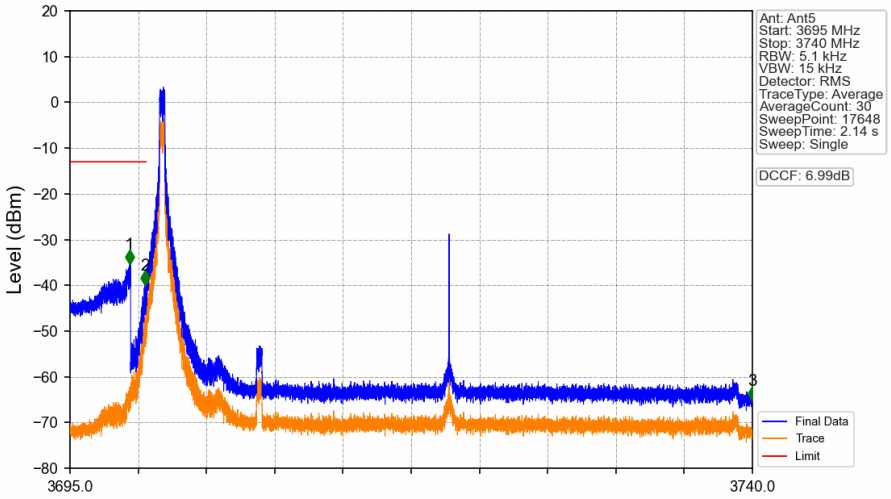
1.12 30k_MIMO_40MHz_NTNV

1.12.1 Test Result

5G NR n78a SCS=30kHz MIMO 40MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3720	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
	3780	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

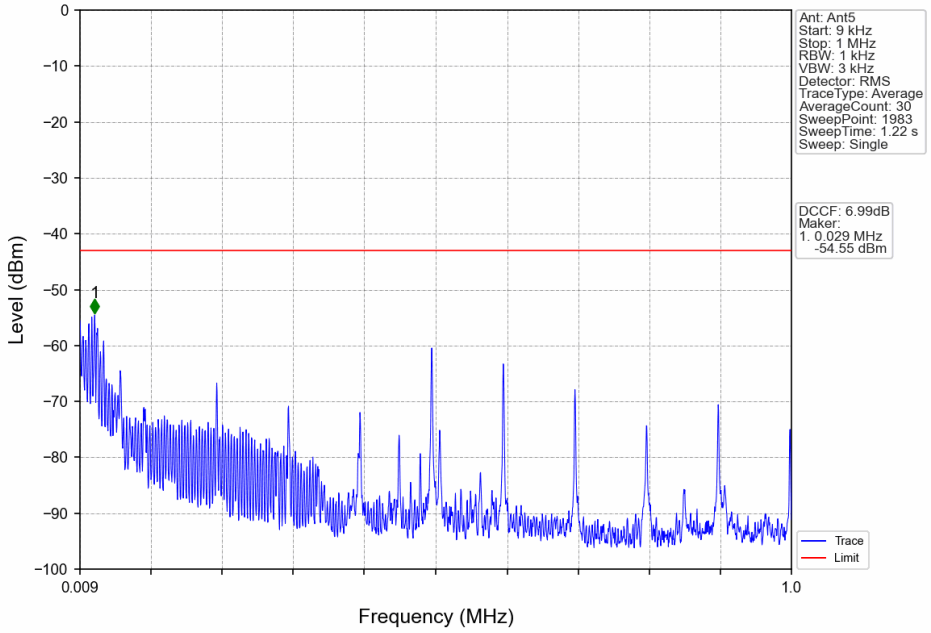
1.12.2 Test Graph

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left

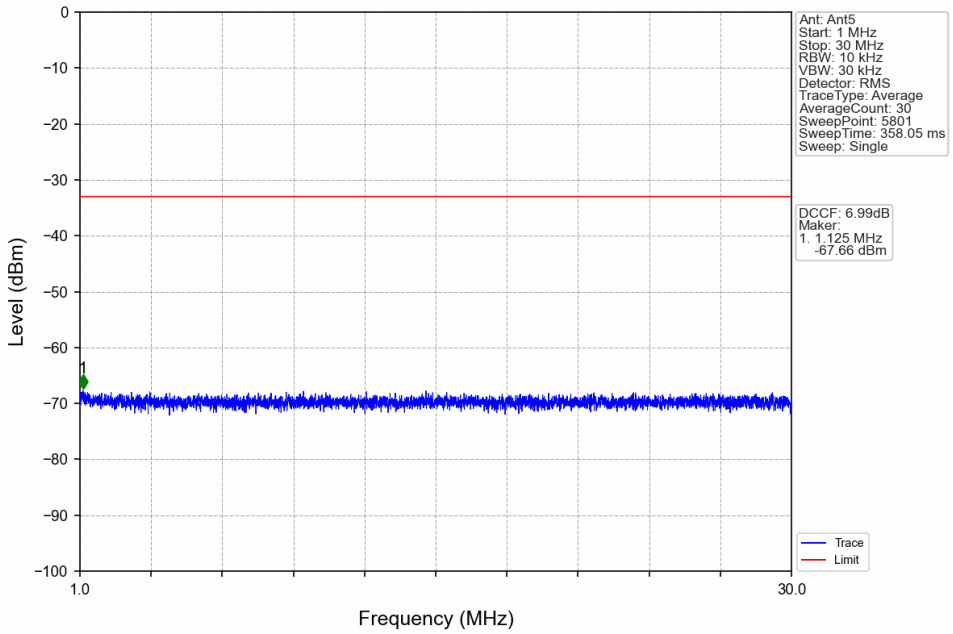


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.922	-35.35	-13	Pass
3699	3700	0.0051	0	2	3699.934	-40.01	-13	Pass
3700	3740	0.0051	0	3	3740.000	-65.19	-13	Pass

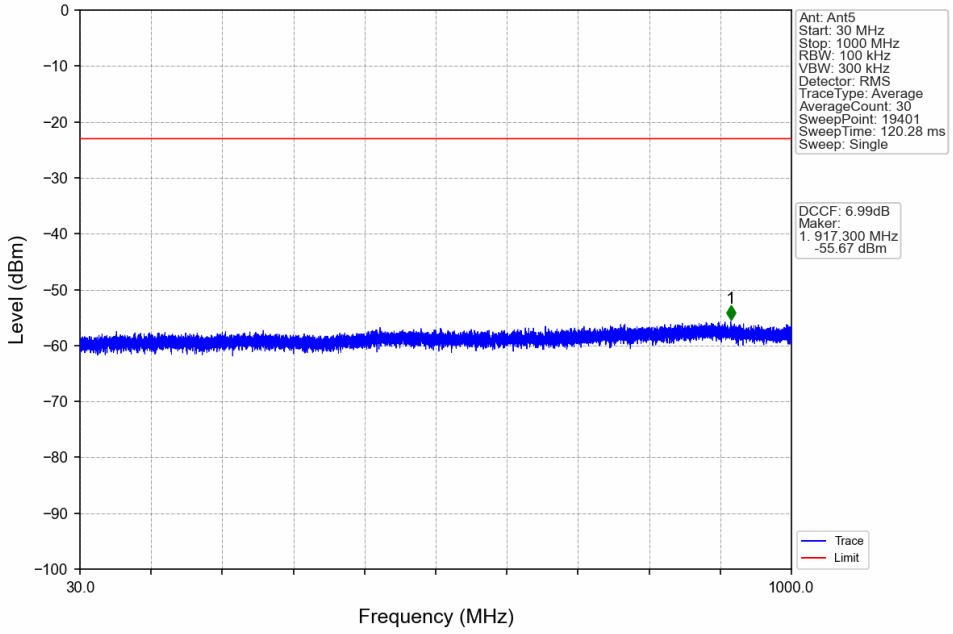
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



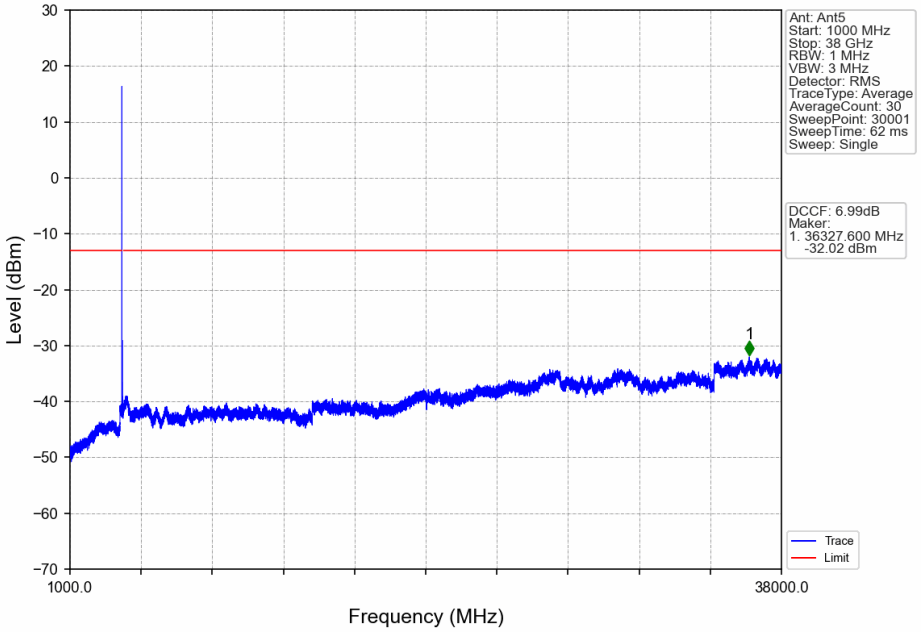
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



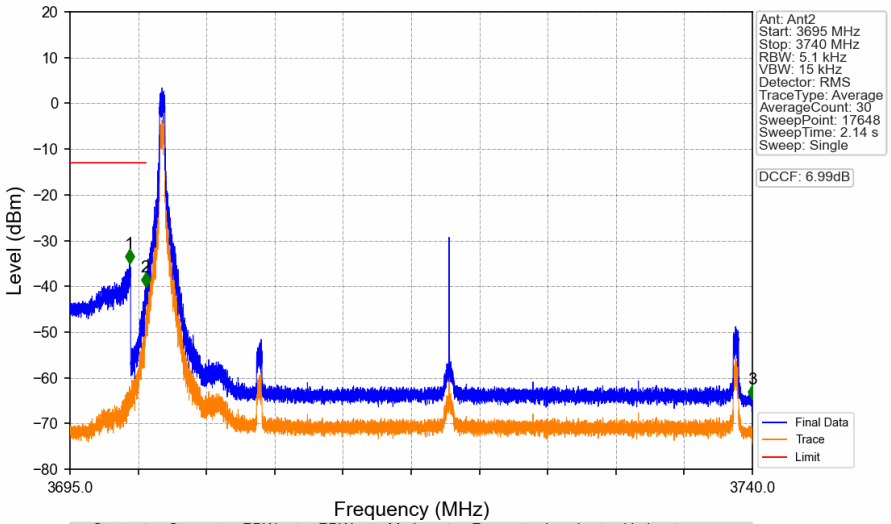
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left

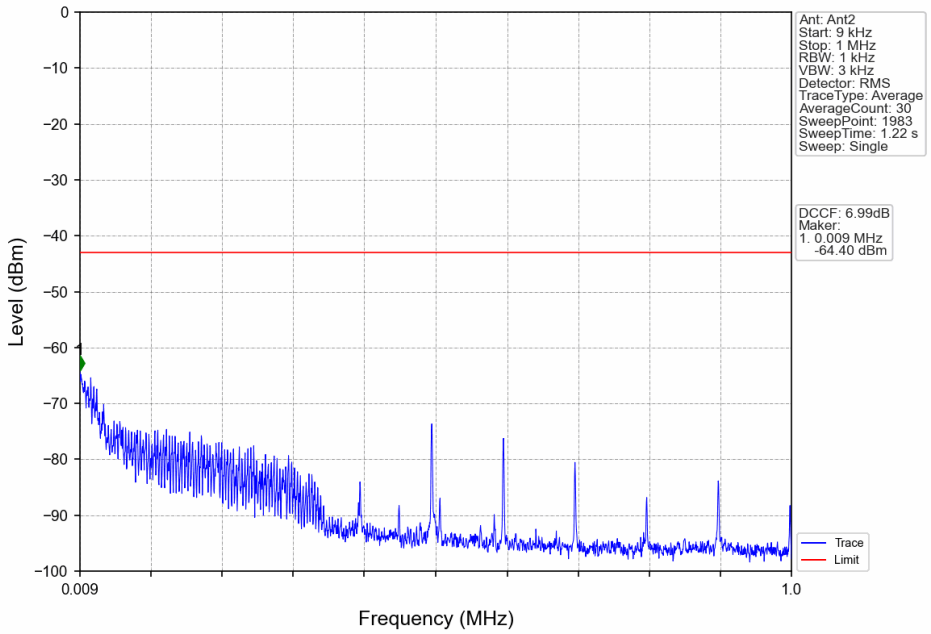


n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left

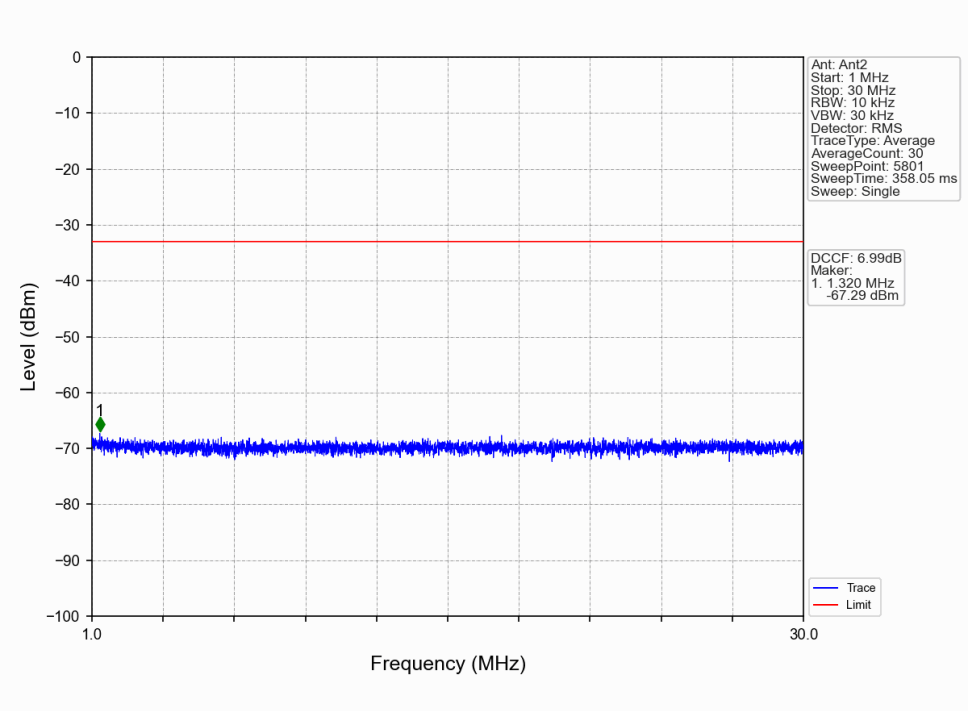


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.927	-35.02	-13	Pass
3699	3700	0.0051	0	2	3699.983	-40.10	-13	Pass
3700	3740	0.0051	0	3	3740.000	-64.64	-13	Pass

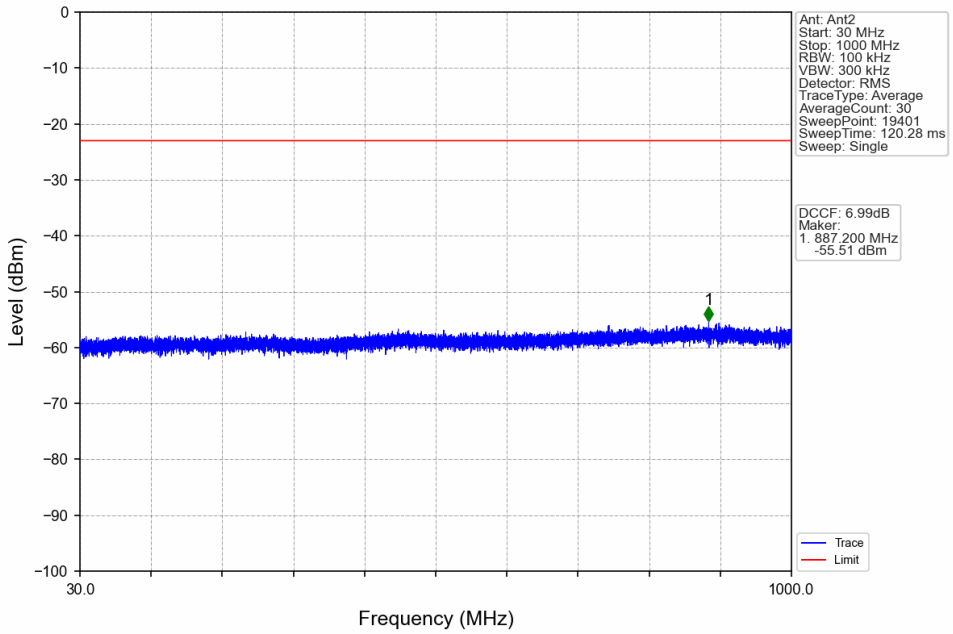
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



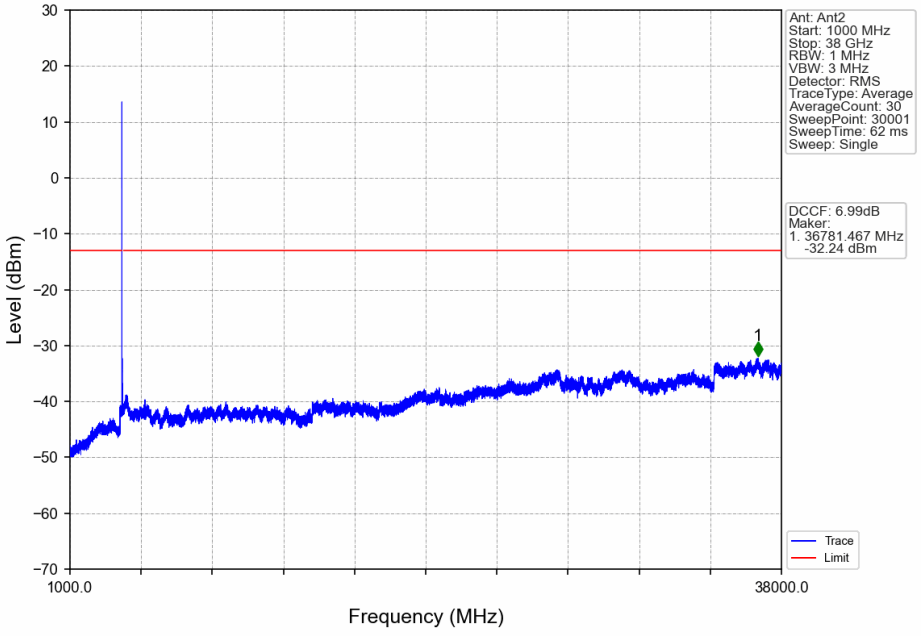
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



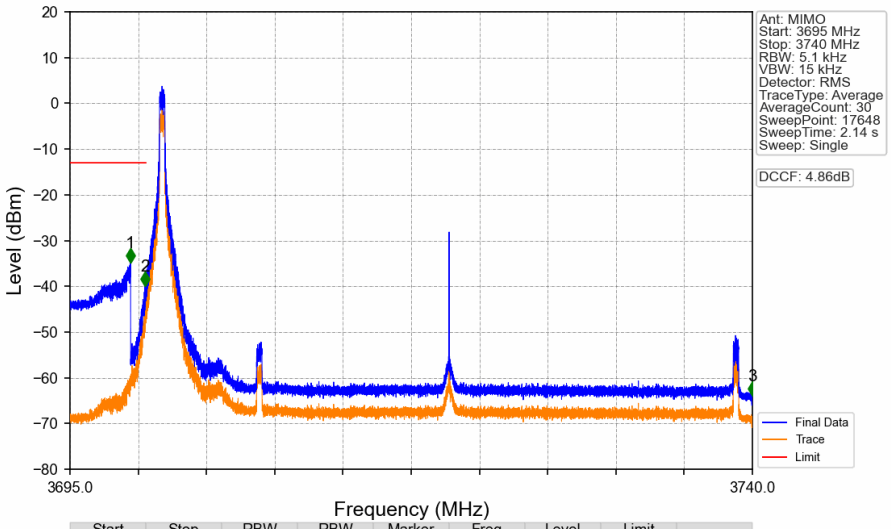
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left

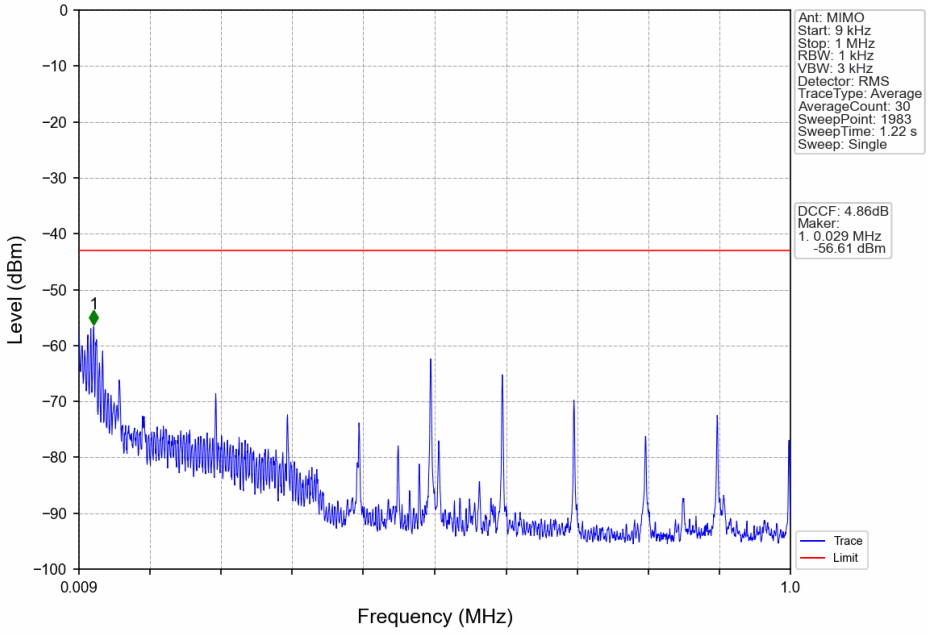


n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left

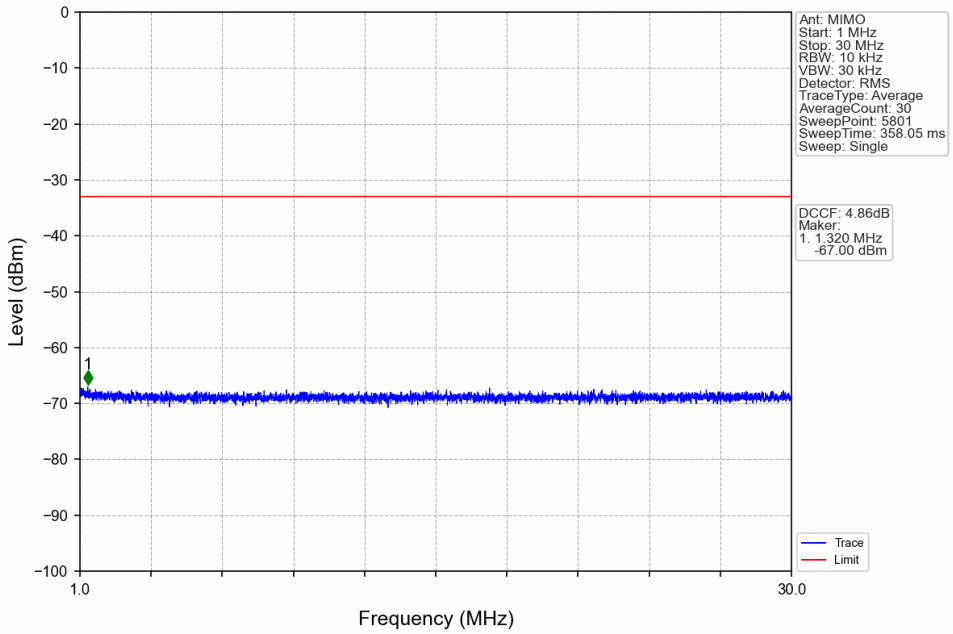


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.981	-34.82	-13	Pass
3699	3700	0.0051	0	2	3699.934	-39.98	-13	Pass
3700	3740	0.0051	0	3	3740.000	-64.03	-13	Pass

