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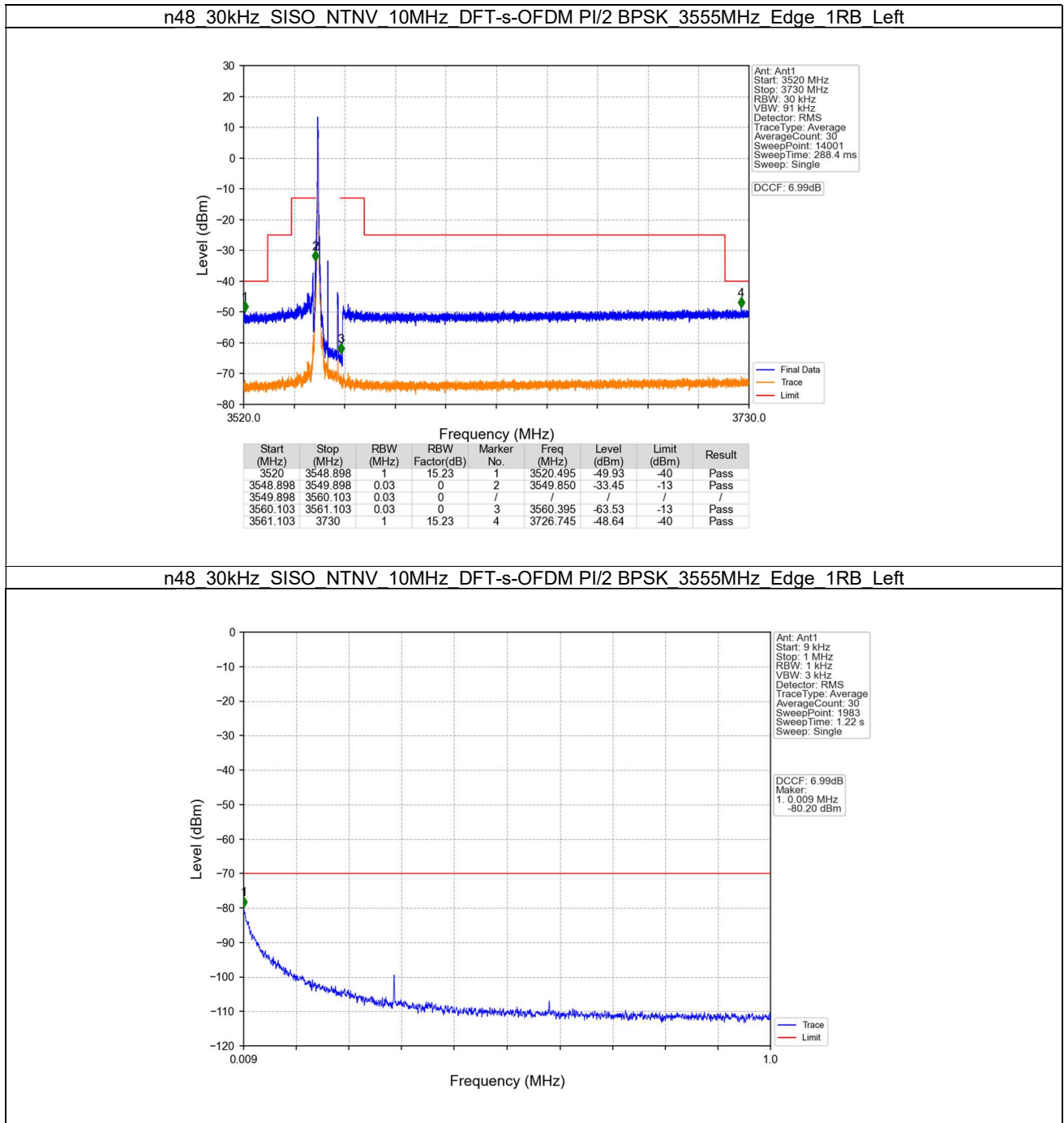
## 1. Spurious Emission

### 1.1 30k\_SISO\_10MHz\_NTNV

#### 1.1.1 Test Result

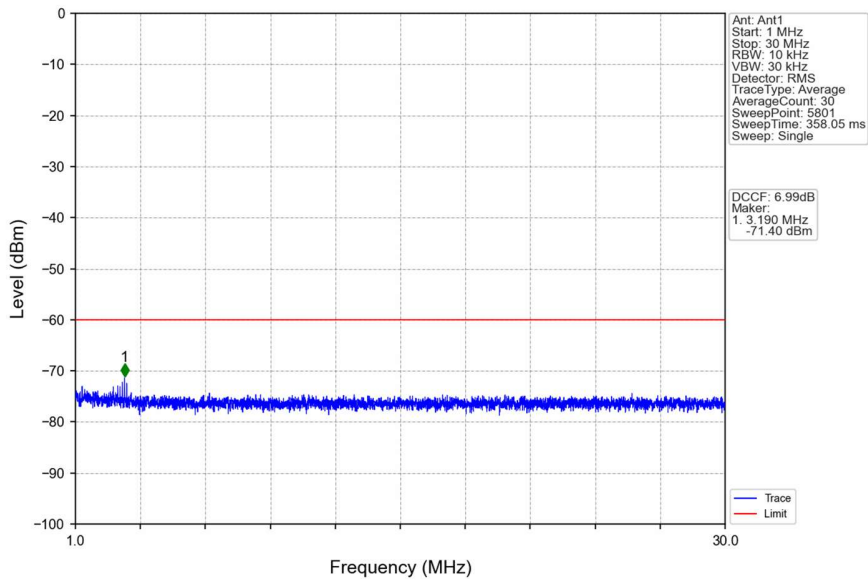
5G NR n48 SCS=30kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3694.98	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3555	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3624.99	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
	3694.98	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
CP-OFDM QPSK	3555	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3694.98	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass

### 1.1.2 Test Graph

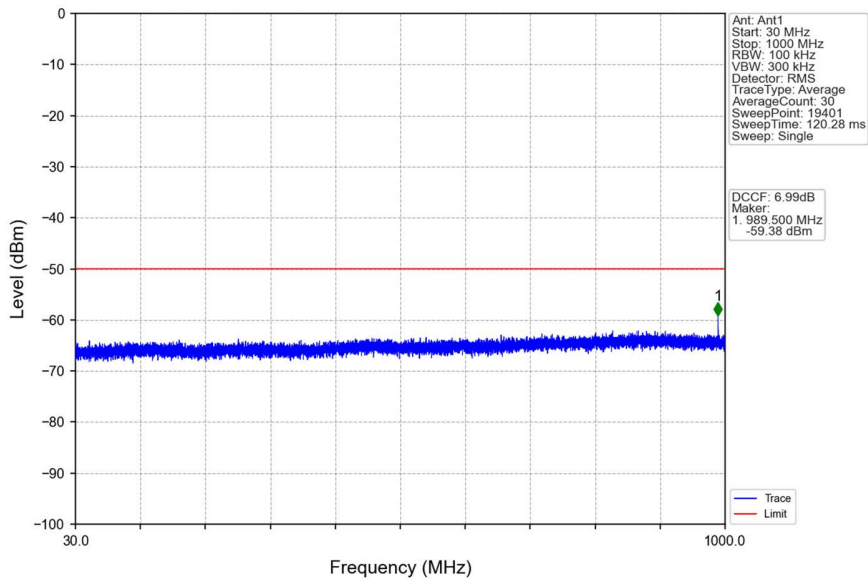




n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Edge\_1RB\_Left

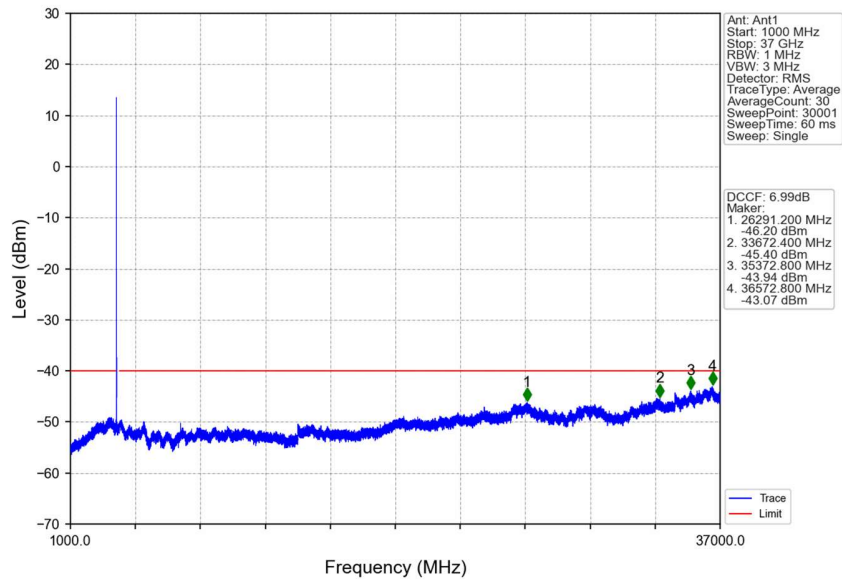


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Edge\_1RB\_Left

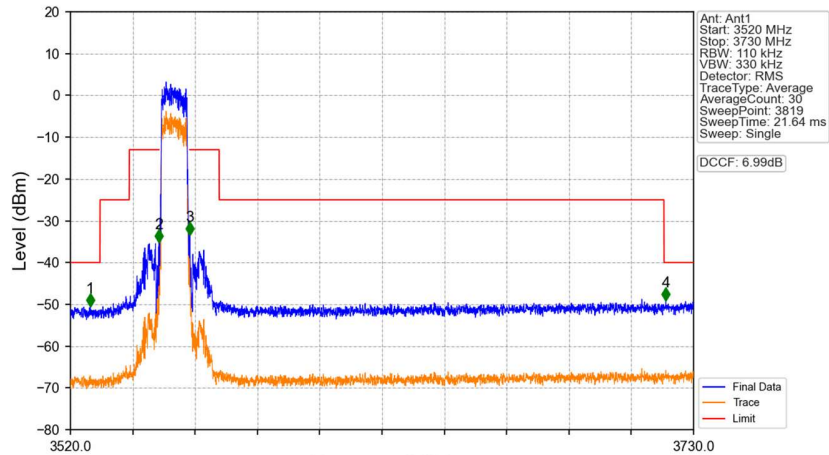




n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Edge\_1RB\_Left



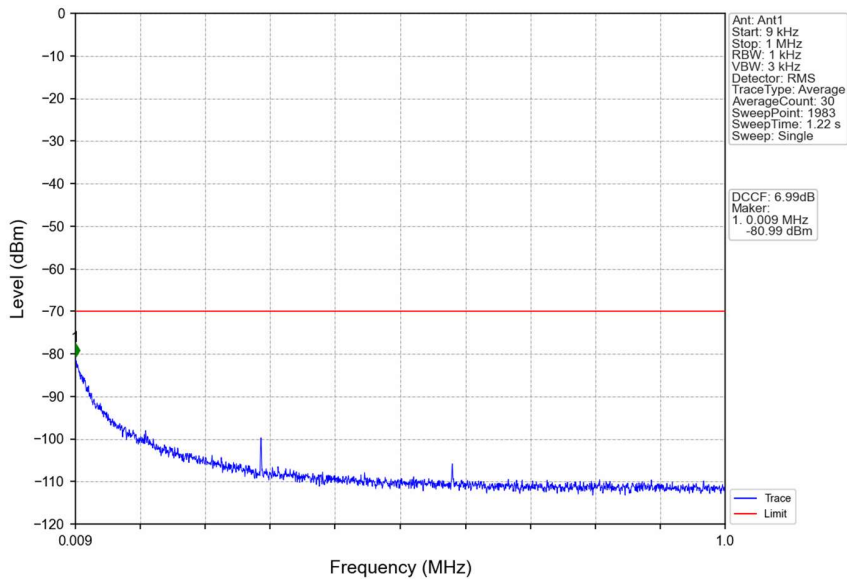
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Outer\_Full



