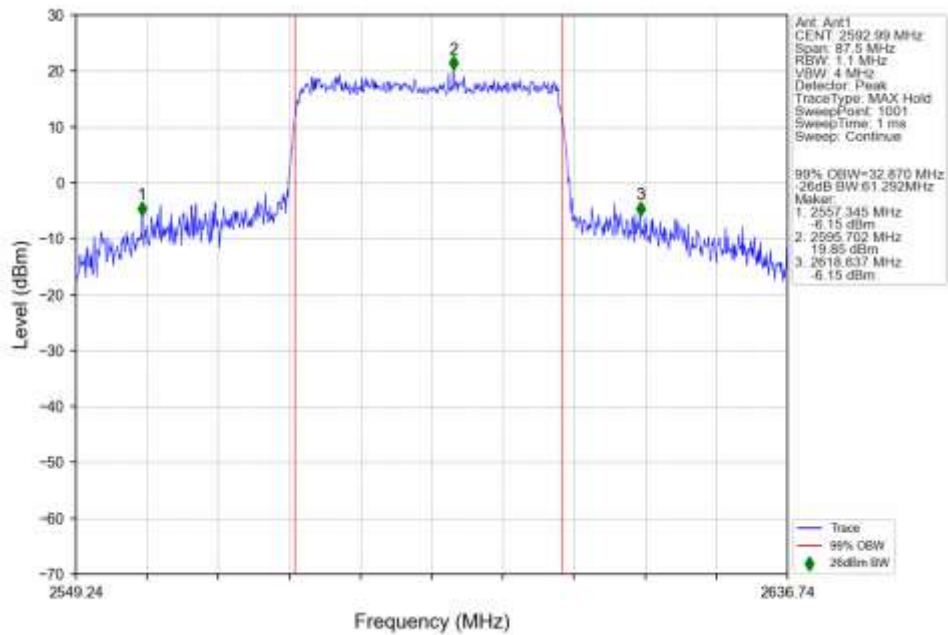
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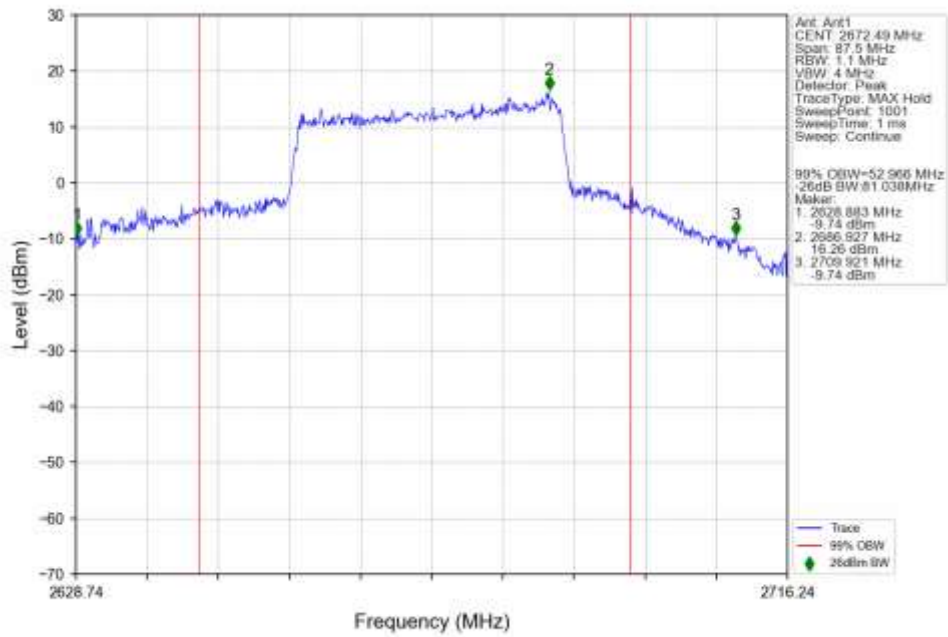
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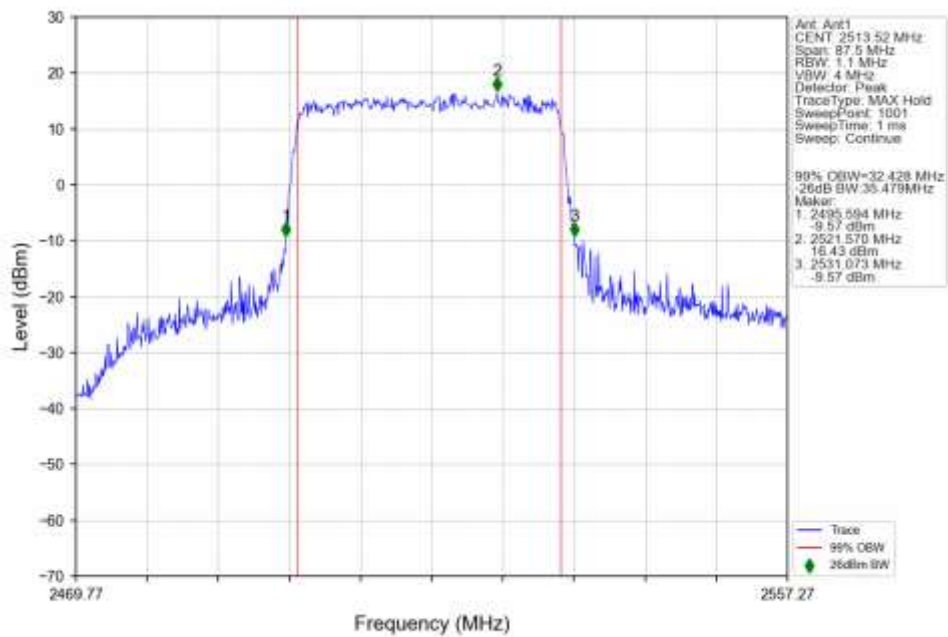
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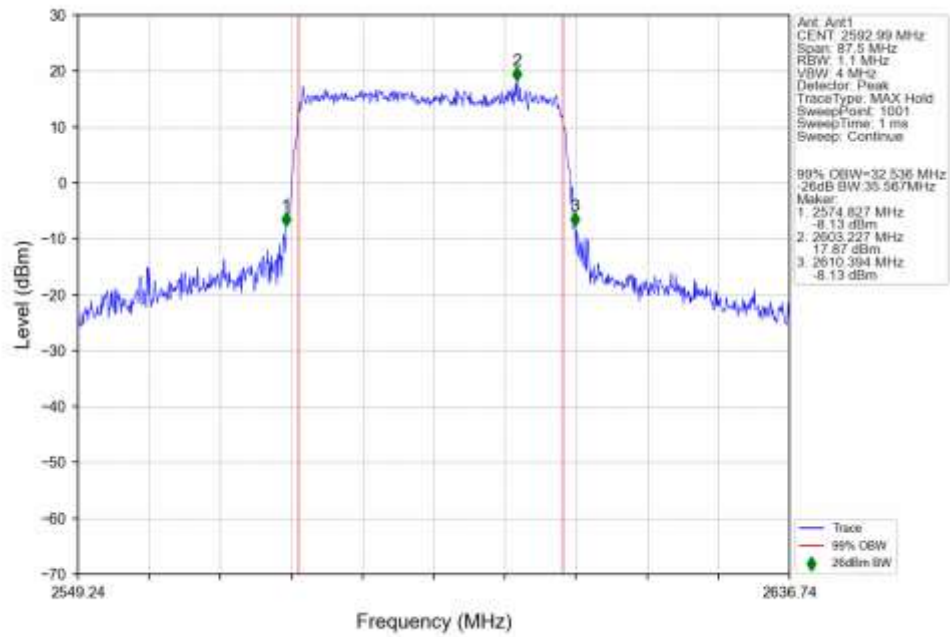
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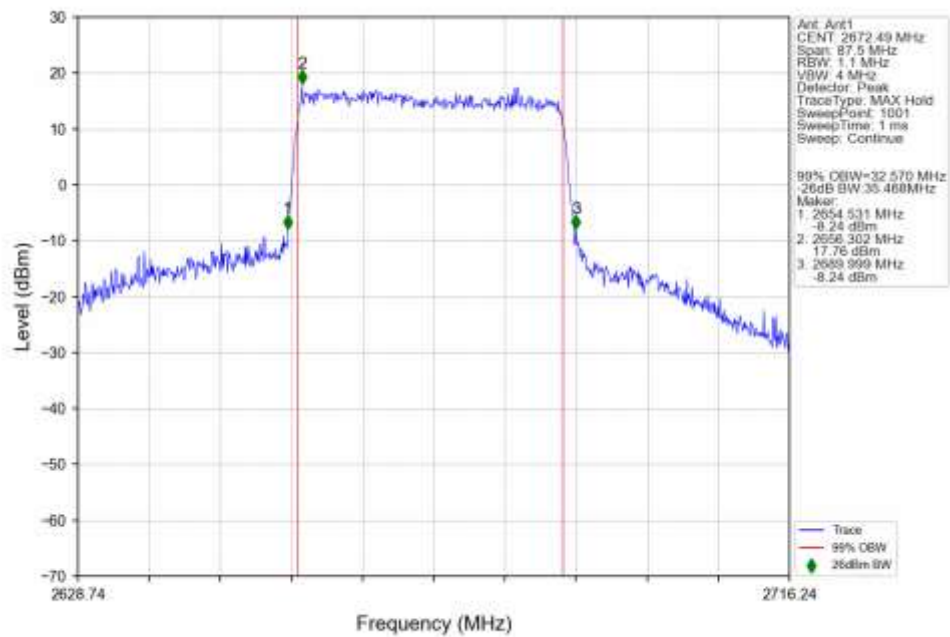
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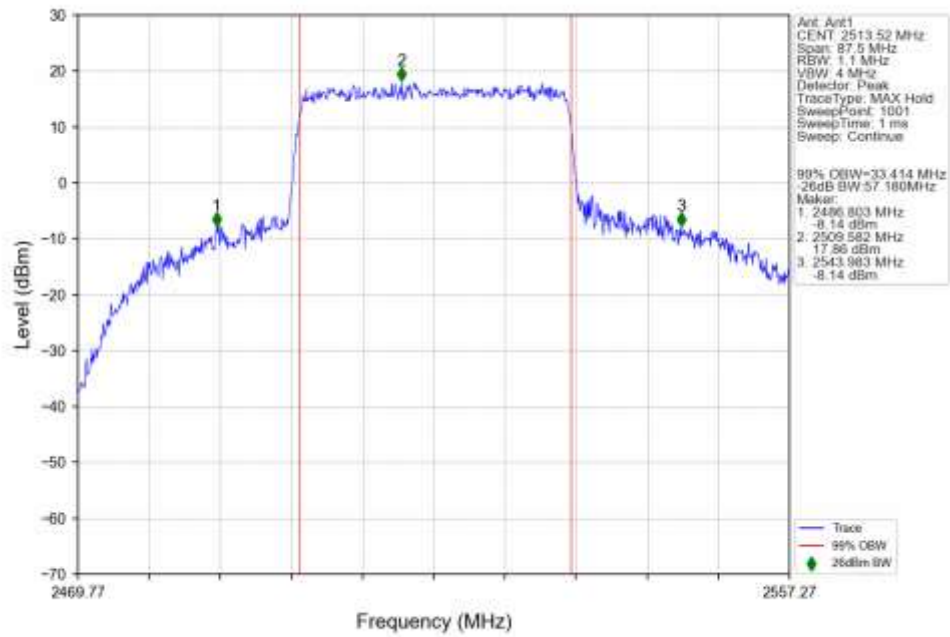
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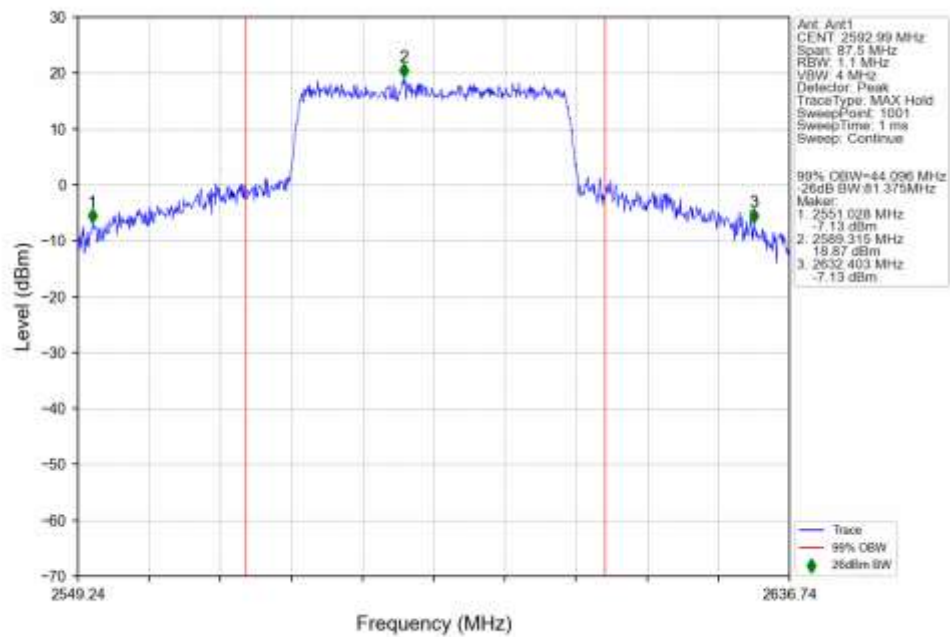
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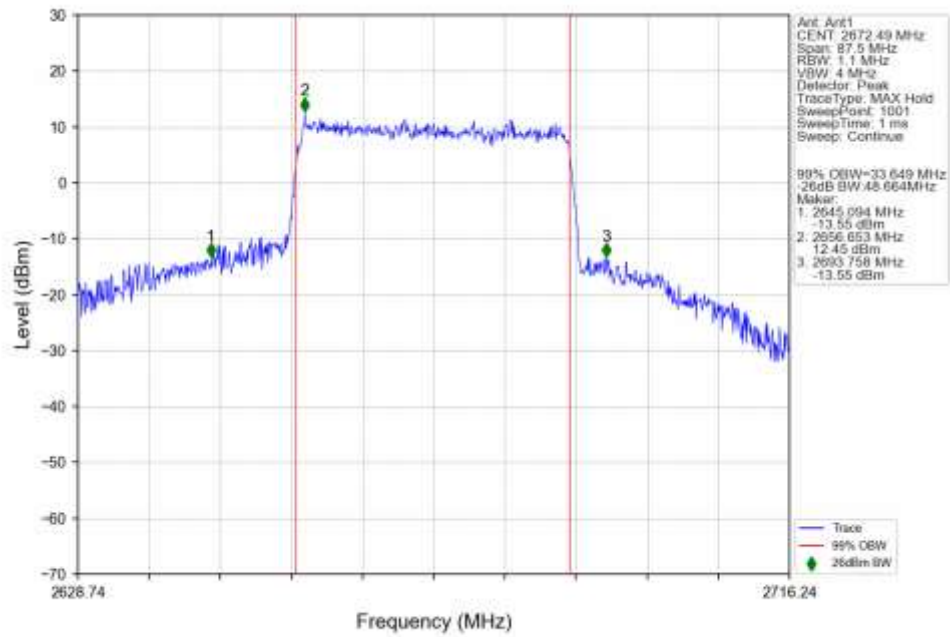
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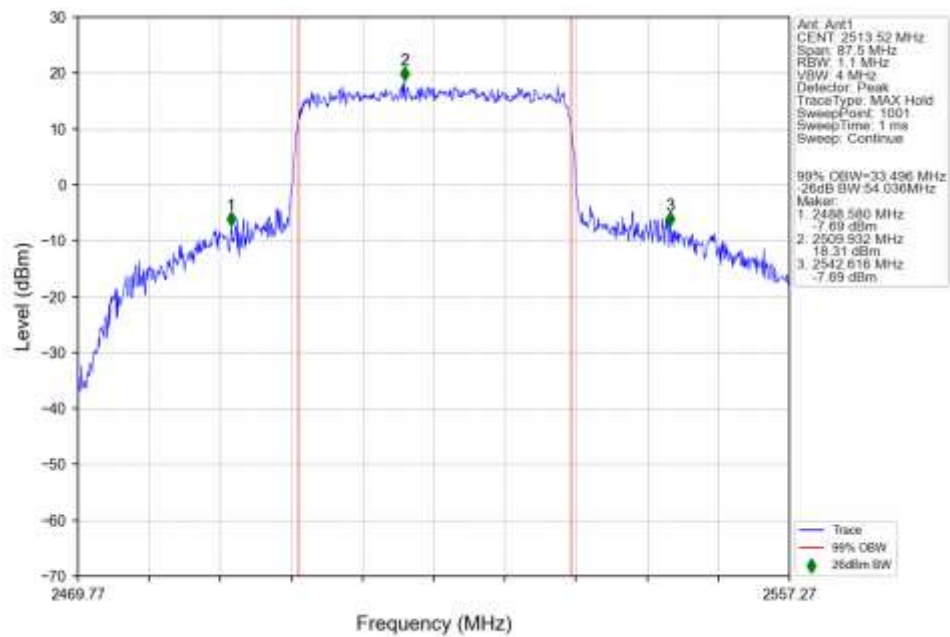
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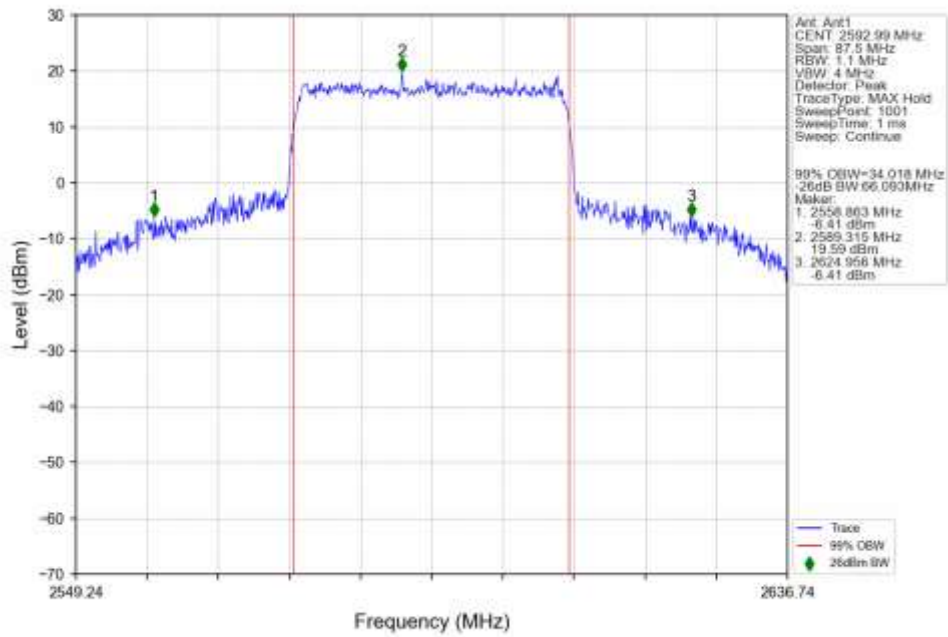
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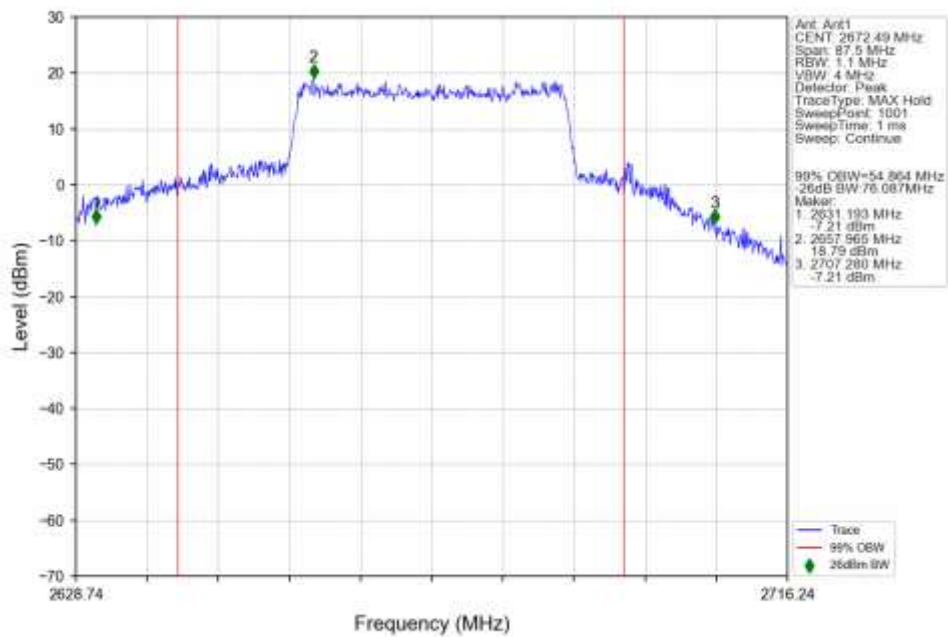
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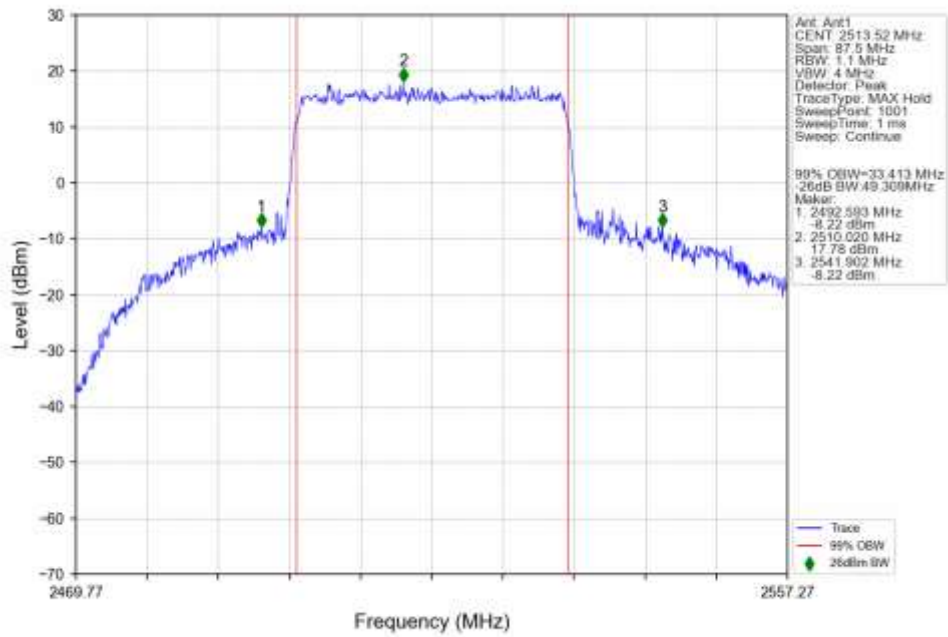
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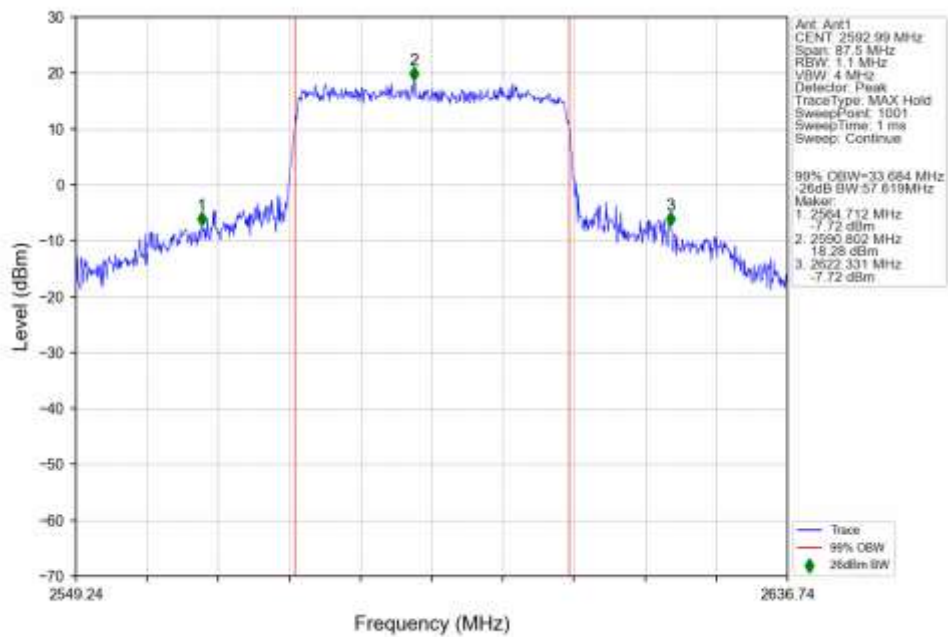
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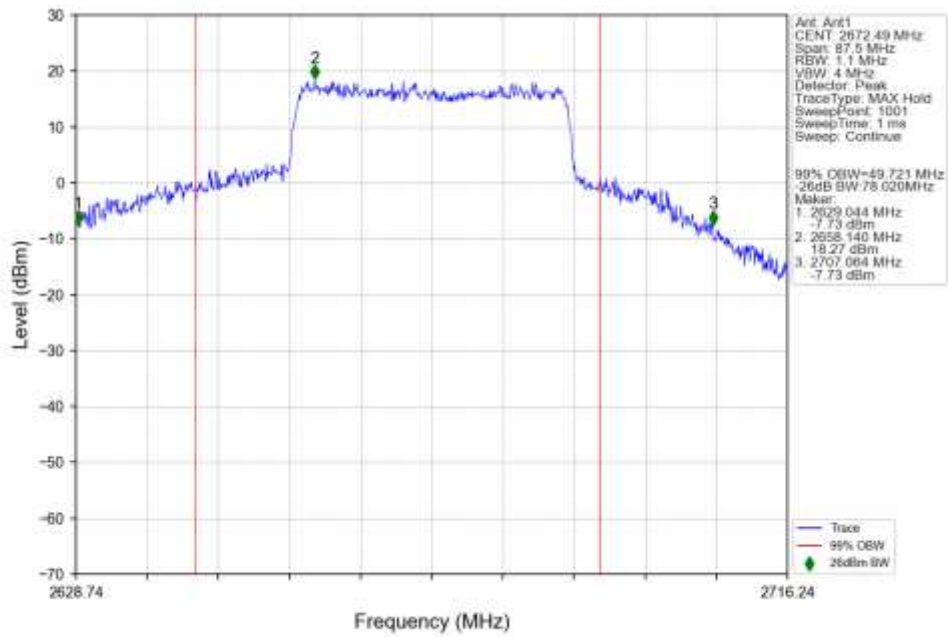
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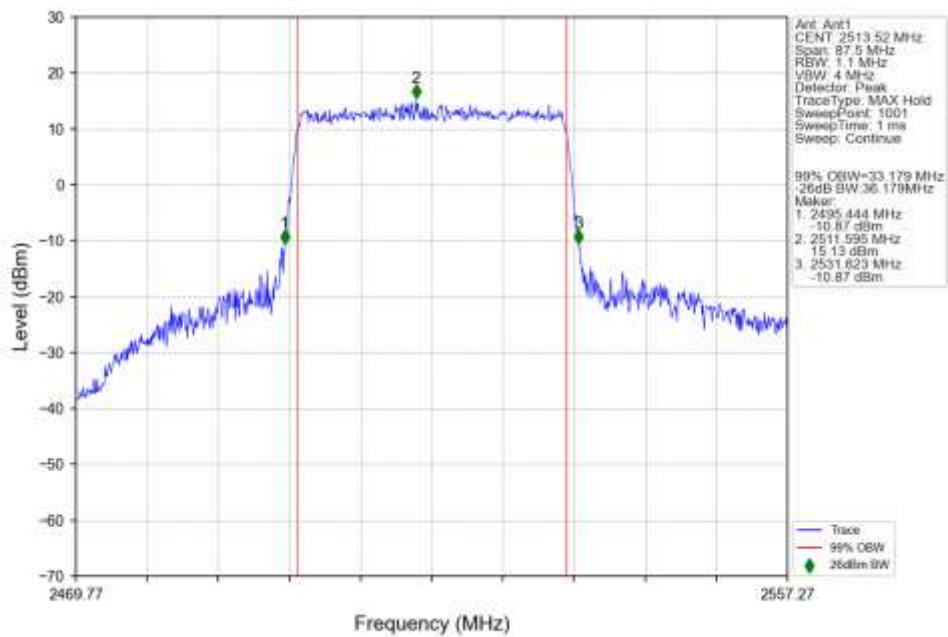
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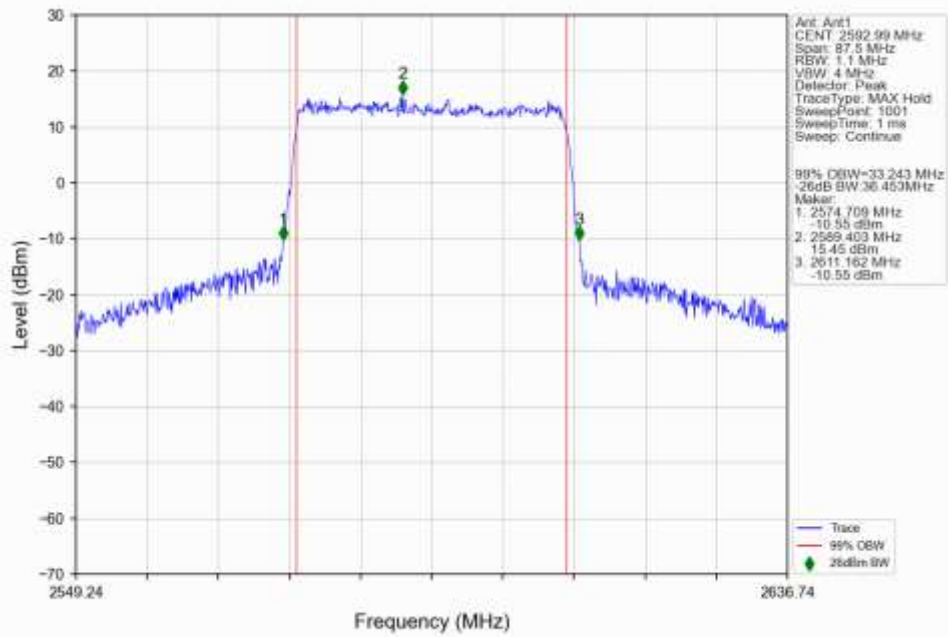
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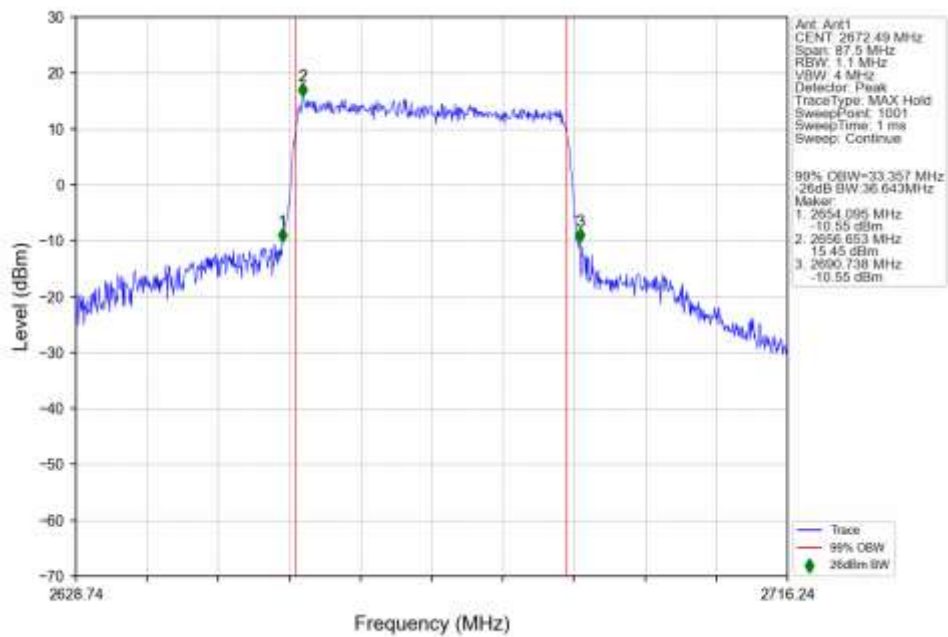
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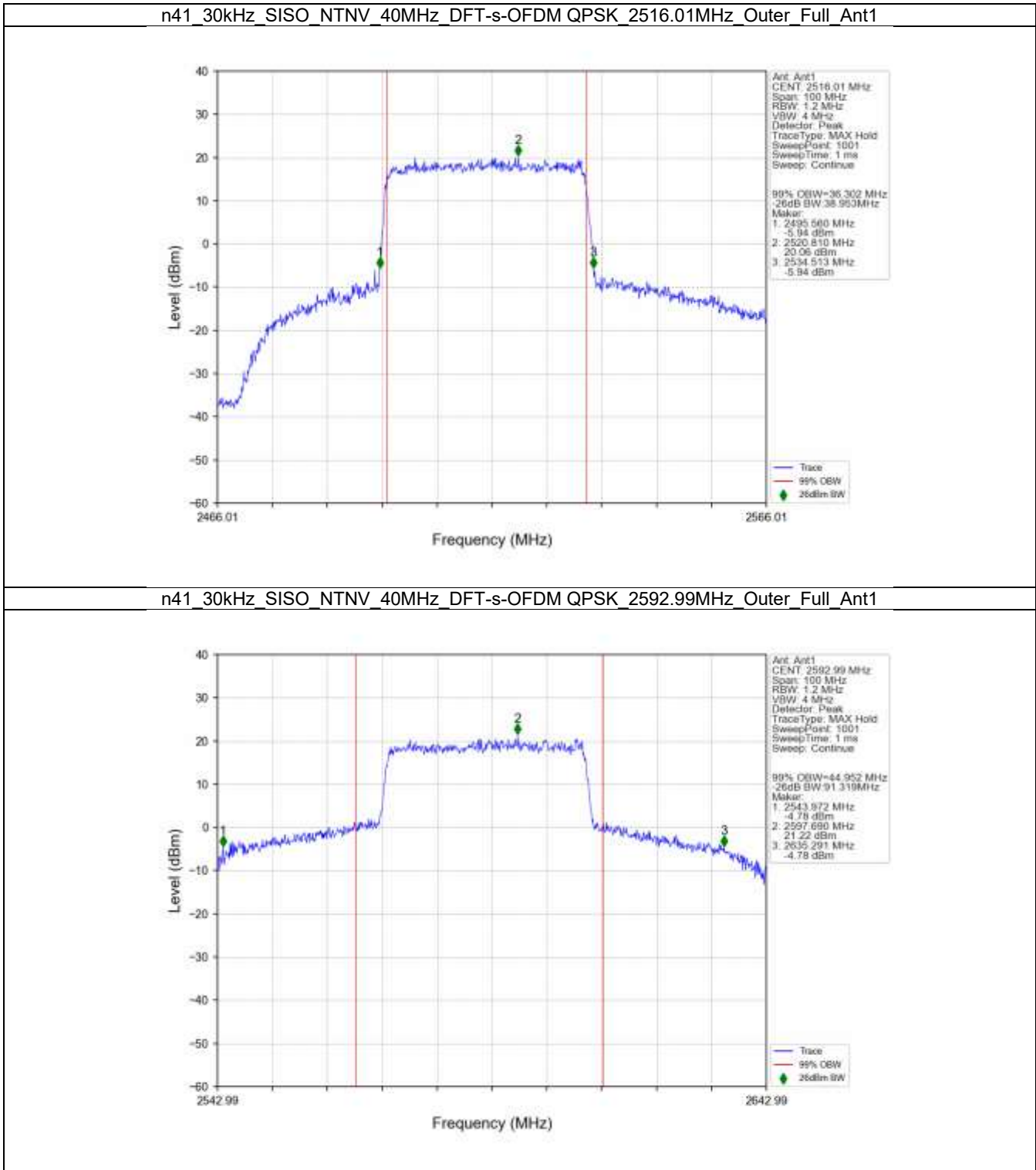
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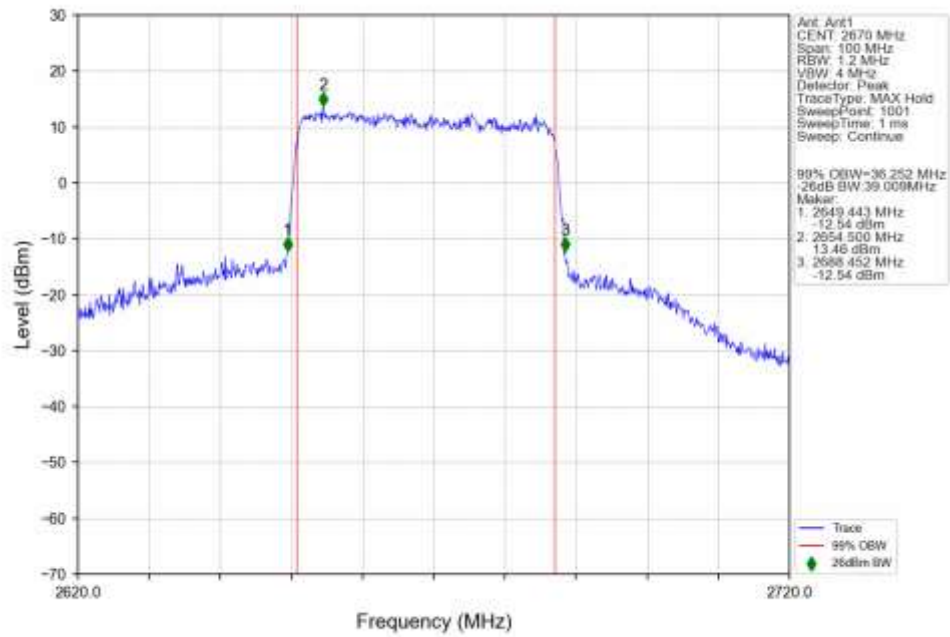
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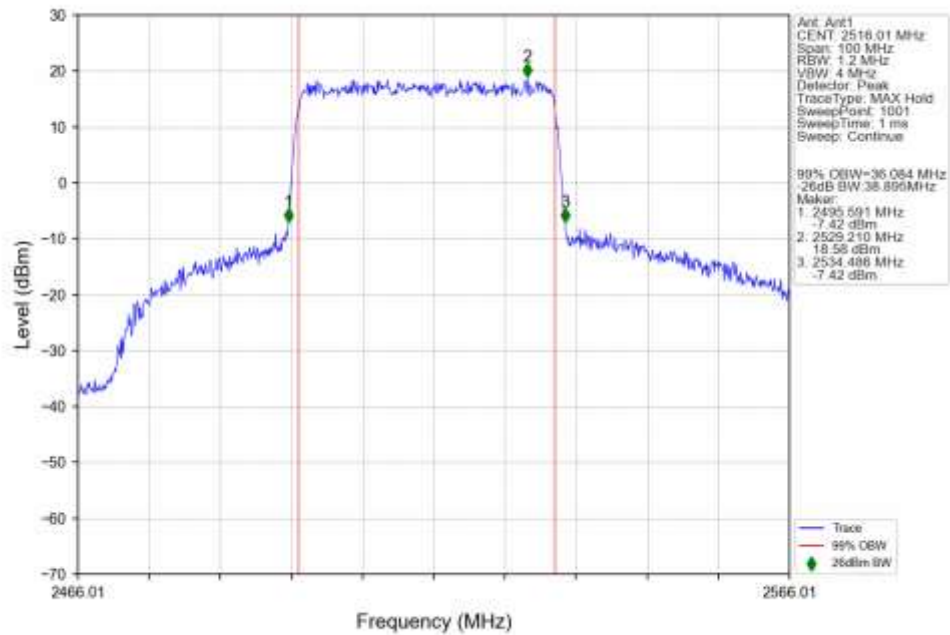
4.2.7 30k_SISO_40MHz_NTNV



