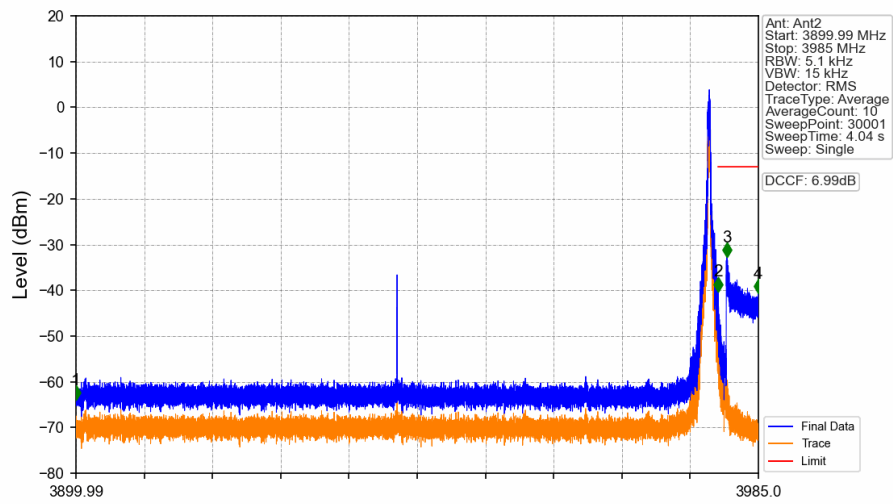
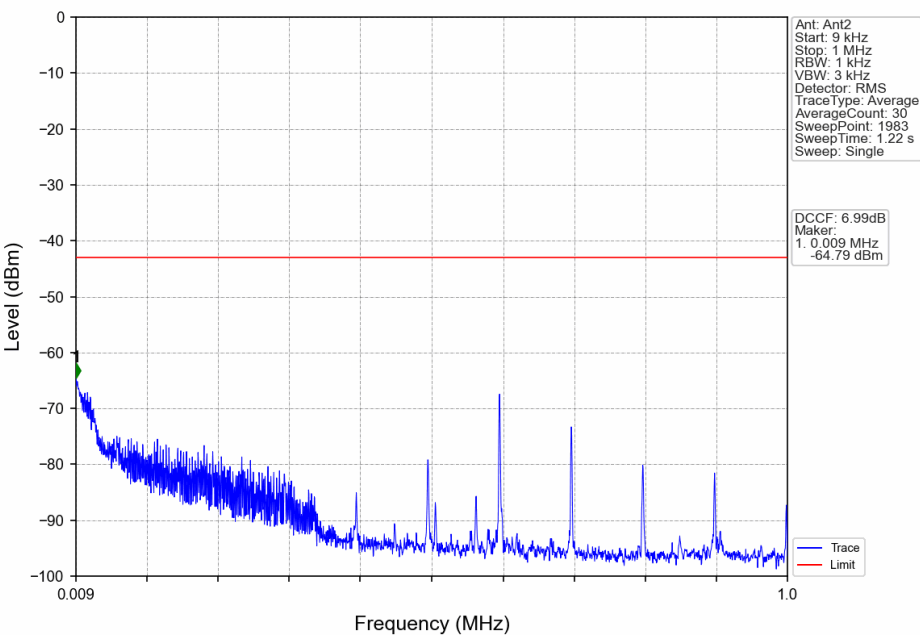


n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right

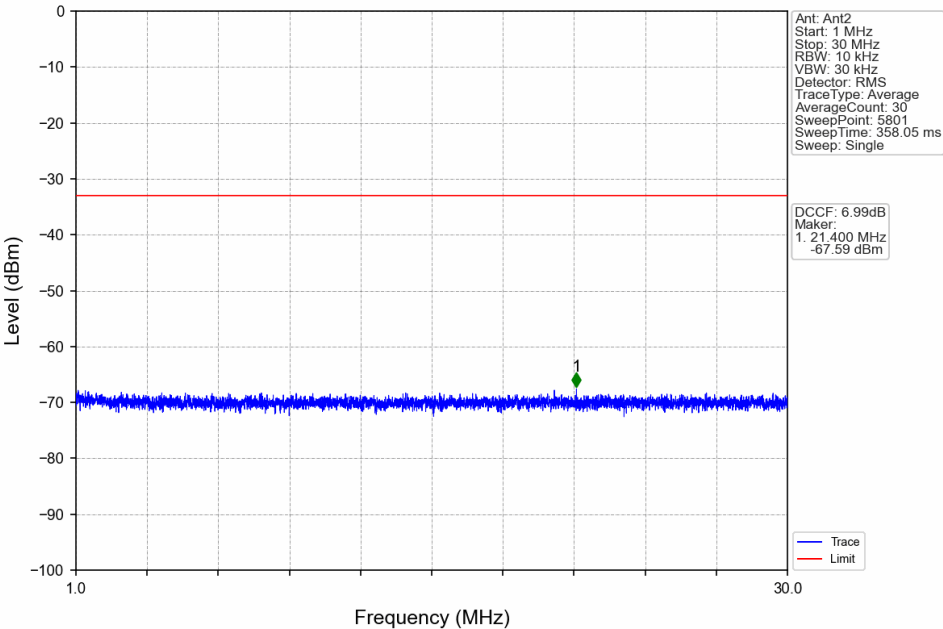


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-63.98	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.004	-40.22	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.081	-32.71	-13	Pass
3984.99	3985	1	22.92	4	3984.991	-40.72	-13	Pass

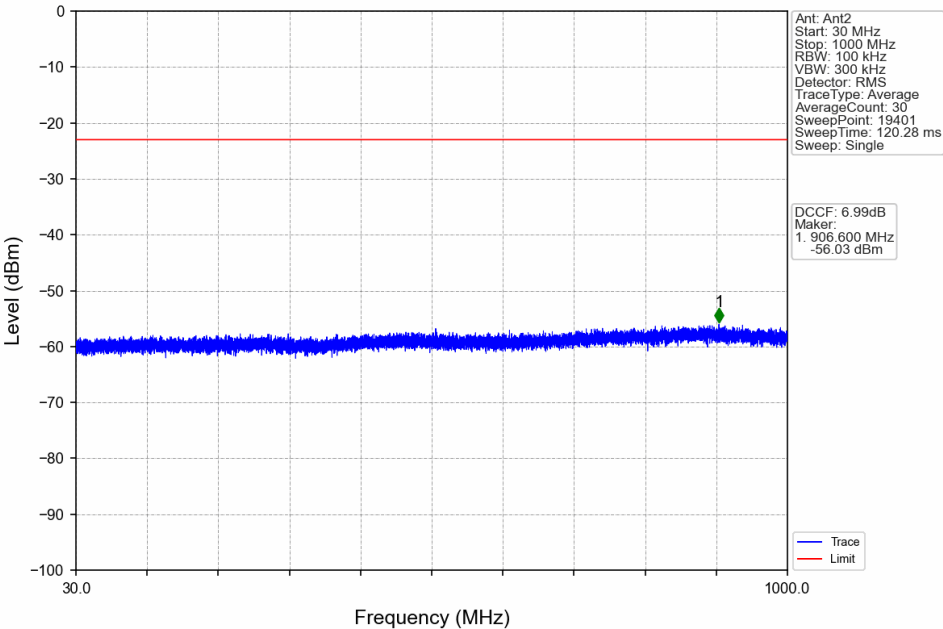
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right



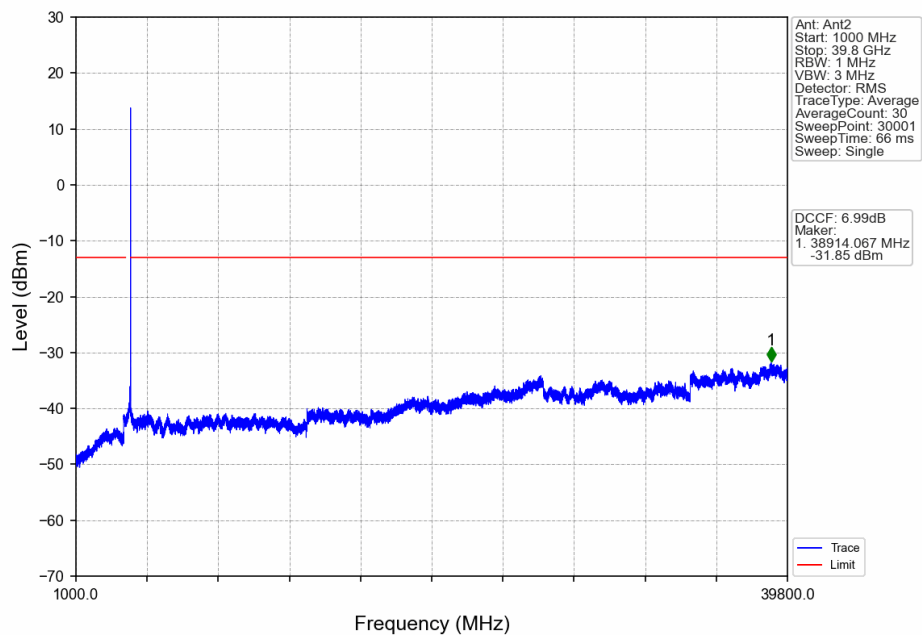
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right



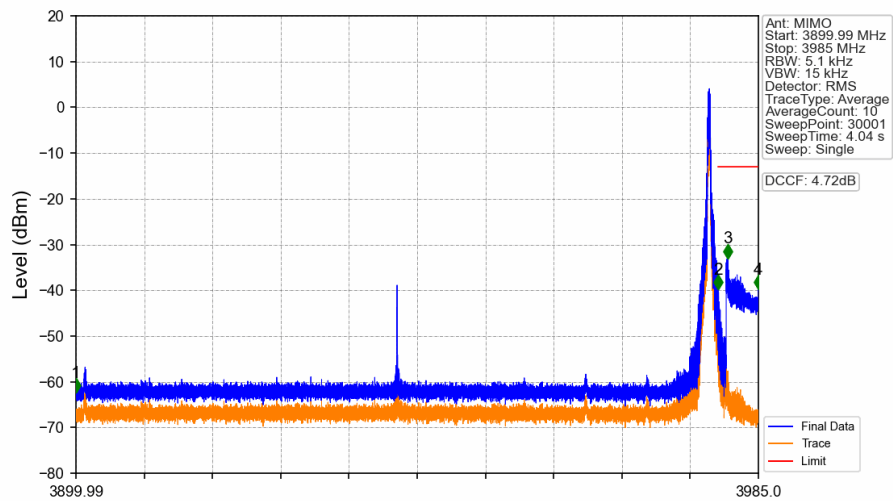
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right



n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right

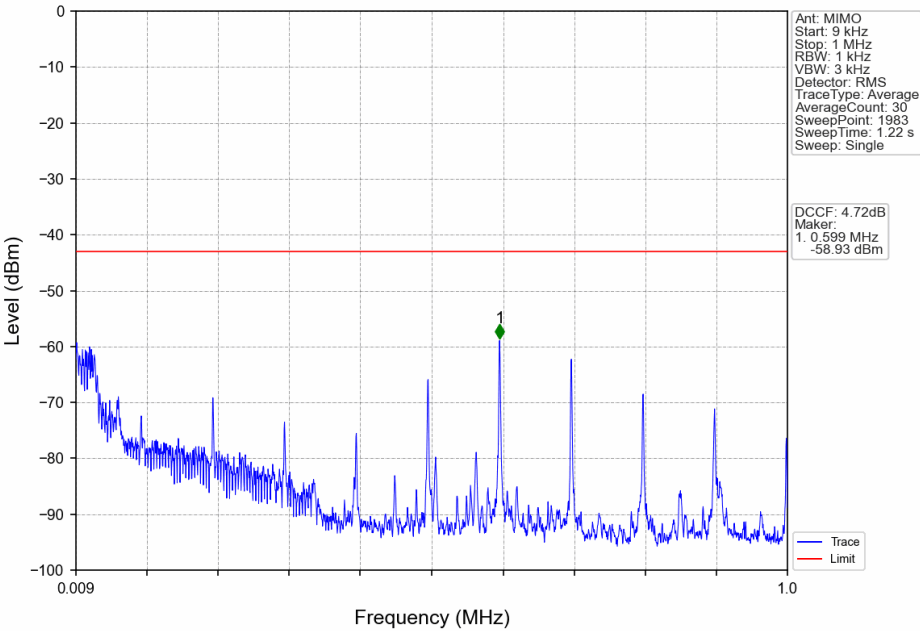


n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right

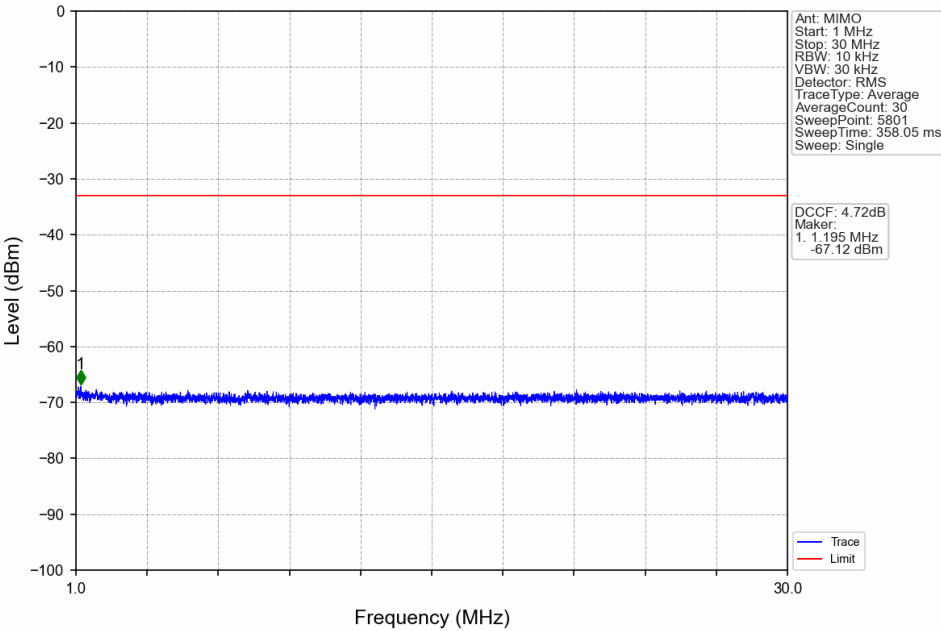


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-62.36	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.004	-39.77	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.186	-32.99	-13	Pass
3984.99	3985	1	22.92	4	3984.991	-39.86	-13	Pass

