

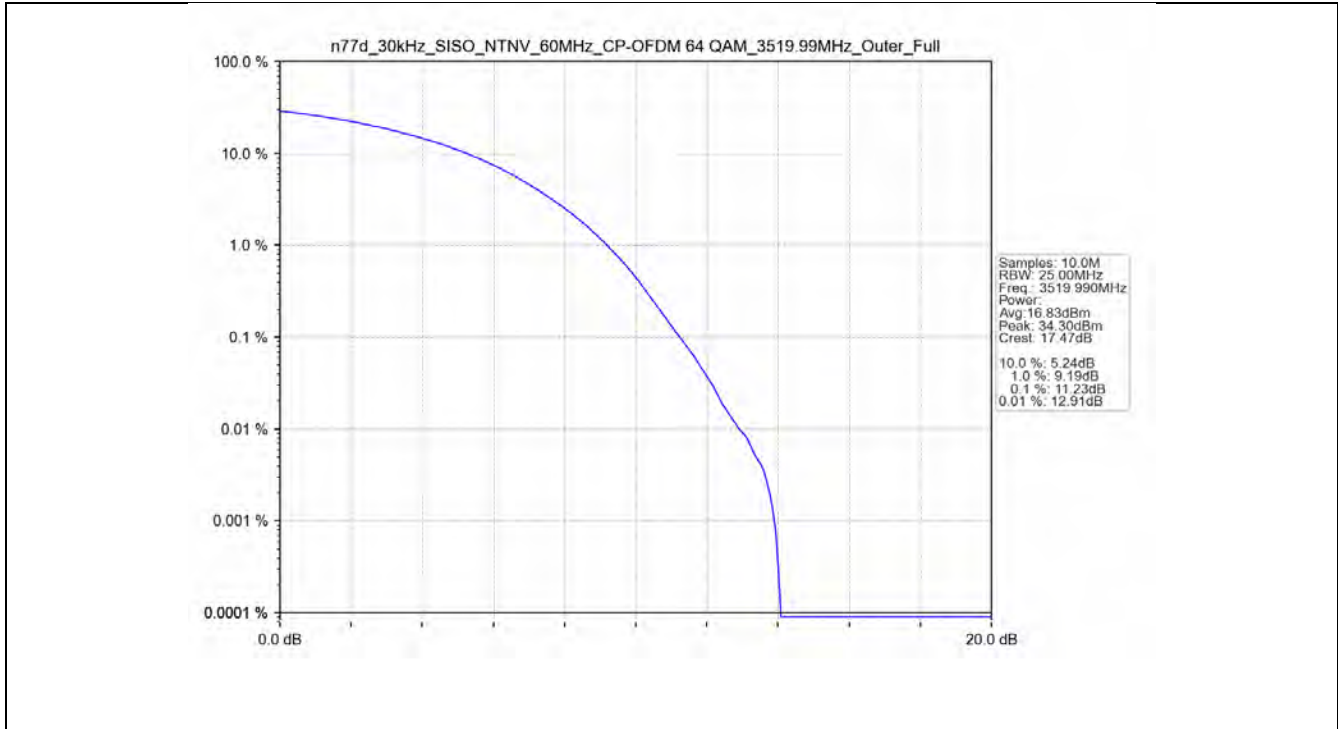


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Report No.: SZCR240100038409

Rev.: 01

Page: 325 of 973



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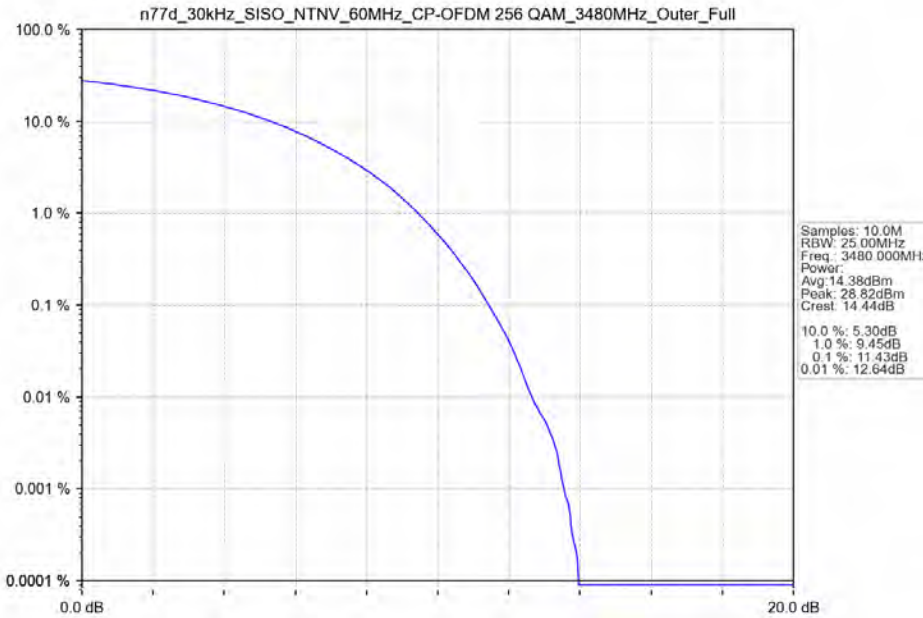
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Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 326 of 973

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3480MHz_Outer_Full



n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



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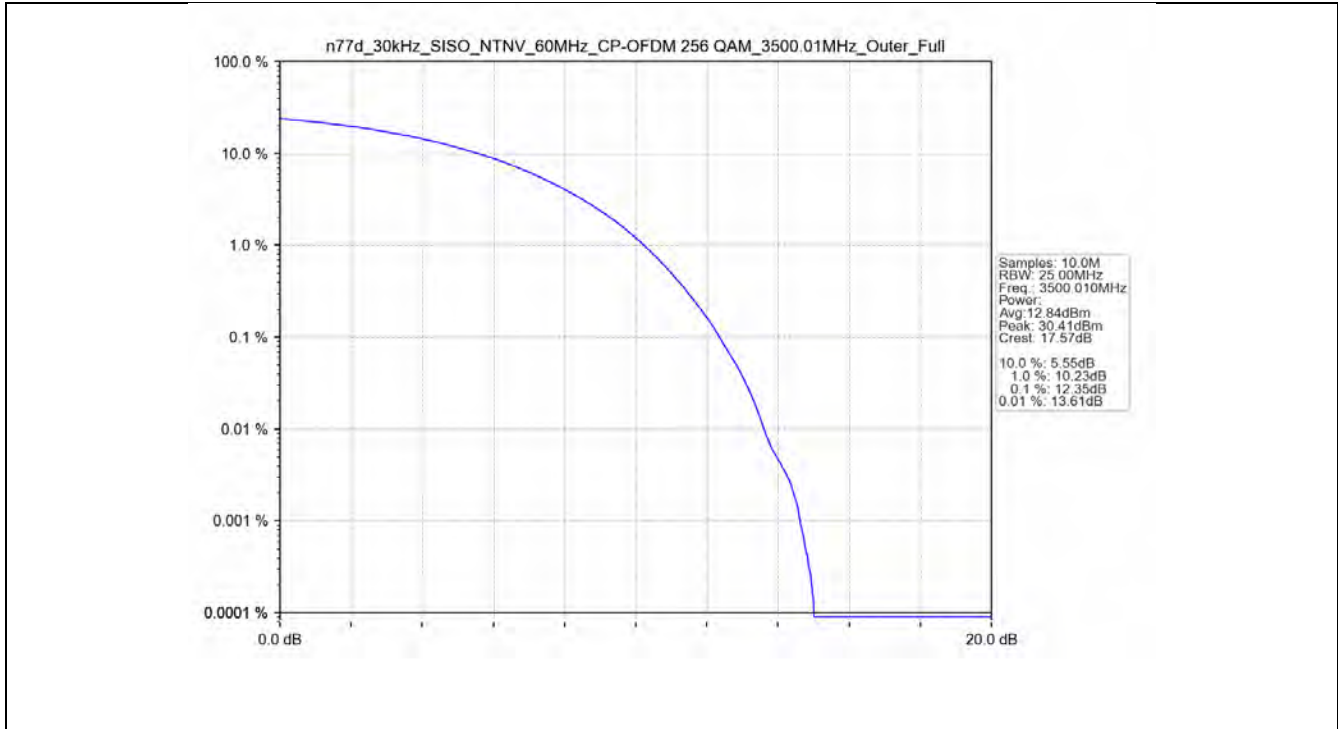


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Report No.: SZCR240100038409

Rev.: 01

Page: 327 of 973



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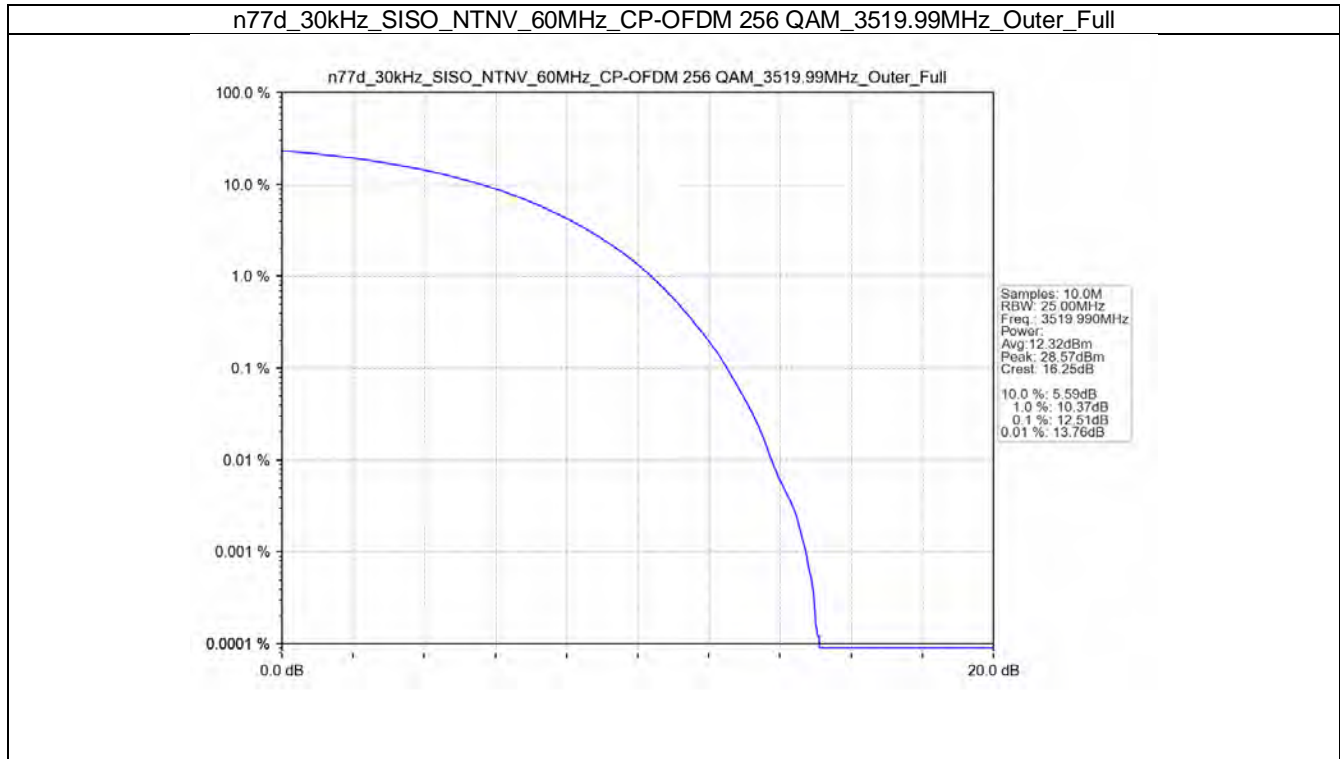


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Report No.: SZCR240100038409

Rev.: 01

Page: 328 of 973



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Report No.: SZCR240100038409

Rev.: 01

Page: 329 of 973

4.5 30k_SISO_80MHz_NTNV

4.5.1 Test Result

5G NR n77d SCS=30kHz SISO 80MHz NNTV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant4	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Outer_Full	10.86	/	/	<=13	Pass
	3500.01	Outer_Full	11.02	/	/	<=13	Pass
	3510	Outer_Full	9.76	/	/	<=13	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	11.49	/	/	<=13	Pass
	3500.01	Outer_Full	10.64	/	/	<=13	Pass
	3510	Outer_Full	10.63	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	11.03	/	/	<=13	Pass
	3500.01	Outer_Full	11.01	/	/	<=13	Pass
	3510	Outer_Full	10.64	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	11.06	/	/	<=13	Pass
	3500.01	Outer_Full	10.76	/	/	<=13	Pass
	3510	Outer_Full	11.25	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	11.19	/	/	<=13	Pass
	3500.01	Outer_Full	10.92	/	/	<=13	Pass
	3510	Outer_Full	11.36	/	/	<=13	Pass
CP-OFDM QPSK	3490.02	Outer_Full	12.30	/	/	<=13	Pass
	3500.01	Outer_Full	12.26	/	/	<=13	Pass
	3510	Outer_Full	11.32	/	/	<=13	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	11.71	/	/	<=13	Pass
	3500.01	Outer_Full	11.76	/	/	<=13	Pass
	3510	Outer_Full	12.04	/	/	<=13	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	11.67	/	/	<=13	Pass
	3500.01	Outer_Full	11.53	/	/	<=13	Pass
	3510	Outer_Full	12.71	/	/	<=13	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	11.60	/	/	<=13	Pass
	3500.01	Outer_Full	11.83	/	/	<=13	Pass
	3510	Outer_Full	11.76	/	/	<=13	Pass



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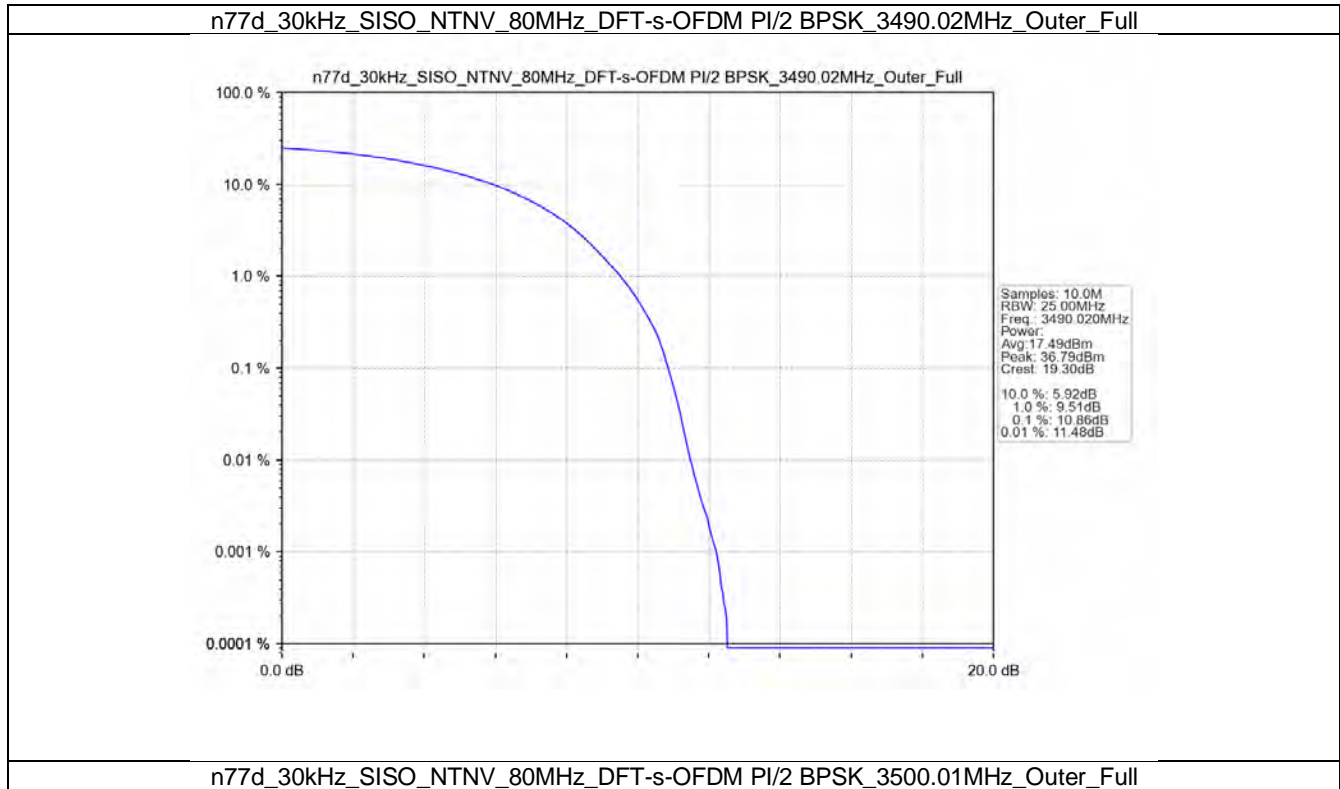
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Rev.: 01

Page: 330 of 973

4.5.2 Test Graph



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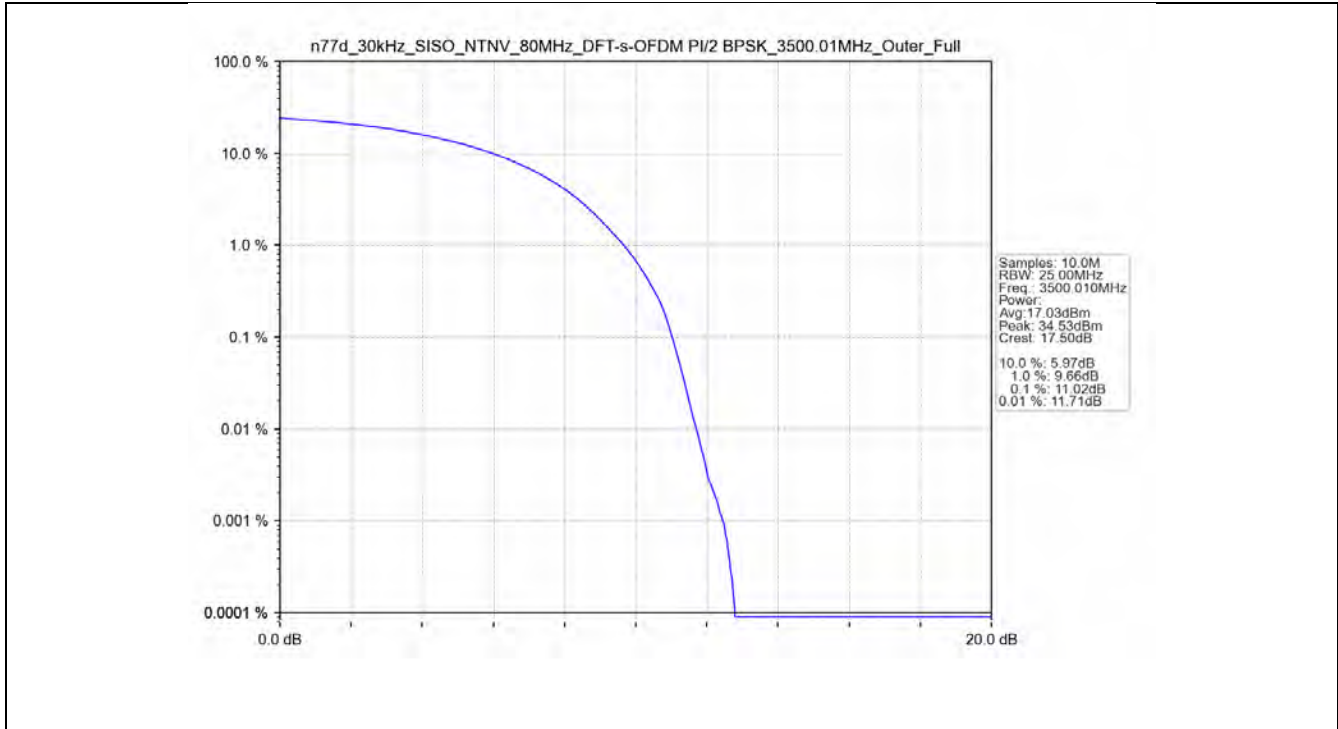


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Rev.: 01

Page: 331 of 973



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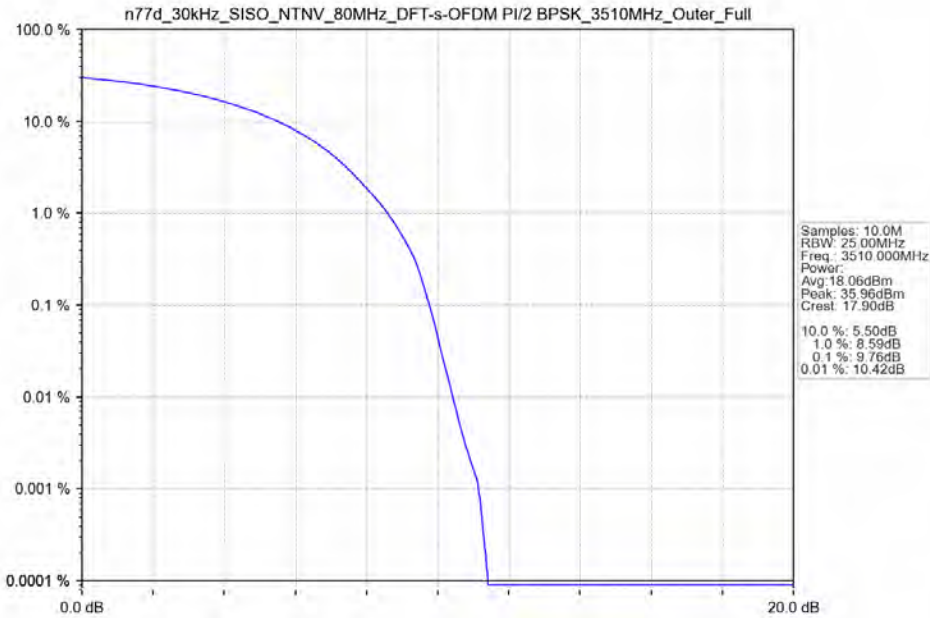
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Report No.: SZCR240100038409

Rev.: 01

Page: 332 of 973

n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3510MHz_Outer_Full



n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3490.02MHz_Outer_Full



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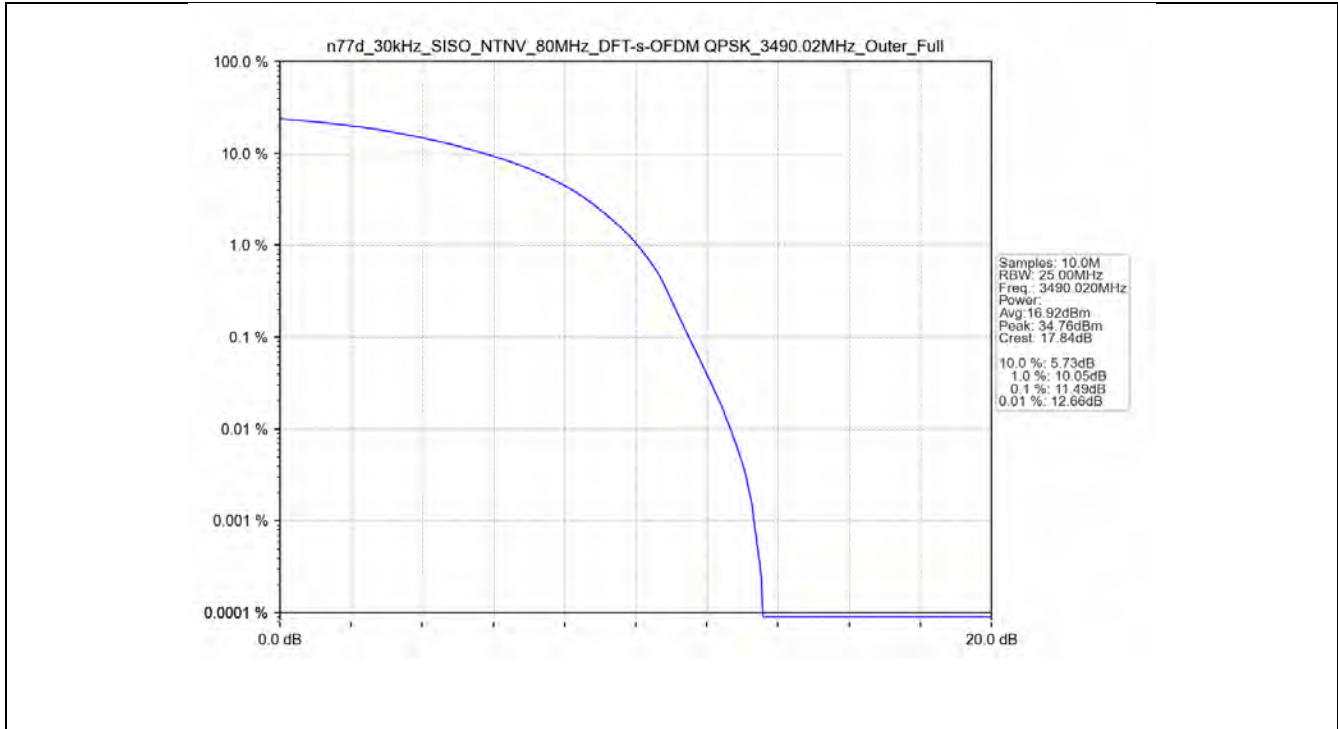


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Rev.: 01

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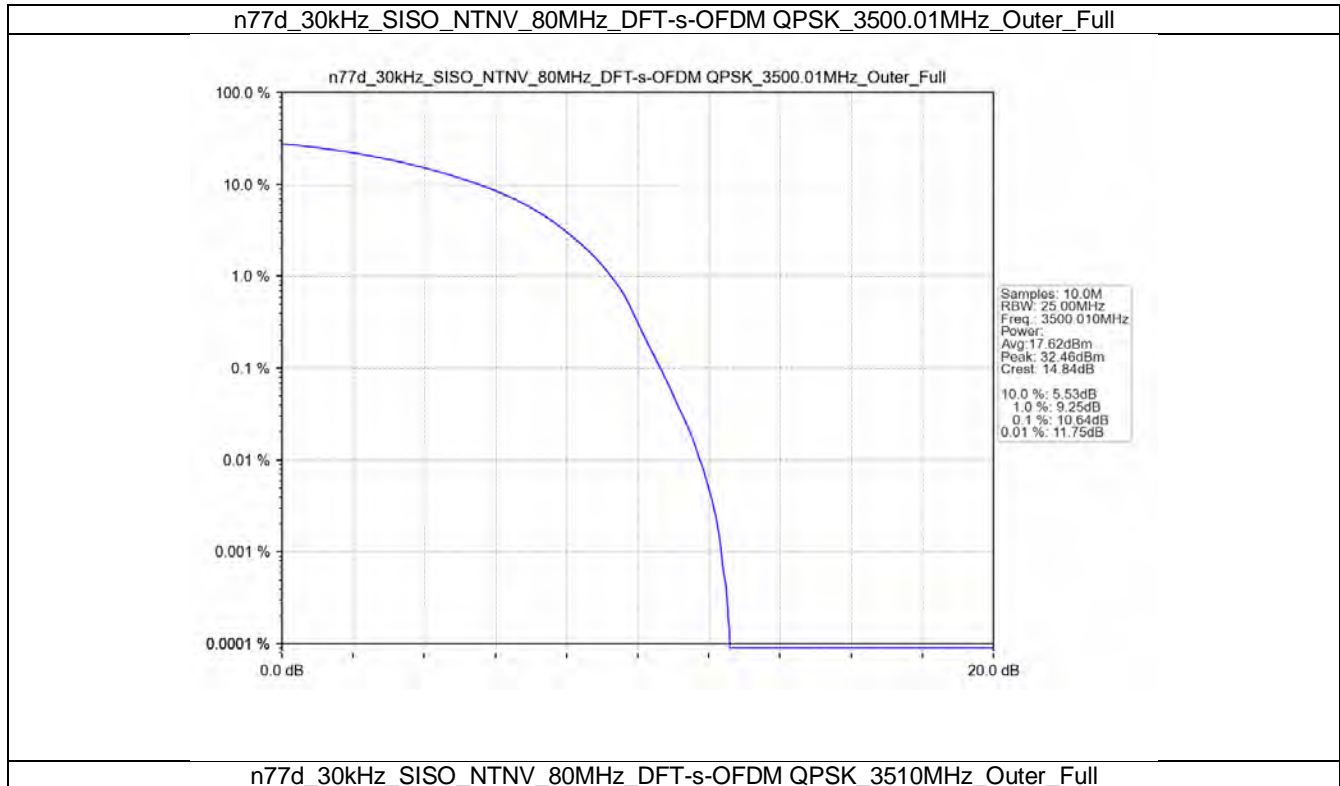


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Rev.: 01

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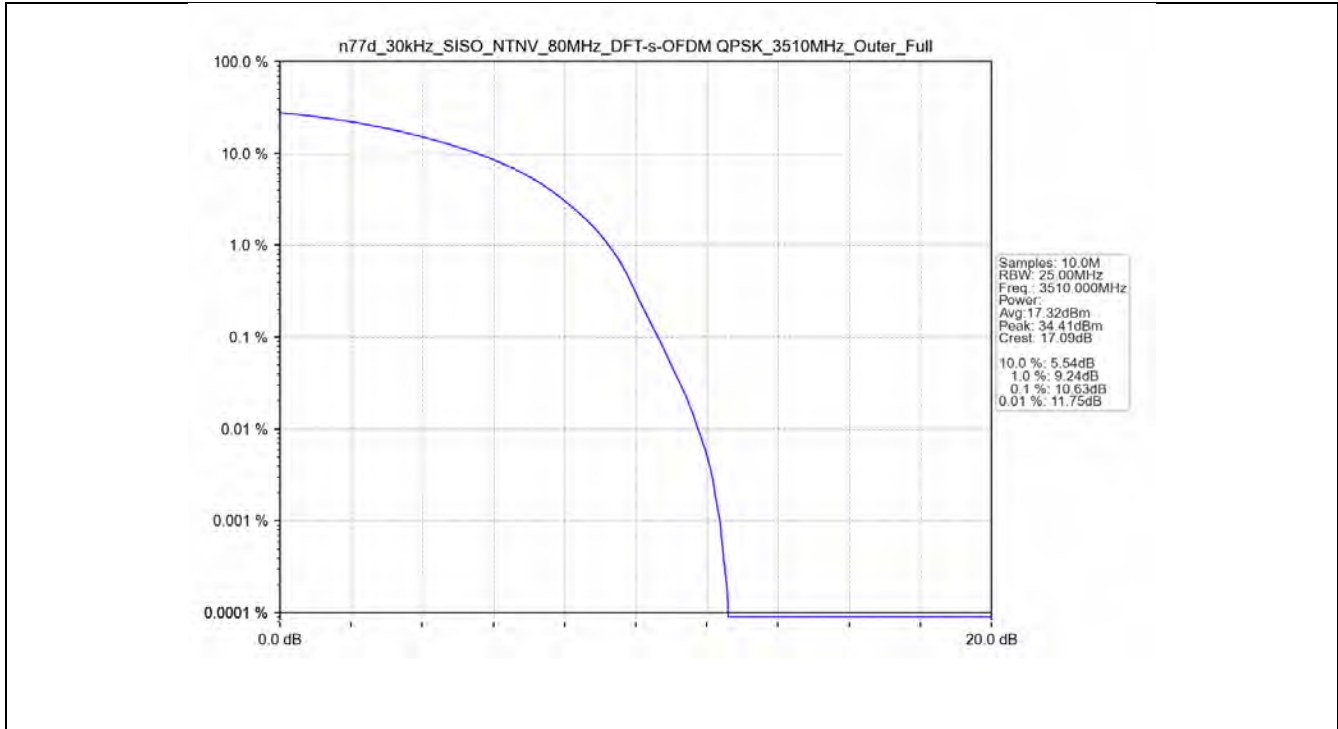


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Rev.: 01

Page: 335 of 973



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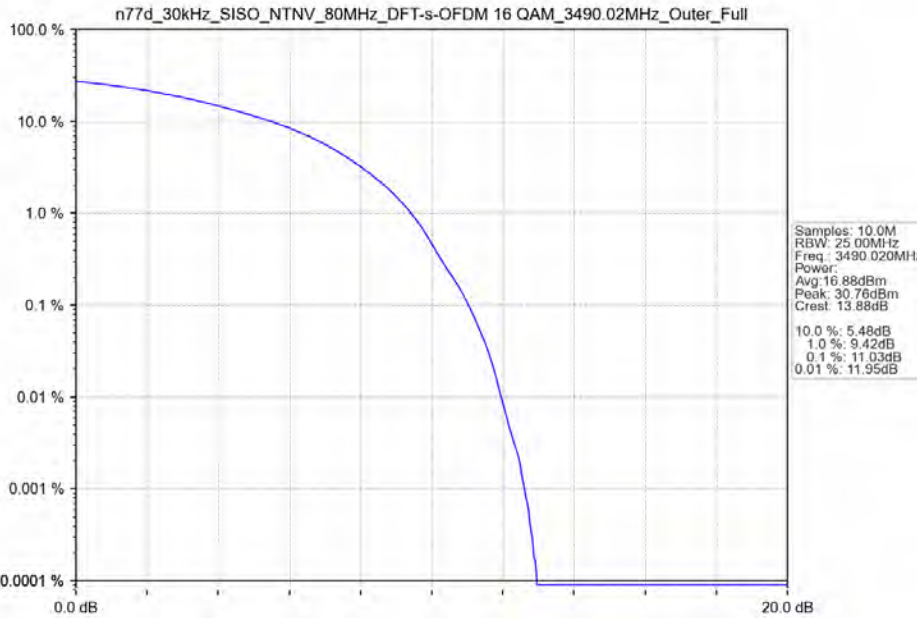
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Report No.: SZCR240100038409

Rev.: 01

Page: 336 of 973

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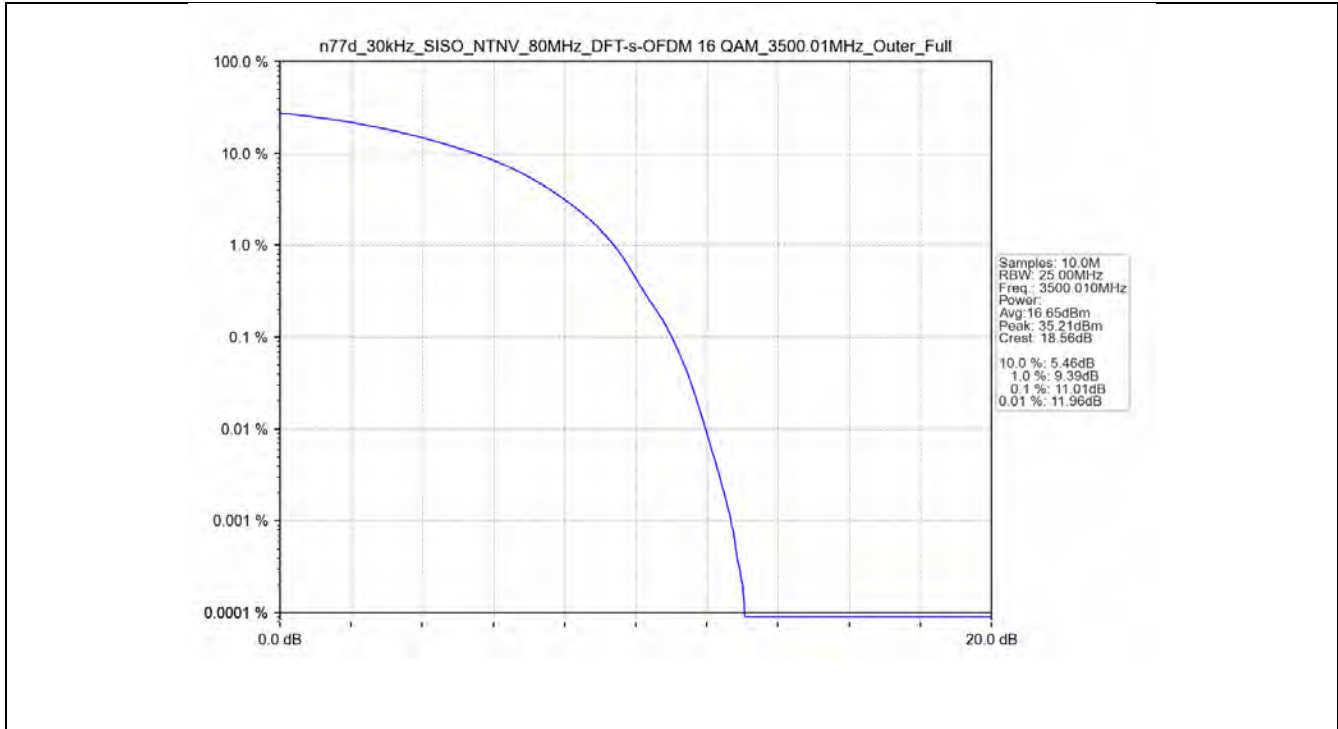


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Rev.: 01

Page: 337 of 973



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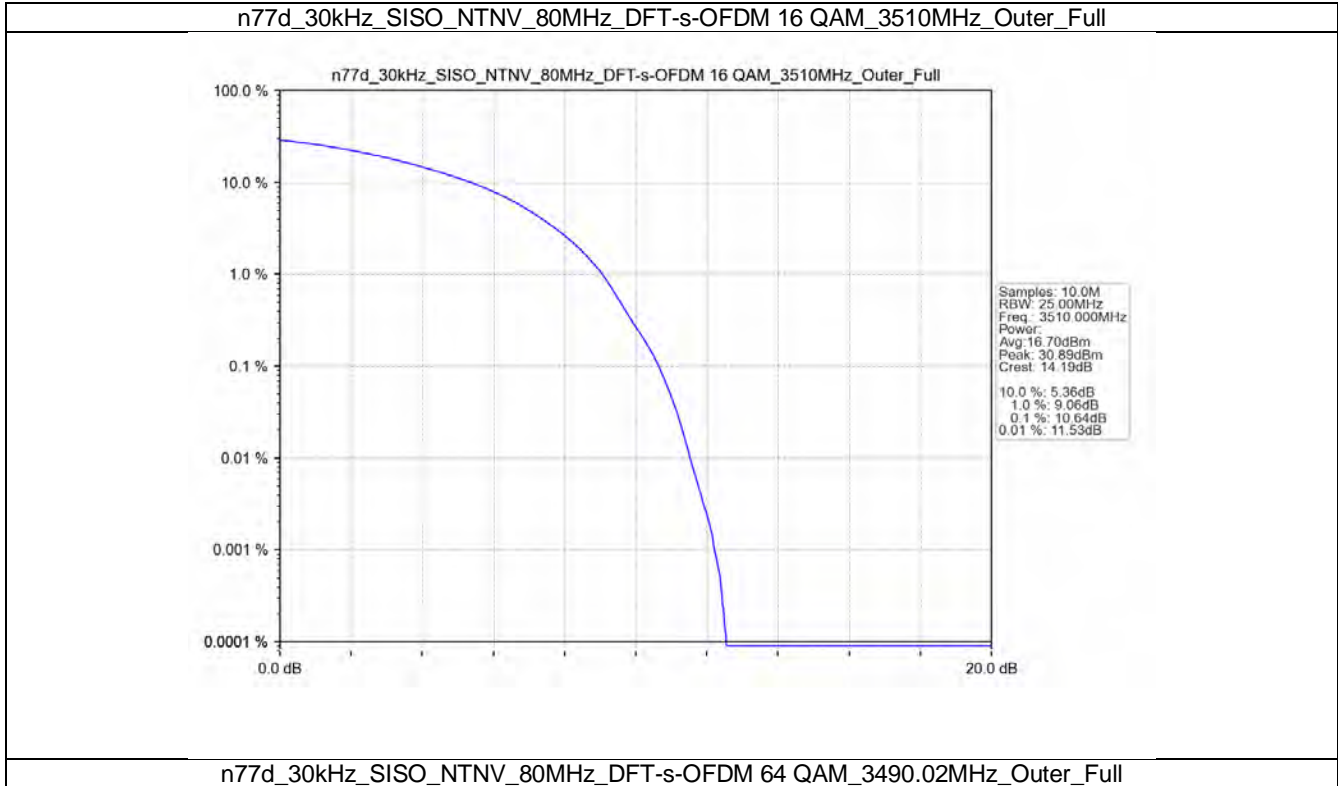


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Report No.: SZCR240100038409

Rev.: 01

Page: 338 of 973



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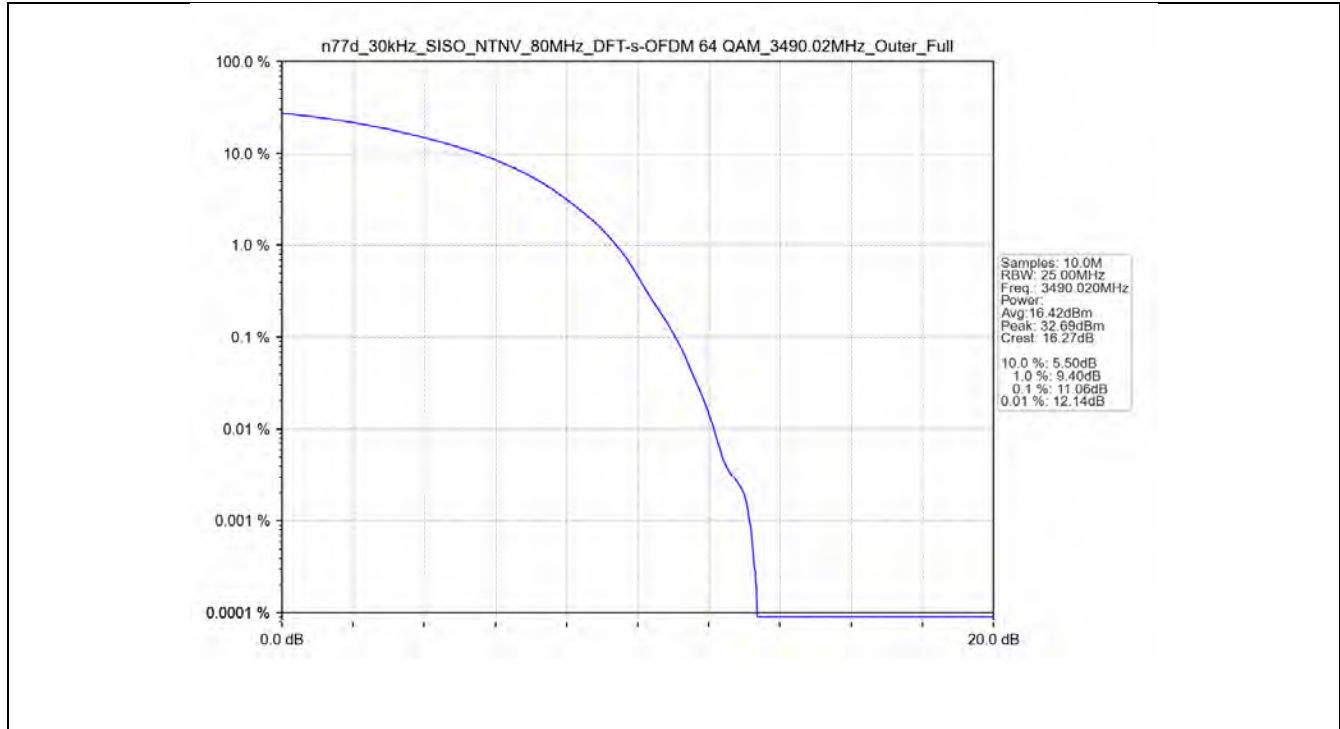


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Report No.: SZCR240100038409

Rev.: 01

Page: 339 of 973



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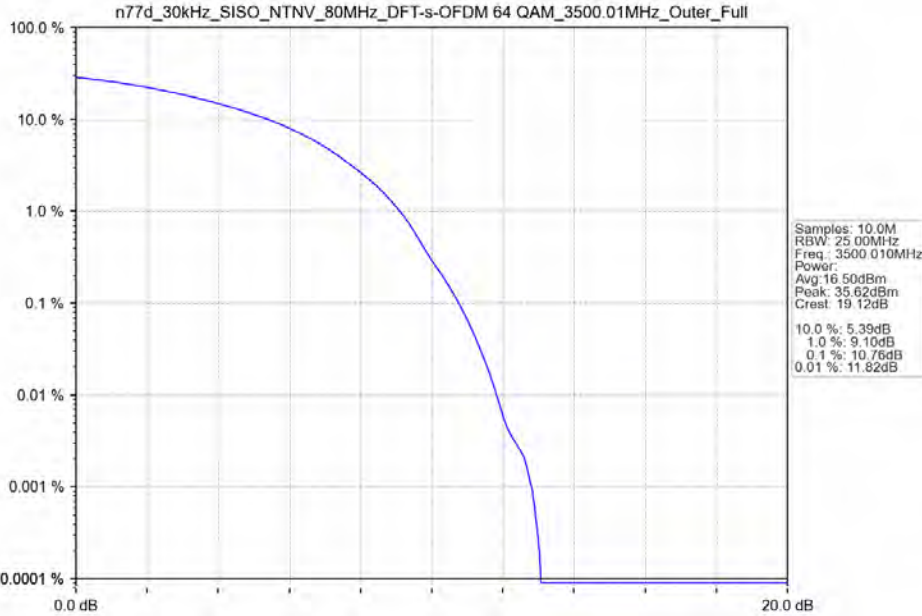
**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038409

Rev.: 01

Page: 340 of 973

n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3510MHz_Outer_Full



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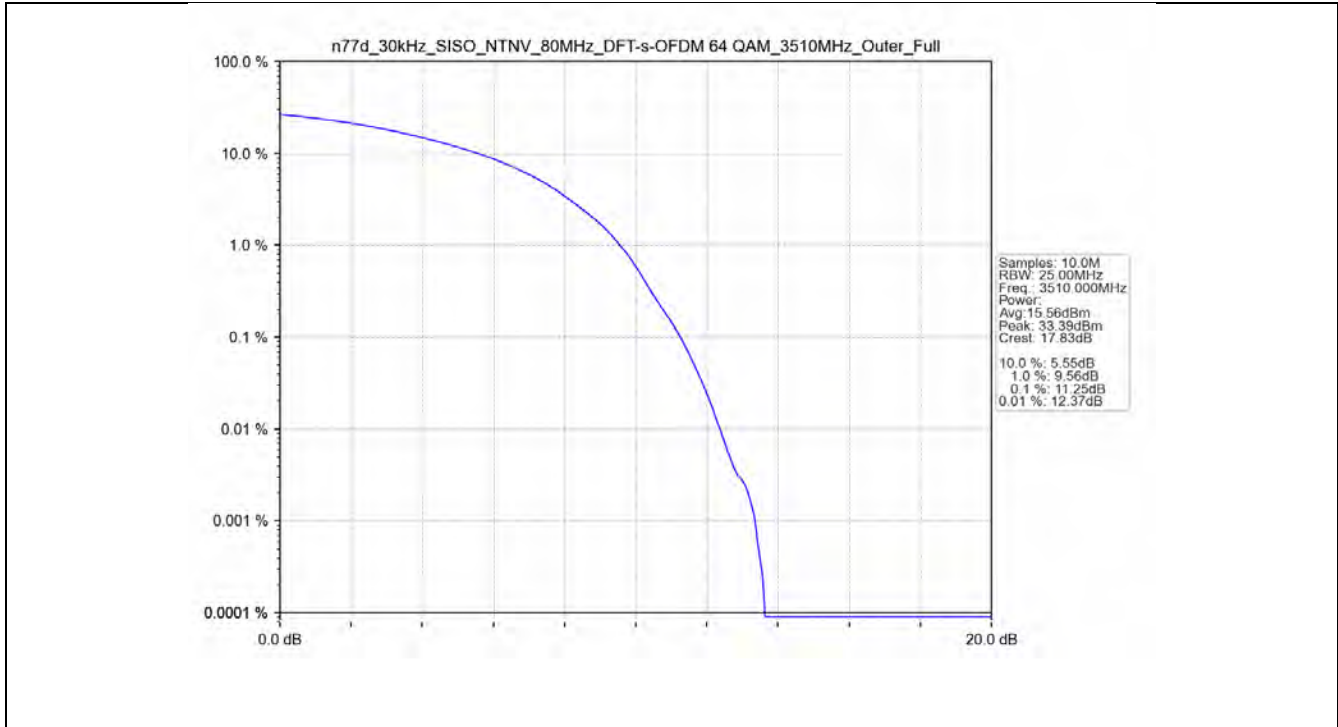


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Report No.: SZCR240100038409

Rev.: 01

Page: 341 of 973



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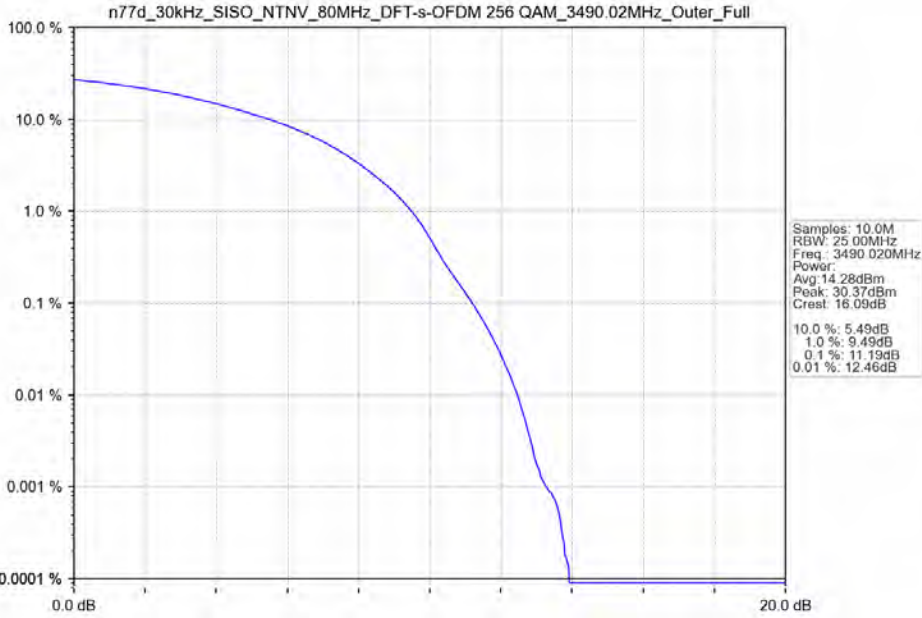
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Report No.: SZCR240100038409

Rev.: 01

Page: 342 of 973

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n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full



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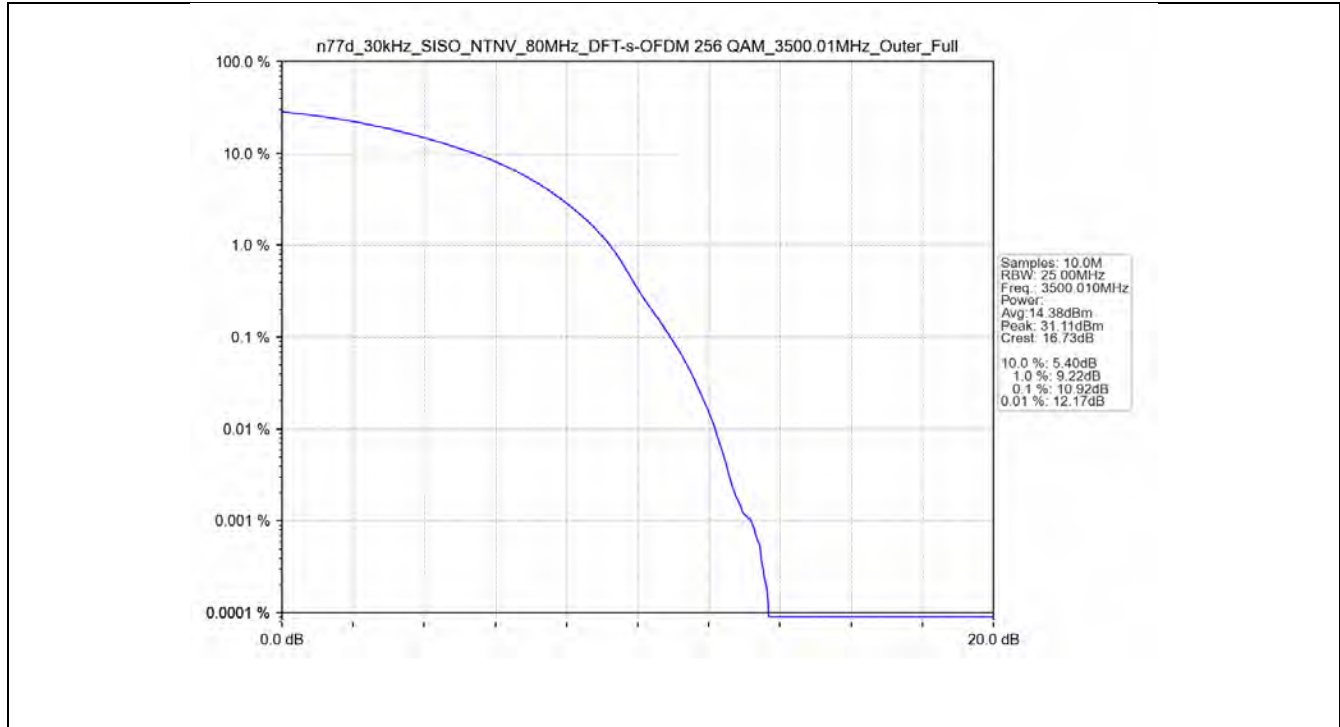


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Report No.: SZCR240100038409

Rev.: 01

Page: 343 of 973



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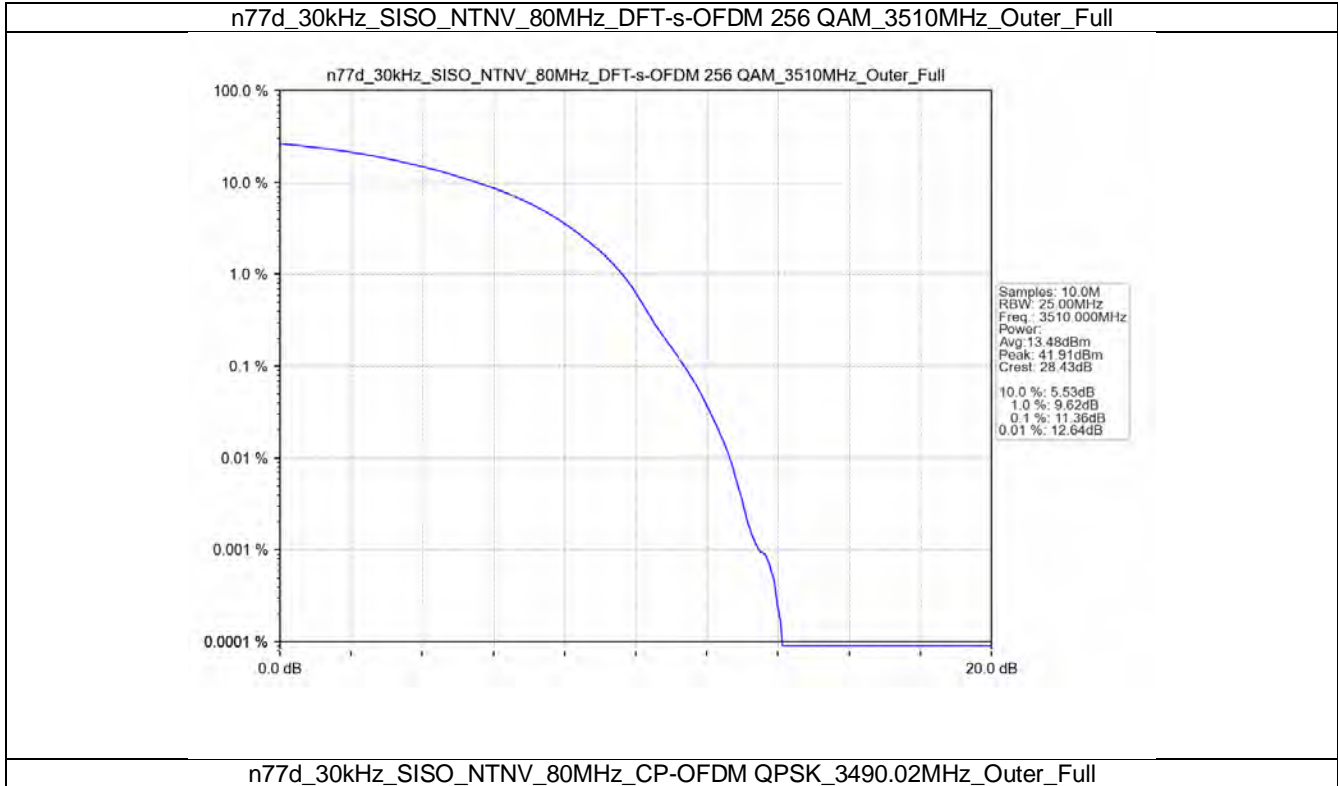


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Report No.: SZCR240100038409

Rev.: 01

Page: 344 of 973



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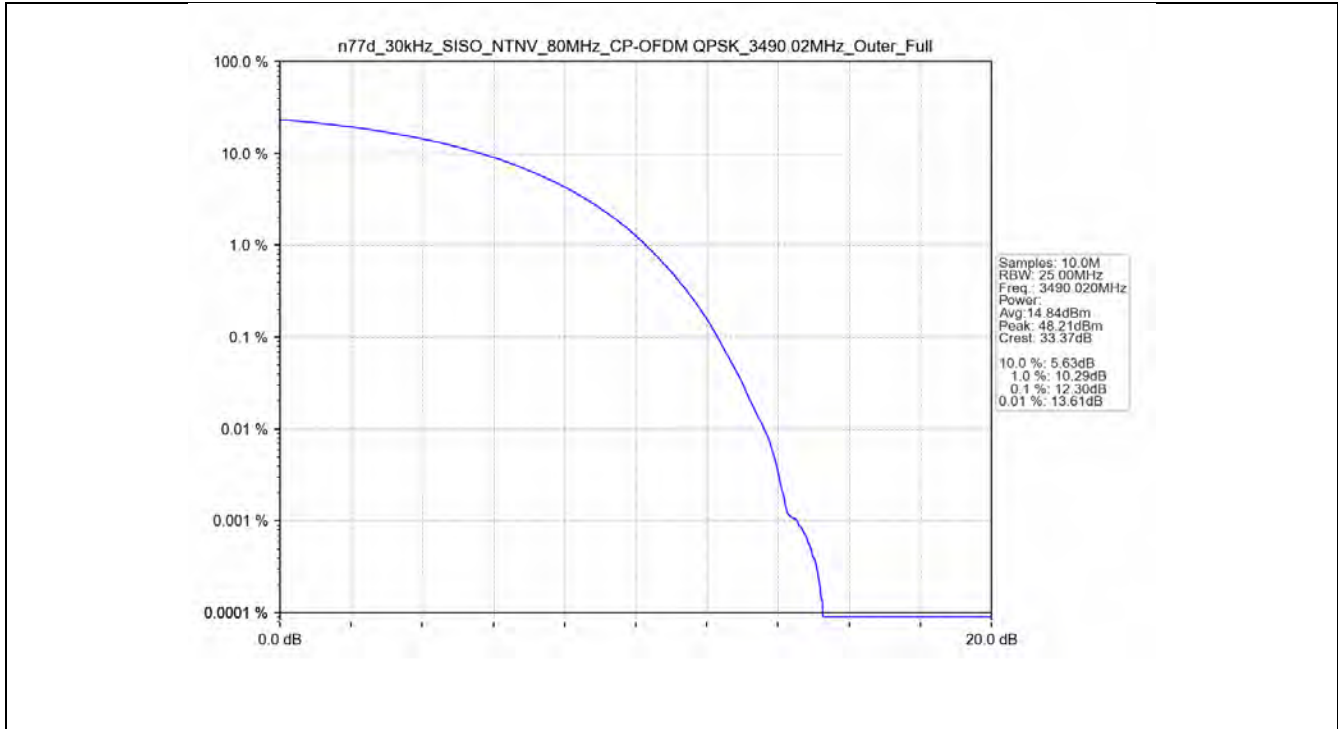


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Report No.: SZCR240100038409

Rev.: 01

Page: 345 of 973



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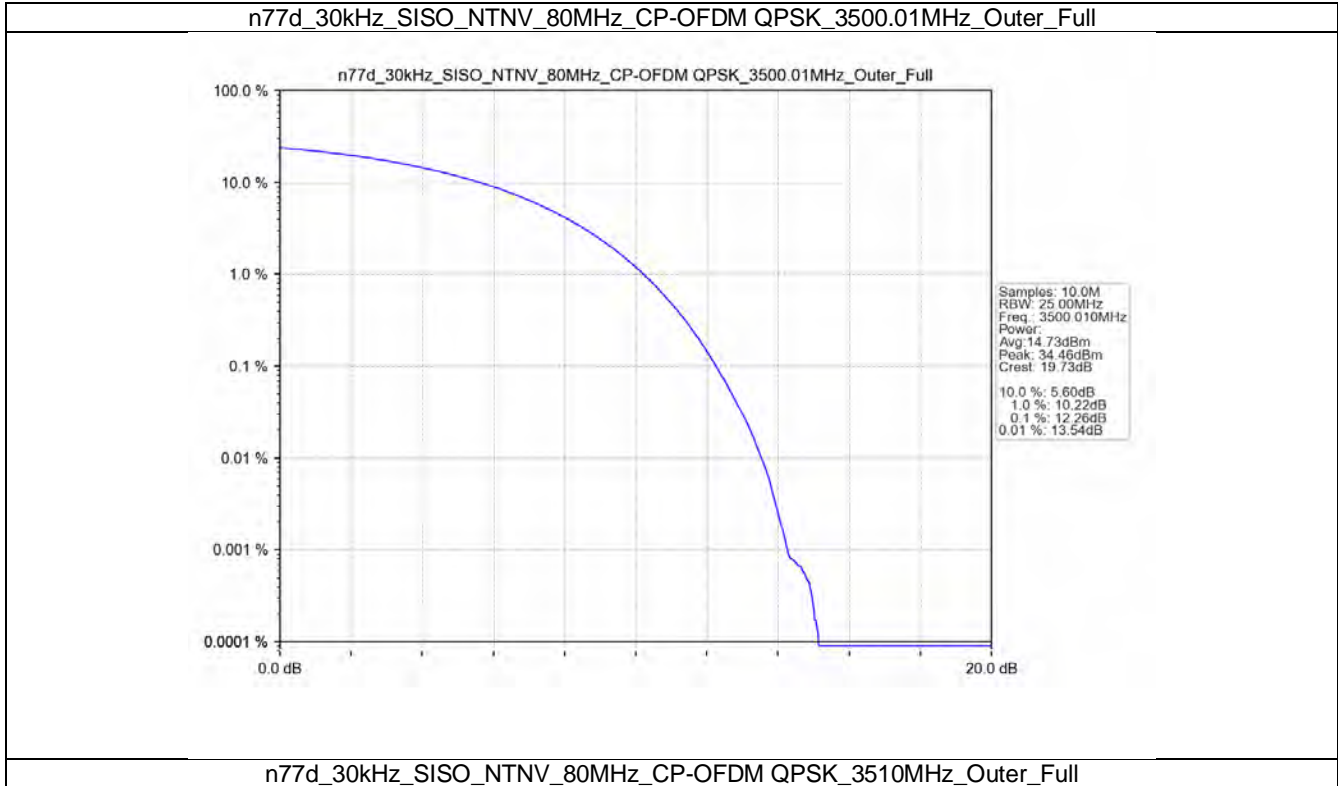


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Report No.: SZCR240100038409

Rev.: 01

Page: 346 of 973



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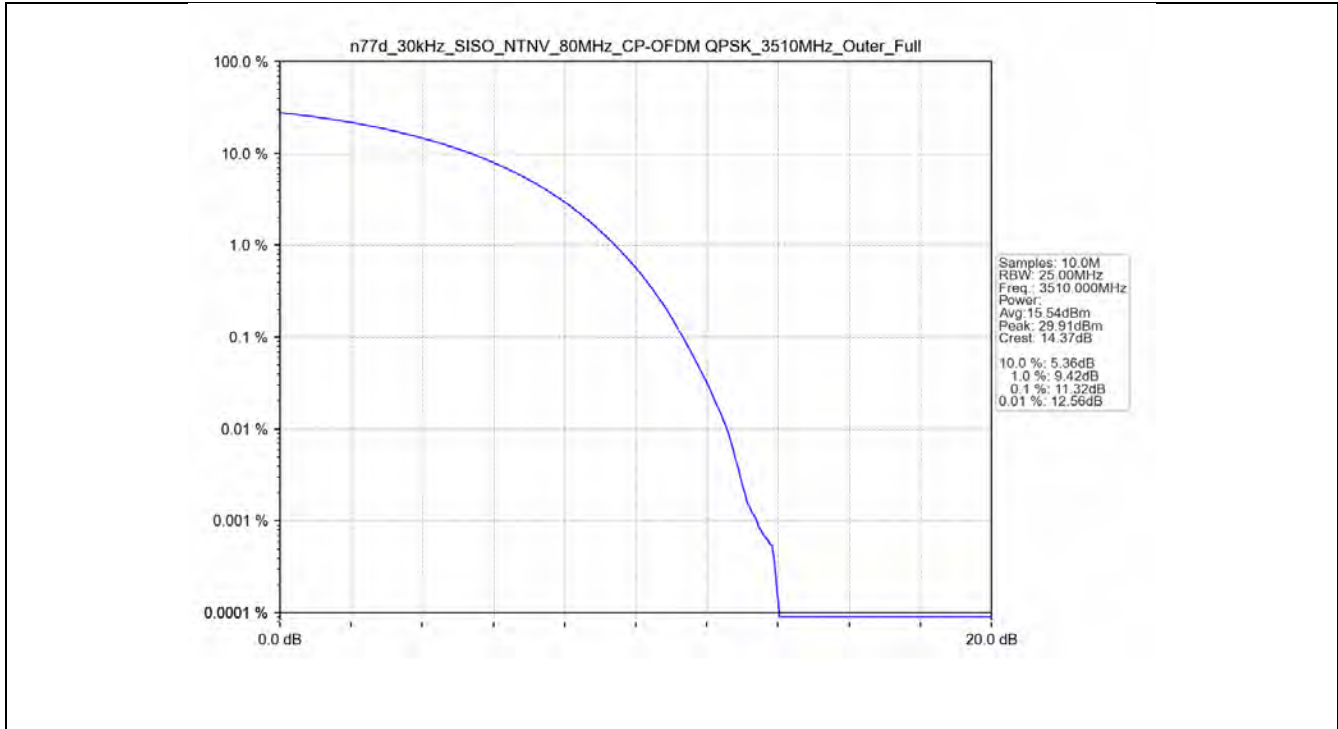


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Report No.: SZCR240100038409

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Page: 347 of 973



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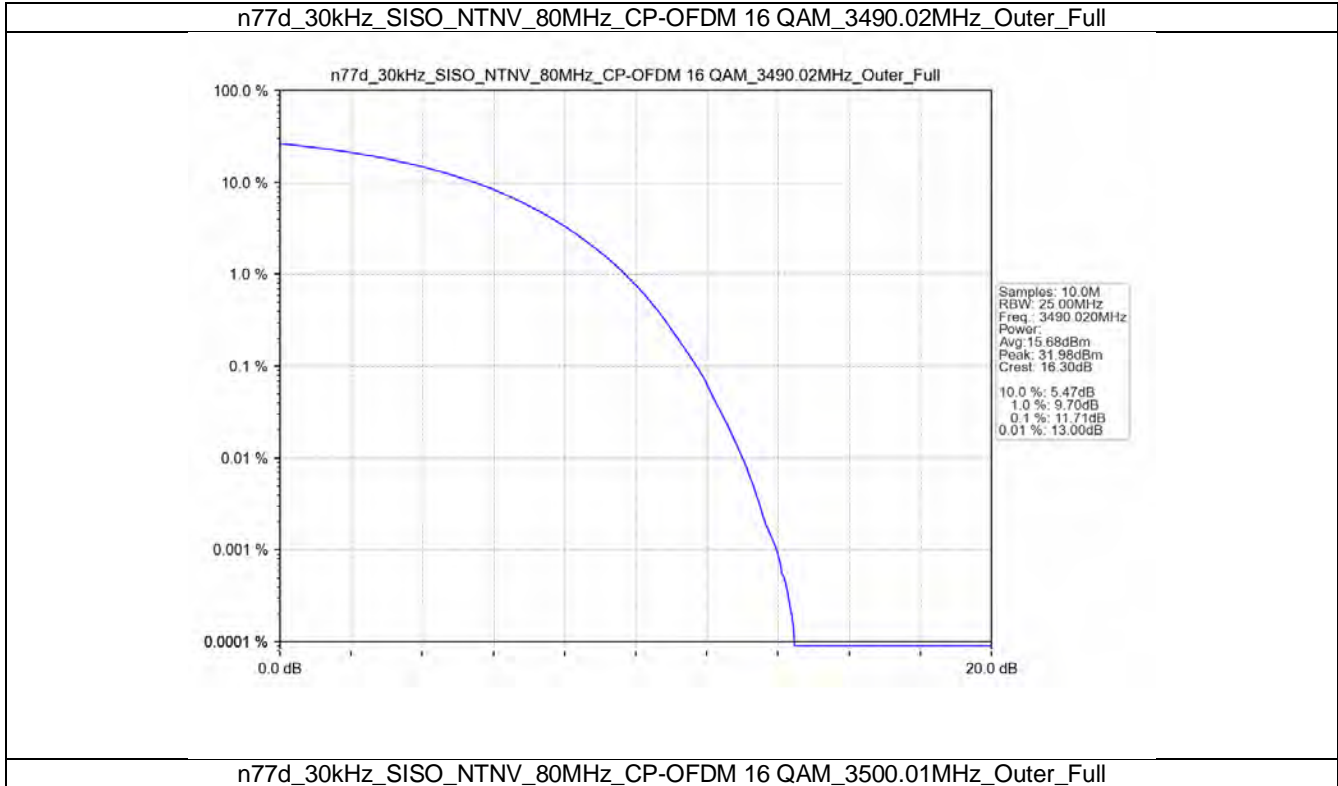


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Report No.: SZCR240100038409

Rev.: 01

Page: 348 of 973



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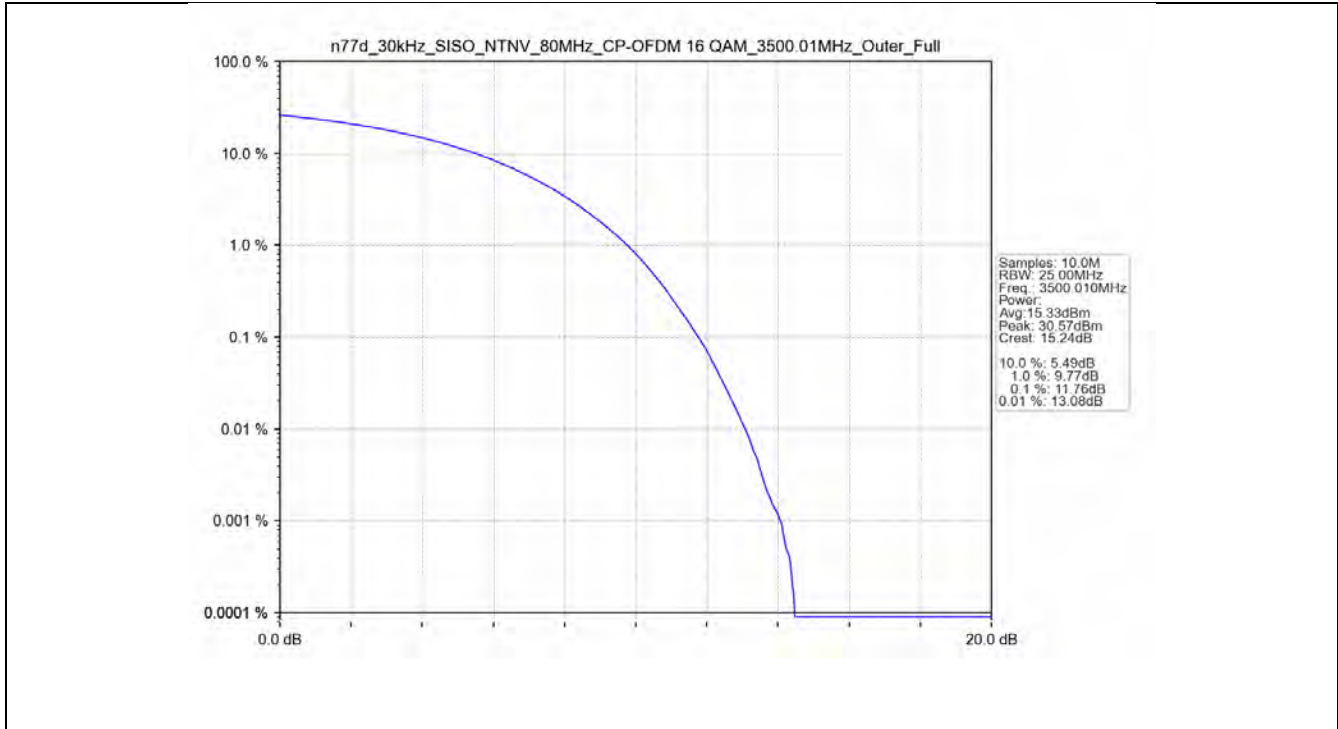


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Report No.: SZCR240100038409

Rev.: 01

Page: 349 of 973



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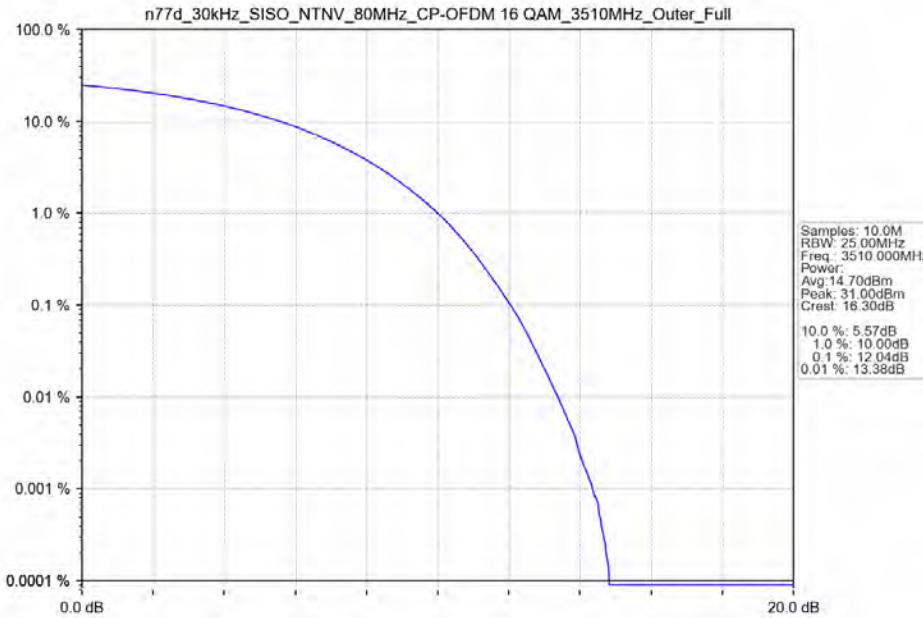
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Report No.: SZCR240100038409

Rev.: 01

Page: 350 of 973

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n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3490.02MHz_Outer_Full