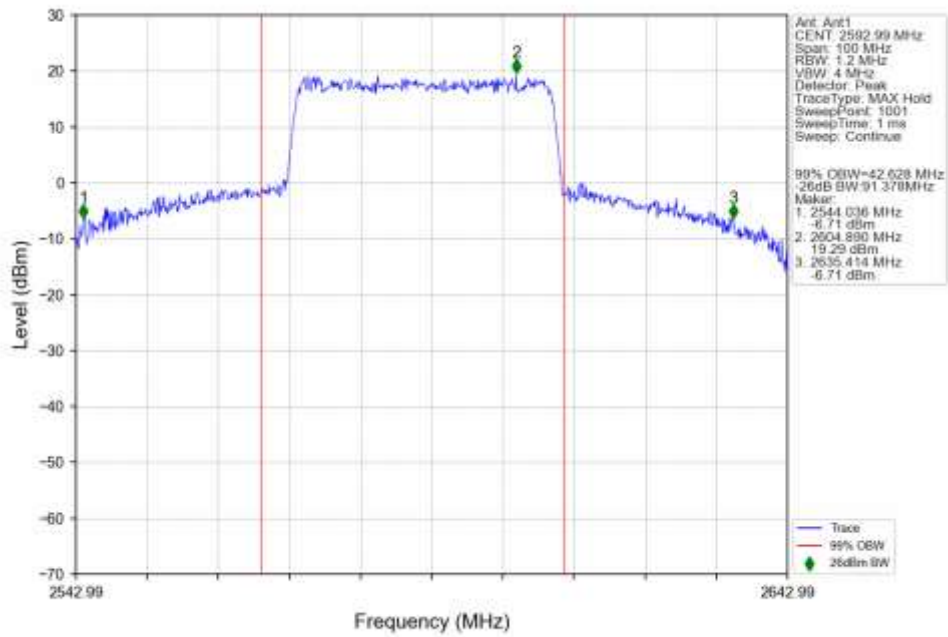
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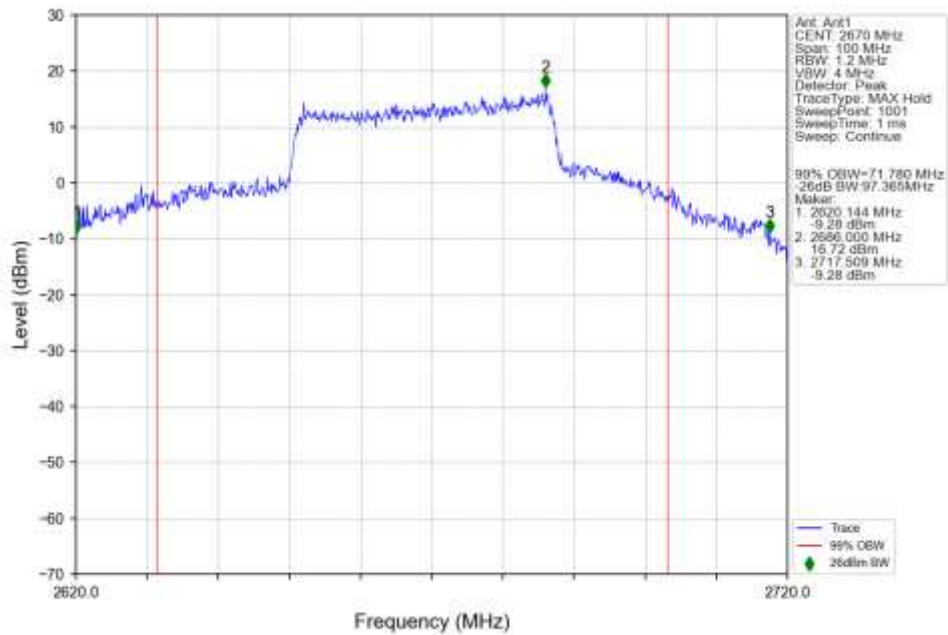
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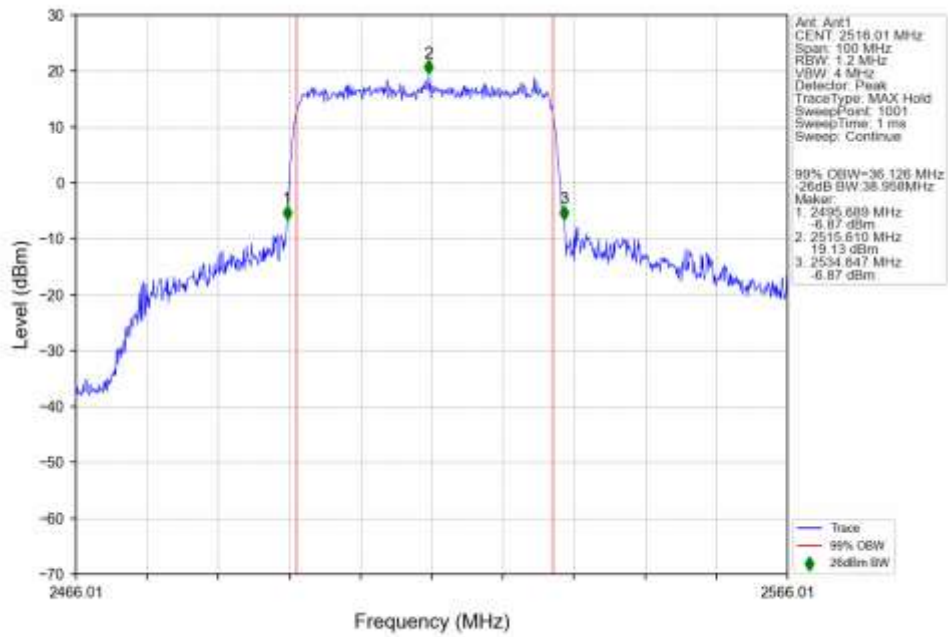
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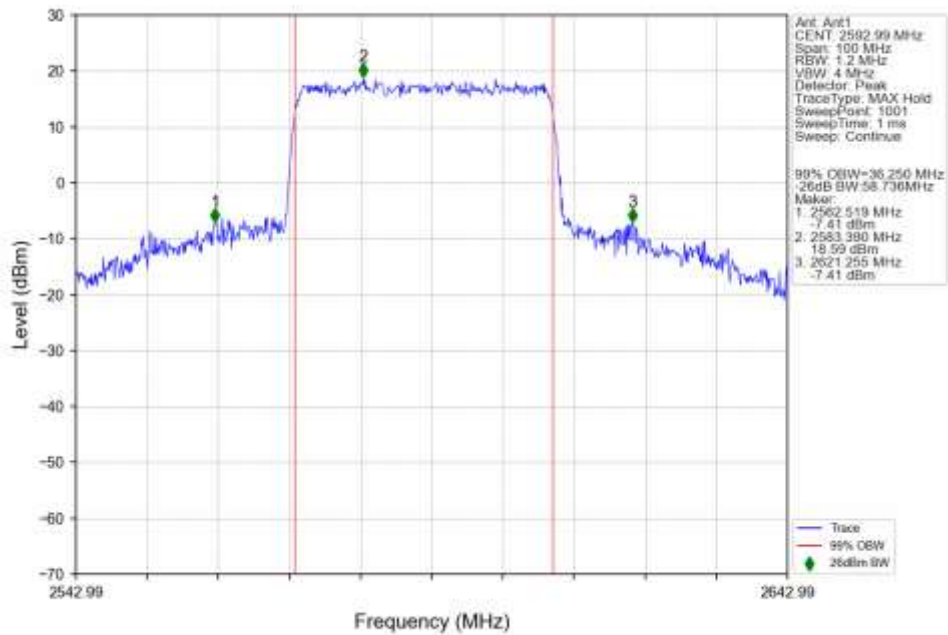
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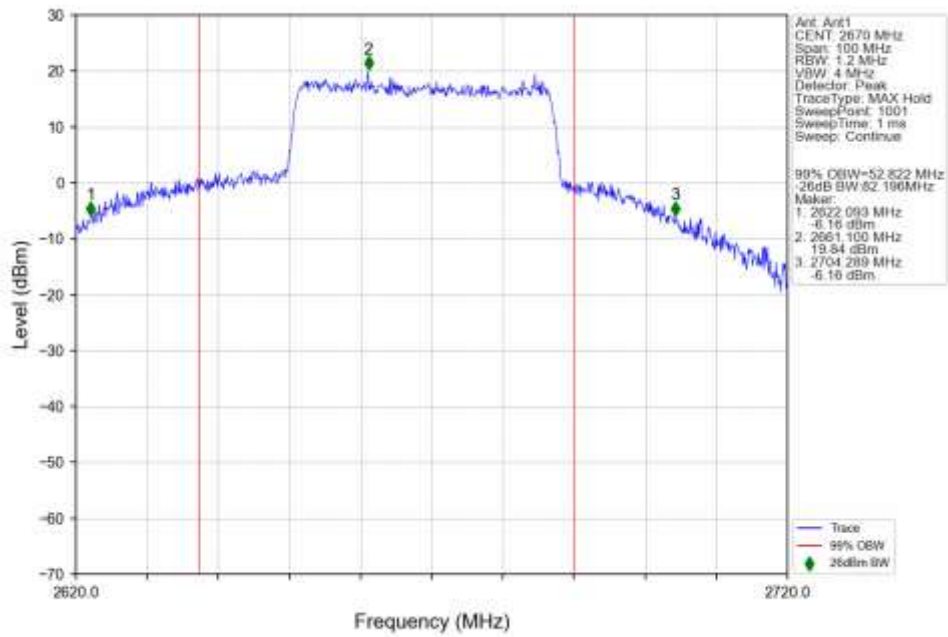
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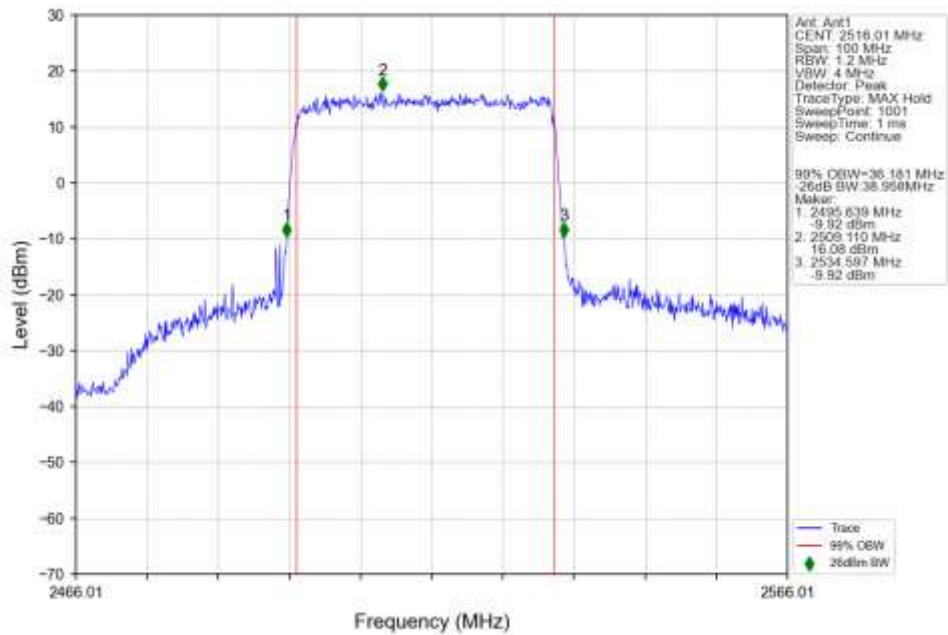
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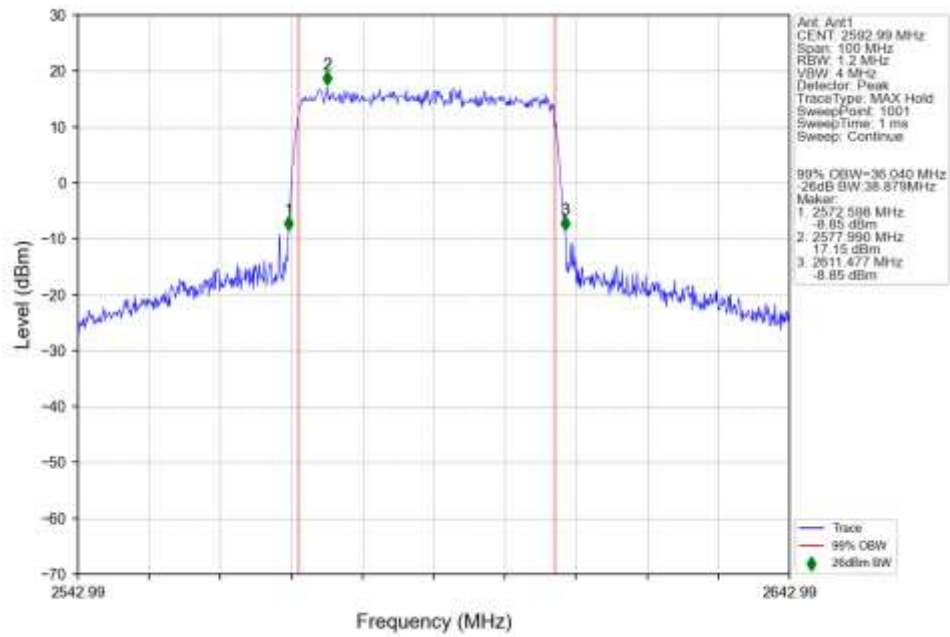
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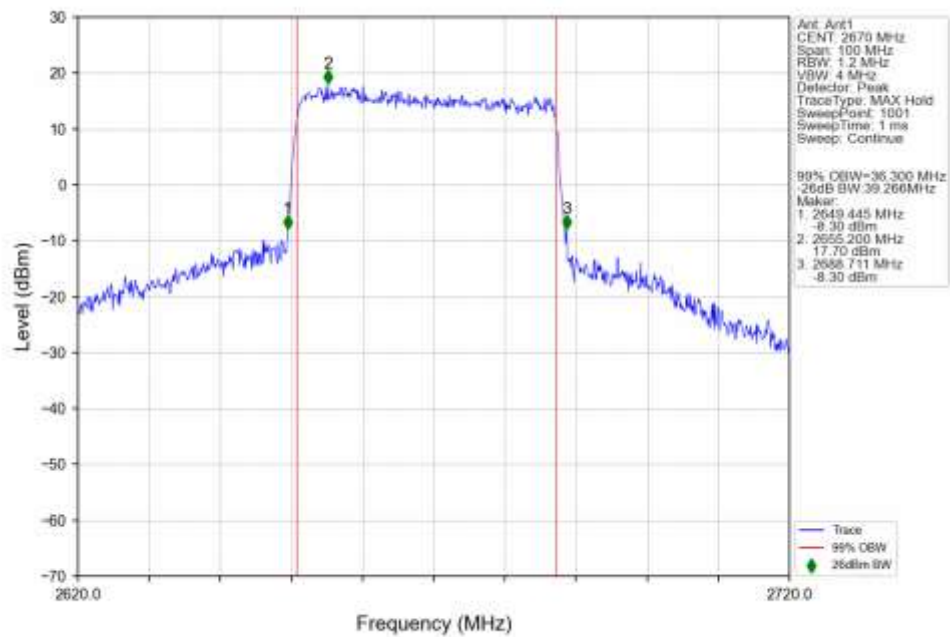
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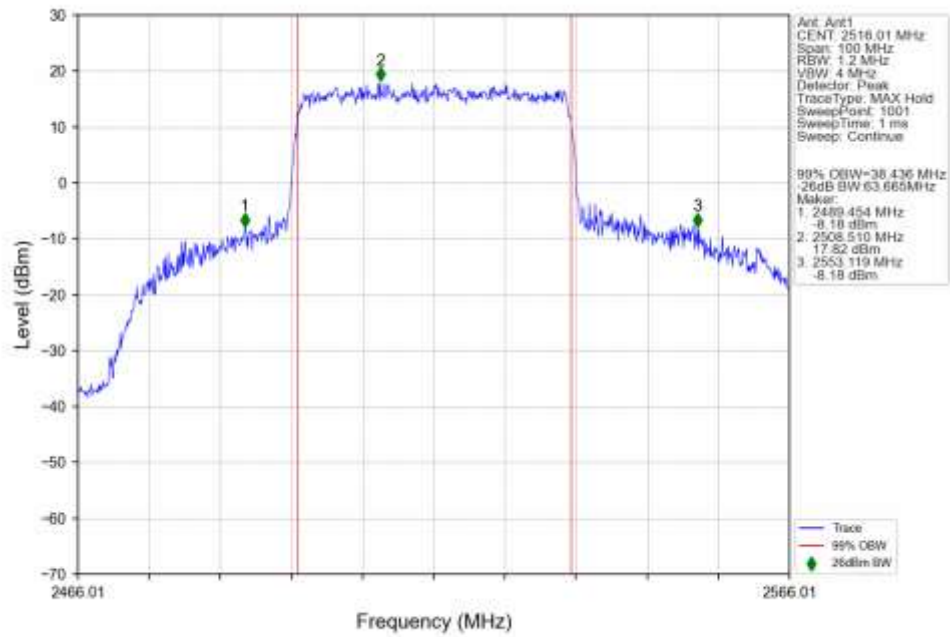
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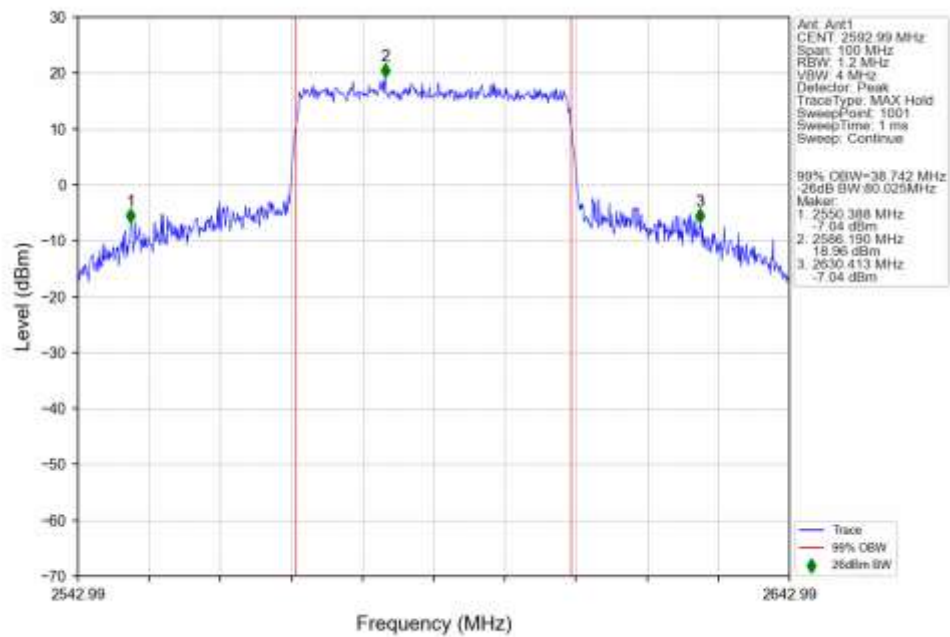
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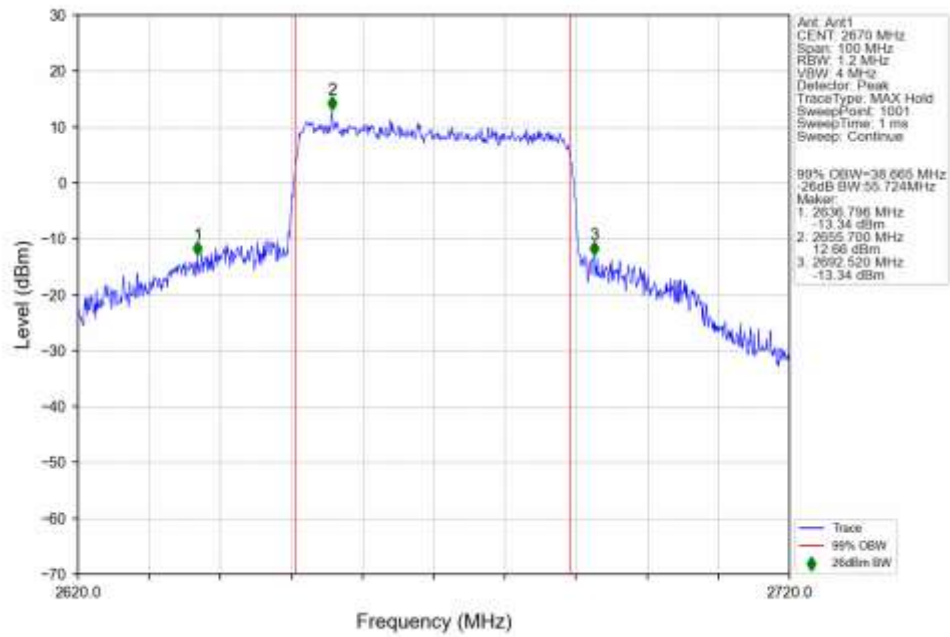
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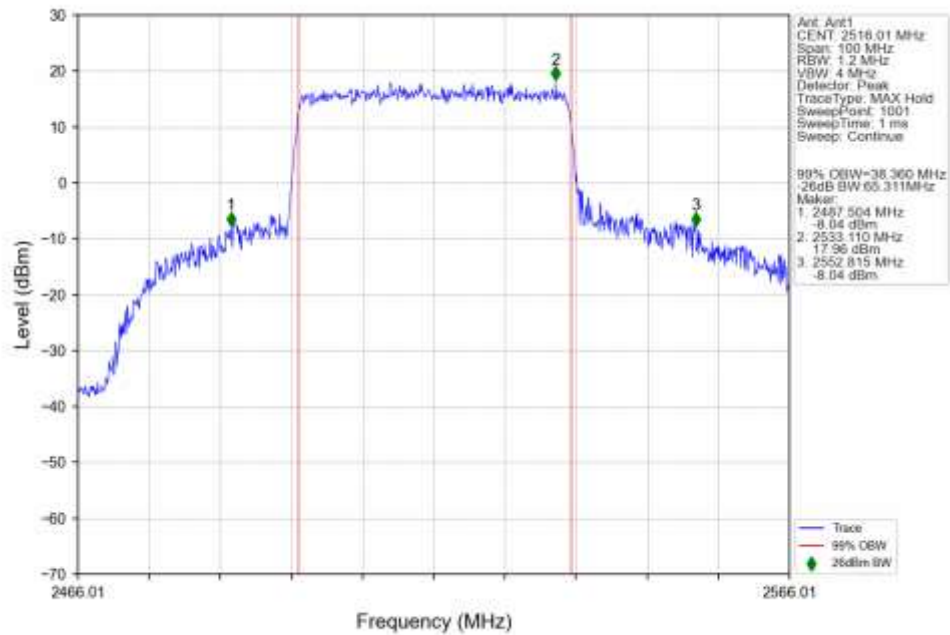
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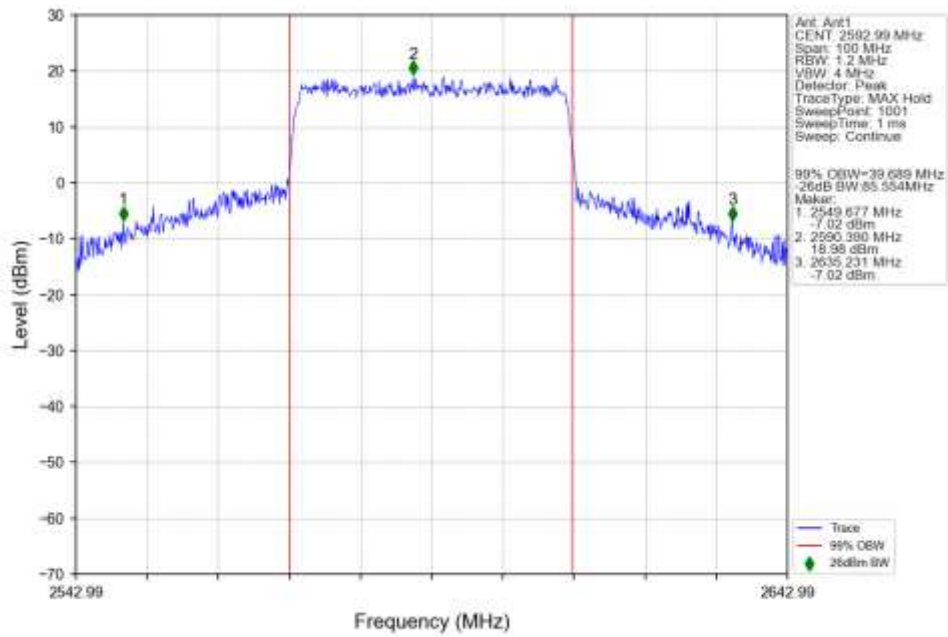
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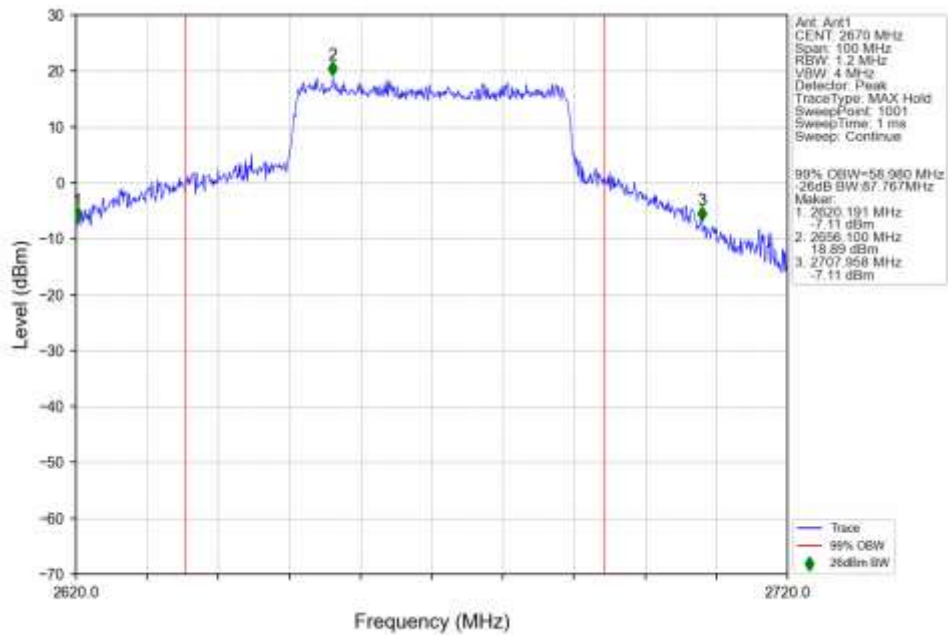
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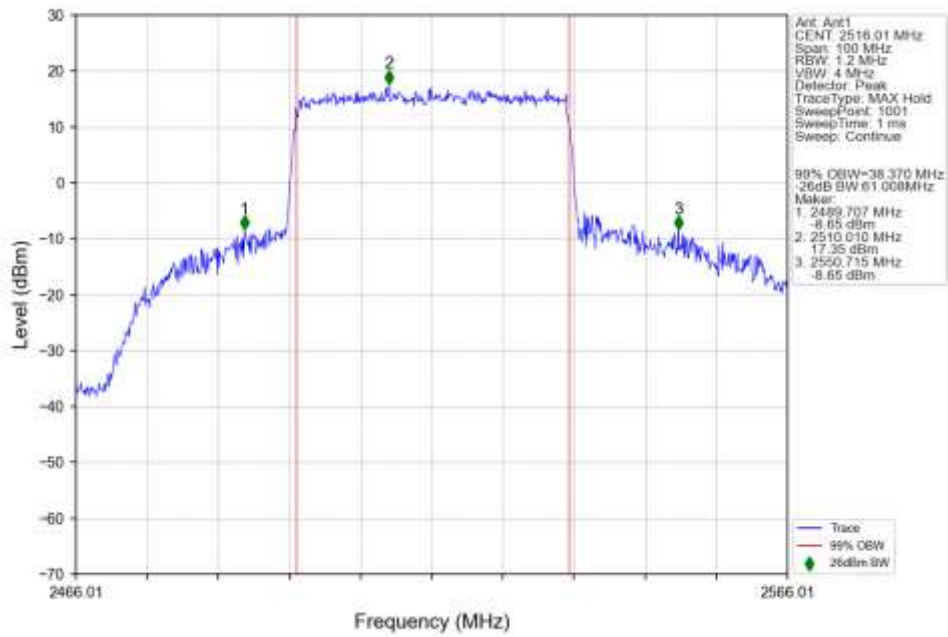
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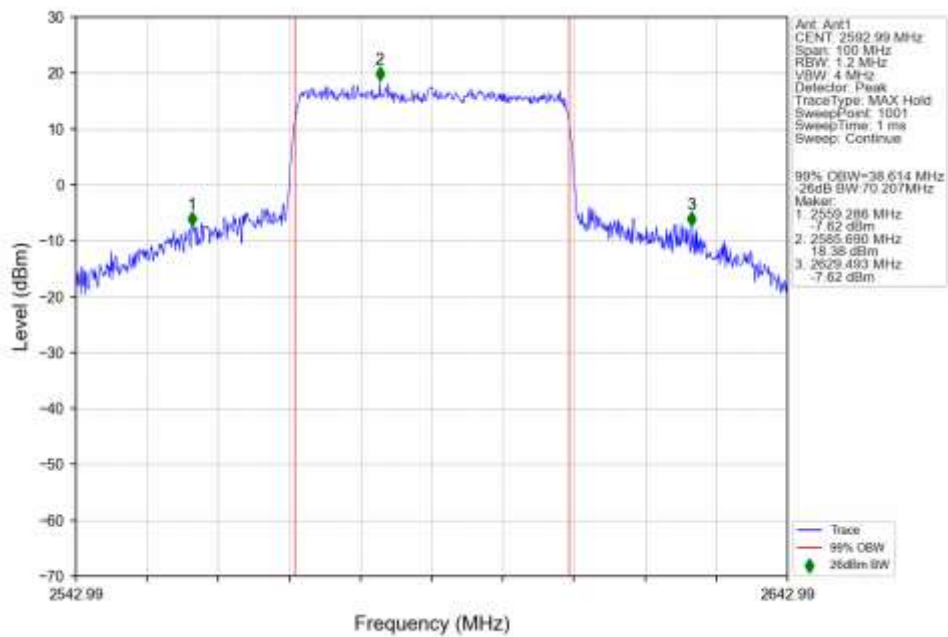
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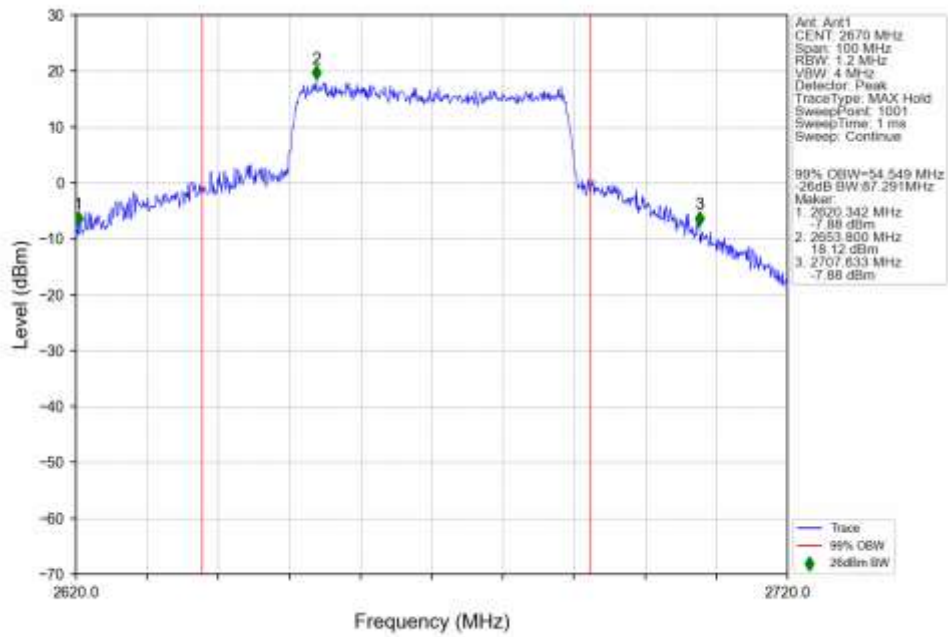
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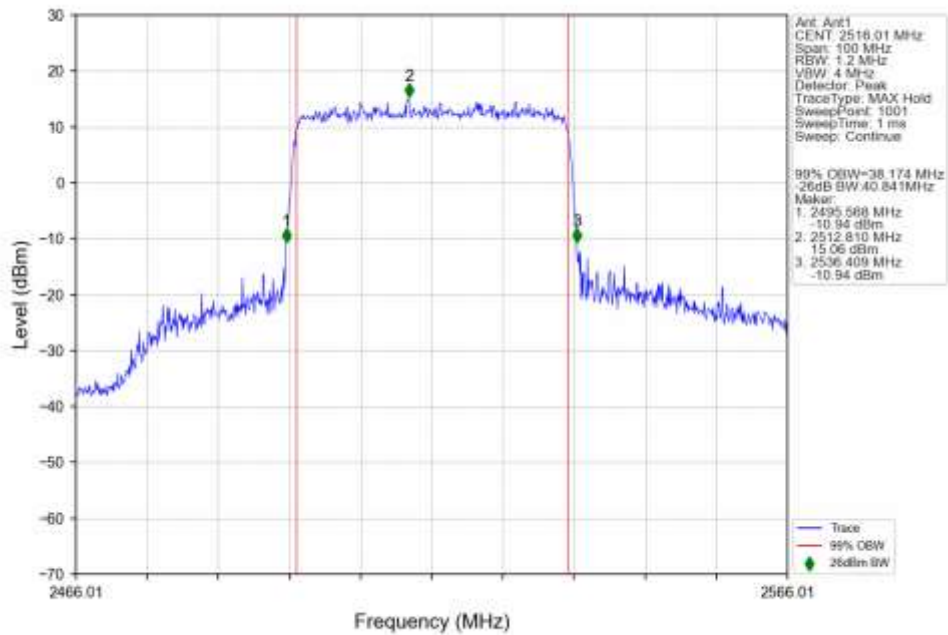
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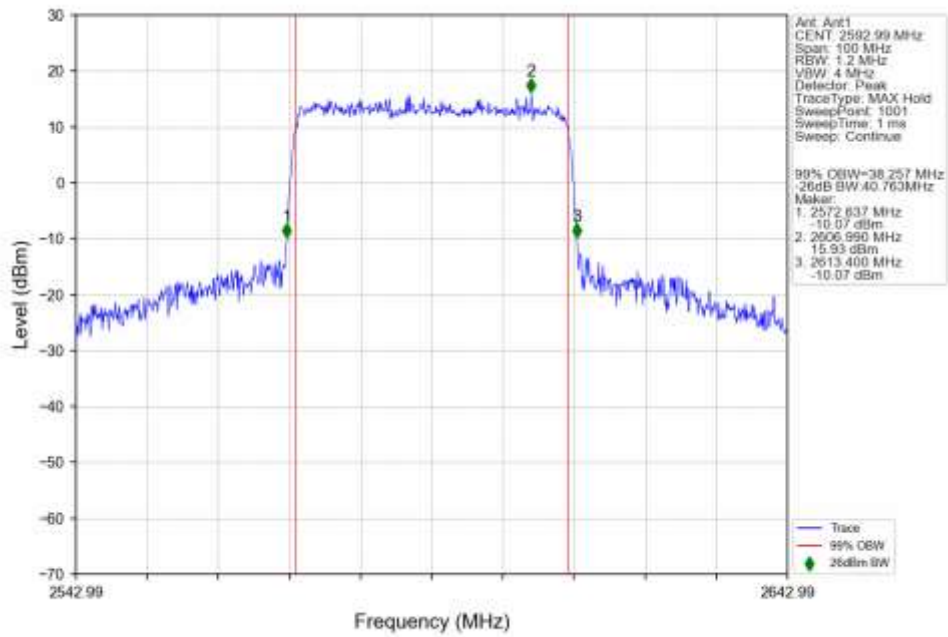
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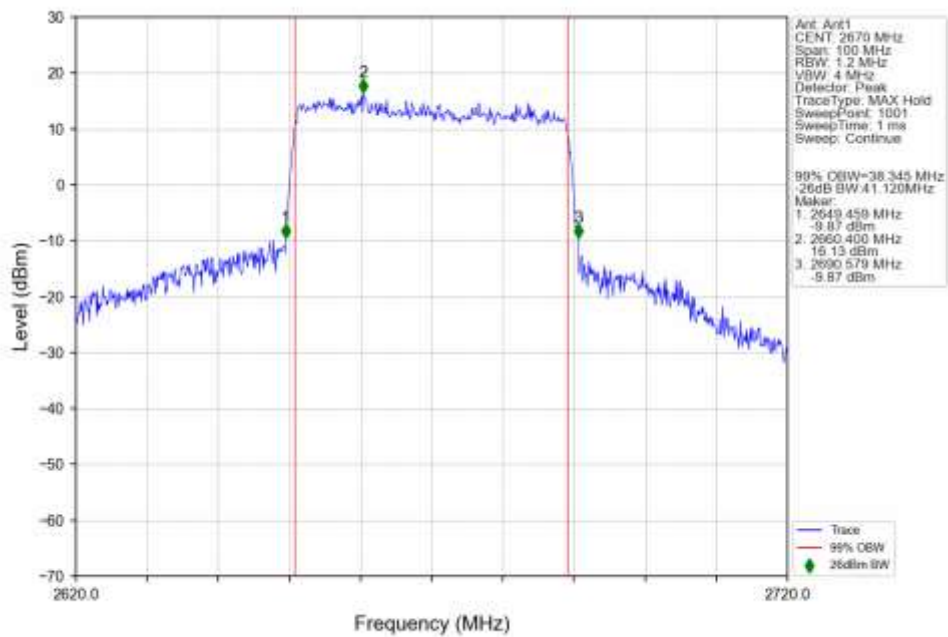
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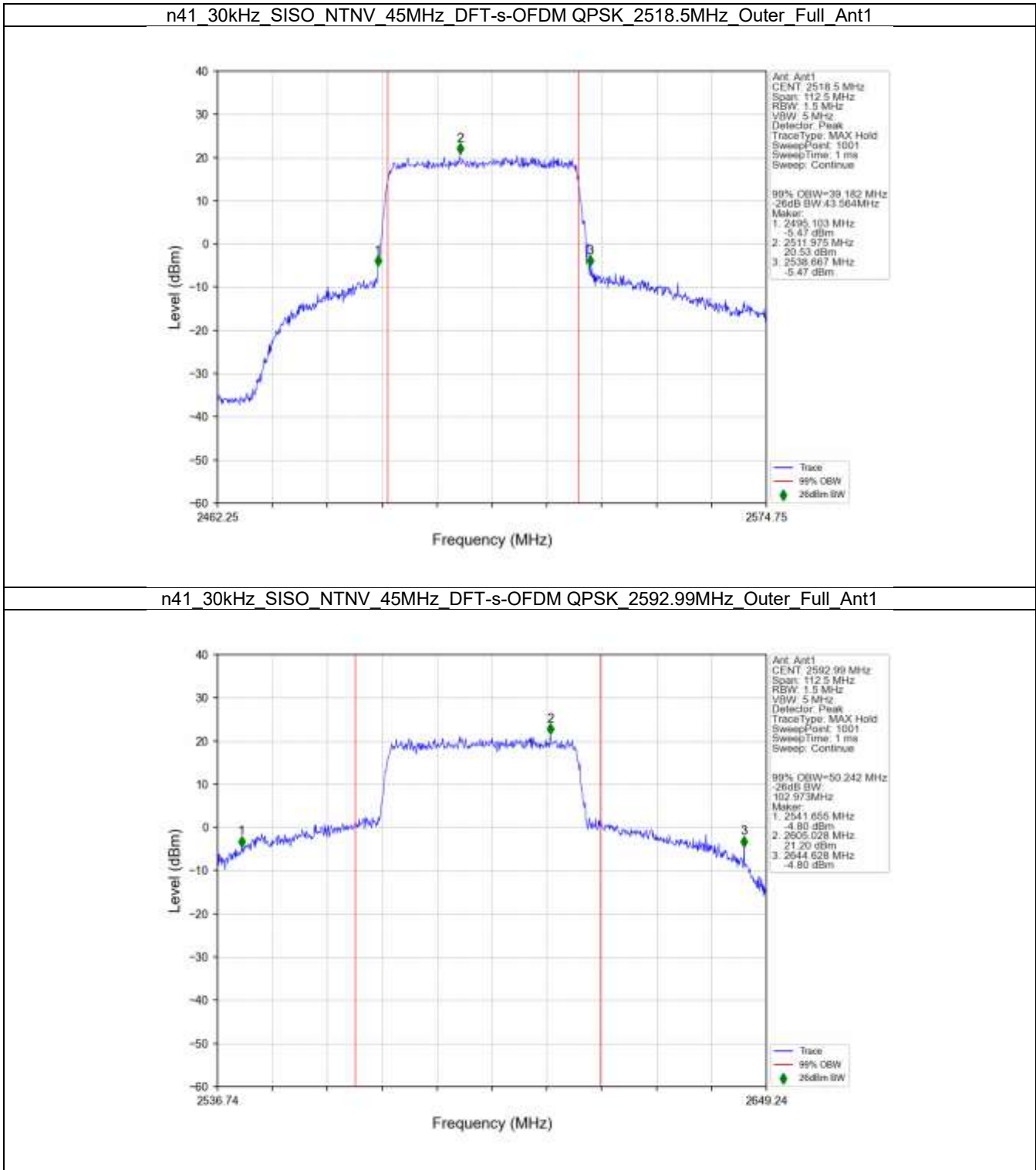
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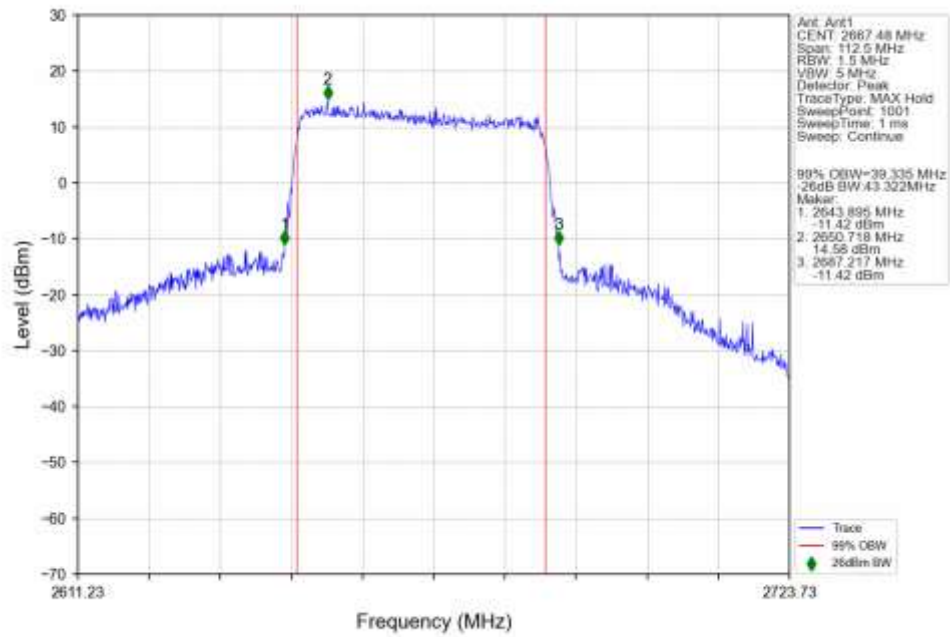
n41 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 2670MHz Outer Full Ant1



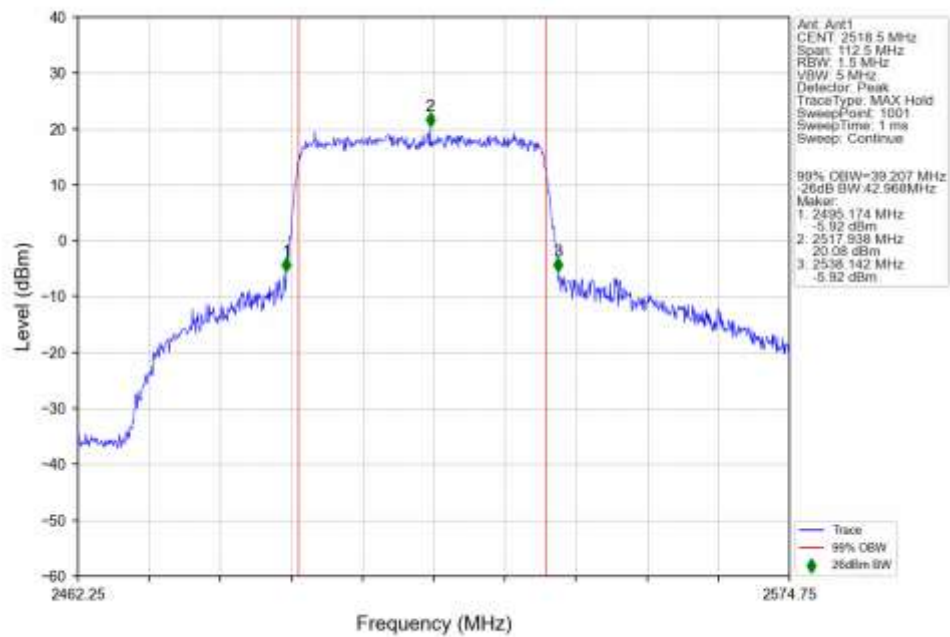
4.2.8 30k_SISO_45MHz_NTNV



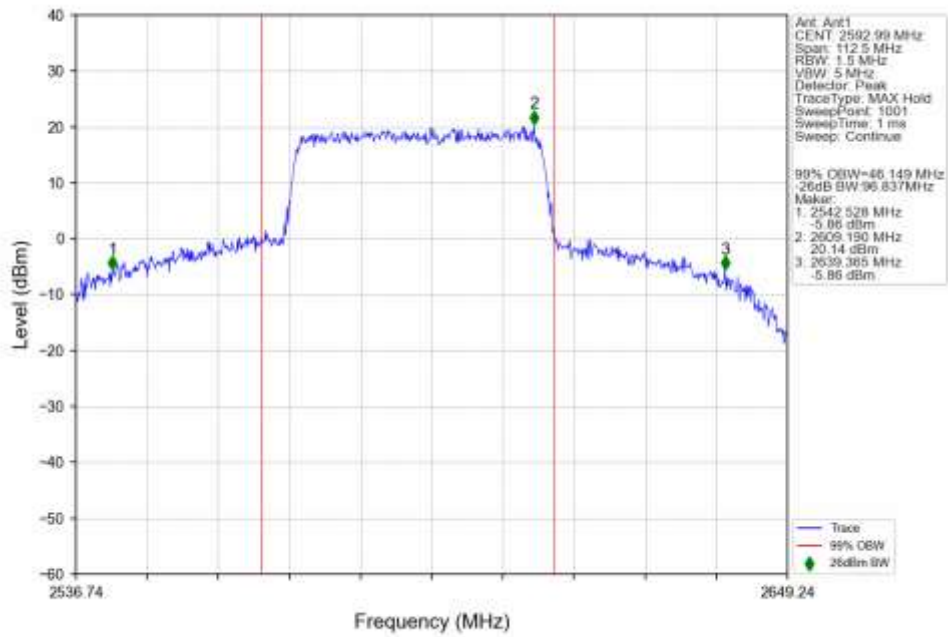
n41 30kHz SISO NTN 45MHz DFT-s-OFDM QPSK 2667.48MHz Outer Full Ant1



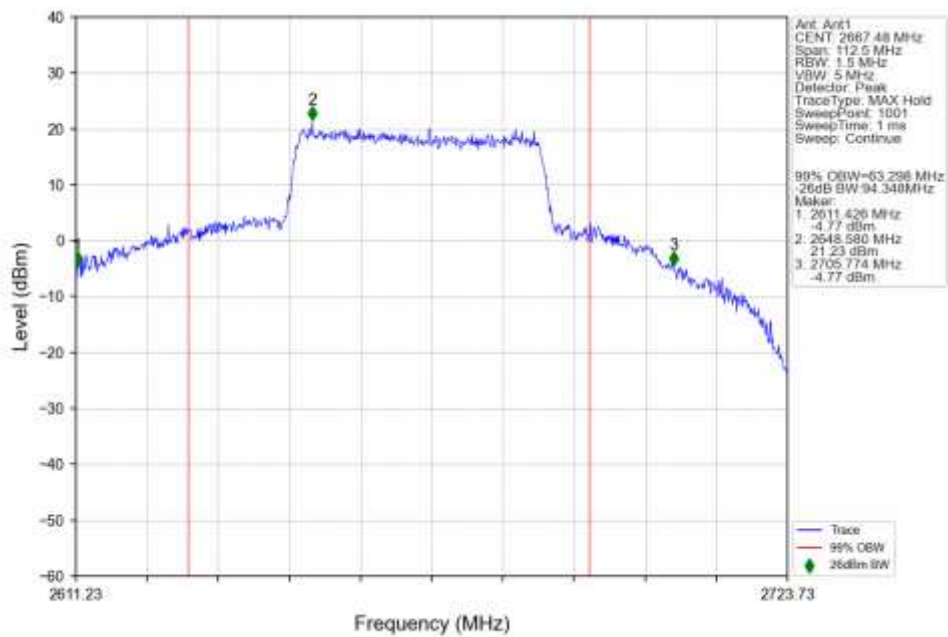
n41 30kHz SISO NTN 45MHz DFT-s-OFDM 16 QAM 2518.5MHz Outer Full Ant1