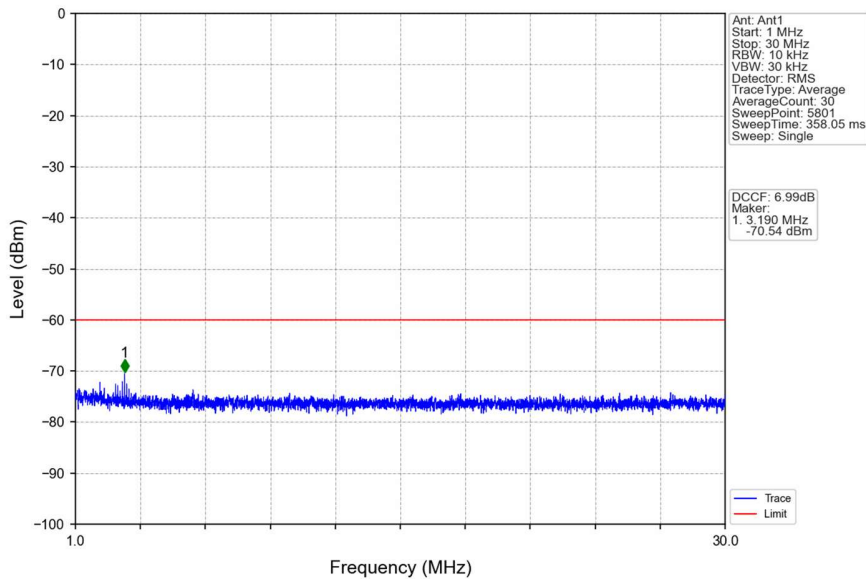
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.847	1	9.59	1	3526.655	-50.49	-40	Pass
3548.847	3549.847	0.11	0	2	3549.811	-35.24	-13	Pass
3549.847	3560.153	0.11	0	/	/	/	/	/
3560.153	3561.153	0.11	0	3	3560.262	-33.46	-13	Pass
3561.153	3730	1	9.59	4	3720.650	-49.20	-40	Pass



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Outer\_Full

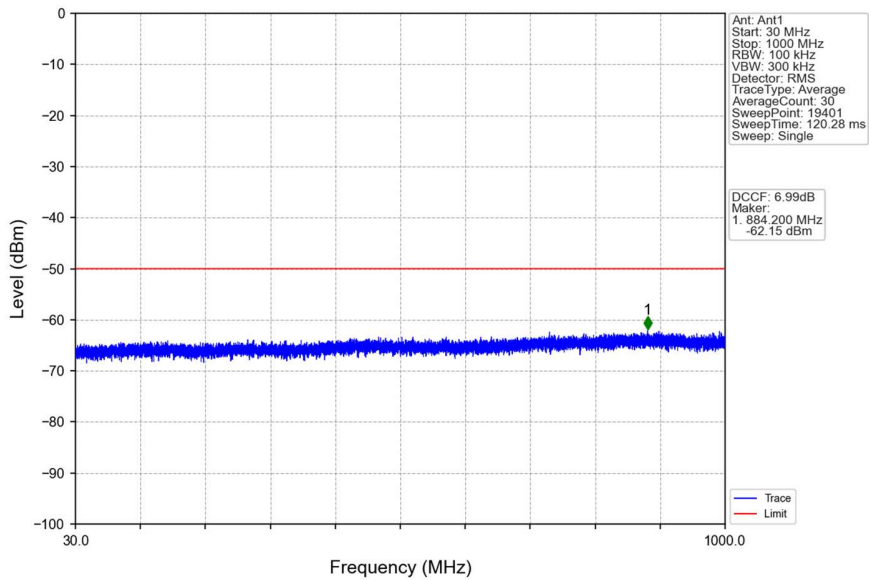


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Outer\_Full

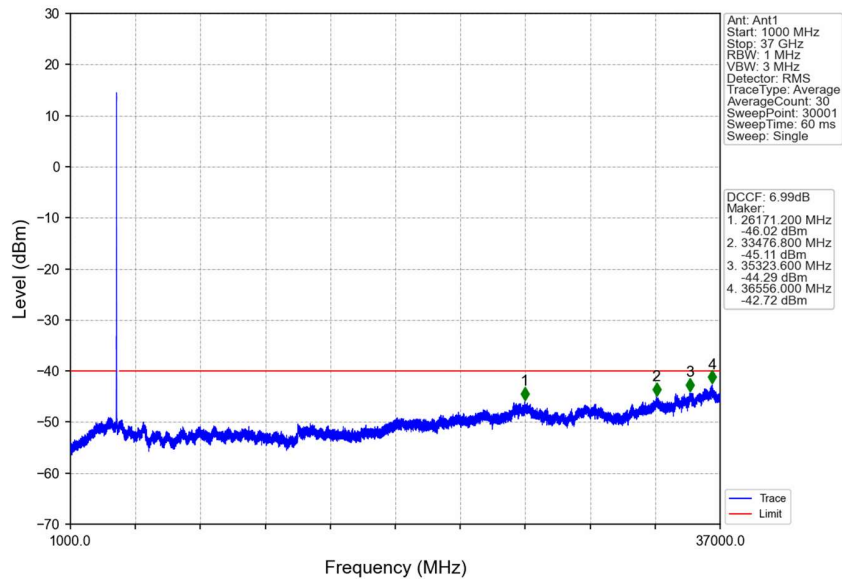




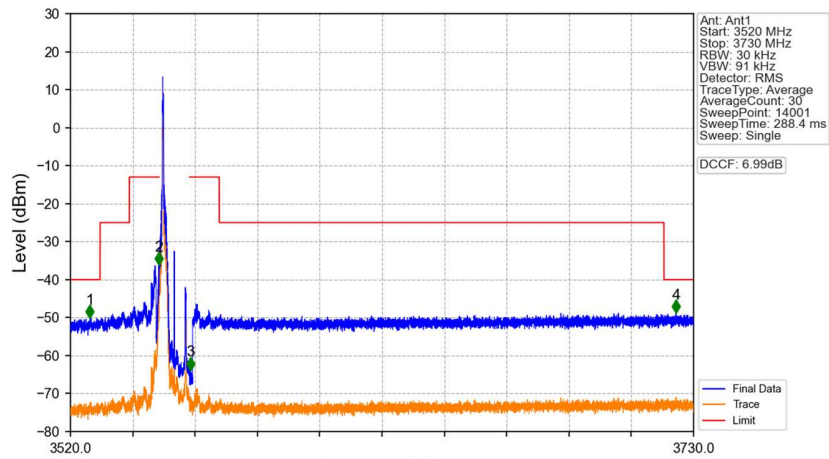
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Outer\_Full

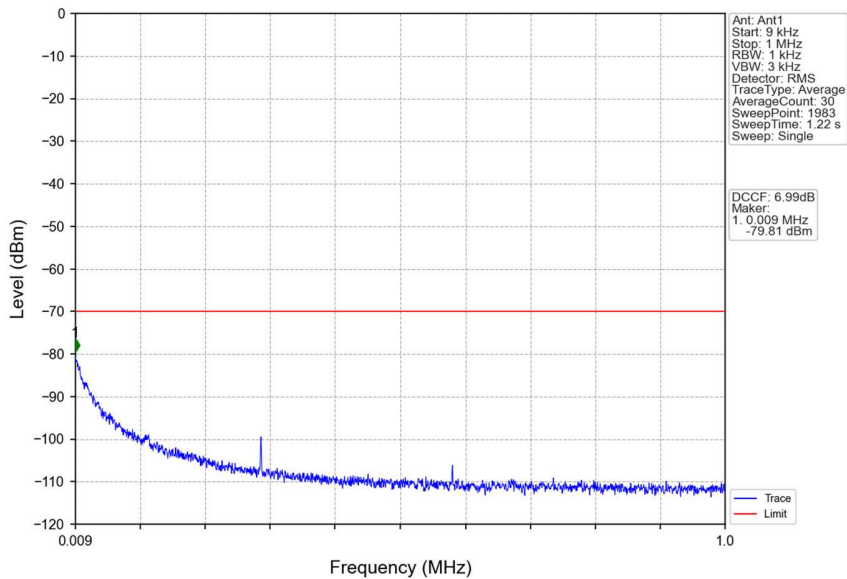


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.847	1	15.23	1	3526.555	-50.07	-40	Pass
3548.847	3549.847	0.03	0	2	3549.805	-36.19	-13	Pass
3549.847	3560.153	0.03	0	/	/	/	/	/
3560.153	3561.153	0.03	0	3	3560.440	-63.83	-13	Pass
3561.153	3730	1	15.23	4	3724.060	-48.73	-40	Pass

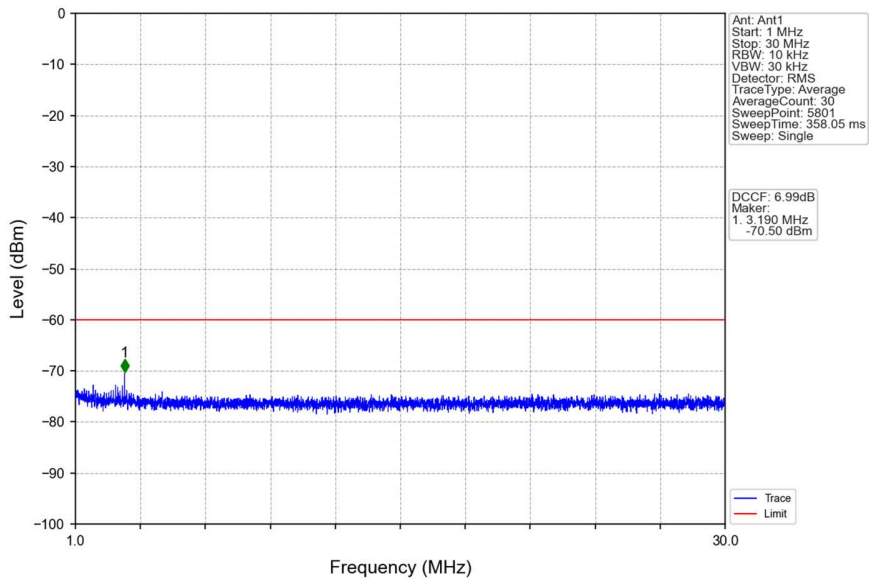
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Inner\_1RB\_Left