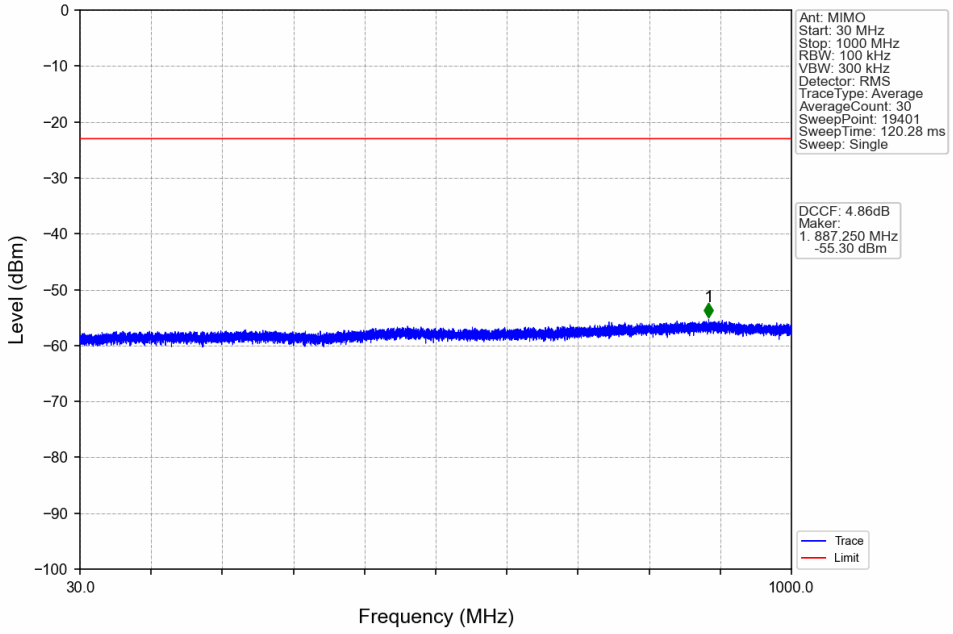
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



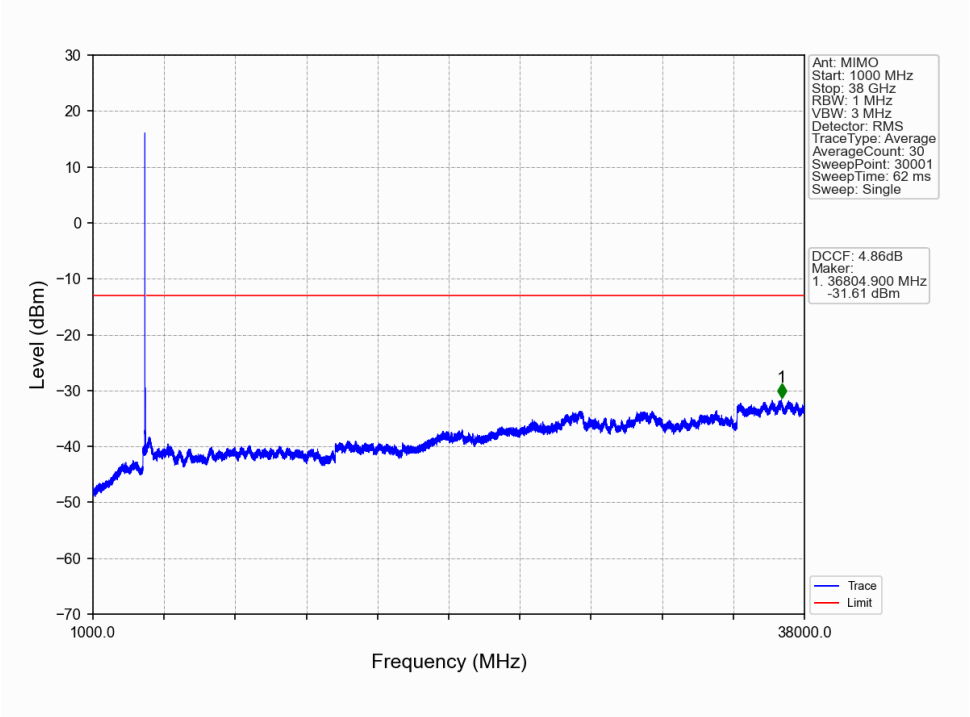
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



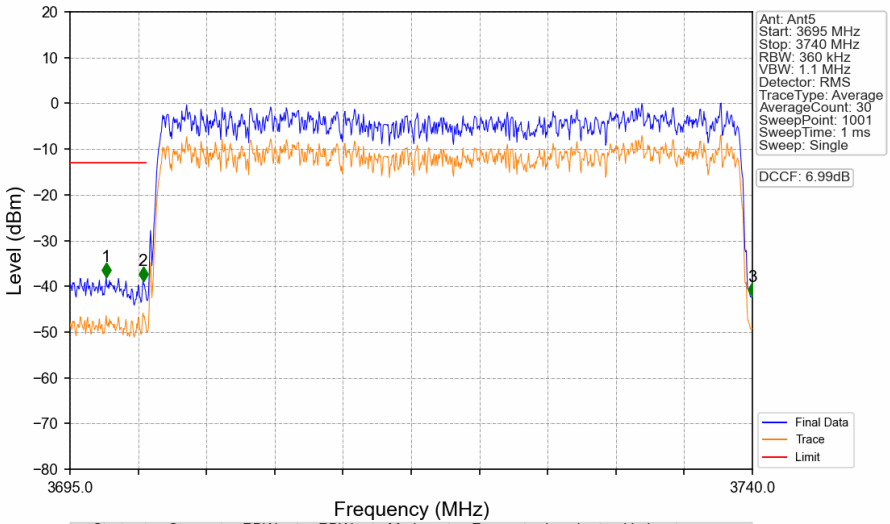
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Edge_1RB_Left

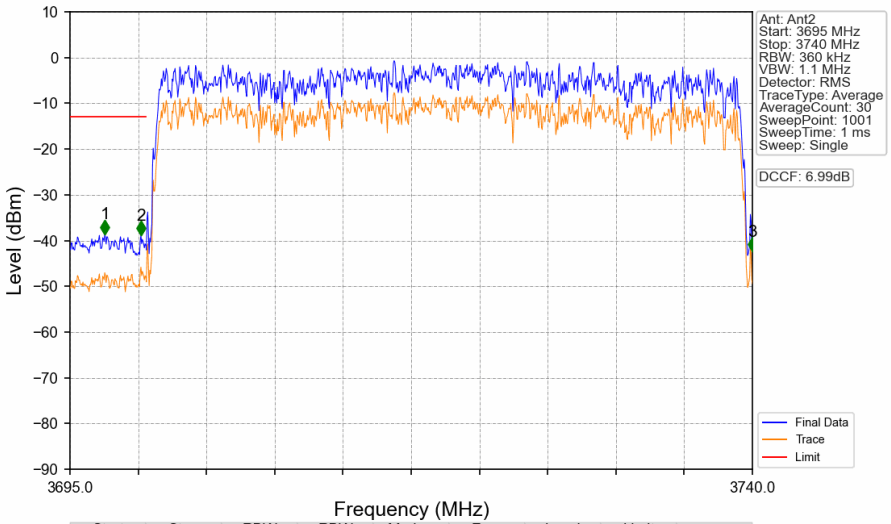


n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Outer_Full



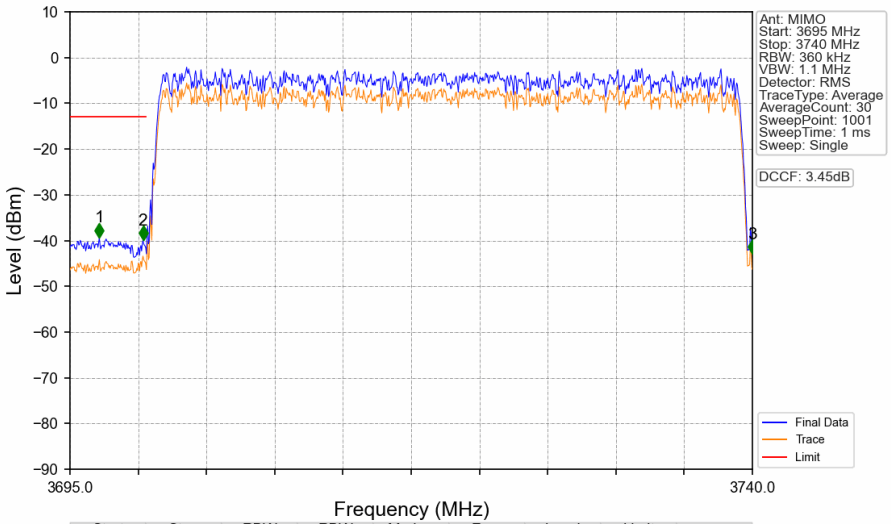
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3697.385	-37.95	-13	Pass
3699	3700	0.36	0	2	3699.815	-38.84	-13	Pass
3700	3740	0.36	0	3	3740.000	-42.30	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Outer_Full



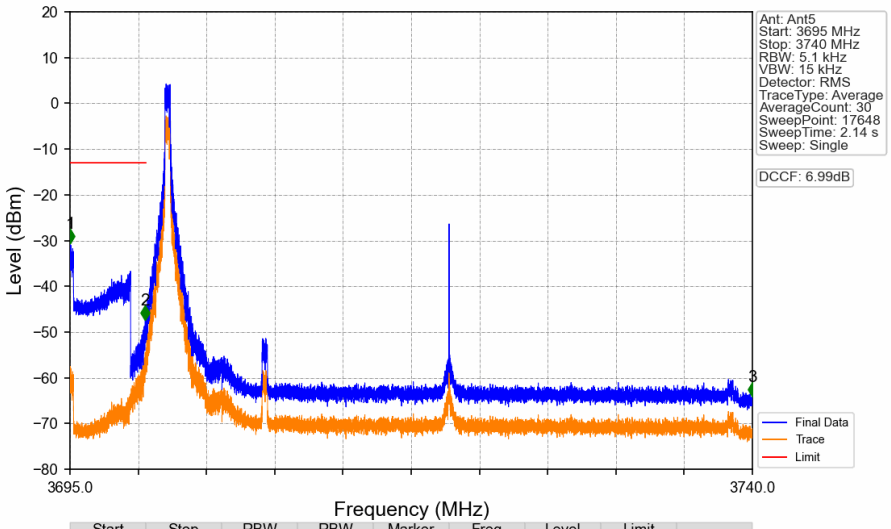
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3697.295	-38.60	-13	Pass
3699	3700	0.36	0	2	3699.680	-38.81	-13	Pass
3700	3740	0.36	0	3	3740.000	-42.46	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Outer_Full



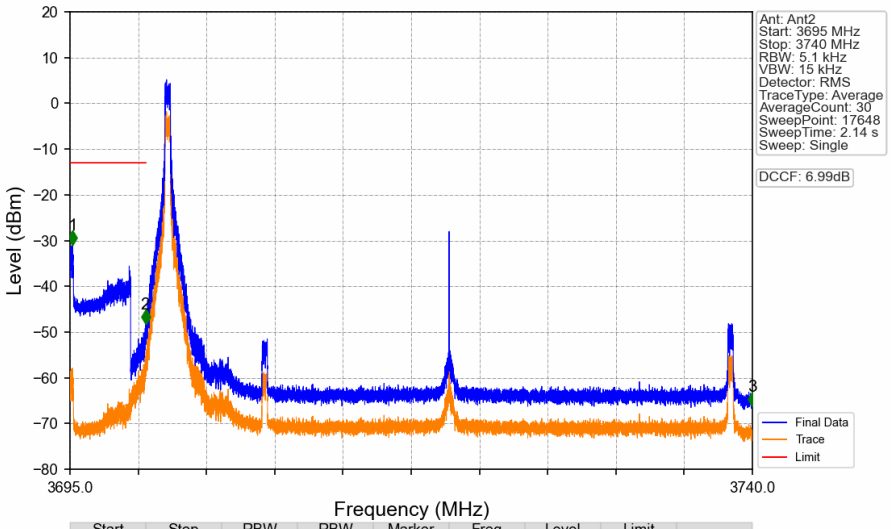
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3696.935	-39.30	-13	Pass
3699	3700	0.36	0	2	3699.815	-39.96	-13	Pass
3700	3740	0.36	0	3	3740.000	-42.91	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Inner_1RB_Left



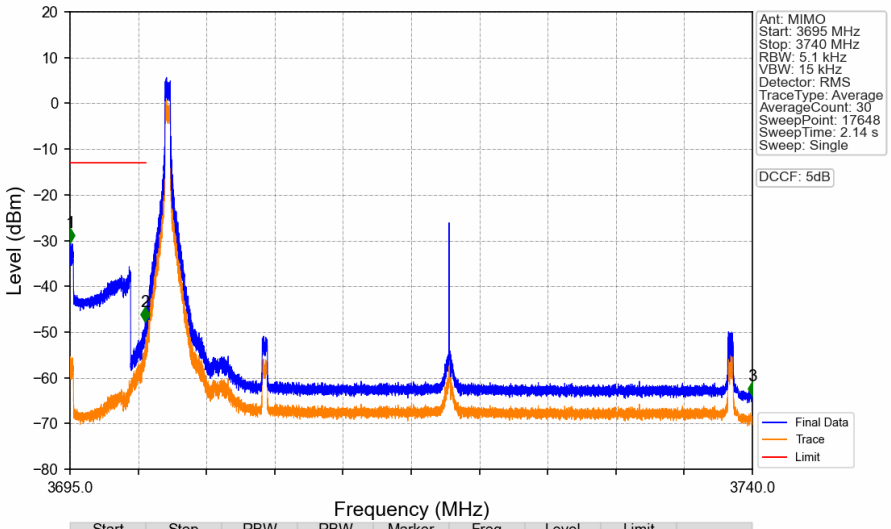
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3695.026	-30.60	-13	Pass
3699	3700	0.0051	0	2	3699.962	-47.43	-13	Pass
3700	3740	0.0051	0	3	3740.000	-64.10	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Inner_1RB_Left



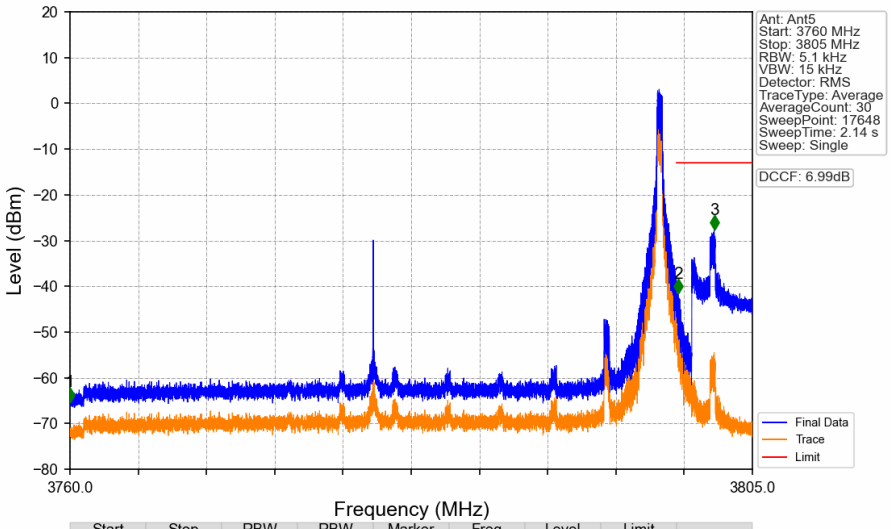
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3695.181	-31.02	-13	Pass
3699	3700	0.0051	0	2	3699.978	-48.28	-13	Pass
3700	3740	0.0051	0	3	3740.000	-66.21	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3720MHz_Inner_1RB_Left



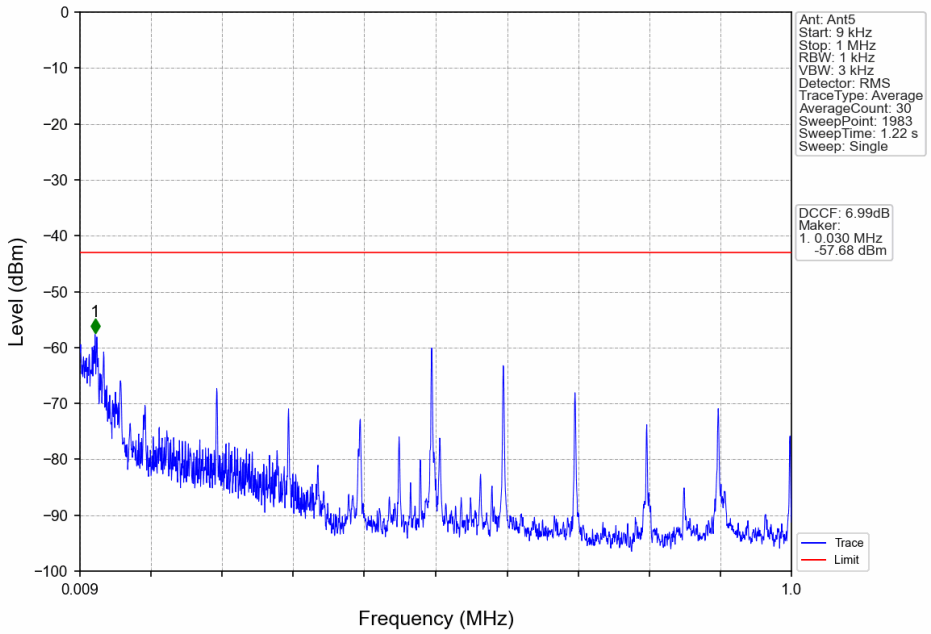
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3695.023	-30.52	-13	Pass
3699	3700	0.0051	0	2	3699.962	-47.76	-13	Pass
3700	3740	0.0051	0	3	3740.000	-64.01	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right

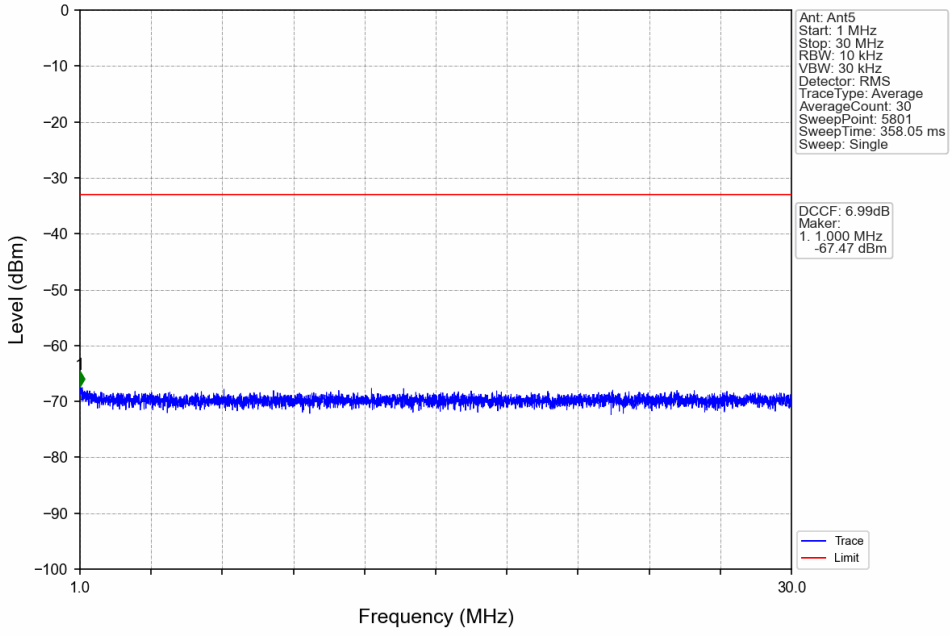


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.0051	0	1	3760.000	-65.30	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.101	-41.57	-13	Pass
3801	3805	0.5	19.91	3	3802.478	-27.62	-13	Pass

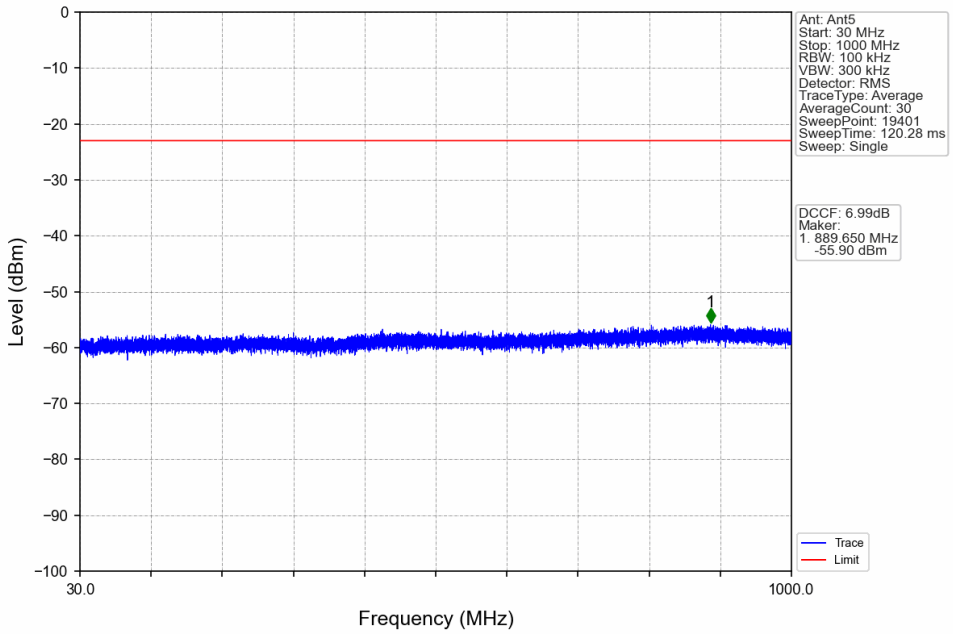
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