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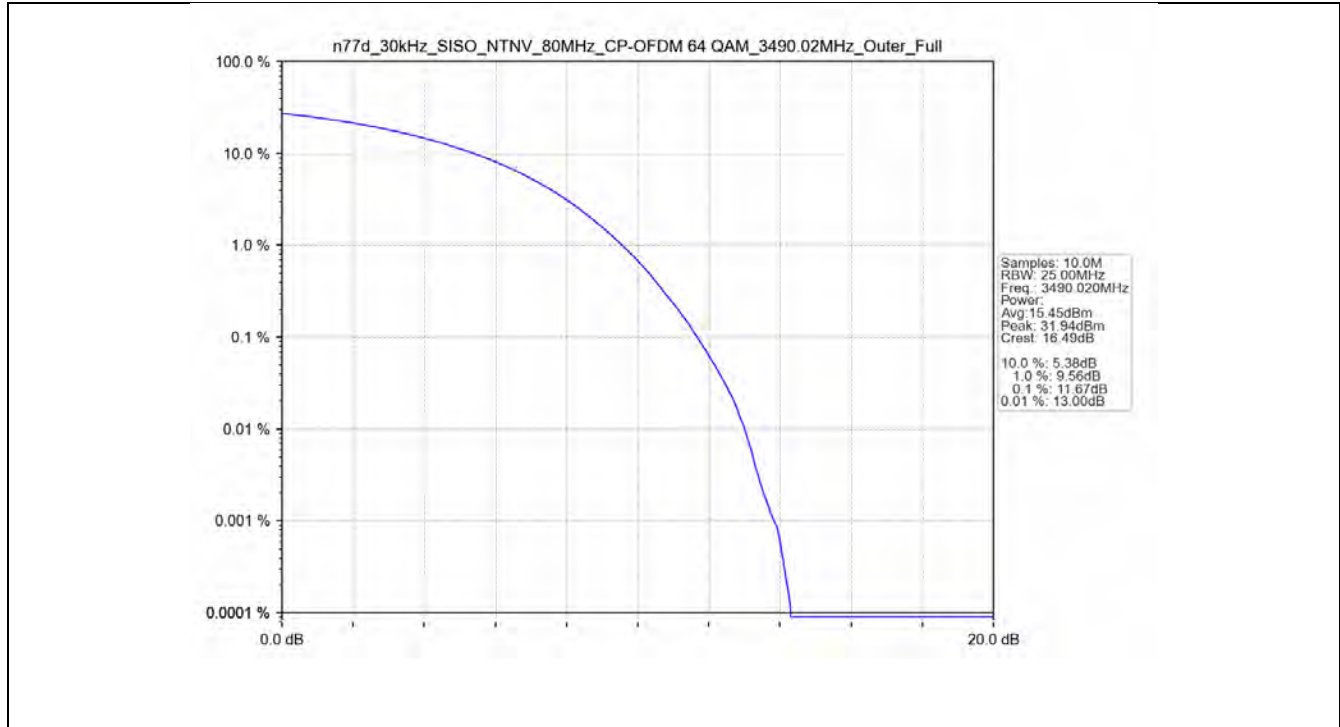


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Report No.: SZCR240100038409

Rev.: 01

Page: 351 of 973



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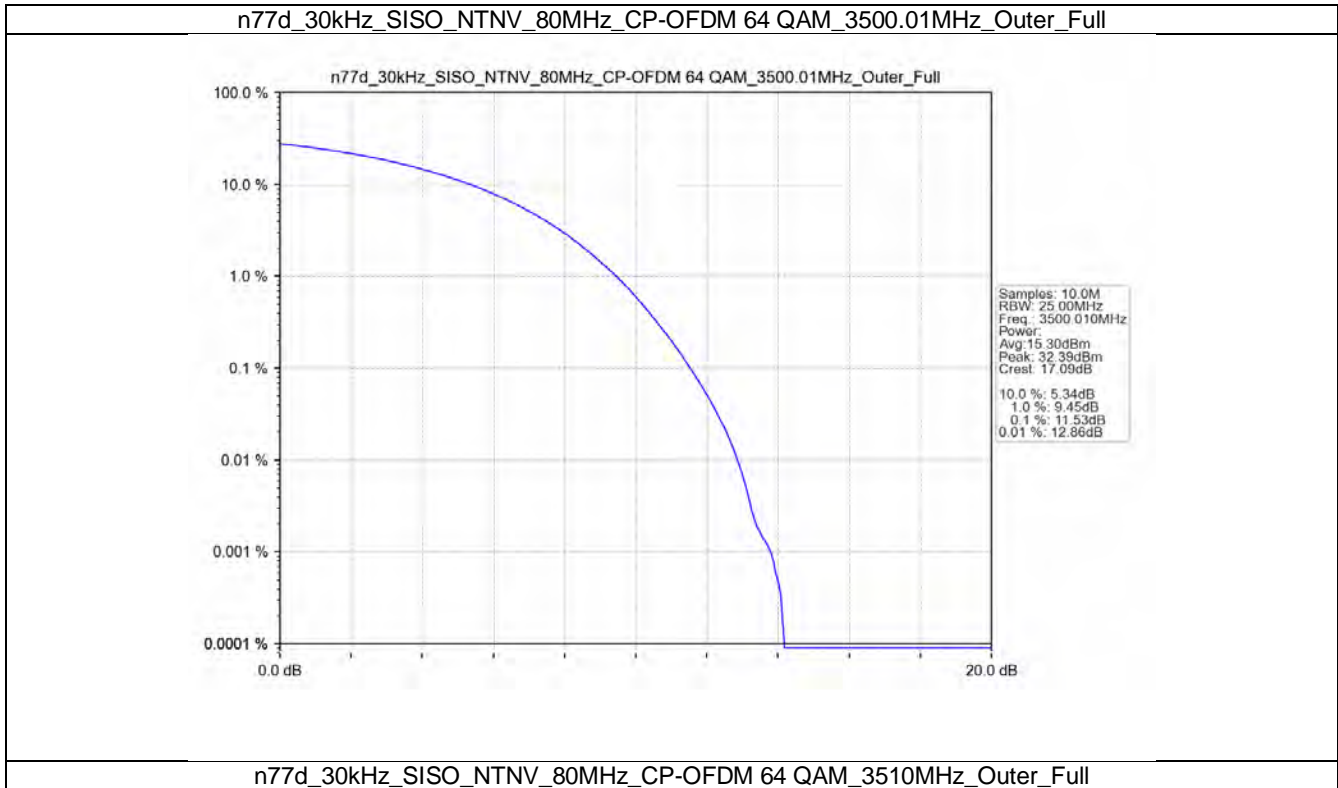


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Report No.: SZCR240100038409

Rev.: 01

Page: 352 of 973



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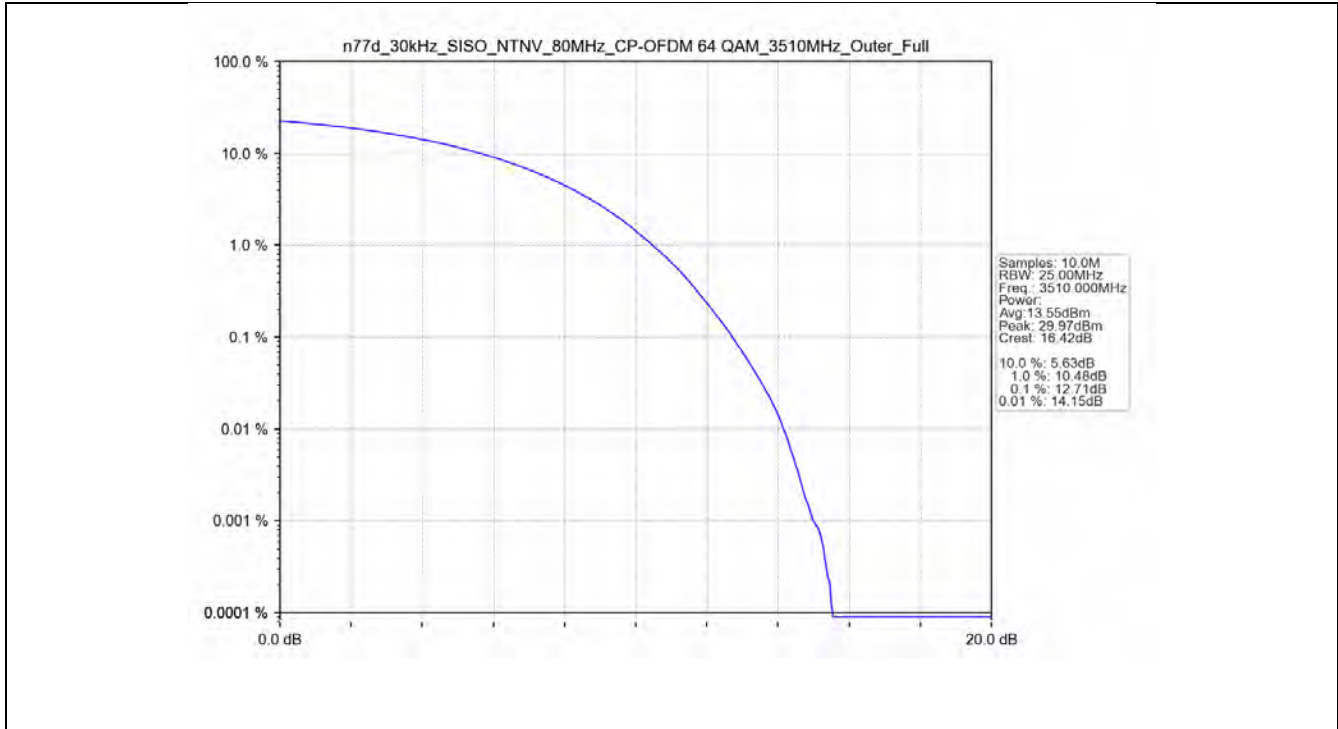


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Report No.: SZCR240100038409

Rev.: 01

Page: 353 of 973



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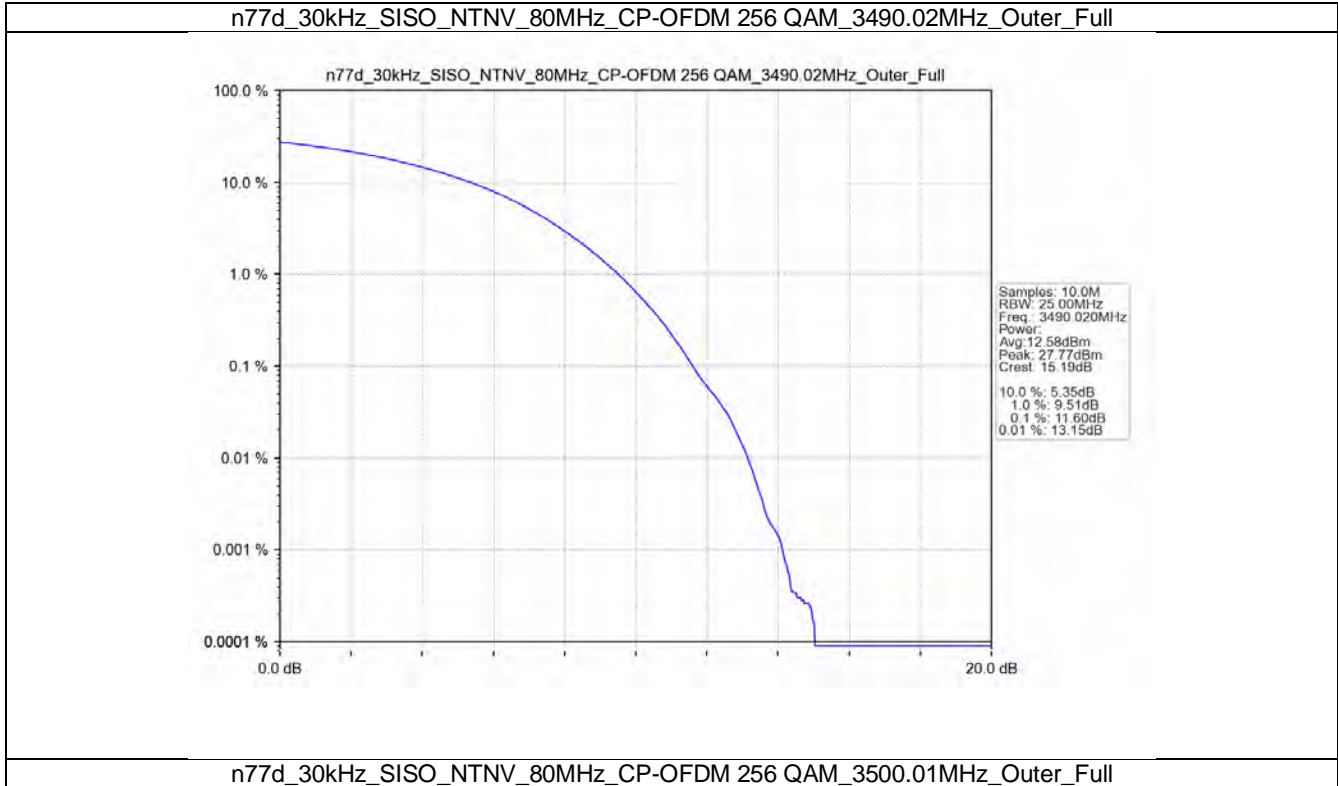


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Report No.: SZCR240100038409

Rev.: 01

Page: 354 of 973



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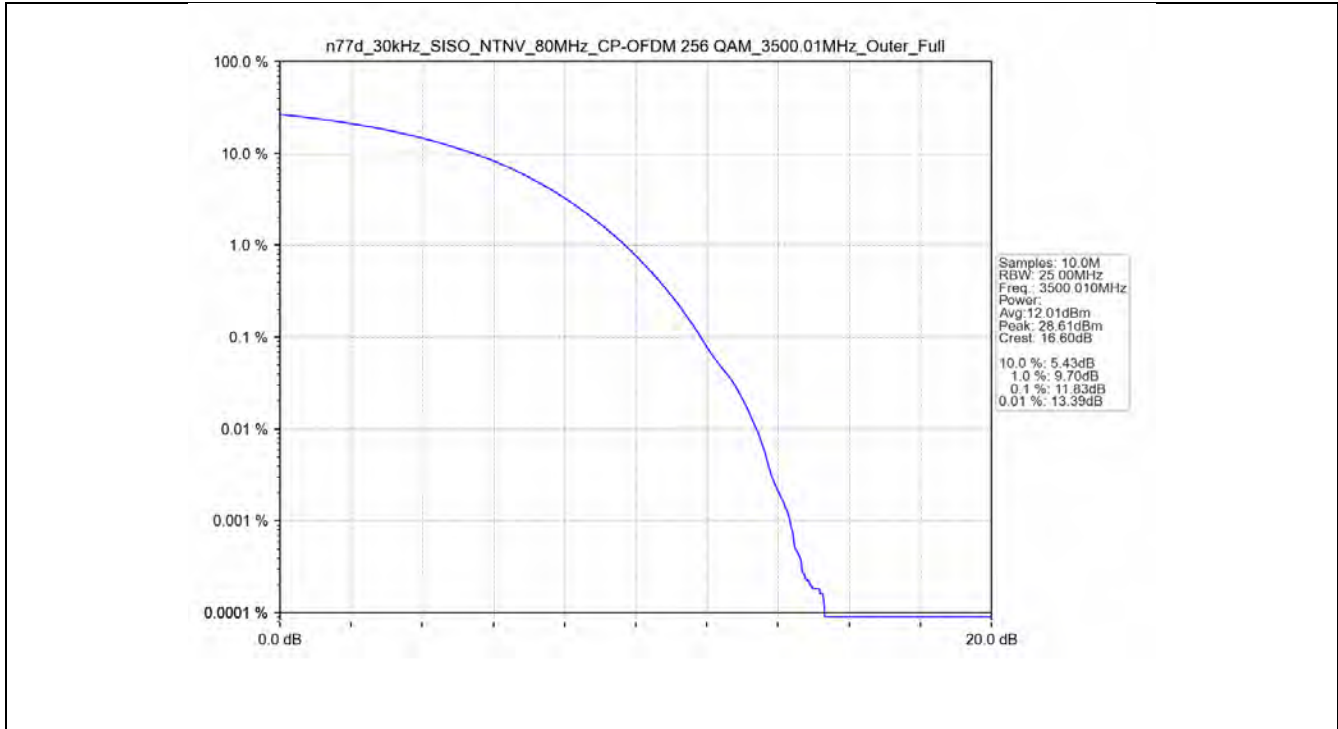


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Report No.: SZCR240100038409

Rev.: 01

Page: 355 of 973



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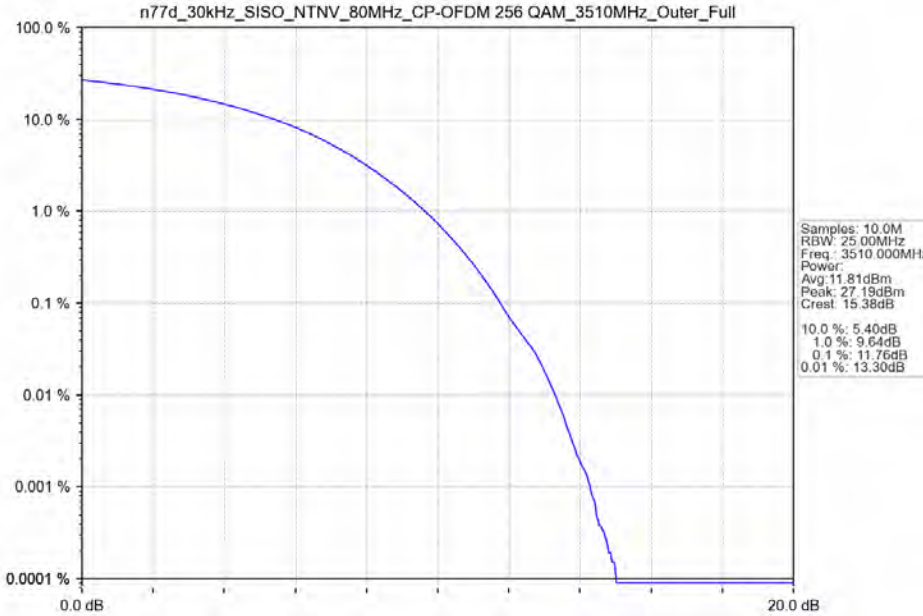
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Report No.: SZCR240100038409

Rev.: 01

Page: 356 of 973

n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3510MHz_Outer_Full



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Report No.: SZCR240100038409

Rev.: 01

Page: 357 of 973

4.6 30k_SISO_100MHz_NTNV

4.6.1 Test Result

5G NR n77d SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant4	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	10.16	/	/	<=13	Pass
	3500.01	Outer_Full	10.21	/	/	<=13	Pass
	3499.98	Outer_Full	10.03	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	11.06	/	/	<=13	Pass
	3500.01	Outer_Full	10.48	/	/	<=13	Pass
	3499.98	Outer_Full	11.12	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	11.07	/	/	<=13	Pass
	3500.01	Outer_Full	11.17	/	/	<=13	Pass
	3499.98	Outer_Full	10.69	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	12.33	/	/	<=13	Pass
	3500.01	Outer_Full	11.04	/	/	<=13	Pass
	3499.98	Outer_Full	11.28	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	11.58	/	/	<=13	Pass
	3500.01	Outer_Full	11.68	/	/	<=13	Pass
	3499.98	Outer_Full	11.13	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	11.46	/	/	<=13	Pass
	3500.01	Outer_Full	11.53	/	/	<=13	Pass
	3499.98	Outer_Full	12.38	/	/	<=13	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	11.56	/	/	<=13	Pass
	3500.01	Outer_Full	12.22	/	/	<=13	Pass
	3499.98	Outer_Full	11.77	/	/	<=13	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	11.98	/	/	<=13	Pass
	3500.01	Outer_Full	11.47	/	/	<=13	Pass
	3499.98	Outer_Full	11.72	/	/	<=13	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	12.34	/	/	<=13	Pass
	3500.01	Outer_Full	12.67	/	/	<=13	Pass
	3499.98	Outer_Full	12.01	/	/	<=13	Pass



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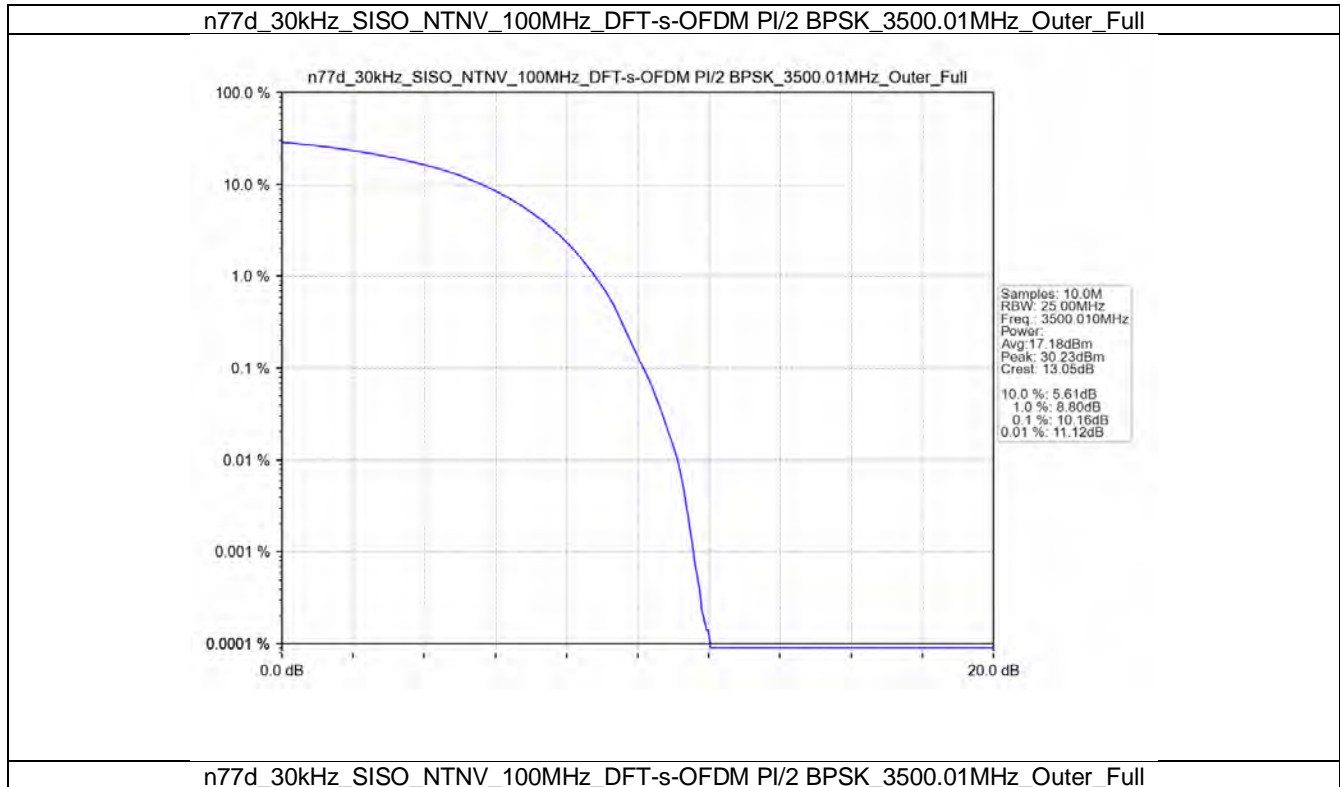
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Rev.: 01

Page: 358 of 973

4.6.2 Test Graph



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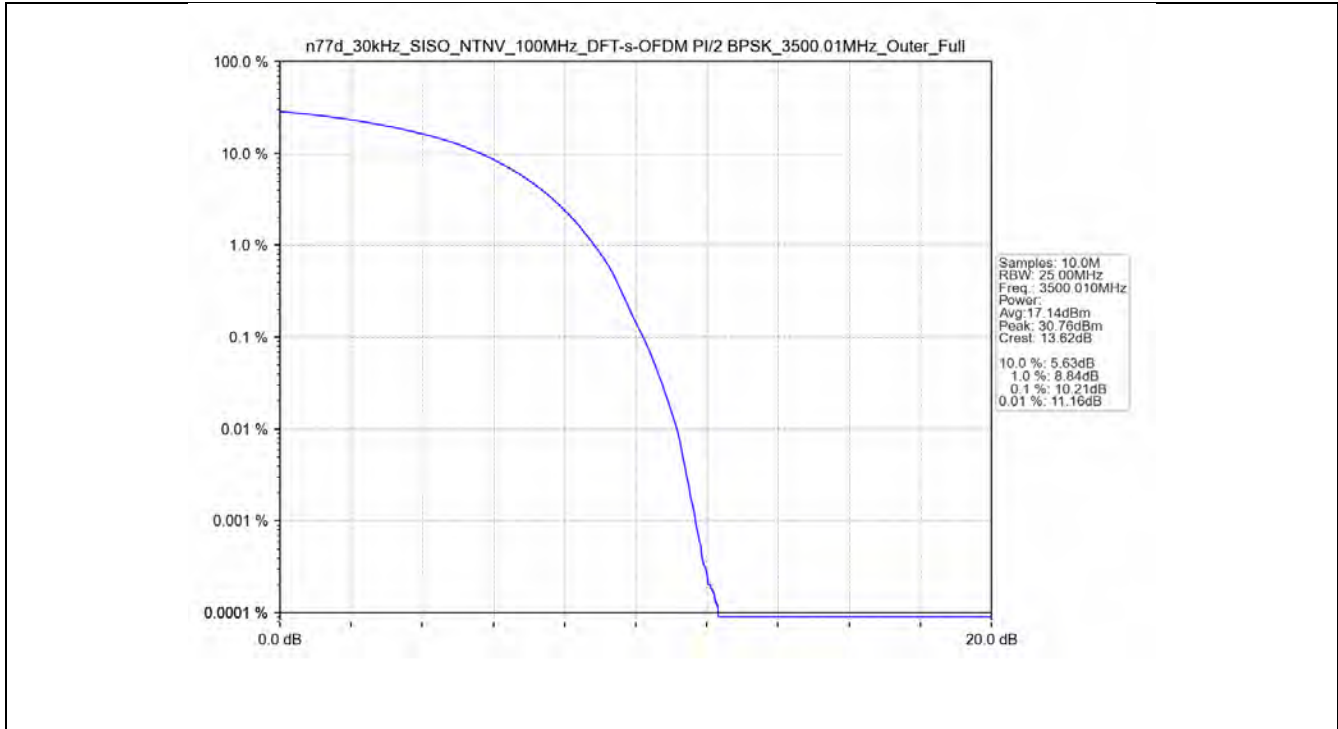


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Rev.: 01

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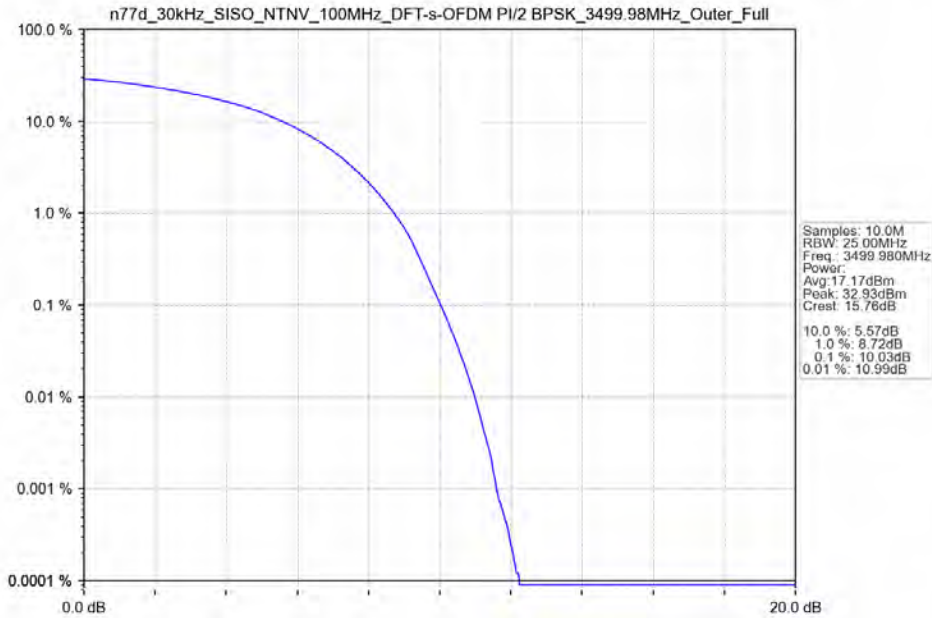
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Report No.: SZCR240100038409

Rev.: 01

Page: 360 of 973

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Outer_Full



n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



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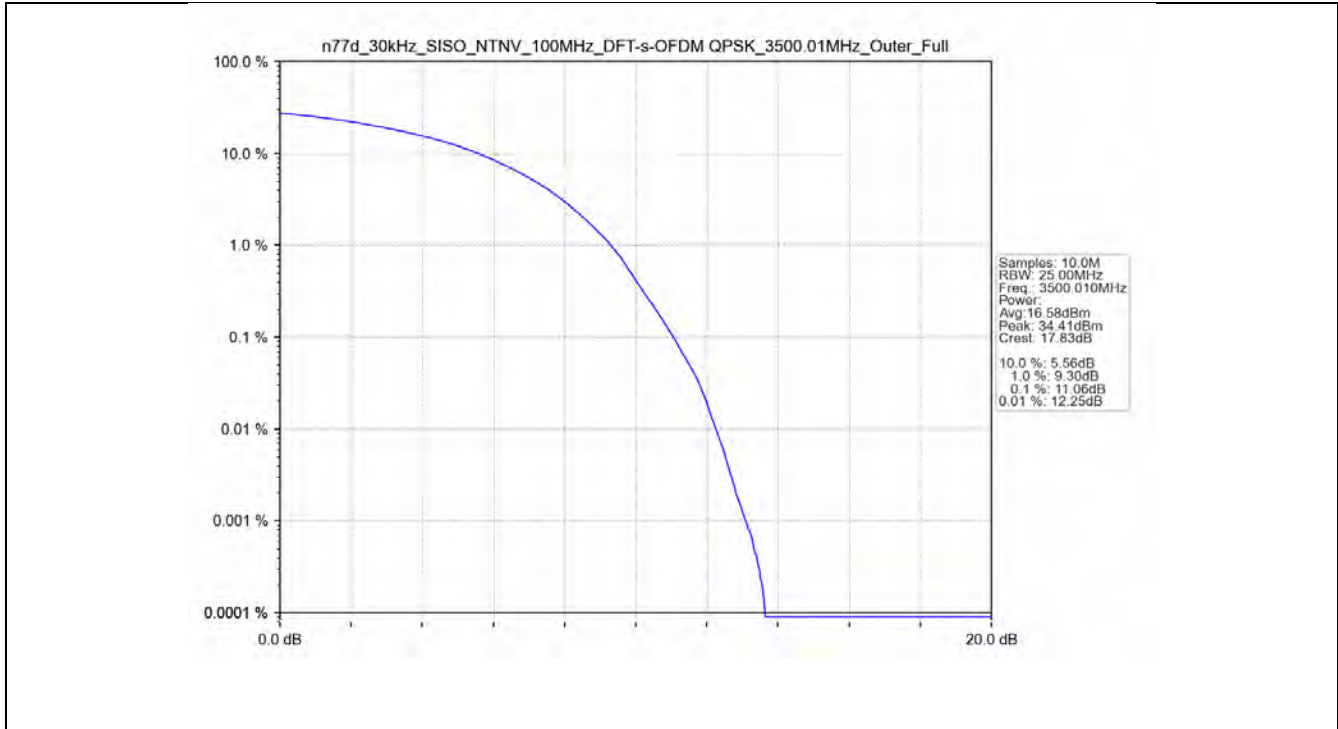


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Report No.: SZCR240100038409

Rev.: 01

Page: 361 of 973



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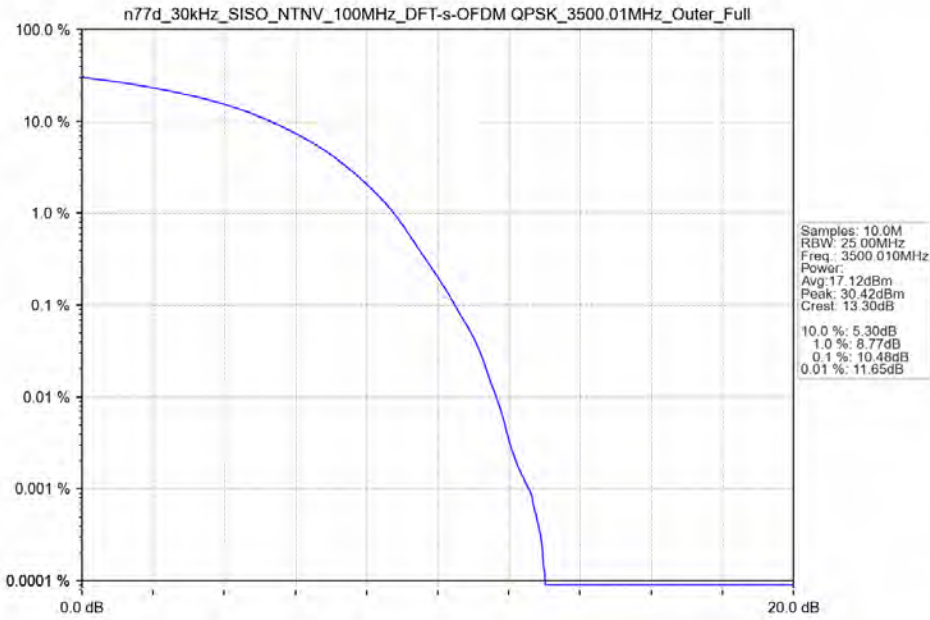
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Report No.: SZCR240100038409

Rev.: 01

Page: 362 of 973

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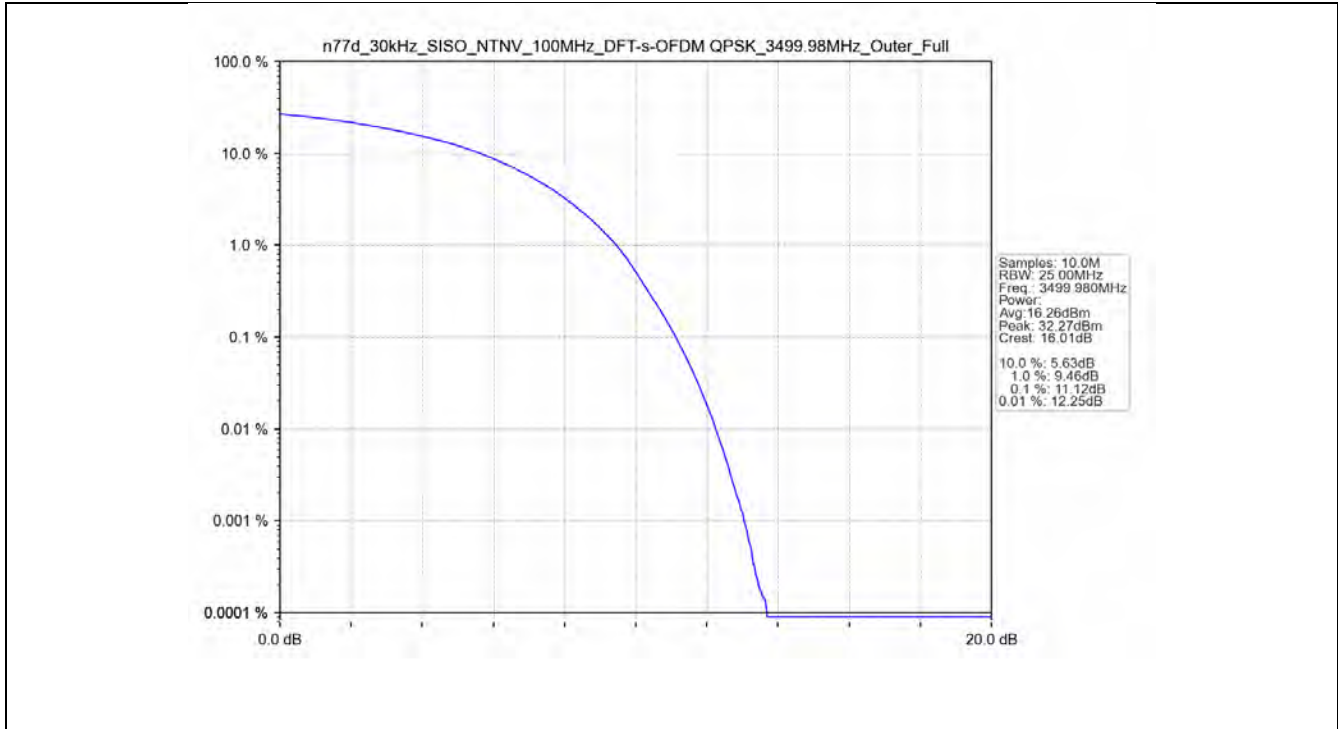


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Rev.: 01

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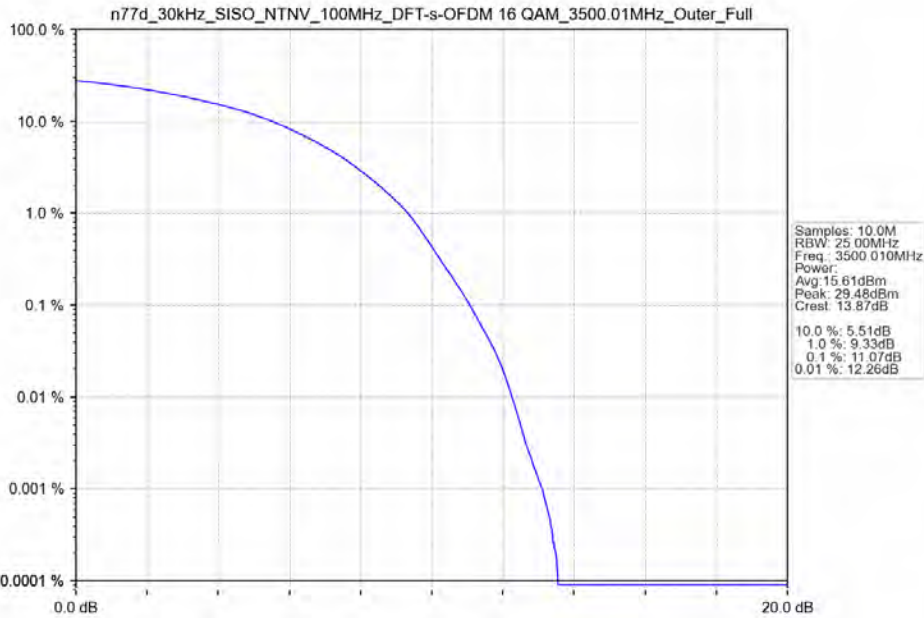
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Report No.: SZCR240100038409

Rev.: 01

Page: 364 of 973

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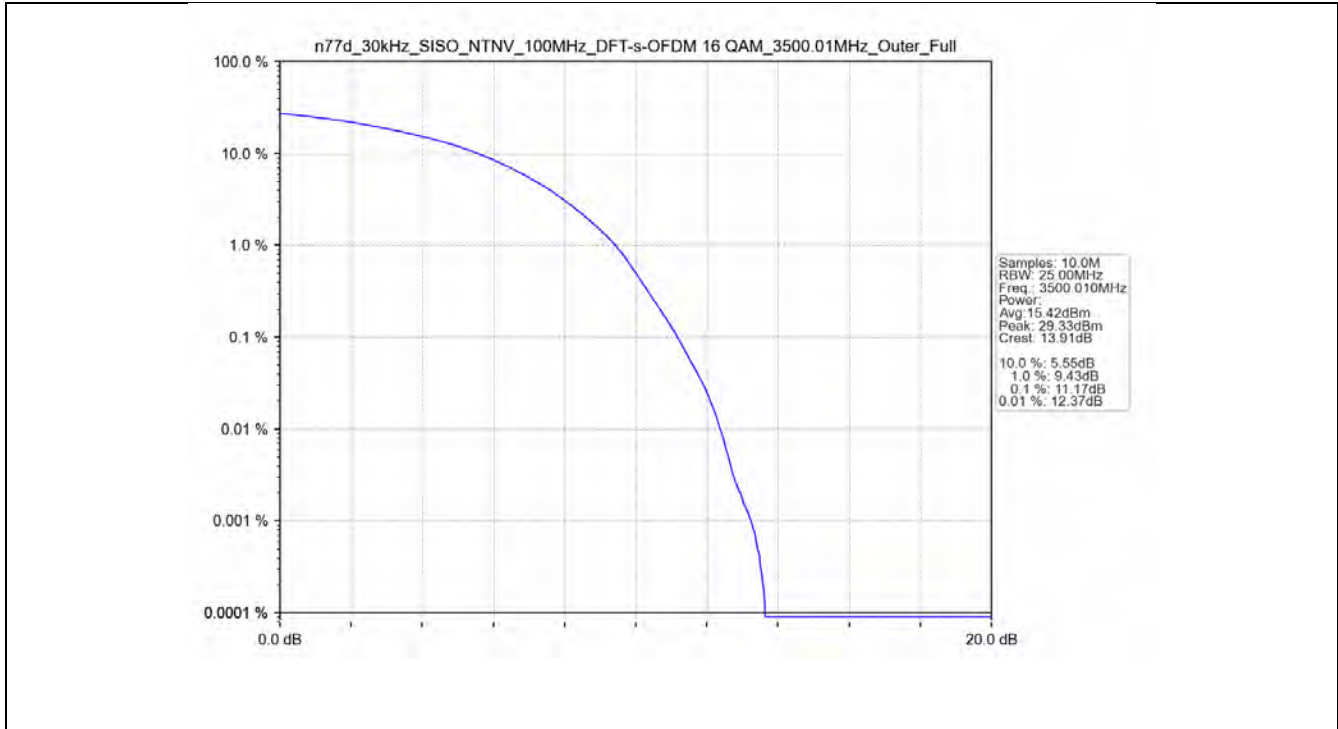


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Report No.: SZCR240100038409

Rev.: 01

Page: 365 of 973



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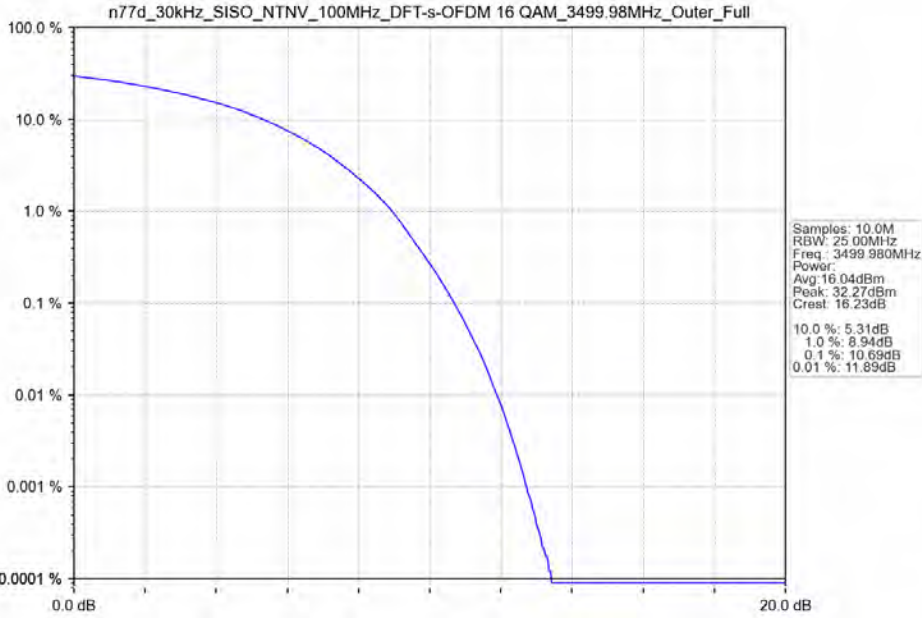
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Report No.: SZCR240100038409

Rev.: 01

Page: 366 of 973

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n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full



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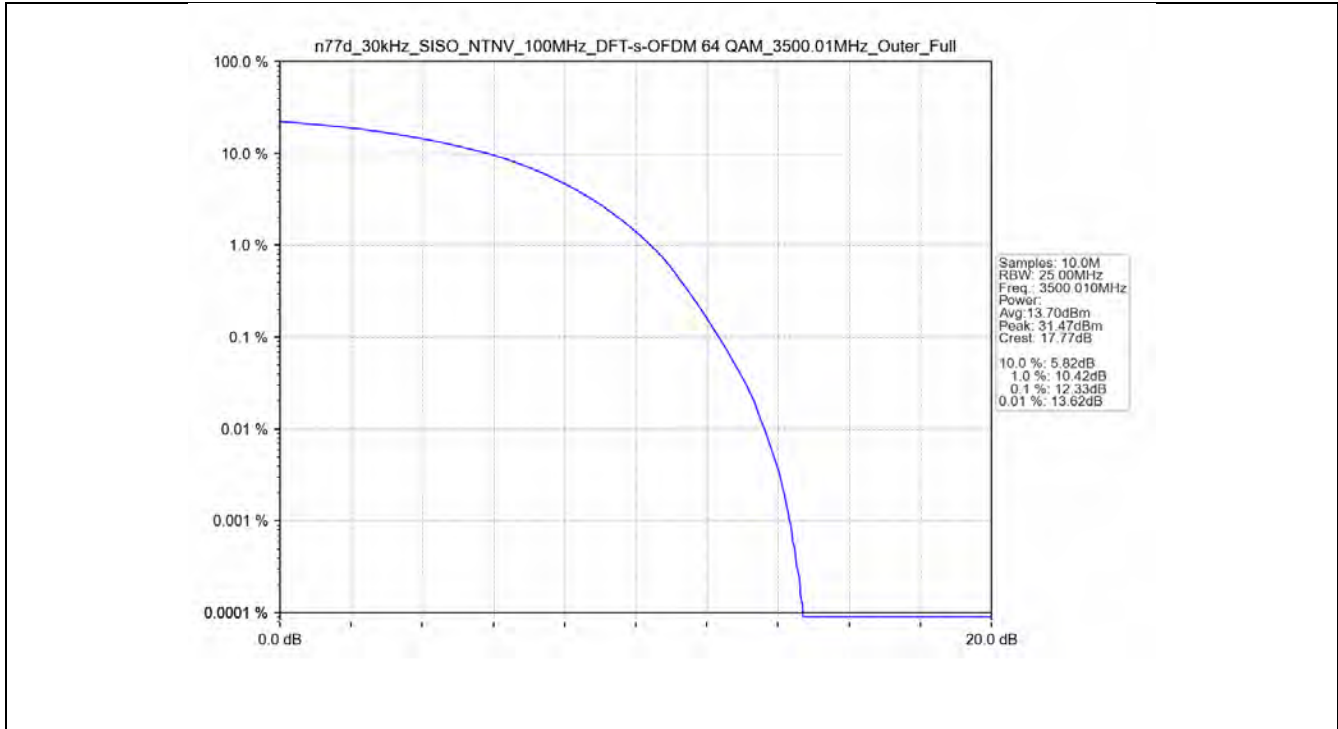


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Report No.: SZCR240100038409

Rev.: 01

Page: 367 of 973



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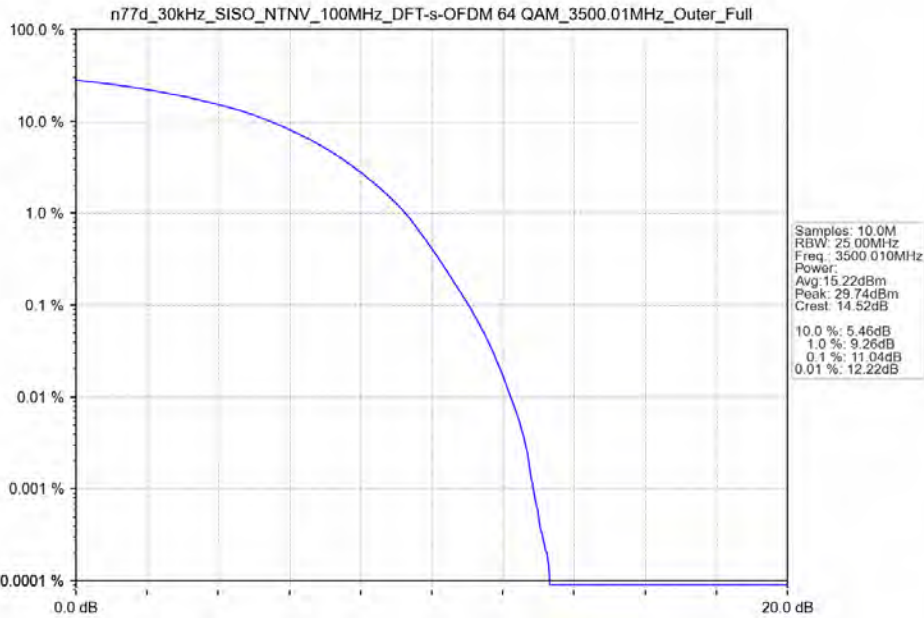
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Report No.: SZCR240100038409

Rev.: 01

Page: 368 of 973

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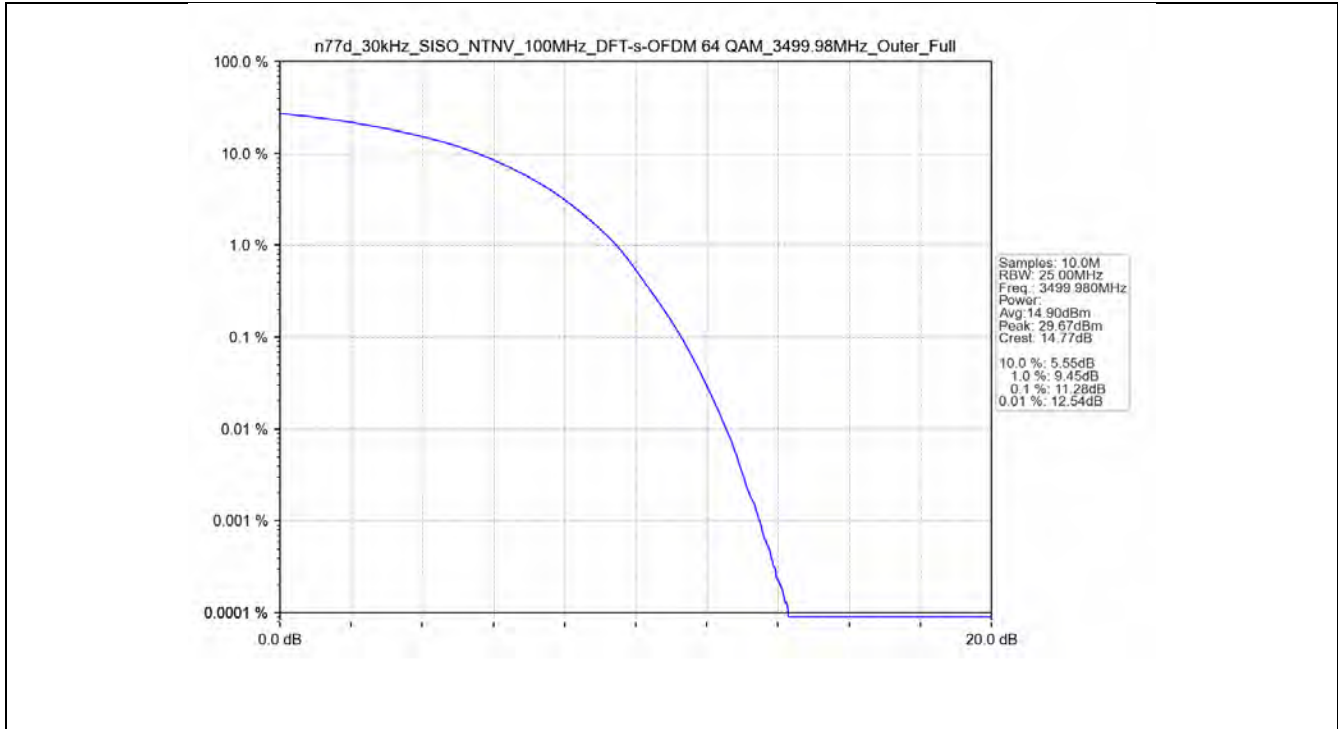


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Report No.: SZCR240100038409

Rev.: 01

Page: 369 of 973



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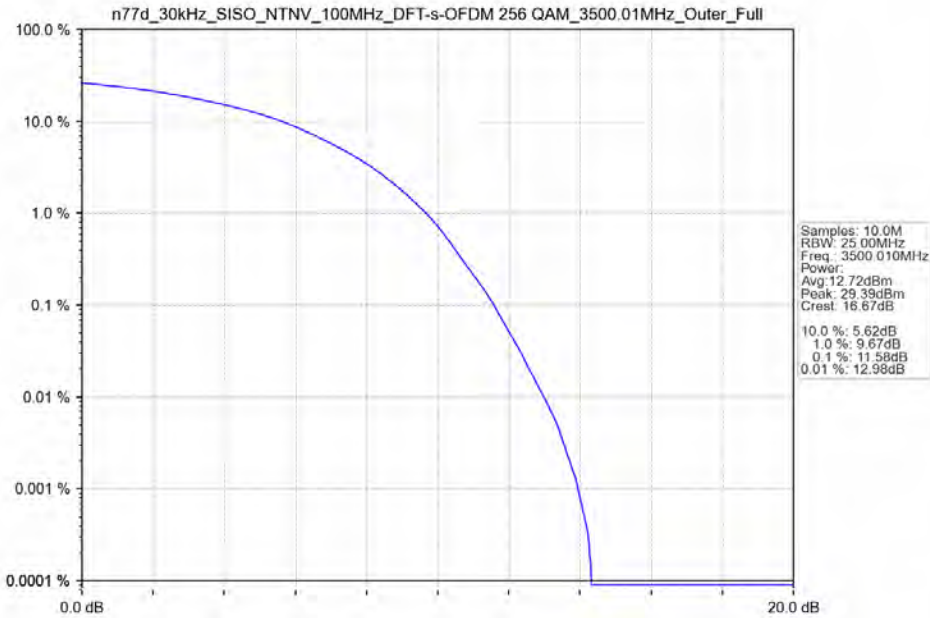
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Report No.: SZCR240100038409

Rev.: 01

Page: 370 of 973

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n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full



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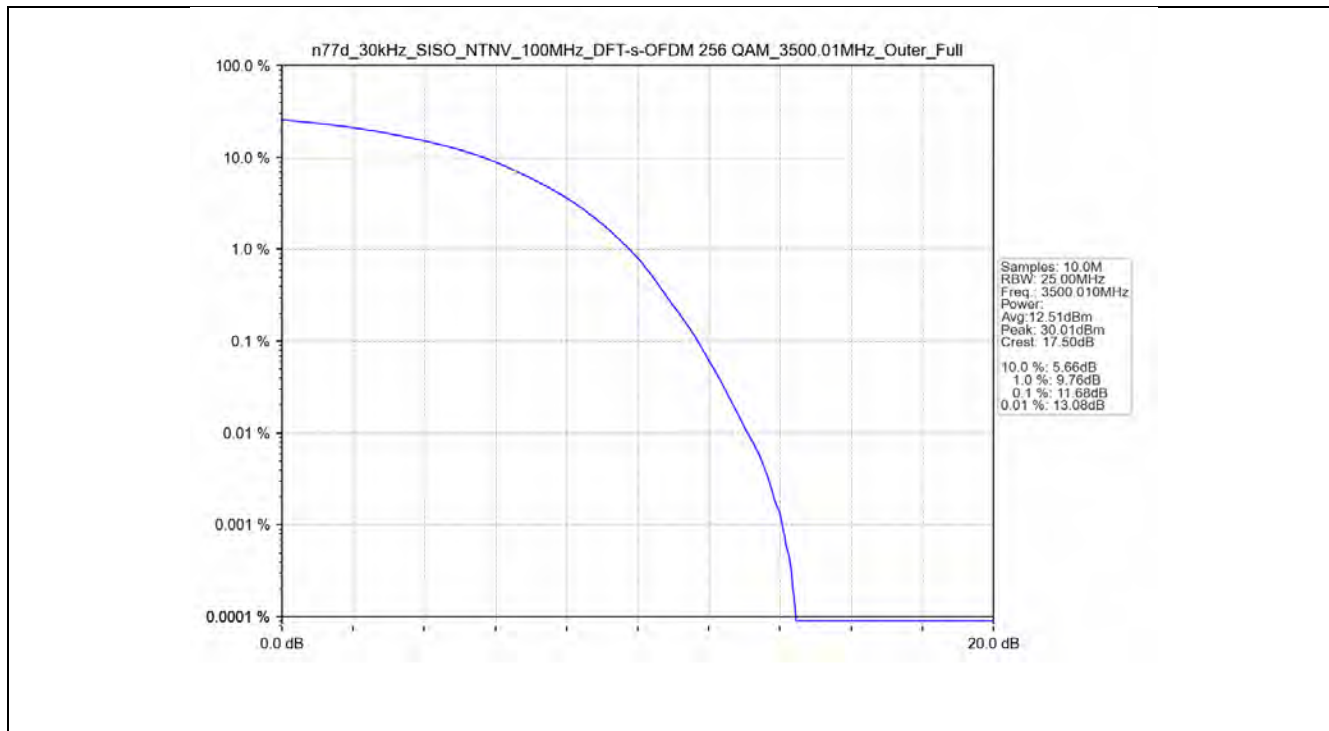
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Report No.: SZCR240100038409
Rev.: 01
Page: 371 of 973



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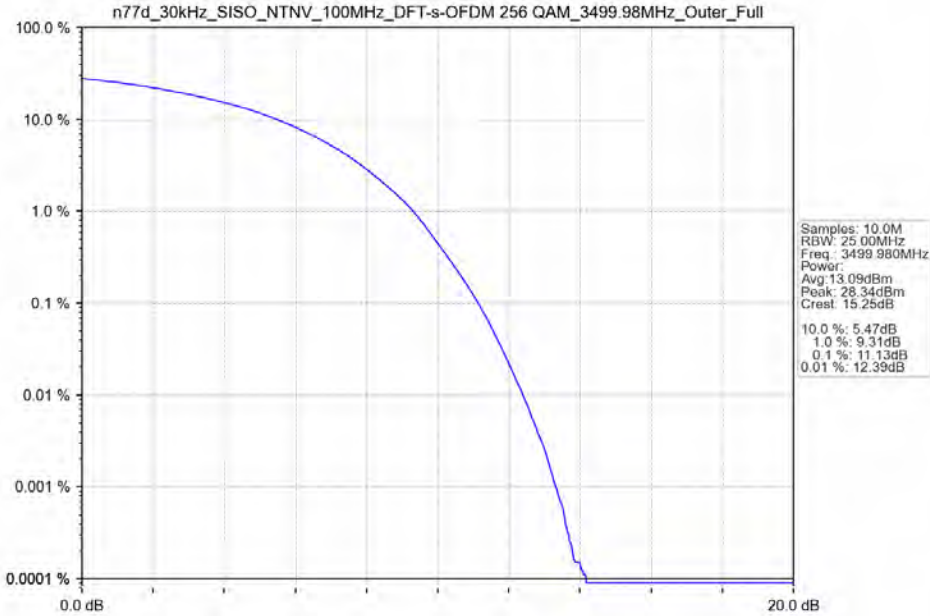
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Report No.: SZCR240100038409

Rev.: 01

Page: 372 of 973

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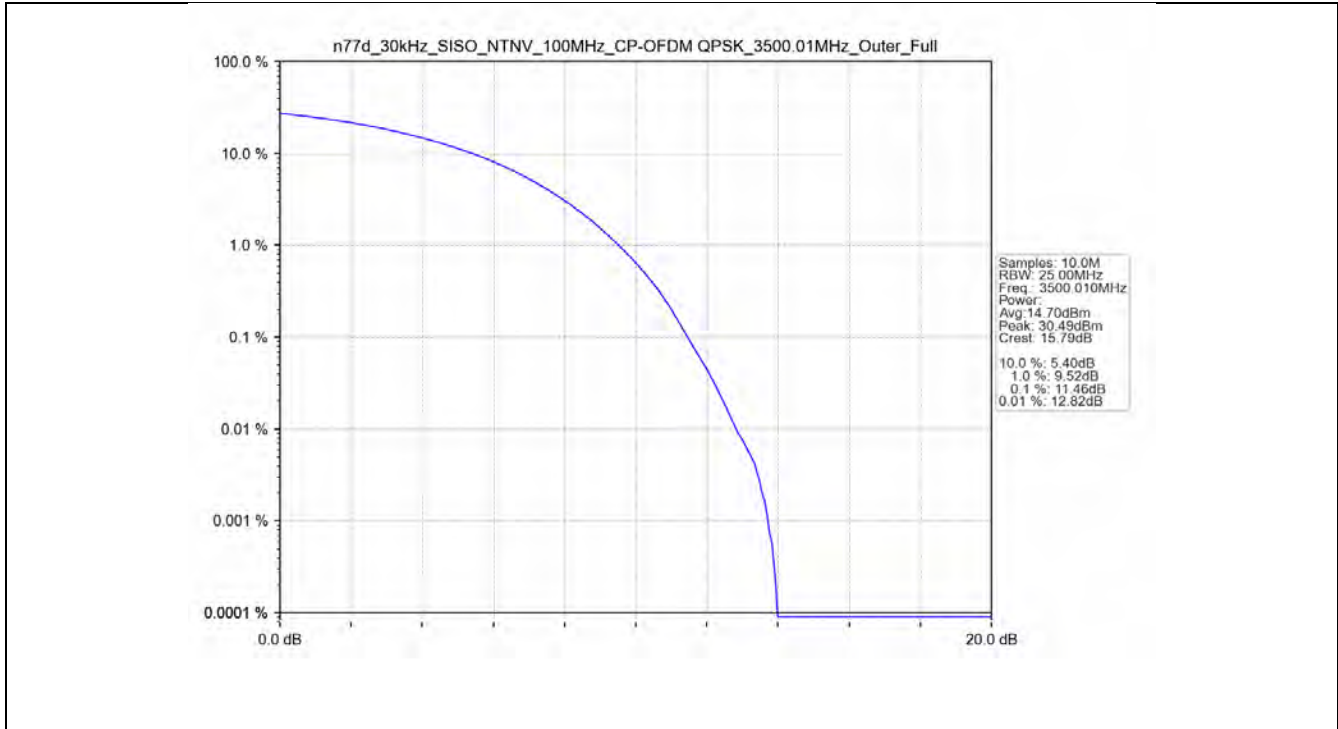


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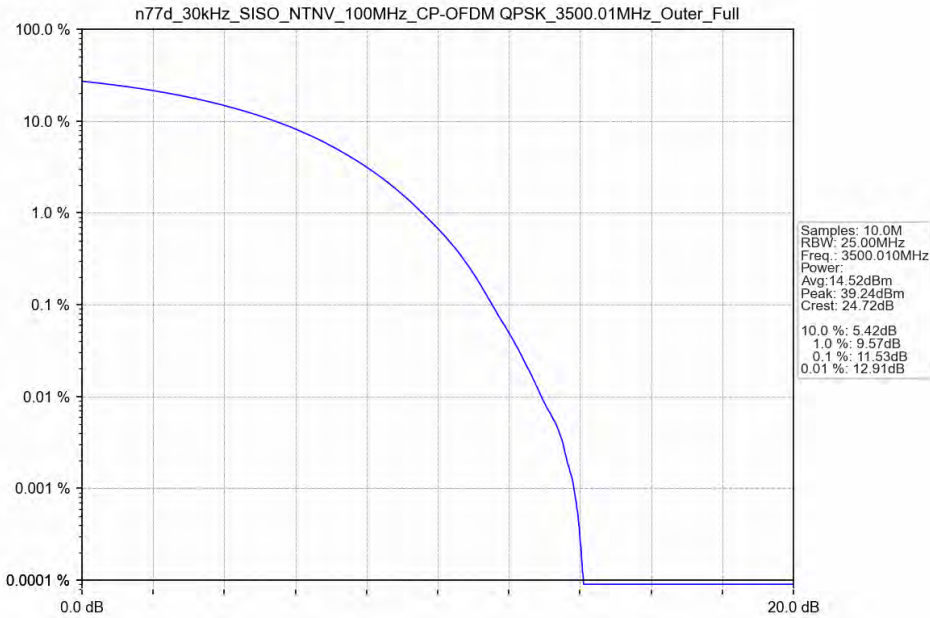
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Report No.: SZCR240100038409

Rev.: 01

Page: 374 of 973

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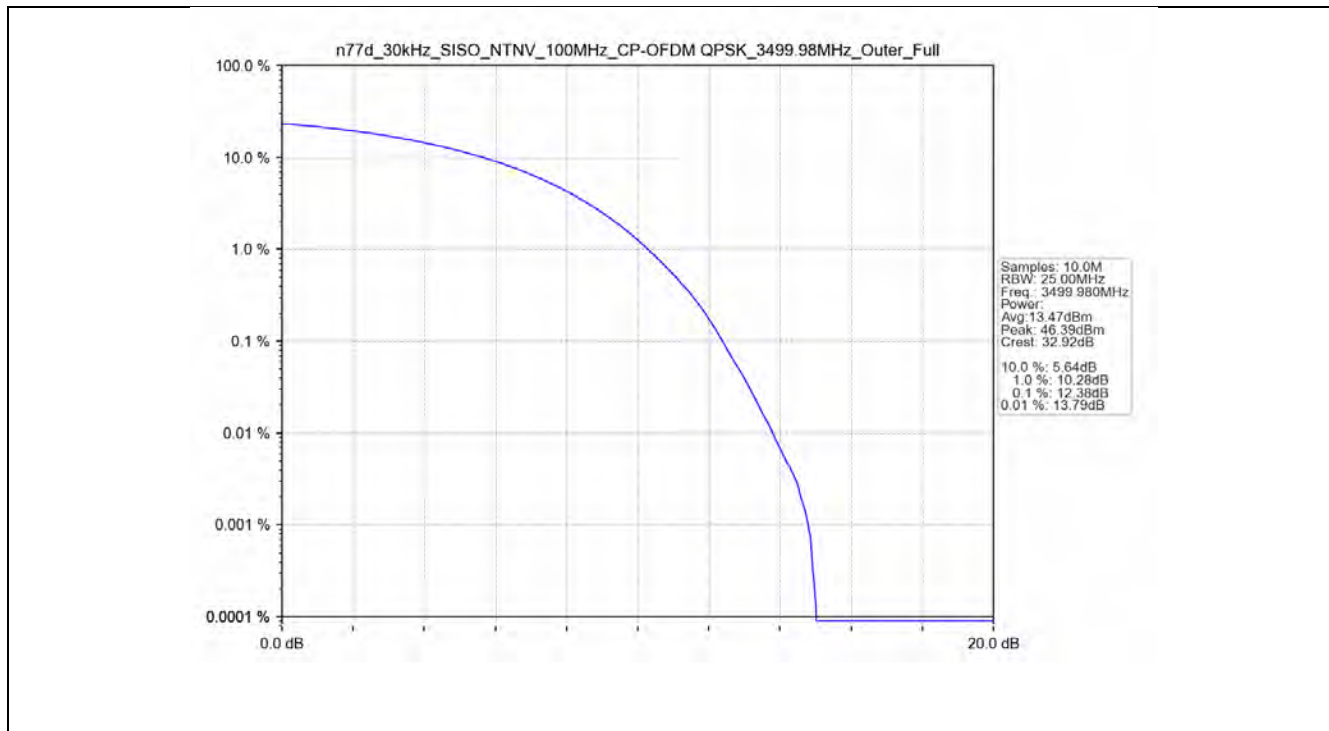
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Rev.: 01
Page: 375 of 973



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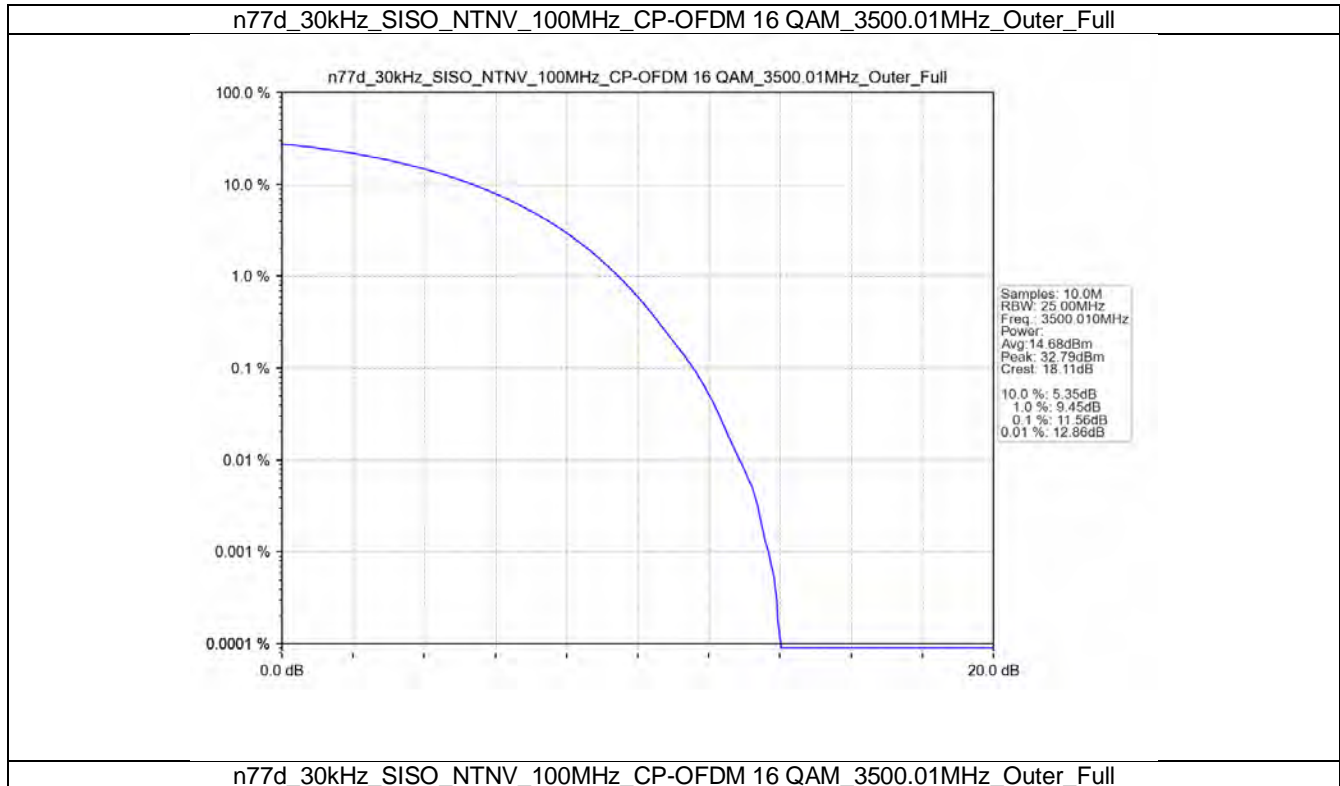


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Report No.: SZCR240100038409

Rev.: 01

Page: 376 of 973



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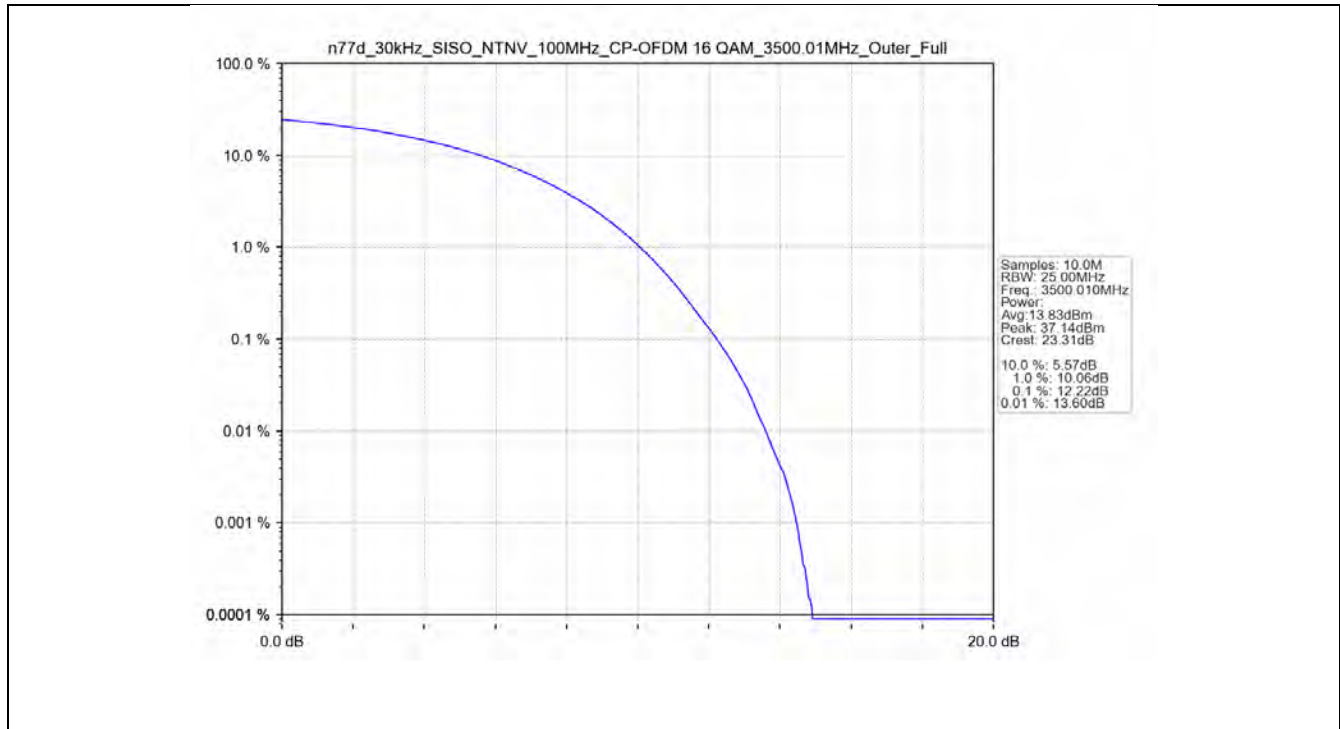


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Report No.: SZCR240100038409

Rev.: 01

Page: 377 of 973



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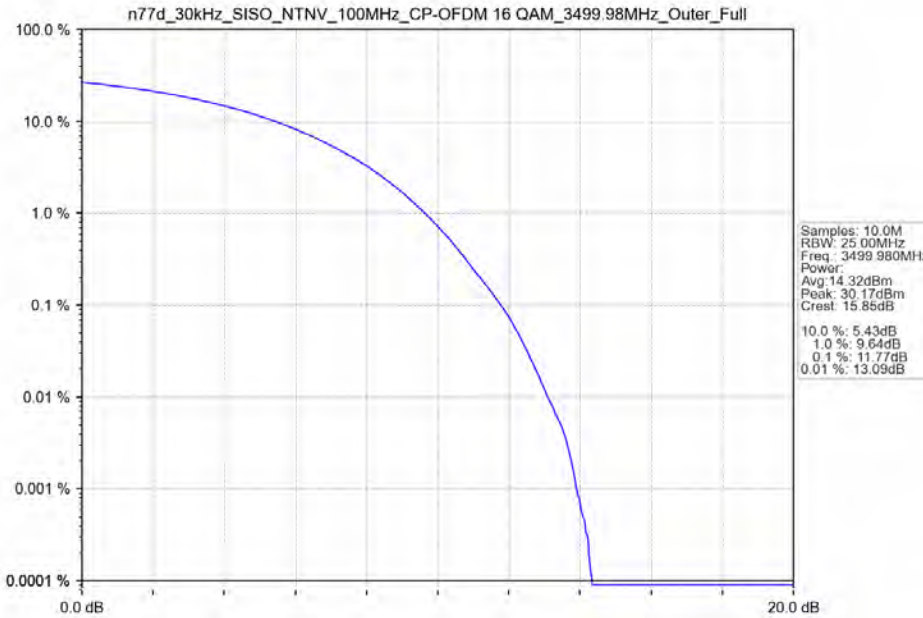
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Report No.: SZCR240100038409

Rev.: 01

Page: 378 of 973

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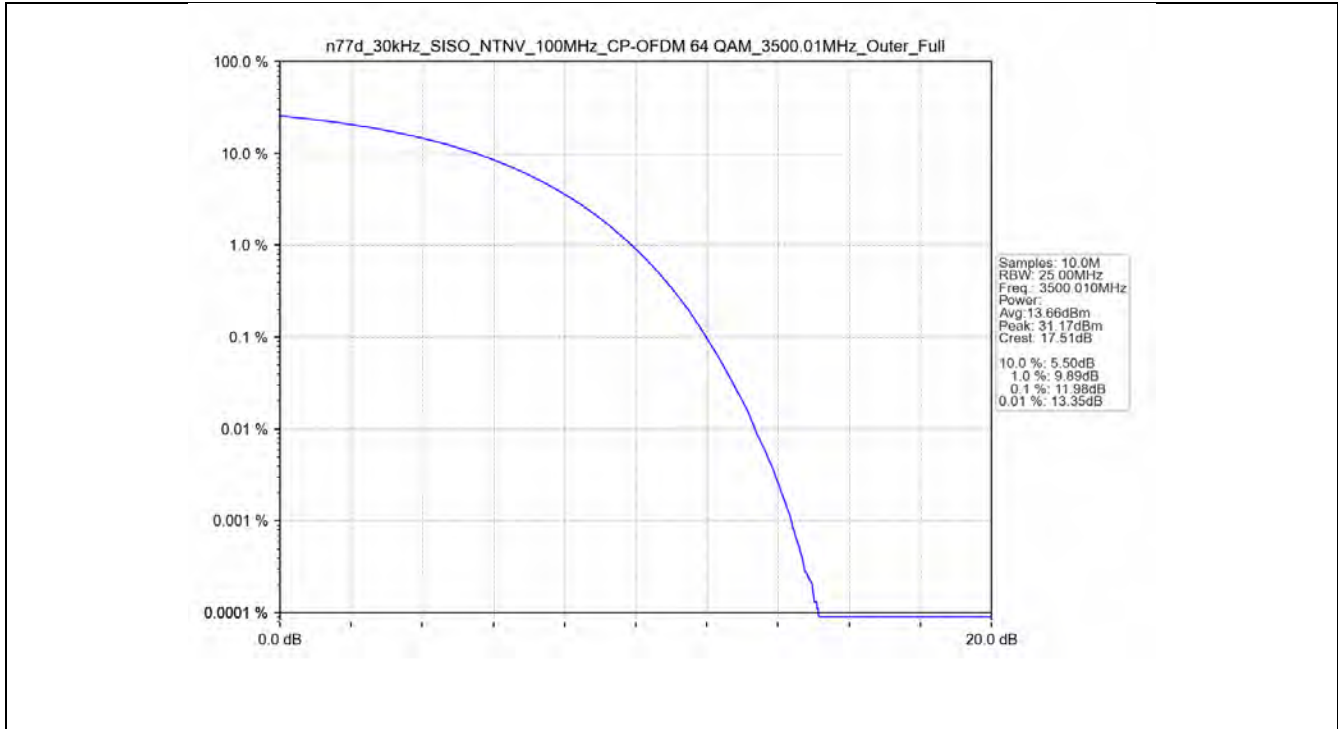