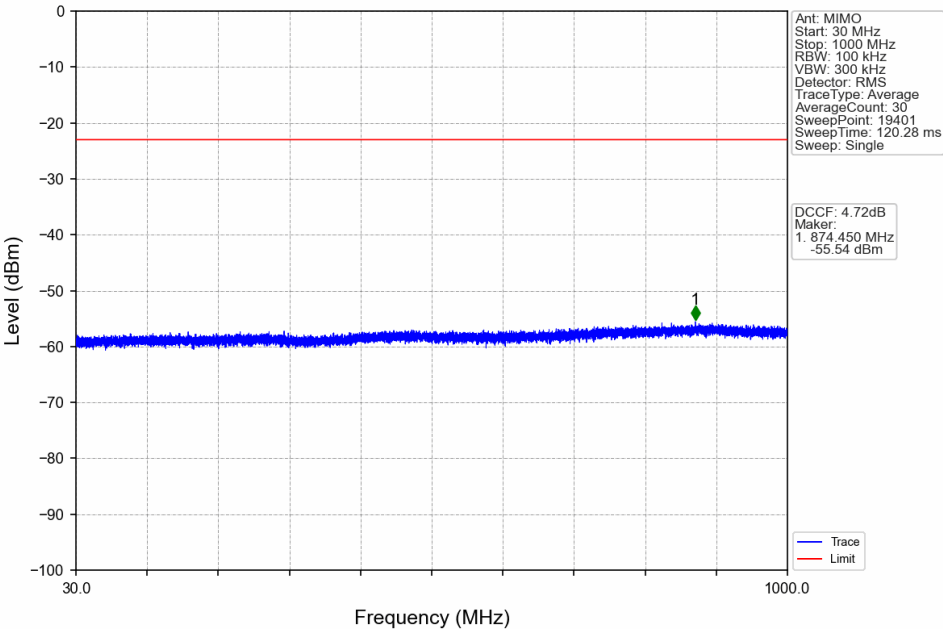
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right



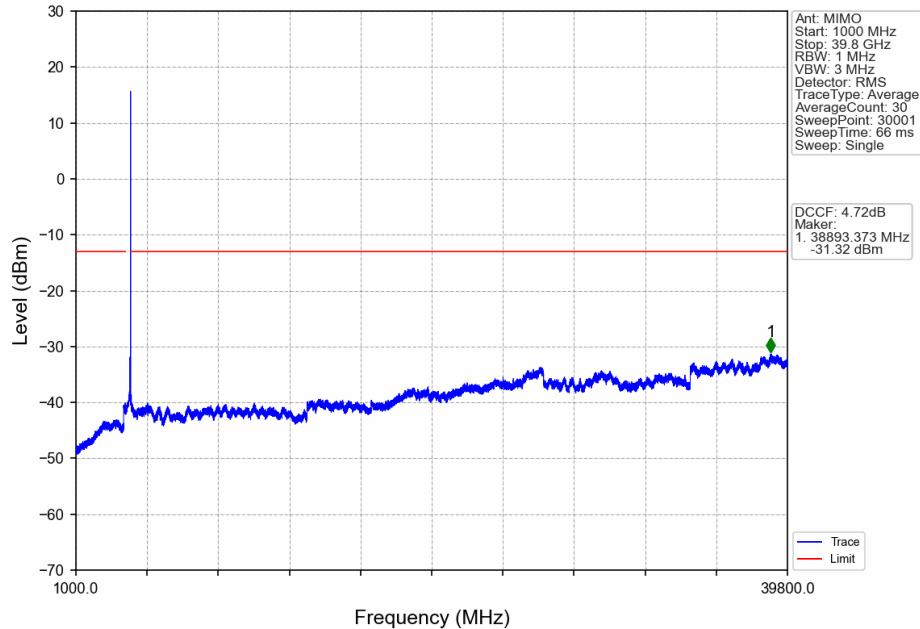
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right



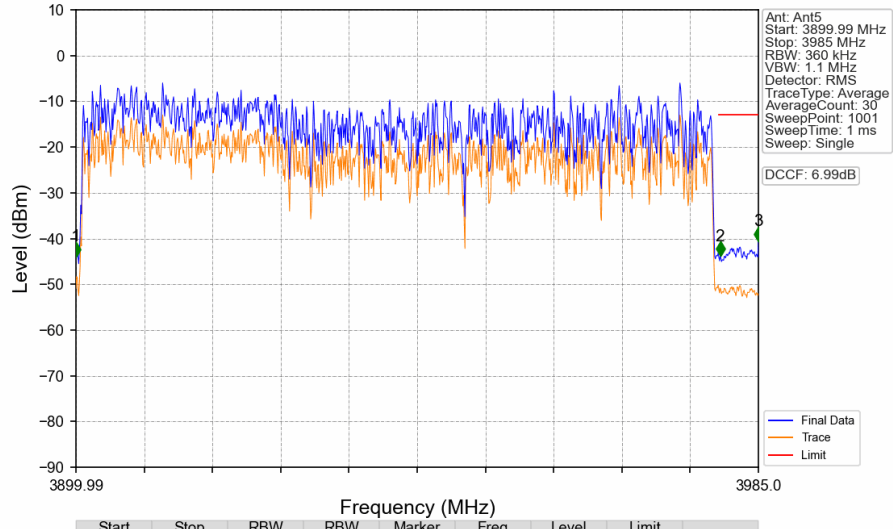
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right



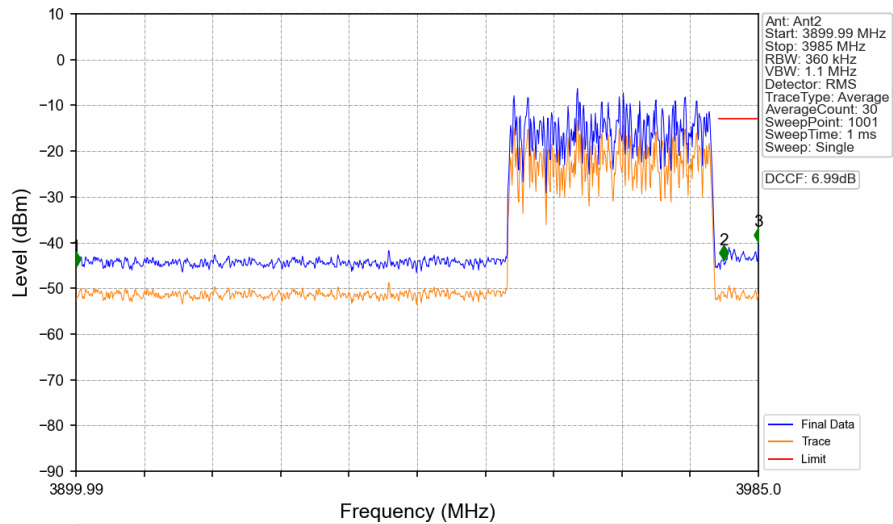
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Edge 1RB Right



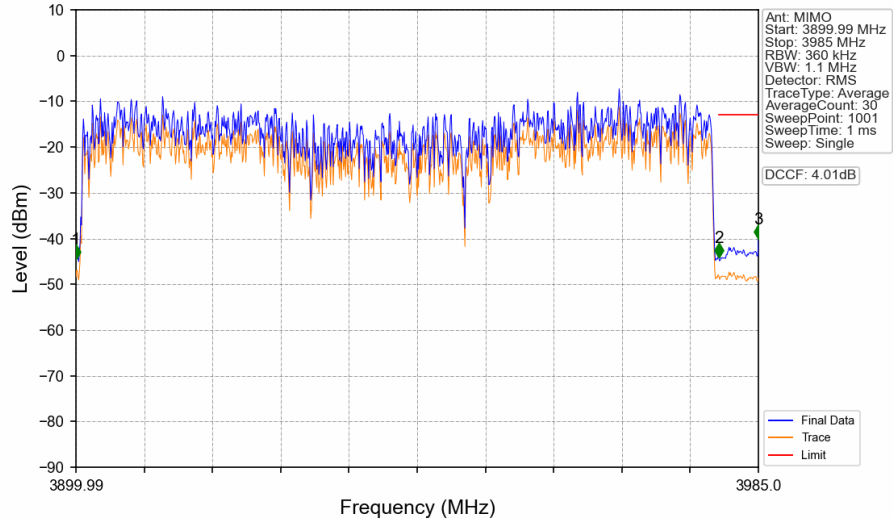
n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Outer Full



n77a 30kHz MIMO NTN 80MHz CP-OFDM QPSK 3939.99MHz Outer Full

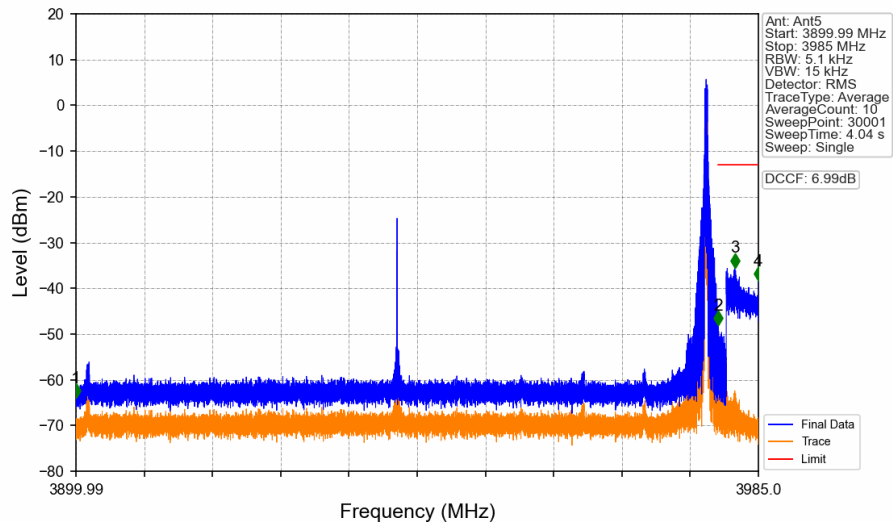


n77a 30kHz MIMO NTNV 80MHz CP-OFDM QPSK 3939.99MHz Outer Full



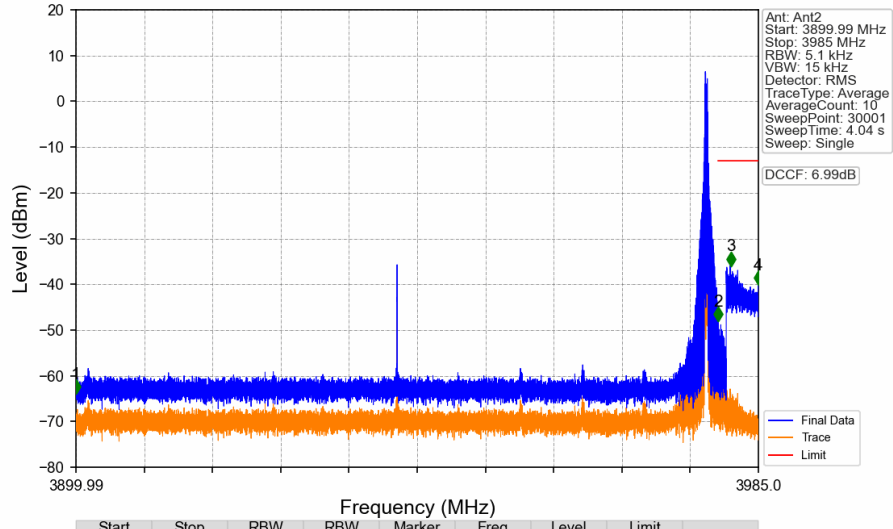
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.36	0	1	3899.990	-44.45	-13	Pass
3979.99	3979.99	0.36	0	/	/	/	/	/
3979.99	3980.99	0.36	0	2	3980.069	-44.19	-13	Pass
3980.99	3984.99	0.5	1.43	3	3985.000	-40.15	-13	Pass