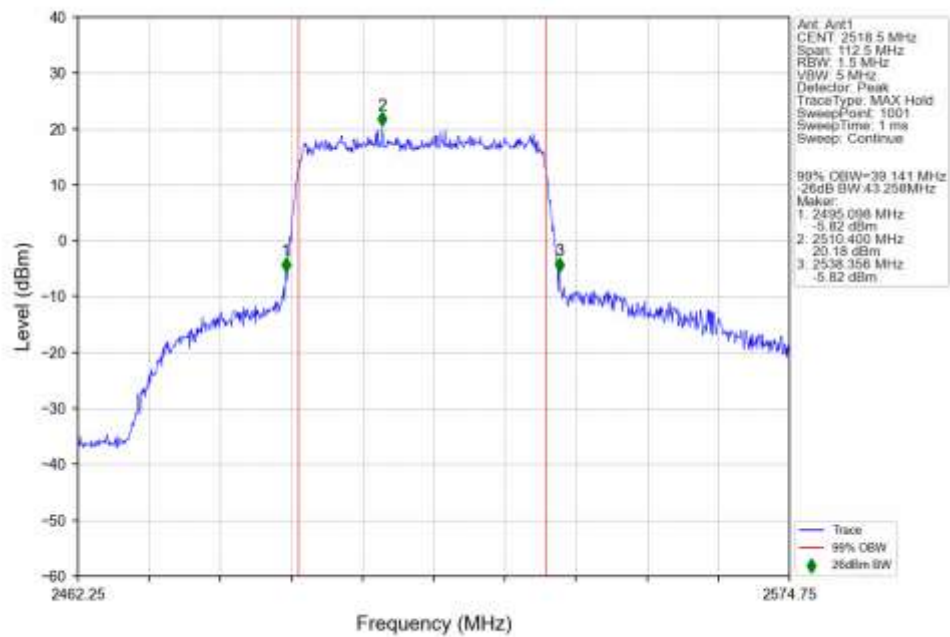
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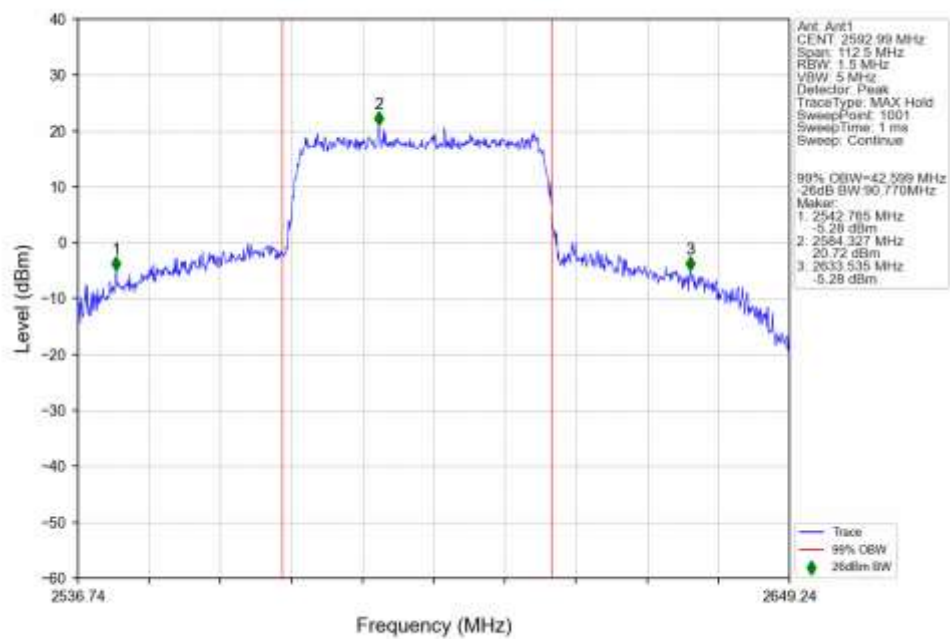
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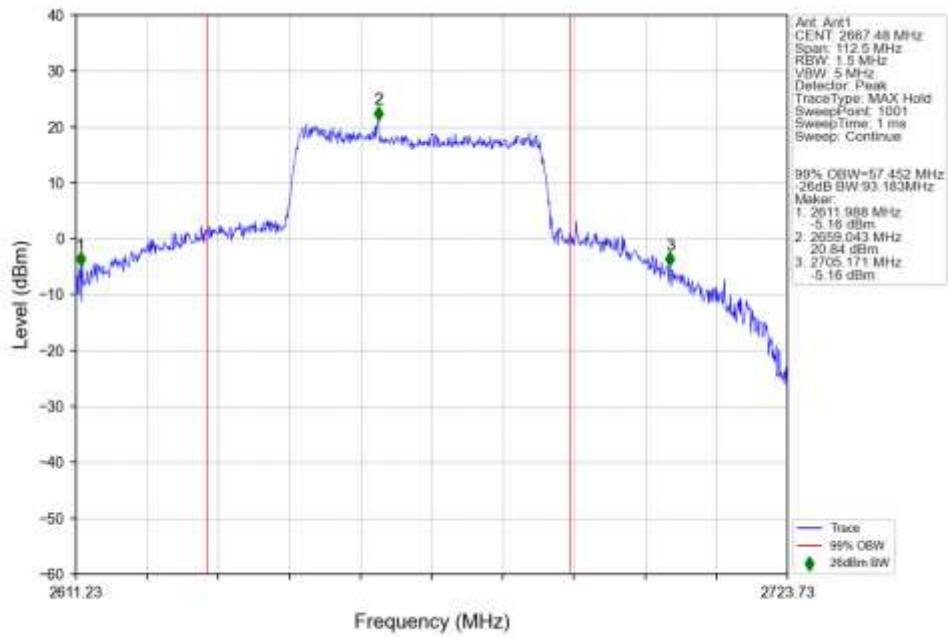
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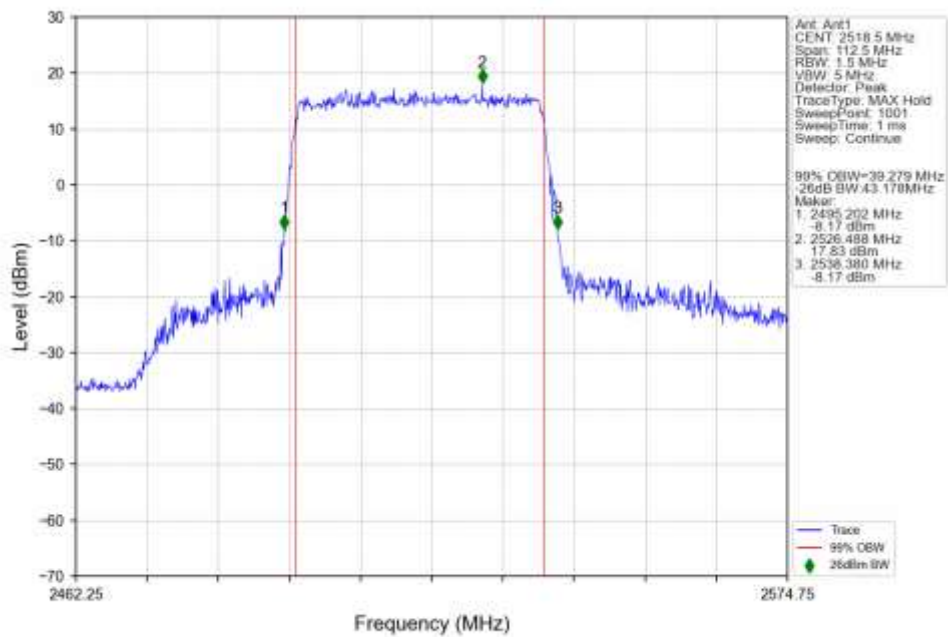
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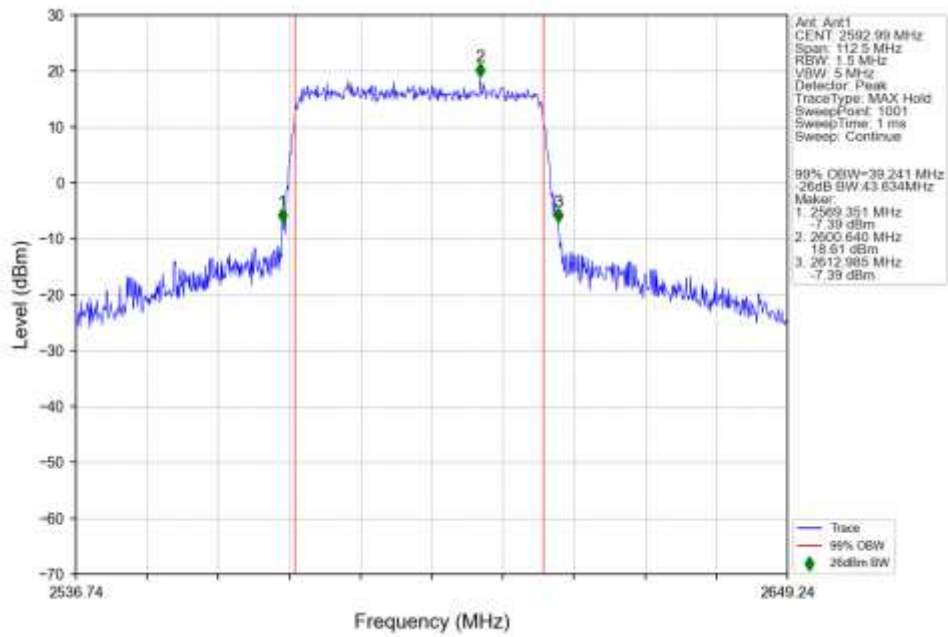
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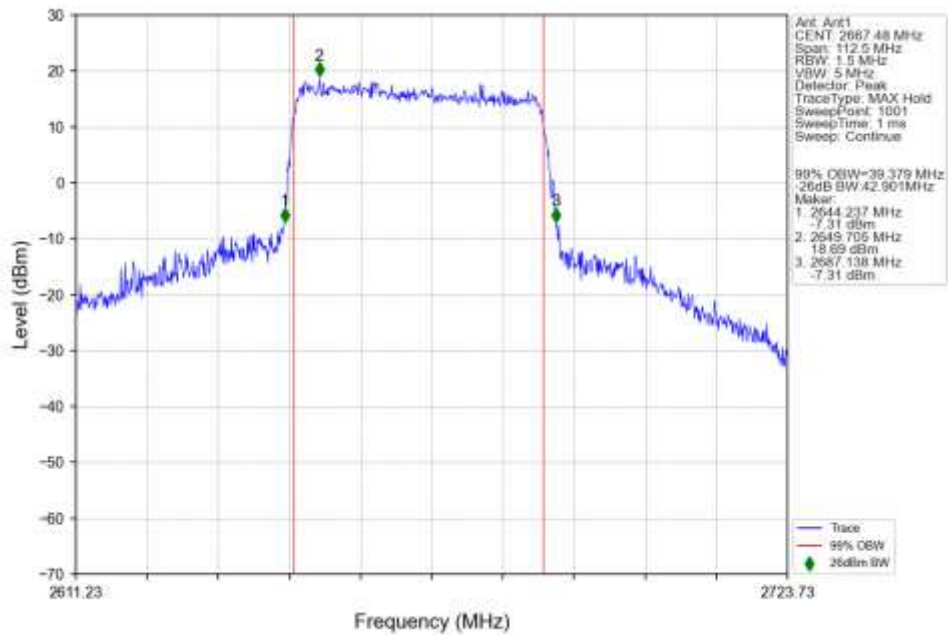
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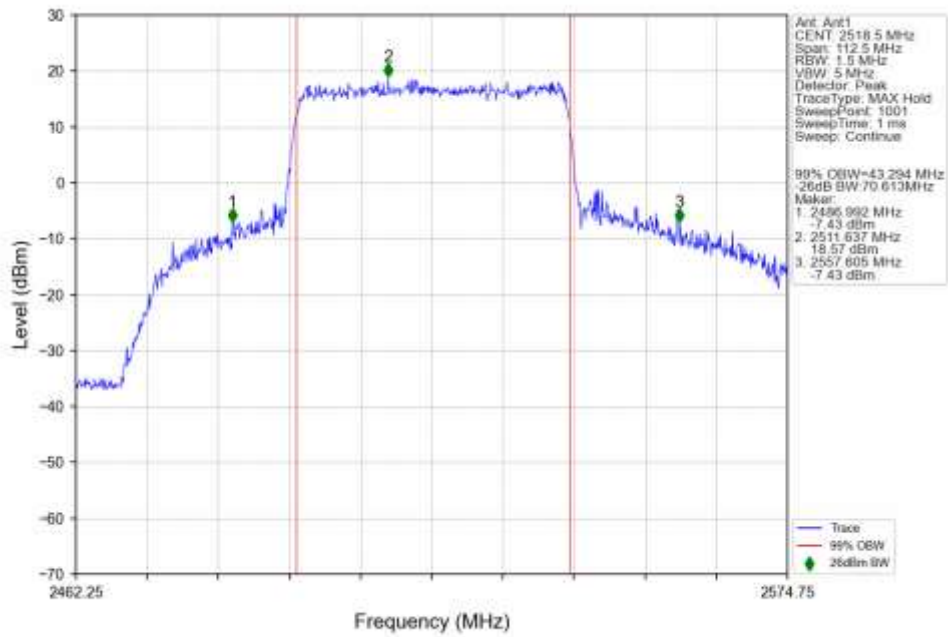
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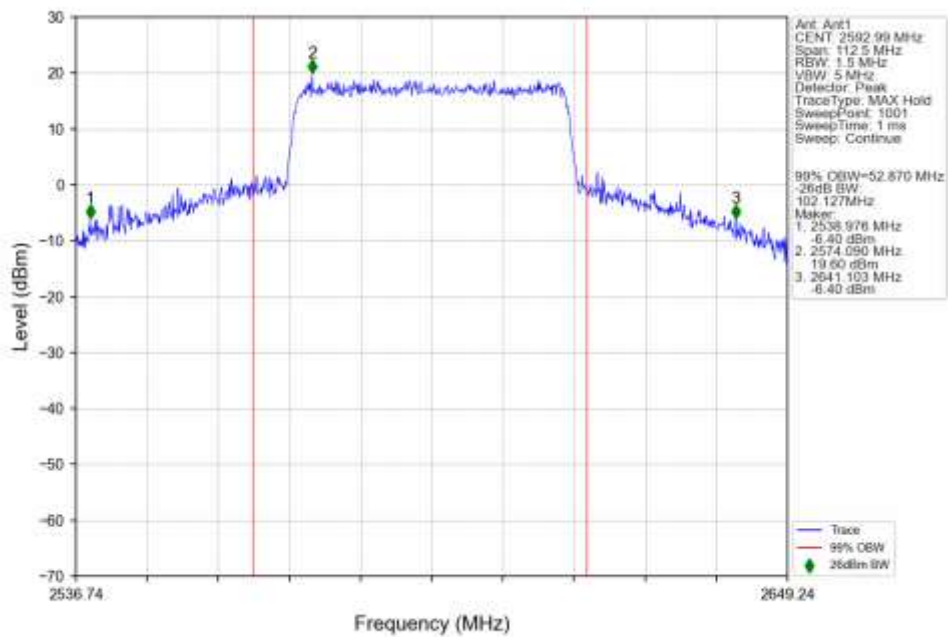
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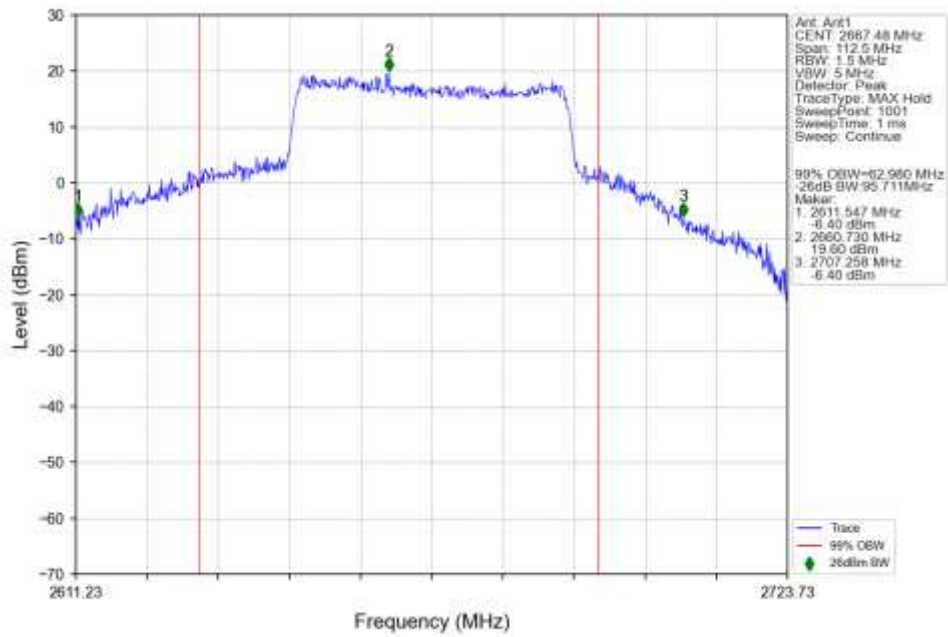
n41_30kHz_SISO_NTNV_45MHz_CP-OFDM_QPSK_2518.5MHz_Outer_Full_Ant1



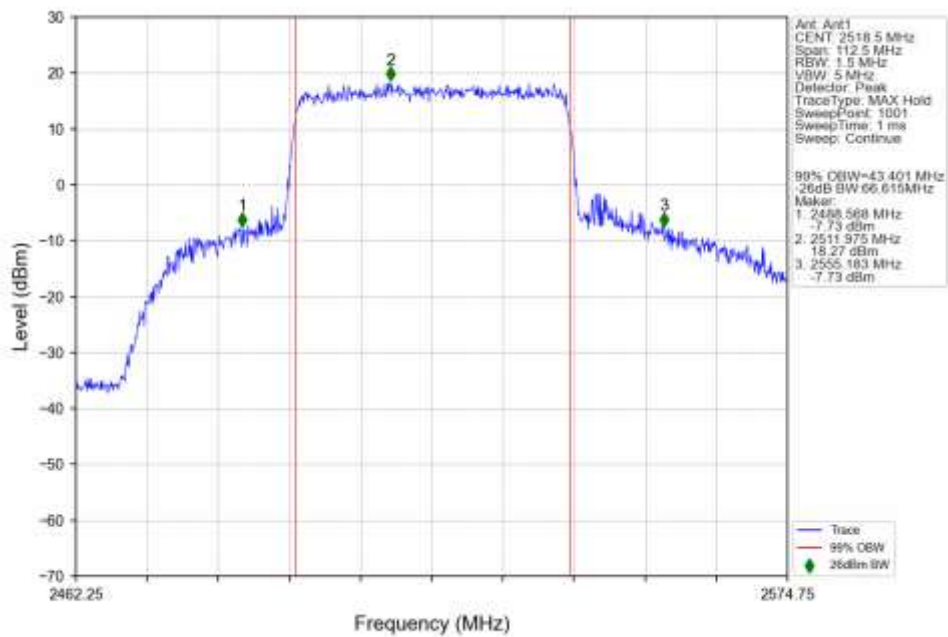
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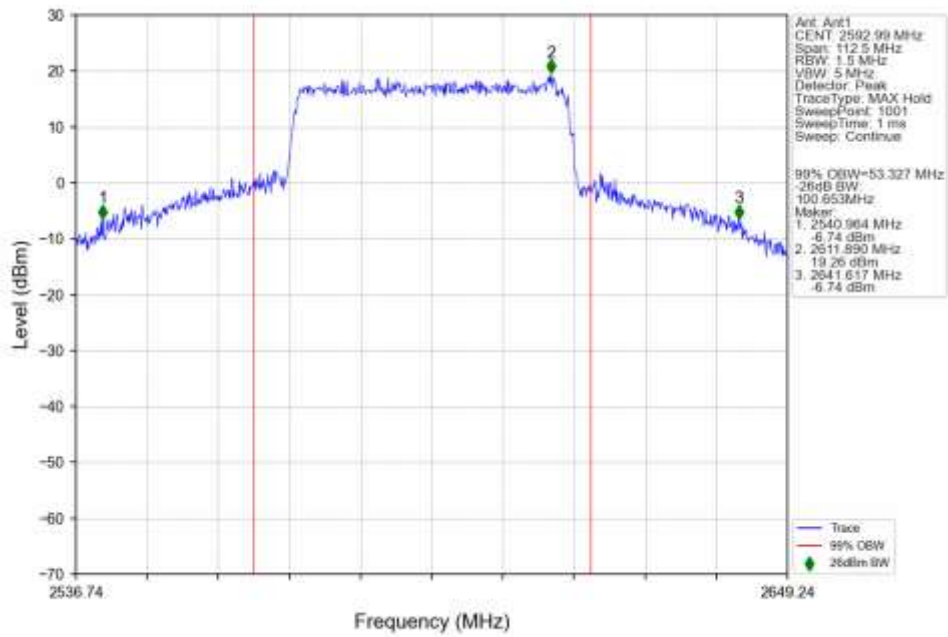
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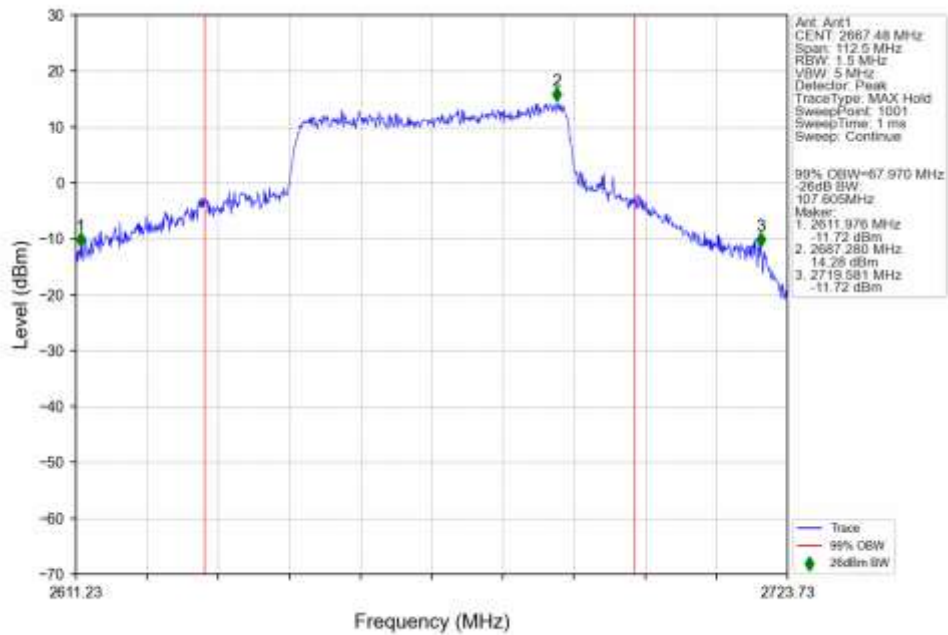
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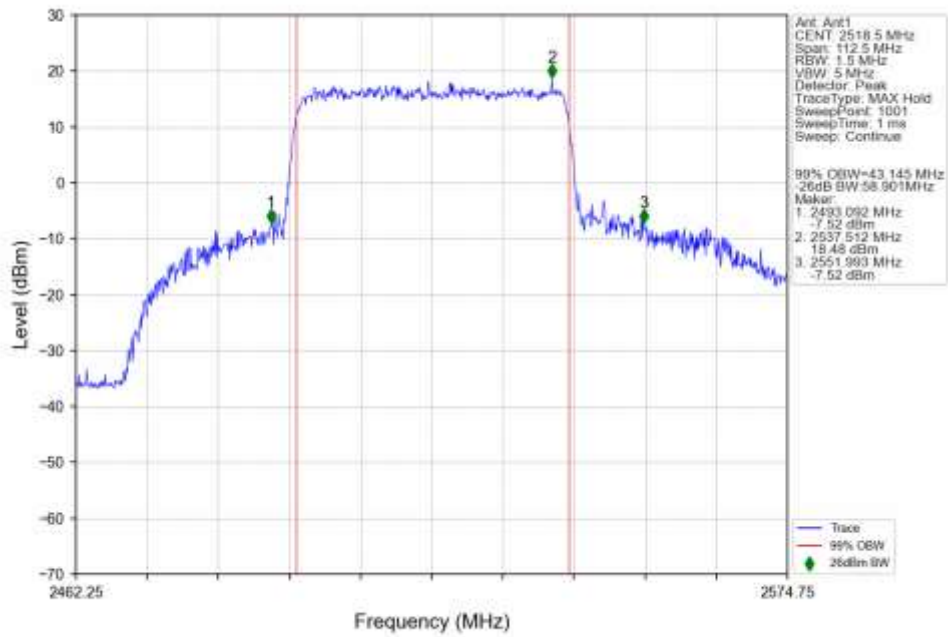
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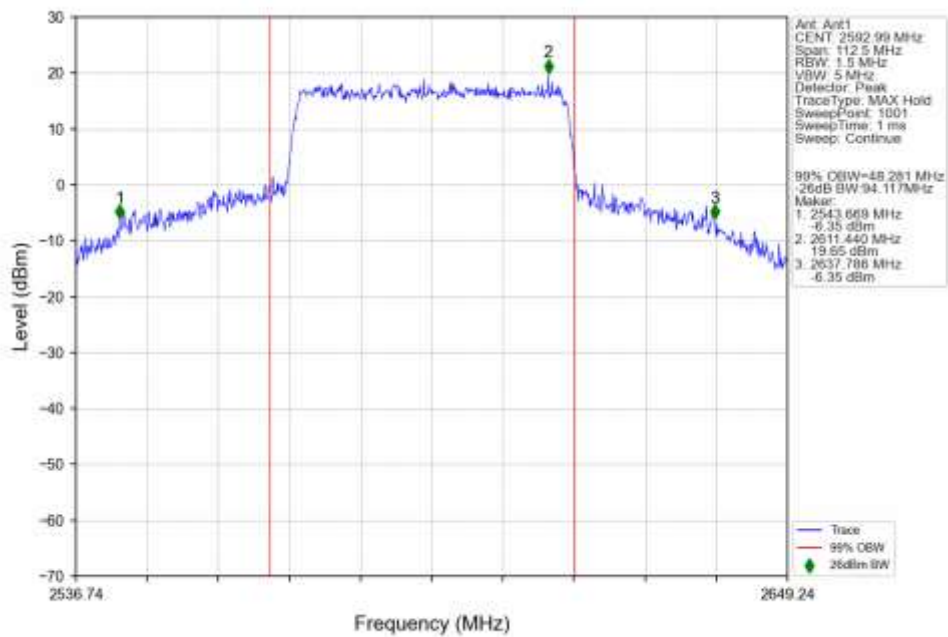
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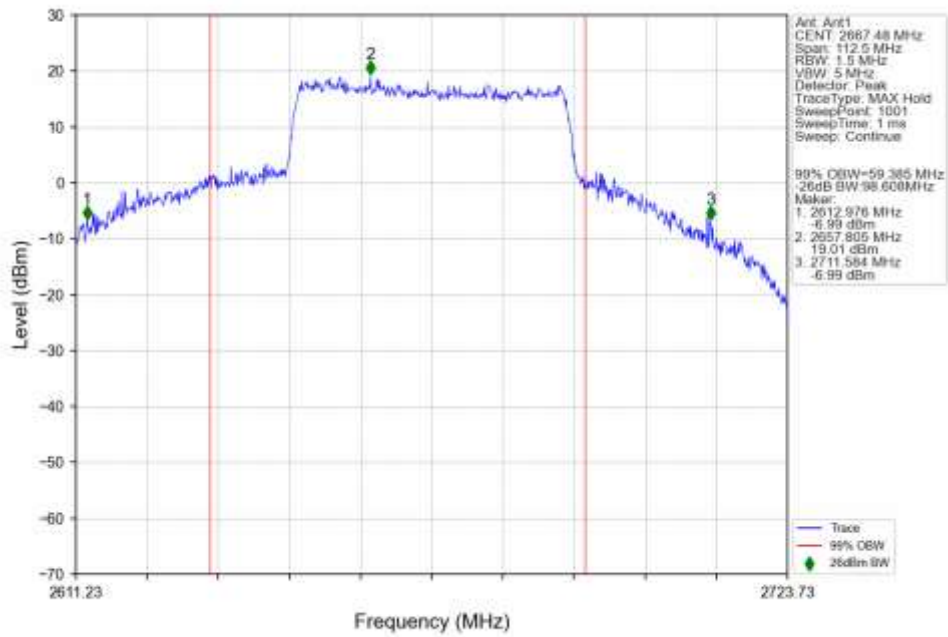
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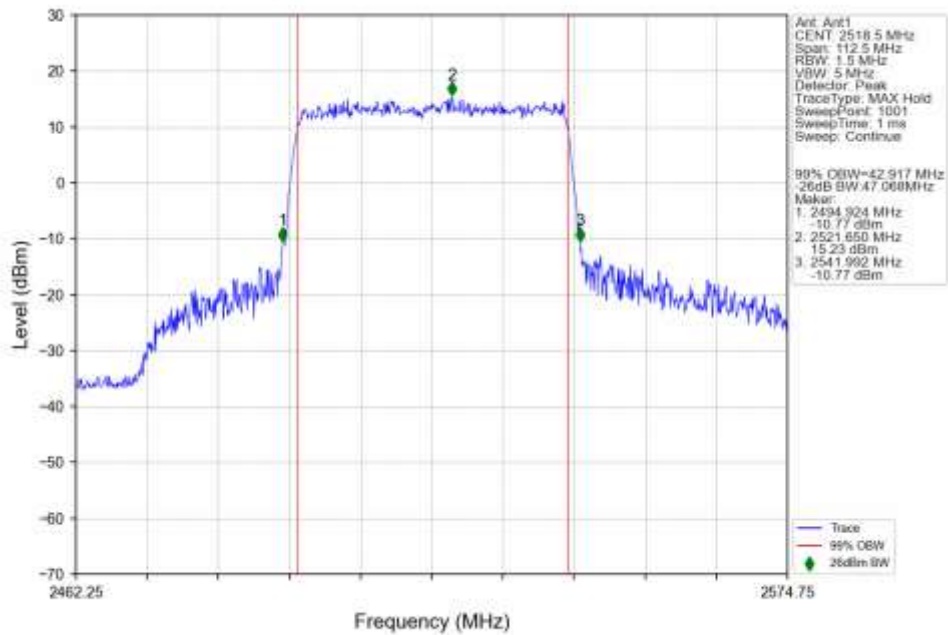
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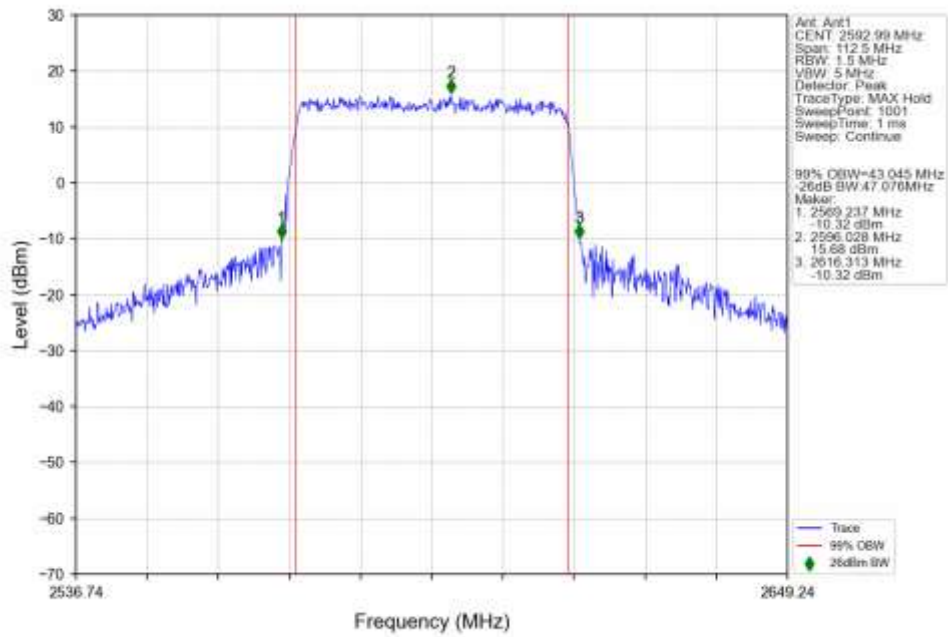
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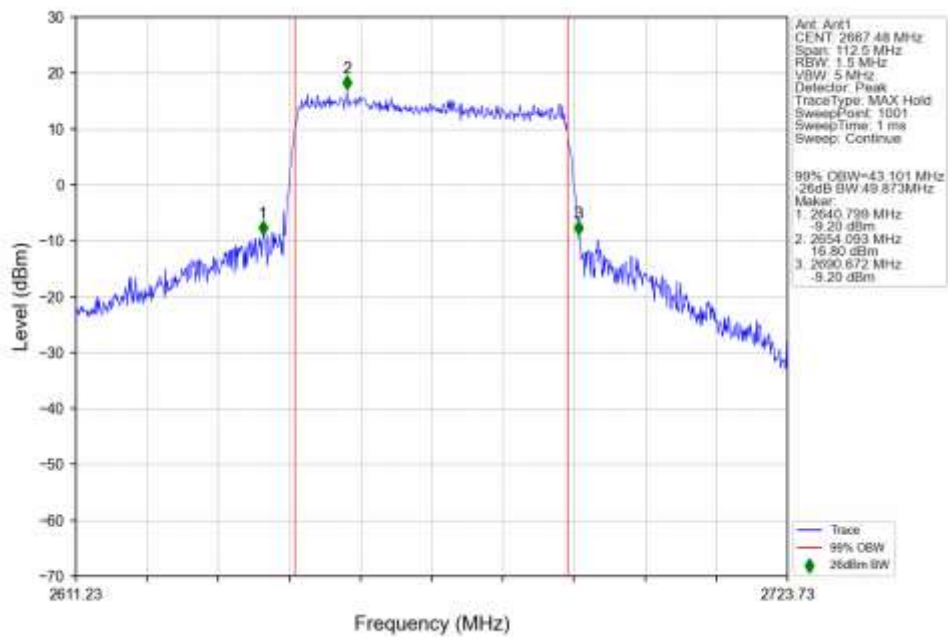
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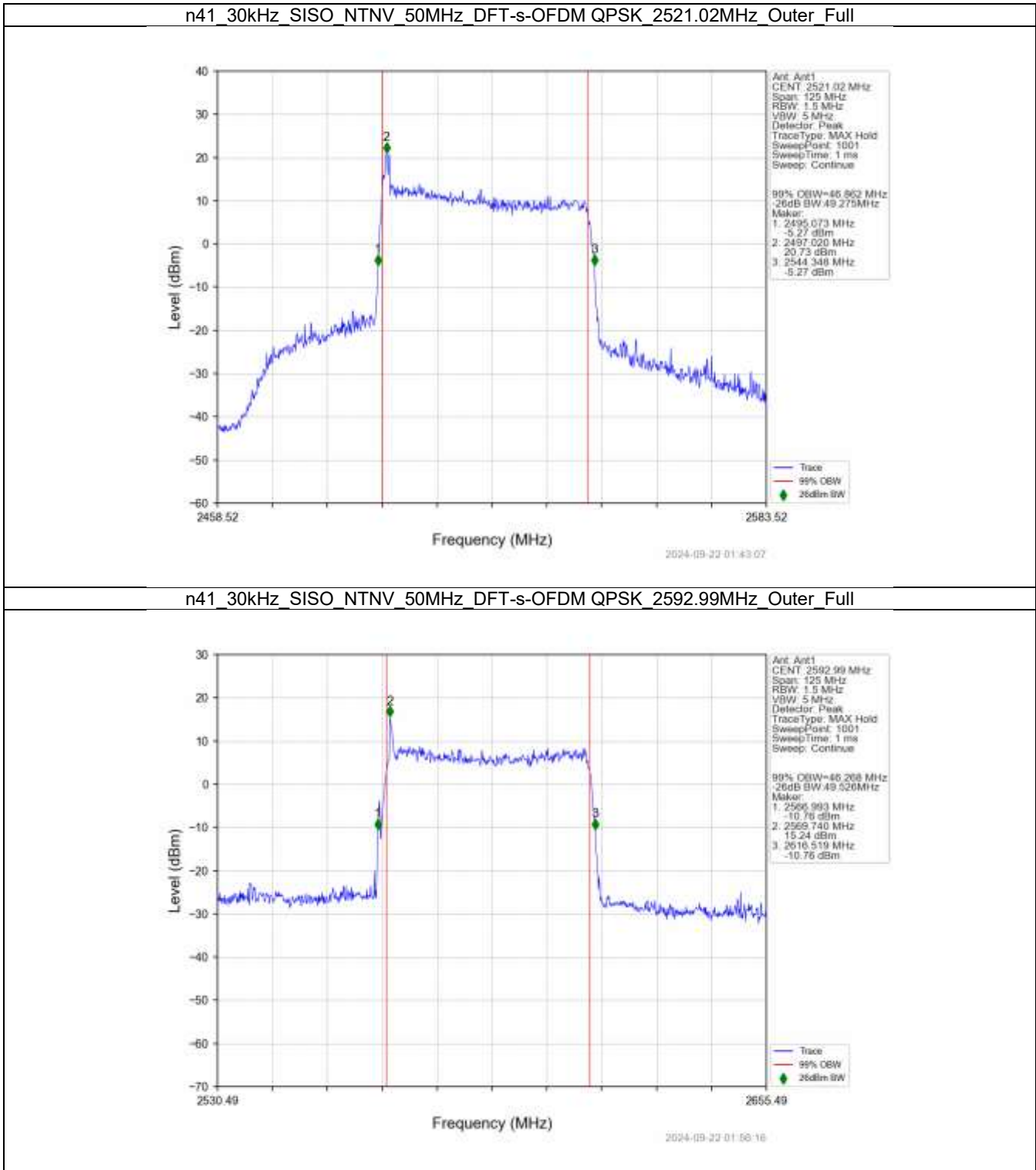
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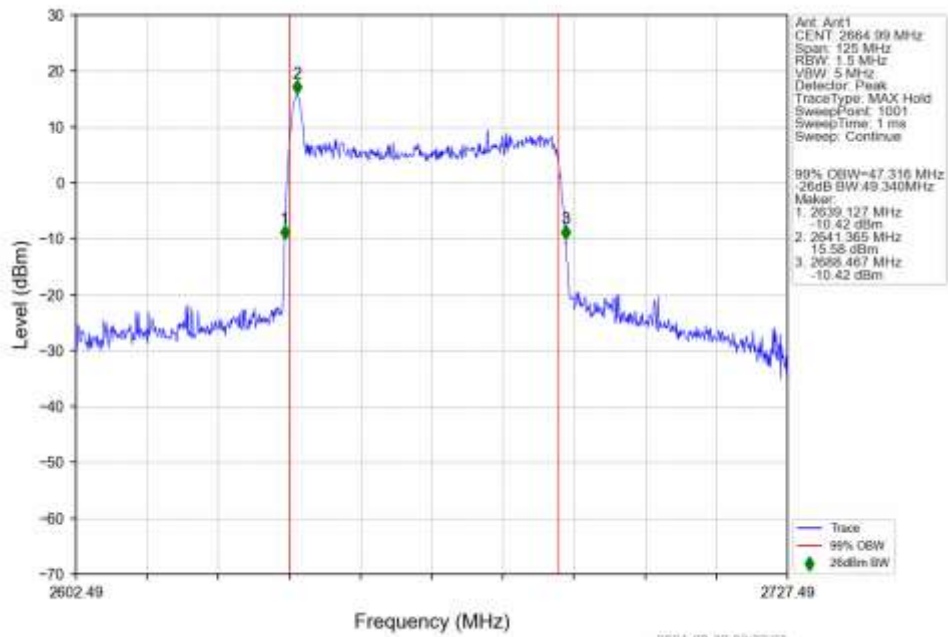
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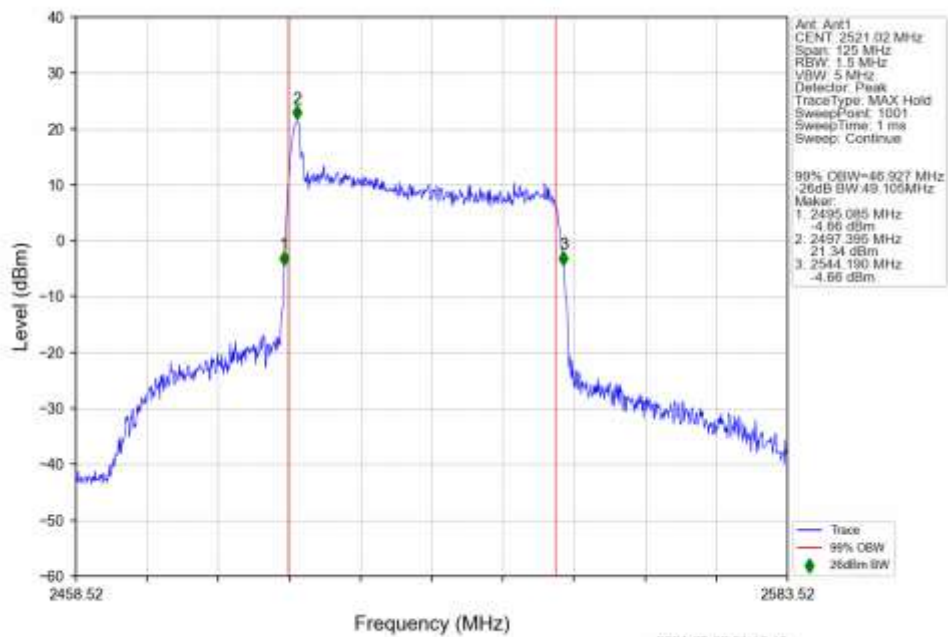
4.2.10 30k_SISO_50MHz_NTNV



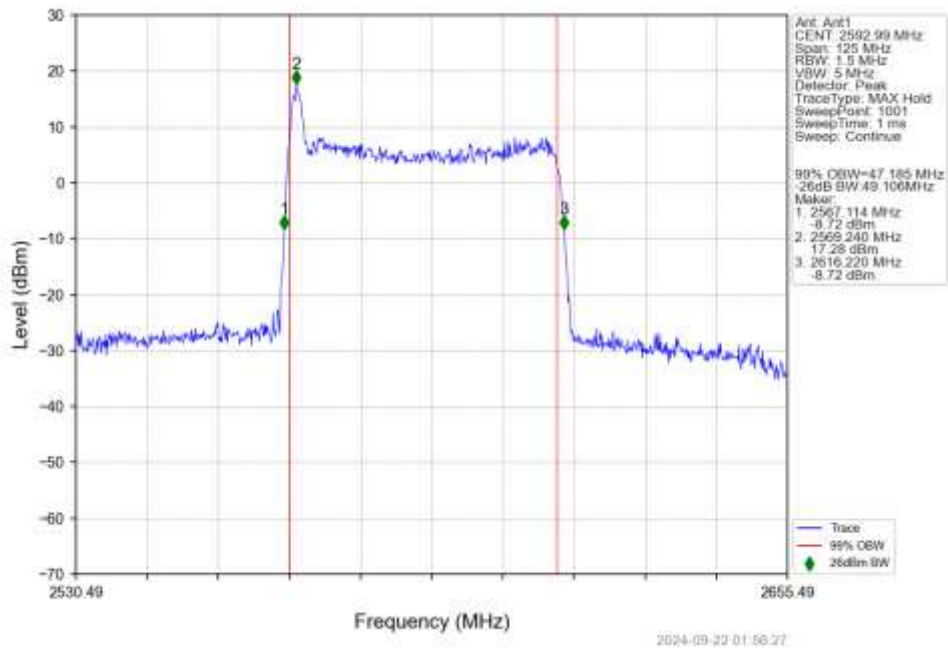
n41 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 2664.99MHz Outer Full



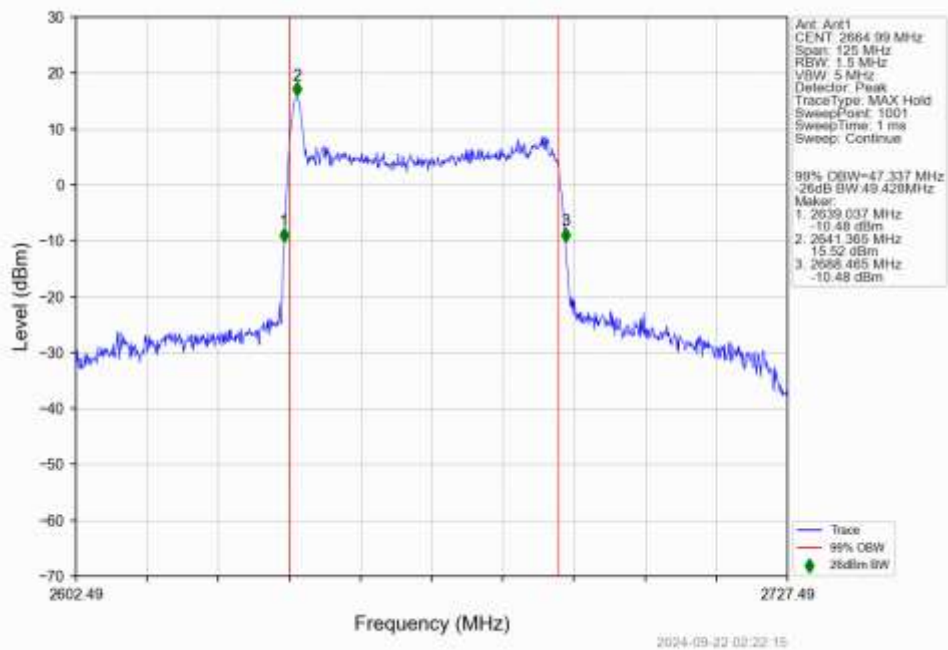
n41 30kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 2521.02MHz Outer Full



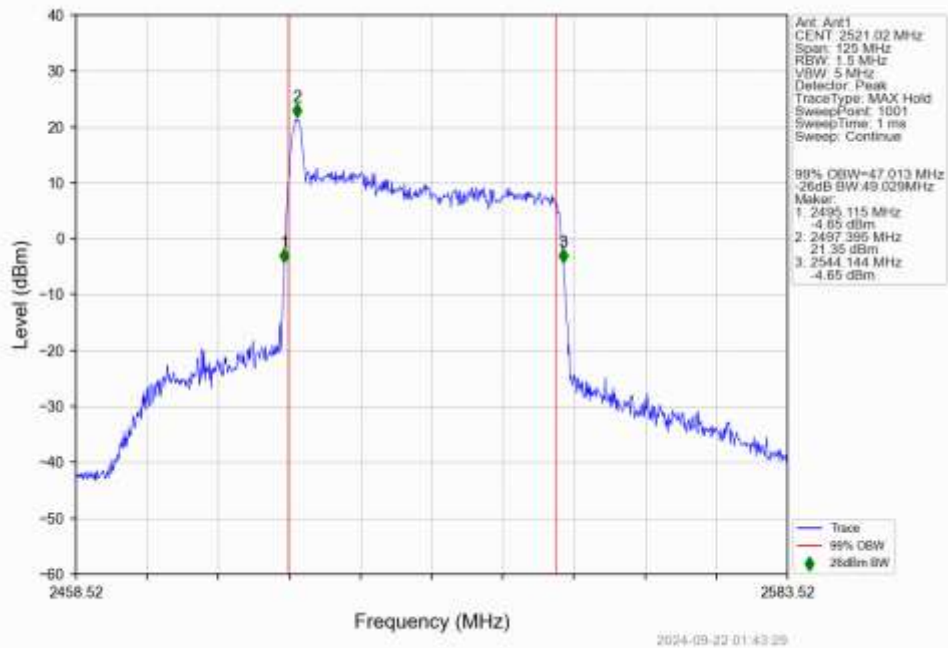
n41 30kHz SISO NTV 50MHz DFT-s-OFDM 16 QAM 2592.99MHz Outer Full