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Report No.: SZCR240100038409

Rev.: 01

Page: 379 of 973



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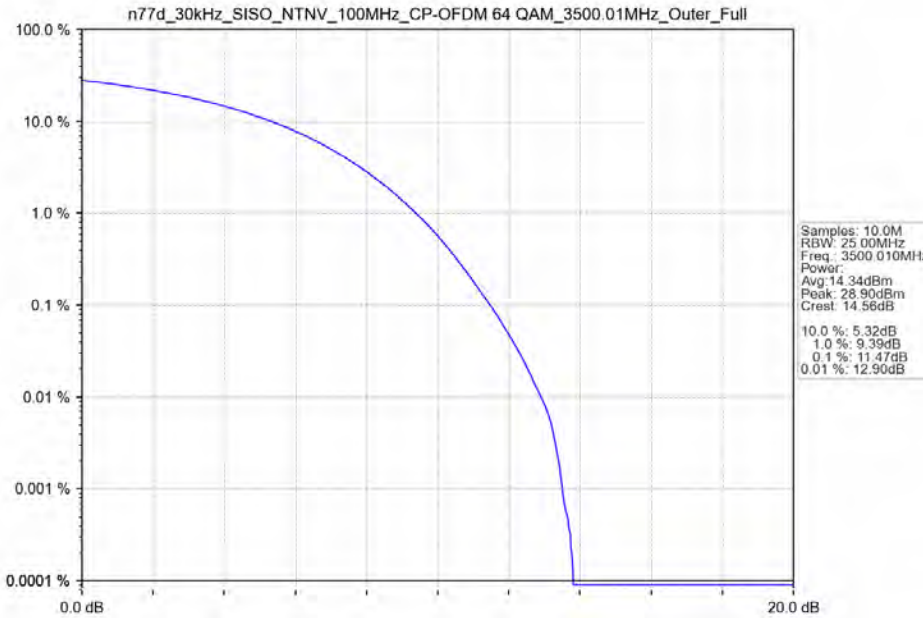
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Report No.: SZCR240100038409

Rev.: 01

Page: 380 of 973

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3499.98MHz_Outer_Full



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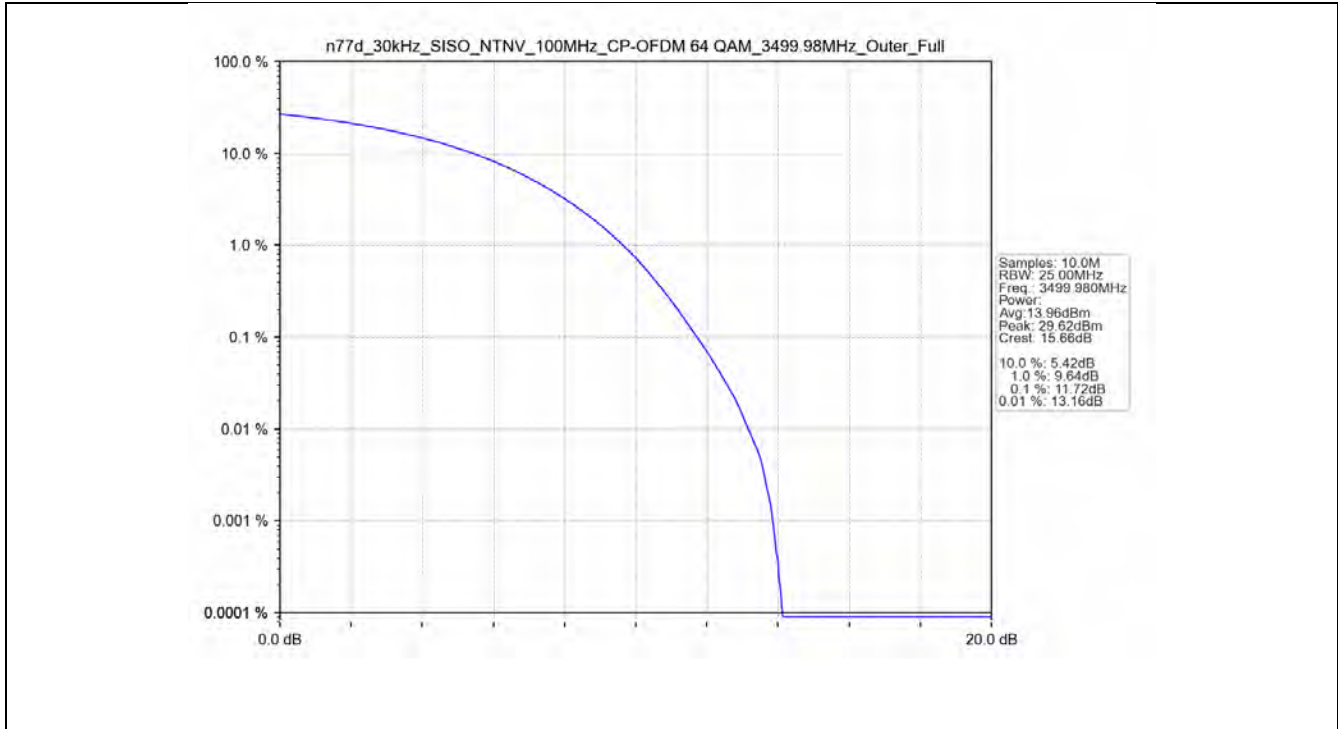


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Report No.: SZCR240100038409

Rev.: 01

Page: 381 of 973



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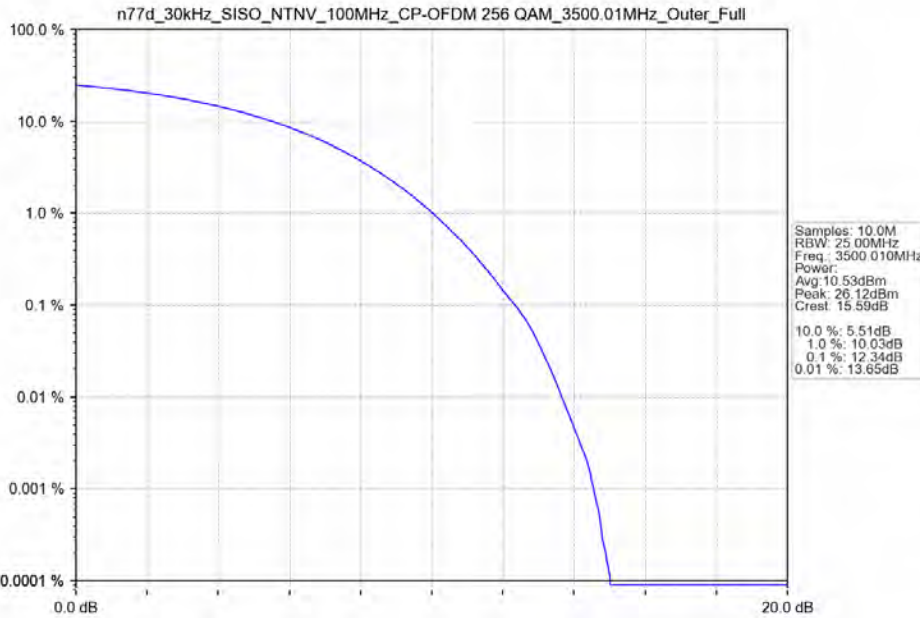
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Report No.: SZCR240100038409

Rev.: 01

Page: 382 of 973

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full



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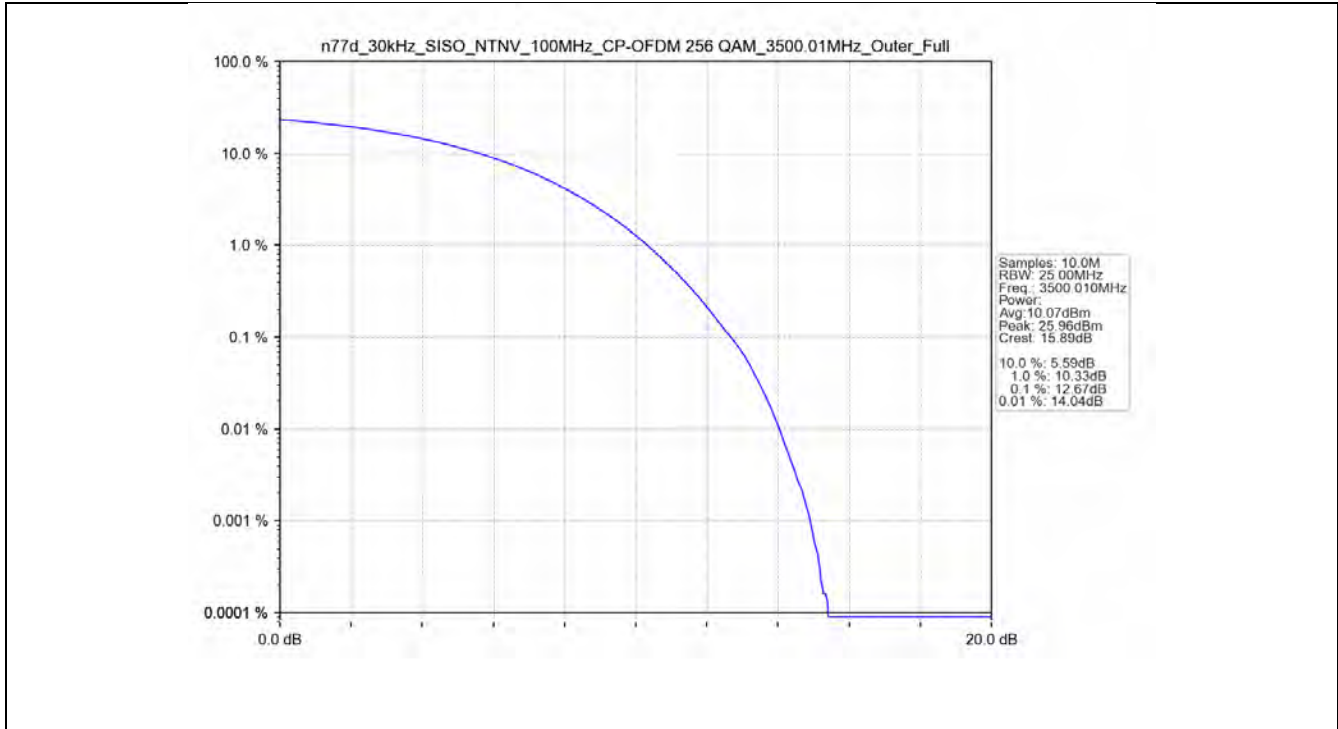


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Report No.: SZCR240100038409

Rev.: 01

Page: 383 of 973



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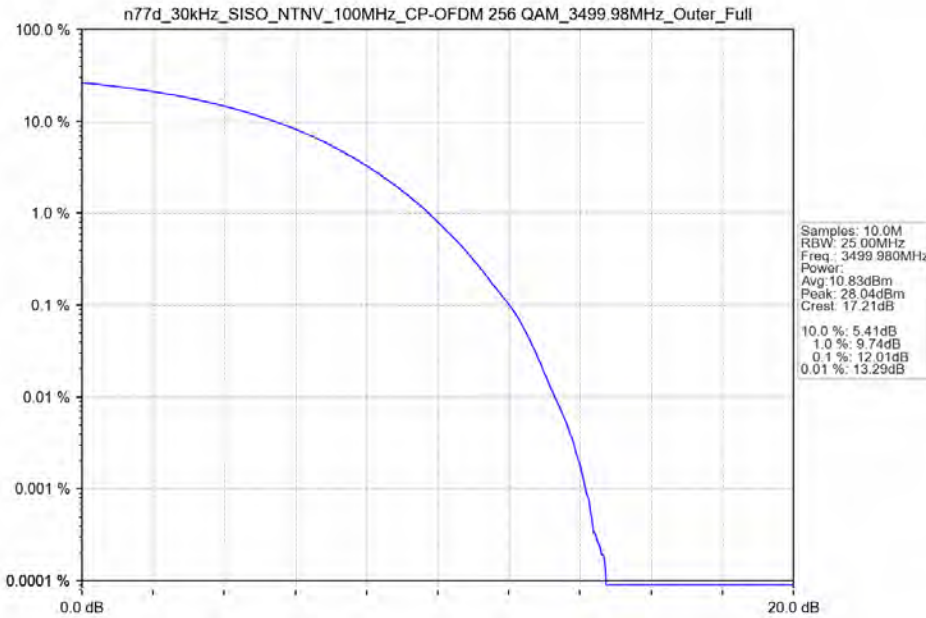
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Report No.: SZCR240100038409

Rev.: 01

Page: 384 of 973

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Report No.: SZCR240100038409
 Rev.: 01
 Page: 385 of 973

5. Spurious Emission & Band Edges

5.1 30k_SISO_20MHz_NTNV

5.1.1 Test Result

5G NR n77d SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant4	Sum	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_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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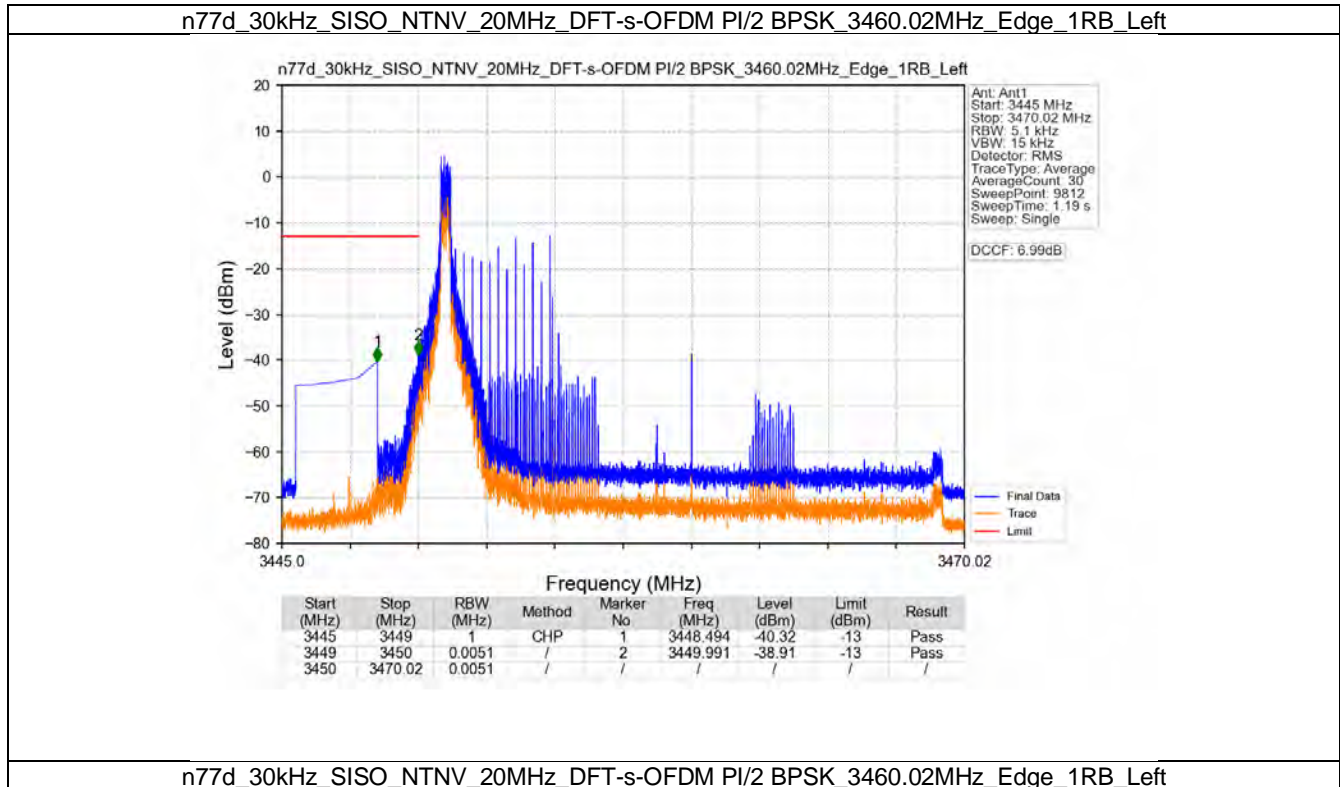
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Page: 386 of 973

5.1.2 Test Graph



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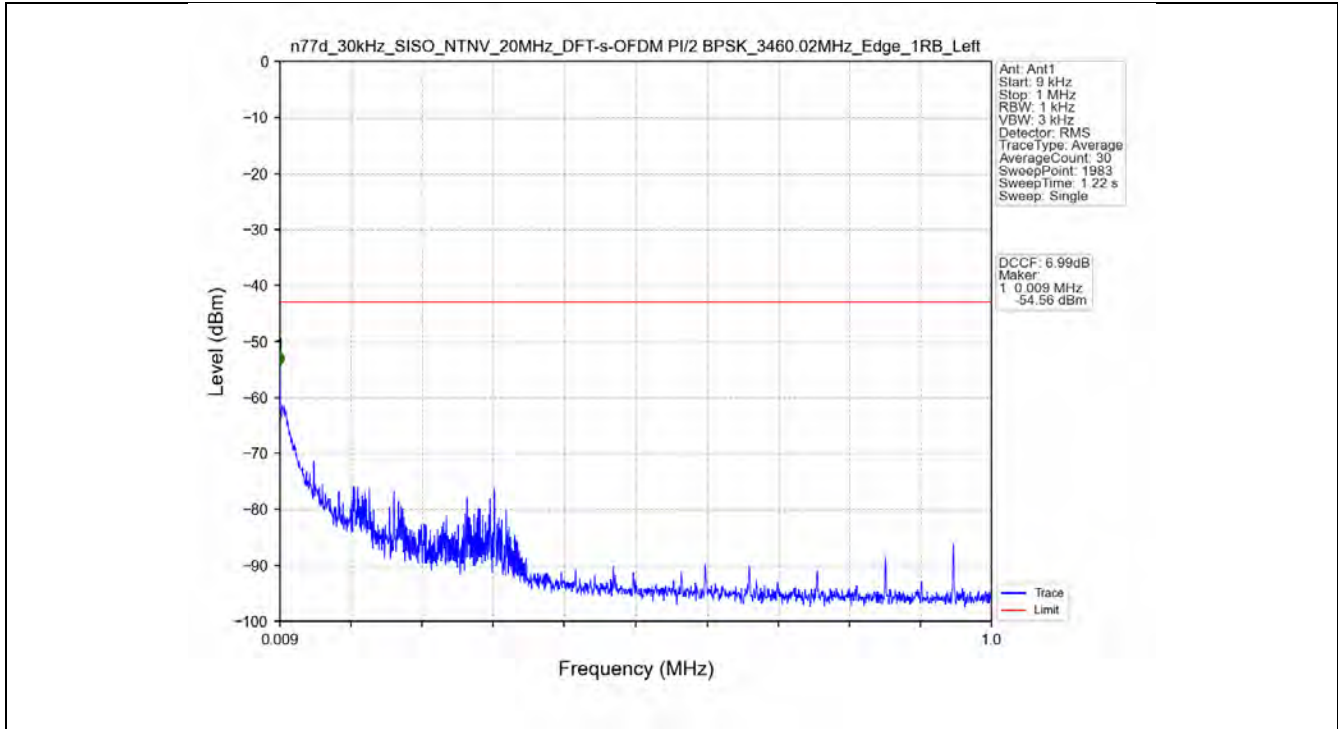


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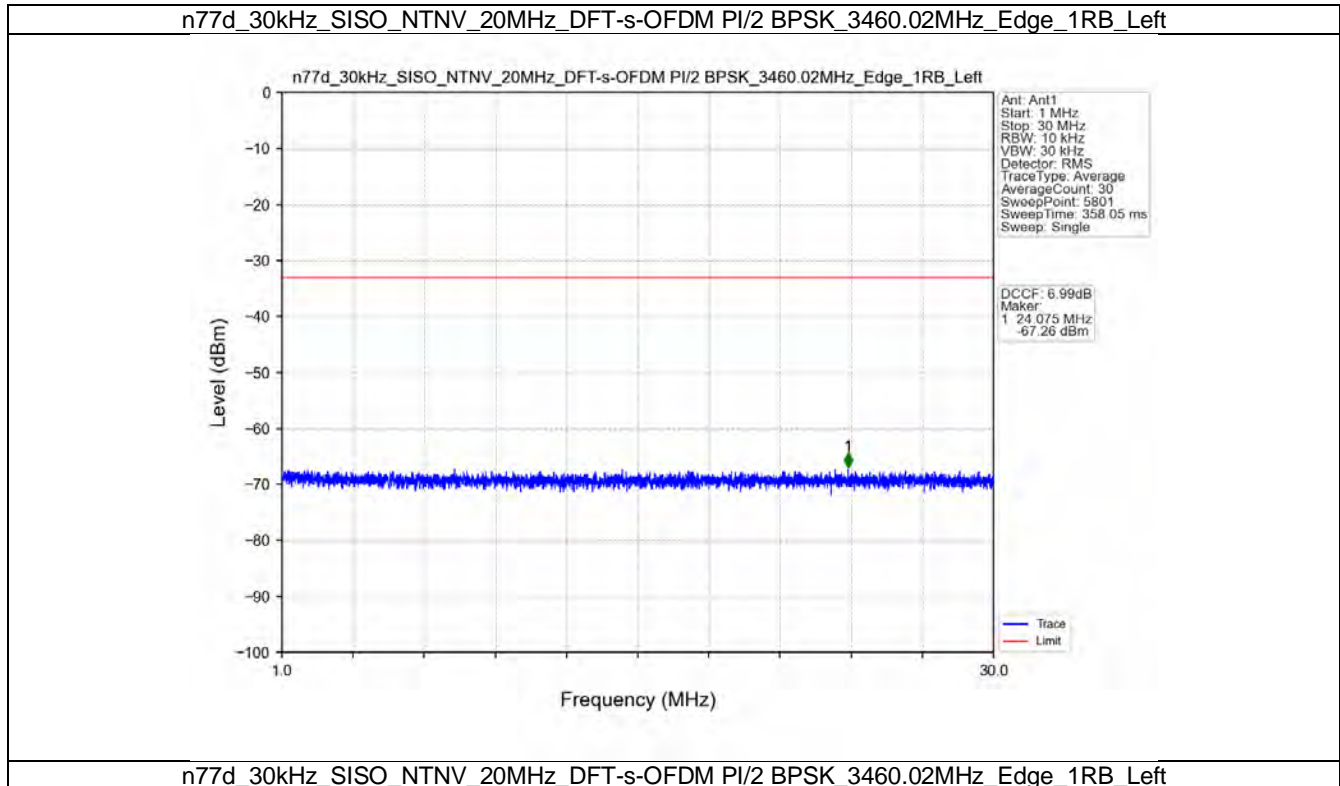


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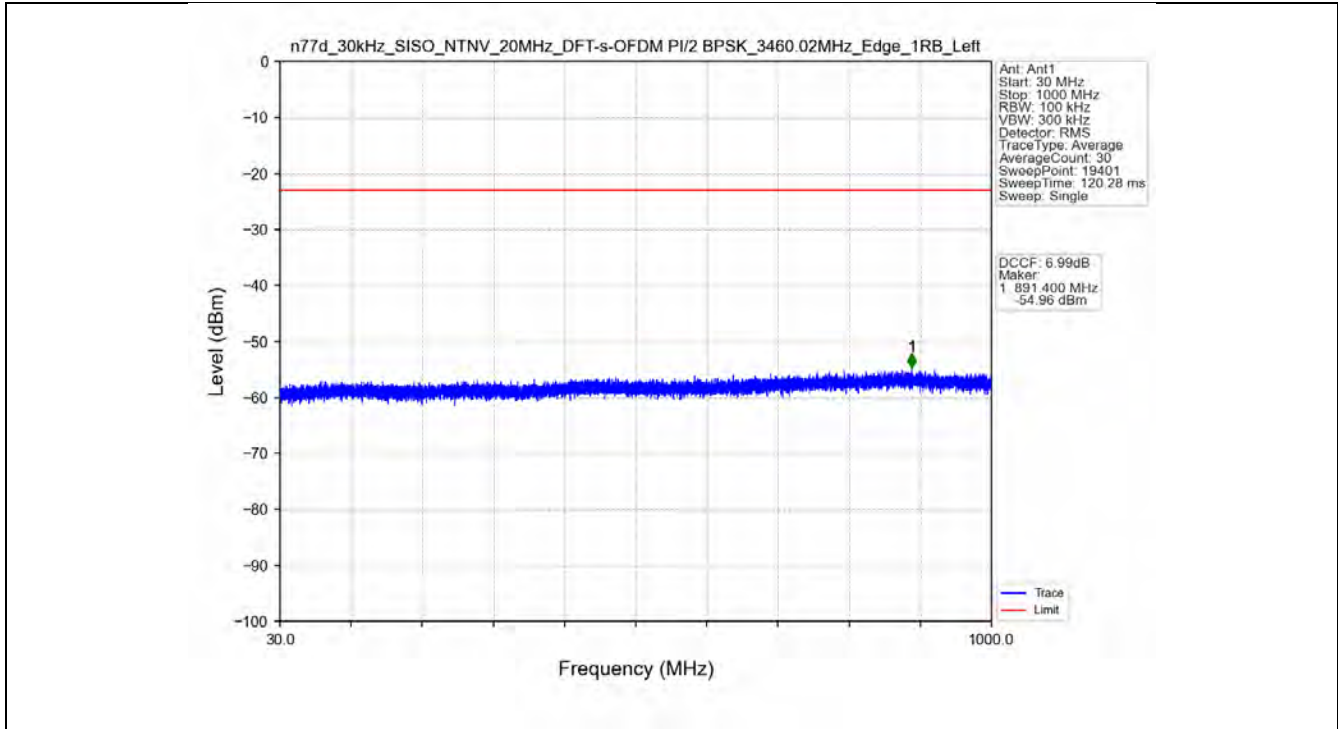


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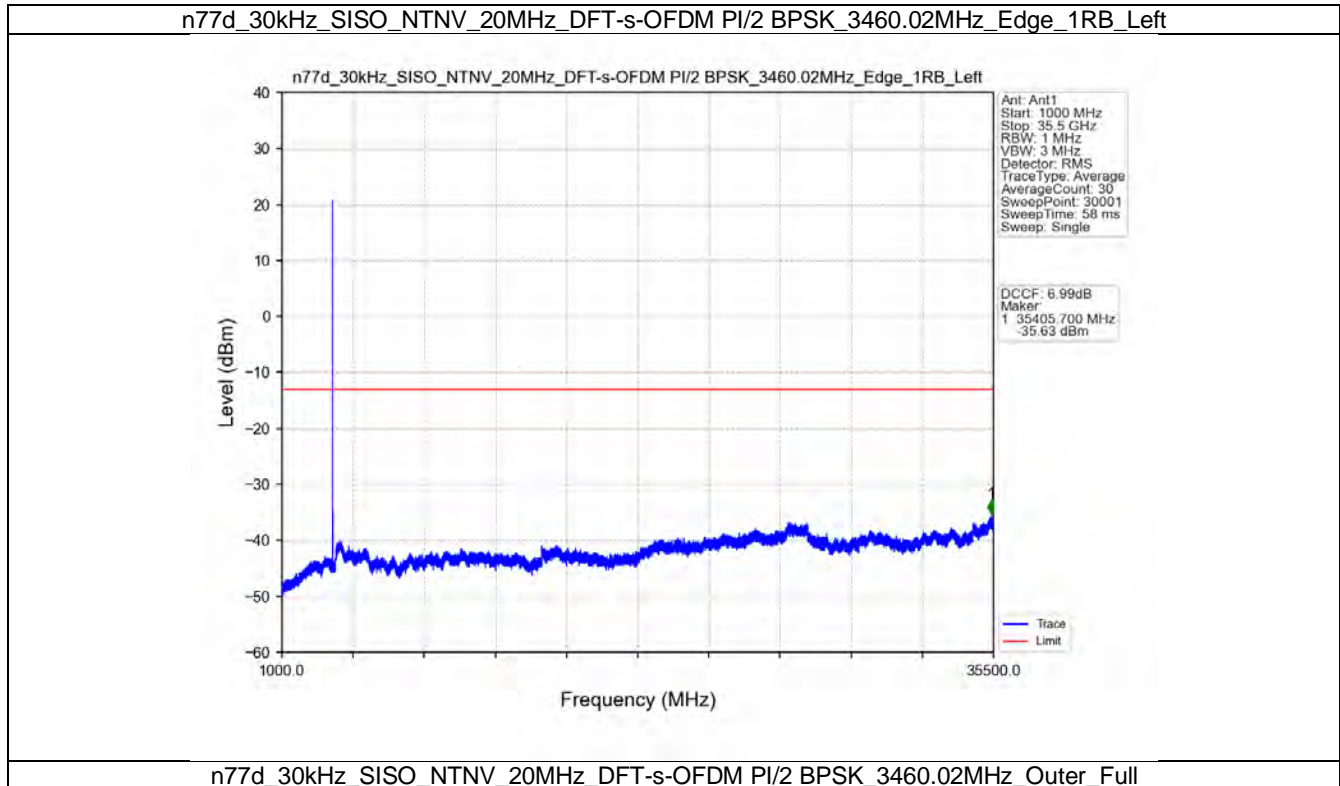


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Rev.: 01

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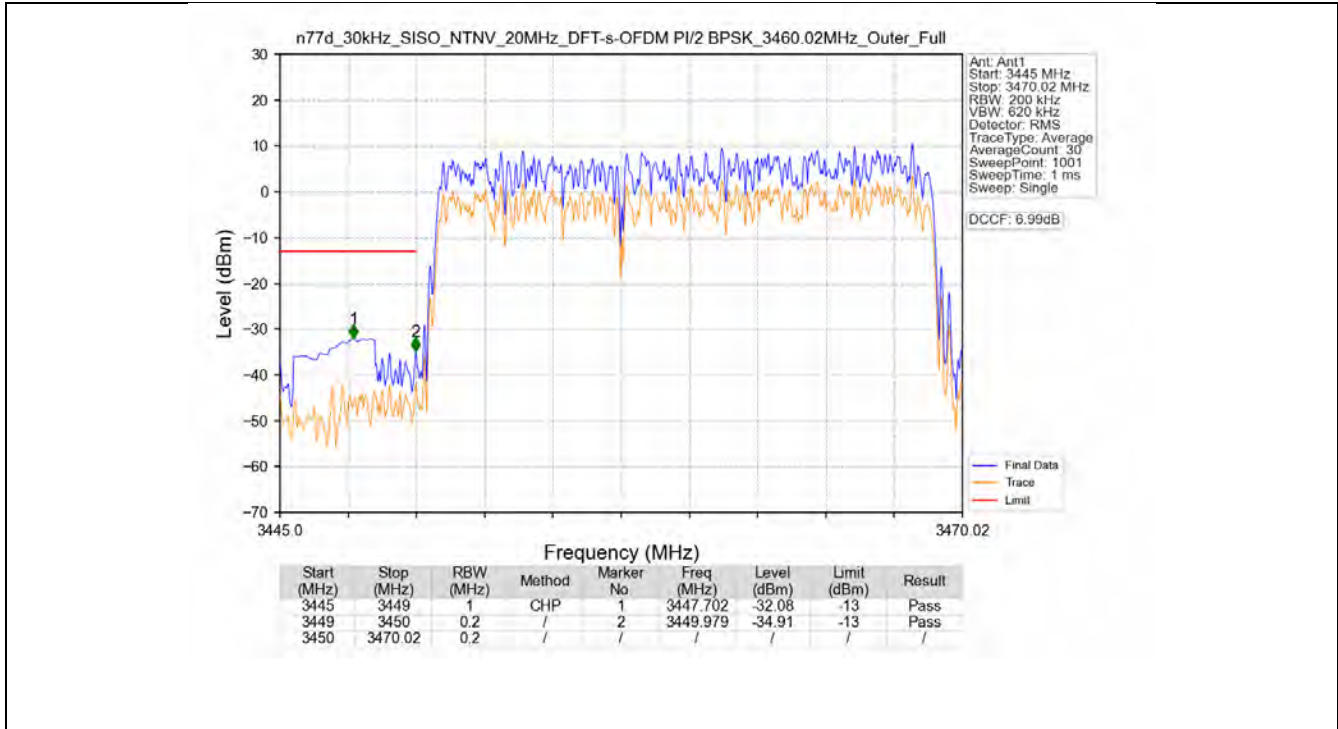


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Report No.: SZCR240100038409

Rev.: 01

Page: 391 of 973



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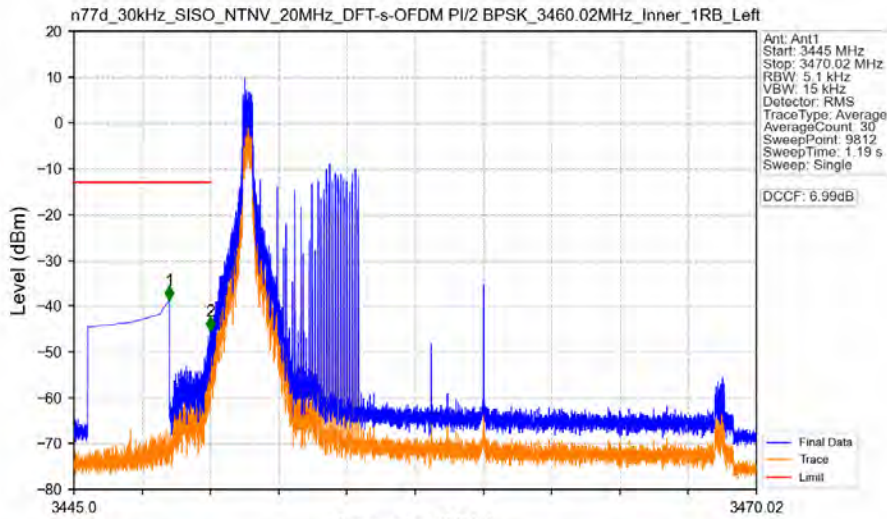
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Report No.: SZCR240100038409

Rev.: 01

Page: 392 of 973

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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	1	CHP	1	3448.499	-38.79	-13	Pass
3449	3450	0.0051	/	2	3449.998	-45.51	-13	Pass
3450	3470.02	0.0051	/	/	/	/	/	/

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



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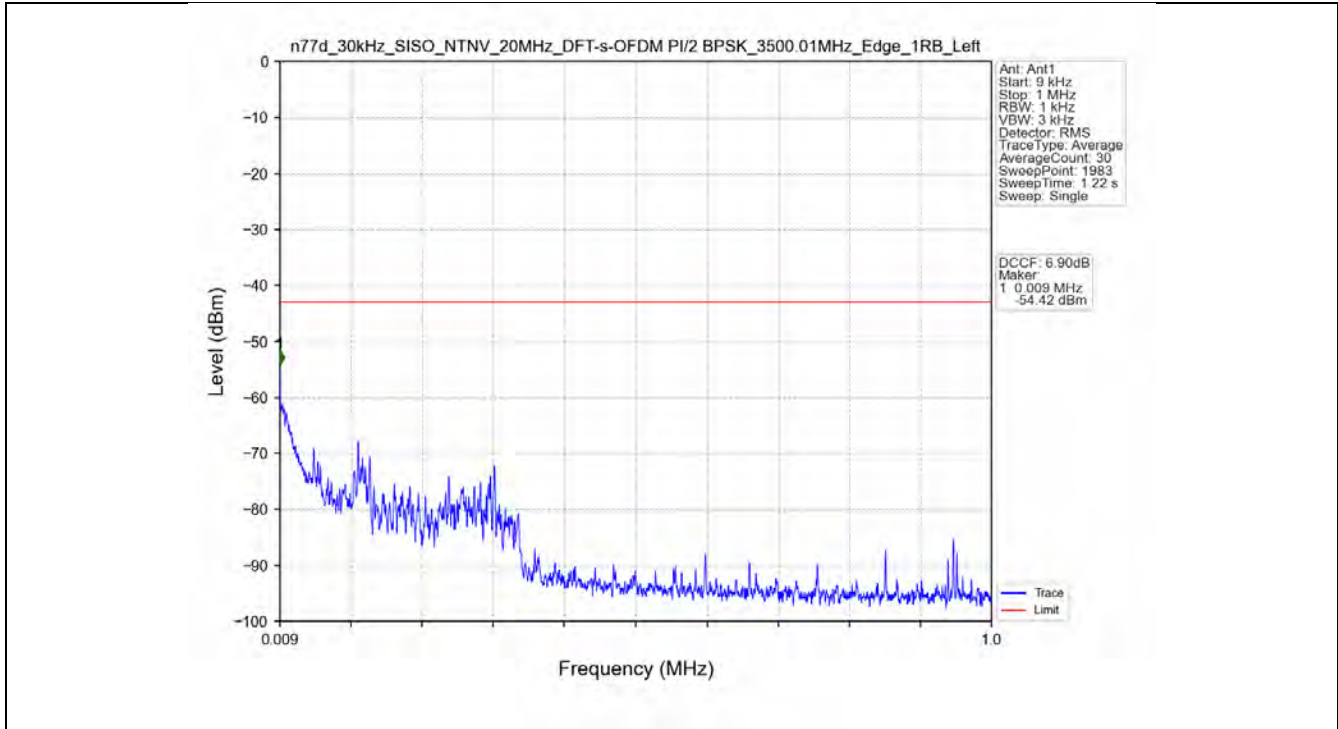


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Report No.: SZCR240100038409

Rev.: 01

Page: 393 of 973



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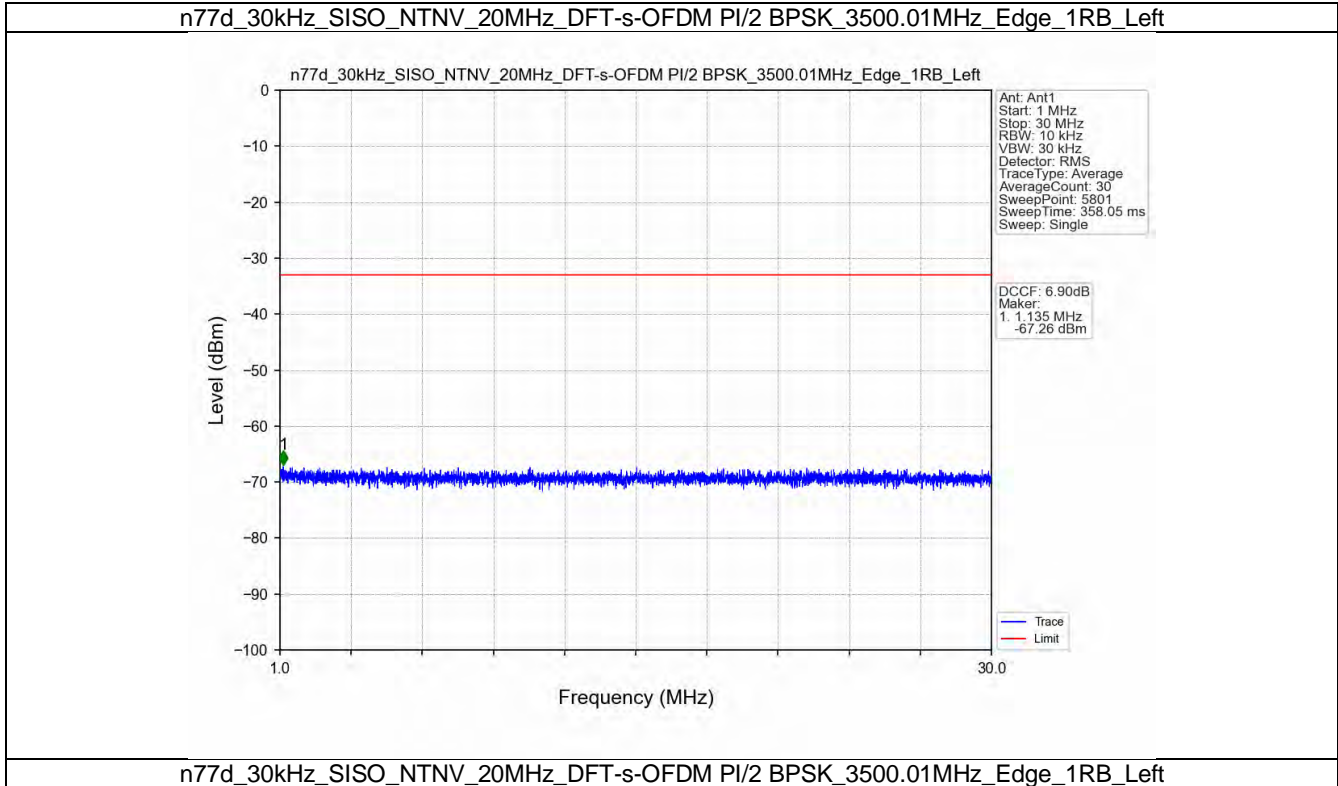


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Report No.: SZCR240100038409

Rev.: 01

Page: 394 of 973



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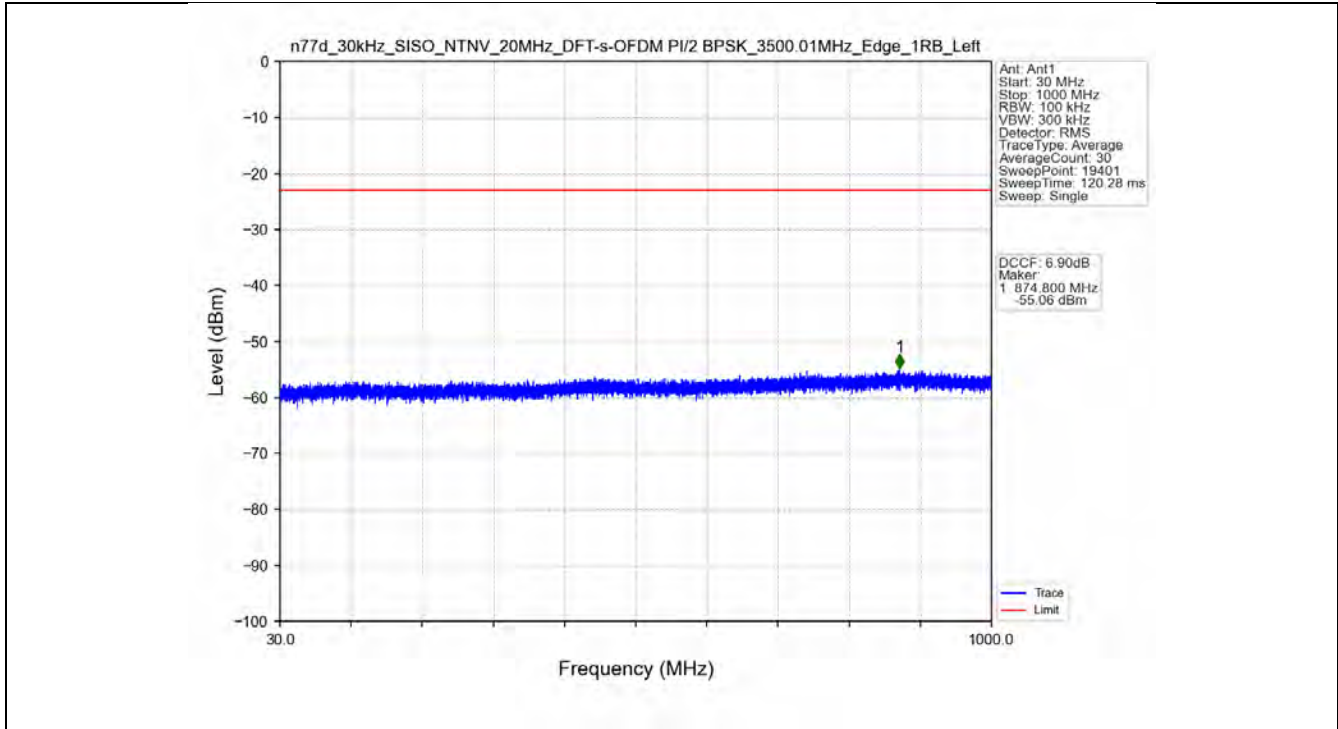


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Report No.: SZCR240100038409

Rev.: 01

Page: 395 of 973



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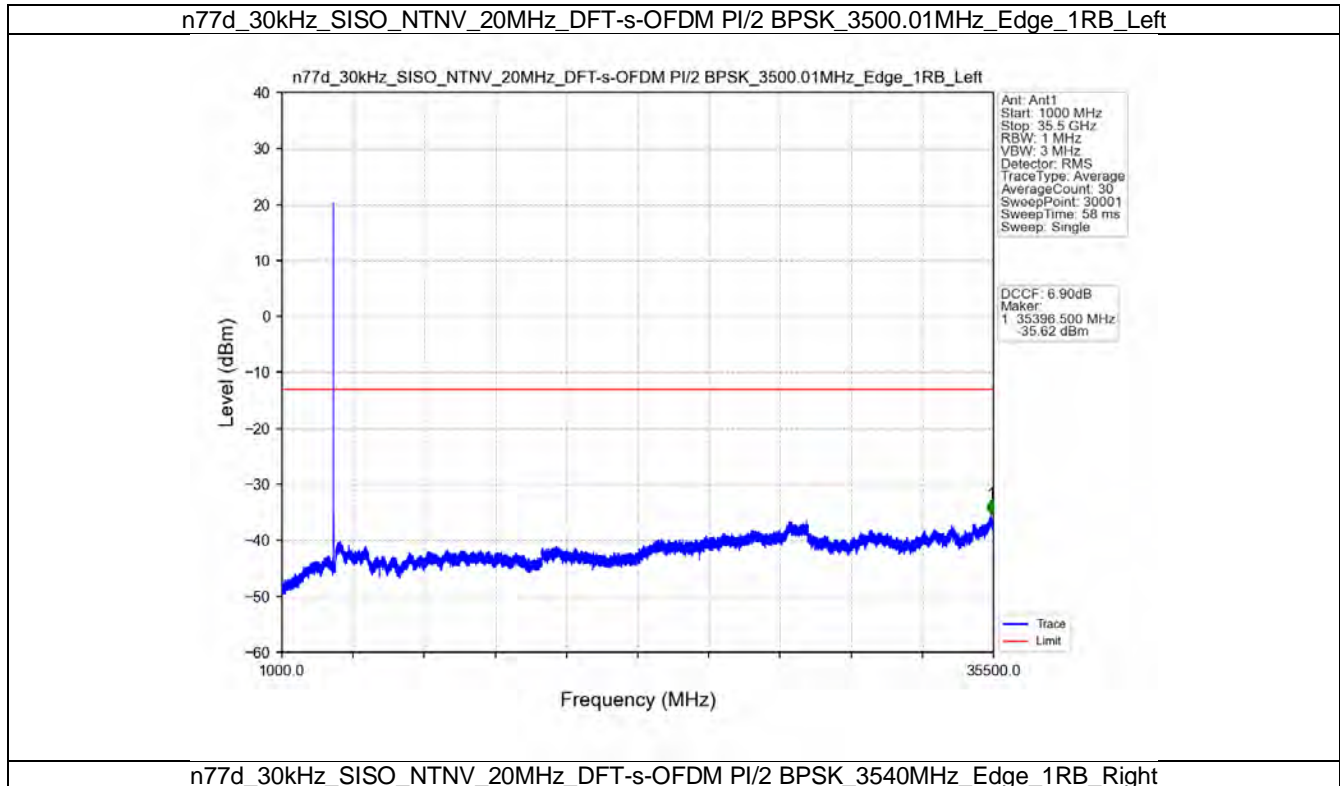


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Report No.: SZCR240100038409

Rev.: 01

Page: 396 of 973



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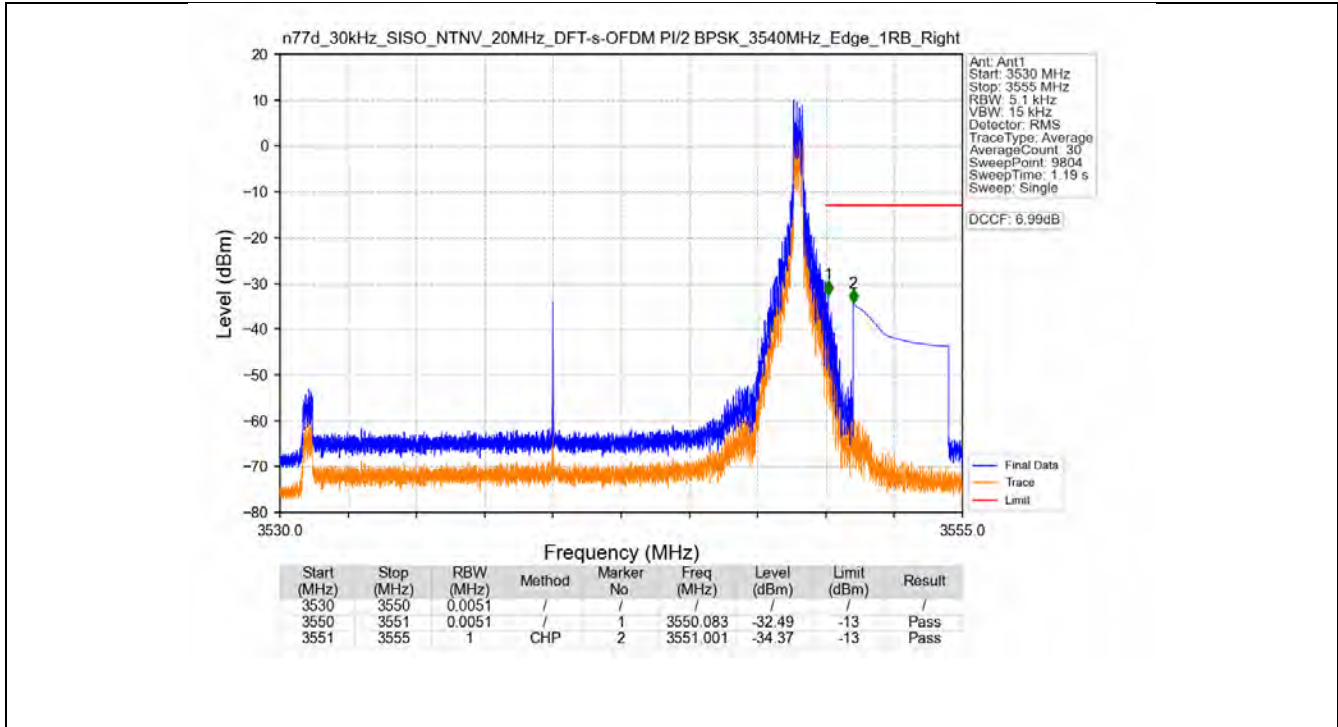


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Report No.: SZCR240100038409

Rev.: 01

Page: 397 of 973



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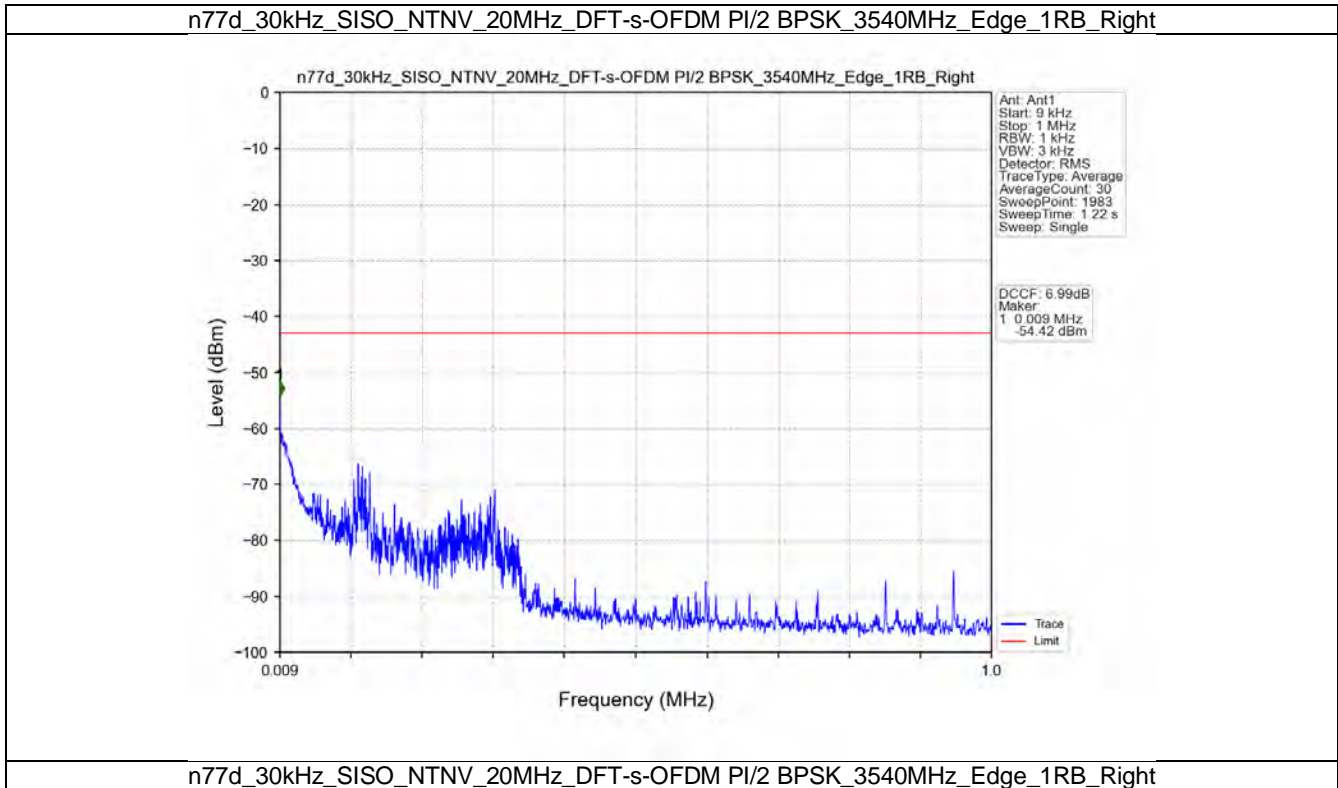


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Report No.: SZCR240100038409

Rev.: 01

Page: 398 of 973



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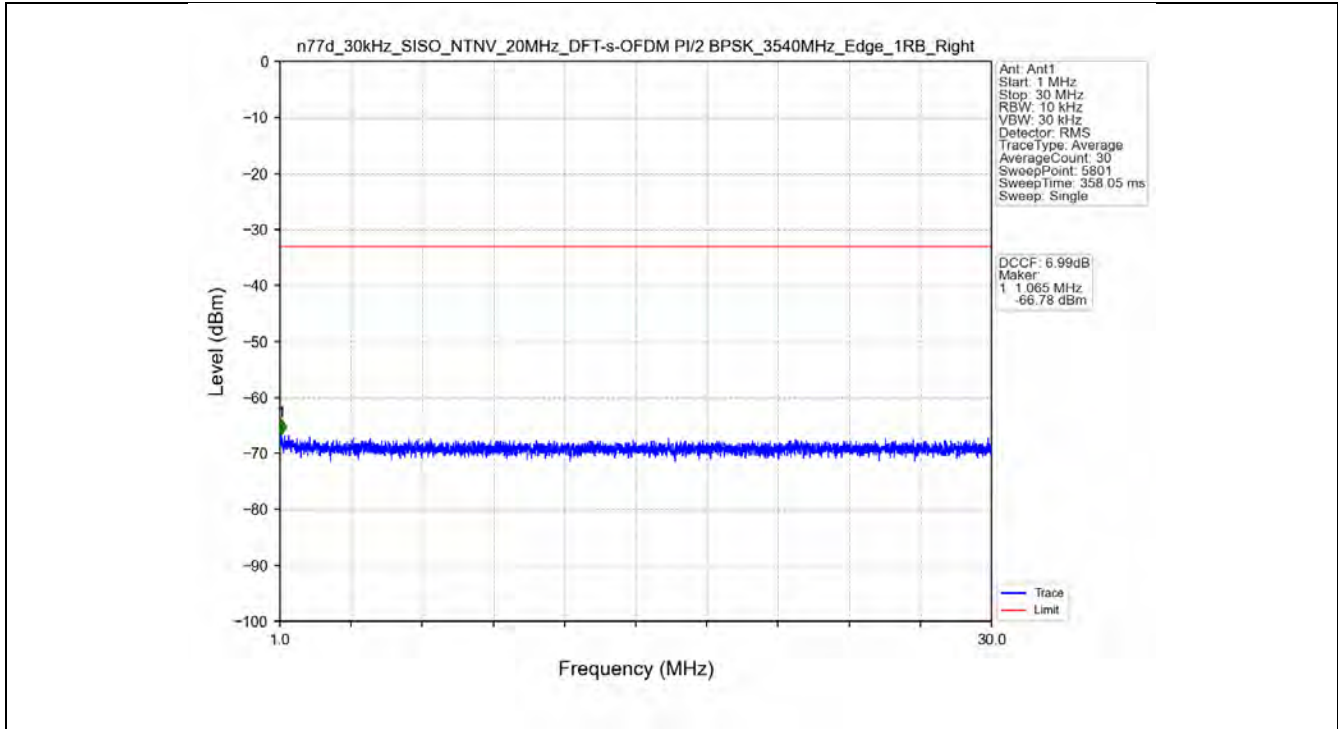


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Report No.: SZCR240100038409

Rev.: 01

Page: 399 of 973



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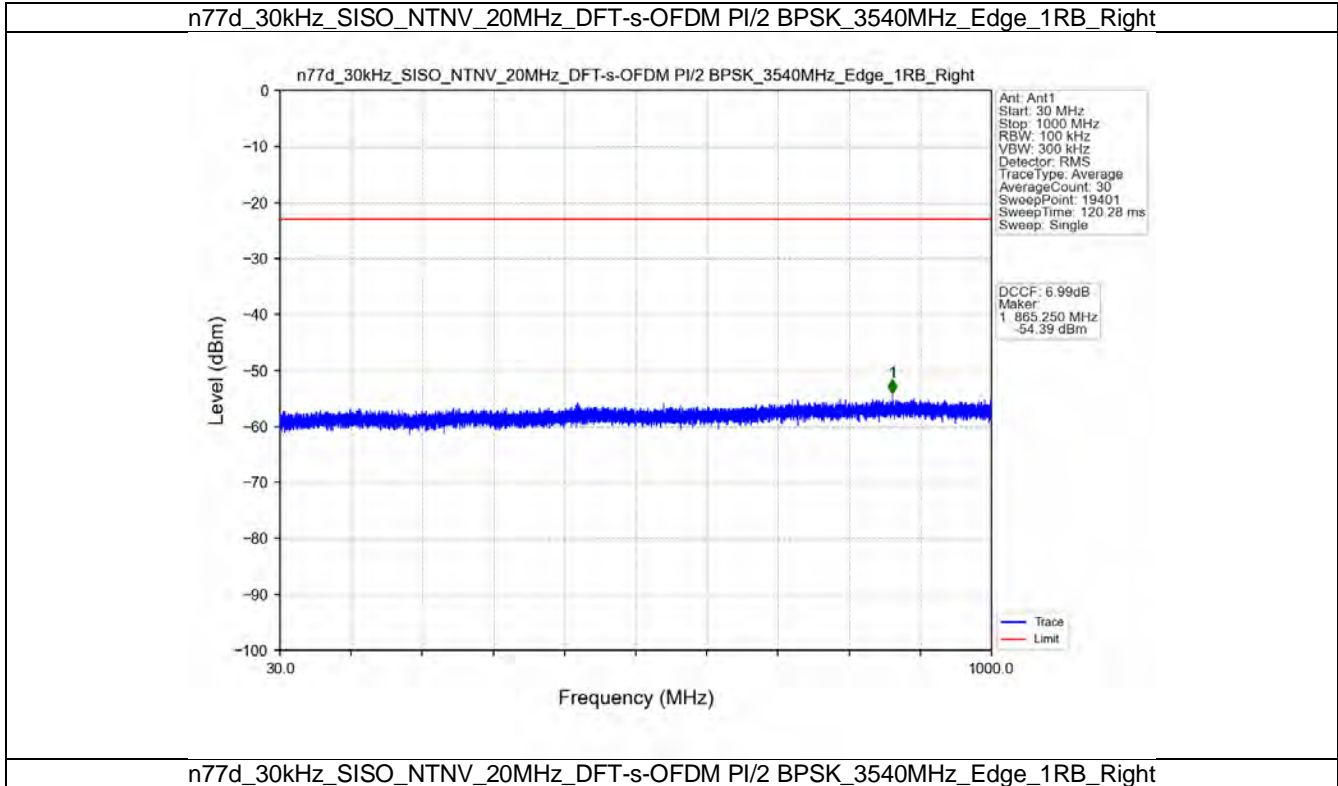


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Rev.: 01

Page: 400 of 973



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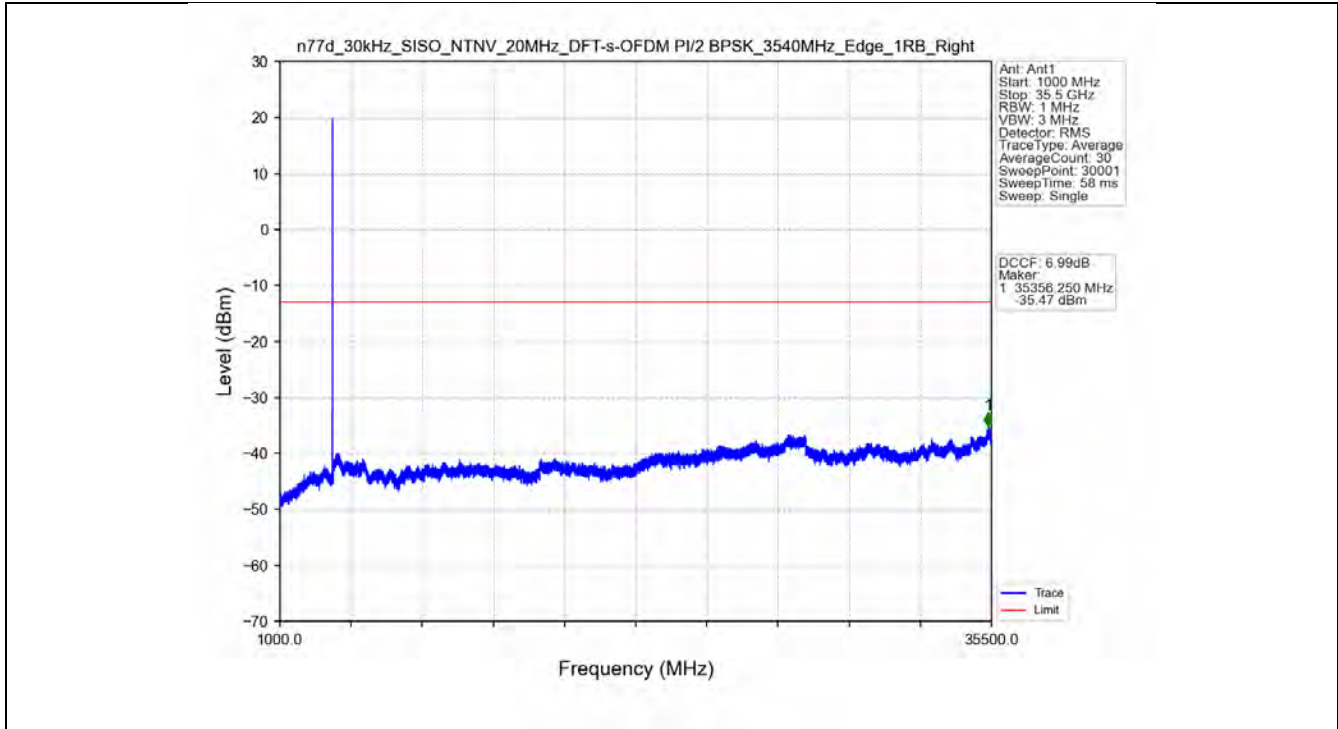


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Report No.: SZCR240100038409

Rev.: 01

Page: 402 of 973

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3540MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3530	3550	0.2	/	/	/	/	/	/
3550	3551	0.2	/	1	3550.125	-32.27	-13	Pass
3551	3555	1	CHP	2	3551.275	-30.95	-13	Pass

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3540MHz_Inner_1RB_Right



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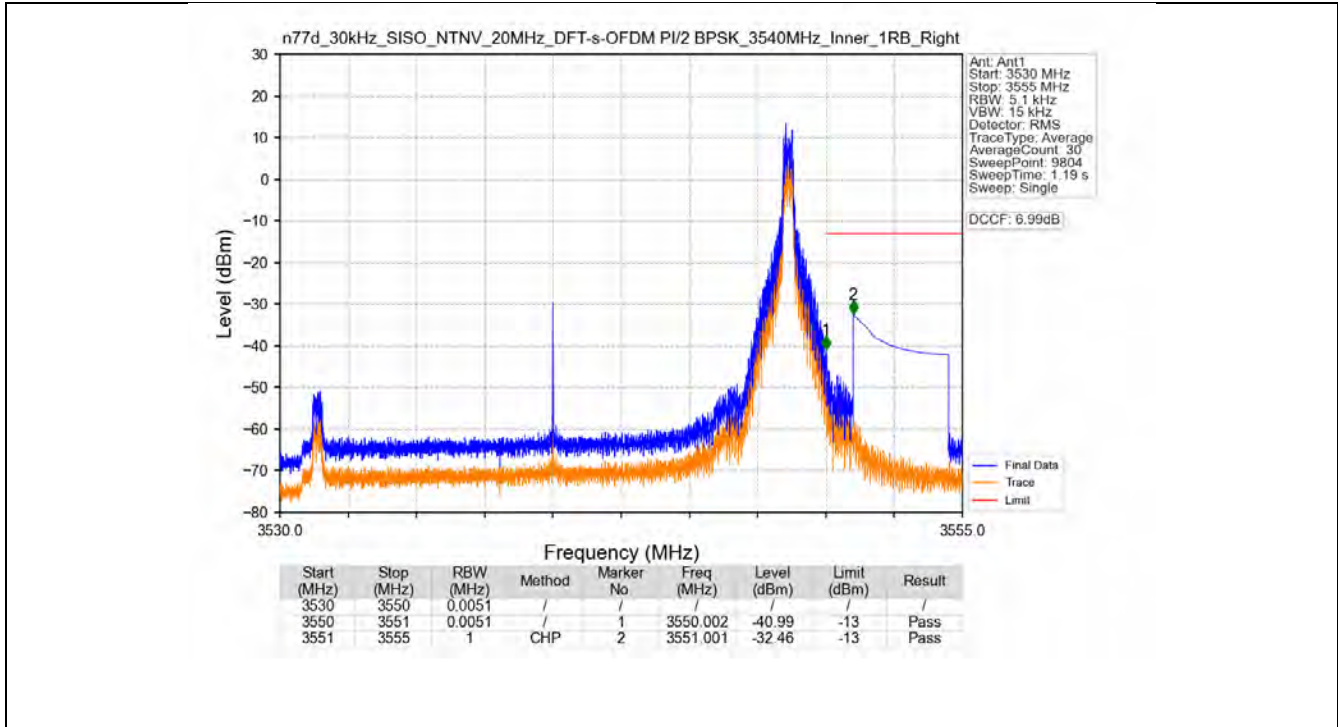


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Rev.: 01

Page: 403 of 973



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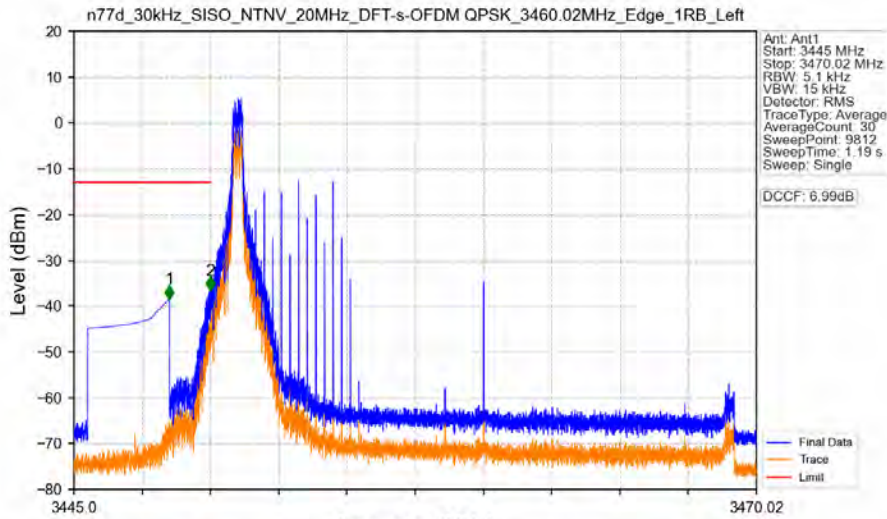
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Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 404 of 973

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3460.02MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	1	CHP	1	3448.499	-38.49	-13	Pass
3449	3450	0.0051	/	2	3449.993	-36.60	-13	Pass
3450	3470.02	0.0051	/	/	/	/	/	/

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3460.02MHz_Edge_1RB_Left



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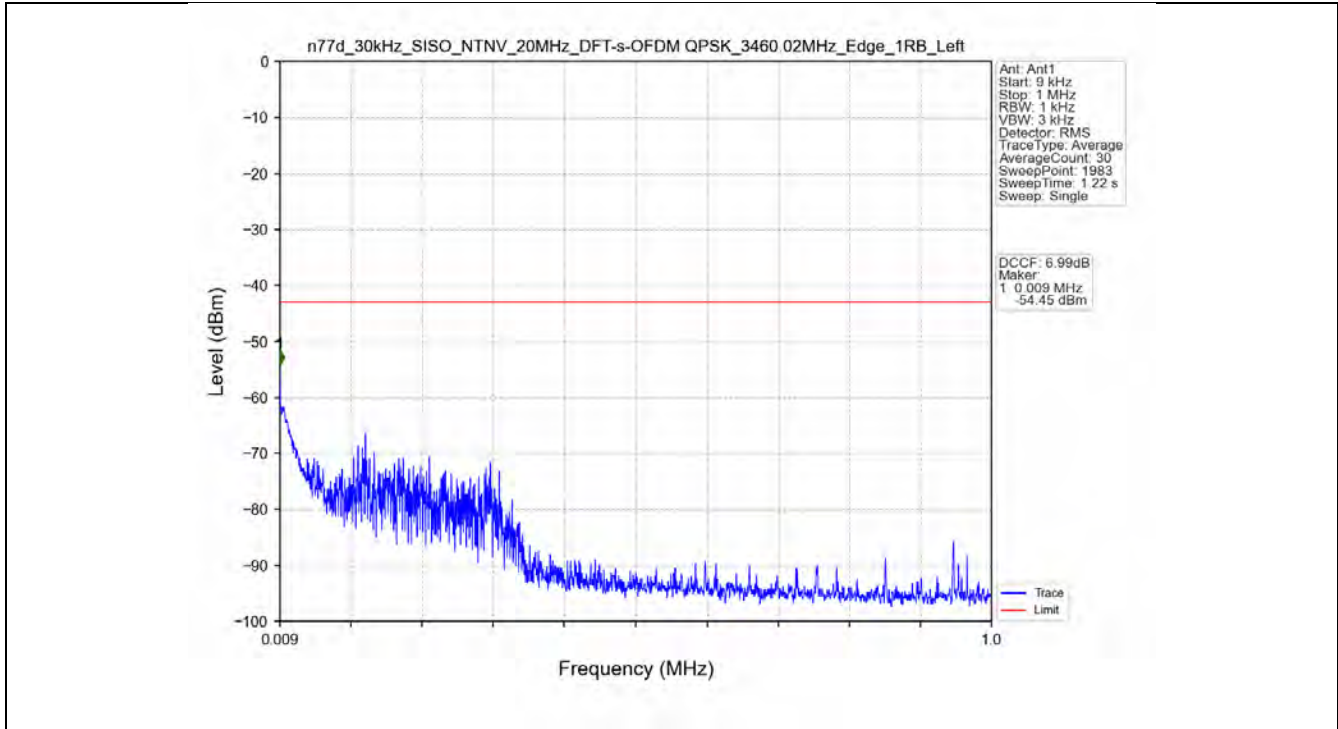


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Rev.: 01

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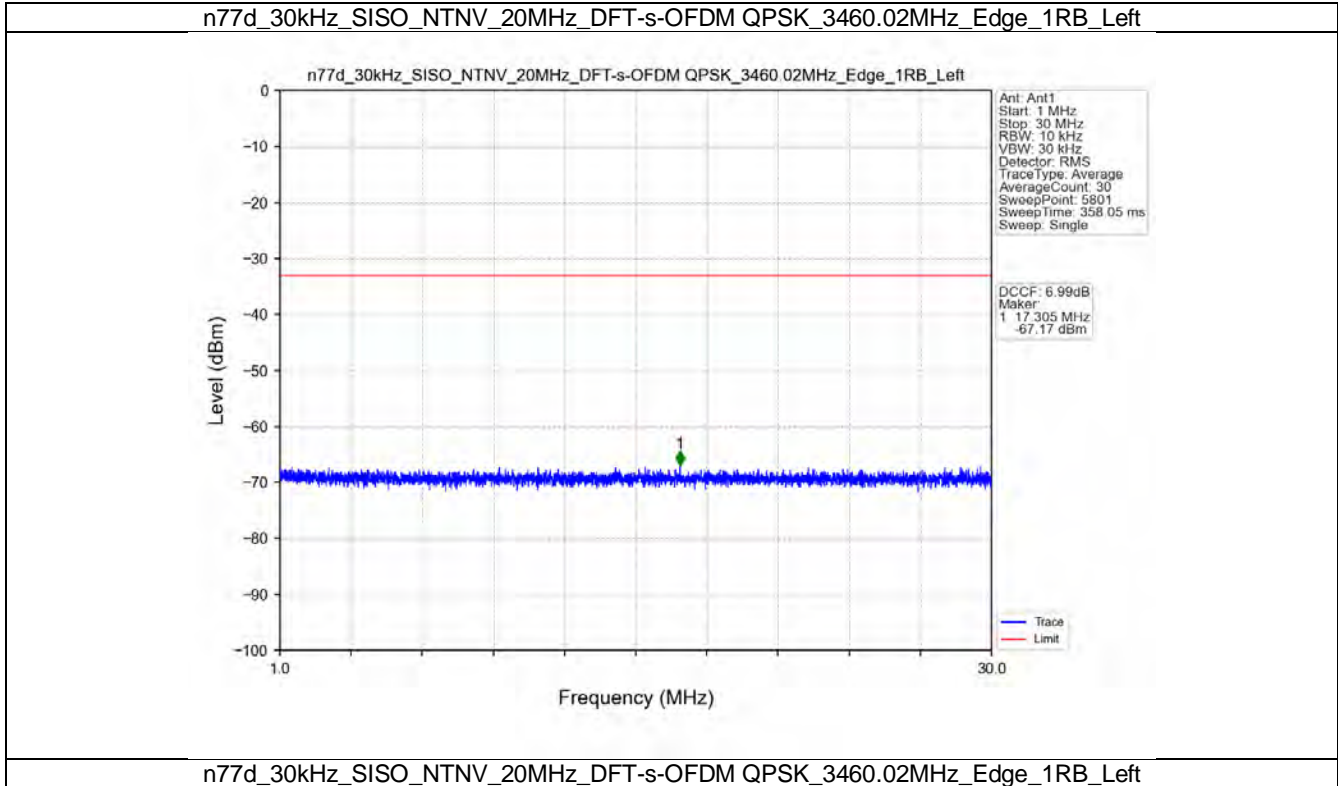


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Report No.: SZCR240100038409