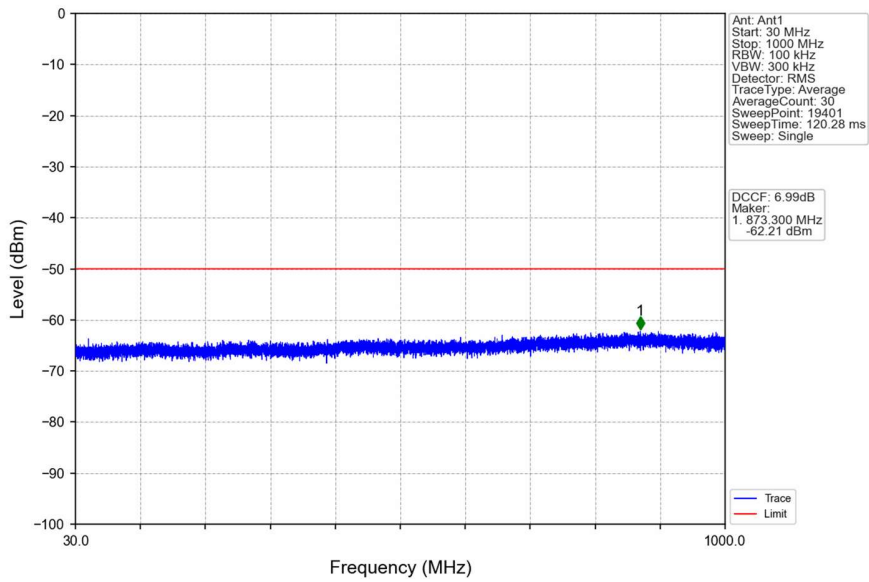




n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Inner\_1RB\_Left

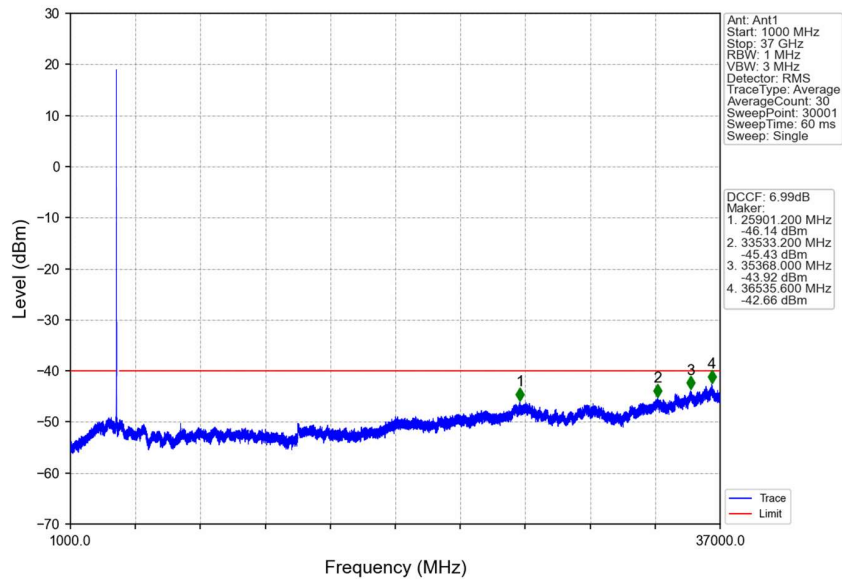


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Inner\_1RB\_Left

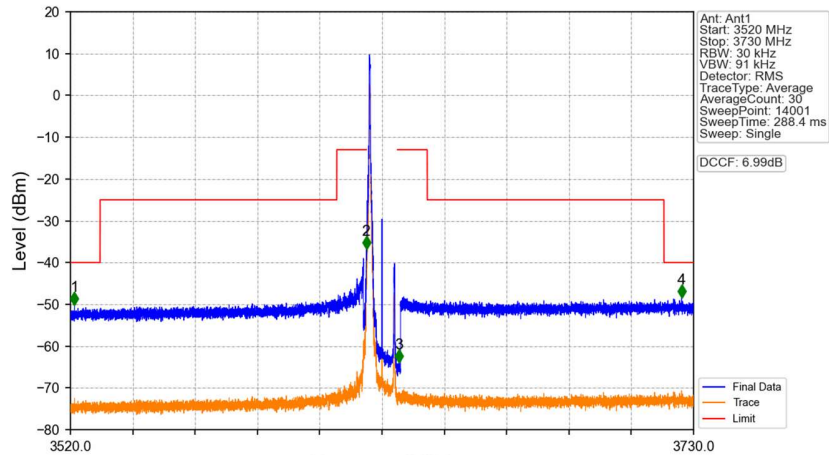




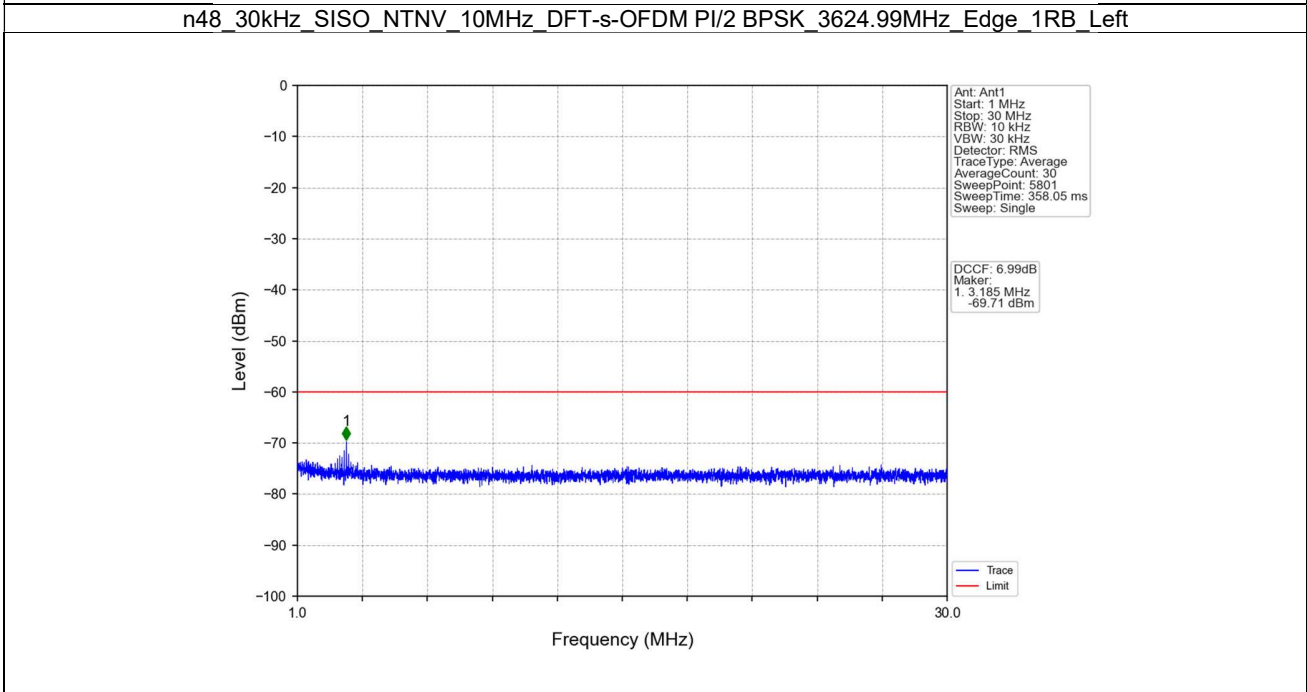
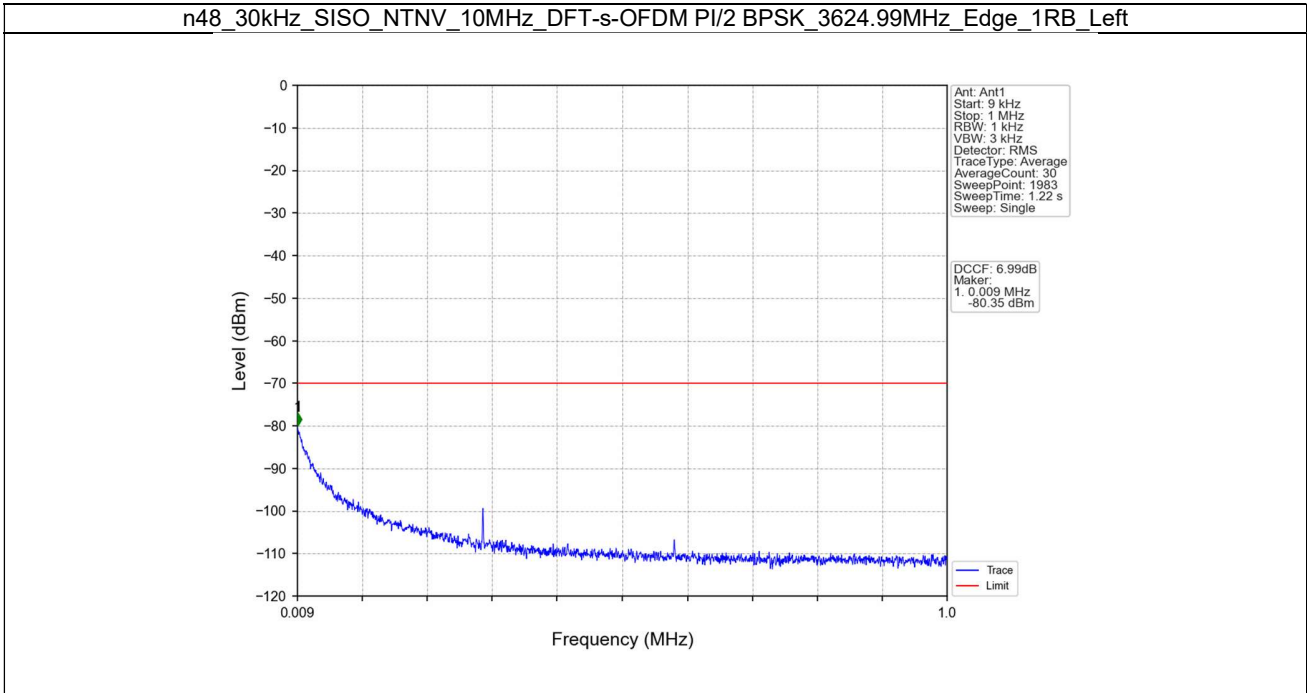
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Inner\_1RB\_Left