n77a 30kHz MIMO NTNV 80MHz CP-OFDM QPSK 3939.99MHz Inner 1RB Right



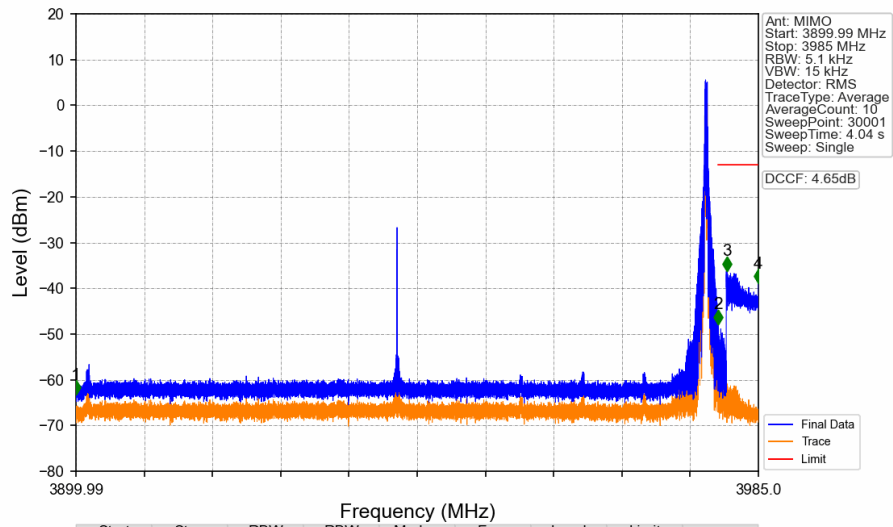
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-63.96	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3979.990	-48.07	-13	Pass
3980.99	3984.99	0.5	19.91	3	3982.059	-35.50	-13	Pass
3984.99	3985	1	22.92	4	3985.000	-38.37	-13	Pass

n77a 30kHz MIMO NTNV 80MHz CP-OFDM QPSK 3939.99MHz Inner 1RB Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-63.91	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.004	-48.09	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.537	-36.00	-13	Pass
3984.99	3985	1	22.92	4	3984.994	-40.21	-13	Pass

n77a 30kHz MIMO NTNV 80MHz CP-OFDM QPSK 3939.99MHz Inner 1RB Right



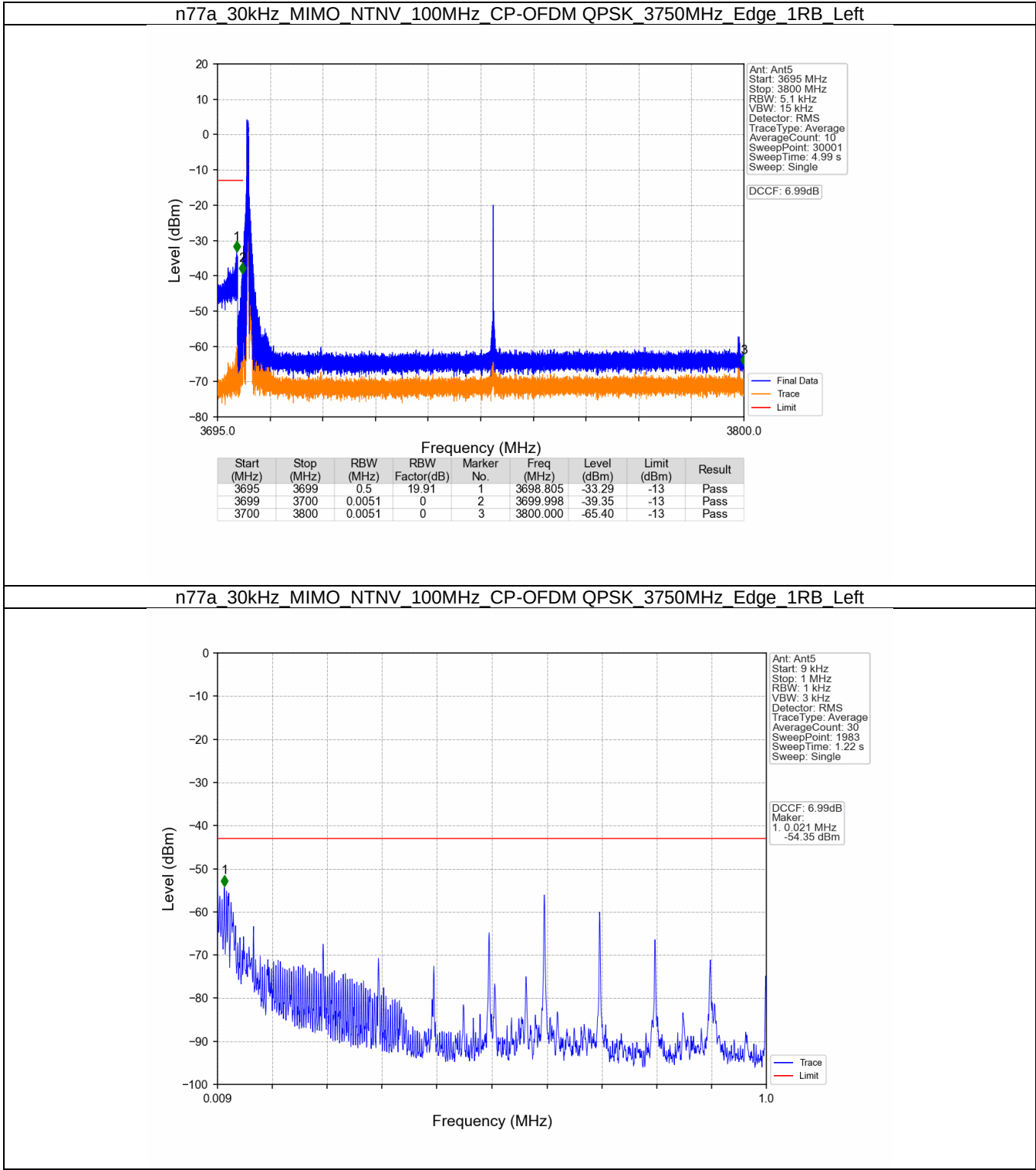
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-63.27	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3979.990	-47.84	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.061	-36.18	-13	Pass
3984.99	3985	1	22.92	4	3985.000	-38.95	-13	Pass

1.12 30k_MIMO_100MHz_NTNV

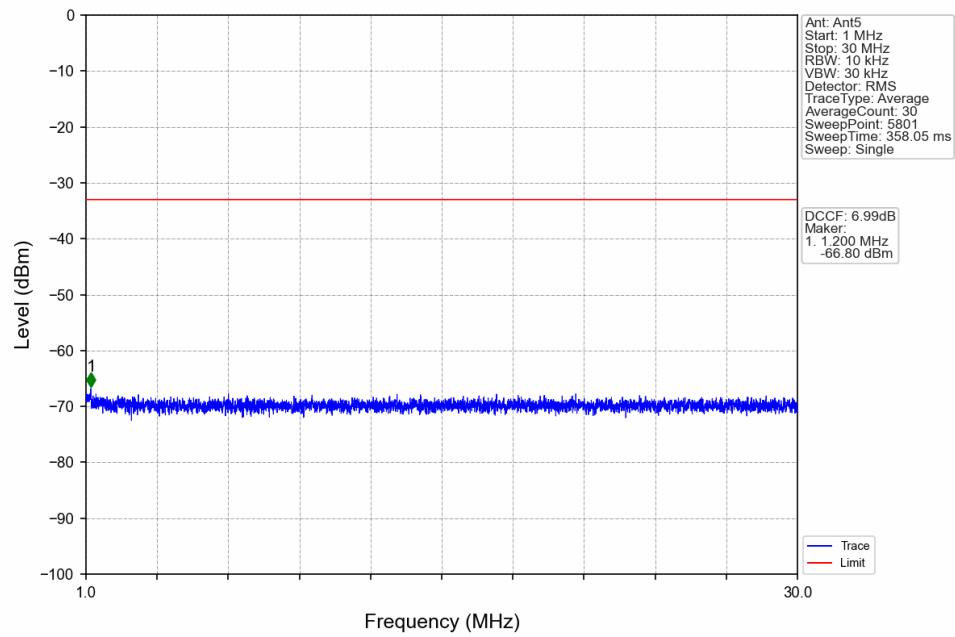
1.12.1 Test Result

5G NR n77a SCS=30kHz MIMO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3930	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

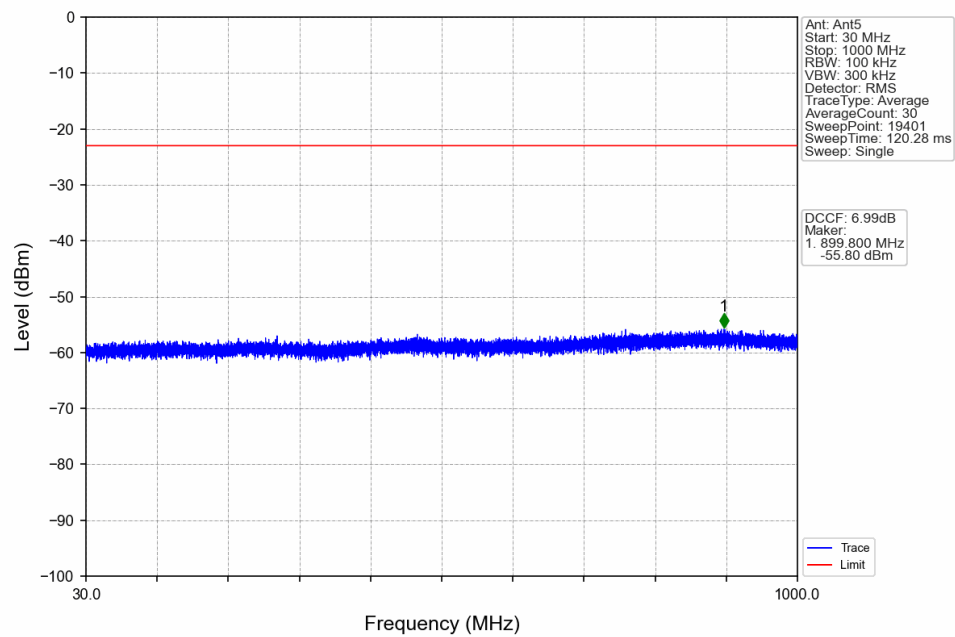
1.12.2 Test Graph



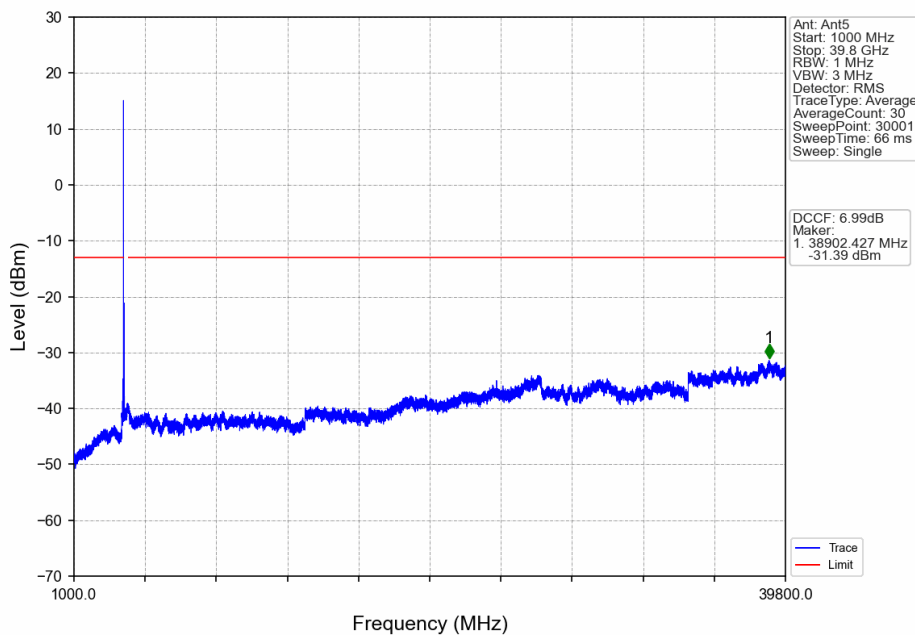
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



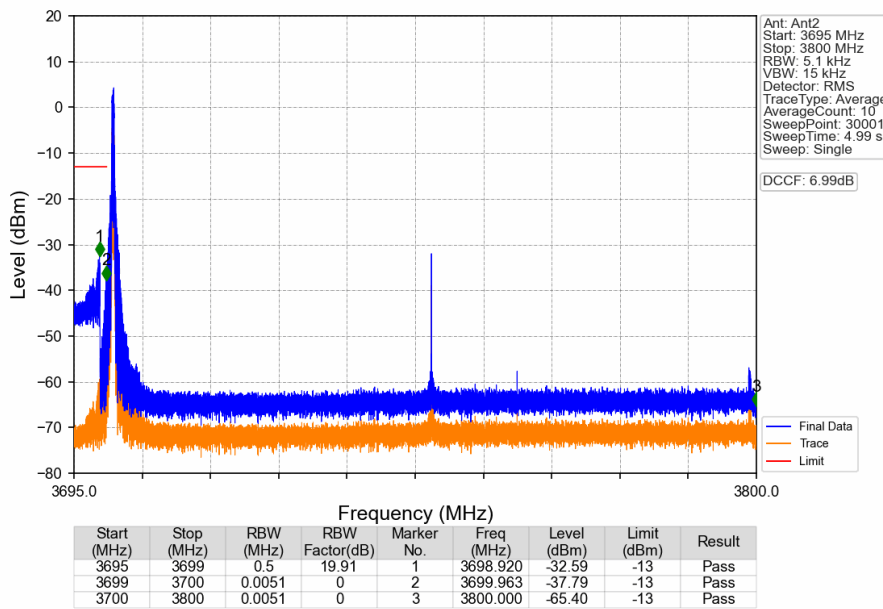
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



