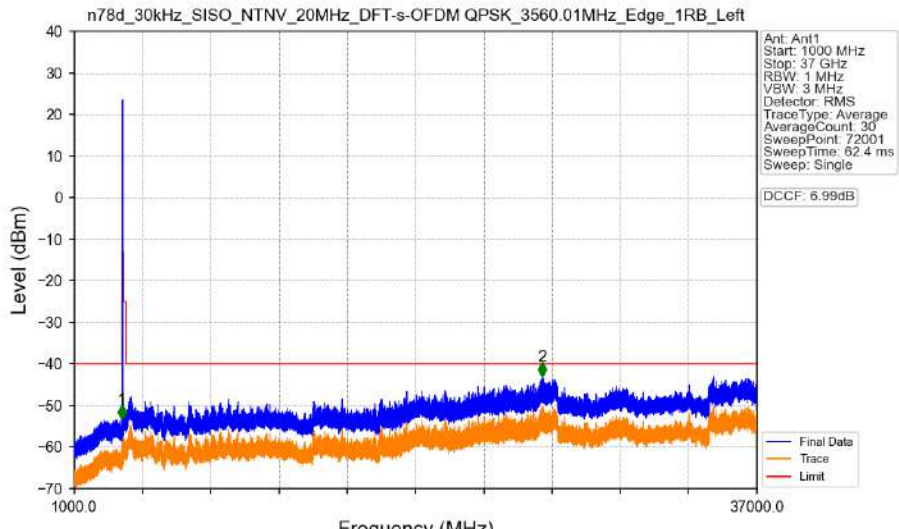
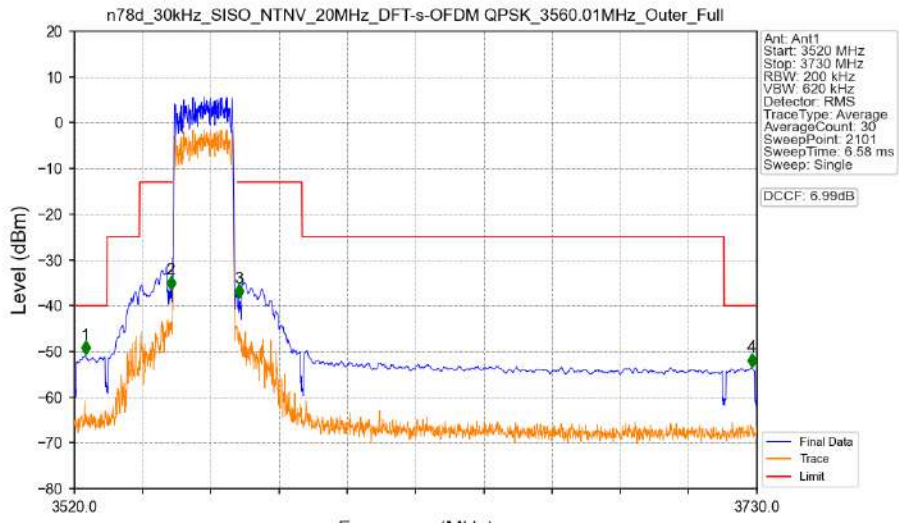


n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3560.01MHz\_Edge\_1RB\_Left



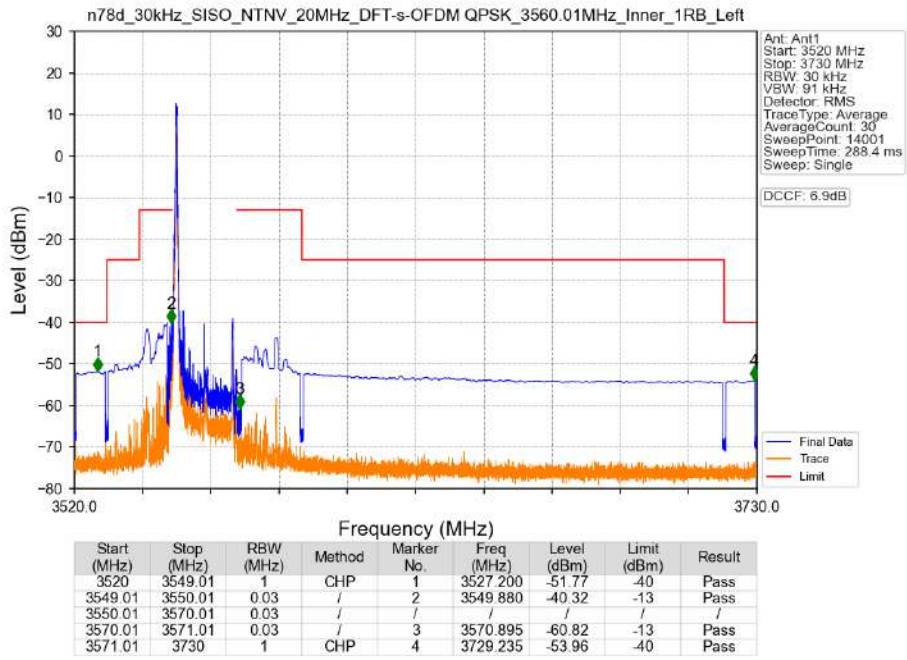
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549.01	1	/	1	3500.000	-53.31	-40	Pass
3549.01	3575.01	1	/	/	/	/	/	/
3575.01	37000	1	/	2	25691.000	-43.08	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3560.01MHz\_Outer\_Full

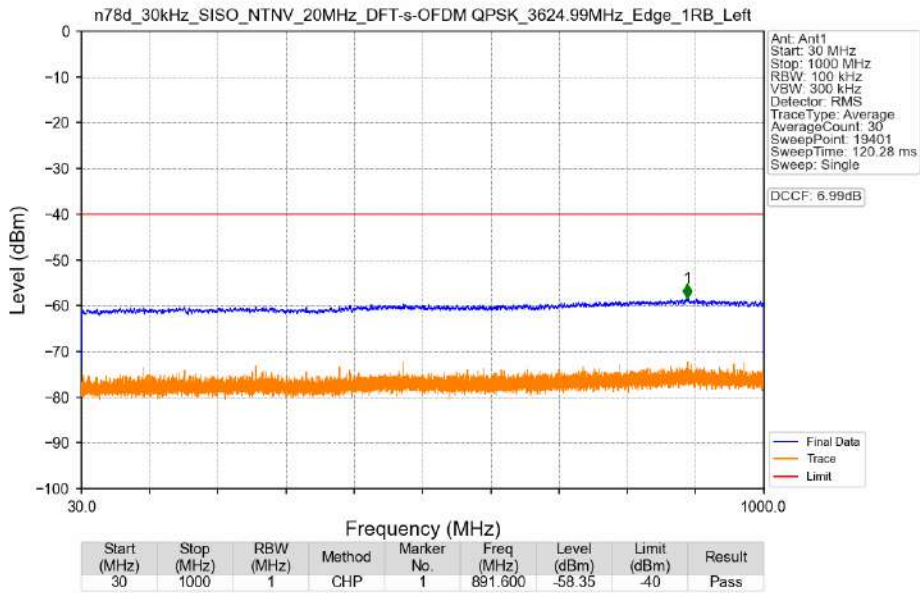


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3523.400	-50.80	-40	Pass
3549.01	3550.01	0.2	/	2	3549.700	-36.52	-13	Pass
3550.01	3570.01	0.2	/	/	/	/	/	/
3570.01	3571.01	0.2	/	3	3570.600	-38.45	-13	Pass
3571.01	3730	1	CHP	4	3728.400	-53.46	-40	Pass

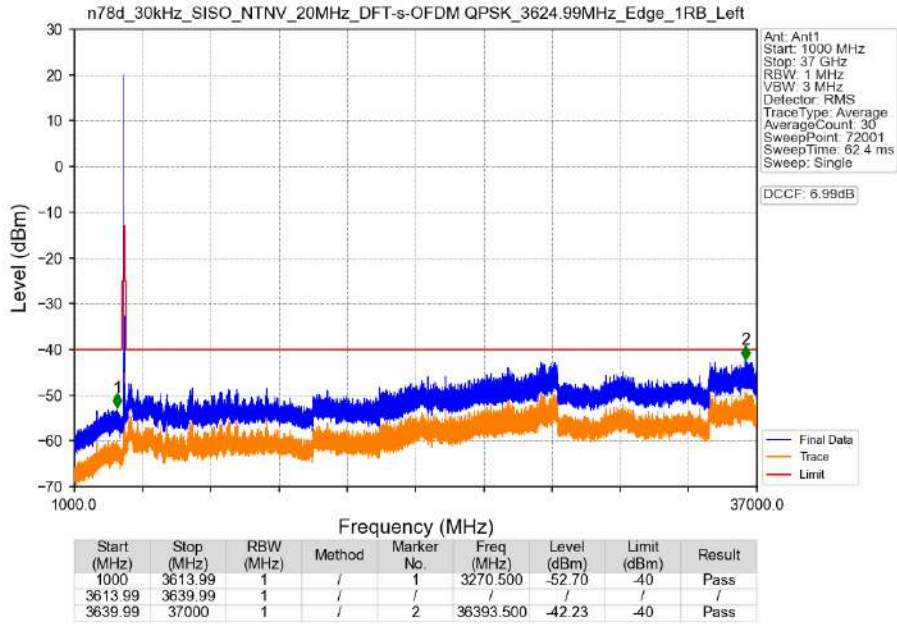
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3560.01MHz\_Inner\_1RB\_Left



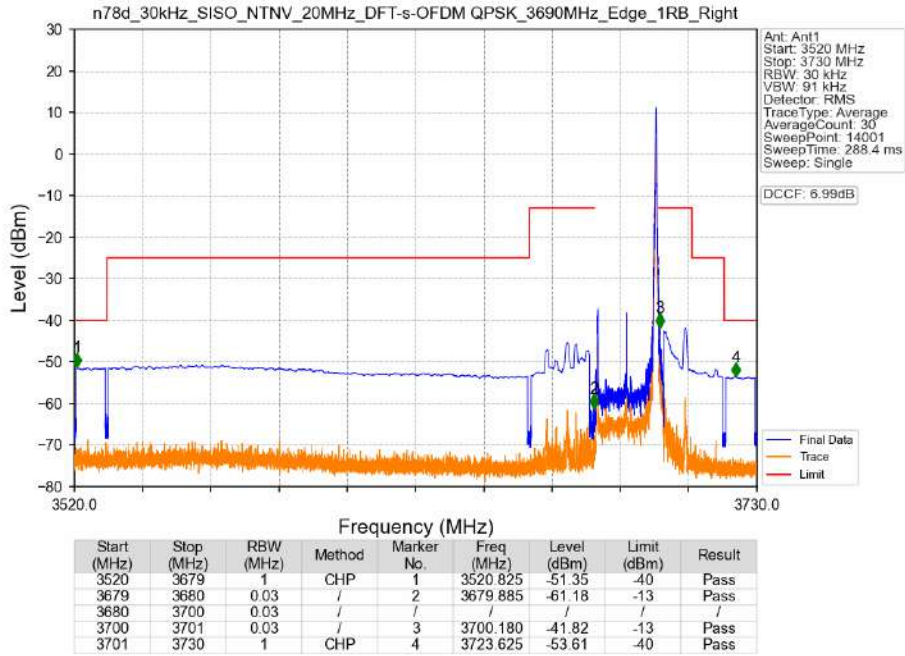
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



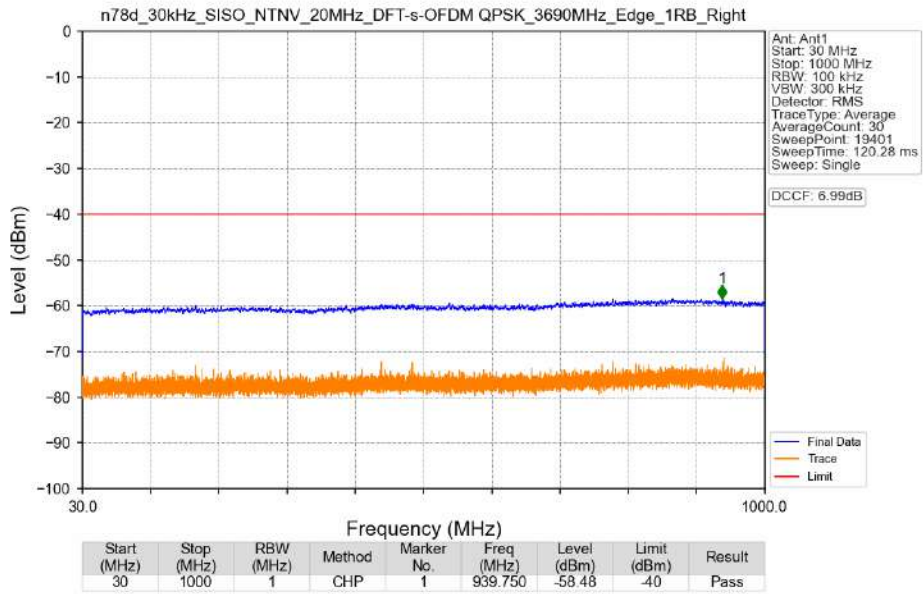
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