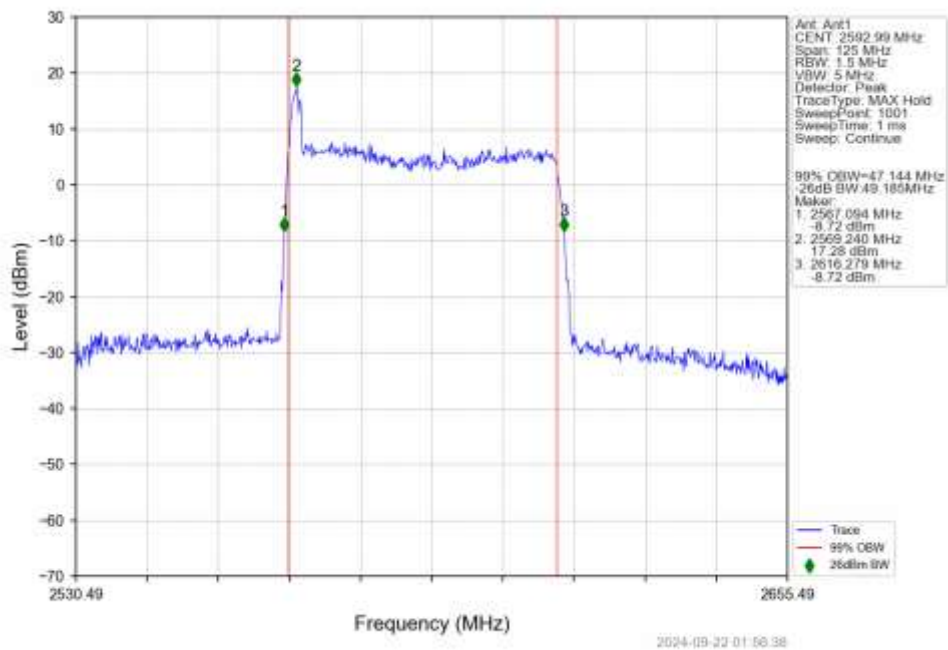
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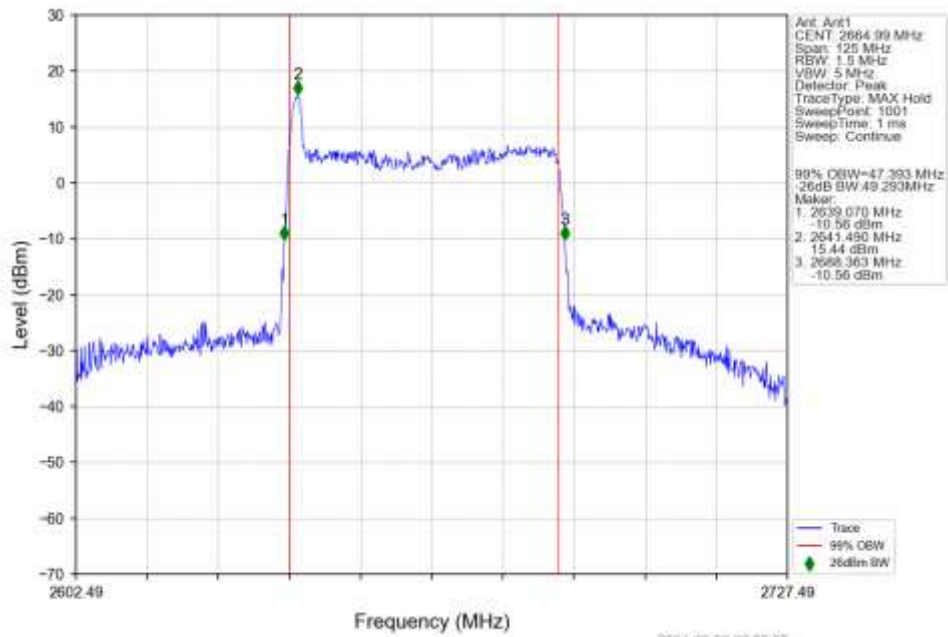
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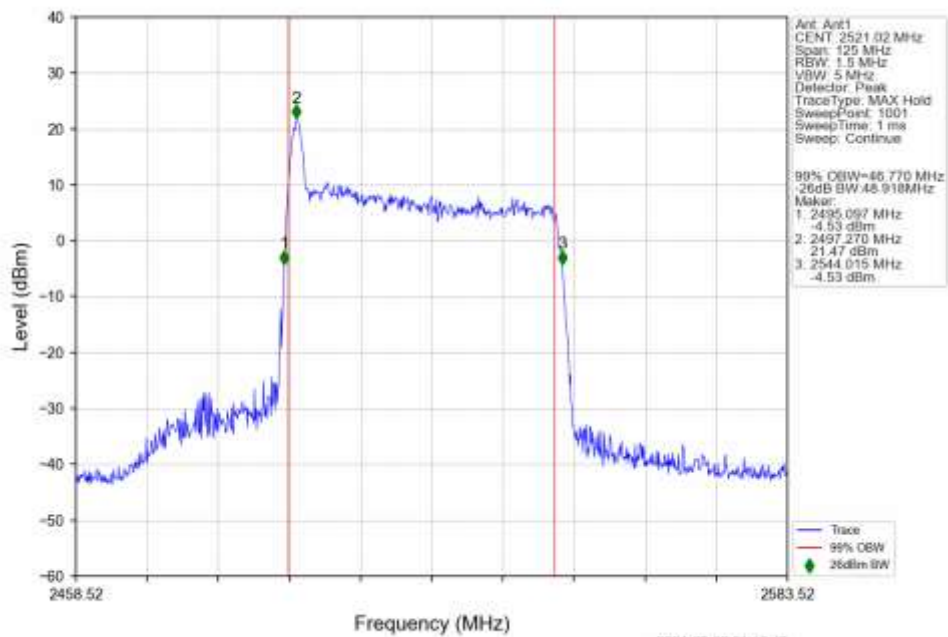
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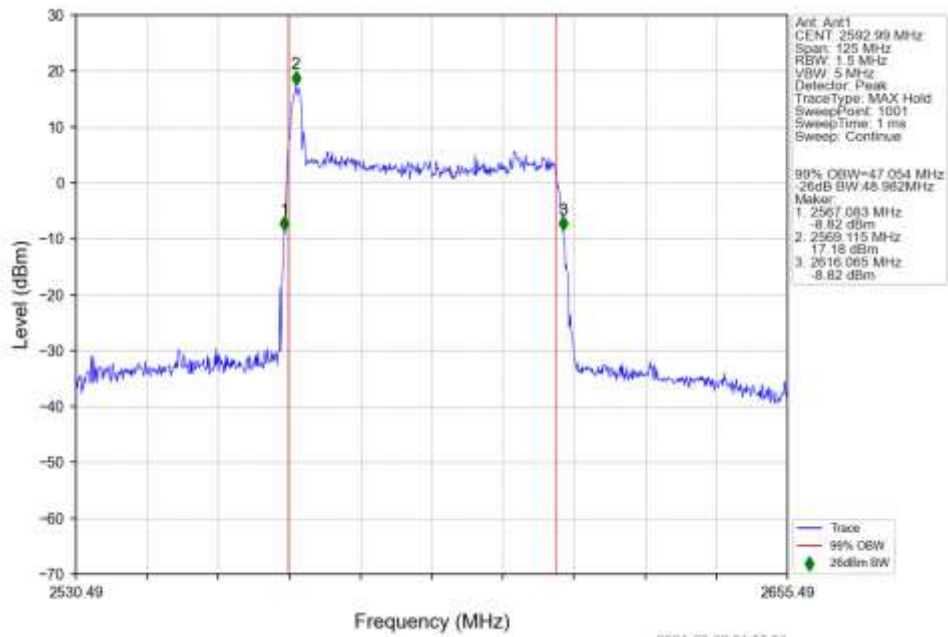
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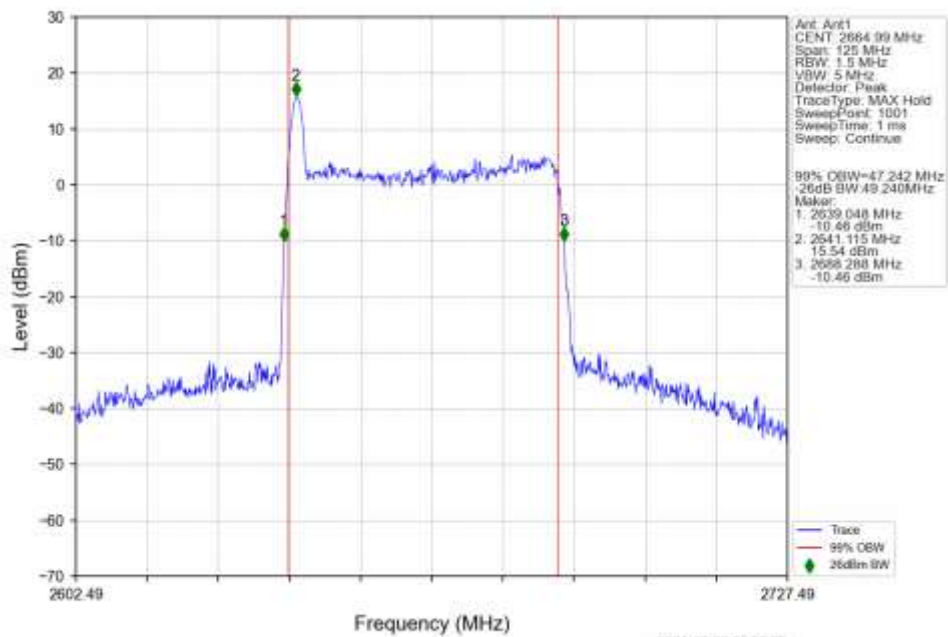
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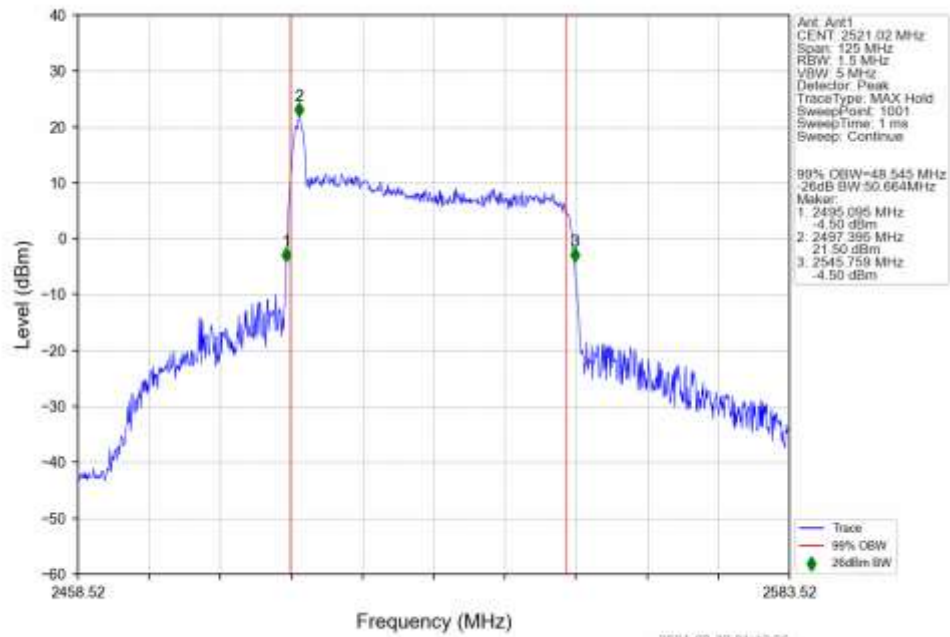
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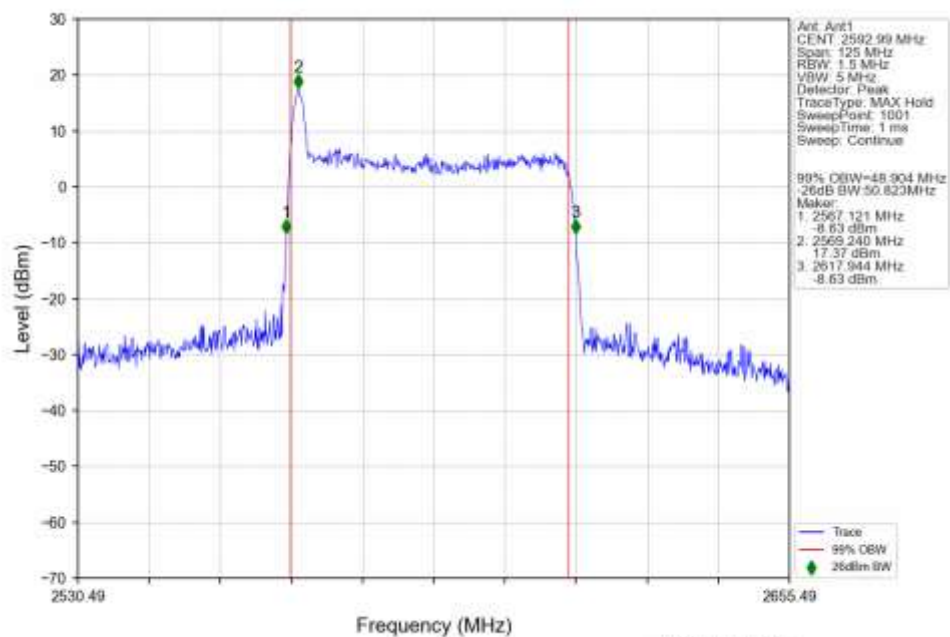
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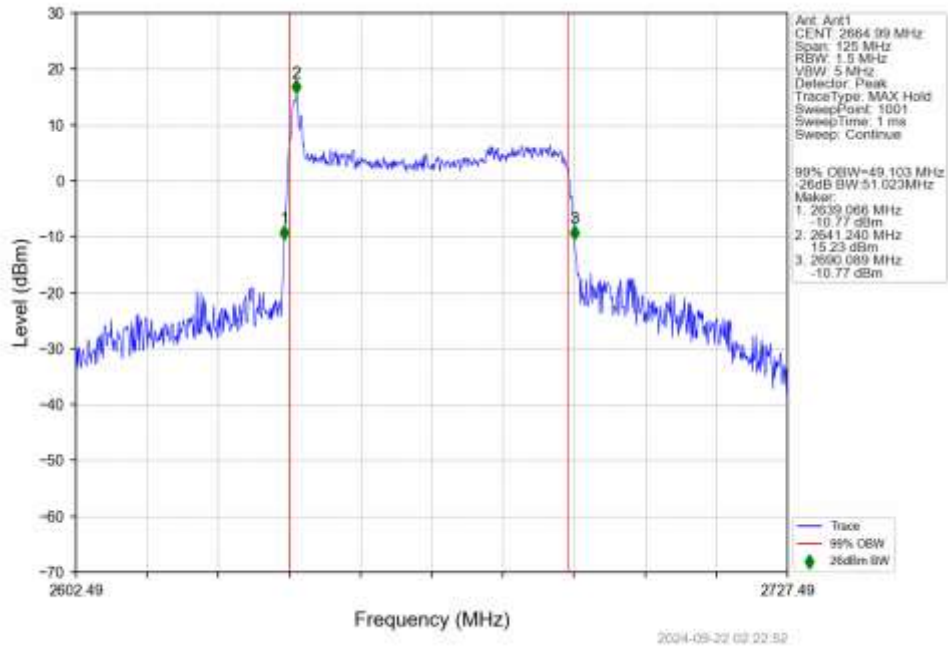
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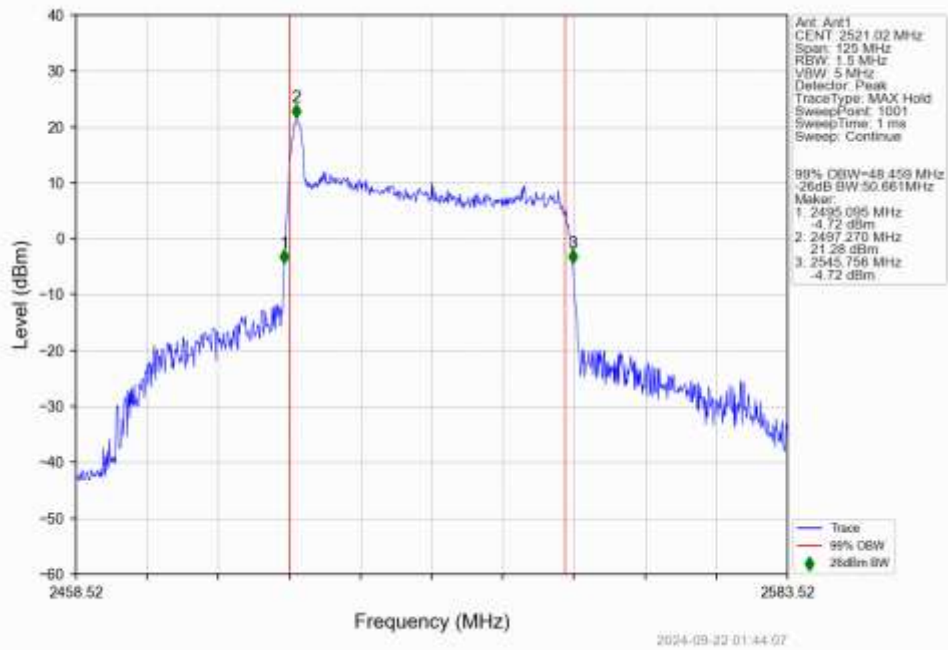
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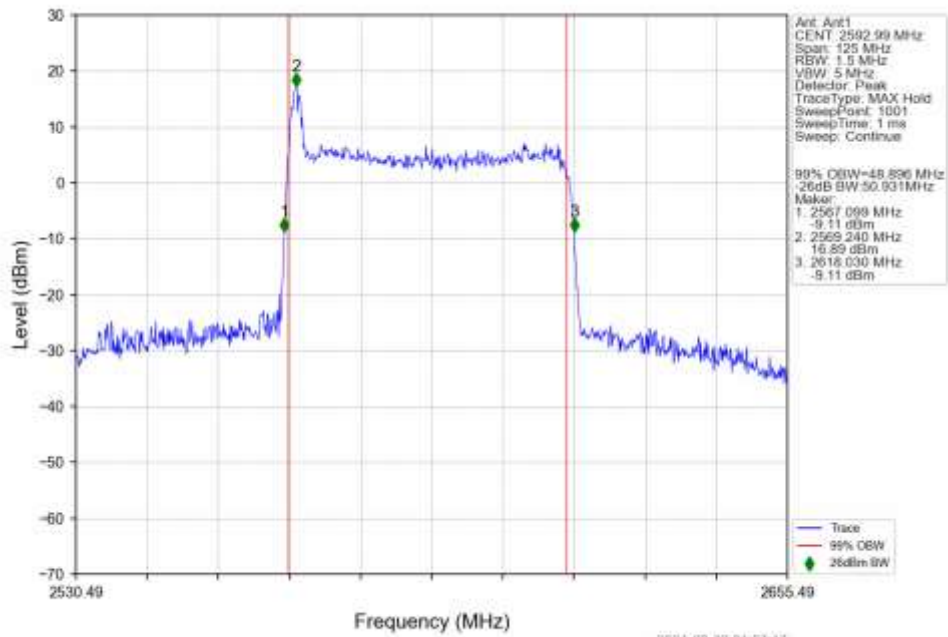
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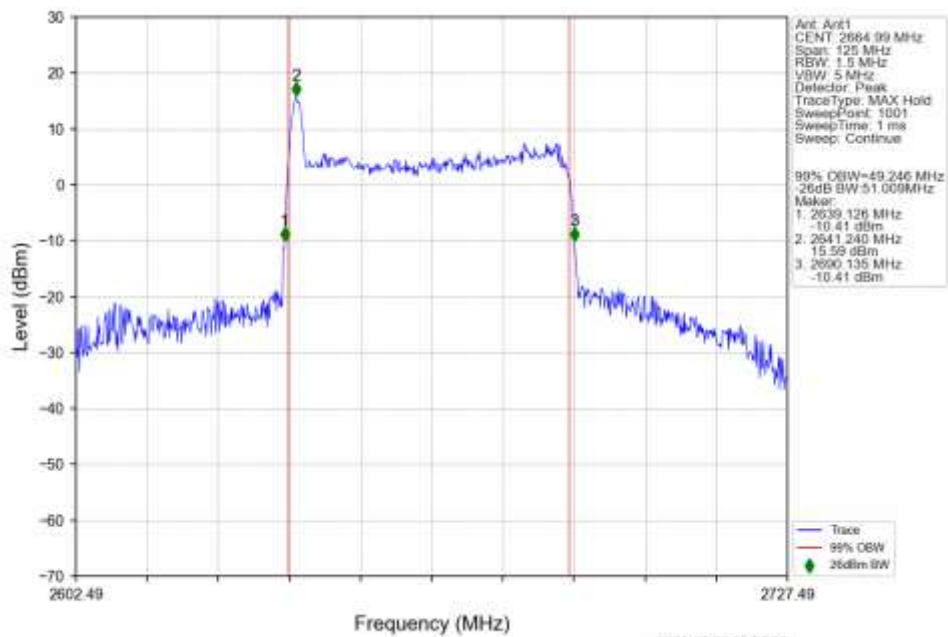
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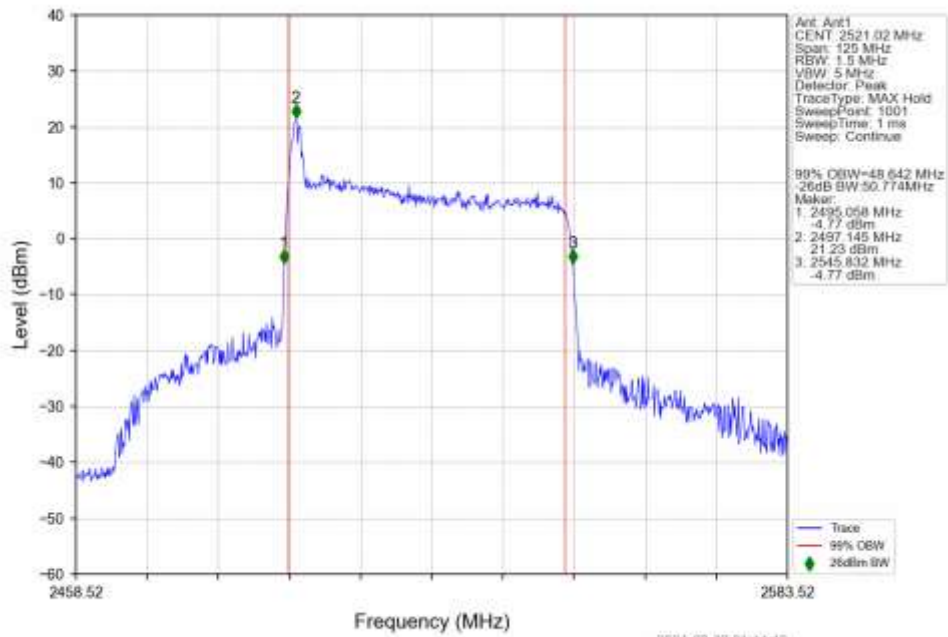
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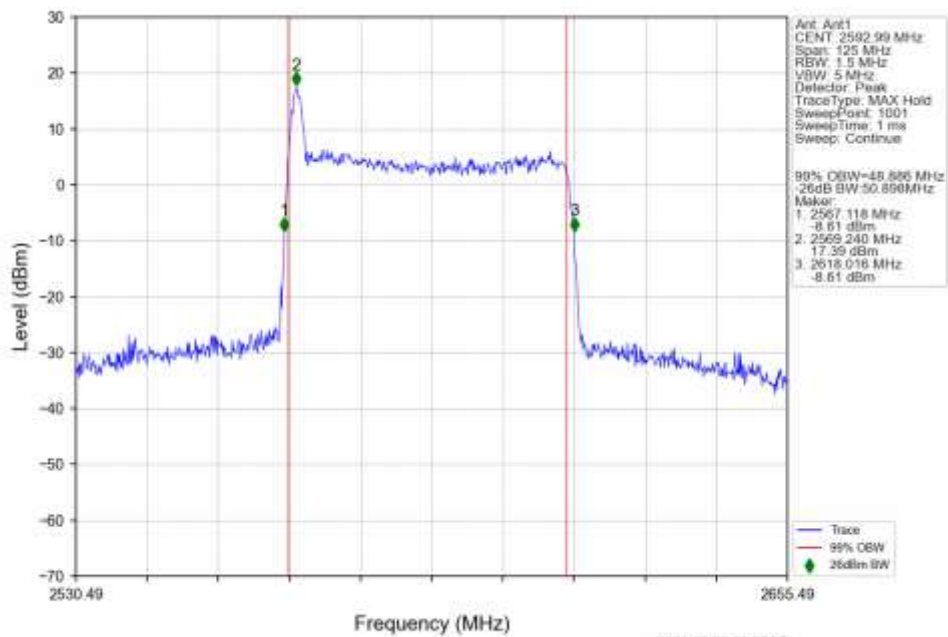
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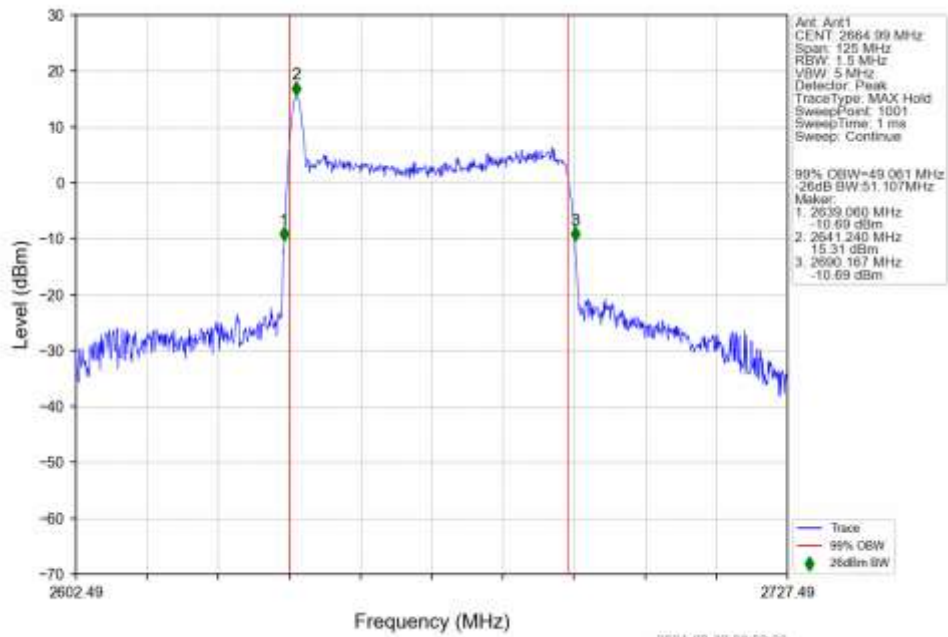
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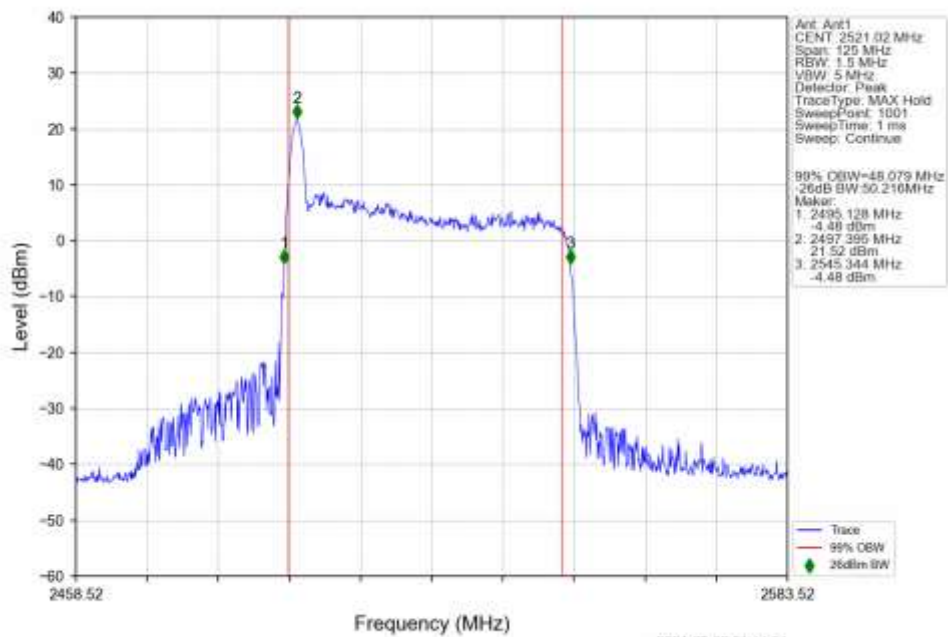
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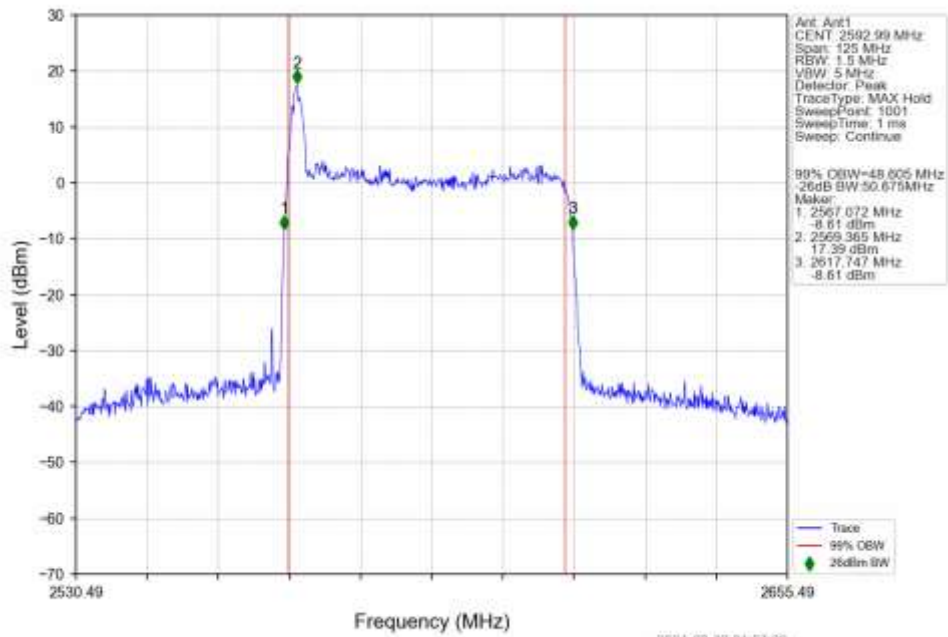
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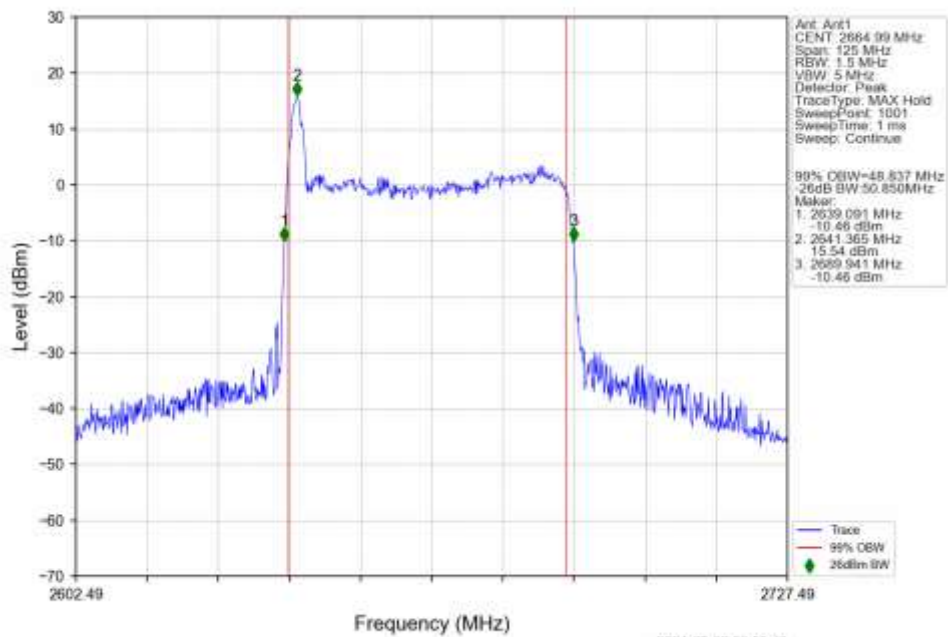
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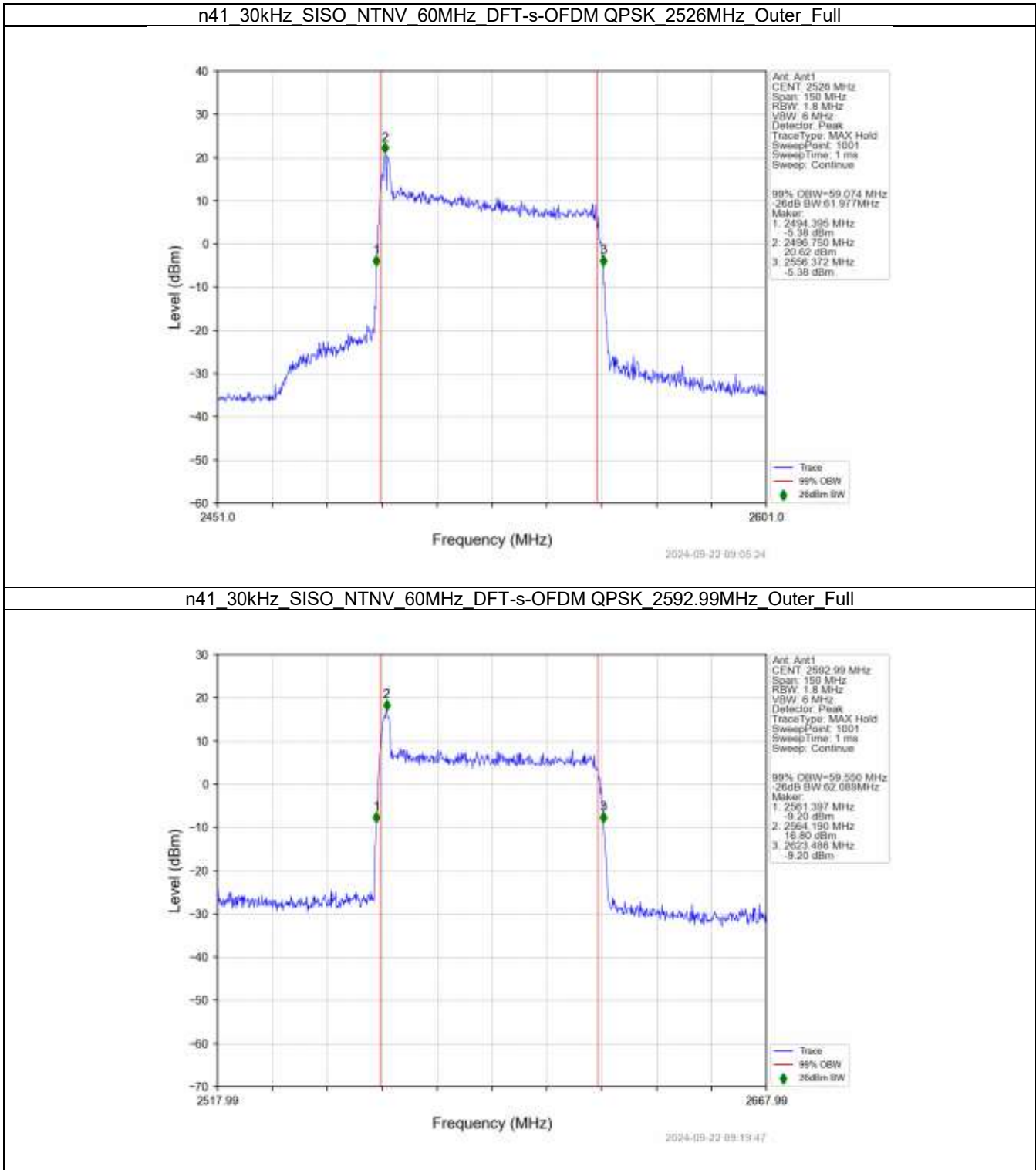
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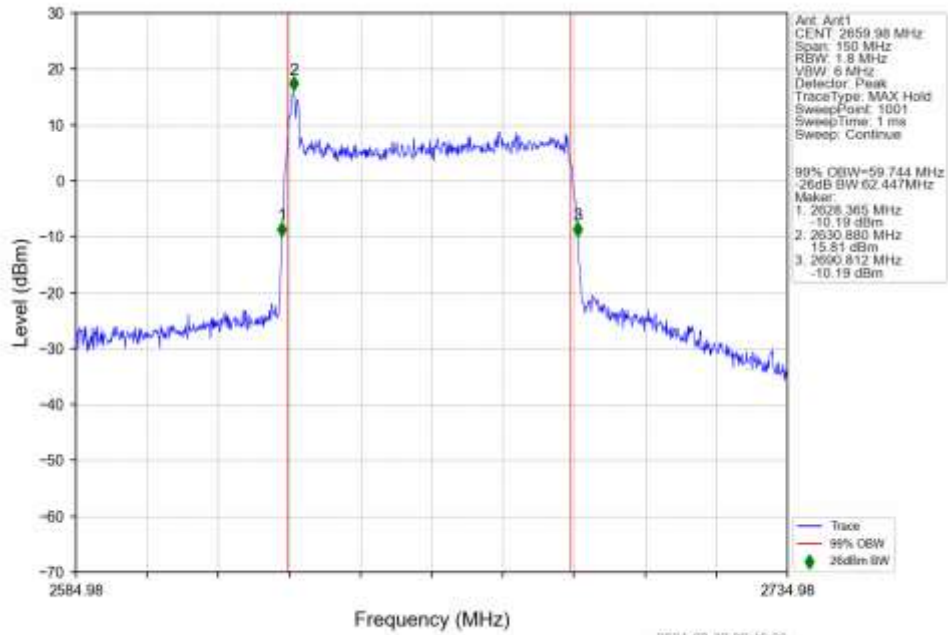
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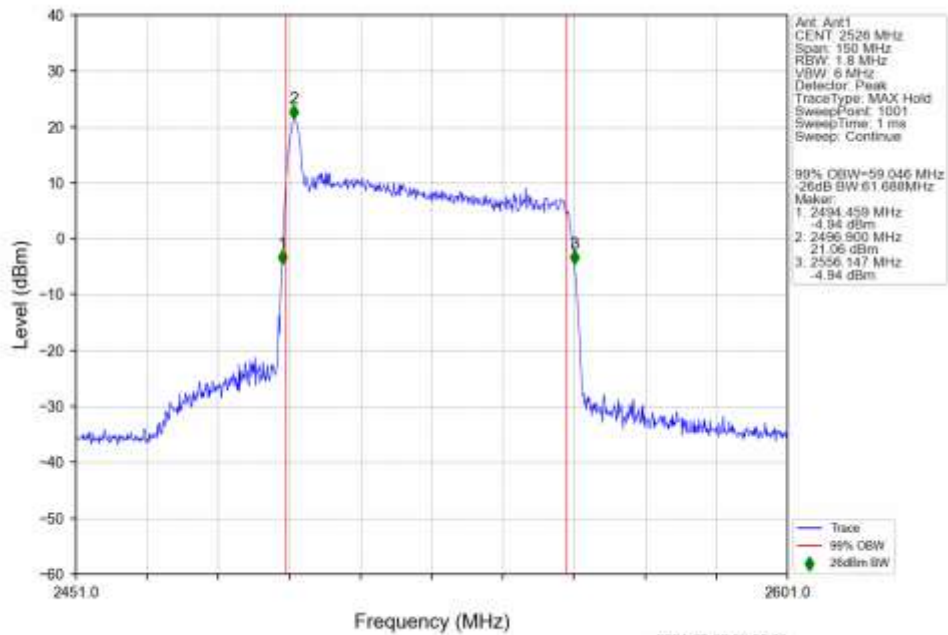
4.2.11 30k_SISO_60MHz_NTNV



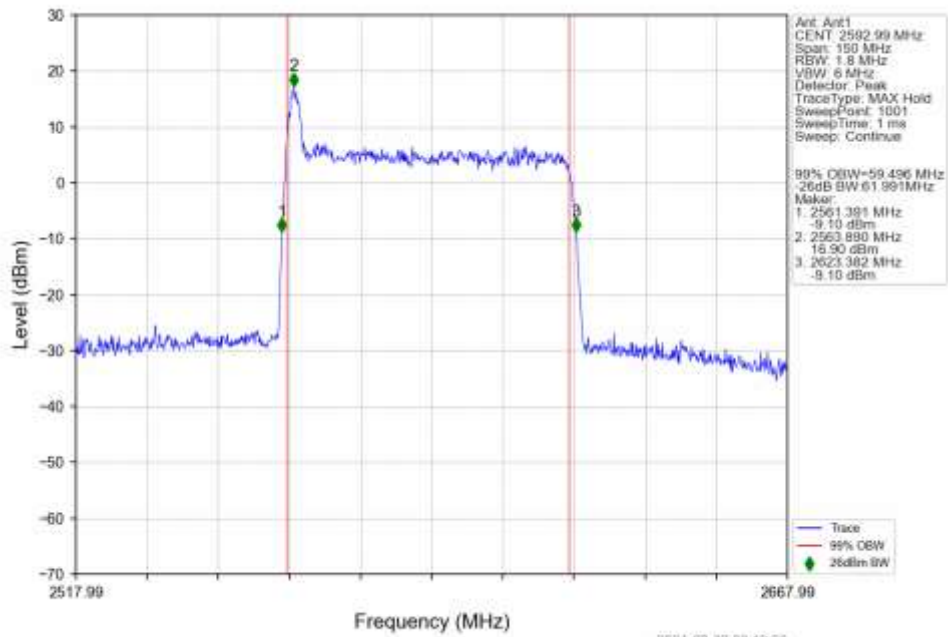
n41 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 2659.98MHz Outer Full



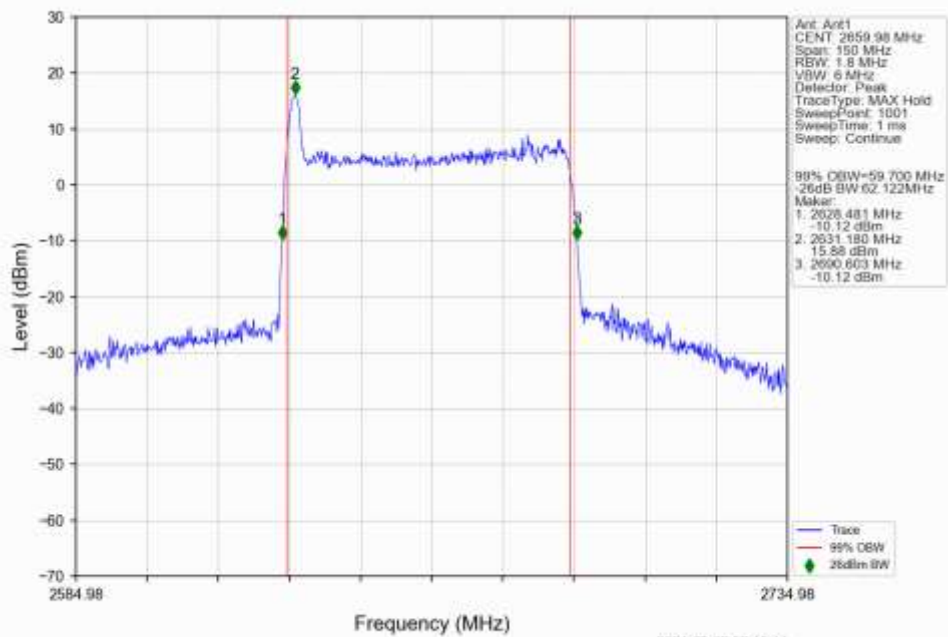
n41 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 2526MHz Outer Full