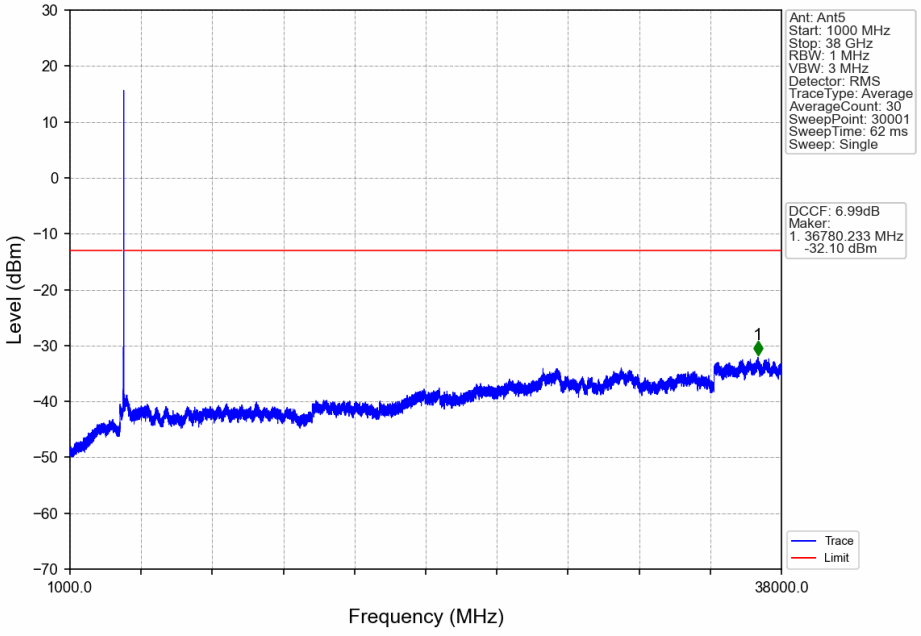
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



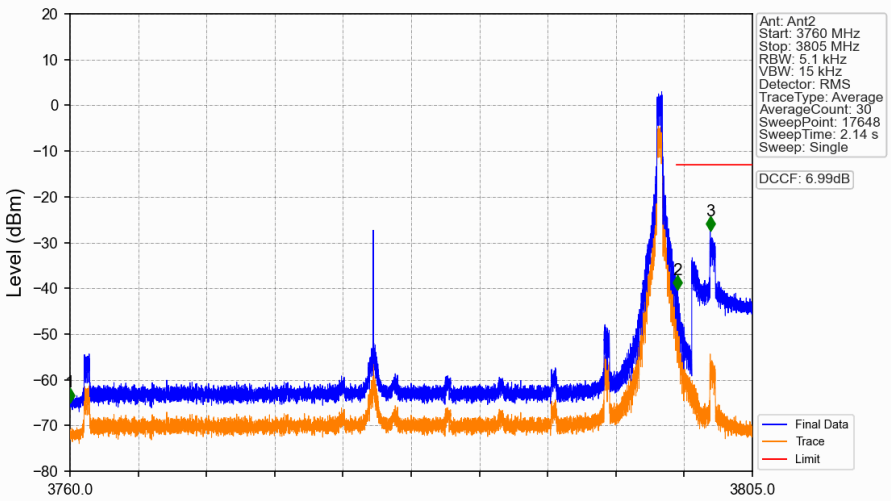
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right

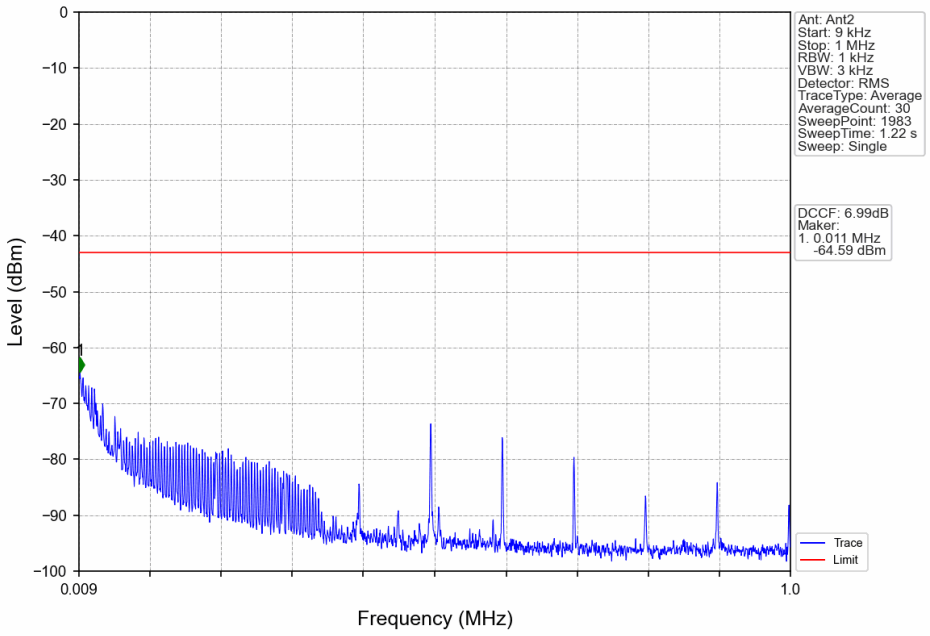


n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right

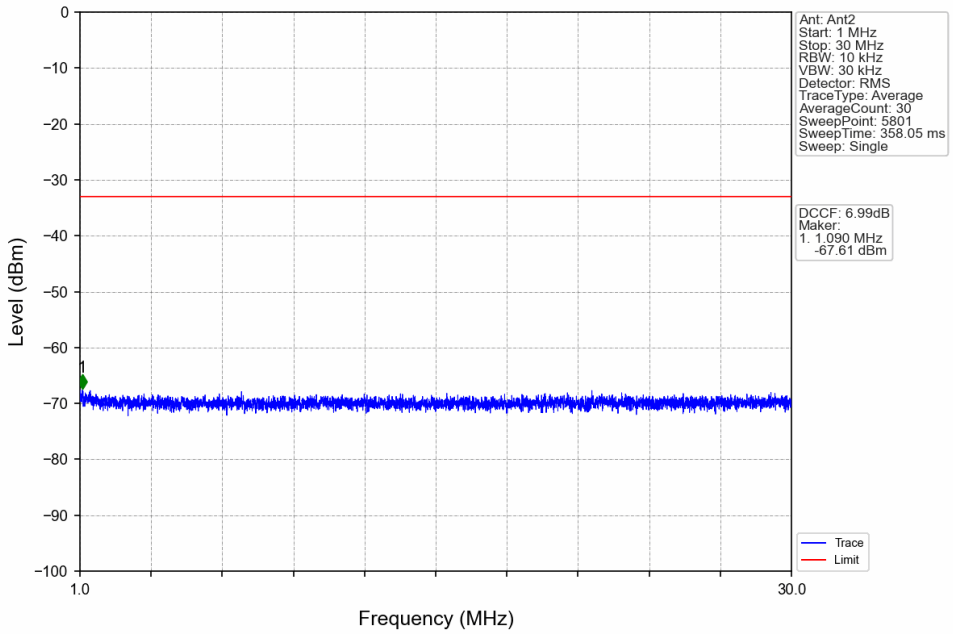


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.0051	0	1	3760.000	-64.93	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.068	-40.31	-13	Pass
3801	3805	0.5	19.91	3	3802.218	-27.48	-13	Pass

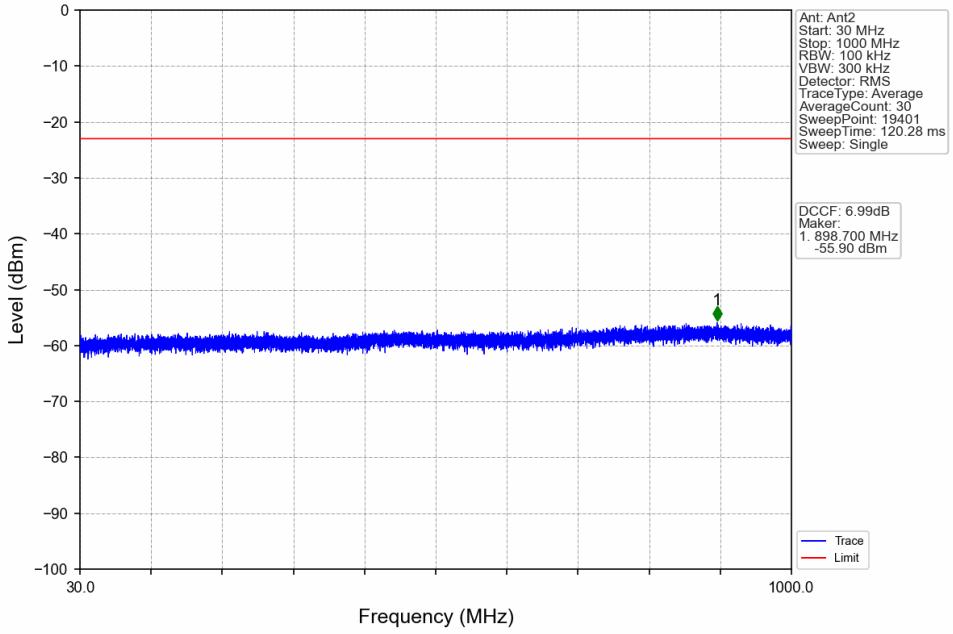
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



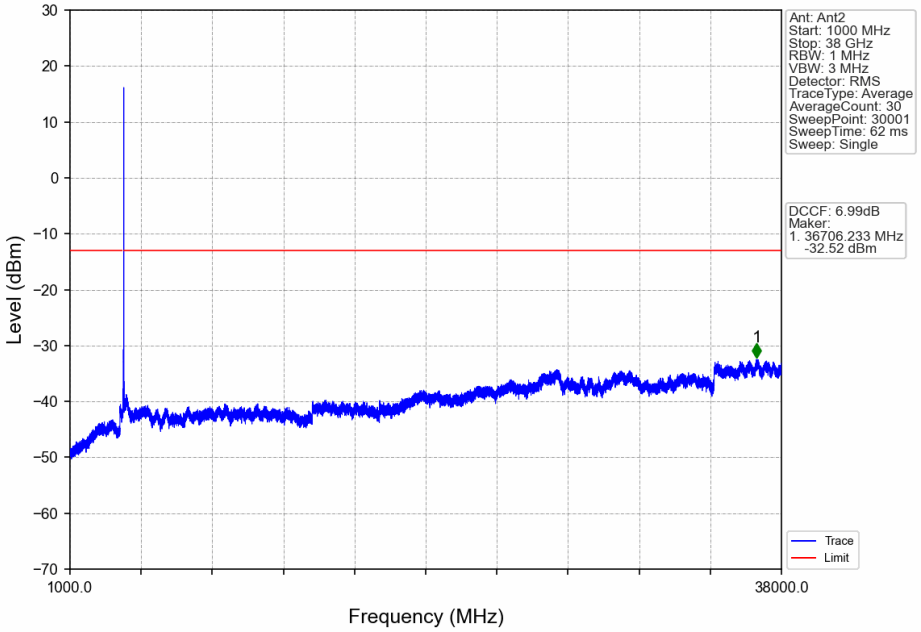
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



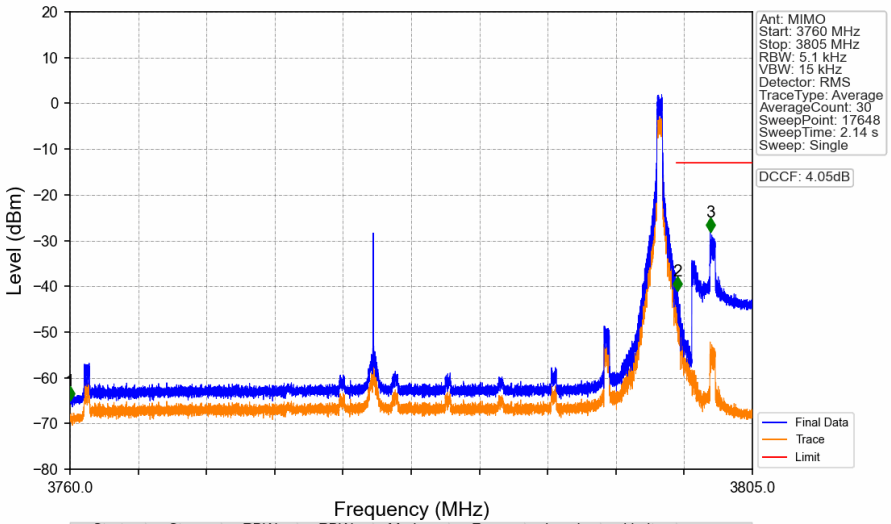
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right

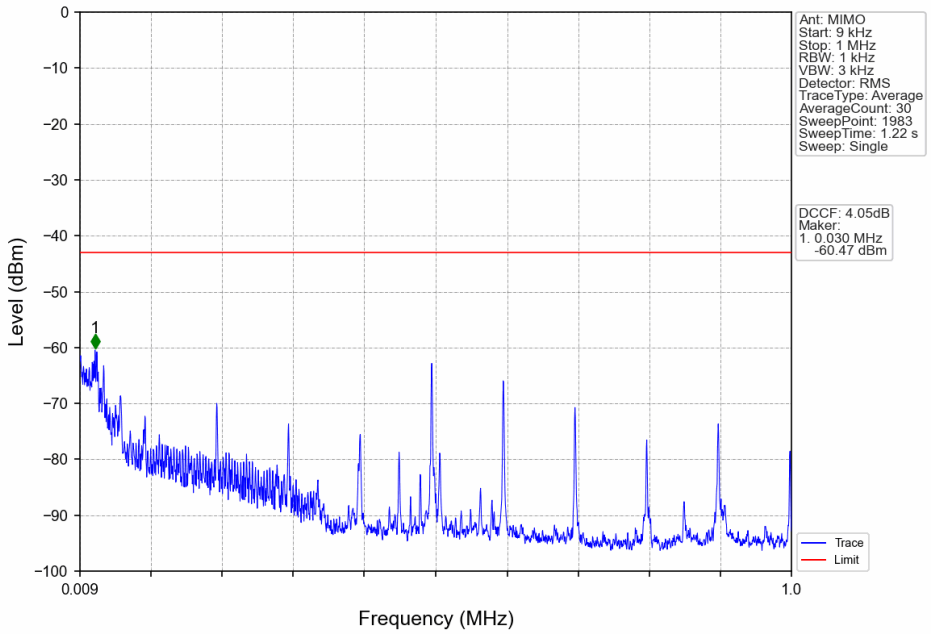


n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right

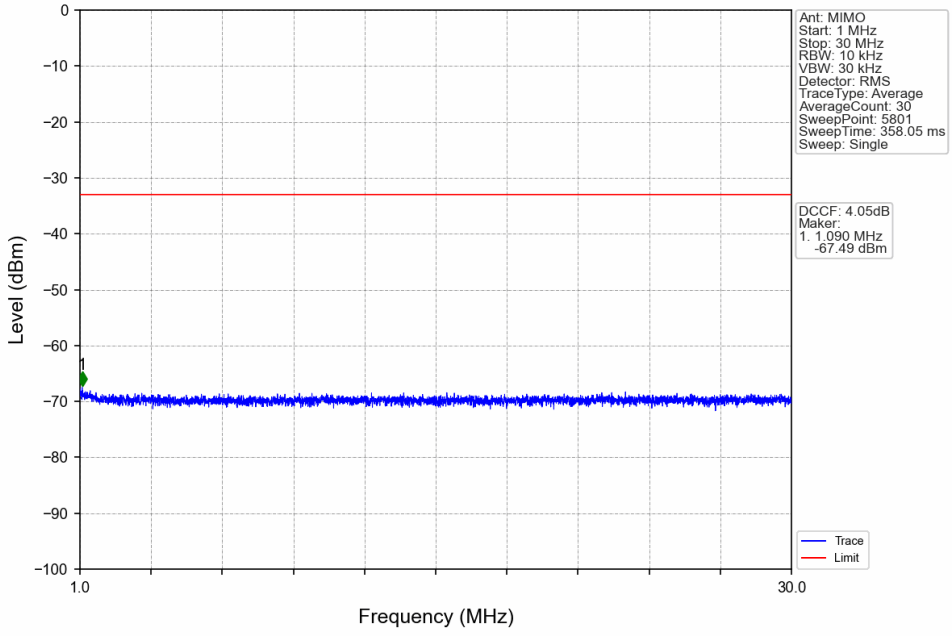


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.0051	0	1	3760.000	-65.05	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.068	-41.00	-13	Pass
3801	3805	0.5	19.91	3	3802.218	-28.21	-13	Pass

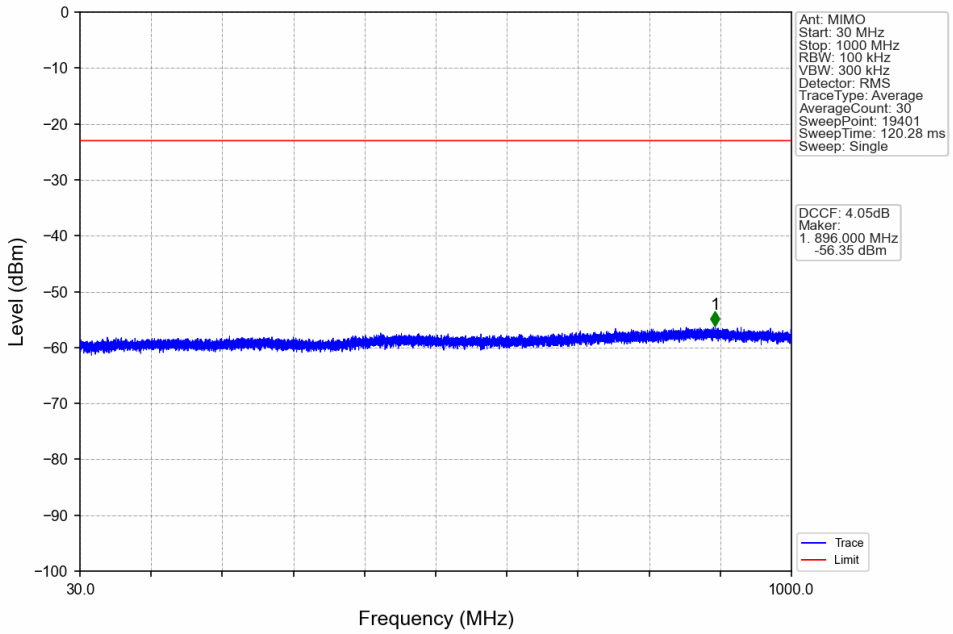
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



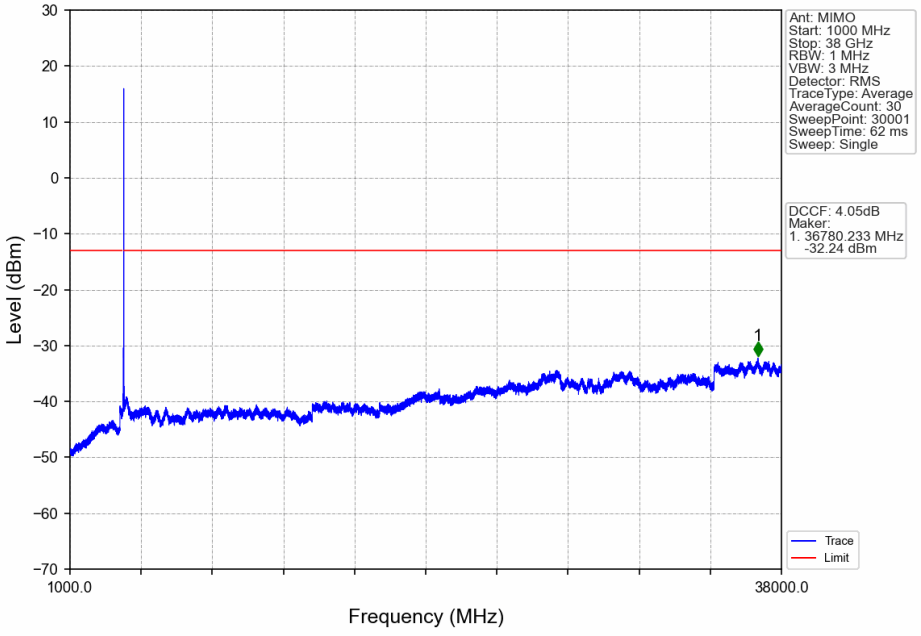
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



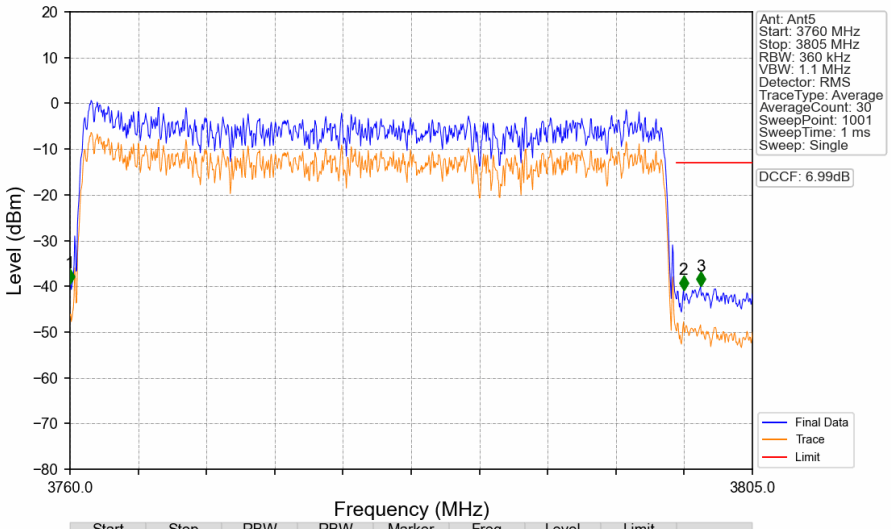
n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right



n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Edge_1RB_Right

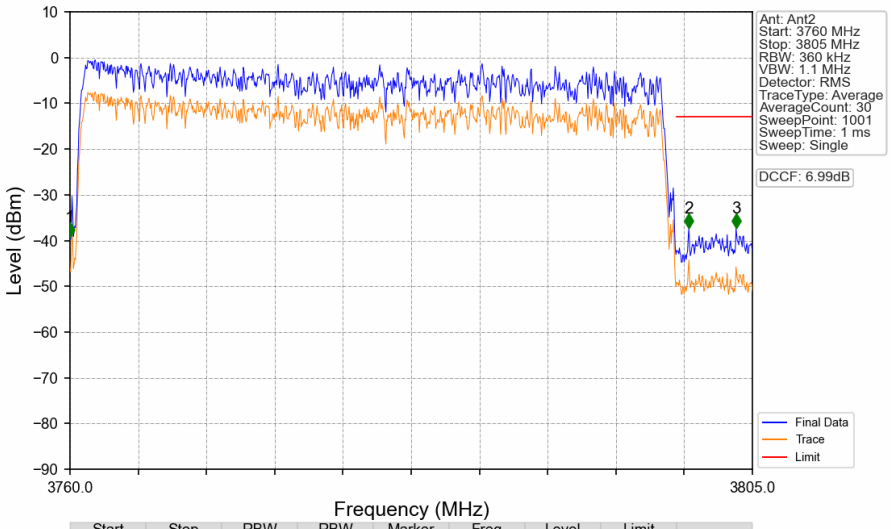


n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Outer_Full



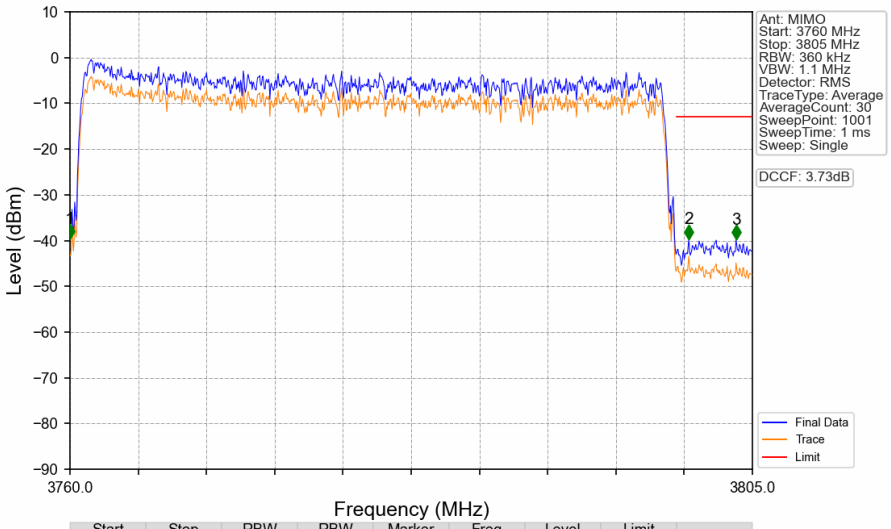
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.36	0	1	3760.000	-39.37	-13	Pass
3800	3800	0.36	0	/	/	/	/	/
3800	3801	0.36	0	2	3800.455	-40.77	-13	Pass
3801	3805	0.5	1.43	3	3801.580	-40.02	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Outer_Full