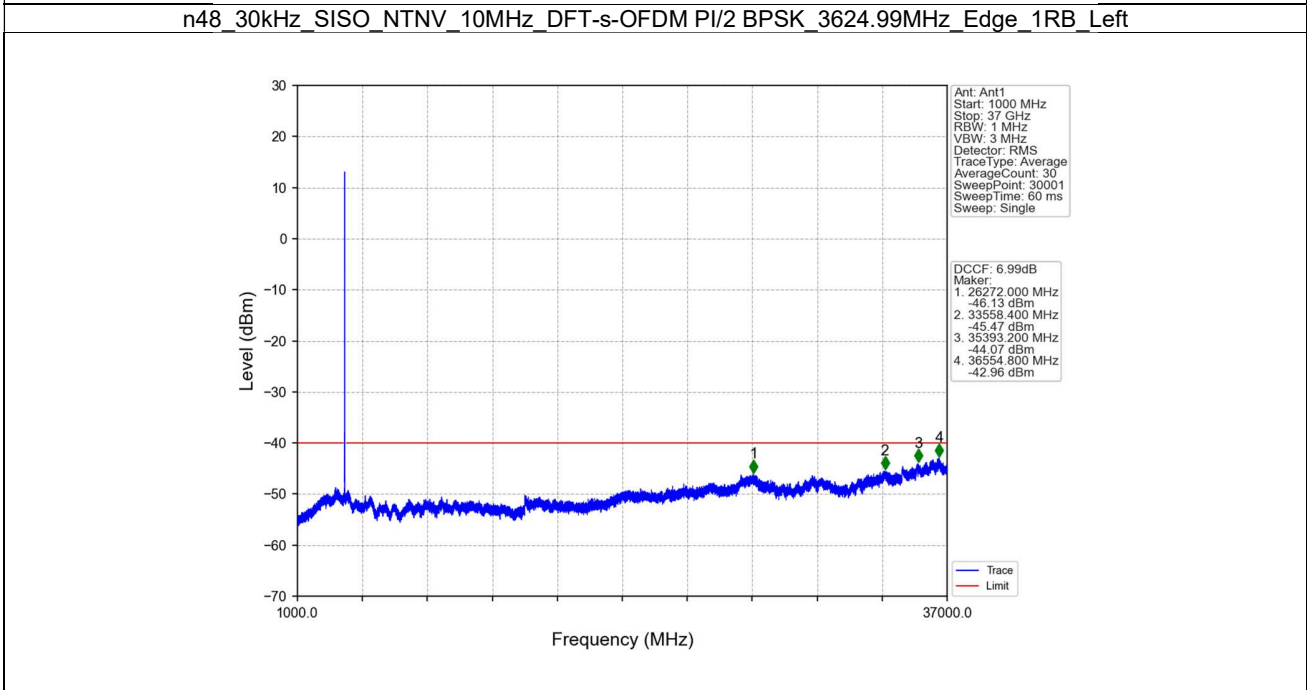
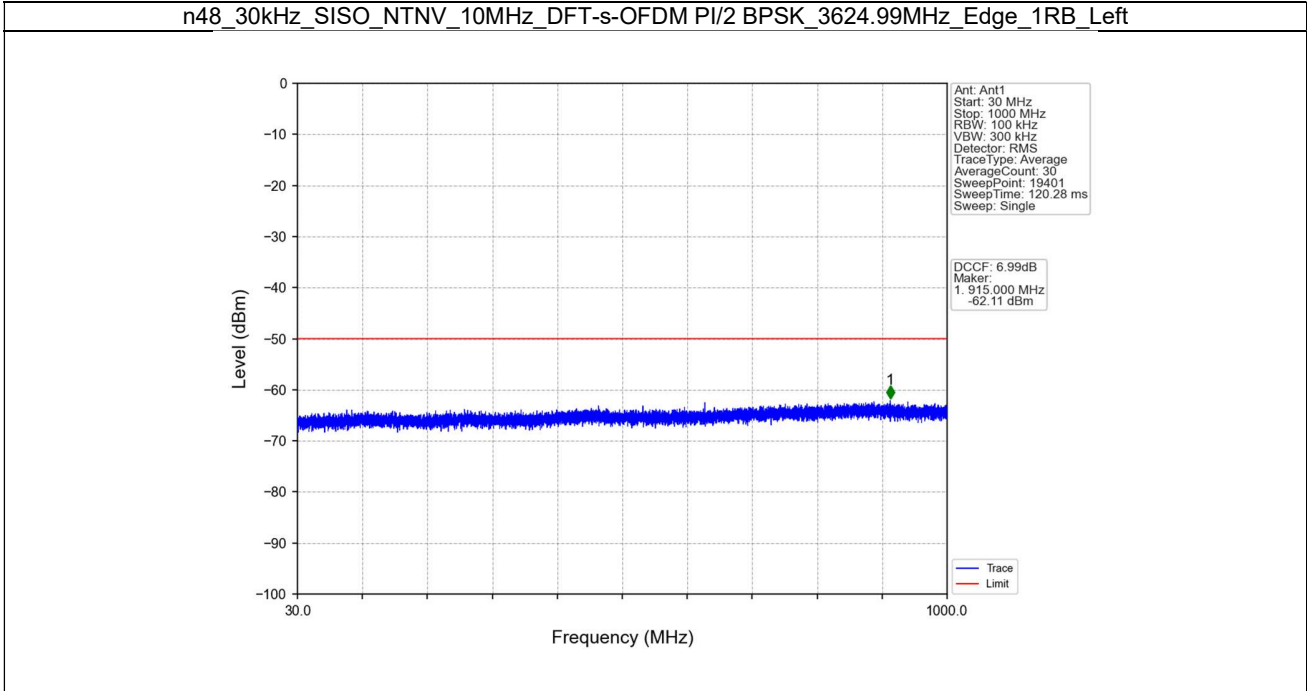


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left



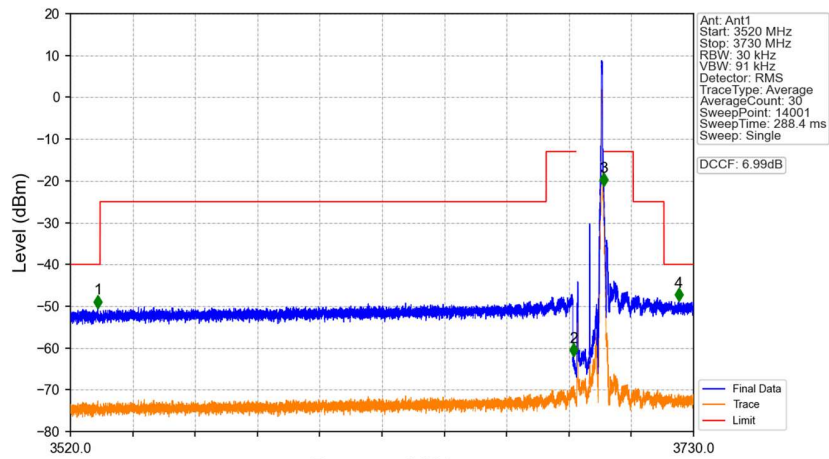
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3618.747	1	15.23	1	3521.365	-50.25	-40	Pass
3618.747	3619.747	0.03	0	2	3619.705	-36.83	-13	Pass
3619.747	3630.233	0.03	0	/	/	/	/	/
3630.233	3631.233	0.03	0	3	3630.685	-63.98	-13	Pass
3631.233	3730	1	15.23	4	3725.950	-48.42	-40	Pass





