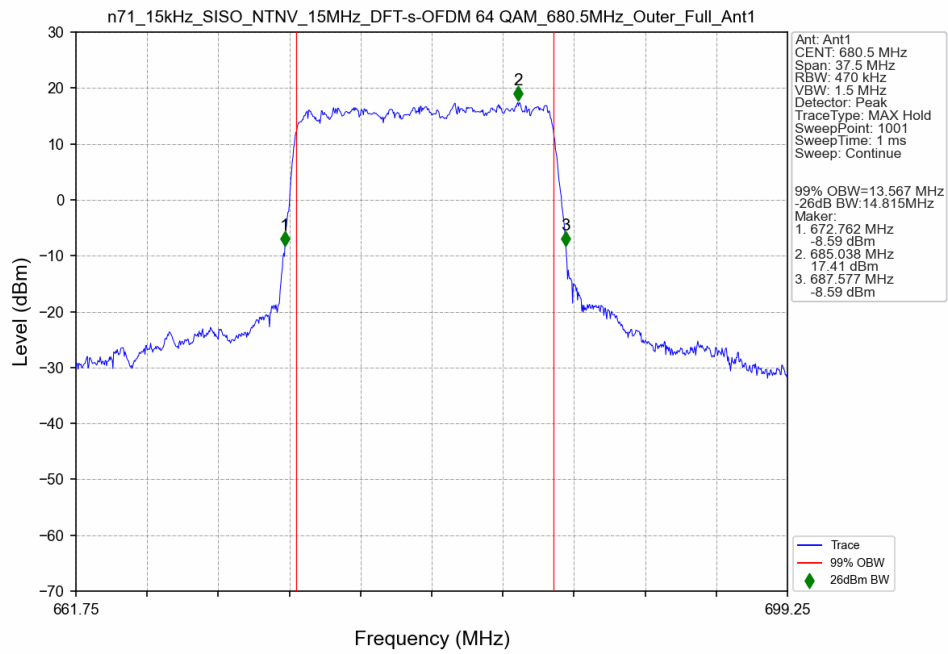
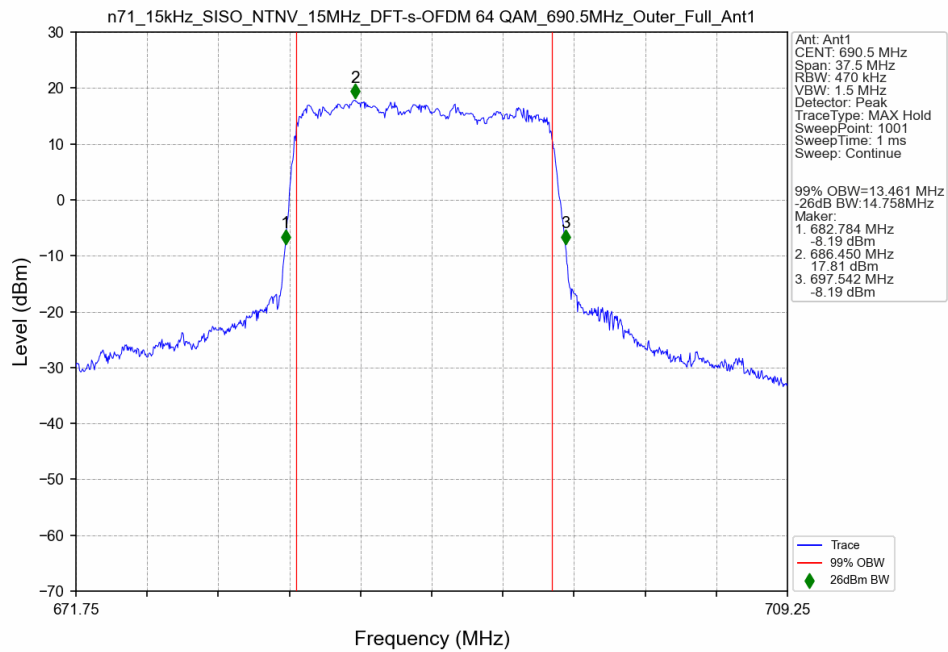


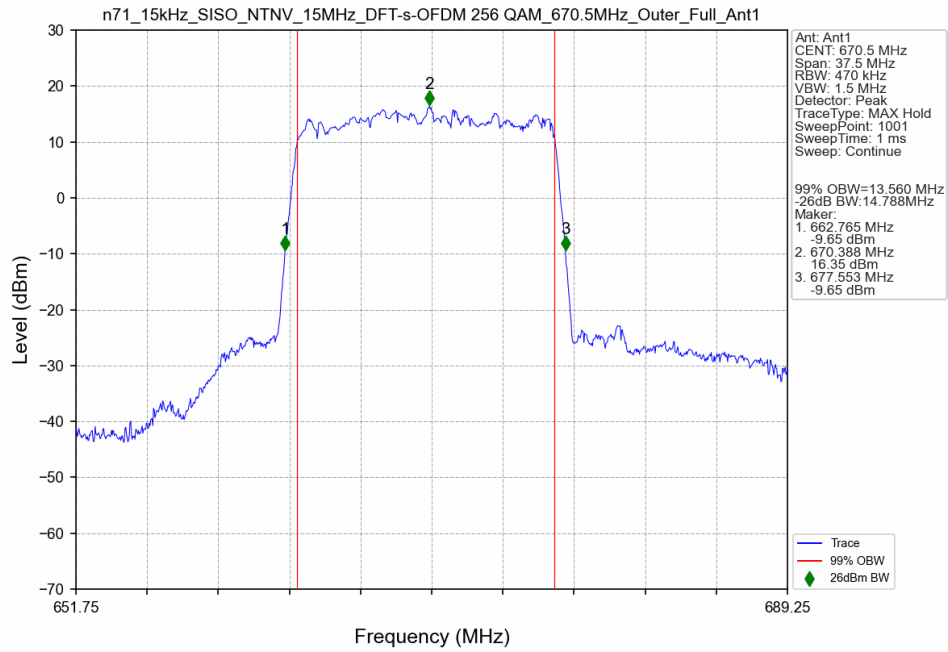
n71_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



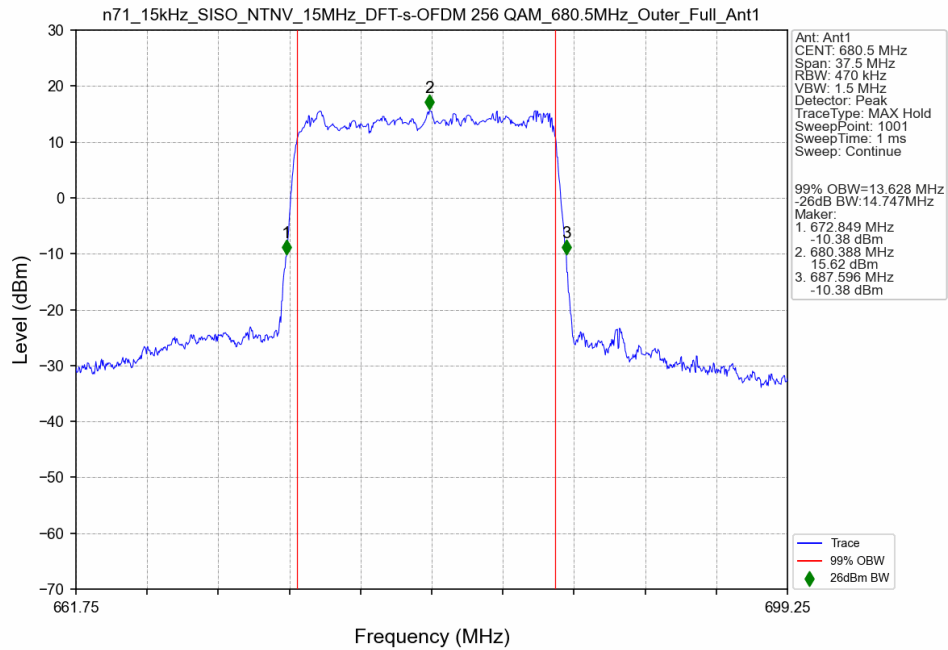
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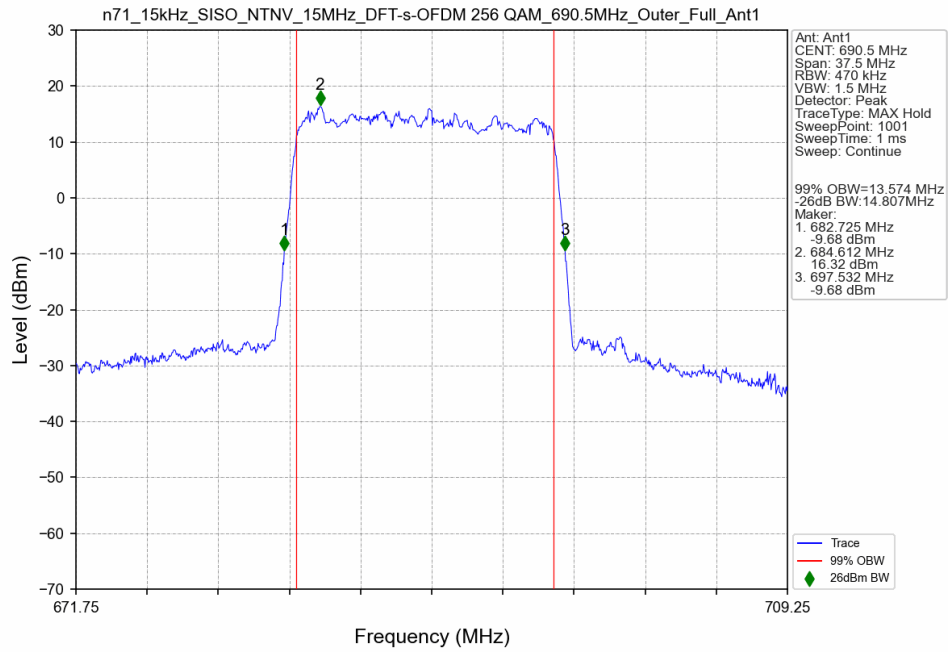
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 670.5MHz Outer Full Ant1



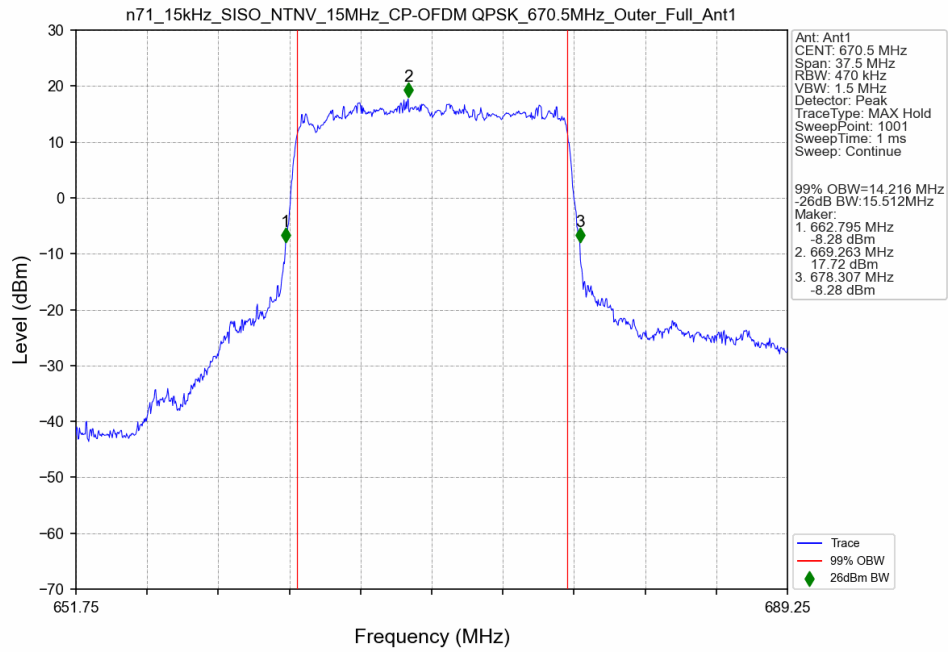
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 680.5MHz Outer Full Ant1



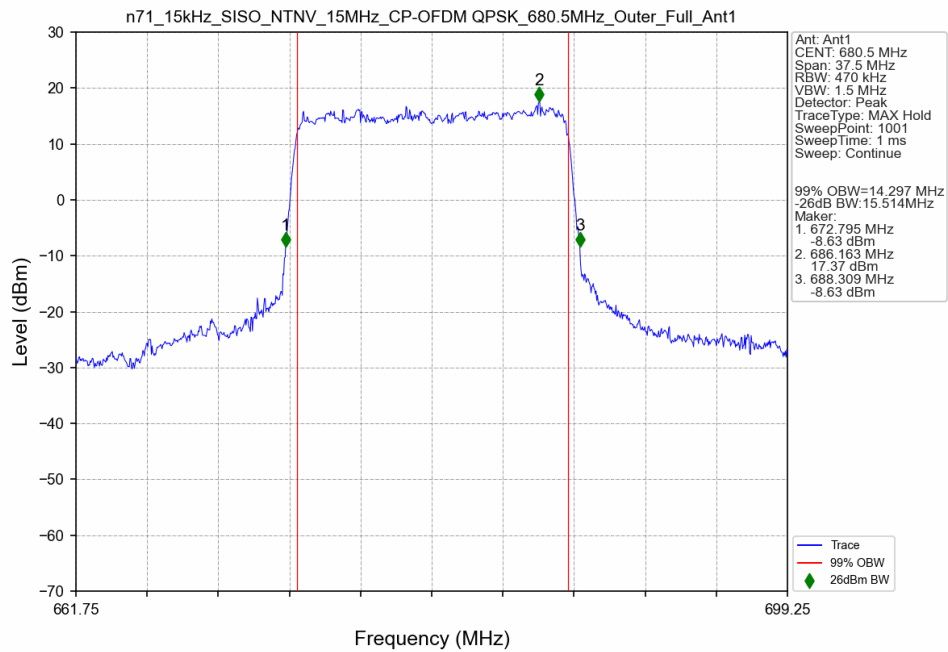
n71 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 690.5MHz Outer Full Ant1



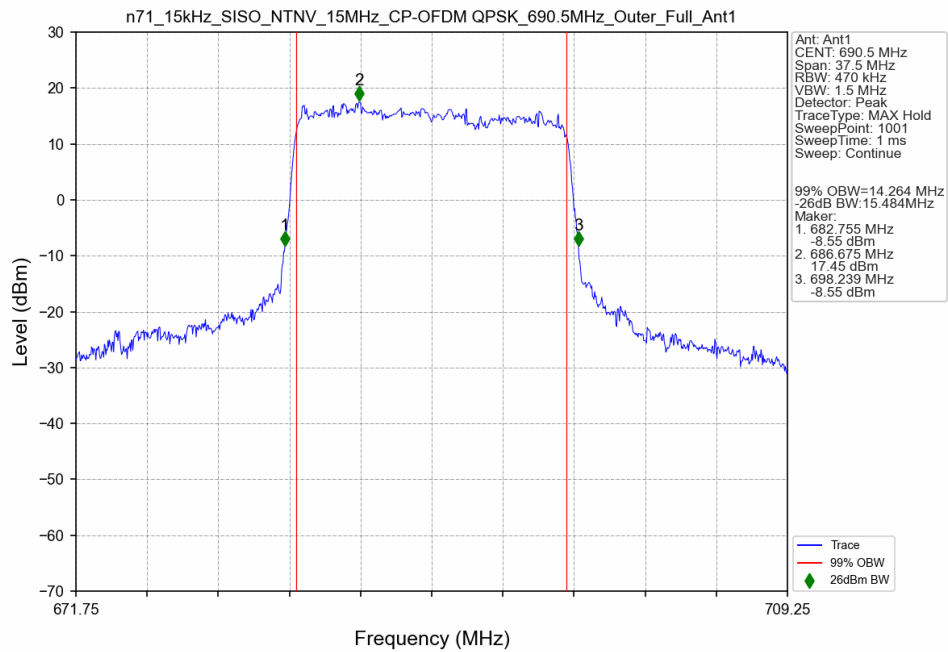
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 670.5MHz Outer Full Ant1



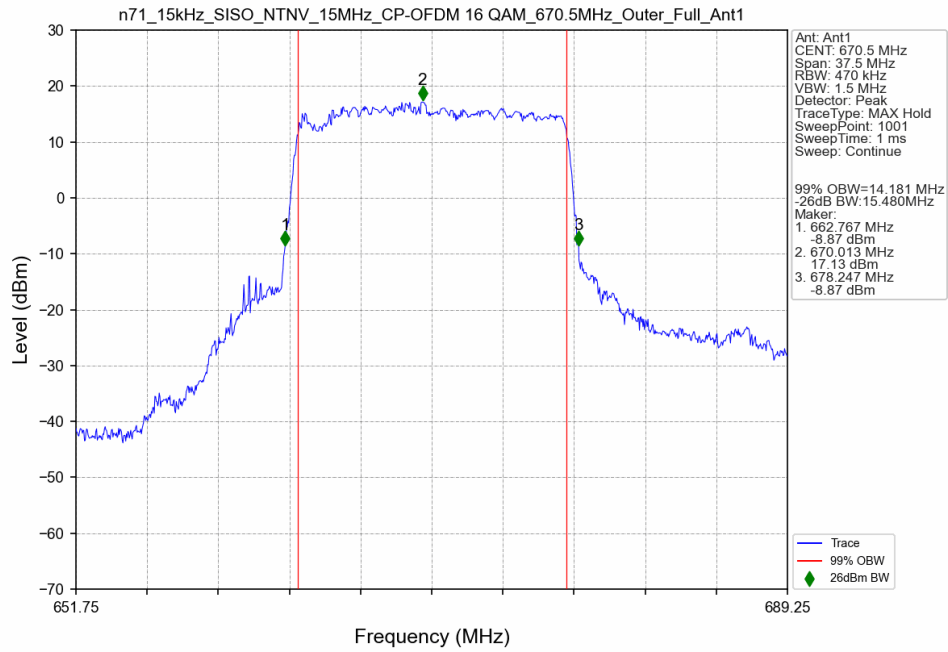
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



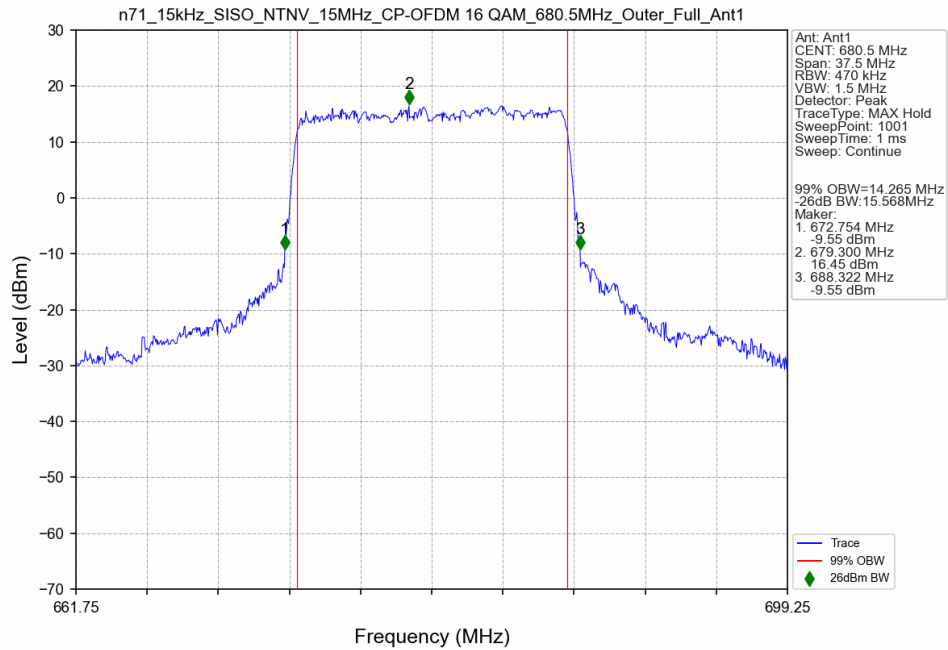
n71 15kHz SISO NTN 15MHz CP-OFDM QPSK 690.5MHz Outer Full Ant1



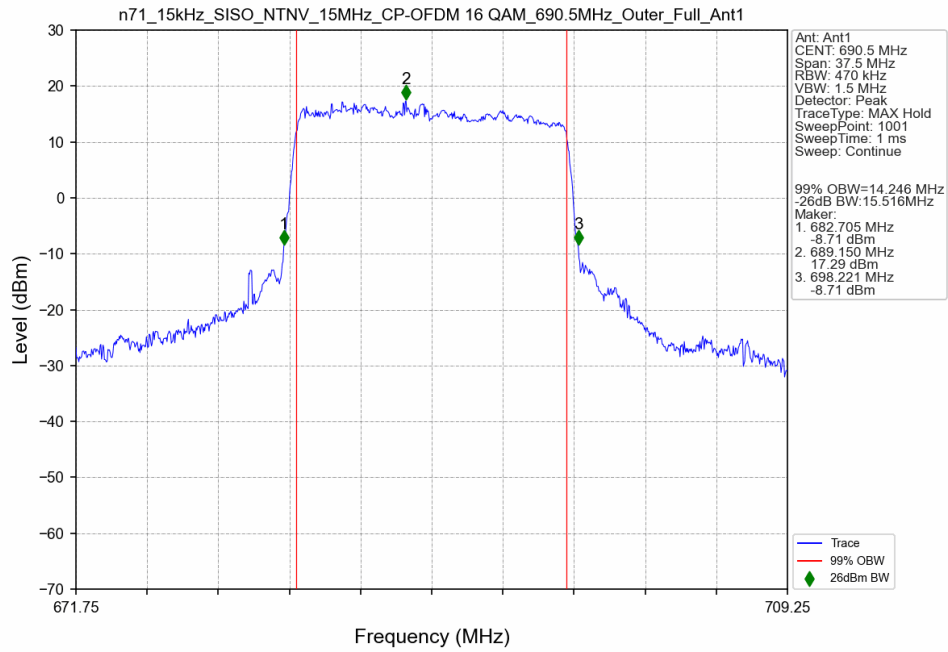
n71_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_670.5MHz_Outer_Full_Ant1