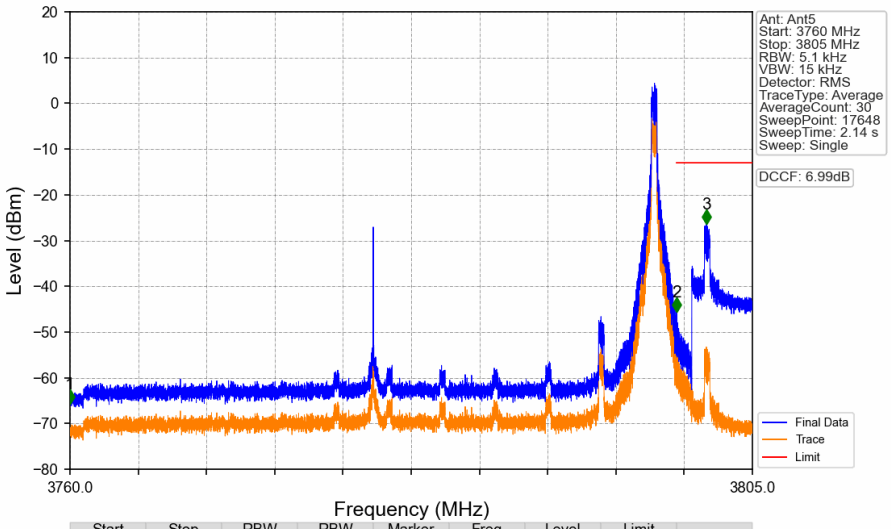
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.36	0	1	3760.000	-39.20	-13	Pass
3800	3800	0.36	0	/	/	/	/	/
3800	3801	0.36	0	2	3800.815	-37.26	-13	Pass
3801	3805	0.5	1.43	3	3803.920	-37.34	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Outer_Full



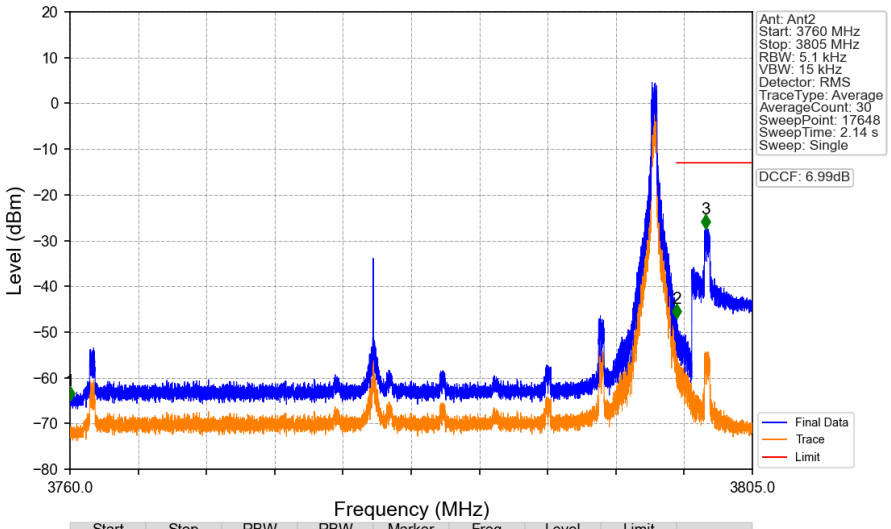
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.36	0	1	3760.000	-39.54	-13	Pass
3800	3800	0.36	0	/	/	/	/	/
3800	3801	0.36	0	2	3800.815	-39.66	-13	Pass
3801	3805	0.5	1.43	3	3803.920	-39.73	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Inner_1RB_Right



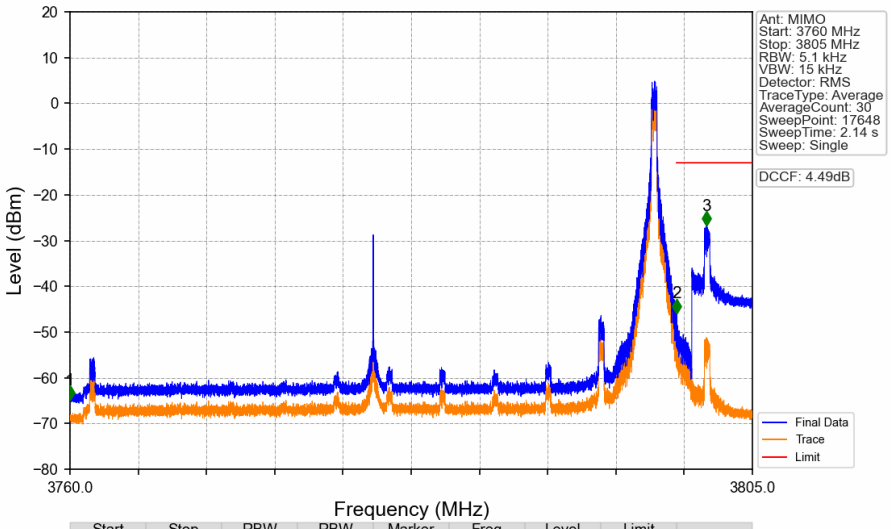
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.0051	0	1	3760.000	-65.74	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.015	-45.66	-13	Pass
3801	3805	0.5	19.91	3	3801.965	-26.36	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.0051	0	1	3760.000	-65.06	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.010	-46.96	-13	Pass
3801	3805	0.5	19.91	3	3801.904	-27.46	-13	Pass

n78a_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3780MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3760	3800	0.0051	0	1	3760.000	-64.88	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.015	-45.88	-13	Pass
3801	3805	0.5	19.91	3	3801.965	-26.80	-13	Pass

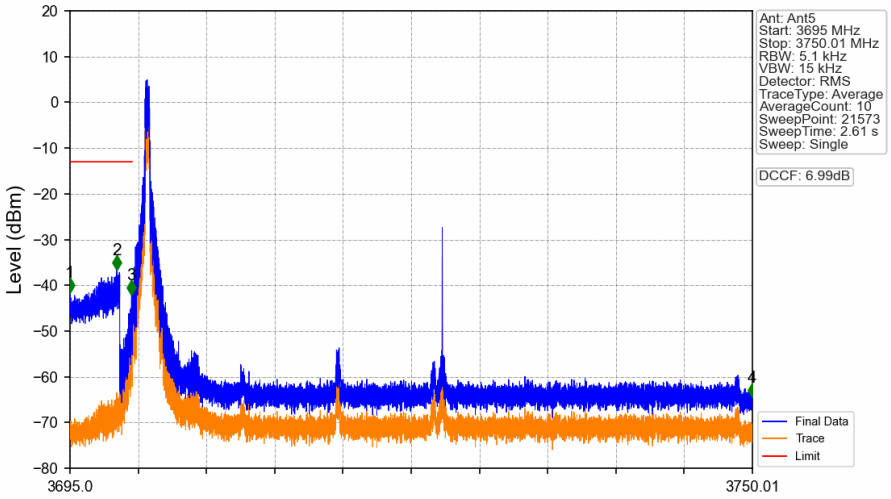
1.13 30k_MIMO_50MHz_NTNV

1.13.1 Test Result

5G NR n78a SCS=30kHz MIMO 50MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3725.01	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
	3774.99	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

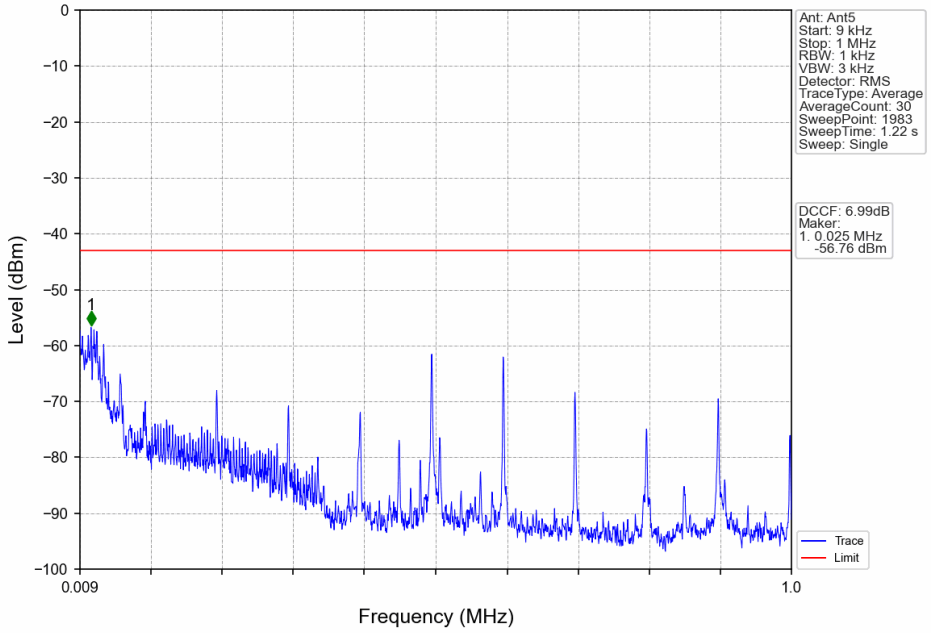
1.13.2 Test Graph

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left

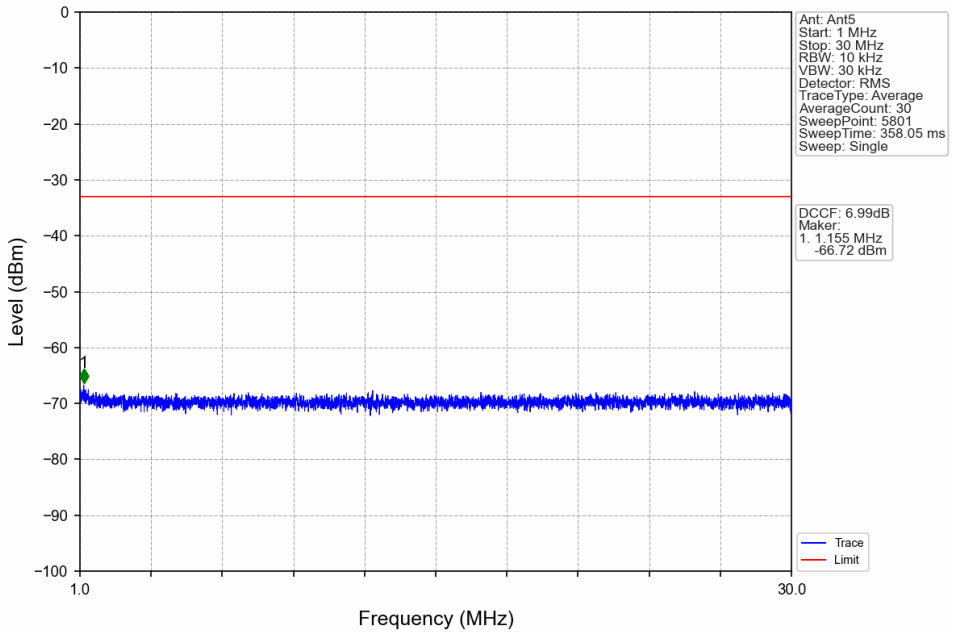


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.000	-41.59	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.777	-36.60	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.968	-42.07	-13	Pass
3700.01	3750.01	0.0051	0	4	3750.010	-64.44	-13	Pass

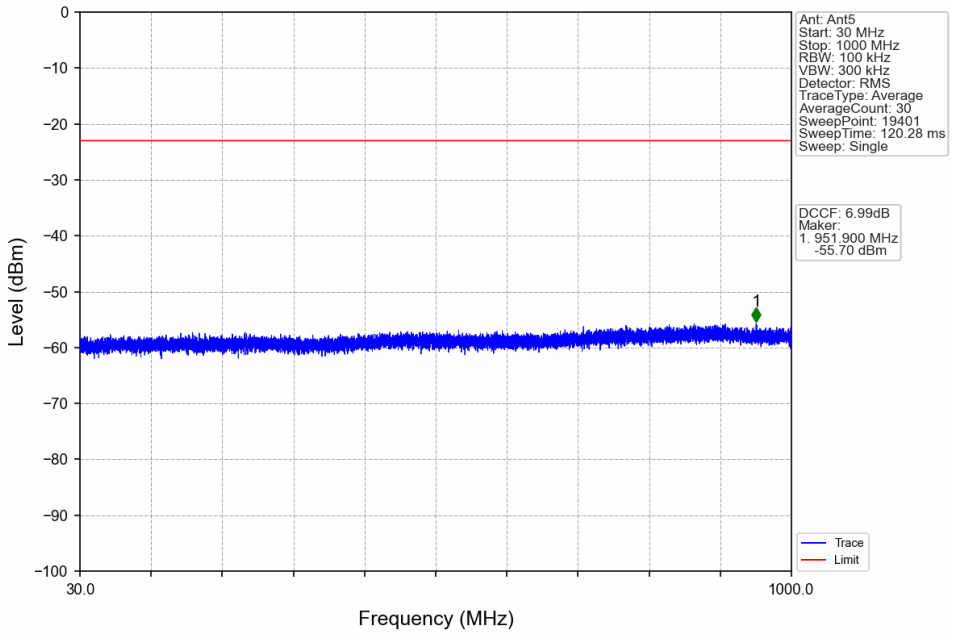
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



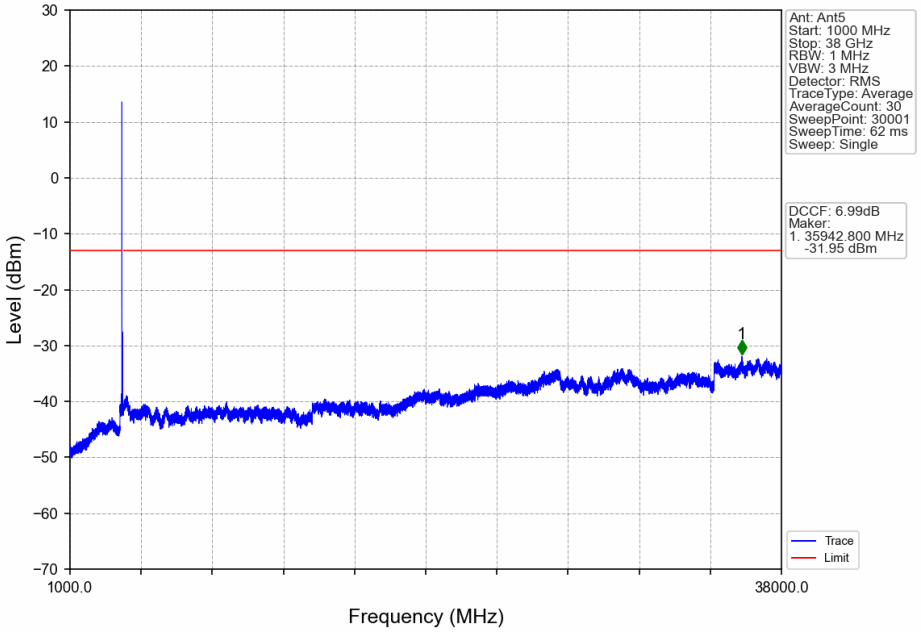
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



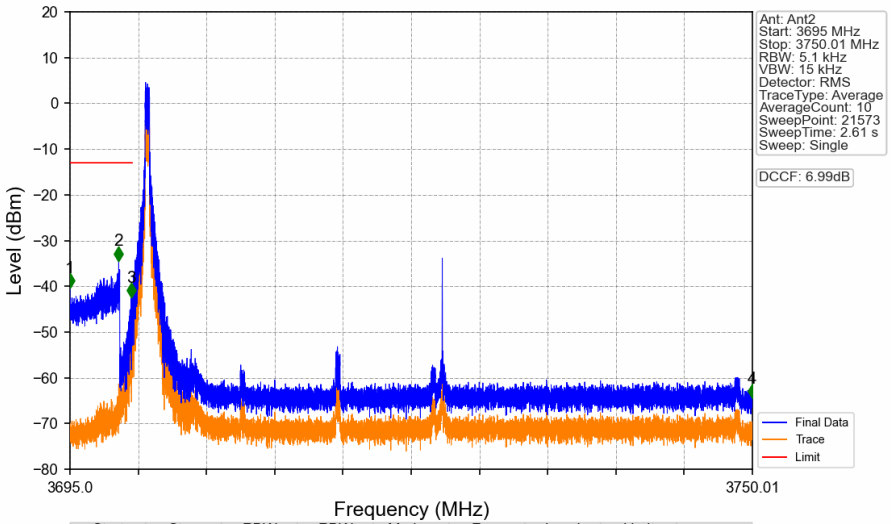
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left

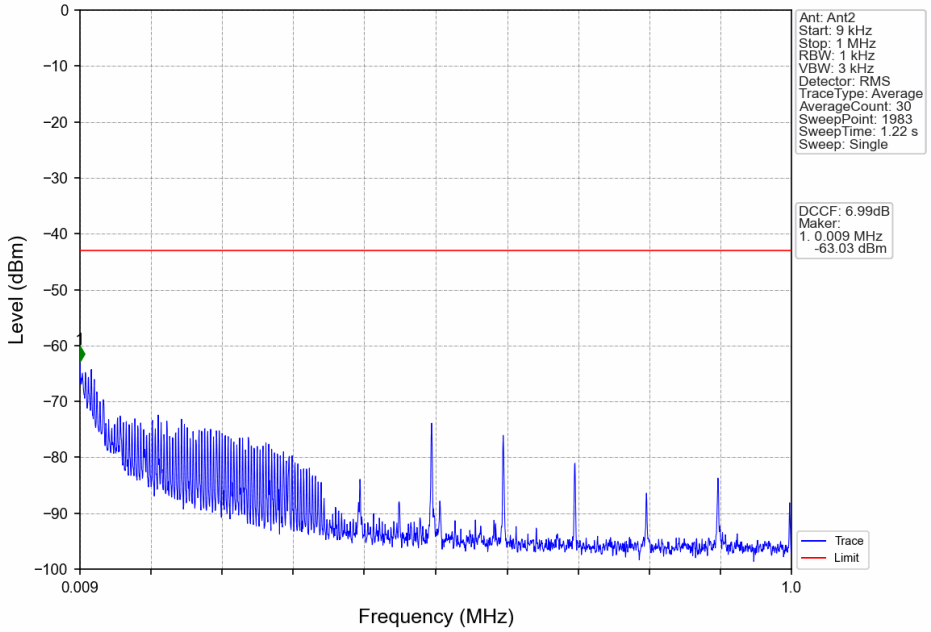


n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left

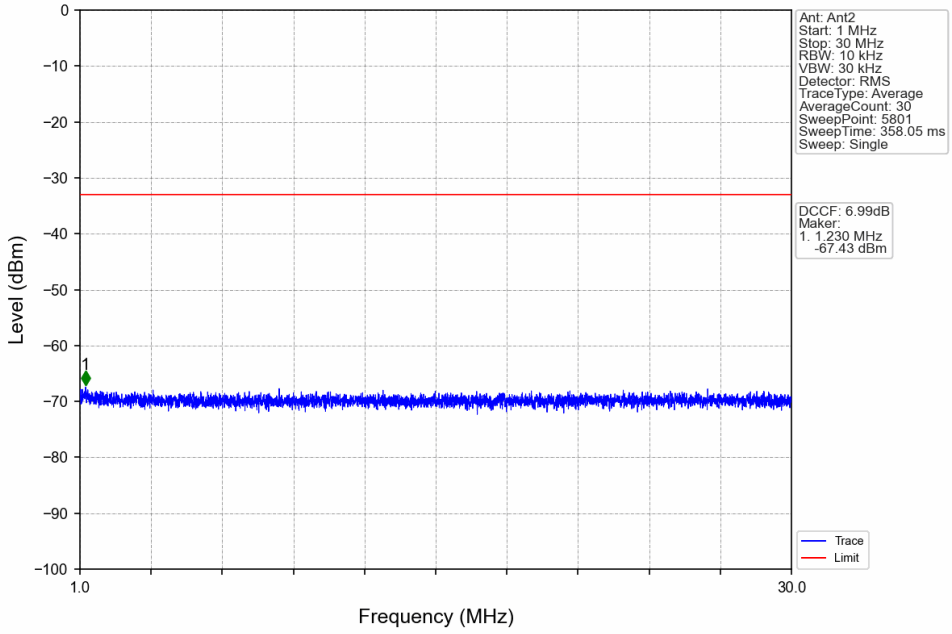


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.000	-40.40	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.930	-34.41	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.945	-42.51	-13	Pass
3700.01	3750.01	0.0051	0	4	3750.010	-64.44	-13	Pass

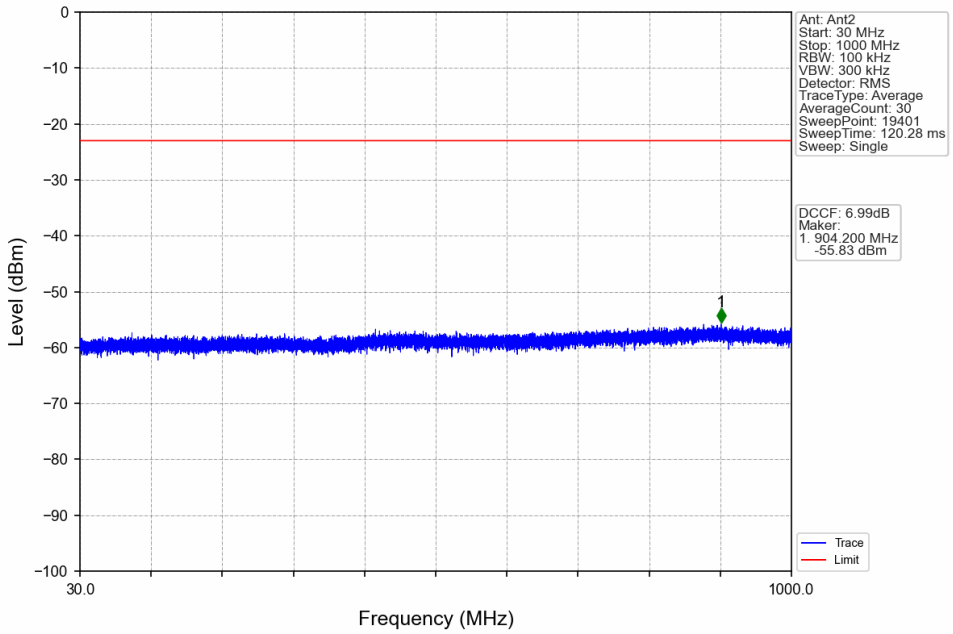
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



