

4. Peak-Average Ratio

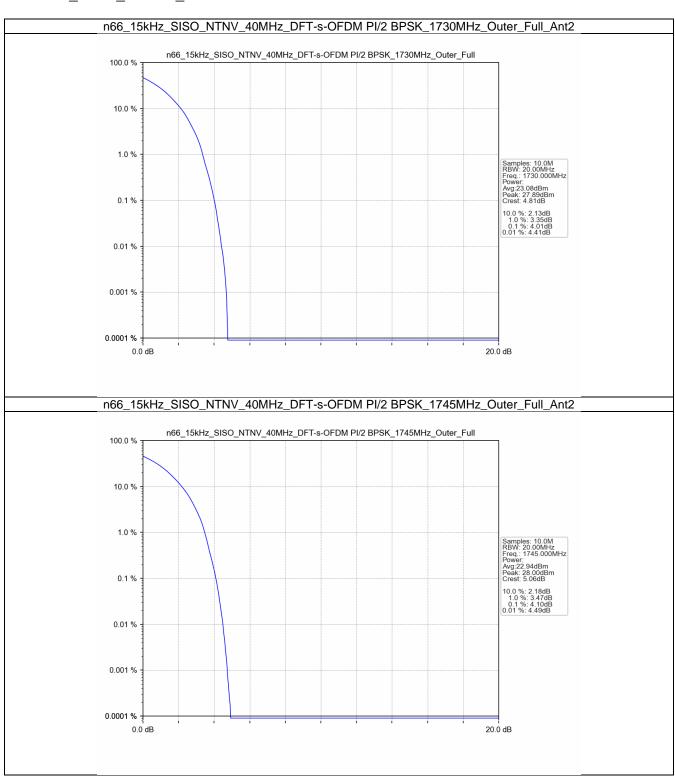
4.1 Test Result

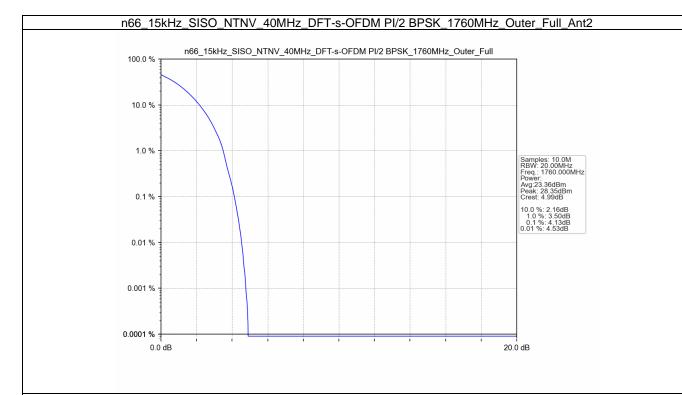
4.1.1 15k_SISO_40MHz_NTNV

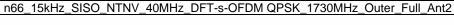
	50	NR n66 SCS=15	kHz SISO 4	0MHz NTNV			
Modulation	Frequency	RB		Peak-Avera	ge Ratio (dE	3)	Verdict
Modulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	verdict
	1730	Outer_Full	4.01	/	/	<=13	Pass
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	4.10	/	/	<=13	Pass
	1760	Outer_Full	4.13	/	/	<=13	Pass
	1730	Outer_Full	5.62	/	/	<=13	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	5.64	/	/	<=13	Pass
	1760	Outer_Full	5.64	/	/	<=13	Pass
	1730	Outer_Full	6.62	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	6.61	/	/	<=13	Pass
	1760	Outer_Full	6.66	/	/	<=13	Pass
	1730	Outer_Full	6.85	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	6.84	/	/	<=13	Pass
	1760	Outer_Full	6.90	/	/	<=13	Pass
	1730	Outer_Full	6.88	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	6.85	/	/	<=13	Pass
	1760	Outer_Full	6.88	/	/	<=13	Pass
	1730	Outer_Full	8.04	/	/	<=13	Pass
CP-OFDM QPSK	1745	Outer_Full	8.02	/	/	<=13	Pass
	1760	Outer_Full	8.11	/	/	<=13	Pass
	1730	Outer_Full	8.12	/	/	<=13	Pass
CP-OFDM 16 QAM	1745	Outer_Full	8.10	/	/	<=13	Pass
	1760	Outer_Full	8.19	/	/	<=13	Pass
	1730	Outer_Full	8.11	/	/	<=13	Pass
CP-OFDM 64 QAM	1745	Outer_Full	8.05	/	/	<=13	Pass
	1760	Outer_Full	8.14	/	/	<=13	Pass
	1730	Outer_Full	8.53	/	/	<=13	Pass
CP-OFDM 256 QAM	1745	Outer_Full	8.52	/	/	<=13	Pass
	1760	Outer_Full	8.51	/	/	<=13	Pass