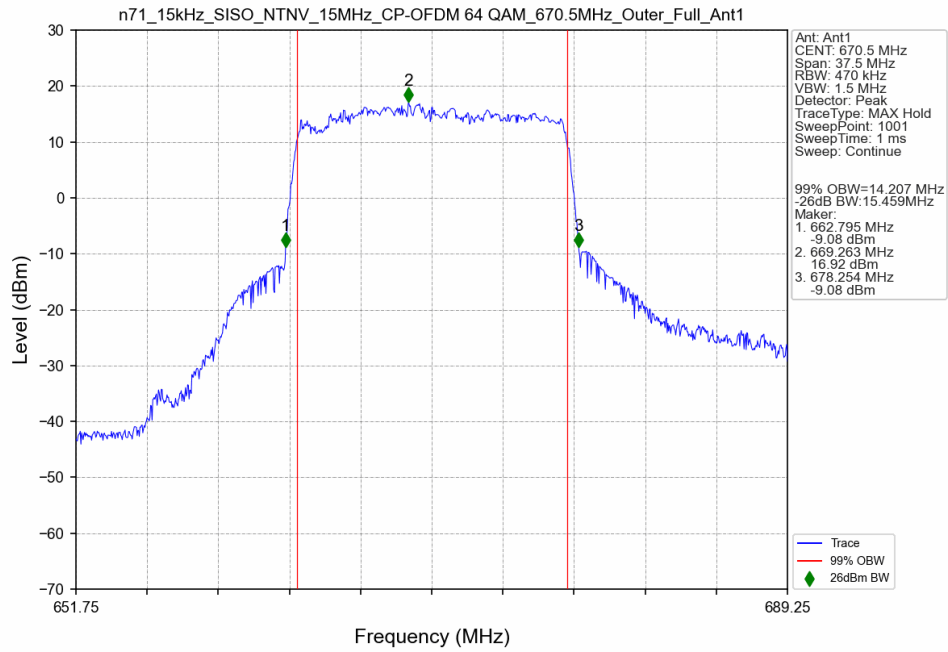
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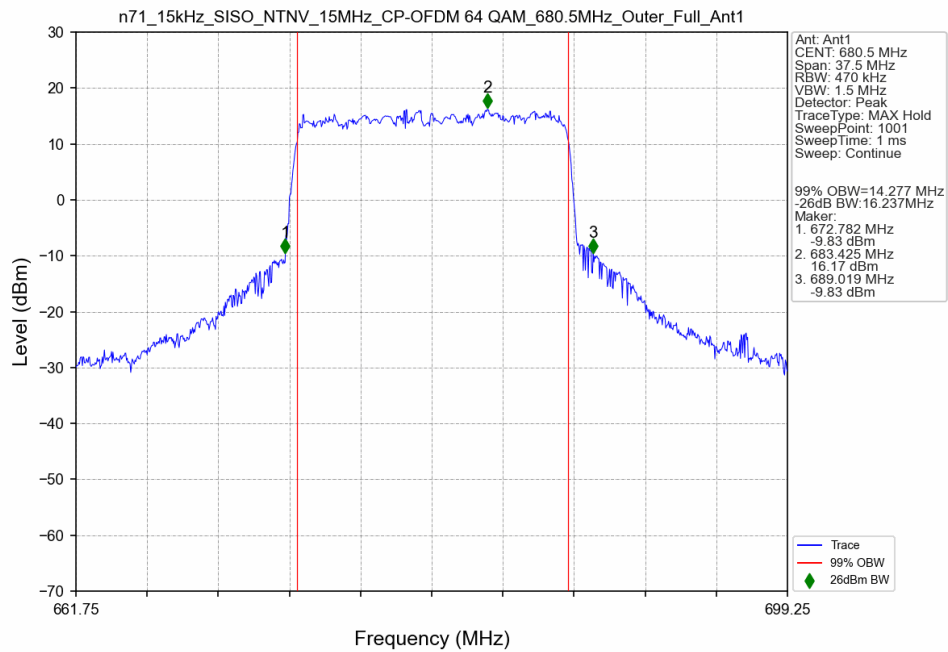
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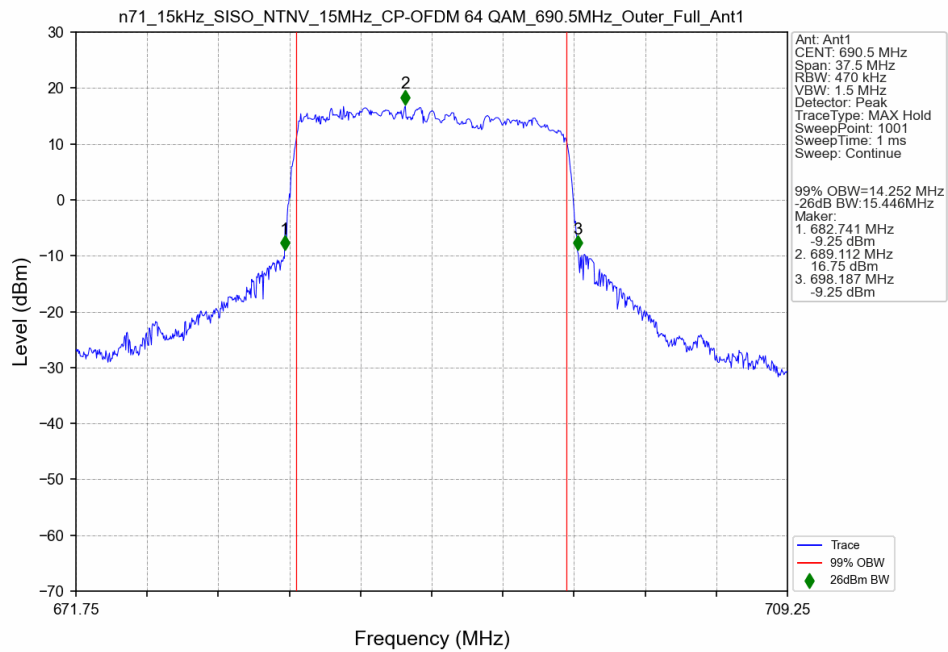
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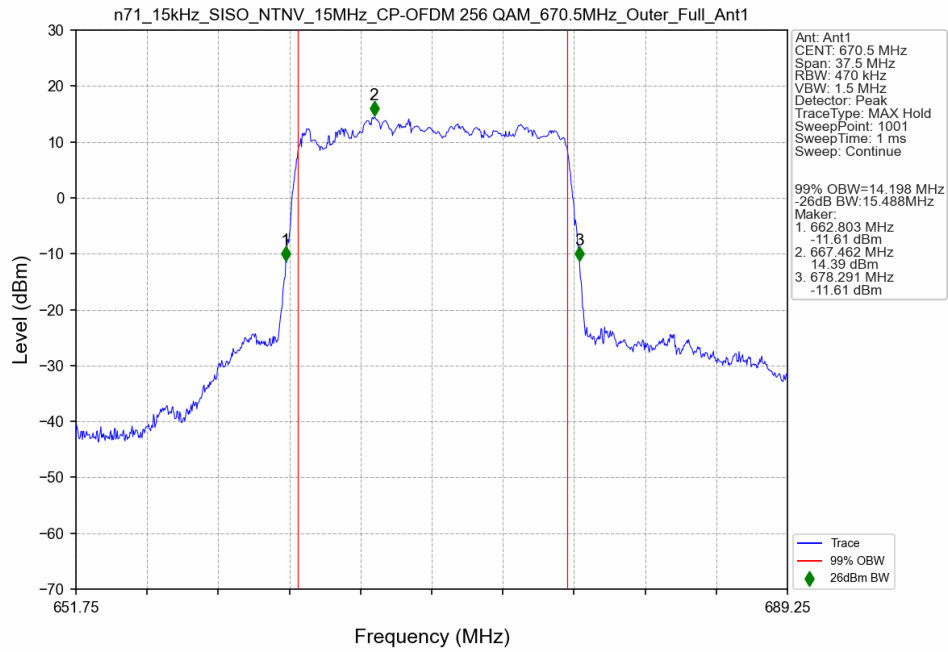
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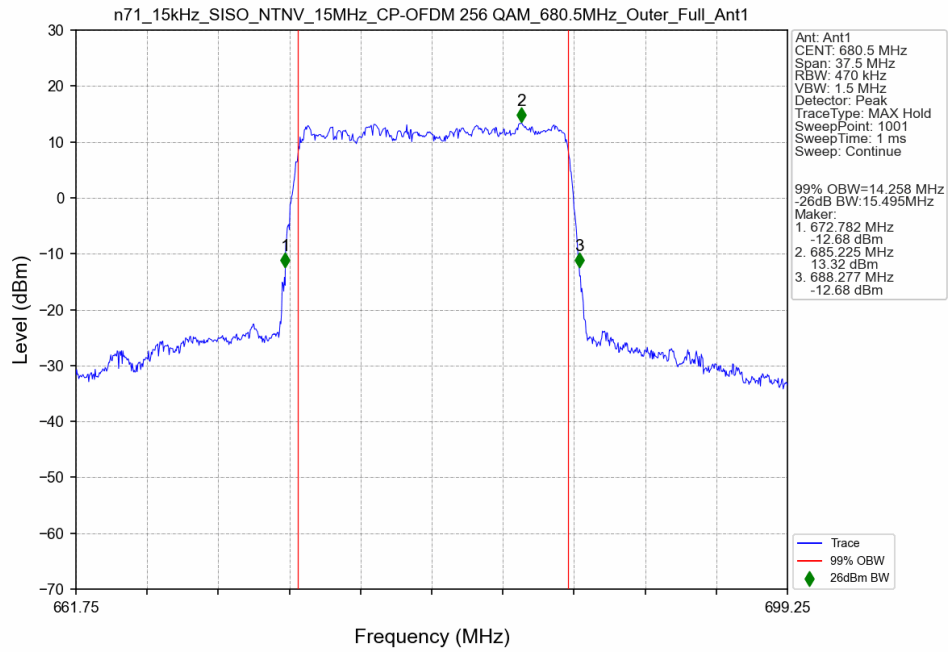
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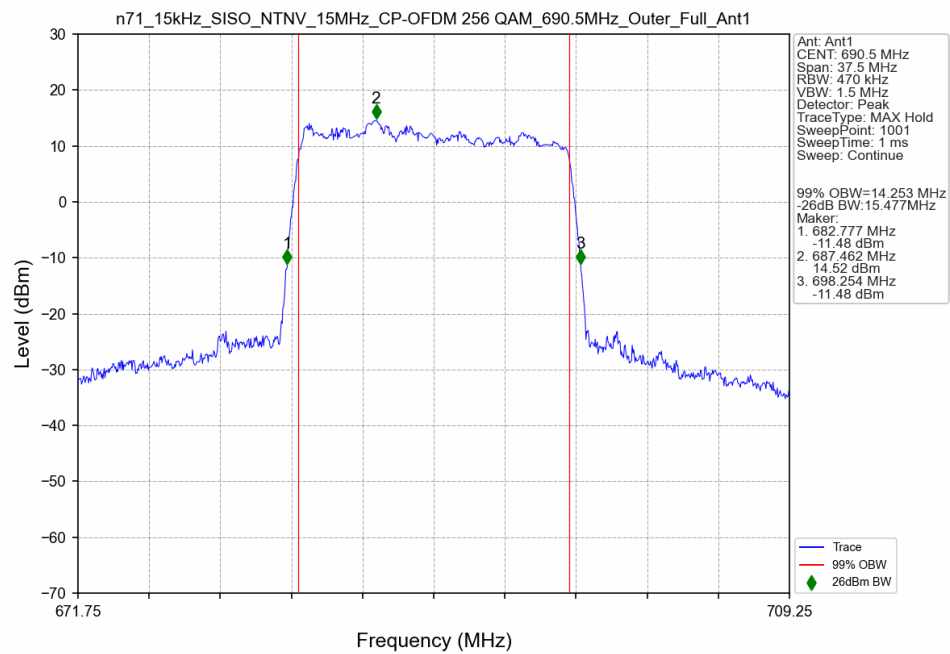
n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 670.5MHz Outer Full Ant1



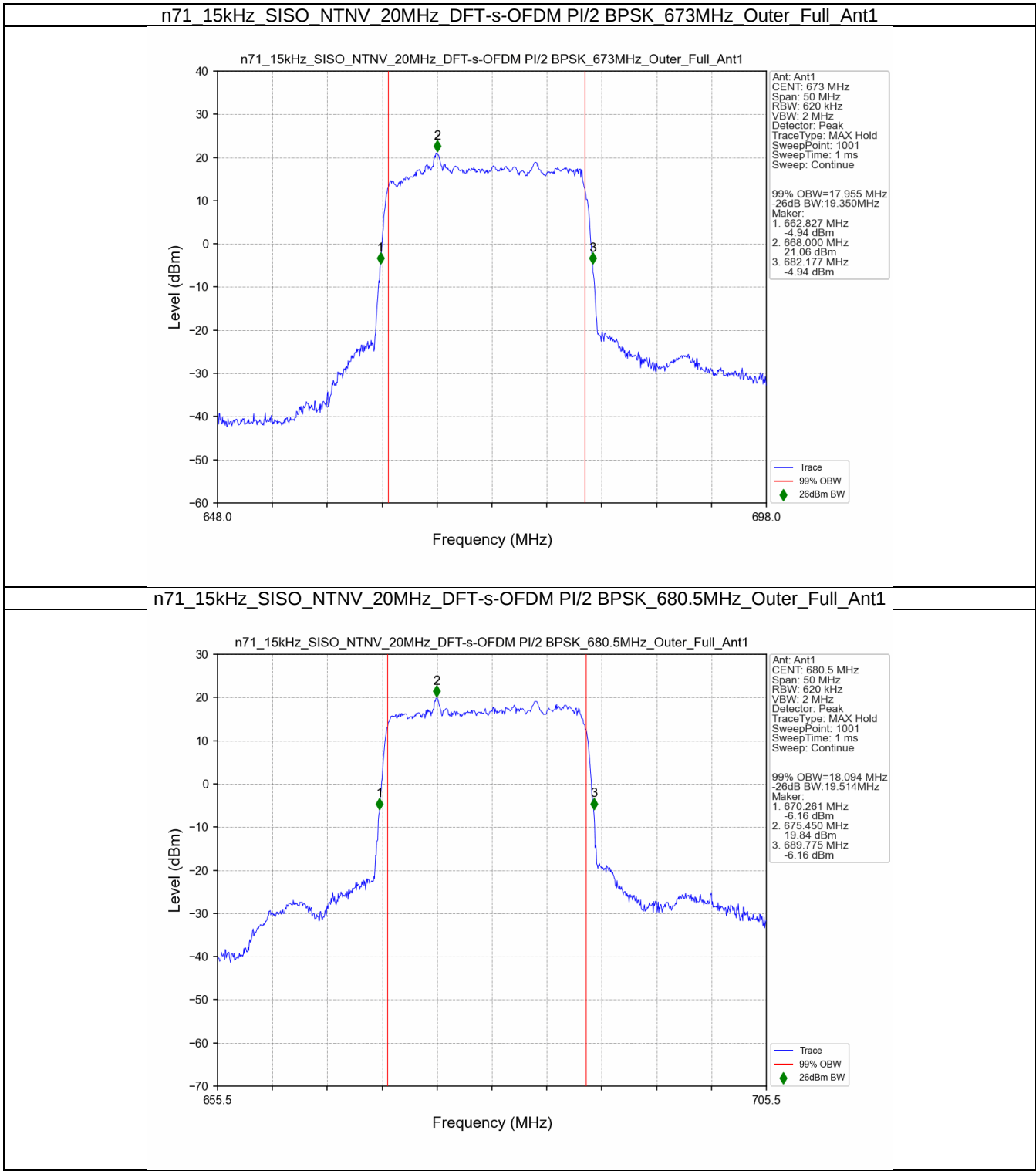
n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 680.5MHz Outer Full Ant1



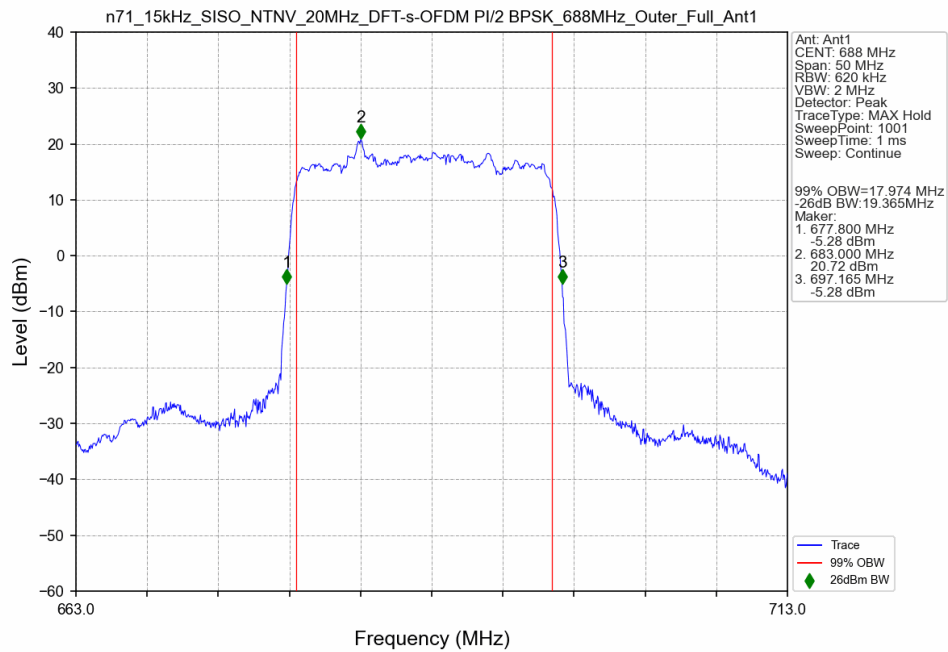
n71 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 690.5MHz Outer Full Ant1



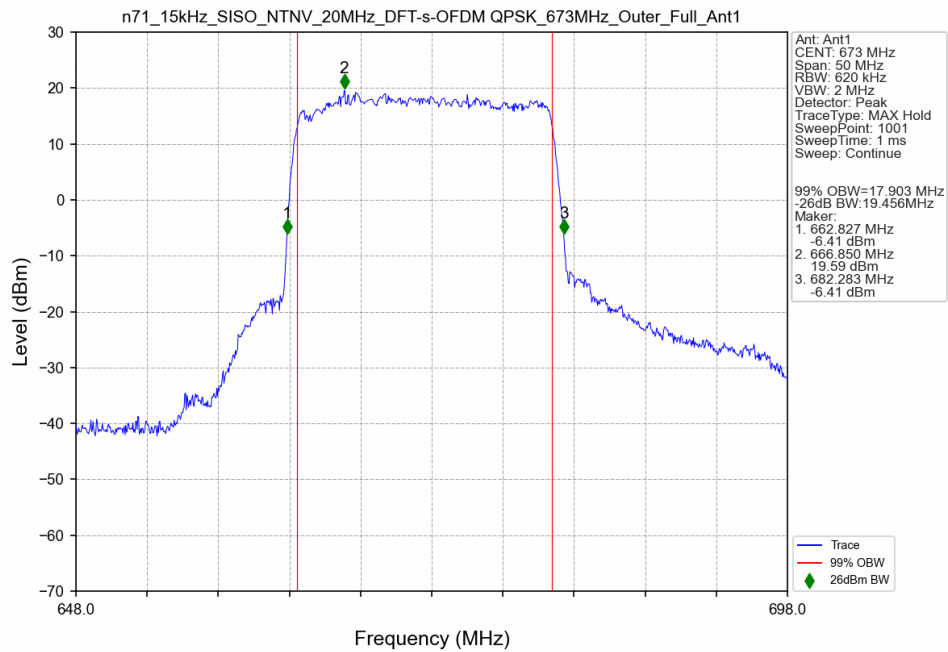
3.2.4 15k_SISO_20MHz_NTNV



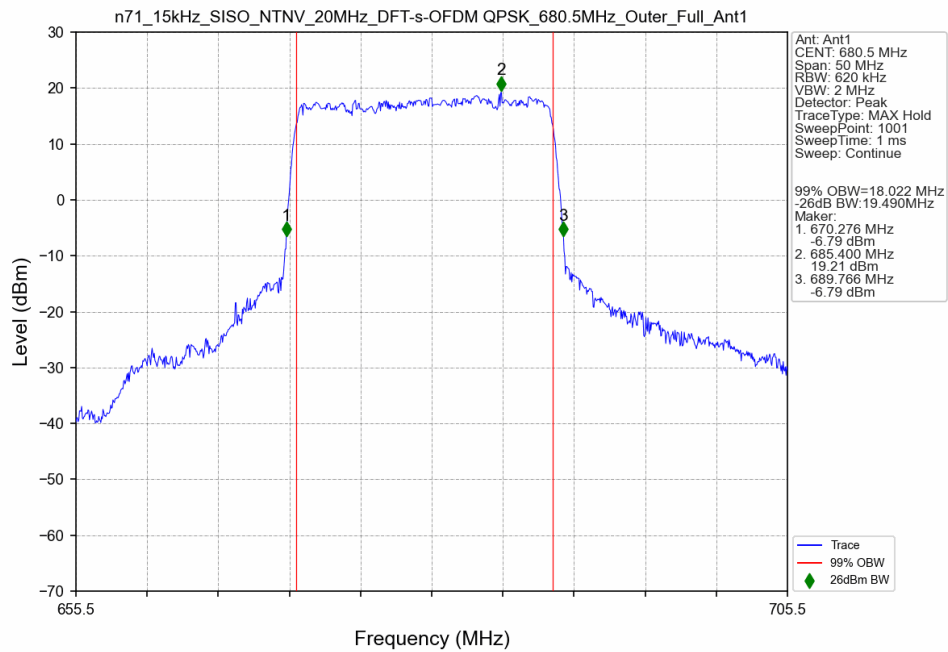
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_688MHz_Outer_Full_Ant1



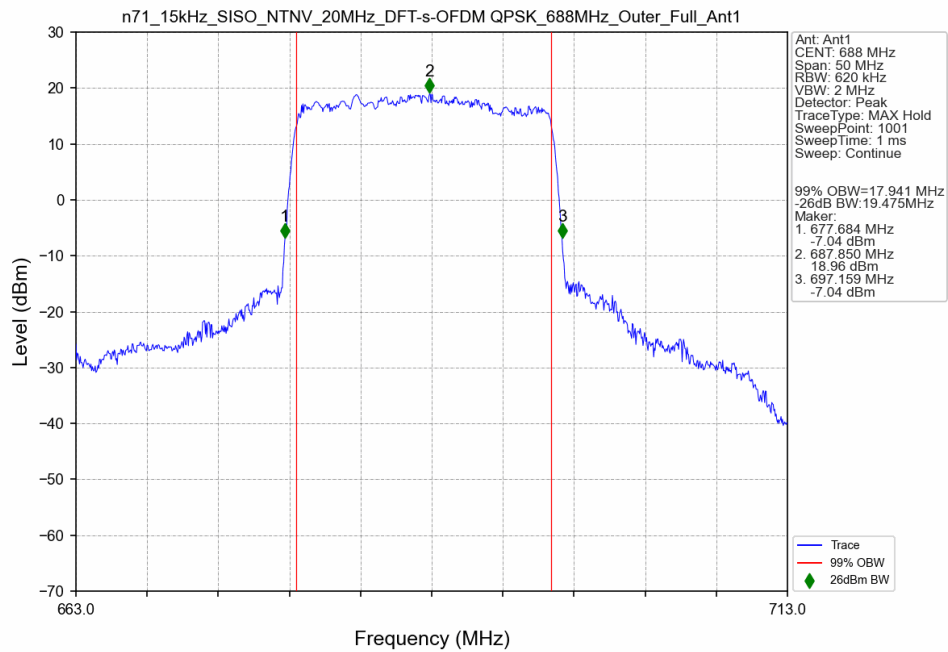
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_673MHz_Outer_Full_Ant1