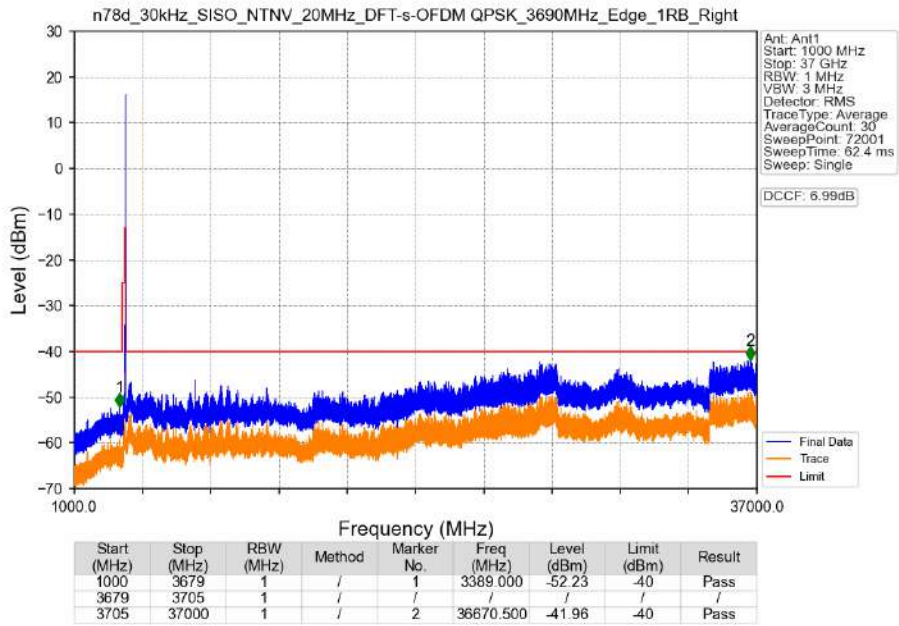
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3690MHz\_Edge\_1RB\_Right



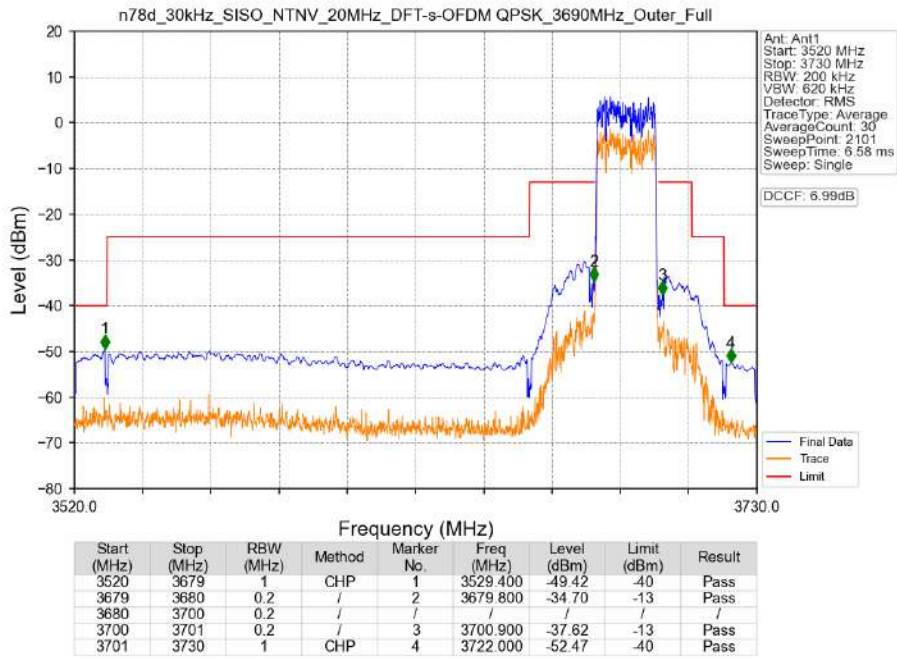
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3690MHz\_Edge\_1RB\_Right



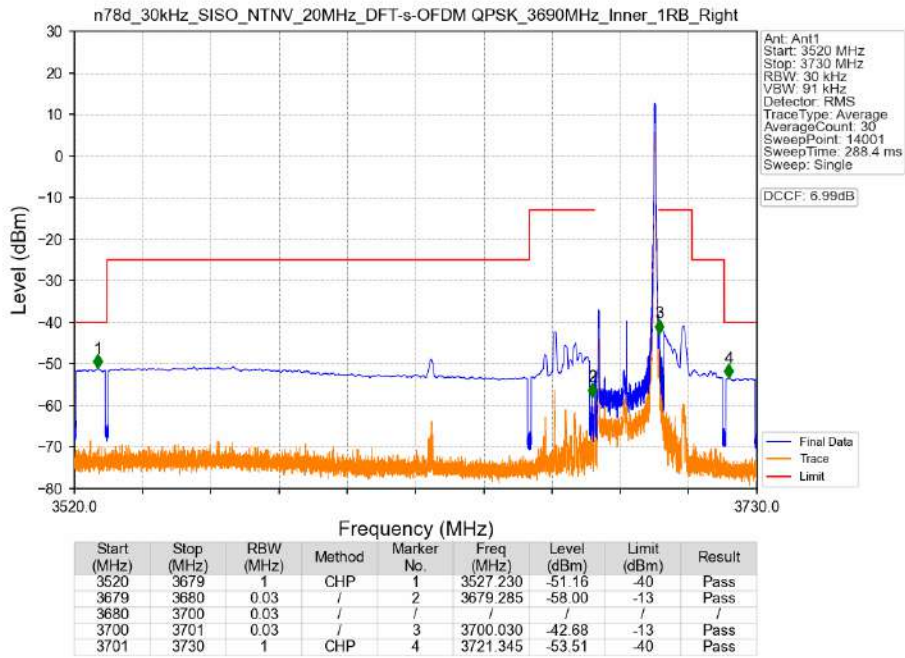
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3690MHz\_Edge\_1RB\_Right



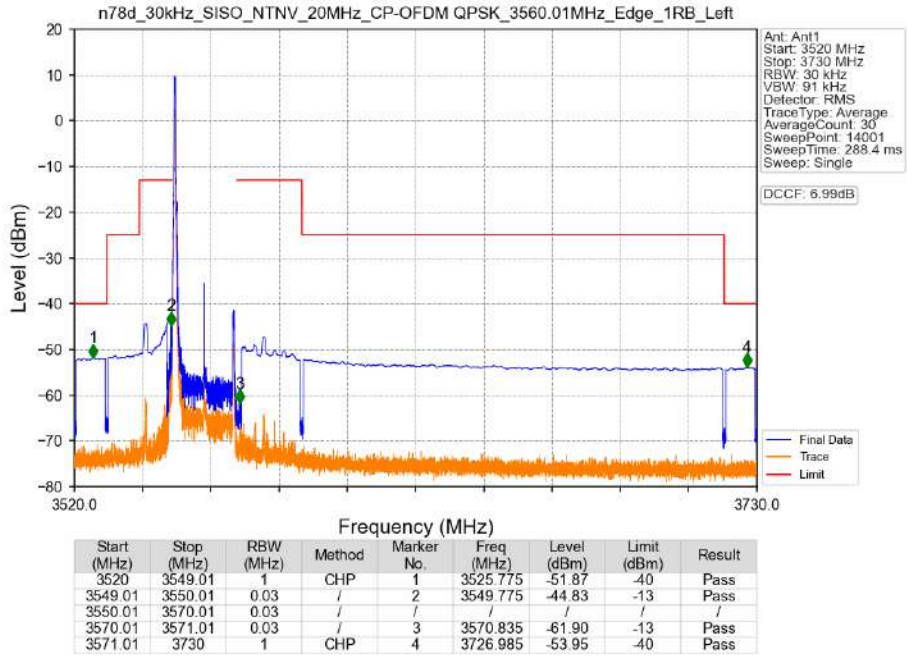
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3690MHz\_Outer\_Full



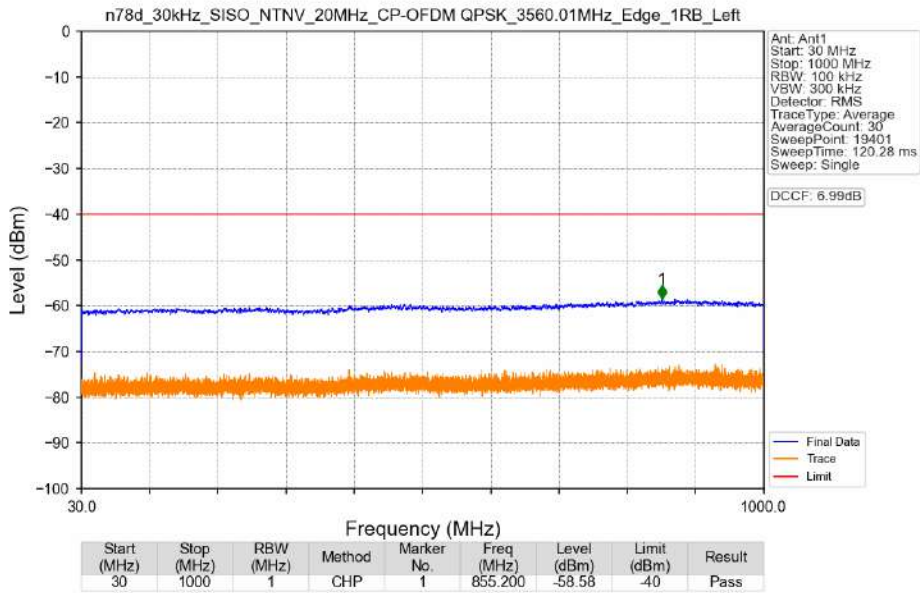
n78d\_30kHz\_SISO\_NTNV\_20MHz\_DFT-s-OFDM\_QPSK\_3690MHz\_Inner\_1RB\_Right



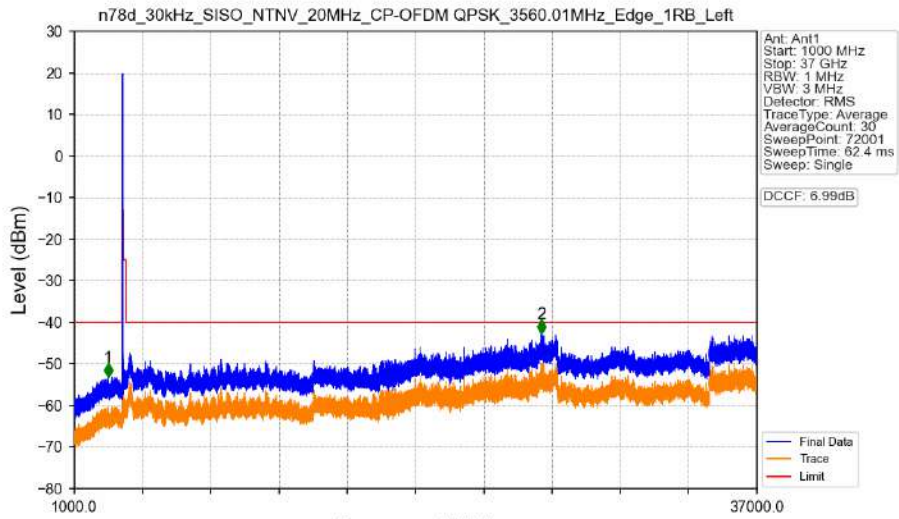
n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3560.01MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3560.01MHz\_Edge\_1RB\_Left

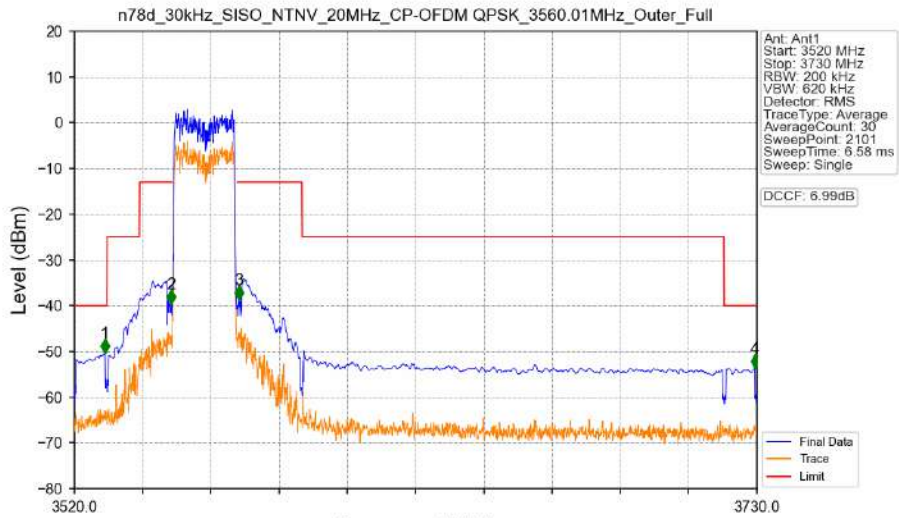


n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_3560.01MHz\_Edge\_1RB\_Left