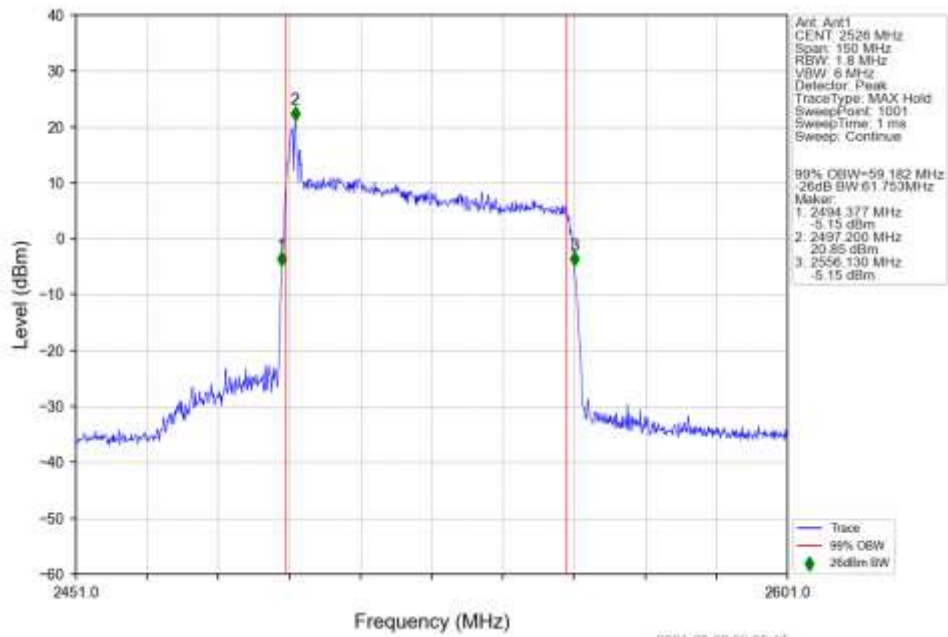
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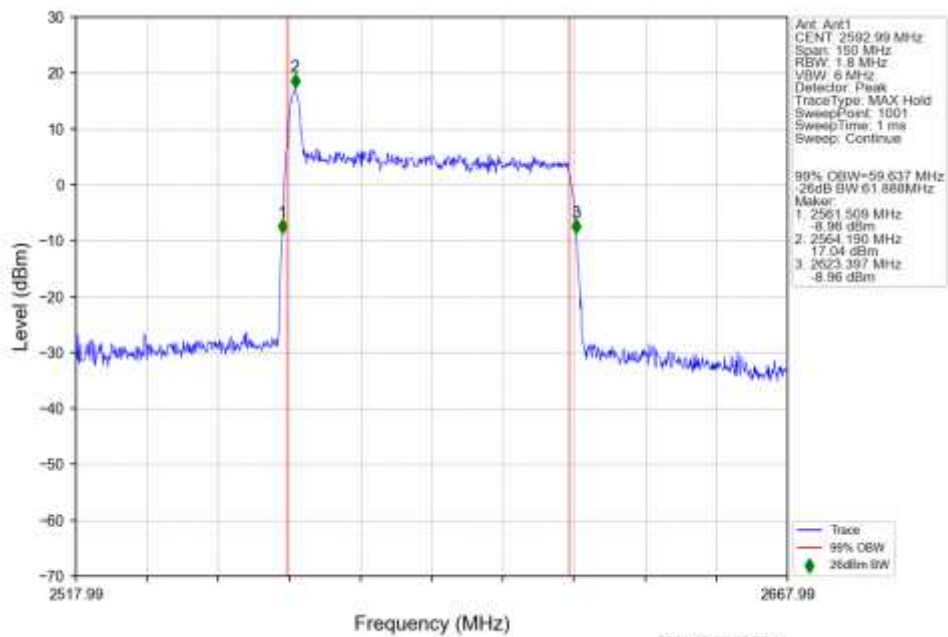
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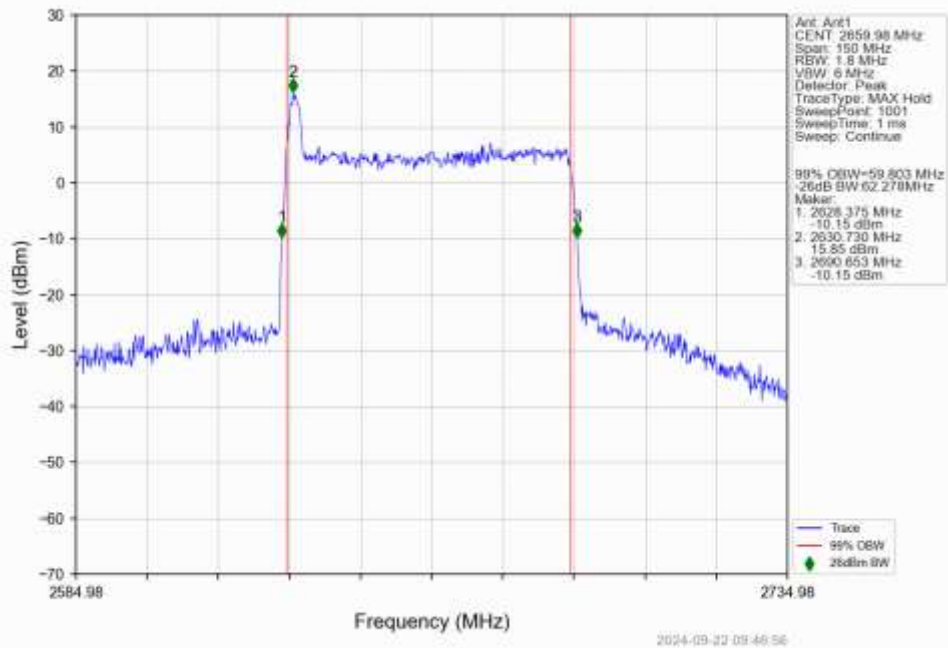
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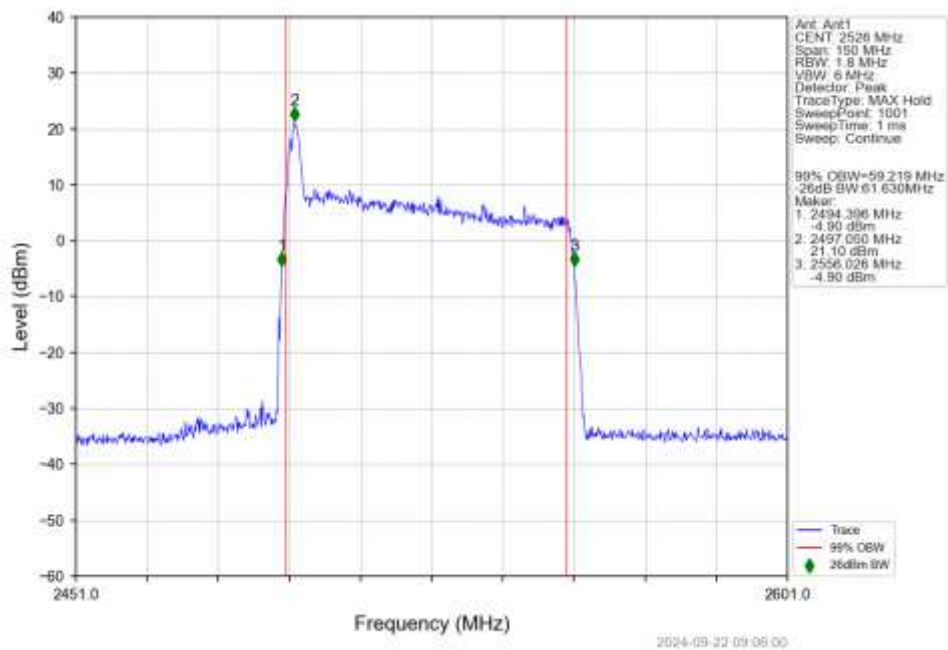
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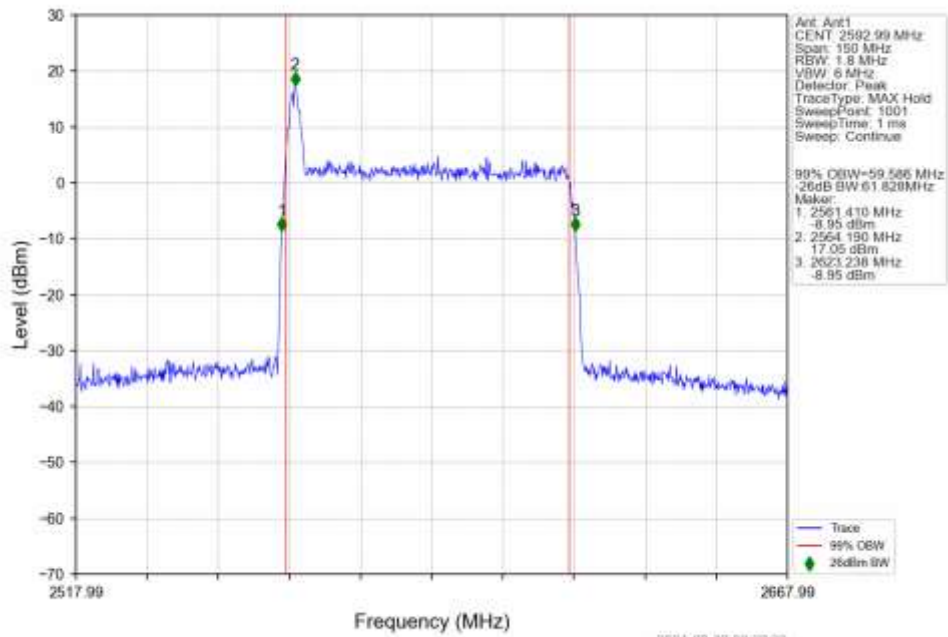
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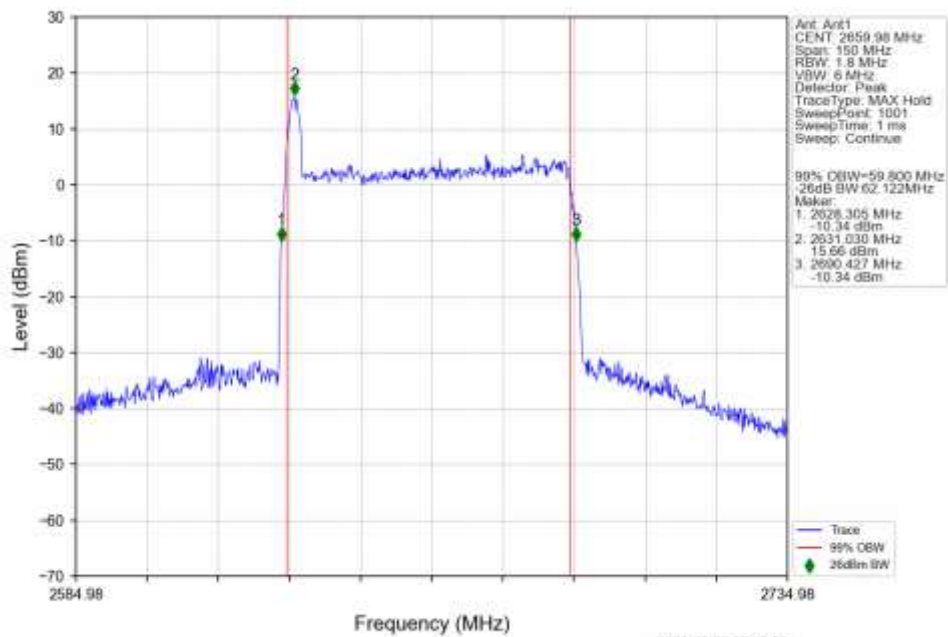
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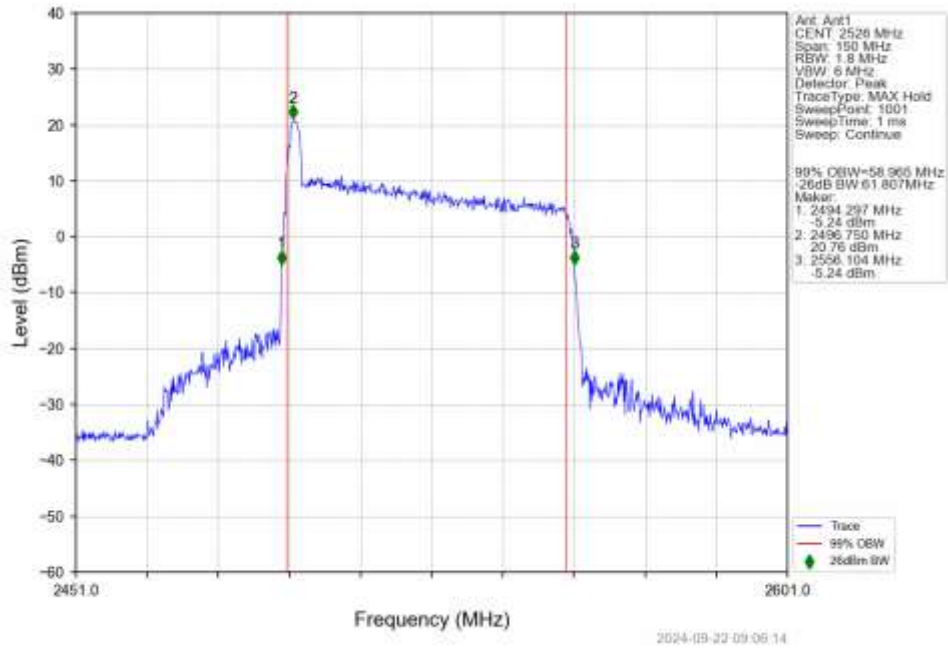
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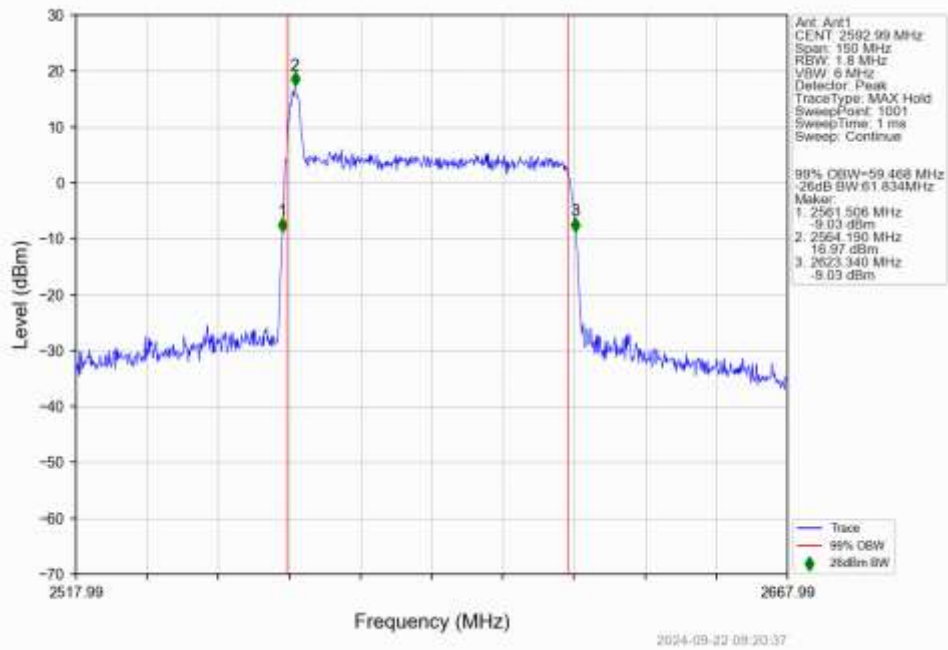
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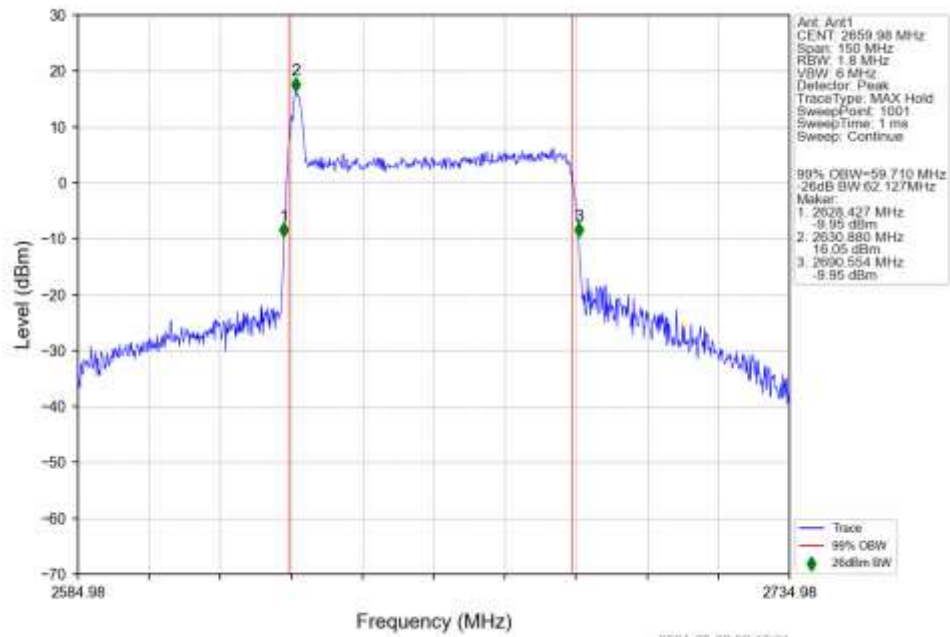
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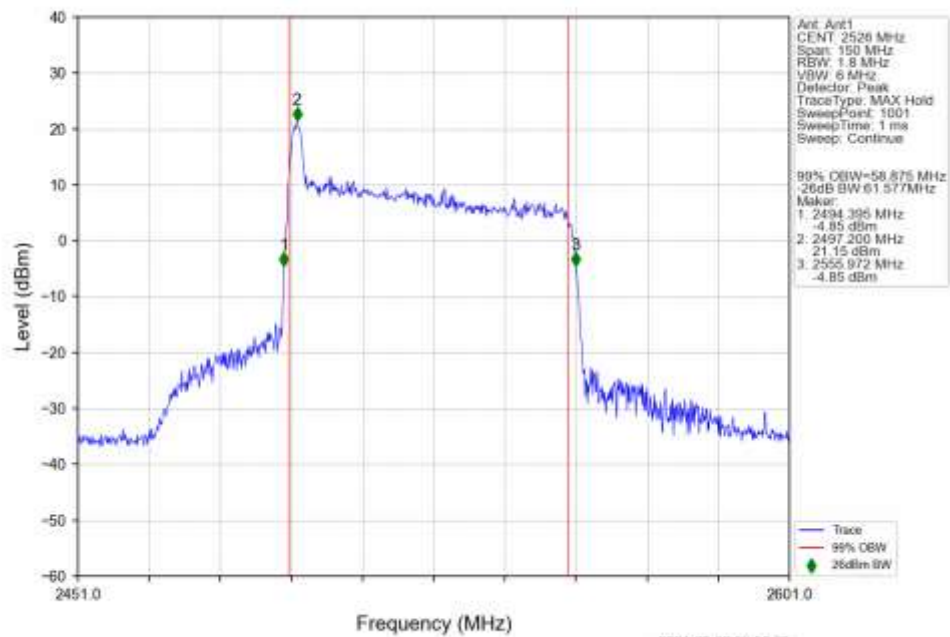
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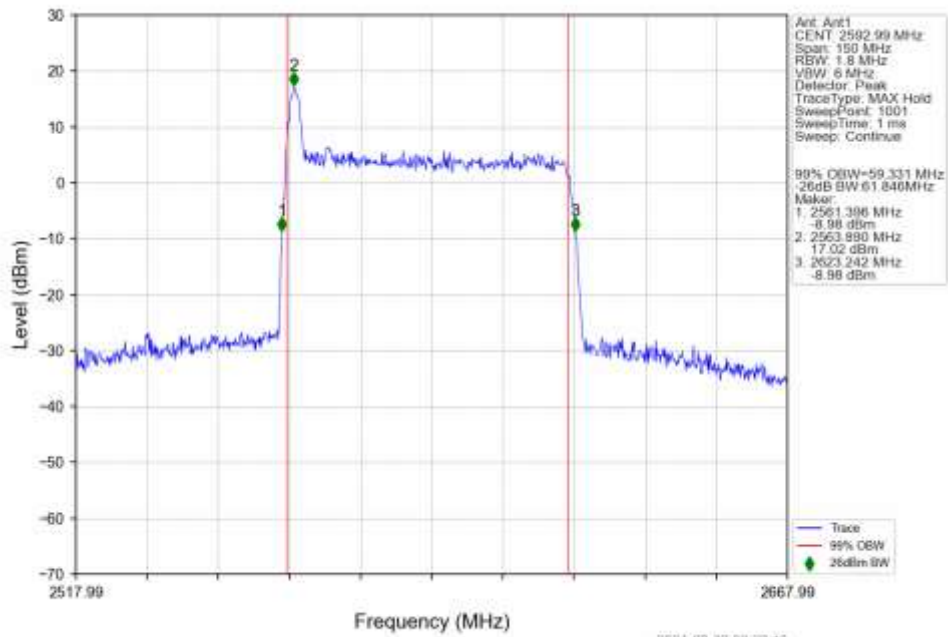
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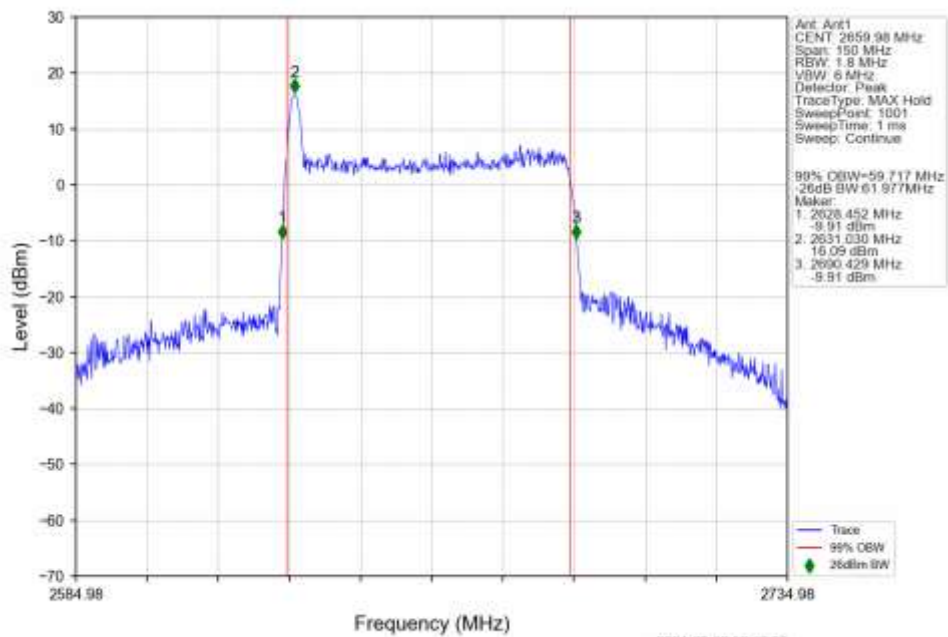
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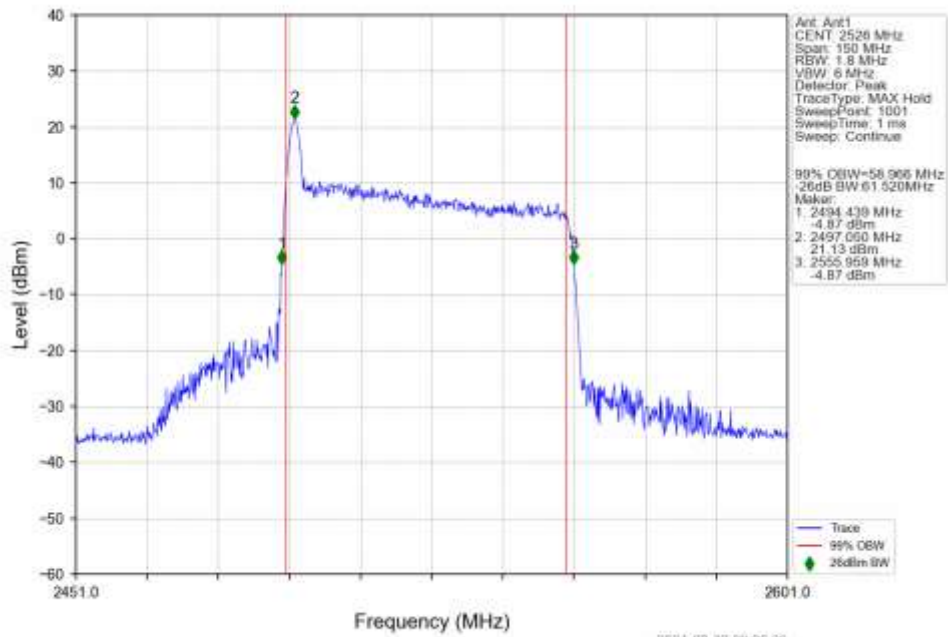
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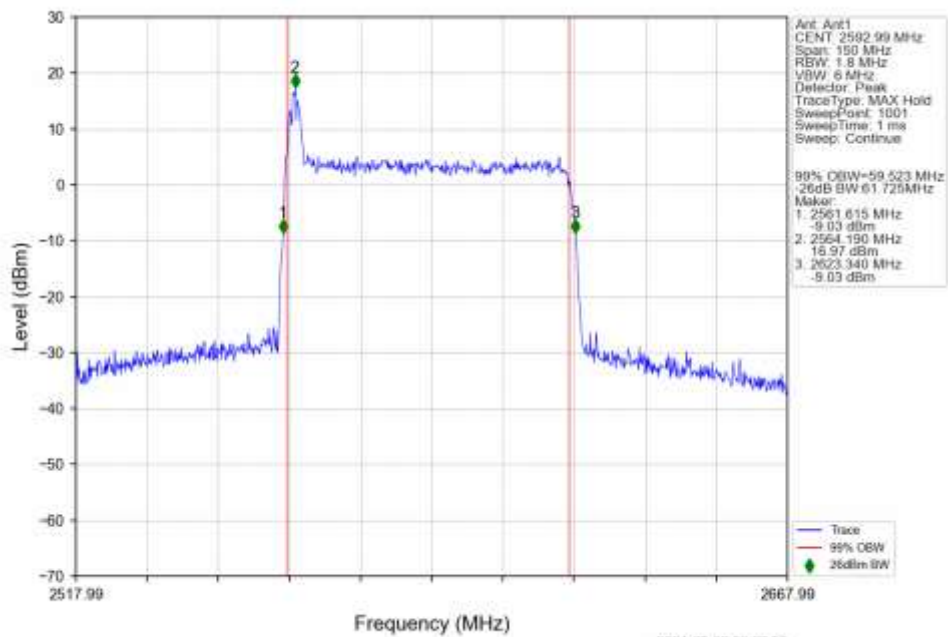
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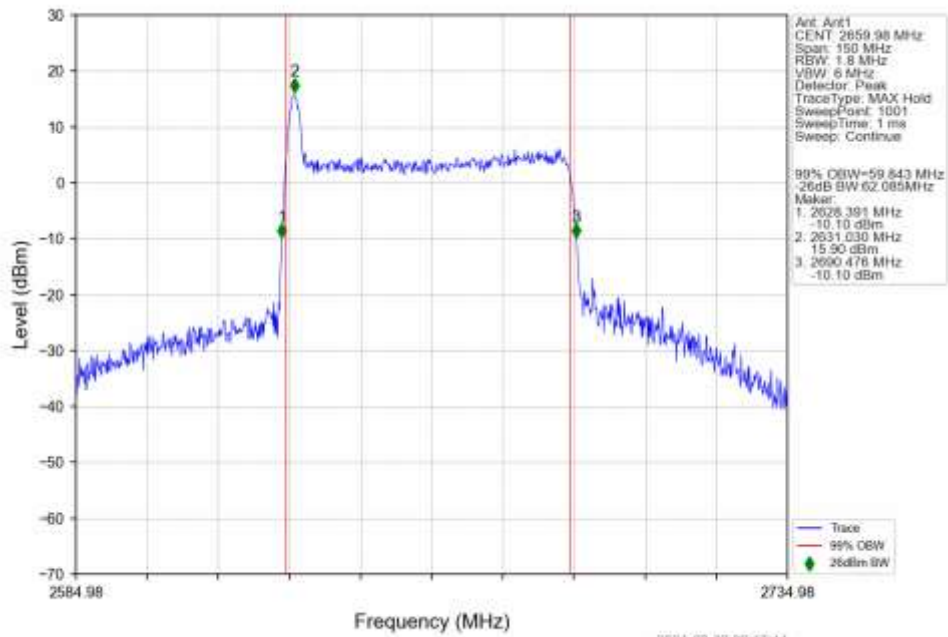
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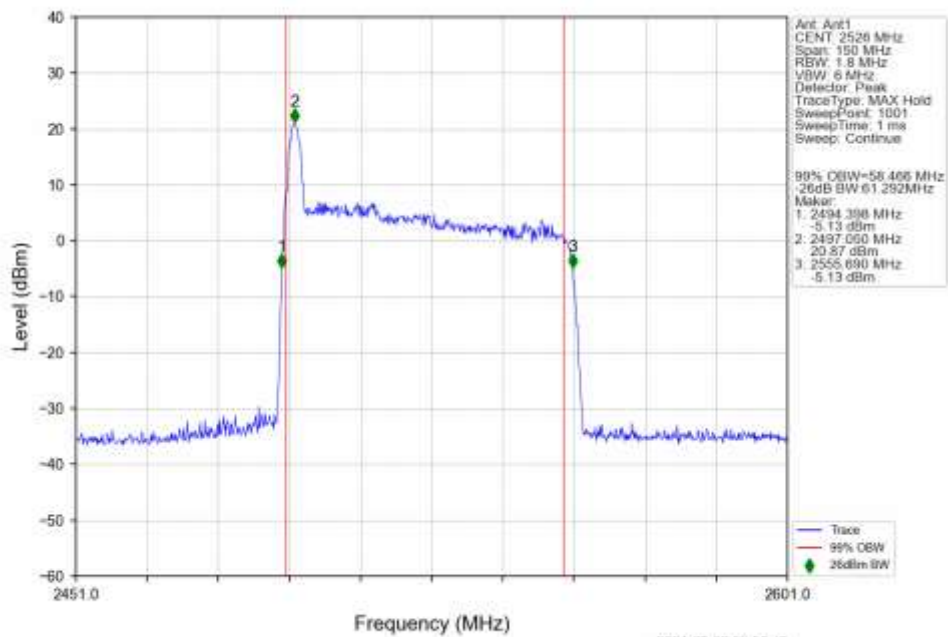
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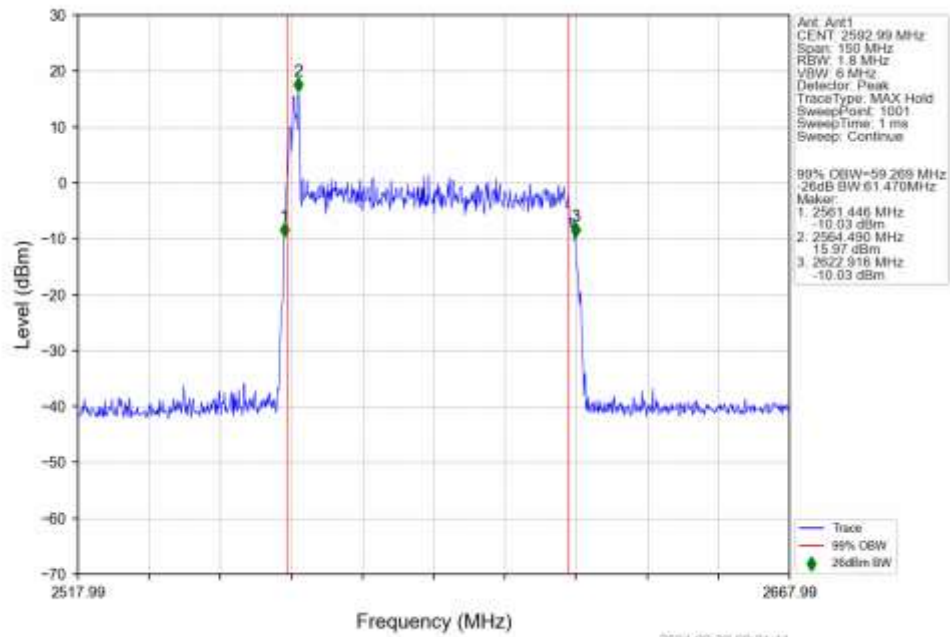
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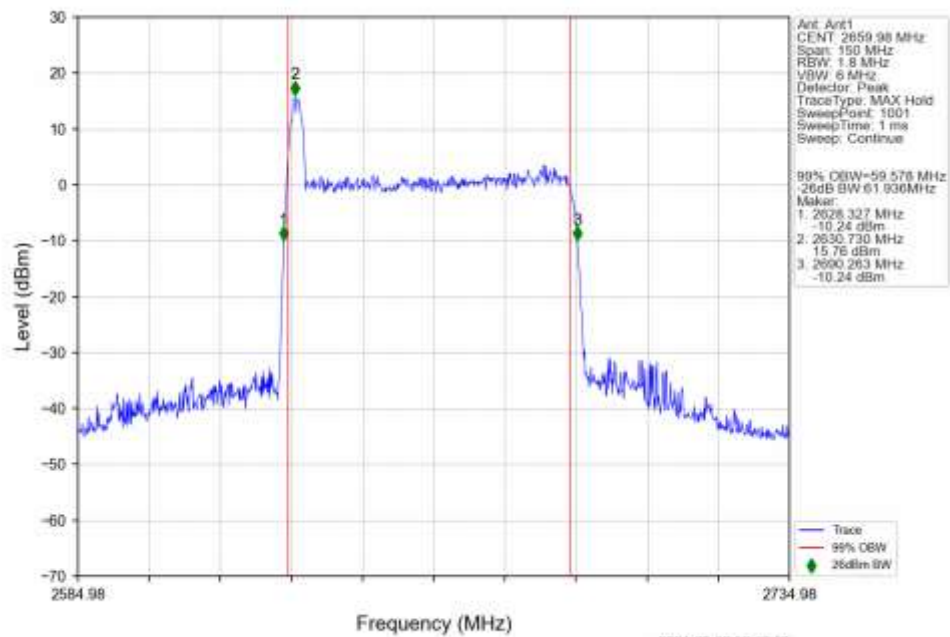
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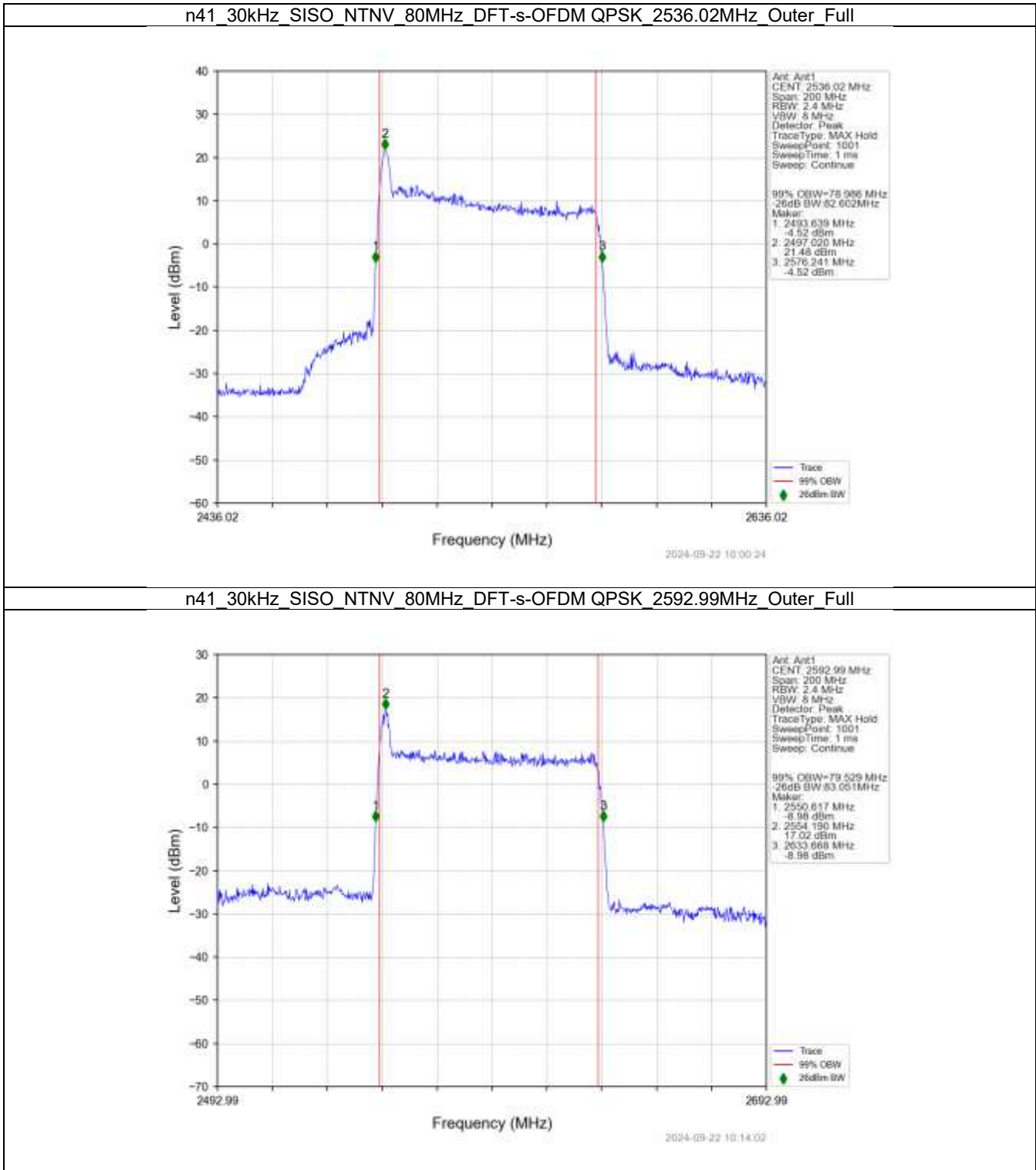
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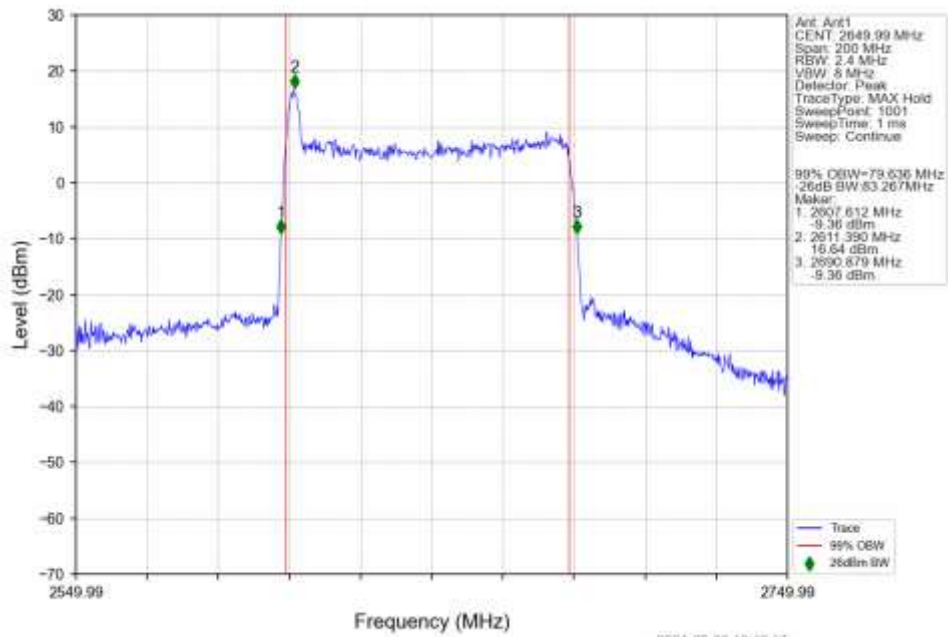
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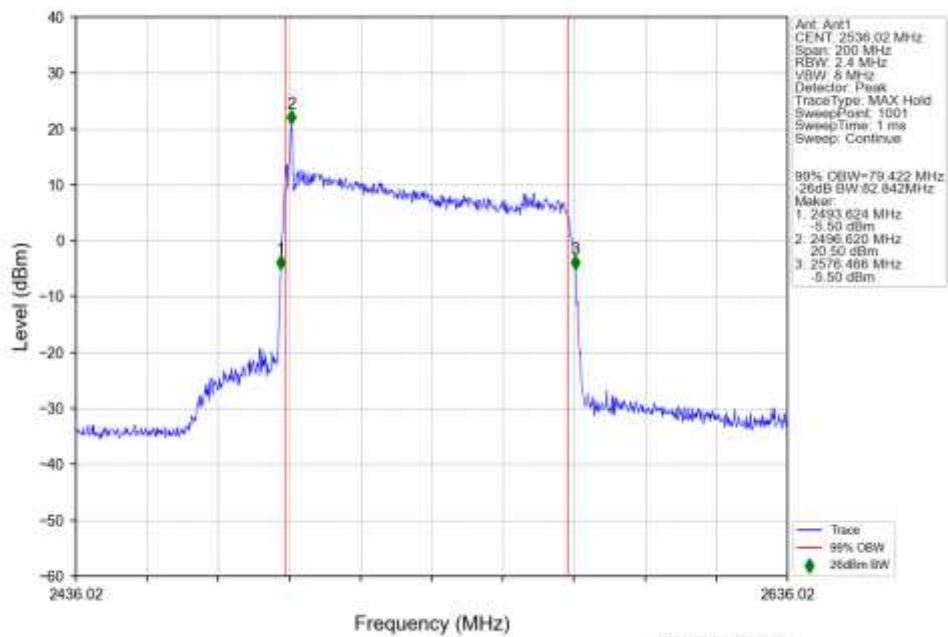
4.2.12 30k_SISO_80MHz_NTNV