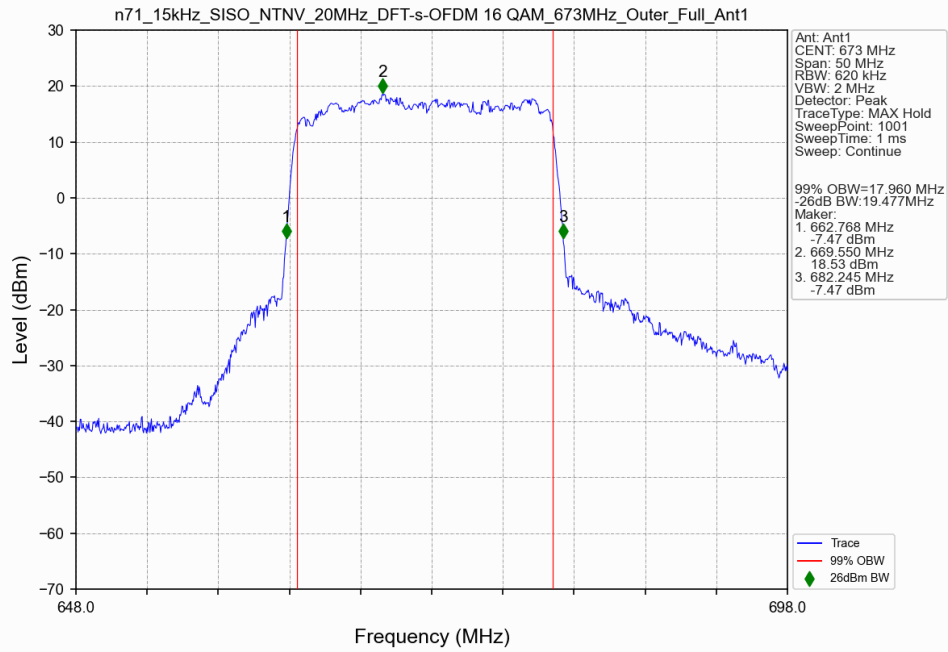
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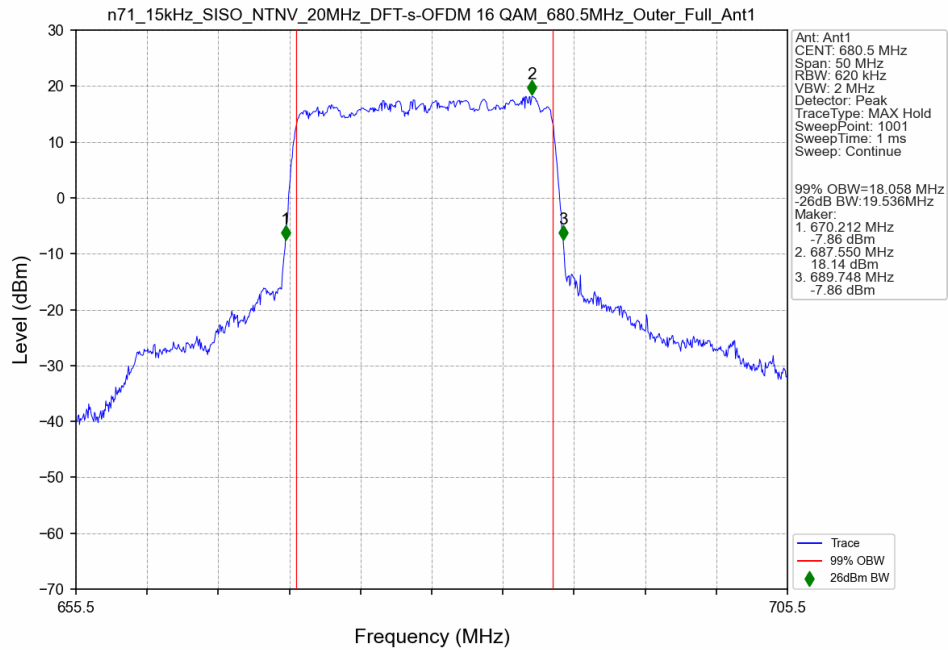
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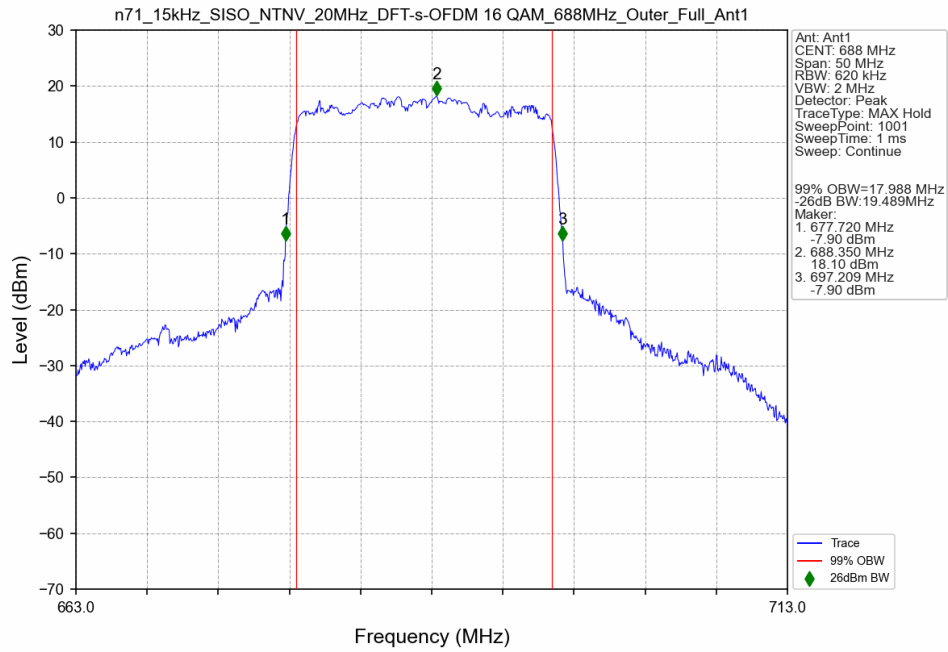
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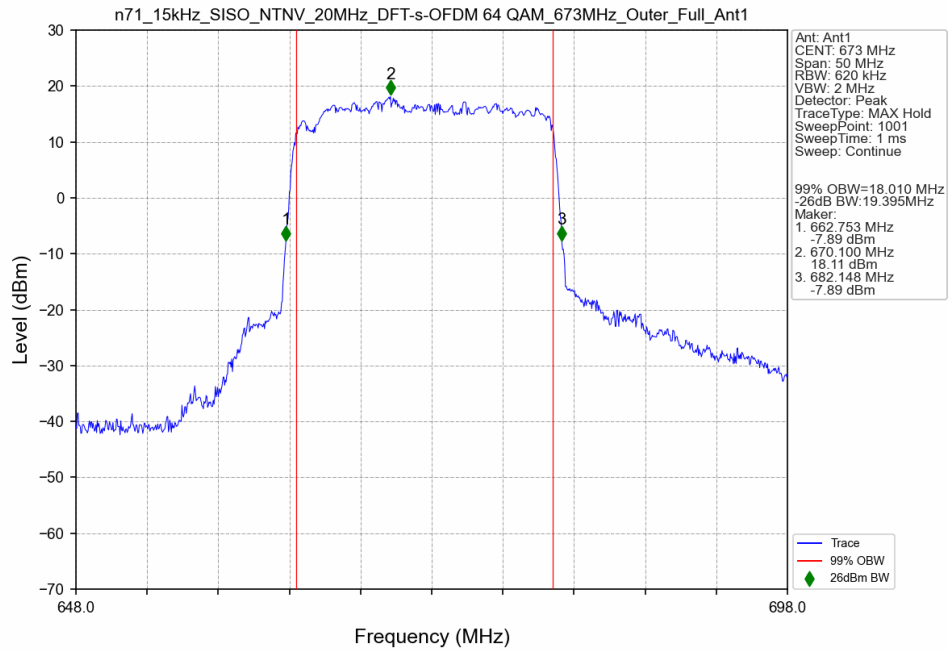
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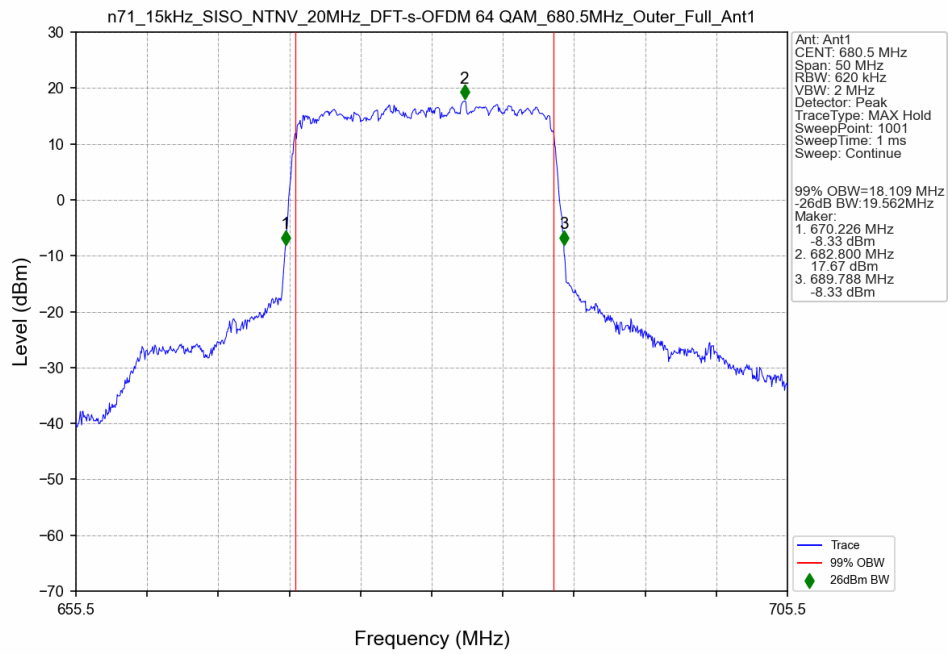
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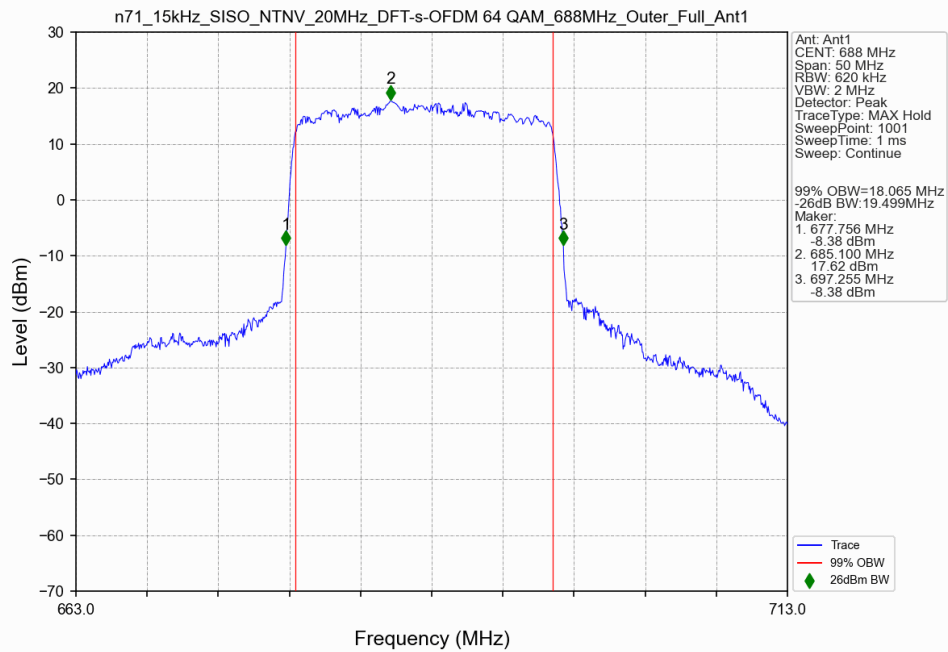
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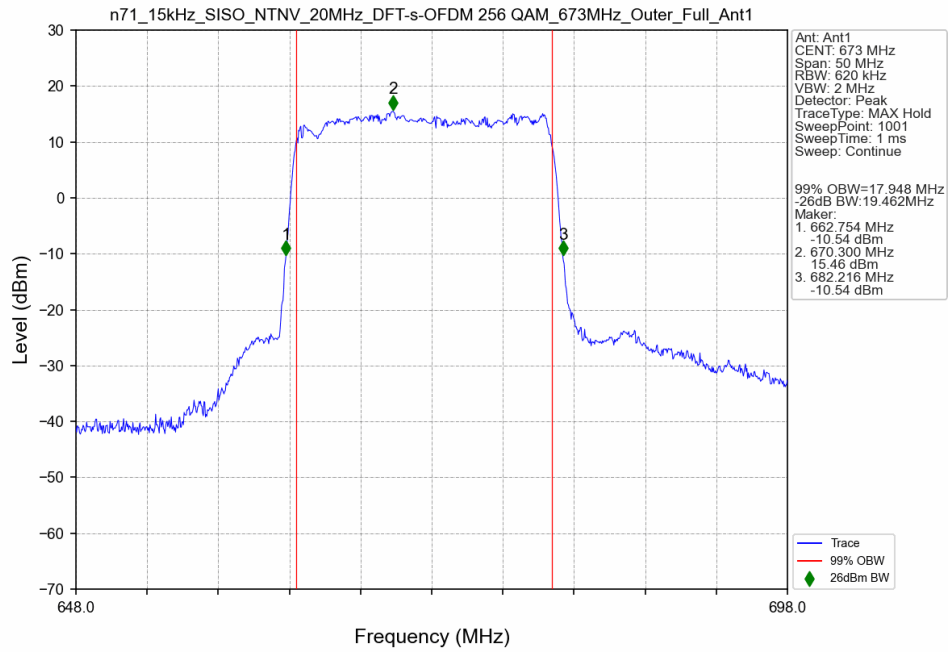
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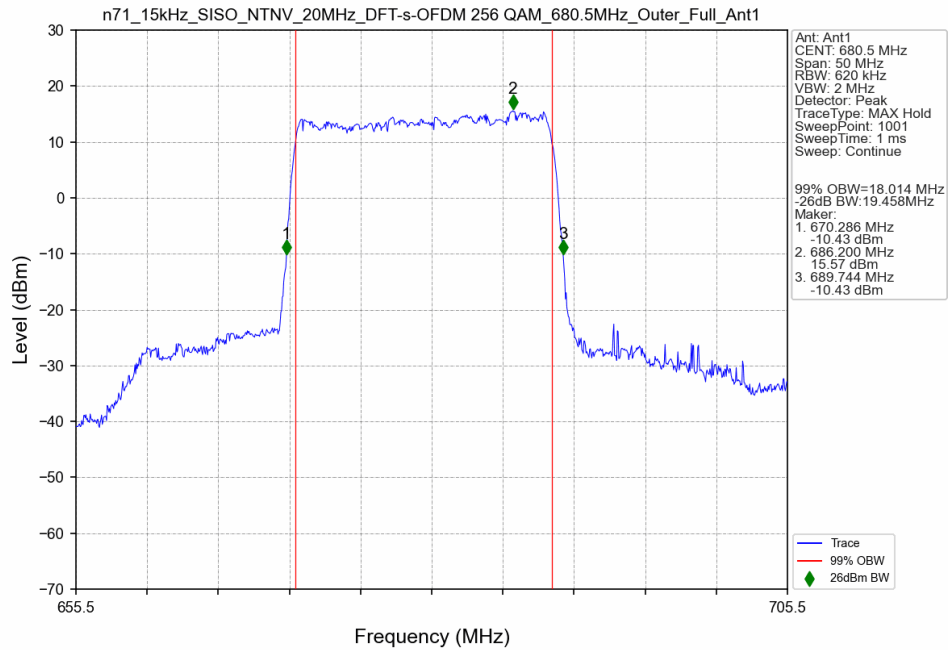
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_688MHz_Outer_Full_Ant1



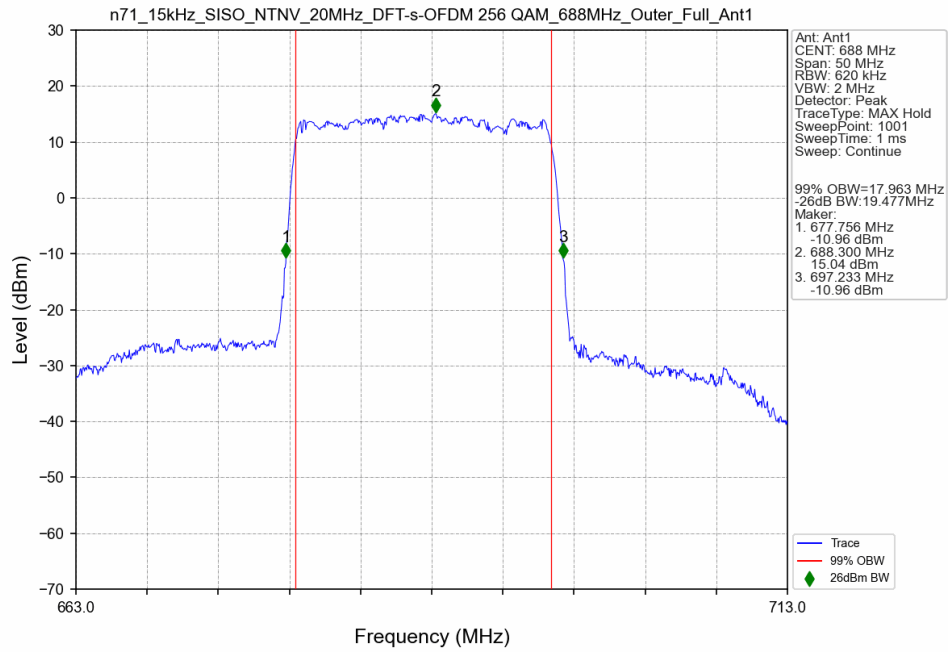
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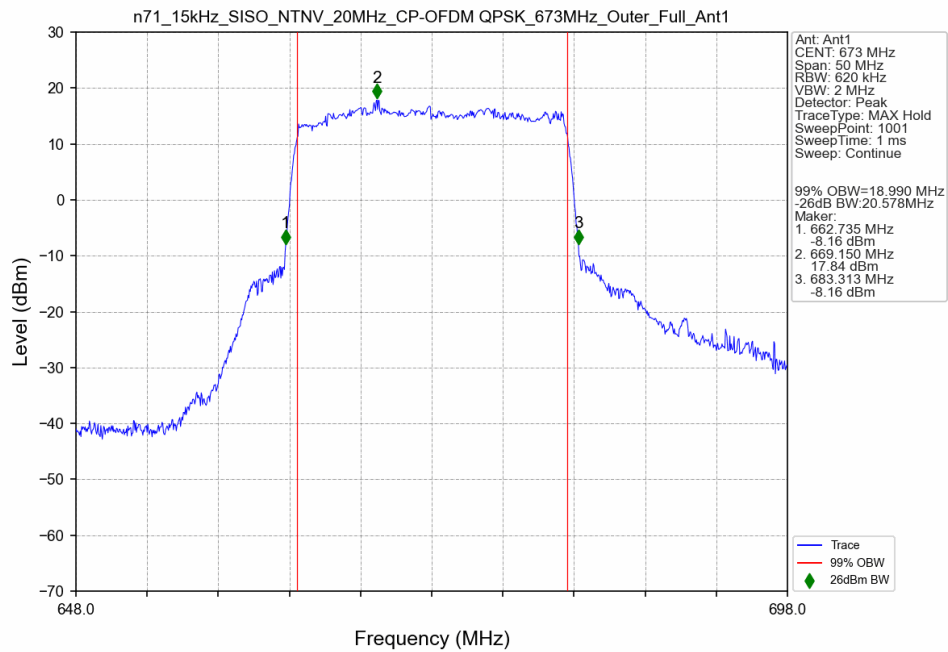
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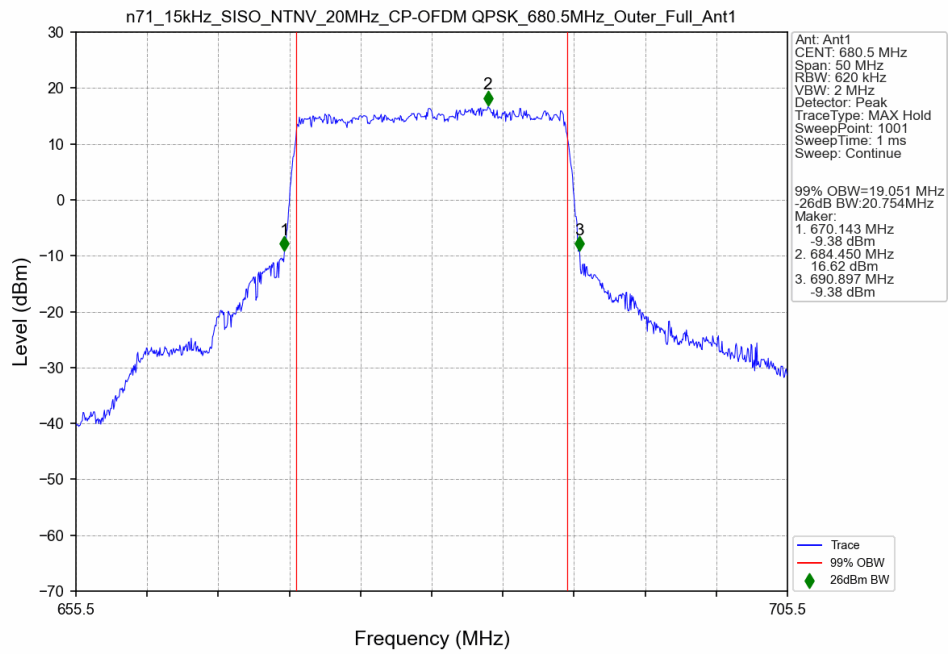
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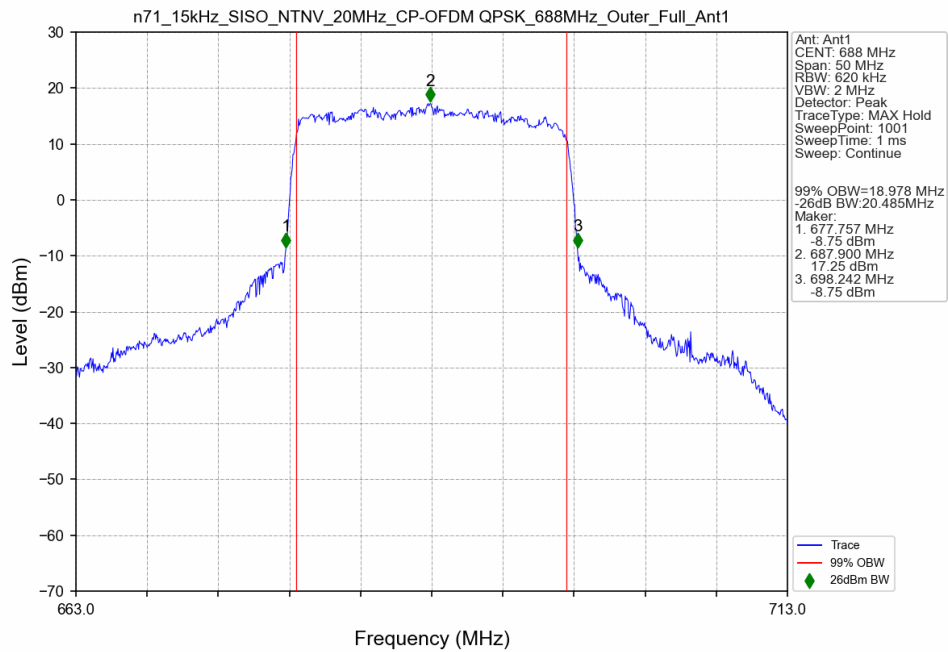
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Outer_Full_Ant1