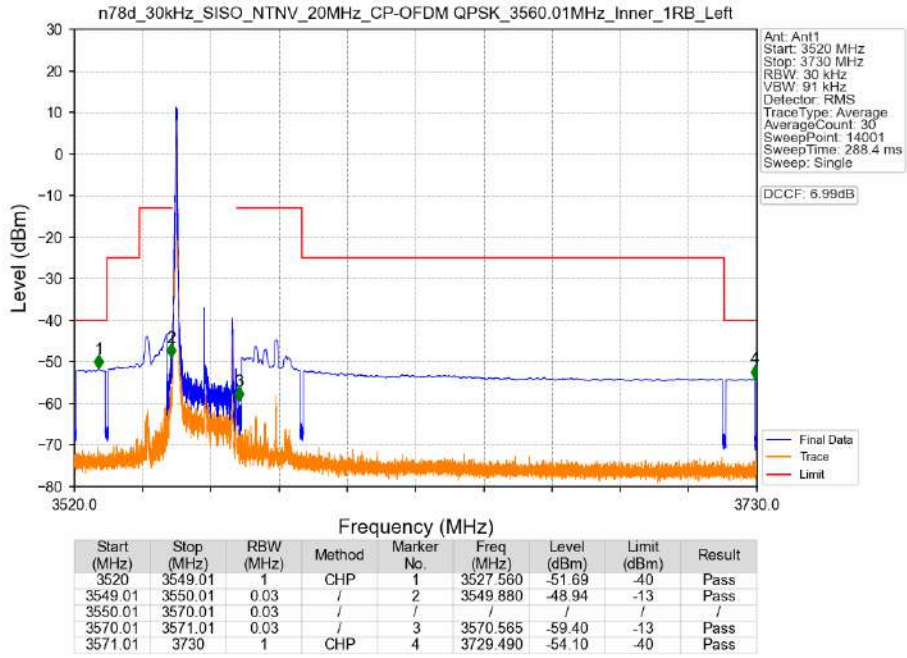
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549.01	1	/	1	2769.000	-53.21	-40	Pass
3549.01	3575.01	1	/	2	25642.500	-42.84	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM\_QPSK\_3560.01MHz\_Outer\_Full

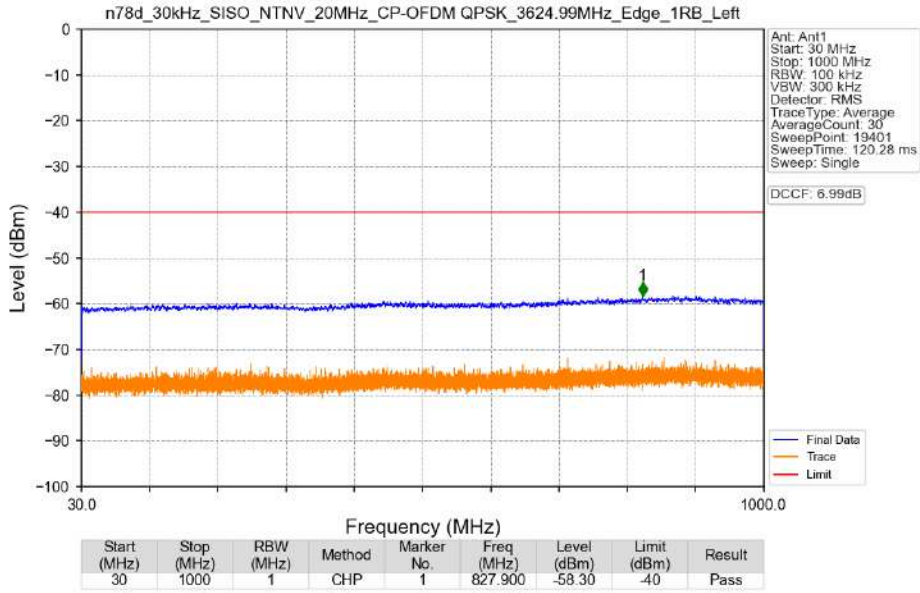


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3529.400	-50.45	-40	Pass
3549.01	3550.01	0.2	/	2	3549.800	-39.56	-13	Pass
3550.01	3570.01	0.2	/	3	3570.600	-38.76	-13	Pass
3570.01	3571.01	0.2	/	4	3729.400	-53.67	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3560.01MHz\_Inner\_1RB\_Left

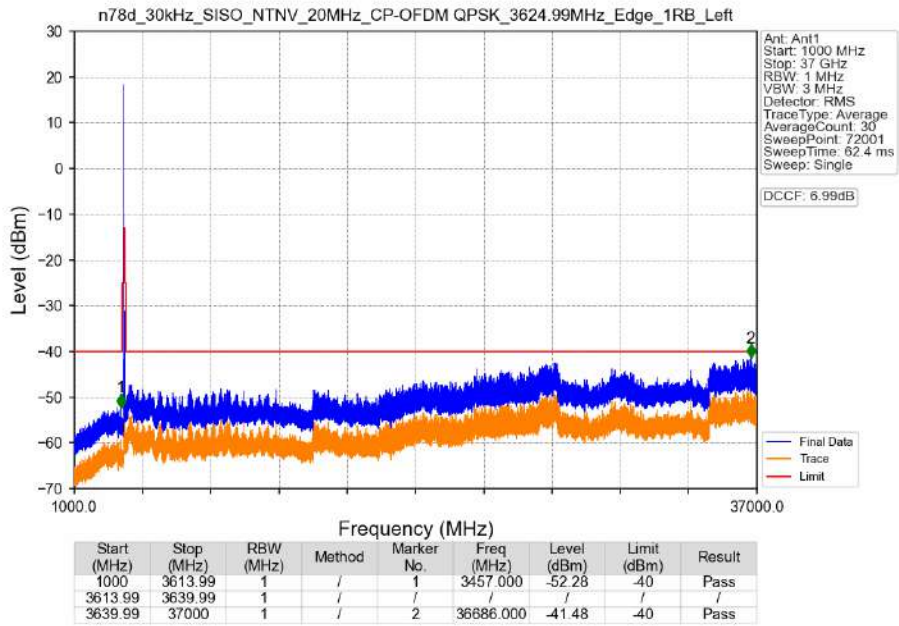


n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left

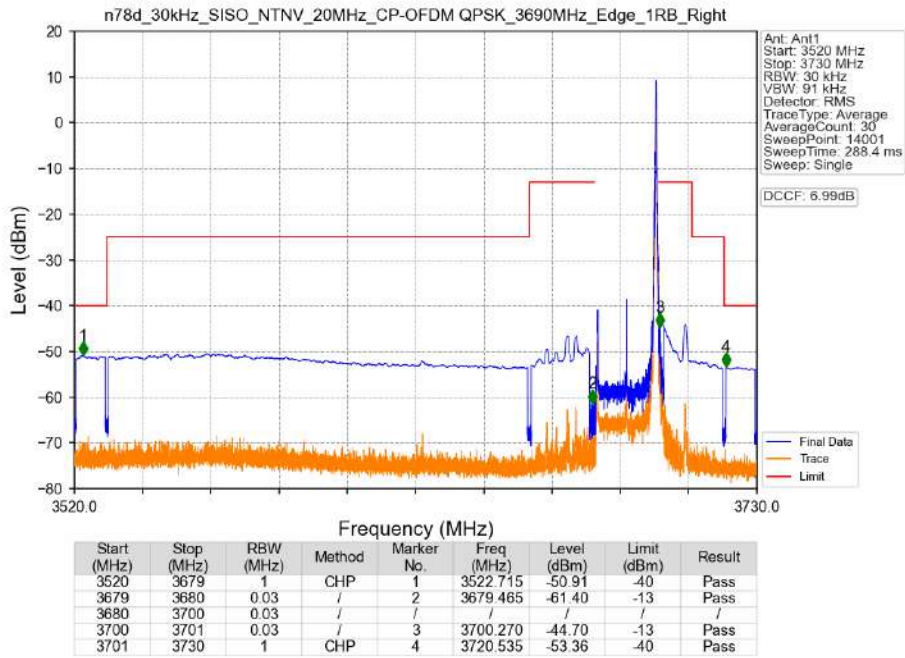




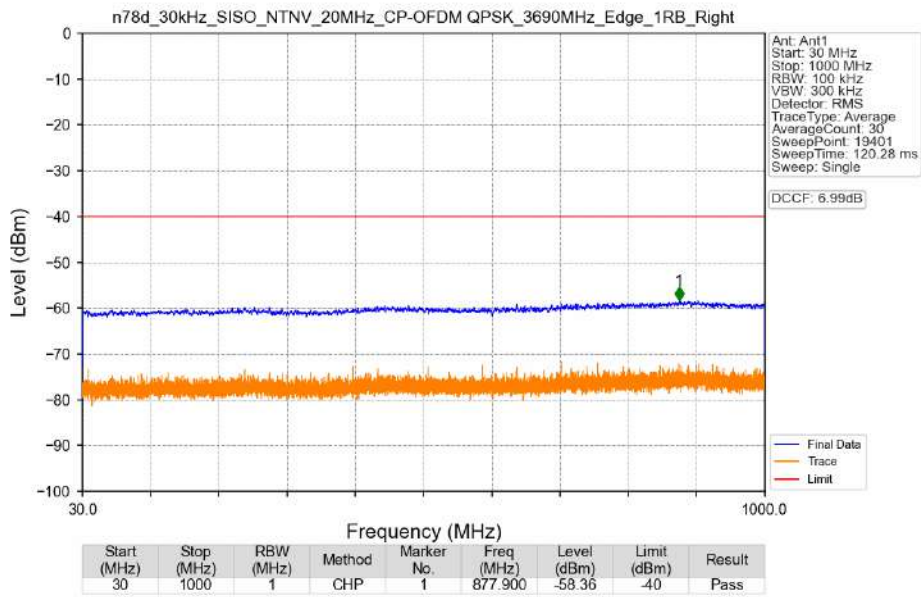
n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left



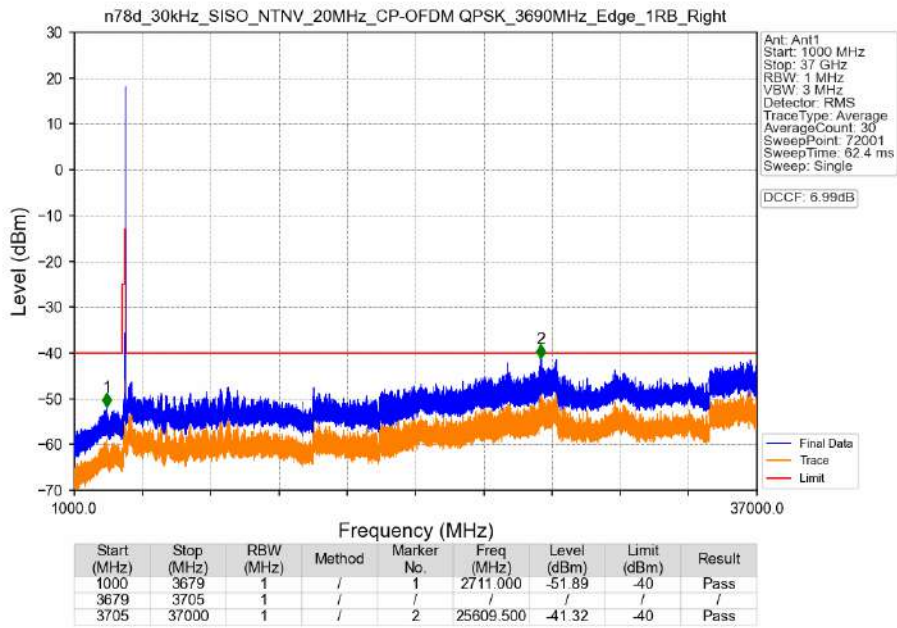
n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3690MHz\_Edge\_1RB\_Right



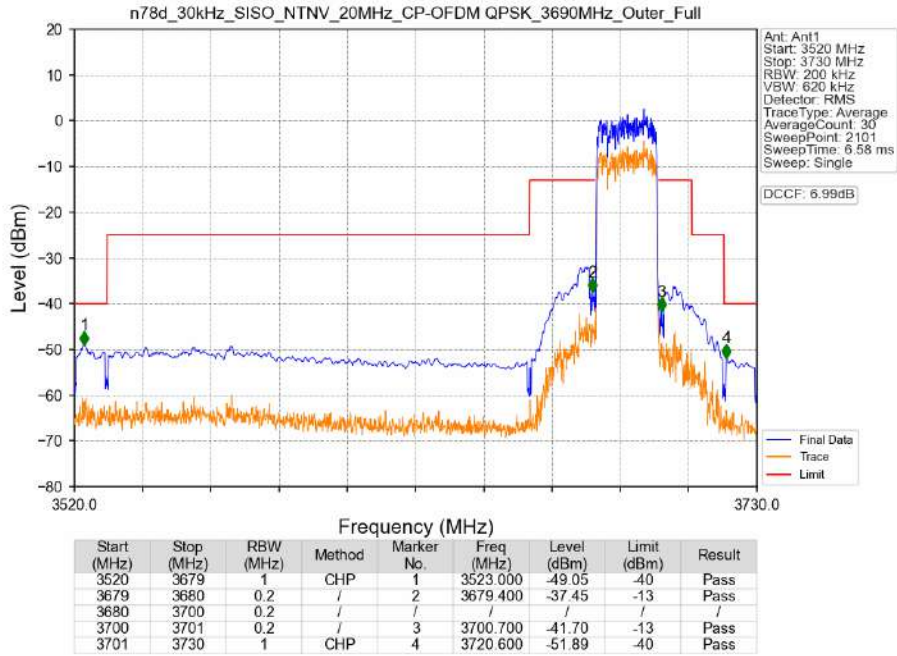
n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3690MHz\_Edge\_1RB\_Right