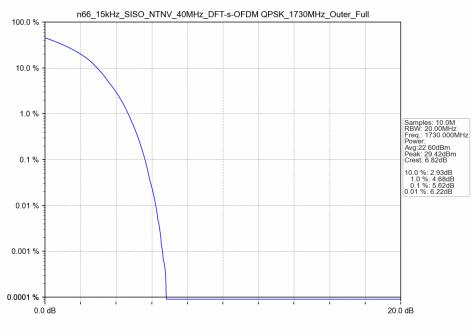
4.2 Test Graph

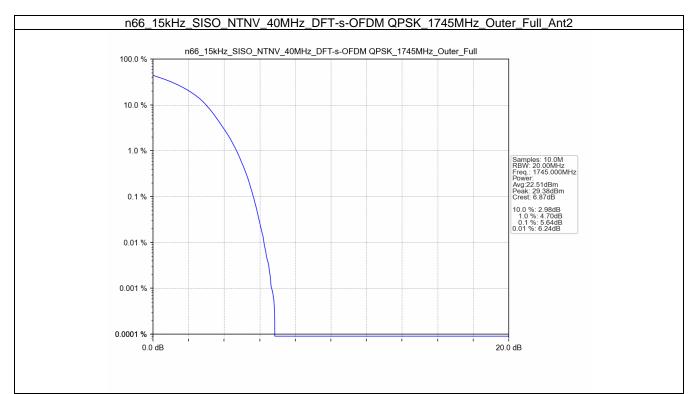
4.2.1 15k_SISO_40MHz_NTNV

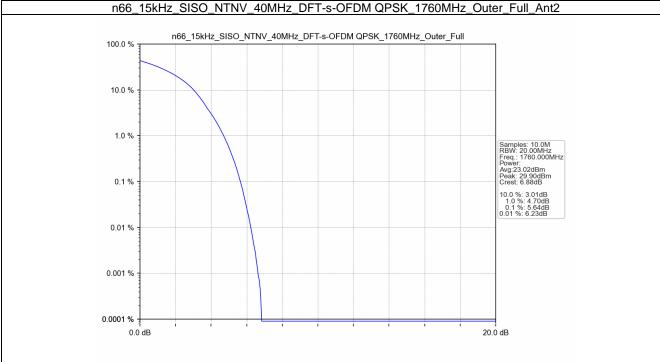


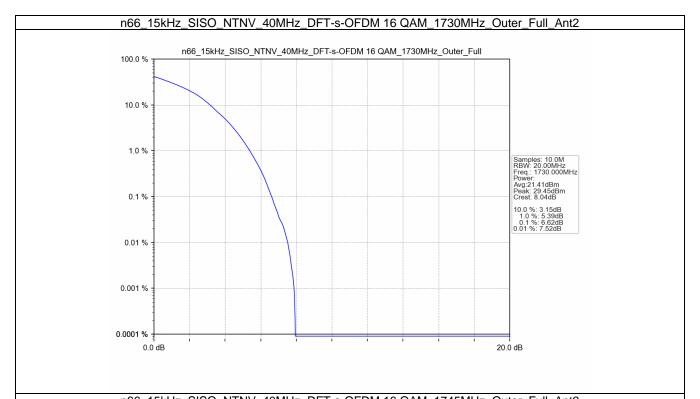


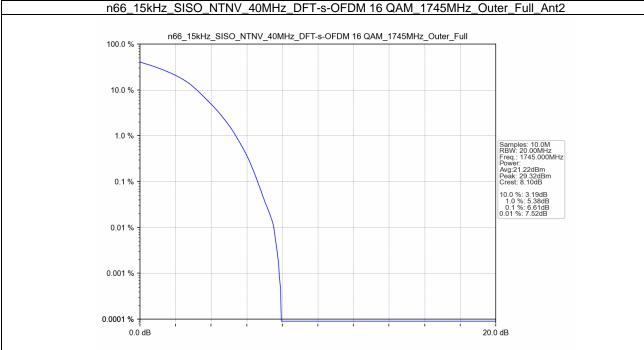


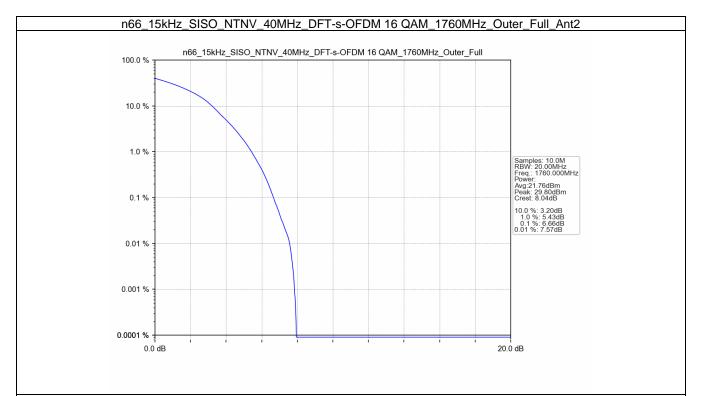


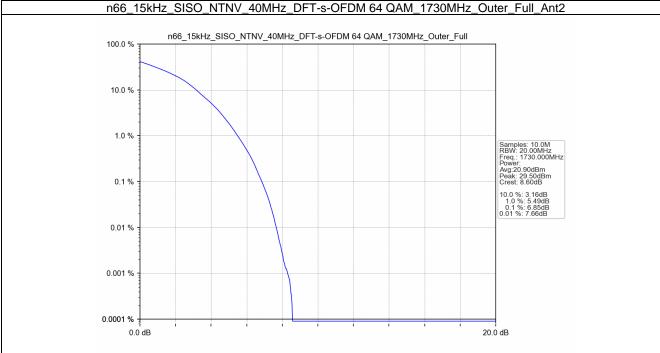


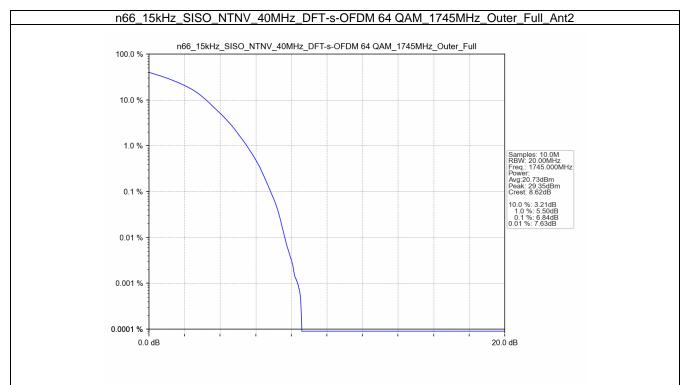


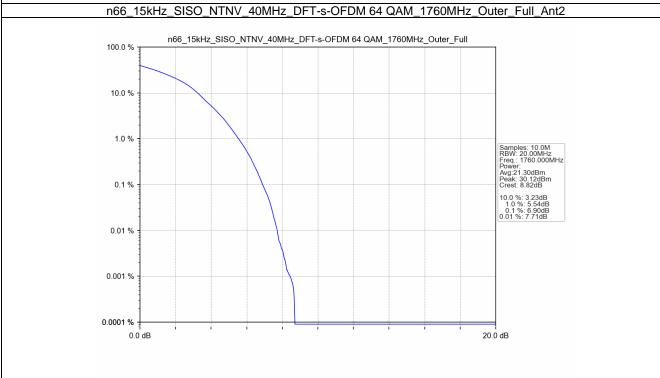


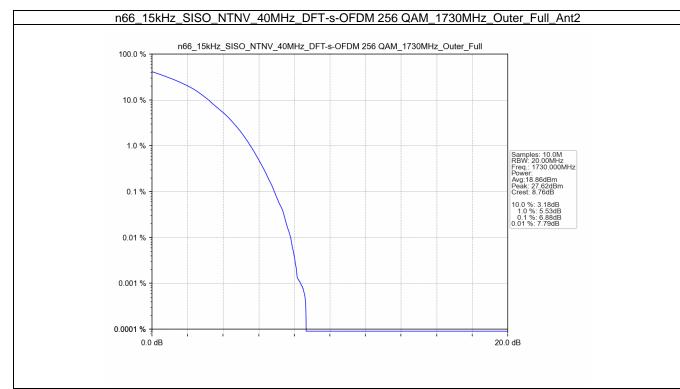




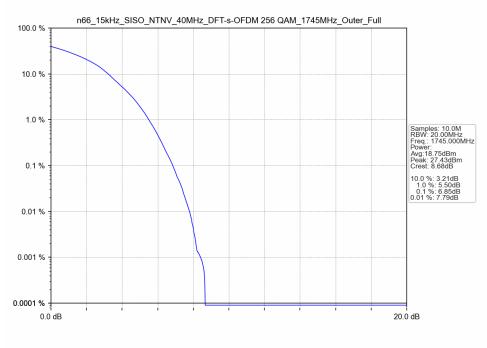


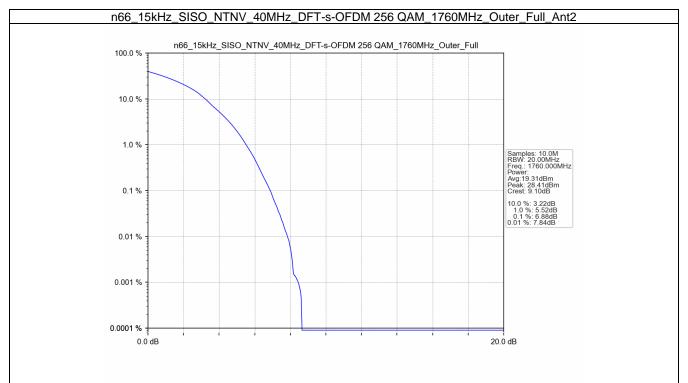


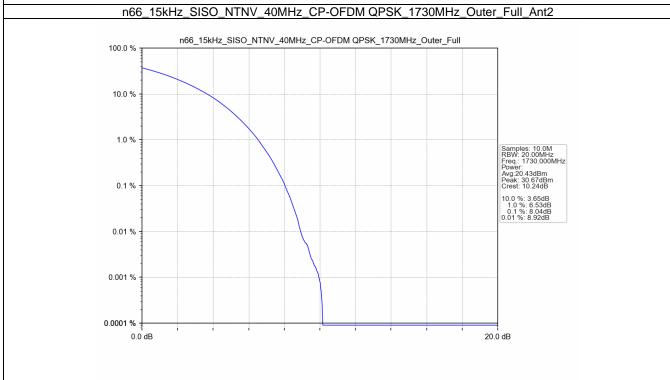


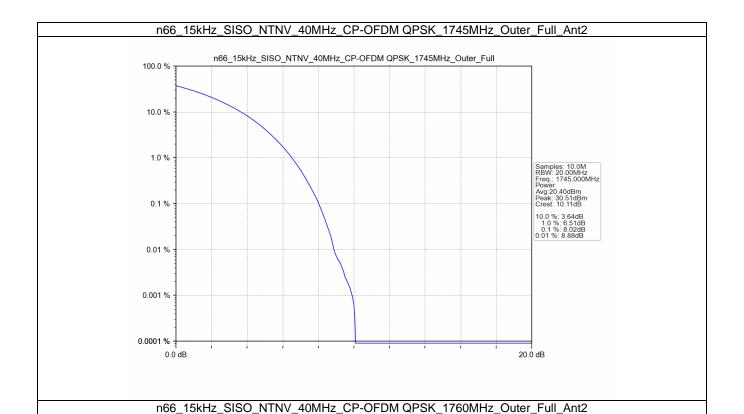


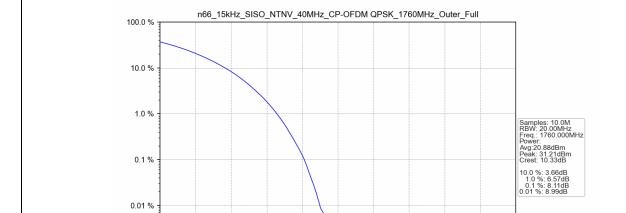








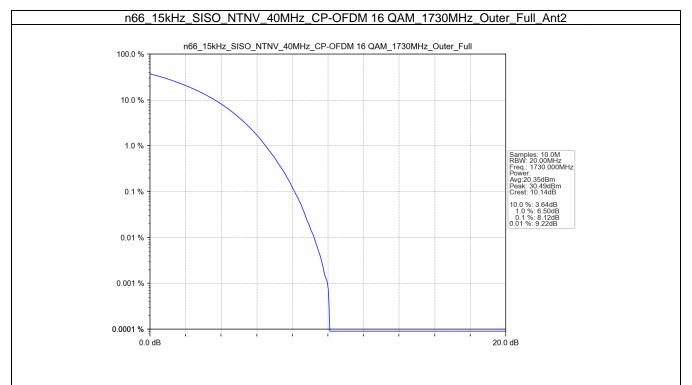


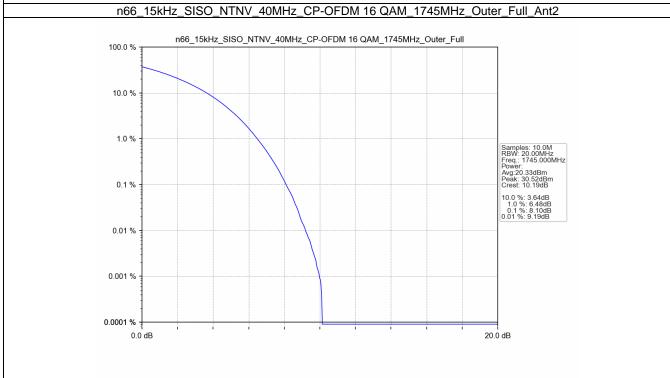


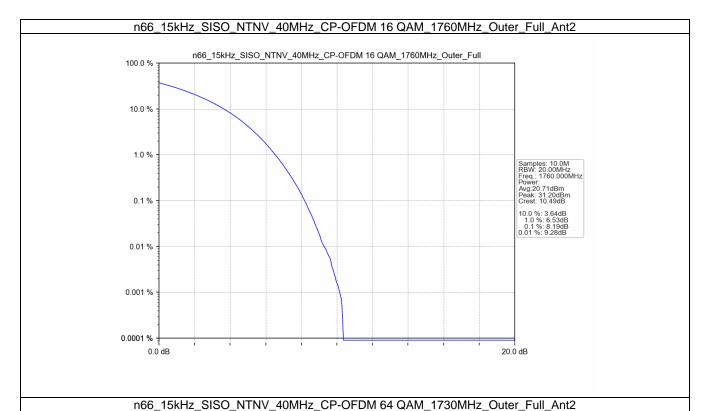
20.0 dB

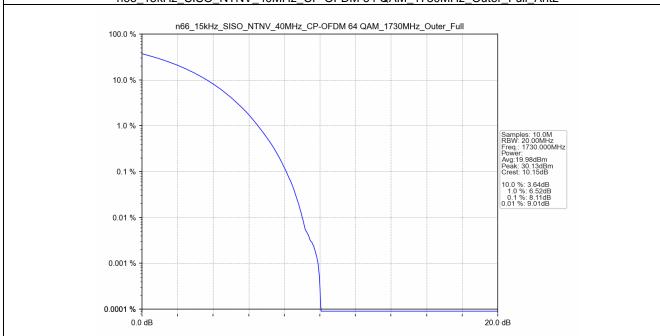
0.001 %

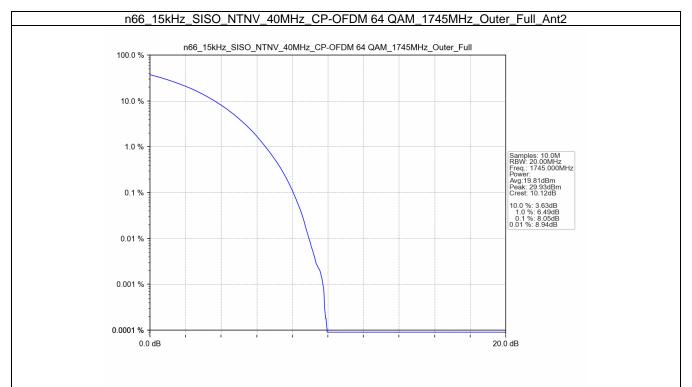
0.0001 % | 0.0 dB

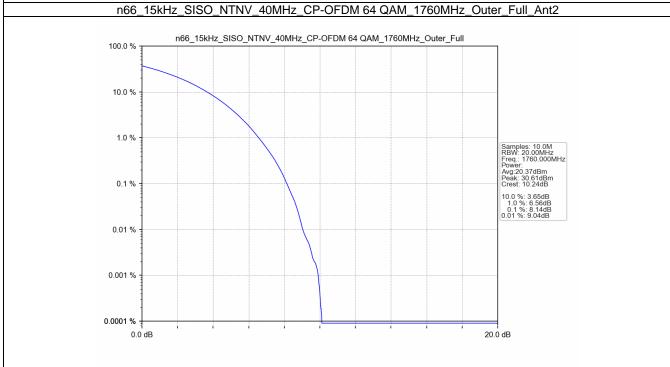


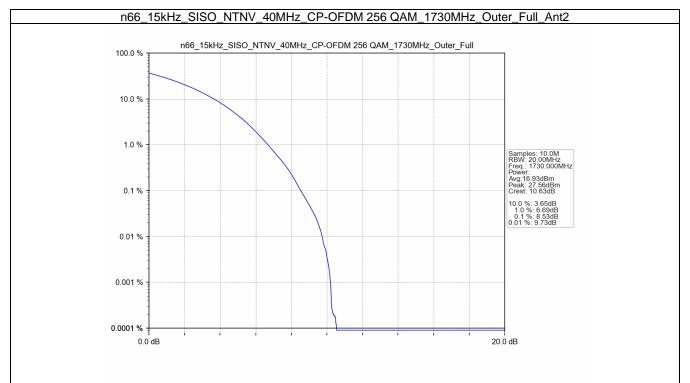


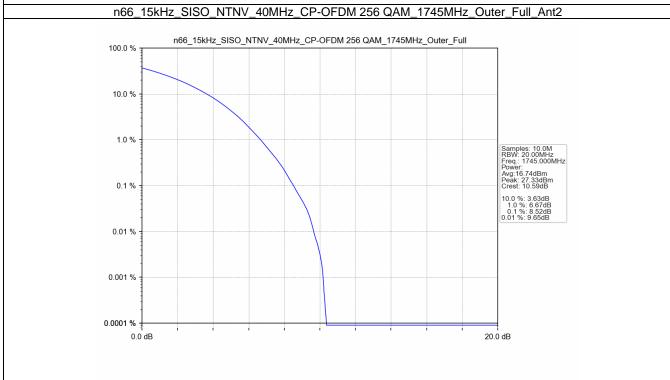


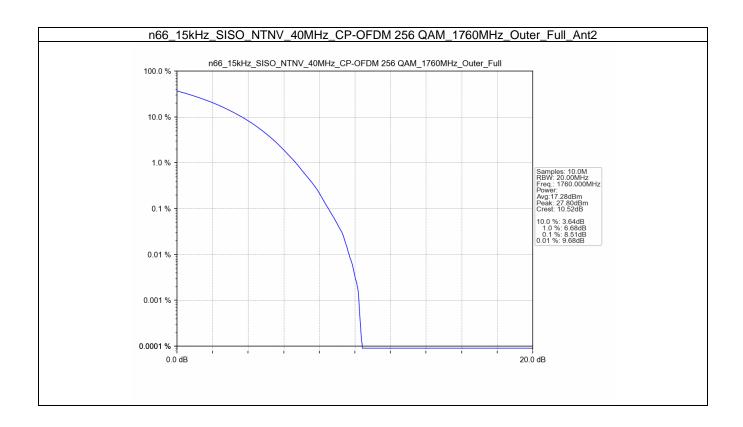












5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

		5G NR n66 SCS=15	kHz SISO 5M	1Hz NTNV			
Modulation	Frequency	RB		Spurious E	Emission		Verdict
Modulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	verdict
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1712.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1777.5	Outer_Full		Pass			
		Inner_1RB_Right		Pass			
	1712.5	Edge_1RB_Left		Refer To Test Graph			
		Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left	Refer To Test Graph Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1745	Edge_1RB_Left		Pass			
		Edge_1RB_Right	Refer To Test Graph			Pass	
	1777.5	Outer_Full		Refer To Test Graph			Pass
		Inner_1RB_Right		Refer To Test Graph			Pass
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1712.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
CP-OFDM QPSK	1745	Edge_1RB_Left		Refer To Te	est Graph	•	Pass
		Edge_1RB_Right	Refer To Test Graph			Pass	
	1777.5	Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Right		Refer To Te	est Graph		Pass

5.1.2 15k_SISO_10MHz_NTNV

		5G NR n66 SCS=15	Hz SISO 10ľ	MHz NTNV			
Madulation	Frequency	RB		Spurious E	mission		\/ordiot
Modulation	(MHz)	Allocation	Ant2	Limit	Verdict		
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1715	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left			Pass		
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1775	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right		Pass			
		Edge_1RB_Left	Refer To Test Graph				Pass
	1715	Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left		Refer To Test Graph			Pass
DFT-s-OFDM QPSK	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1775	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Right		Refer To Te	est Graph		Pass
	·	Edge_1RB_Left		Refer To Te	est Graph	•	Pass
CP-OFDM QPSK	1715	Outer_Full	Refer To Test Graph			Pass	
CF-OFDIVI QFSK		Inner_1RB_Left	Refer To Test Graph			Pass	
	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass

	Edge_1RB_Right	Refer To Test Graph	Pass
1775	Outer_Full	Refer To Test Graph	Pass
	Inner_1RB_Right	Refer To Test Graph	Pass

5.1.3 15k_SISO_15MHz_NTNV

		5G NR n66 SCS=15k	Hz SISO 15	MHz NTNV			
Modulation	Frequency	RB		Spurious I	Emission		Verdict
Modulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	verdict
		Edge_1RB_Left		Refer To To	est Graph		Pass
	1717.5	Outer_Full		Refer To To	est Graph		Pass
		Inner_1RB_Left		Refer To To	est Graph		Pass
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left		Refer To To	est Graph		Pass
		Edge_1RB_Right		Refer To To	est Graph		Pass
	1772.5	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right		Pass			
	1717.5	Edge_1RB_Left		Refer To Test Graph			