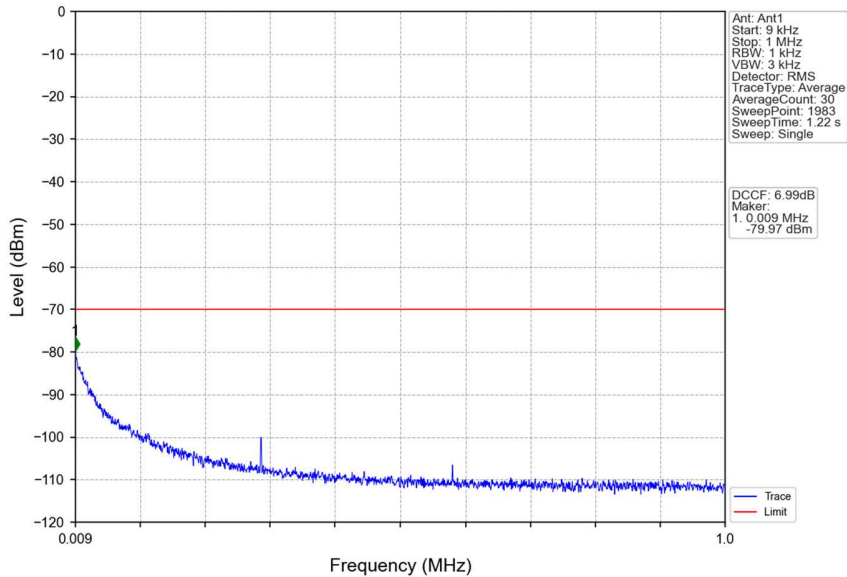


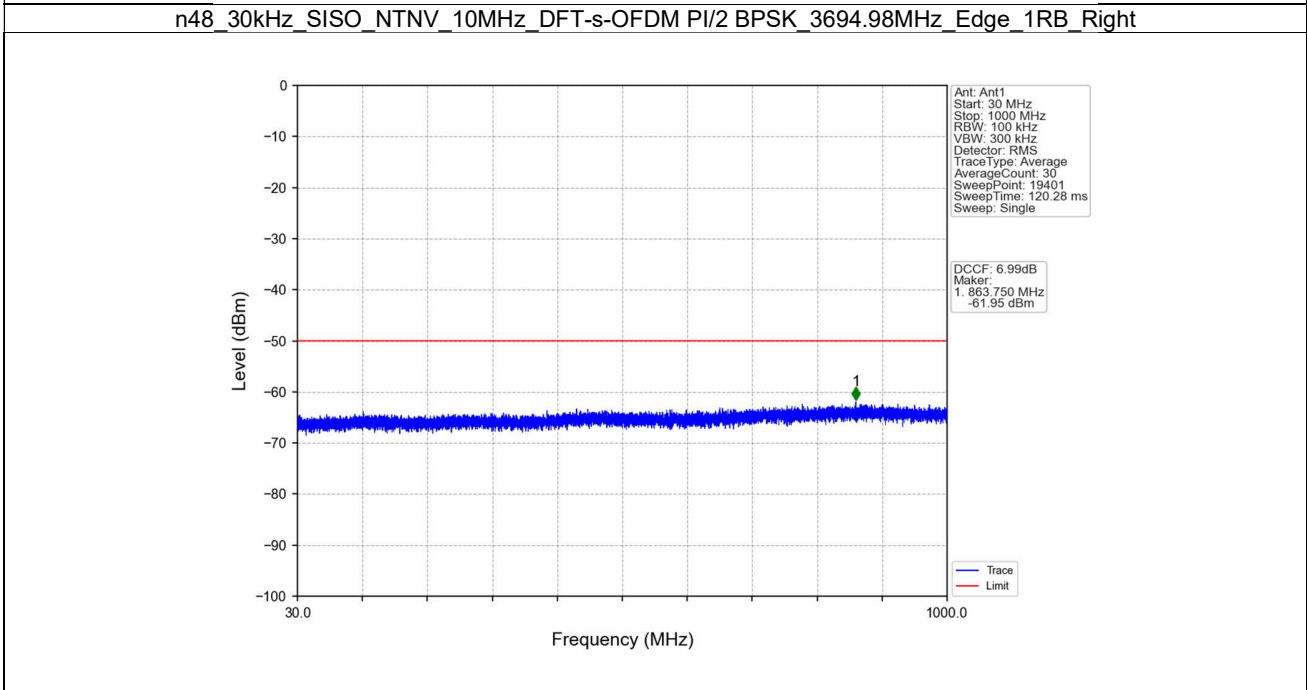
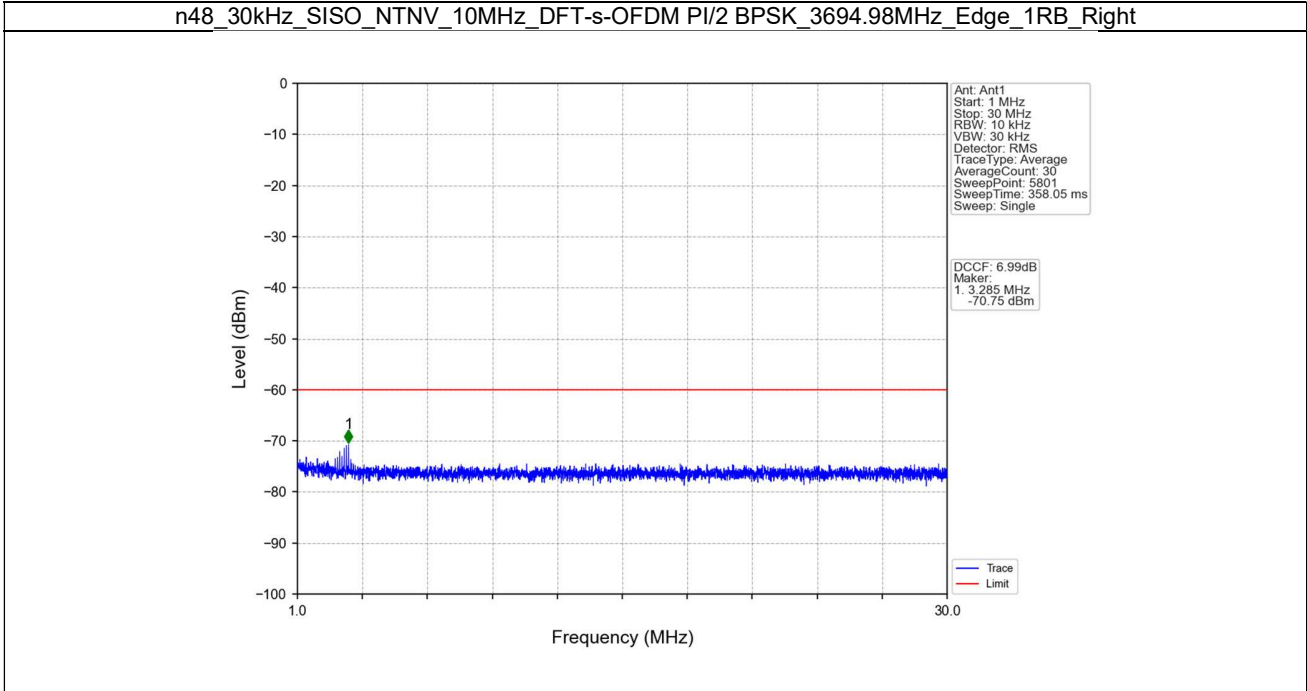
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Edge\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3689.312	1	15.23	1	3529.225	-50.46	-40	Pass
3689.312	3690.312	0.03	0	2	3689.605	-62.06	-13	Pass
3690.312	3699.649	0.03	0	/	/	/	/	/
3699.649	3700.649	0.03	0	3	3699.685	-21.23	-13	Pass
3700.649	3730	1	15.23	4	3724.915	-48.78	-40	Pass

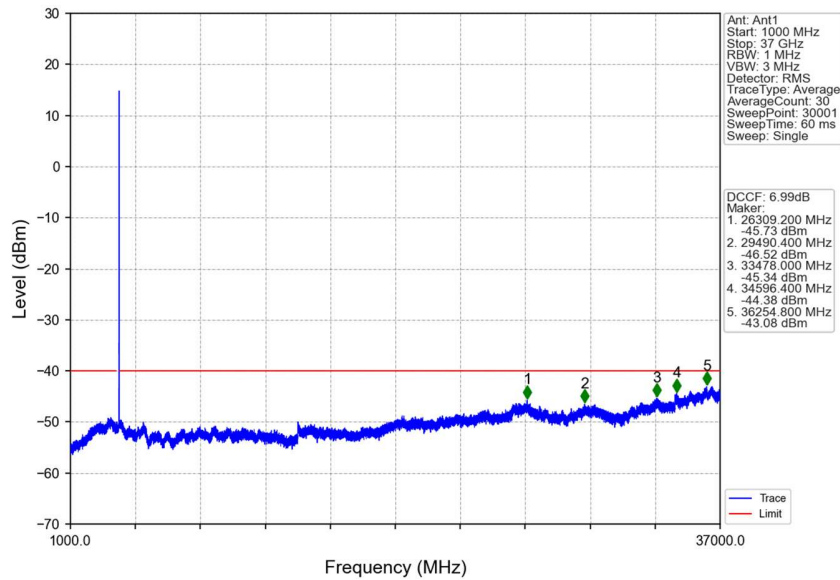
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Edge\_1RB\_Right



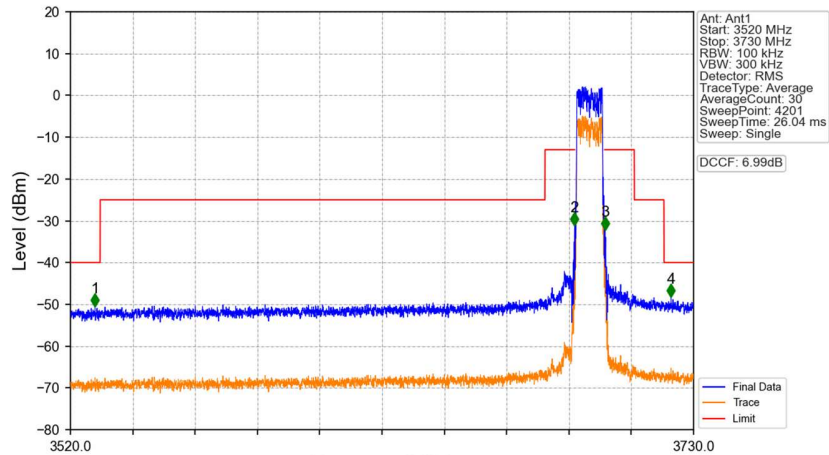




n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Edge\_1RB\_Right



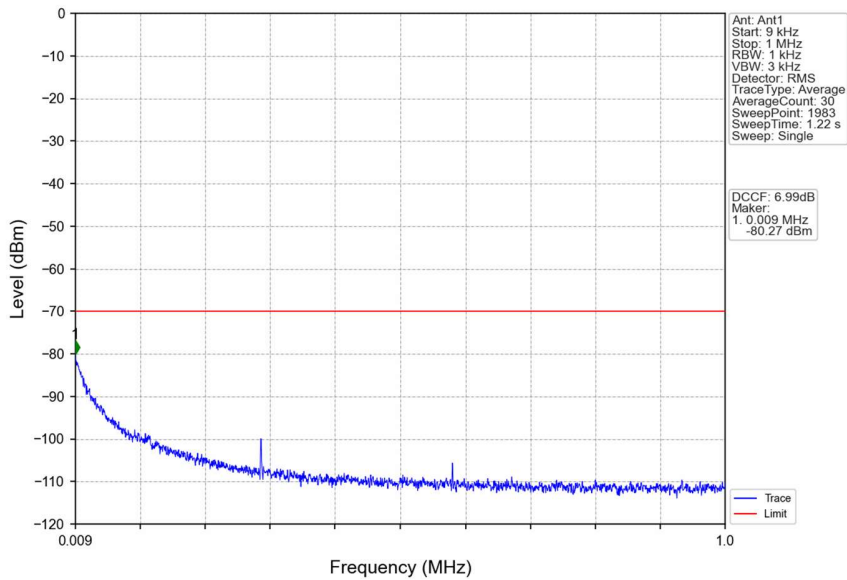
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Outer\_Full



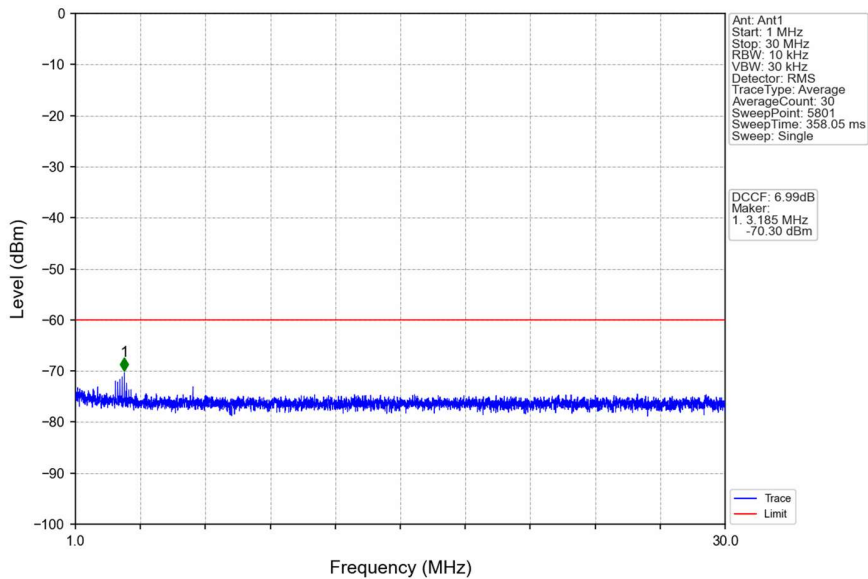
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.924	1	10	1	3528.300	-50.54	-40	Pass
3688.924	3689.924	0.101	0.04	2	3689.900	-31.21	-13	Pass
3689.924	3700.037	0.101	0.04	/	/	/	/	/
3700.037	3701.037	0.101	0.04	3	3700.150	-32.19	-13	Pass
3701.037	3730	1	10	4	3722.400	-48.25	-40	Pass