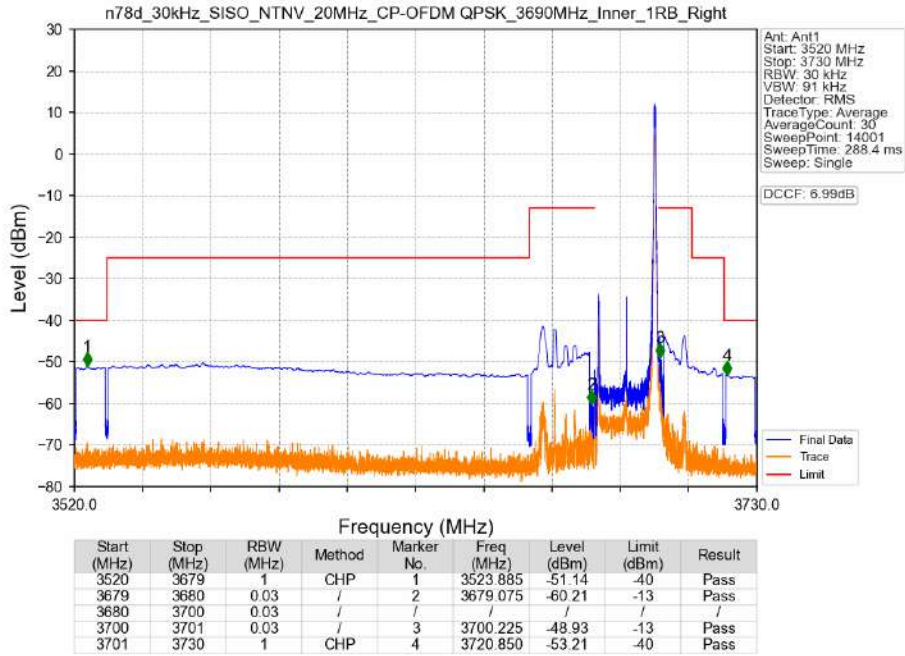
n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3690MHz\_Edge\_1RB\_Right



n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3690MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_20MHz\_CP-OFDM QPSK\_3690MHz\_Inner\_1RB\_Right



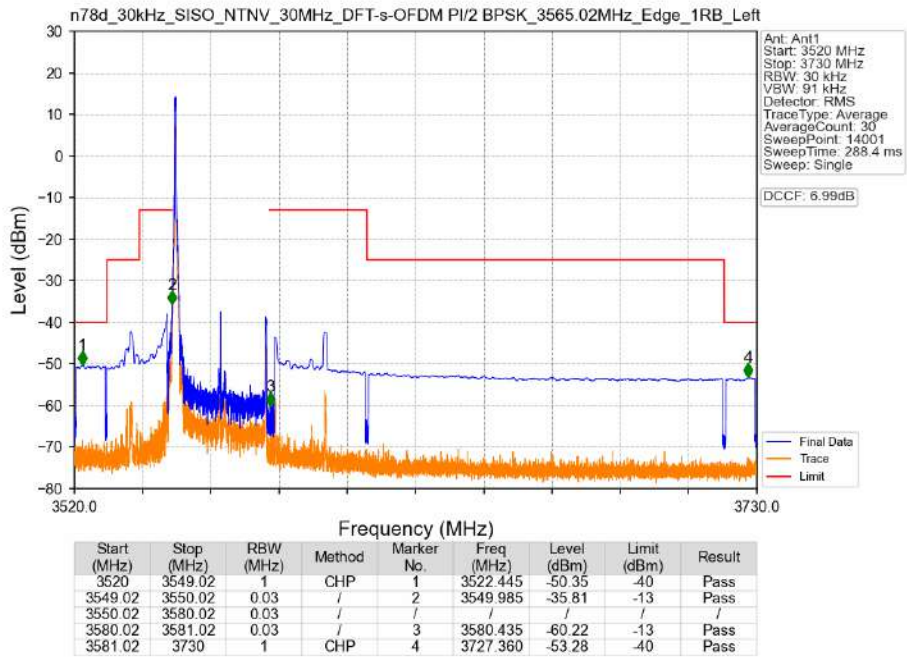
## 5.2 30k\_SISO\_30MHz\_NTNV

### 5.2.1 Test Result

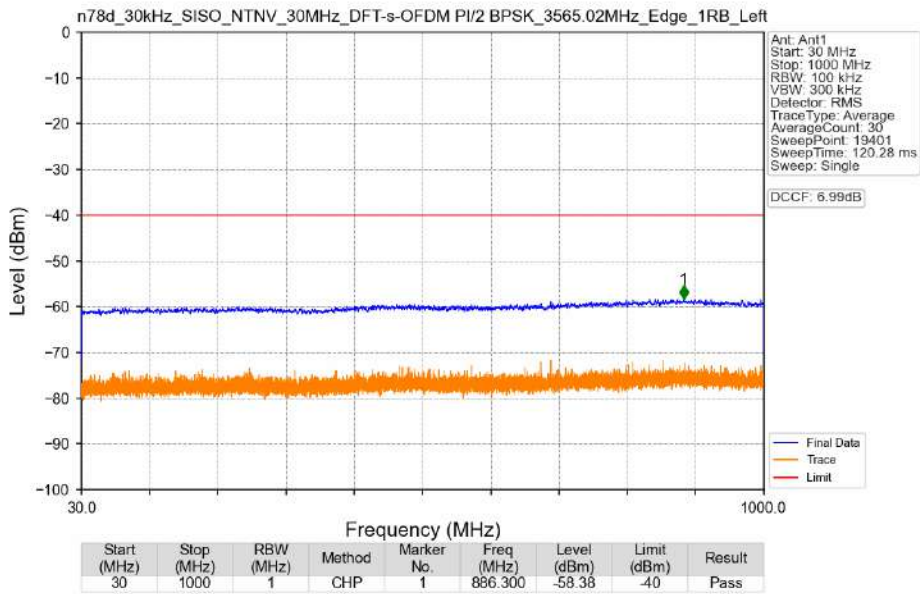
5G NR n78d SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3684.99	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	3565.02	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	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3684.99	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3565.02	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	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3684.99	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

## 1.2.2 Test Graph

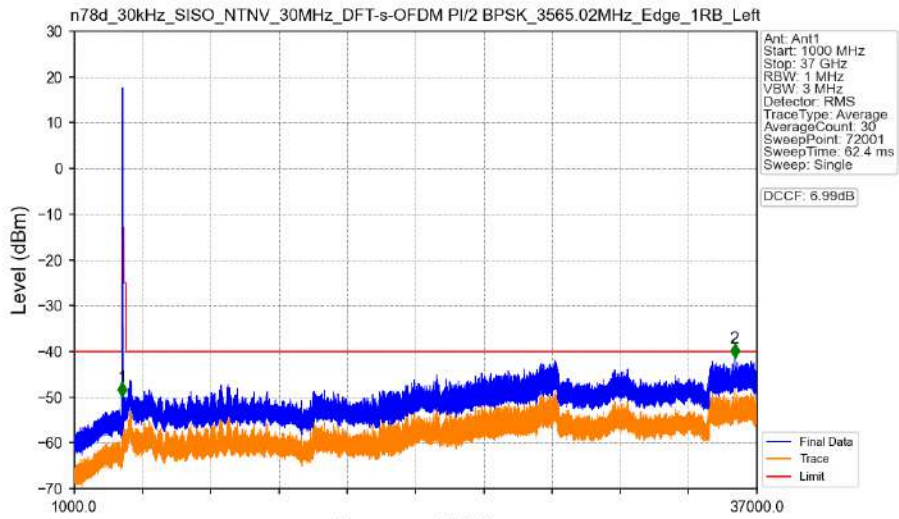
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3565.02MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3565.02MHz\_Edge\_1RB\_Left

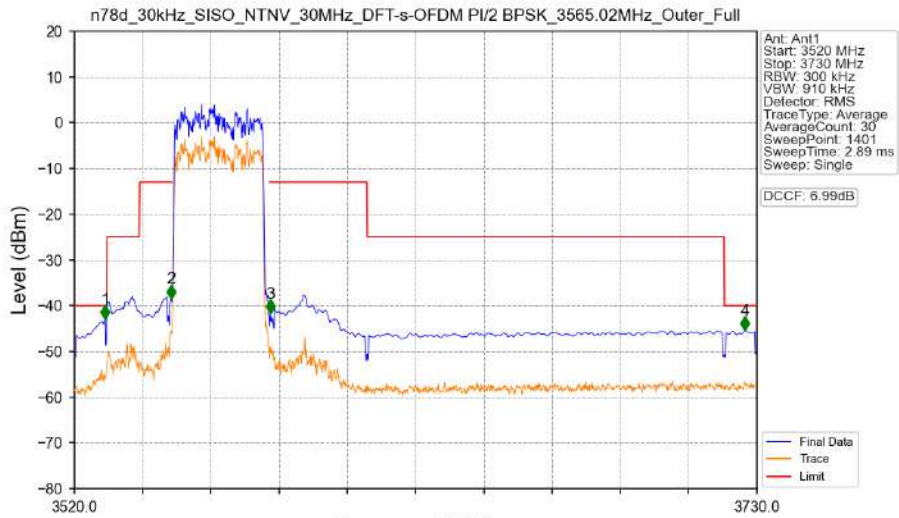


n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3565.02MHz\_Edge\_1RB\_Left



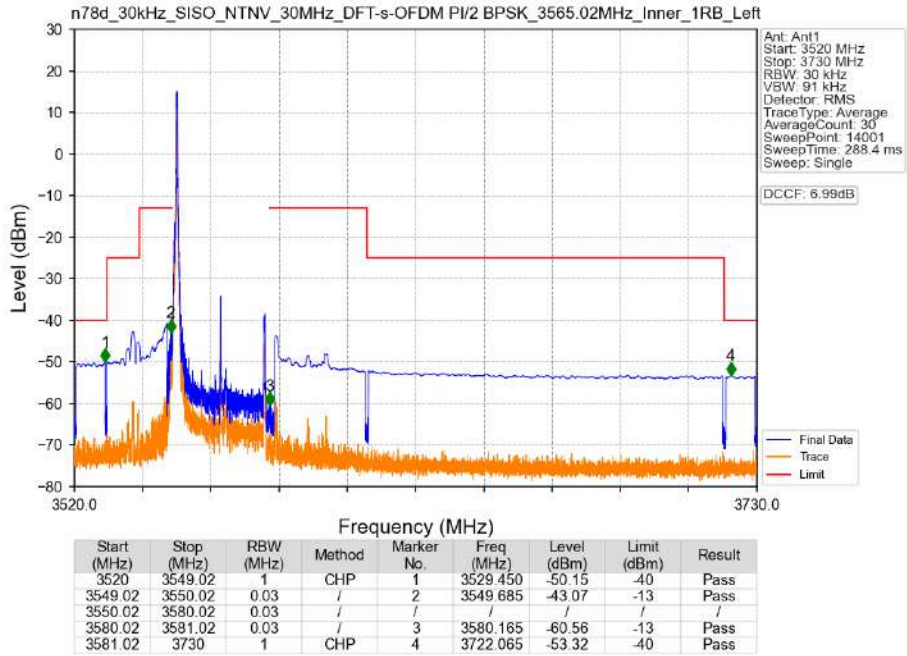
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549.02	1	/	1	3522.500	-49.96	-40	Pass
3549.02	3585.02	1	/	/	/	/	/	/
3585.02	37000	1	/	2	35837.500	-41.47	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3565.02MHz\_Outer\_Full