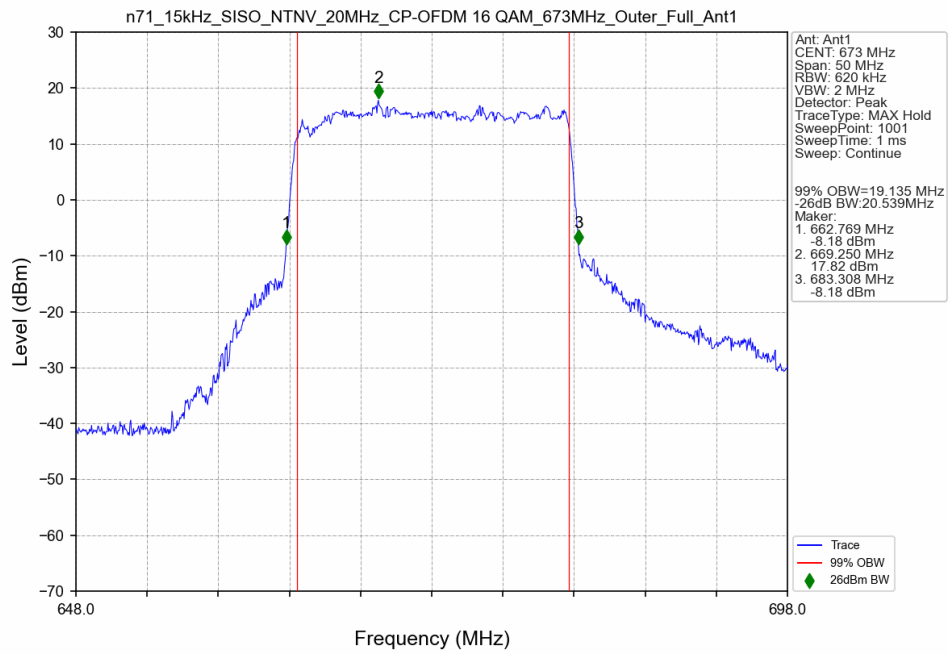
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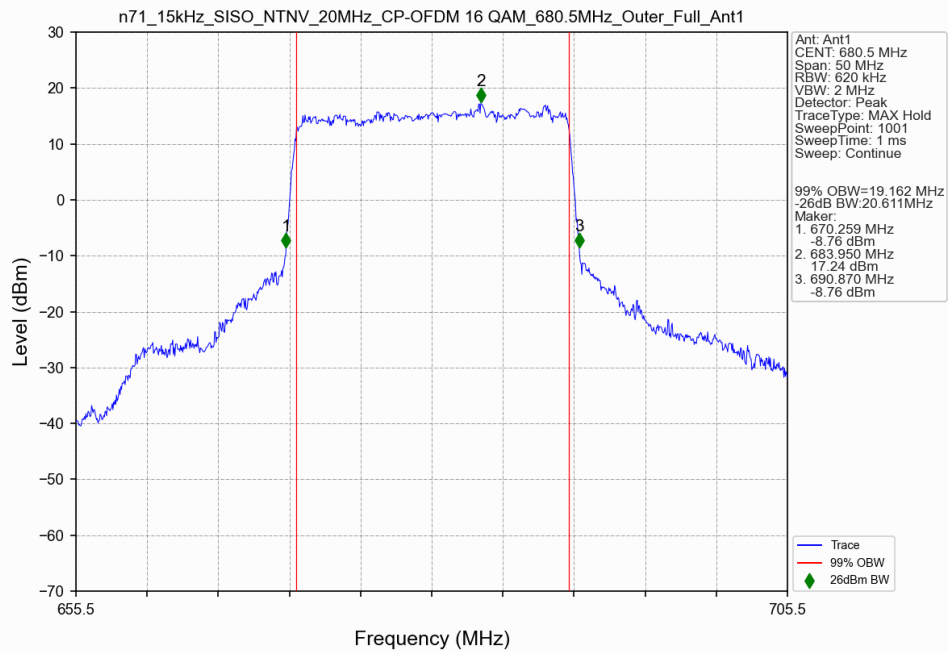
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Outer Full Ant1



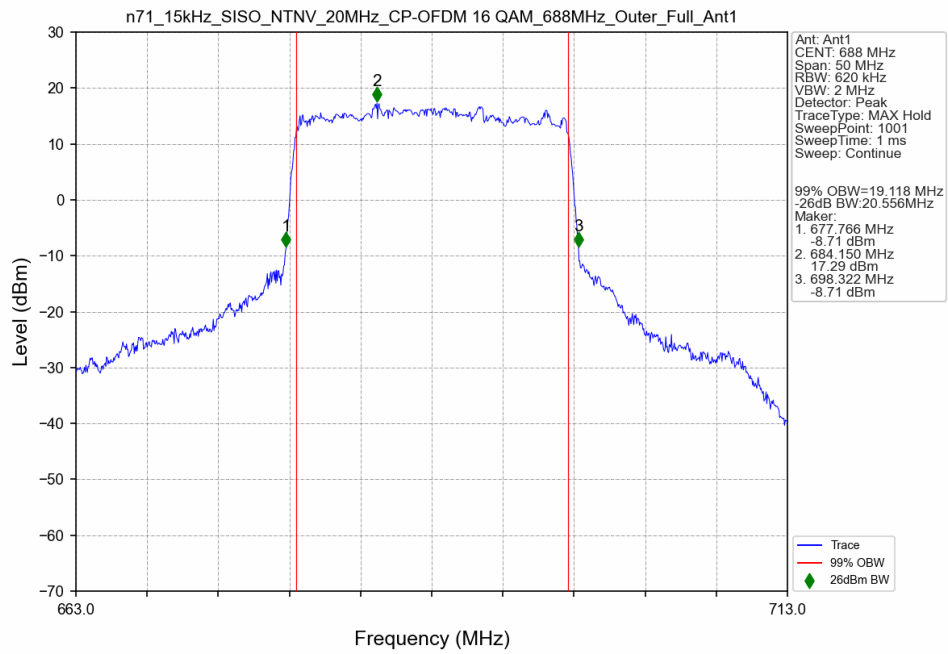
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 673MHz Outer Full Ant1



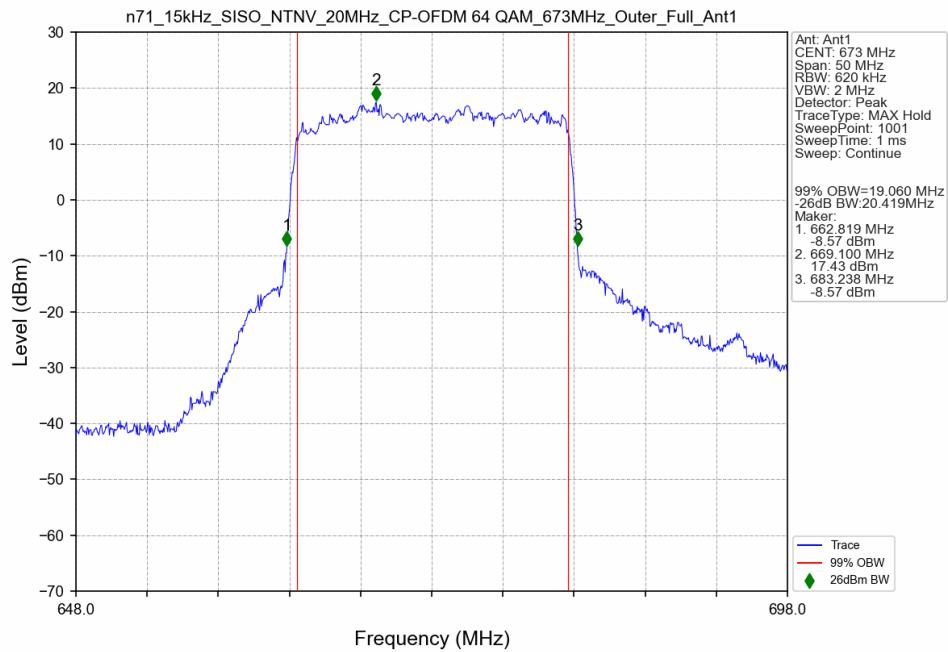
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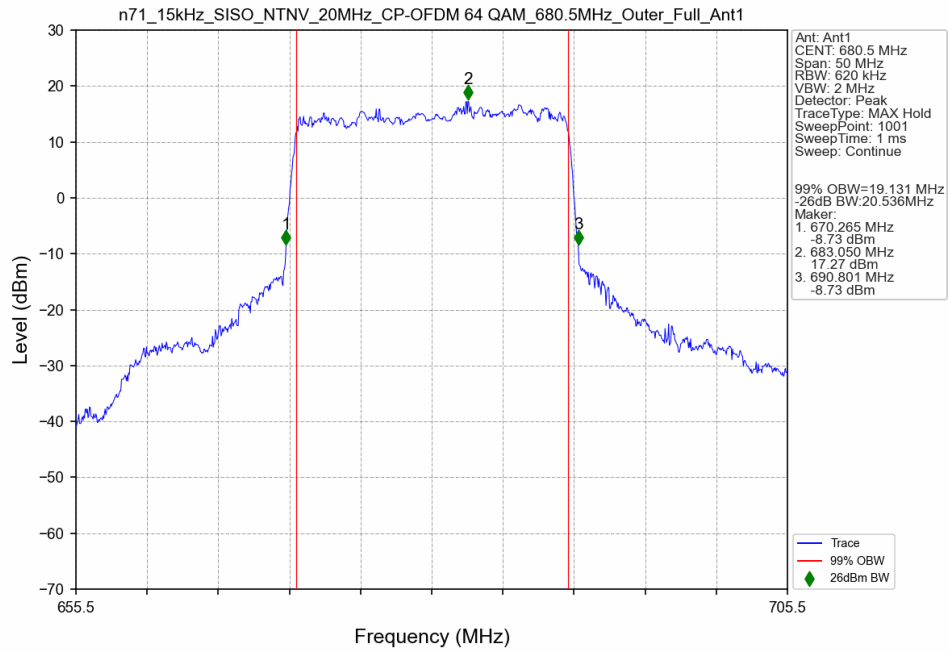
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_688MHz_Outer_Full_Ant1



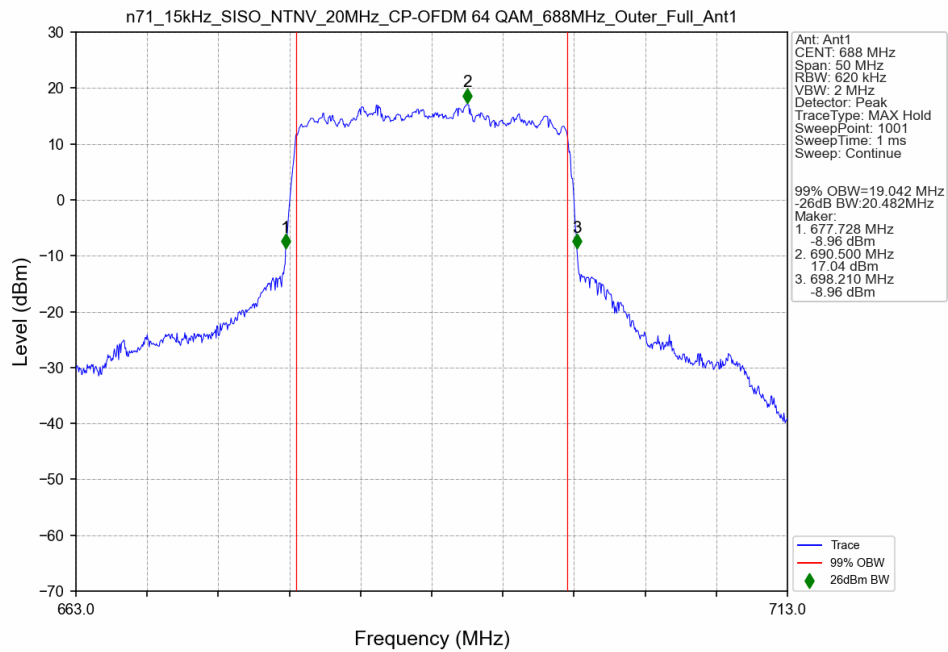
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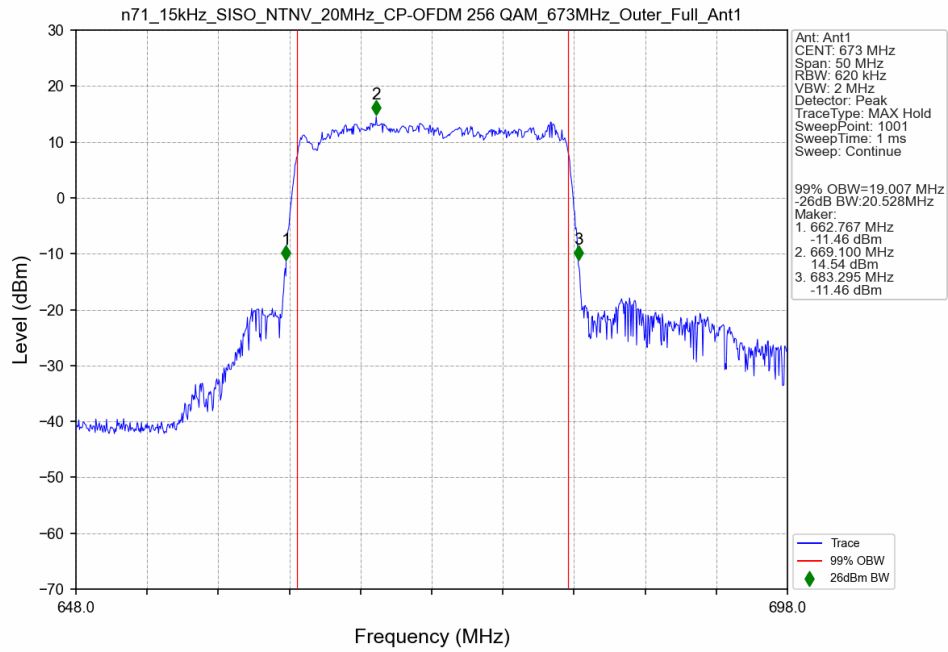
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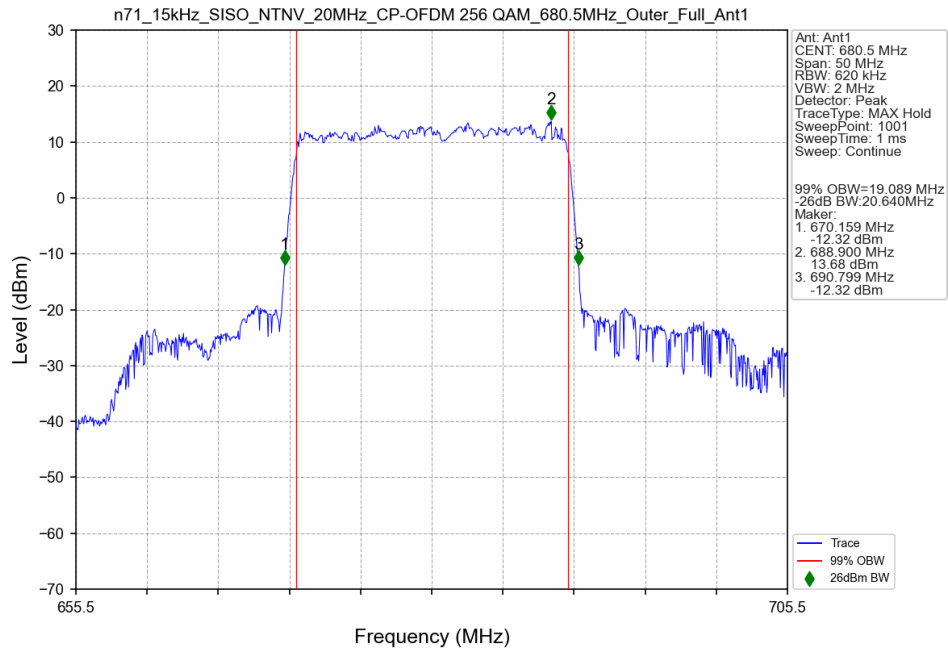
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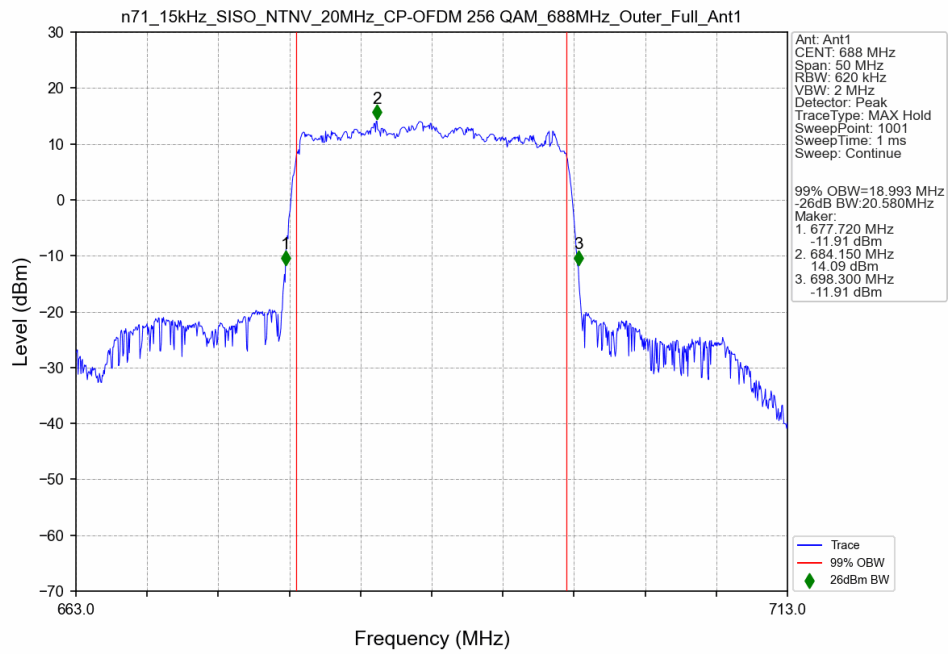
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_673MHz_Outer_Full_Ant1