Rev.: 01

Page: 406 of 973



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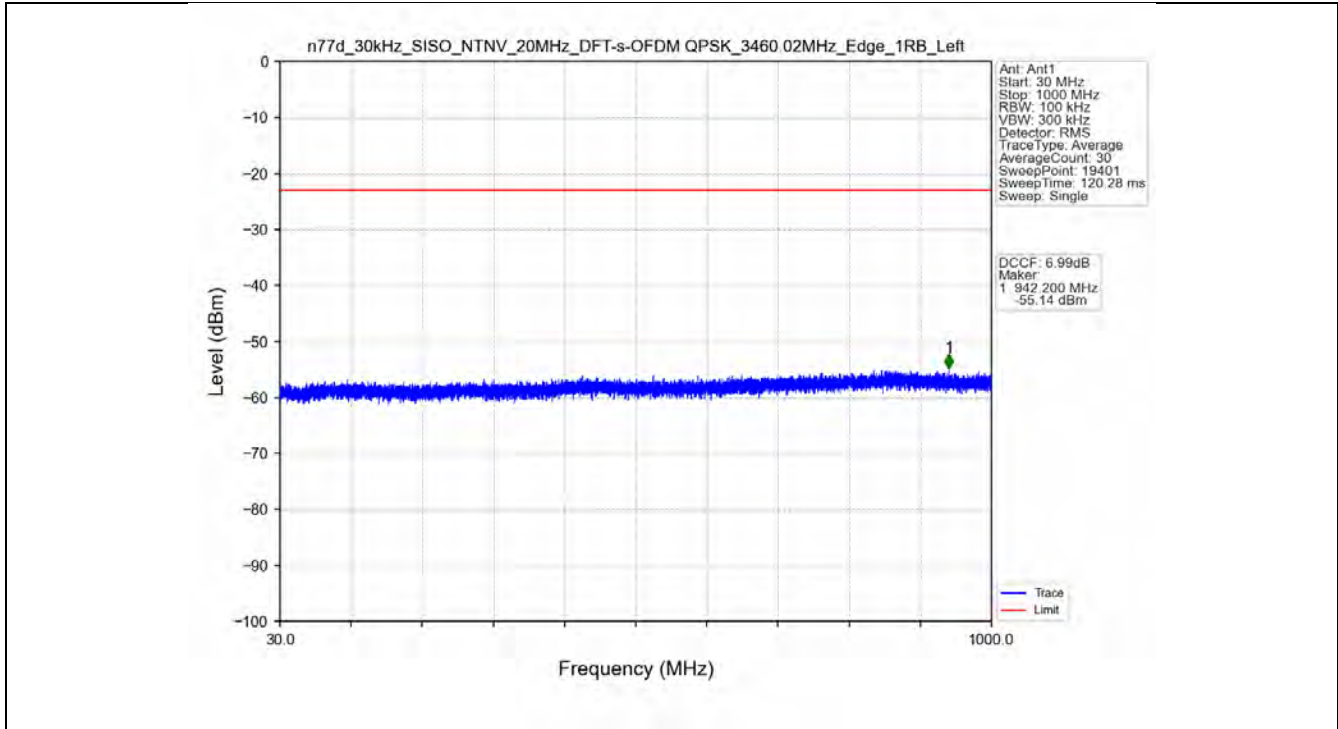


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Report No.: SZCR240100038409

Rev.: 01

Page: 407 of 973



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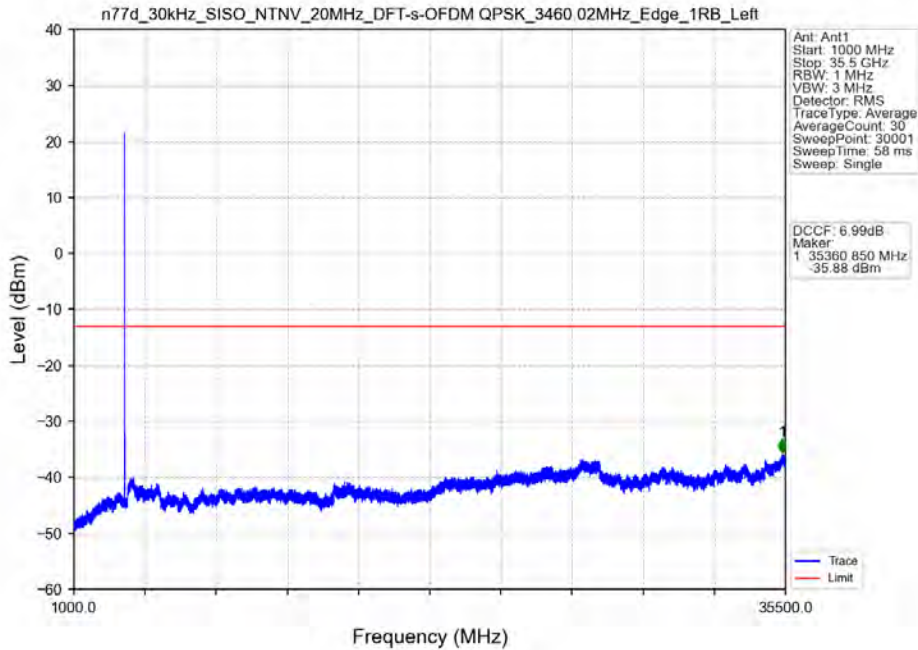
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Report No.: SZCR240100038409

Rev.: 01

Page: 408 of 973

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3460.02MHz_Edge_1RB_Left



n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3460.02MHz_Outer_Full



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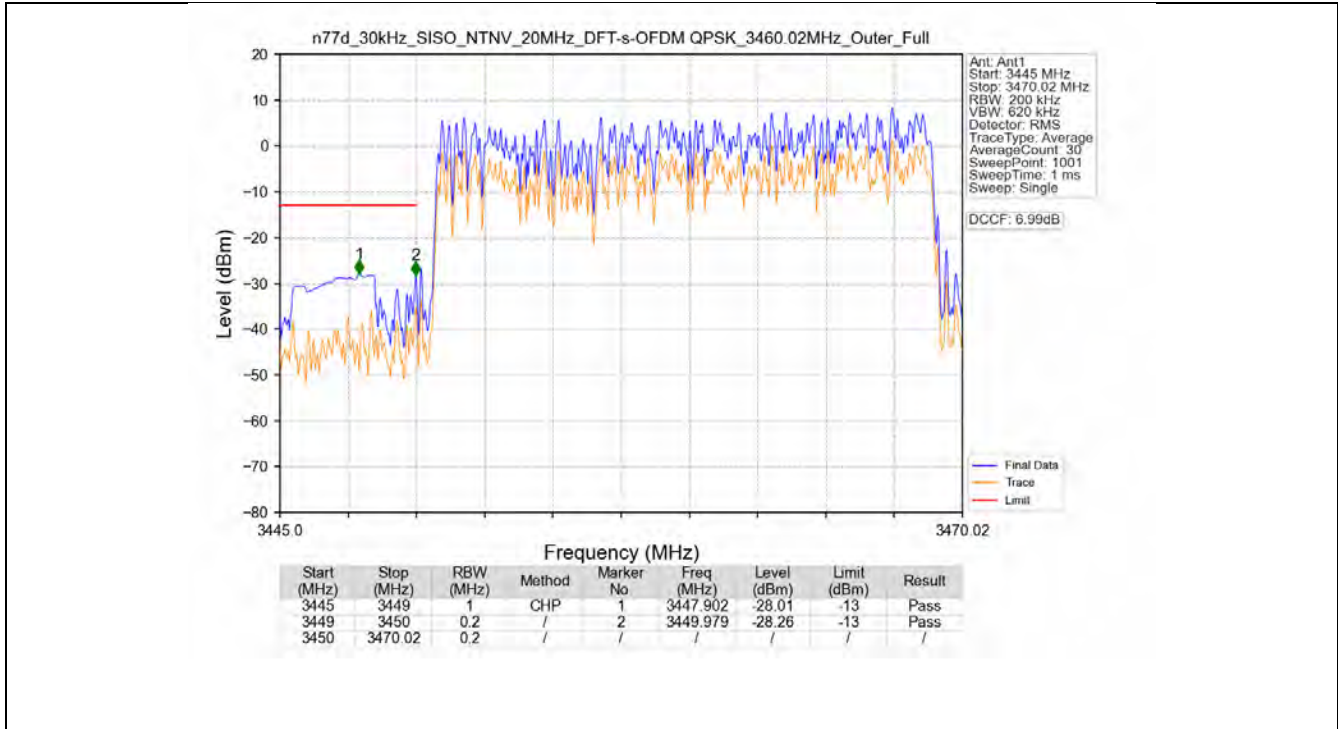


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Report No.: SZCR240100038409

Rev.: 01

Page: 409 of 973



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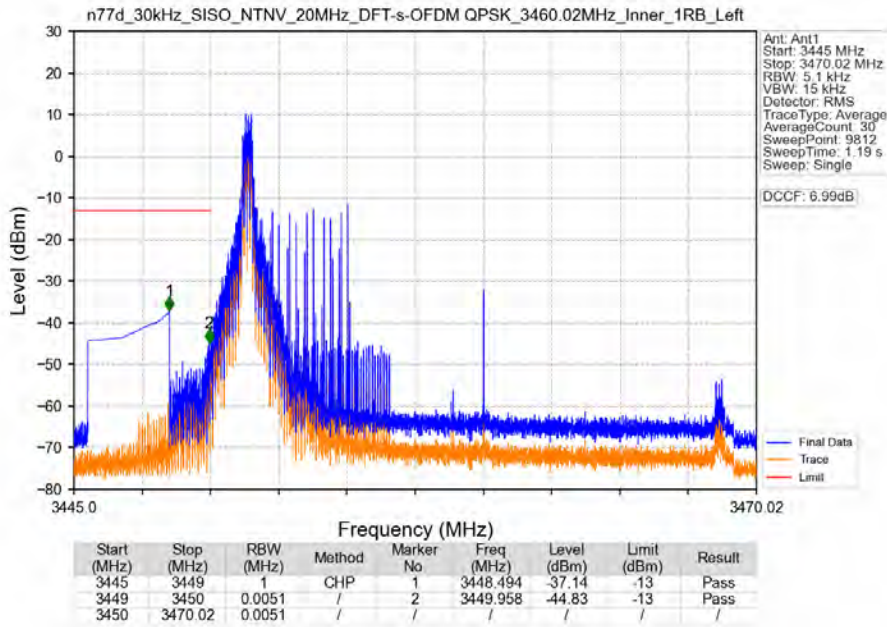
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Report No.: SZCR240100038409

Rev.: 01

Page: 410 of 973

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n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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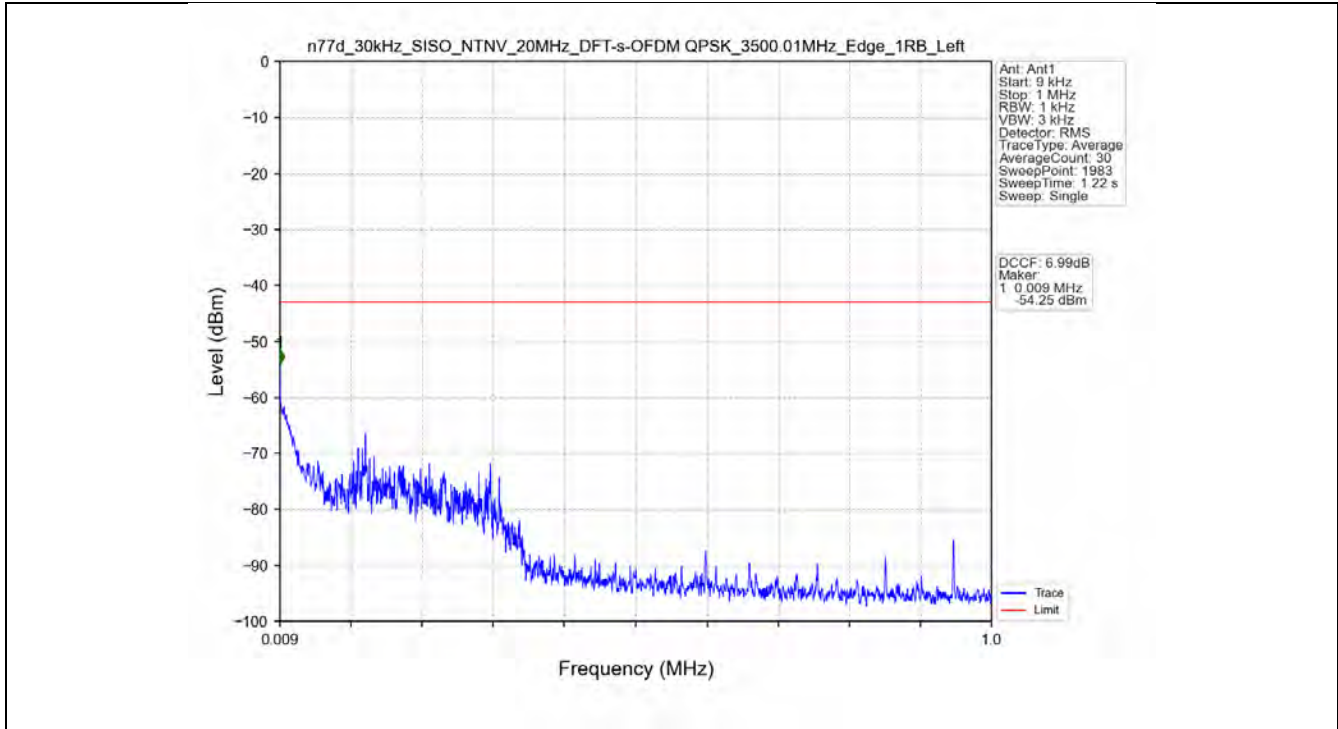


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Report No.: SZCR240100038409

Rev.: 01

Page: 411 of 973



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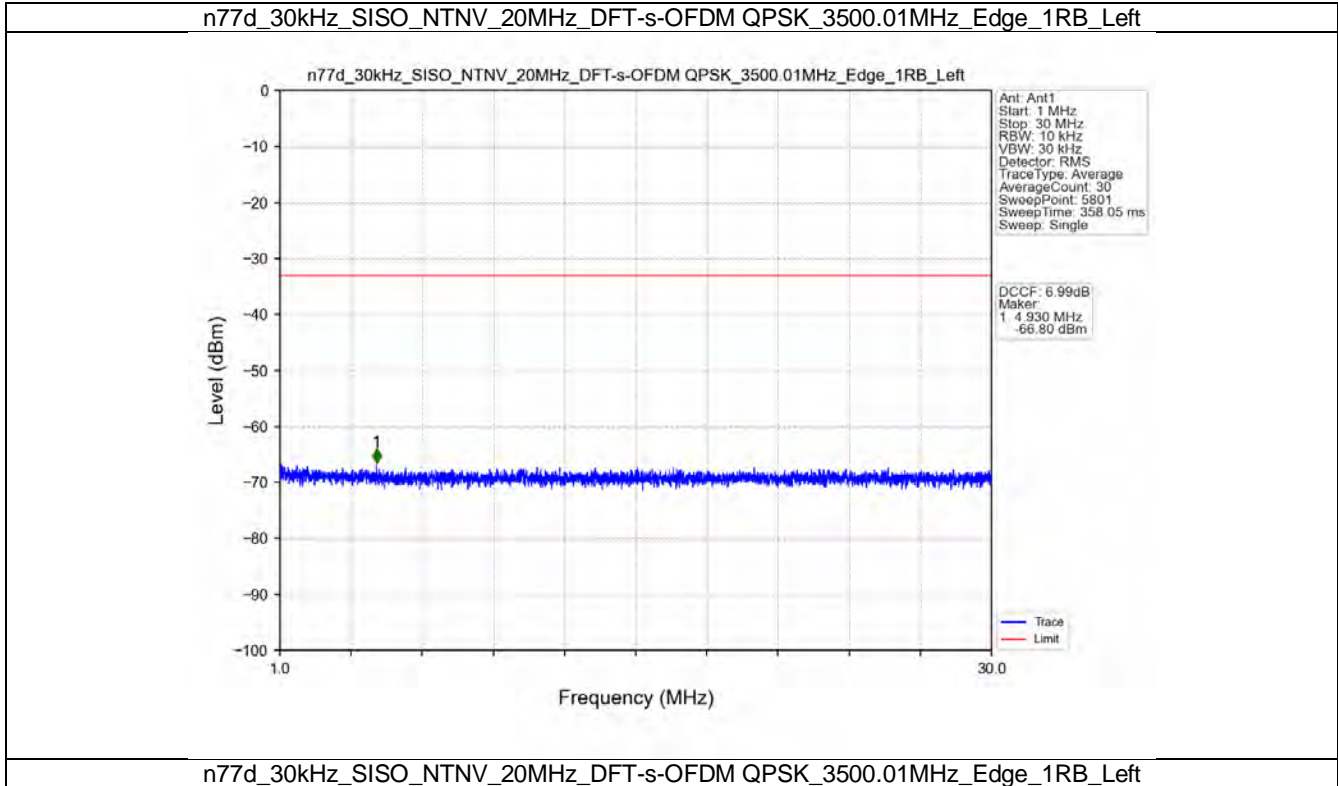


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Rev.: 01

Page: 412 of 973



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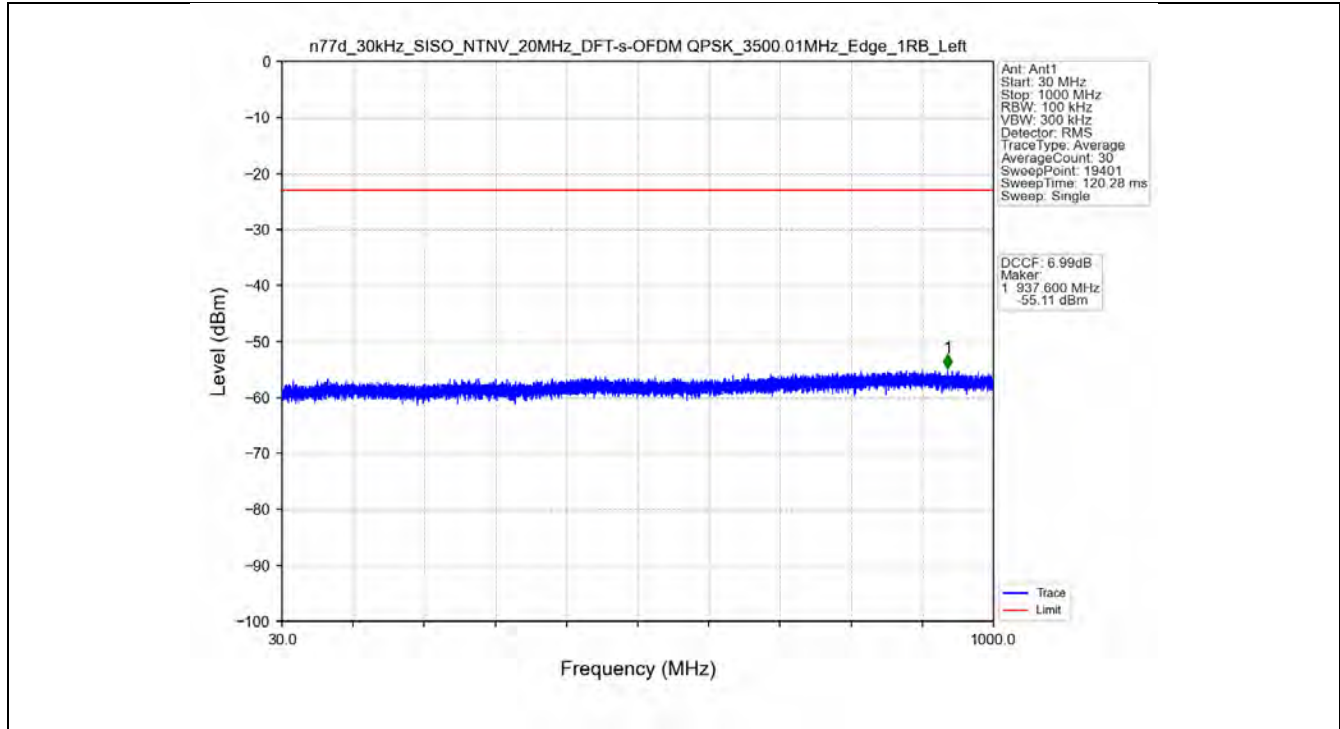


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Rev.: 01

Page: 413 of 973



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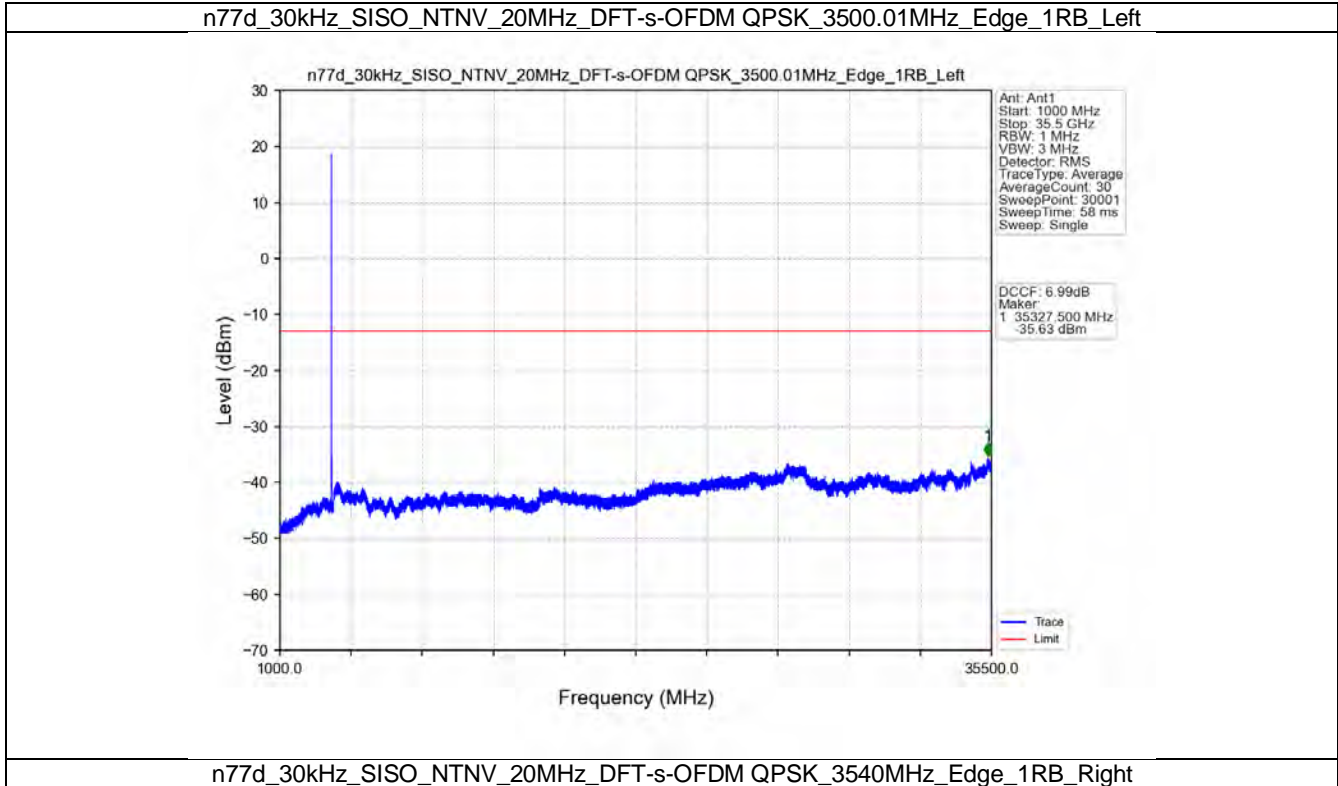


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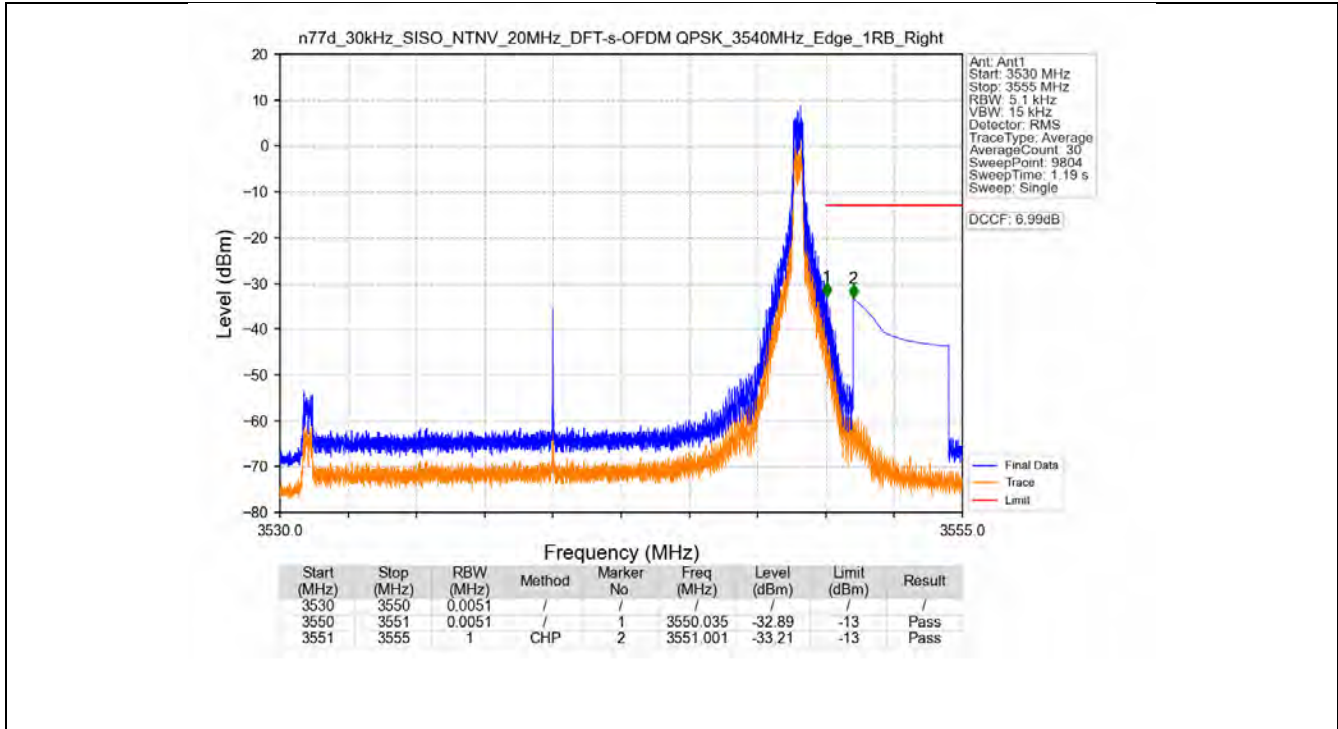


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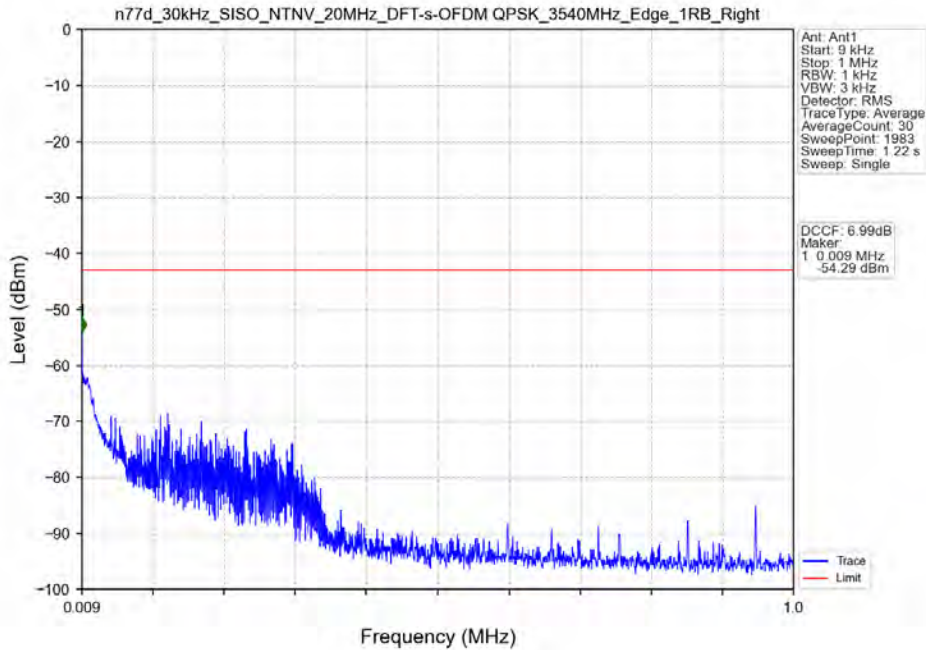
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Report No.: SZCR240100038409

Rev.: 01

Page: 416 of 973

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3540MHz_Edge_1RB_Right



n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3540MHz_Edge_1RB_Right



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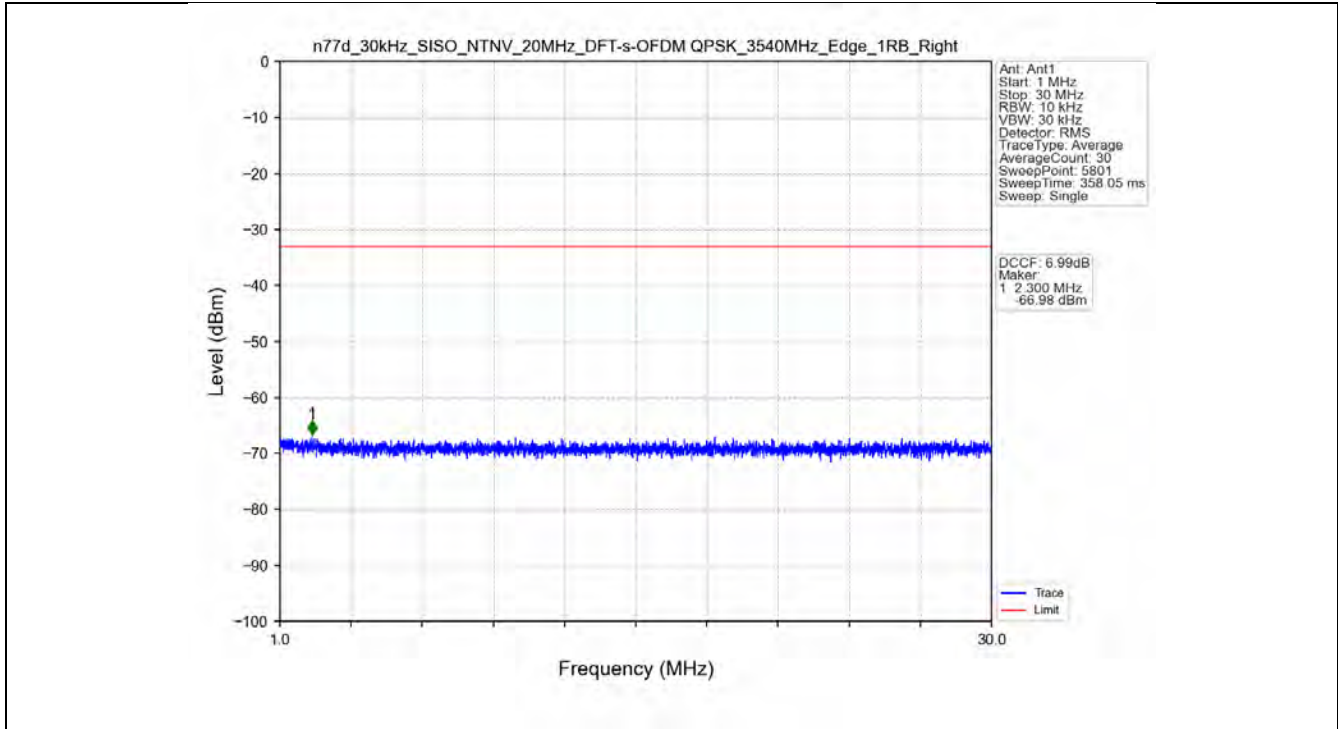


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Rev.: 01

Page: 417 of 973



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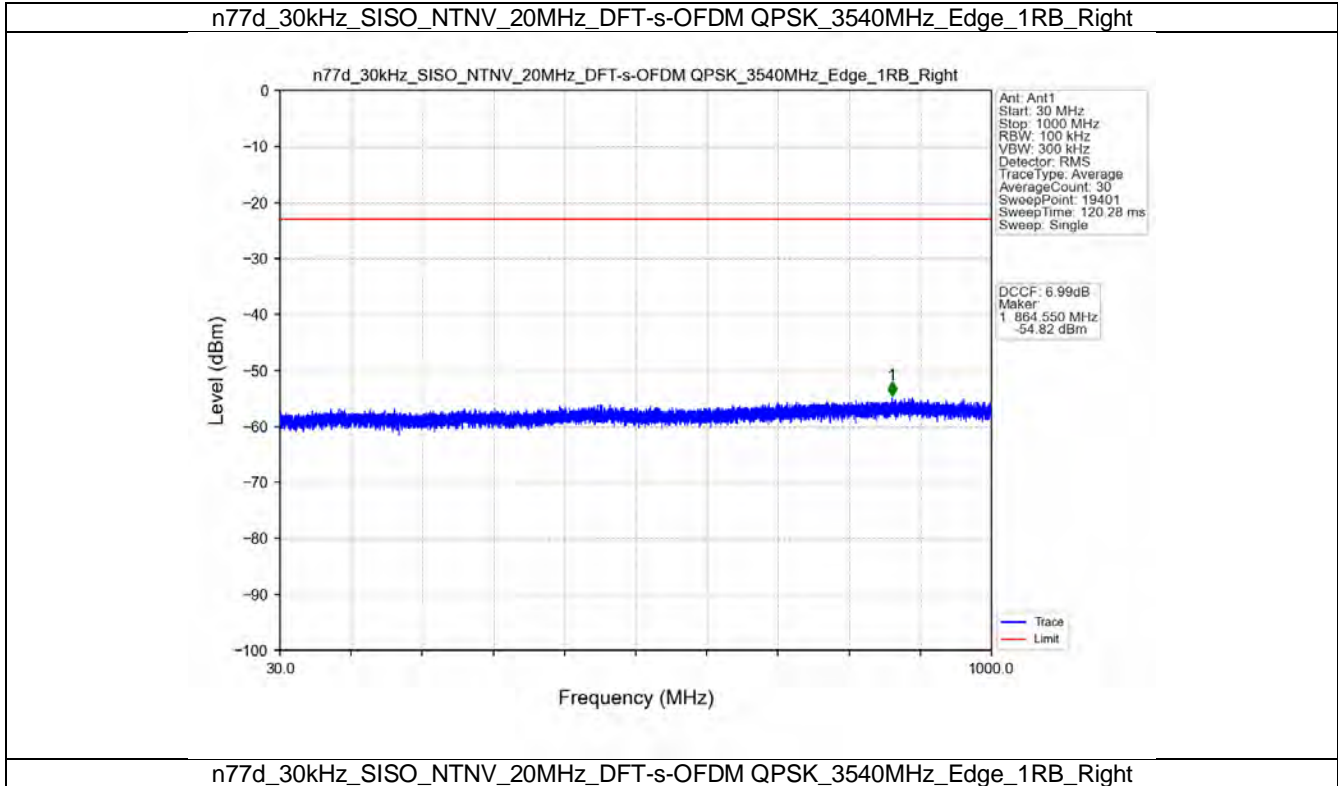


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Report No.: SZCR240100038409

Rev.: 01

Page: 418 of 973



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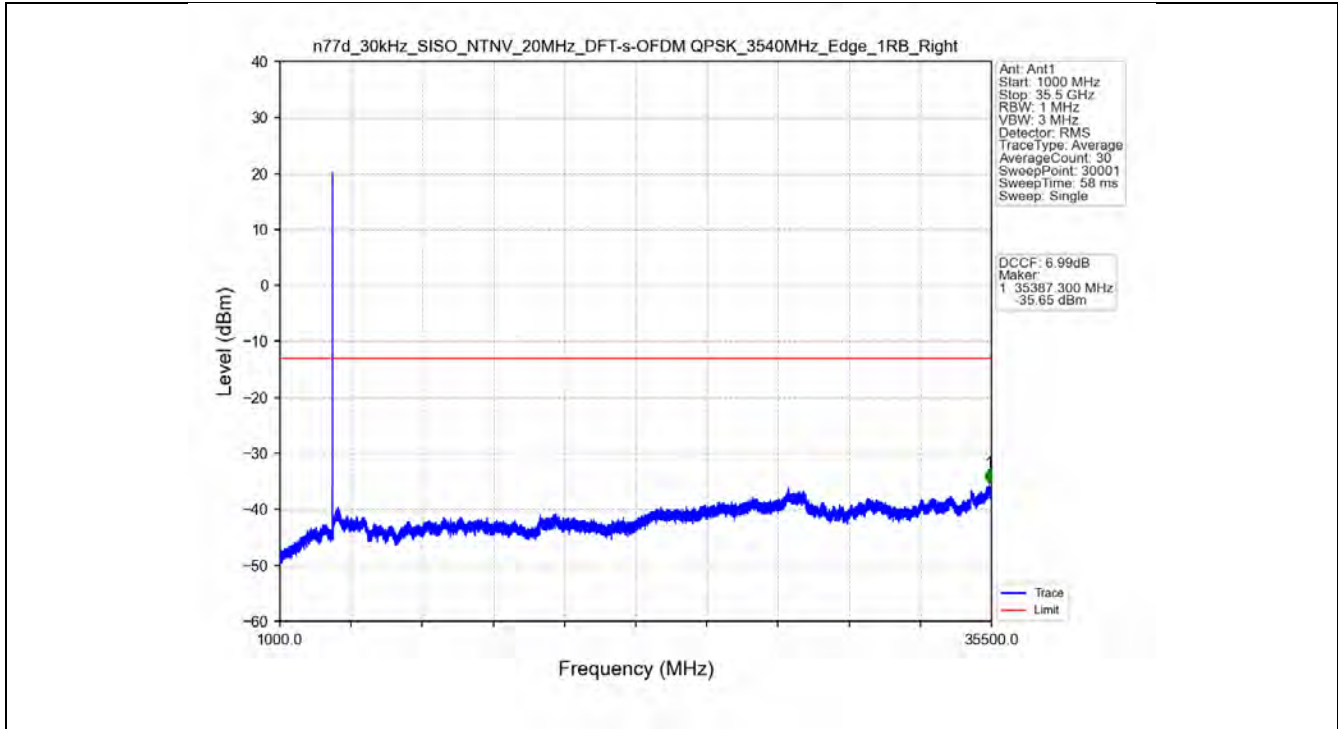


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Report No.: SZCR240100038409

Rev.: 01

Page: 419 of 973



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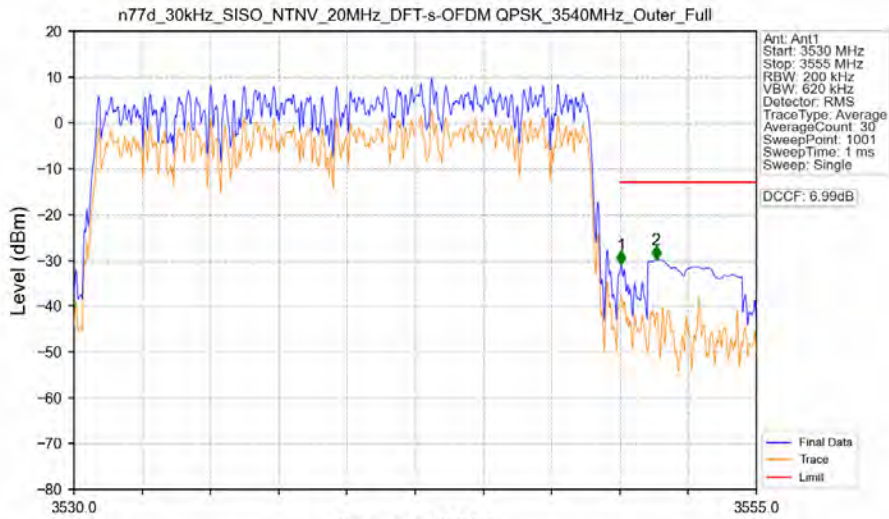
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Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 420 of 973

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3540MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3530	3550	0.2	/	/	/	/	/	/
3550	3551	0.2	/	1	3550.050	-31.05	-13	Pass
3551	3555	1	CHP	2	3551.325	-29.88	-13	Pass

n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3540MHz_Inner_1RB_Right



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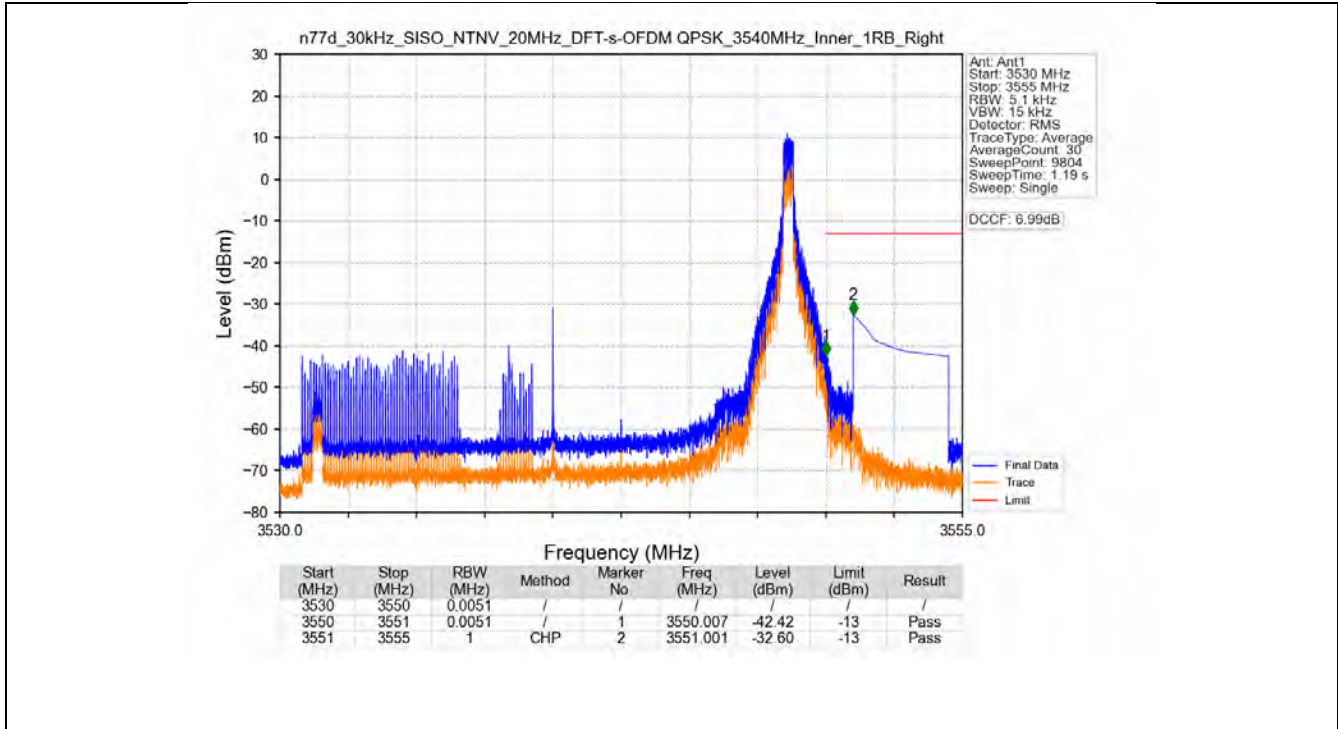


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Report No.: SZCR240100038409

Rev.: 01

Page: 421 of 973



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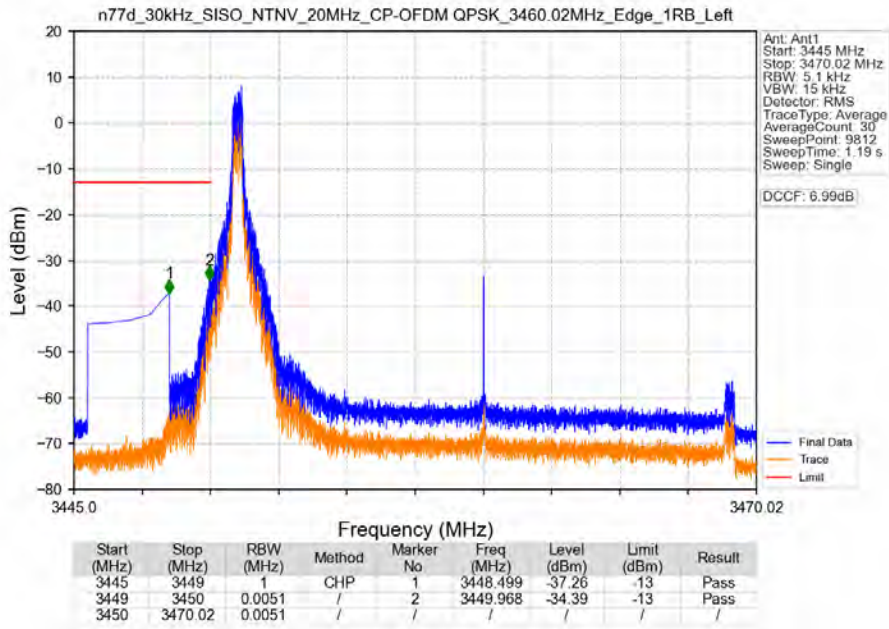
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Report No.: SZCR240100038409

Rev.: 01

Page: 422 of 973

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n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3460.02MHz_Edge_1RB_Left



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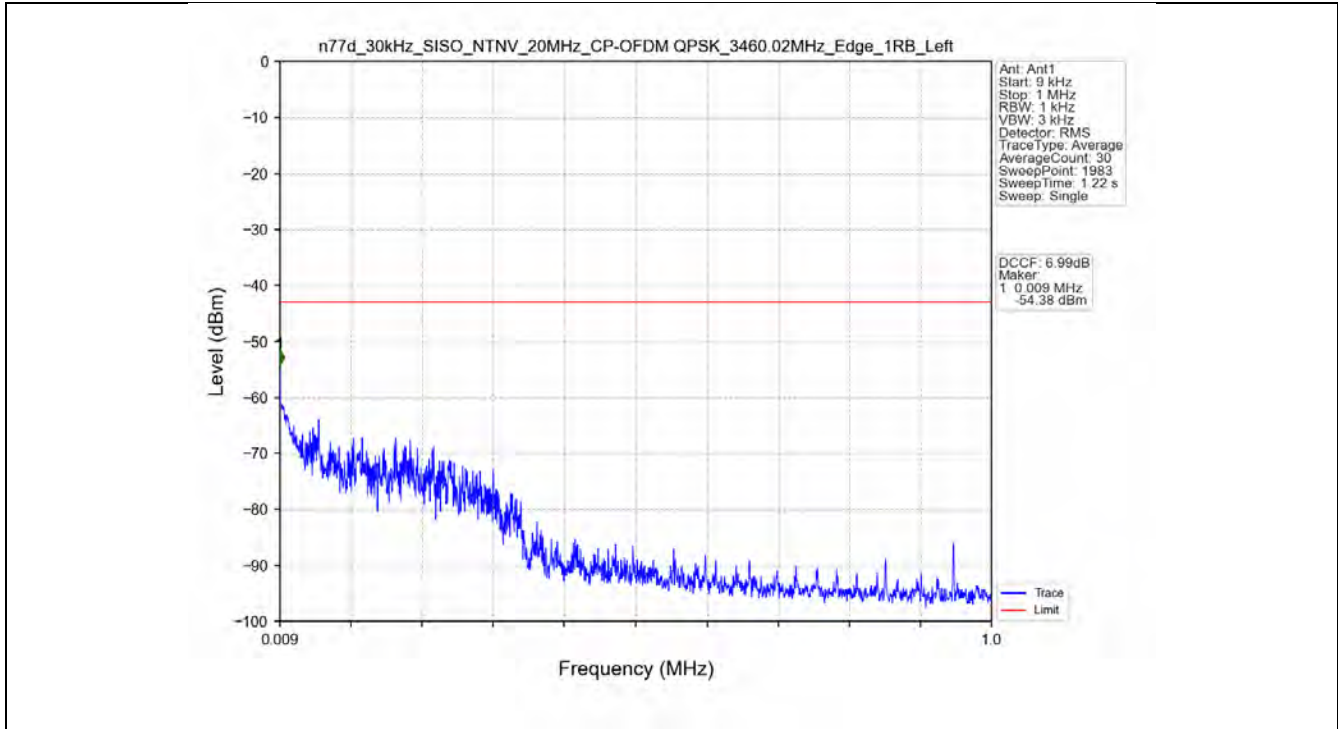


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Report No.: SZCR240100038409

Rev.: 01

Page: 423 of 973



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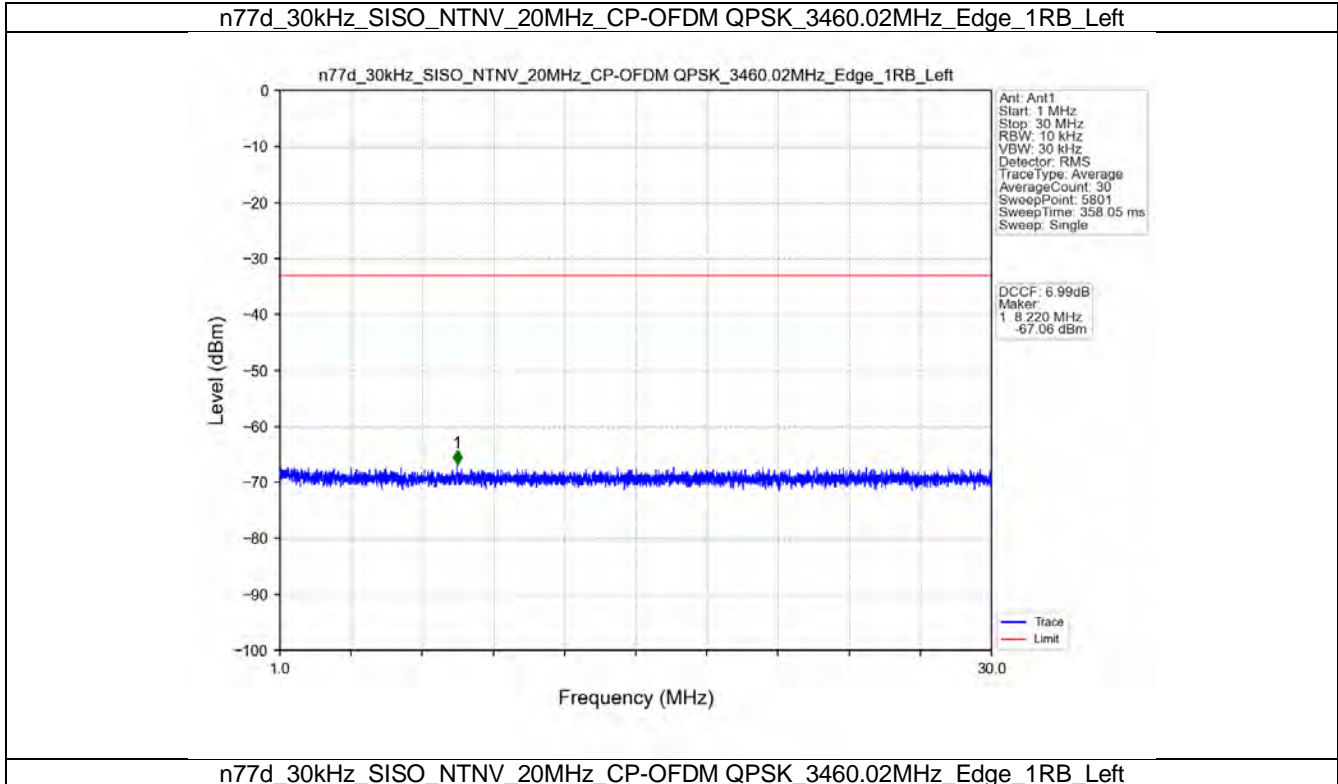


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Report No.: SZCR240100038409

Rev.: 01

Page: 424 of 973



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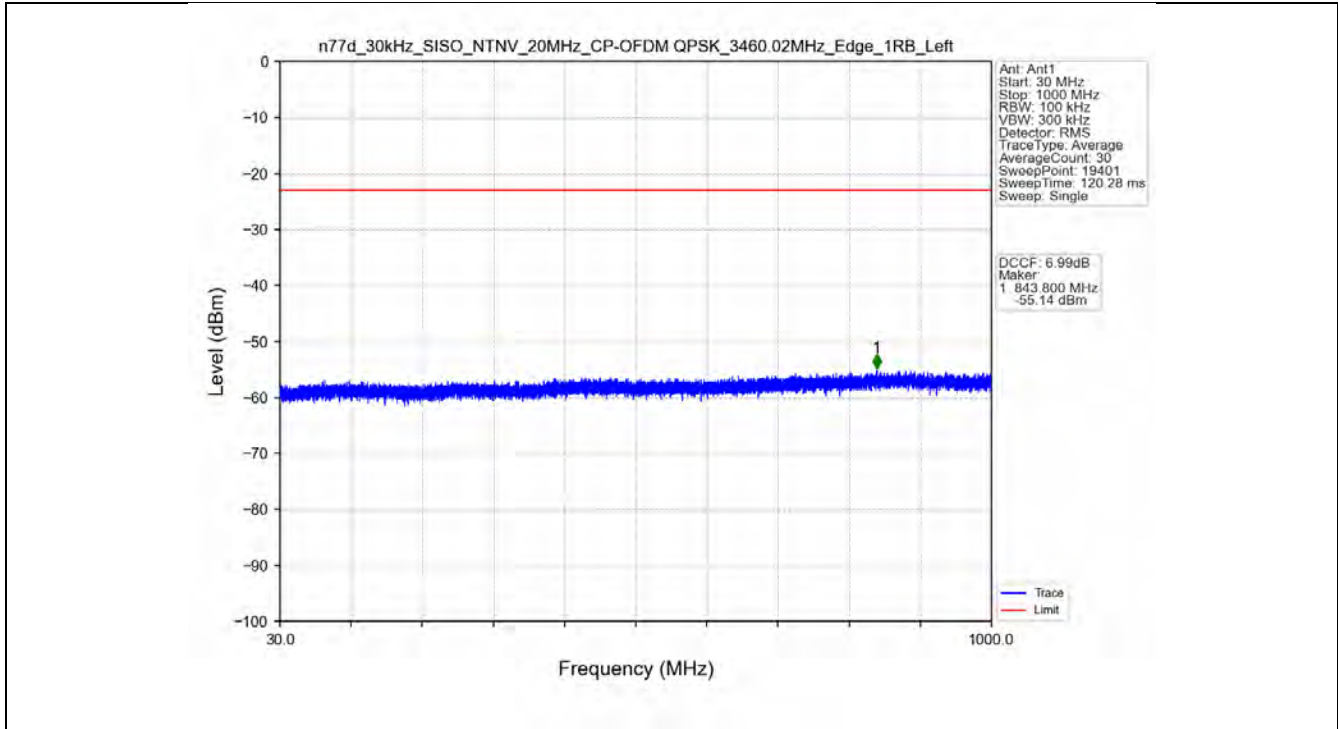


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Report No.: SZCR240100038409

Rev.: 01

Page: 425 of 973



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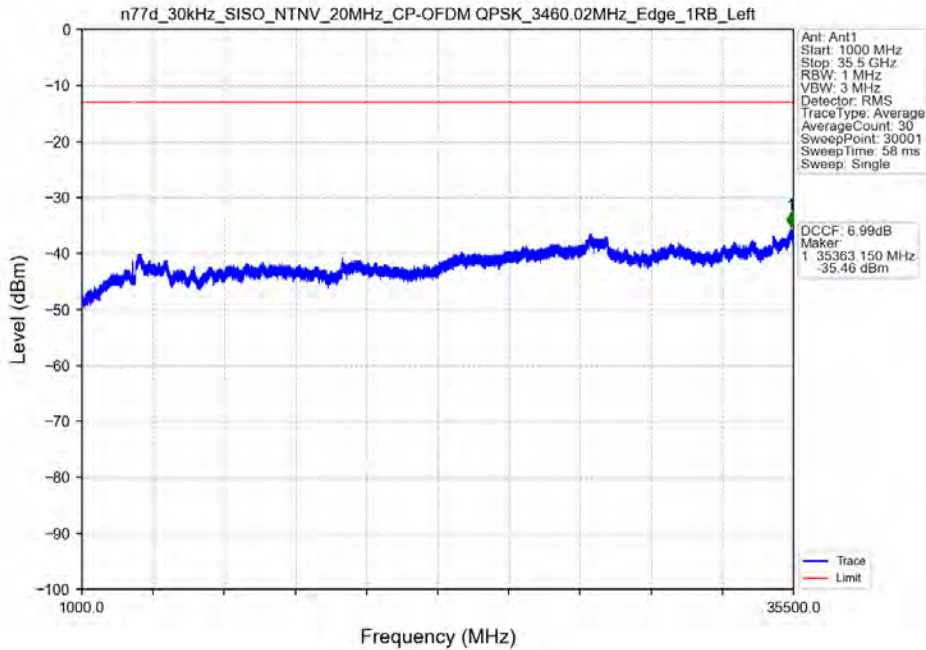
**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038409

Rev.: 01

Page: 426 of 973

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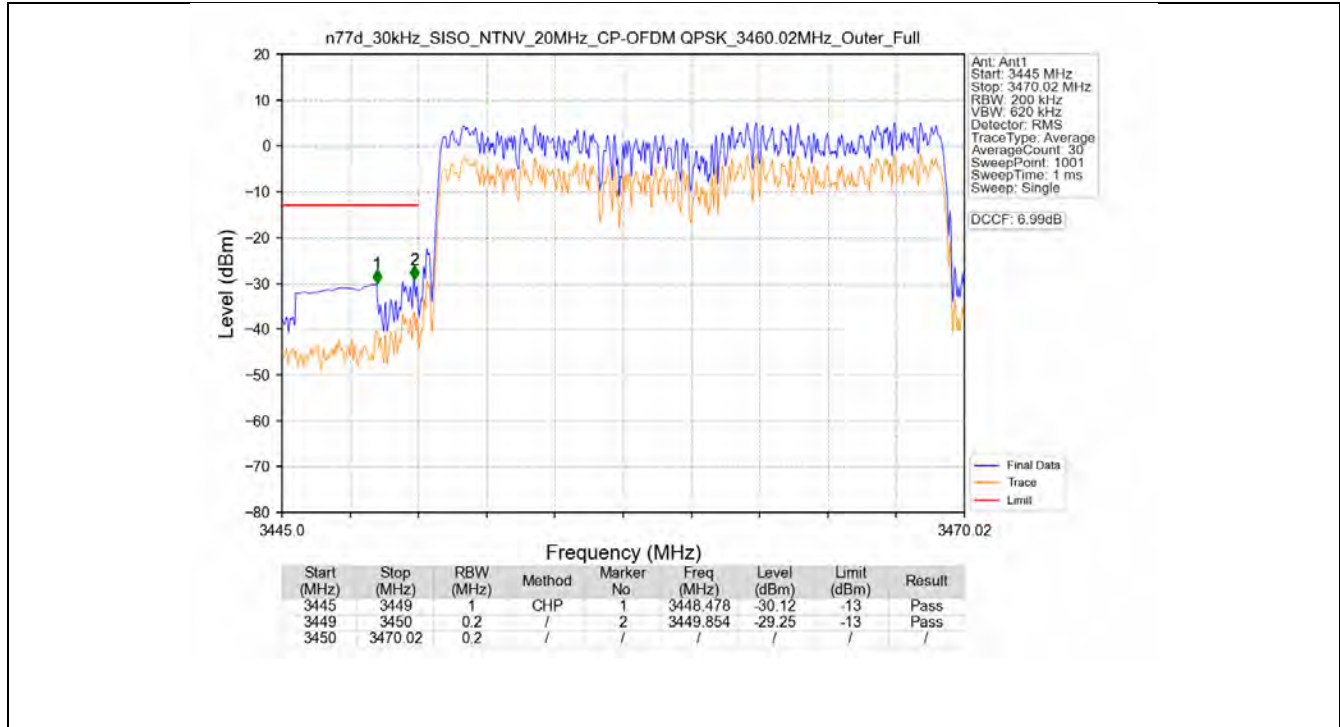


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Rev.: 01

Page: 427 of 973



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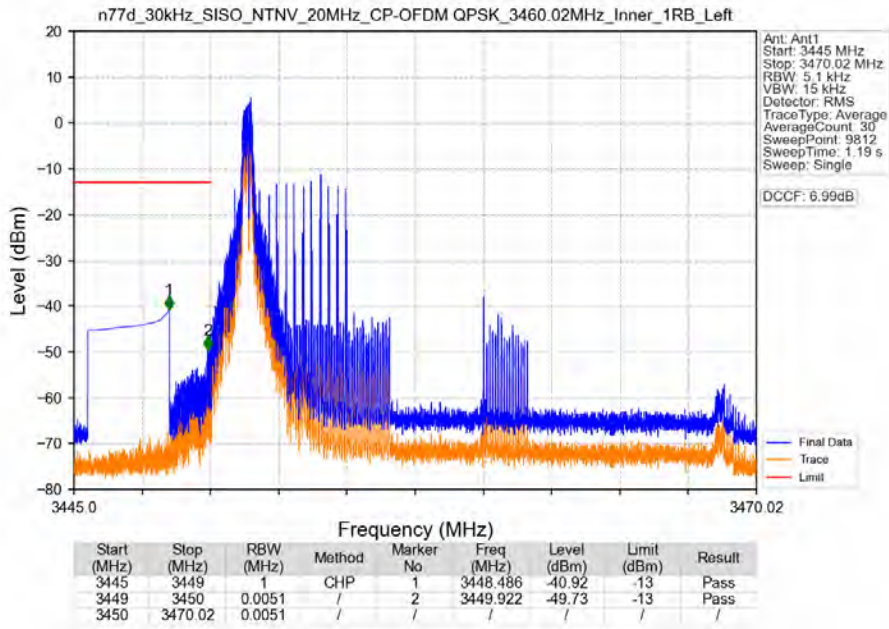
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Report No.: SZCR240100038409

Rev.: 01

Page: 428 of 973

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n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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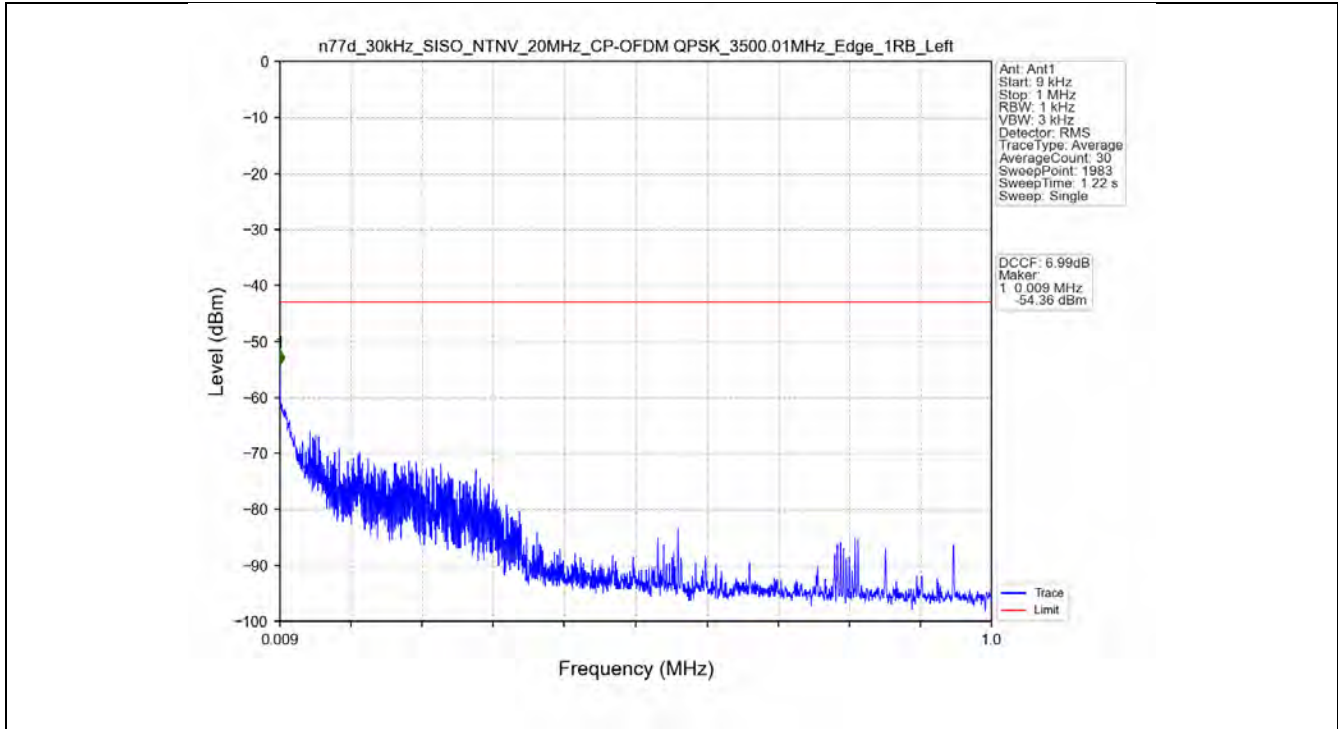


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Page: 429 of 973



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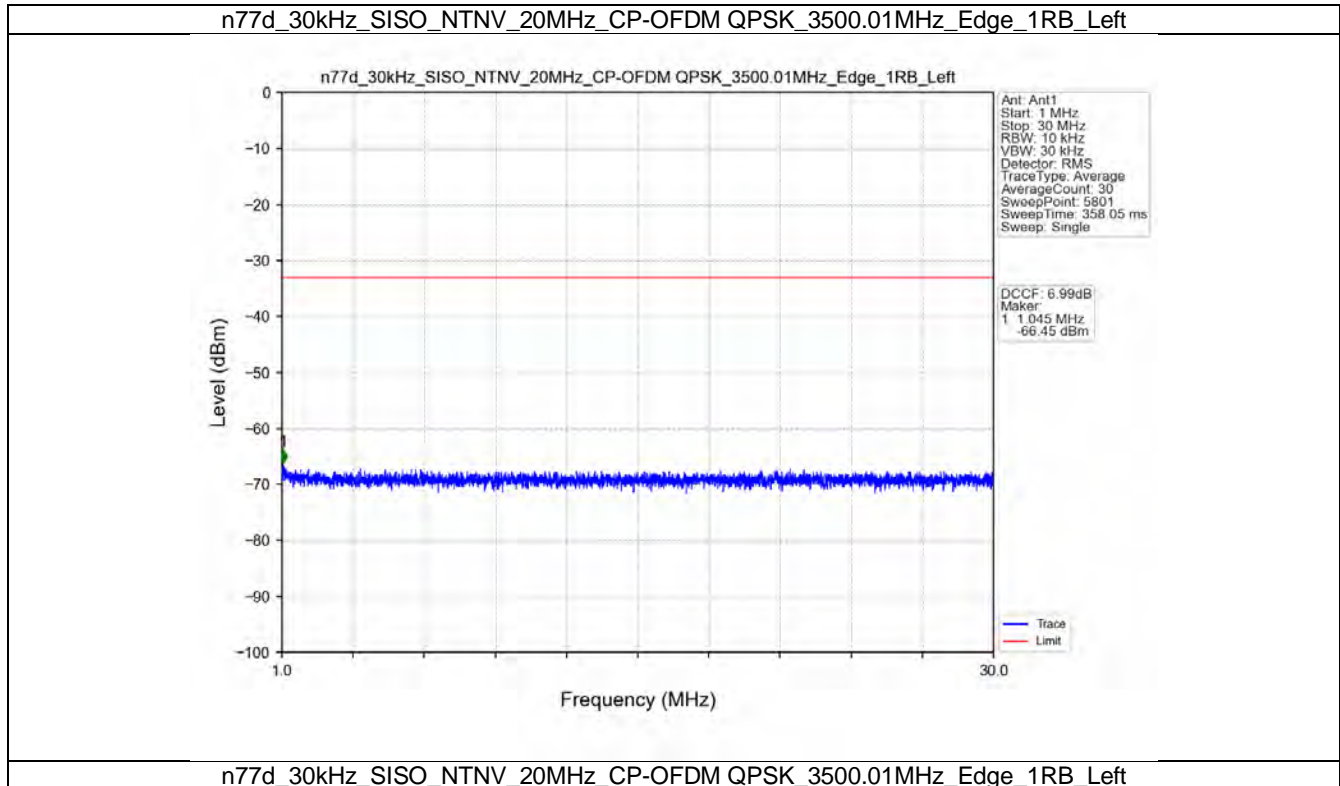


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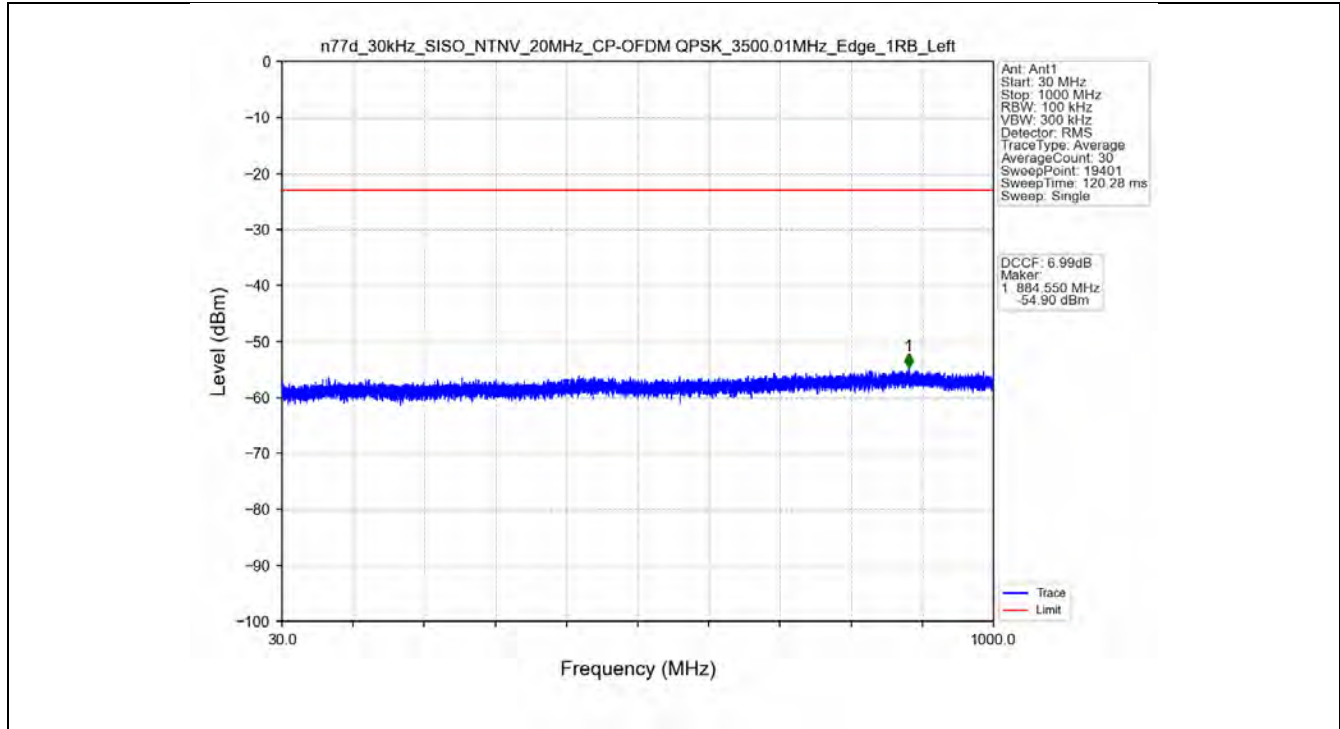


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Report No.: SZCR240100038409

Rev.: 01

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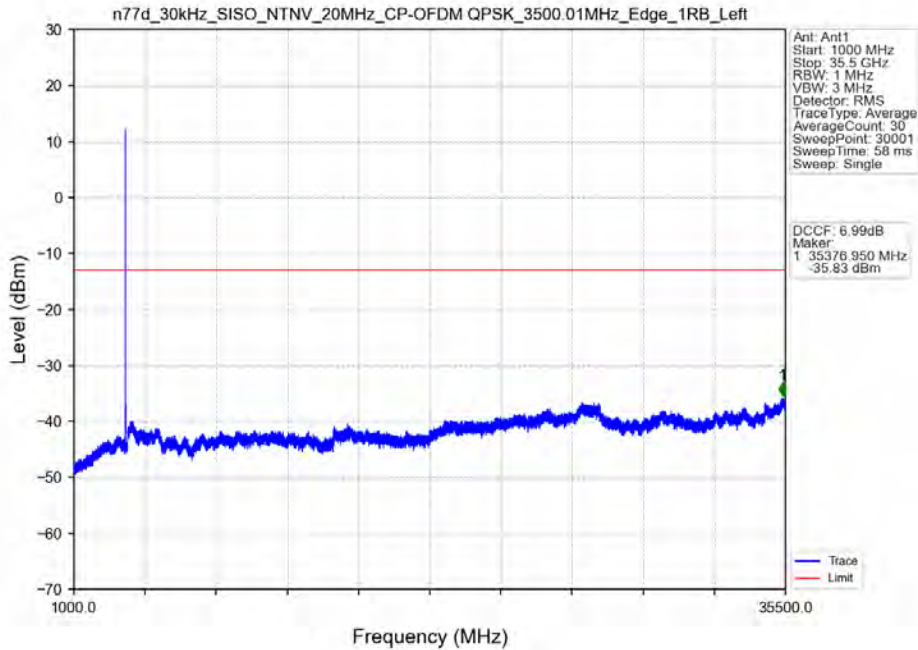
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Report No.: SZCR240100038409

Rev.: 01

Page: 432 of 973

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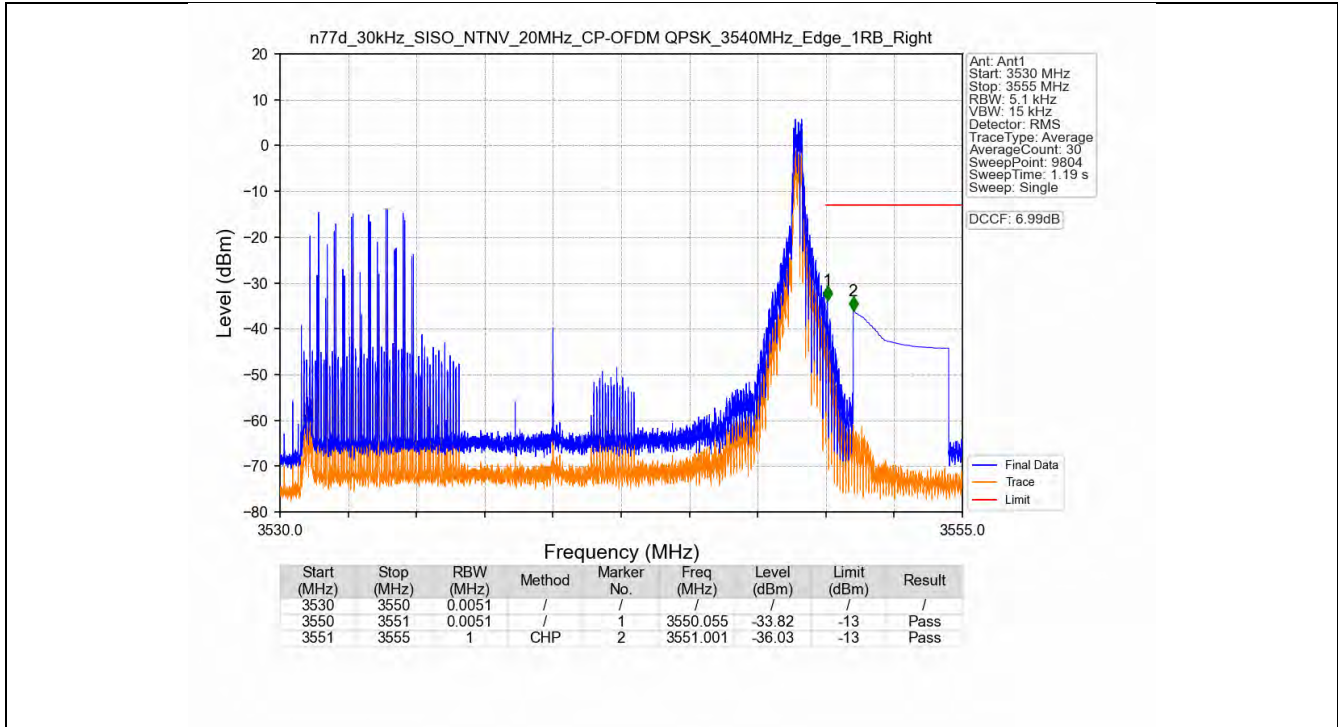


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Report No.: SZCR240100038409