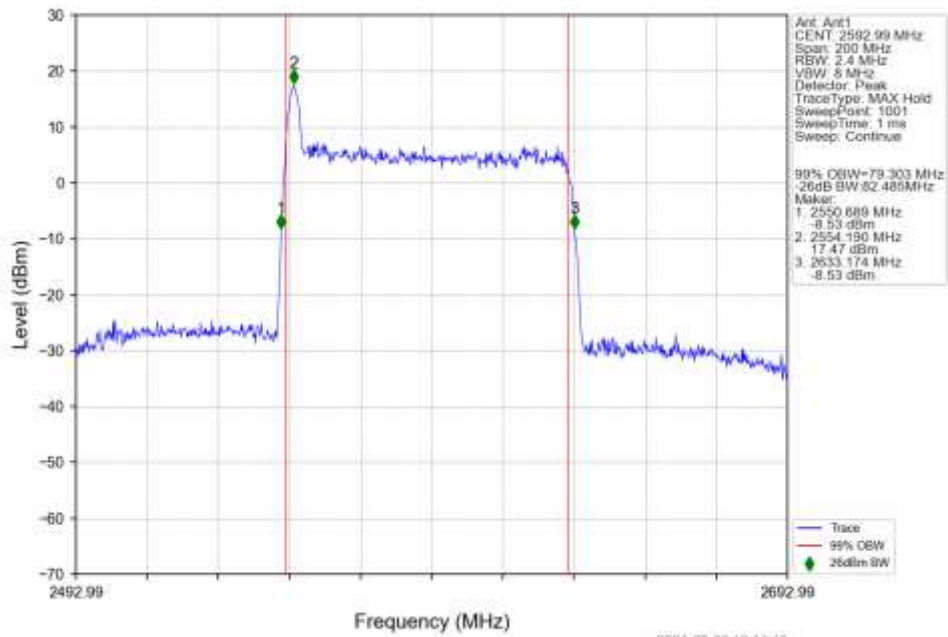
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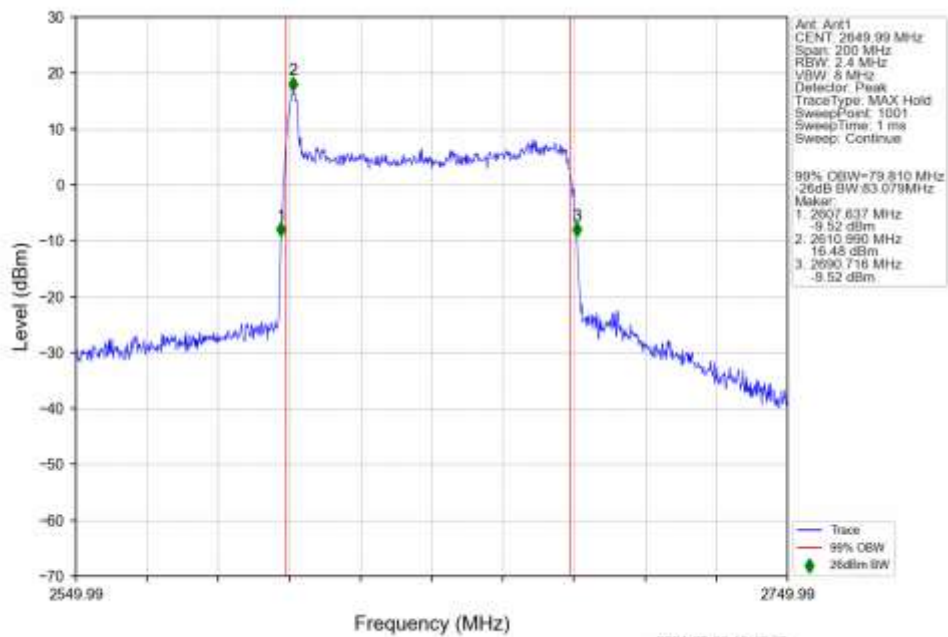
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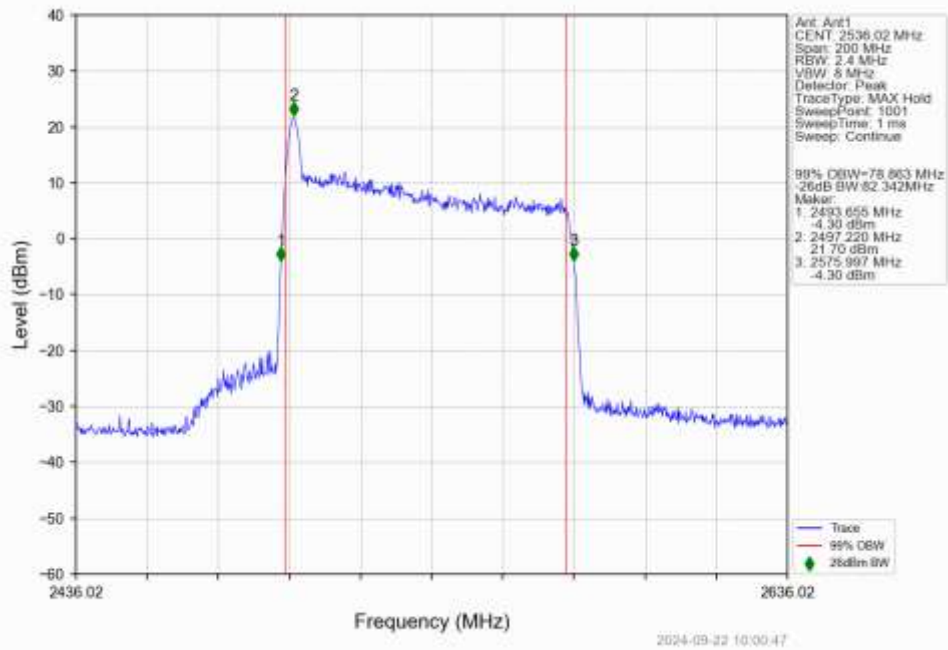
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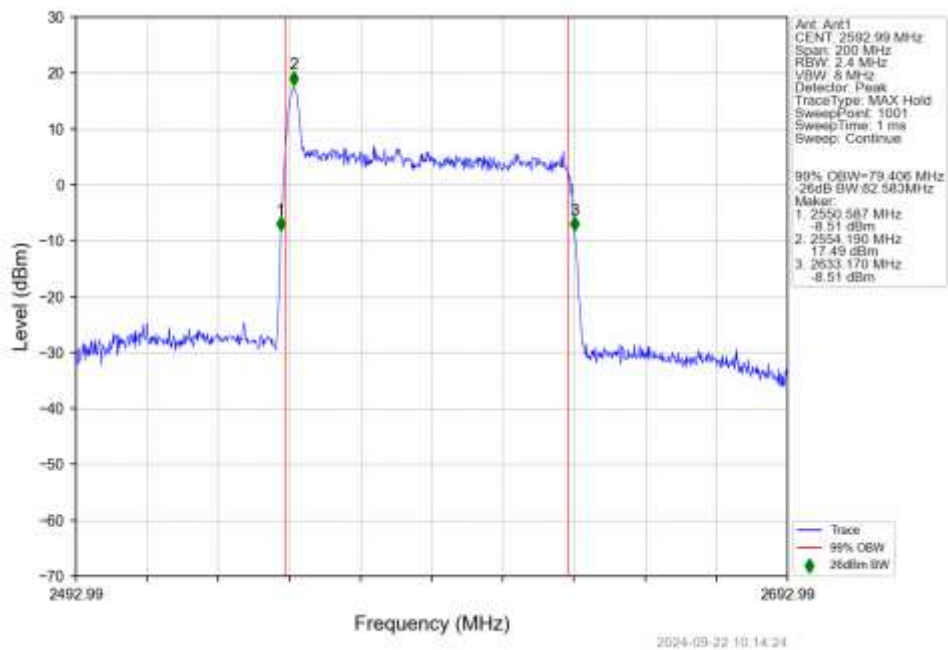
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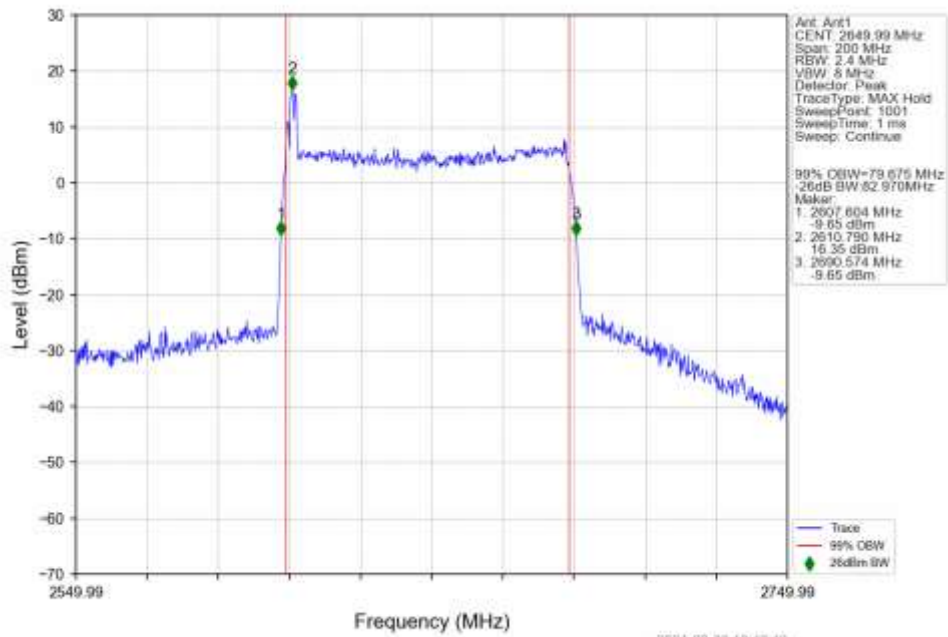
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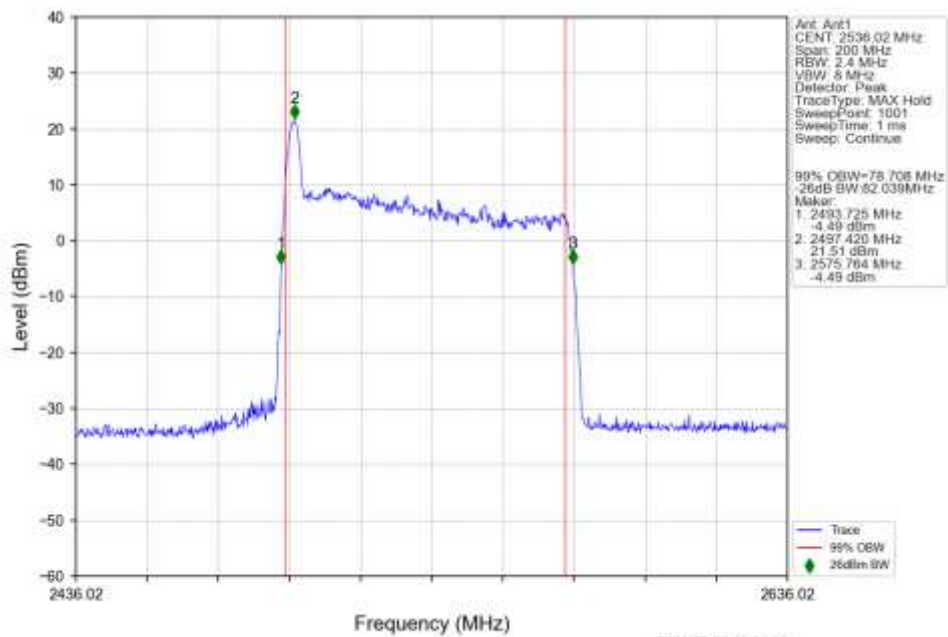
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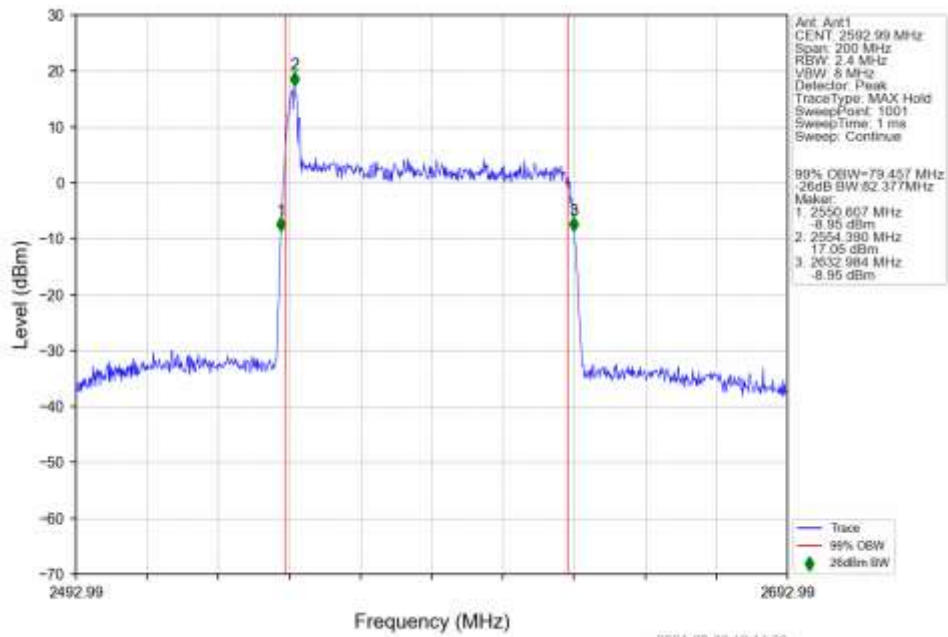
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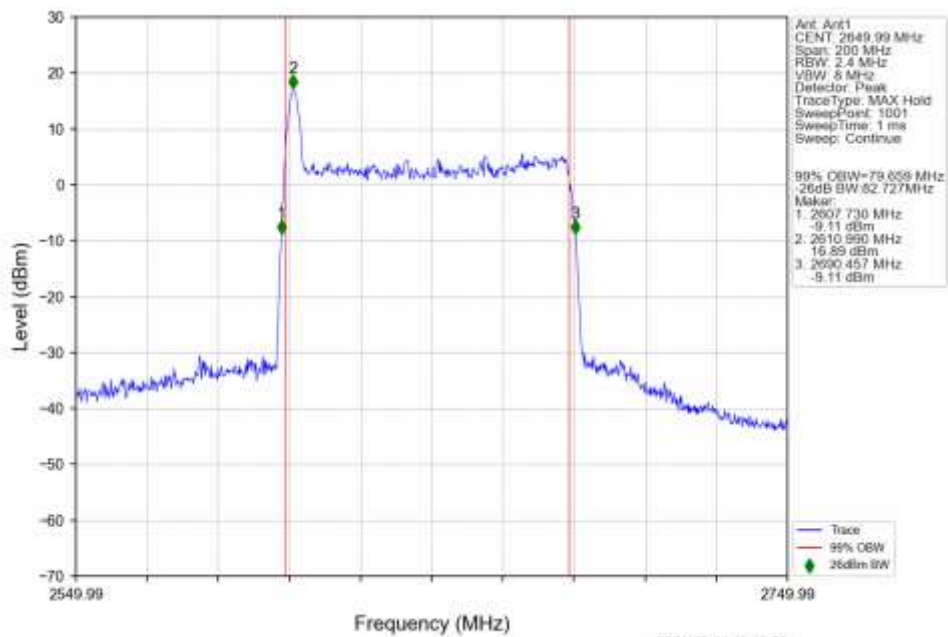
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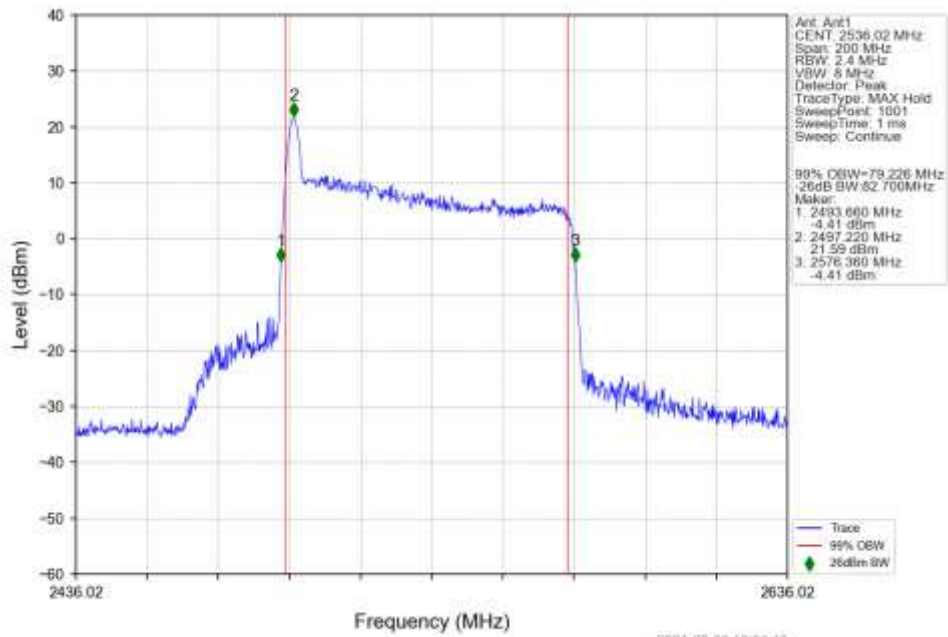
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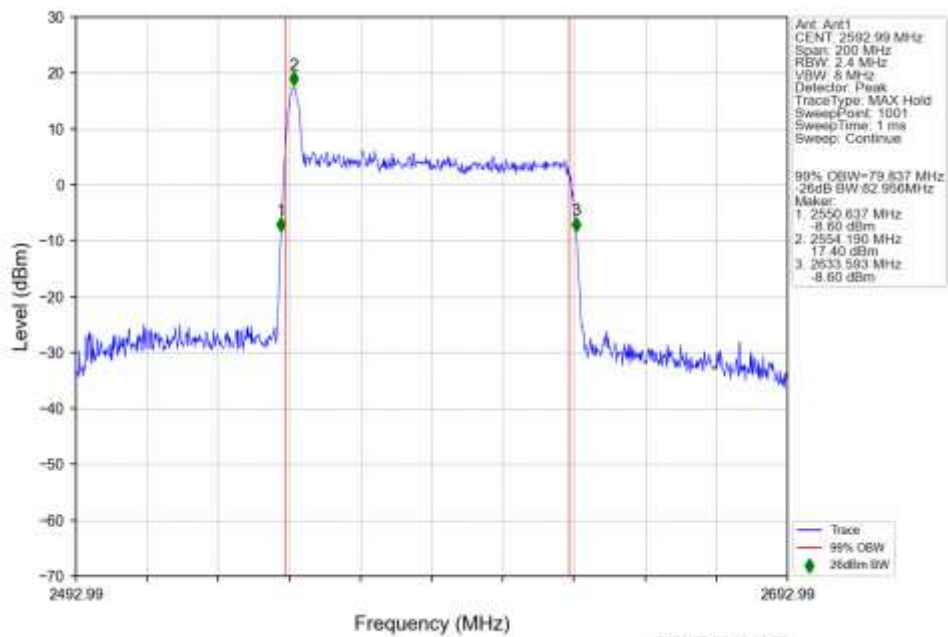
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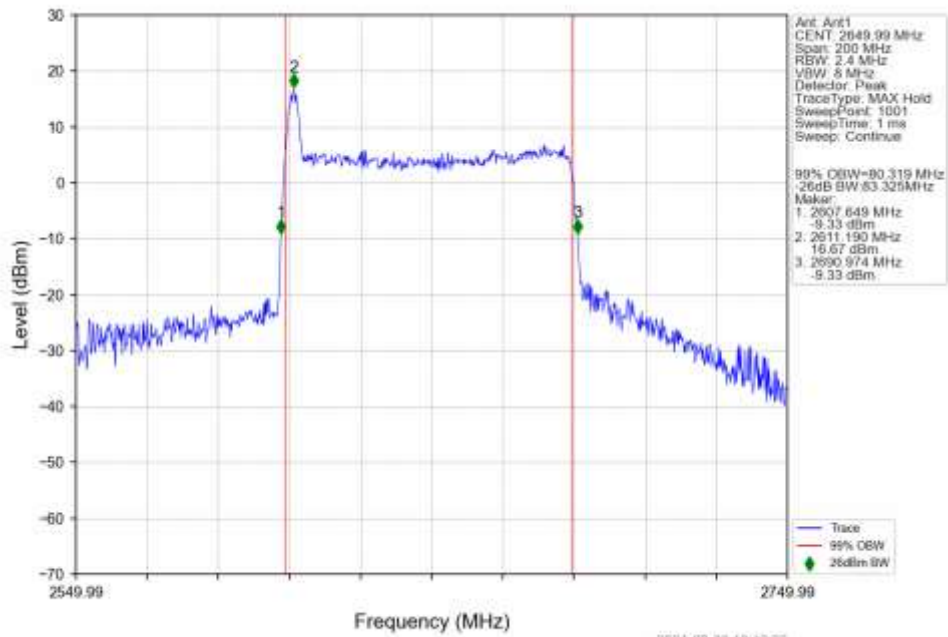
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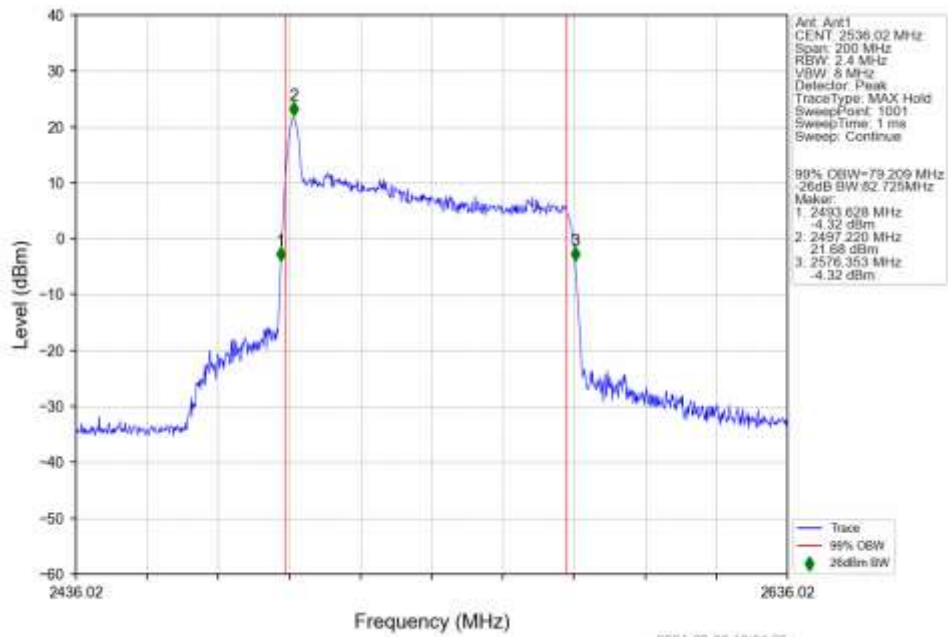
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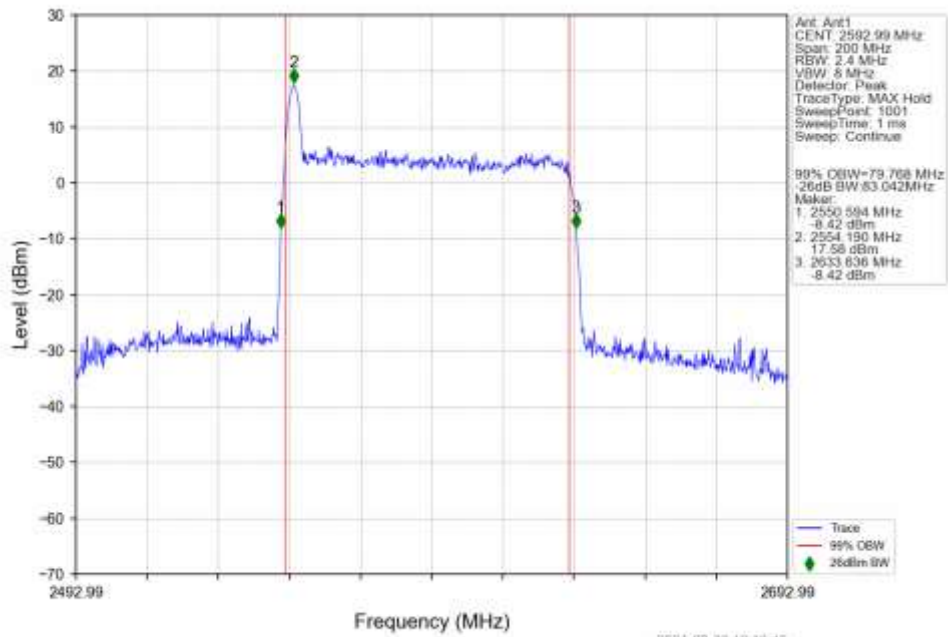
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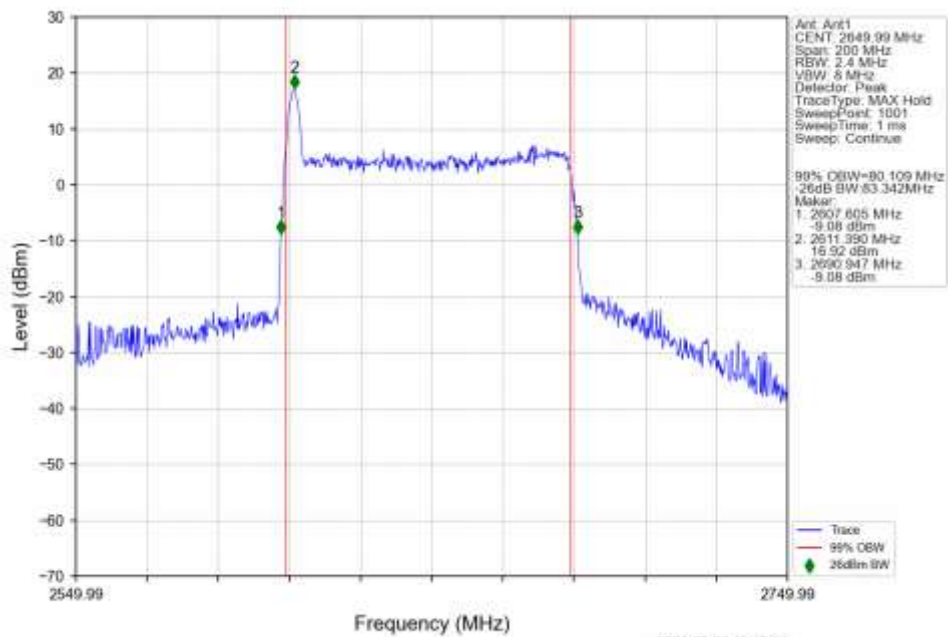
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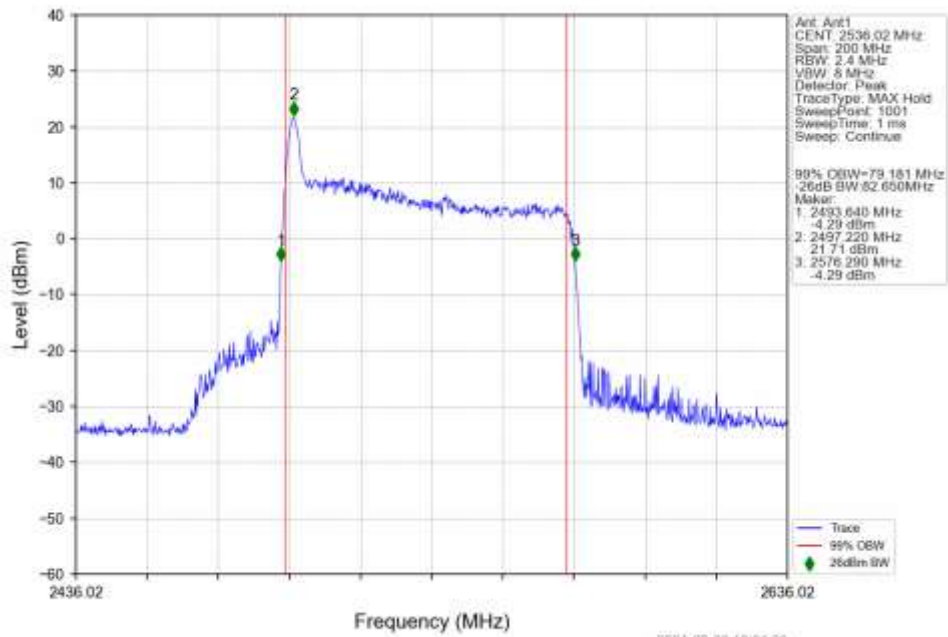
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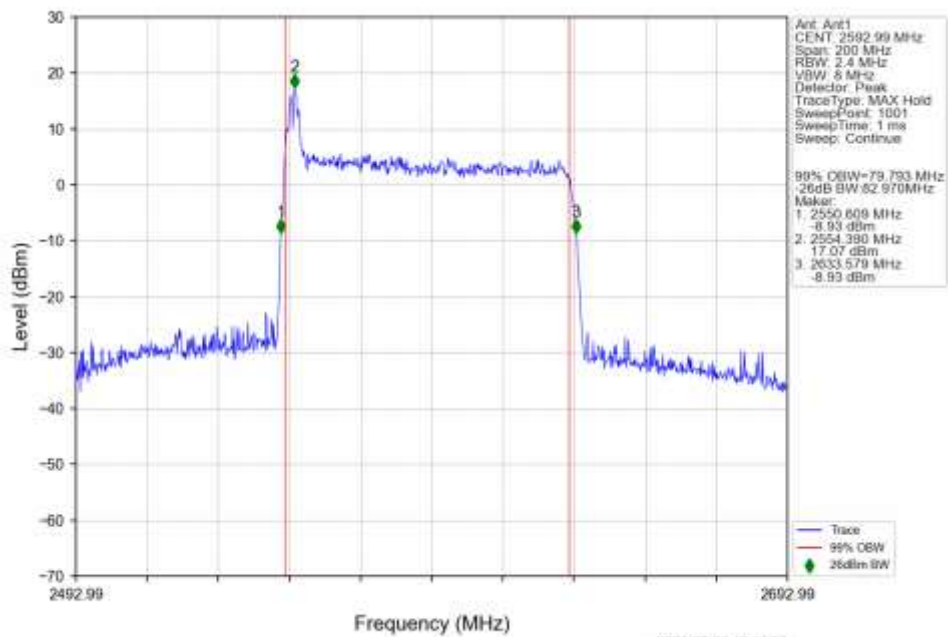
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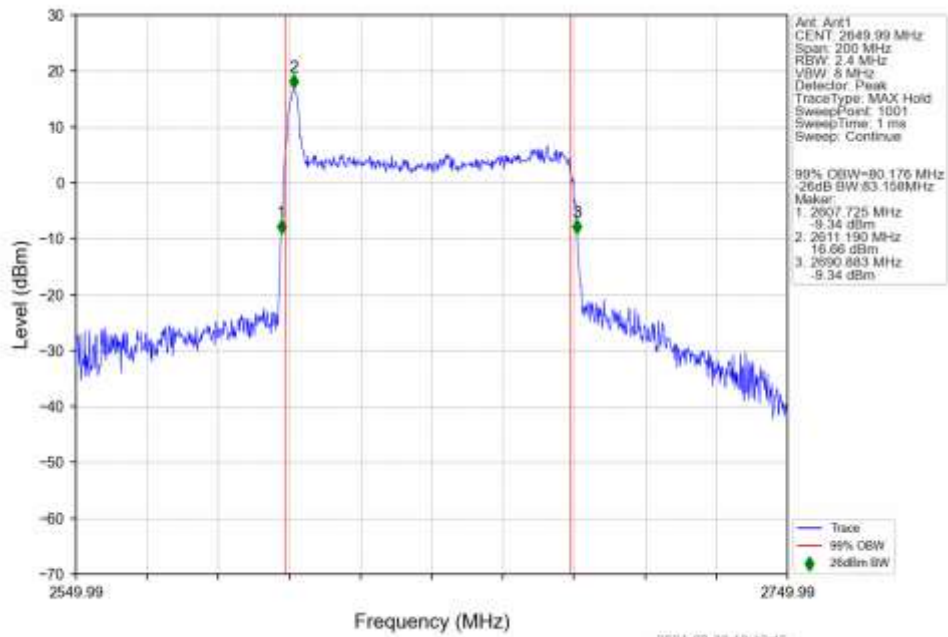
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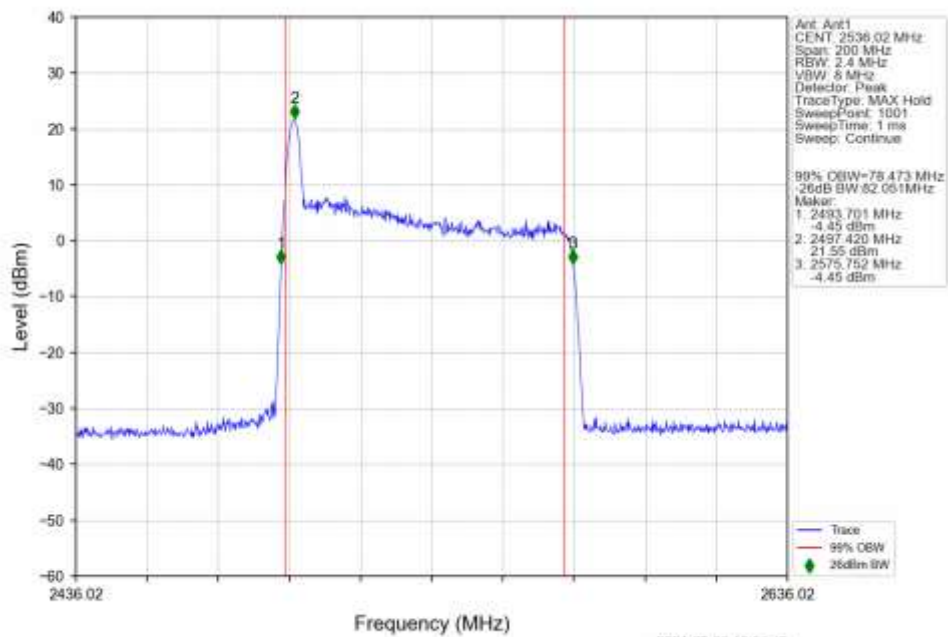
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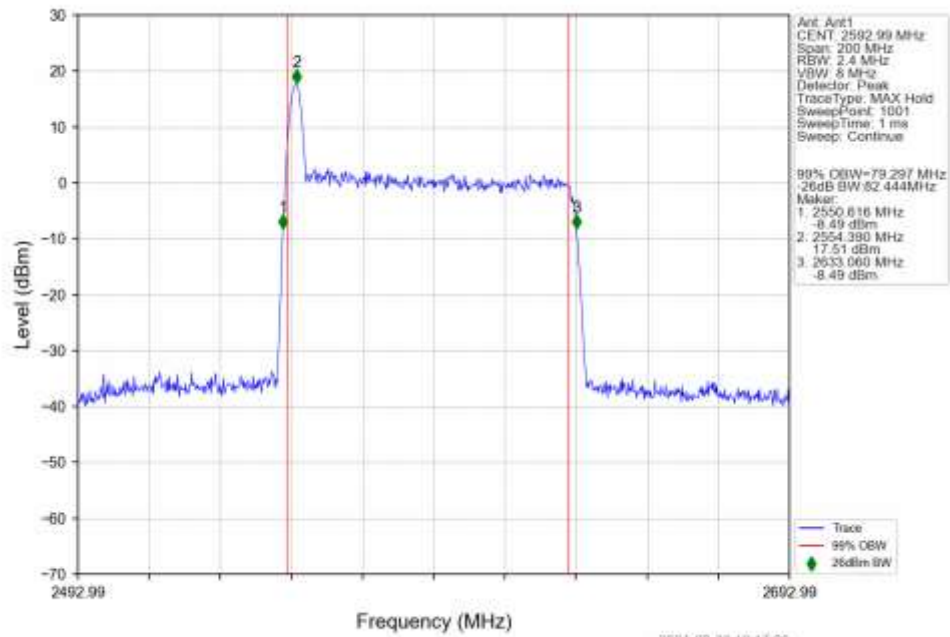
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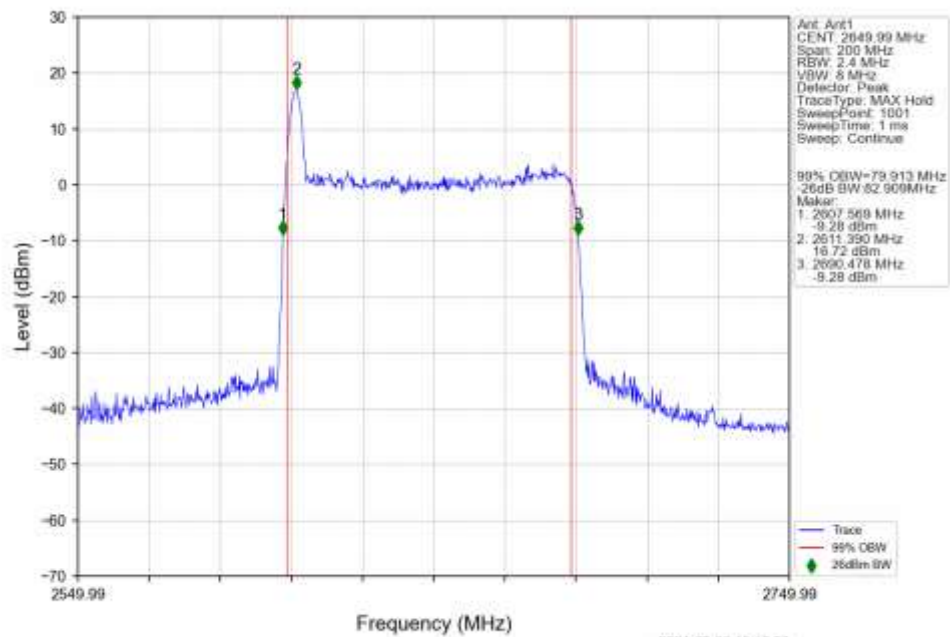
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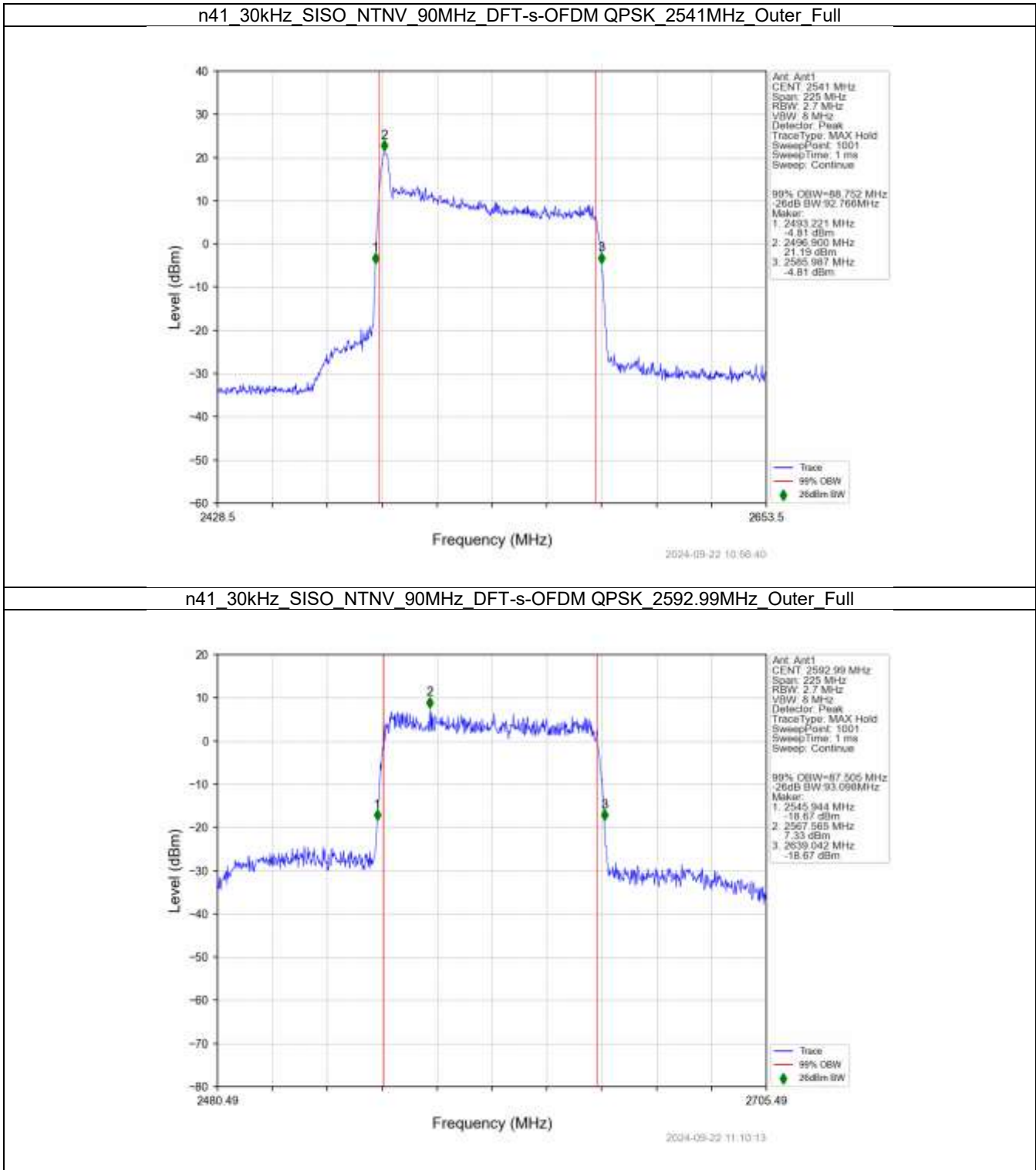
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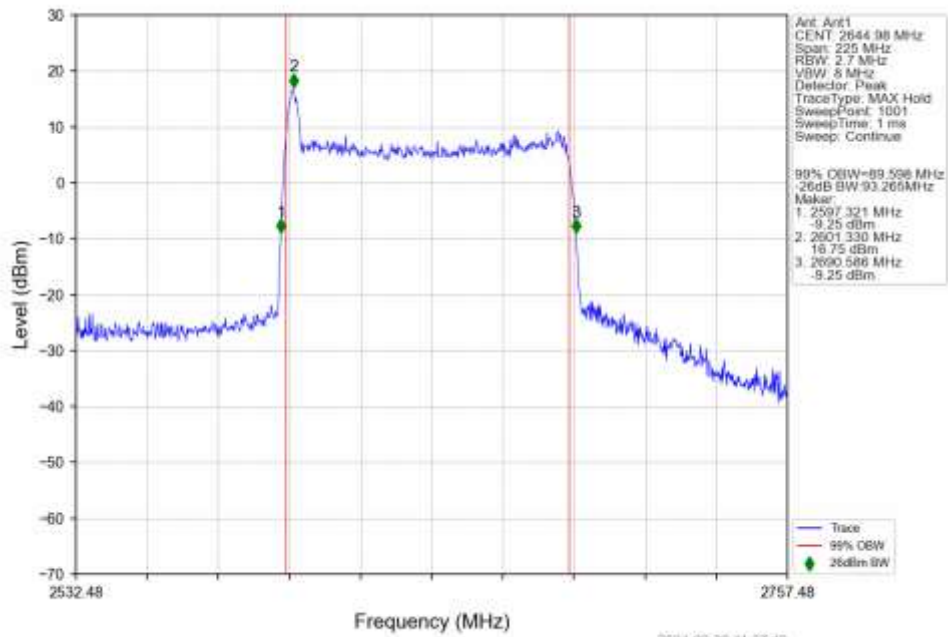
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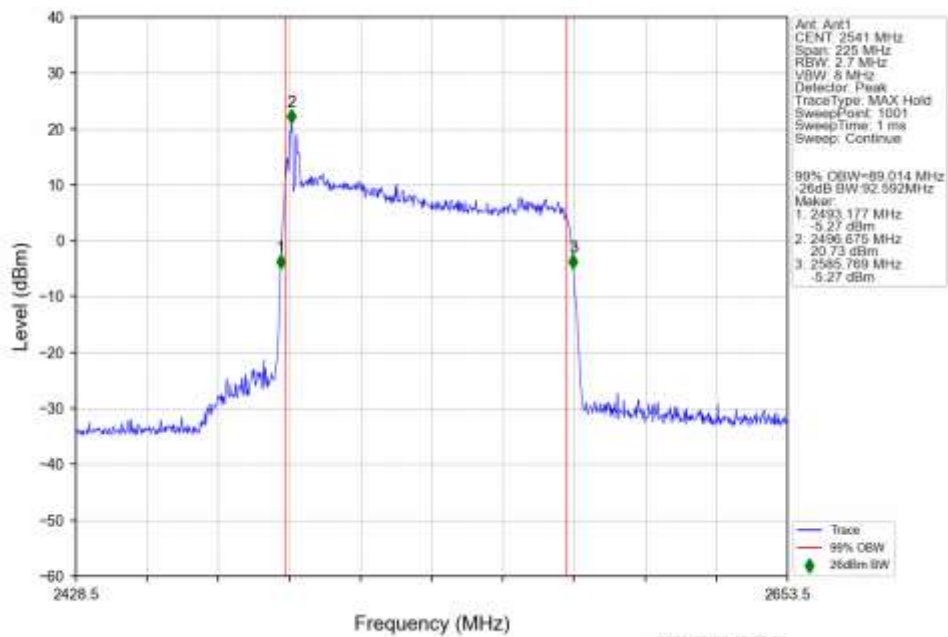
4.2.13 30k_SISO_90MHz_NTNV



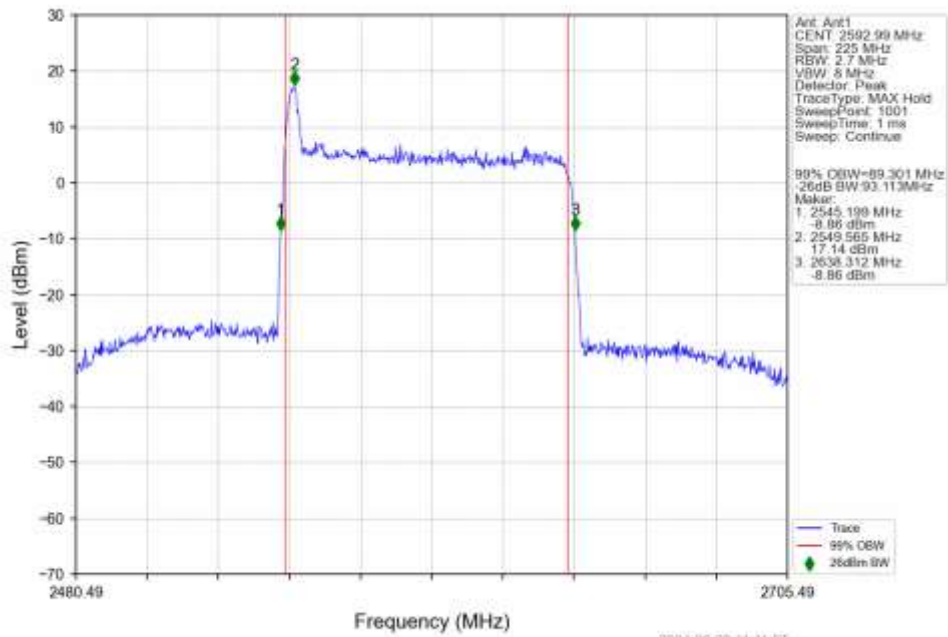
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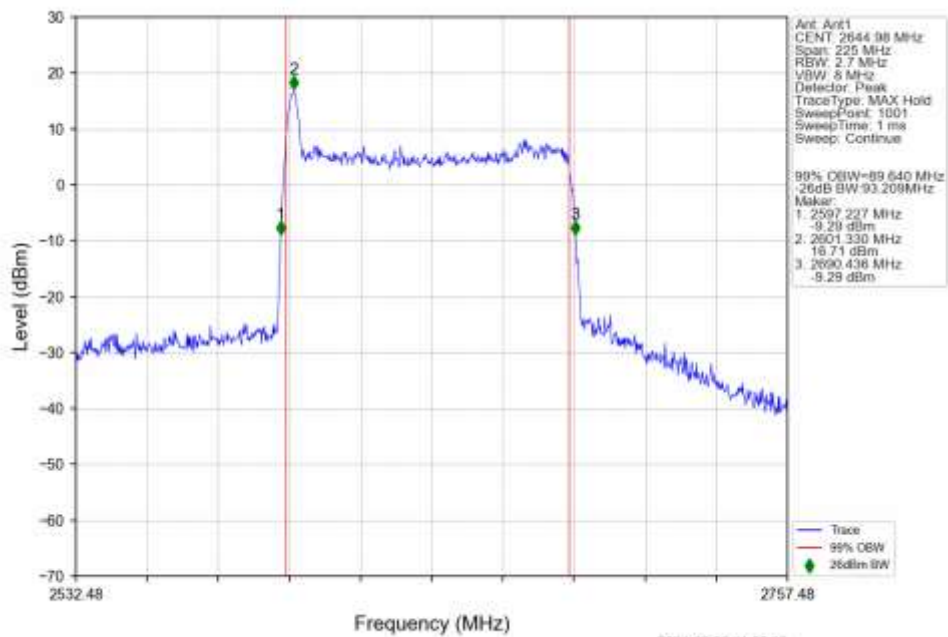
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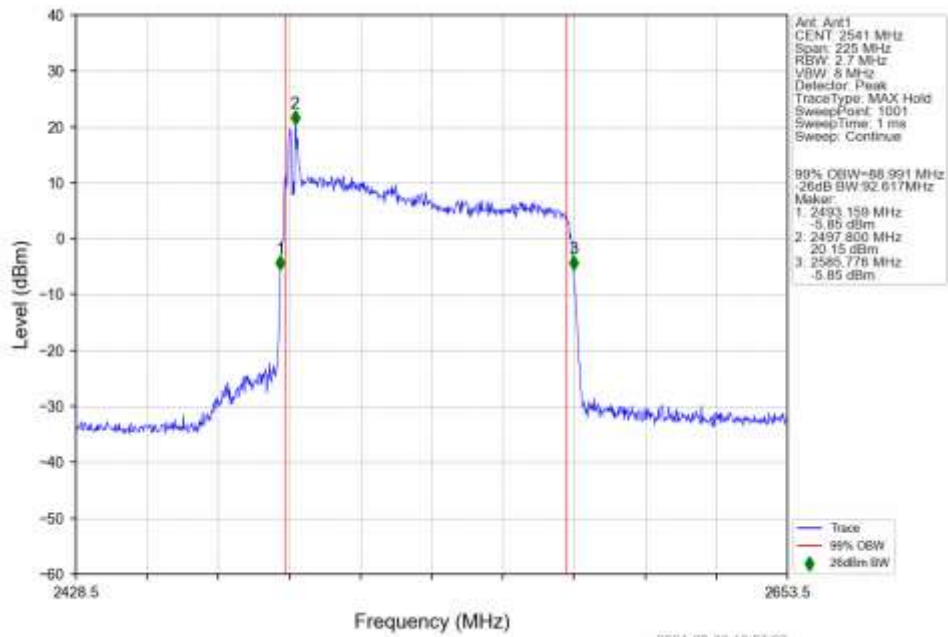
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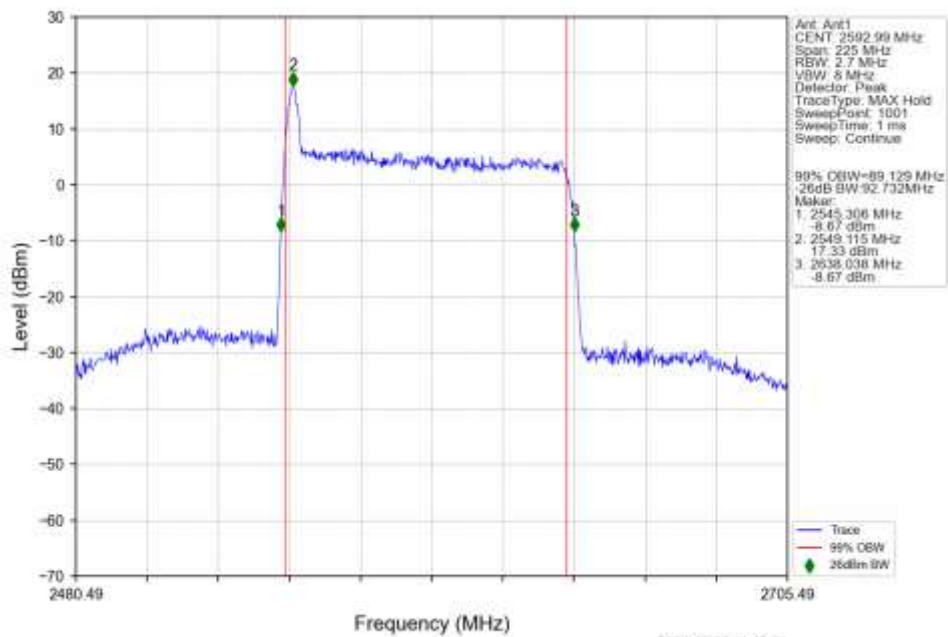
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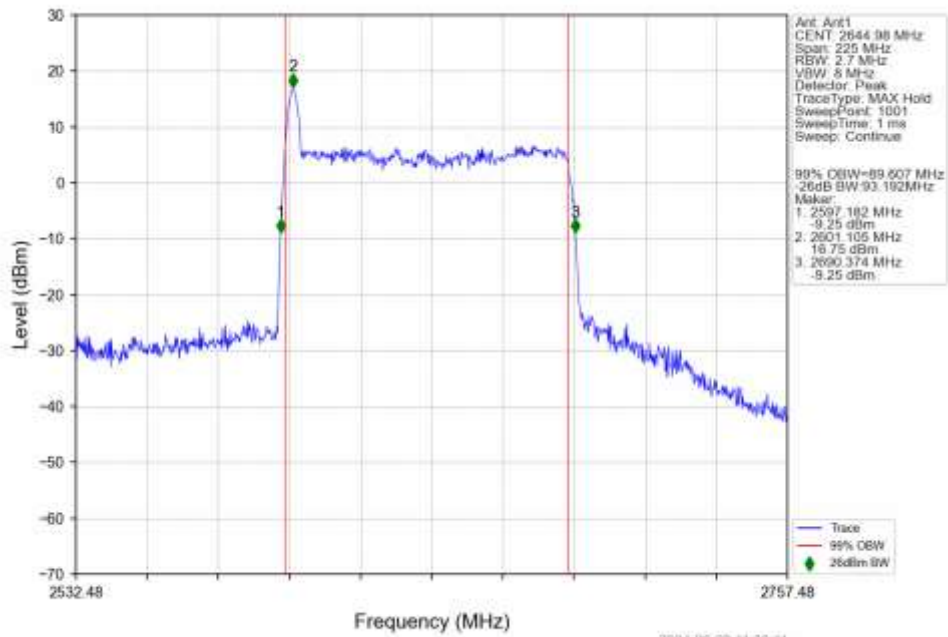
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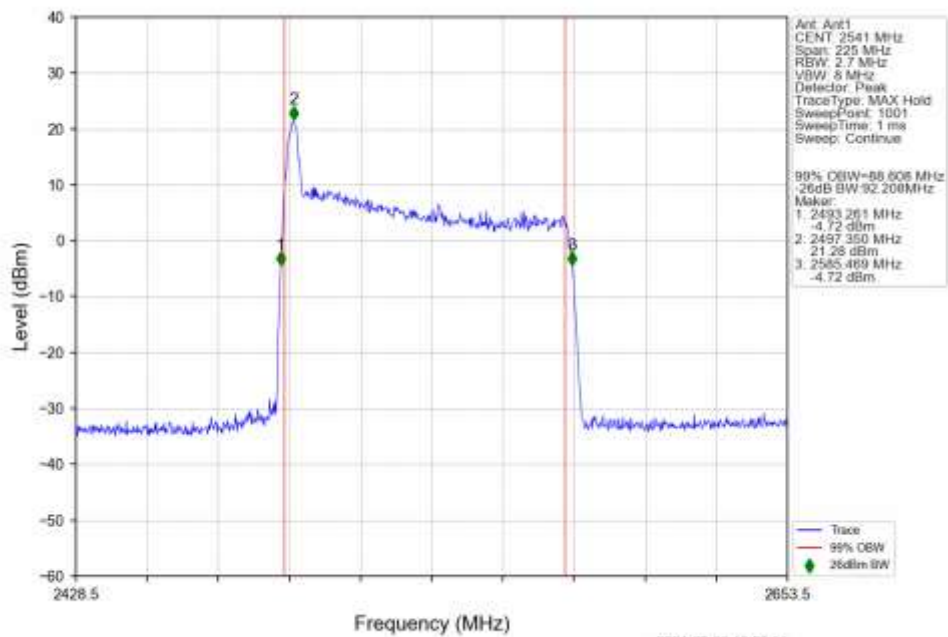
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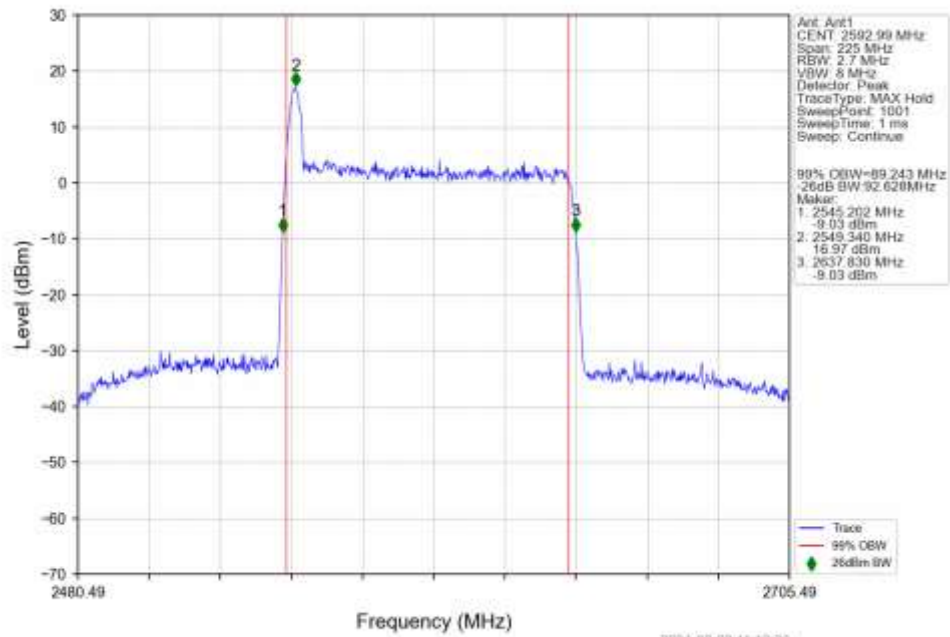
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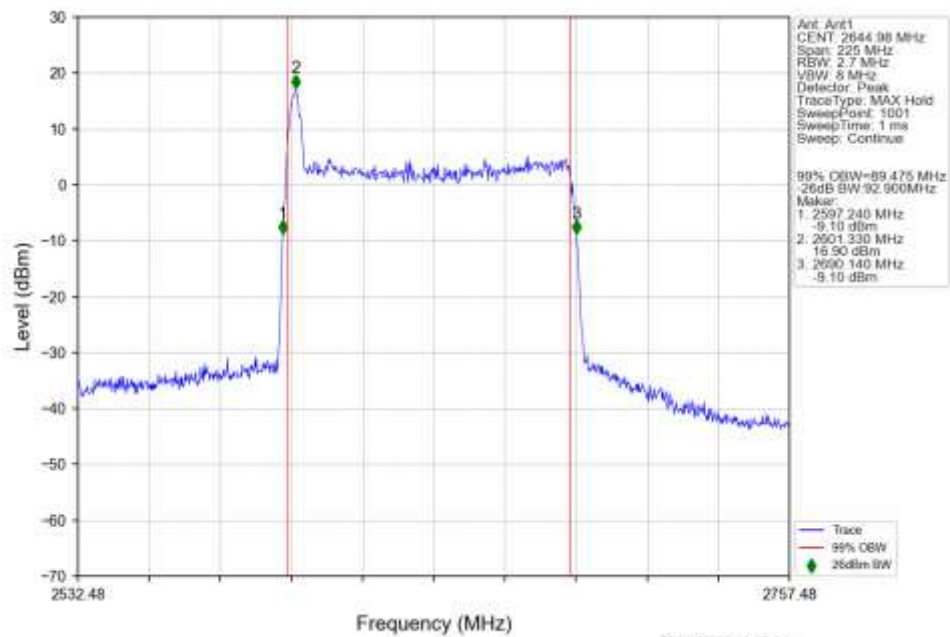
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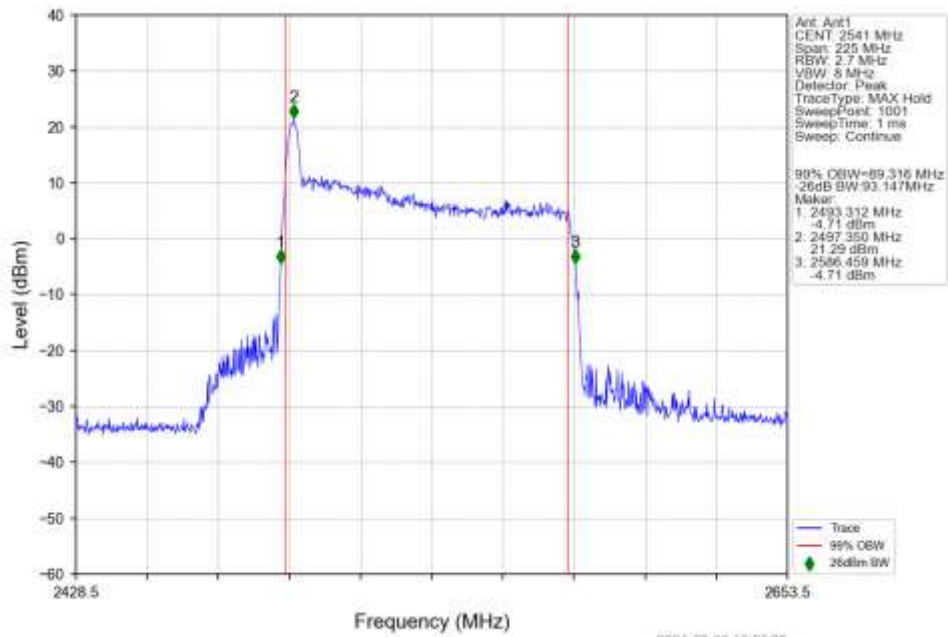
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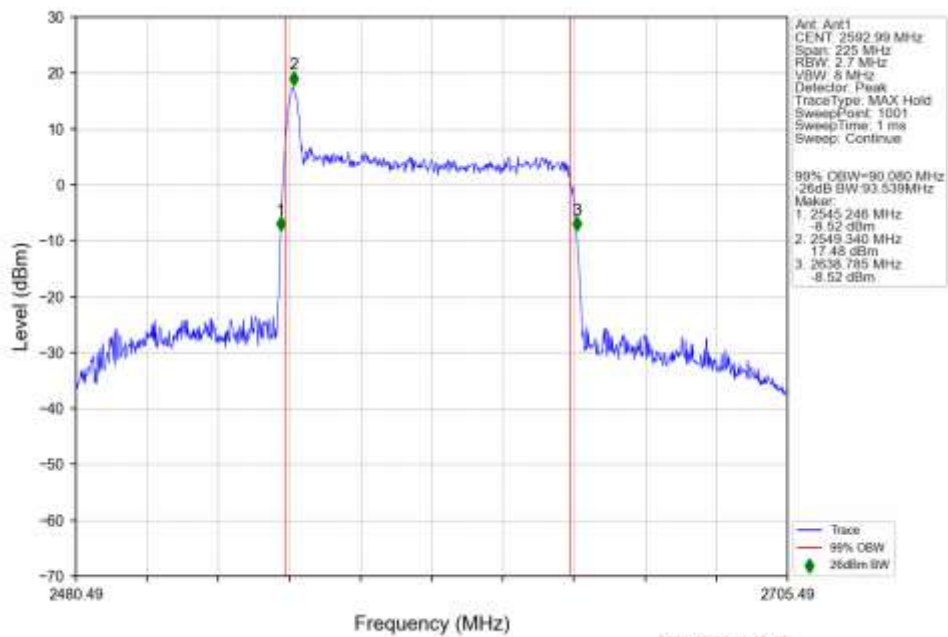
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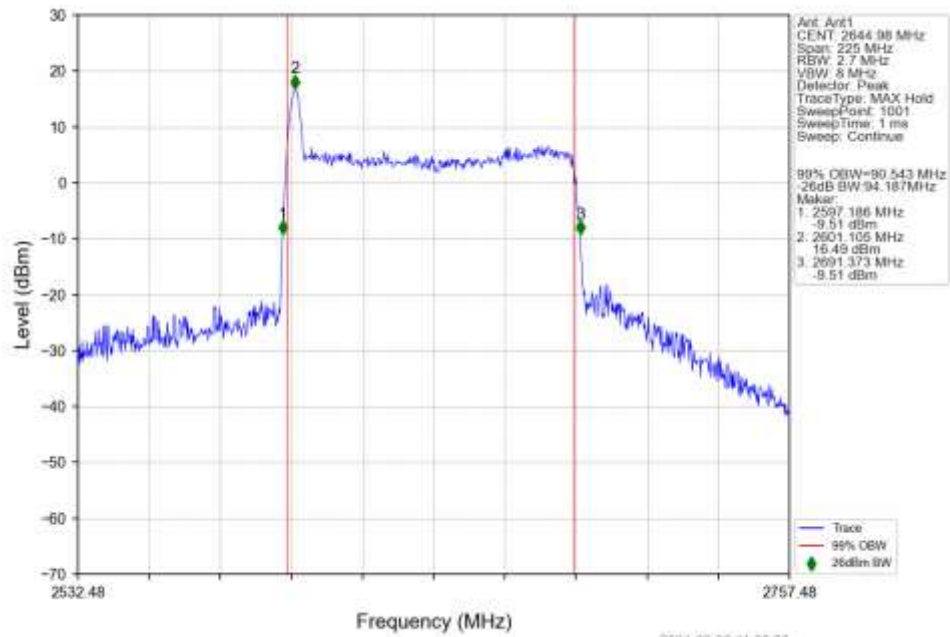
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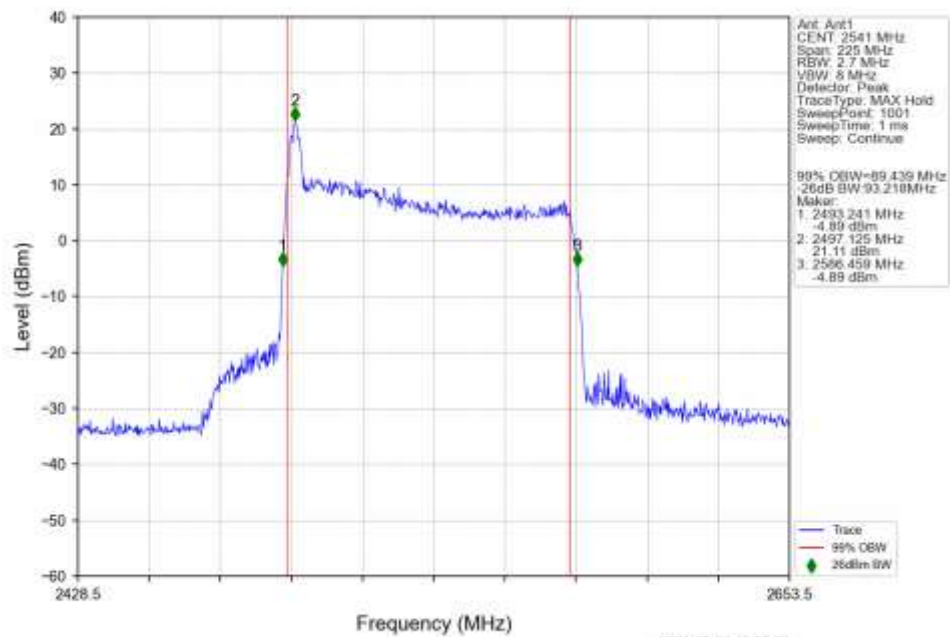
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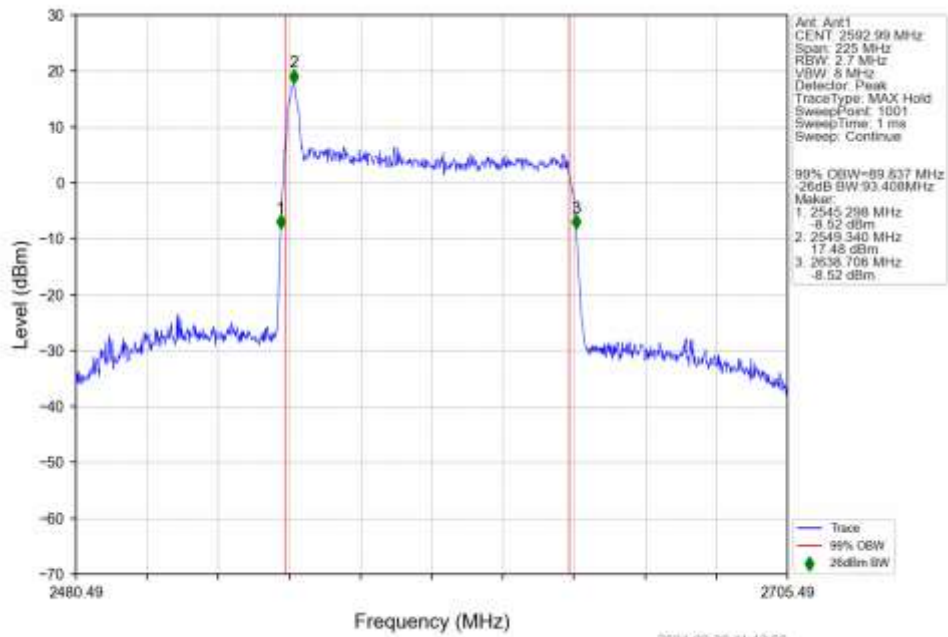
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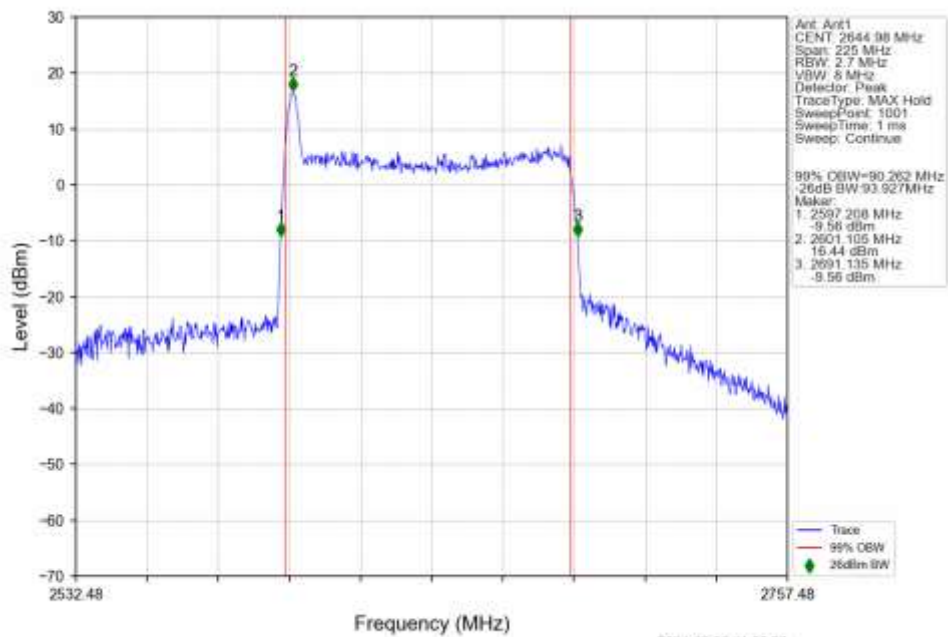
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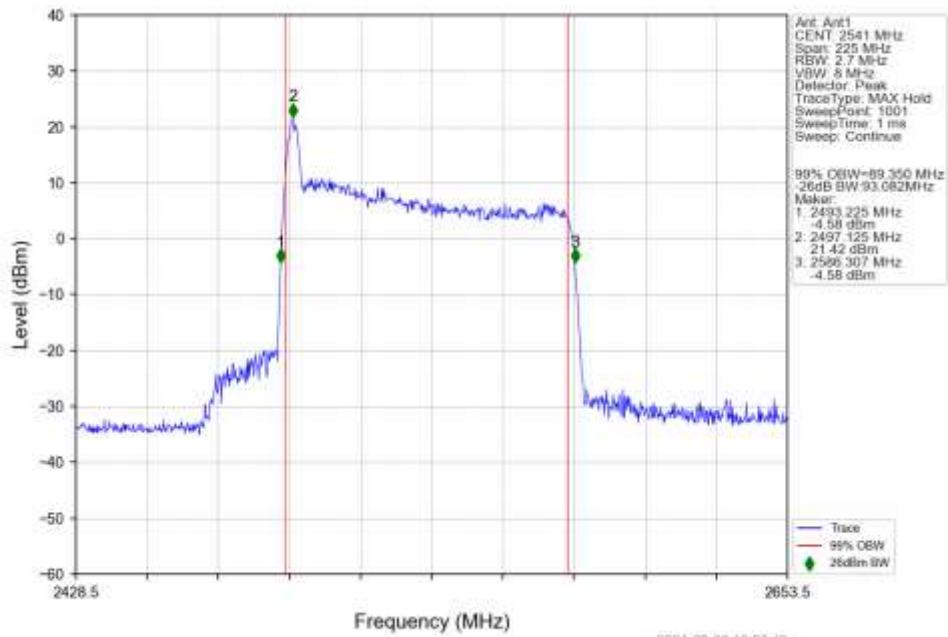
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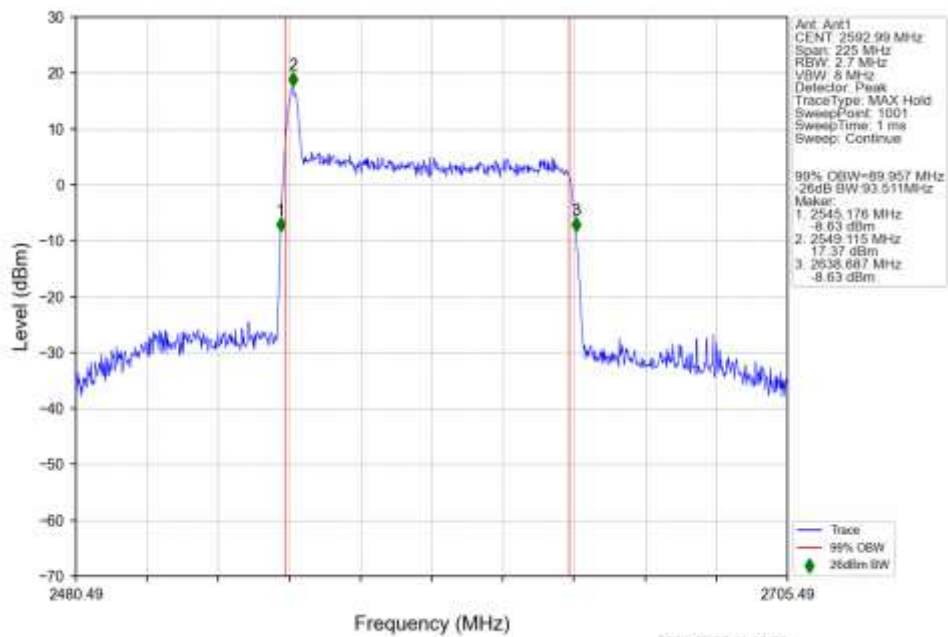
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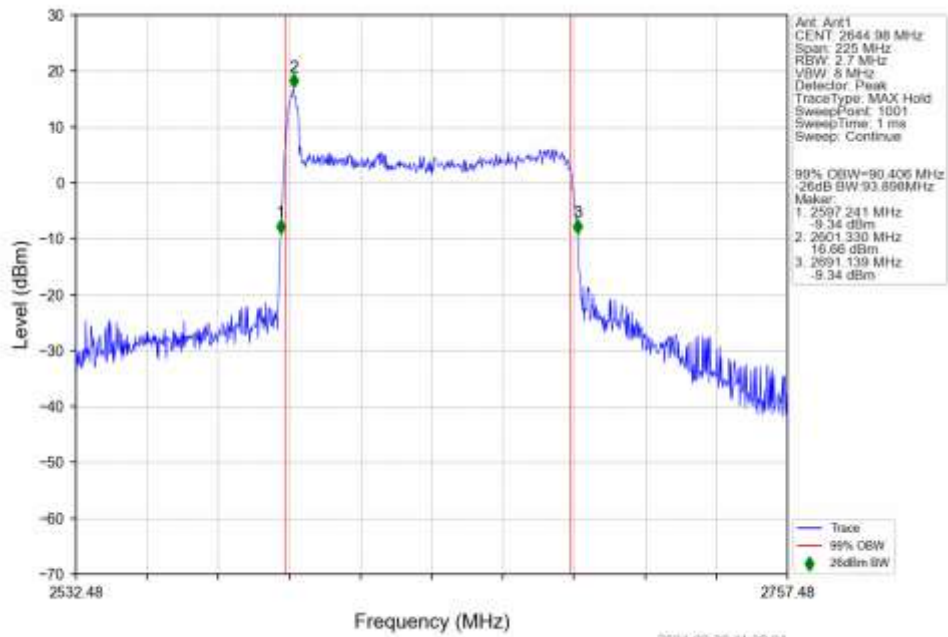
n41 30kHz SISO NTN 90MHz CP-OFDM 64 QAM 2541MHz Outer Full