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Outer\_Full



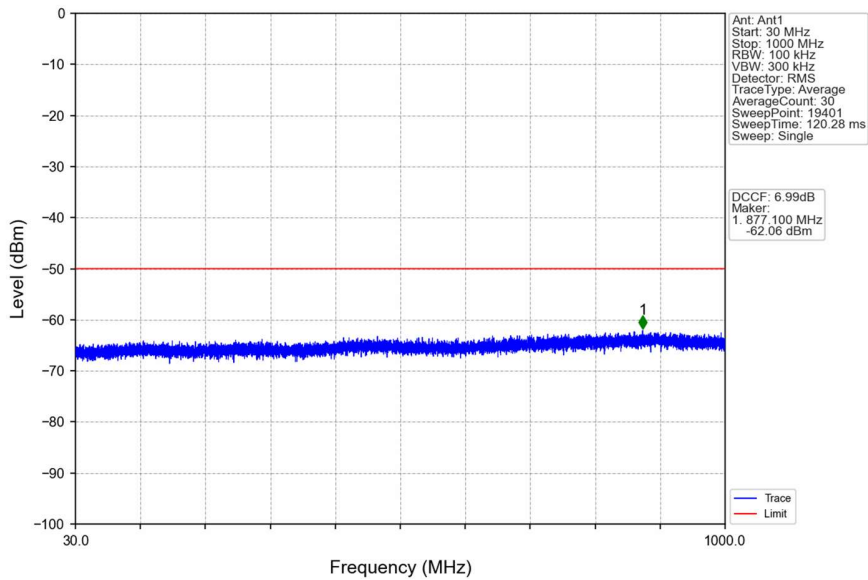
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Outer\_Full



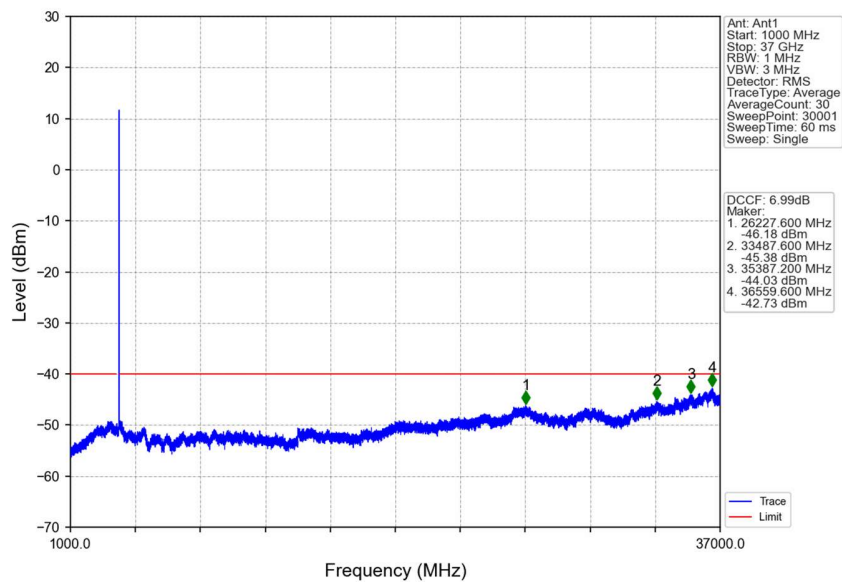




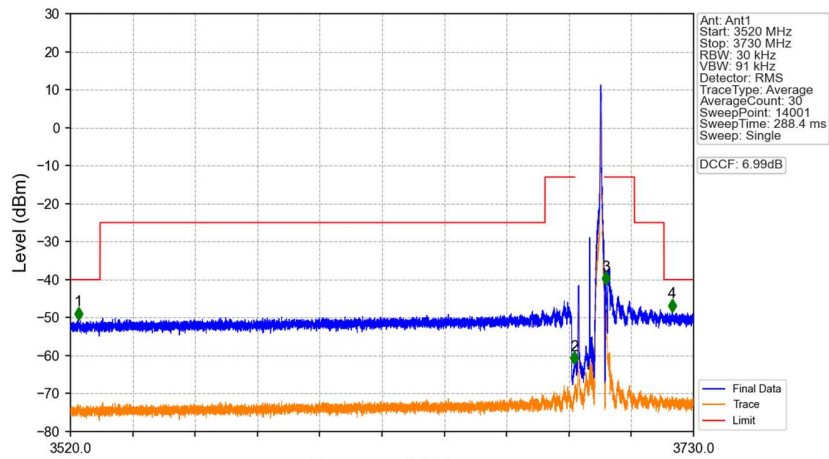
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Outer\_Full



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Outer\_Full

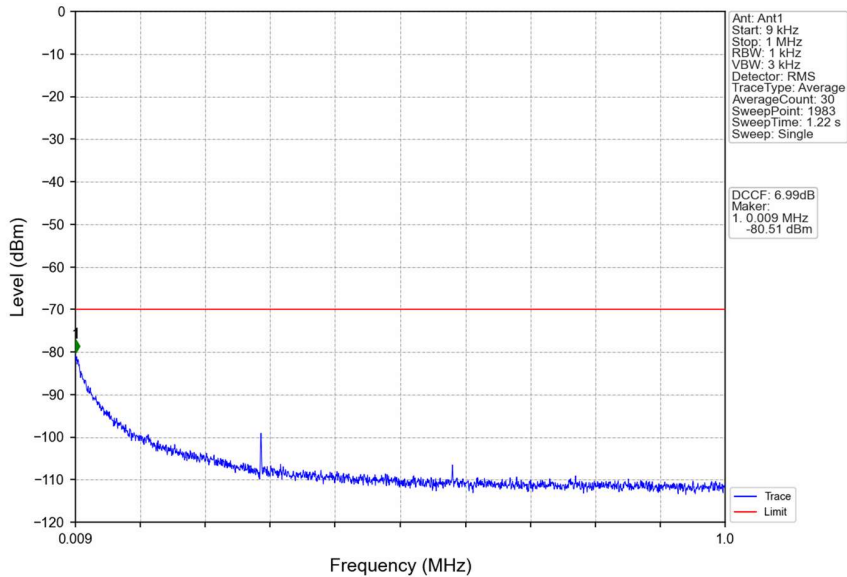


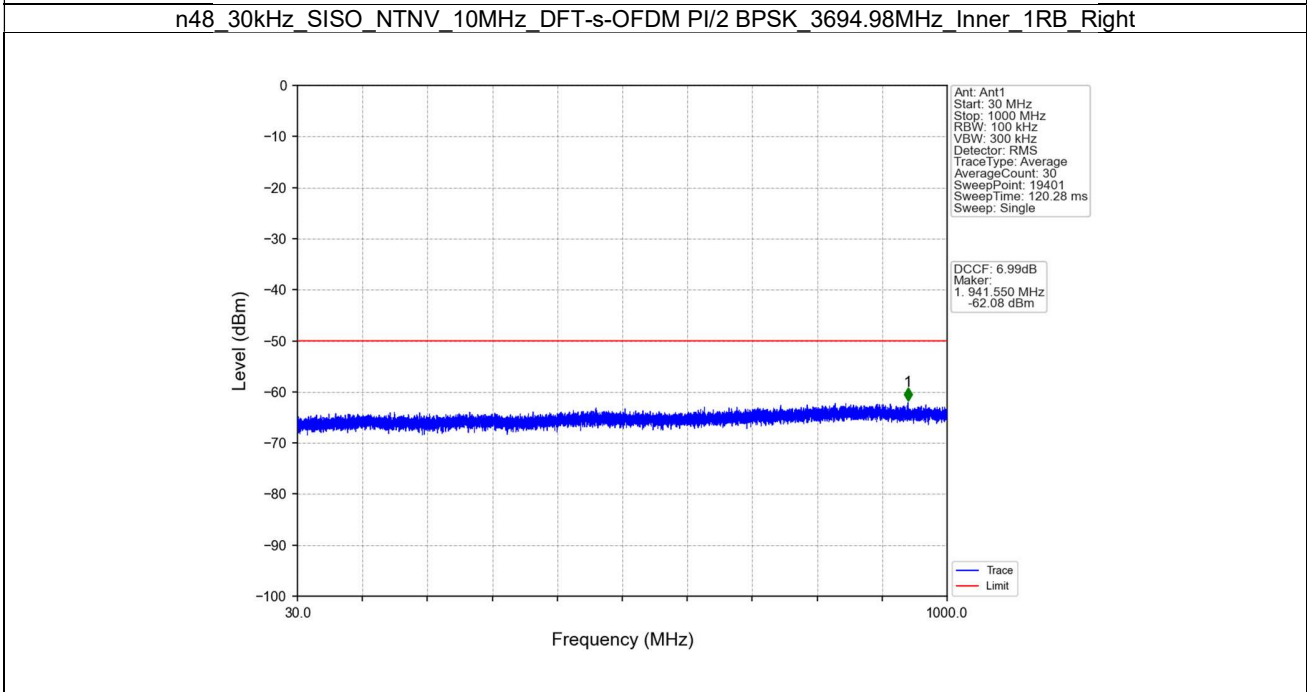
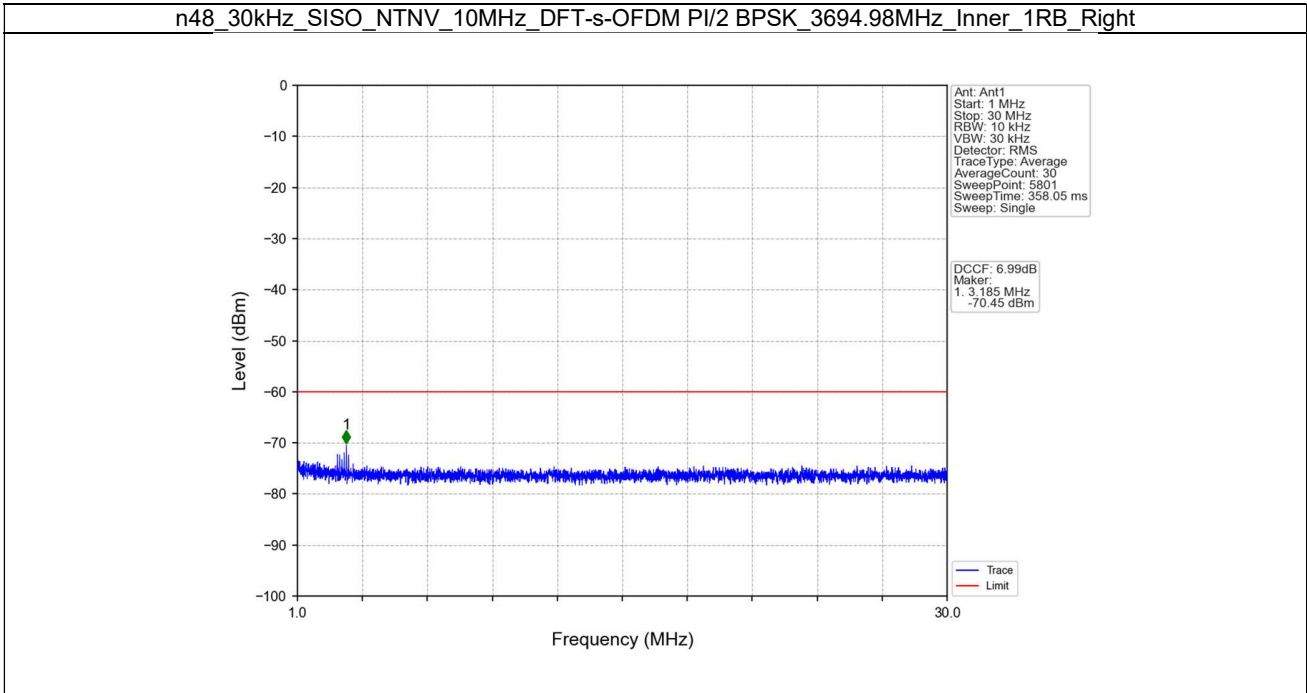
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.924	1	15.23	1	3522.670	-50.63	-40	Pass
3688.924	3689.924	0.03	0	2	3689.905	-62.38	-13	Pass
3689.924	3700.037	0.03	0	/	/	/	/	/
3700.037	3701.037	0.03	0	3	3700.390	-41.42	-13	Pass
3701.037	3730	1	15.23	4	3722.785	-48.50	-40	Pass