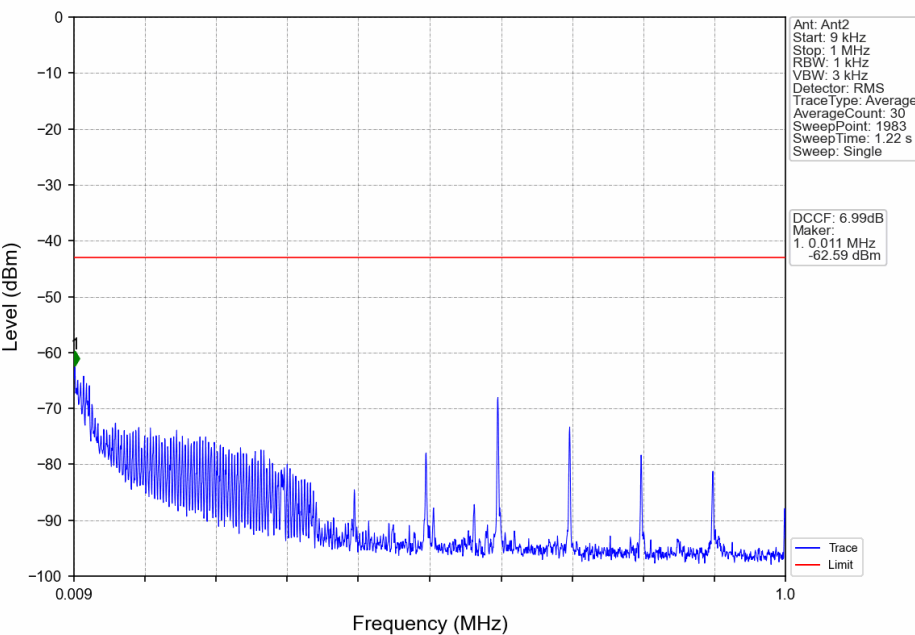
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



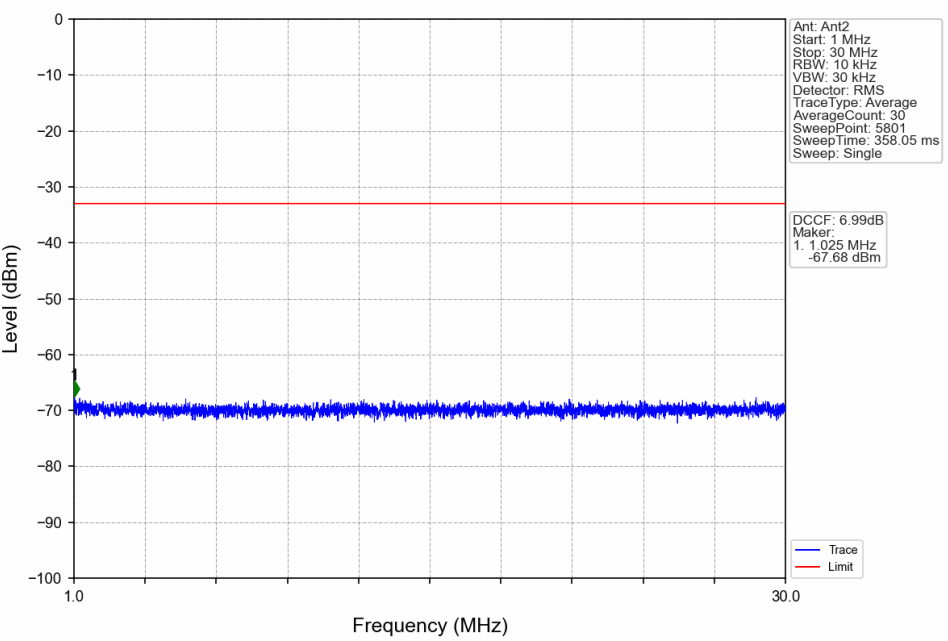
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



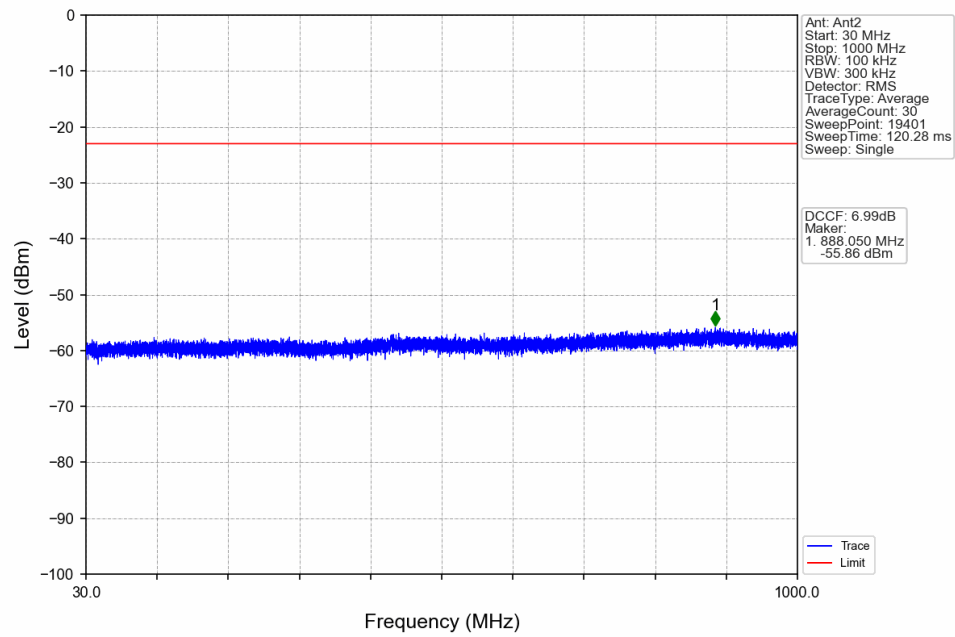
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



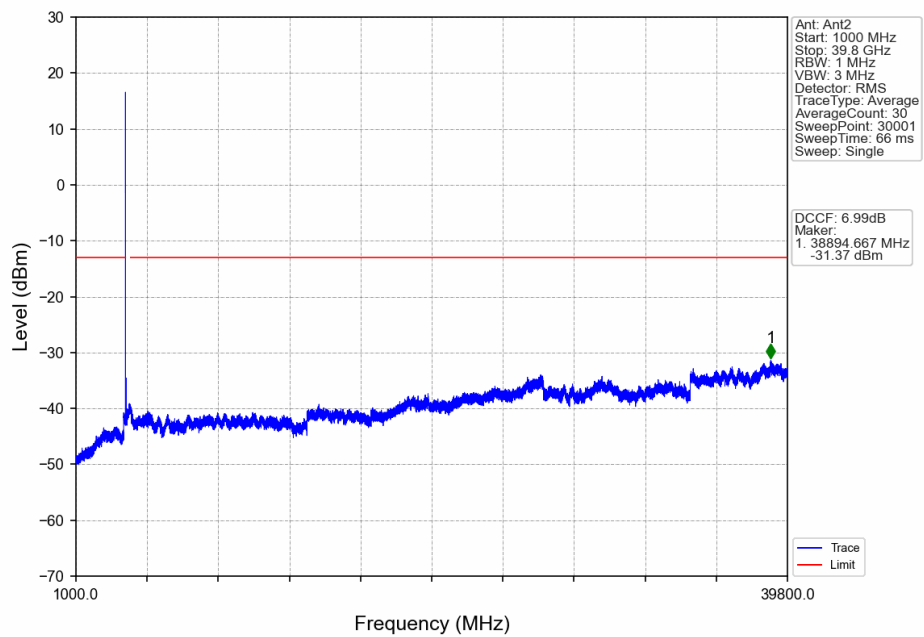
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



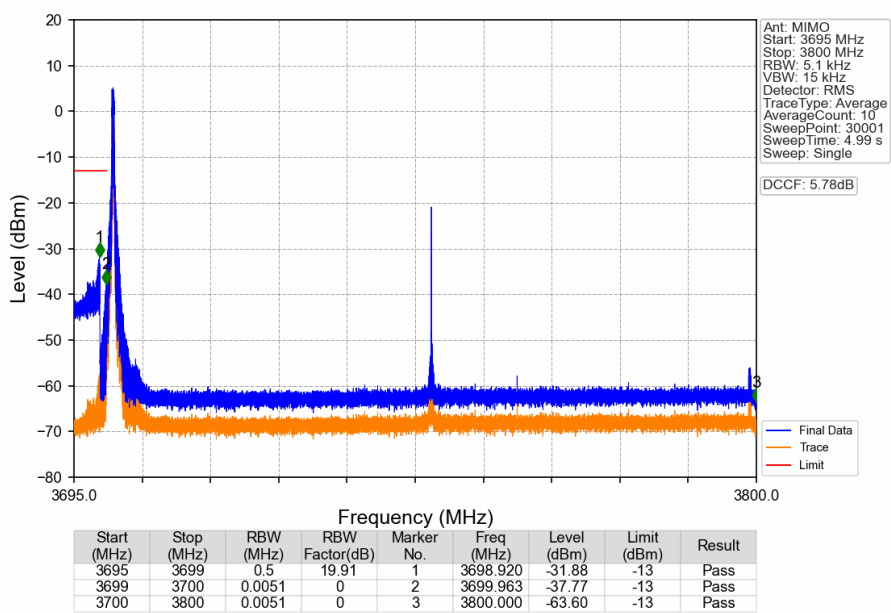
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



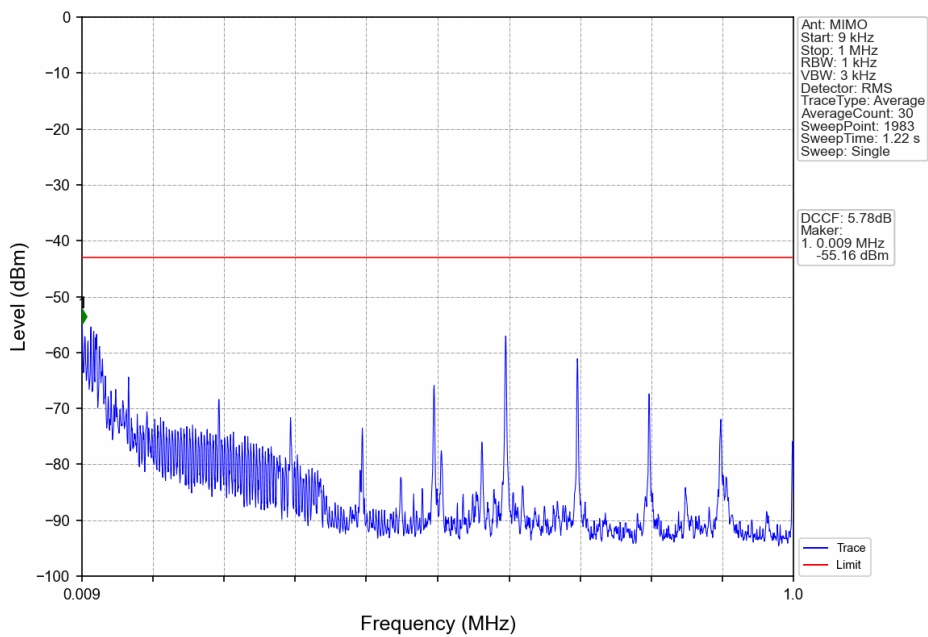
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



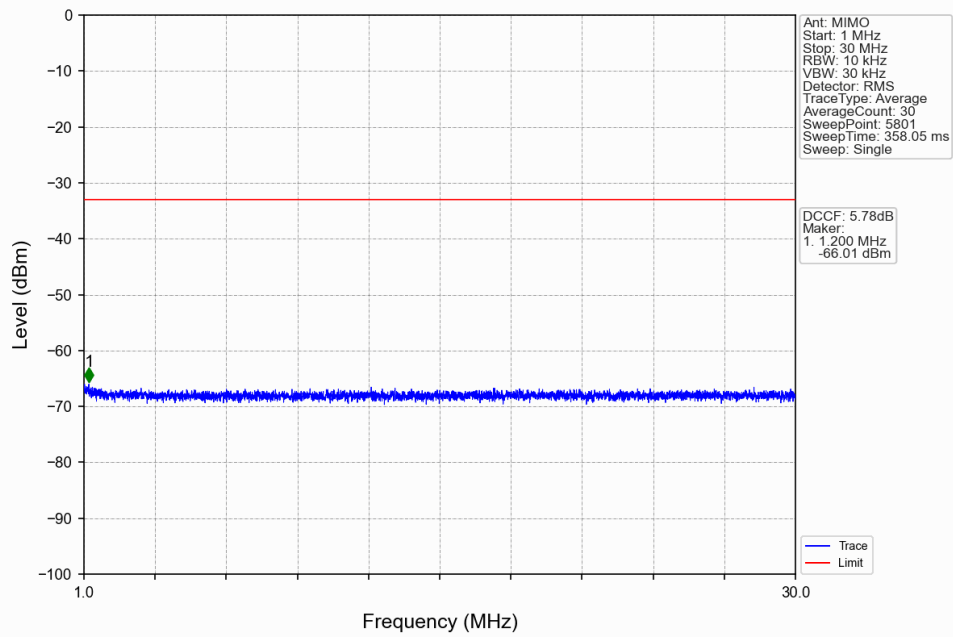
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