		Outer_Full		Refer To To	est Graph		Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1745	Edge_1RB_Left		Pass			
		Edge_1RB_Right	Refer To Test Graph				Pass
	1772.5	Outer_Full		Refer To Test Graph			Pass
		Inner_1RB_Right		Refer To Test Graph			Pass
		Edge_1RB_Left		Refer To To	est Graph		Pass
	1717.5	Outer_Full		Refer To To	est Graph		Pass
		Inner_1RB_Left		Refer To To	est Graph		Pass
CP-OFDM QPSK	1745	Edge_1RB_Left		Refer To To	est Graph	•	Pass
	1772.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	·	Refer To To	est Graph		Pass

5.1.4 15k_SISO_20MHz_NTNV

		5G NR n66 SCS=15	Hz SISO 20N	MHz NTNV				
Modulation	Frequency	RB		Spurious E	mission		Verdict	
Modulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	verdict	
		Edge_1RB_Left		Refer To Te	est Graph		Pass	
	1720	Outer_Full		Refer To Te	est Graph		Pass	
		Inner_1RB_Left		Refer To Te	est Graph		Pass	
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass	
		Edge_1RB_Right		Refer To Te	est Graph		Pass	
	1770	Outer_Full		Pass				
		Inner_1RB_Right		Pass				
	1720	Edge_1RB_Left	Refer To Test Graph			Pass		
		Outer_Full		Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass		
DFT-s-OFDM QPSK	1745	Edge_1RB_Left		Pass				
		Edge_1RB_Right		Refer To Test Graph			Pass	
	1770	Outer_Full	Refer To Test Graph			Pass		
		Inner_1RB_Right		Refer To Test Graph			Pass	
		Edge_1RB_Left		Refer To Te	est Graph		Pass	
	1720	Outer_Full		Refer To Te	est Graph		Pass	
CP-OFDM QPSK		Inner_1RB_Left		Refer To Te	est Graph		Pass	
CF-OFDIM QPSK	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass	
	1770	Edge_1RB_Right	Refer To Test Graph				Pass	
	1770	Outer_Full		Refer To Test Graph				

Inner_1RB_Right	Refer To Test Graph	Pass

5.1.5 15k_SISO_25MHz_NTNV

		5G NR n66 SCS=15	Hz SISO 25	MHz NTNV			
Modulation	Frequency	RB		Spurious E	Emission		Verdict
Wodulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	verdict
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1722.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left	Refer To Test Graph				
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1767.5	Outer_Full		Pass			
		Inner_1RB_Right		Pass			
		Edge_1RB_Left		Refer To Test Graph			Pass
	1722.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left	Refer To Test Graph			Pass	
DFT-s-OFDM QPSK	1745	Edge_1RB_Left		Pass			
		Edge_1RB_Right		Refer To Test Graph			Pass
	1767.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Right		Refer To Te	est Graph		Pass
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1722.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
CP-OFDM QPSK	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass
		Edge_1RB_Right	Refer To Test Graph			Pass	
	1767.5	Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Right		Refer To Te	est Graph	•	Pass

5.1.6 15k_SISO_30MHz_NTNV

		5G NR n66 SCS=15k	Hz SISO 30N	/Hz NTNV			
Modulation	Frequency	RB		Spurious E	mission		Verdict
Modulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	verdict
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1725	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left	Refer To Test Graph				
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1765	Outer_Full		Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass	
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1725	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Test Graph			Pass
DFT-s-OFDM QPSK	1745	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right		Refer To Test Graph			Pass
	1765	Outer_Full		Refer To Test Graph			Pass
		Inner_1RB_Right		Refer To Te	est Graph		Pass
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1725	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
CP-OFDM QPSK	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass
	•	Edge_1RB_Right		Refer To Te	est Graph		Pass
	1765	Outer_Full		Refer To Test Graph			Pass
		Inner_1RB_Right		Refer To Te	est Graph	•	Pass