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_688MHz_Outer_Full_Ant1



4. Peak-Average Ratio

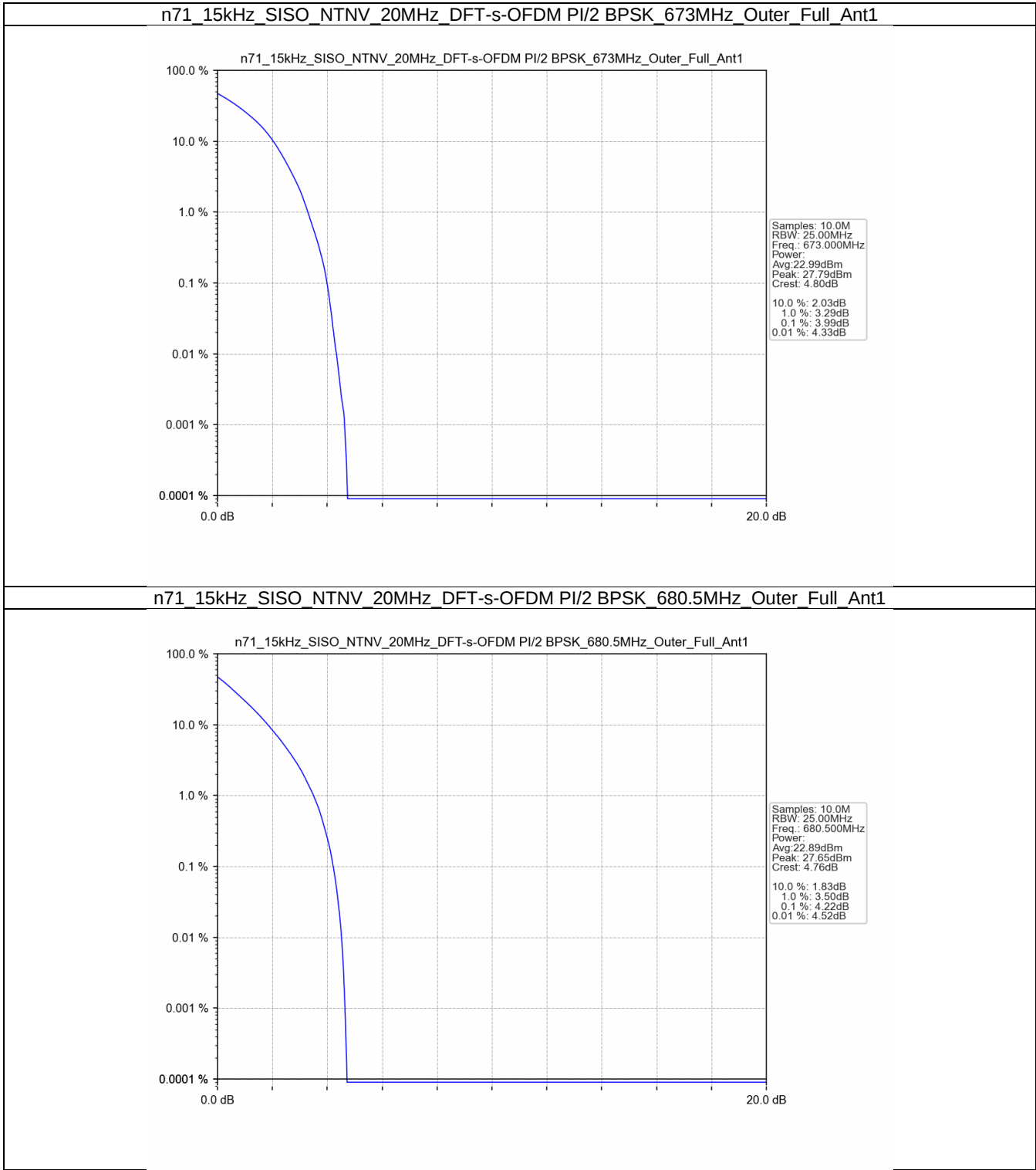
4.1 Test Result

4.1.1 15k_SISO_20MHz_NTNV

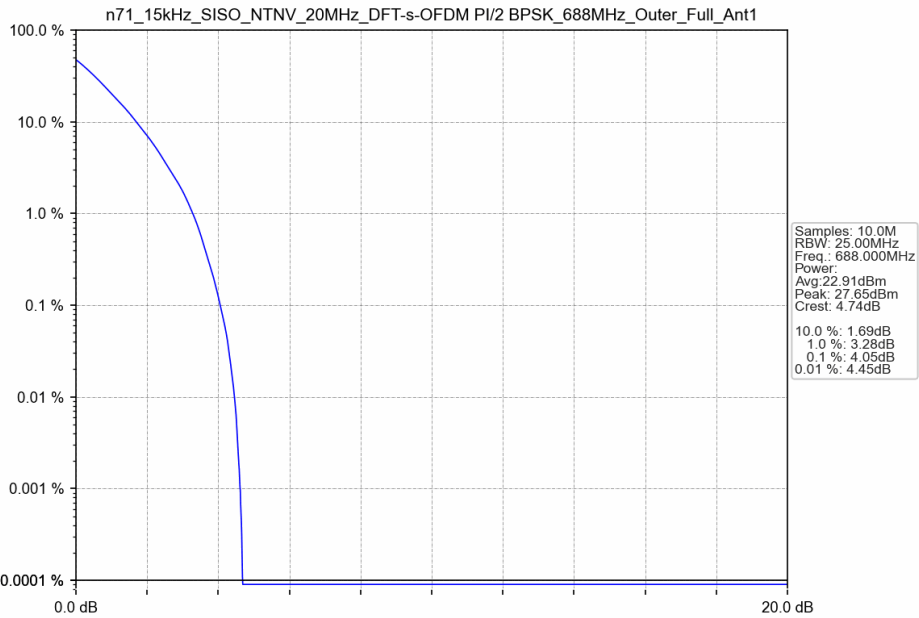
5G NR n71 SCS=15kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	673	Outer_Full	3.99	/	/	<=13	Pass
	680.5	Outer_Full	4.22	/	/	<=13	Pass
	688	Outer_Full	4.05	/	/	<=13	Pass
DFT-s-OFDM QPSK	673	Outer_Full	5.15	/	/	<=13	Pass
	680.5	Outer_Full	4.57	/	/	<=13	Pass
	688	Outer_Full	4.44	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	673	Outer_Full	6.02	/	/	<=13	Pass
	680.5	Outer_Full	5.54	/	/	<=13	Pass
	688	Outer_Full	5.40	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	673	Outer_Full	6.10	/	/	<=13	Pass
	680.5	Outer_Full	6.08	/	/	<=13	Pass
	688	Outer_Full	5.94	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	673	Outer_Full	6.58	/	/	<=13	Pass
	680.5	Outer_Full	6.62	/	/	<=13	Pass
	688	Outer_Full	6.49	/	/	<=13	Pass
CP-OFDM QPSK	673	Outer_Full	7.36	/	/	<=13	Pass
	680.5	Outer_Full	6.65	/	/	<=13	Pass
	688	Outer_Full	6.59	/	/	<=13	Pass
CP-OFDM 16 QAM	673	Outer_Full	7.32	/	/	<=13	Pass
	680.5	Outer_Full	6.66	/	/	<=13	Pass
	688	Outer_Full	6.54	/	/	<=13	Pass
CP-OFDM 64 QAM	673	Outer_Full	7.80	/	/	<=13	Pass
	680.5	Outer_Full	7.08	/	/	<=13	Pass
	688	Outer_Full	6.97	/	/	<=13	Pass
CP-OFDM 256 QAM	673	Outer_Full	8.60	/	/	<=13	Pass
	680.5	Outer_Full	8.57	/	/	<=13	Pass
	688	Outer_Full	8.51	/	/	<=13	Pass

4.2 Test Graph

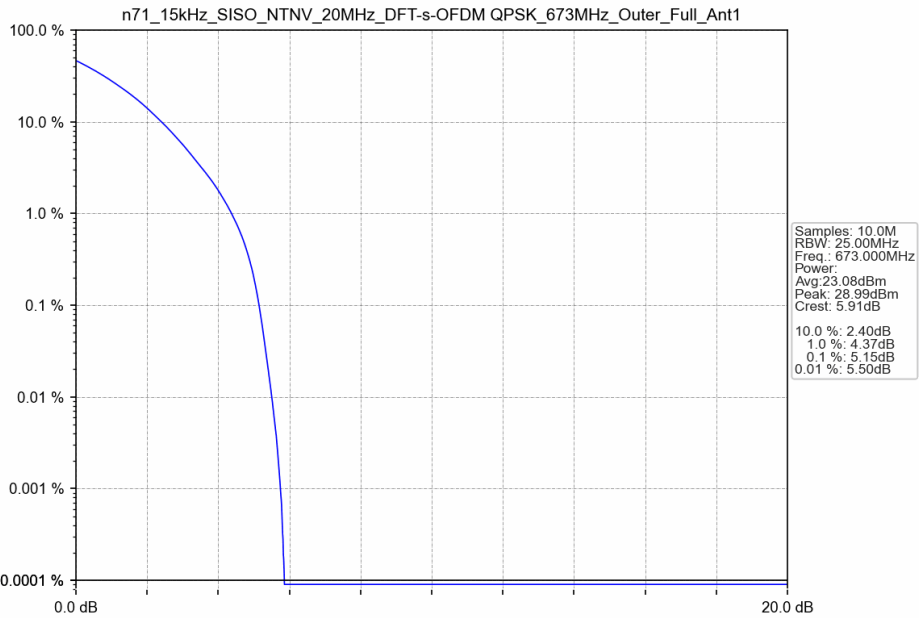
4.2.1 15k_SISO_20MHz_NTNV



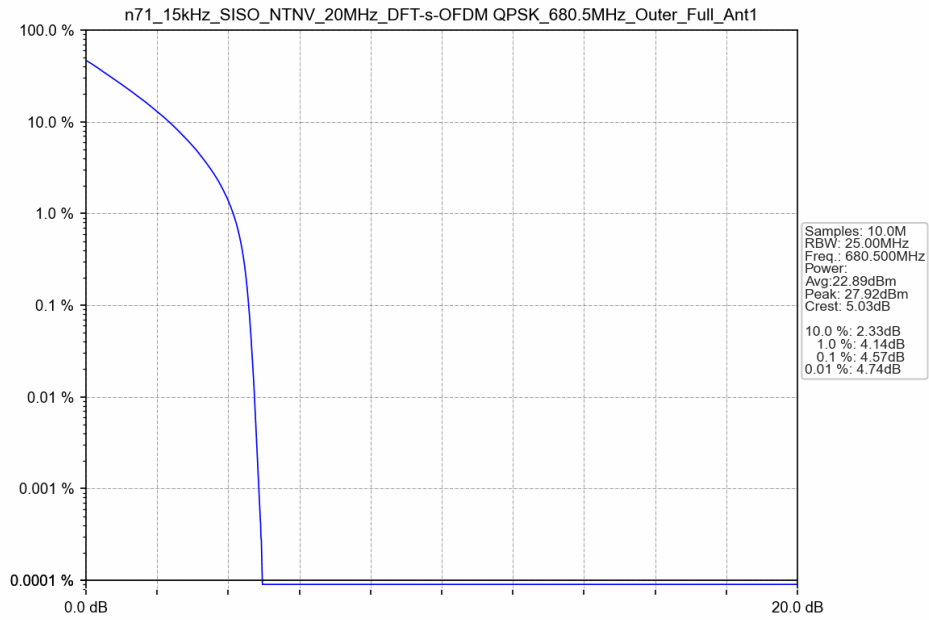
n71 15kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 688MHz Outer Full Ant1



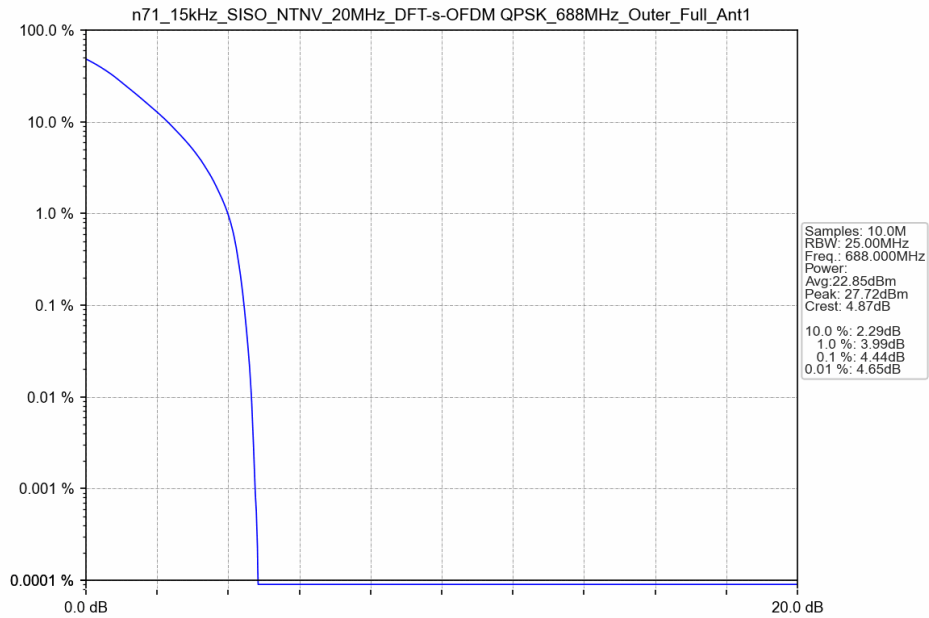
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 673MHz Outer Full Ant1



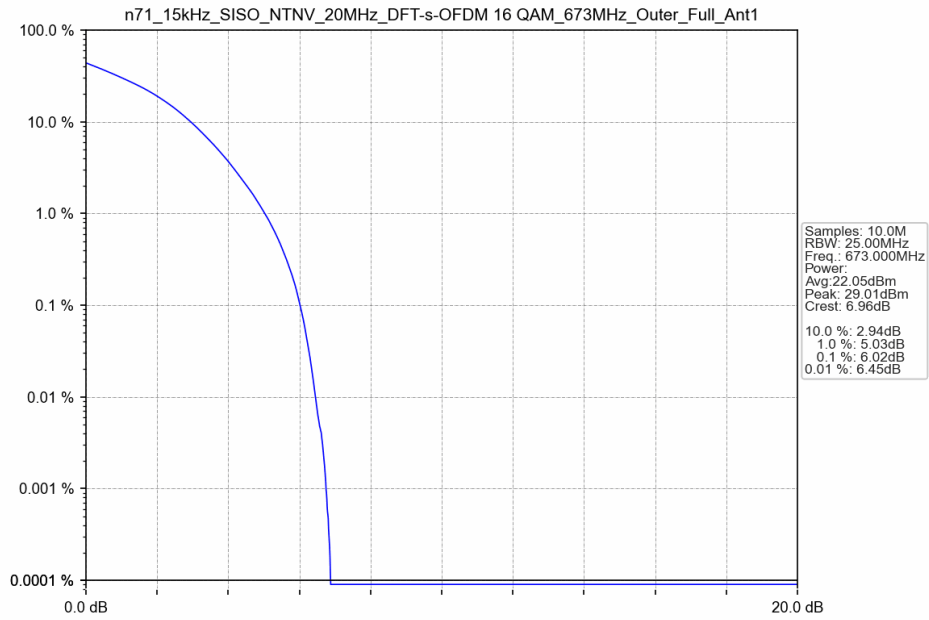
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 680.5MHz Outer Full Ant1



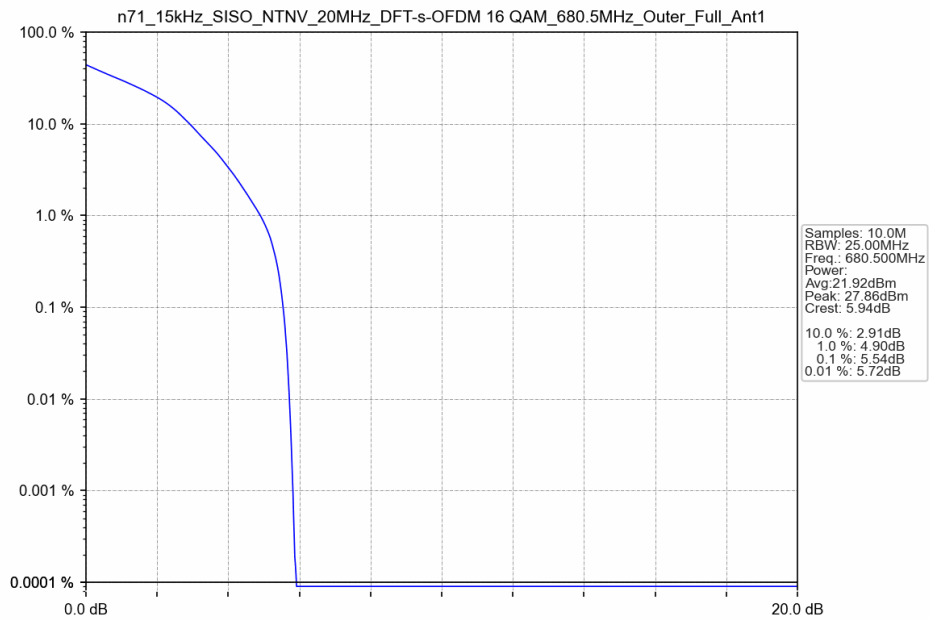
n71 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 688MHz Outer Full Ant1



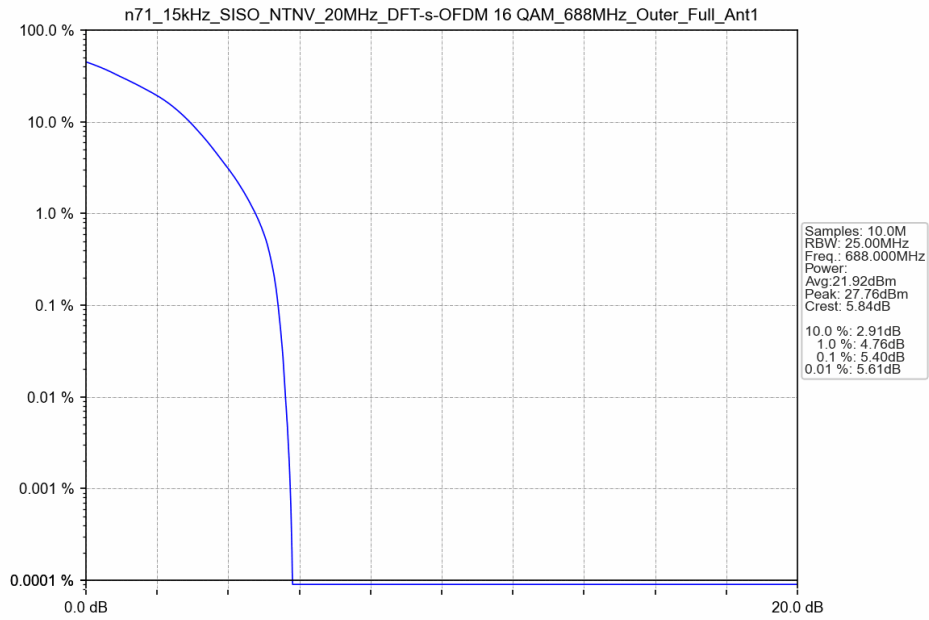
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 673MHz Outer Full Ant1



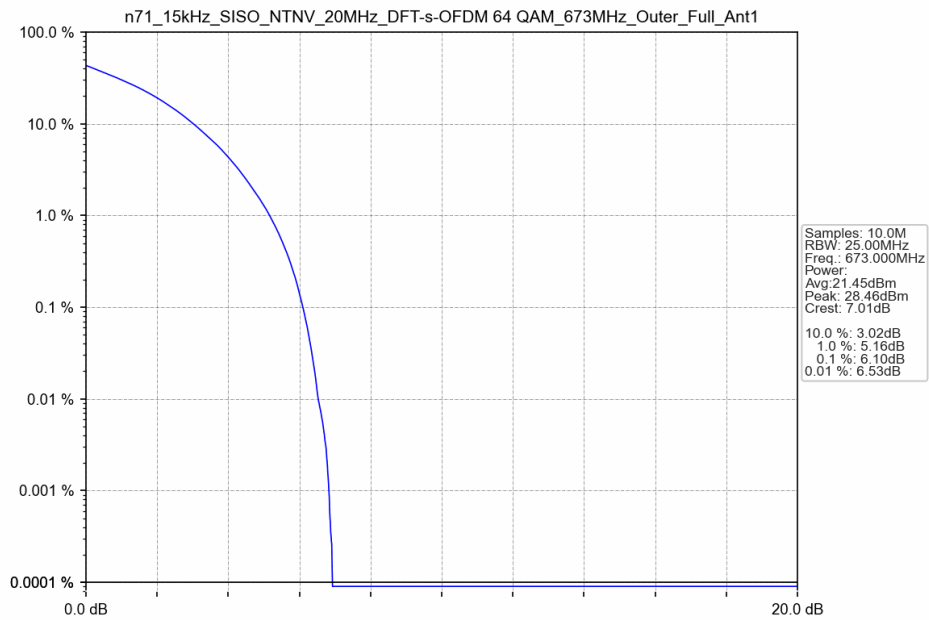
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 680.5MHz Outer Full Ant1



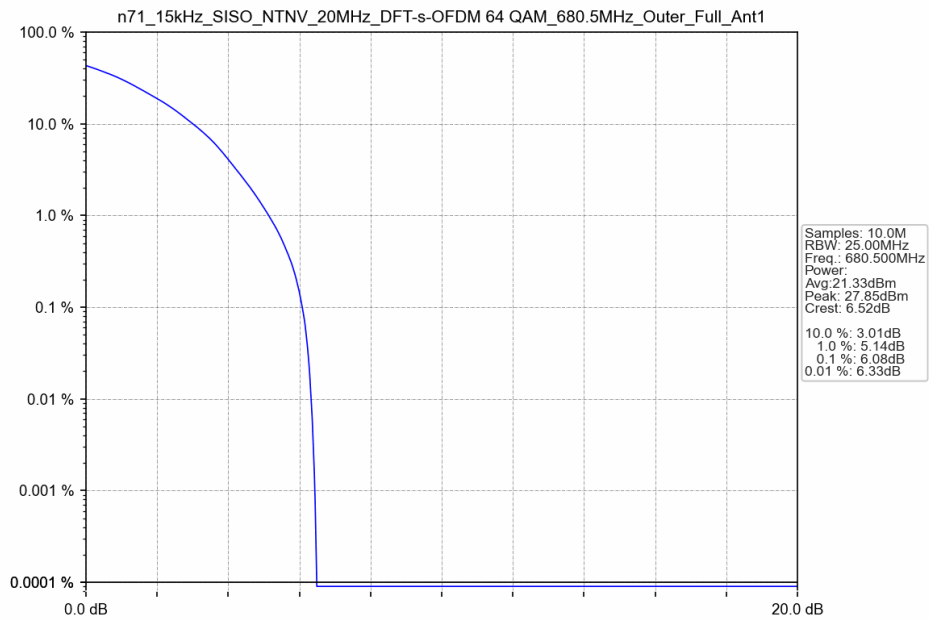
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 688MHz Outer Full Ant1



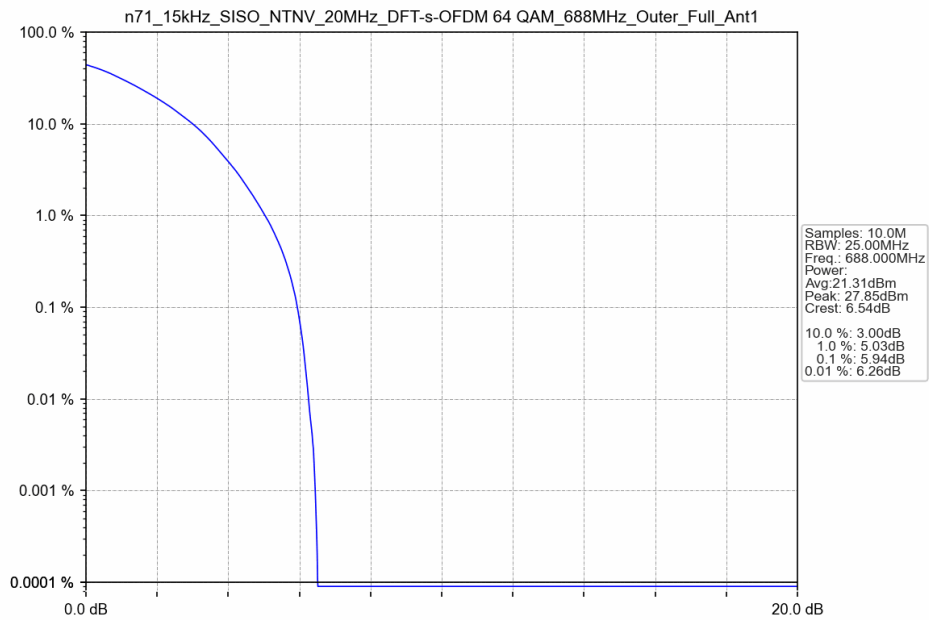
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 673MHz Outer Full Ant1



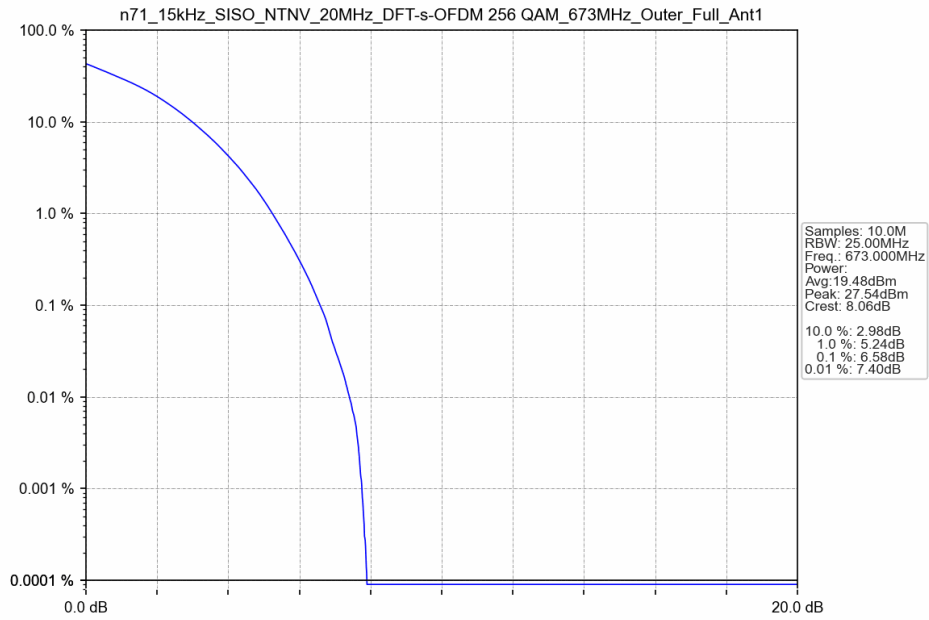
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 680.5MHz Outer Full Ant1