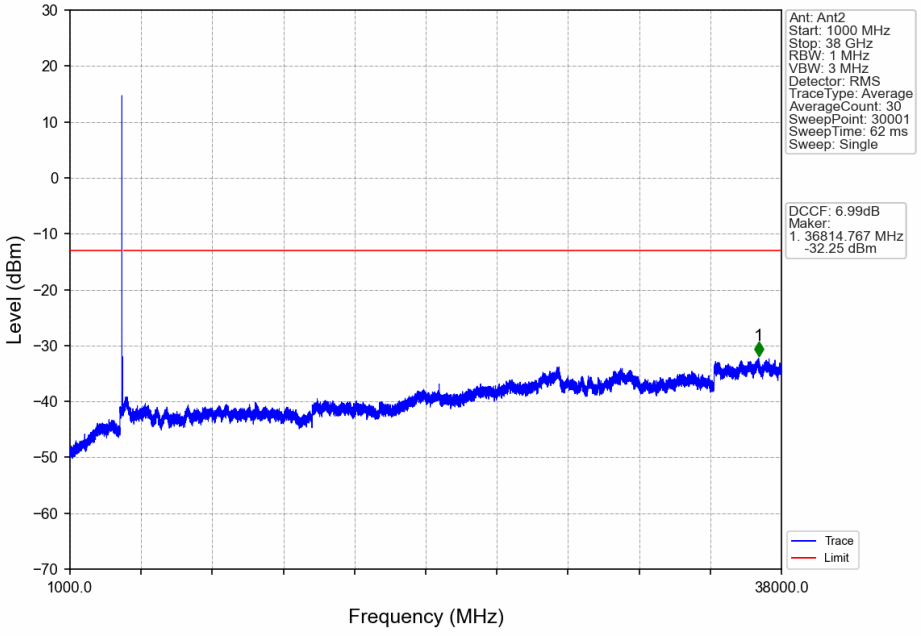
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



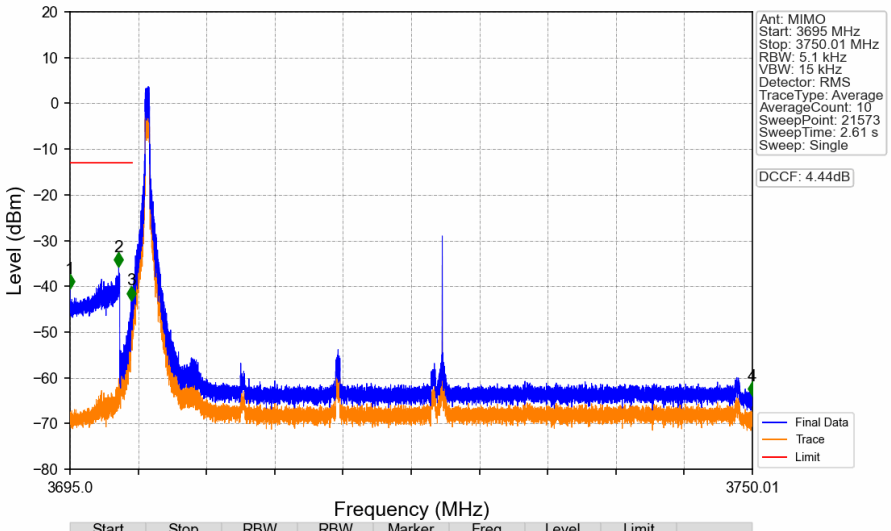
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left

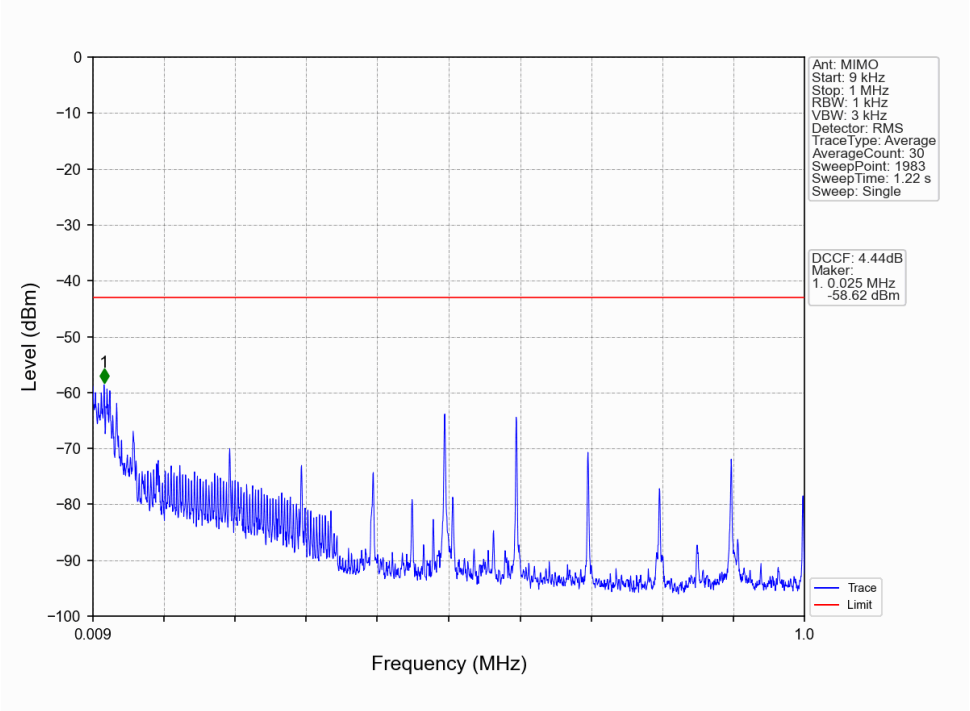


n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left

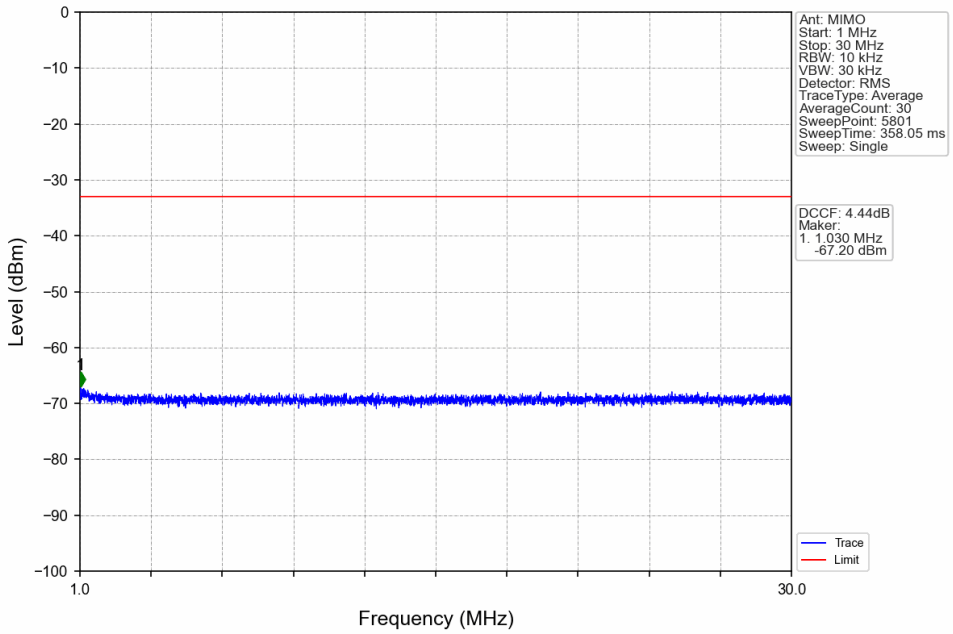


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.000	-40.49	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.930	-35.77	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.965	-43.07	-13	Pass
3700.01	3750.01	0.0051	0	4	3750.010	-63.98	-13	Pass

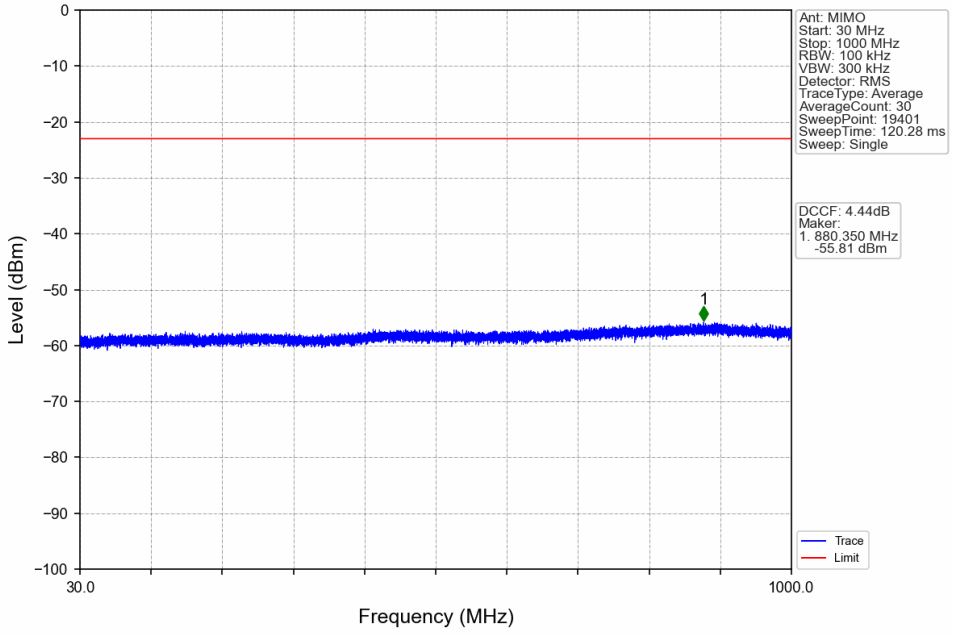
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



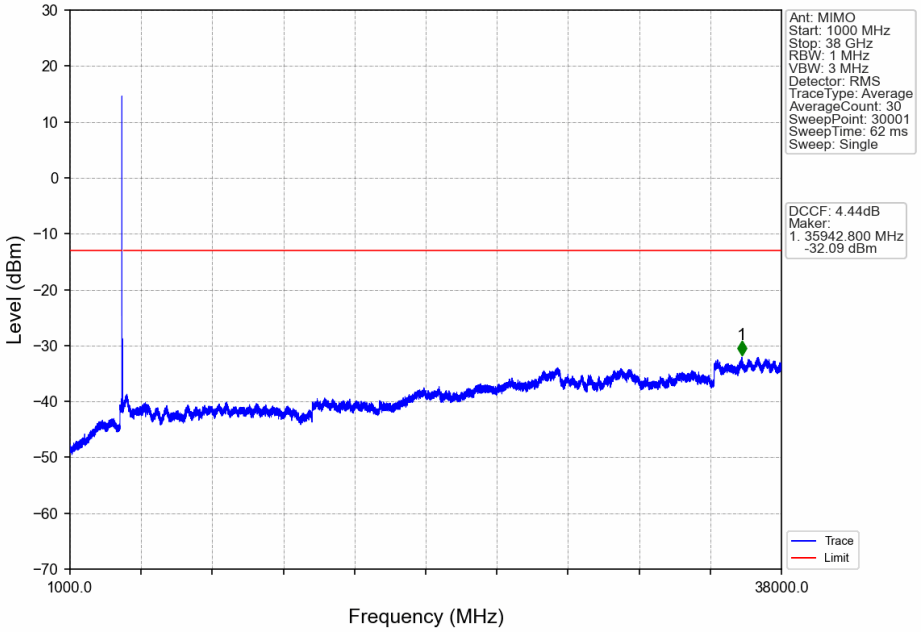
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



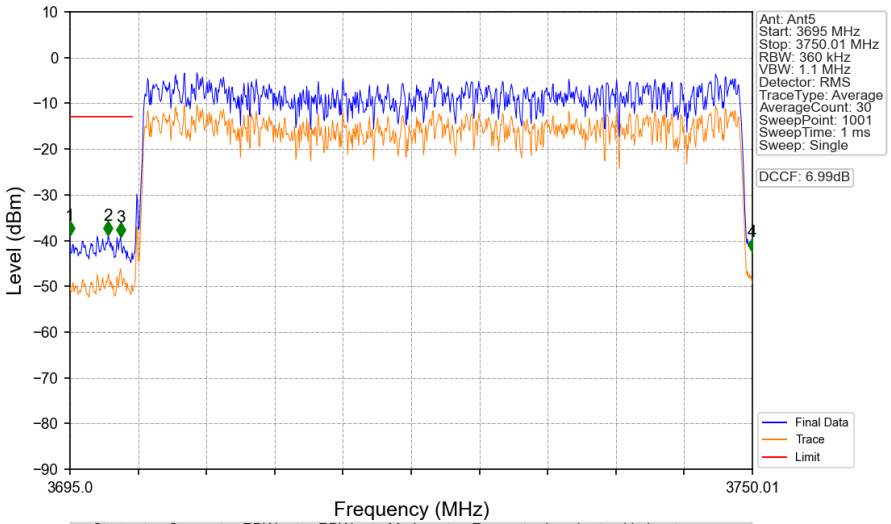
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Edge_1RB_Left

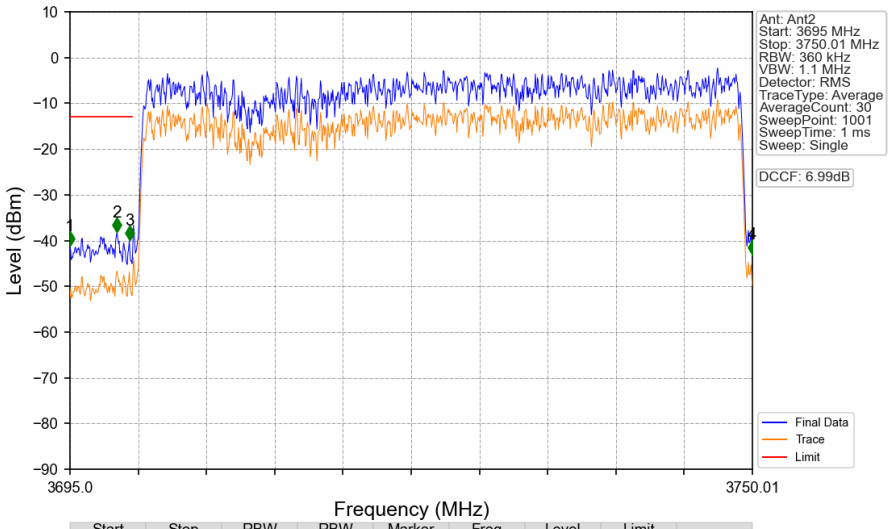


n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Outer_Full



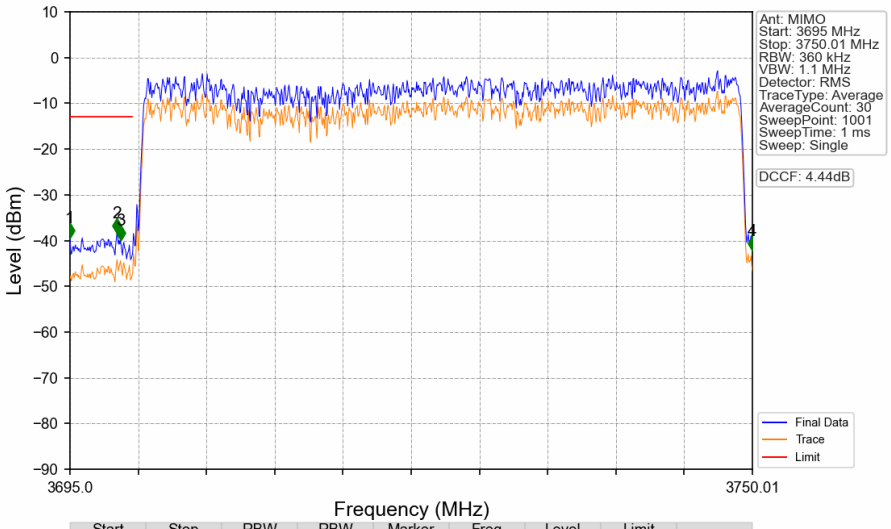
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	4.44	1	3695.000	-38.83	-13	Pass
3695.01	3699.01	0.5	1.43	2	3698.081	-38.89	-13	Pass
3699.01	3700.01	0.36	0	3	3699.071	-39.16	-13	Pass
3700.01	3750.01	0.36	0	4	3750.010	-42.48	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Outer_Full



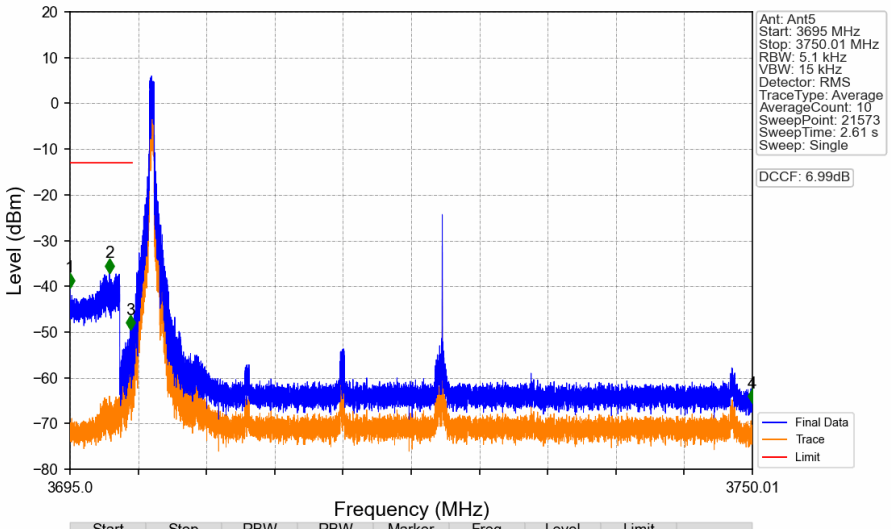
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	4.44	1	3695.000	-41.22	-13	Pass
3695.01	3699.01	0.5	1.43	2	3698.796	-38.22	-13	Pass
3699.01	3700.01	0.36	0	3	3699.786	-39.91	-13	Pass
3700.01	3750.01	0.36	0	4	3750.010	-43.01	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Outer_Full



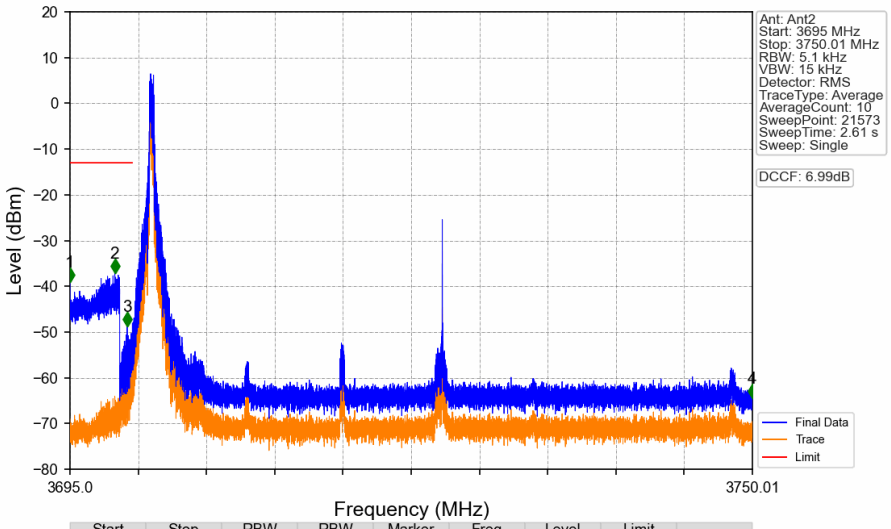
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	4.44	1	3695.000	-39.40	-13	Pass
3695.01	3699.01	0.5	1.43	2	3698.796	-38.28	-13	Pass
3699.01	3700.01	0.36	0	3	3699.071	-39.99	-13	Pass
3700.01	3750.01	0.36	0	4	3750.010	-42.28	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Inner_1RB_Left



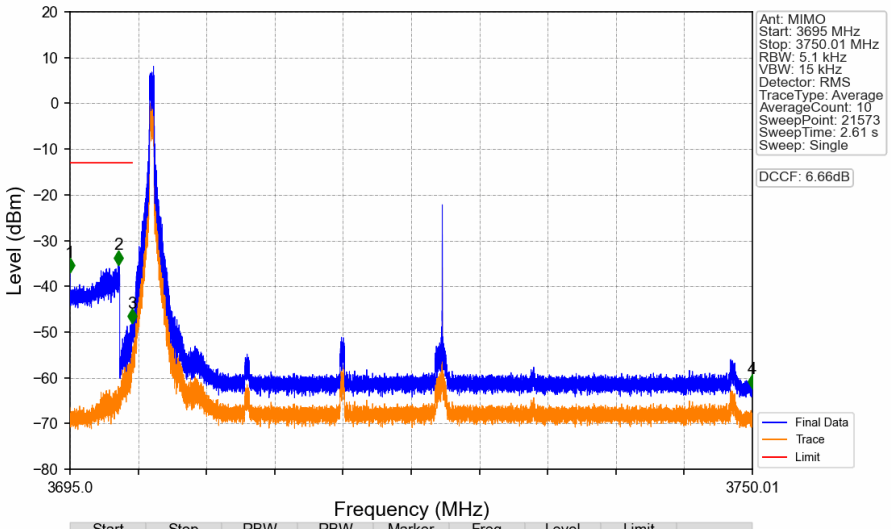
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.000	-40.25	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.182	-37.09	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.894	-49.49	-13	Pass
3700.01	3750.01	0.0051	0	4	3750.010	-65.60	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Inner_1RB_Left



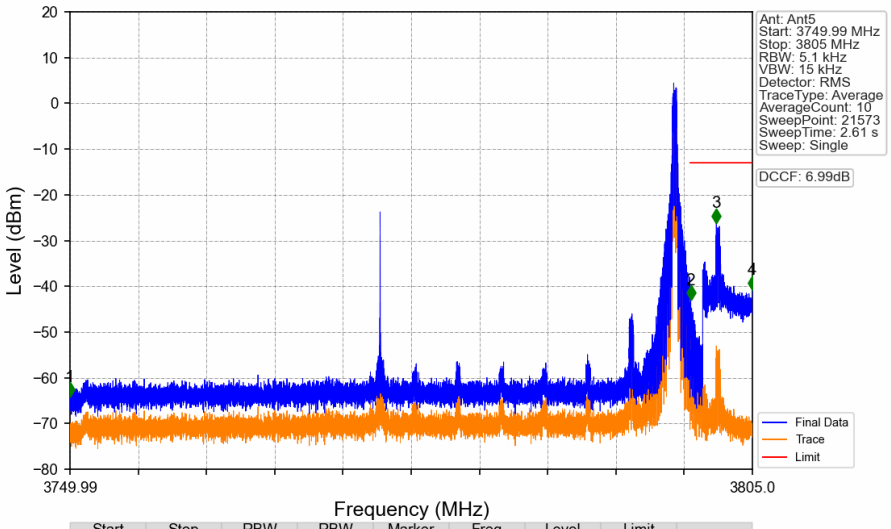
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.000	-39.12	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.613	-37.13	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.611	-48.73	-13	Pass
3700.01	3750.01	0.0051	0	4	3750.010	-64.56	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3725.01MHz_Inner_1RB_Left