5.1.7 15k_SISO_35MHz_NTNV

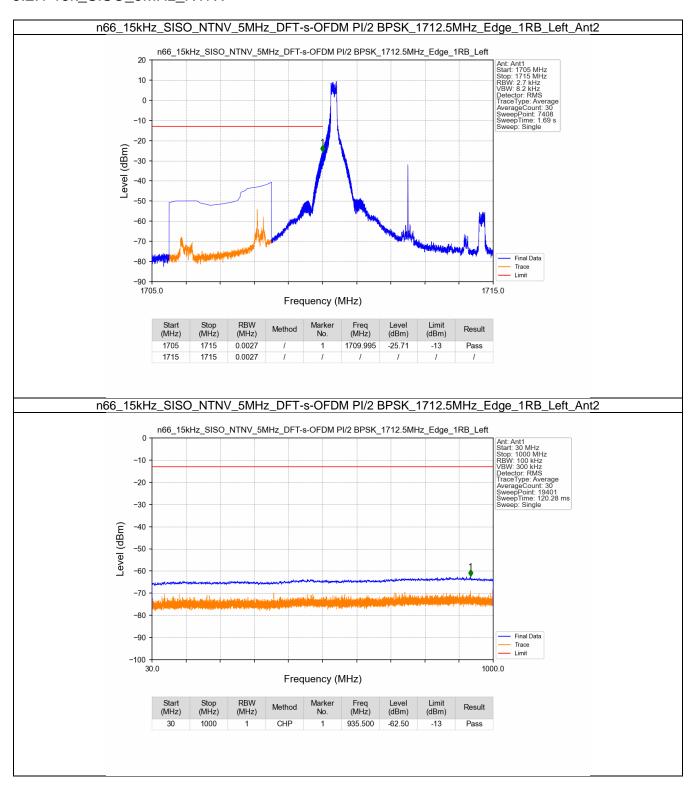
		5G NR n66 SCS=15	Hz SISO 35N	MHz NTNV			
Modulation	Frequency	RB		Spurious E	mission		Verdict
Modulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	verdict
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1727.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left		Pass			
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1762.5	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right		Pass			
	1727.5	Edge_1RB_Left		Refer To Test Graph			Pass
		Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left	Refer To Test Graph			Pass	
DFT-s-OFDM QPSK	1745	Edge_1RB_Left		Pass			
		Edge_1RB_Right		Refer To Test Graph			Pass
	1762.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Right		Refer To Test Graph			Pass
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1727.5	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
CP-OFDM QPSK	1745	Edge_1RB_Left		Refer To Te	est Graph		Pass
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1762.5	Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Right		Pass			

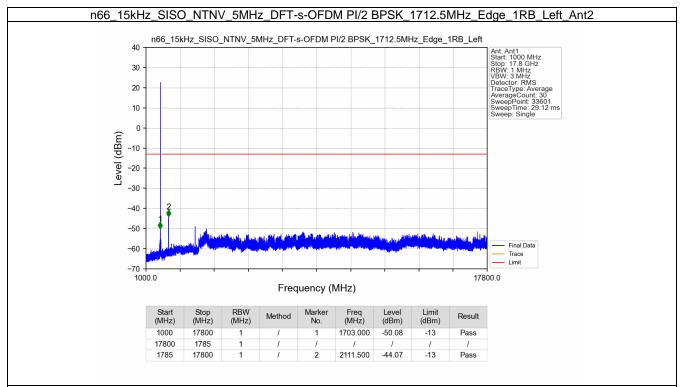
5.1.8 15k_SISO_40MHz_NTNV

		5G NR n66 SCS=15	Hz SISO 40N	ИHz NTNV			
Modulation	Frequency	RB		Spurious E	mission		Verdict
Modulation	(MHz)	Allocation	Ant2	Ant2	Sum	Limit	Verdict
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1730	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
DFT-s-OFDM PI/2 BPSK	1745	Edge_1RB_Left		Pass			
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1760	Outer_Full		Refer To Test Graph			
		Inner_1RB_Right		Pass			
	1730	Edge_1RB_Left		Refer To Test Graph			Pass
		Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left	Refer To Test Graph			Pass	
DFT-s-OFDM QPSK	1745	Edge_1RB_Left		Pass			
		Edge_1RB_Right		Refer To Test Graph			Pass
	1760	Outer_Full		Refer To Test Graph			Pass
		Inner_1RB_Right		Refer To Te	est Graph		Pass
		Edge_1RB_Left		Refer To Te	est Graph		Pass
	1730	Outer_Full		Refer To Te	est Graph		Pass
		Inner_1RB_Left		Refer To Te	est Graph		Pass
CP-OFDM QPSK	1745	Edge_1RB_Left		Refer To Te	est Graph	·	Pass
		Edge_1RB_Right		Refer To Te	est Graph		Pass
	1760	Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Right		Refer To Te	est Graph		Pass

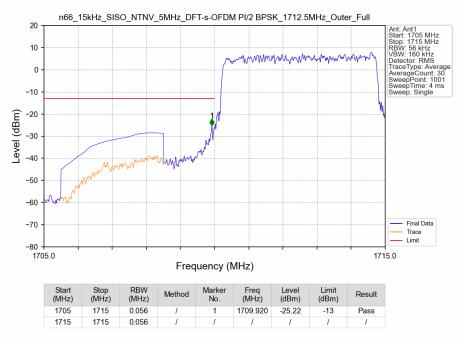
5.2 Test Graph

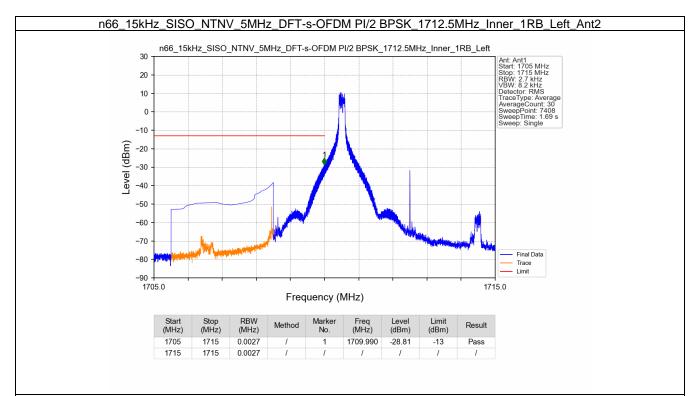
5.2.1 15k_SISO_5MHz_NTNV

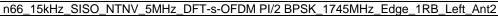


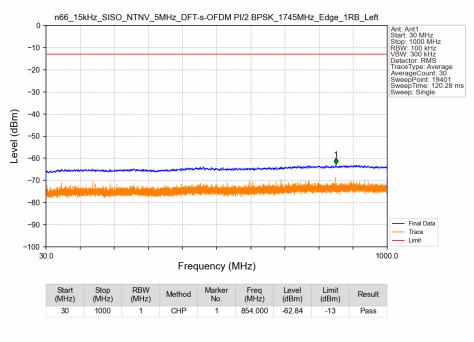


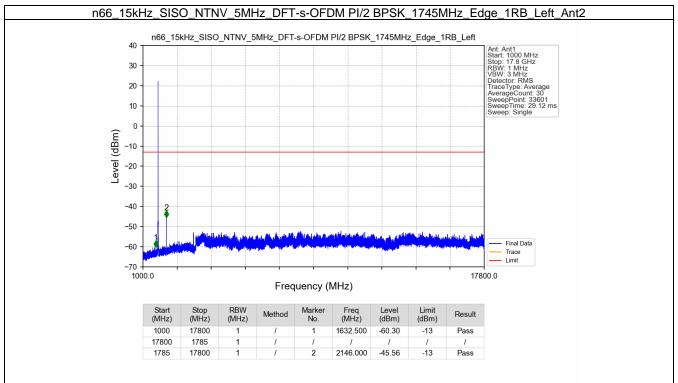
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1712.5MHz_Outer_Full_Ant2



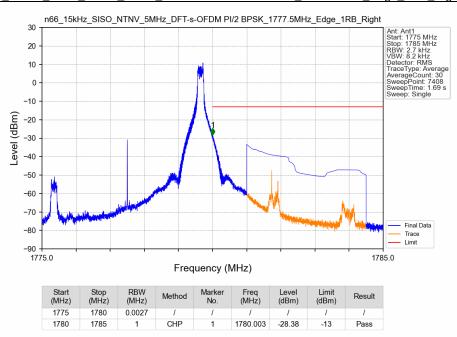


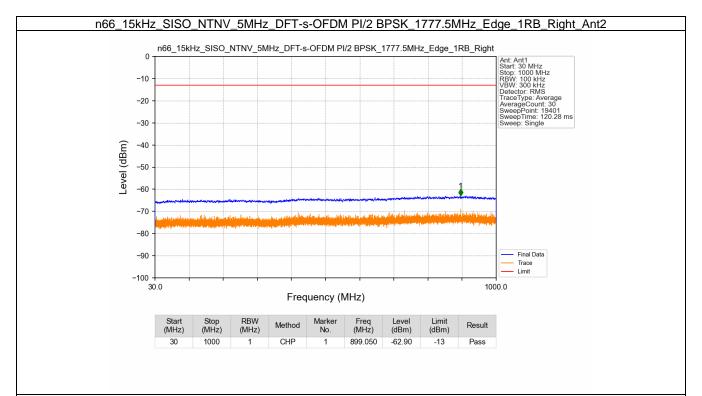


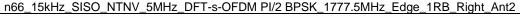


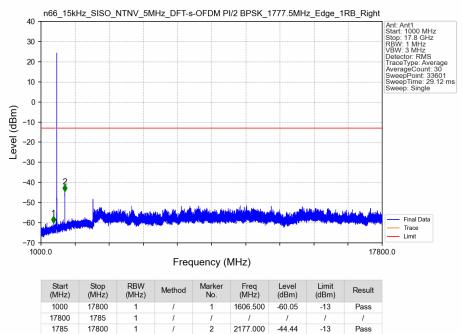


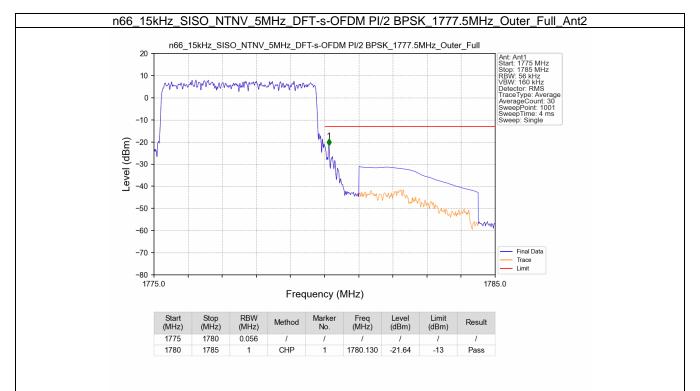
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Edge_1RB_Right_Ant2