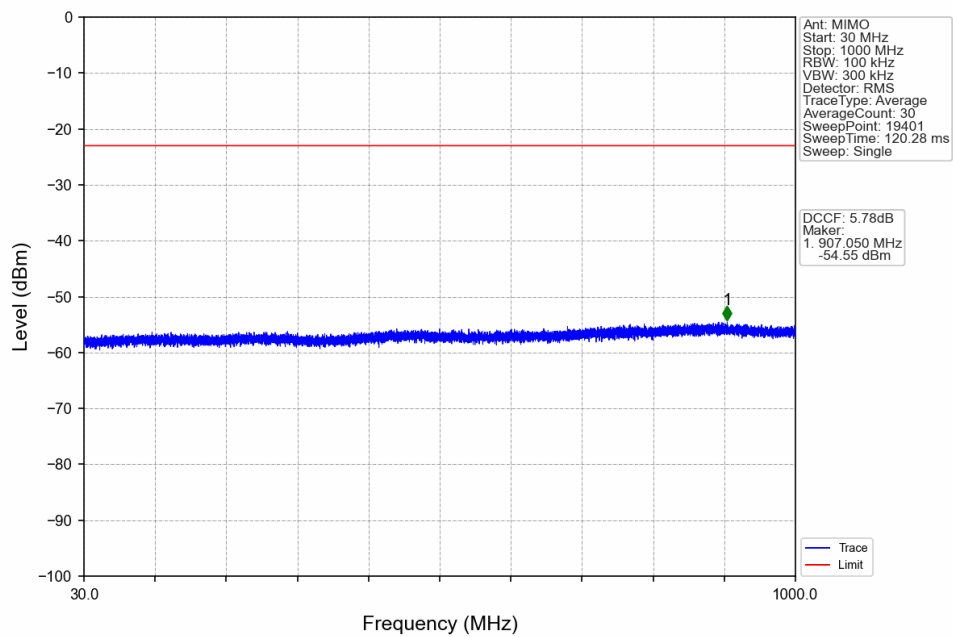
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



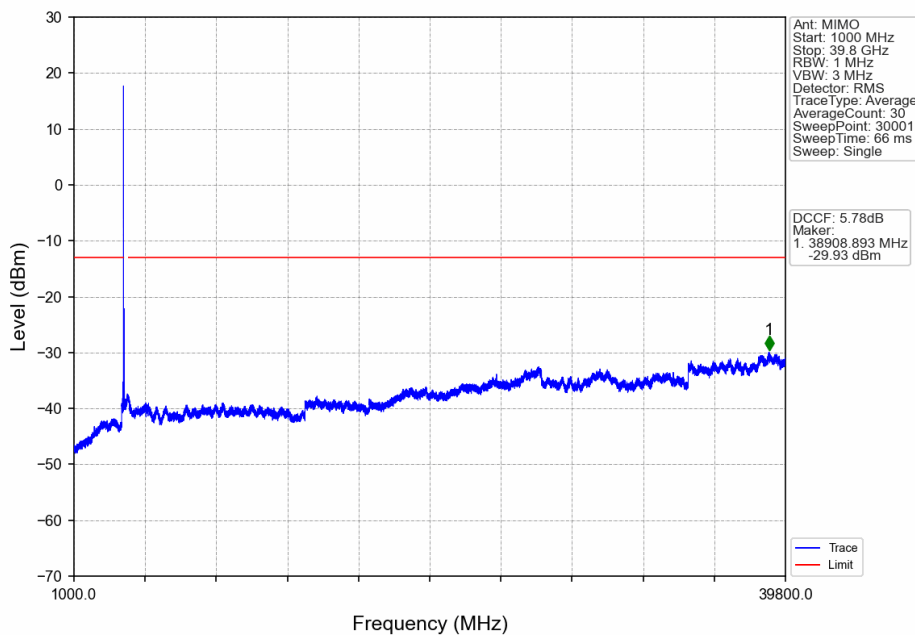
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



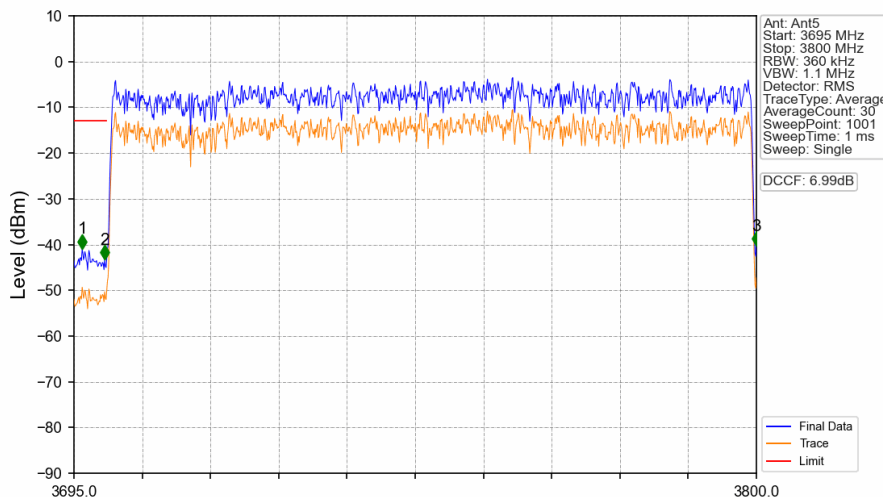
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left



n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left

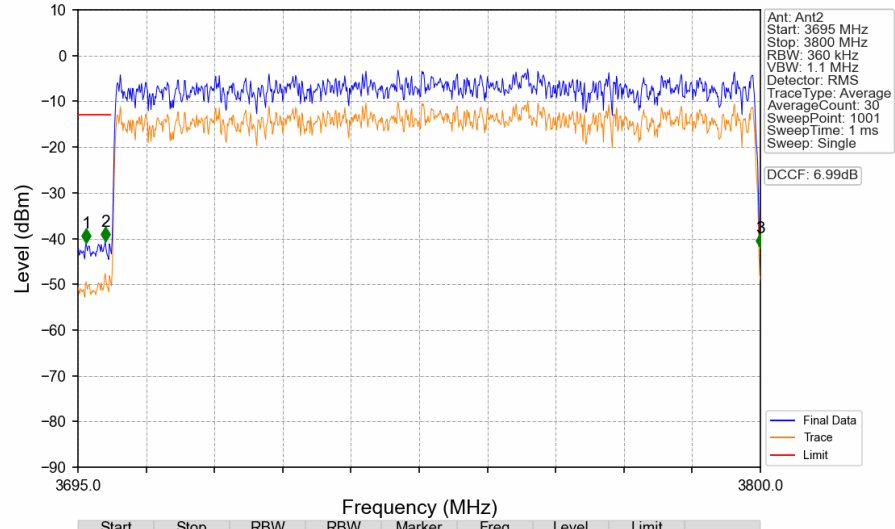


n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full

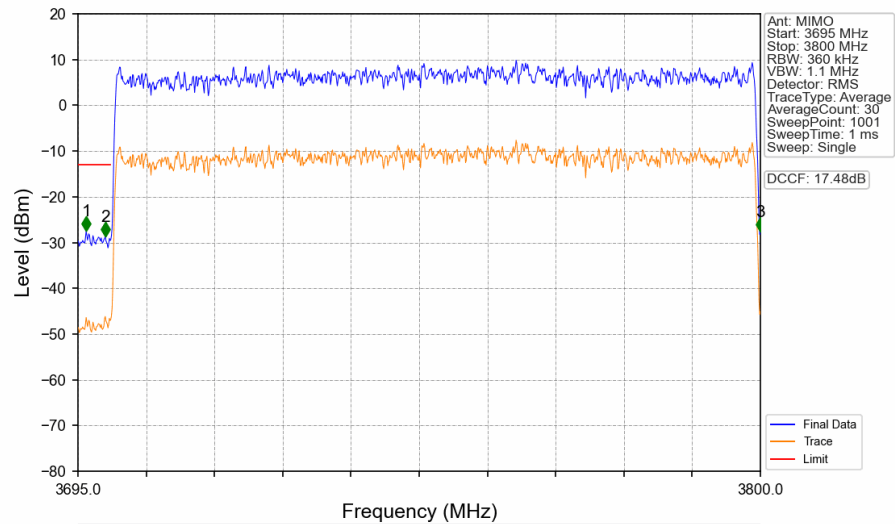


Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3696.260	-40.91	-13	Pass
3699	3700	0.36	0	2	3699.725	-43.33	-13	Pass
3700	3800	0.36	0	3	3800.000	-40.27	-13	Pass

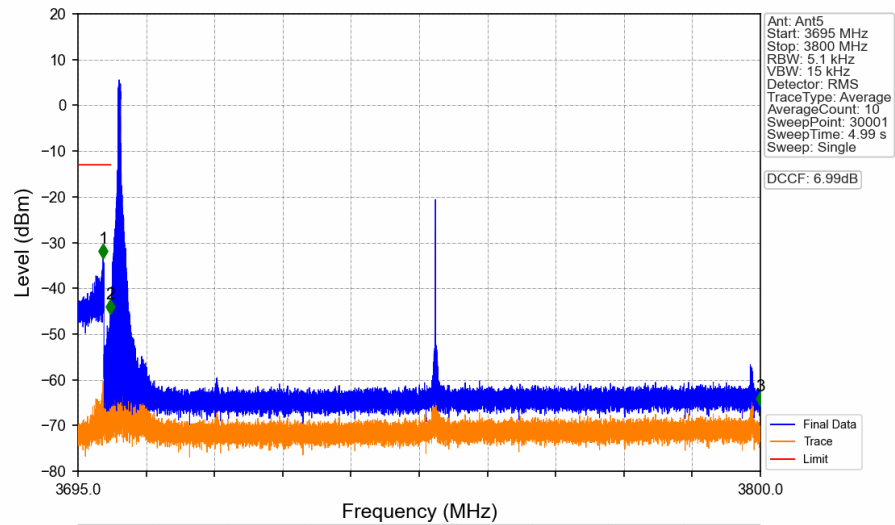
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full



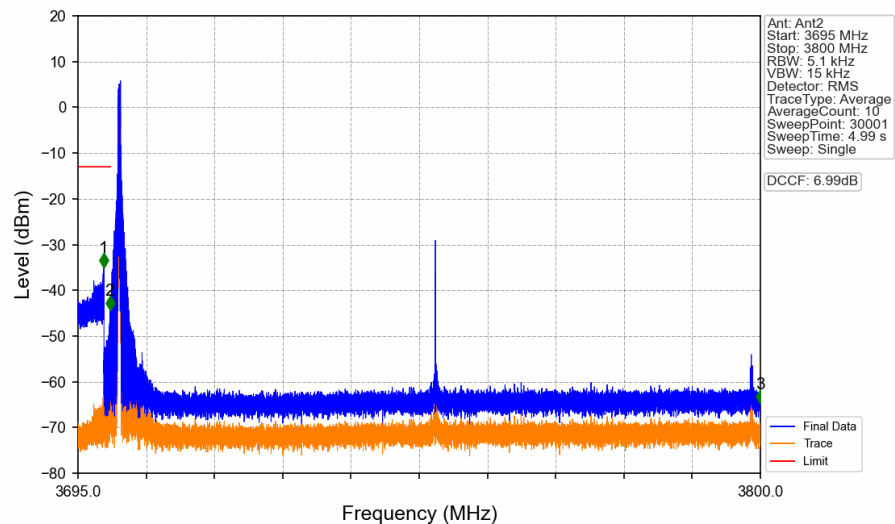
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full