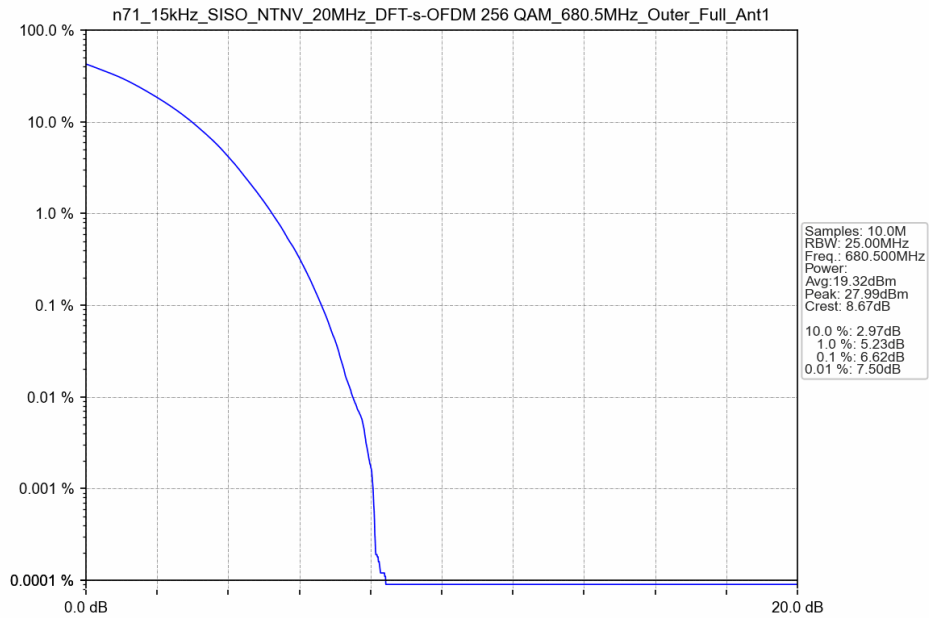
n71 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 688MHz Outer Full Ant1



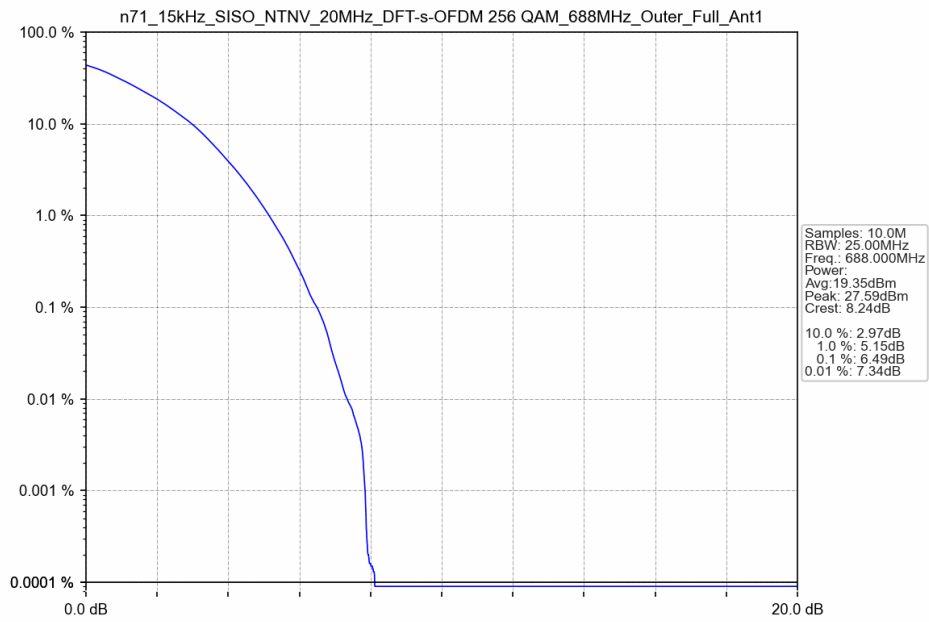
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_673MHz_Outer_Full_Ant1



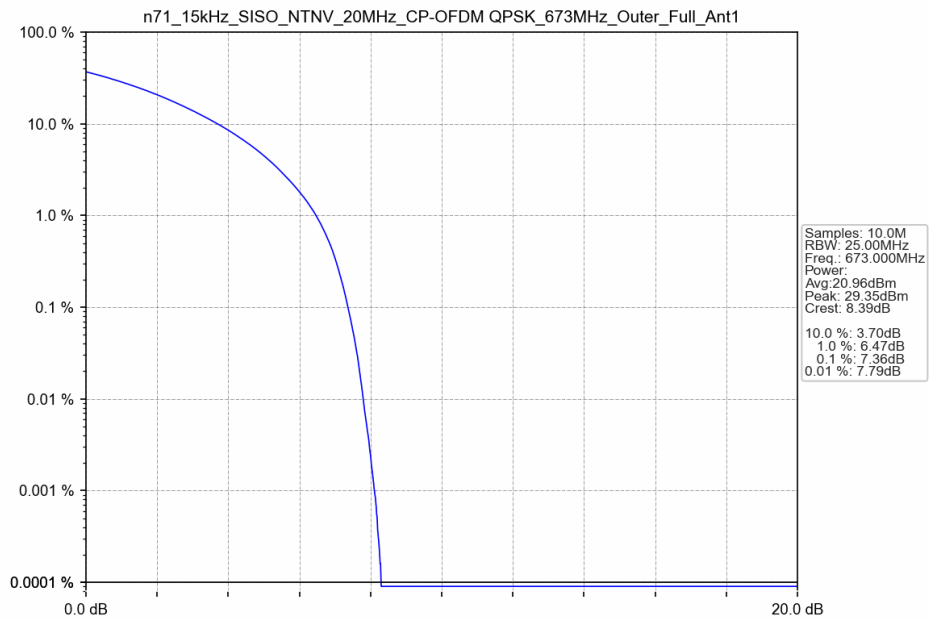
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1



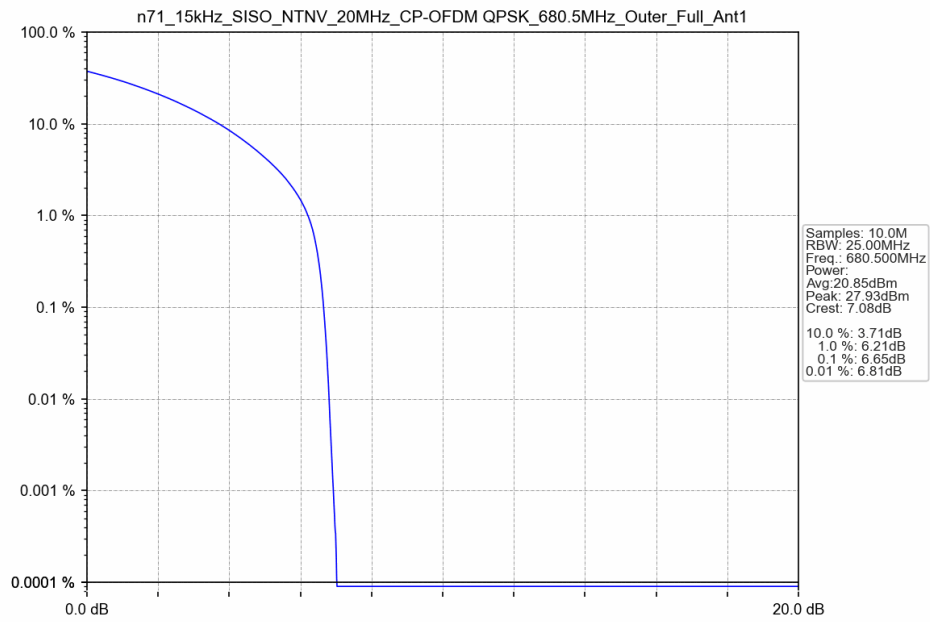
n71_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_688MHz_Outer_Full_Ant1



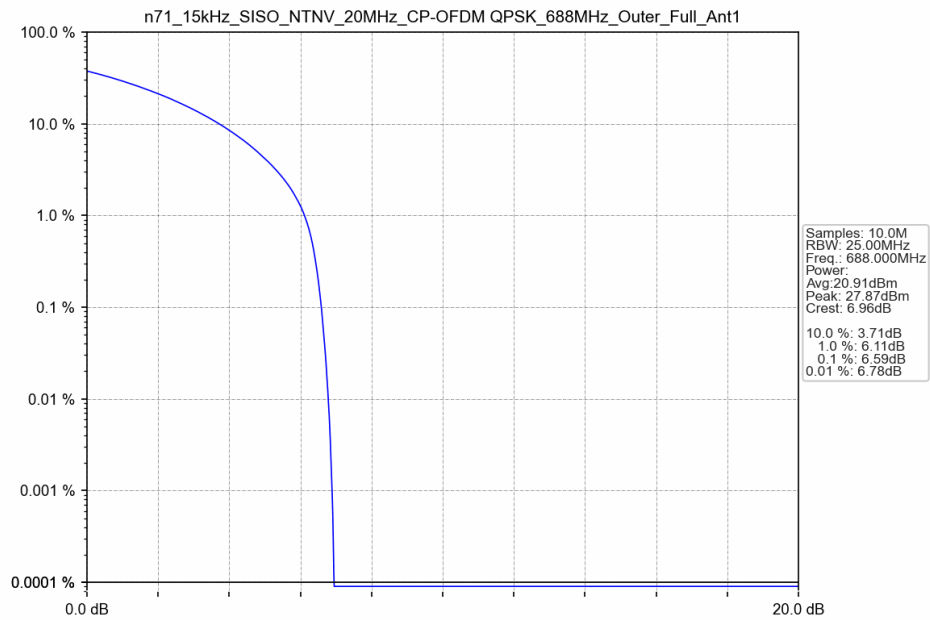
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_673MHz_Outer_Full_Ant1



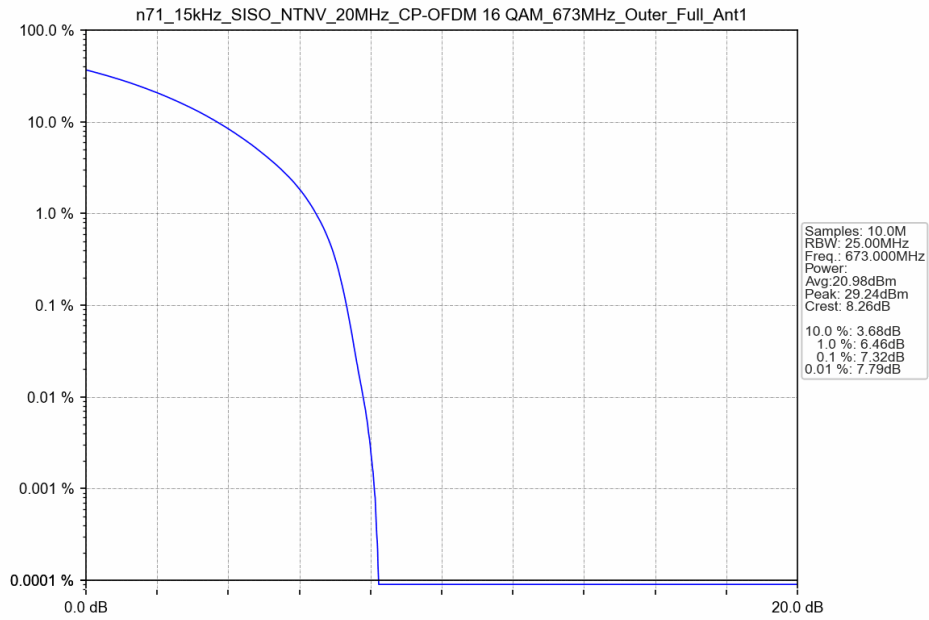
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 680.5MHz Outer Full Ant1



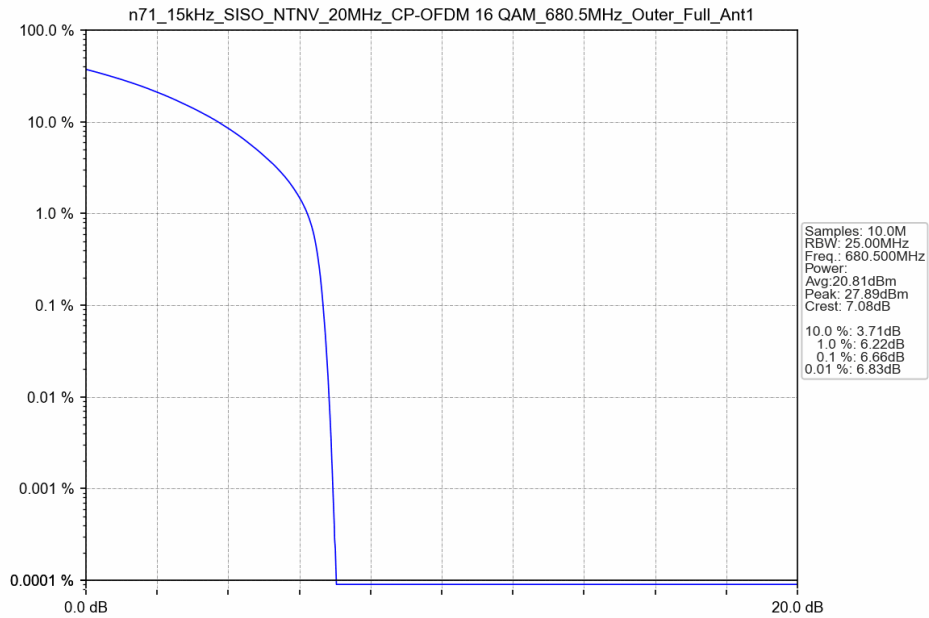
n71 15kHz SISO NTN 20MHz CP-OFDM QPSK 688MHz Outer Full Ant1



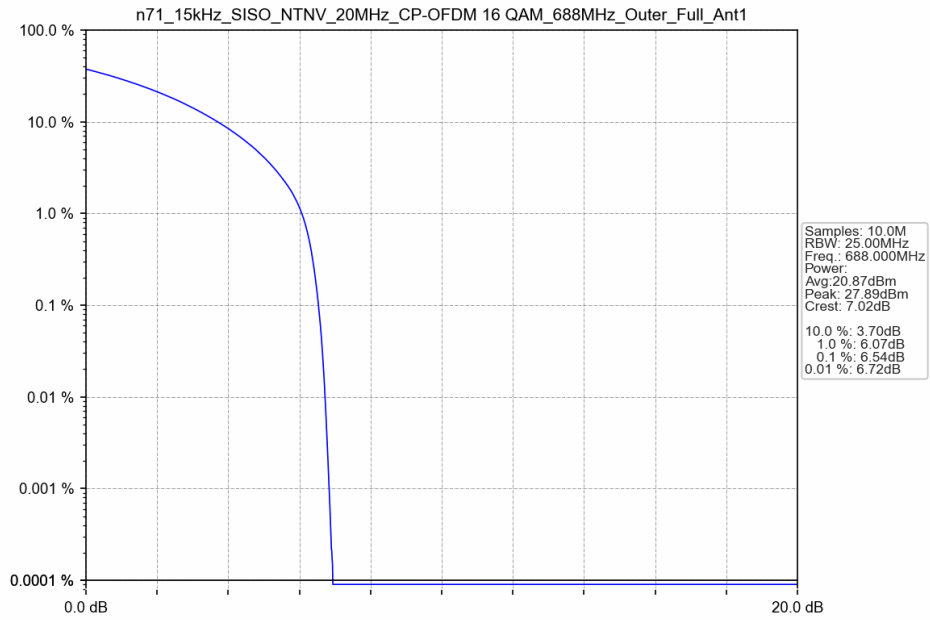
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 673MHz Outer Full Ant1



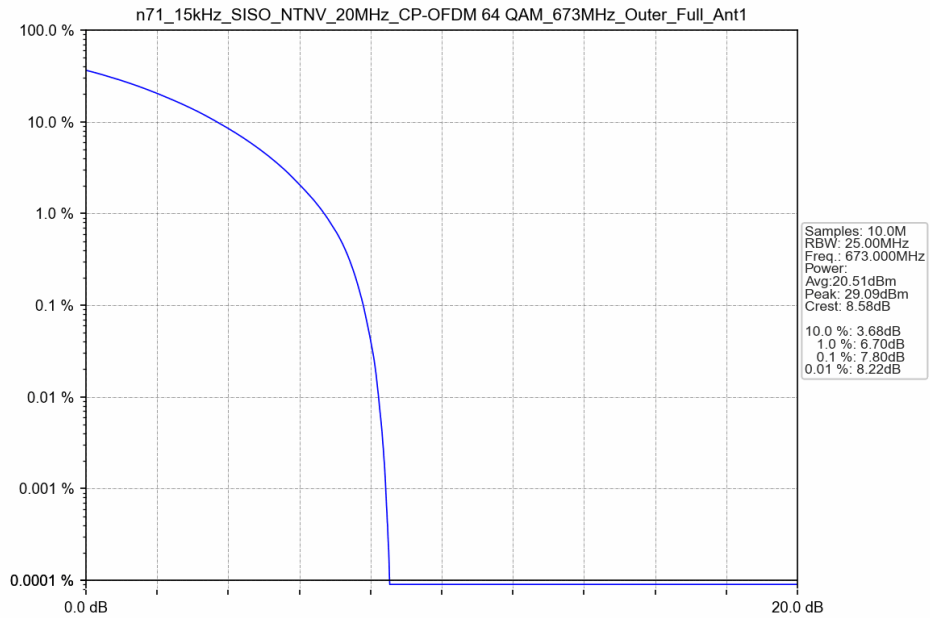
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 680.5MHz Outer Full Ant1



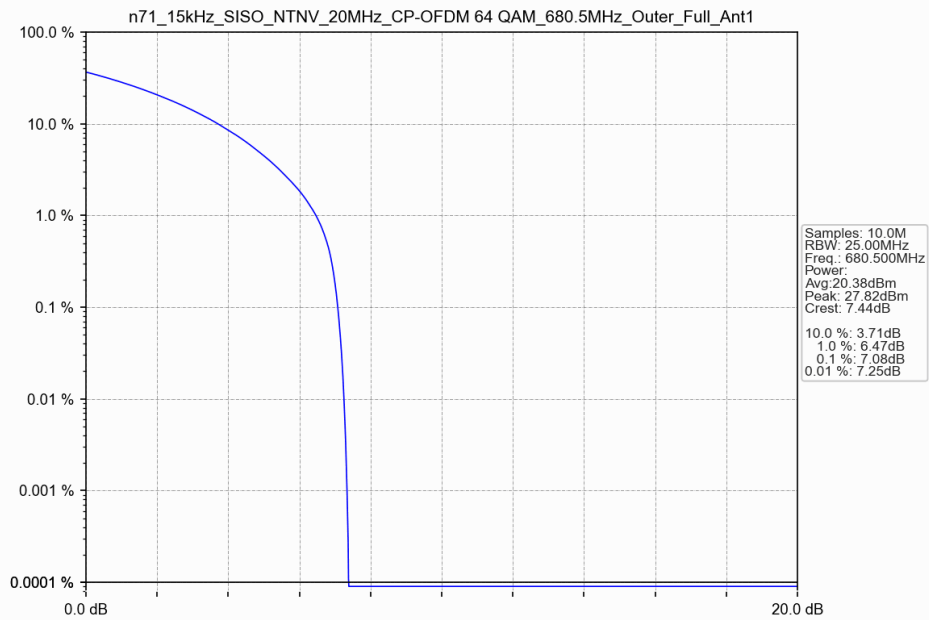
n71 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 688MHz Outer Full Ant1



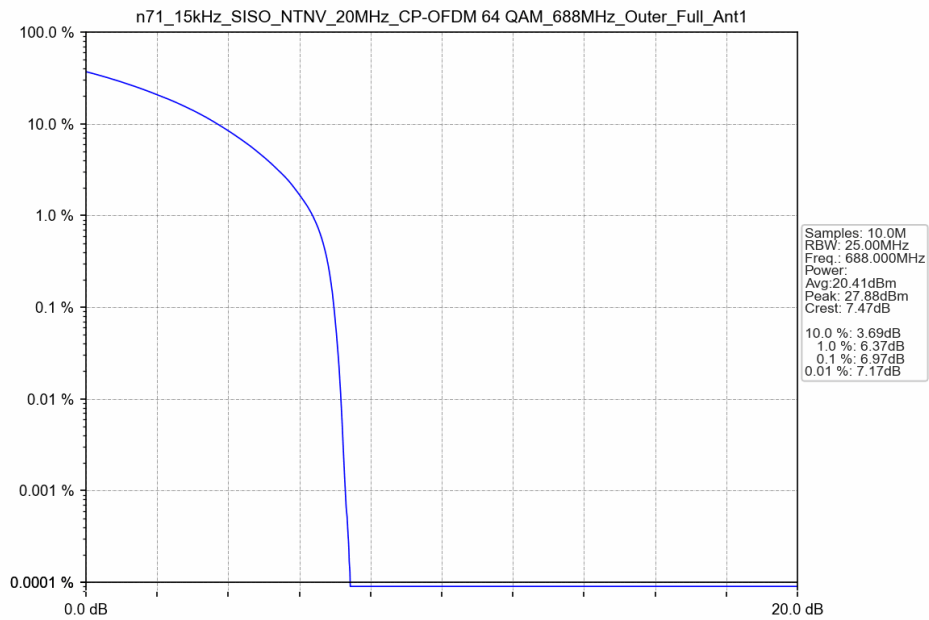
n71 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 673MHz Outer Full Ant1