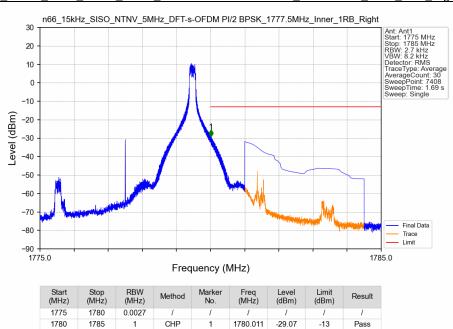


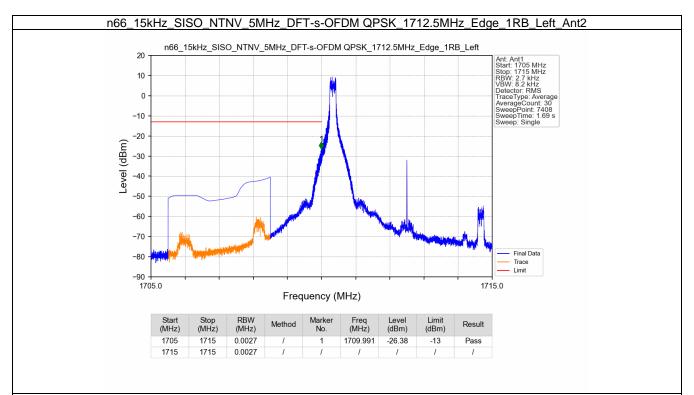




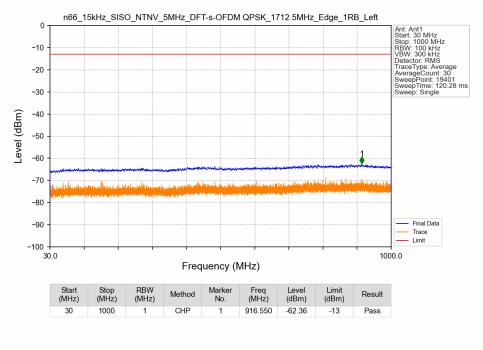


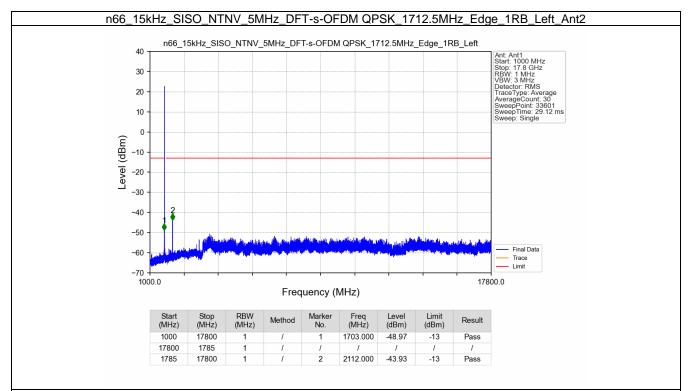




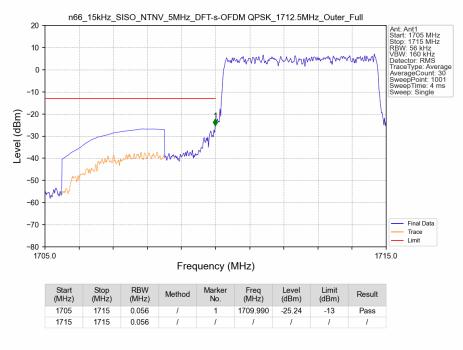


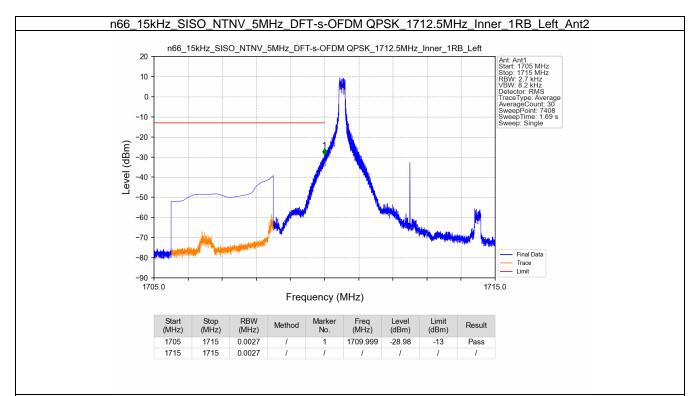




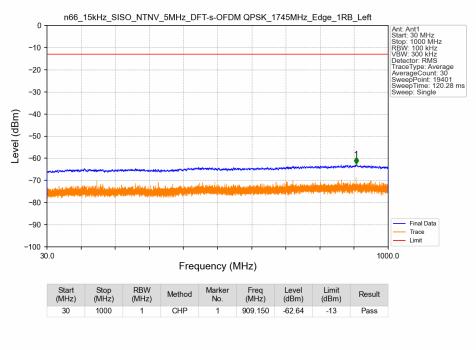


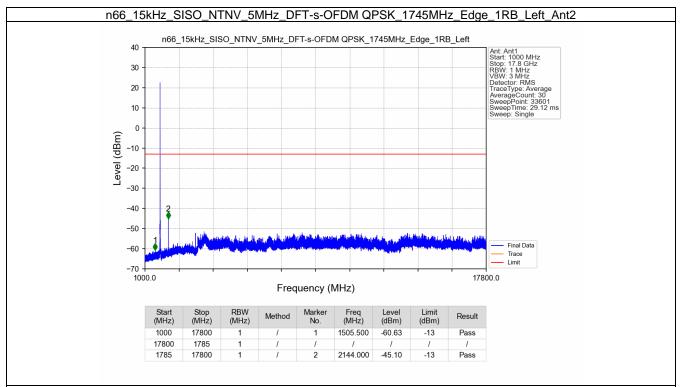
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Outer_Full_Ant2



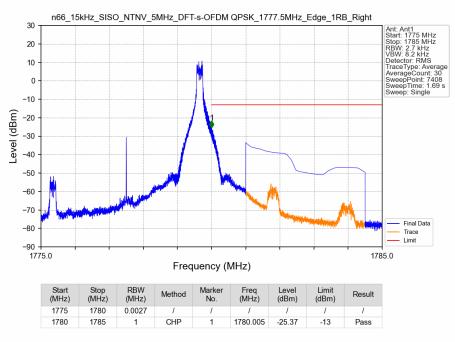


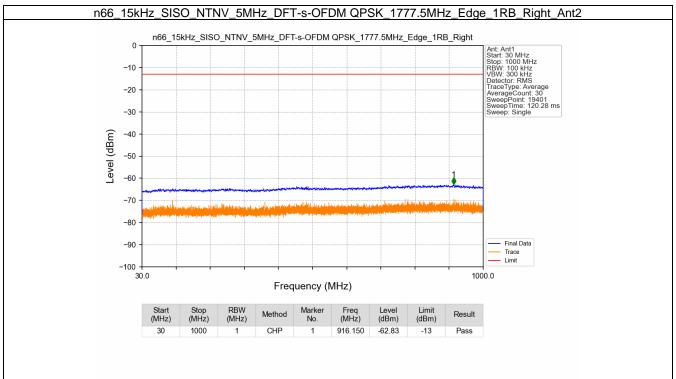


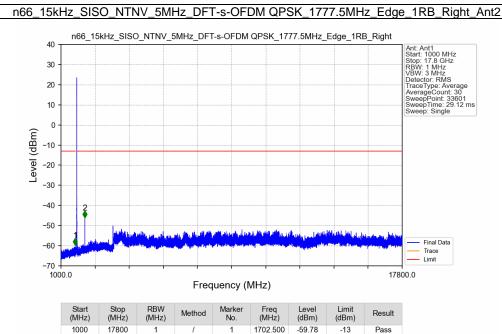




n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Edge_1RB_Right_Ant2







2178.500

-46.01

-13

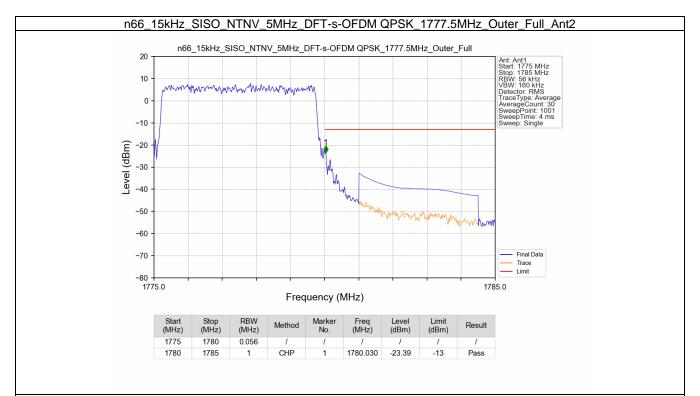
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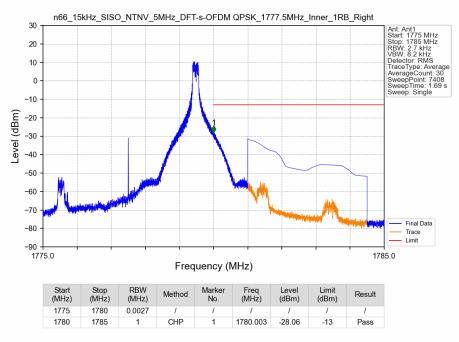
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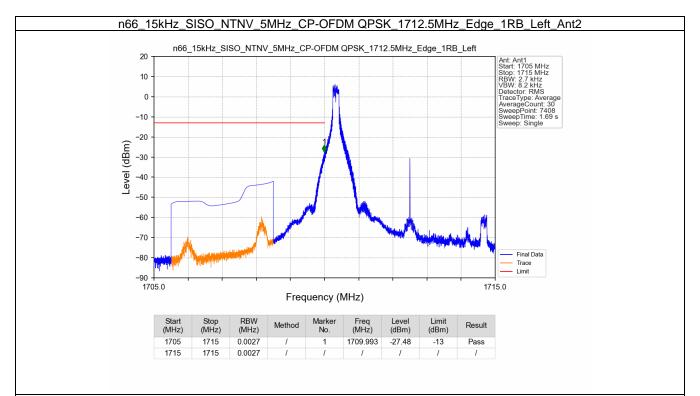
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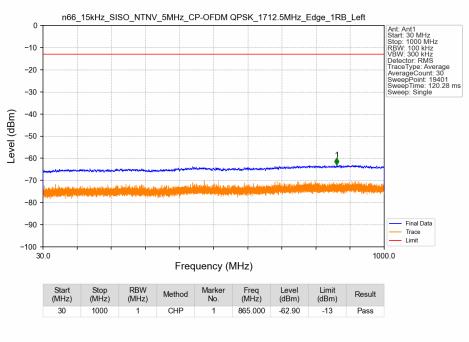