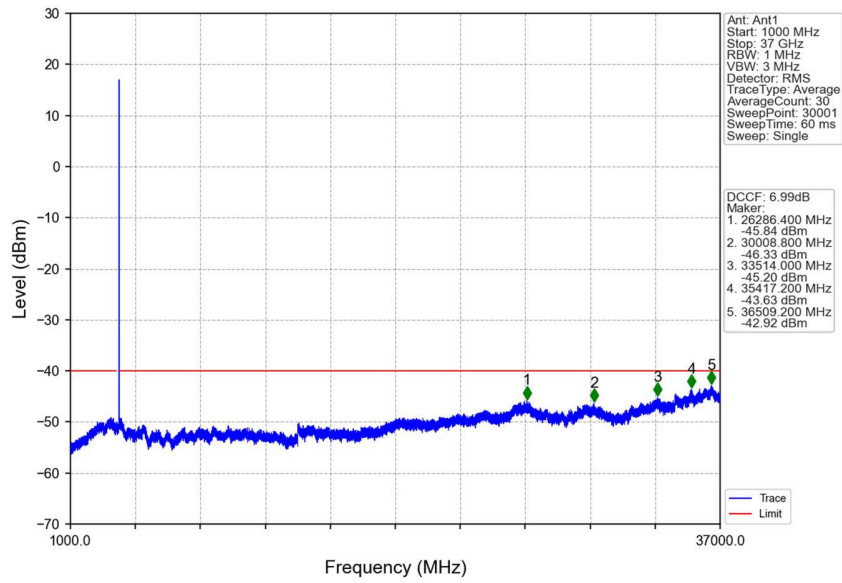
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Inner\_1RB\_Right



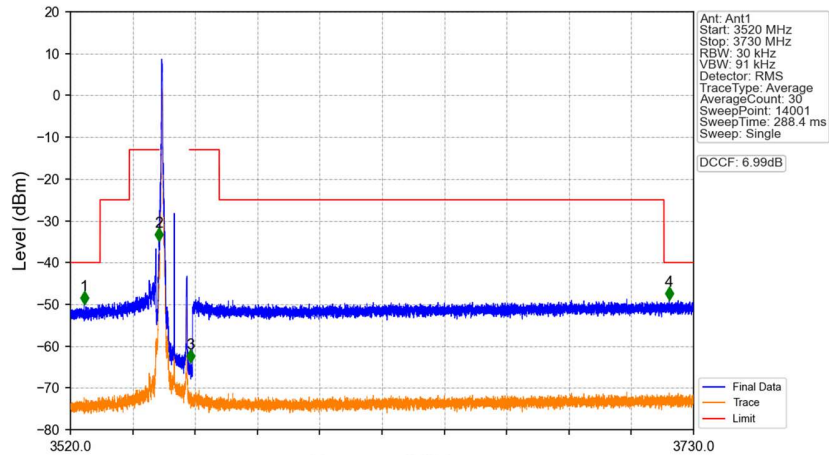




n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Inner\_1RB\_Right



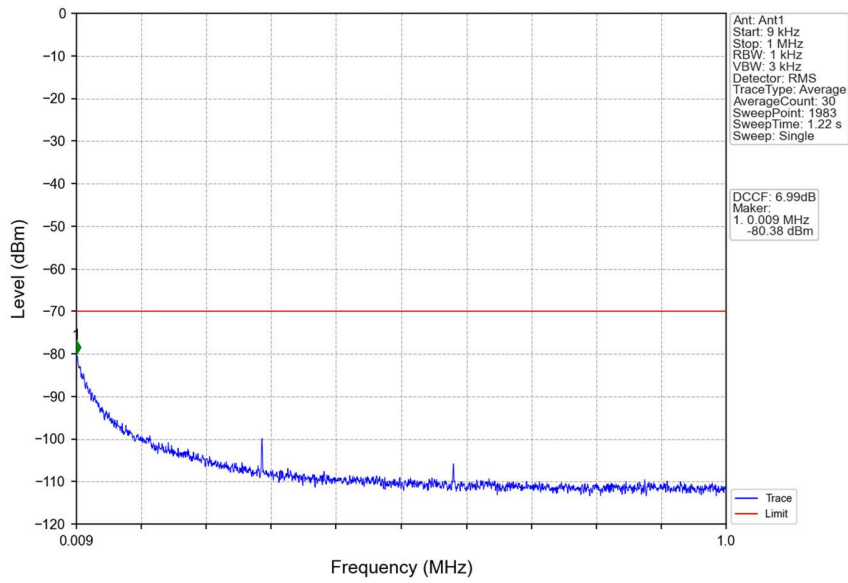
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Edge\_1RB\_Left



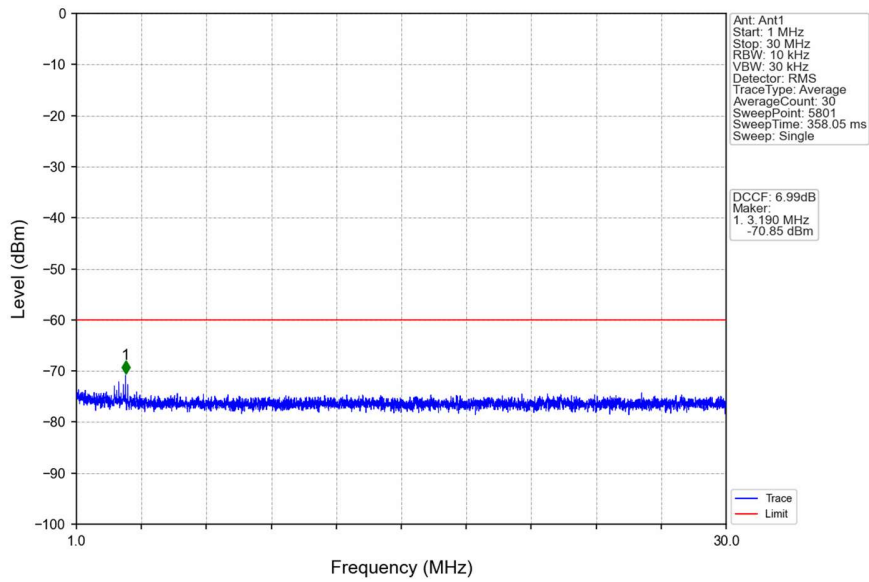
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.847	1	15.23	1	3524.605	-50.10	-40	Pass
3548.847	3549.847	0.03	0	2	3549.820	-34.82	-13	Pass
3549.847	3560.153	0.03	0	/	/	/	/	/
3560.153	3561.153	0.03	0	3	3560.560	-64.00	-13	Pass
3561.153	3730	1	15.23	4	3721.750	-48.95	-40	Pass



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Edge\_1RB\_Left

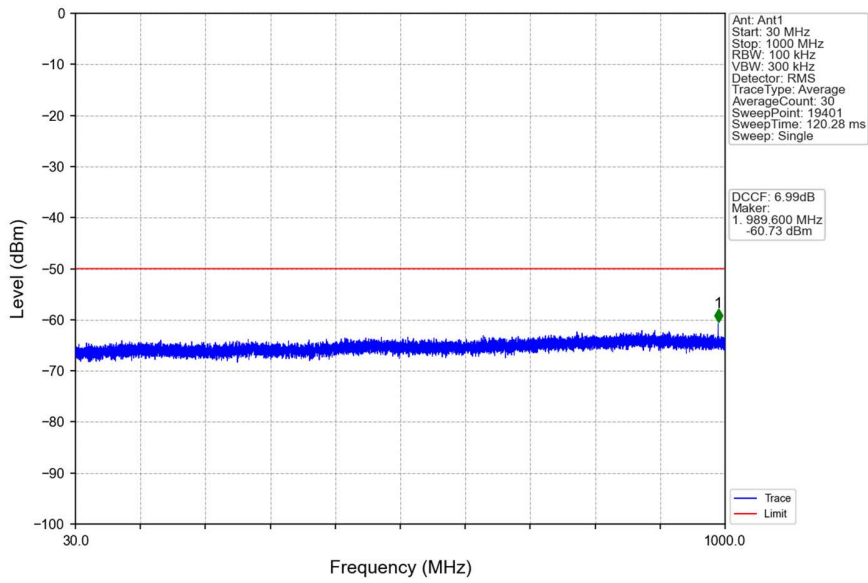


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Edge\_1RB\_Left

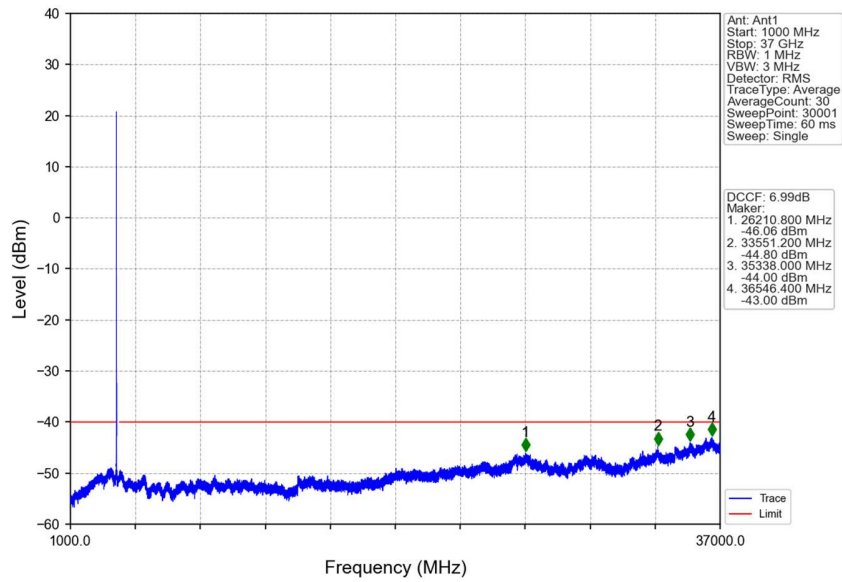




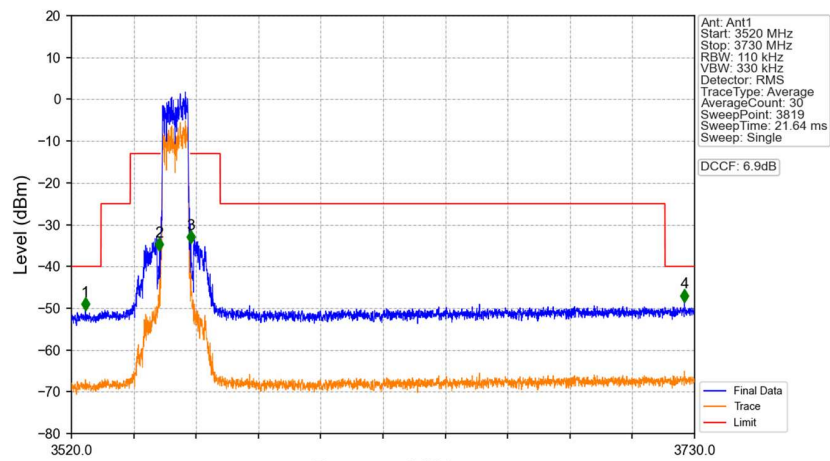
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Edge\_1RB\_Left