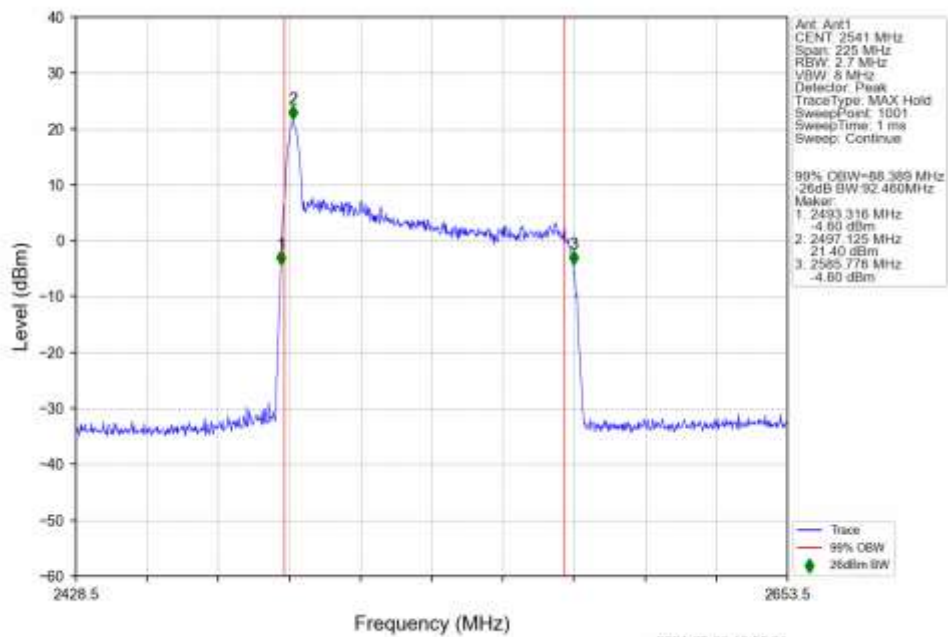
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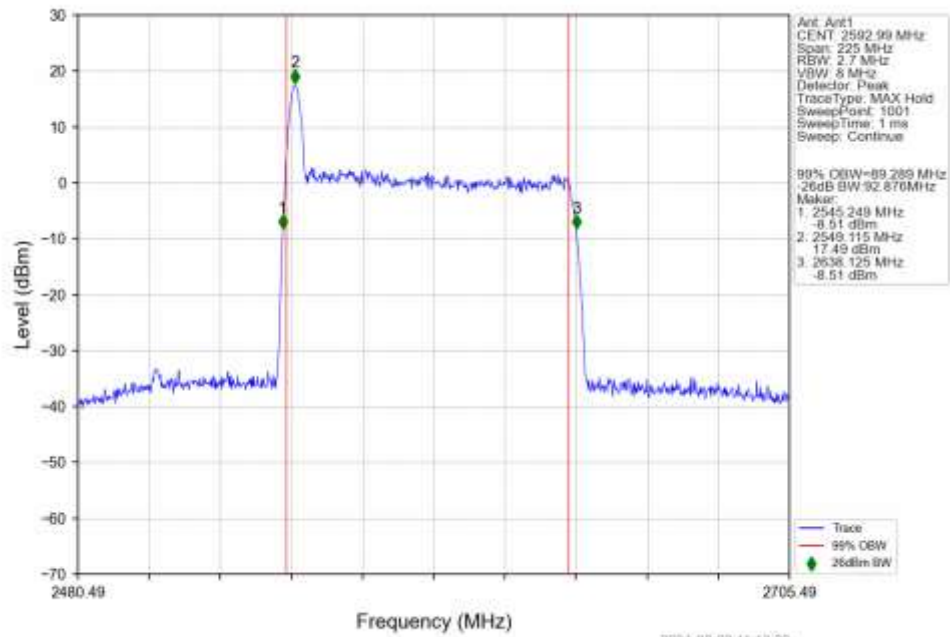
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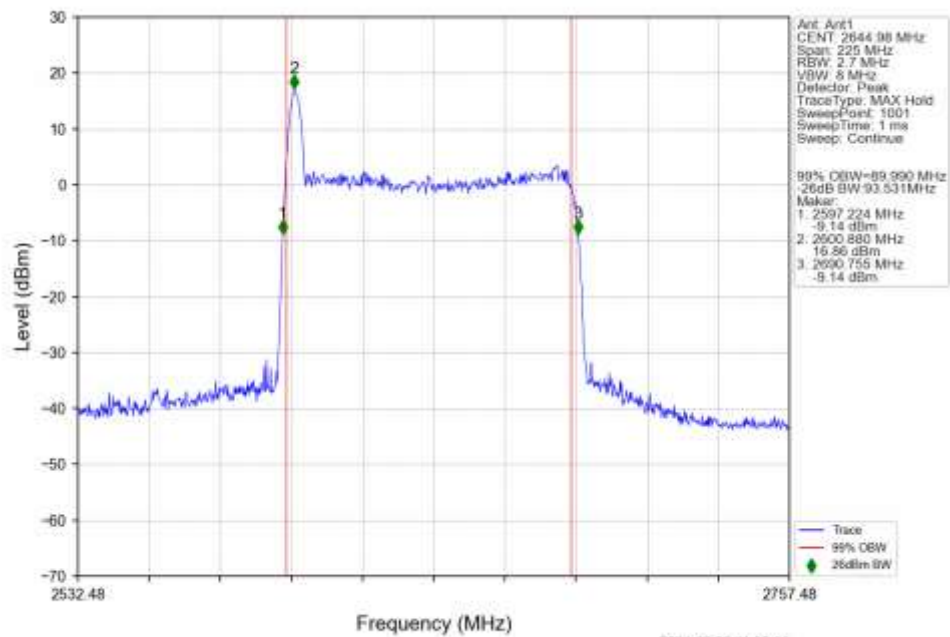
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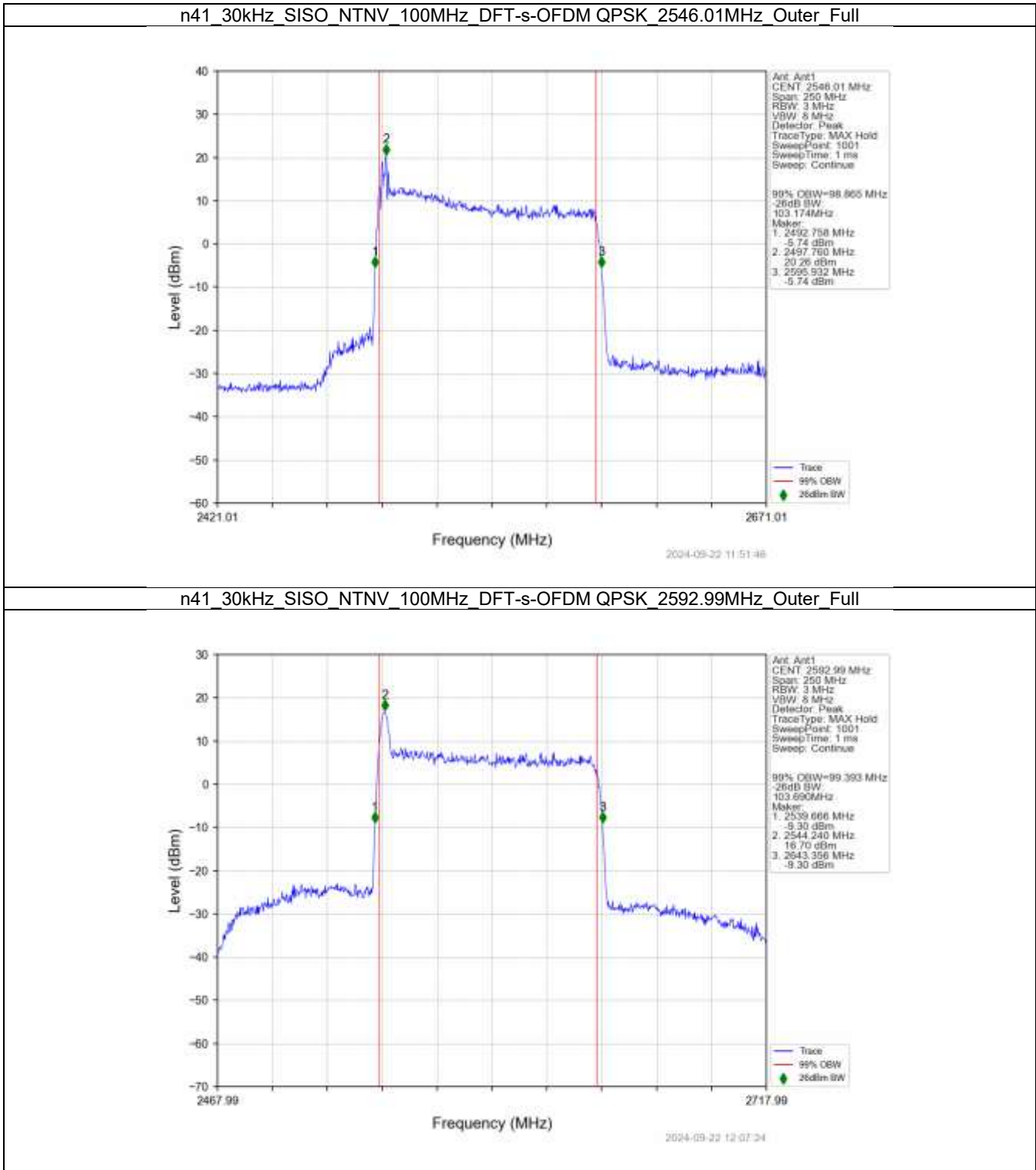
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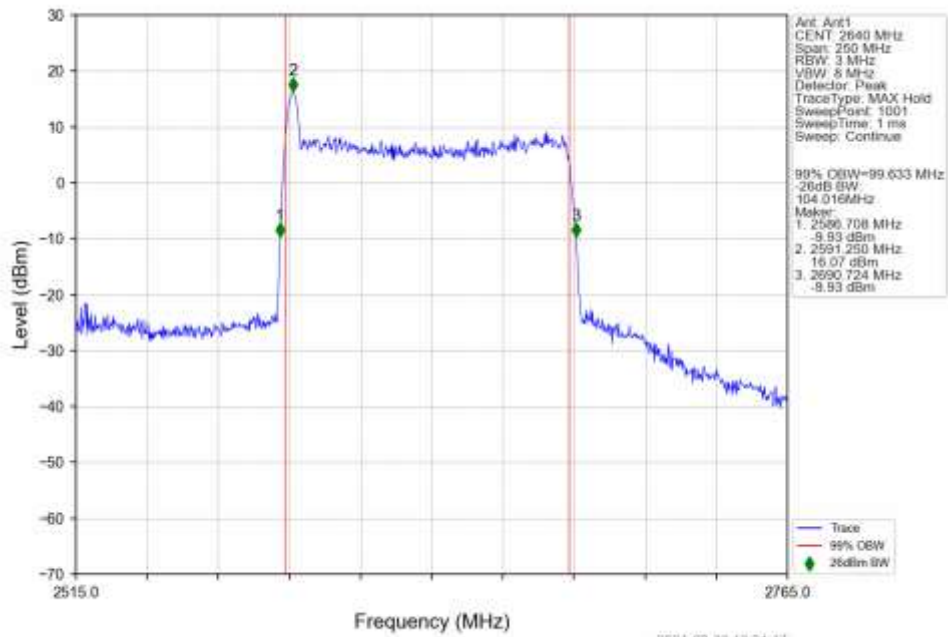
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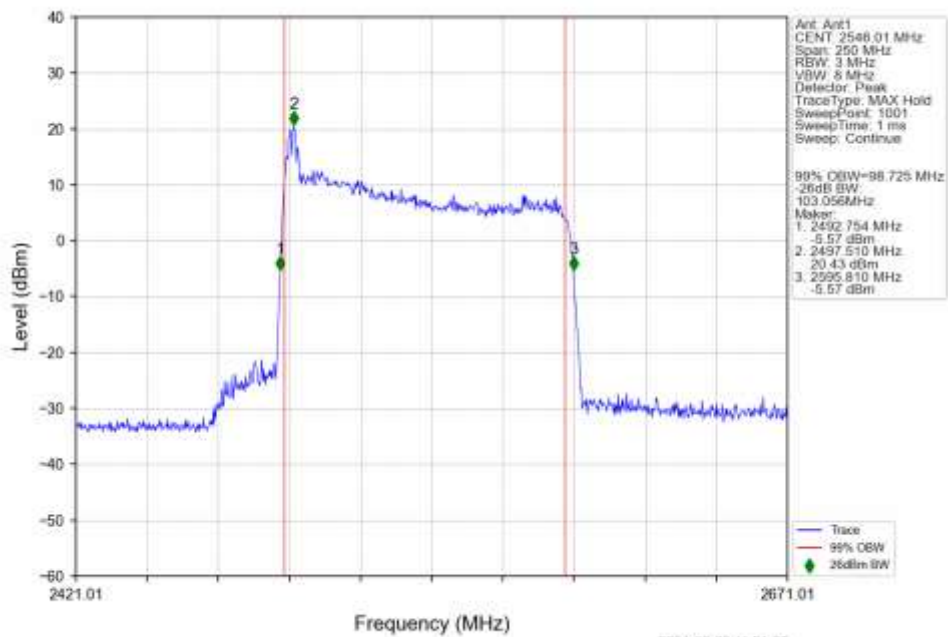
4.2.14 30k_SISO_100MHz_NTNV



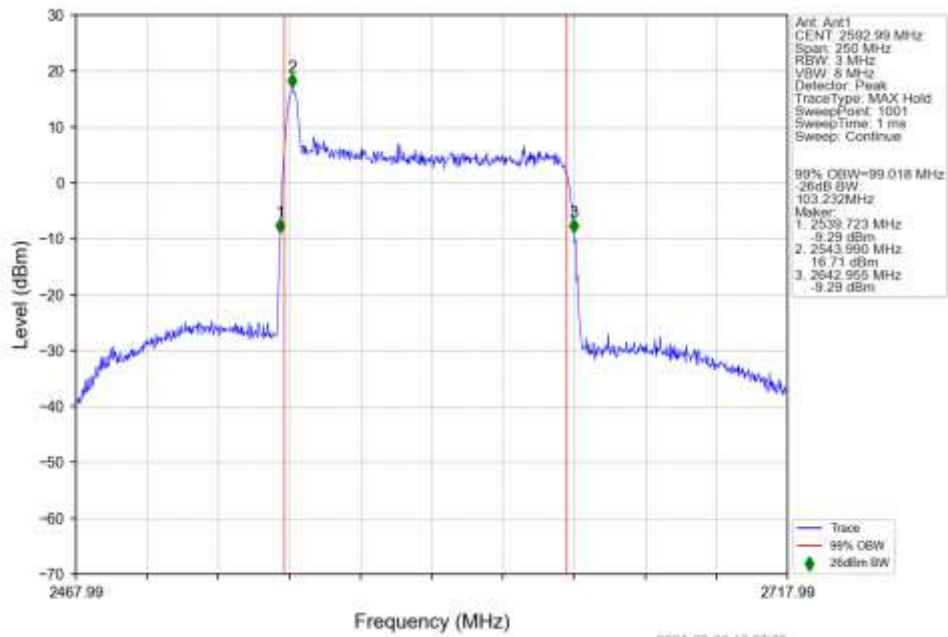
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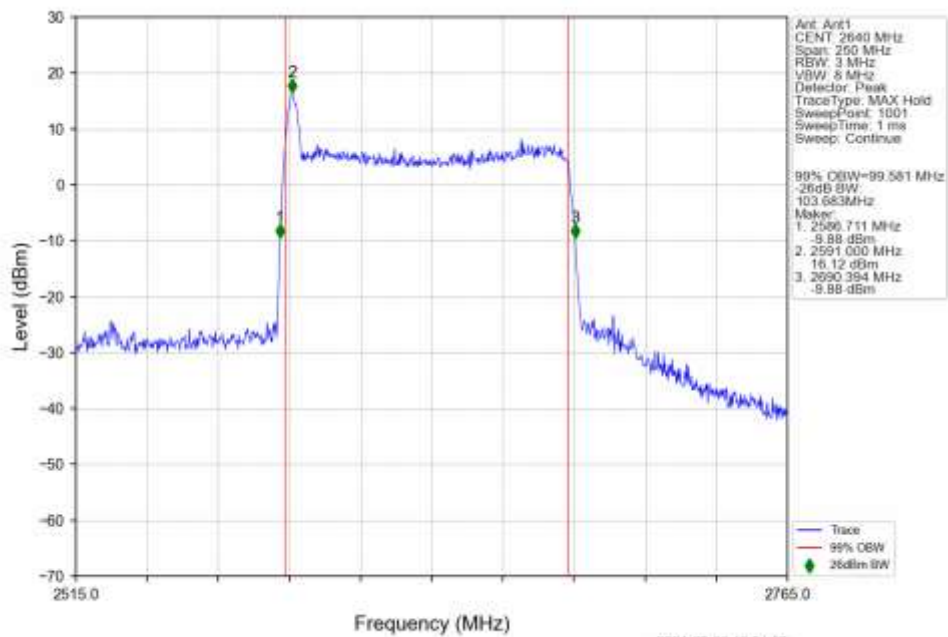
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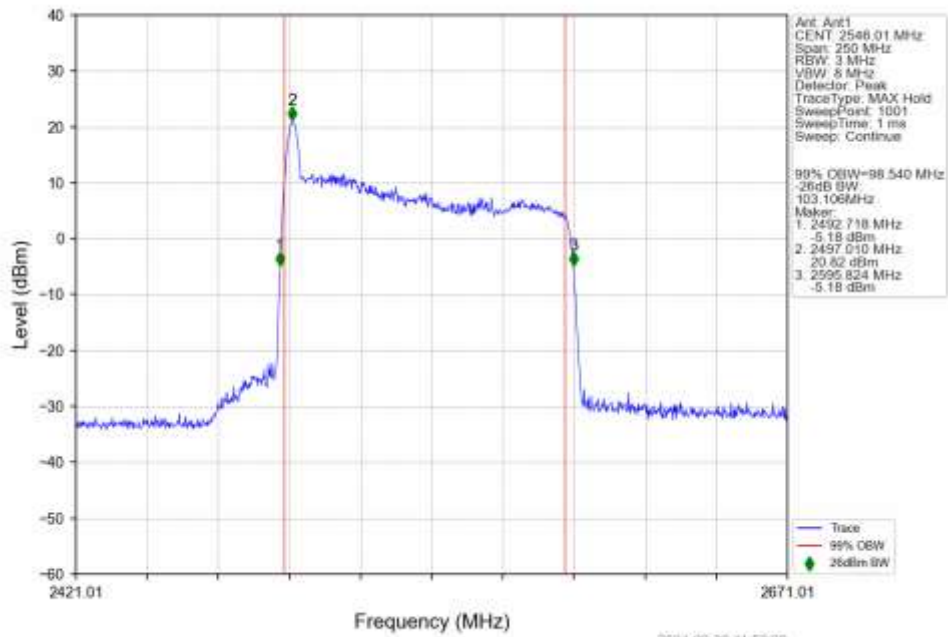
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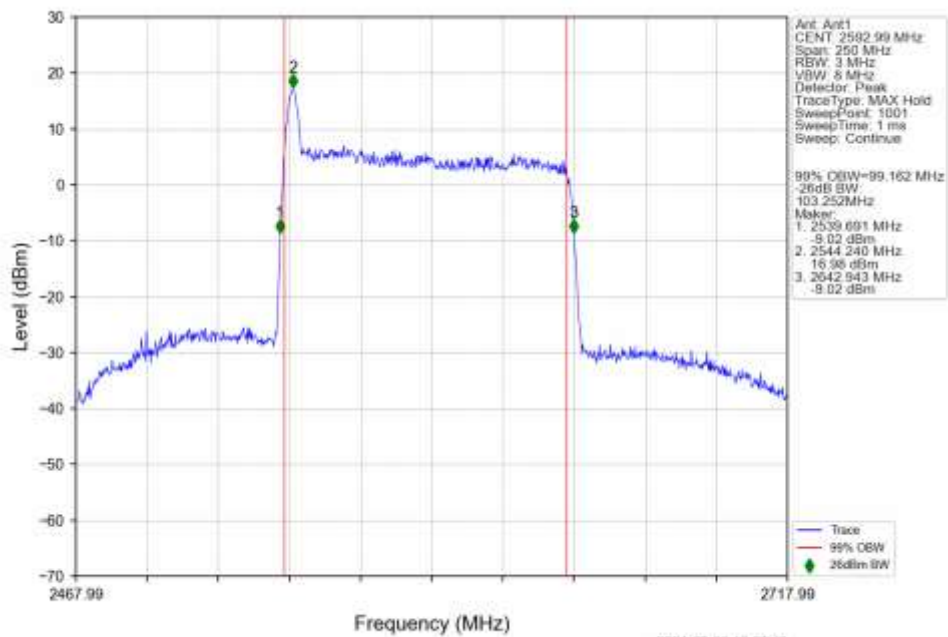
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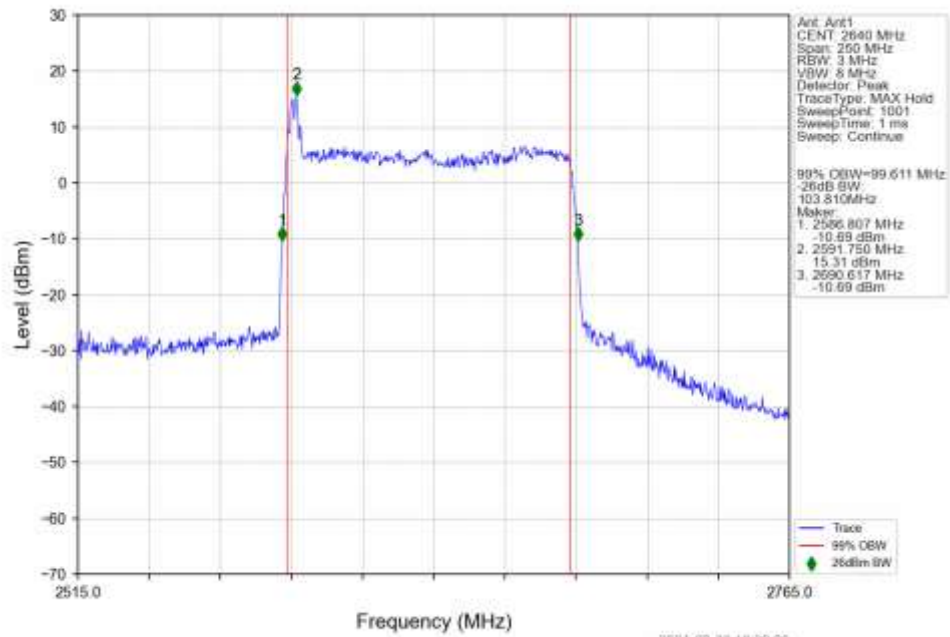
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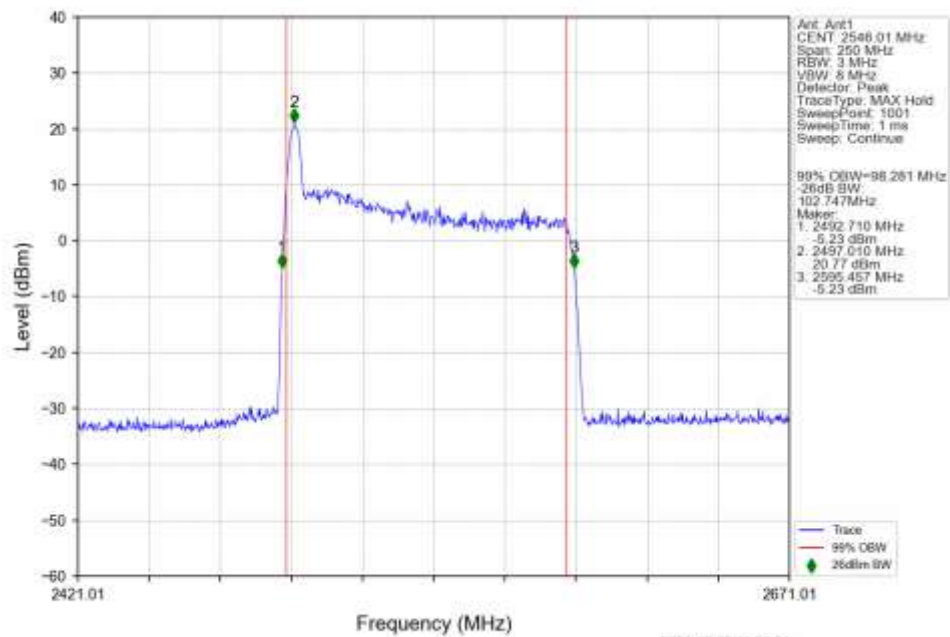
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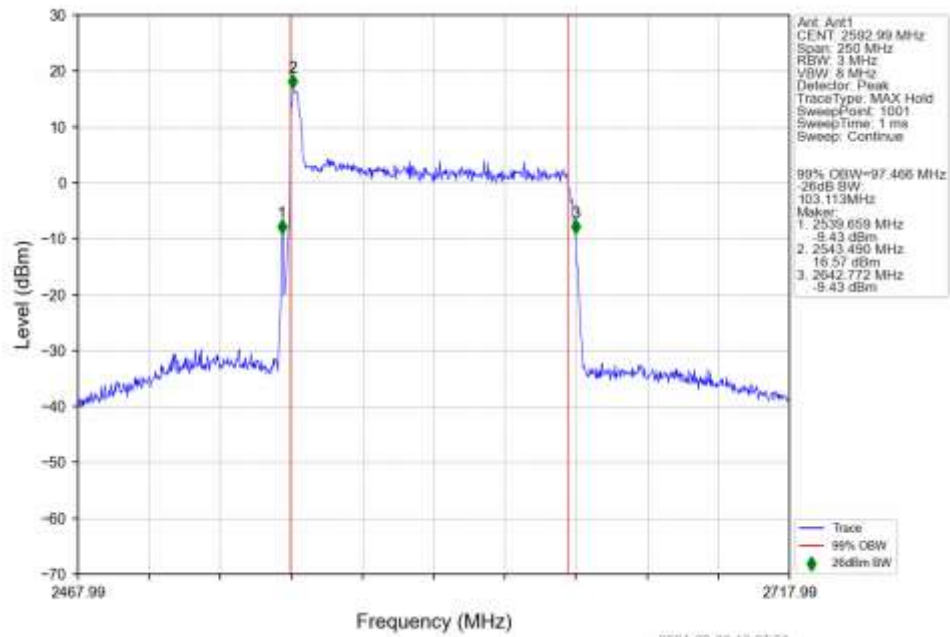
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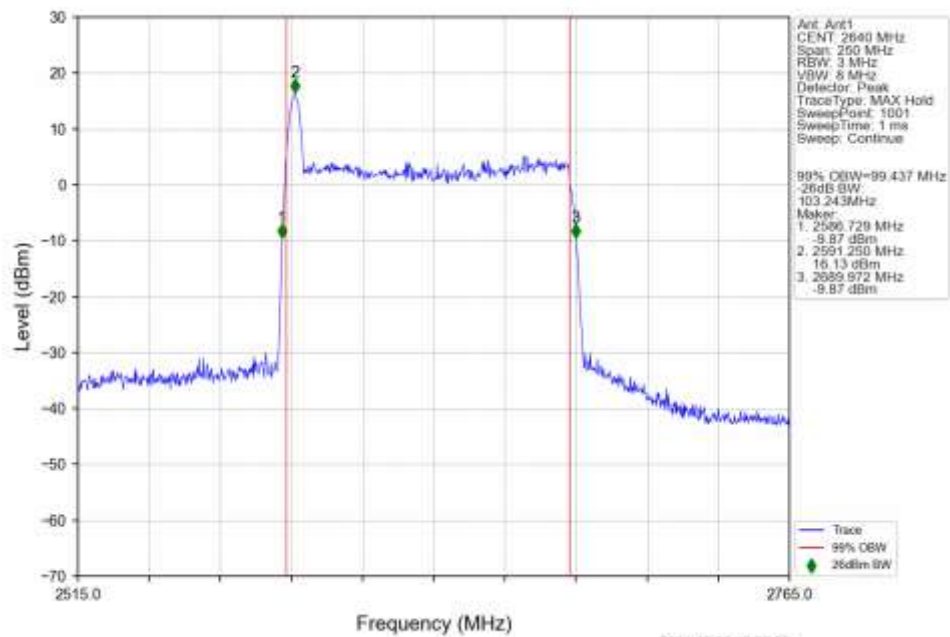
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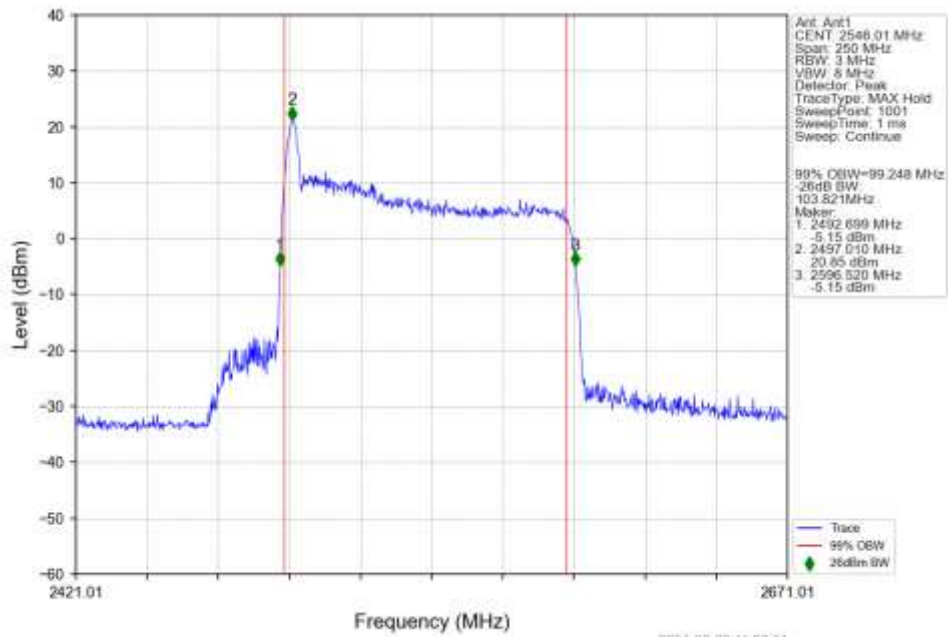
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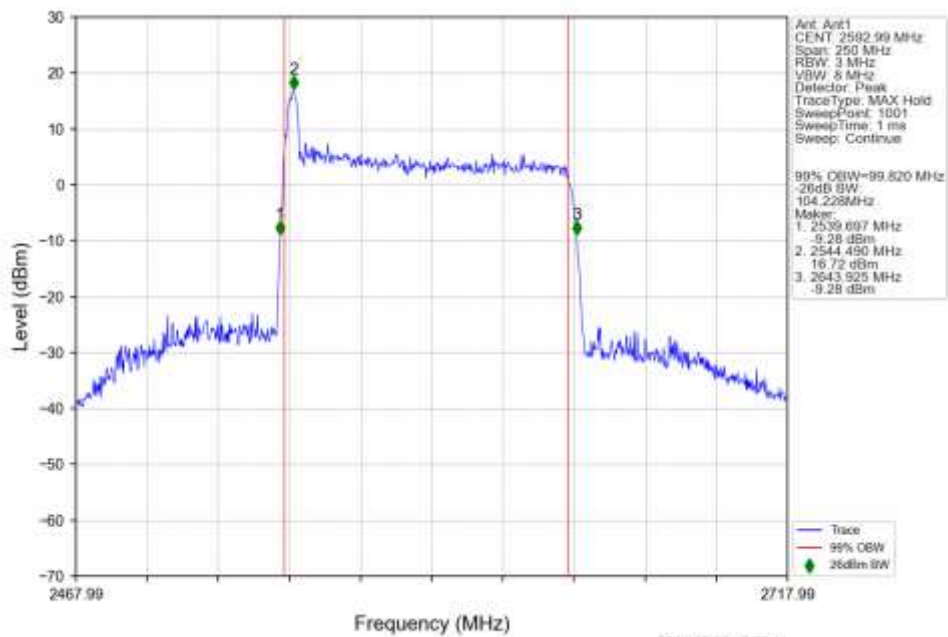
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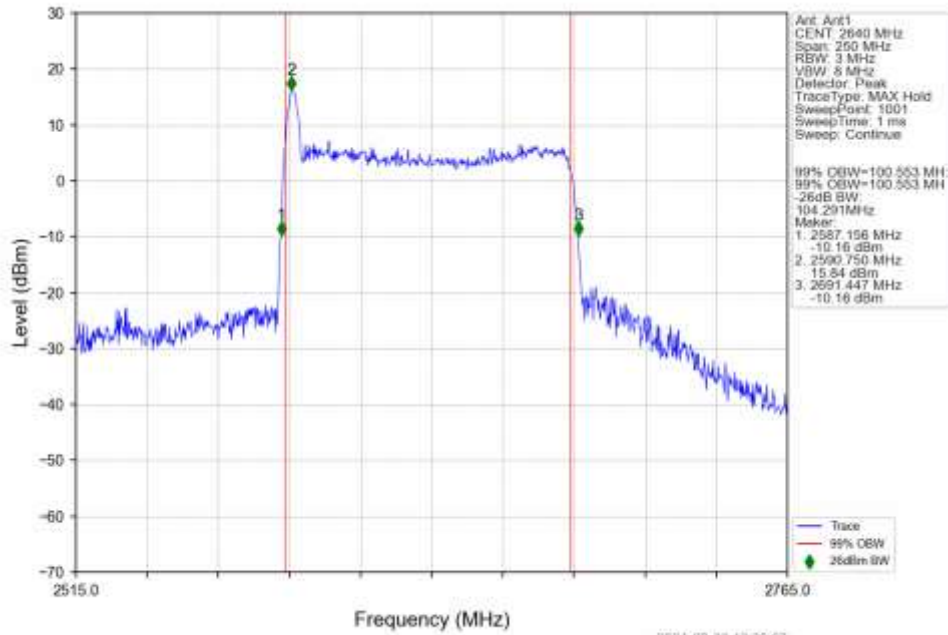
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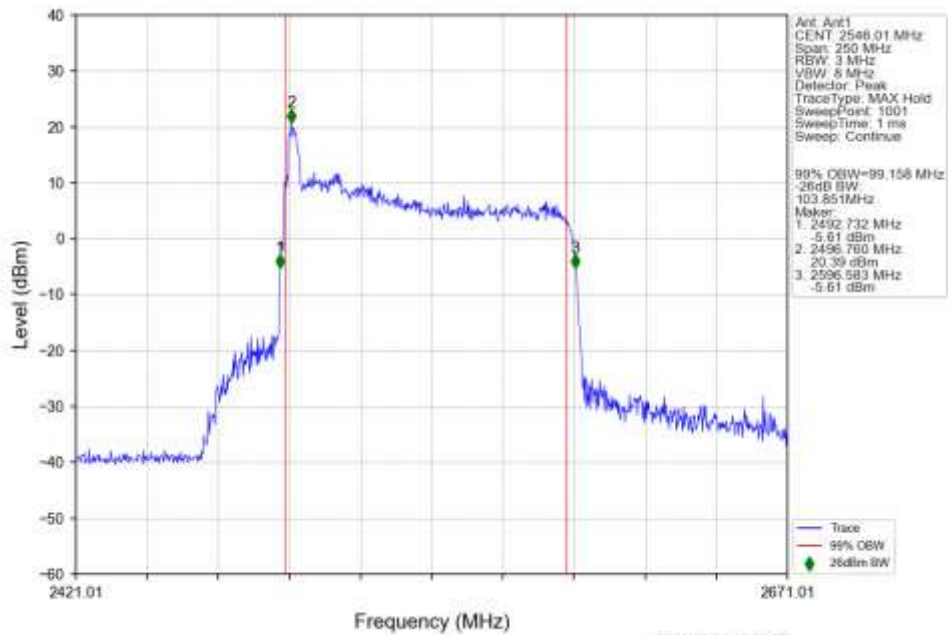
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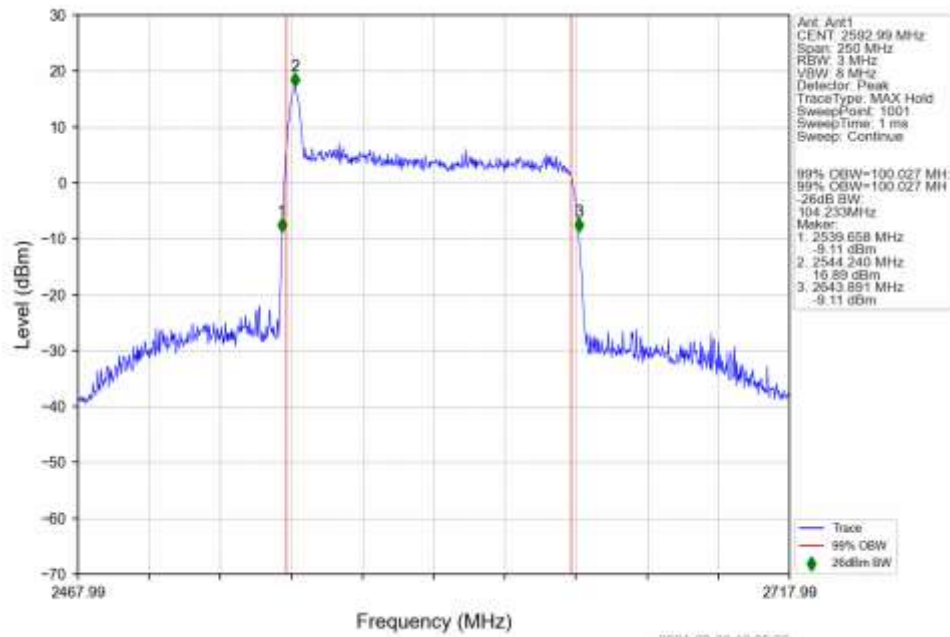
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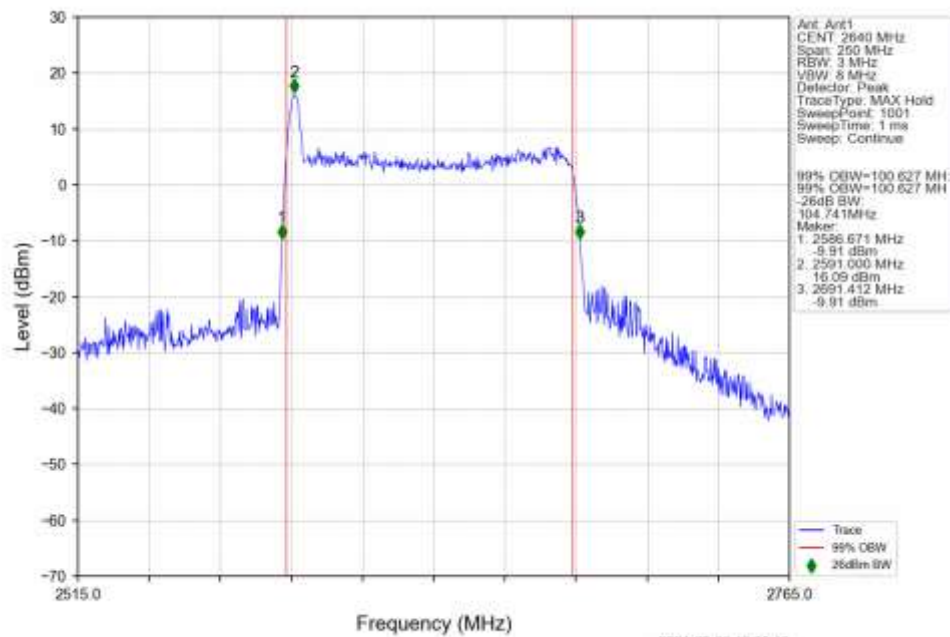
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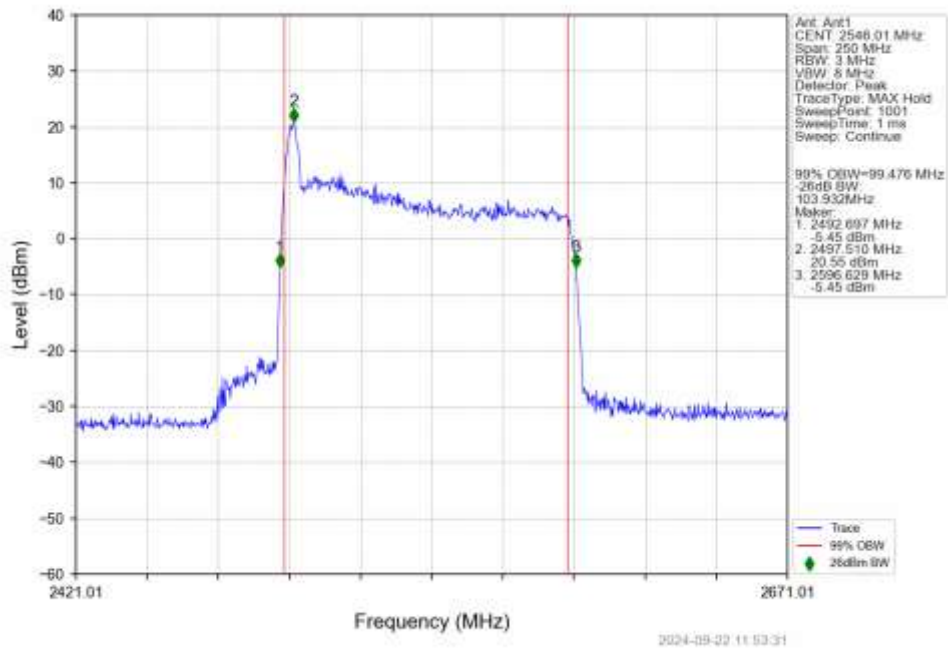
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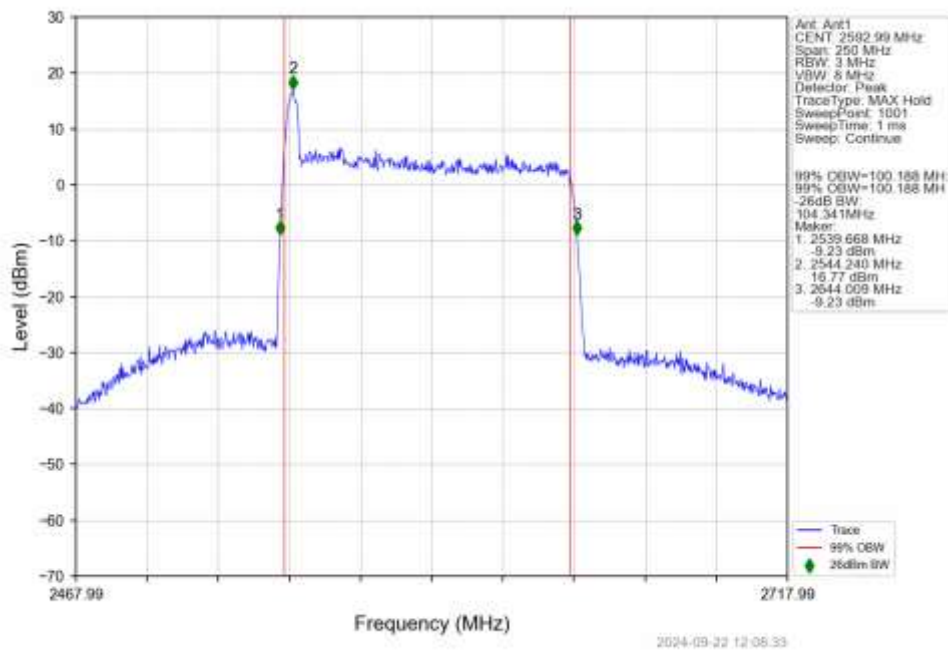
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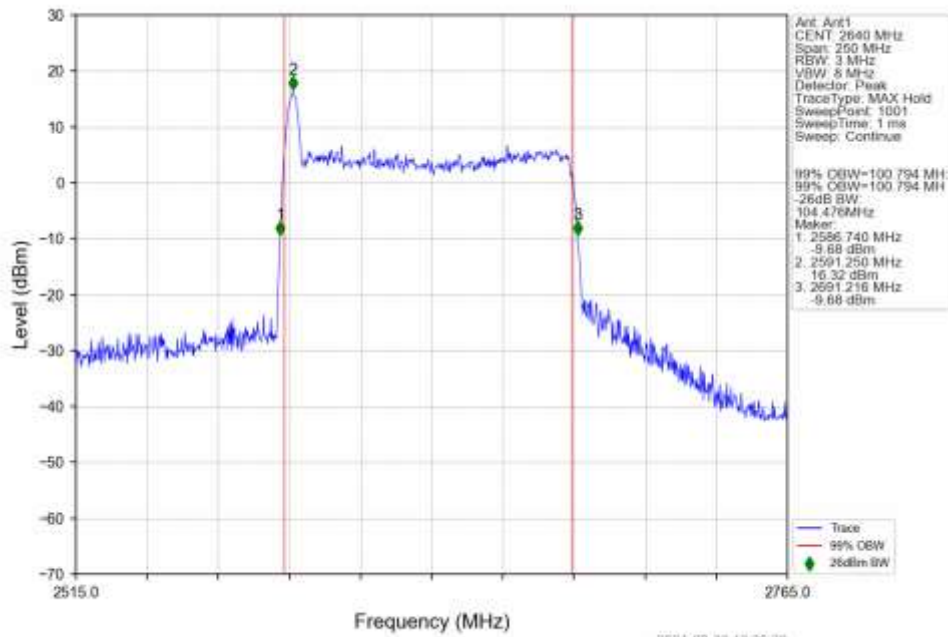
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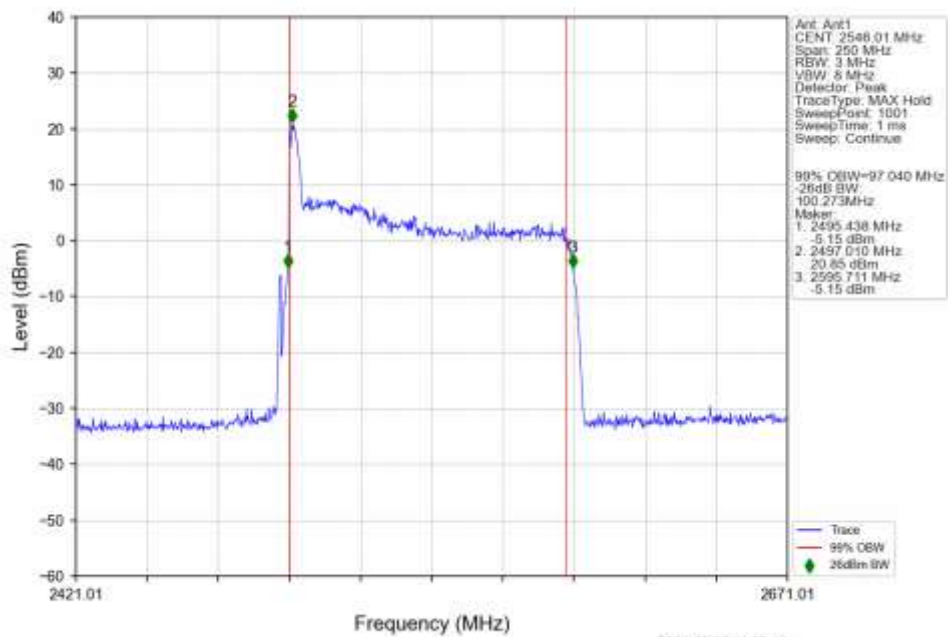
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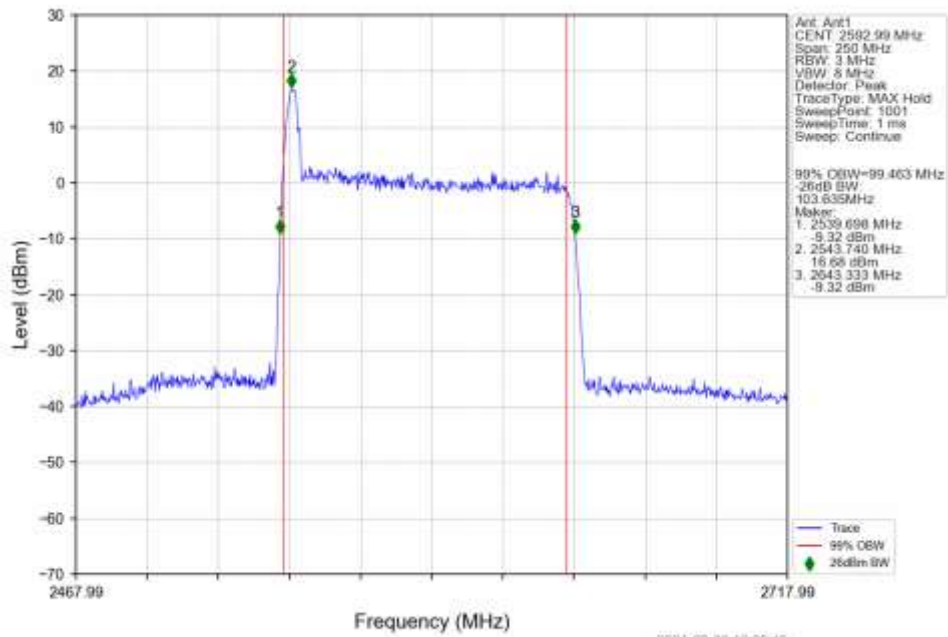
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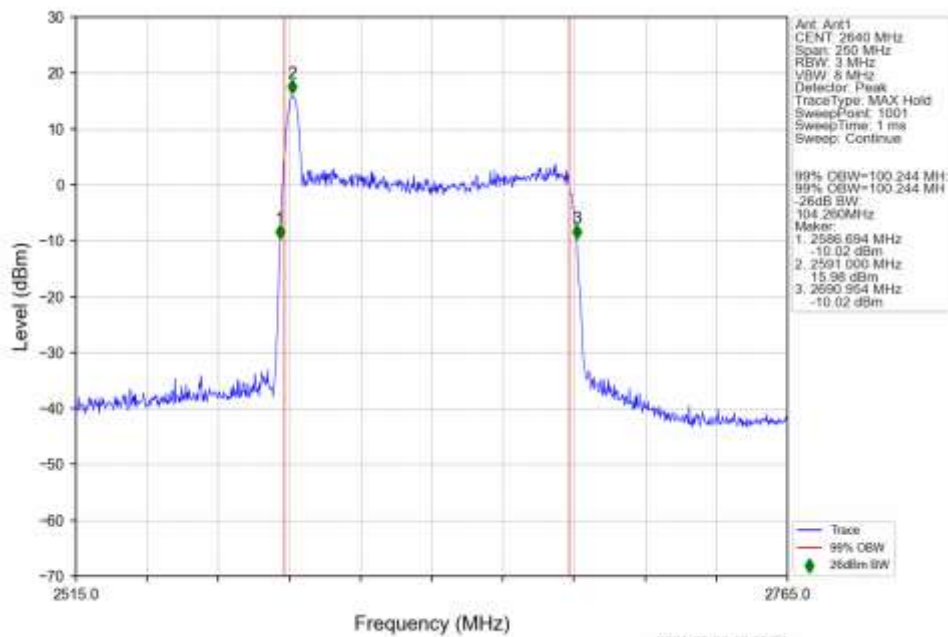
n41 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 2546.01MHz Outer Full