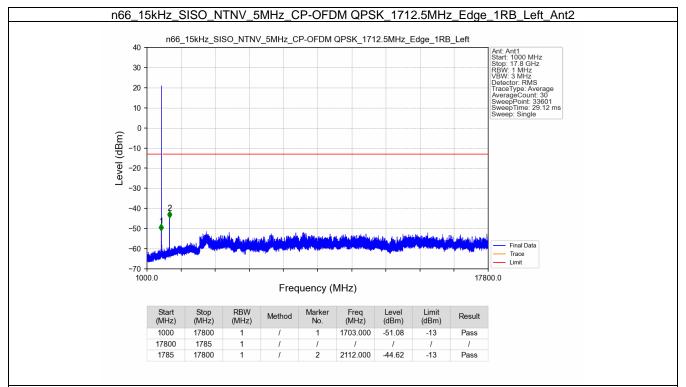
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Inner_1RB_Right_Ant2



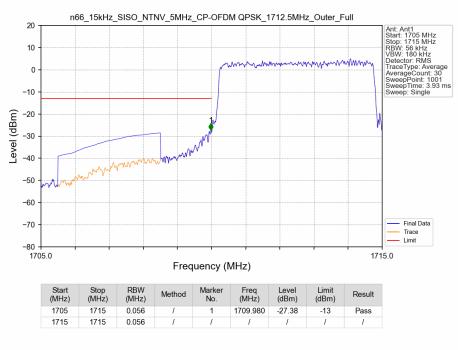


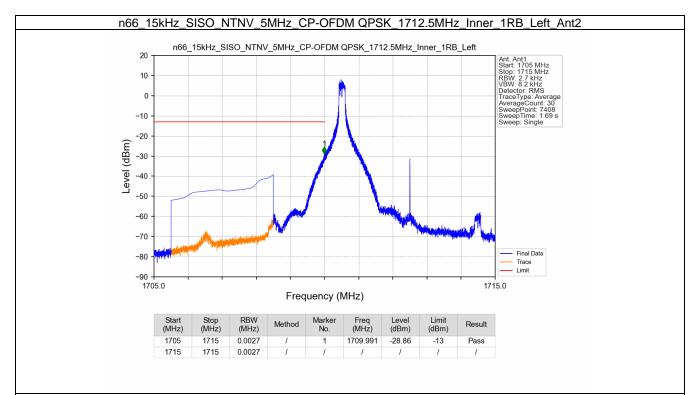
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Edge_1RB_Left_Ant2



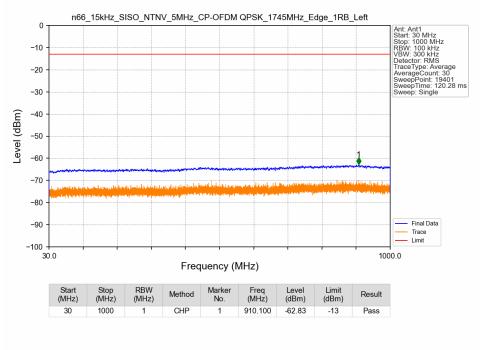


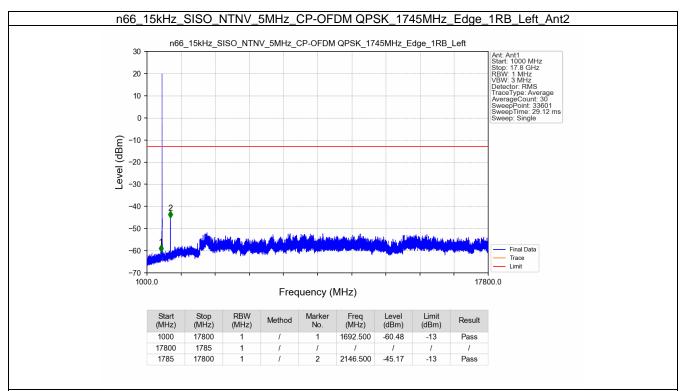
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Outer_Full_Ant2



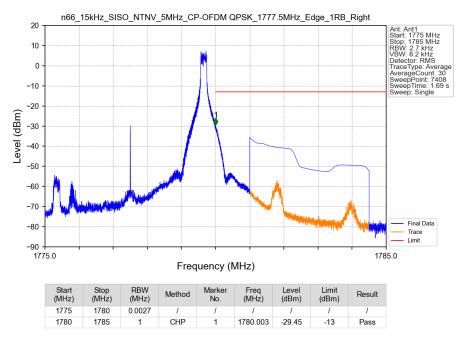


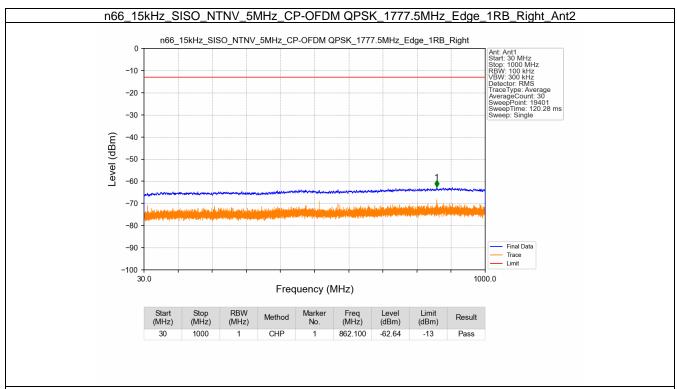


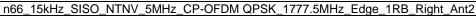


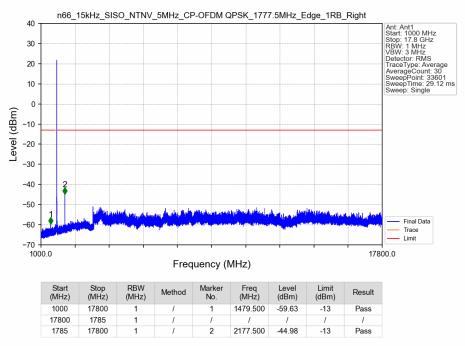


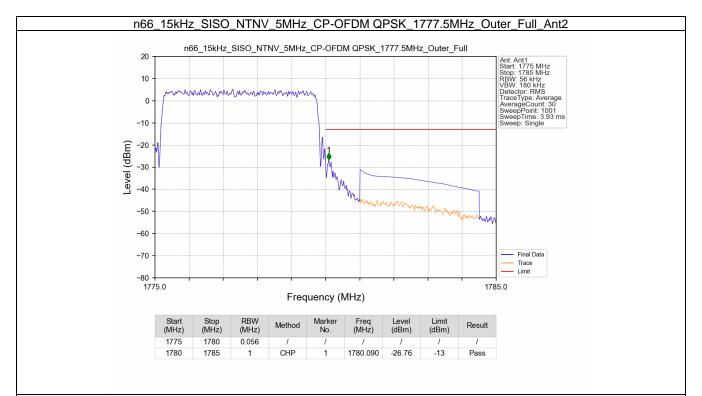
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1777.5MHz_Edge_1RB_Right_Ant2