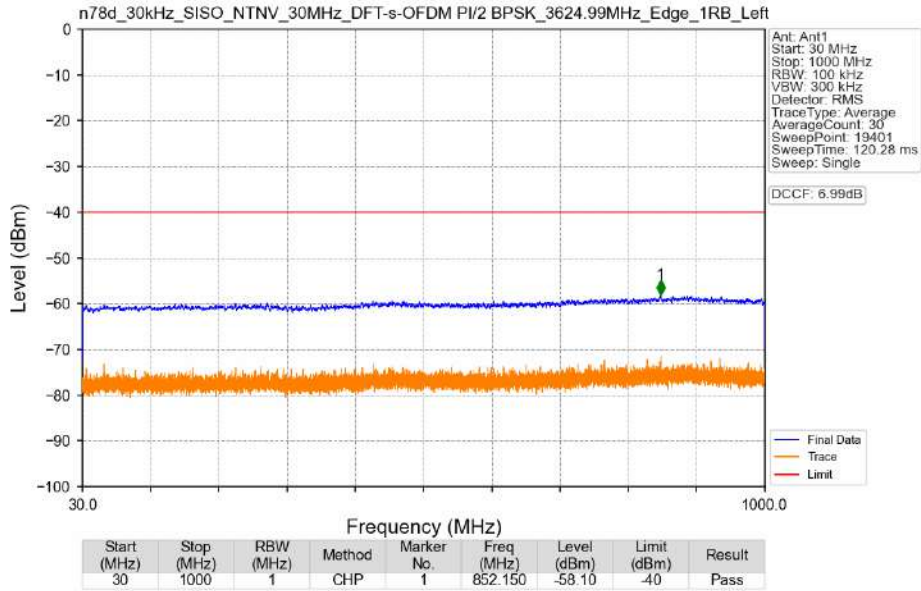


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.02	1	CHP	1	3529.450	-42.92	-40	Pass
3549.02	3550.02	0.3	/	2	3549.850	-38.49	-13	Pass
3550.02	3580.02	0.3	/	/	/	/	/	/
3580.02	3581.02	0.3	/	3	3580.300	-41.73	-13	Pass
3581.02	3730	1	CHP	4	3726.400	-45.43	-40	Pass

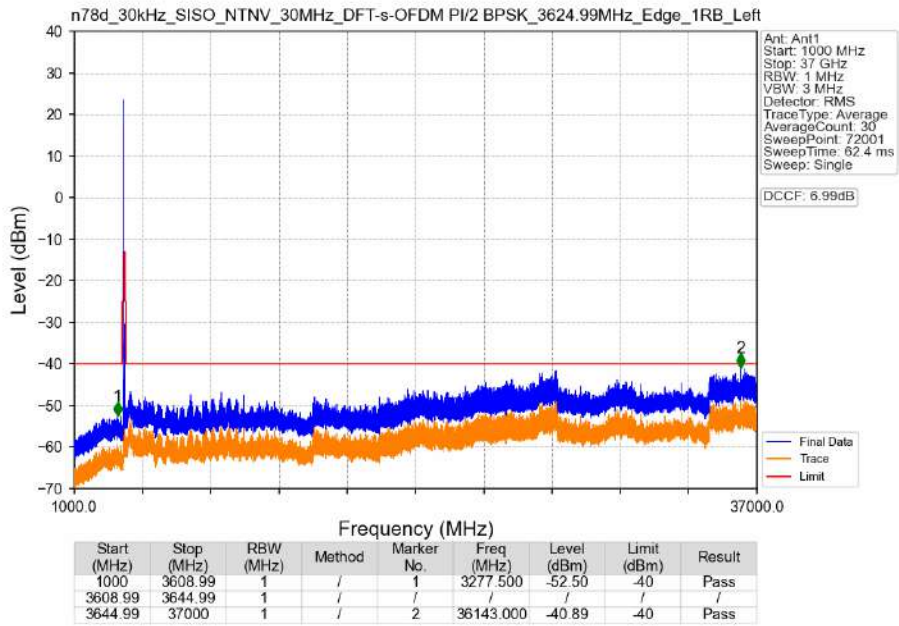
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3565.02MHz\_Inner\_1RB\_Left



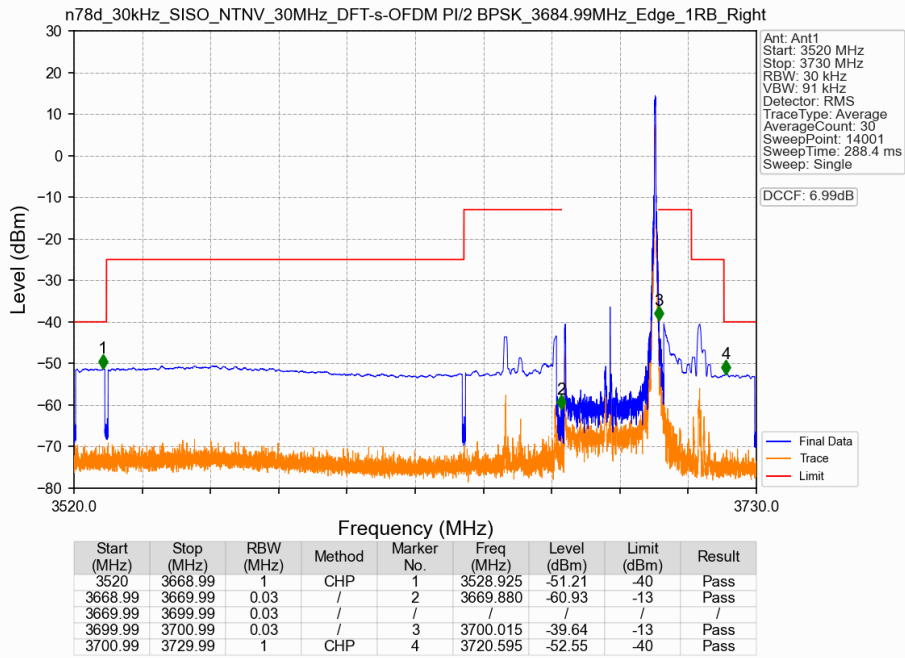
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left

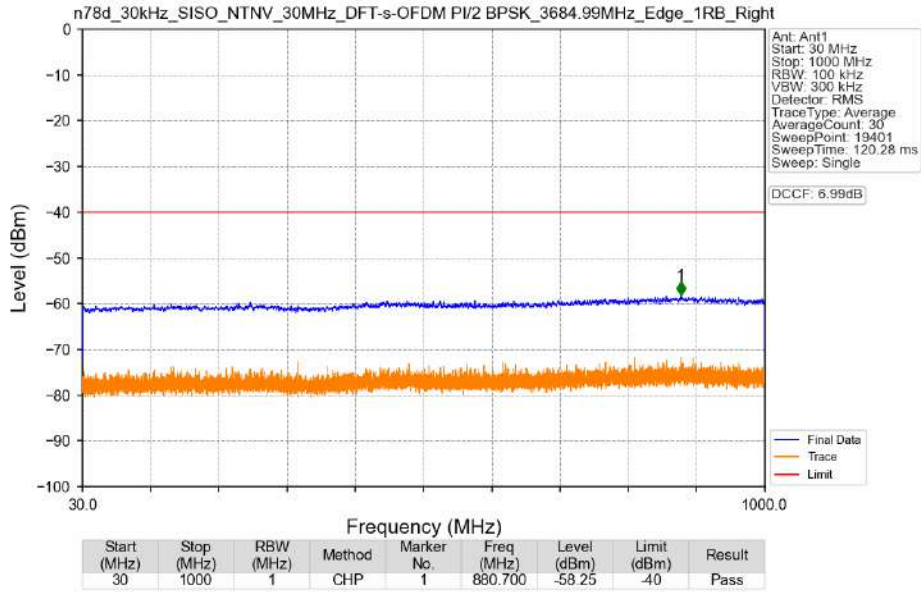


n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3684.99MHz\_Edge\_1RB\_Right

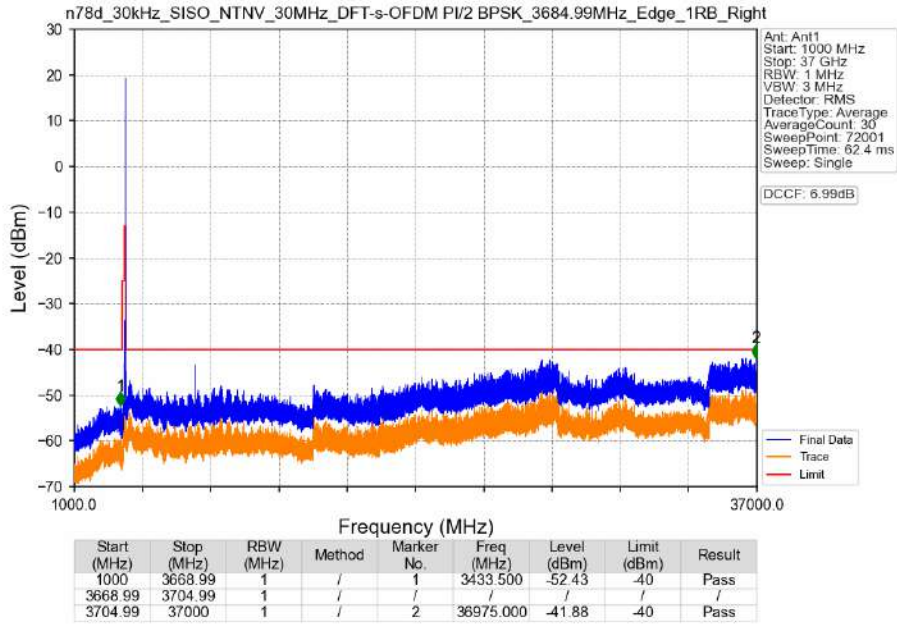




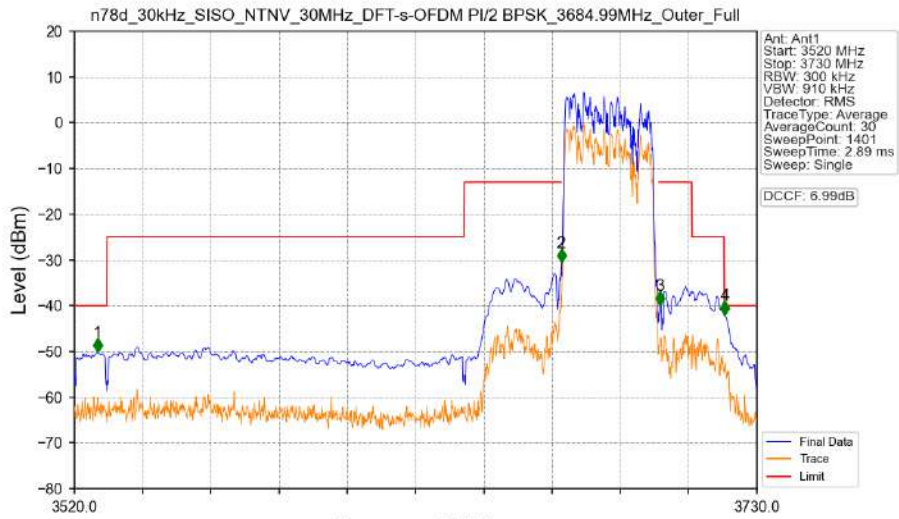
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3684.99MHz\_Edge\_1RB\_Right



n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3684.99MHz\_Edge\_1RB\_Right

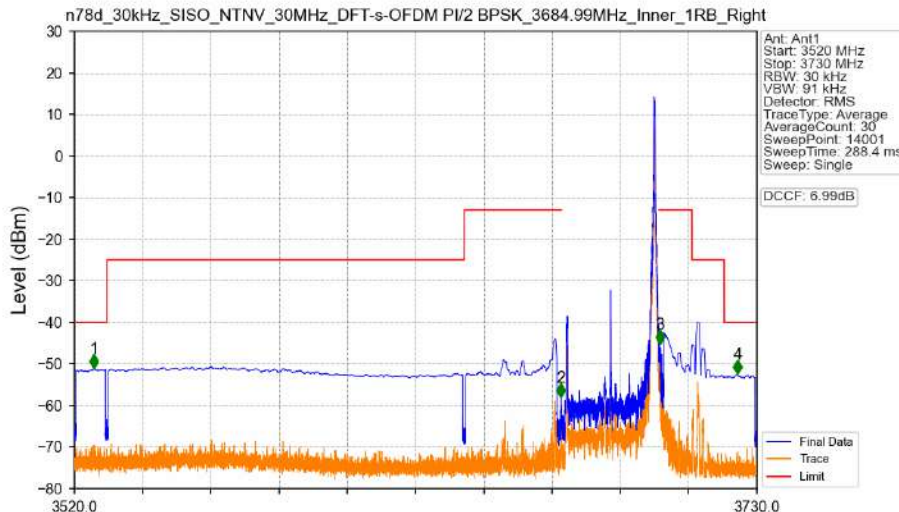


n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3684.99MHz\_Outer\_Full



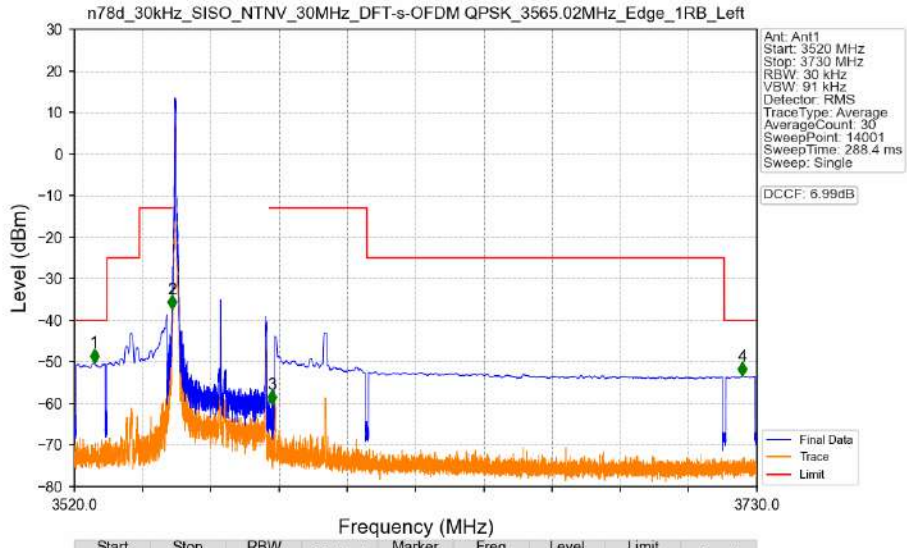
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3668.99	1	CHP	1	3527.200	-50.20	-40	Pass
3668.99	3669.99	0.3	/	2	3669.850	-30.58	-13	Pass
3669.99	3699.99	0.3	/	/	/	/	/	/
3699.99	3700.99	0.3	/	3	3700.300	-39.97	-13	Pass
3700.99	3729.99	1	CHP	4	3720.100	-42.10	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM PI/2 BPSK\_3684.99MHz\_Inner\_1RB\_Right