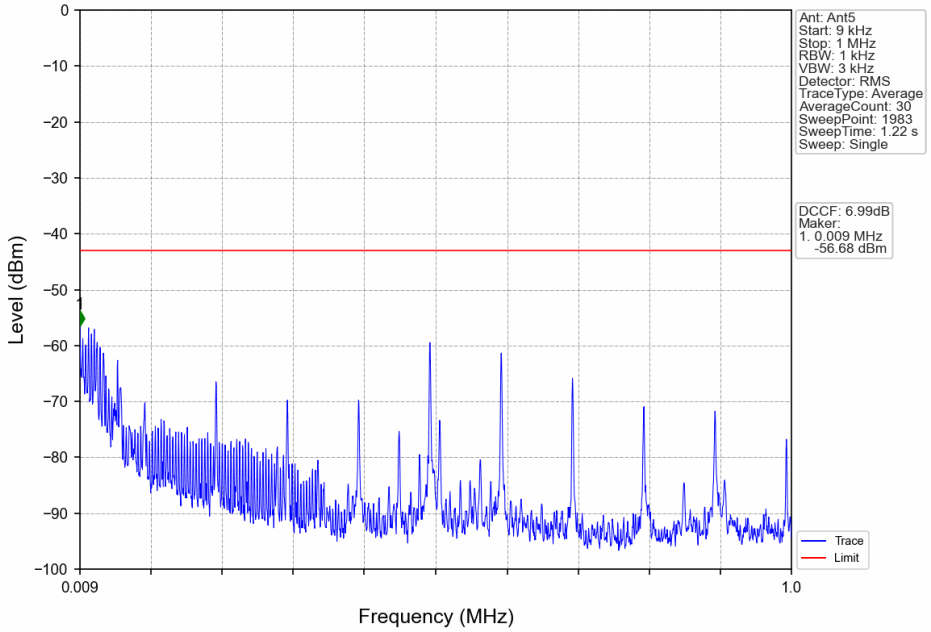
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.000	-36.97	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.894	-35.28	-13	Pass
3699.01	3700.01	0.0051	0	3	3700.006	-48.13	-13	Pass
3700.01	3750.01	0.0051	0	4	3750.010	-62.37	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right

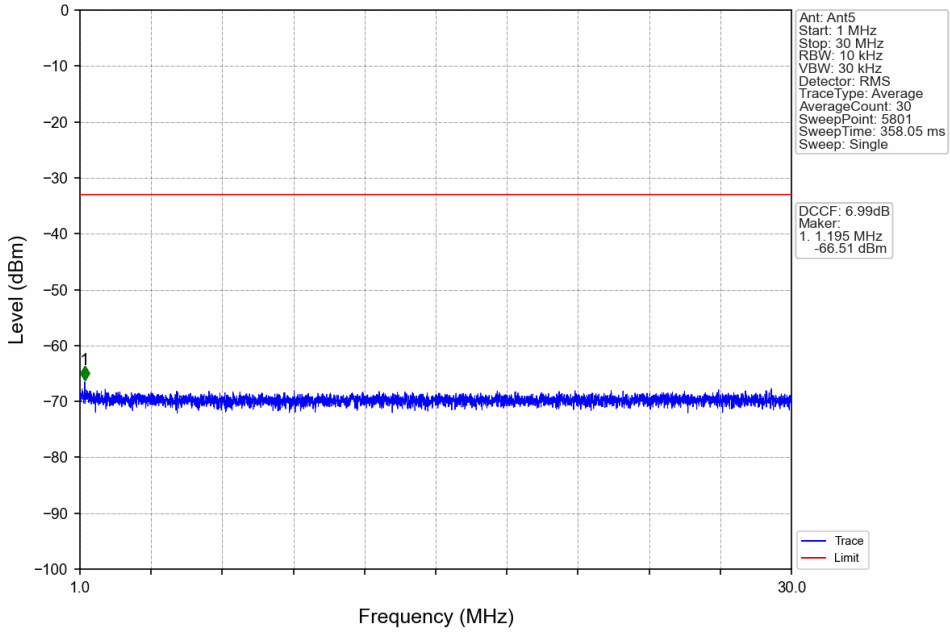


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.0051	0	1	3749.990	-64.08	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.027	-42.97	-13	Pass
3800.99	3804.99	0.5	19.91	3	3802.095	-26.12	-13	Pass
3804.99	3805	1	22.92	4	3804.992	-40.77	-13	Pass

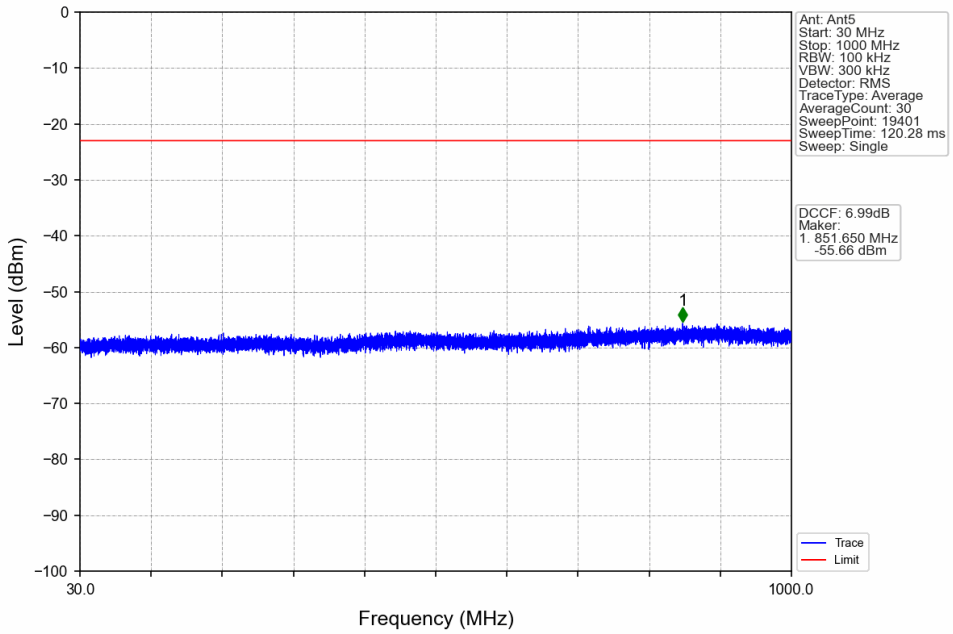
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



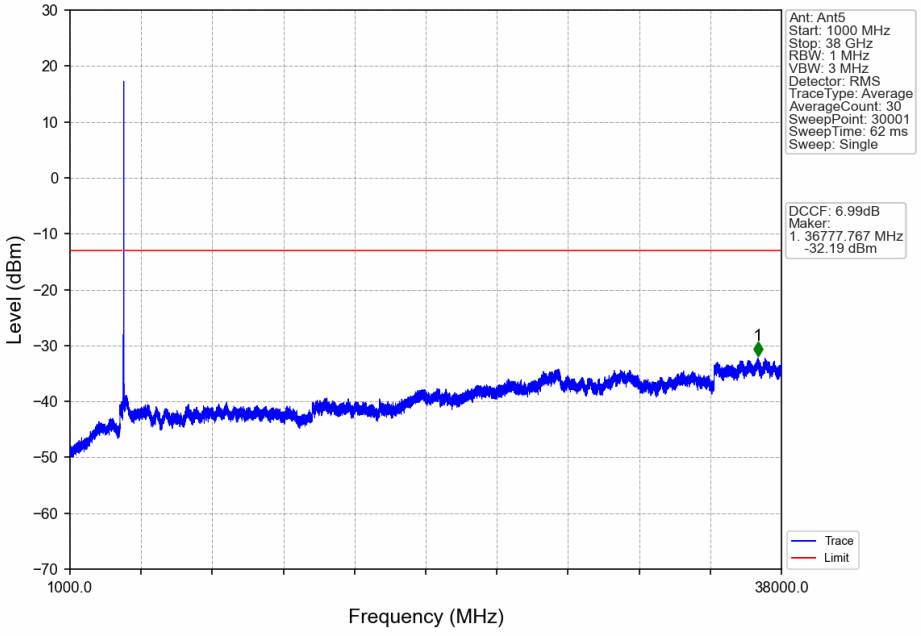
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



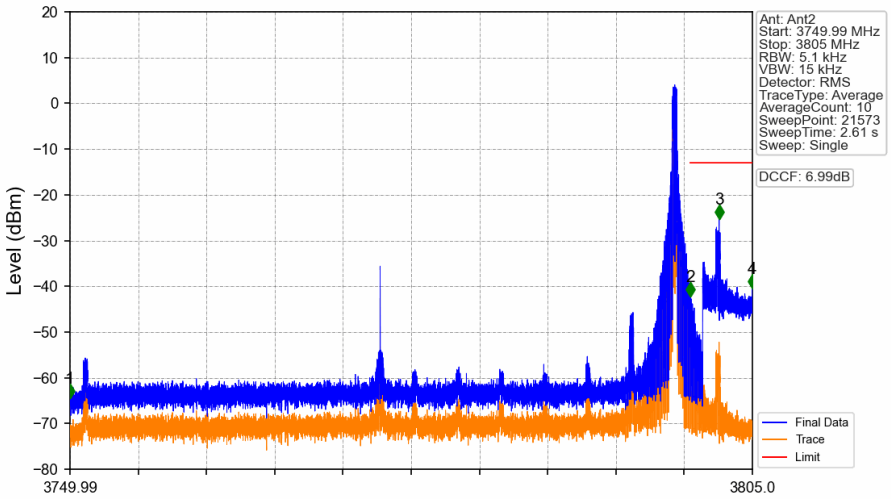
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right

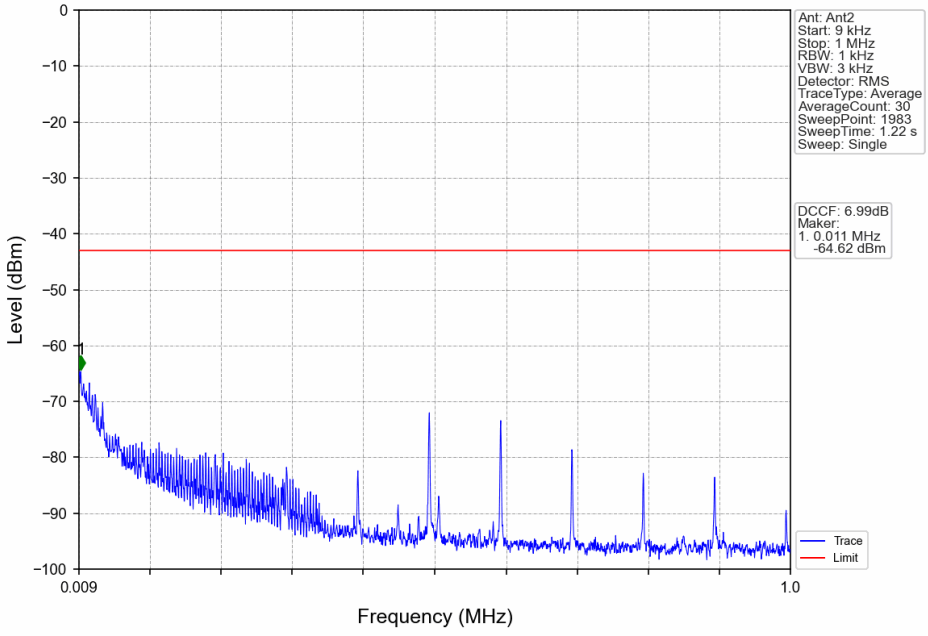


n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right

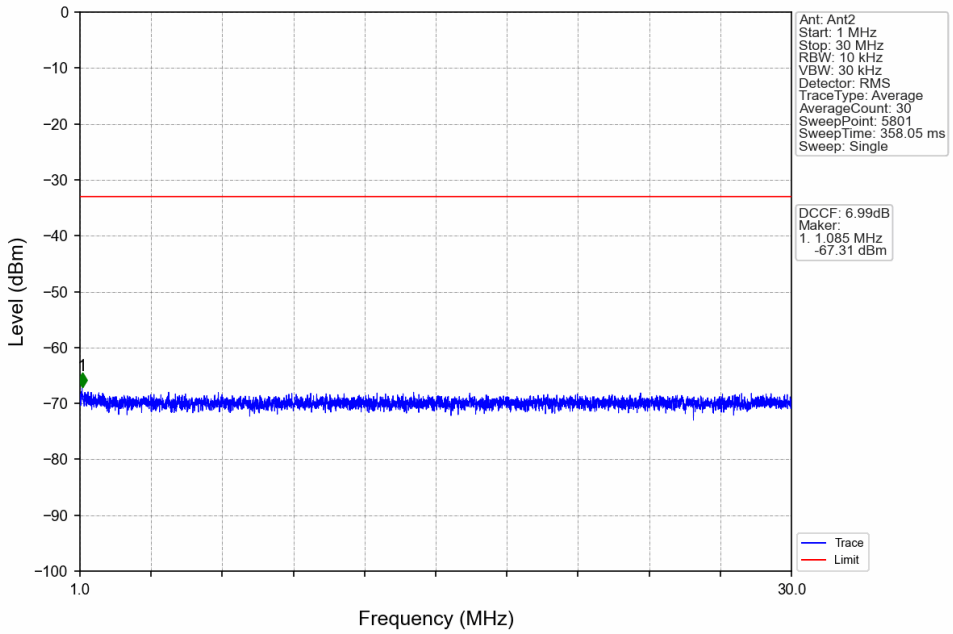


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.0051	0	1	3749.990	-64.55	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.002	-42.21	-13	Pass
3800.99	3804.99	0.5	19.91	3	3802.315	-25.33	-13	Pass
3804.99	3805	1	22.92	4	3804.992	-40.47	-13	Pass

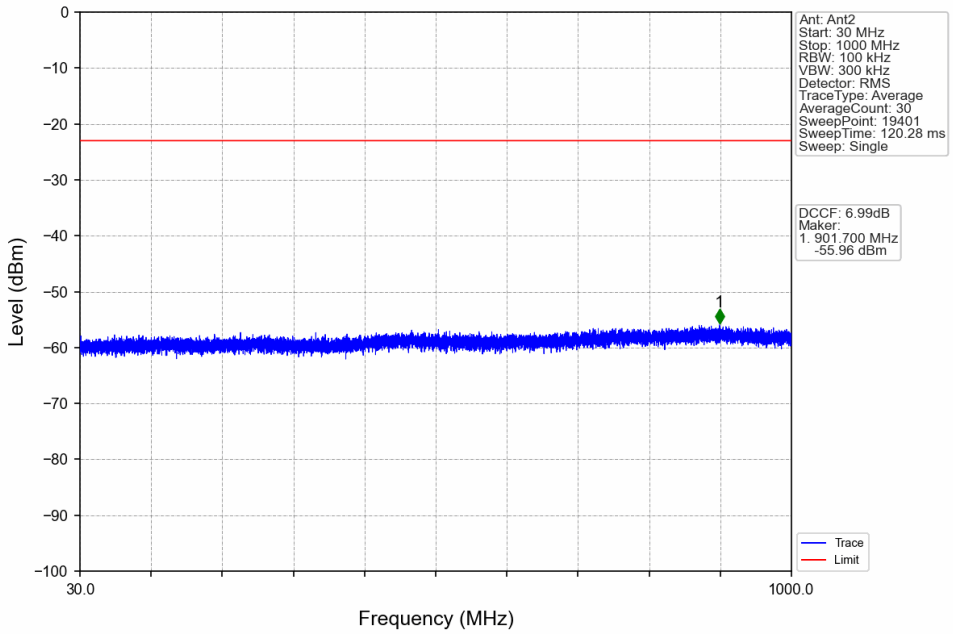
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



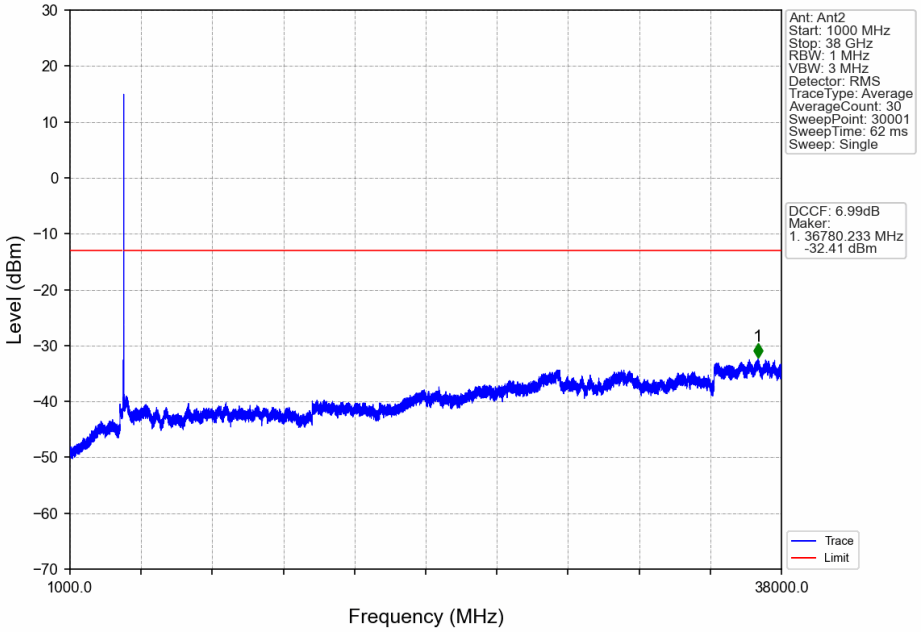
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



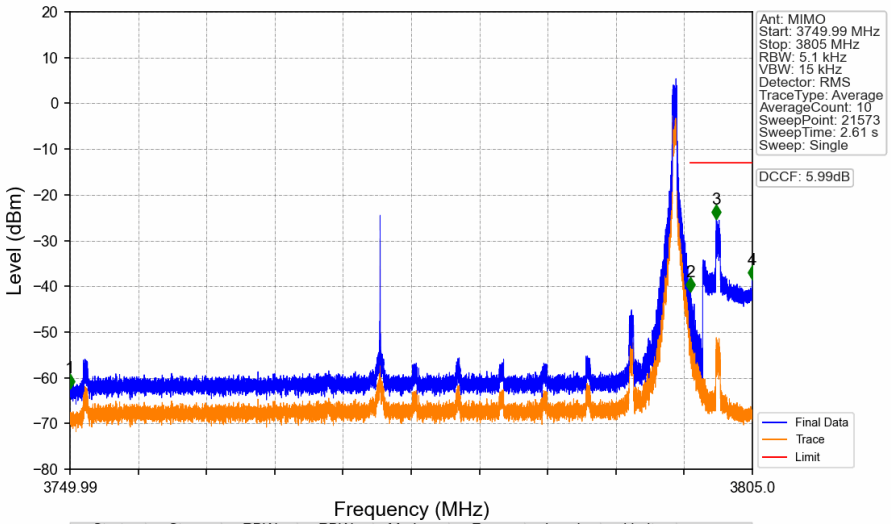
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right

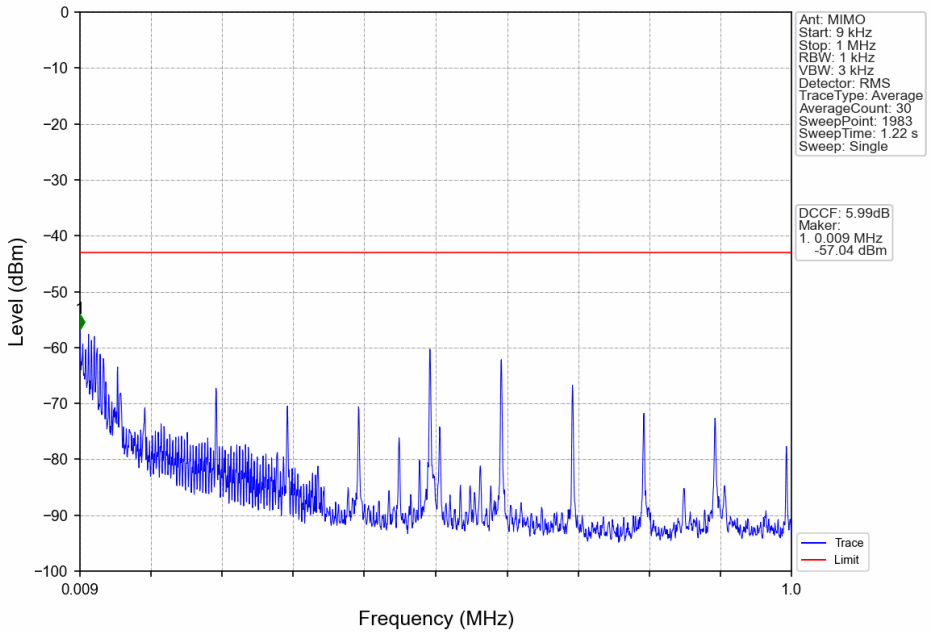


n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right

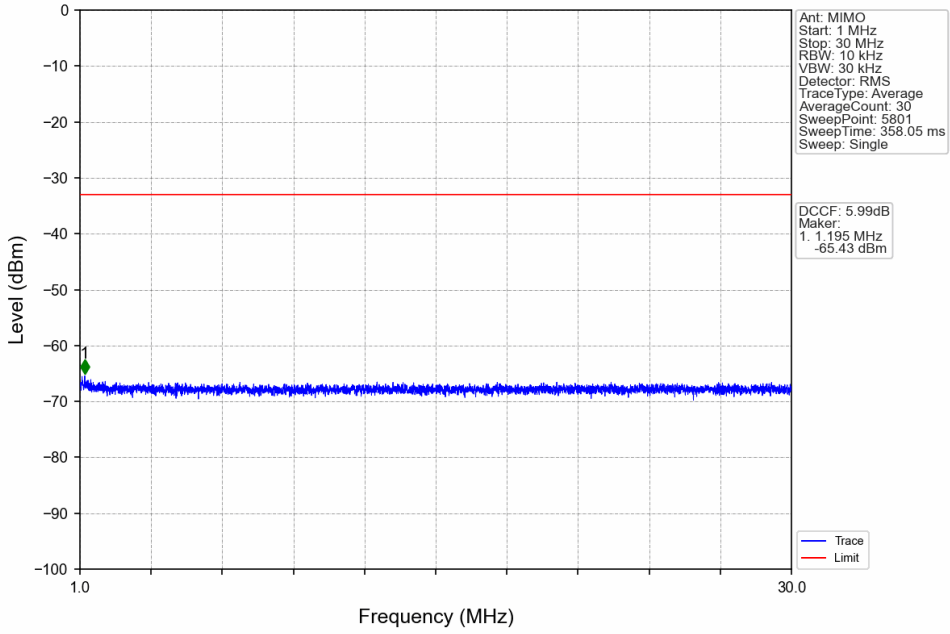


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.0051	0	1	3749.990	-62.30	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3799.994	-41.22	-13	Pass
3800.99	3804.99	0.5	19.91	3	3802.090	-25.32	-13	Pass
3804.99	3805	1	22.92	4	3804.992	-38.60	-13	Pass

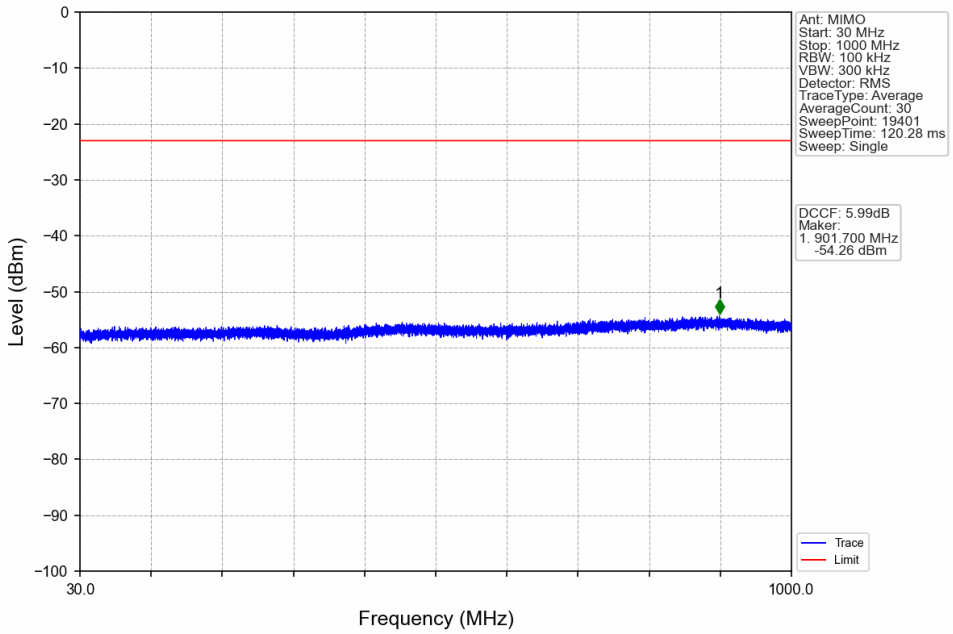
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