Rev.: 01

Page: 433 of 973



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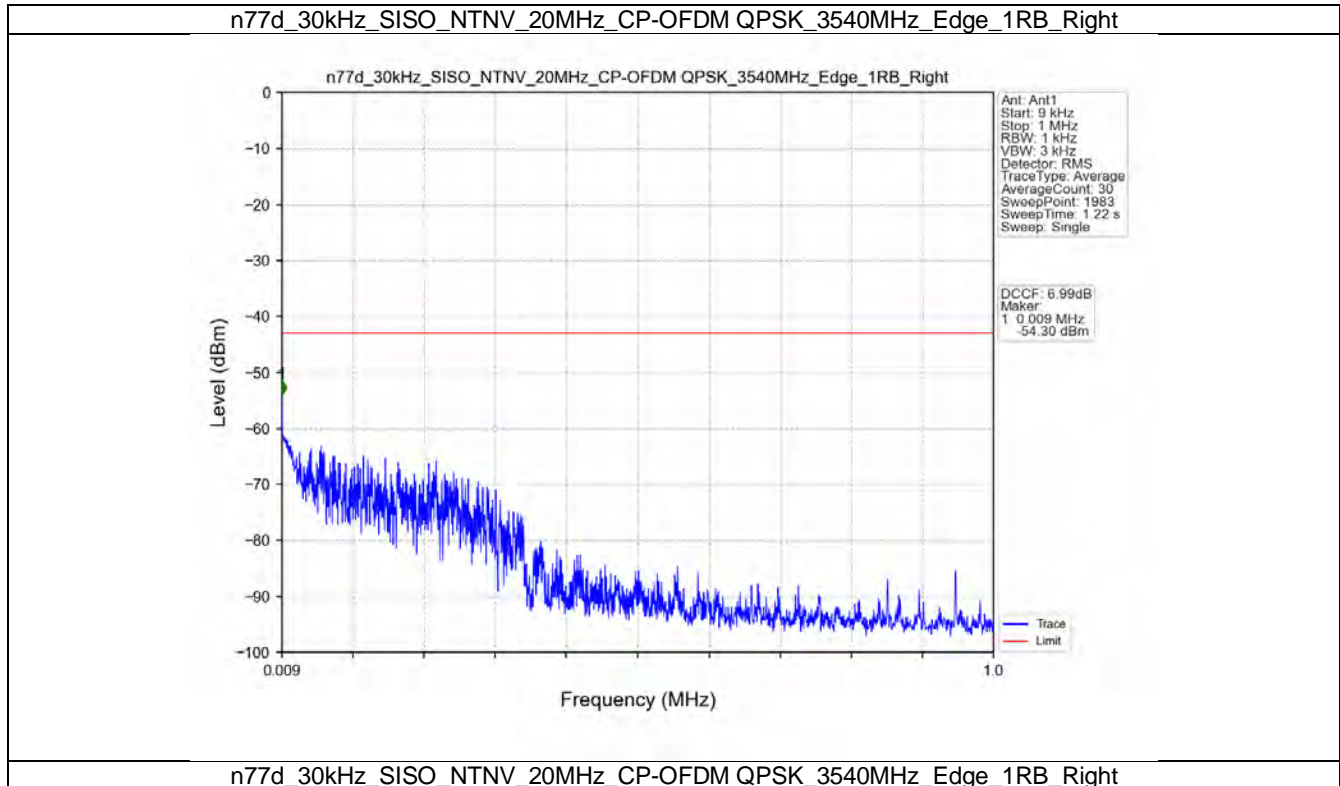


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Report No.: SZCR240100038409

Rev.: 01

Page: 434 of 973



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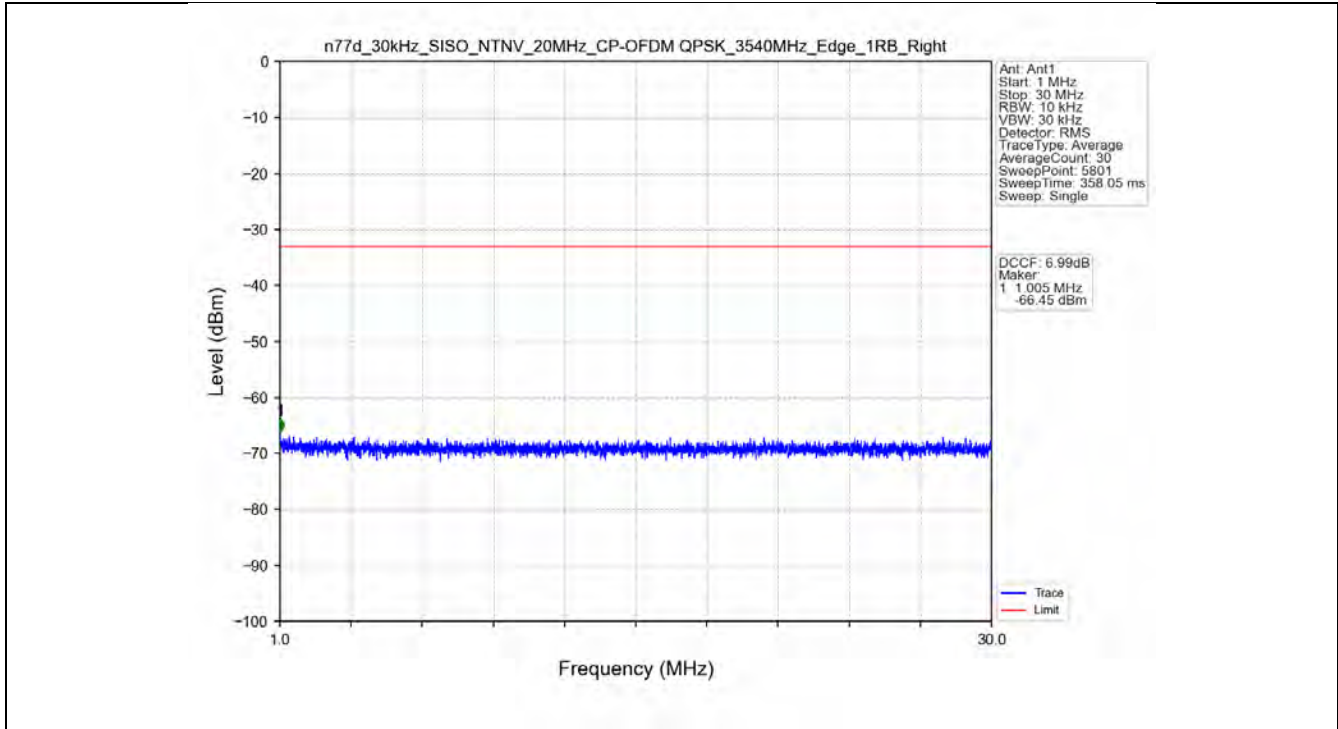


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Report No.: SZCR240100038409

Rev.: 01

Page: 435 of 973



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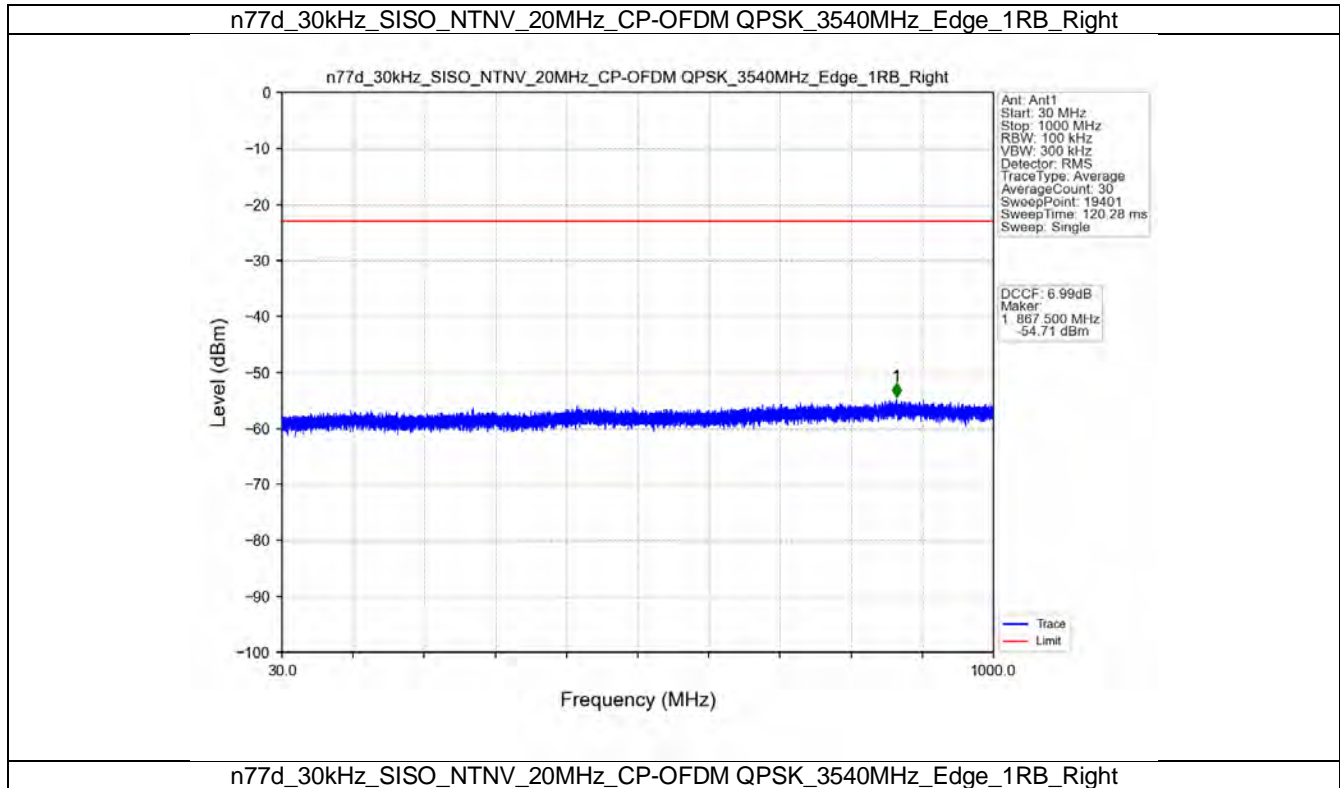


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Report No.: SZCR240100038409

Rev.: 01

Page: 436 of 973



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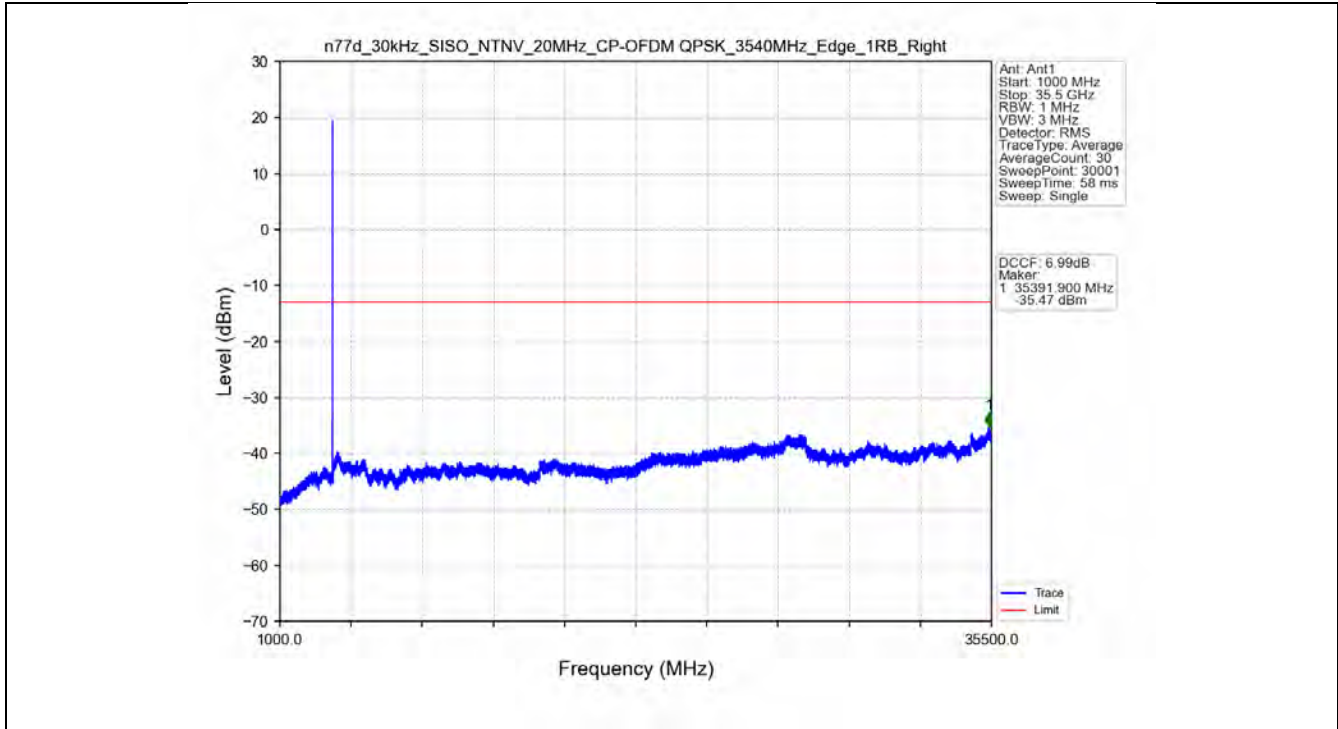


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Rev.: 01

Page: 437 of 973



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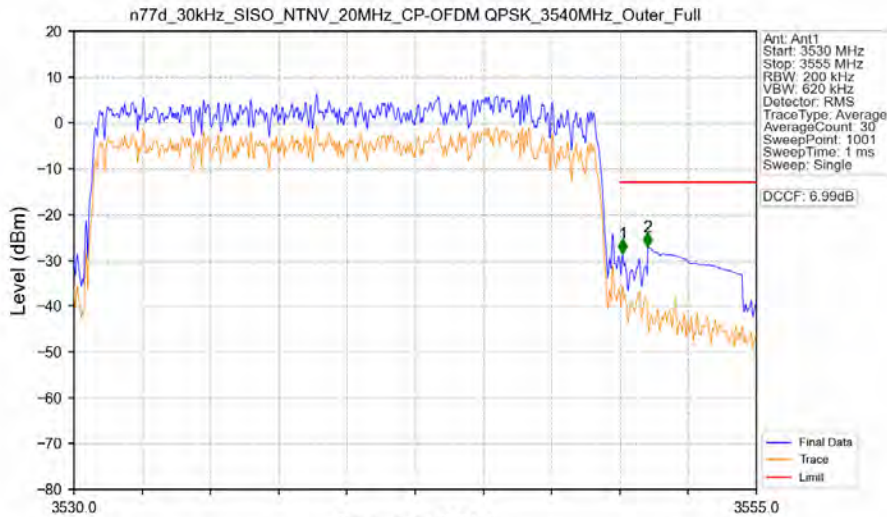
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Report No.: SZCR240100038409

Rev.: 01

Page: 438 of 973

n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3530	3550	0.2	/	/	/	/	/	/
3550	3551	0.2	/	1	3550.100	-28.58	-13	Pass
3551	3555	1	CHP	2	3551.025	-27.15	-13	Pass

n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Inner_1RB_Right



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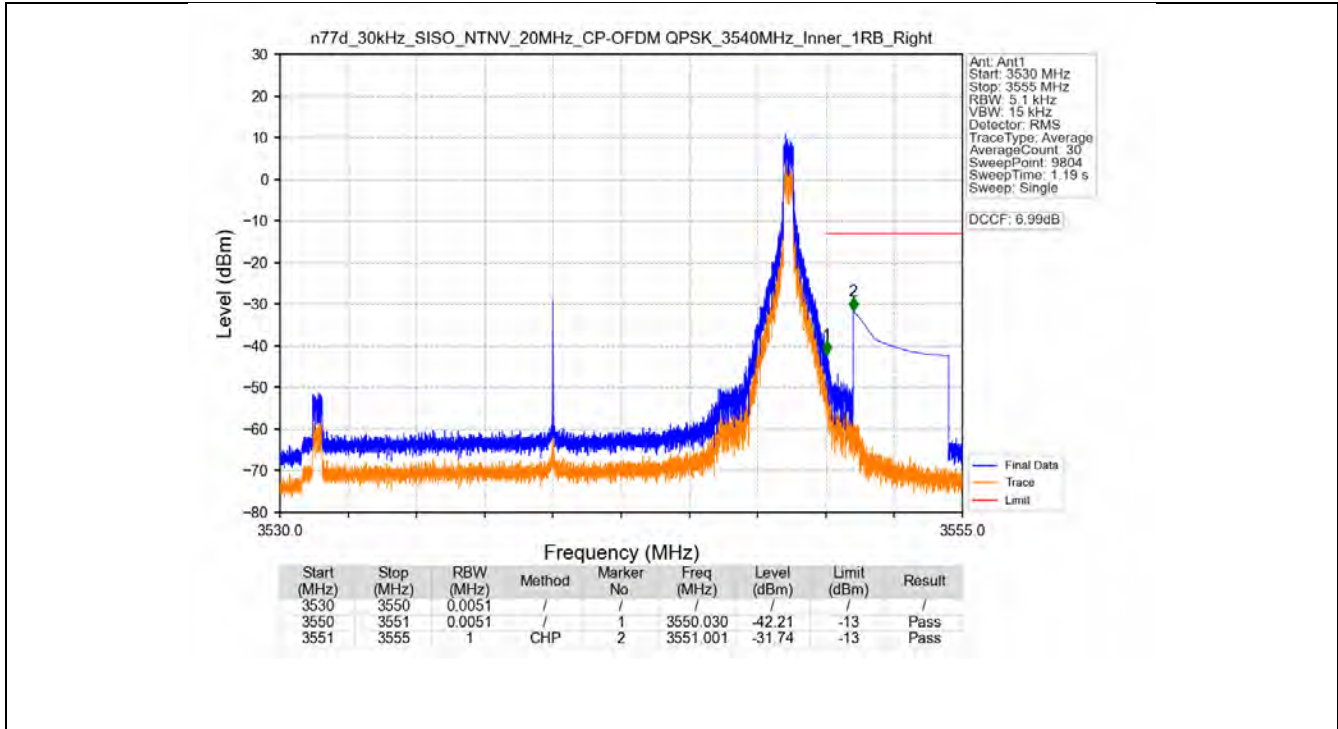


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Report No.: SZCR240100038409

Rev.: 01

Page: 439 of 973



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Report No.: SZCR240100038409
Rev.: 01
Page: 440 of 973

5.2 30k_SISO_30MHz_NTNV

5.2.1 Test Result

5G NR n77d SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant4	Sum	
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3465	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3500.01	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
CP-OFDM QPSK	3534.99	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
	3465	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
3500.01	Edge_1RB_Left	Refer To Test Graph			Pass	
	Edge_1RB_Right	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	
3534.99	Inner_1RB_Right	Refer To Test Graph			Pass	
	Edge_1RB_Left	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	



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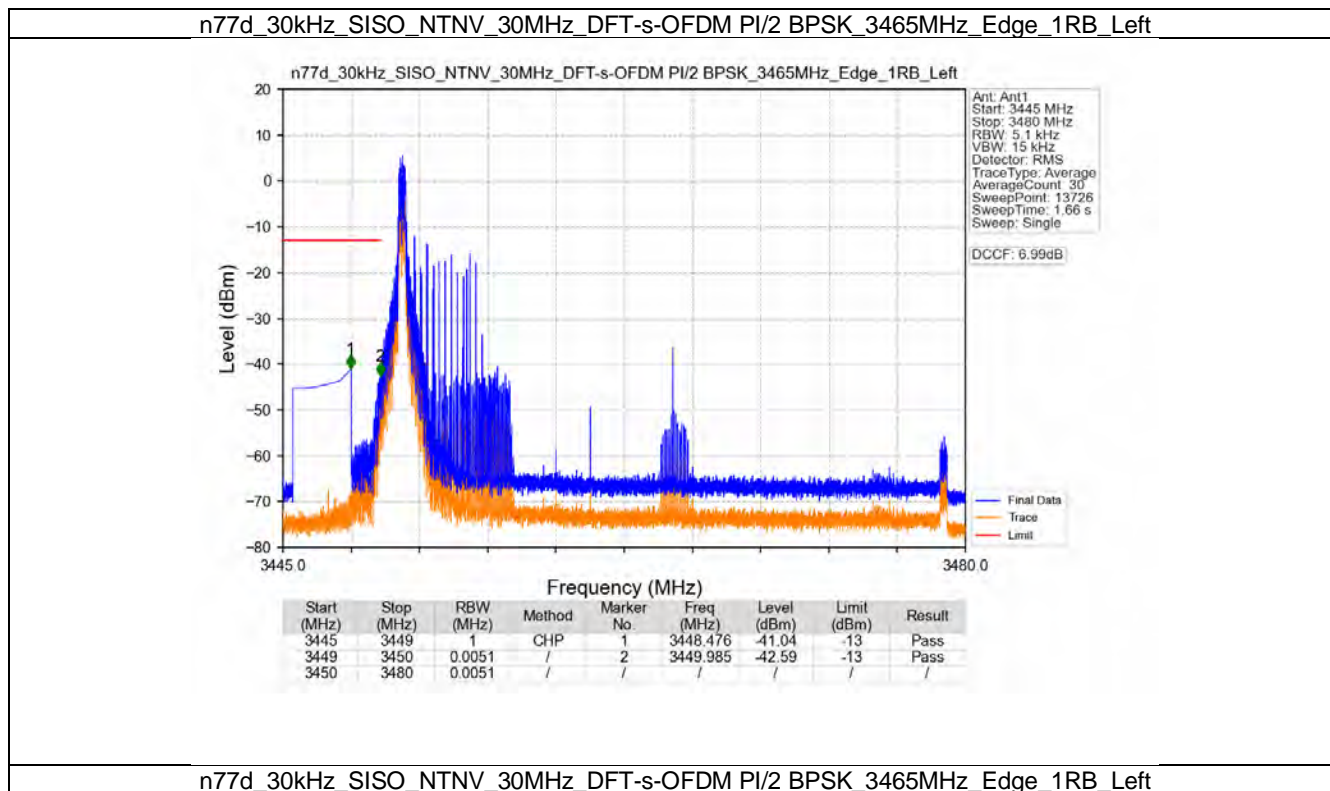
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Report No.: SZCR240100038409
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 Page: 441 of 973

5.2.2 Test Graph



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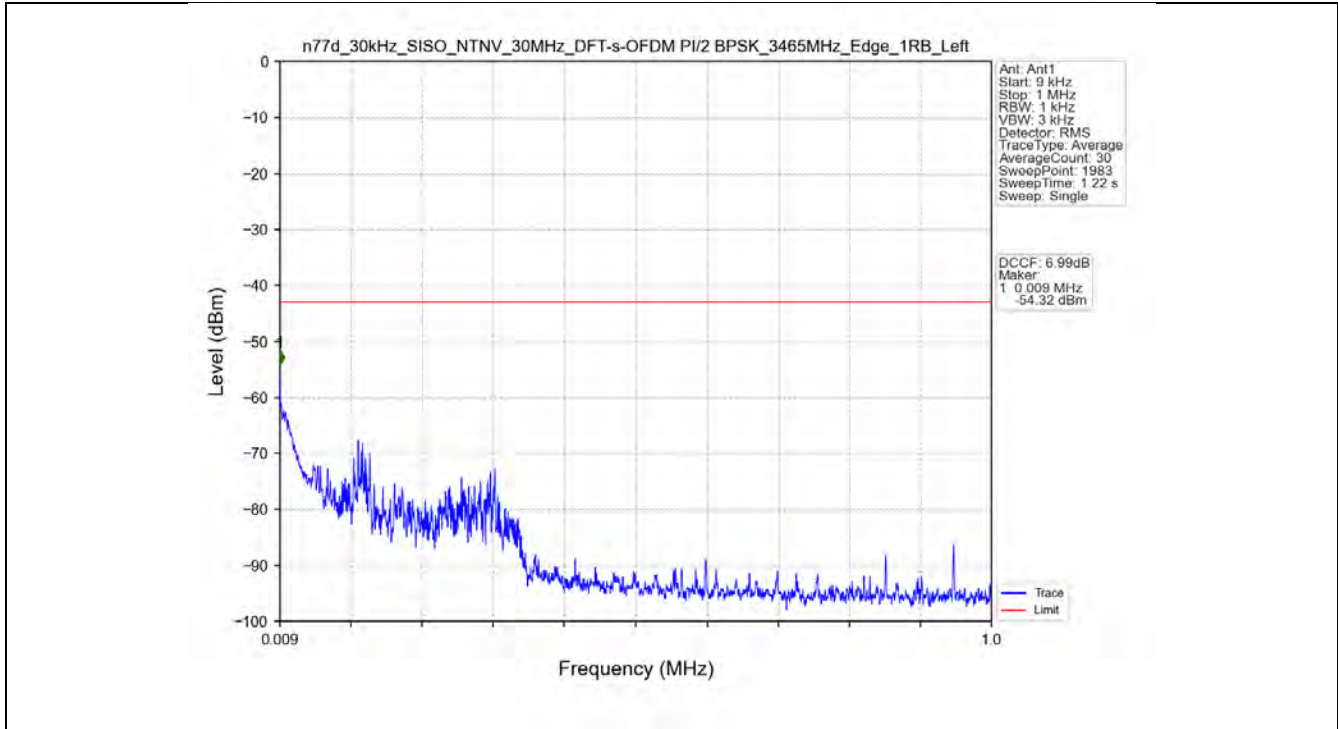


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Rev.: 01

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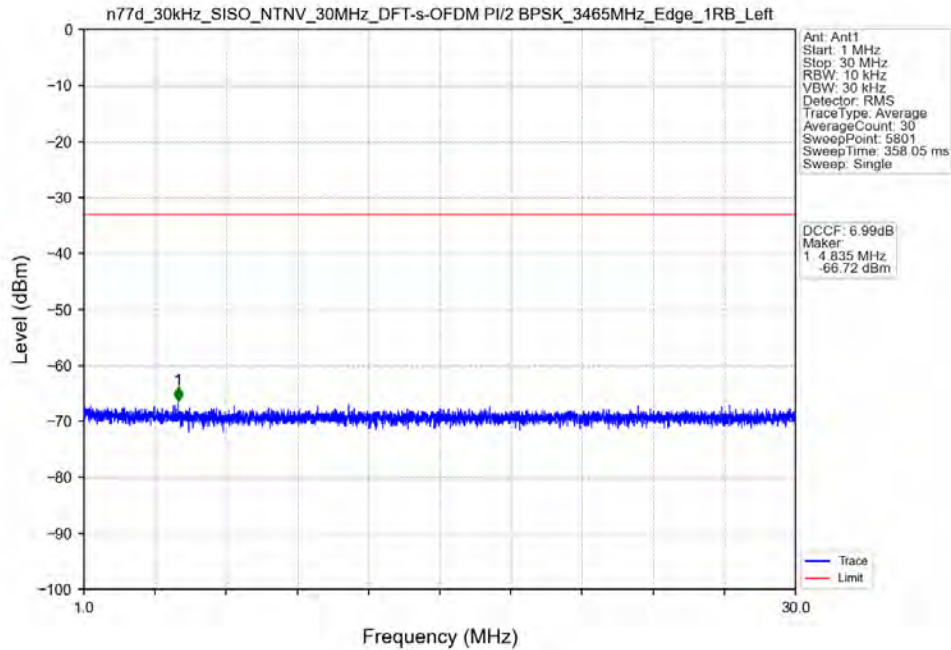
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Report No.: SZCR240100038409

Rev.: 01

Page: 443 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3465MHz_Edge_1RB_Left



n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3465MHz_Edge_1RB_Left



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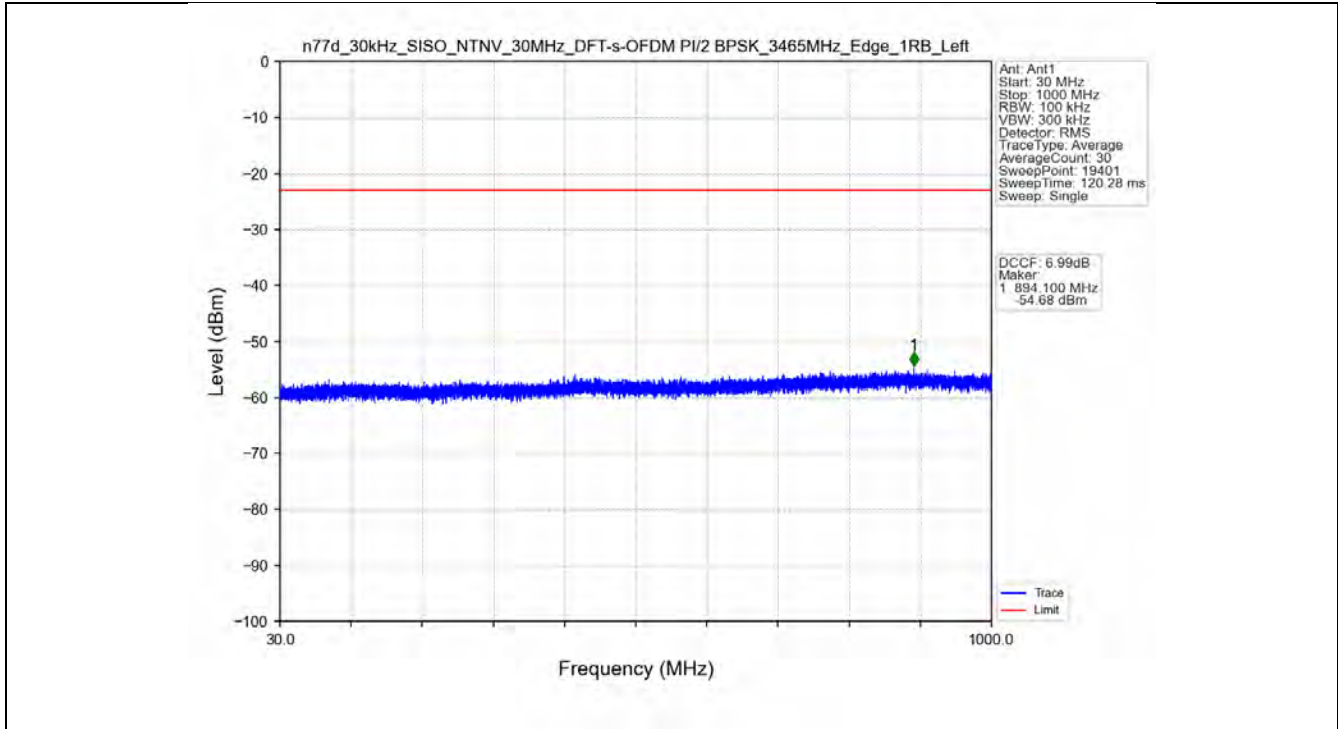


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Rev.: 01

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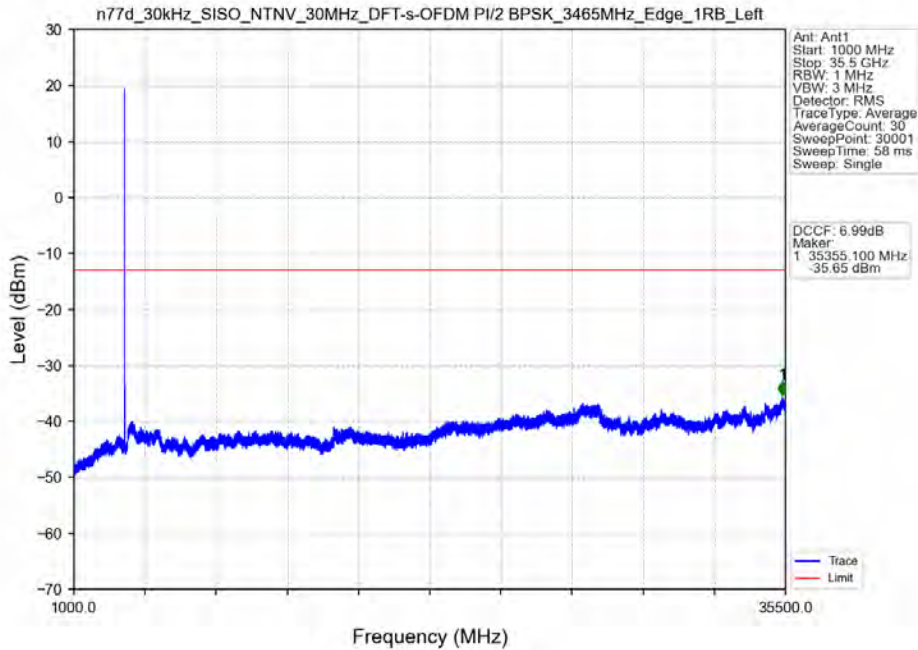
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Report No.: SZCR240100038409

Rev.: 01

Page: 445 of 973

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n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3465MHz_Outer_Full



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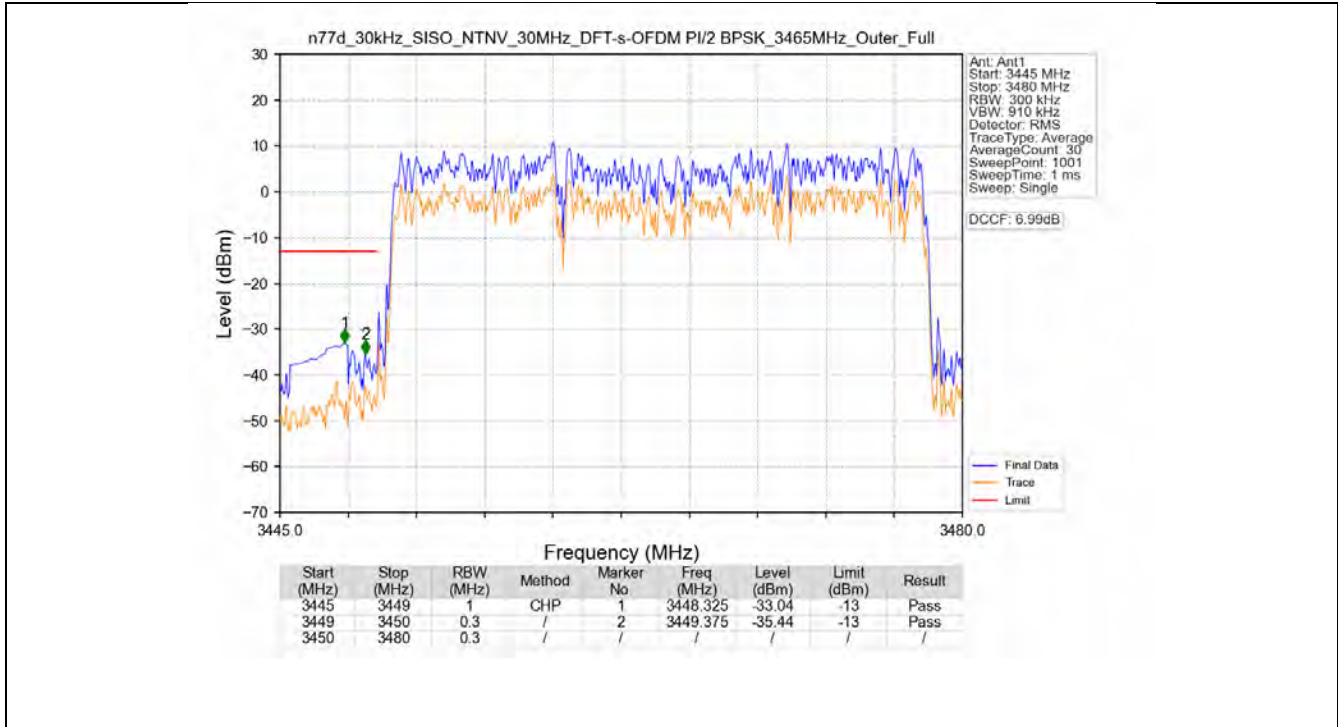


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Rev.: 01

Page: 446 of 973



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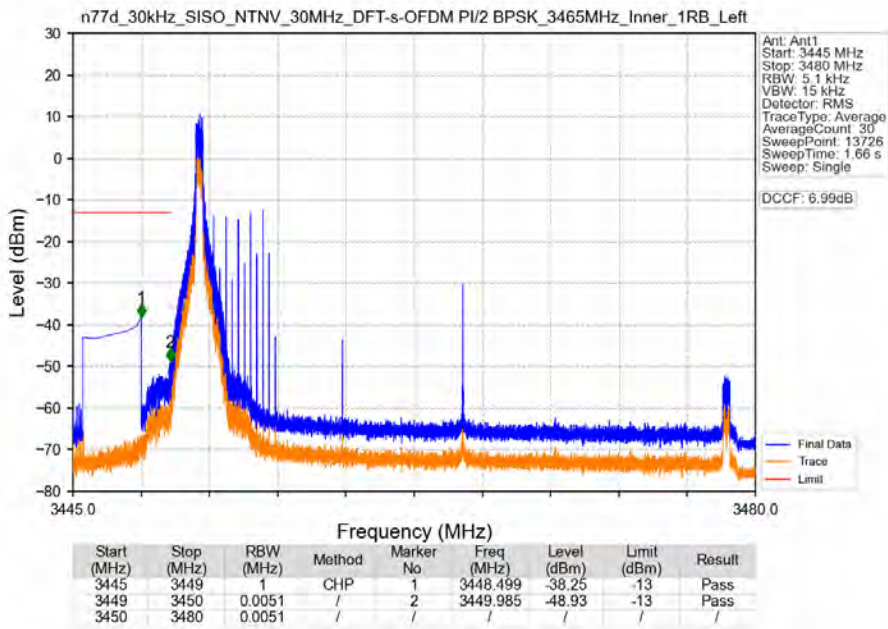
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Report No.: SZCR240100038409
Rev.: 01
Page: 447 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3465MHz_Inner_1RB_Left



n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



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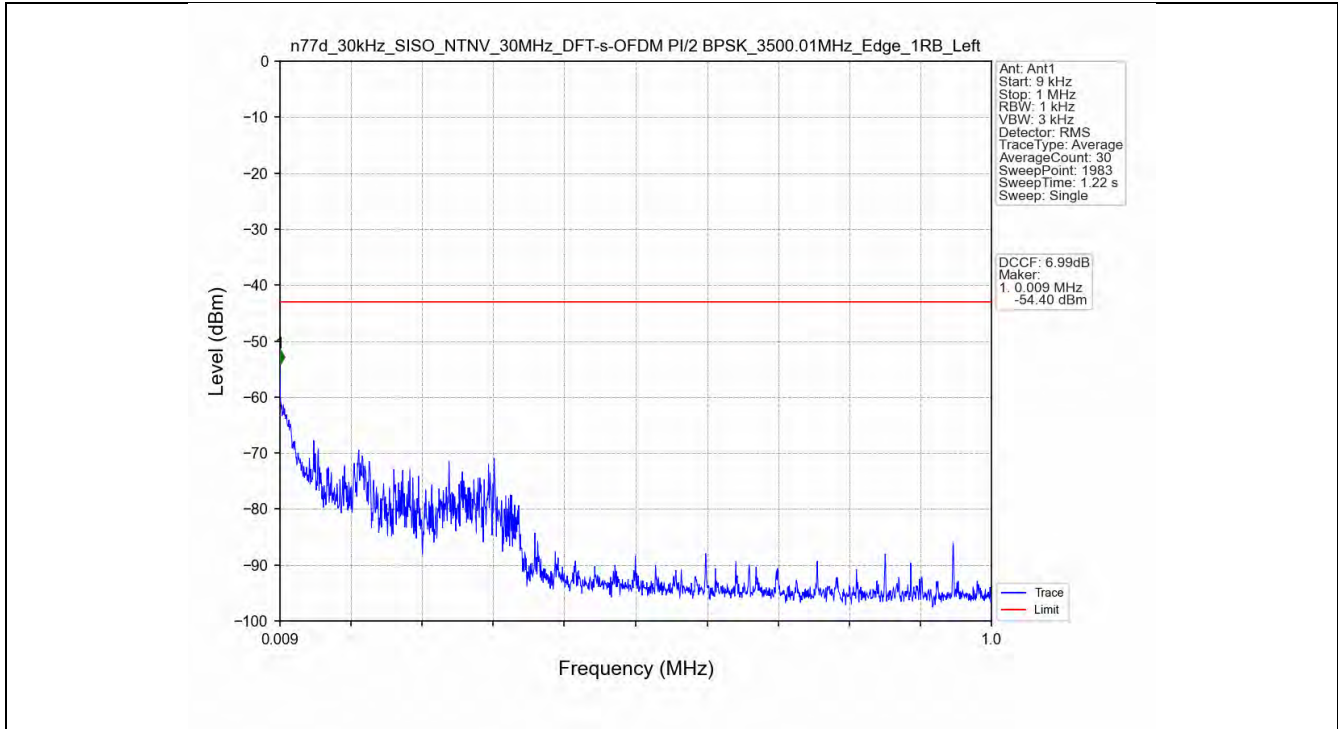


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Report No.: SZCR240100038409

Rev.: 01

Page: 448 of 973



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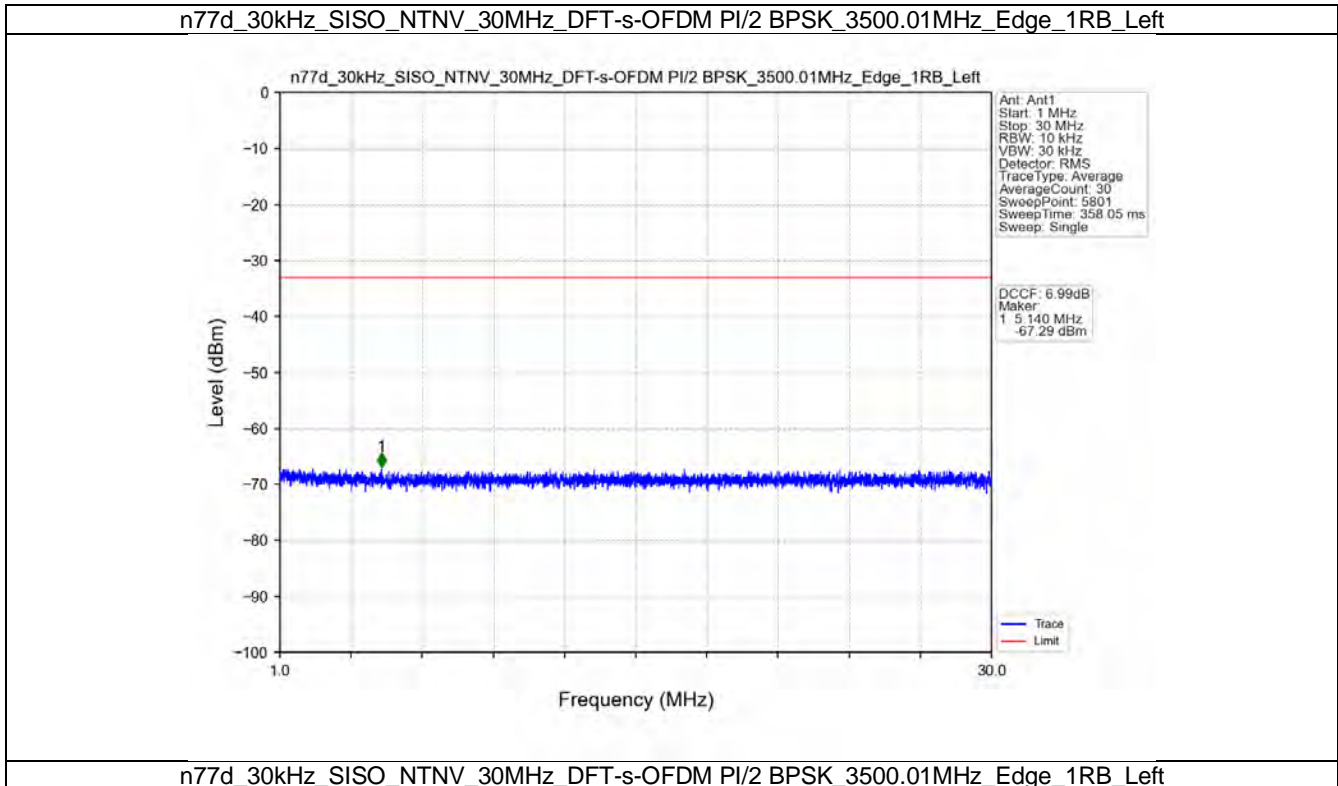


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Report No.: SZCR240100038409

Rev.: 01

Page: 449 of 973



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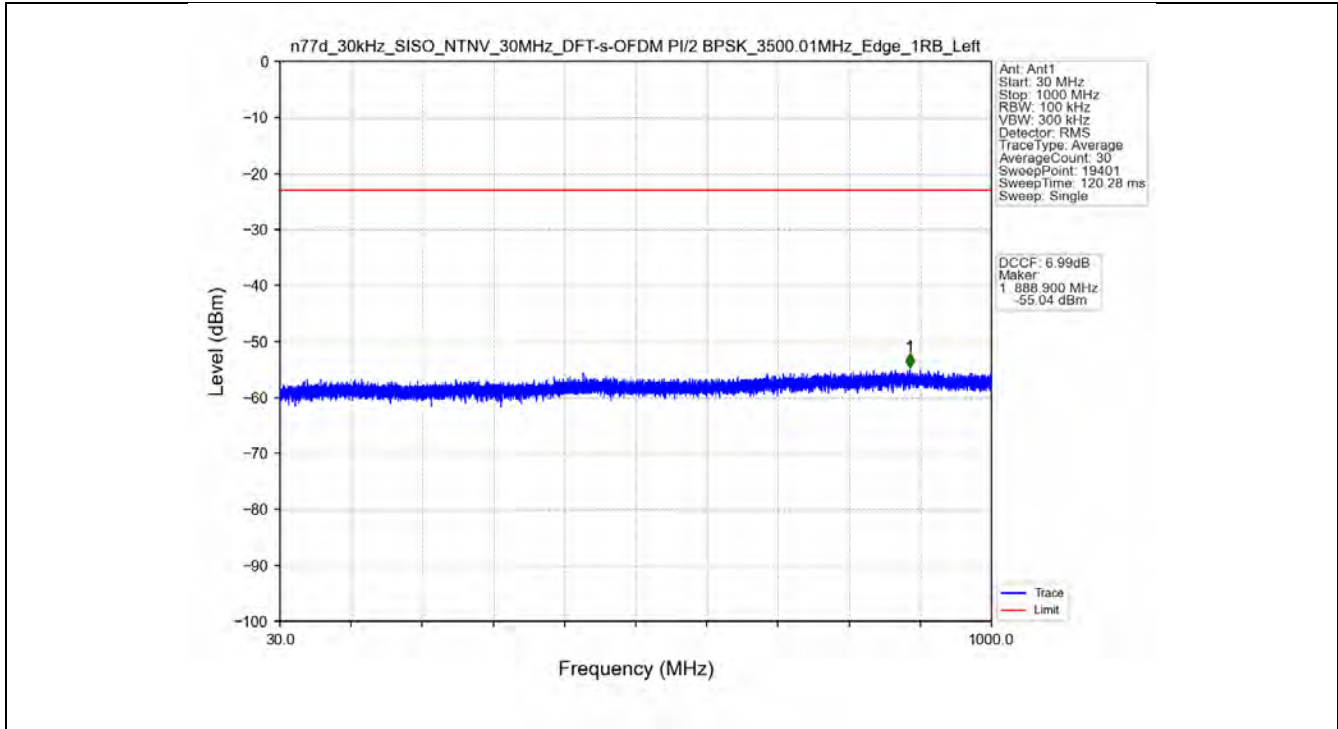


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Report No.: SZCR240100038409

Rev.: 01

Page: 450 of 973



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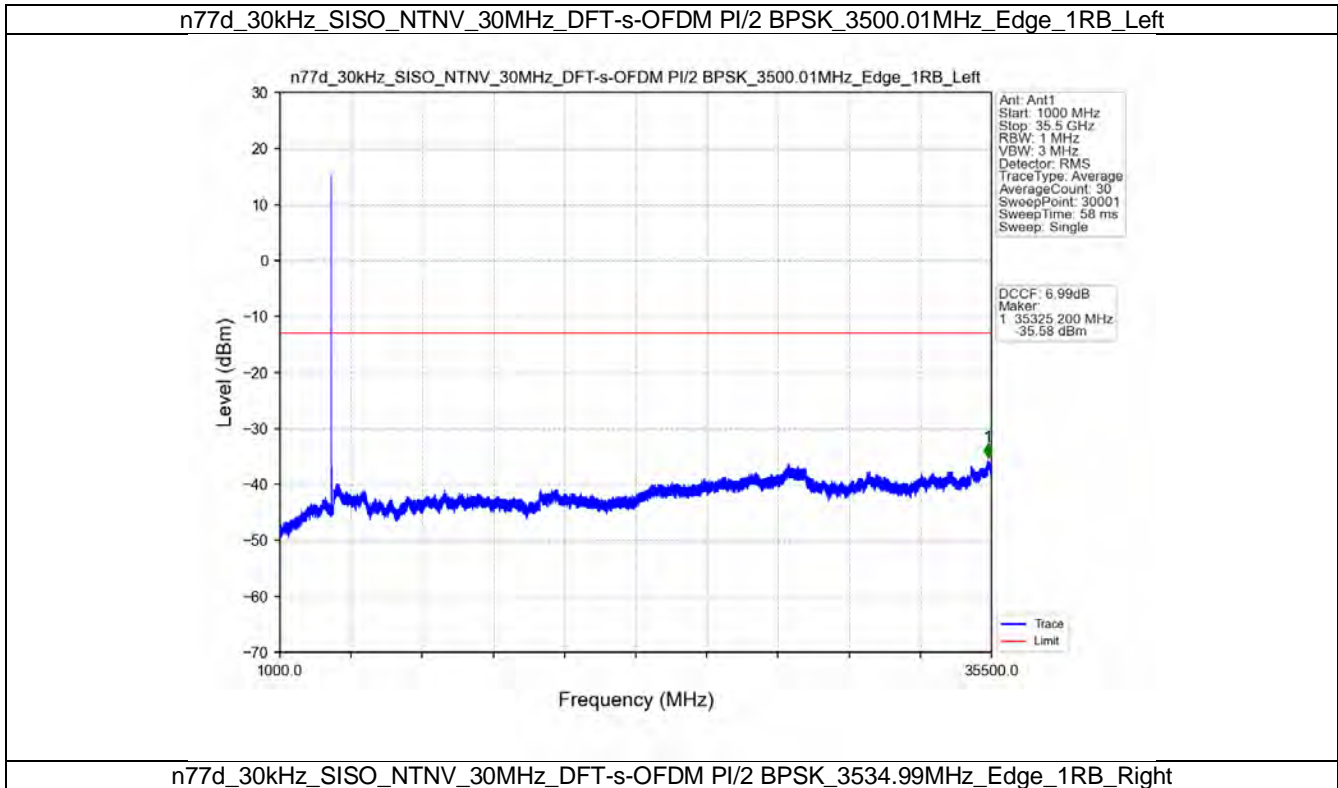


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Rev.: 01

Page: 451 of 973



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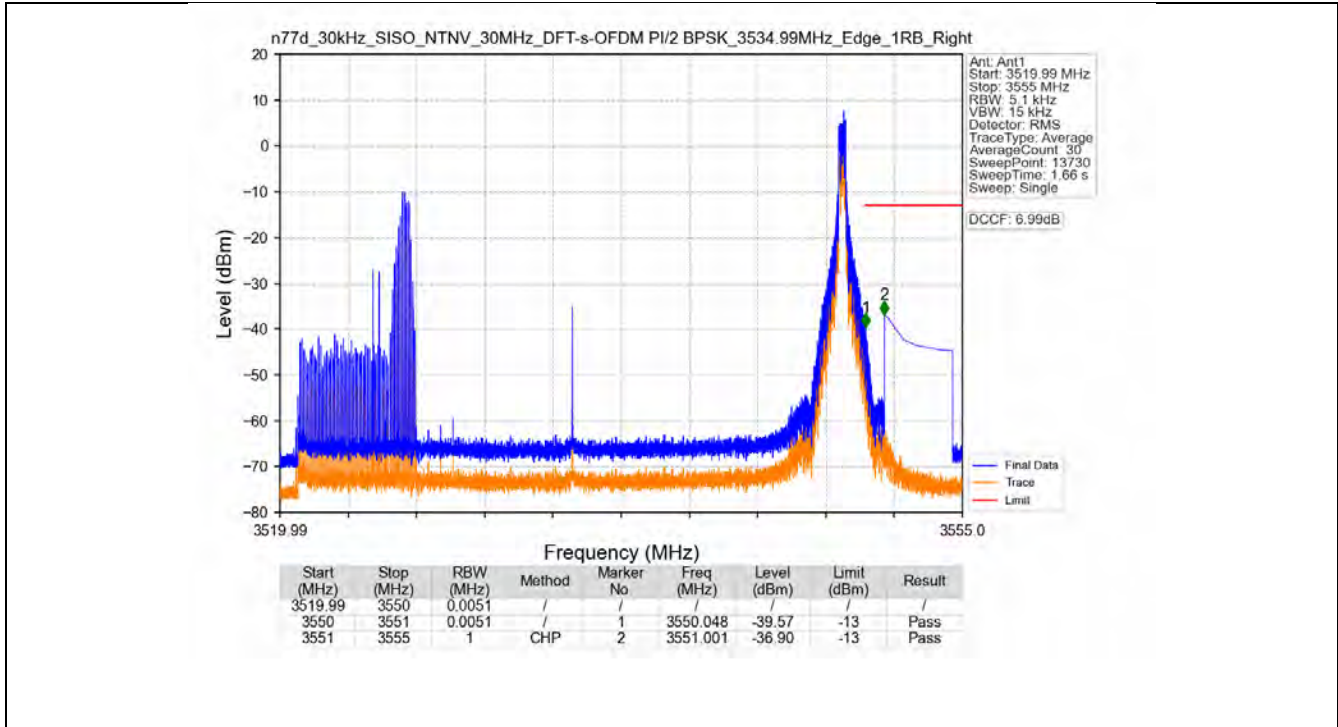


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Rev.: 01

Page: 452 of 973



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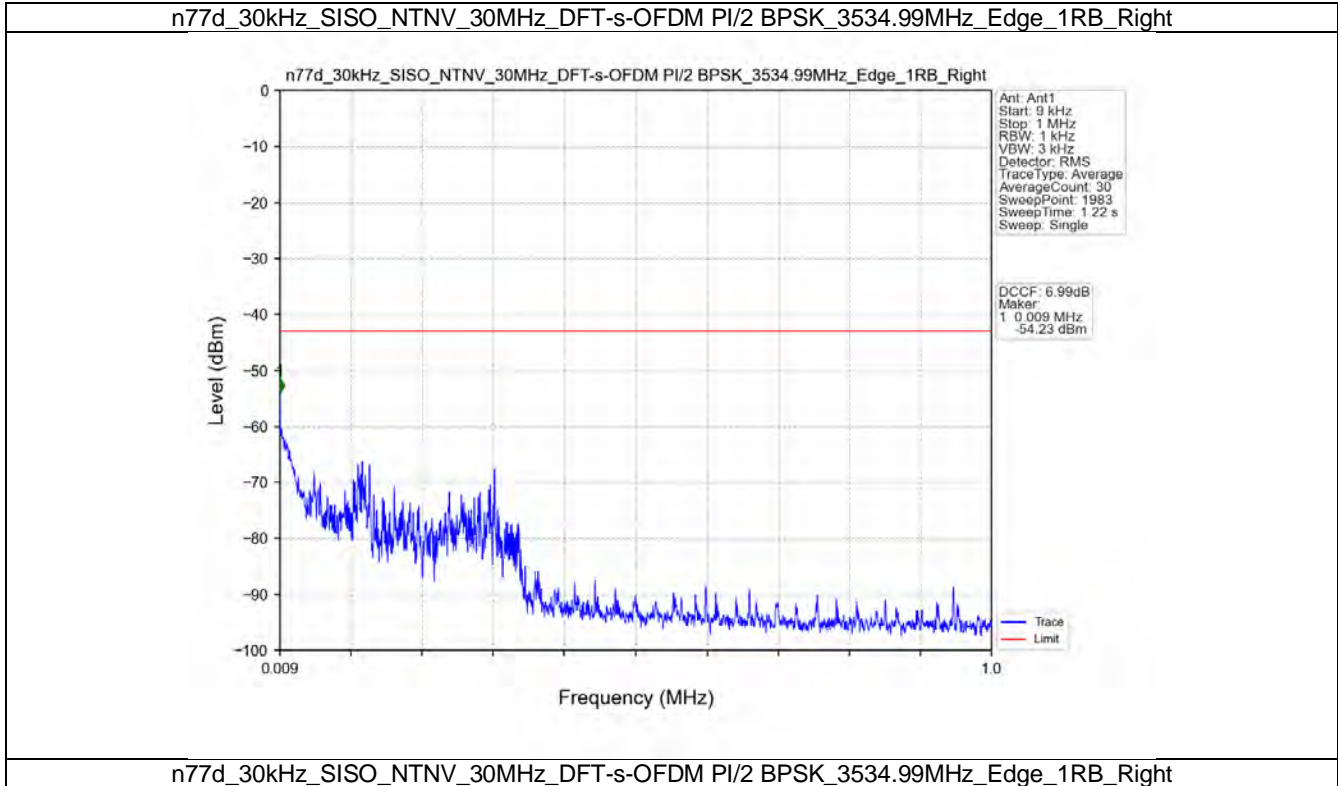


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Report No.: SZCR240100038409

Rev.: 01

Page: 453 of 973



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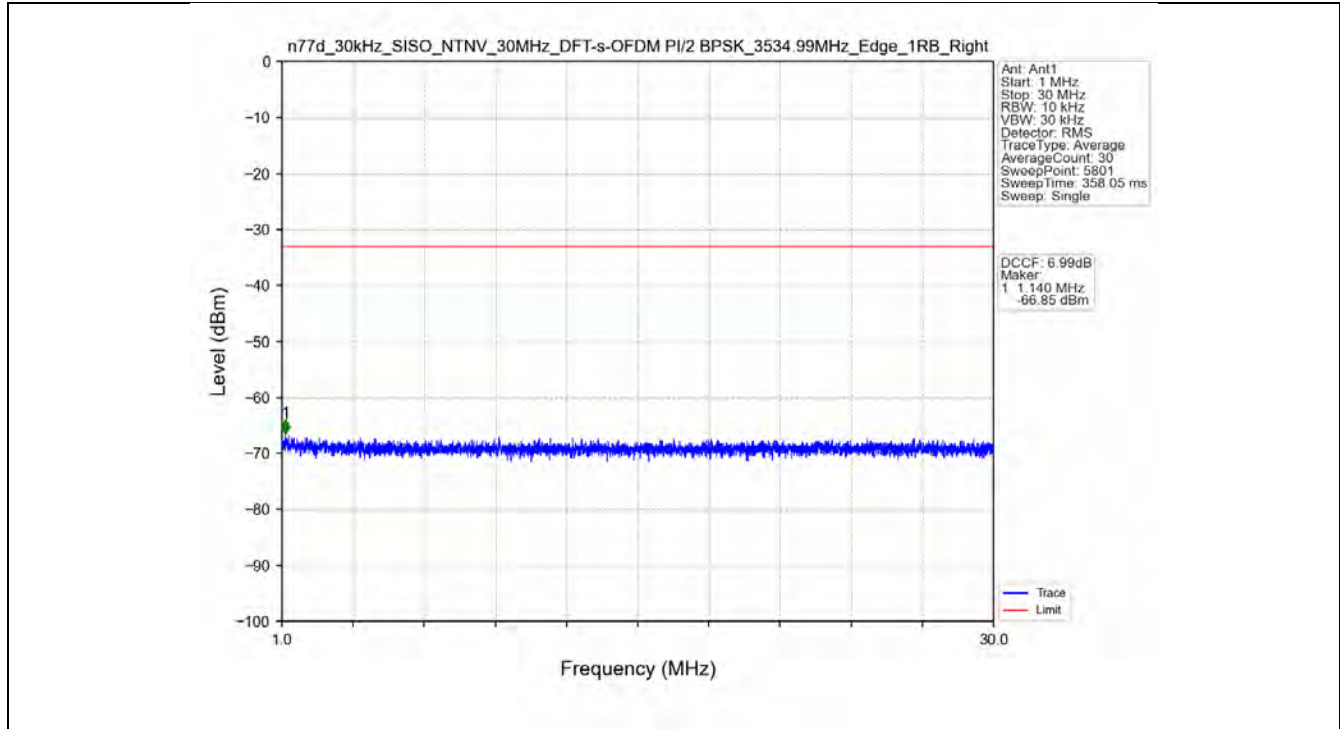


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Rev.: 01

Page: 454 of 973



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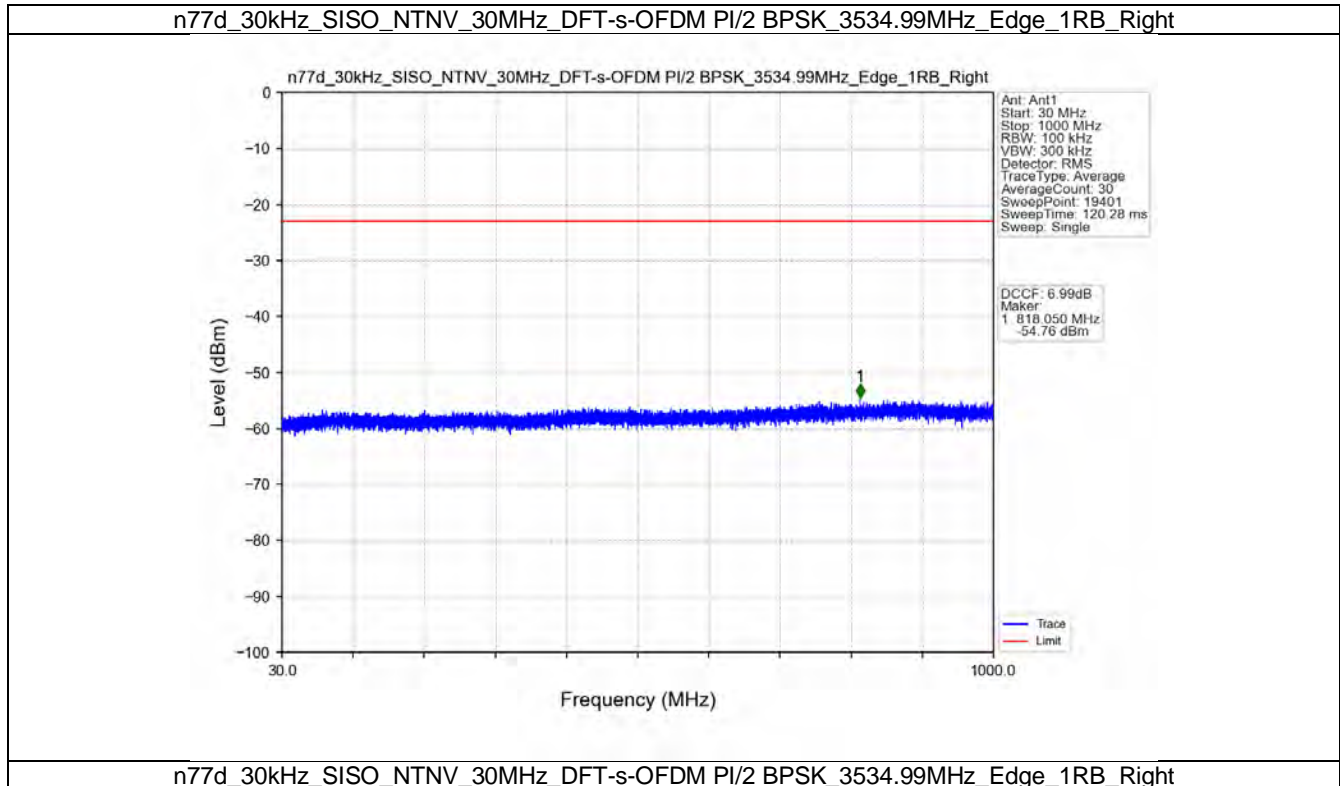


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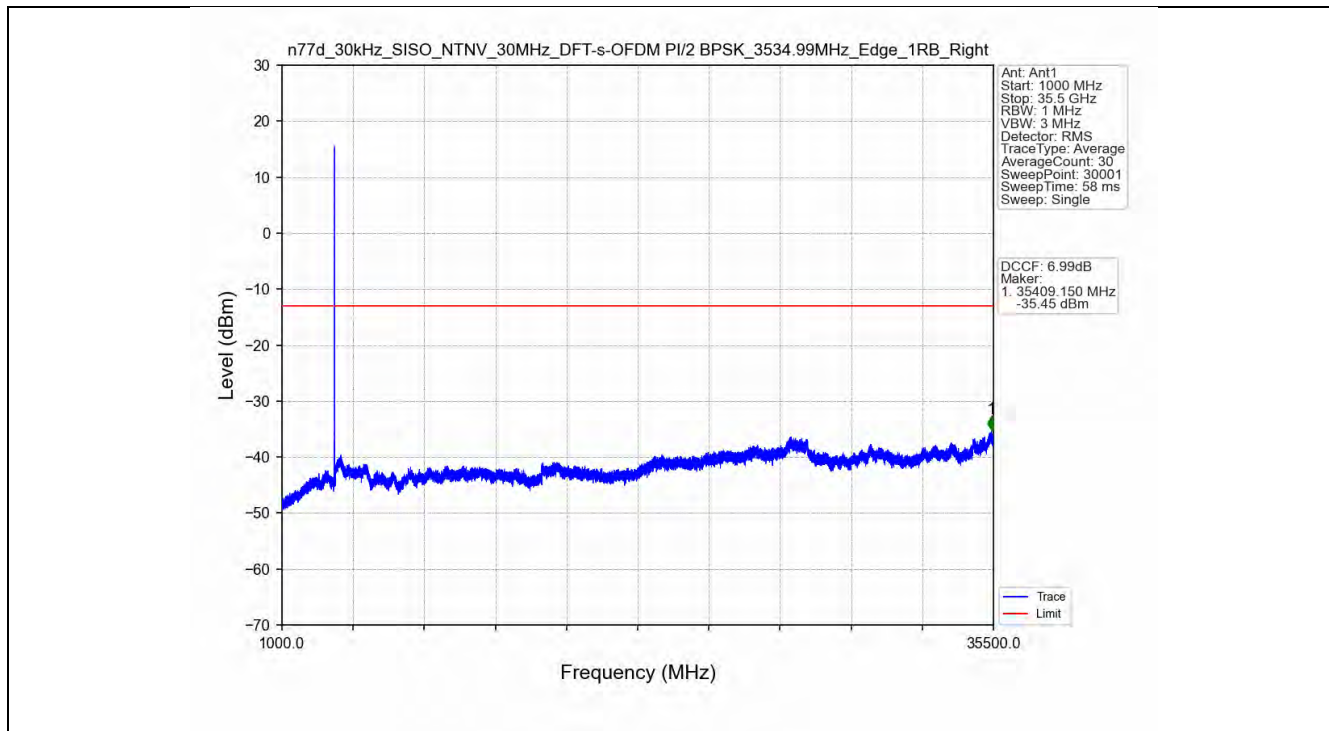
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Rev.: 01
Page: 456 of 973



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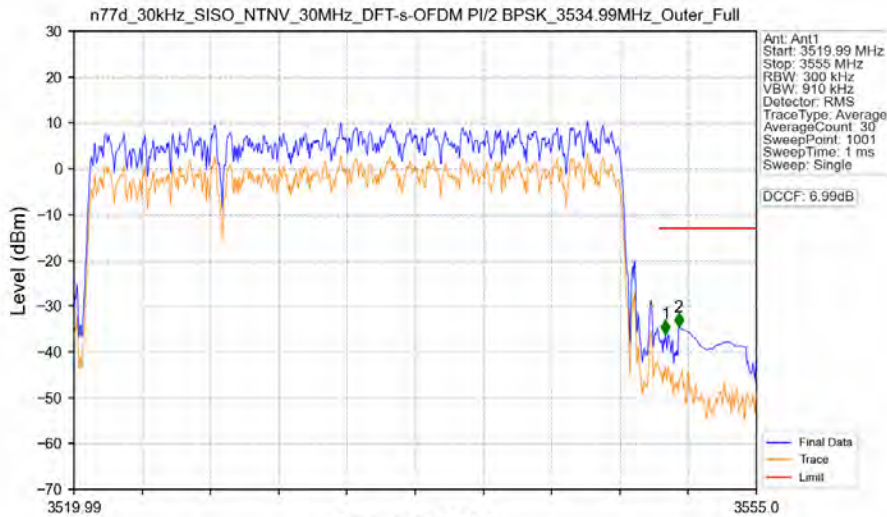
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Report No.: SZCR240100038409

Rev.: 01

Page: 457 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3534.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3519.99	3550	0.3	/	/	/	/	/	/
3550	3551	0.3	/	1	3550.344	-36.08	-13	Pass
3551	3555	1	CHP	2	3551.009	-34.62	-13	Pass

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3534.99MHz_Inner_1RB_Right



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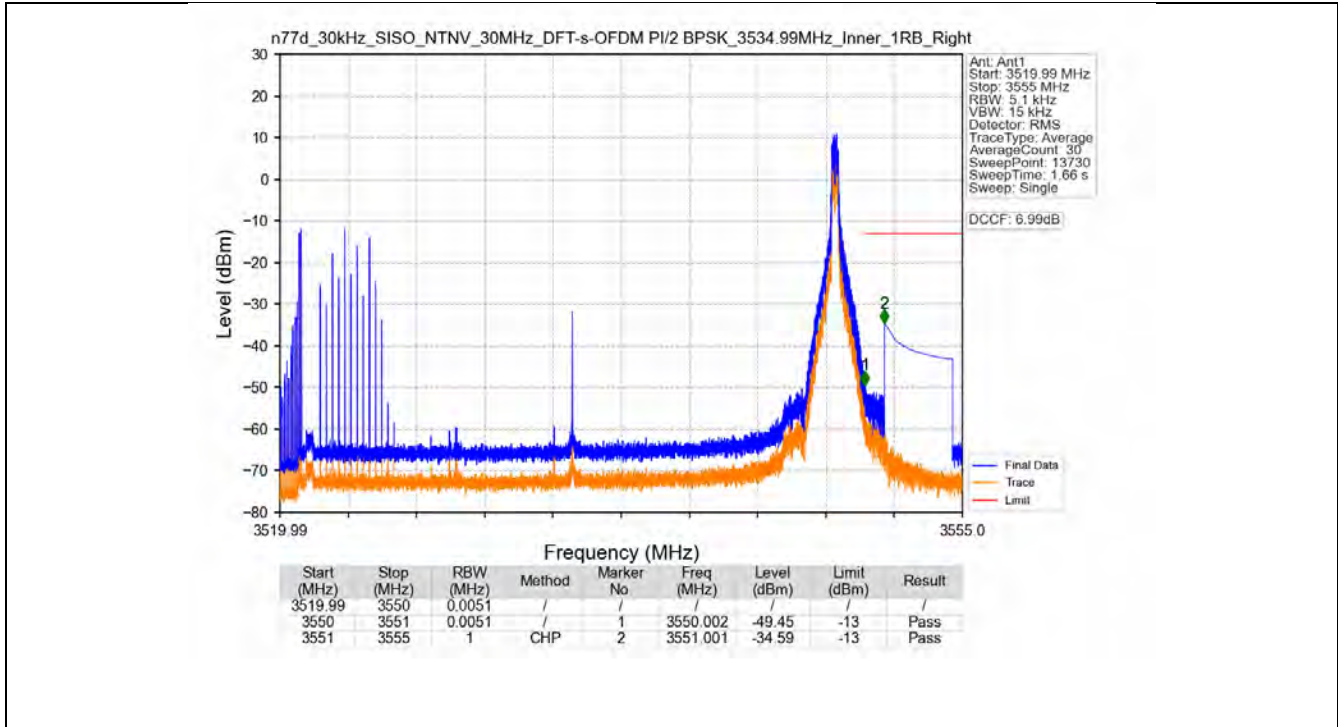


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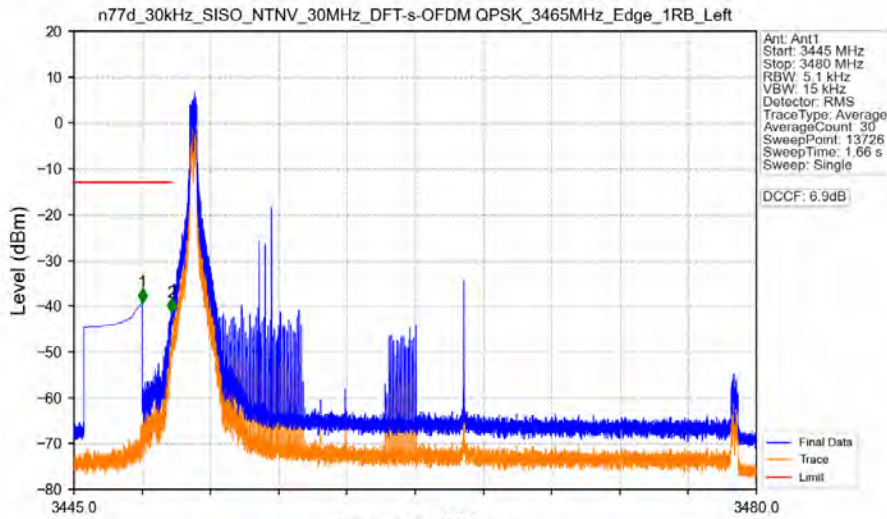
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Report No.: SZCR240100038409

Rev.: 01

Page: 459 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3465MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	1	CHP	1	3448.496	-39.17	-13	Pass
3449	3450	0.0051	/	2	3449.998	-41.37	-13	Pass
3450	3480	0.0051	/	/	/	/	/	/

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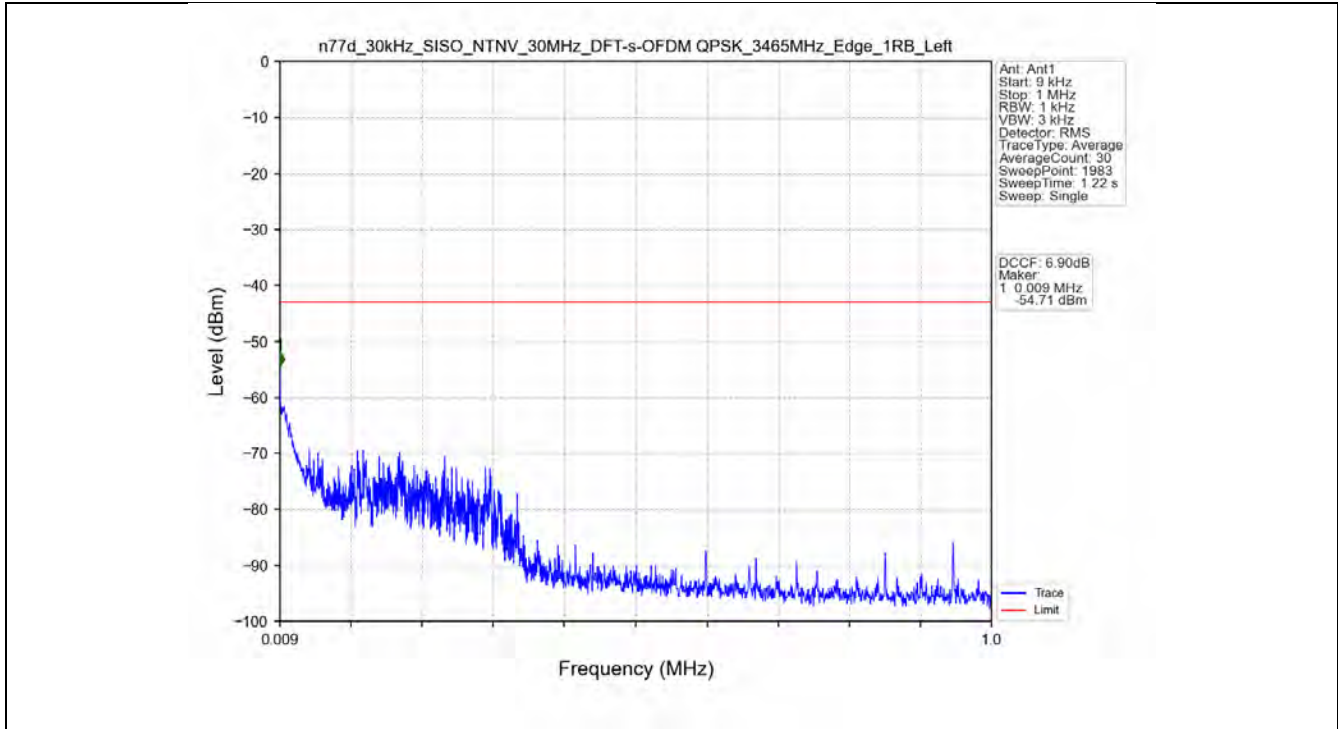