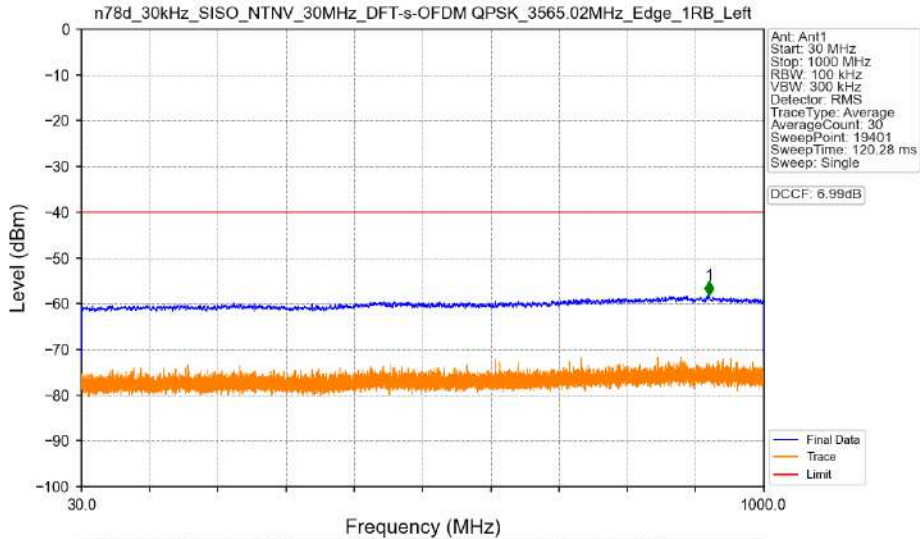


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3668.99	1	CHP	1	3526.060	-51.15	-40	Pass
3668.99	3669.99	0.03	/	2	3669.760	-58.10	-13	Pass
3669.99	3699.99	0.03	/	/	/	/	/	/
3699.99	3700.99	0.03	/	3	3700.090	-45.21	-13	Pass
3700.99	3729.99	1	CHP	4	3724.120	-52.47	-40	Pass

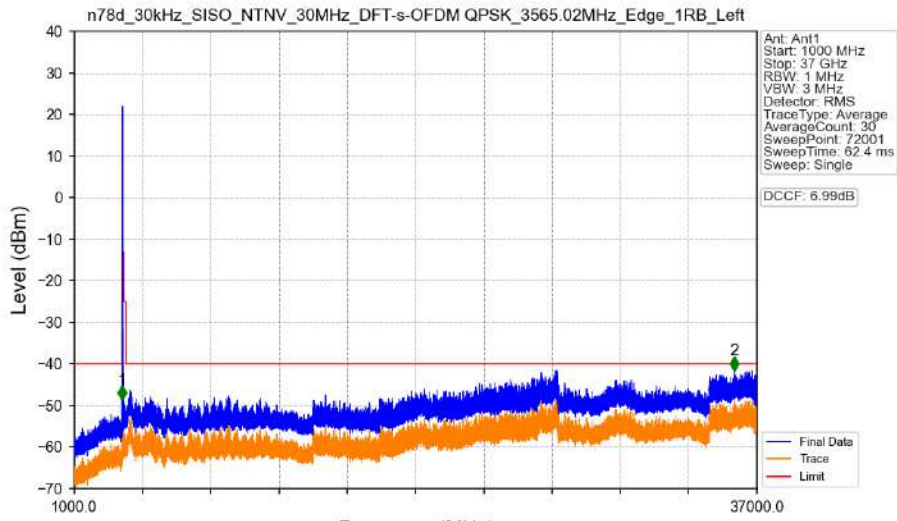
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3565.02MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3565.02MHz\_Edge\_1RB\_Left

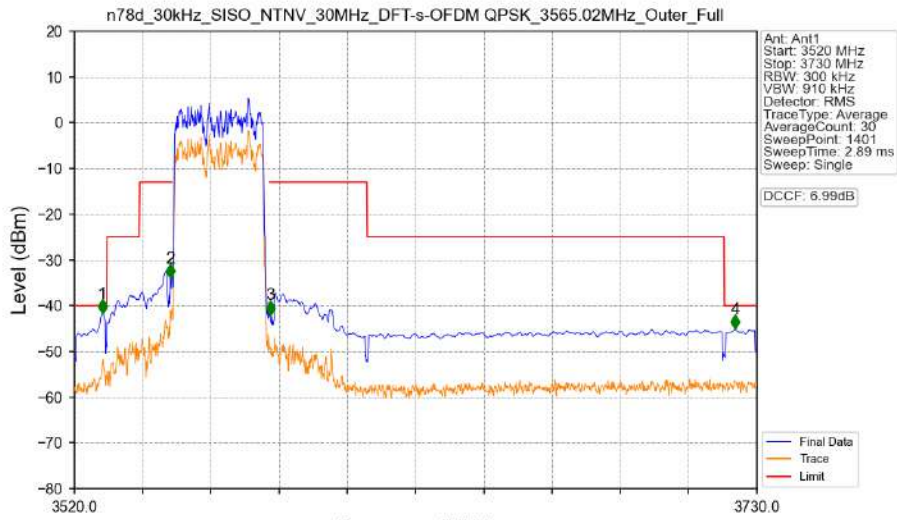


n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3565.02MHz\_Edge\_1RB\_Left



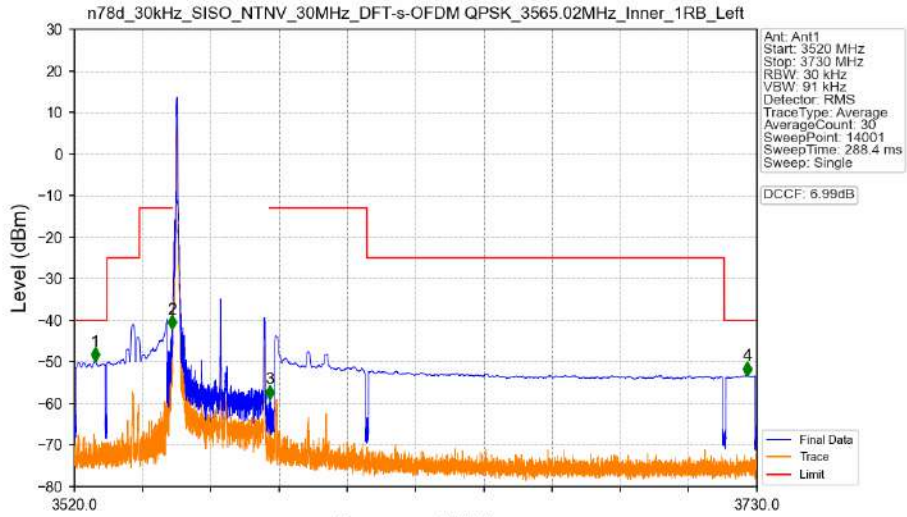
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549.02	1	/	1	3524.500	-48.63	-40	Pass
3549.02	3585.02	1	/	/	/	/	/	/
3585.02	37000	1	/	2	35821.000	-41.60	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3565.02MHz\_Outer\_Full



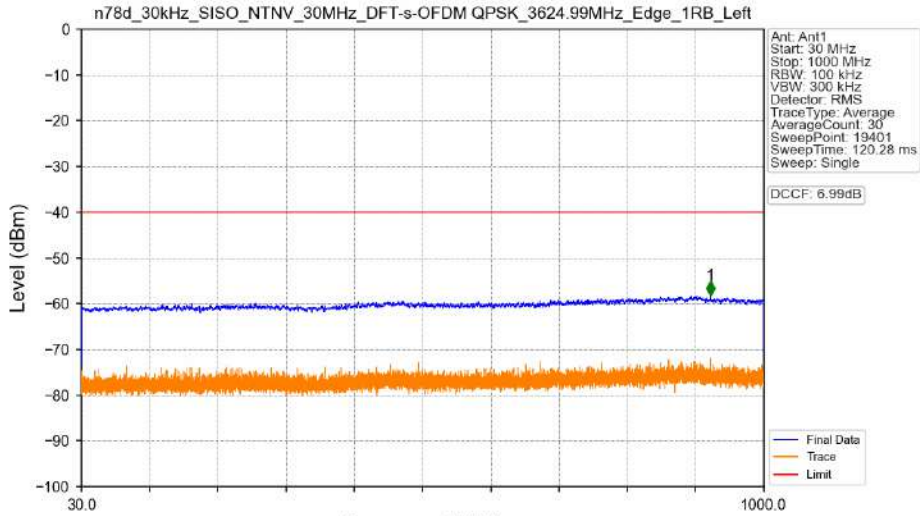
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.02	1	CHP	1	3528.700	-41.76	-40	Pass
3549.02	3550.02	0.3	/	2	3549.550	-34.03	-13	Pass
3550.02	3580.02	0.3	/	/	/	/	/	/
3580.02	3581.02	0.3	/	3	3580.300	-41.99	-13	Pass
3581.02	3730	1	CHP	4	3723.400	-45.15	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3565.02MHz\_Inner\_1RB\_Left



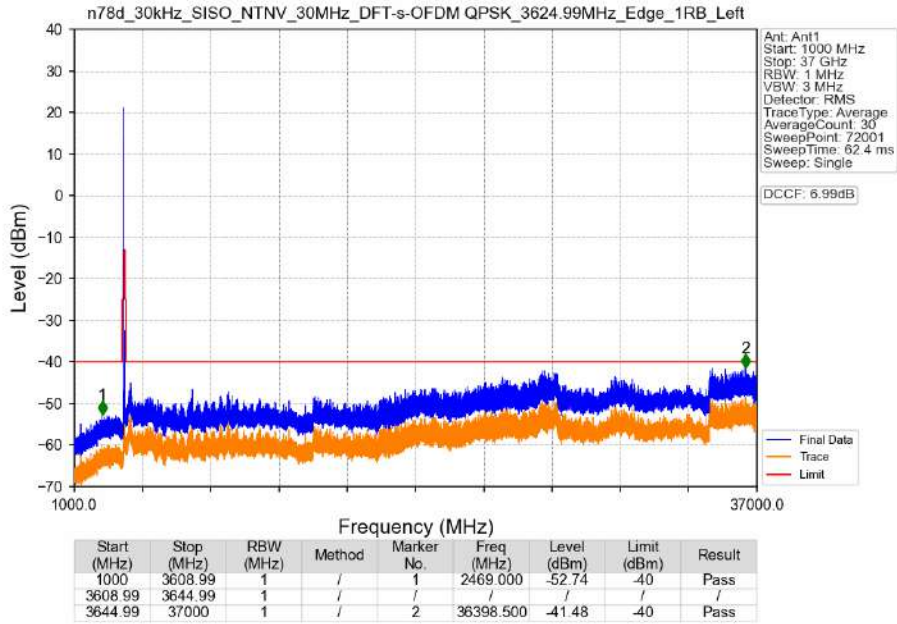
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.02	1	CHP	1	3526.465	-49.88	-40	Pass
3549.02	3550.02	0.03	/	2	3550.015	-42.22	-13	Pass
3550.02	3580.02	0.03	/	/	/	/	/	/
3580.02	3581.02	0.03	/	3	3580.150	-58.98	-13	Pass
3581.02	3730	1	CHP	4	3727.105	-53.32	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left