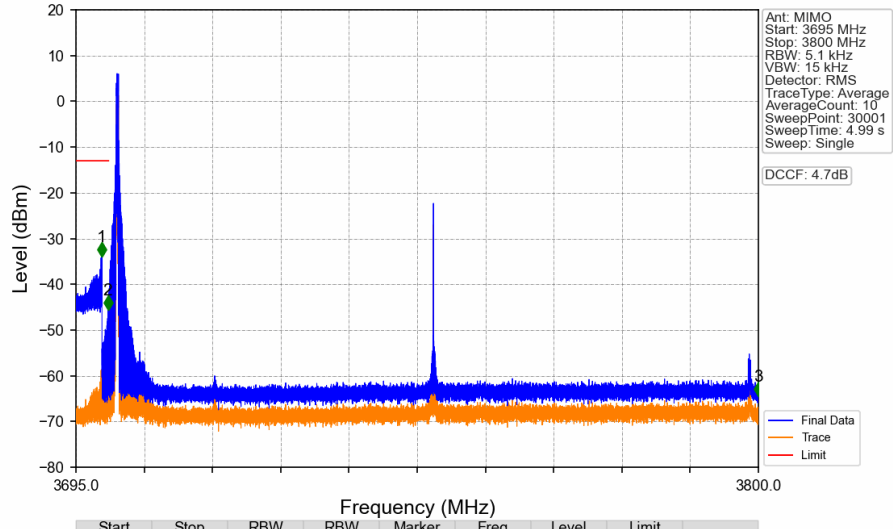
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Inner 1RB Left



n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Inner 1RB Left

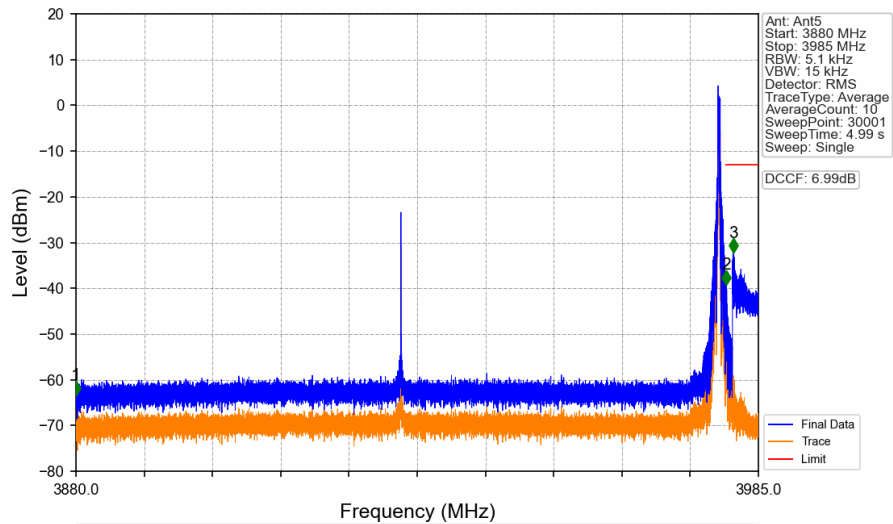


n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3750MHz Inner 1RB Left



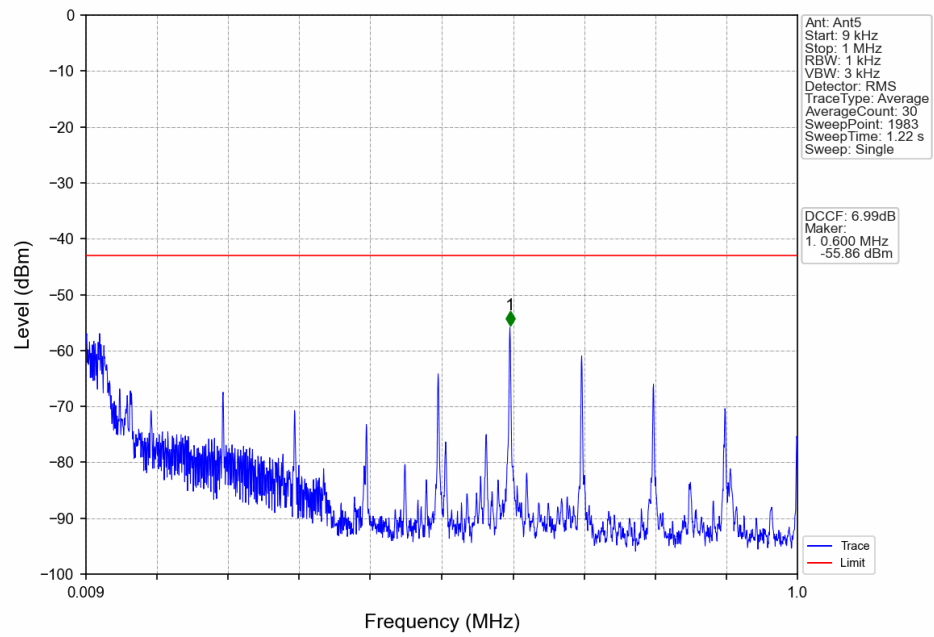
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.969	-34.01	-13	Pass
3699	3700	0.0051	0	2	3699.921	-45.57	-13	Pass
3700	3800	0.0051	0	3	3800.000	-64.50	-13	Pass

n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right

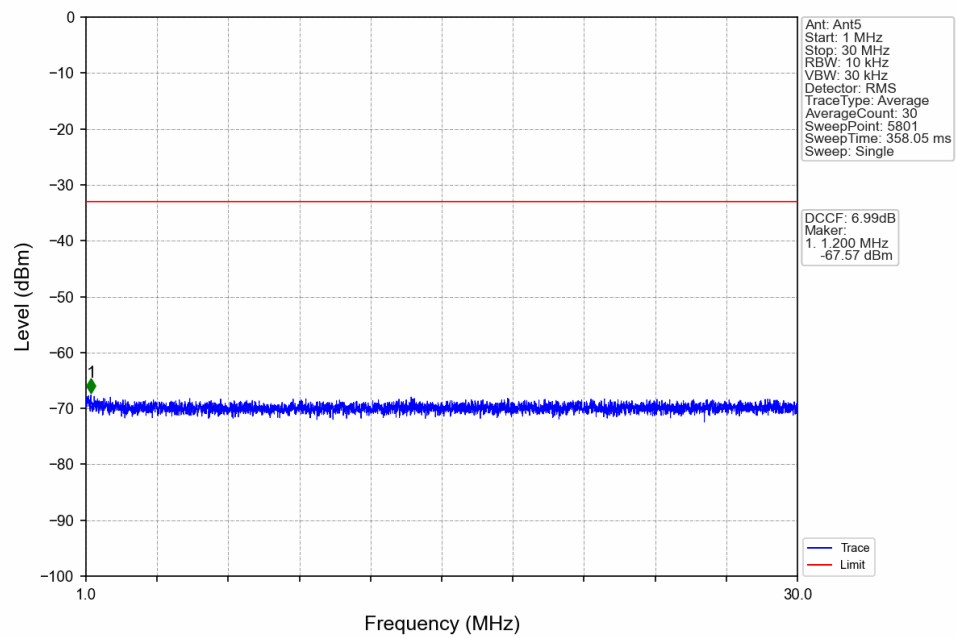


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.0051	0	1	3880.000	-63.35	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.019	-39.20	-13	Pass
3981	3985	0.5	19.91	3	3981.140	-32.21	-13	Pass

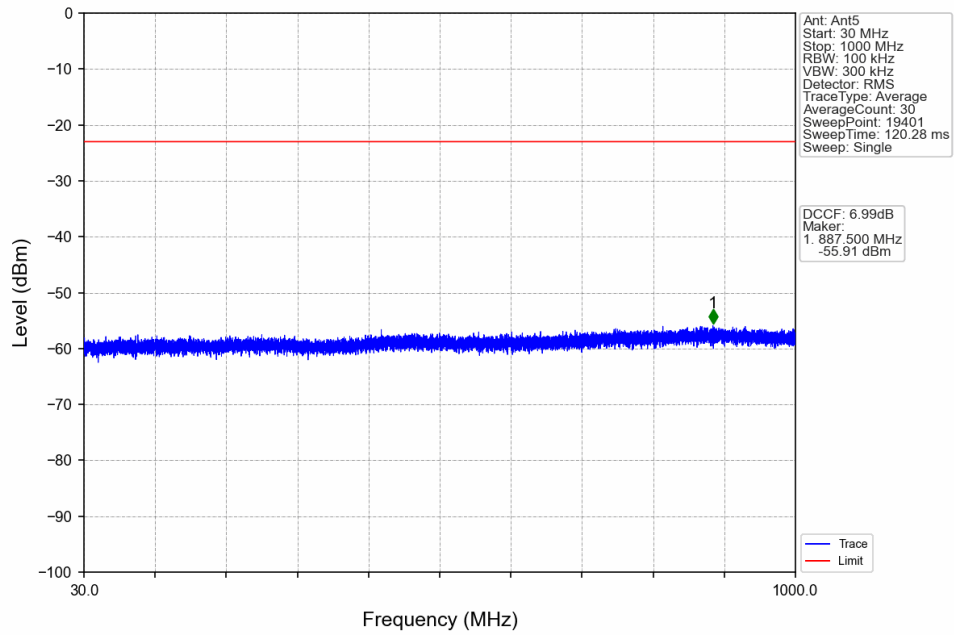
n77a 30kHz MIMO NTNV 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



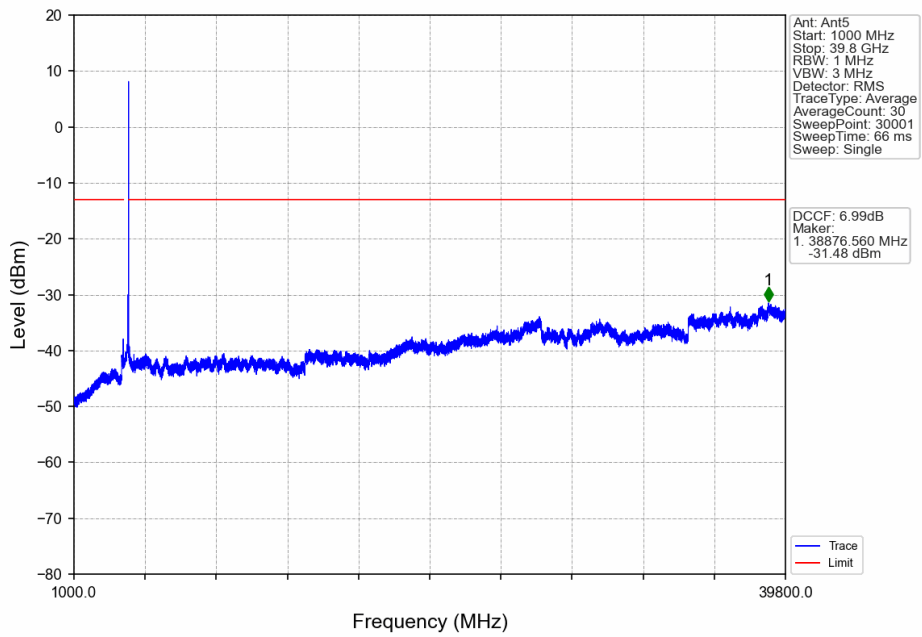
n77a 30kHz MIMO NTNV 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



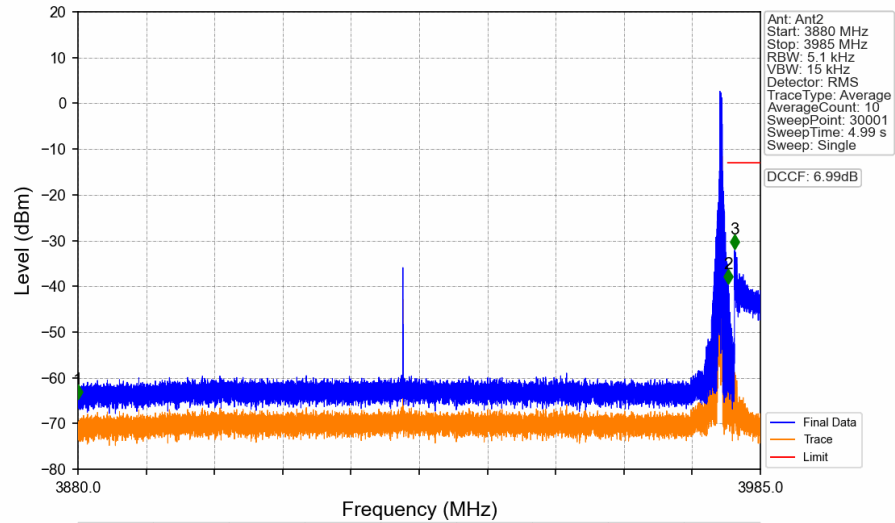
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right