n41 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 2592.99MHz Outer Full



n41 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 2640MHz Outer Full



5. Peak-Average Ratio

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n41 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2501.01	Outer Full	5.70	/	/	<=13	Pass
	2592.99	Outer Full	5.48	/	/	<=13	Pass
	2685	Outer Full	5.79	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2501.01	Outer Full	6.31	/	/	<=13	Pass
	2592.99	Outer Full	5.86	/	/	<=13	Pass
	2685	Outer Full	6.20	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2501.01	Outer Full	6.40	/	/	<=13	Pass
	2592.99	Outer Full	5.91	/	/	<=13	Pass
	2685	Outer Full	6.28	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2501.01	Outer Full	6.72	/	/	<=13	Pass
	2592.99	Outer Full	6.36	/	/	<=13	Pass
	2685	Outer Full	6.56	/	/	<=13	Pass
CP-OFDM QPSK	2501.01	Outer Full	7.70	/	/	<=13	Pass
	2592.99	Outer Full	6.89	/	/	<=13	Pass
	2685	Outer Full	7.73	/	/	<=13	Pass
CP-OFDM 16 QAM	2501.01	Outer Full	7.57	/	/	<=13	Pass
	2592.99	Outer Full	6.79	/	/	<=13	Pass
	2685	Outer Full	7.56	/	/	<=13	Pass
CP-OFDM 64 QAM	2501.01	Outer Full	7.87	/	/	<=13	Pass
	2592.99	Outer Full	6.96	/	/	<=13	Pass
	2685	Outer Full	7.85	/	/	<=13	Pass
CP-OFDM 256 QAM	2501.01	Outer Full	8.10	/	/	<=13	Pass
	2592.99	Outer Full	7.60	/	/	<=13	Pass
	2685	Outer Full	8.00	/	/	<=13	Pass

5.1.2 30k_SISO_15MHz_NTNV

5G NR n41 SCS=30kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2503.5	Outer Full	5.79	/	/	<=13	Pass
	2592.99	Outer Full	5.37	/	/	<=13	Pass
	2682.48	Outer Full	5.68	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2503.5	Outer Full	6.18	/	/	<=13	Pass
	2592.99	Outer Full	5.69	/	/	<=13	Pass
	2682.48	Outer Full	6.01	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2503.5	Outer Full	6.21	/	/	<=13	Pass
	2592.99	Outer Full	5.71	/	/	<=13	Pass
	2682.48	Outer Full	6.05	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2503.5	Outer Full	6.39	/	/	<=13	Pass
	2592.99	Outer Full	6.02	/	/	<=13	Pass
	2682.48	Outer Full	6.25	/	/	<=13	Pass
CP-OFDM QPSK	2503.5	Outer Full	7.38	/	/	<=13	Pass
	2592.99	Outer Full	6.47	/	/	<=13	Pass
	2682.48	Outer Full	7.15	/	/	<=13	Pass

CP-OFDM 16 QAM	2503.5	Outer Full	7.54	/	/	<=13	Pass
	2592.99	Outer Full	6.52	/	/	<=13	Pass
	2682.48	Outer Full	7.22	/	/	<=13	Pass
CP-OFDM 64 QAM	2503.5	Outer Full	7.66	/	/	<=13	Pass
	2592.99	Outer Full	6.75	/	/	<=13	Pass
	2682.48	Outer Full	7.44	/	/	<=13	Pass
CP-OFDM 256 QAM	2503.5	Outer Full	8.08	/	/	<=13	Pass
	2592.99	Outer Full	7.56	/	/	<=13	Pass
	2682.48	Outer Full	7.87	/	/	<=13	Pass

5.1.3 30k_SISO_20MHz_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2506.02	Outer Full	5.73	/	/	<=13	Pass
	2592.99	Outer Full	5.40	/	/	<=13	Pass
	2679.99	Outer Full	5.58	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2506.02	Outer Full	6.40	/	/	<=13	Pass
	2592.99	Outer Full	5.87	/	/	<=13	Pass
	2679.99	Outer Full	6.20	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2506.02	Outer Full	6.39	/	/	<=13	Pass
	2592.99	Outer Full	5.81	/	/	<=13	Pass
	2679.99	Outer Full	6.14	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2506.02	Outer Full	6.42	/	/	<=13	Pass
	2592.99	Outer Full	6.10	/	/	<=13	Pass
	2679.99	Outer Full	6.23	/	/	<=13	Pass
CP-OFDM QPSK	2506.02	Outer Full	7.67	/	/	<=13	Pass
	2592.99	Outer Full	6.78	/	/	<=13	Pass
	2679.99	Outer Full	7.35	/	/	<=13	Pass
CP-OFDM 16 QAM	2506.02	Outer Full	7.74	/	/	<=13	Pass
	2592.99	Outer Full	6.73	/	/	<=13	Pass
	2679.99	Outer Full	7.38	/	/	<=13	Pass
CP-OFDM 64 QAM	2506.02	Outer Full	7.74	/	/	<=13	Pass
	2592.99	Outer Full	6.89	/	/	<=13	Pass
	2679.99	Outer Full	7.45	/	/	<=13	Pass
CP-OFDM 256 QAM	2506.02	Outer Full	8.33	/	/	<=13	Pass
	2592.99	Outer Full	7.71	/	/	<=13	Pass
	2679.99	Outer Full	8.04	/	/	<=13	Pass

5.1.4 30k_SISO_30MHz_NTNV

5G NR n41 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2511	Outer Full	5.83	/	/	<=13	Pass
	2592.99	Outer Full	5.59	/	/	<=13	Pass
	2674.98	Outer Full	5.69	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2511	Outer Full	6.42	/	/	<=13	Pass
	2592.99	Outer Full	6.00	/	/	<=13	Pass
	2674.98	Outer Full	6.16	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2511	Outer Full	6.54	/	/	<=13	Pass
	2592.99	Outer Full	6.17	/	/	<=13	Pass
	2674.98	Outer Full	6.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2511	Outer Full	6.65	/	/	<=13	Pass
	2592.99	Outer Full	6.37	/	/	<=13	Pass

	2674.98	Outer Full	6.50	/	/	<=13	Pass
CP-OFDM QPSK	2511	Outer Full	7.89	/	/	<=13	Pass
	2592.99	Outer Full	7.30	/	/	<=13	Pass
	2674.98	Outer Full	7.54	/	/	<=13	Pass
	2511	Outer Full	8.01	/	/	<=13	Pass
CP-OFDM 16 QAM	2592.99	Outer Full	7.37	/	/	<=13	Pass
	2674.98	Outer Full	7.67	/	/	<=13	Pass
	2511	Outer Full	8.12	/	/	<=13	Pass
CP-OFDM 64 QAM	2592.99	Outer Full	7.51	/	/	<=13	Pass
	2674.98	Outer Full	7.76	/	/	<=13	Pass
	2511	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 256 QAM	2592.99	Outer Full	7.77	/	/	<=13	Pass
	2674.98	Outer Full	7.88	/	/	<=13	Pass

5.1.5 30k_SISO_40MHz_NTNV

5G NR n41 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2516.01	Outer Full	6.54	/	/	<=13	Pass
	2592.99	Outer Full	6.53	/	/	<=13	Pass
	2670	Outer Full	6.50	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer Full	7.15	/	/	<=13	Pass
	2592.99	Outer Full	7.06	/	/	<=13	Pass
	2670	Outer Full	7.08	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer Full	7.41	/	/	<=13	Pass
	2592.99	Outer Full	7.29	/	/	<=13	Pass
	2670	Outer Full	7.33	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer Full	7.45	/	/	<=13	Pass
	2592.99	Outer Full	7.38	/	/	<=13	Pass
	2670	Outer Full	7.38	/	/	<=13	Pass
CP-OFDM QPSK	2516.01	Outer Full	8.37	/	/	<=13	Pass
	2592.99	Outer Full	8.01	/	/	<=13	Pass
	2670	Outer Full	8.11	/	/	<=13	Pass
CP-OFDM 16 QAM	2516.01	Outer Full	8.50	/	/	<=13	Pass
	2592.99	Outer Full	8.20	/	/	<=13	Pass
	2670	Outer Full	8.25	/	/	<=13	Pass
CP-OFDM 64 QAM	2516.01	Outer Full	8.39	/	/	<=13	Pass
	2592.99	Outer Full	8.06	/	/	<=13	Pass
	2670	Outer Full	8.17	/	/	<=13	Pass
CP-OFDM 256 QAM	2516.01	Outer Full	8.60	/	/	<=13	Pass
	2592.99	Outer Full	8.36	/	/	<=13	Pass
	2670	Outer Full	8.46	/	/	<=13	Pass

5.1.6 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2521.02	Outer Full	7.08	/	/	<=13	Pass
	2592.99	Outer Full	7.13	/	/	<=13	Pass
	2664.99	Outer Full	7.10	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer Full	7.55	/	/	<=13	Pass
	2592.99	Outer Full	7.54	/	/	<=13	Pass
	2664.99	Outer Full	7.47	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2521.02	Outer Full	7.48	/	/	<=13	Pass

DFT-s-OFDM 256 QAM	2592.99	Outer Full	7.56	/	/	<=13	Pass
	2664.99	Outer Full	7.53	/	/	<=13	Pass
	2521.02	Outer Full	7.43	/	/	<=13	Pass
	2592.99	Outer Full	7.50	/	/	<=13	Pass
	2664.99	Outer Full	7.46	/	/	<=13	Pass
CP-OFDM QPSK	2521.02	Outer Full	8.50	/	/	<=13	Pass
	2592.99	Outer Full	8.25	/	/	<=13	Pass
	2664.99	Outer Full	8.12	/	/	<=13	Pass
CP-OFDM 16 QAM	2521.02	Outer Full	8.49	/	/	<=13	Pass
	2592.99	Outer Full	8.20	/	/	<=13	Pass
	2664.99	Outer Full	8.21	/	/	<=13	Pass
CP-OFDM 64 QAM	2521.02	Outer Full	8.43	/	/	<=13	Pass
	2592.99	Outer Full	8.24	/	/	<=13	Pass
	2664.99	Outer Full	8.37	/	/	<=13	Pass
CP-OFDM 256 QAM	2521.02	Outer Full	8.42	/	/	<=13	Pass
	2592.99	Outer Full	8.34	/	/	<=13	Pass
	2664.99	Outer Full	8.44	/	/	<=13	Pass

5.1.7 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2526	Outer Full	6.96	/	/	<=13	Pass
	2592.99	Outer Full	6.95	/	/	<=13	Pass
	2659.98	Outer Full	6.95	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2526	Outer Full	7.32	/	/	<=13	Pass
	2592.99	Outer Full	7.27	/	/	<=13	Pass
	2659.98	Outer Full	7.24	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2526	Outer Full	7.35	/	/	<=13	Pass
	2592.99	Outer Full	7.28	/	/	<=13	Pass
	2659.98	Outer Full	7.26	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2526	Outer Full	7.39	/	/	<=13	Pass
	2592.99	Outer Full	7.33	/	/	<=13	Pass
	2659.98	Outer Full	7.31	/	/	<=13	Pass
CP-OFDM QPSK	2526	Outer Full	8.33	/	/	<=13	Pass
	2592.99	Outer Full	8.05	/	/	<=13	Pass
	2659.98	Outer Full	7.99	/	/	<=13	Pass
CP-OFDM 16 QAM	2526	Outer Full	8.24	/	/	<=13	Pass
	2592.99	Outer Full	8.09	/	/	<=13	Pass
	2659.98	Outer Full	8.10	/	/	<=13	Pass
CP-OFDM 64 QAM	2526	Outer Full	8.34	/	/	<=13	Pass
	2592.99	Outer Full	8.11	/	/	<=13	Pass
	2659.98	Outer Full	8.13	/	/	<=13	Pass
CP-OFDM 256 QAM	2526	Outer Full	8.44	/	/	<=13	Pass
	2592.99	Outer Full	8.24	/	/	<=13	Pass
	2659.98	Outer Full	8.29	/	/	<=13	Pass

5.1.8 30k_SISO_70MHz_NTNV

5G NR n41 SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2531.01	Outer Full	7.10	/	/	<=13	Pass
	2592.99	Outer Full	7.08	/	/	<=13	Pass
	2655	Outer Full	7.02	/	/	<=13	Pass

DFT-s-OFDM 16 QAM	2531.01	Outer Full	7.58	/	/	<=13	Pass
	2592.99	Outer Full	7.55	/	/	<=13	Pass
	2655	Outer Full	7.47	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2531.01	Outer Full	7.46	/	/	<=13	Pass
	2592.99	Outer Full	7.41	/	/	<=13	Pass
	2655	Outer Full	7.36	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2531.01	Outer Full	7.56	/	/	<=13	Pass
	2592.99	Outer Full	7.48	/	/	<=13	Pass
	2655	Outer Full	7.45	/	/	<=13	Pass
CP-OFDM QPSK	2531.01	Outer Full	8.18	/	/	<=13	Pass
	2592.99	Outer Full	8.06	/	/	<=13	Pass
	2655	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 16 QAM	2531.01	Outer Full	8.30	/	/	<=13	Pass
	2592.99	Outer Full	8.06	/	/	<=13	Pass
	2655	Outer Full	8.10	/	/	<=13	Pass
CP-OFDM 64 QAM	2531.01	Outer Full	8.19	/	/	<=13	Pass
	2592.99	Outer Full	7.99	/	/	<=13	Pass
	2655	Outer Full	8.04	/	/	<=13	Pass
CP-OFDM 256 QAM	2531.01	Outer Full	8.29	/	/	<=13	Pass
	2592.99	Outer Full	8.12	/	/	<=13	Pass
	2655	Outer Full	8.18	/	/	<=13	Pass

5.1.9 30k_SISO_80MHz_NTNV

5G NR n41 SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2536.02	Outer Full	7.25	/	/	<=13	Pass
	2592.99	Outer Full	7.21	/	/	<=13	Pass
	2649.99	Outer Full	7.16	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2536.02	Outer Full	7.60	/	/	<=13	Pass
	2592.99	Outer Full	7.53	/	/	<=13	Pass
	2649.99	Outer Full	7.46	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer Full	7.63	/	/	<=13	Pass
	2592.99	Outer Full	7.56	/	/	<=13	Pass
	2649.99	Outer Full	7.56	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2536.02	Outer Full	7.55	/	/	<=13	Pass
	2592.99	Outer Full	7.52	/	/	<=13	Pass
	2649.99	Outer Full	7.48	/	/	<=13	Pass
CP-OFDM QPSK	2536.02	Outer Full	8.17	/	/	<=13	Pass
	2592.99	Outer Full	8.01	/	/	<=13	Pass
	2649.99	Outer Full	8.03	/	/	<=13	Pass
CP-OFDM 16 QAM	2536.02	Outer Full	8.28	/	/	<=13	Pass
	2592.99	Outer Full	8.05	/	/	<=13	Pass
	2649.99	Outer Full	8.09	/	/	<=13	Pass
CP-OFDM 64 QAM	2536.02	Outer Full	8.27	/	/	<=13	Pass
	2592.99	Outer Full	8.11	/	/	<=13	Pass
	2649.99	Outer Full	8.09	/	/	<=13	Pass
CP-OFDM 256 QAM	2536.02	Outer Full	8.24	/	/	<=13	Pass
	2592.99	Outer Full	8.09	/	/	<=13	Pass
	2649.99	Outer Full	8.11	/	/	<=13	Pass

5.1.10 30k_SISO_90MHz_NTNV

5G NR n41 SCS=30kHz SISO 90MHz NTN				
Modulation	Frequency	RB	Peak-Average Ratio (dB)	Verdict

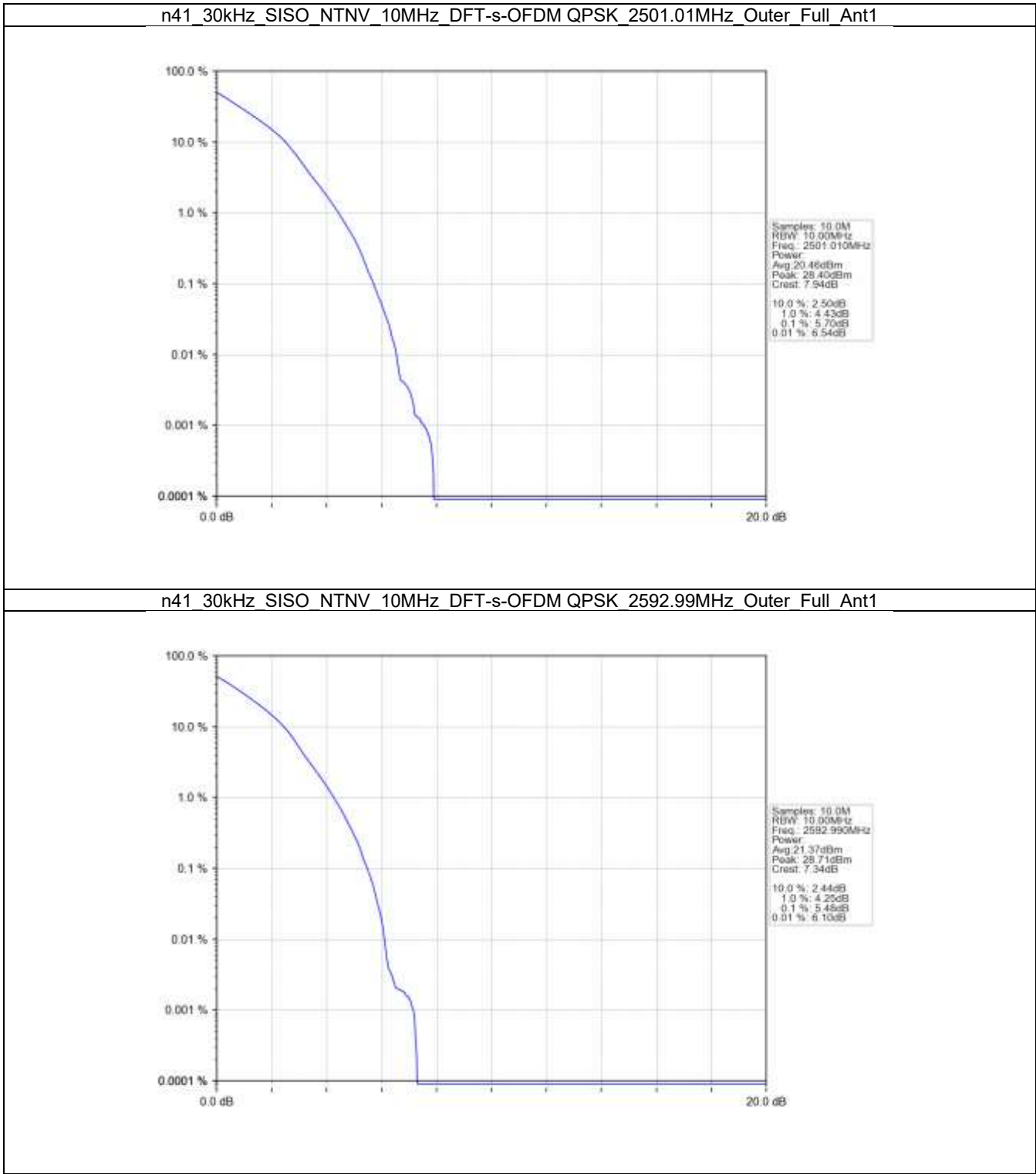
	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2541	Outer_Full	7.38	/	/	<=13	Pass
	2592.99	Outer_Full	7.34	/	/	<=13	Pass
	2644.98	Outer_Full	7.39	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2541	Outer_Full	7.63	/	/	<=13	Pass
	2592.99	Outer_Full	7.55	/	/	<=13	Pass
	2644.98	Outer_Full	7.53	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2541	Outer_Full	7.73	/	/	<=13	Pass
	2592.99	Outer_Full	7.64	/	/	<=13	Pass
	2644.98	Outer_Full	7.60	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2541	Outer_Full	7.74	/	/	<=13	Pass
	2592.99	Outer_Full	7.72	/	/	<=13	Pass
	2644.98	Outer_Full	7.66	/	/	<=13	Pass
CP-OFDM QPSK	2541	Outer_Full	8.13	/	/	<=13	Pass
	2592.99	Outer_Full	8.00	/	/	<=13	Pass
	2644.98	Outer_Full	7.99	/	/	<=13	Pass
CP-OFDM 16 QAM	2541	Outer_Full	8.18	/	/	<=13	Pass
	2592.99	Outer_Full	7.99	/	/	<=13	Pass
	2644.98	Outer_Full	8.05	/	/	<=13	Pass
CP-OFDM 64 QAM	2541	Outer_Full	8.24	/	/	<=13	Pass
	2592.99	Outer_Full	8.08	/	/	<=13	Pass
	2644.98	Outer_Full	8.10	/	/	<=13	Pass
CP-OFDM 256 QAM	2541	Outer_Full	8.26	/	/	<=13	Pass
	2592.99	Outer_Full	8.18	/	/	<=13	Pass
	2644.98	Outer_Full	8.15	/	/	<=13	Pass

5.1.11 30k_SISO_100MHz_NTNV

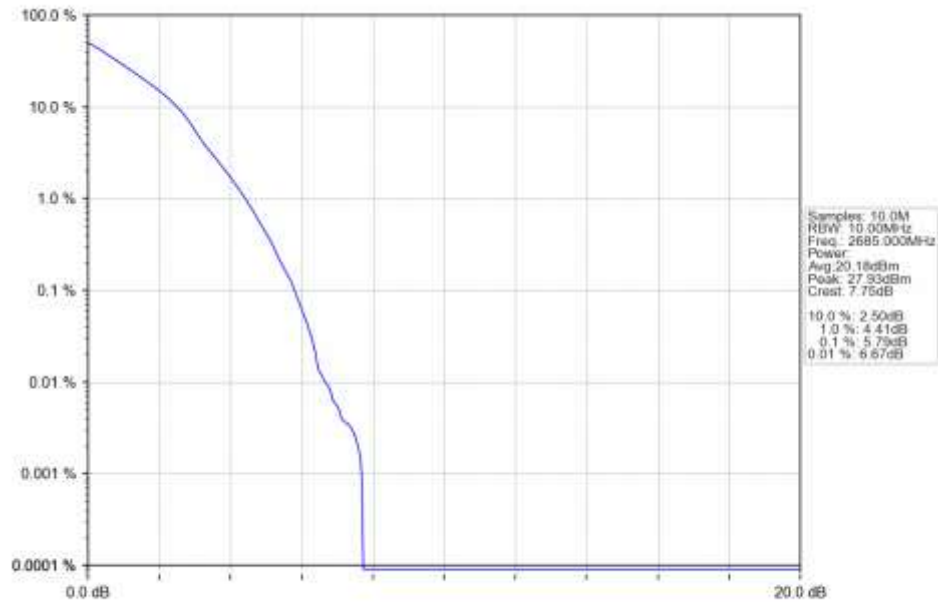
5G NR n41 SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2546.01	Outer_Full	7.54	/	/	<=13	Pass
	2592.99	Outer_Full	7.50	/	/	<=13	Pass
	2640	Outer_Full	7.41	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2546.01	Outer_Full	7.67	/	/	<=13	Pass
	2592.99	Outer_Full	7.65	/	/	<=13	Pass
	2640	Outer_Full	7.58	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2546.01	Outer_Full	7.72	/	/	<=13	Pass
	2592.99	Outer_Full	7.65	/	/	<=13	Pass
	2640	Outer_Full	7.67	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2546.01	Outer_Full	7.95	/	/	<=13	Pass
	2592.99	Outer_Full	7.91	/	/	<=13	Pass
	2640	Outer_Full	7.88	/	/	<=13	Pass
CP-OFDM QPSK	2546.01	Outer_Full	8.43	/	/	<=13	Pass
	2592.99	Outer_Full	8.25	/	/	<=13	Pass
	2640	Outer_Full	8.17	/	/	<=13	Pass
CP-OFDM 16 QAM	2546.01	Outer_Full	8.50	/	/	<=13	Pass
	2592.99	Outer_Full	8.33	/	/	<=13	Pass
	2640	Outer_Full	8.47	/	/	<=13	Pass
CP-OFDM 64 QAM	2546.01	Outer_Full	8.25	/	/	<=13	Pass
	2592.99	Outer_Full	8.16	/	/	<=13	Pass
	2640	Outer_Full	8.14	/	/	<=13	Pass
CP-OFDM 256 QAM	2546.01	Outer_Full	8.10	/	/	<=13	Pass
	2592.99	Outer_Full	8.07	/	/	<=13	Pass
	2640	Outer_Full	8.04	/	/	<=13	Pass

5.2 Test Graph

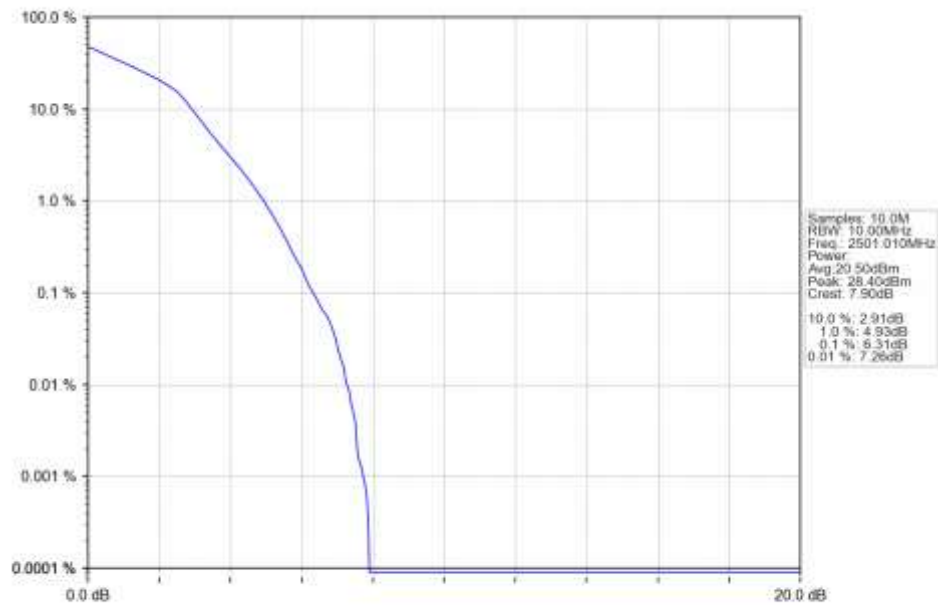
5.2.1 30k_SISO_10MHz_NTNV



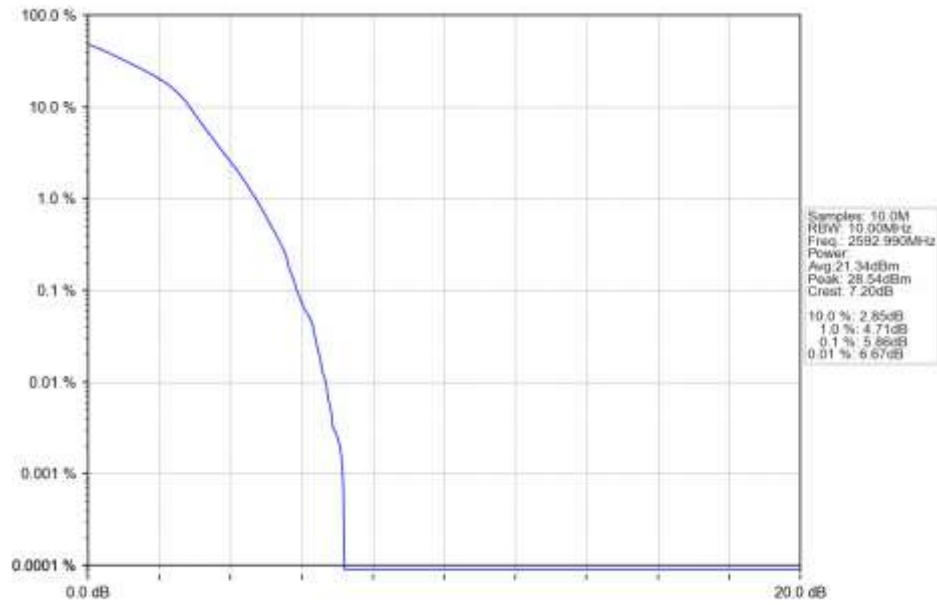
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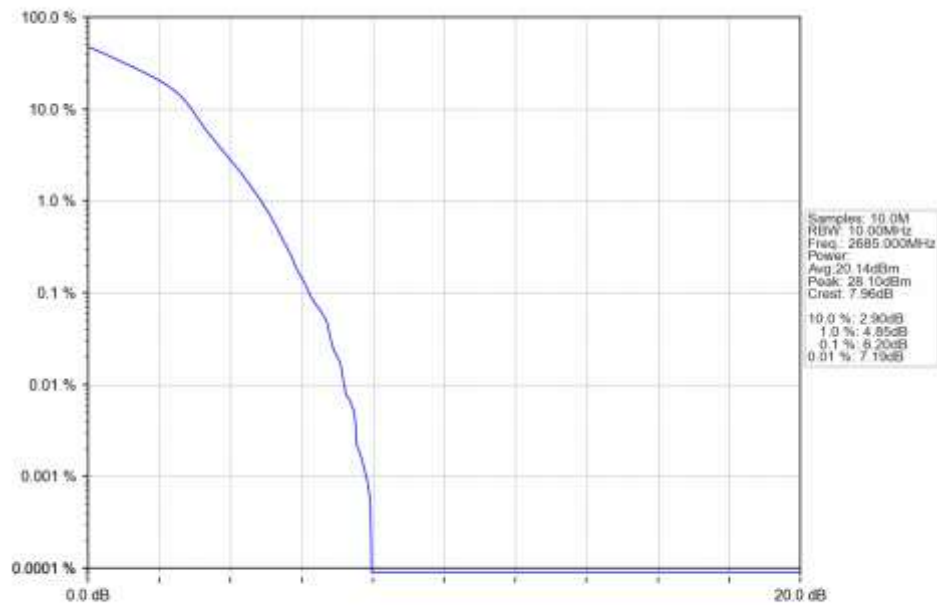
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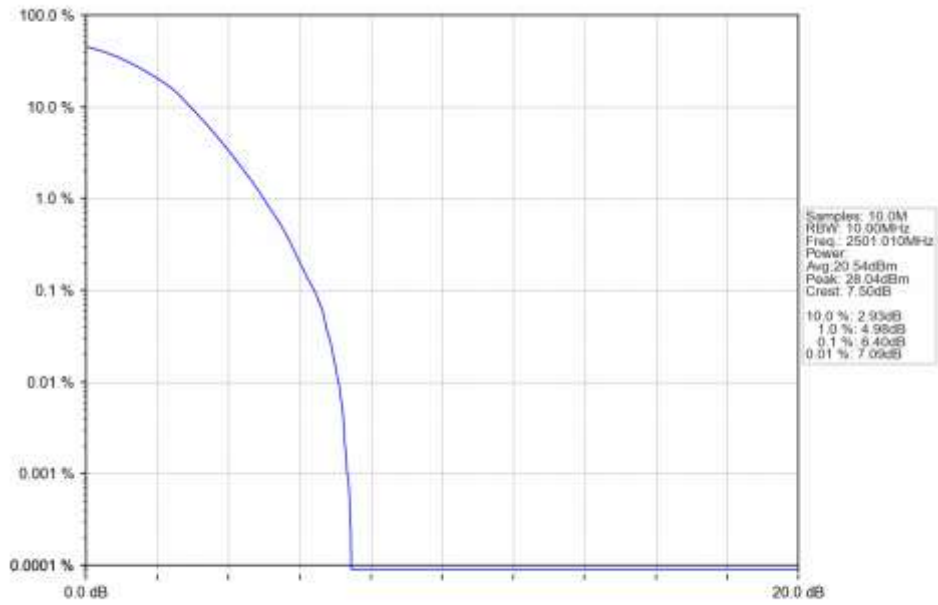
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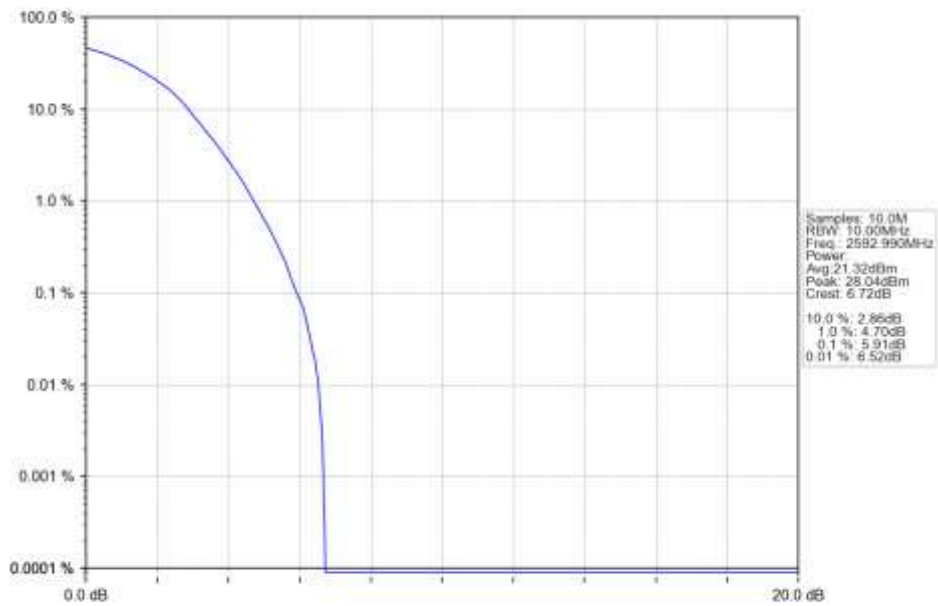
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2685MHz_Outer_Full_Ant1



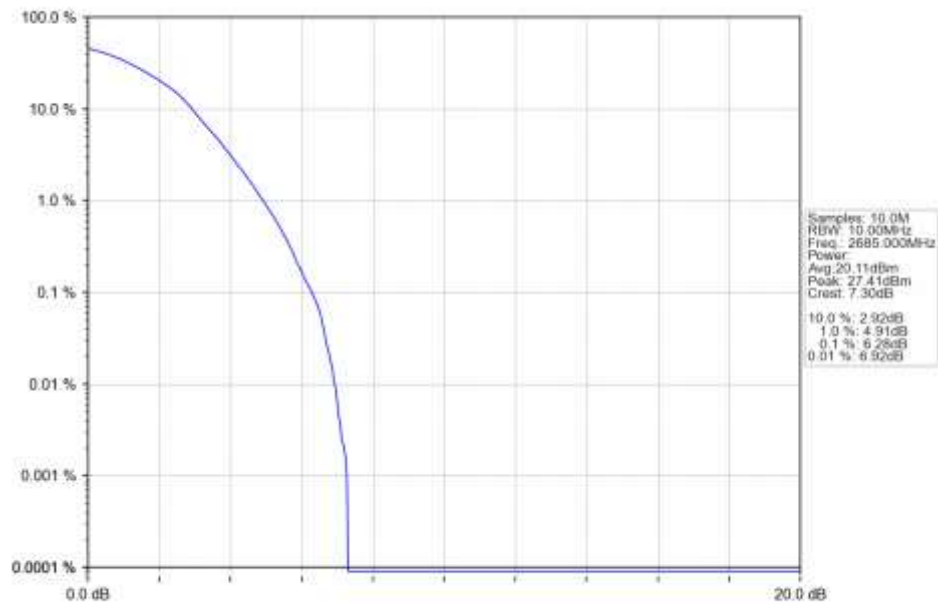
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2501.01MHz_Outer_Full_Ant1



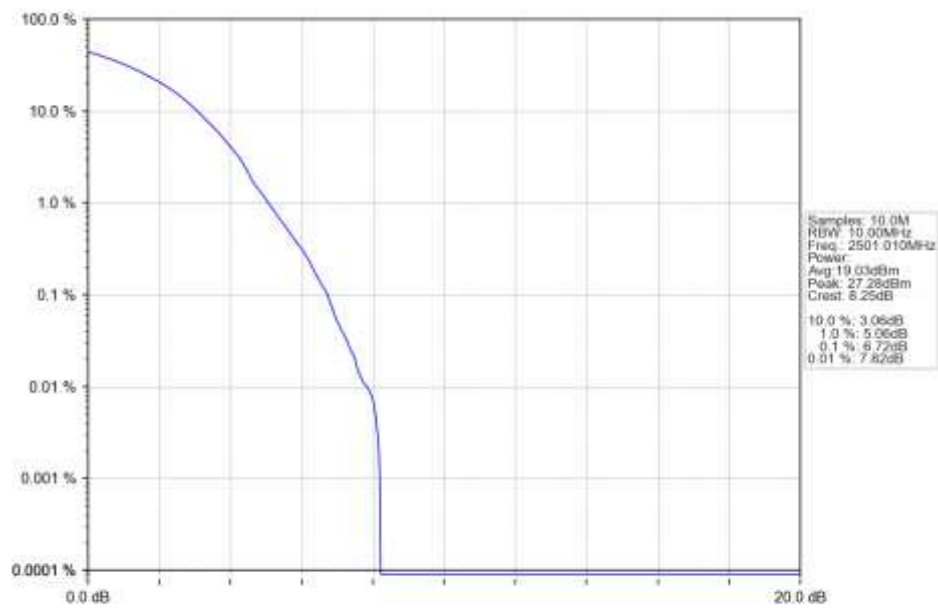
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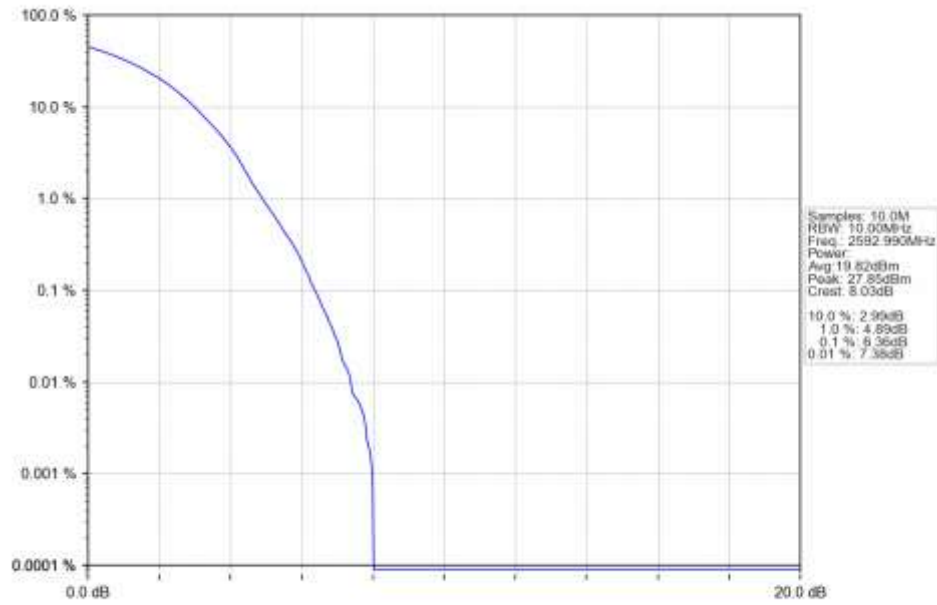
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2685MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2501.01MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2685MHz_Outer_Full_Ant1