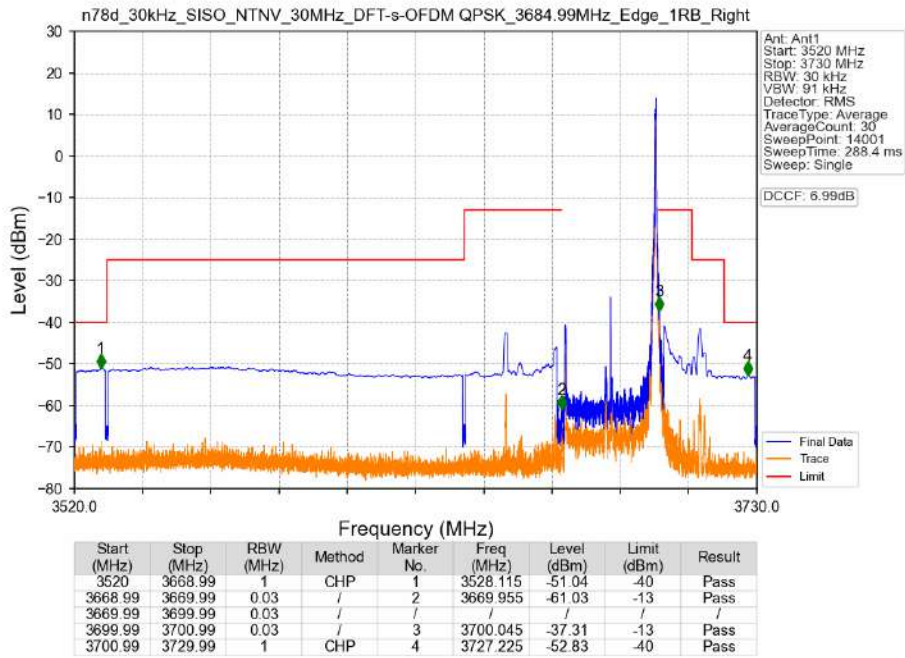


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	924.000	-58.20	-40	Pass

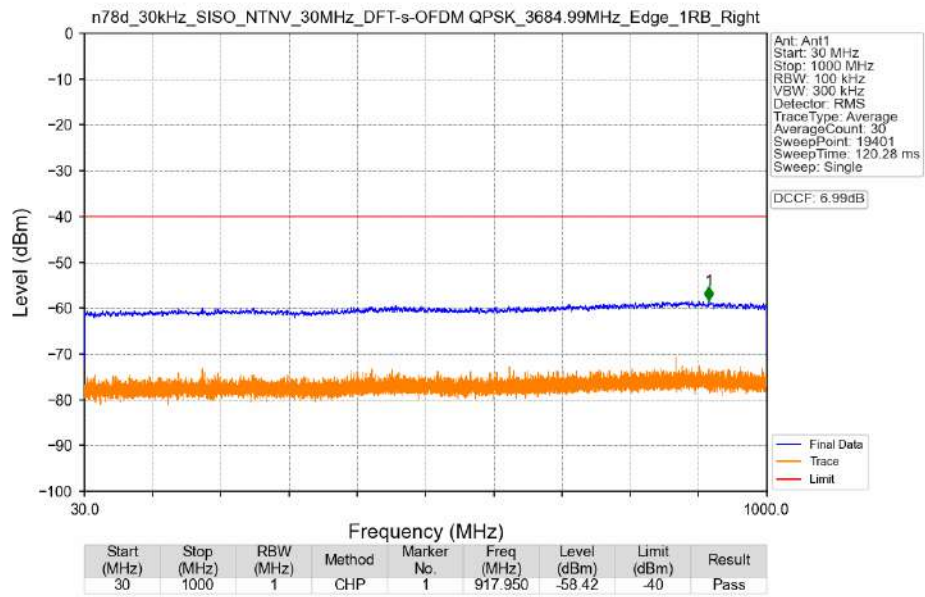
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



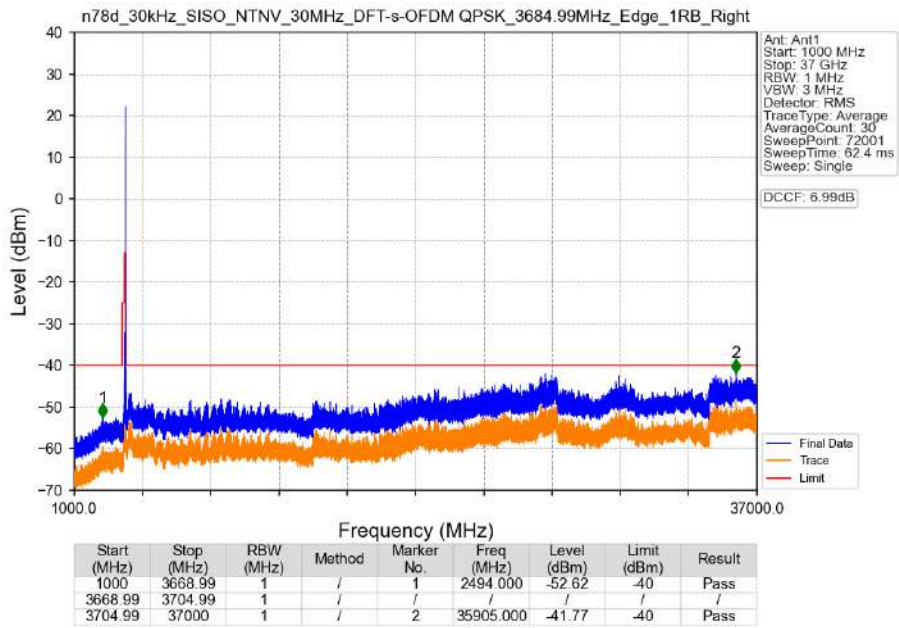
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM\_QPSK\_3684.99MHz\_Edge\_1RB\_Right



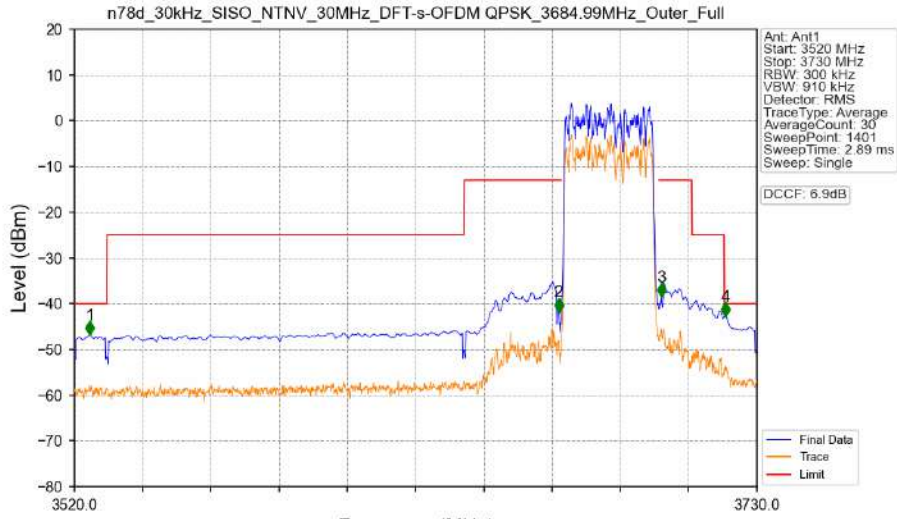
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM QPSK\_3684.99MHz\_Edge\_1RB\_Right



n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM QPSK\_3684.99MHz\_Edge\_1RB\_Right

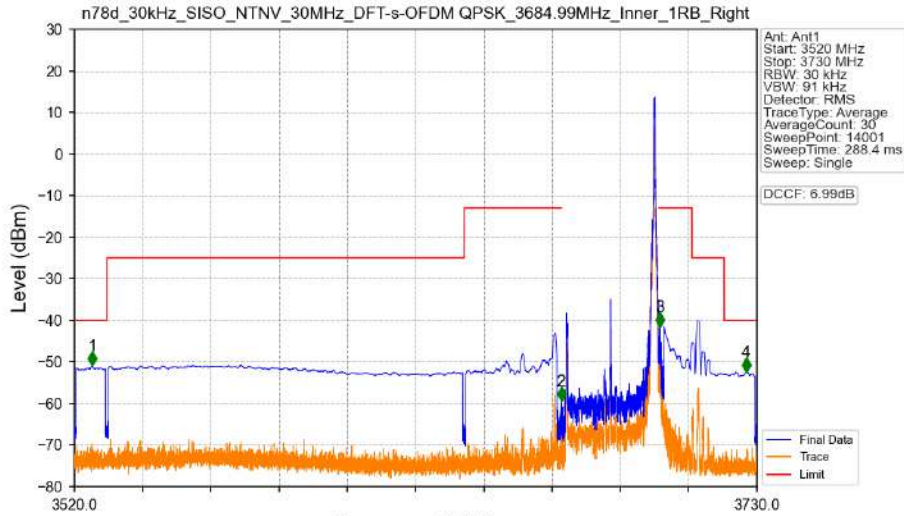


n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM QPSK\_3684.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3668.99	1	CHP	1	3524.800	-46.89	-40	Pass
3668.99	3669.99	0.3	/	2	3669.100	-41.85	-13	Pass
3669.99	3699.99	0.3	/	/	/	/	/	/
3699.99	3700.99	0.3	/	3	3700.600	-38.54	-13	Pass
3700.99	3729.99	1	CHP	4	3720.400	-42.75	-40	Pass

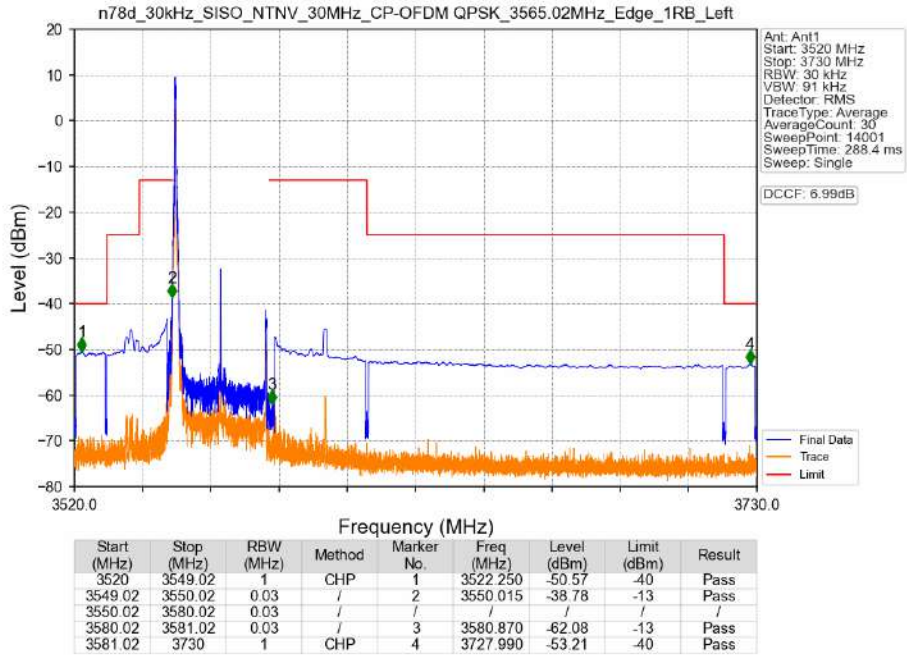
n78d\_30kHz\_SISO\_NTNV\_30MHz\_DFT-s-OFDM QPSK\_3684.99MHz\_Inner\_1RB\_Right



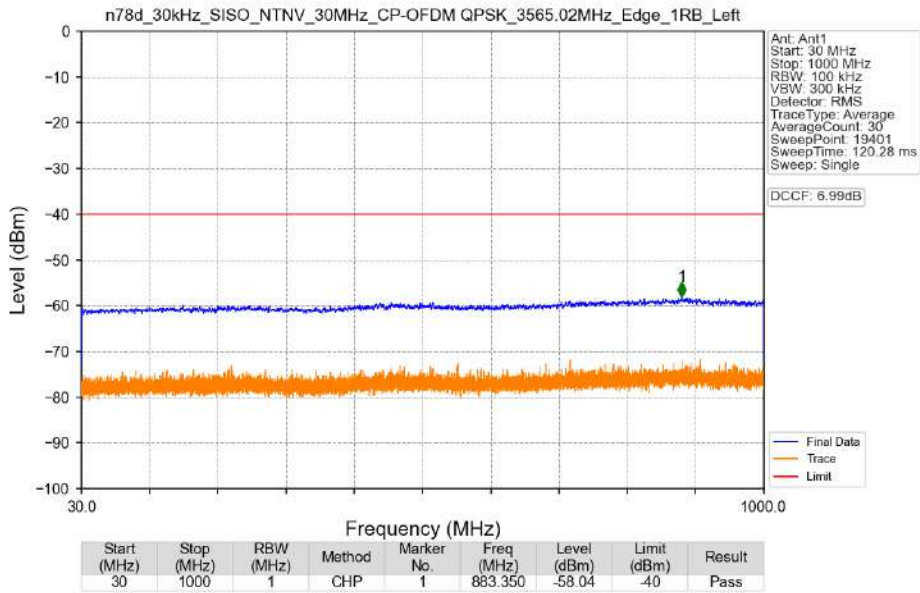
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3668.99	1	CHP	1	3525.580	-50.99	-40	Pass
3668.99	3669.99	0.03	/	2	3669.850	-59.48	-13	Pass
3669.99	3699.99	0.03	/	/	/	/	/	/
3699.99	3700.99	0.03	/	3	3700.225	-41.54	-13	Pass
3700.99	3729.99	1	CHP	4	3726.760	-52.41	-40	Pass