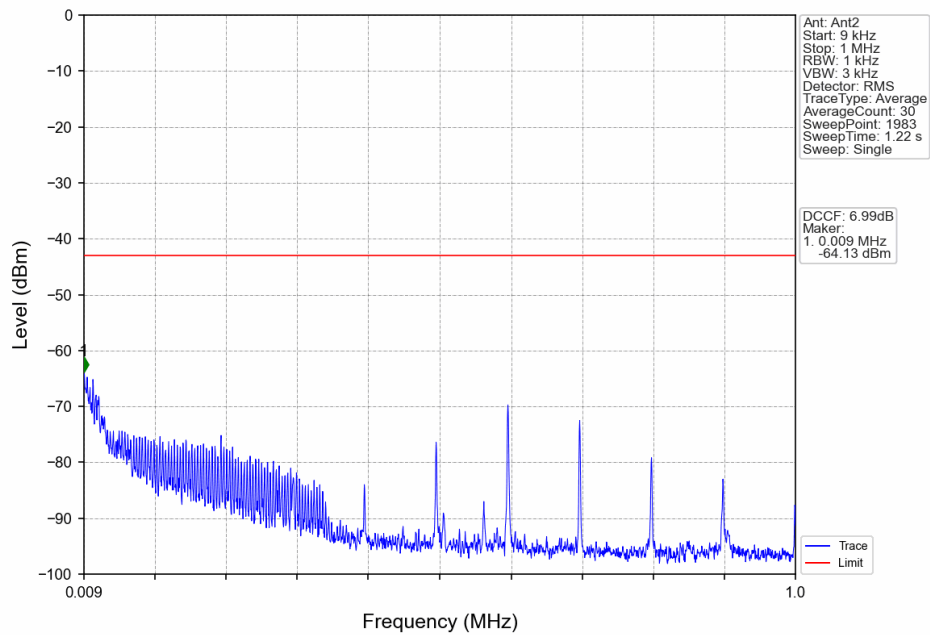


n77a 30kHz MIMO NTNv 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right

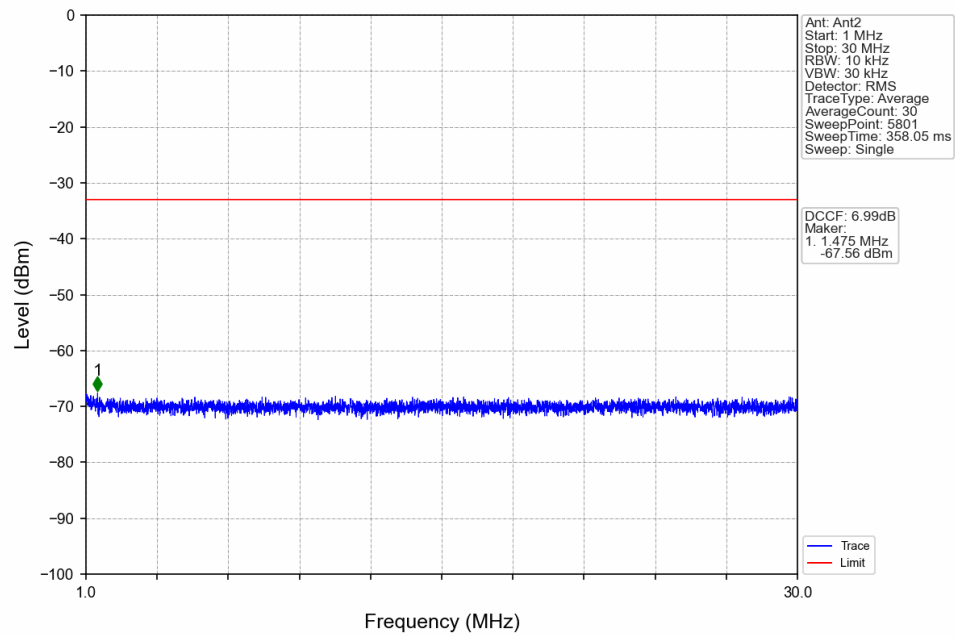


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.0051	0	1	3880.000	-64.61	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.012	-39.48	-13	Pass
3981	3985	0.5	19.91	3	3981.059	-31.93	-13	Pass

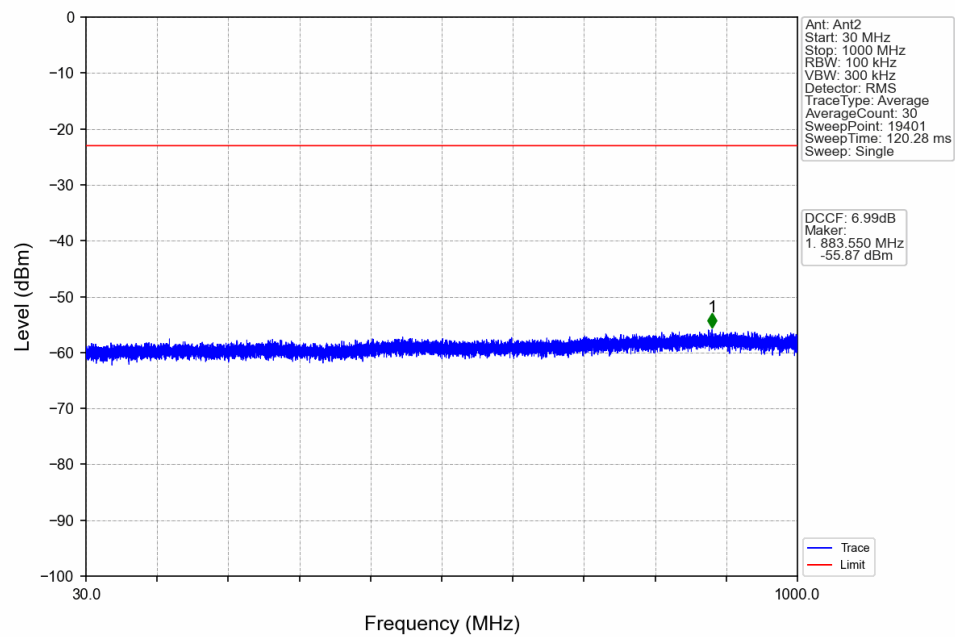
n77a 30kHz MIMO NTNv 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



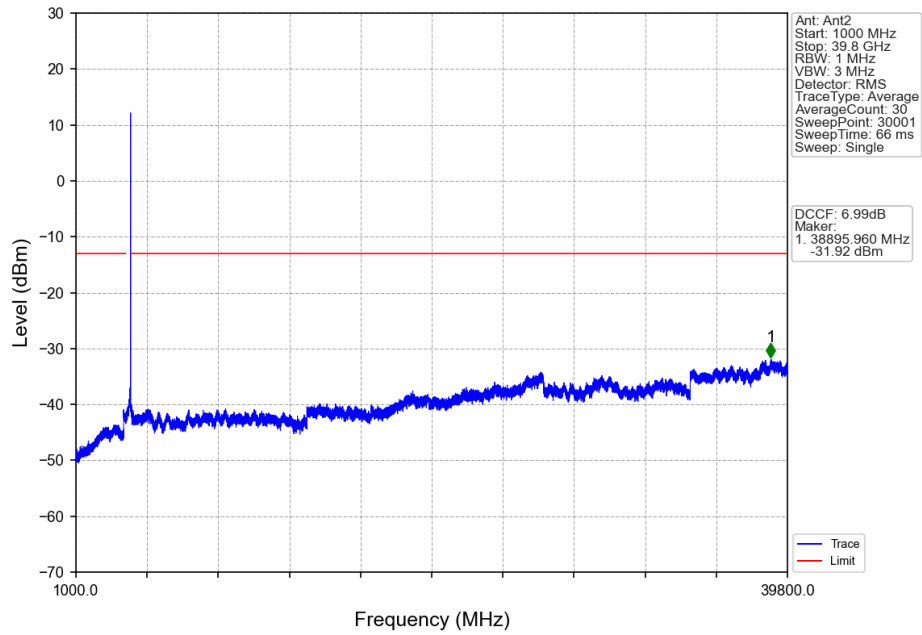
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



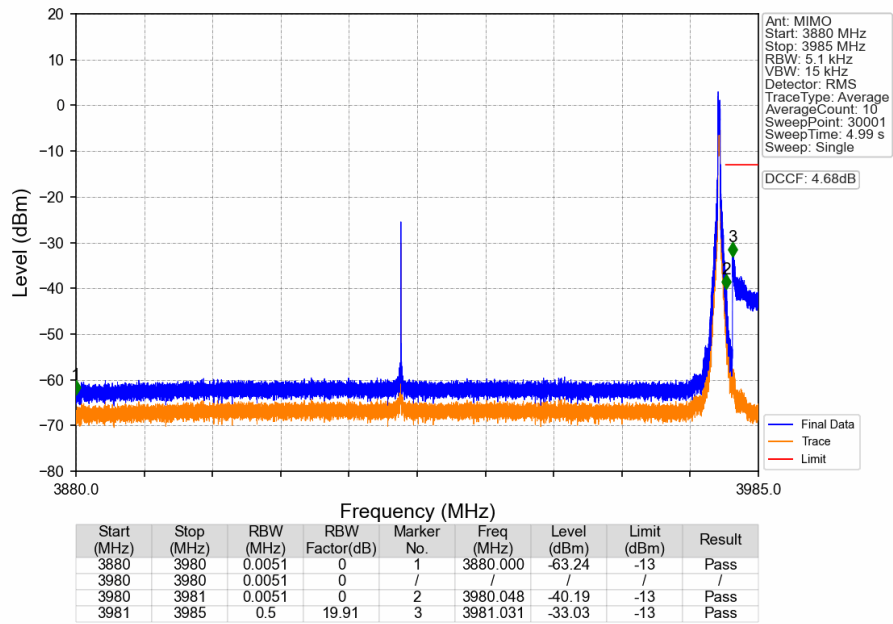
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



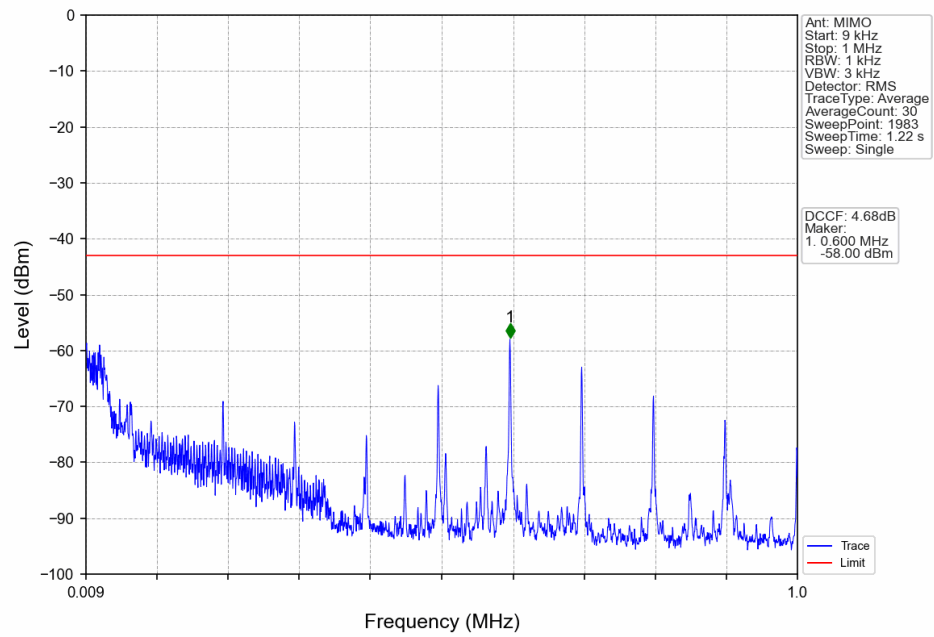
n77a 30kHz MIMO NTNv 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



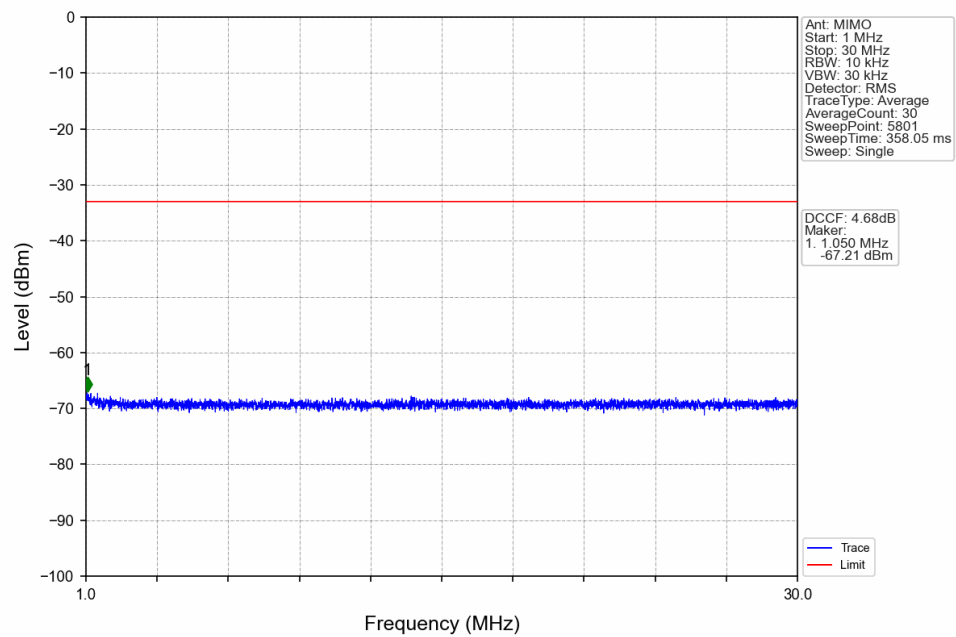
n77a 30kHz MIMO NTNv 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