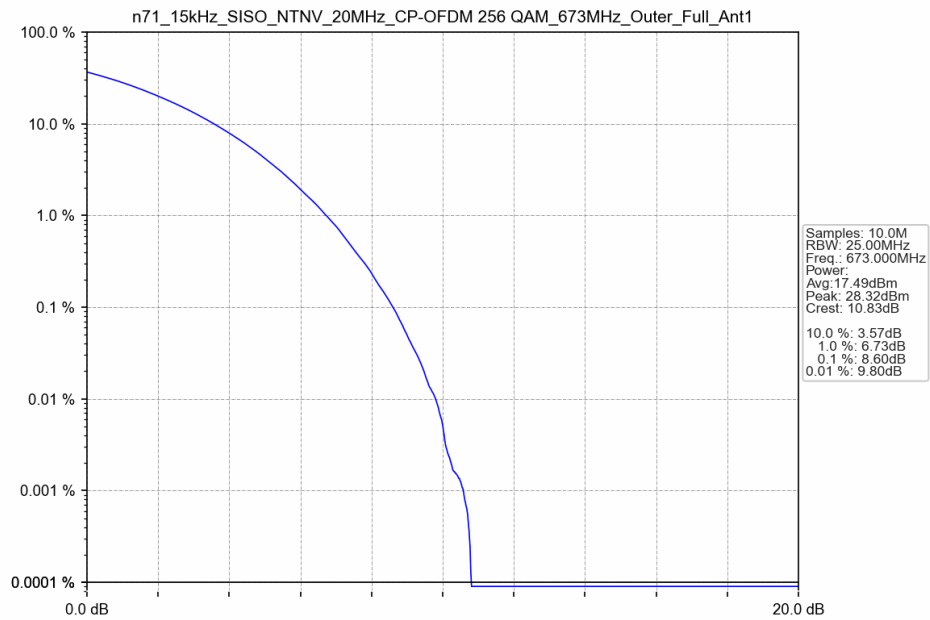
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_680.5MHz_Outer_Full_Ant1



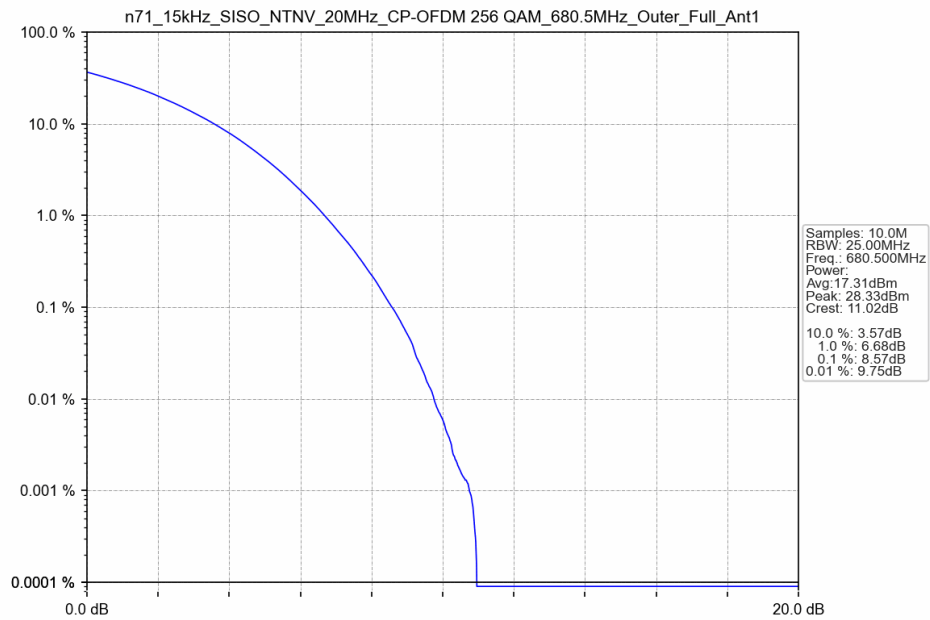
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_688MHz_Outer_Full_Ant1



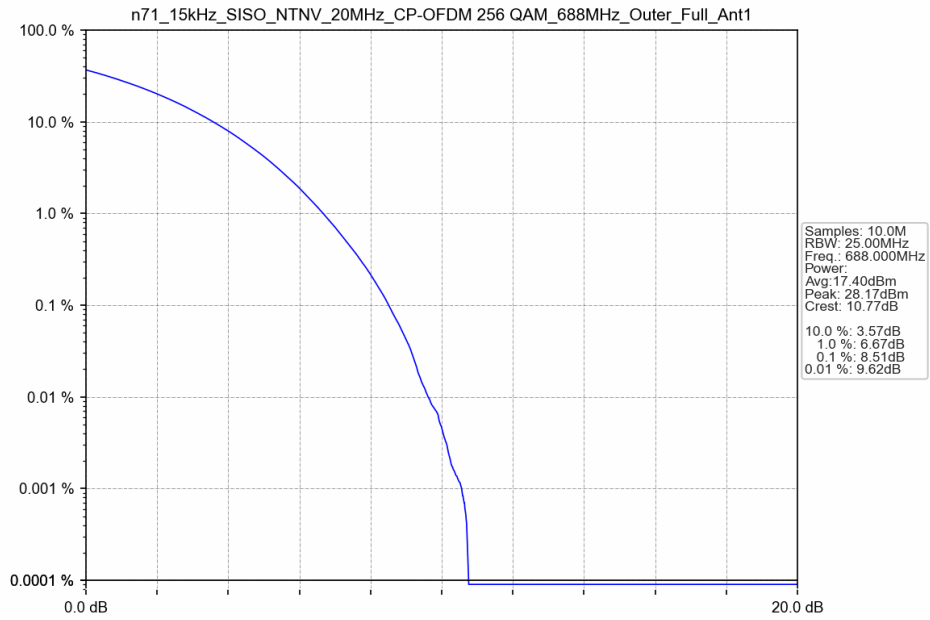
n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_673MHz_Outer_Full_Ant1



n71_15kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_680.5MHz_Outer_Full_Ant1



n71 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 688MHz Outer Full Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n71 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	665.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Left	Refer To Test Graph				Pass
	680.5	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Right	Refer To Test Graph				Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n71 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	668	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Left	Refer To Test Graph				Pass
	680.5	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
		Inner 1RB Right	Refer To Test Graph				Pass

5.1.3 15k_SISO_15MHz_NTNV

5G NR n71 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	670.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	680.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

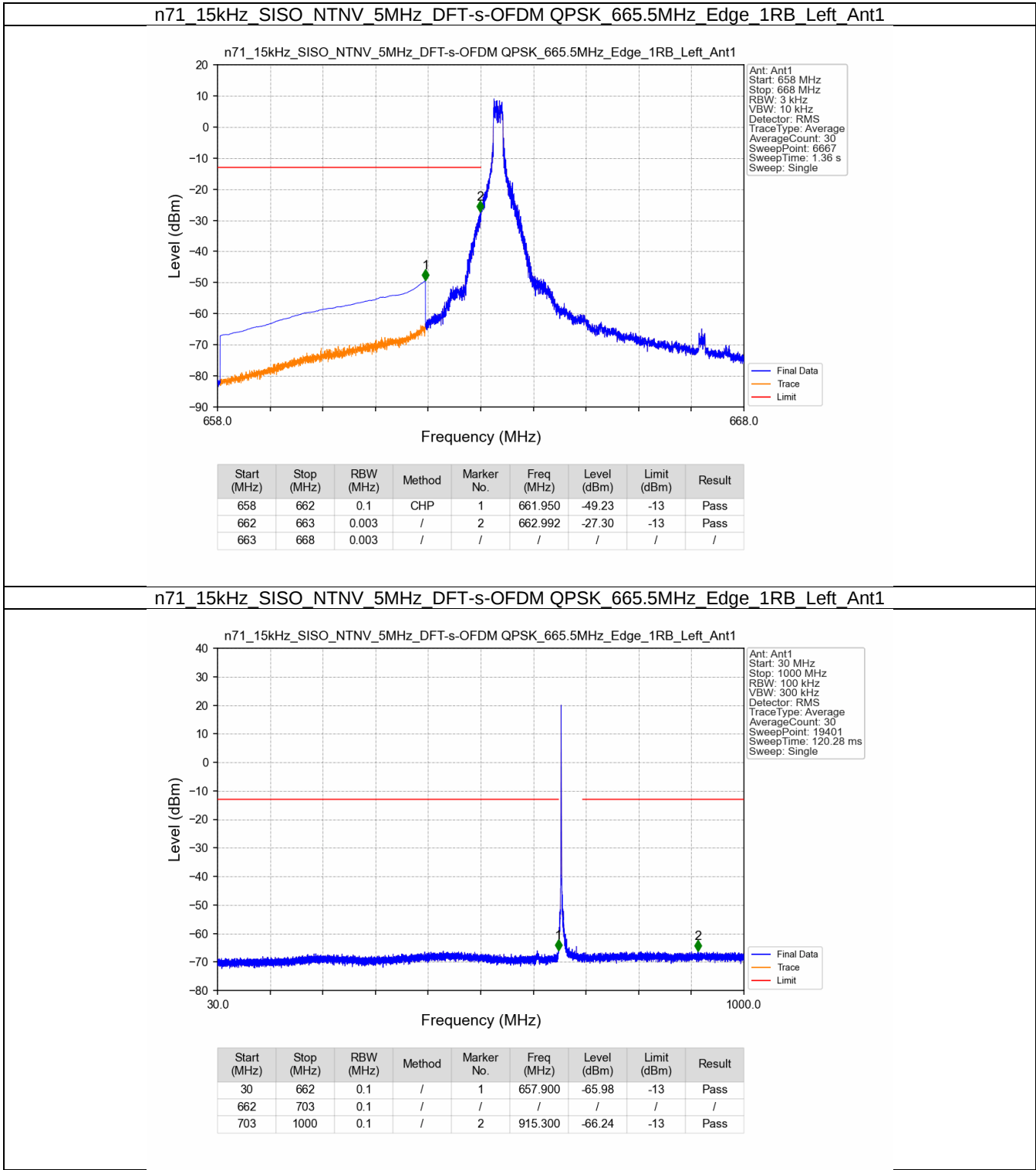
5.1.4 15k_SISO_20MHz_NTNV

5G NR n71 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	673	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

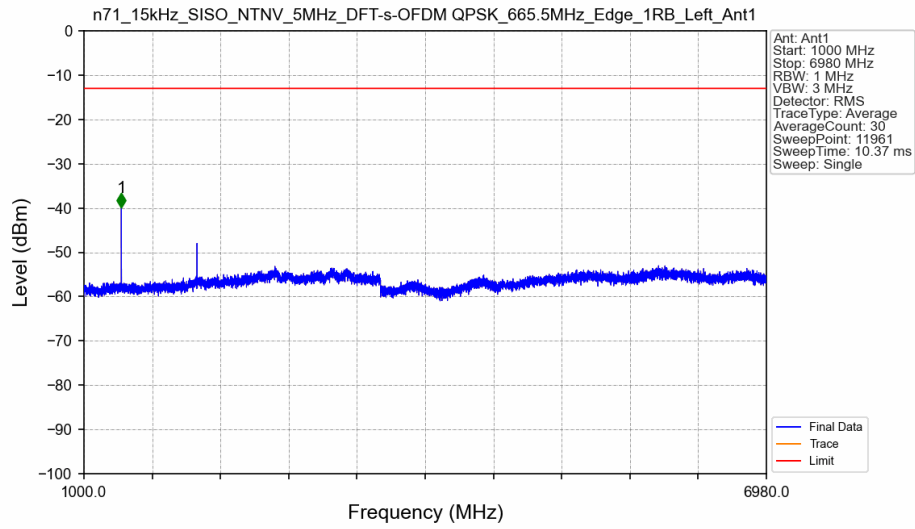
		Inner 1RB Left	Refer To Test Graph	Pass
	680.5	Edge 1RB Left	Refer To Test Graph	Pass
	688	Edge 1RB Right	Refer To Test Graph	Pass
		Outer Full	Refer To Test Graph	Pass
		Inner 1RB Right	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

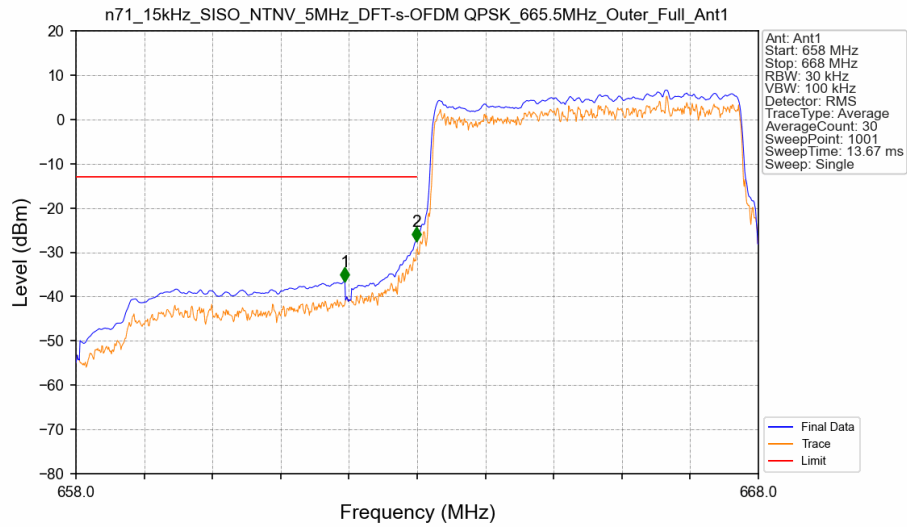


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Edge_1RB_Left_Ant1



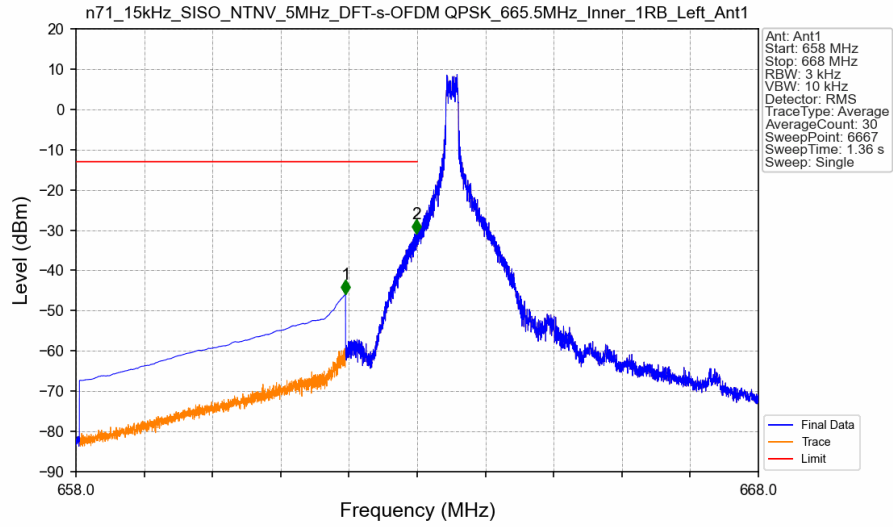
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-39.91	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_665.5MHz_Outer_Full_Ant1

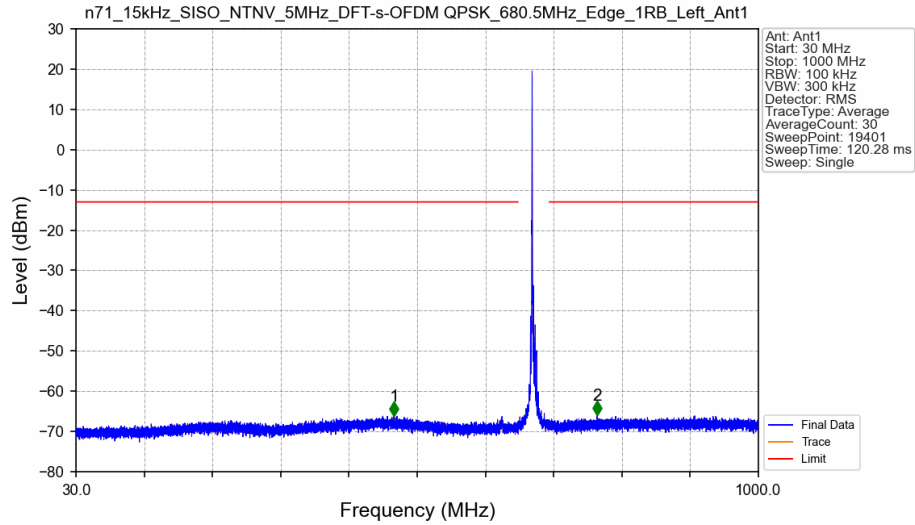


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.940	-36.57	-13	Pass
662	663	0.0675	CHP	2	662.990	-27.46	-13	Pass
663	668	0.0675	CHP	/	/	/	/	/

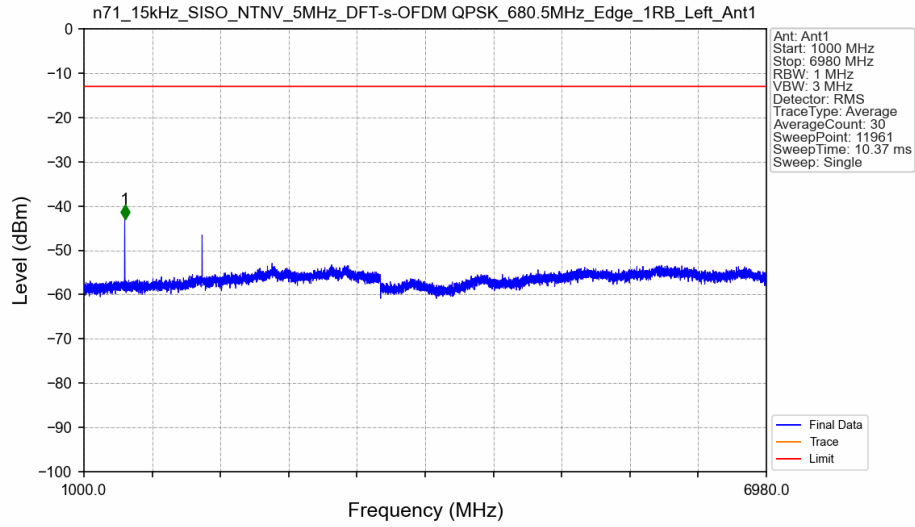
n71 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 665.5MHz Inner 1RB Left Ant1



n71 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left Ant1

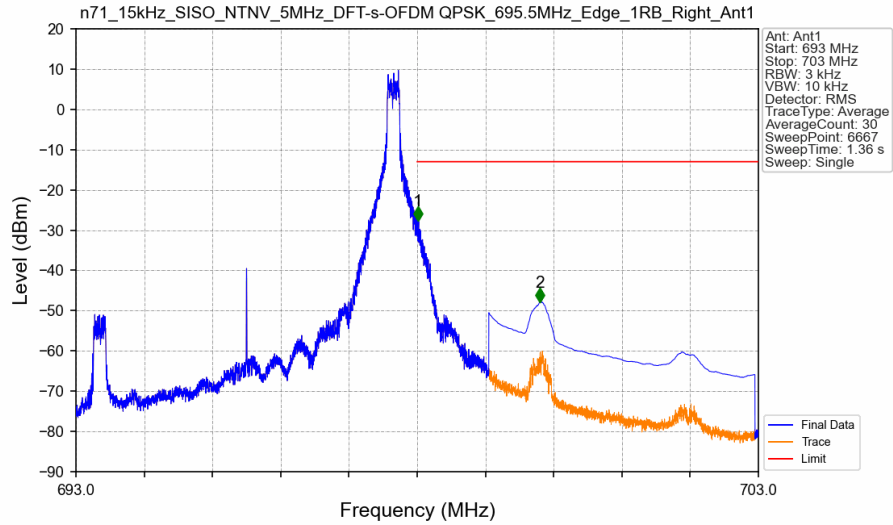


n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



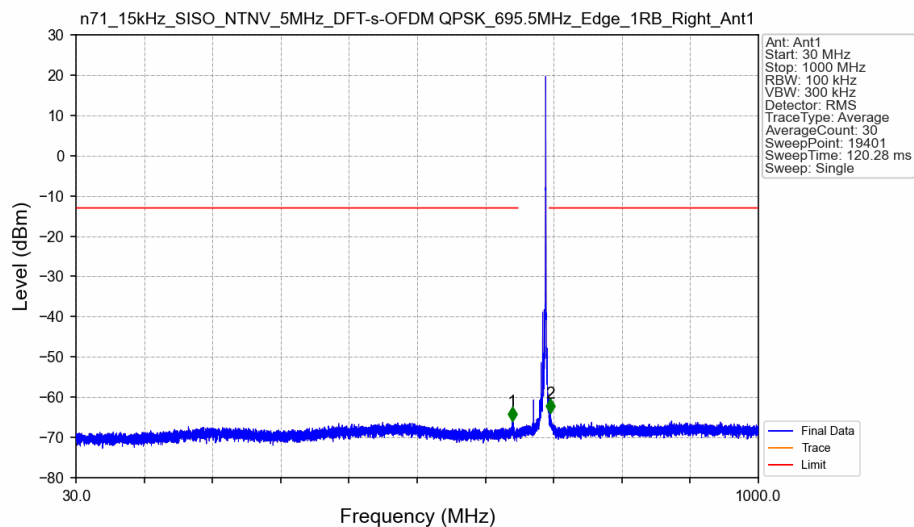
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1357.000	-42.92	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant1



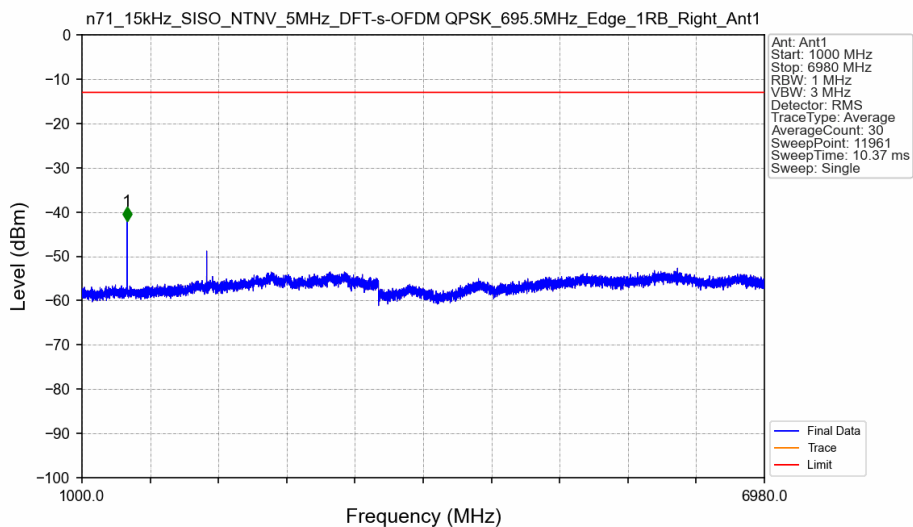
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.009	-27.65	-13	Pass
699	703	0.1	CHP	2	699.802	-47.80	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant1