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Edge\_1RB\_Left

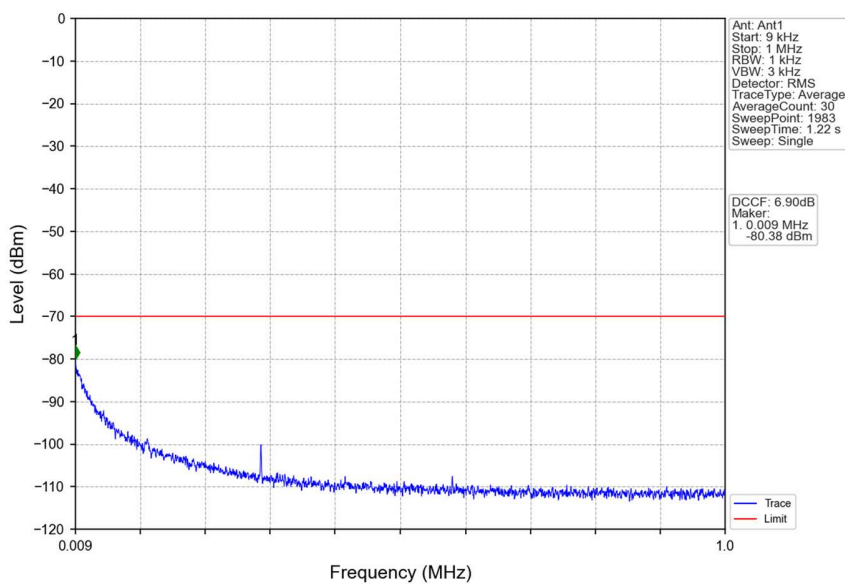


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Outer\_Full



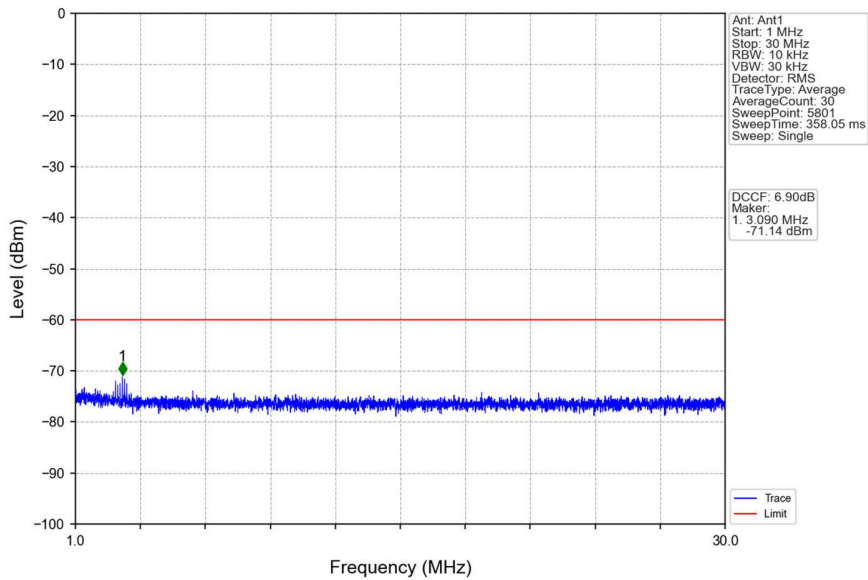
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.846	1	9.59	1	3524.730	-50.59	-40	Pass
3548.846	3549.846	0.11	0	2	3549.646	-36.34	-13	Pass
3549.846	3560.154	0.11	0	/	/	/	/	/
3560.154	3561.154	0.11	0	3	3560.317	-34.47	-13	Pass
3561.154	3730	1	9.59	4	3726.590	-48.53	-40	Pass

n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Outer\_Full

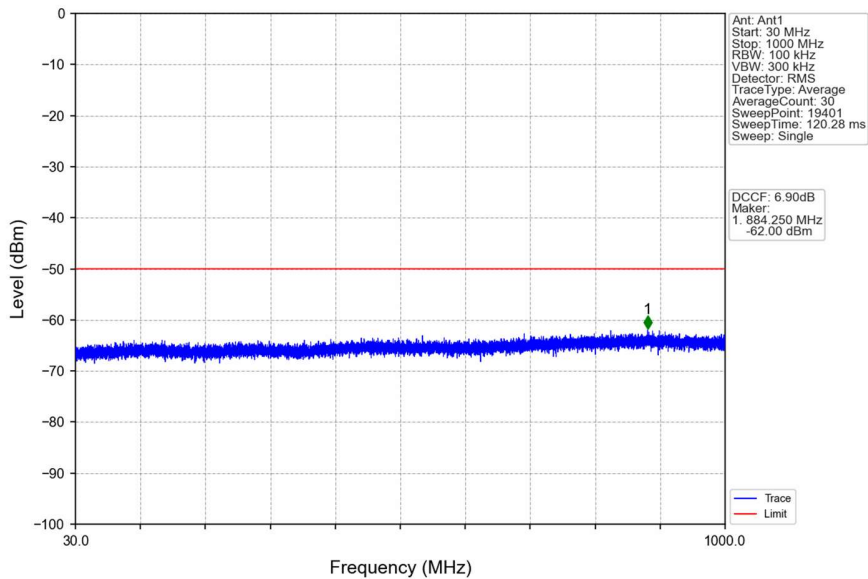




n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_355MHz\_Outer\_Full

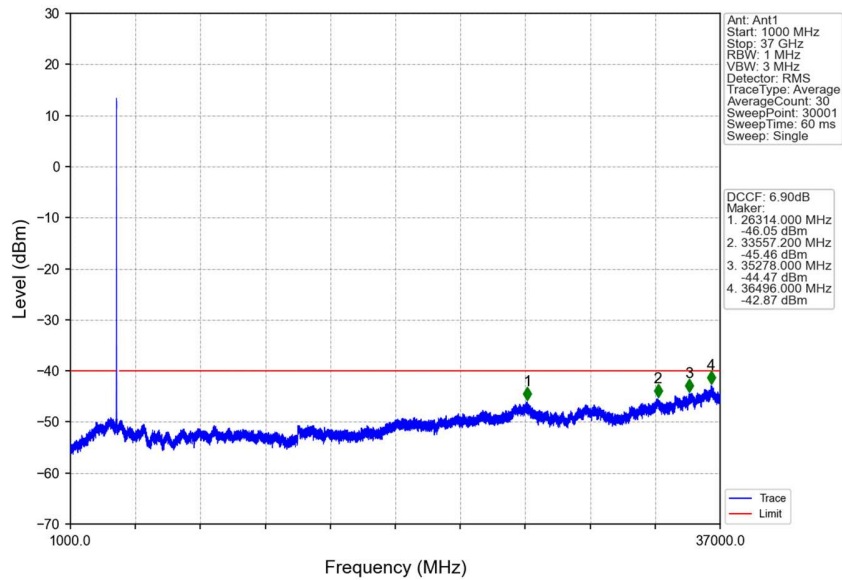


n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_355MHz\_Outer\_Full

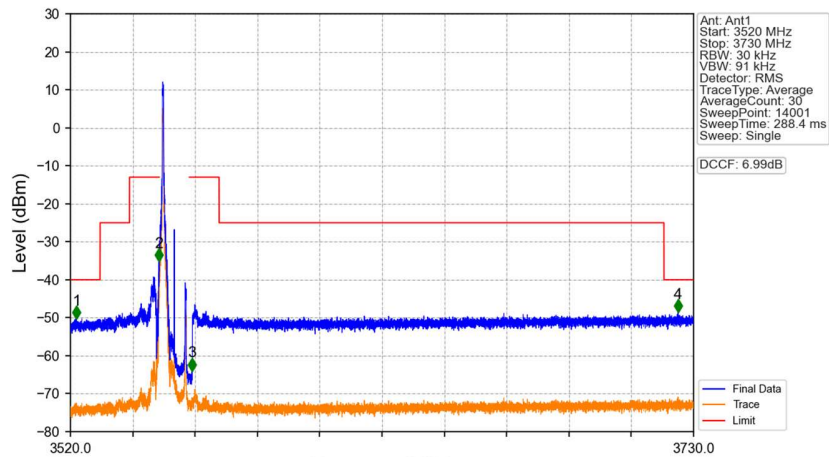




n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Outer\_Full



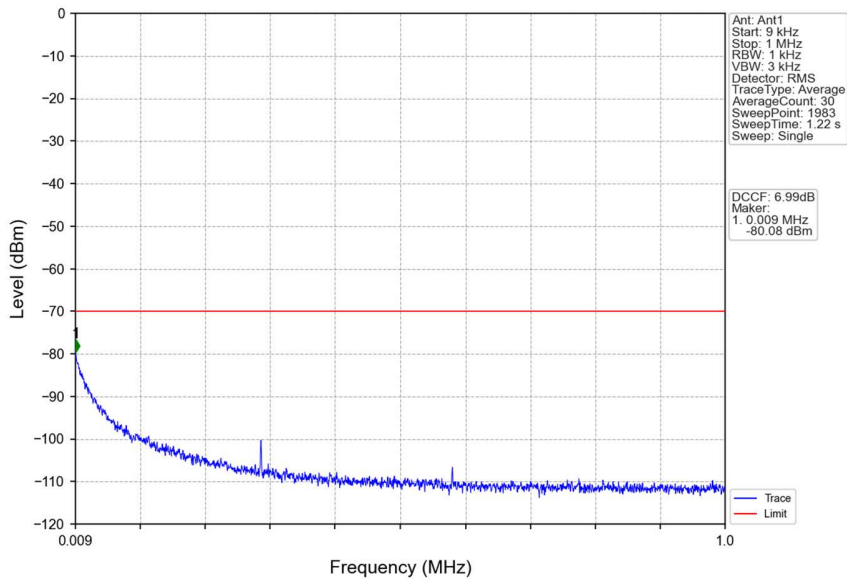
n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.906	1	15.23	1	3522.055	-50.27	-40	Pass
3548.906	3549.906	0.03	0	2	3549.895	-35.23	-13	Pass
3549.906	3560.094	0.03	0	/	/	/	/	/
3560.094	3561.094	0.03	0	3	3560.995	-64.02	-13	Pass
3561.094	3730	1	15.23	4	3724.750	-48.61	-40	Pass



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Inner\_1RB\_Left



n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Inner\_1RB\_Left