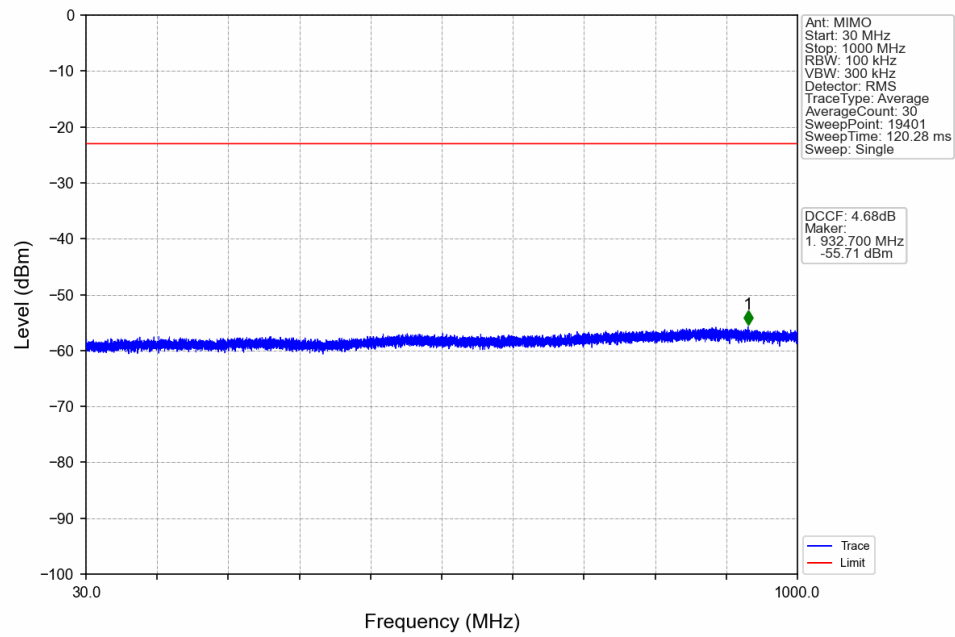
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



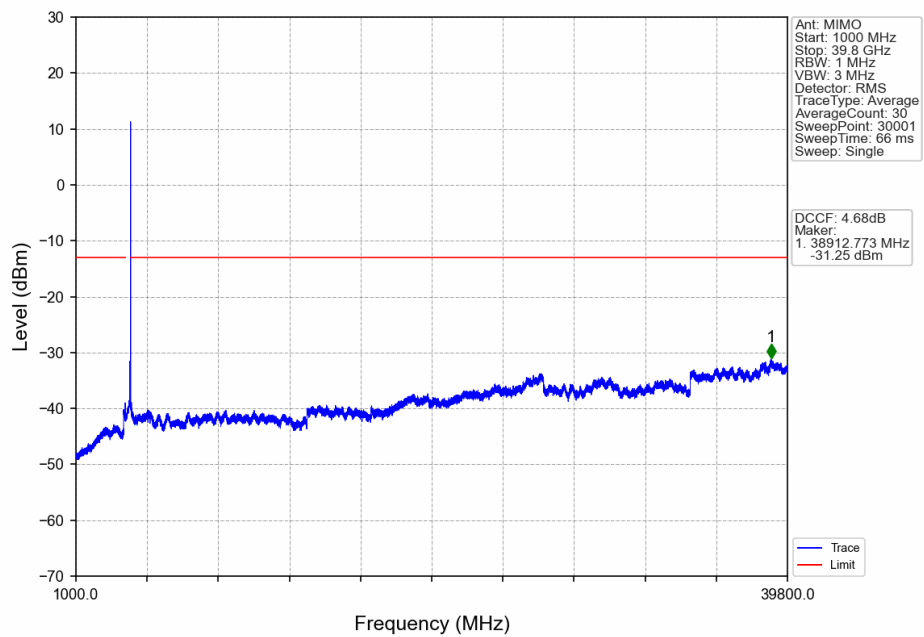
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



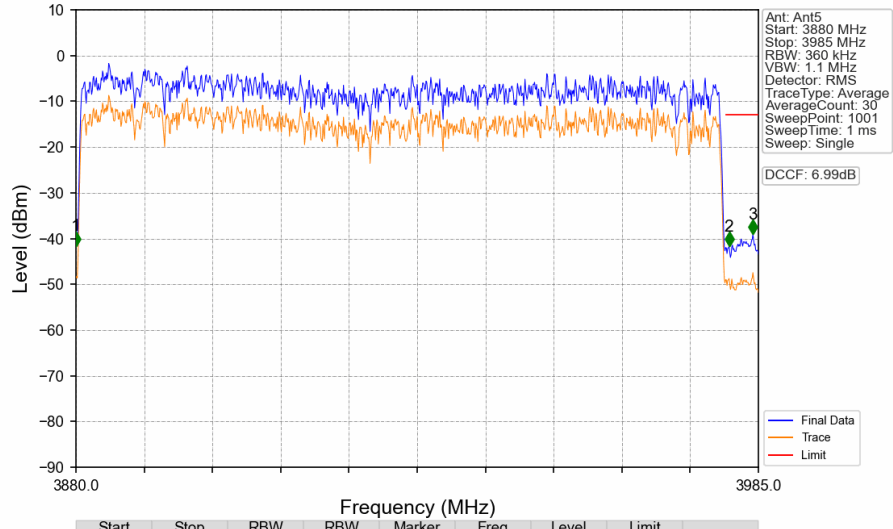
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



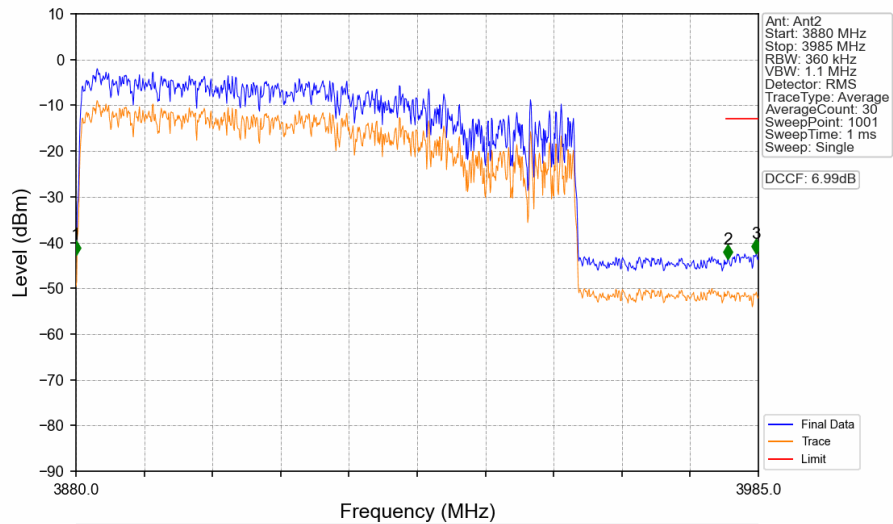
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right



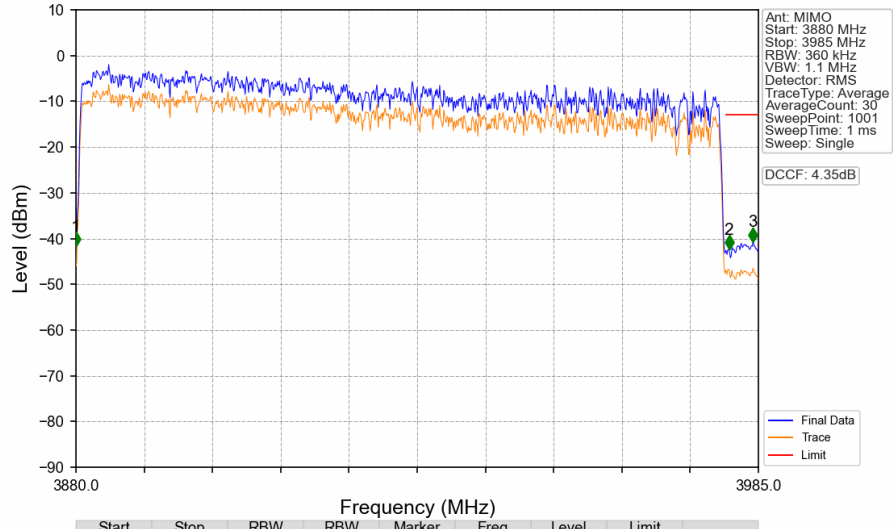
n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Outer Full



n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Outer Full

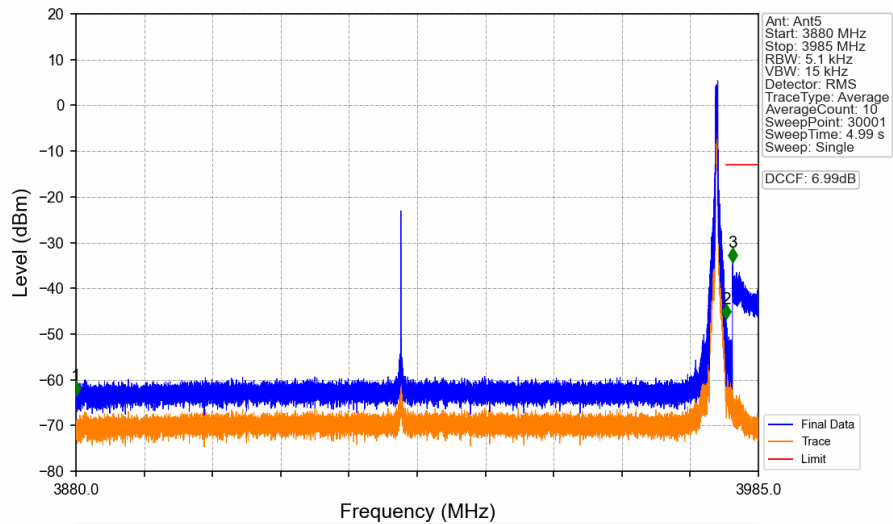


n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Outer Full



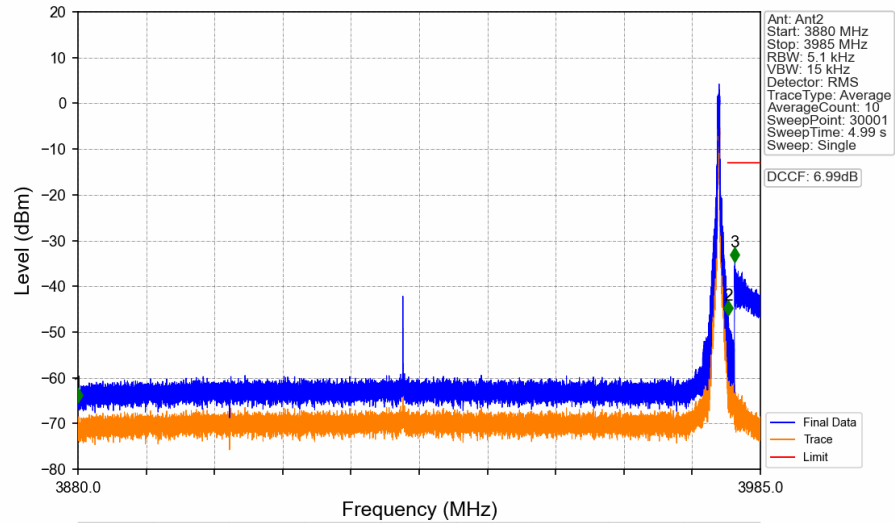
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.36	0	1	3880.000	-41.73	-13	Pass
3980	3980	0.36	0	/	/	/	/	/
3980	3981	0.36	0	2	3980.485	-42.39	-13	Pass
3981	3985	0.5	1.43	3	3984.160	-40.73	-13	Pass

n77a 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3930MHz Inner 1RB Right



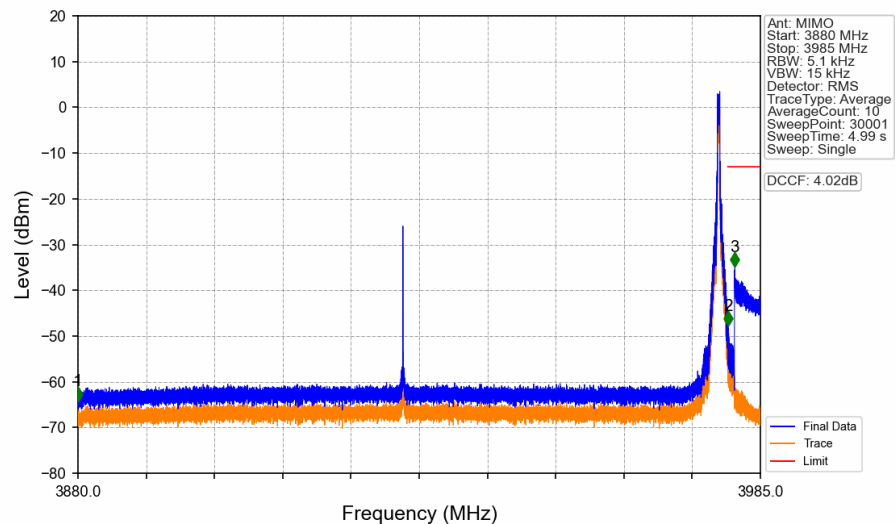
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.0051	0	1	3880.000	-63.37	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.006	-46.69	-13	Pass
3981	3985	0.5	19.91	3	3981.045	-34.31	-13	Pass

n77a 30kHz MIMO NTNv 100MHz CP-OFDM QPSK 3930MHz Inner 1RB Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.0051	0	1	3880.000	-65.42	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.016	-46.33	-13	Pass
3981	3985	0.5	19.91	3	3981.073	-34.65	-13	Pass

n77a 30kHz MIMO NTNv 100MHz CP-OFDM QPSK 3930MHz Inner 1RB Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.0051	0	1	3880.000	-64.24	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.019	-47.67	-13	Pass
3981	3985	0.5	19.91	3	3981.073	-34.91	-13	Pass