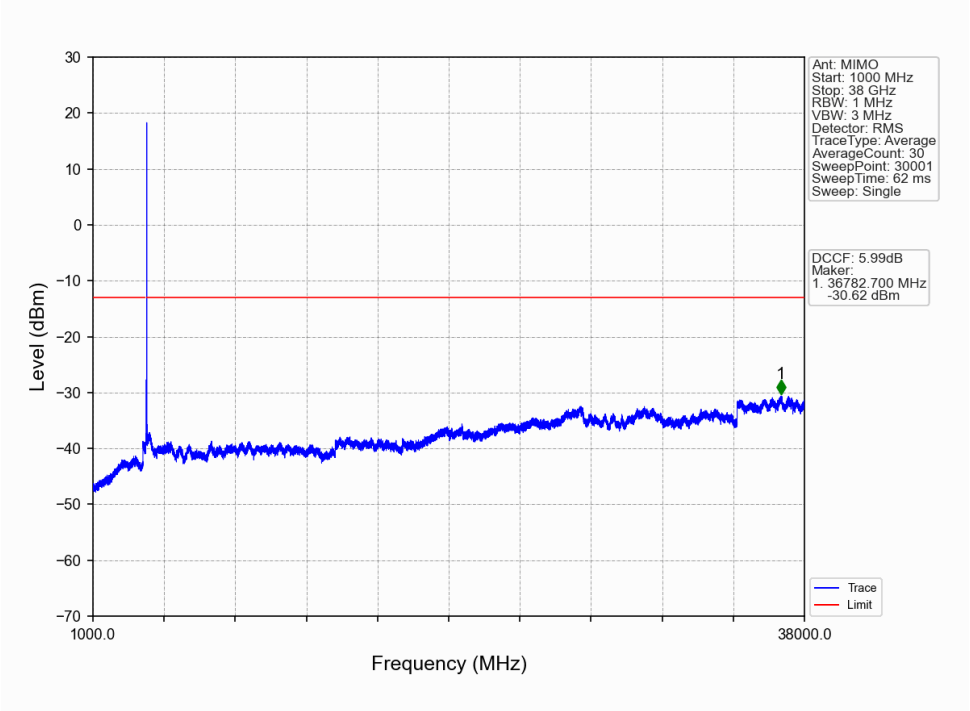
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



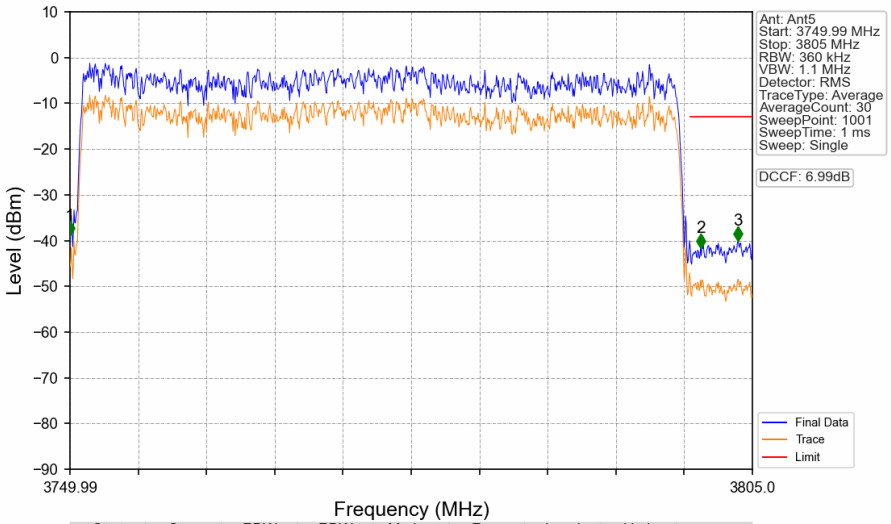
n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right



n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Edge_1RB_Right

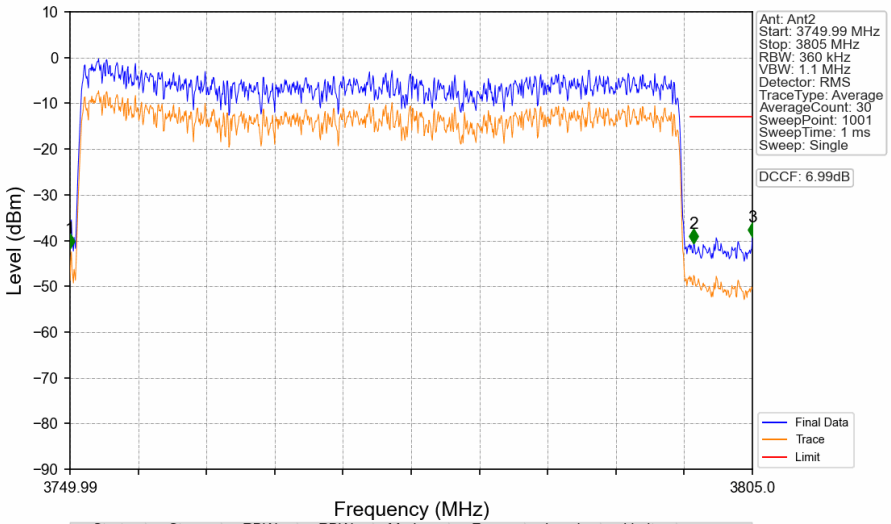


n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Outer_Full



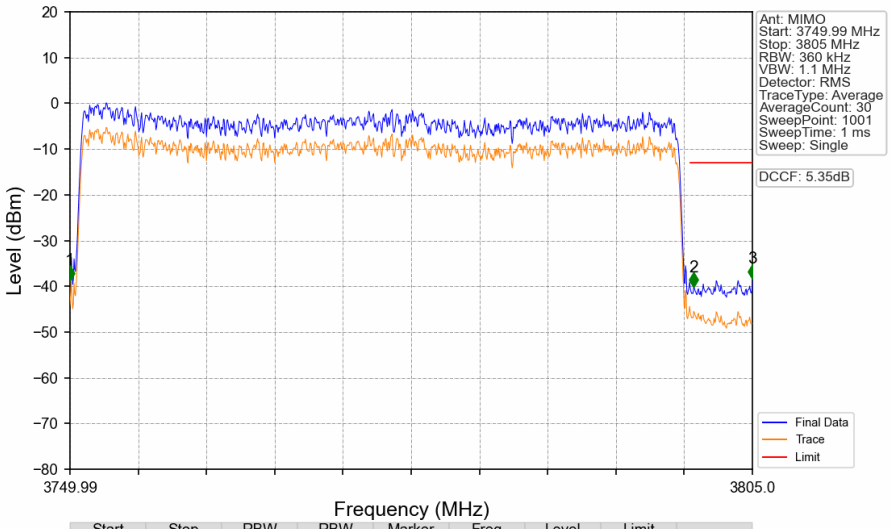
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.36	0	1	3749.990	-38.82	-13	Pass
3799.99	3799.99	0.36	0	/	/	/	/	/
3799.99	3800.99	0.36	0	2	3800.819	-41.62	-13	Pass
3800.99	3804.99	0.5	1.43	3	3803.845	-40.01	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Outer_Full



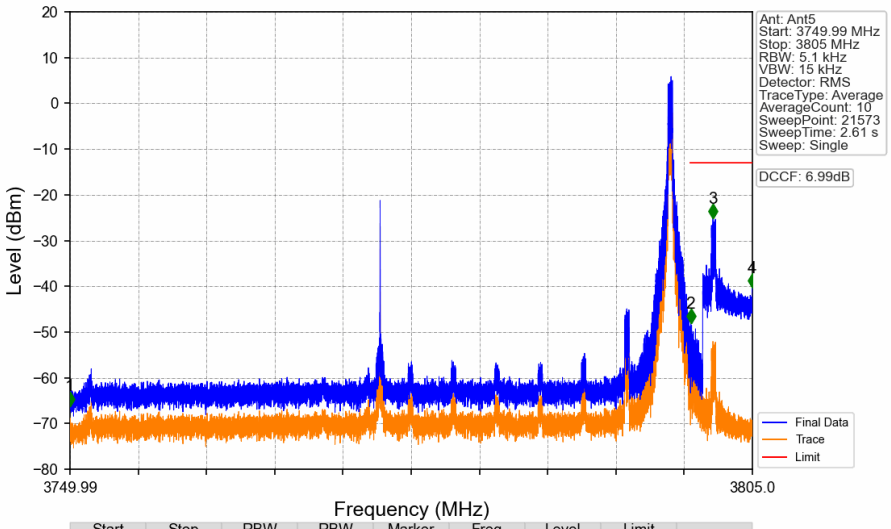
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.36	0	1	3749.990	-41.75	-13	Pass
3799.99	3799.99	0.36	0	/	/	/	/	/
3799.99	3800.99	0.36	0	2	3800.269	-40.65	-13	Pass
3800.99	3804.99	0.5	1.43	3	3805.000	-39.26	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Outer_Full



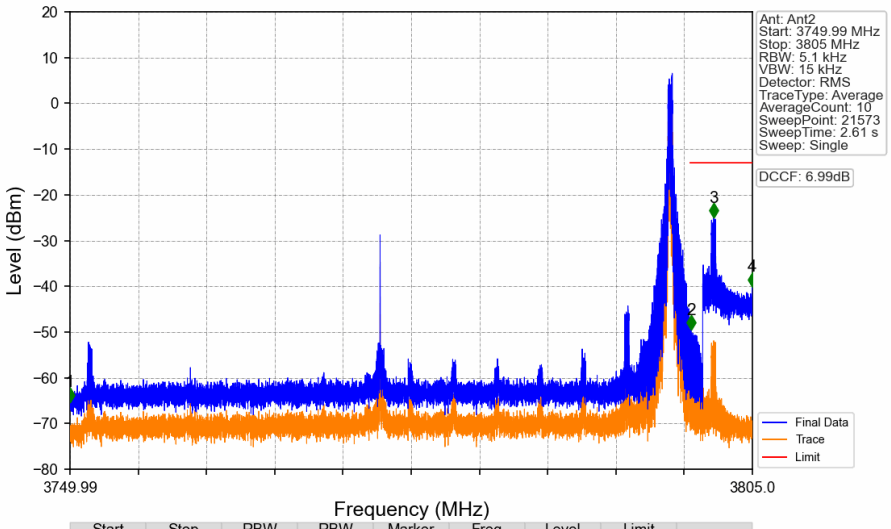
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.36	0	1	3749.990	-38.67	-13	Pass
3799.99	3799.99	0.36	0	/	/	/	/	/
3799.99	3800.99	0.36	0	2	3800.269	-40.15	-13	Pass
3800.99	3804.99	0.5	1.43	3	3805.000	-38.31	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Inner_1RB_Right



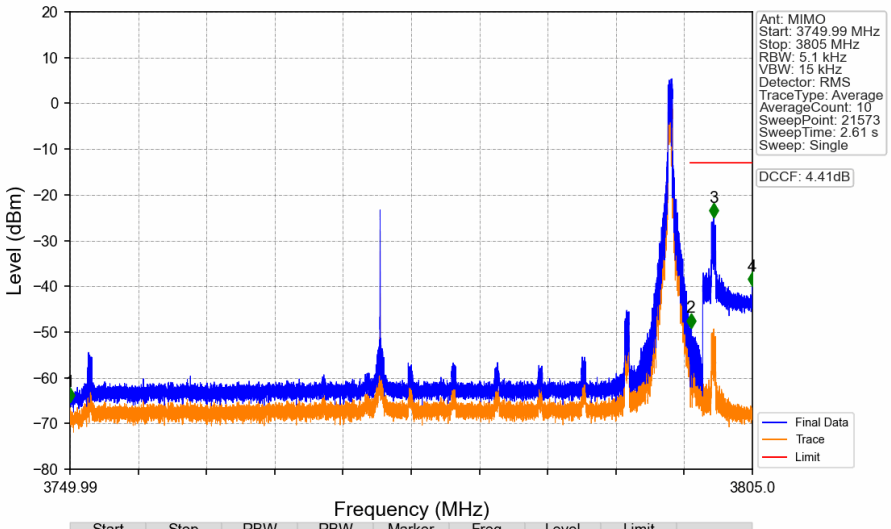
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.0051	0	1	3749.990	-66.16	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.027	-48.14	-13	Pass
3800.99	3804.99	0.5	19.91	3	3801.818	-25.16	-13	Pass
3804.99	3805	1	22.92	4	3804.995	-40.31	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.0051	0	1	3749.990	-65.28	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.050	-49.47	-13	Pass
3800.99	3804.99	0.5	19.91	3	3801.884	-24.98	-13	Pass
3804.99	3805	1	22.92	4	3804.992	-40.06	-13	Pass

n78a_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3774.99MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3749.99	3799.99	0.0051	0	1	3749.990	-65.27	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.027	-49.06	-13	Pass
3800.99	3804.99	0.5	19.91	3	3801.884	-24.98	-13	Pass
3804.99	3805	1	22.92	4	3804.992	-39.91	-13	Pass

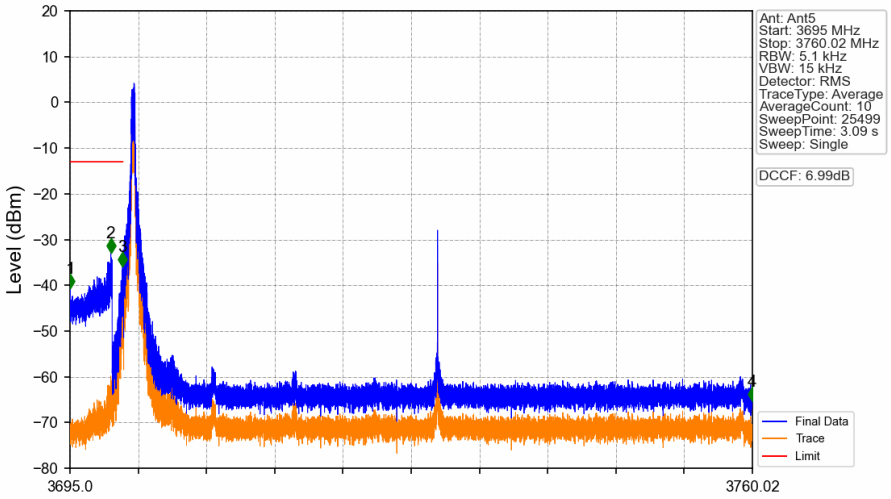
1.14 30k_MIMO_60MHz_NTNV

1.14.1 Test Result

5G NR n78a SCS=30kHz MIMO 60MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3730.02	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
	3769.98	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

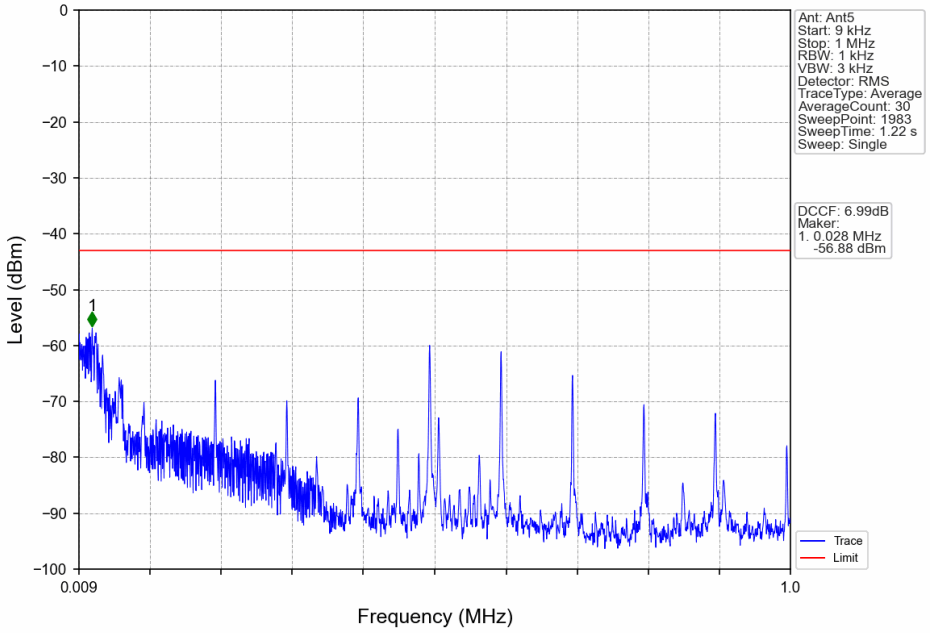
1.14.2 Test Graph

n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left

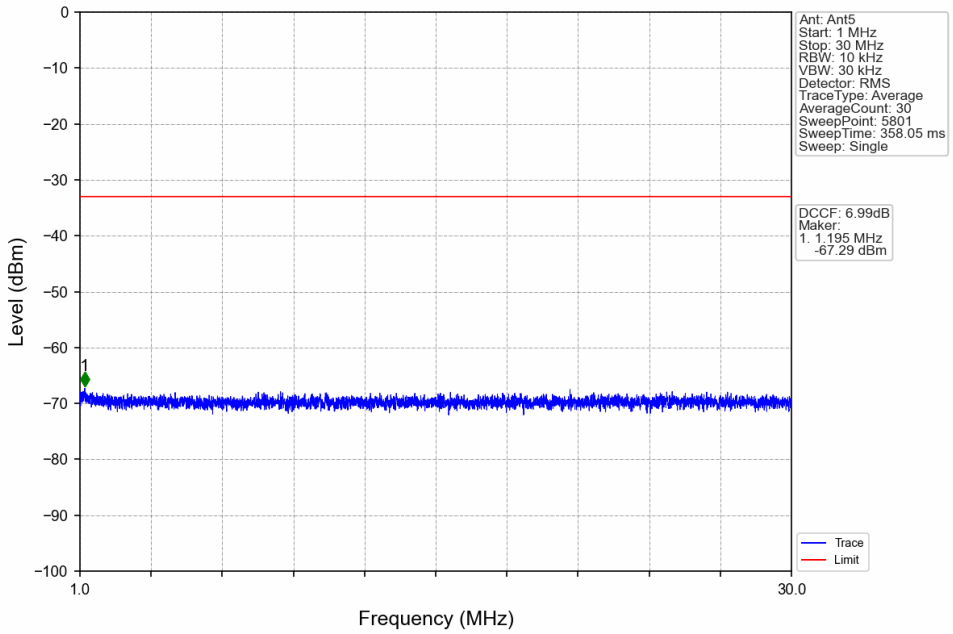


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.013	-40.65	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.891	-32.94	-13	Pass
3699.02	3700.02	0.0051	0	3	3700.011	-35.92	-13	Pass
3700.02	3760.02	0.0051	0	4	3760.020	-65.31	-13	Pass

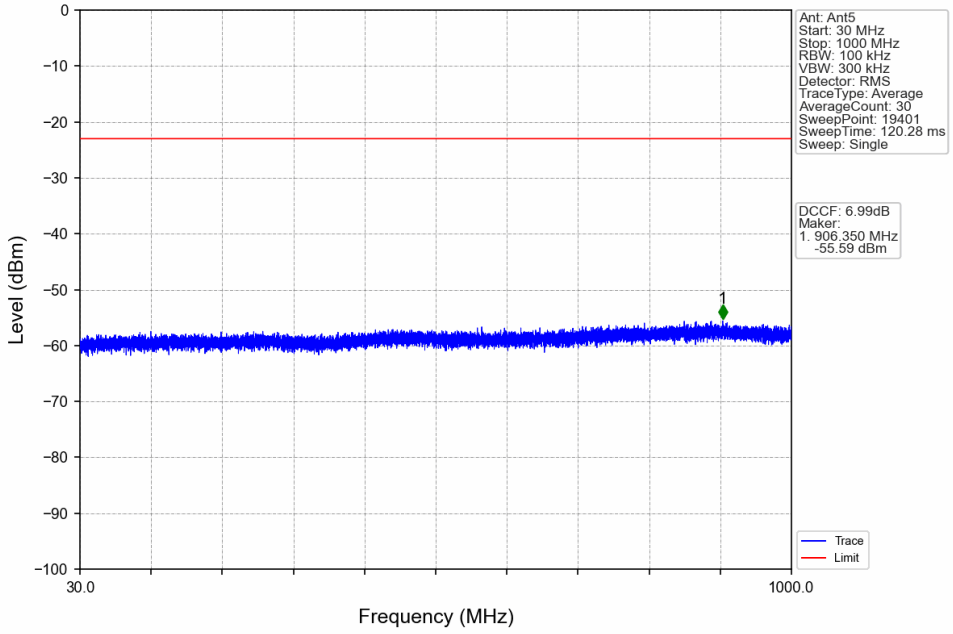
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



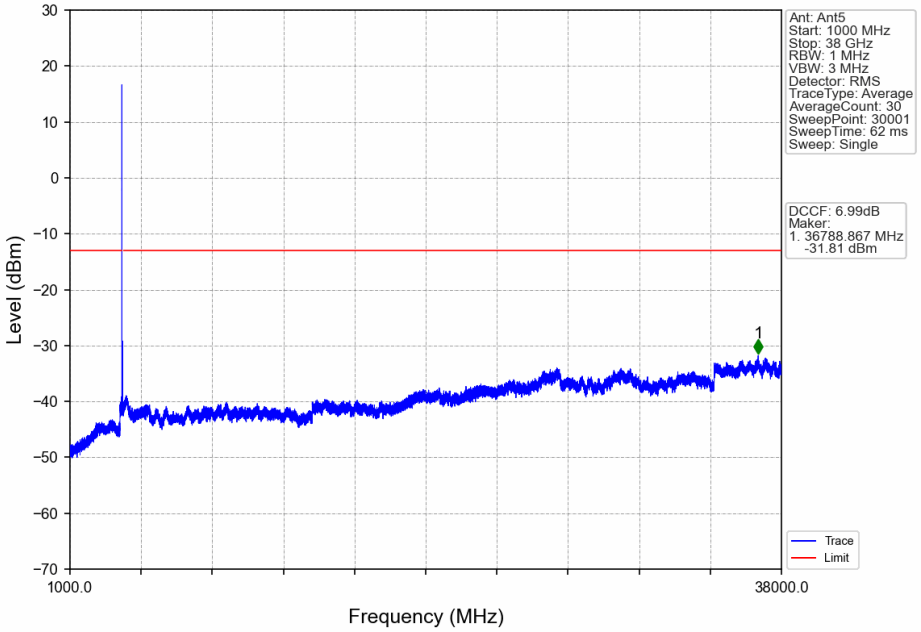
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