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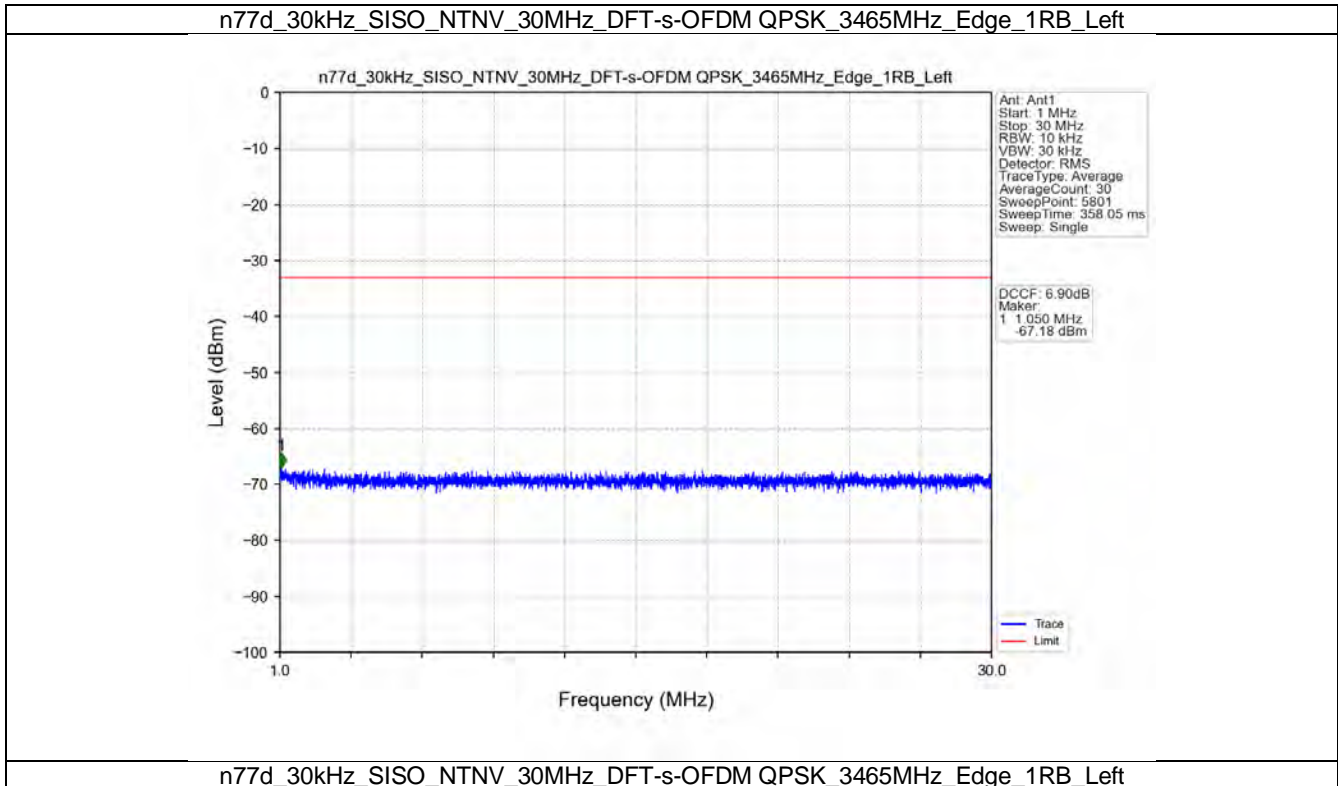


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Report No.: SZCR240100038409

Rev.: 01

Page: 461 of 973



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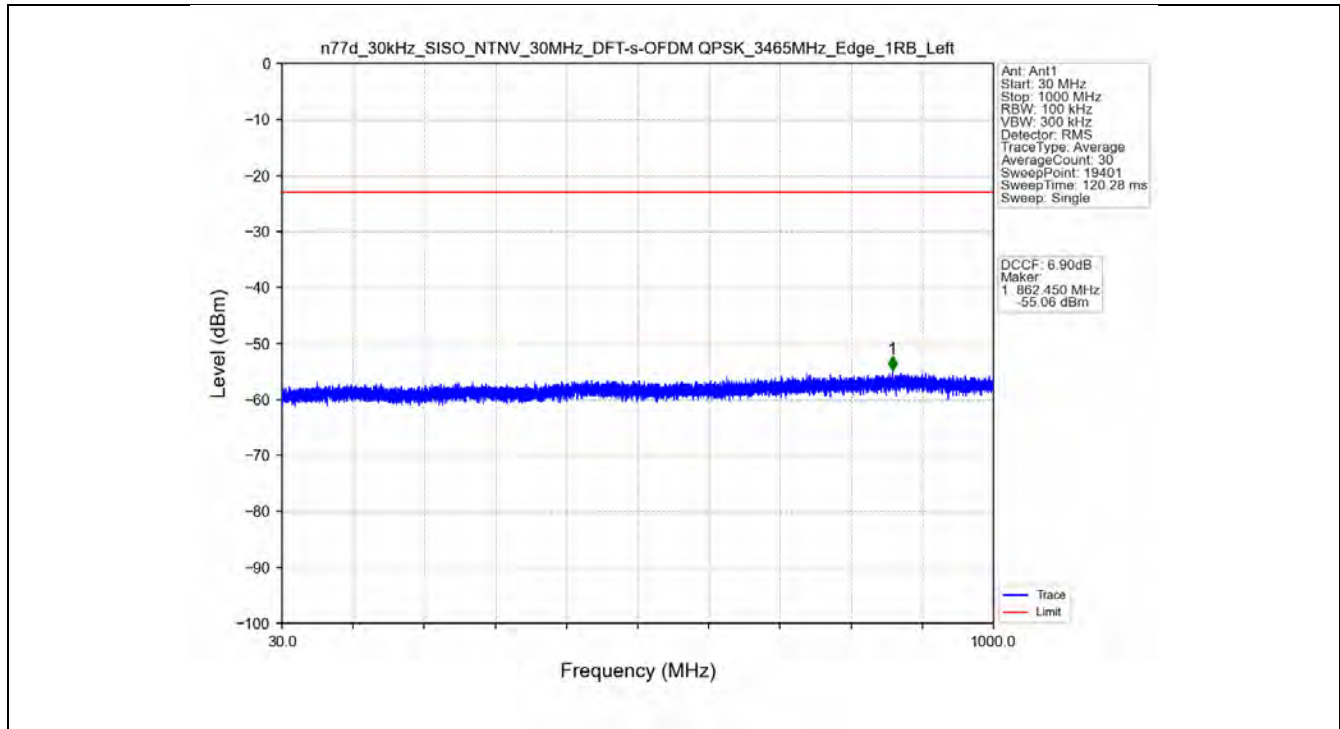


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Report No.: SZCR240100038409

Rev.: 01

Page: 462 of 973



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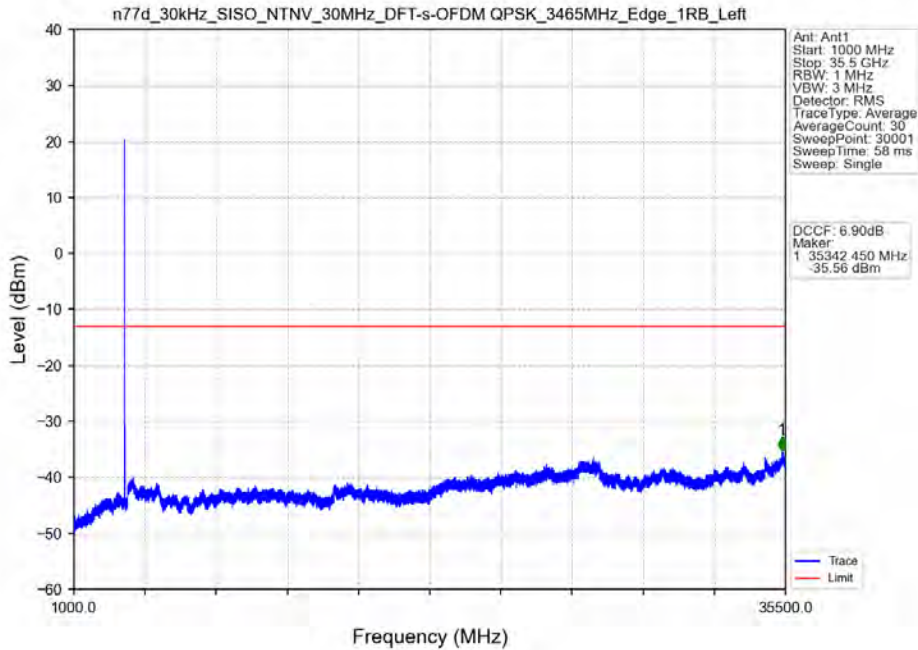
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Report No.: SZCR240100038409

Rev.: 01

Page: 463 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3465MHz_Edge_1RB_Left



n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3465MHz_Outer_Full



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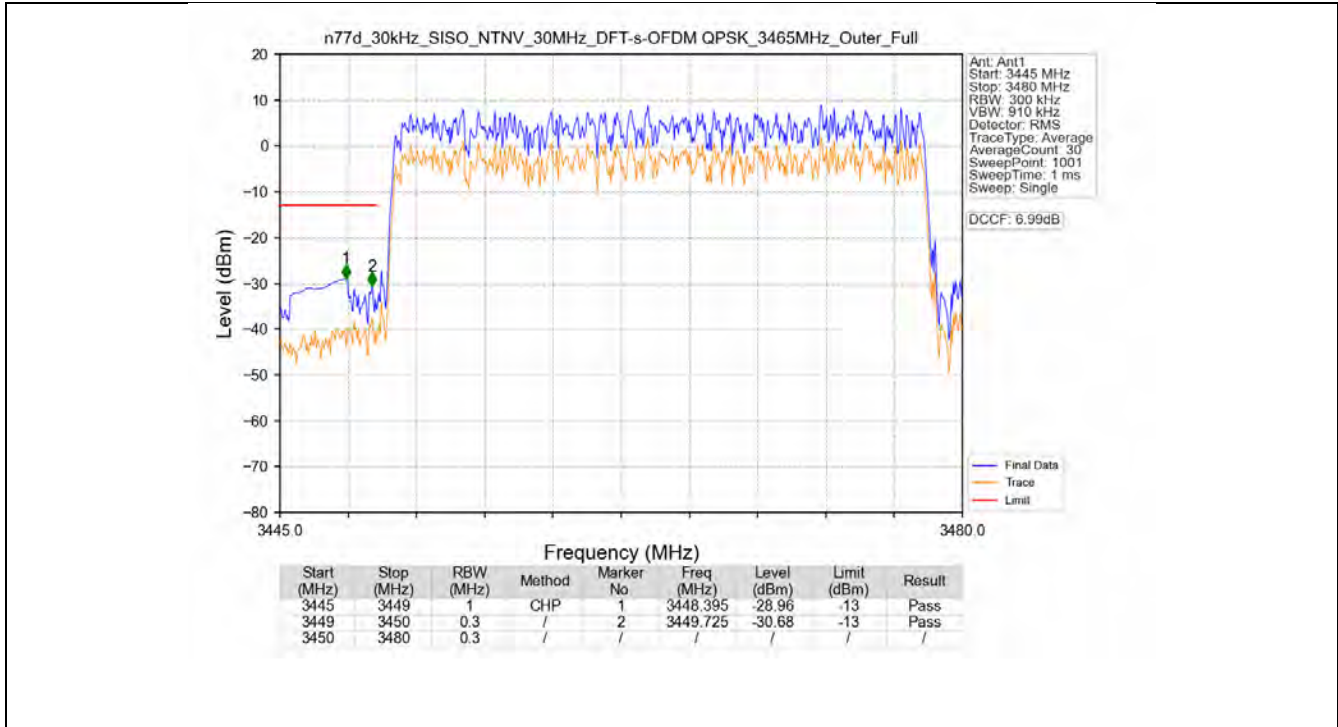


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Report No.: SZCR240100038409

Rev.: 01

Page: 464 of 973



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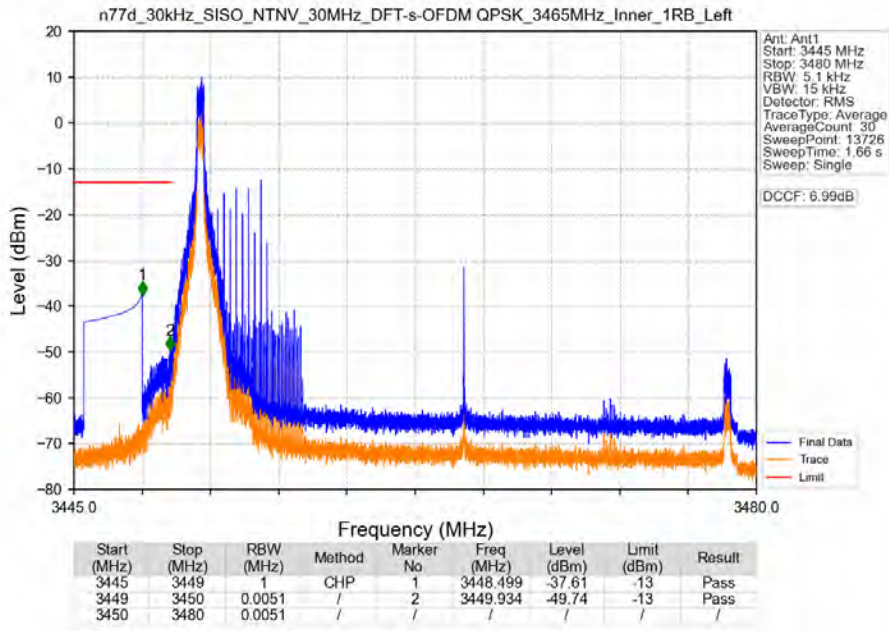
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Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 465 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3465MHz_Inner_1RB_Left



n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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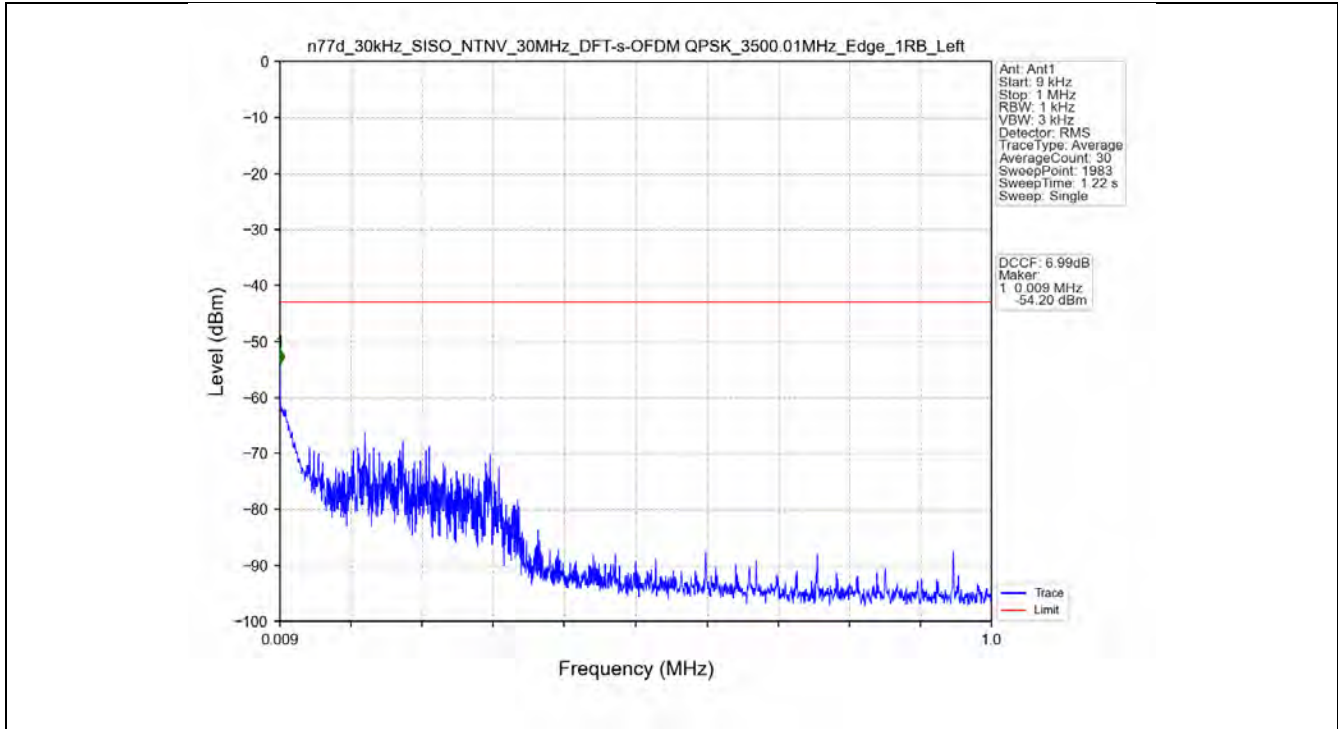


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Report No.: SZCR240100038409

Rev.: 01

Page: 466 of 973



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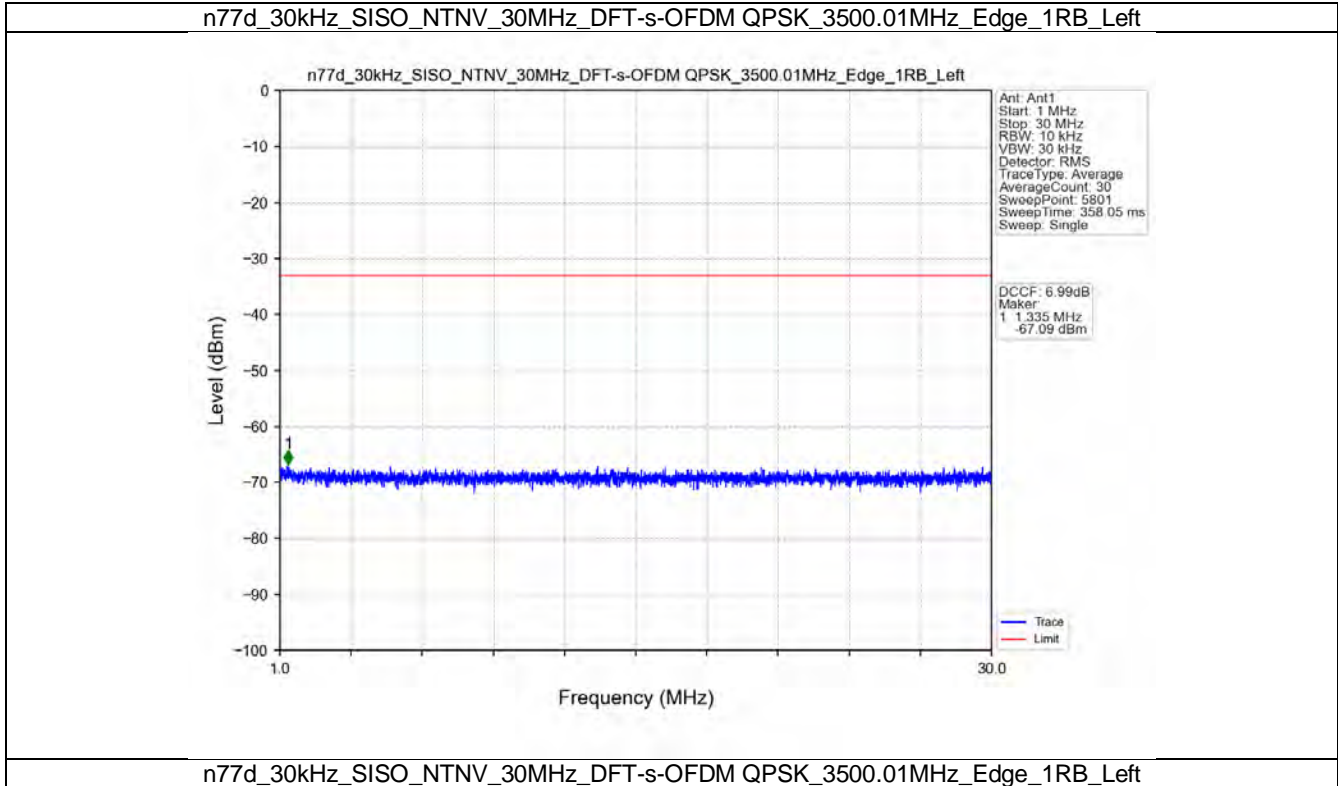


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Report No.: SZCR240100038409

Rev.: 01

Page: 467 of 973



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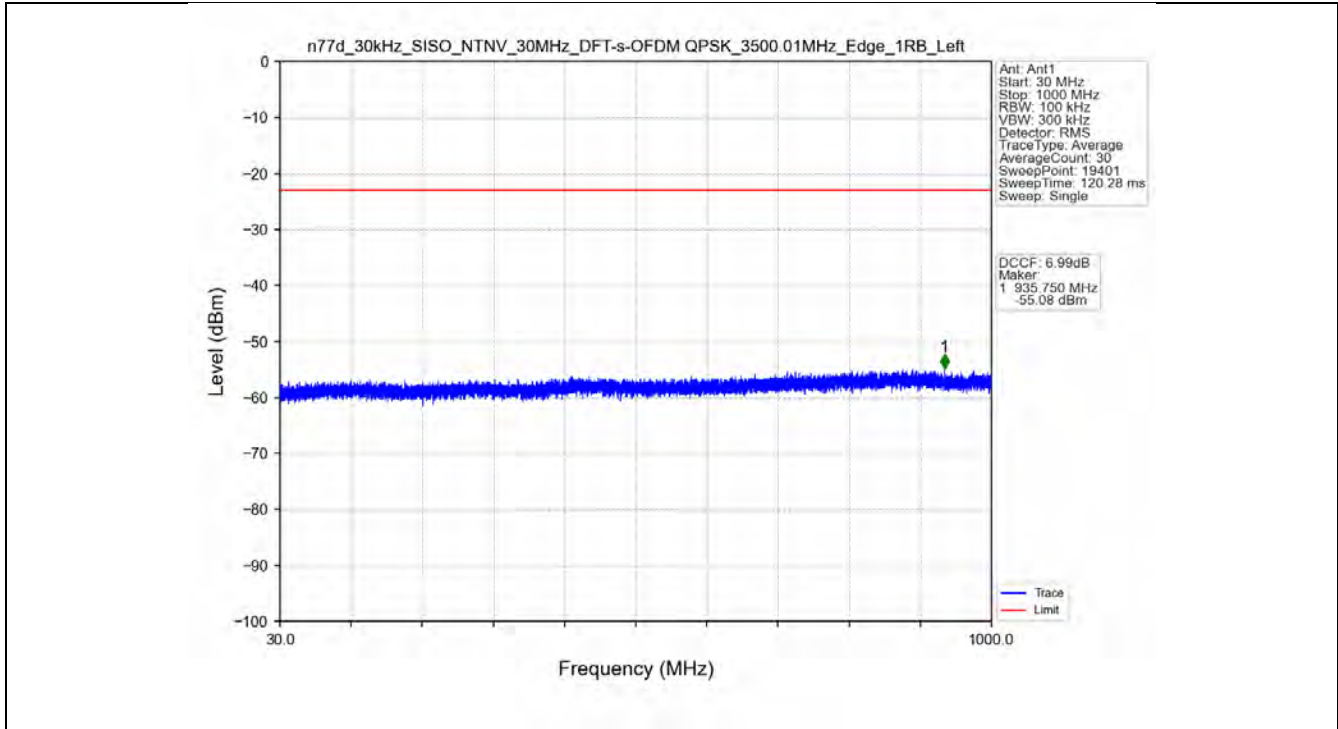


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Page: 468 of 973



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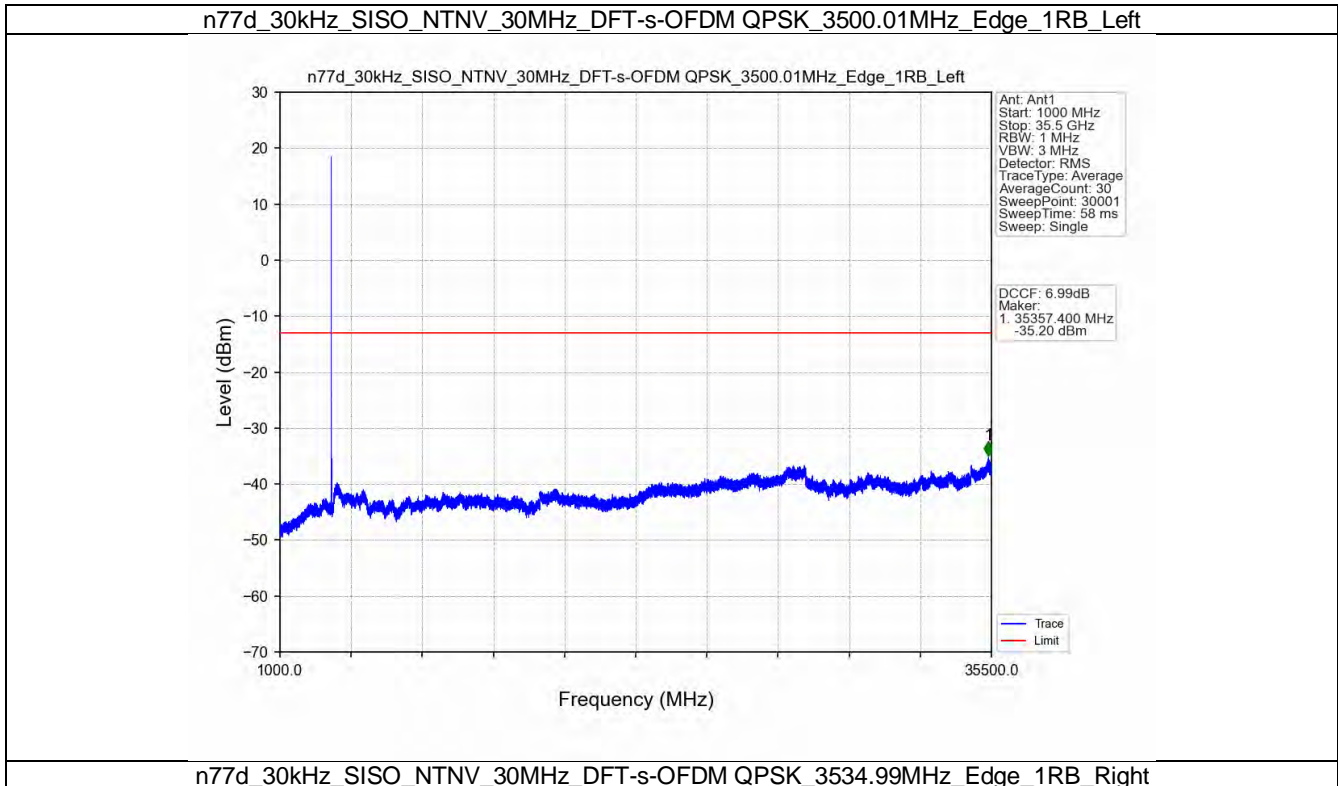


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Page: 469 of 973



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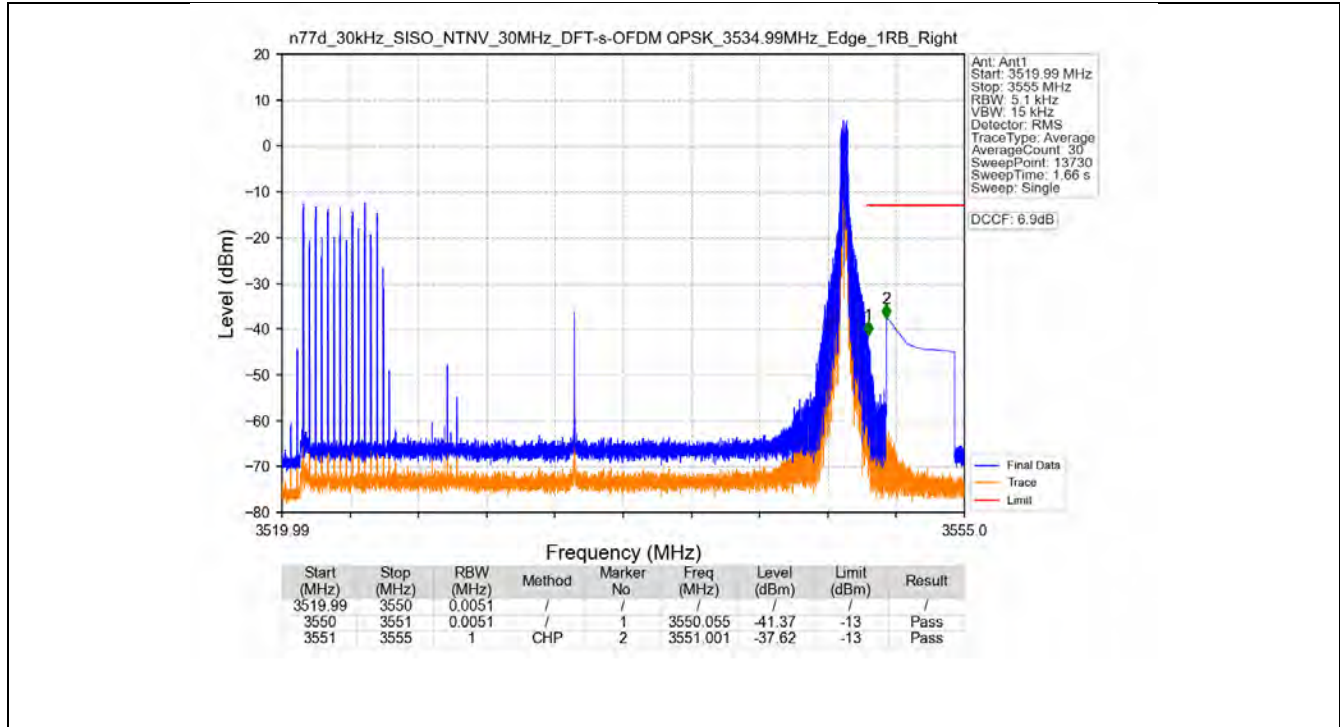


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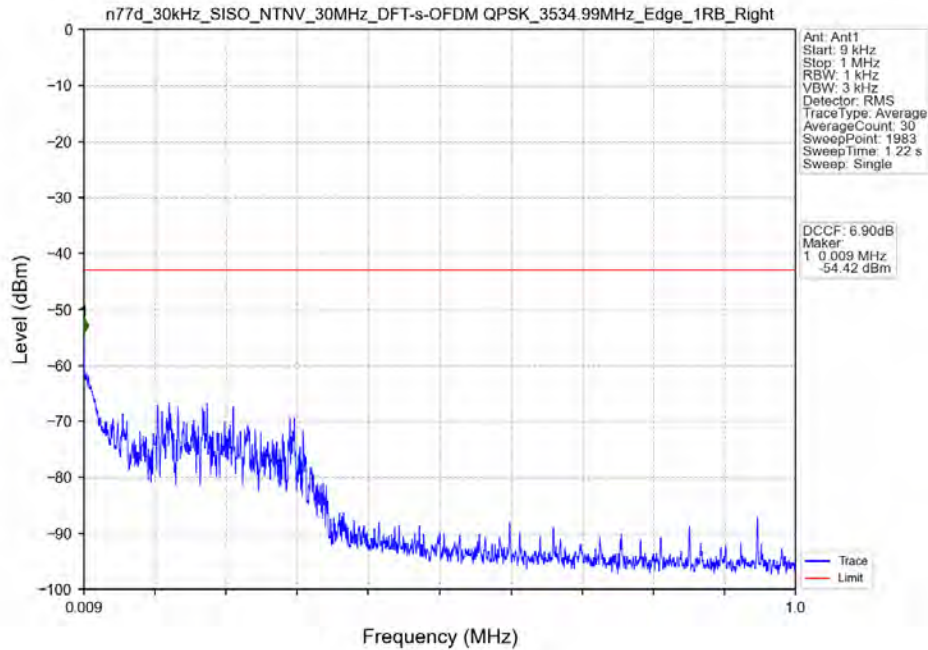
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Report No.: SZCR240100038409

Rev.: 01

Page: 471 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3534.99MHz_Edge_1RB_Right



n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3534.99MHz_Edge_1RB_Right



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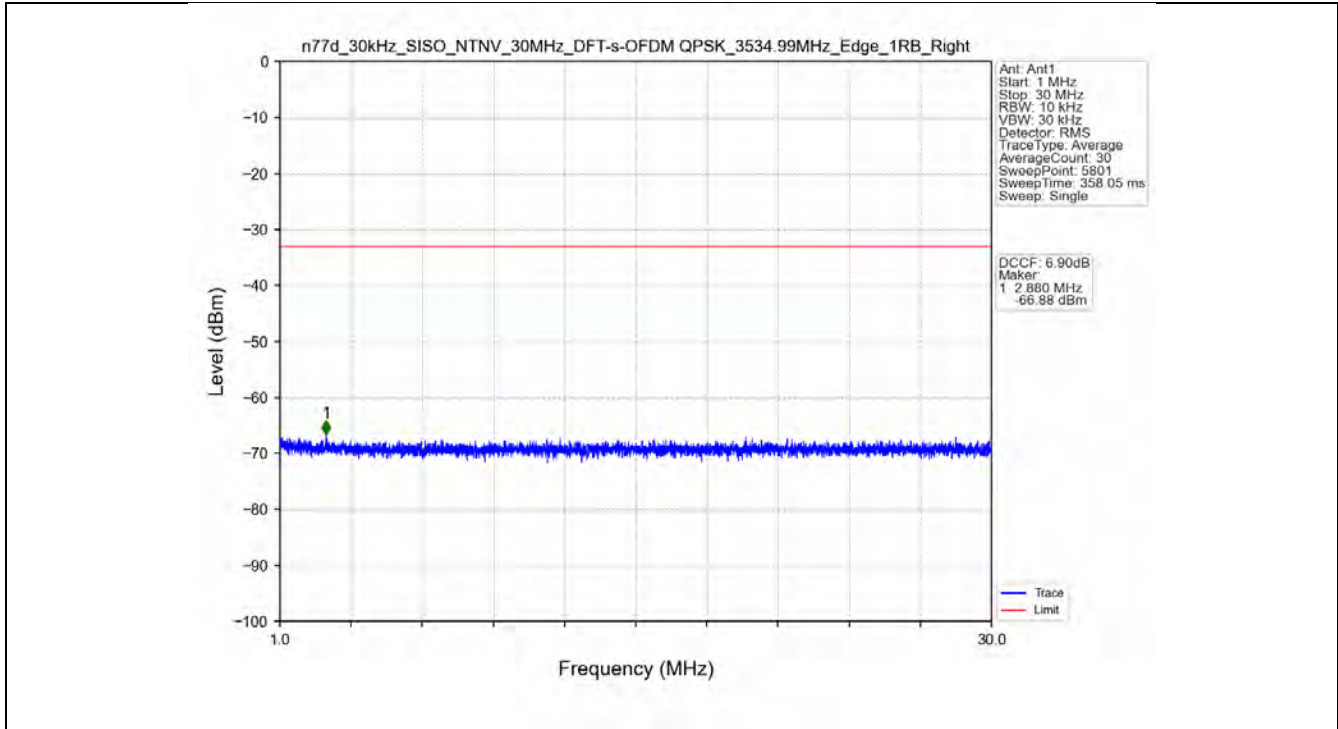


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Report No.: SZCR240100038409

Rev.: 01

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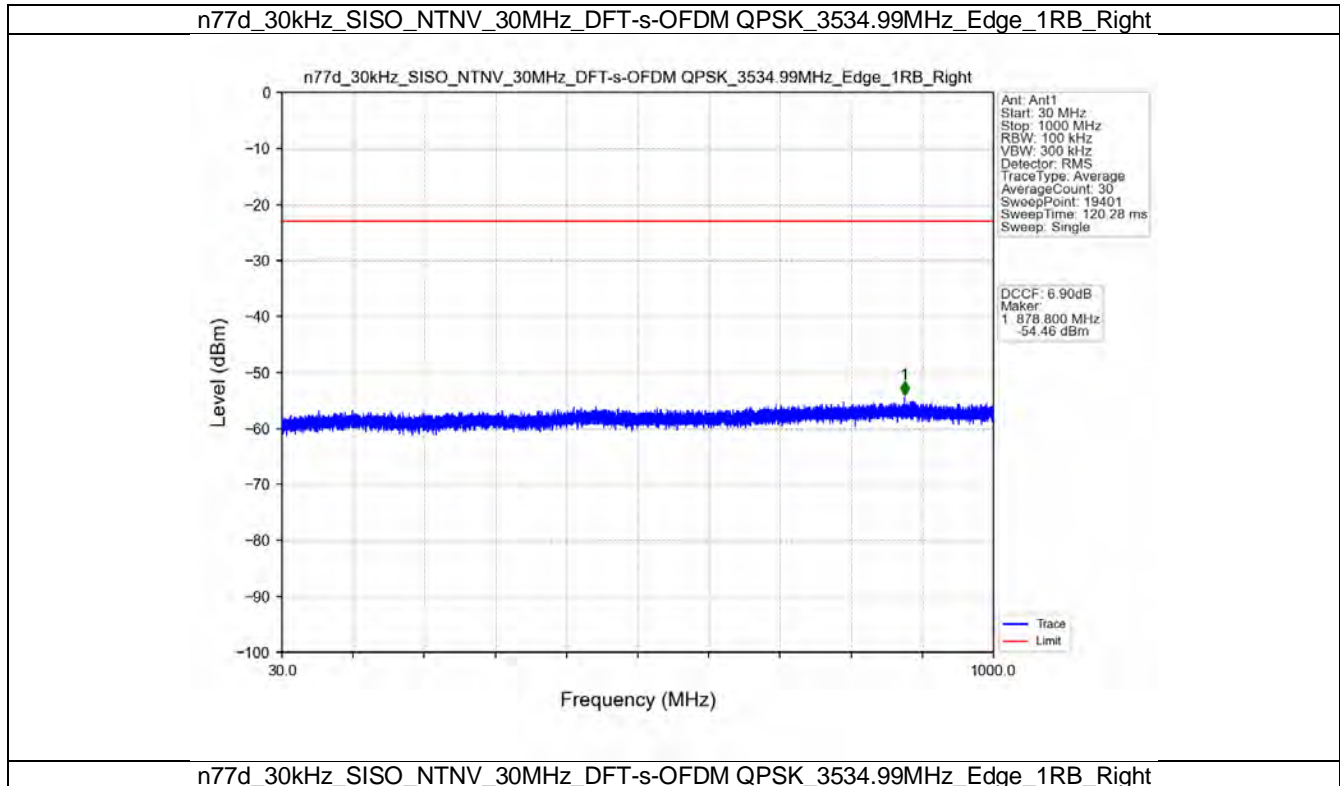


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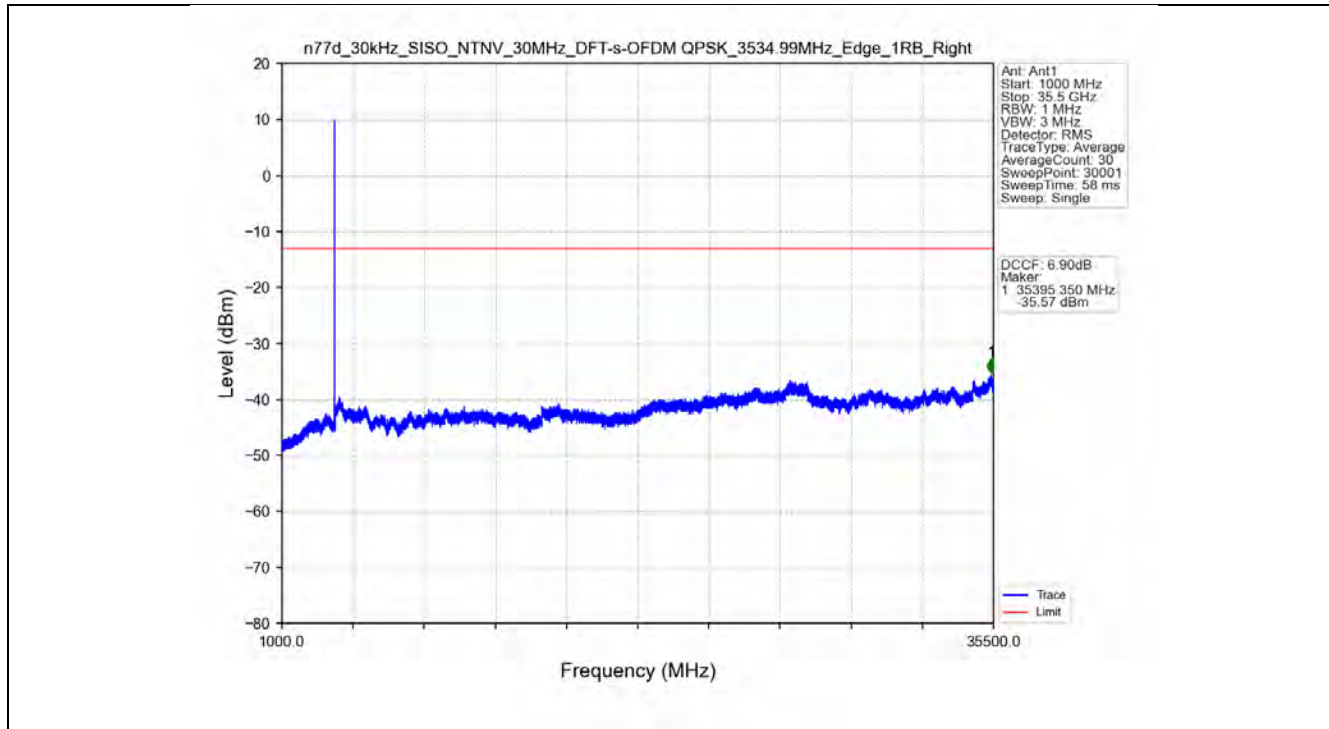
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Report No.: SZCR240100038409
Rev.: 01
Page: 474 of 973



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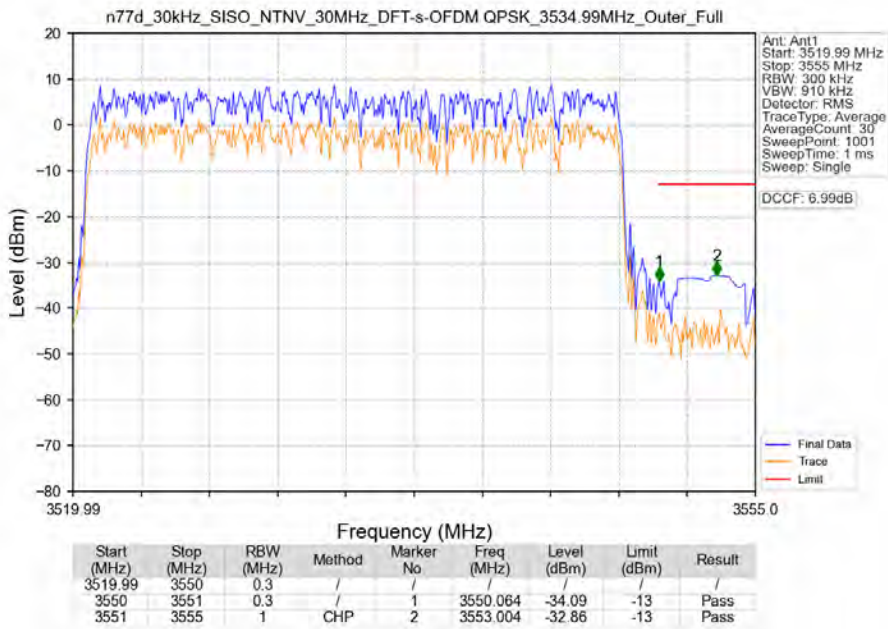
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Report No.: SZCR240100038409
Rev.: 01
Page: 475 of 973

n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3534.99MHz_Outer_Full



n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3534.99MHz_Inner_1RB_Right



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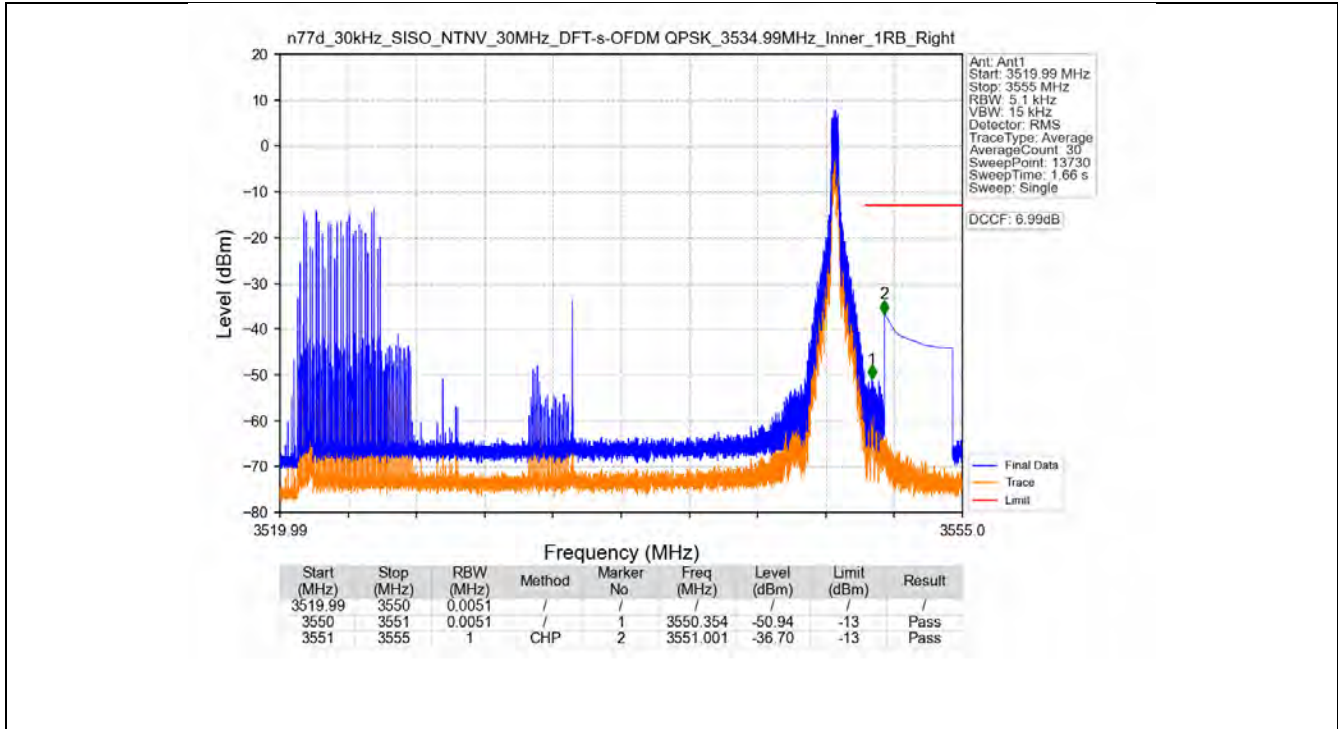


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Report No.: SZCR240100038409

Rev.: 01

Page: 476 of 973



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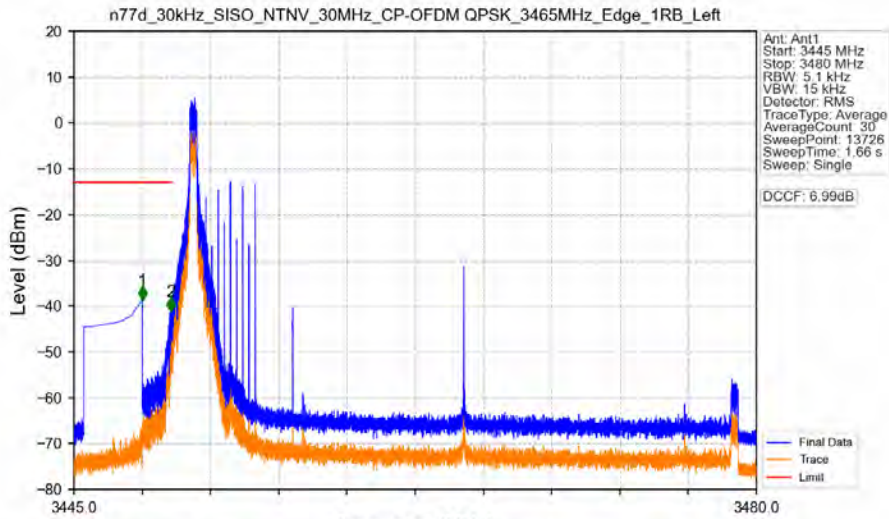
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Report No.: SZCR240100038409

Rev.: 01

Page: 477 of 973

n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3465MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	1	CHP	1	3448.499	-38.71	-13	Pass
3449	3450	0.0051	/	2	3449.978	-41.17	-13	Pass
3450	3480	0.0051	/	/	/	/	/	/

n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3465MHz_Edge_1RB_Left



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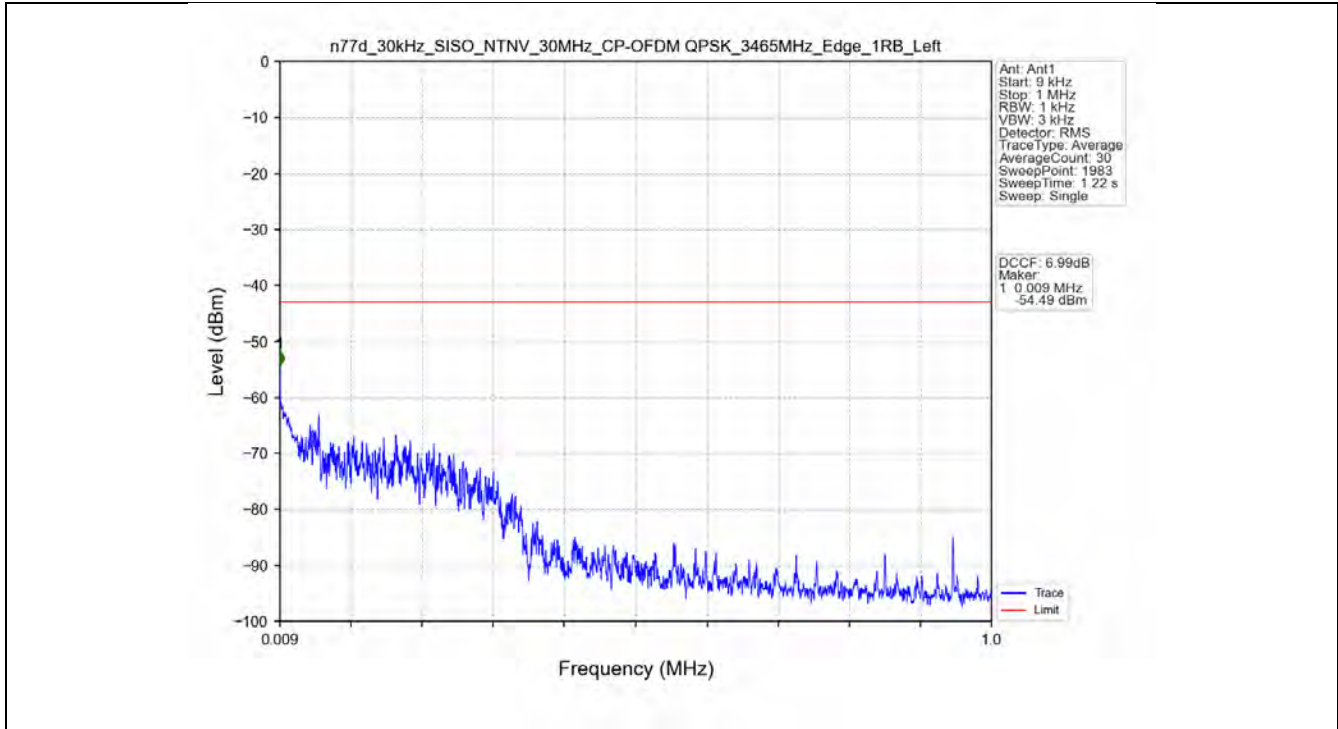


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Report No.: SZCR240100038409

Rev.: 01

Page: 478 of 973



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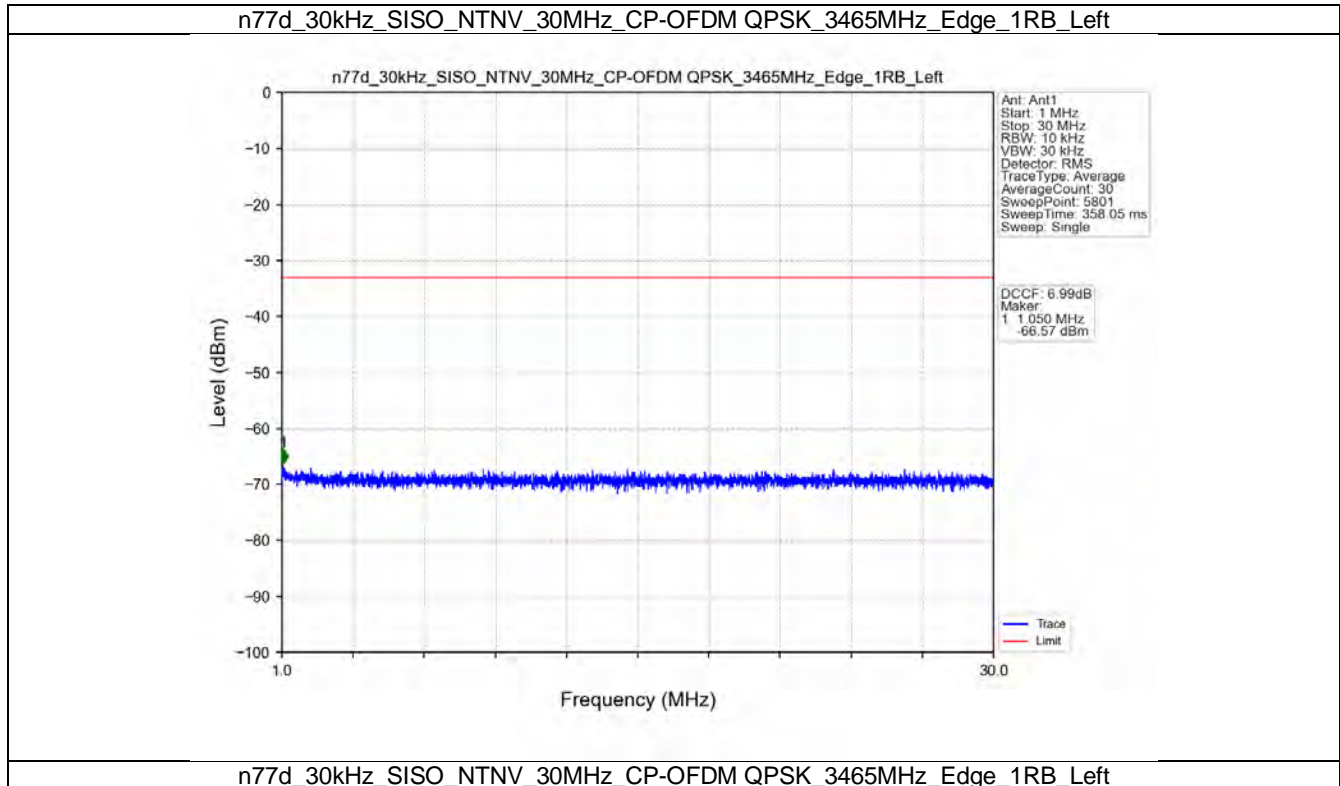


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Rev.: 01

Page: 479 of 973



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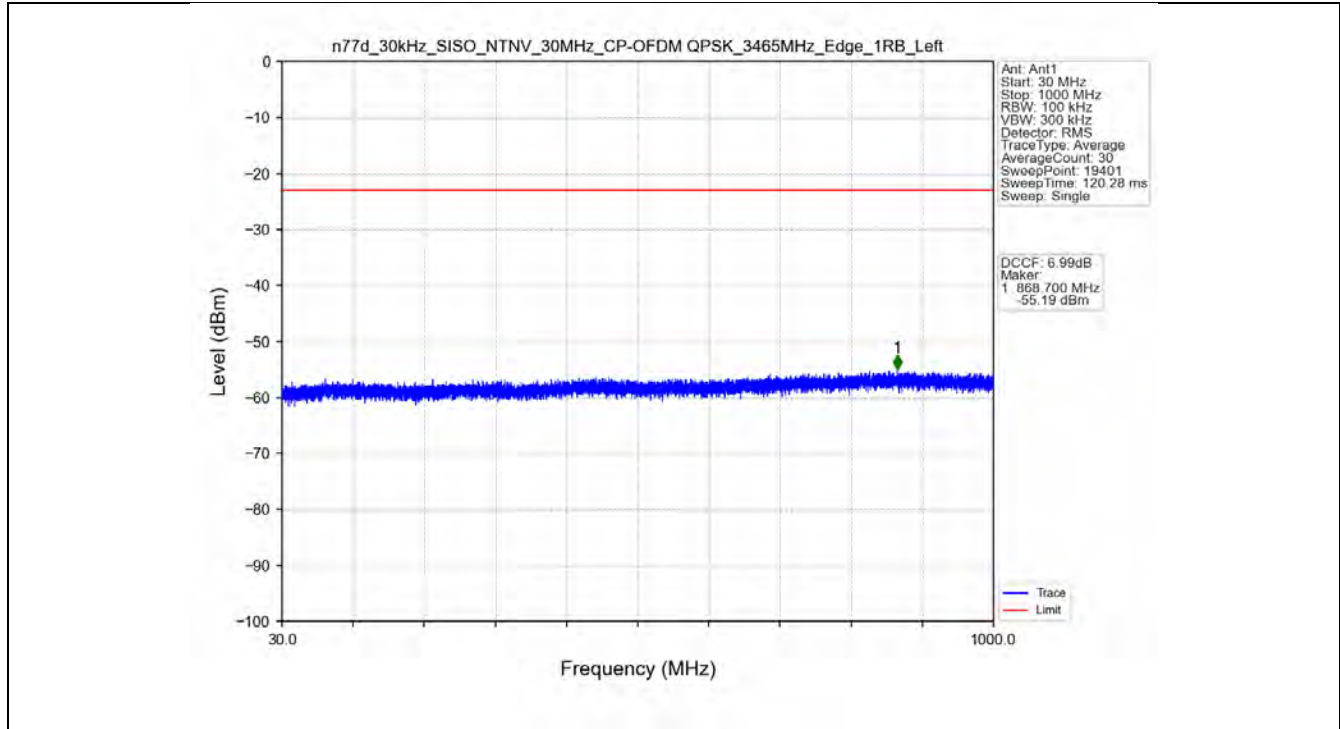


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Report No.: SZCR240100038409

Rev.: 01

Page: 480 of 973



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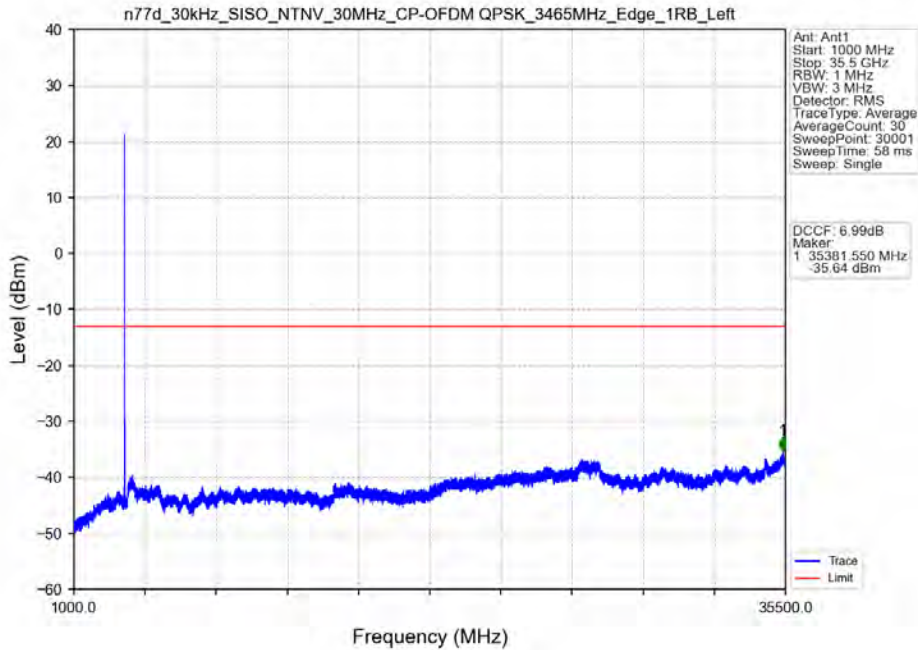
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Report No.: SZCR240100038409

Rev.: 01

Page: 481 of 973

n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3465MHz_Edge_1RB_Left



n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3465MHz_Outer_Full



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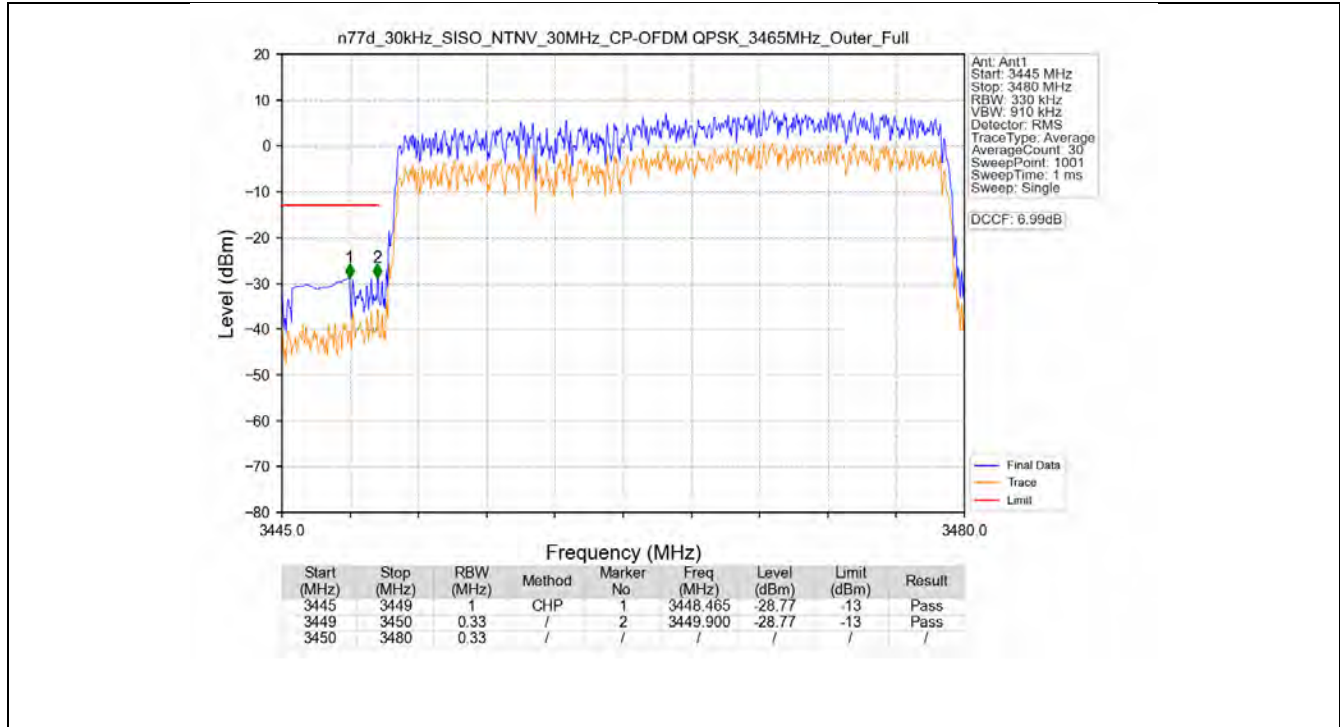


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Rev.: 01

Page: 482 of 973



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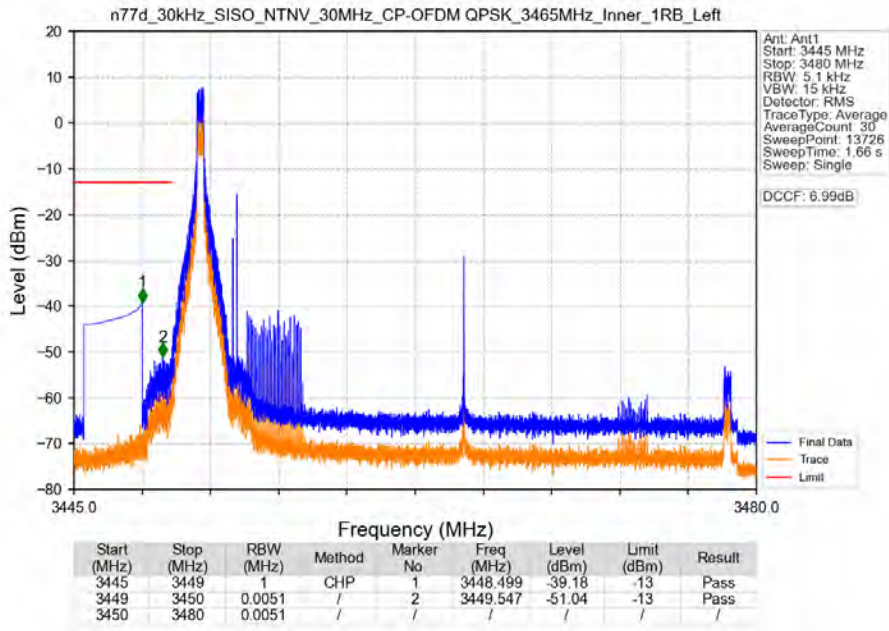
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Report No.: SZCR240100038409

Rev.: 01

Page: 483 of 973

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n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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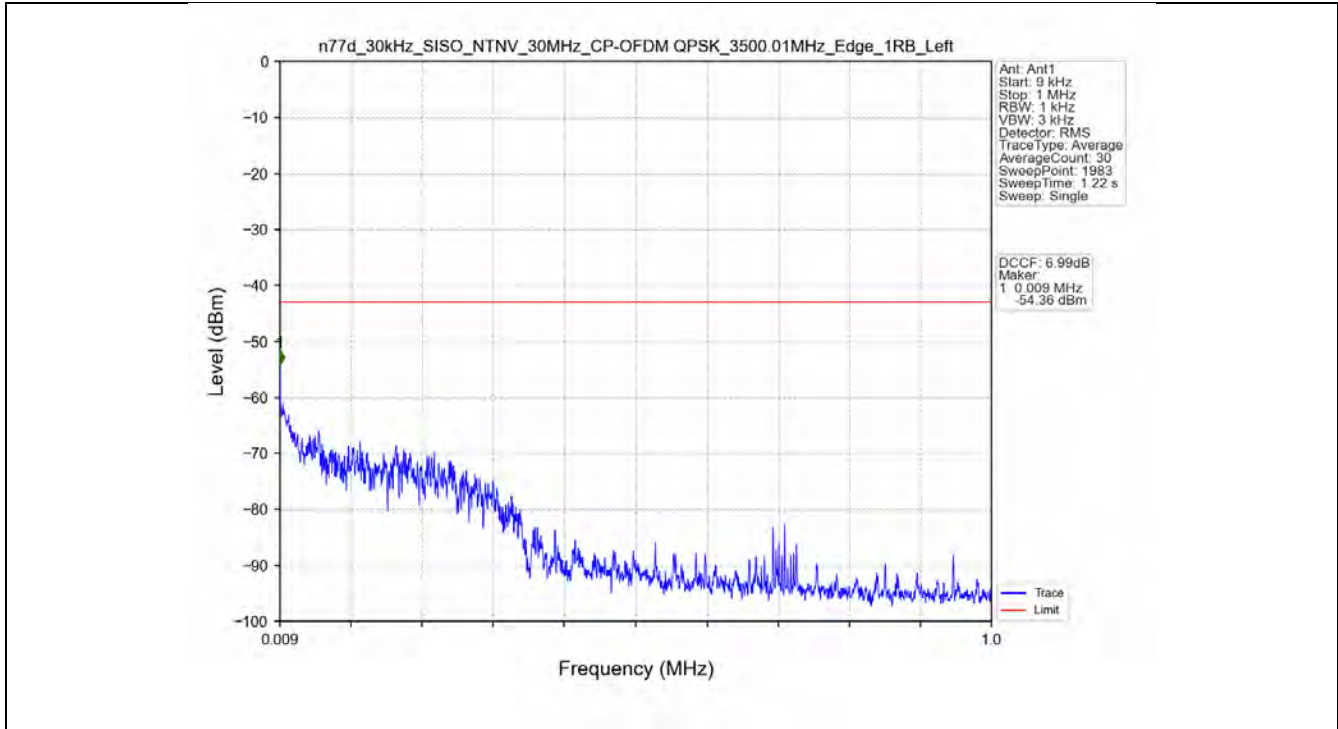


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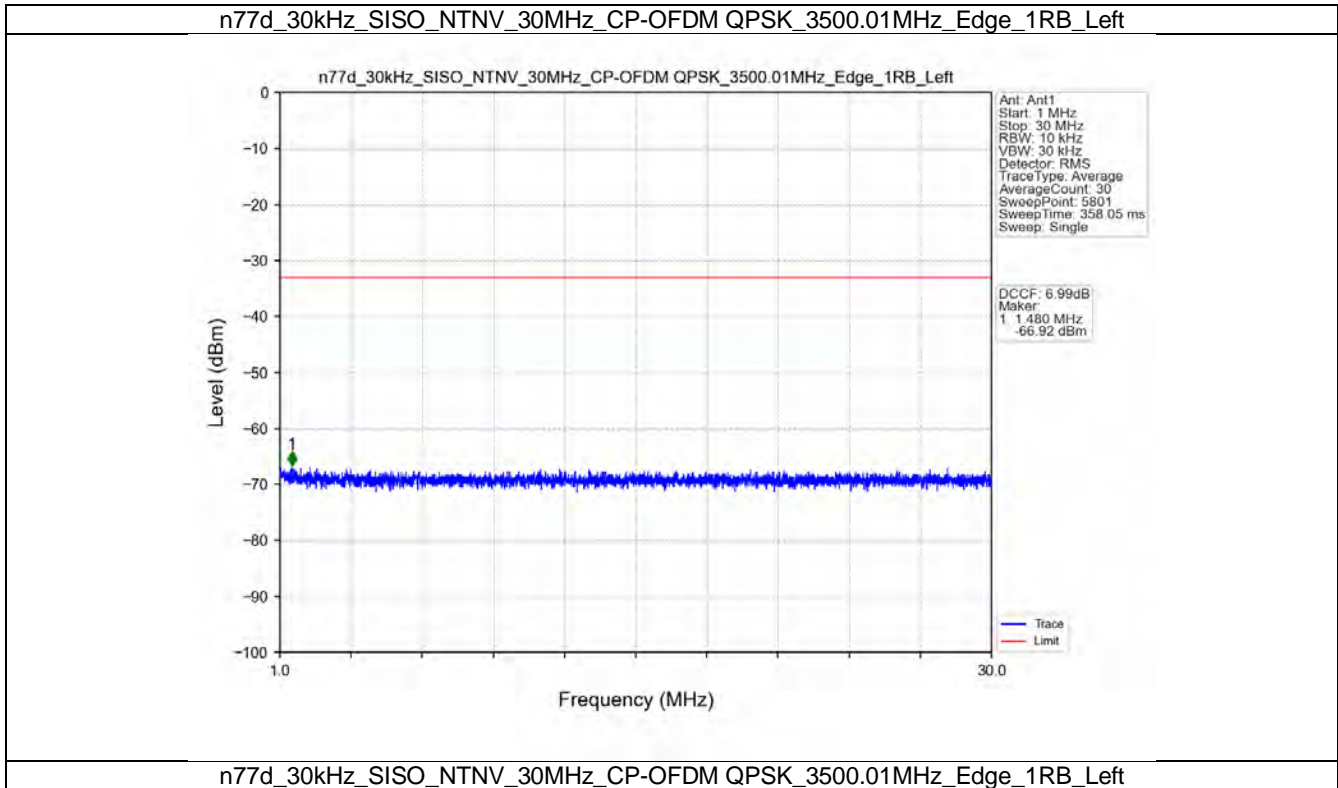


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Rev.: 01

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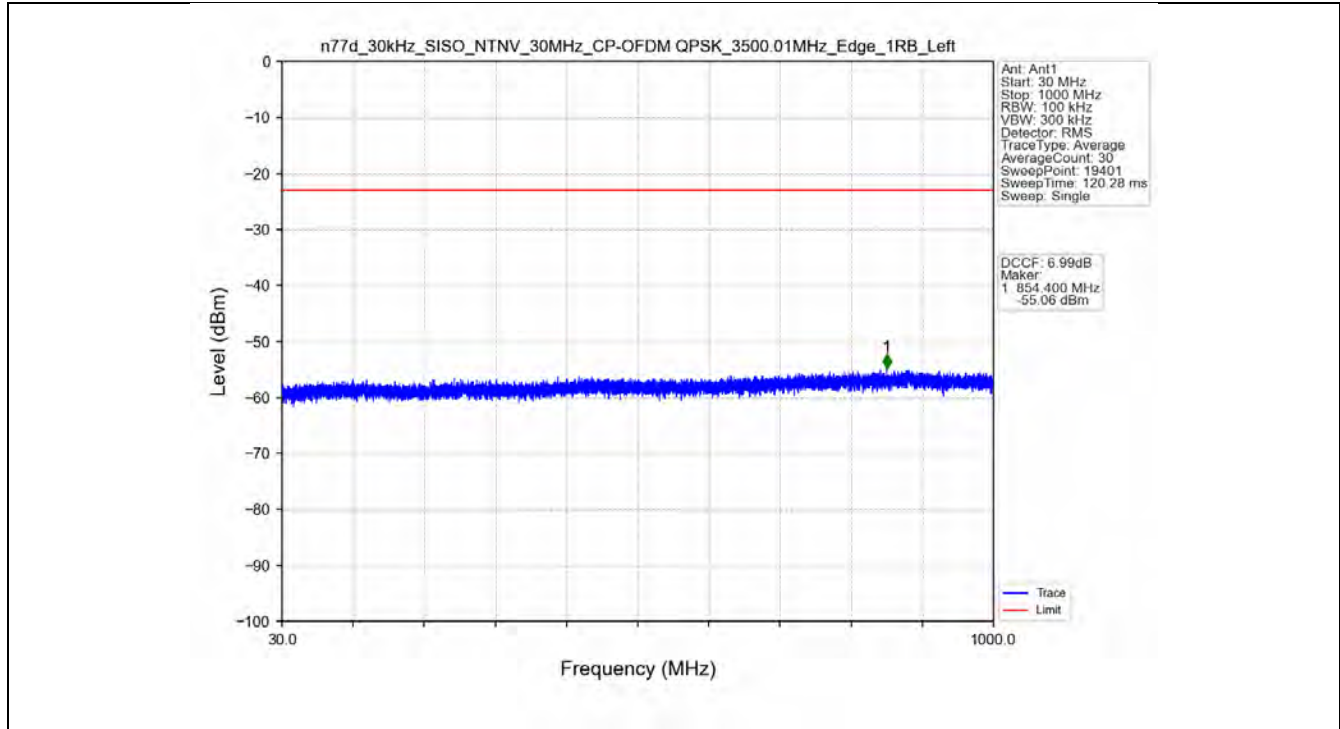


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Report No.: SZCR240100038409

Rev.: 01

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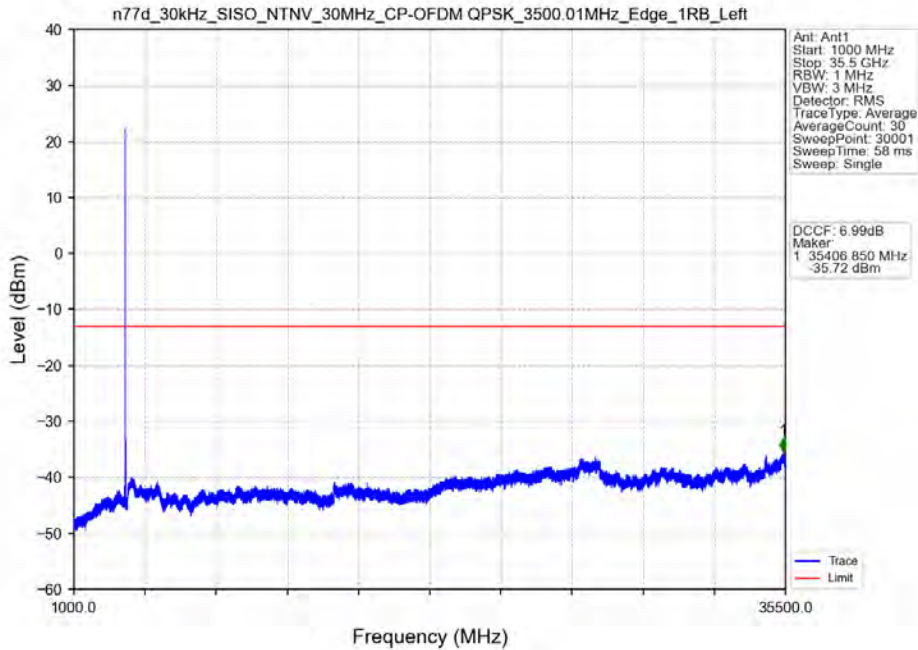
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Report No.: SZCR240100038409