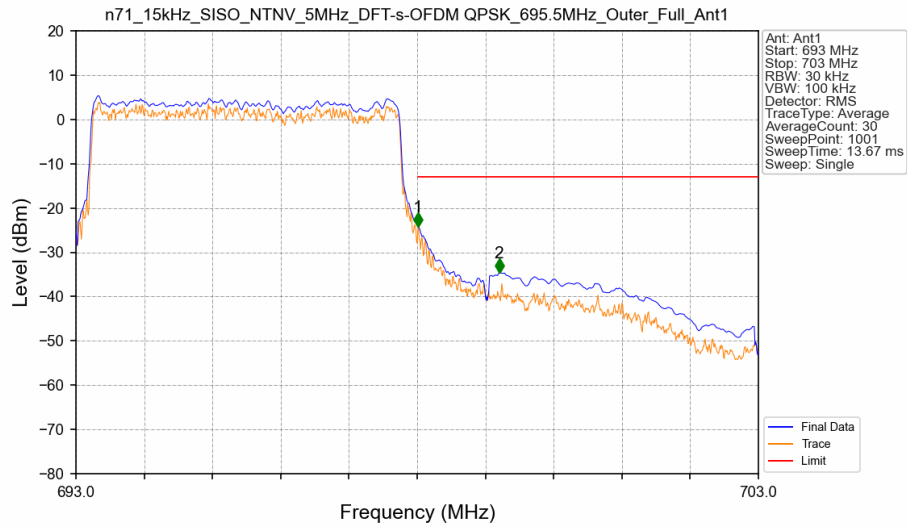
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	662	0.1	/	1	650.300	-65.99	-13	Pass
662	703	0.1	/	/	/	/	/	/
703	1000	0.1	/	2	704.150	-63.97	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_695.5MHz_Edge_1RB_Right_Ant1



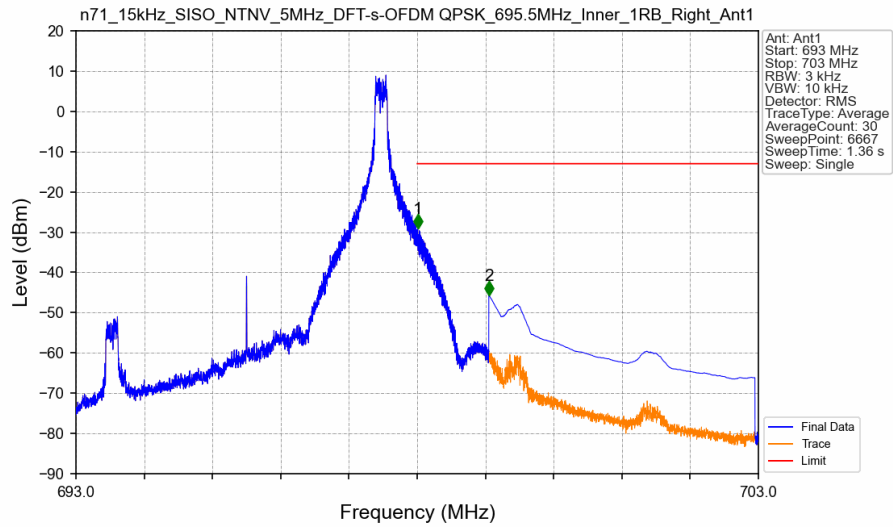
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1395.500	-42.04	-13	Pass

n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_695.5MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.05366	CHP	/	/	/	/	/
698	699	0.05366	CHP	1	698.010	-24.19	-13	Pass
699	703	0.1	CHP	2	699.200	-34.64	-13	Pass

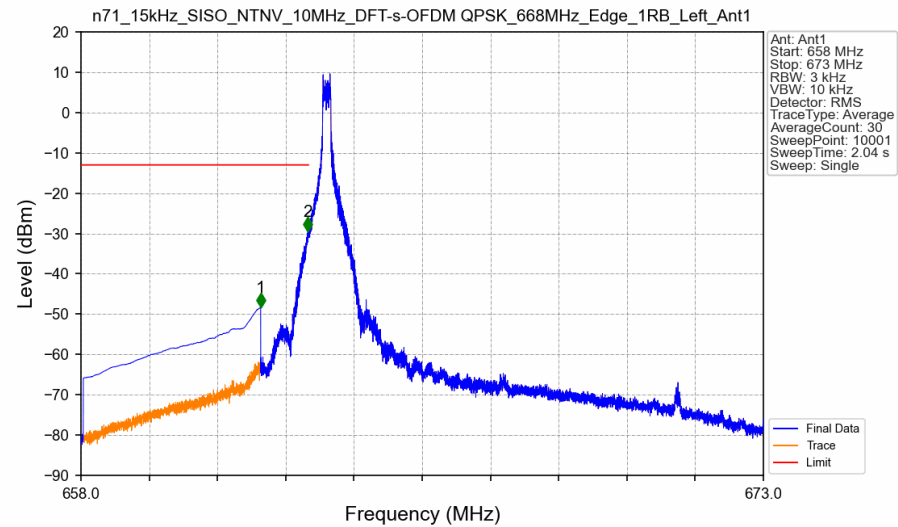
n71_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_695.5MHz_Inner_1RB_Right_Ant1



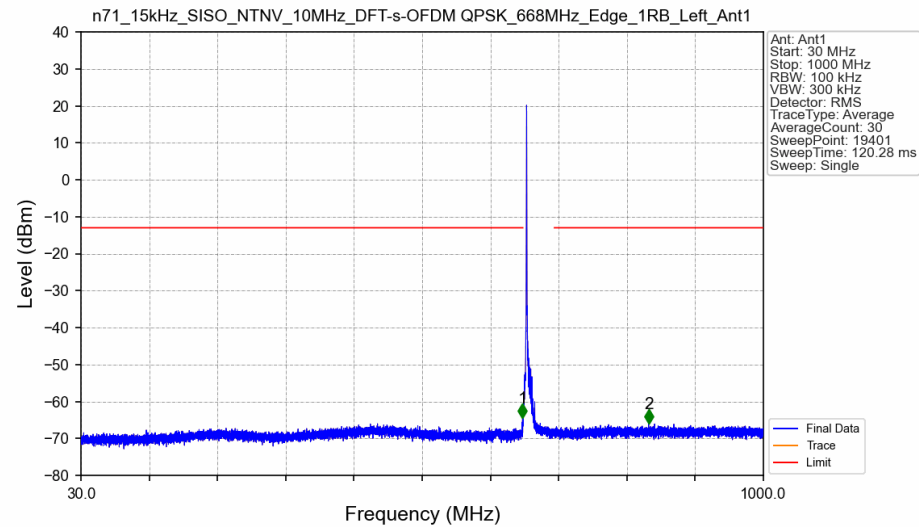
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.008	-29.12	-13	Pass
699	703	0.1	CHP	2	699.050	-45.68	-13	Pass

5.2.2 15k_SISO_10MHz_NTNV

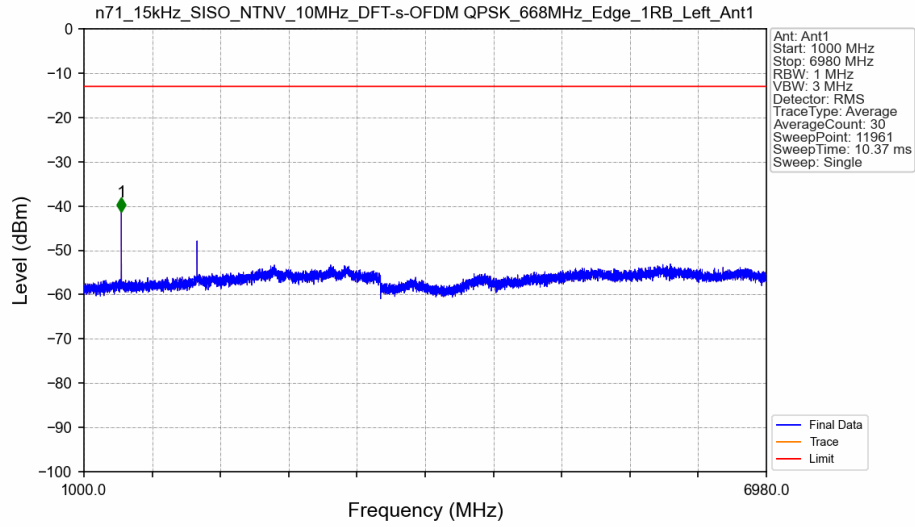
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_668MHz_Edge_1RB_Left_Ant1



n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_668MHz_Edge_1RB_Left_Ant1

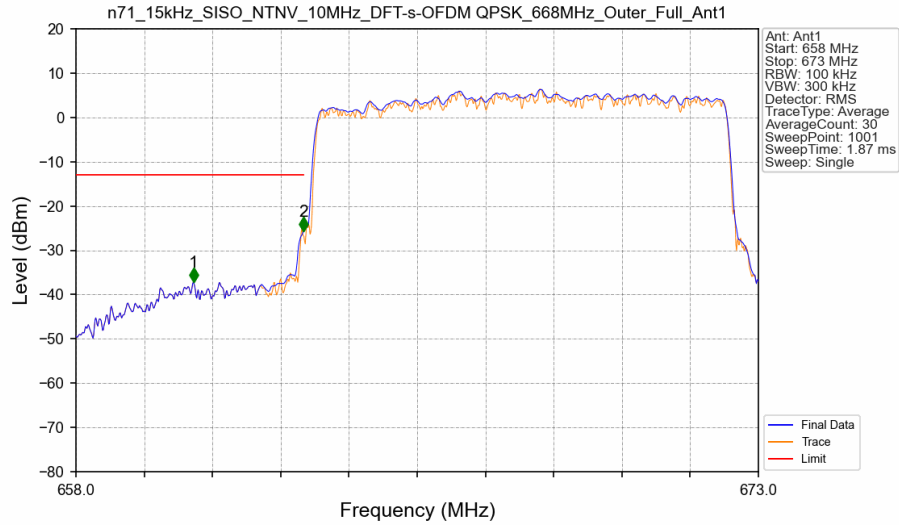


n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Edge 1RB Left Ant1



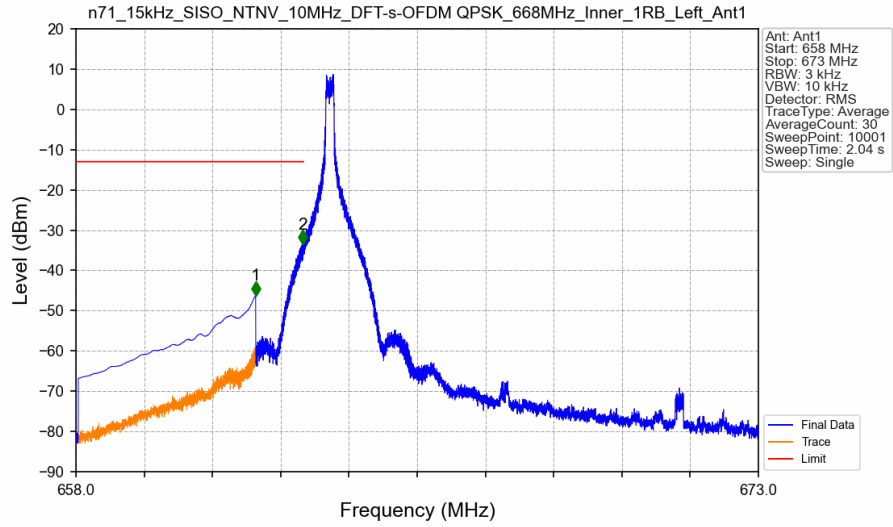
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1327.000	-41.23	-13	Pass

n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Outer Full Ant1

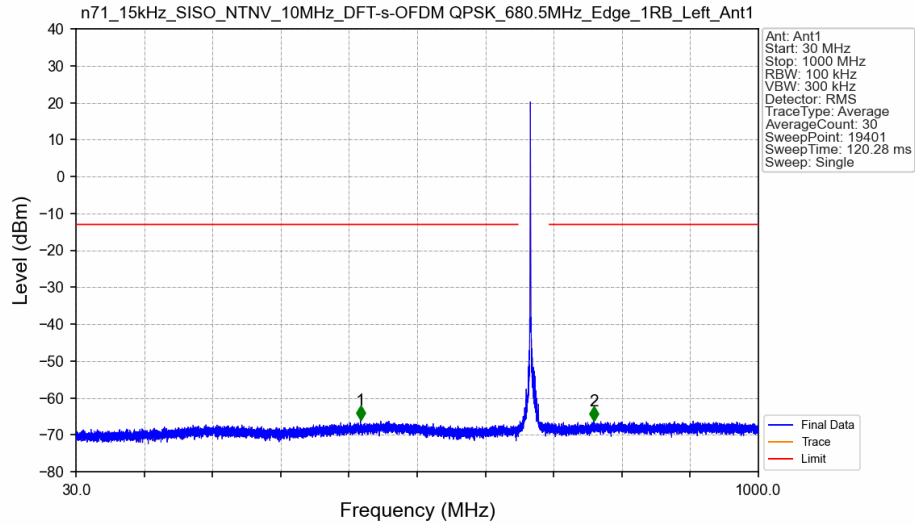


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	660.580	-37.15	-13	Pass
662	663	0.135	CHP	2	662.995	-25.71	-13	Pass
663	673	0.135	CHP	/	/	/	/	/

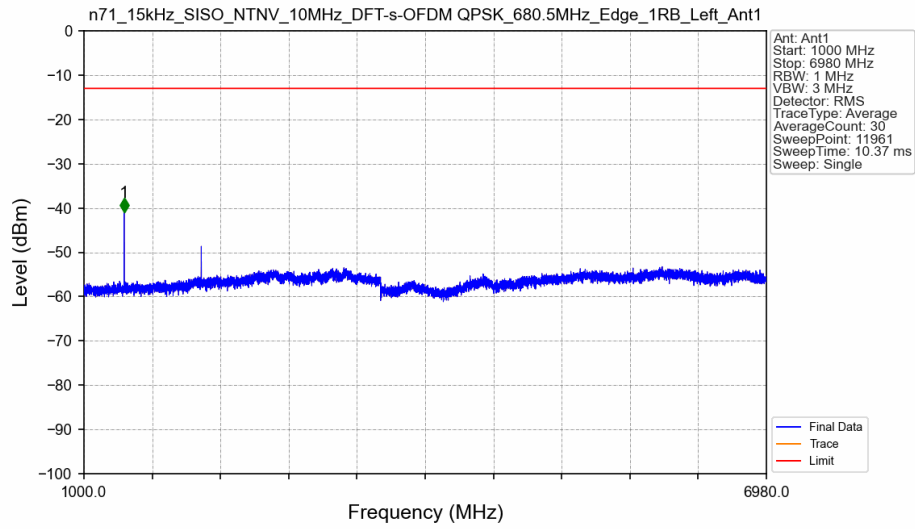
n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 668MHz Inner 1RB Left Ant1



n71 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 680.5MHz Edge 1RB Left Ant1

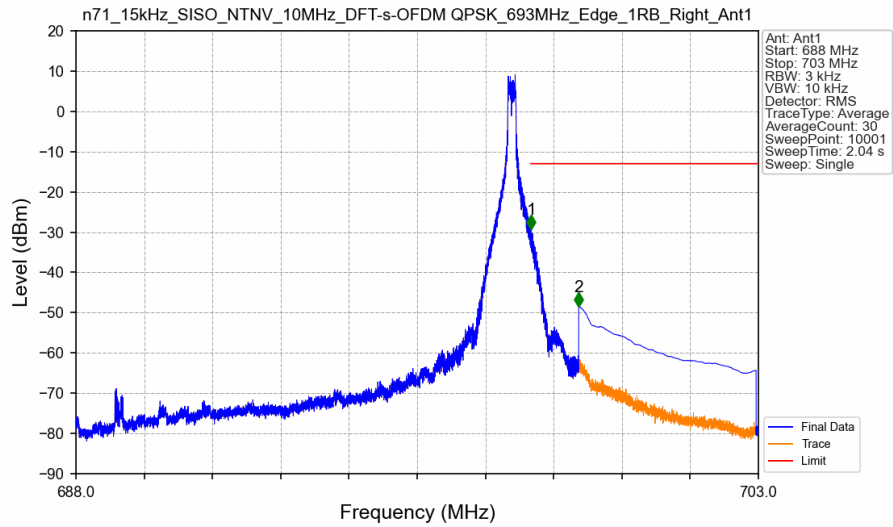


n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_680.5MHz_Edge_1RB_Left_Ant1



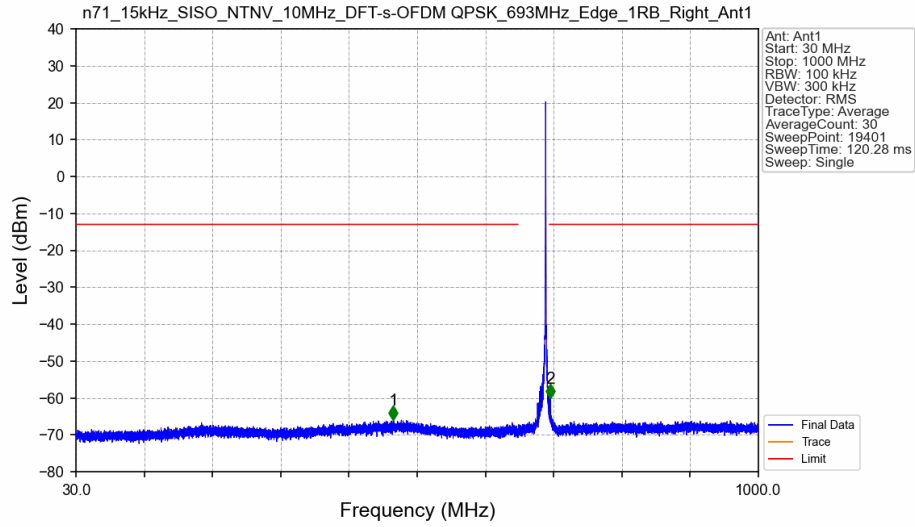
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	6980	1	/	1	1352.000	-40.94	-13	Pass

n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_693MHz_Edge_1RB_Right_Ant1

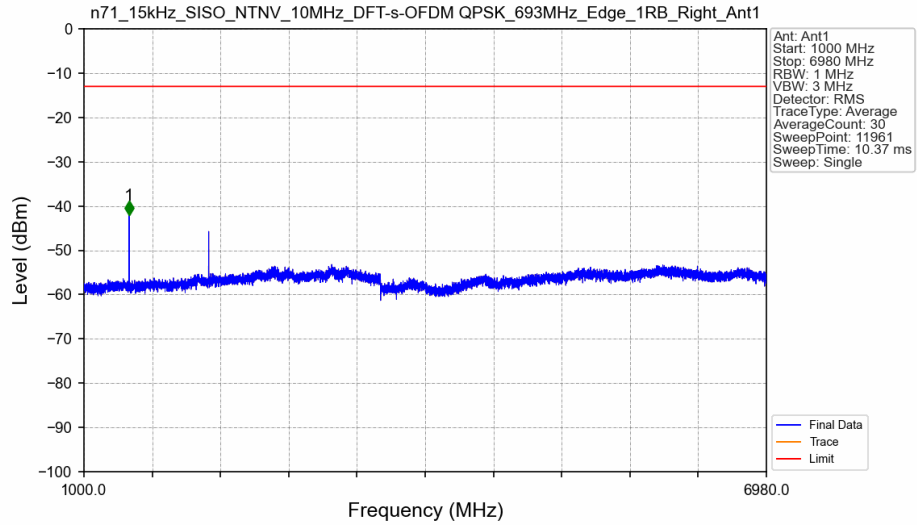


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
688	699	0.003	/	1	698.008	-29.17	-13	Pass
699	703	0.1	CHP	2	699.051	-48.48	-13	Pass

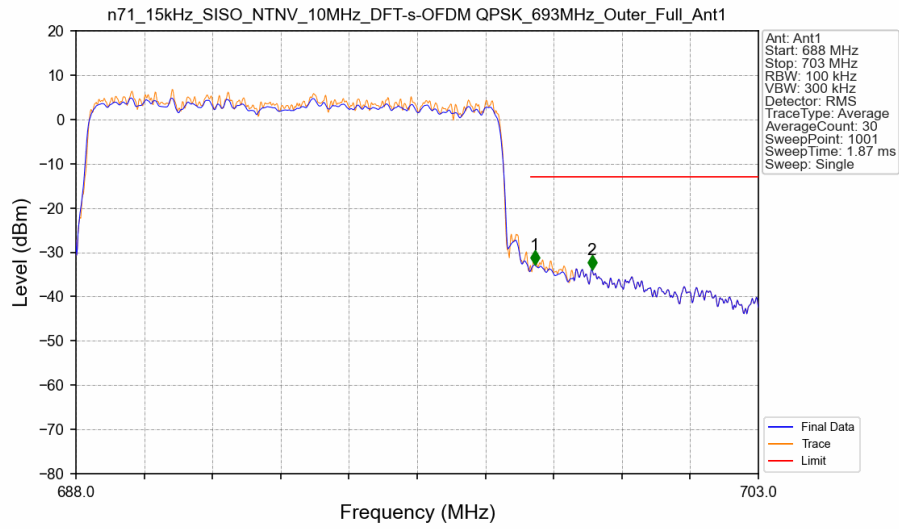
n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_693MHz_Edge_1RB_Right_Ant1



n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_693MHz_Edge_1RB_Right_Ant1

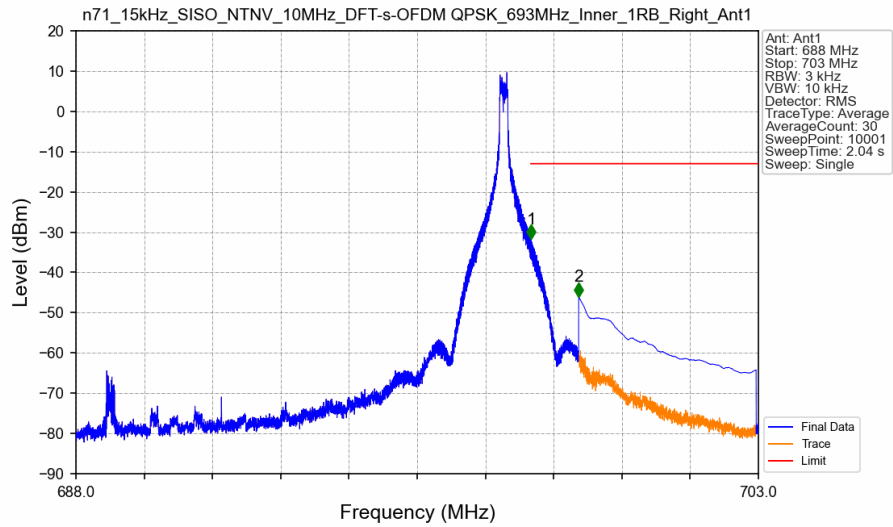


n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_693MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.10043	CHP	/	/	/	/	/
698	699	0.10043	CHP	1	698.080	-32.85	-13	Pass
699	703	0.1	/	2	699.340	-33.79	-13	Pass

n71_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_693MHz_Inner_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.002	-31.61	-13	Pass
699	703	0.1	CHP	2	699.051	-45.96	-13	Pass

5.2.3 15k_SISO_15MHz_NTNV