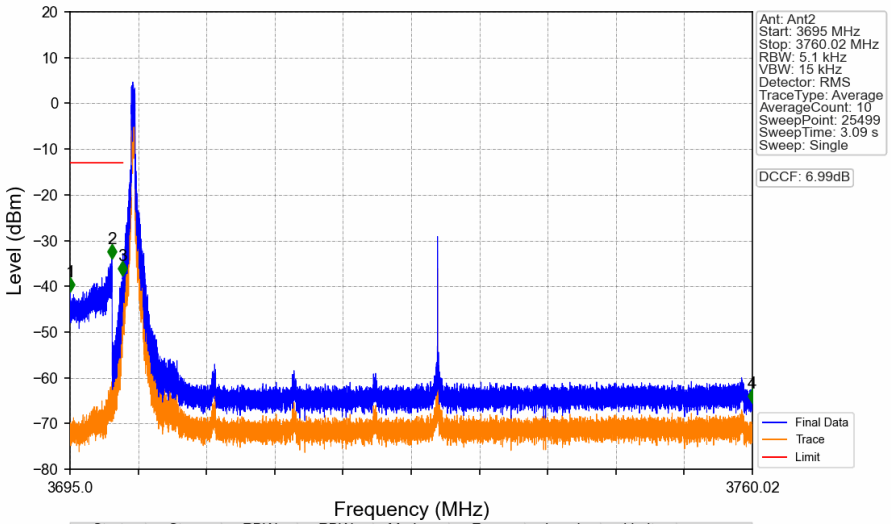
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left

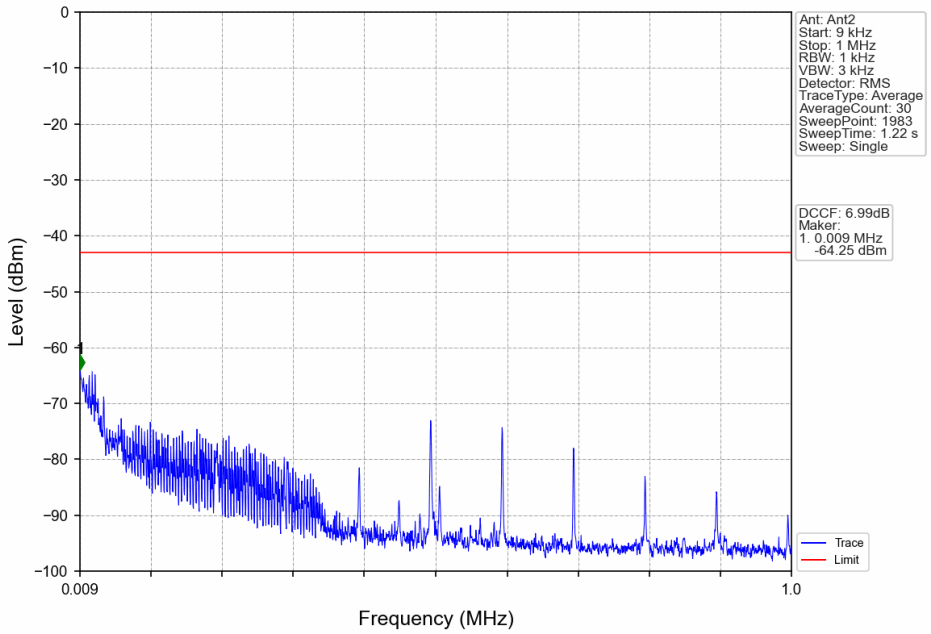


n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left

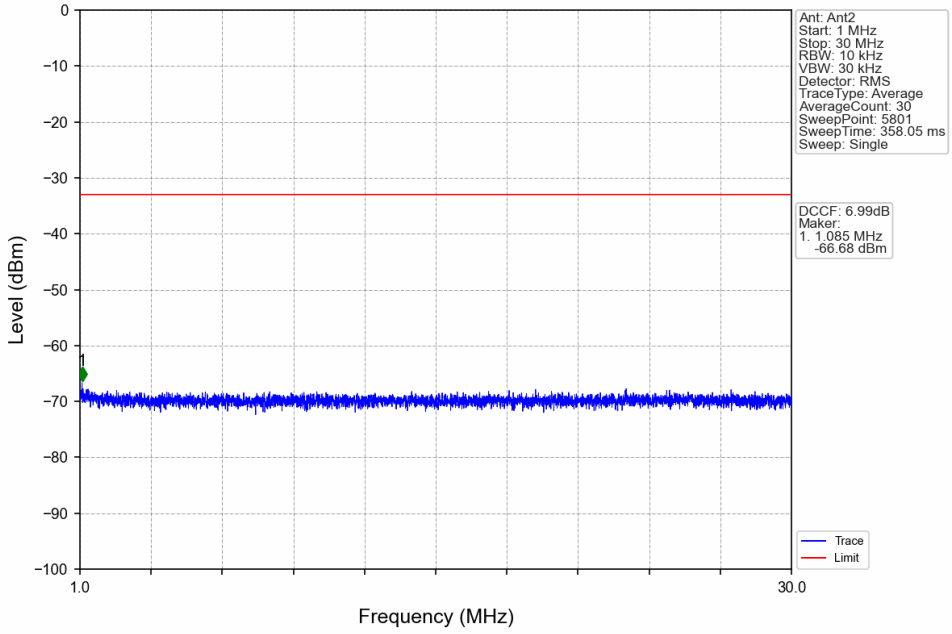


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.013	-41.16	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.988	-34.02	-13	Pass
3699.02	3700.02	0.0051	0	3	3700.018	-37.70	-13	Pass
3700.02	3760.02	0.0051	0	4	3760.020	-65.52	-13	Pass

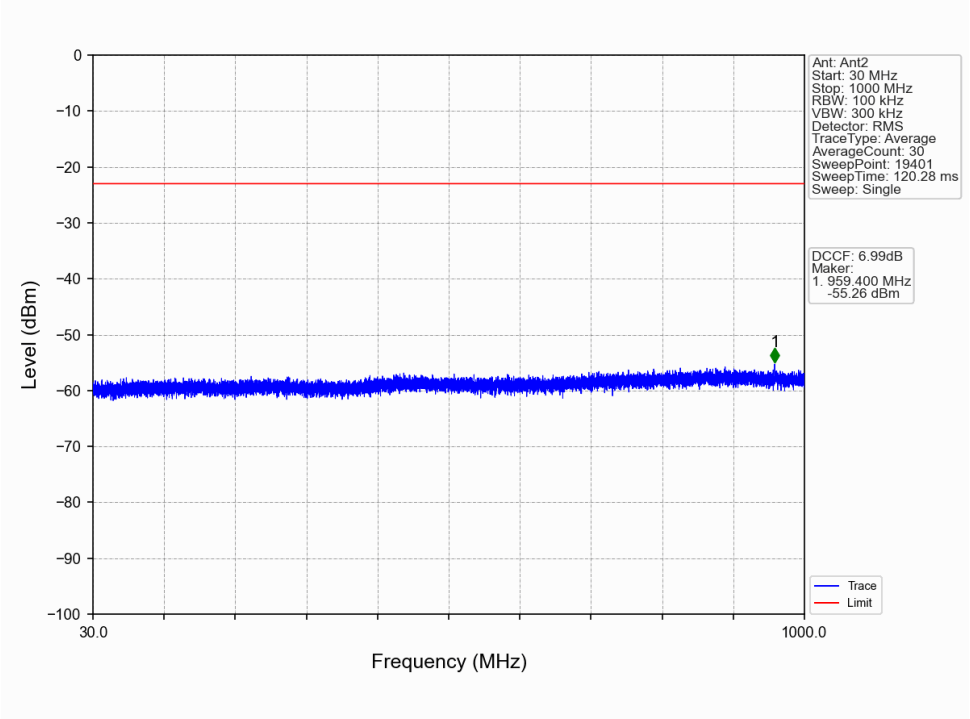
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



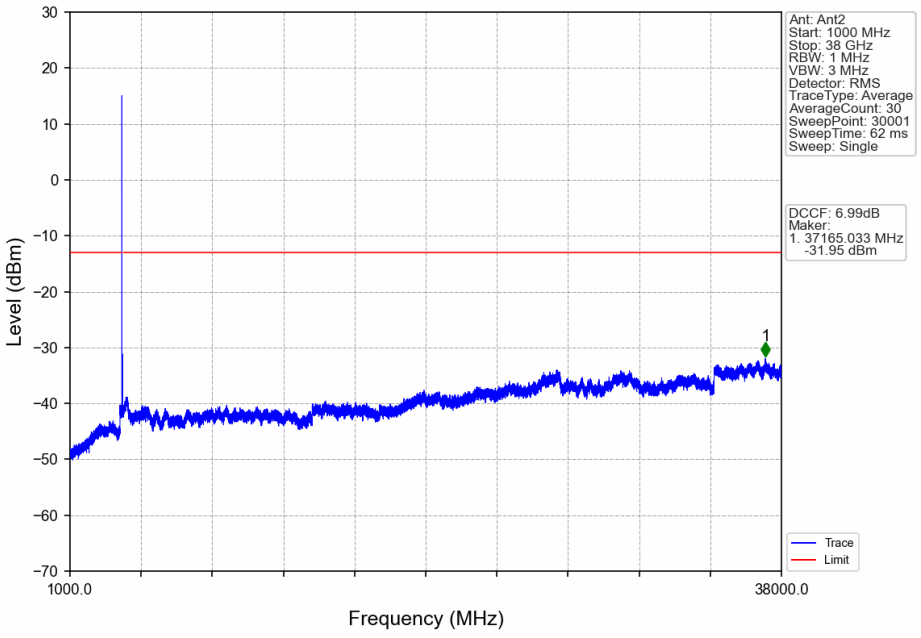
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



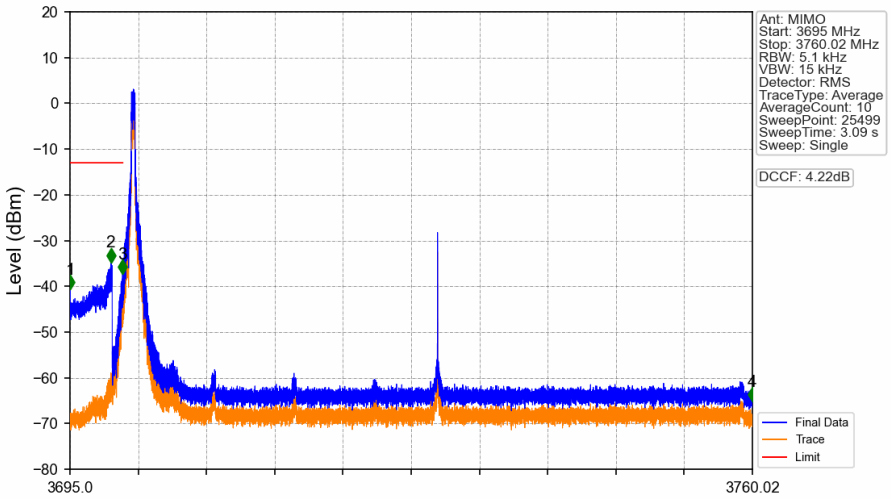
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left

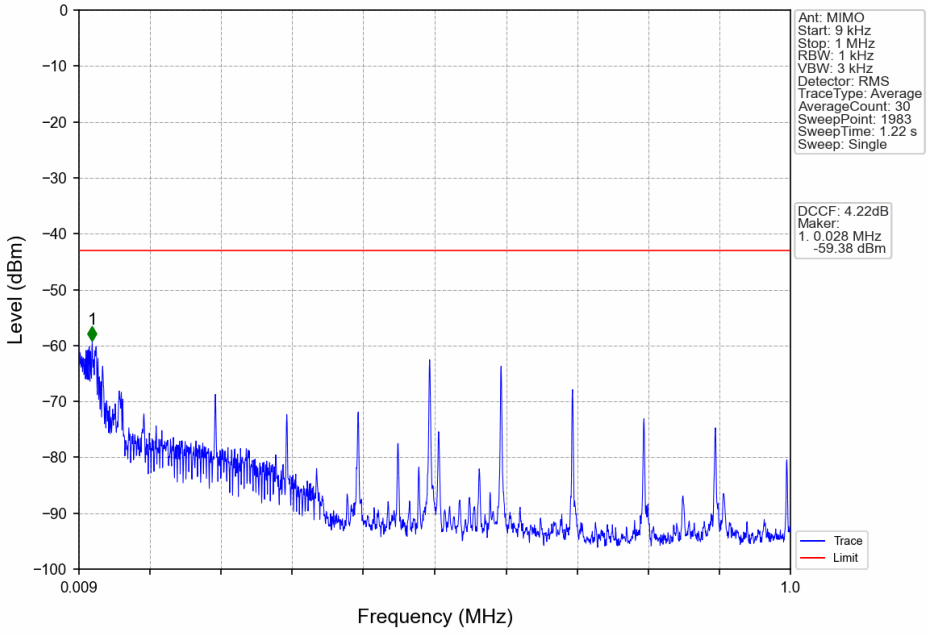


n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left

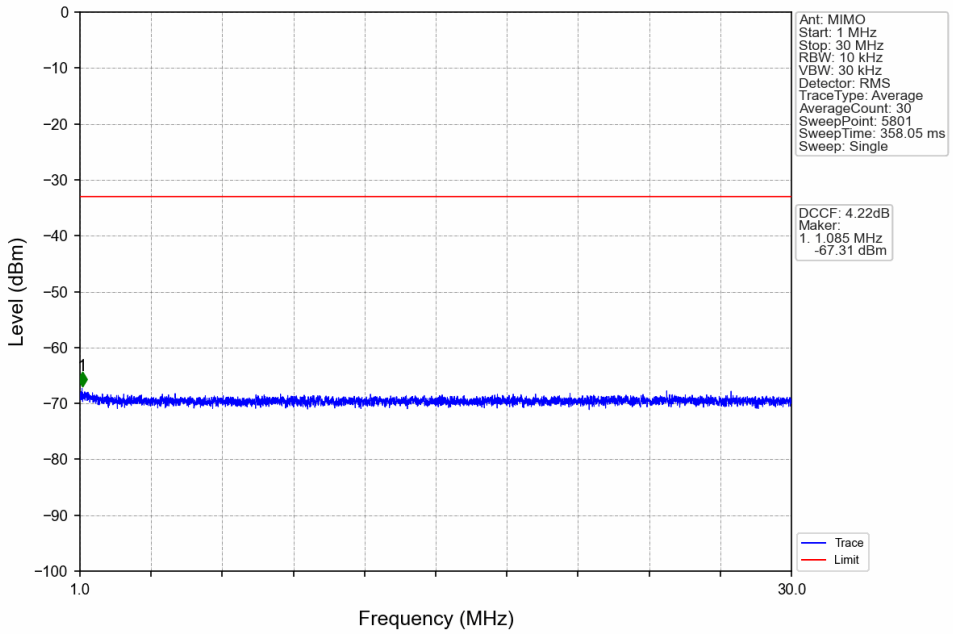


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.013	-40.66	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.891	-34.76	-13	Pass
3699.02	3700.02	0.0051	0	3	3700.008	-37.28	-13	Pass
3700.02	3760.02	0.0051	0	4	3760.020	-65.17	-13	Pass

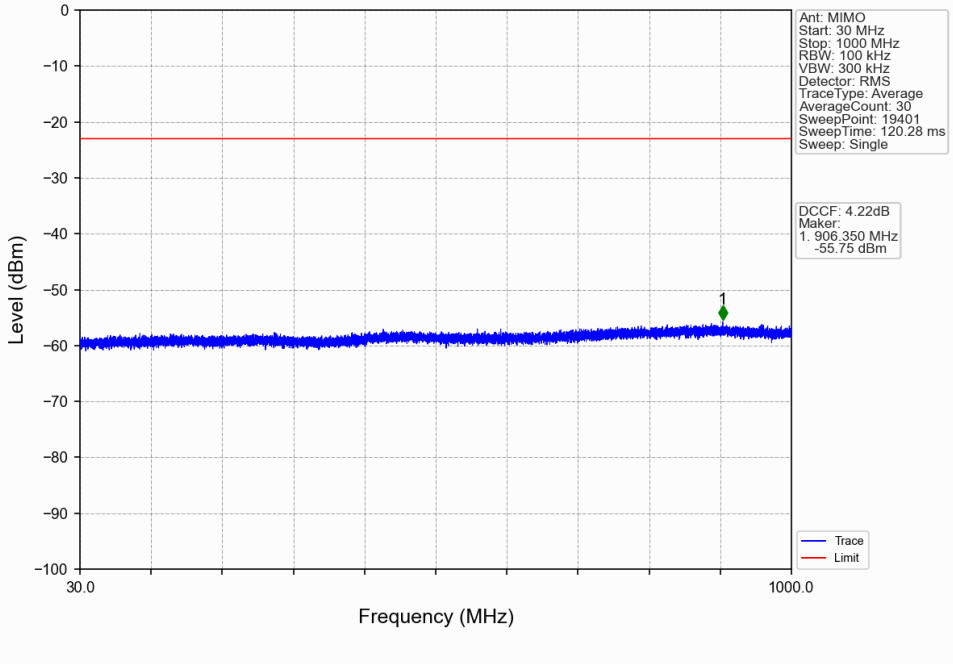
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



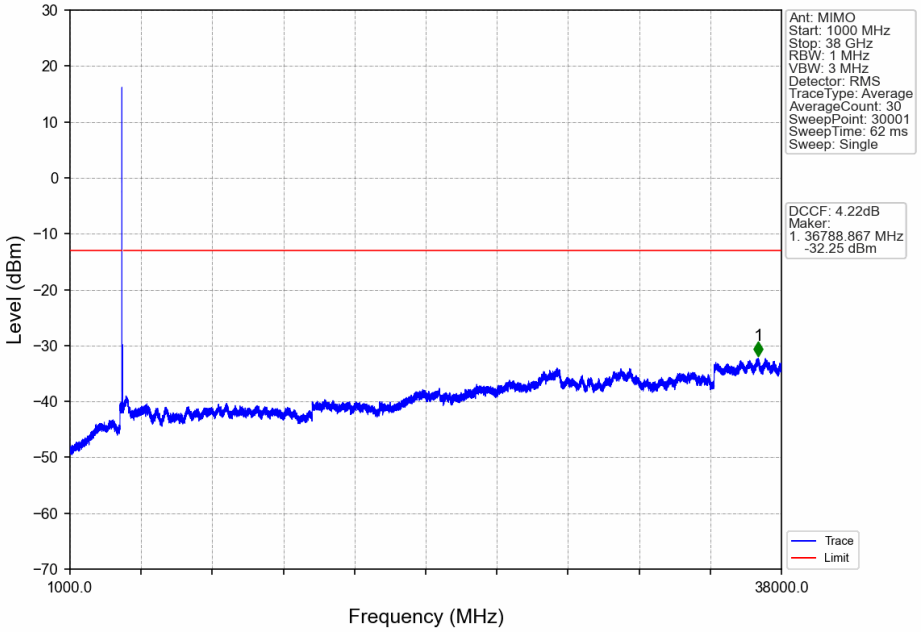
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



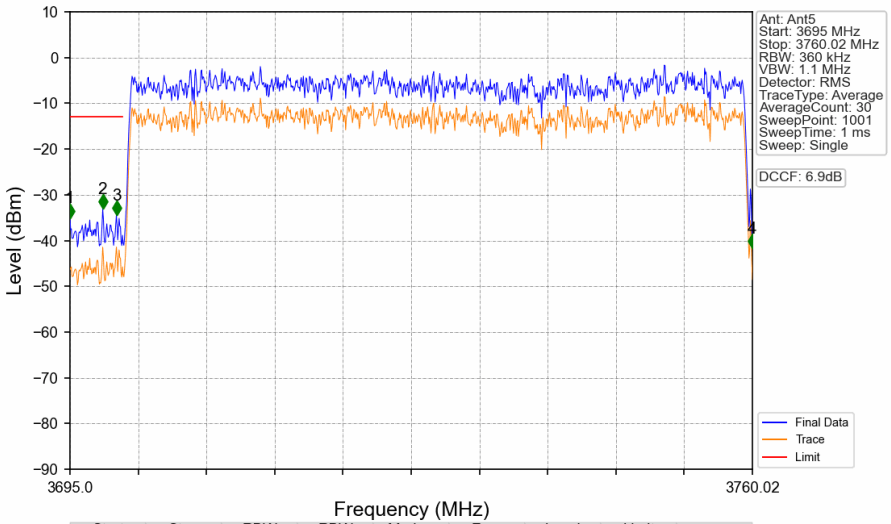
n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left



n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Edge_1RB_Left

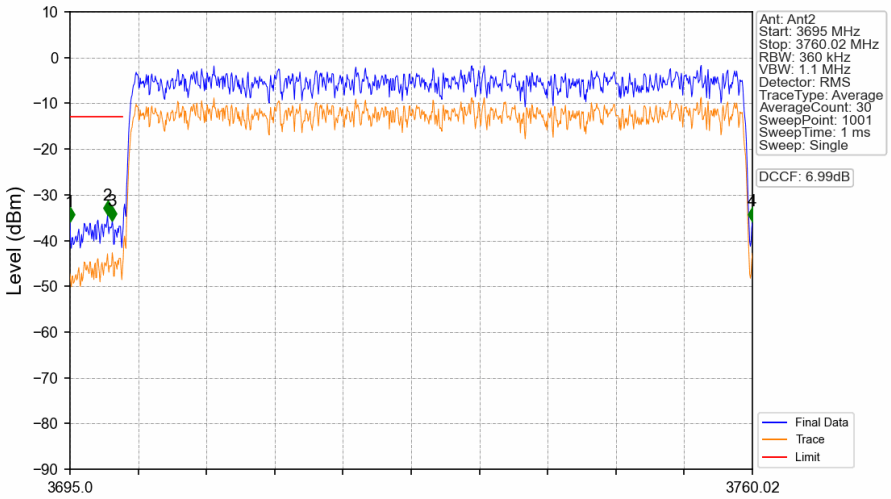


n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Outer_Full



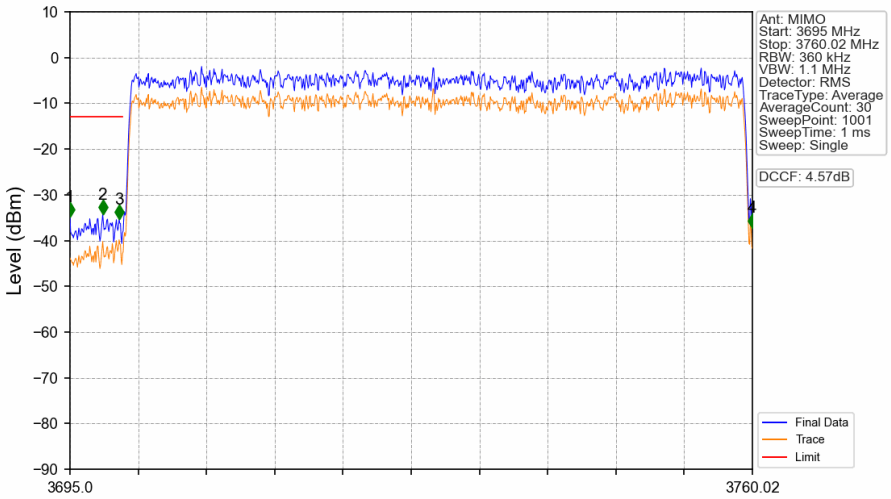
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	4.44	1	3695.000	-35.07	-13	Pass
3695.02	3699.02	0.5	1.43	2	3698.121	-33.10	-13	Pass
3699.02	3700.02	0.36	0	3	3699.421	-34.52	-13	Pass
3700.02	3760.02	0.36	0	4	3760.020	-41.63	-13	Pass

n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	4.44	1	3695.000	-35.90	-13	Pass
3695.02	3699.02	0.5	1.43	2	3698.576	-34.48	-13	Pass
3699.02	3700.02	0.36	0	3	3699.031	-35.67	-13	Pass
3700.02	3760.02	0.36	0	4	3760.020	-35.78	-13	Pass

n78a_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3730.02MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	4.44	1	3695.000	-34.83	-13	Pass
3695.02	3699.02	0.5	1.43	2	3698.121	-34.21	-13	Pass
3699.02	3700.02	0.36	0	3	3699.681	-35.29	-13	Pass
3700.02	3760.02	0.36	0	4	3760.020	-37.18	-13	Pass