Rev.: 01

Page: 487 of 973

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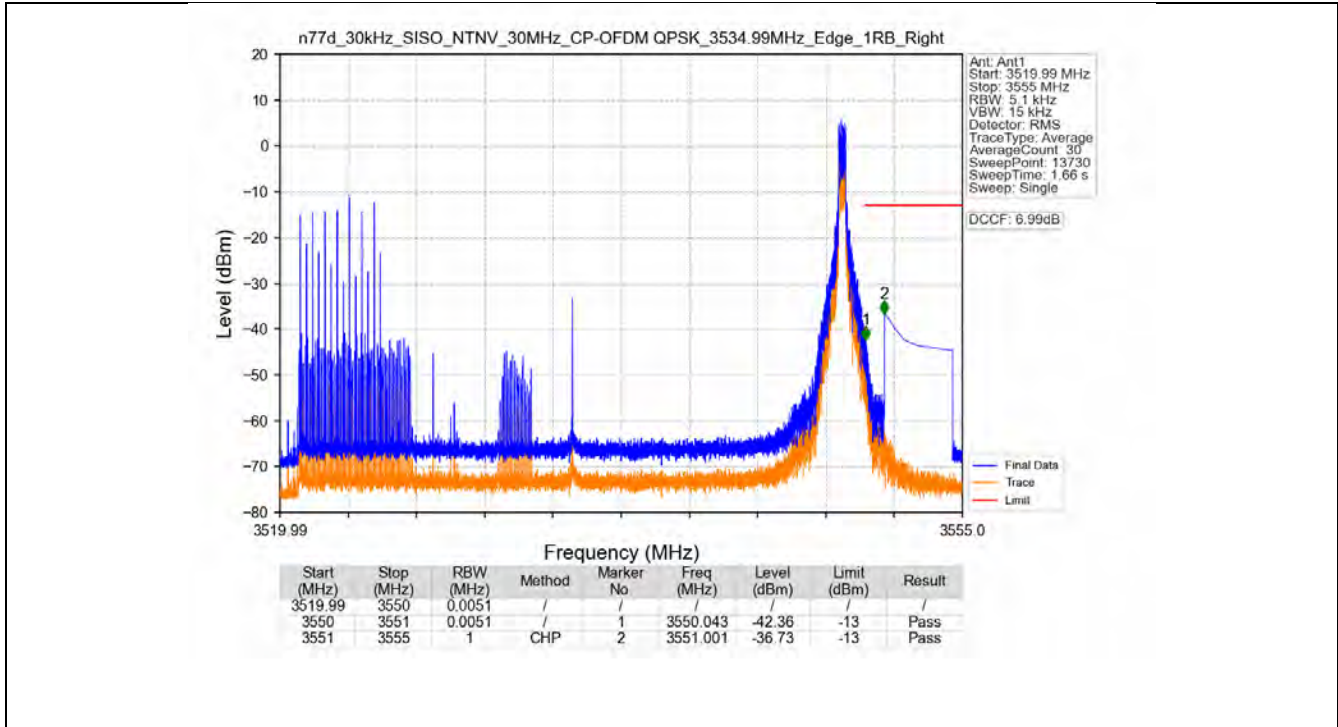


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Report No.: SZCR240100038409

Rev.: 01

Page: 488 of 973



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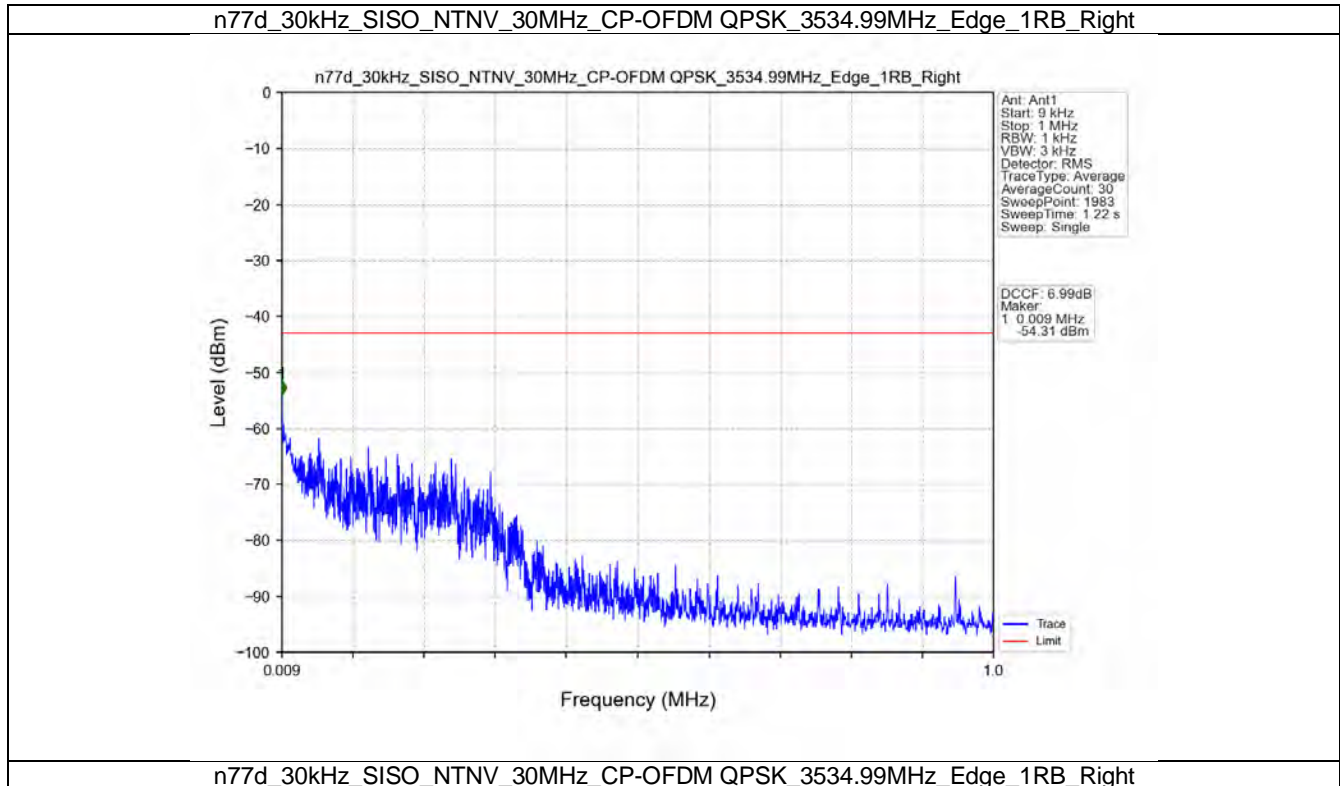


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Report No.: SZCR240100038409

Rev.: 01

Page: 489 of 973



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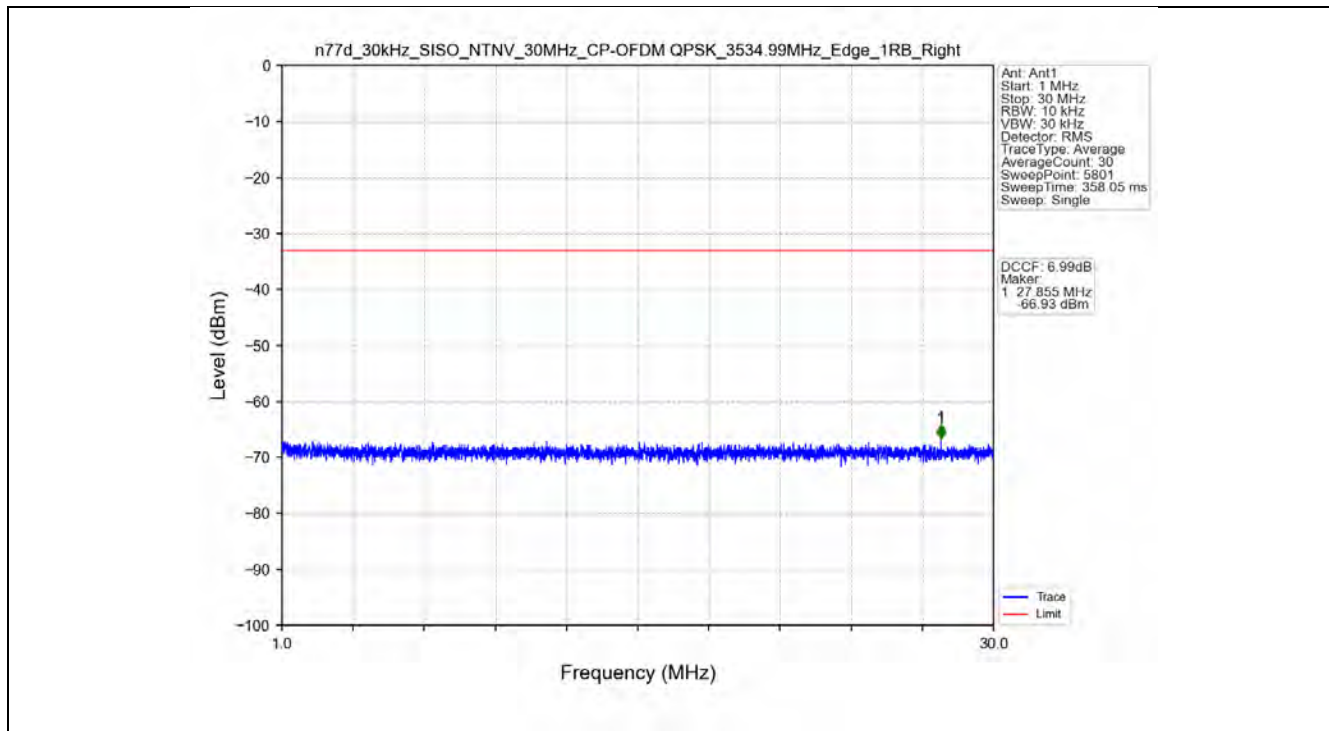
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 Shenzhen Branch Inspection & Testing Services Laboratory

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 Rev.: 01
 Page: 490 of 973



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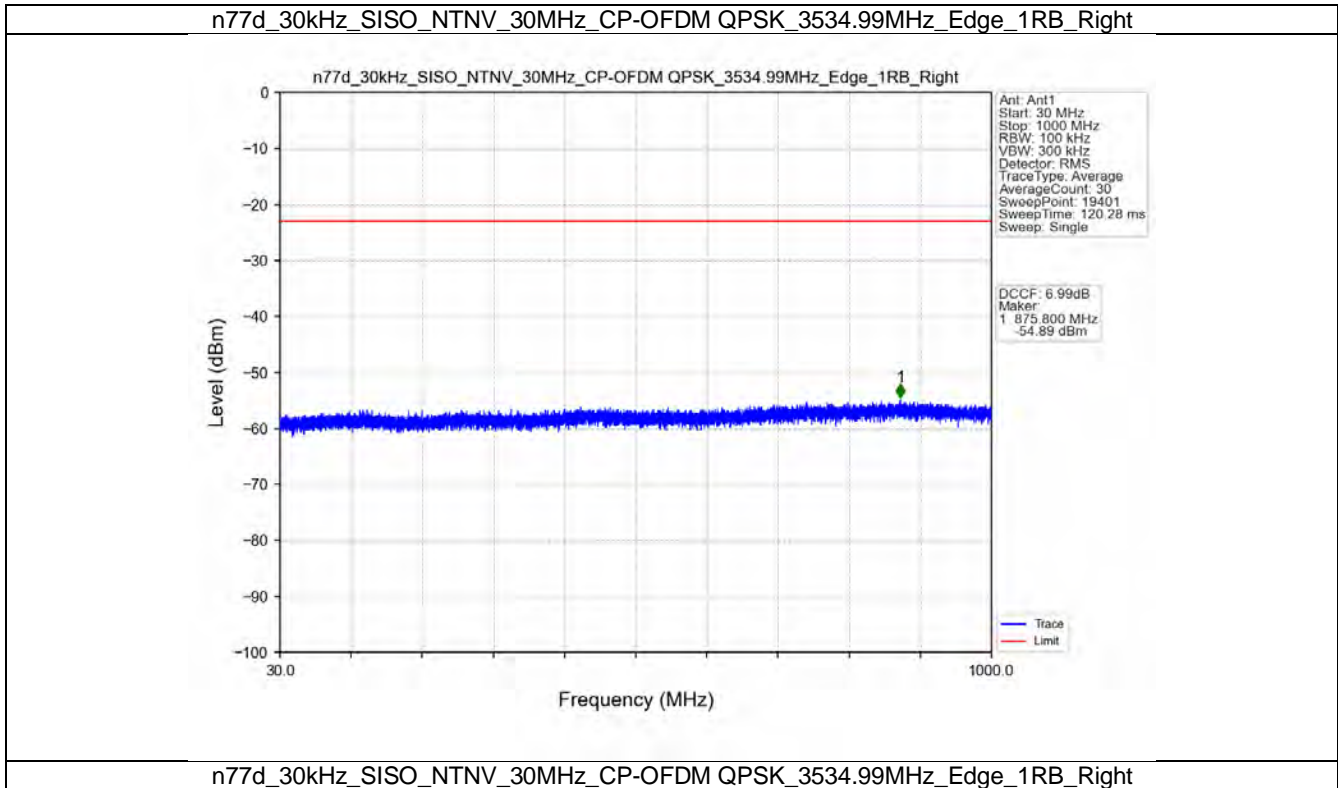


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Rev.: 01

Page: 491 of 973



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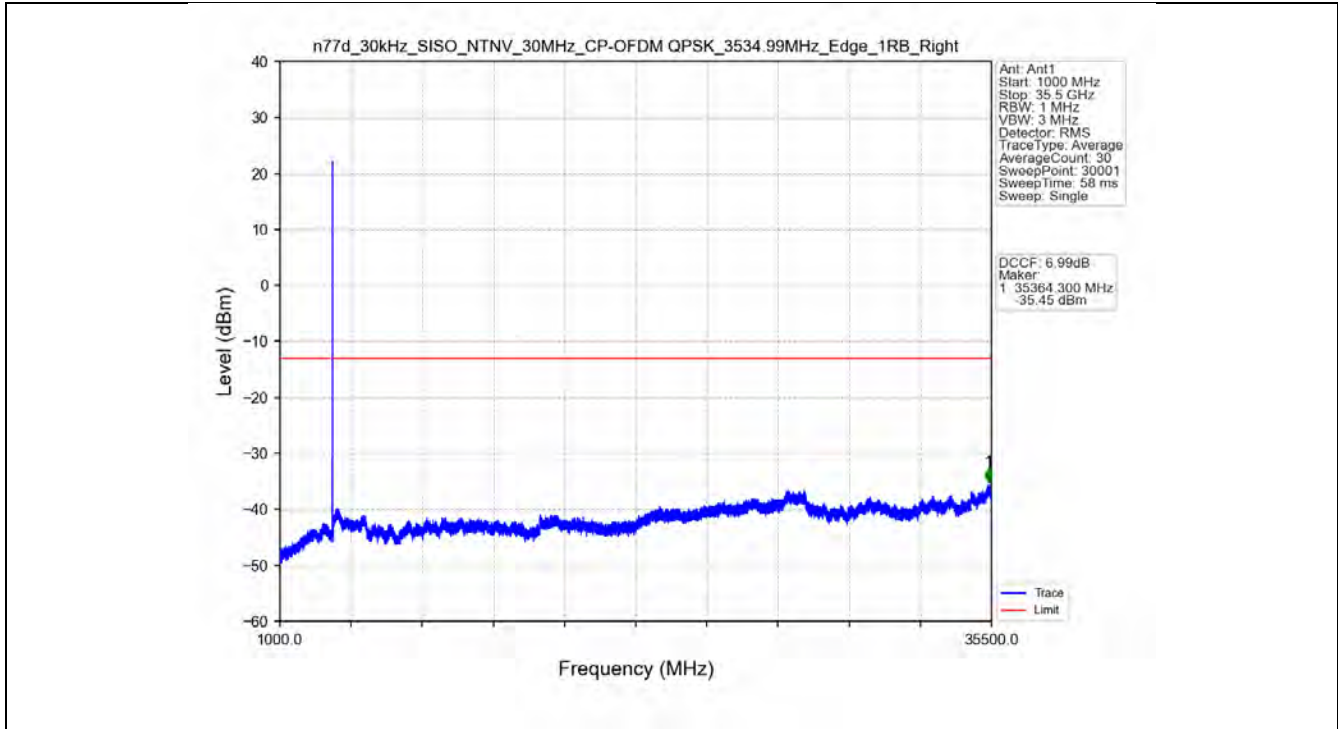


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Report No.: SZCR240100038409

Rev.: 01

Page: 492 of 973



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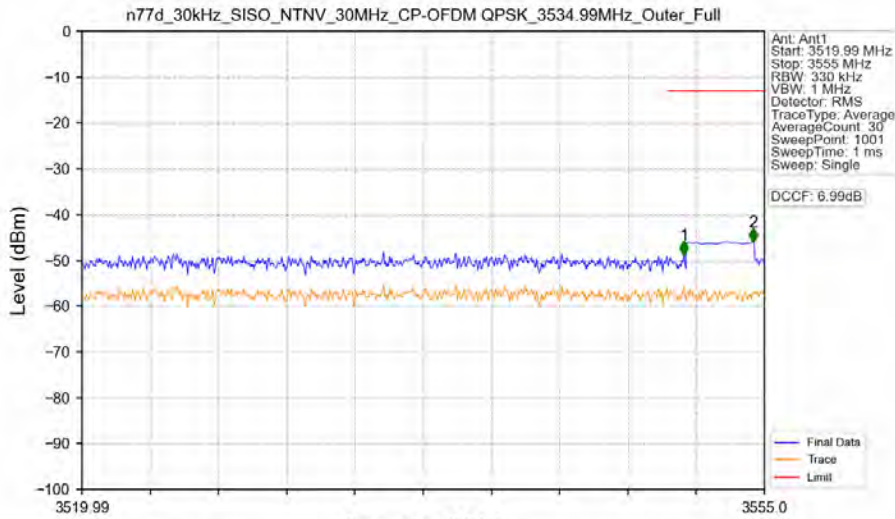
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Report No.: SZCR240100038409

Rev.: 01

Page: 493 of 973

n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3519.99	3550	0.33	/	/	/	/	/	/
3550	3551	0.33	/	1	3550.869	-48.90	-13	Pass
3551	3555	1	CHP	2	3554.440	-46.01	-13	Pass

n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Inner_1RB_Right



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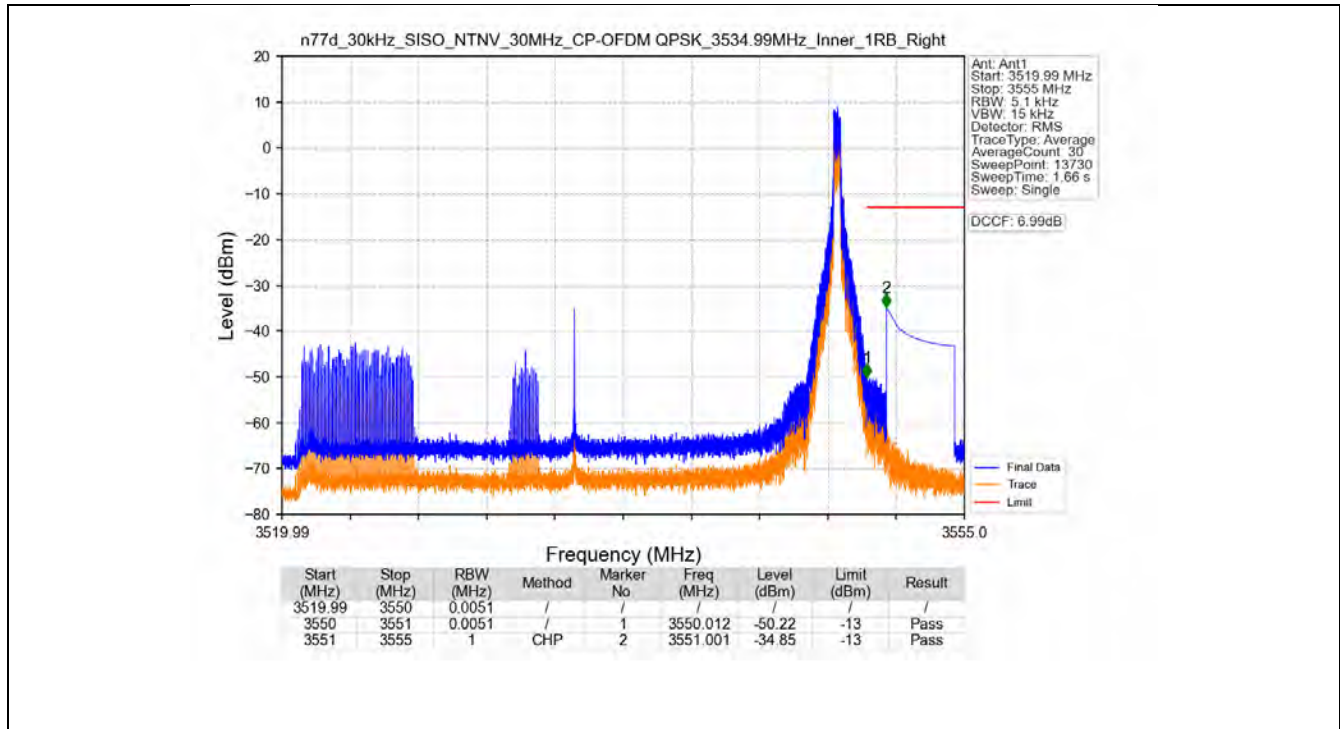


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Report No.: SZCR240100038409

Rev.: 01

Page: 494 of 973



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Report No.: SZCR240100038409

Rev.: 01

Page: 495 of 973

5.3 30k_SISO_40MHz_NTNV

5.3.1 Test Result

5G NR n77d SCS=30kHz SISO 40MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3500.01	Edge_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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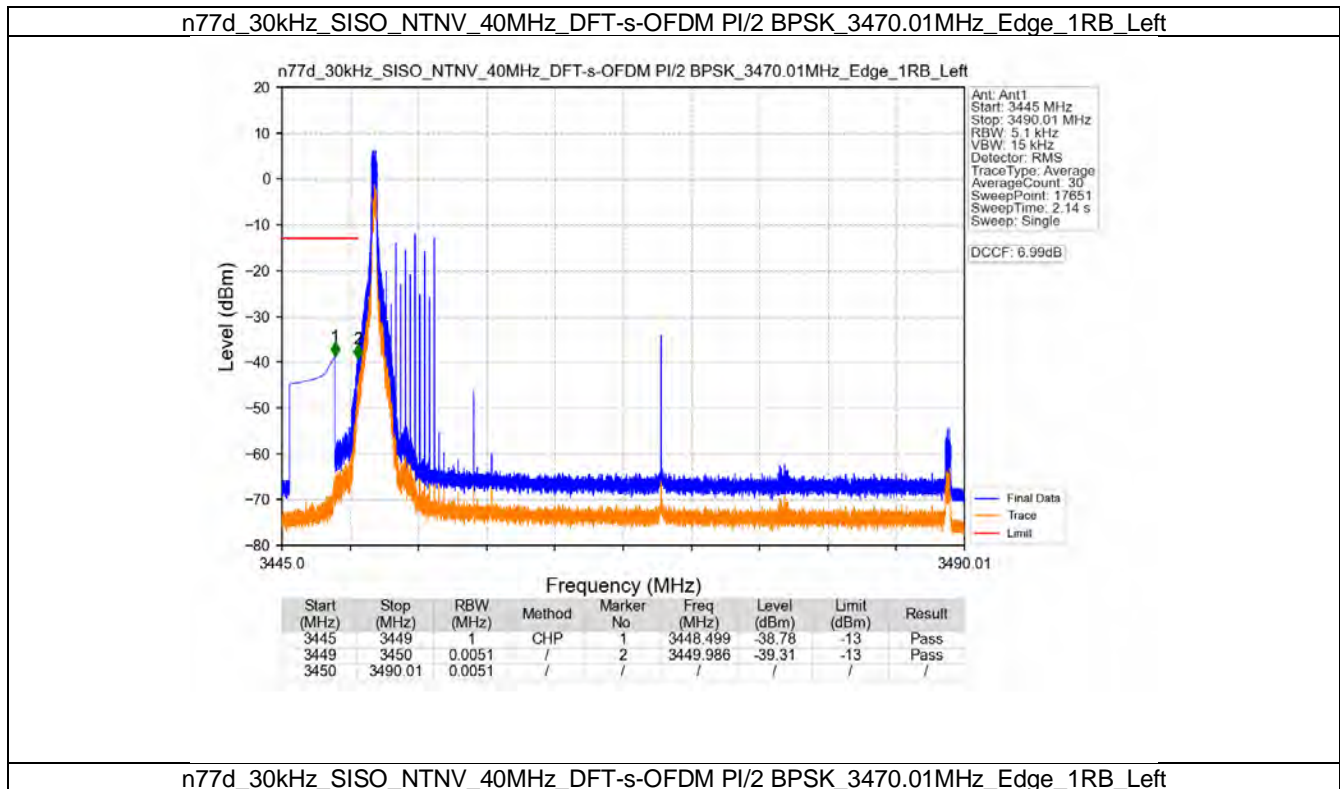
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Rev.: 01

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5.3.2 Test Graph



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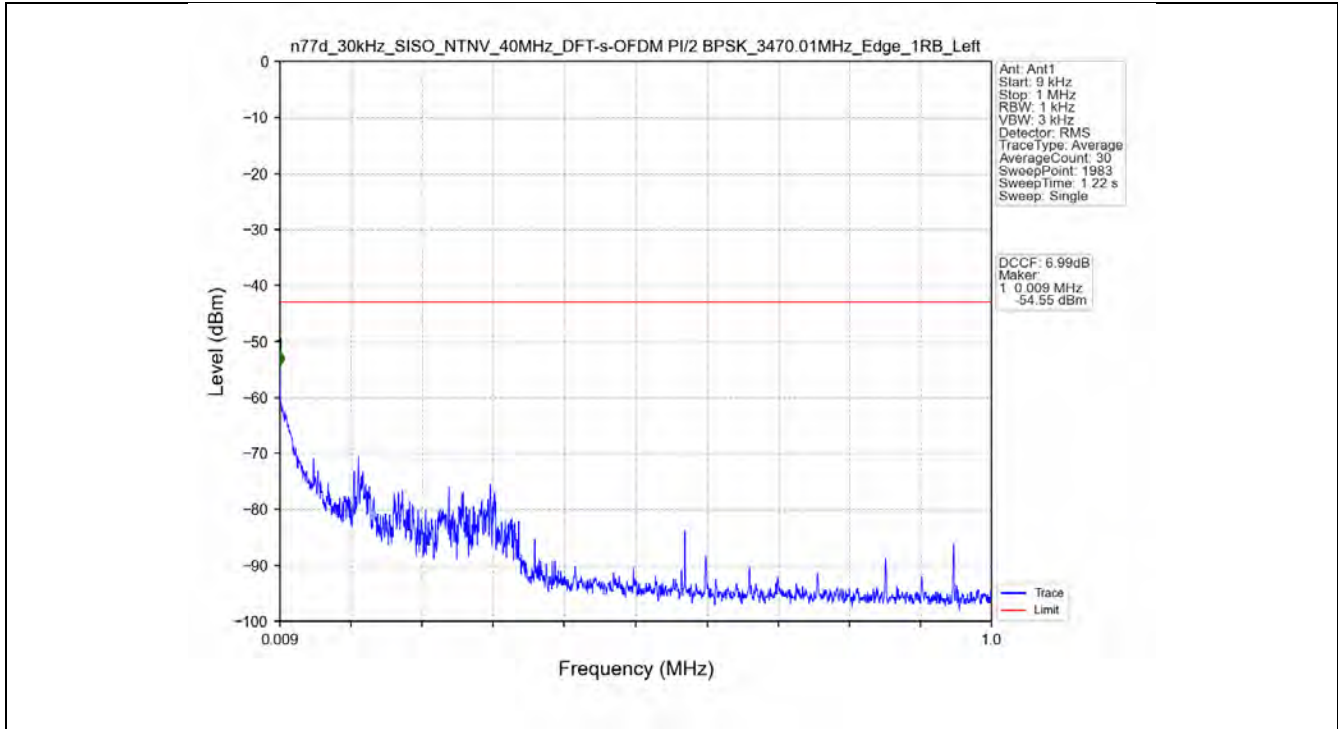


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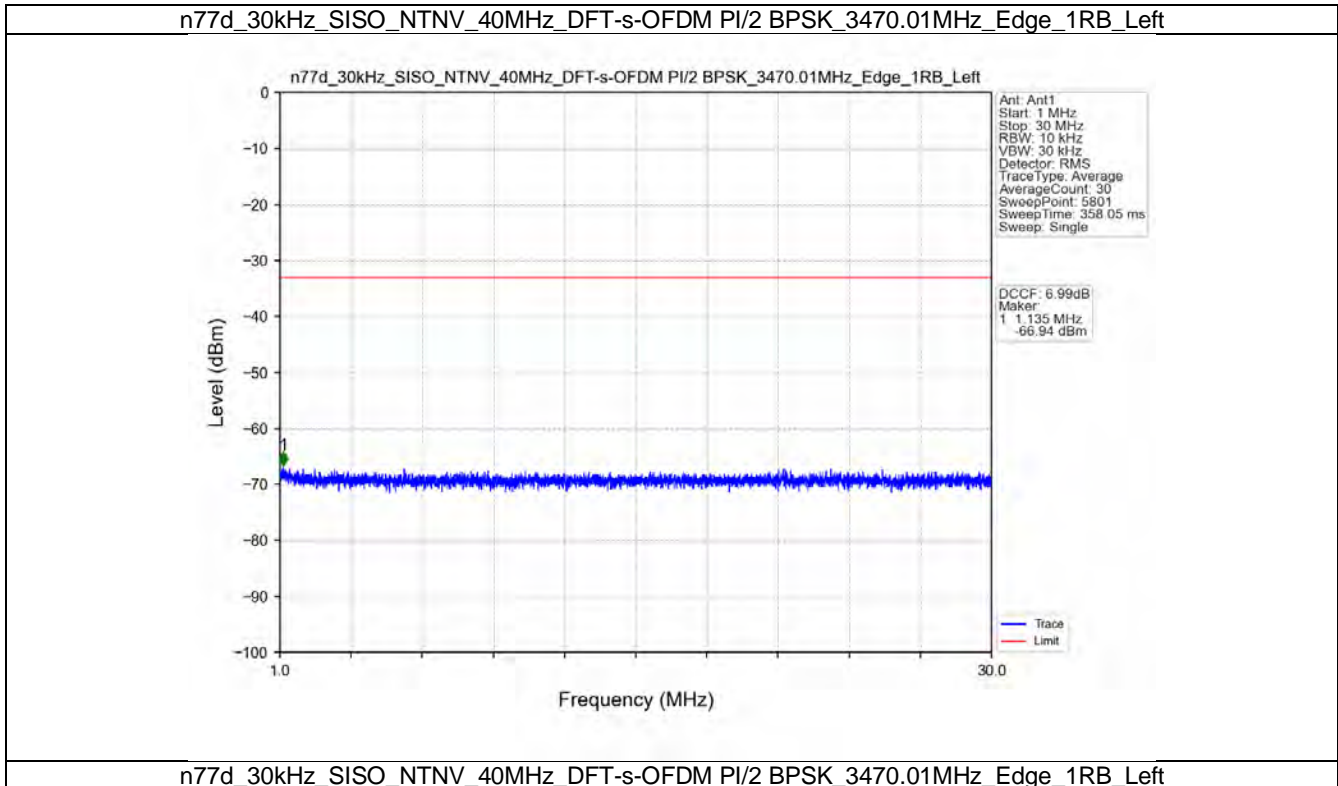


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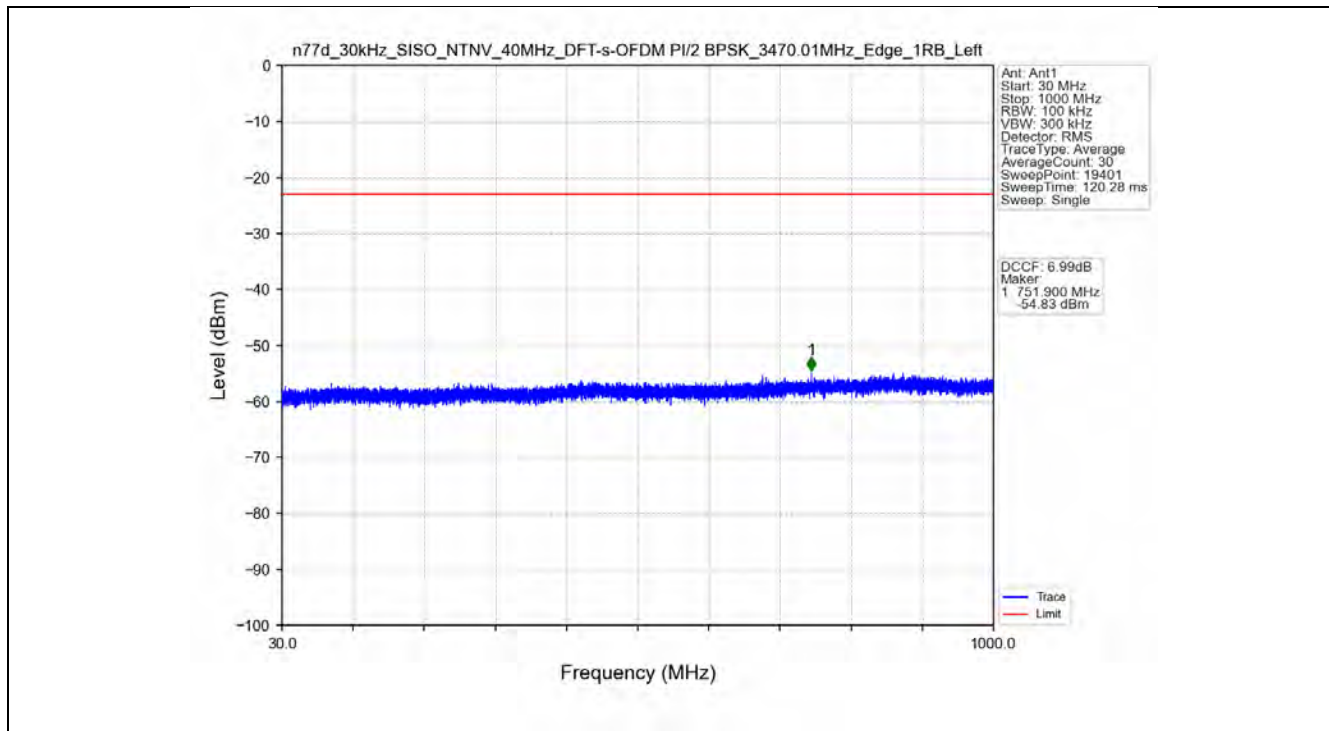
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 Page: 499 of 973



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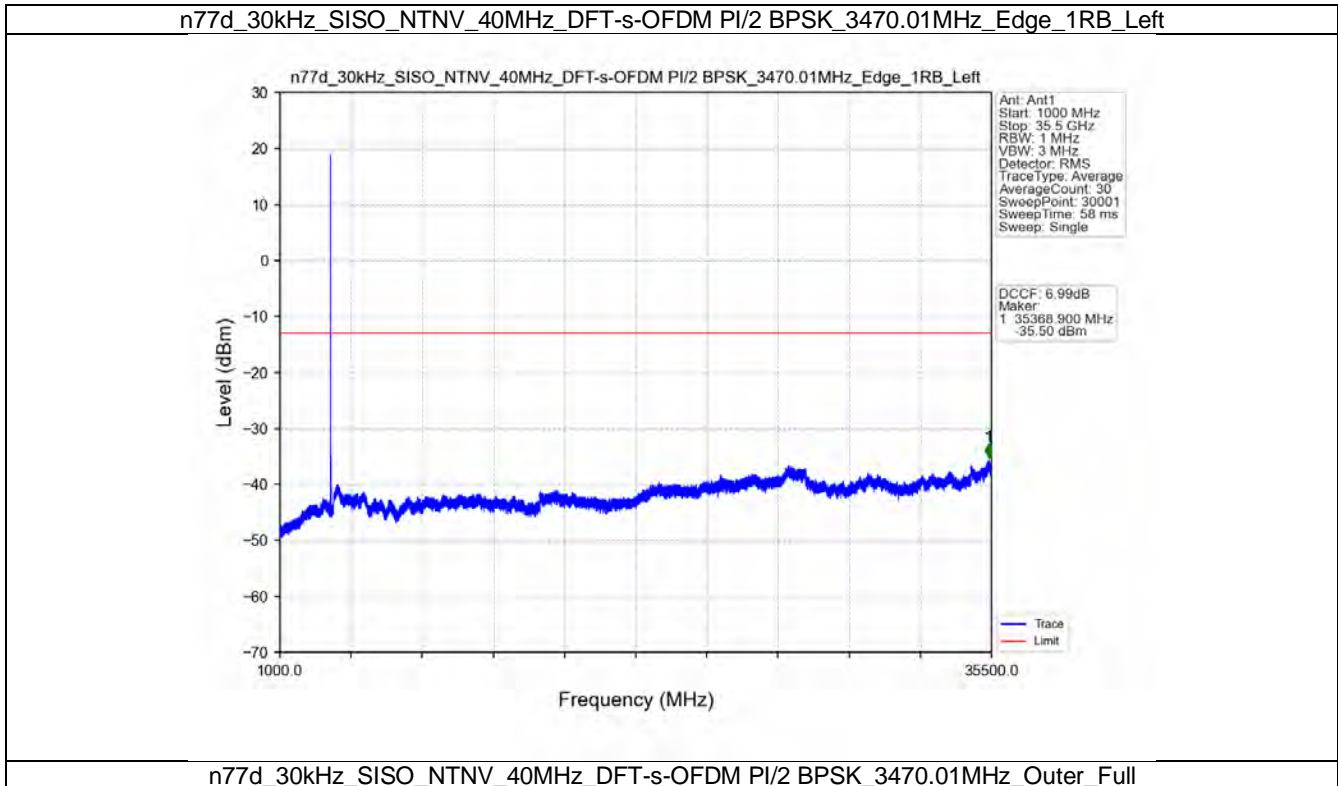


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Rev.: 01

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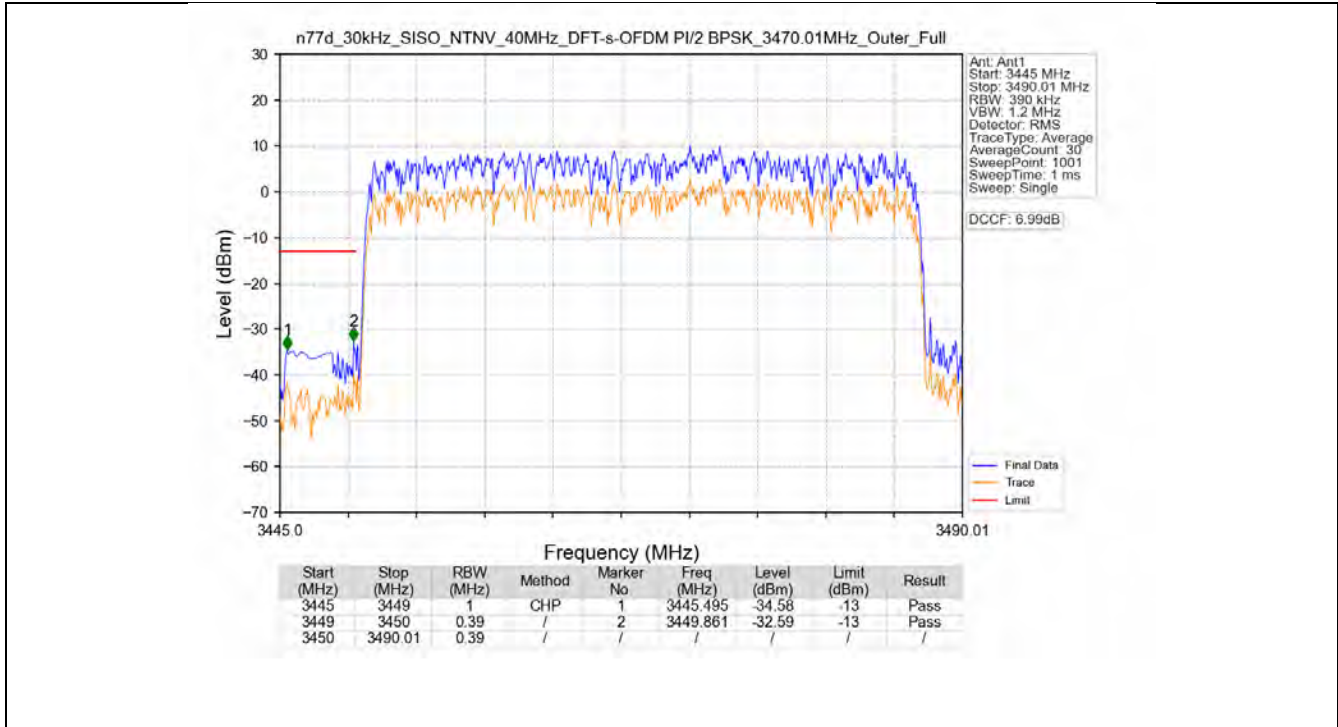


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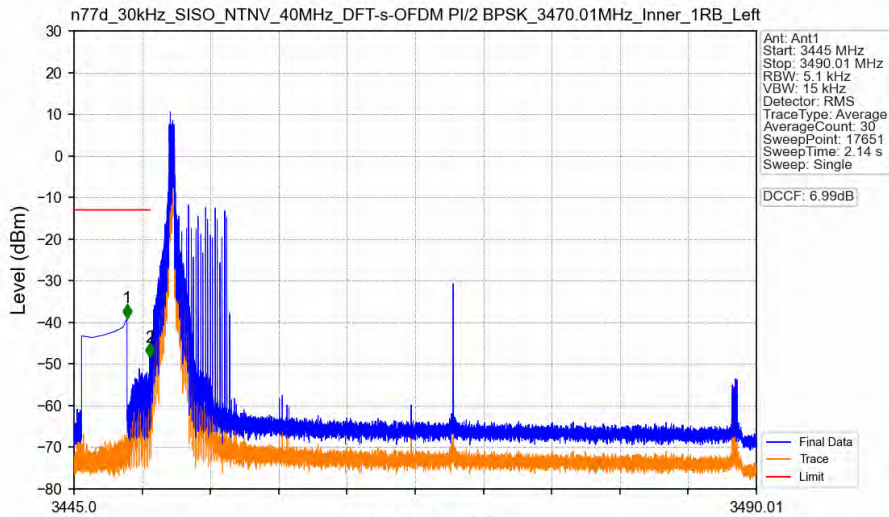
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Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 502 of 973

n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3470.01MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	1	CHP	1	3448.499	-39.00	-13	Pass
3449	3450	0.0051	/	2	3449.988	-48.45	-13	Pass
3450	3490.01	0.0051	/	/	/	/	/	/

n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



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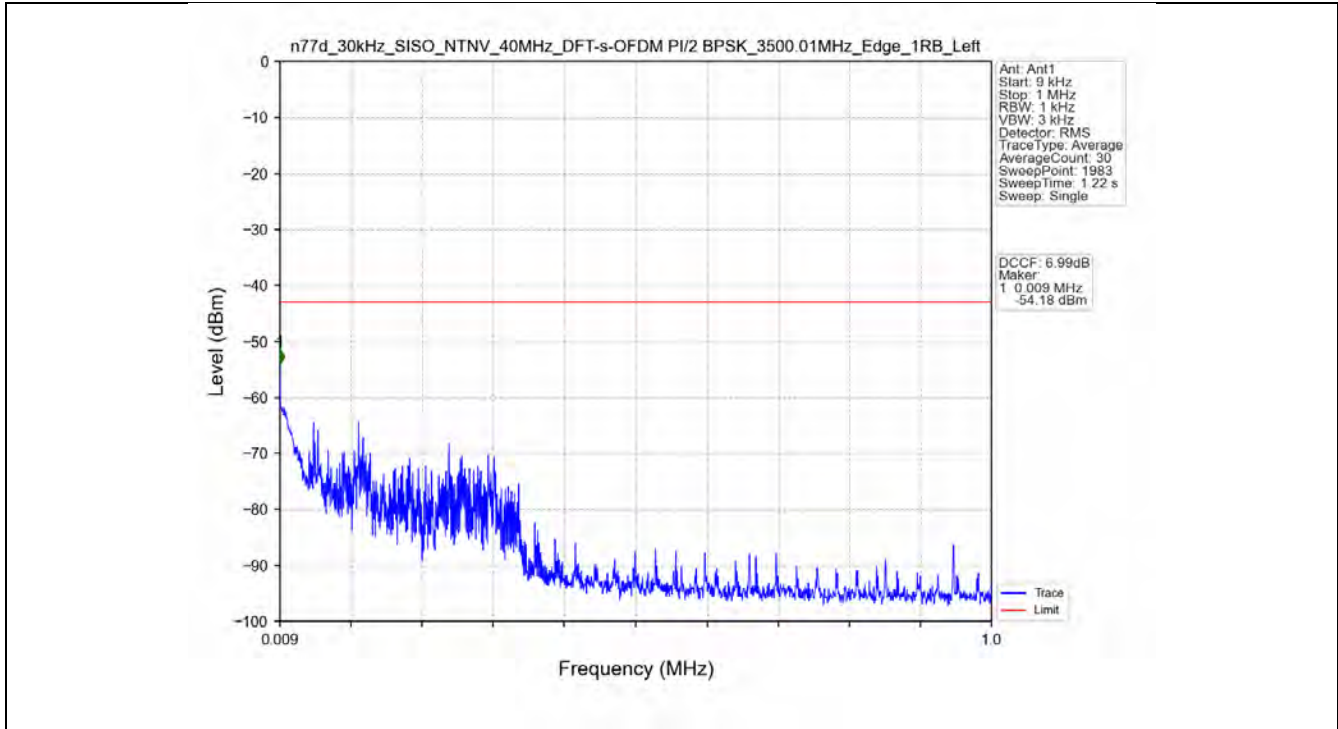


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Report No.: SZCR240100038409

Rev.: 01

Page: 503 of 973



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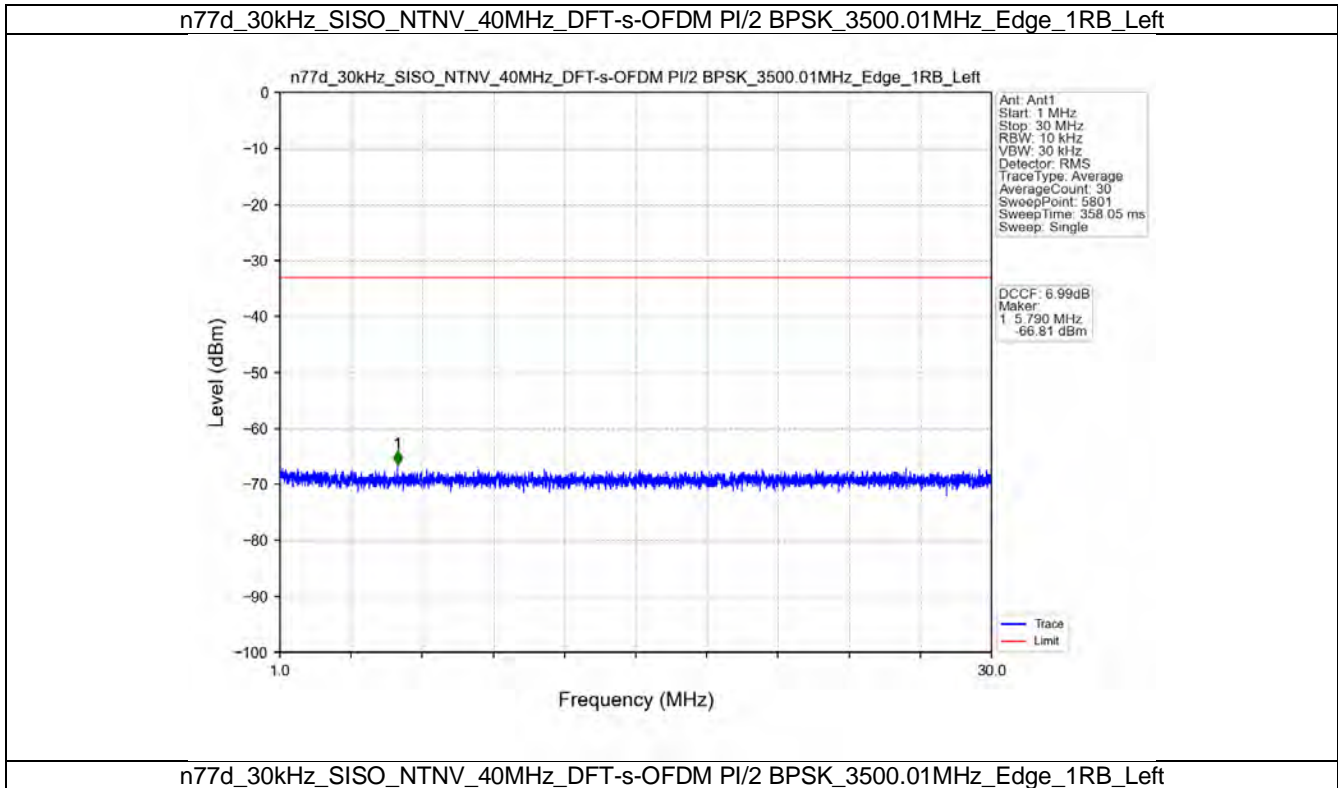


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Report No.: SZCR240100038409

Rev.: 01

Page: 504 of 973



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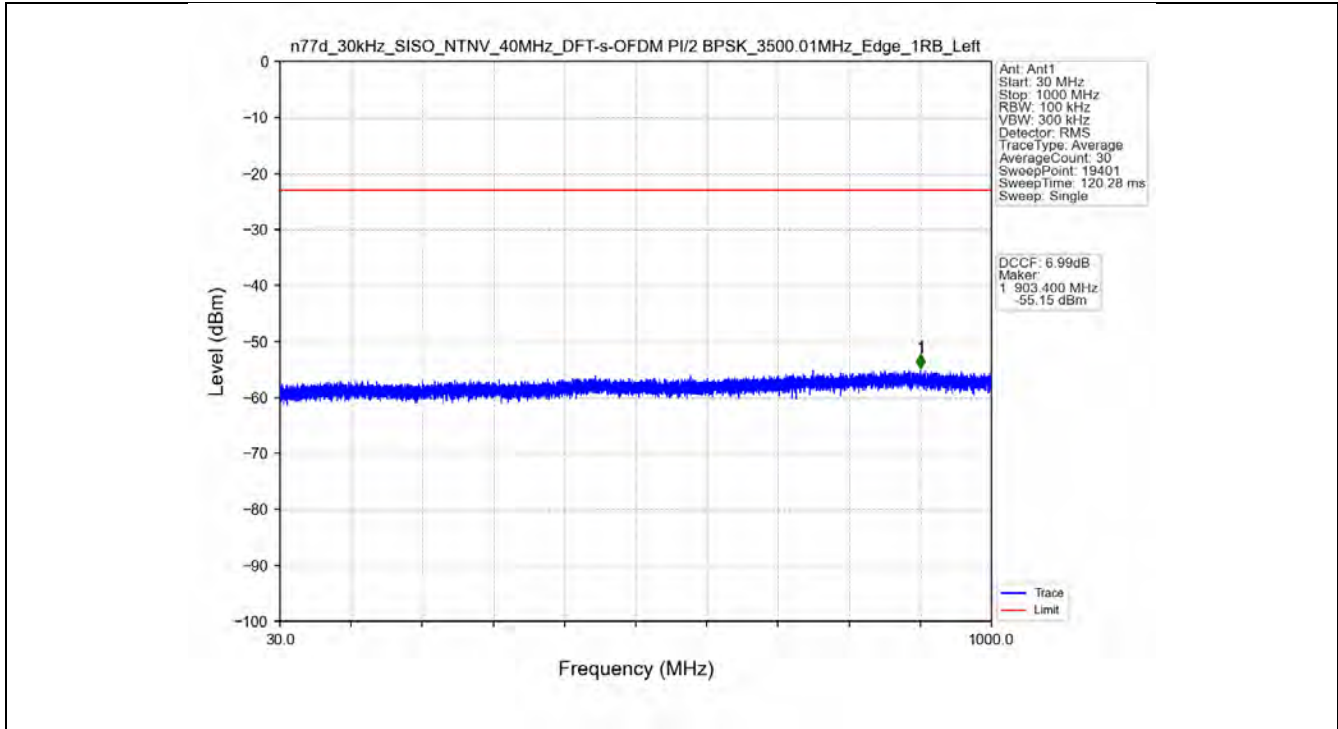


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Report No.: SZCR240100038409

Rev.: 01

Page: 505 of 973



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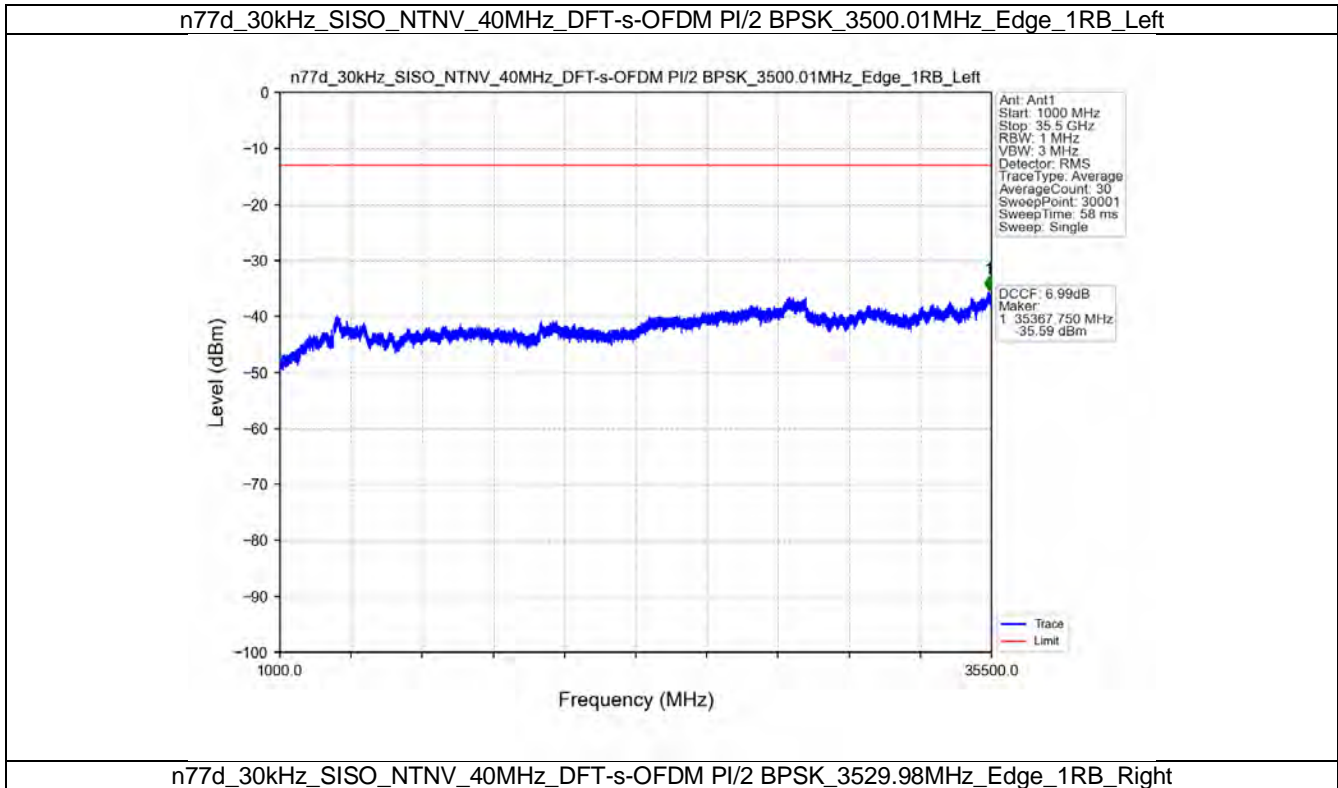


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Rev.: 01

Page: 506 of 973



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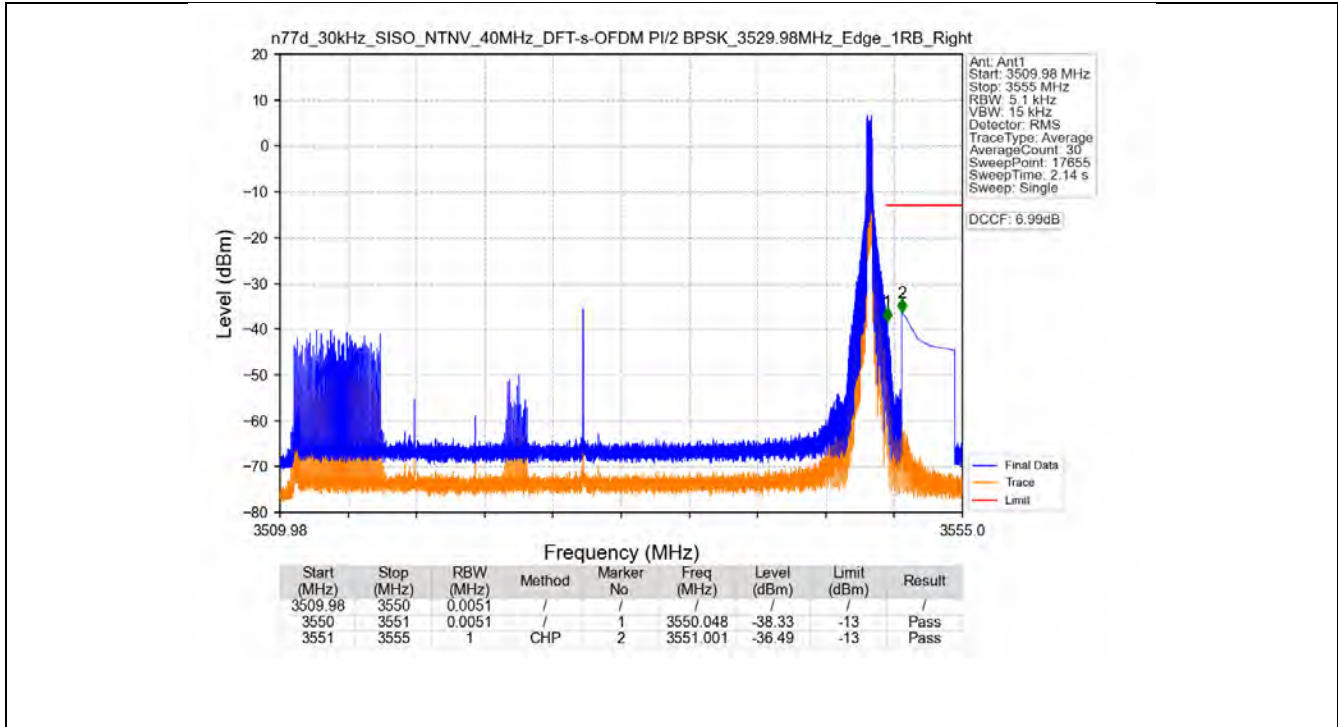


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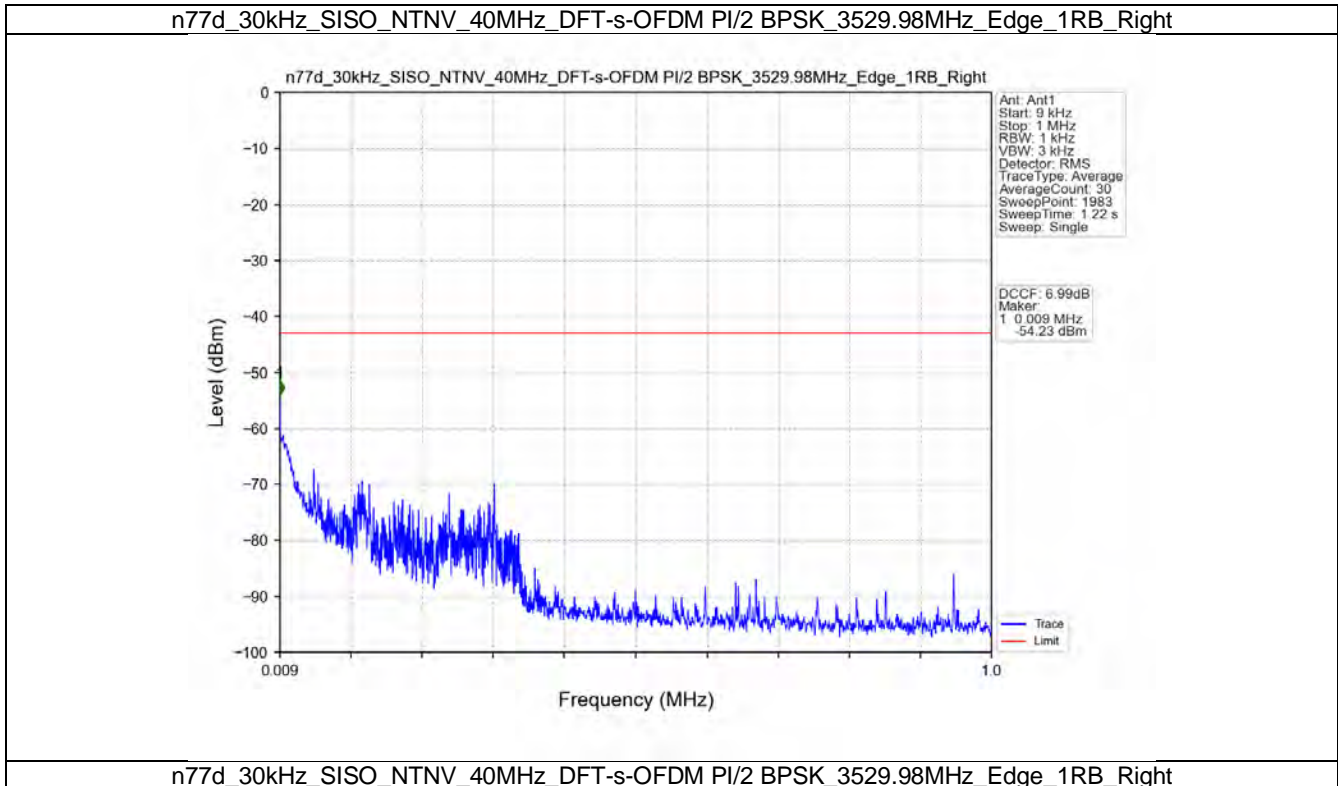


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Rev.: 01

Page: 508 of 973



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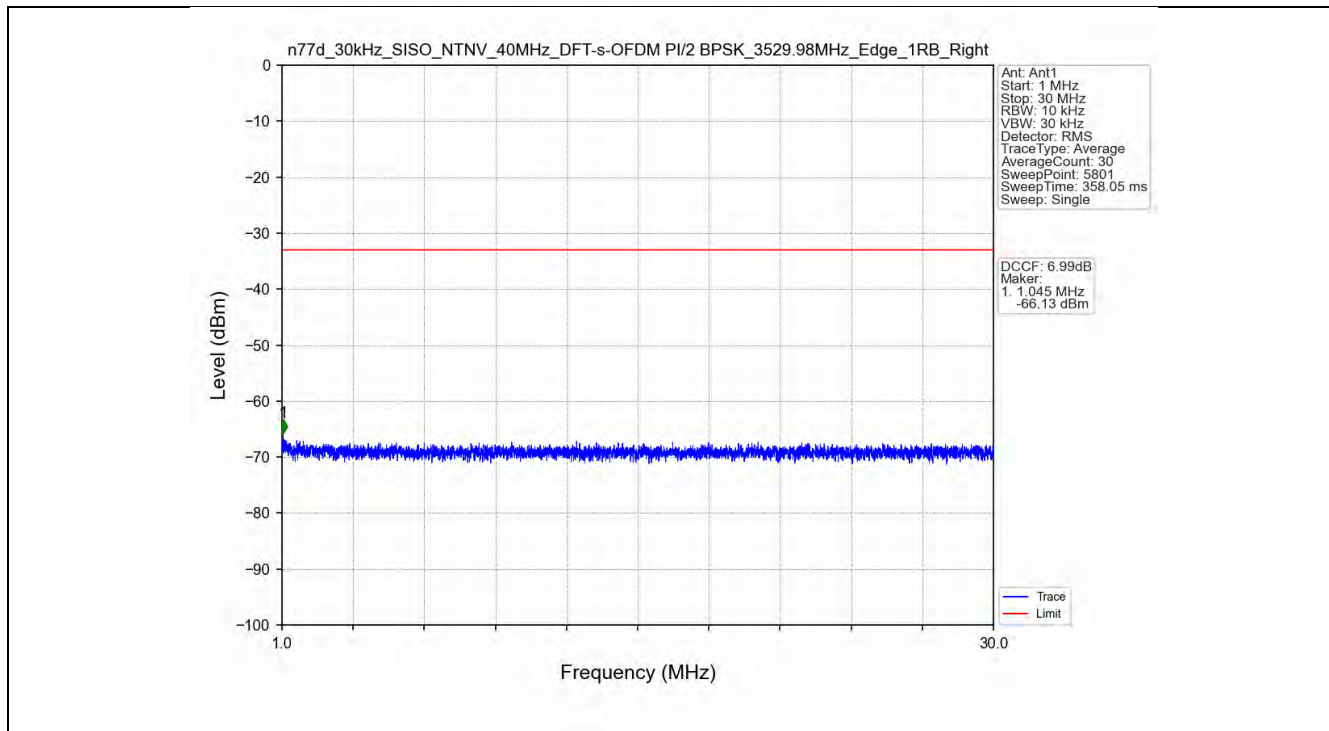
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 Page: 509 of 973



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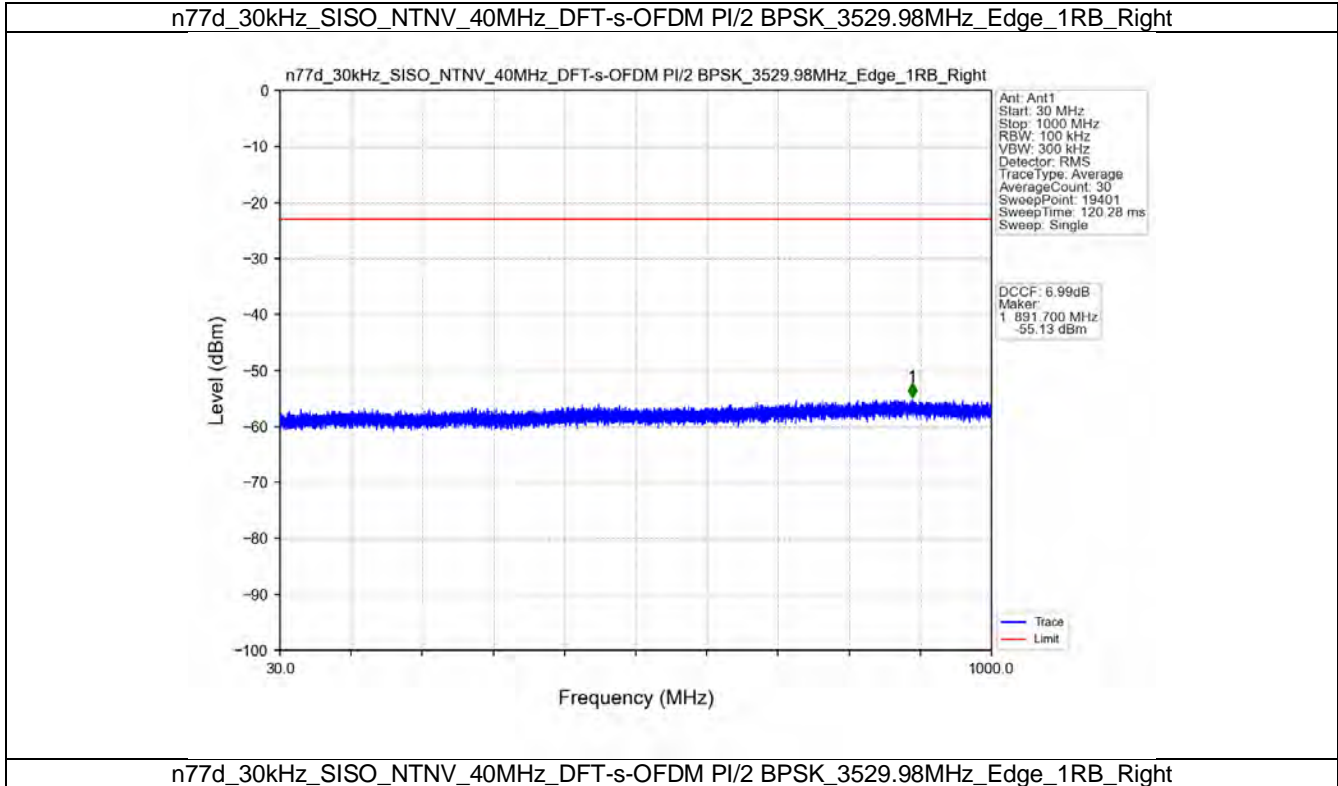


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Rev.: 01

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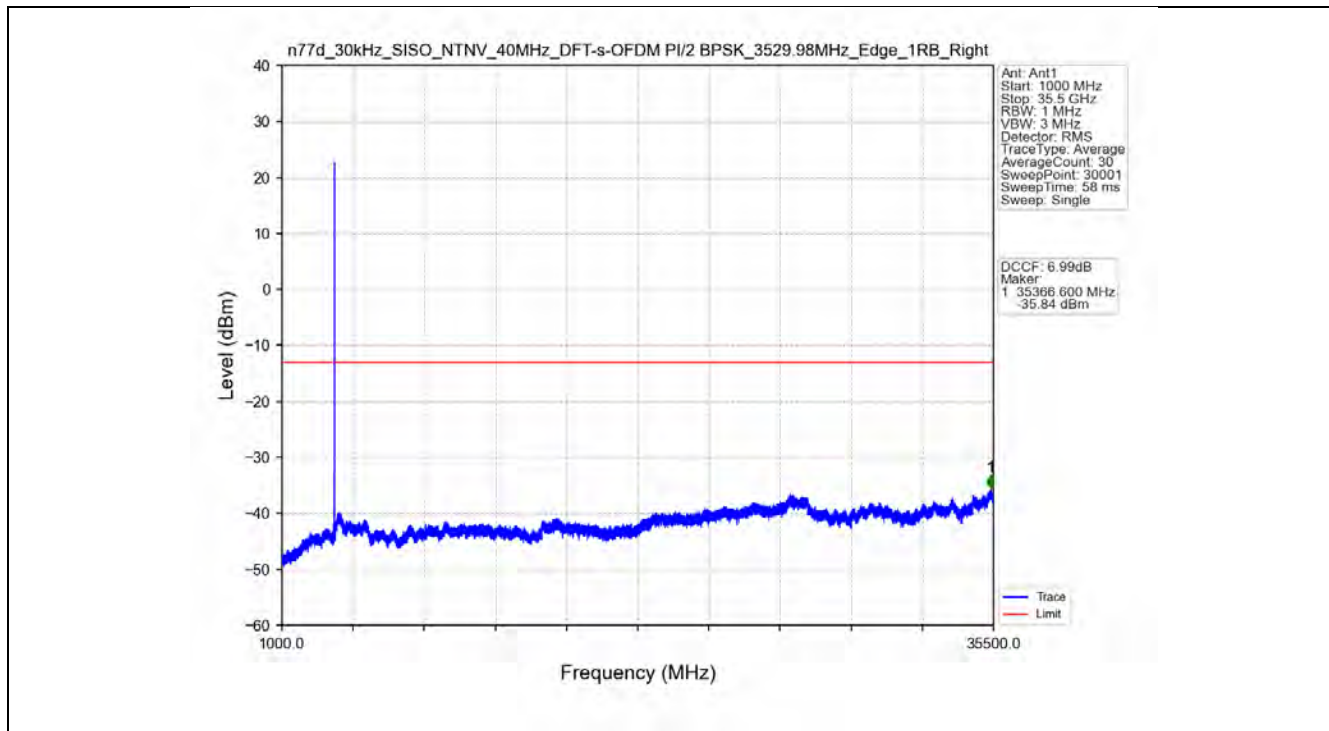
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Page: 511 of 973



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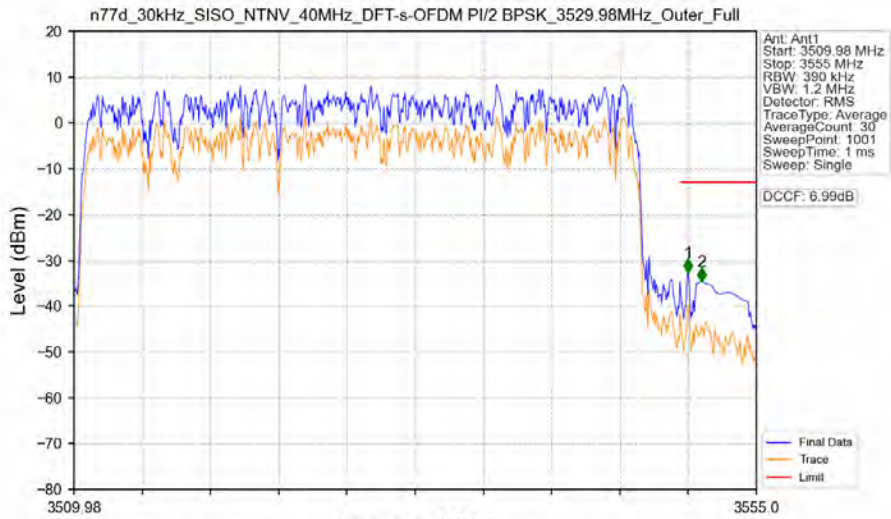
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Report No.: SZCR240100038409

Rev.: 01

Page: 512 of 973

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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.98	3550	0.39	/	/	/	/	/	/
3550	3551	0.39	/	1	3550.498	-32.80	-13	Pass
3551	3555	1	CHP	2	3551.398	-34.62	-13	Pass

n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3529.98MHz_Inner_1RB_Right



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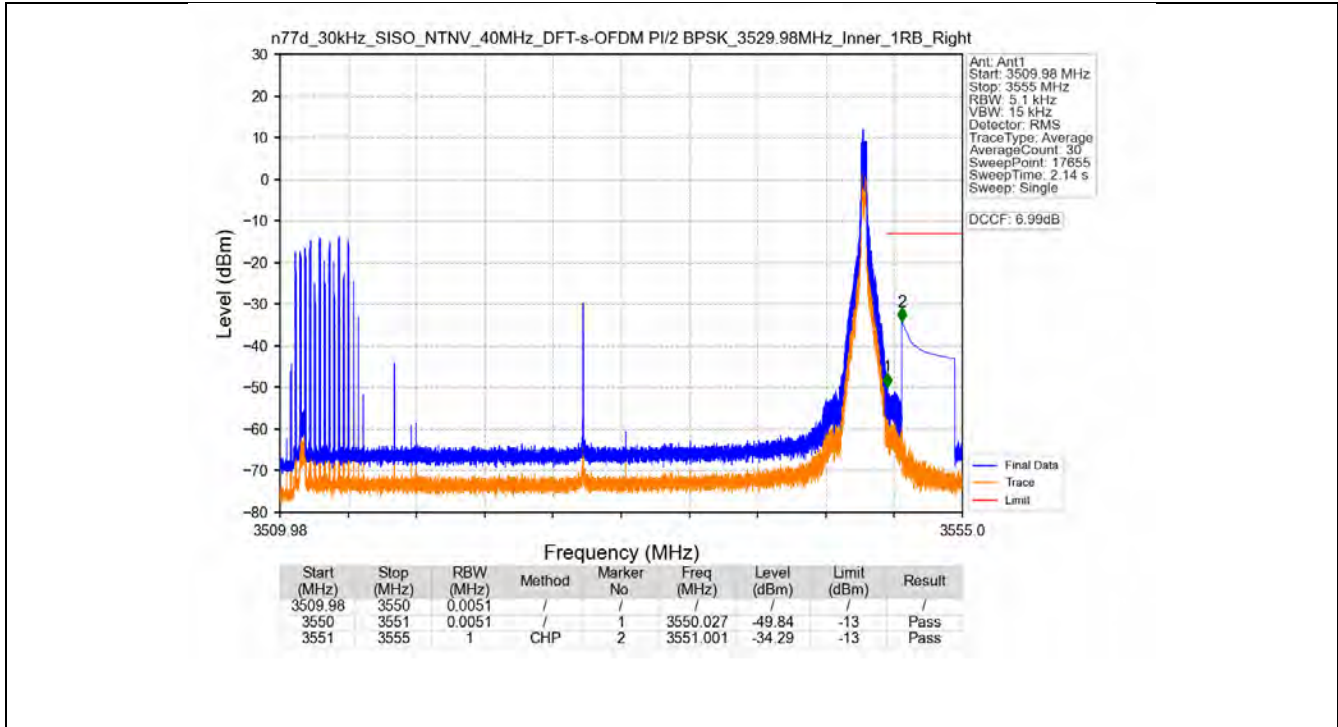