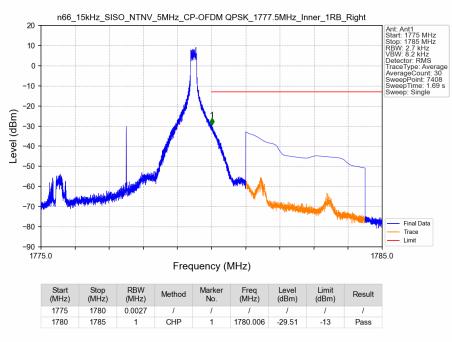




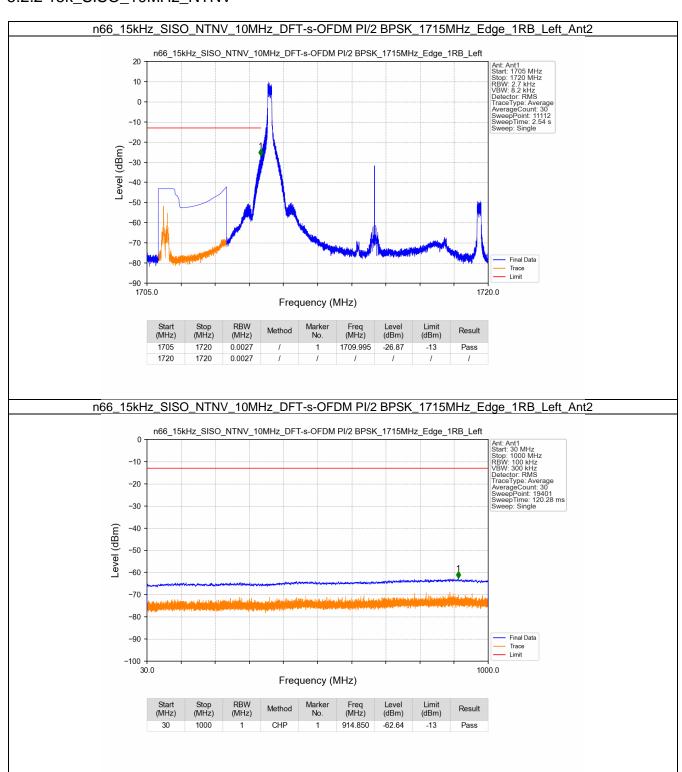


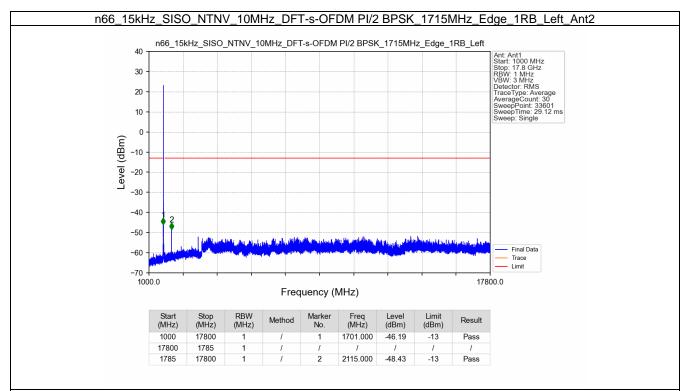




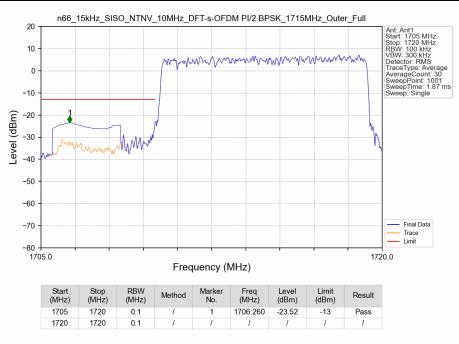


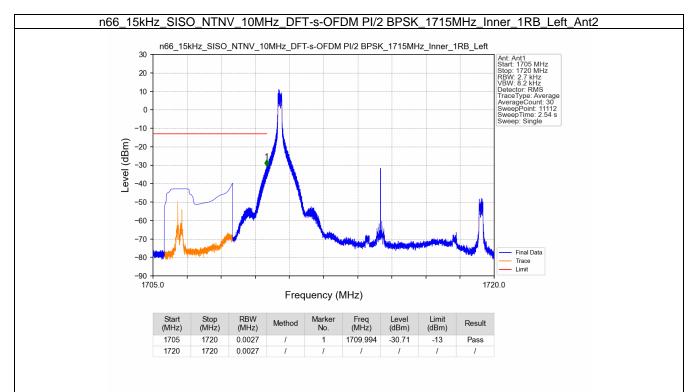
5.2.2 15k_SISO_10MHz_NTNV

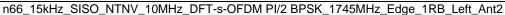


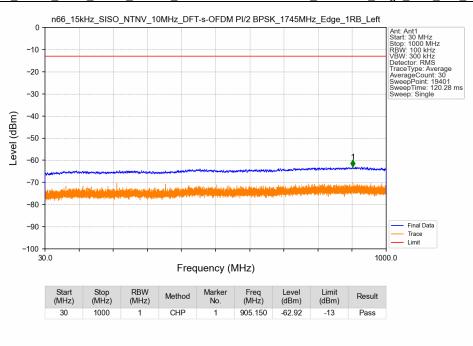


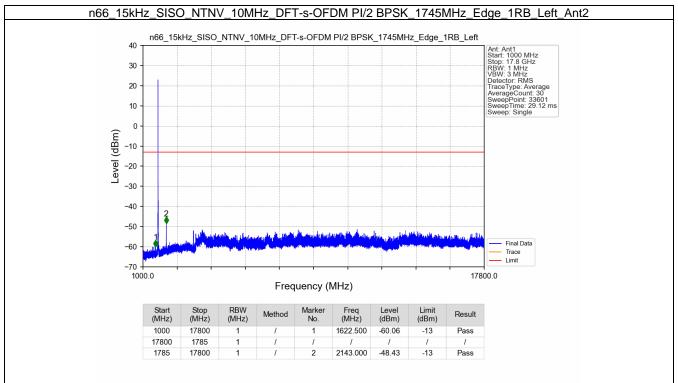




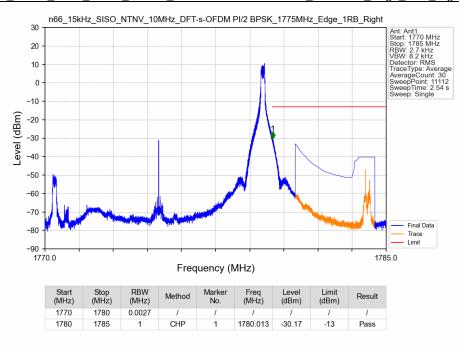


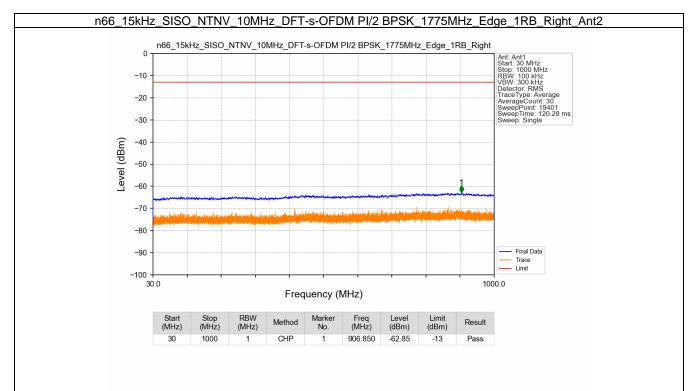




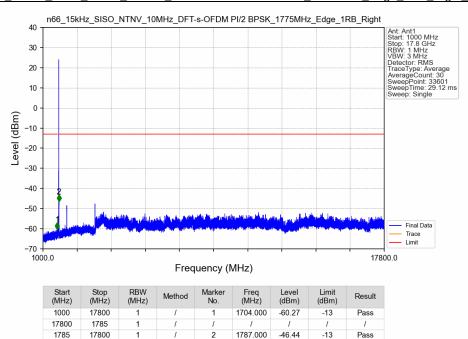


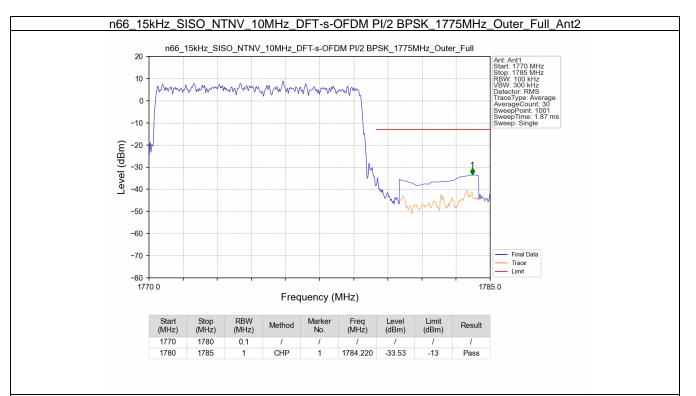
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Edge_1RB_Right_Ant2



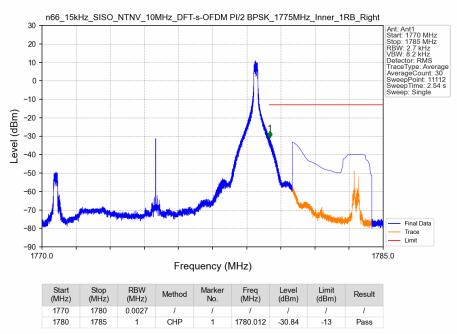


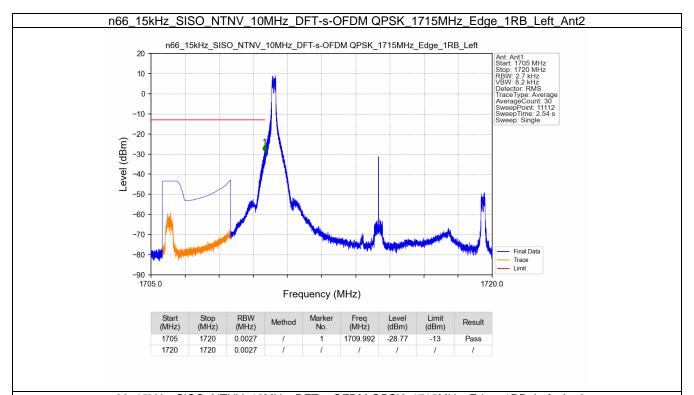




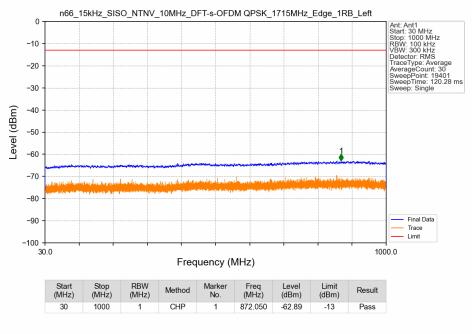


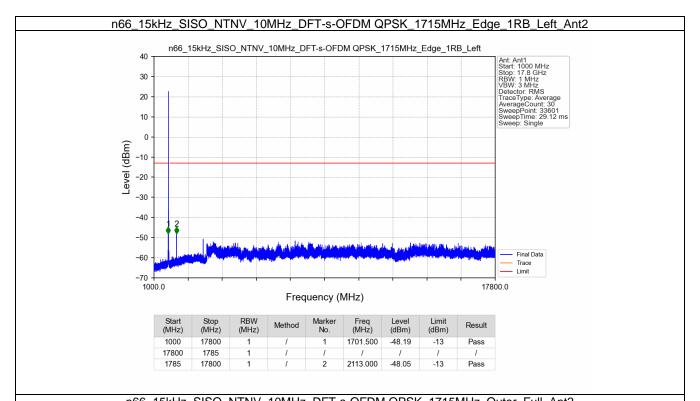
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Inner_1RB_Right_Ant2