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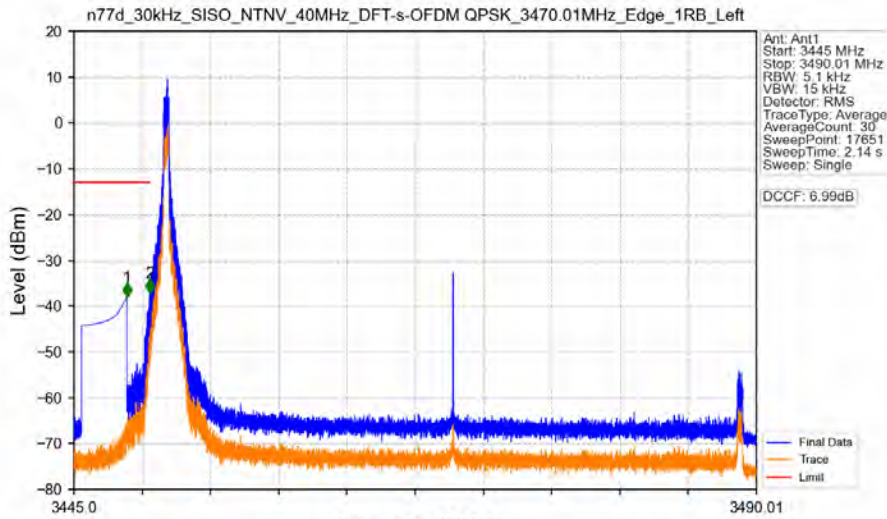
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Report No.: SZCR240100038409

Rev.: 01

Page: 514 of 973

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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	1	CHP	1	3448.499	-37.99	-13	Pass
3449	3450	0.0051	/	2	3449.991	-37.16	-13	Pass
3450	3490.01	0.0051	/	/	/	/	/	/

n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



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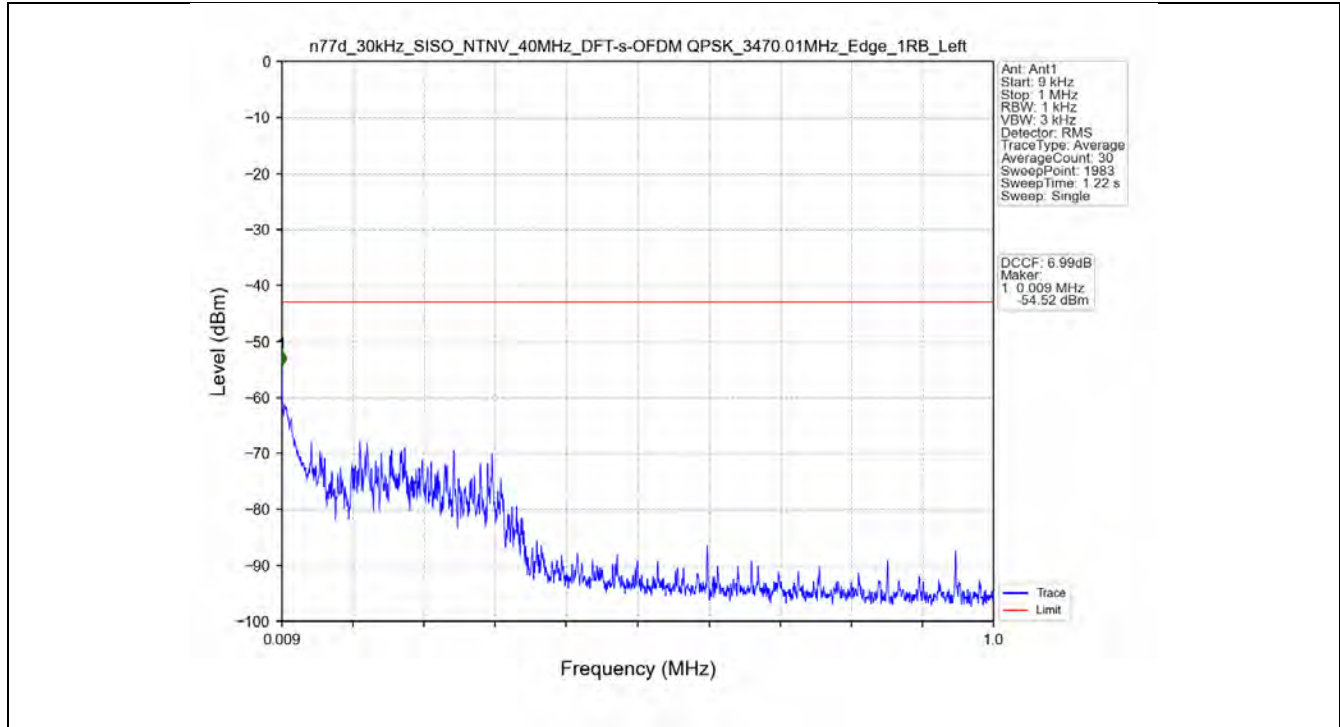


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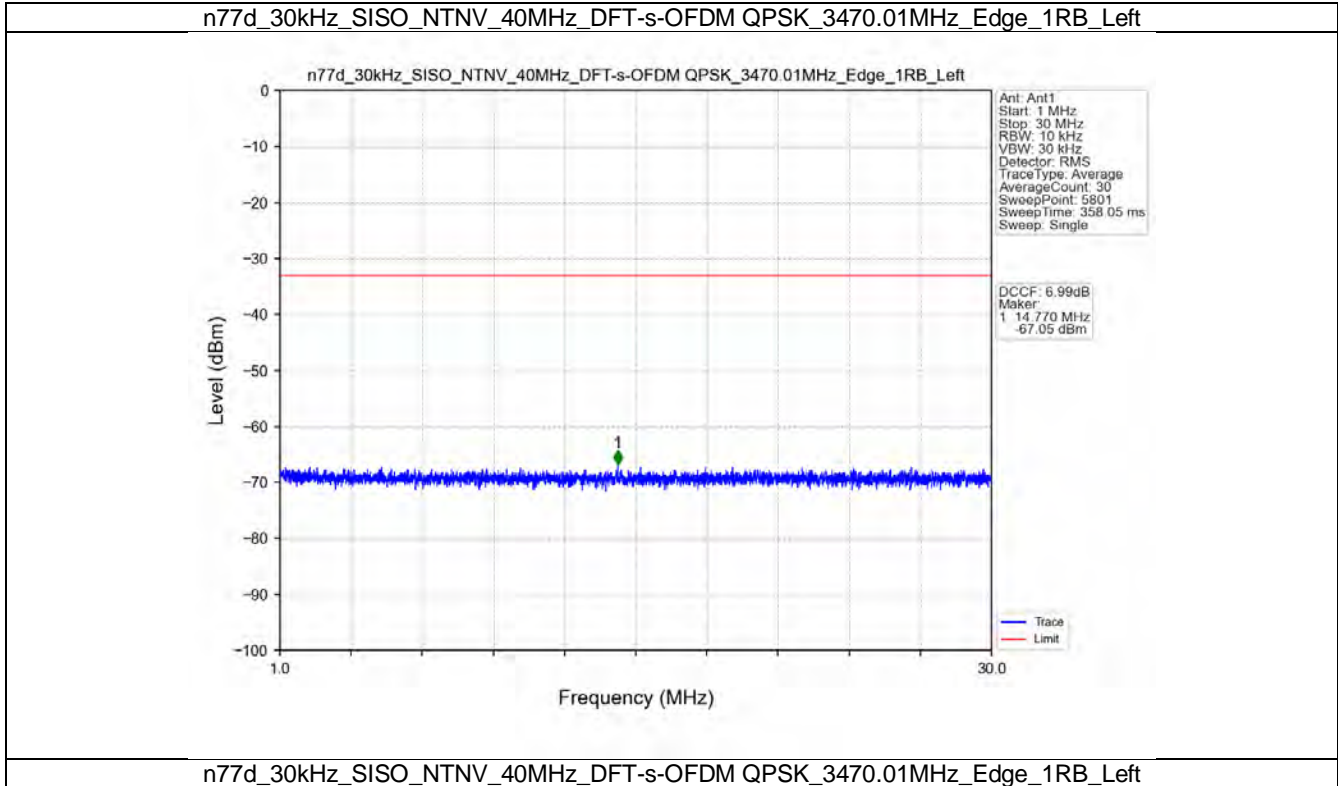


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Report No.: SZCR240100038409

Rev.: 01

Page: 516 of 973



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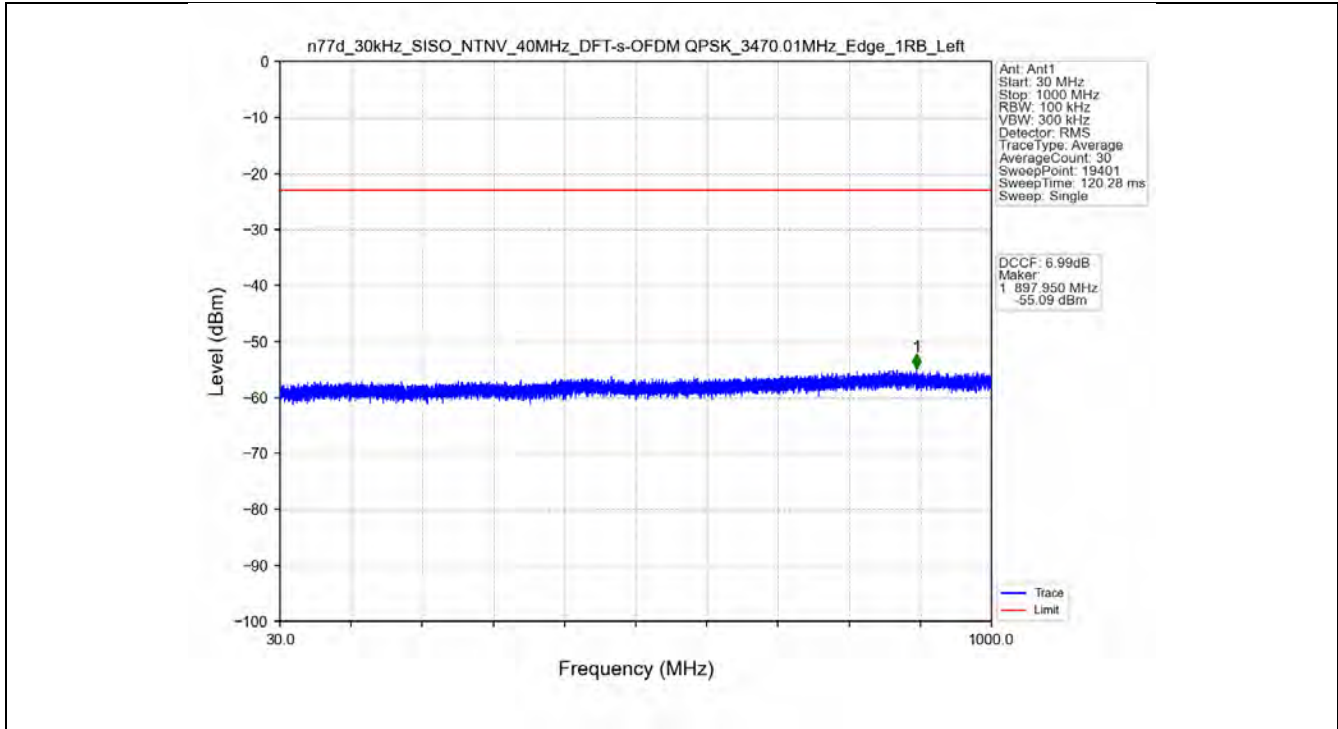


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Report No.: SZCR240100038409

Rev.: 01

Page: 517 of 973



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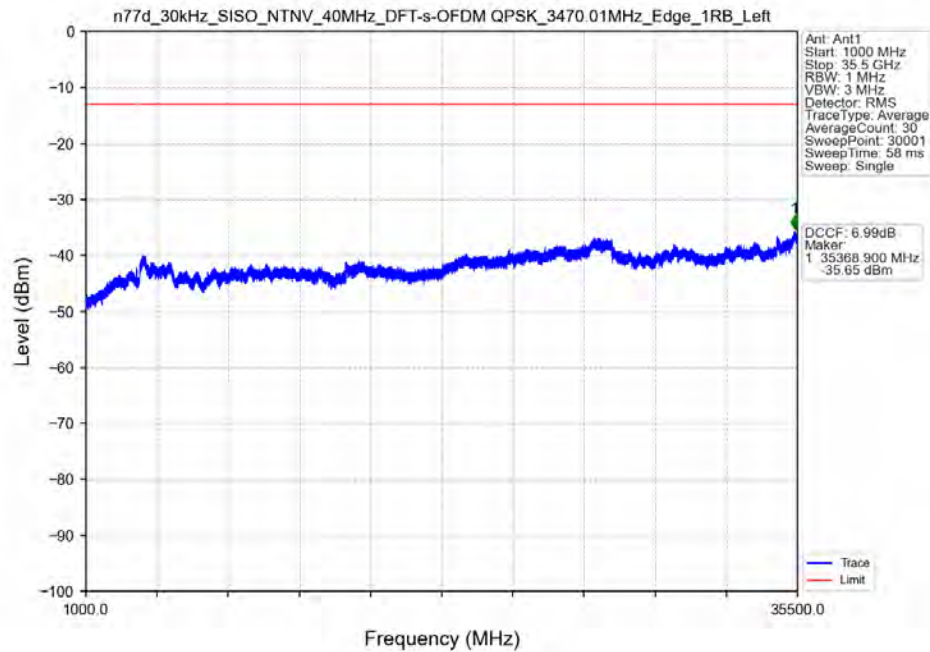
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Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 518 of 973

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n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Outer_Full



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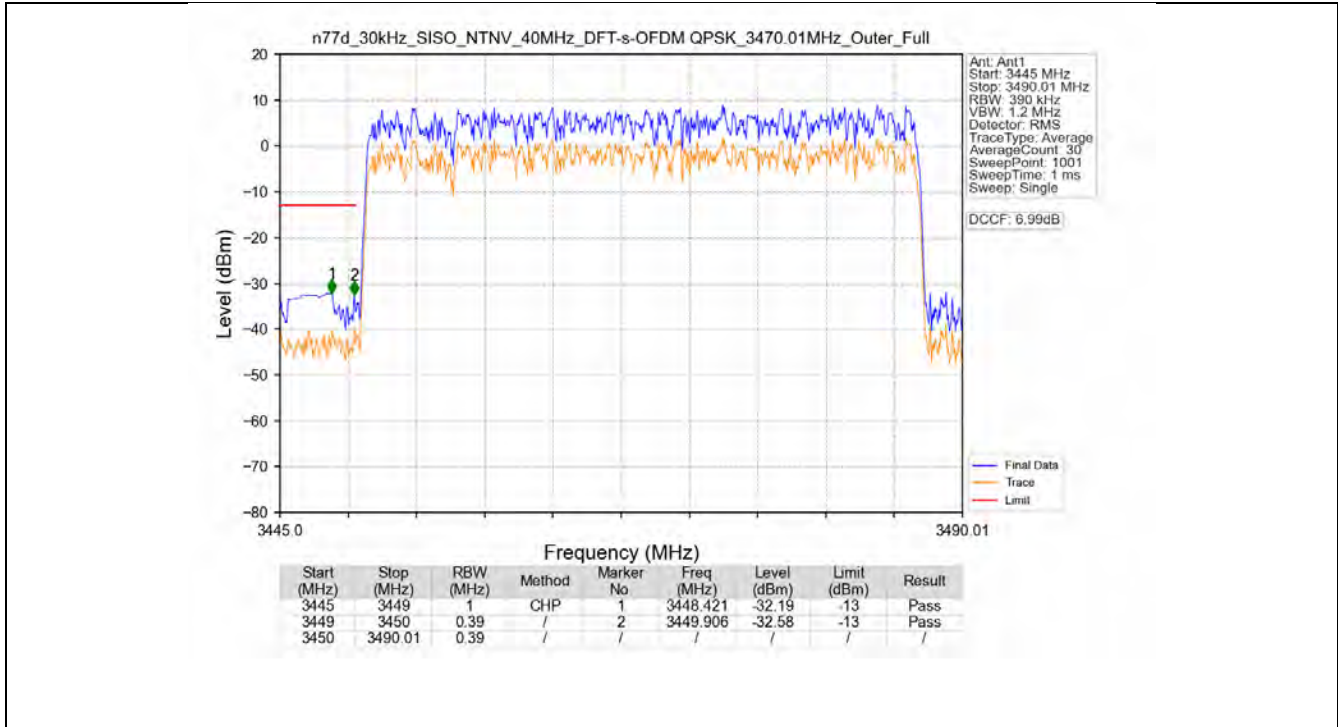


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Report No.: SZCR240100038409

Rev.: 01

Page: 519 of 973



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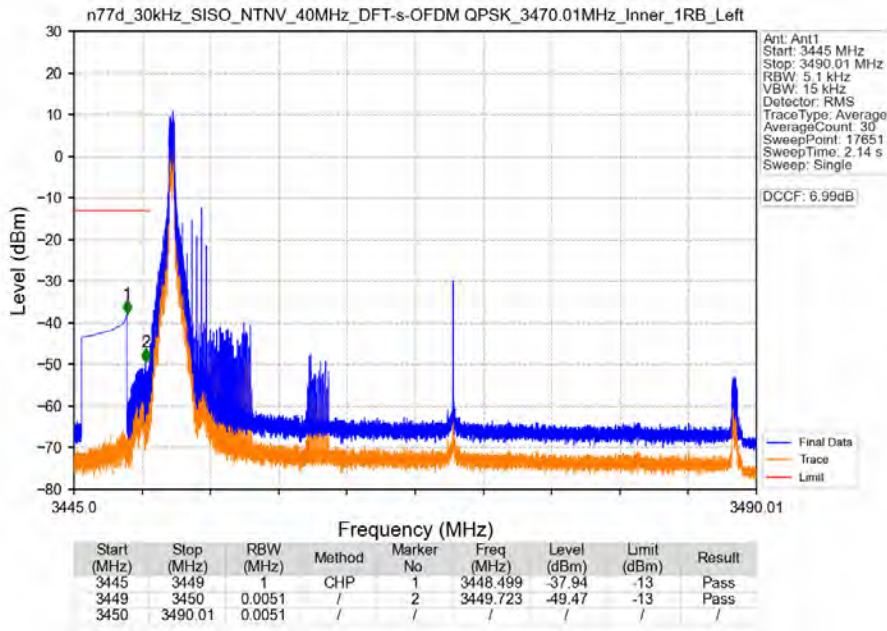
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Shenzhen Branch

Report No.: SZCR240100038409

Rev.: 01

Page: 520 of 973

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n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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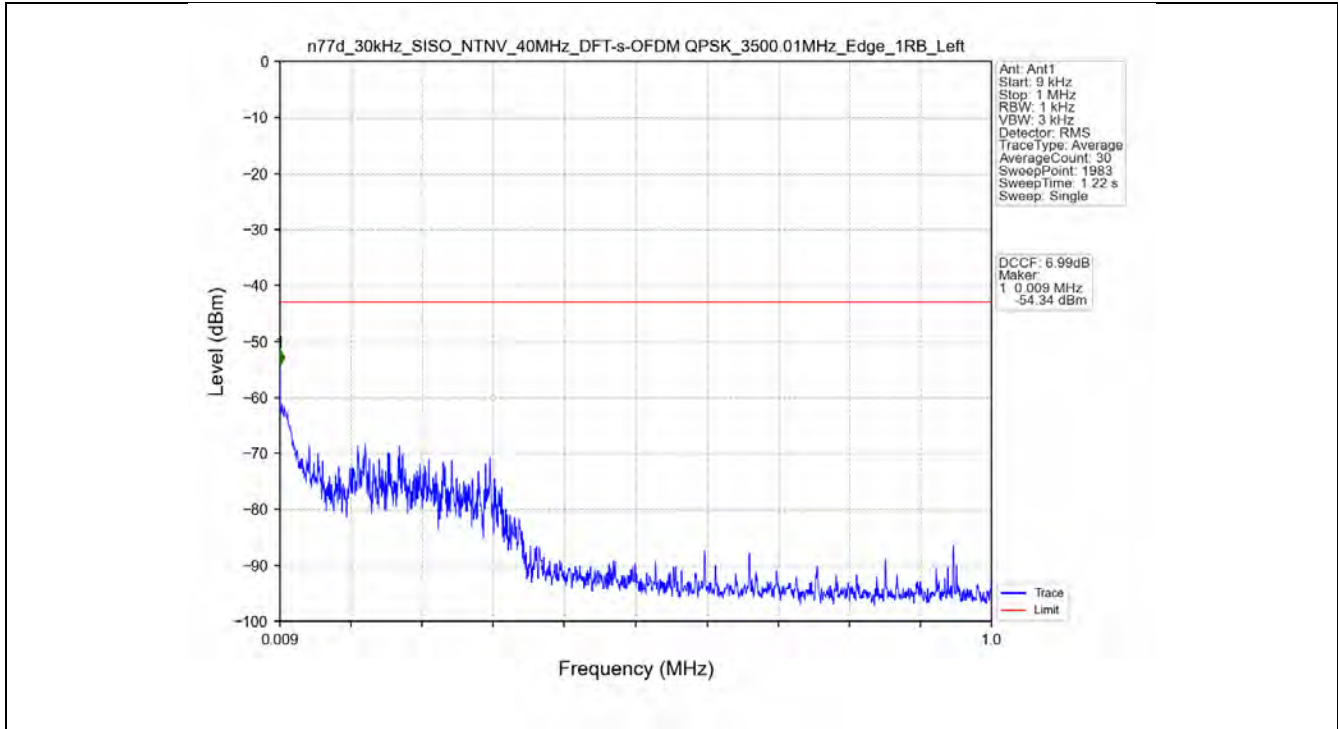


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Report No.: SZCR240100038409

Rev.: 01

Page: 521 of 973



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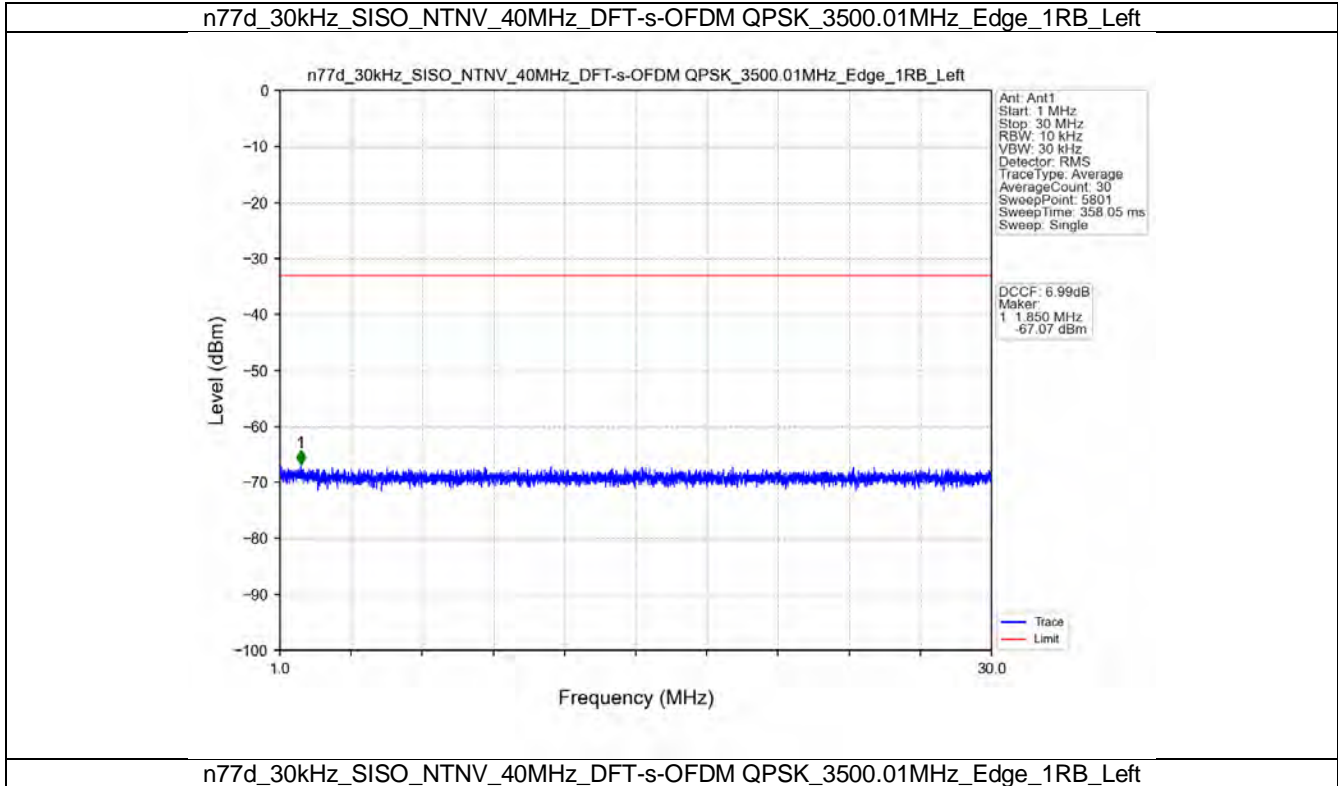


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Report No.: SZCR240100038409

Rev.: 01

Page: 522 of 973



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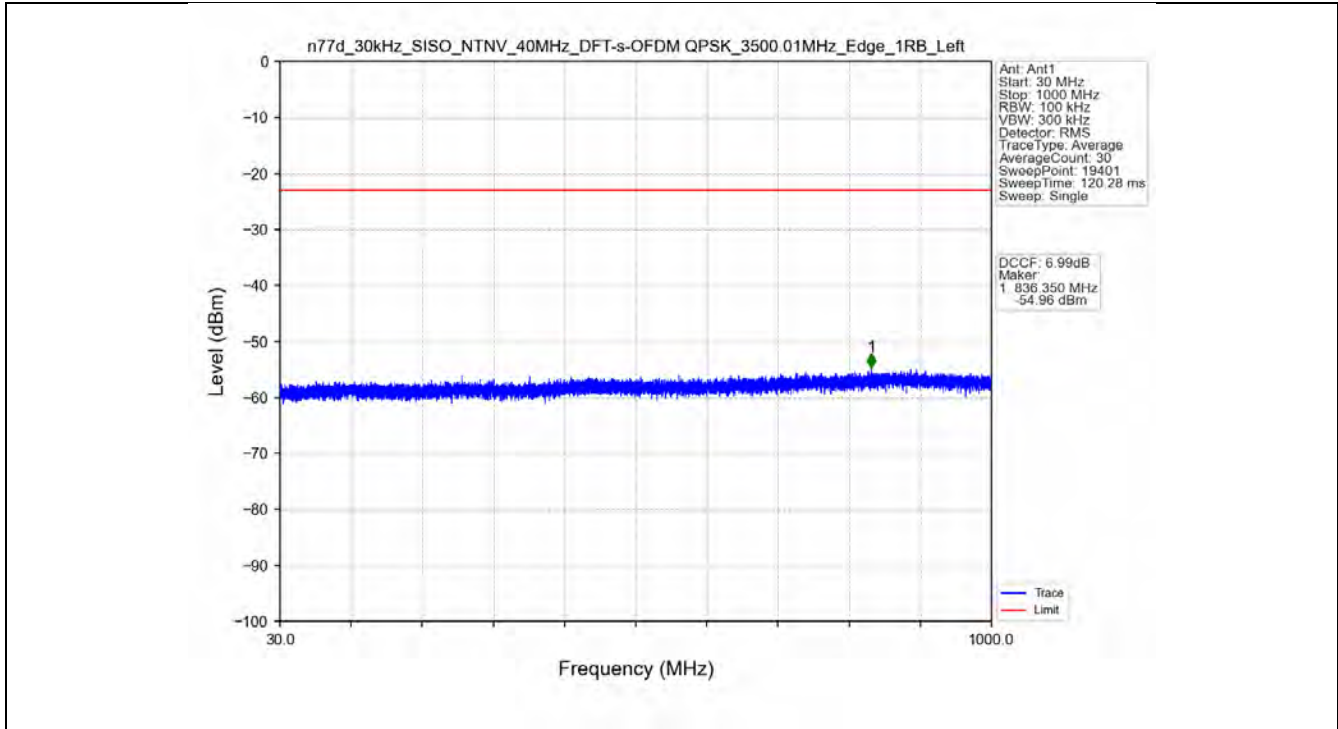


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Page: 523 of 973



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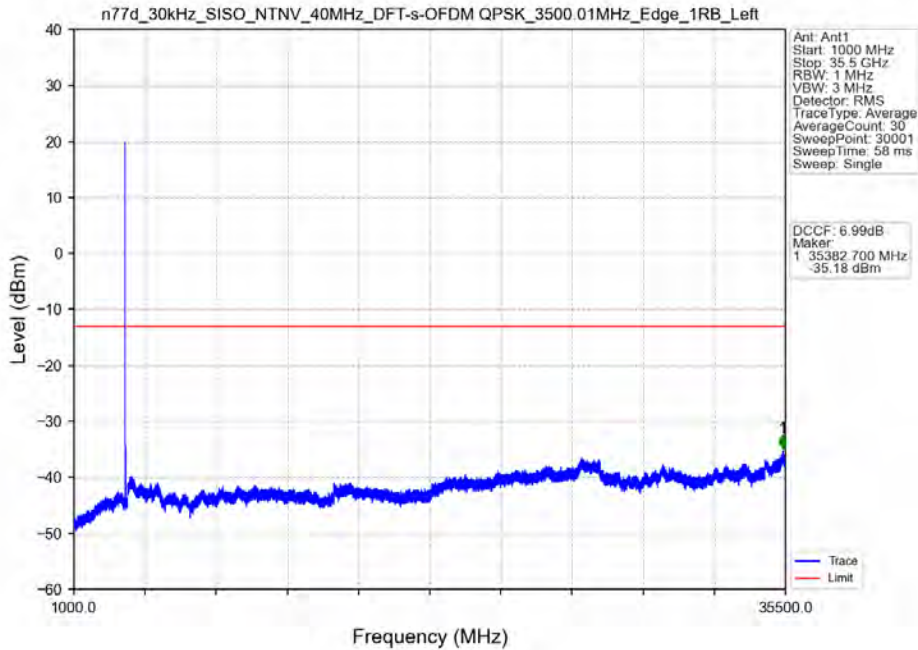
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Report No.: SZCR240100038409

Rev.: 01

Page: 524 of 973

n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left



n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3529.98MHz_Edge_1RB_Right



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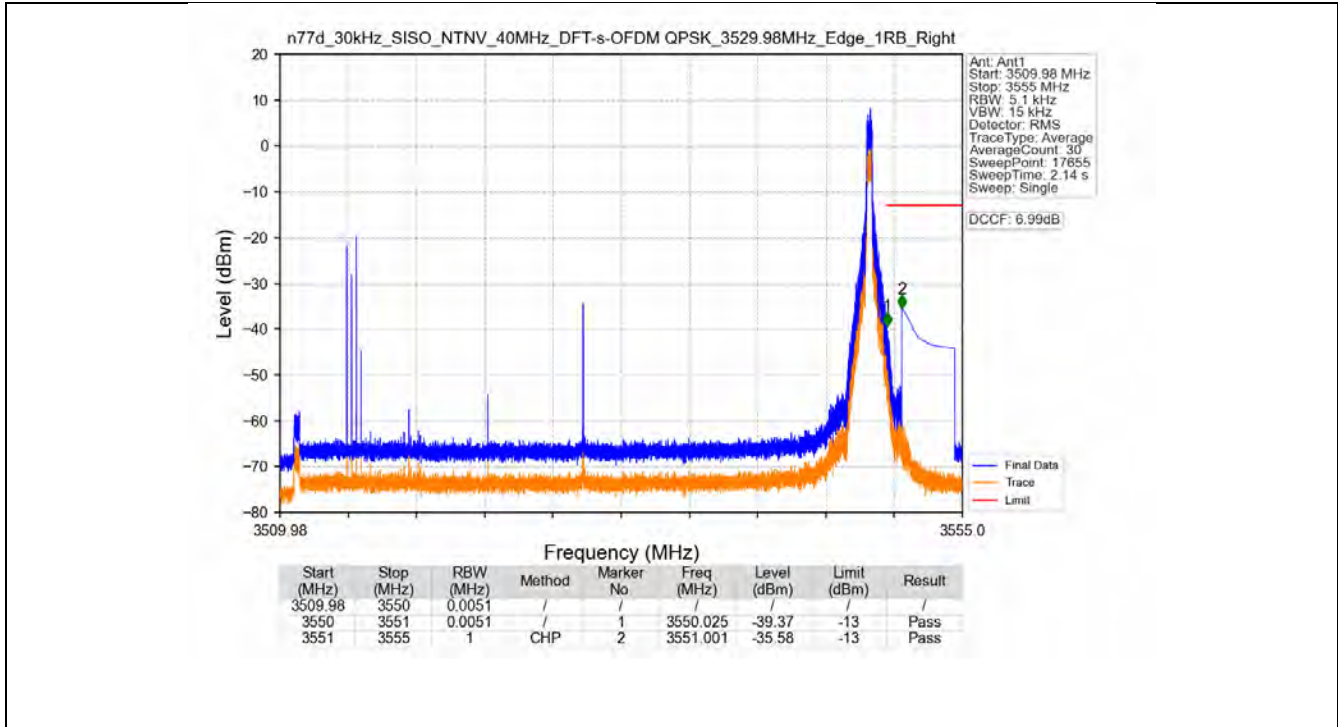


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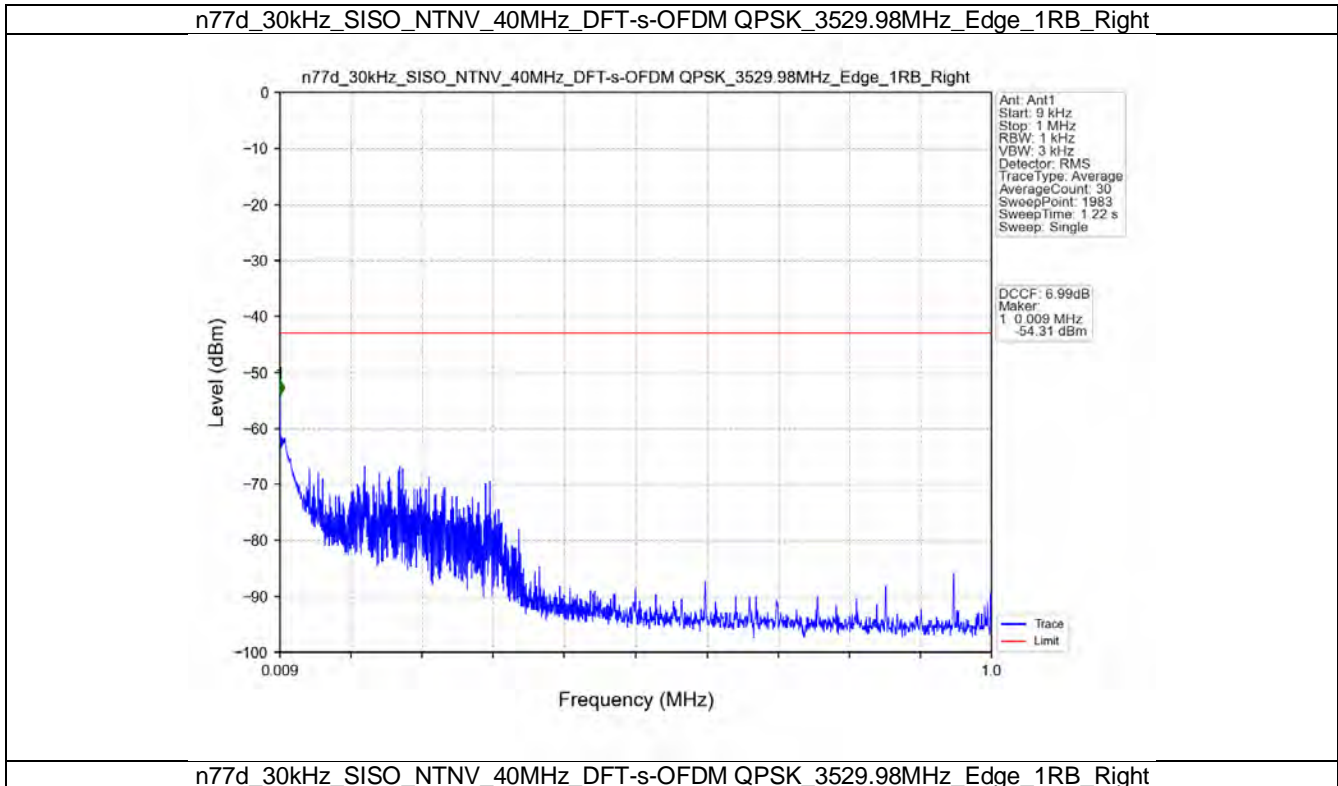


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Rev.: 01

Page: 526 of 973



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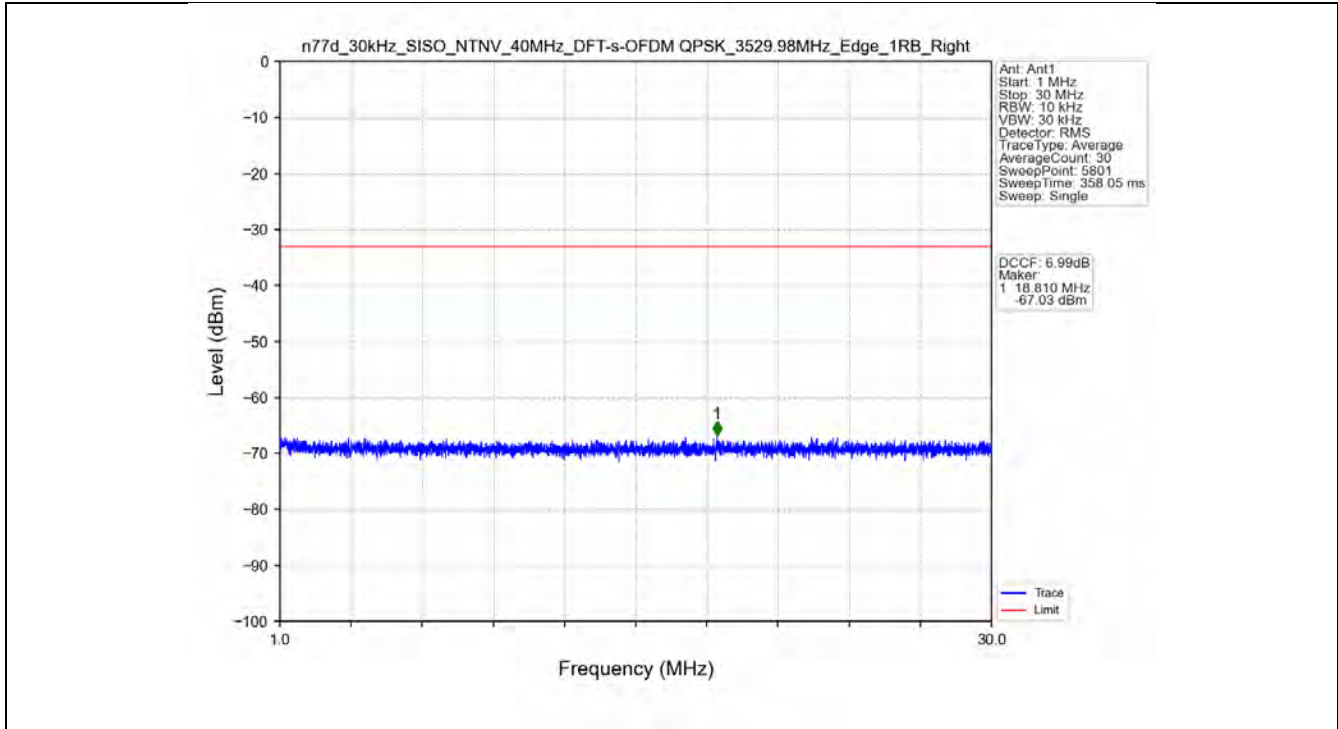


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Rev.: 01

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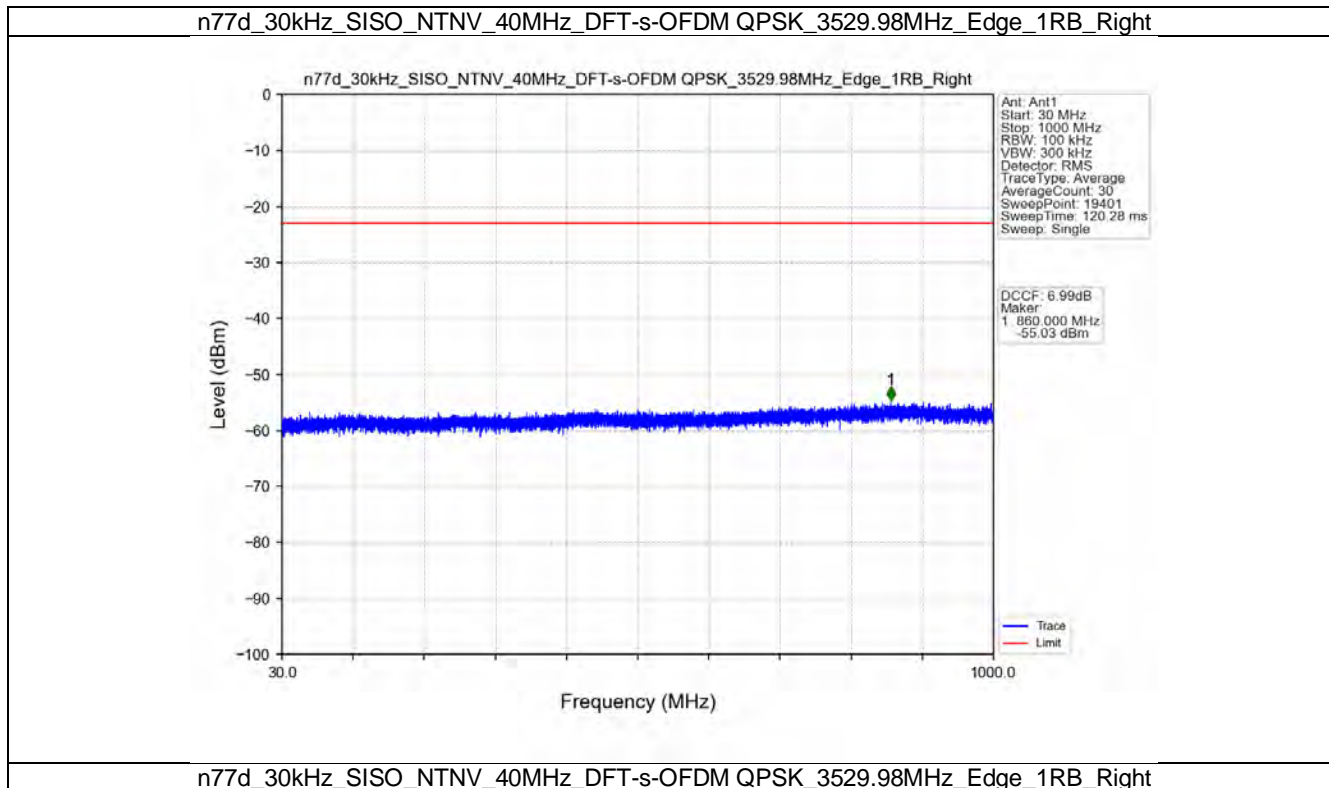
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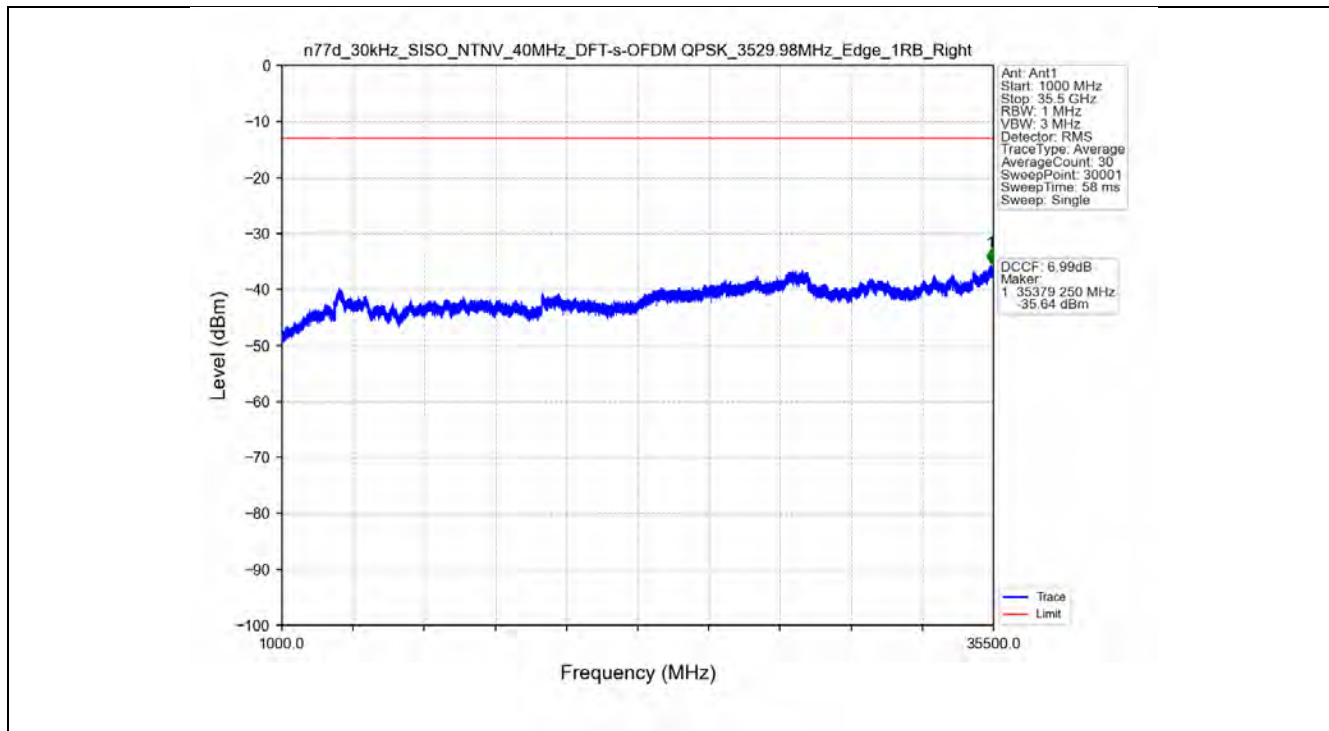
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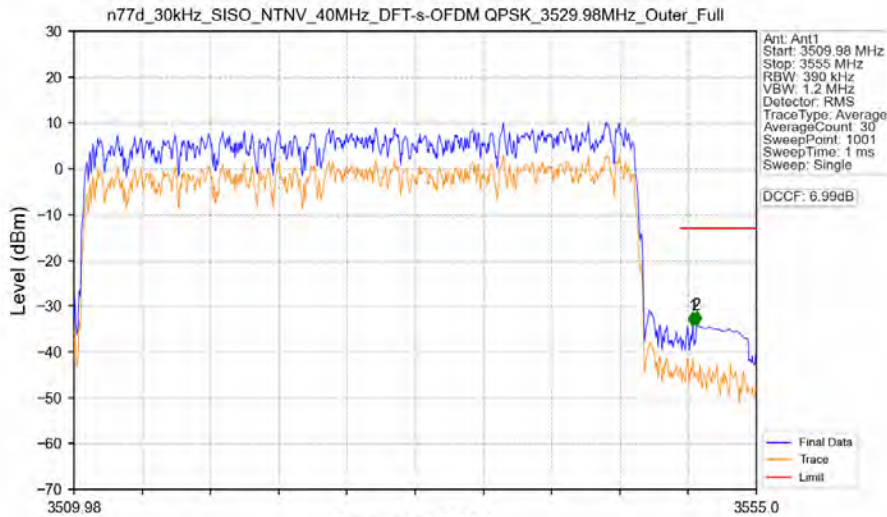
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Report No.: SZCR240100038409

Rev.: 01

Page: 530 of 973

n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3529.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.98	3550	0.39	/	1	3550.813	-34.29	-13	Pass
3550	3551	0.39	/	2	3551.038	-34.11	-13	Pass

n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3529.98MHz_Inner_1RB_Right



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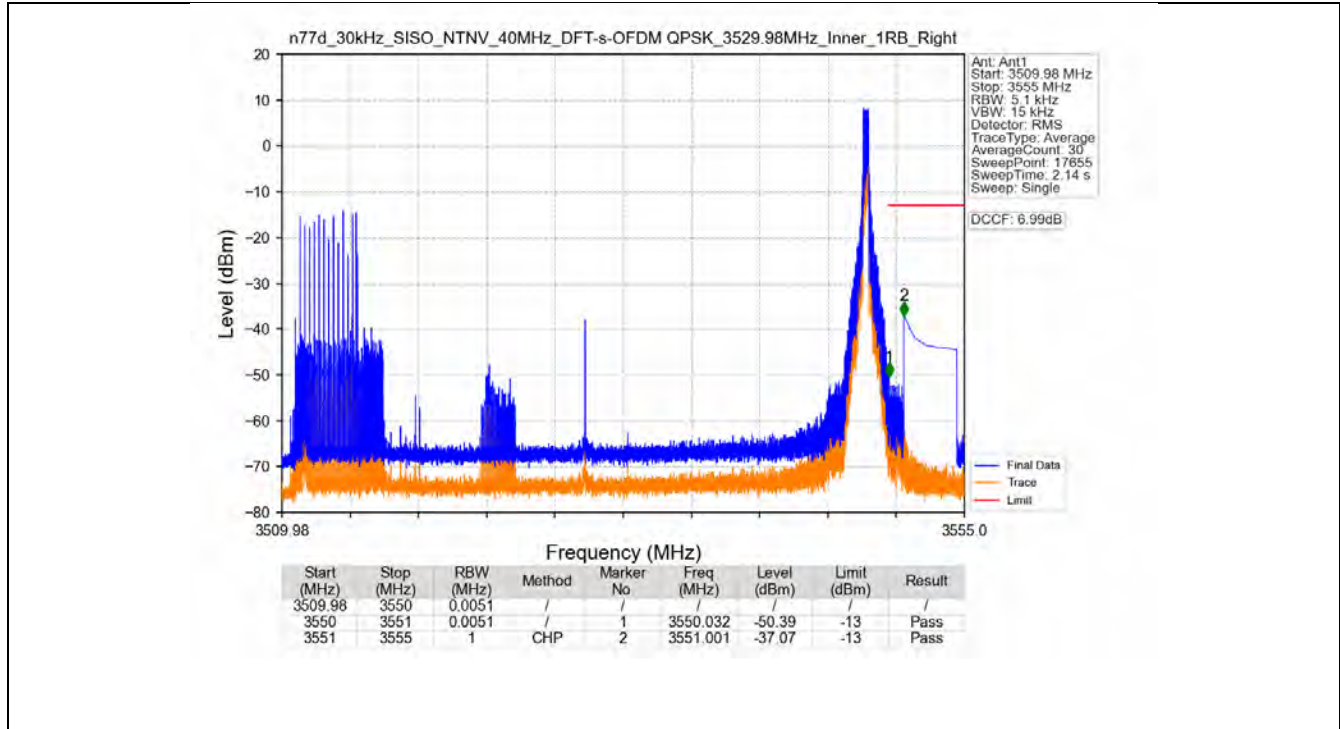


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Report No.: SZCR240100038409

Rev.: 01

Page: 531 of 973



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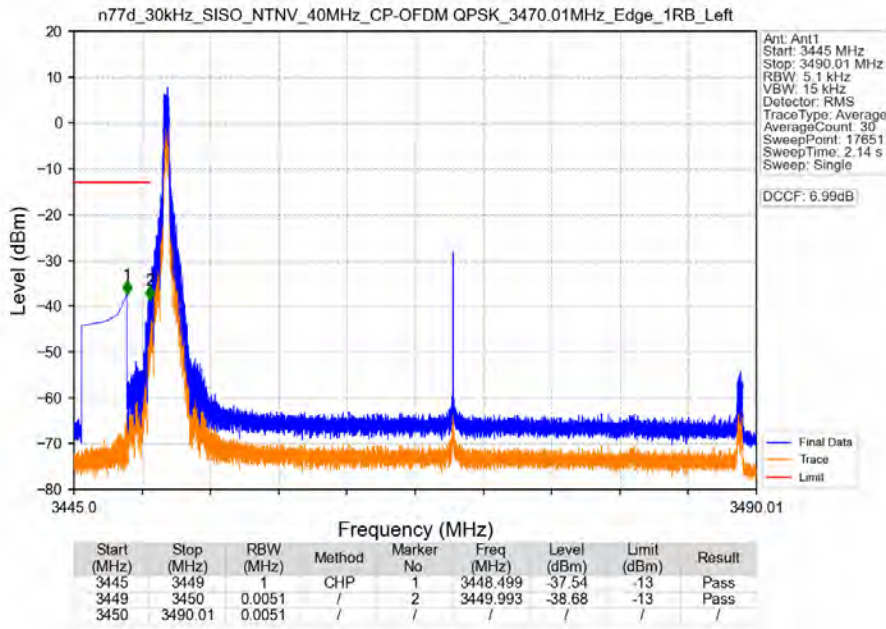
**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038409

Rev.: 01

Page: 532 of 973

n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3470.01MHz_Edge_1RB_Left



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3470.01MHz_Edge_1RB_Left



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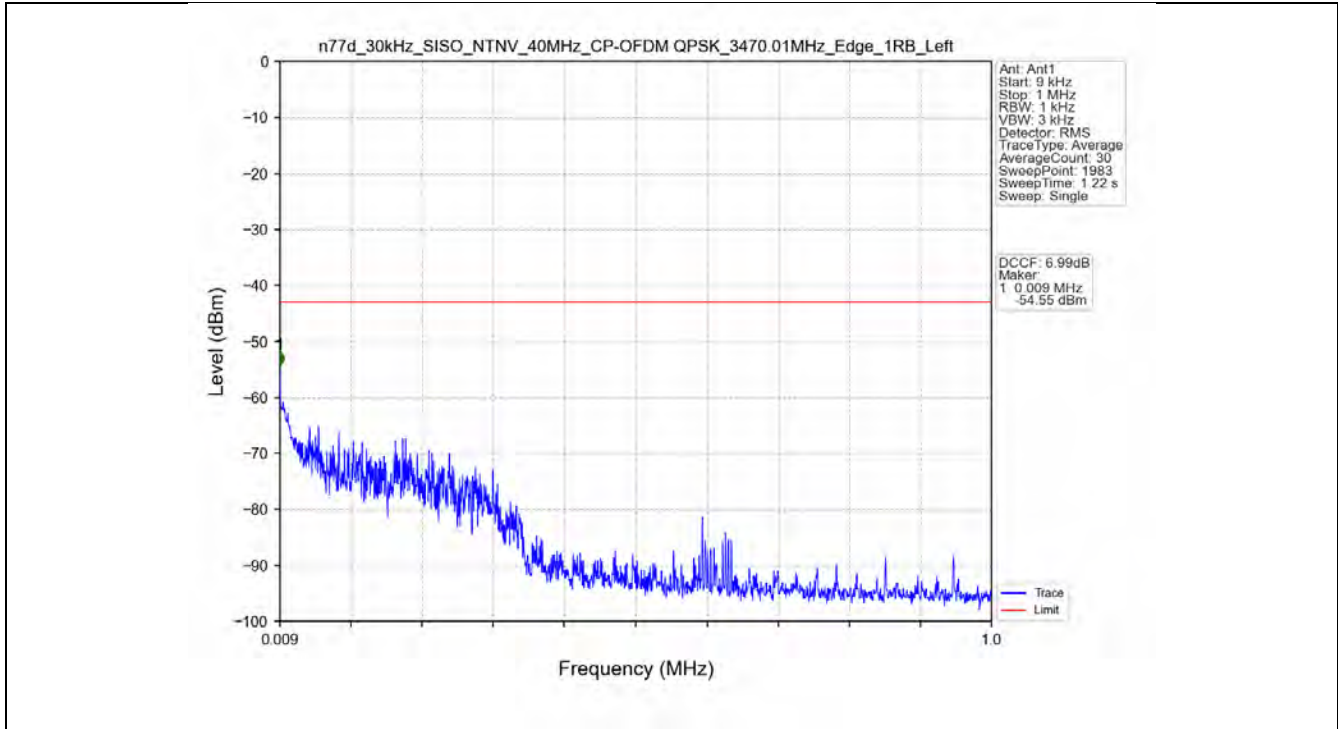


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Report No.: SZCR240100038409

Rev.: 01

Page: 533 of 973



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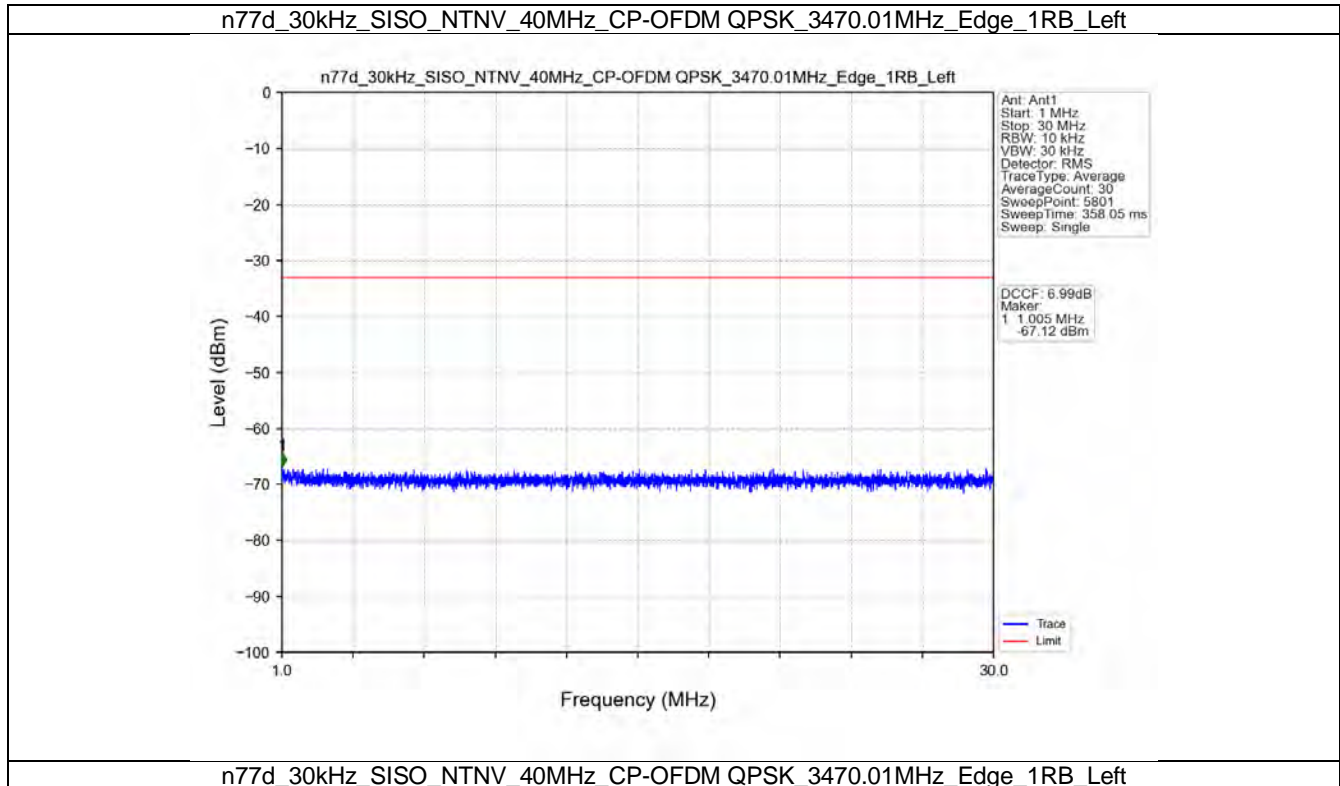


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Report No.: SZCR240100038409

Rev.: 01

Page: 534 of 973



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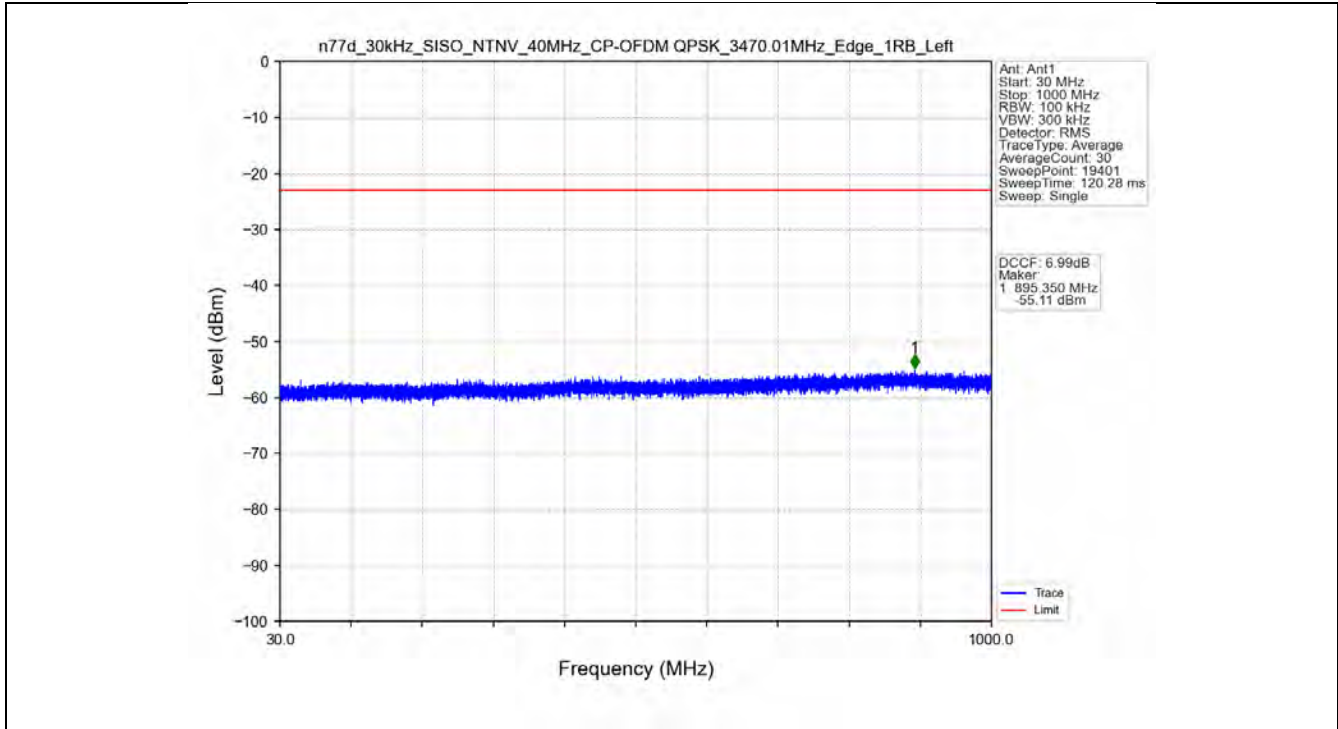


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Report No.: SZCR240100038409

Rev.: 01

Page: 535 of 973



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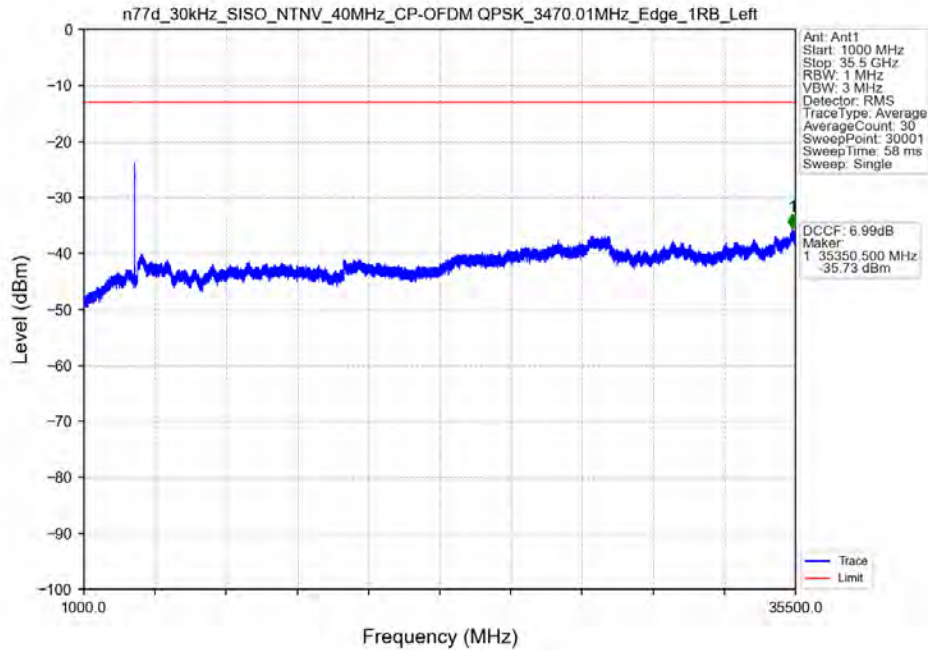
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Report No.: SZCR240100038409

Rev.: 01

Page: 536 of 973

n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3470.01MHz_Edge_1RB_Left



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3470.01MHz_Outer_Full



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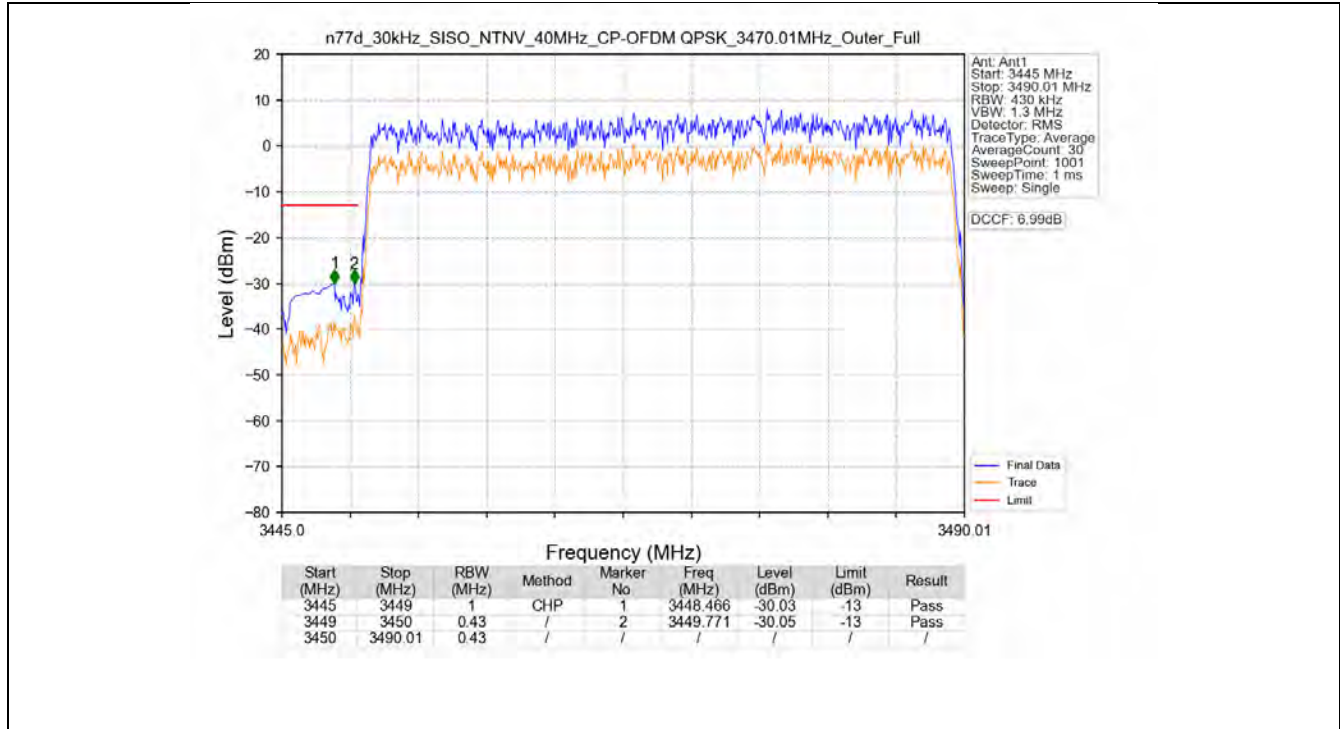


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Report No.: SZCR240100038409

Rev.: 01

Page: 537 of 973



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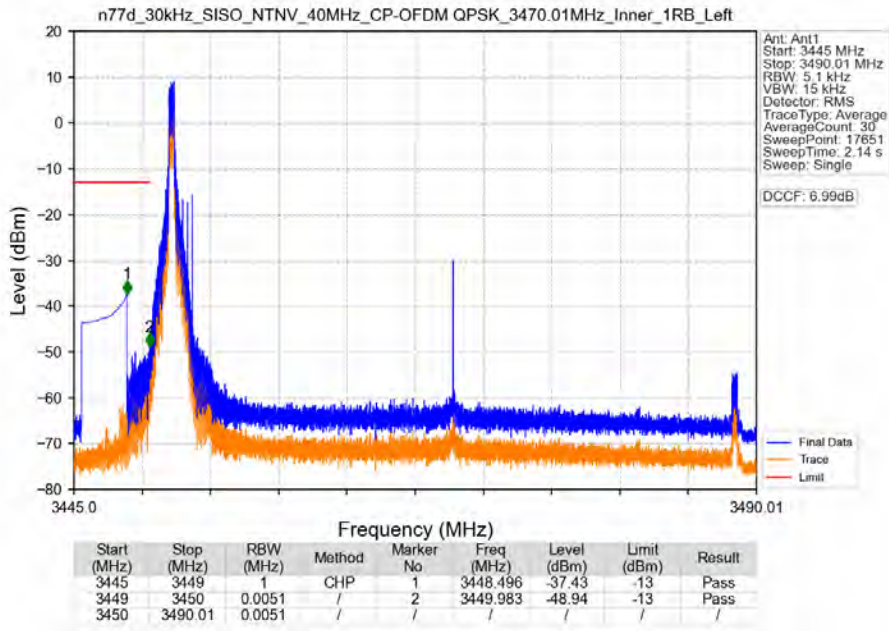
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Report No.: SZCR240100038409

Rev.: 01

Page: 538 of 973

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n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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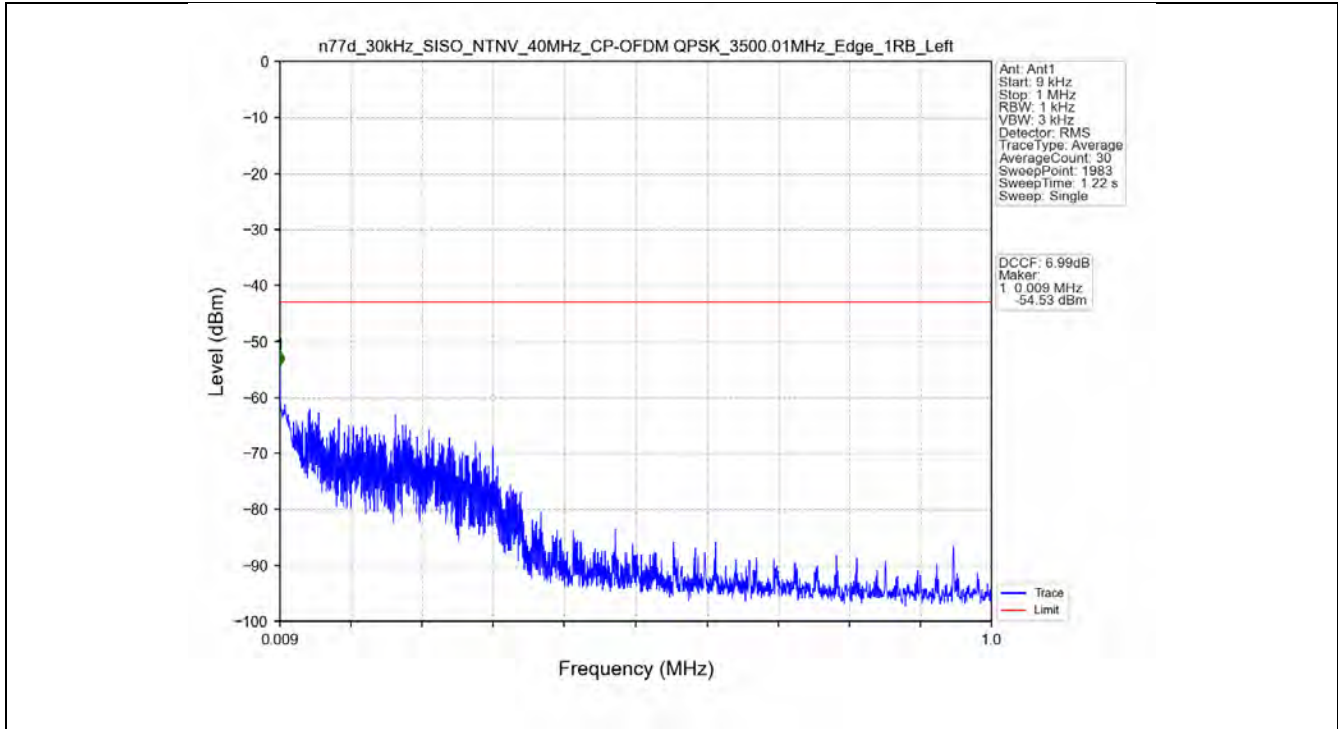


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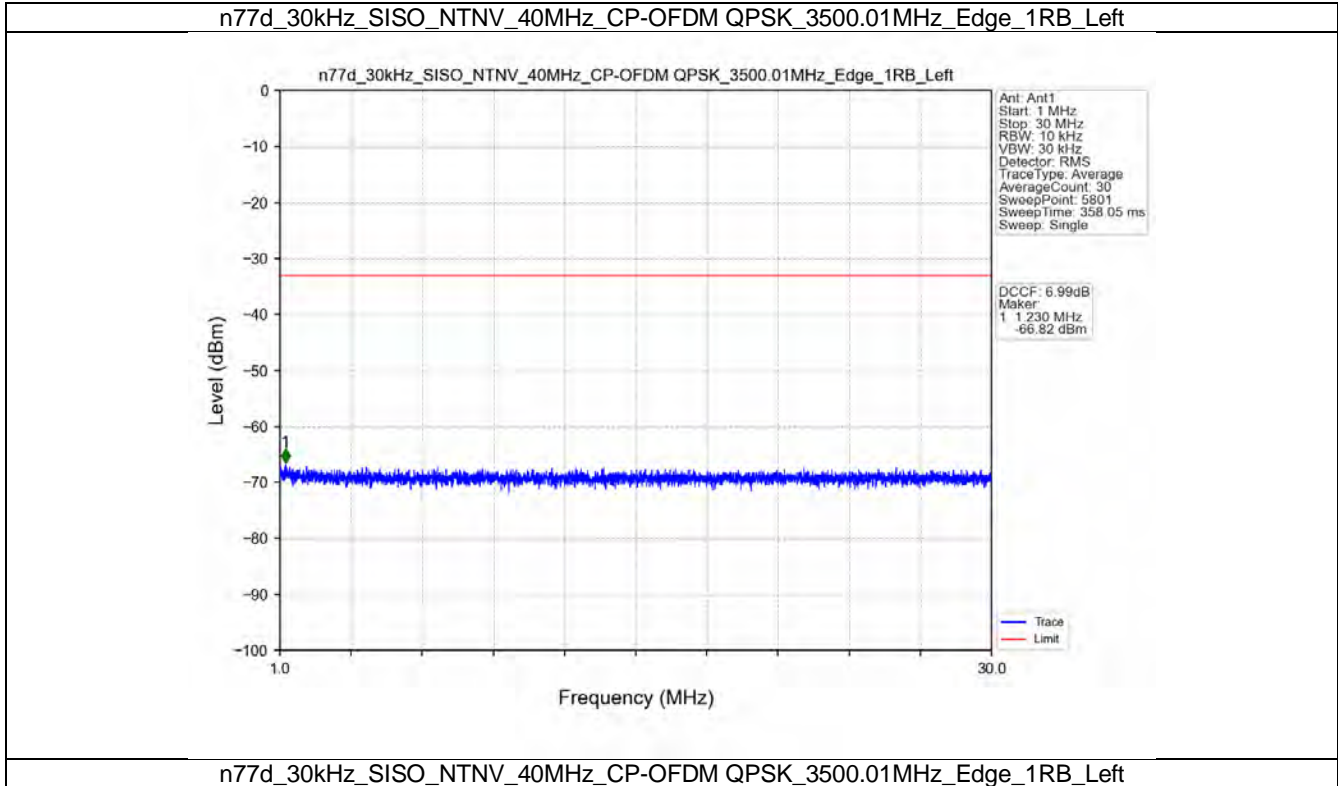


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Rev.: 01

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