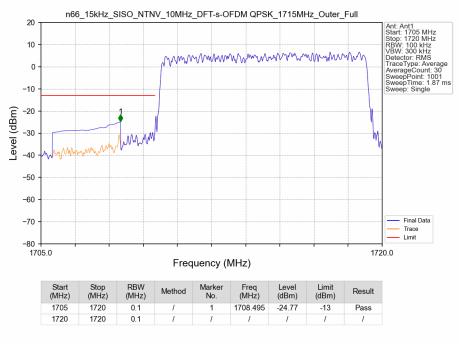


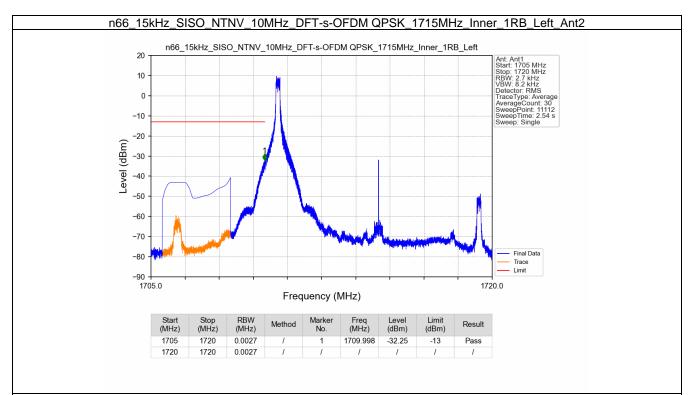




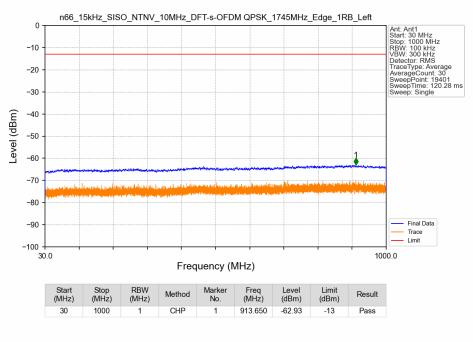


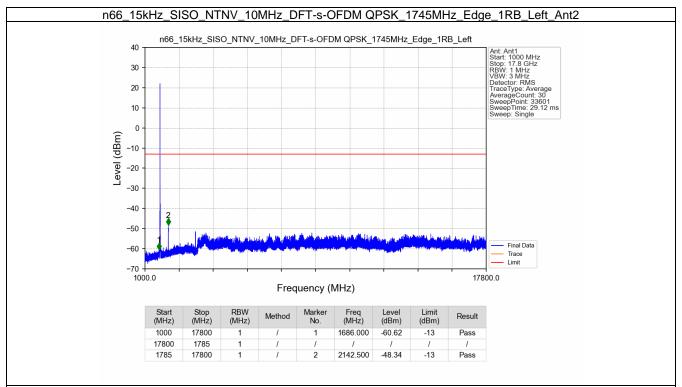
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1715MHz_Outer_Full_Ant2



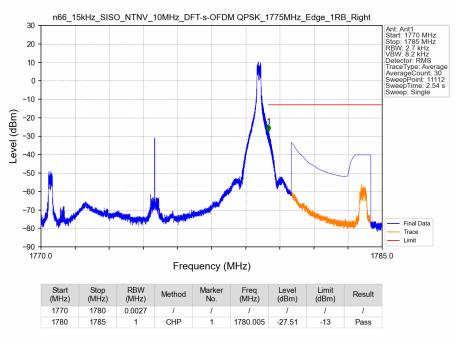


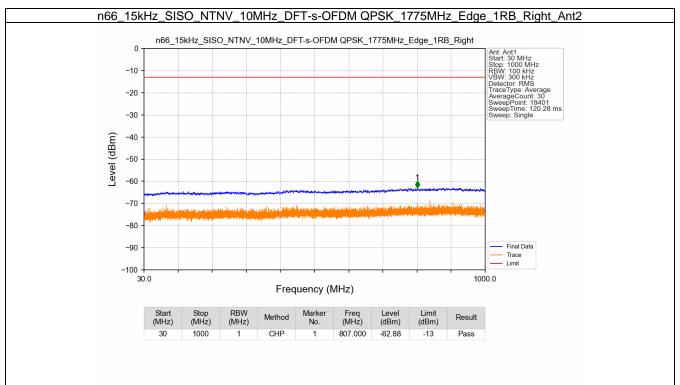


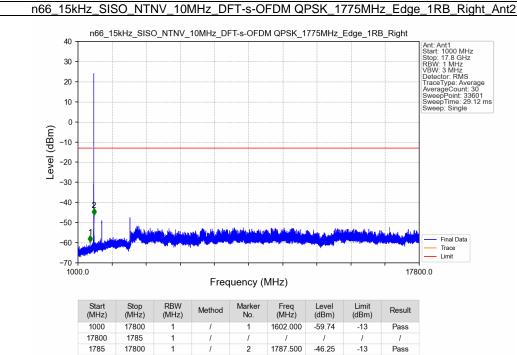


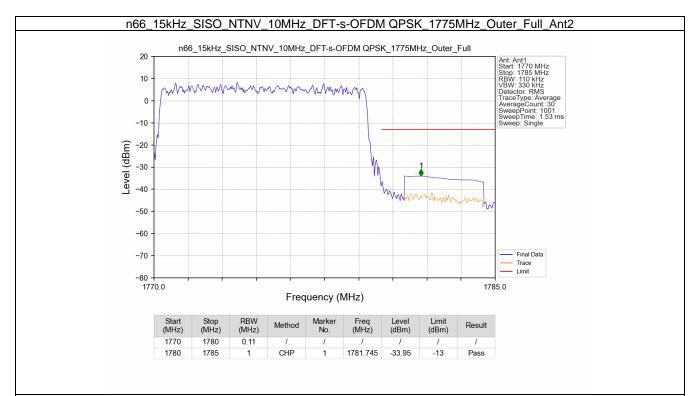


n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1775MHz_Edge_1RB_Right_Ant2

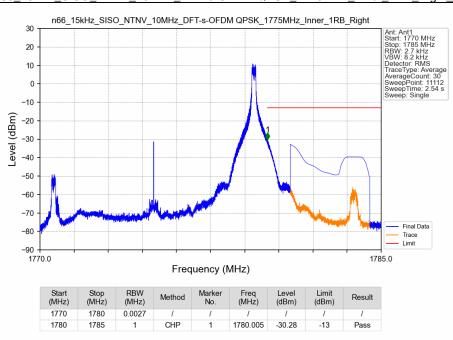


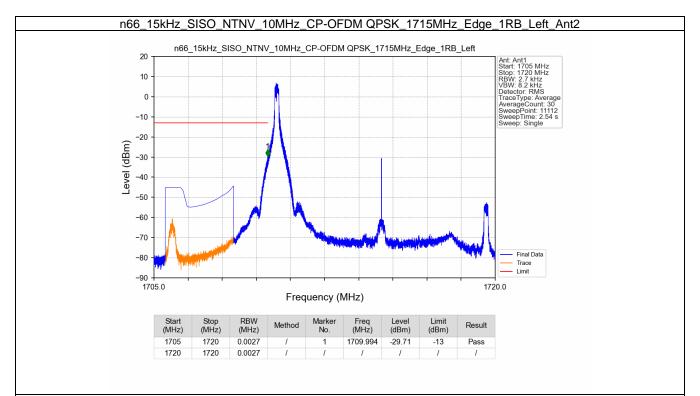




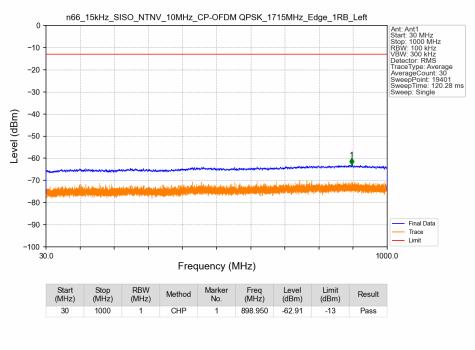


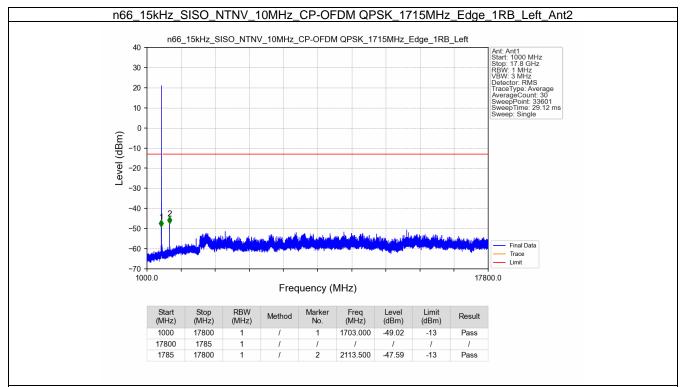




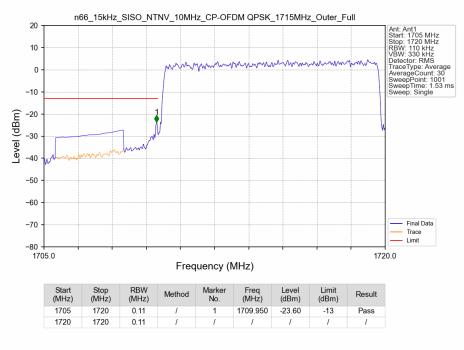


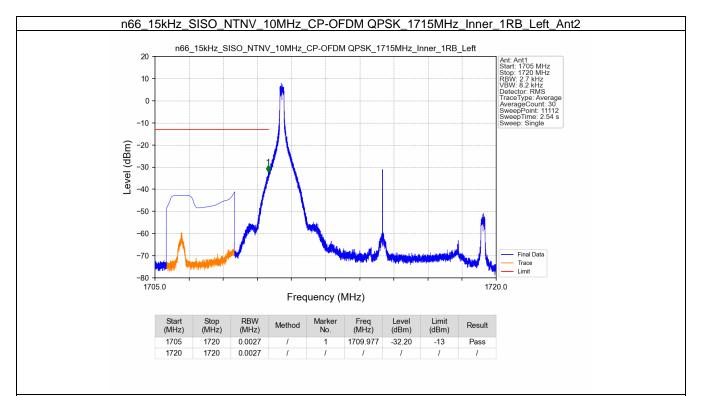




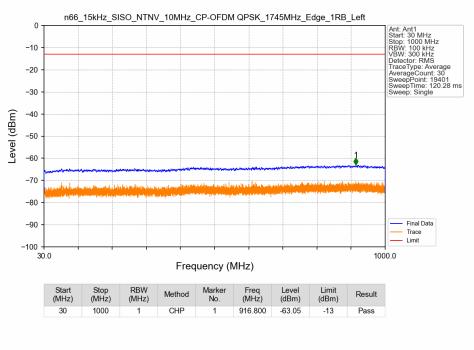


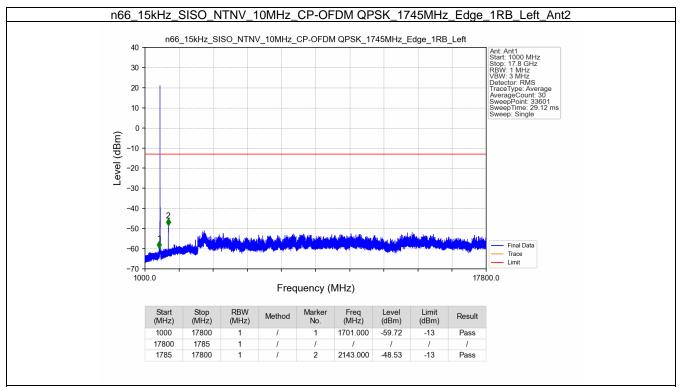
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1715MHz_Outer_Full_Ant2











n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1775MHz_Edge_1RB_Right_Ant2