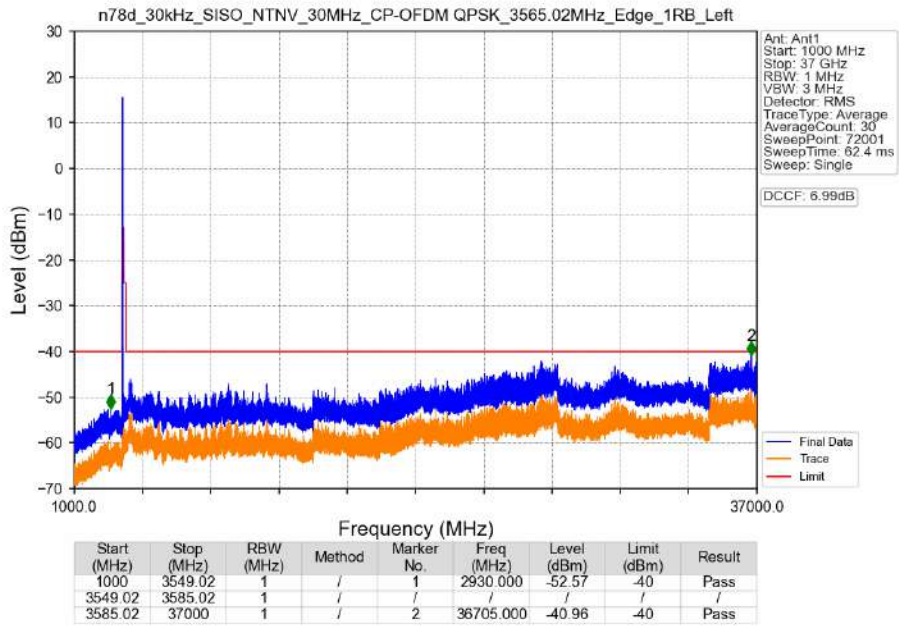
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3565.02MHz\_Edge\_1RB\_Left



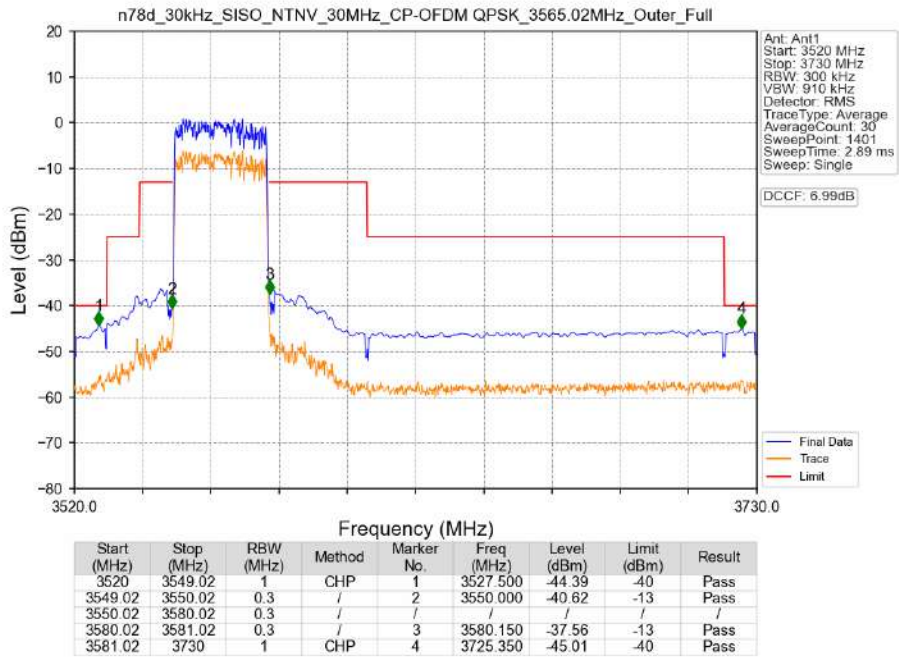
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3565.02MHz\_Edge\_1RB\_Left



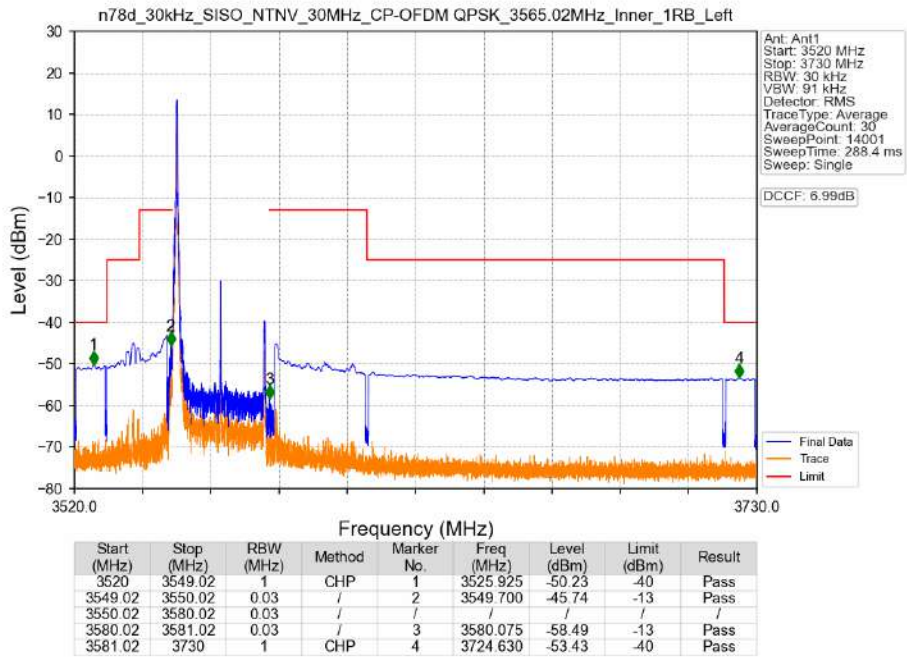
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3565.02MHz\_Edge\_1RB\_Left



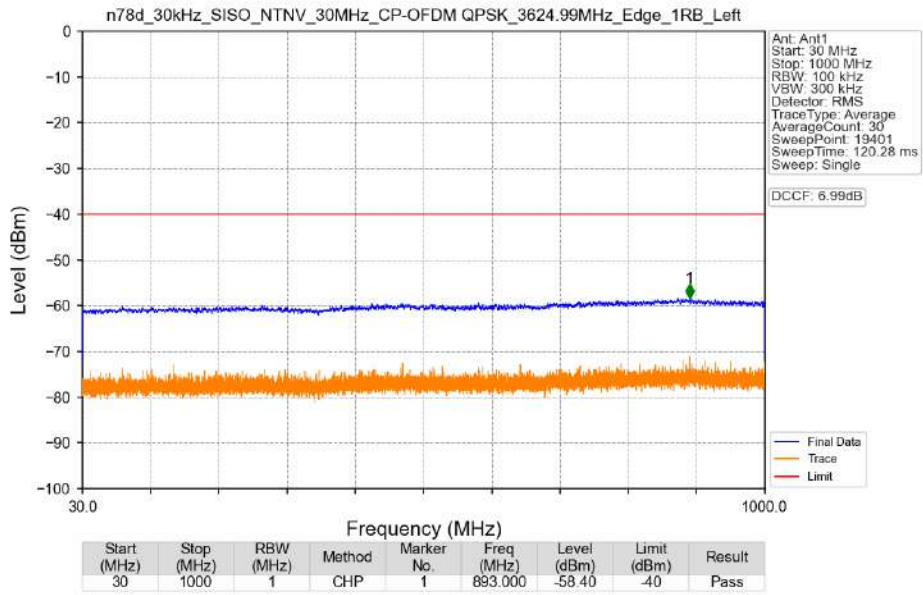
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3565.02MHz\_Outer\_Full



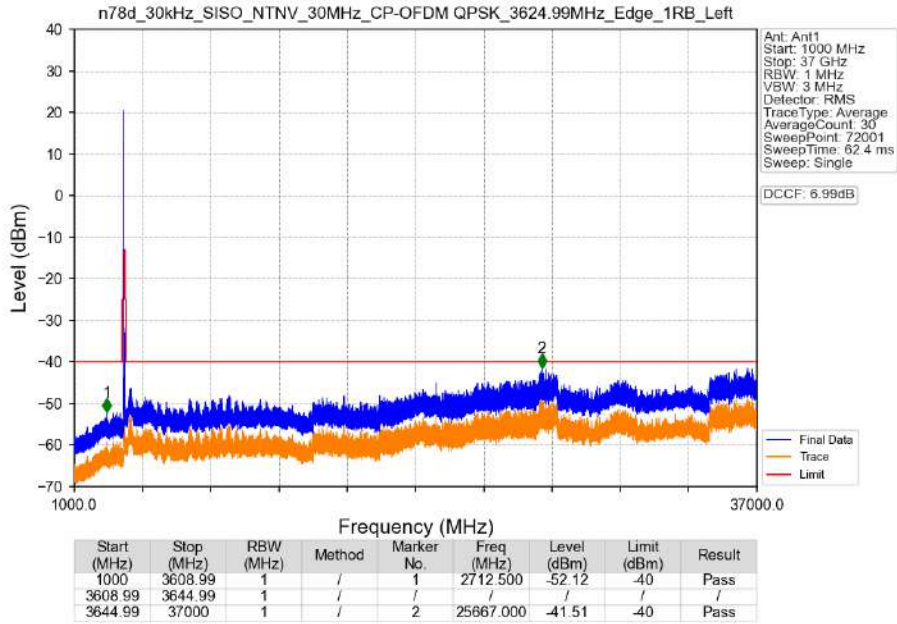
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3565.02MHz\_Inner\_1RB\_Left



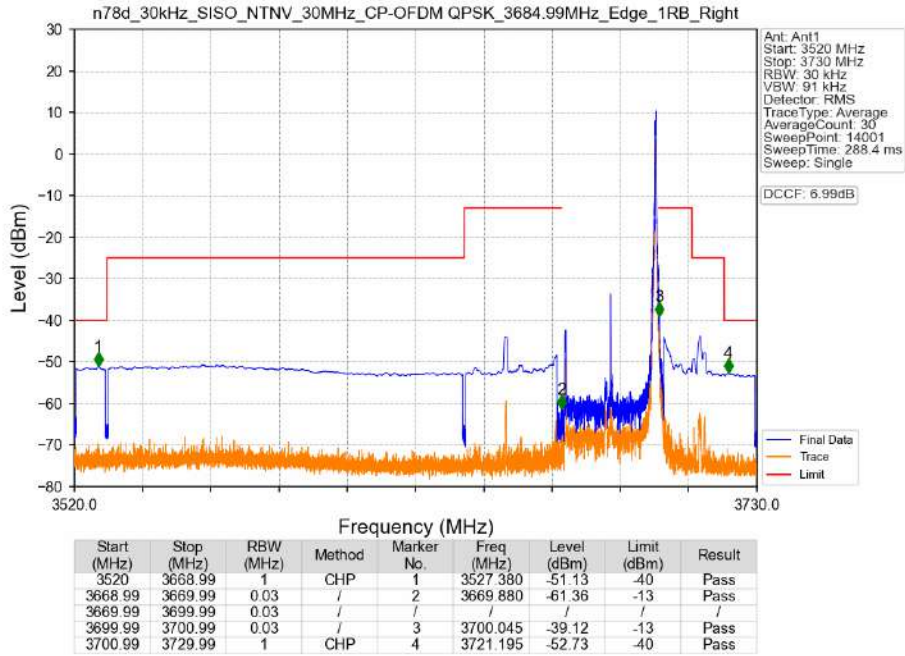
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left



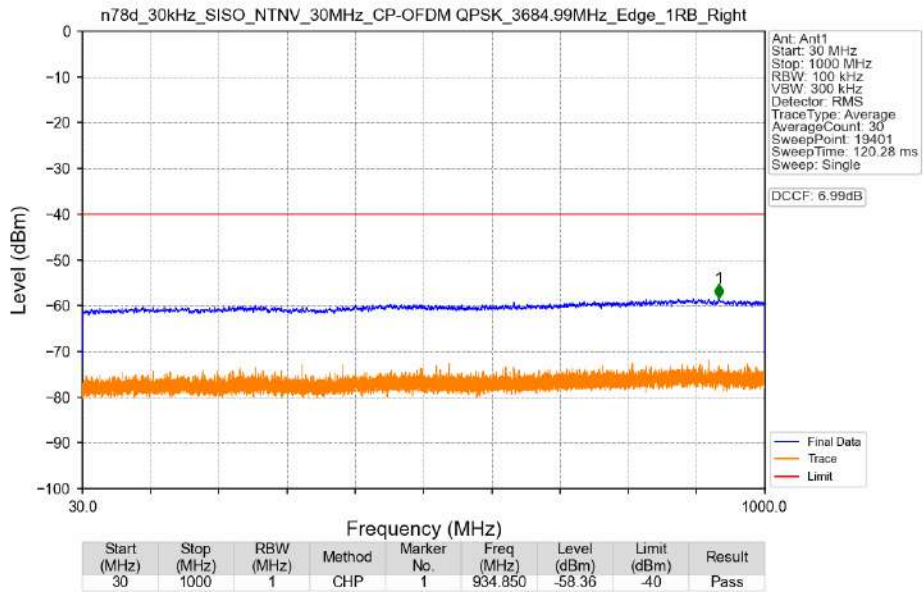
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left



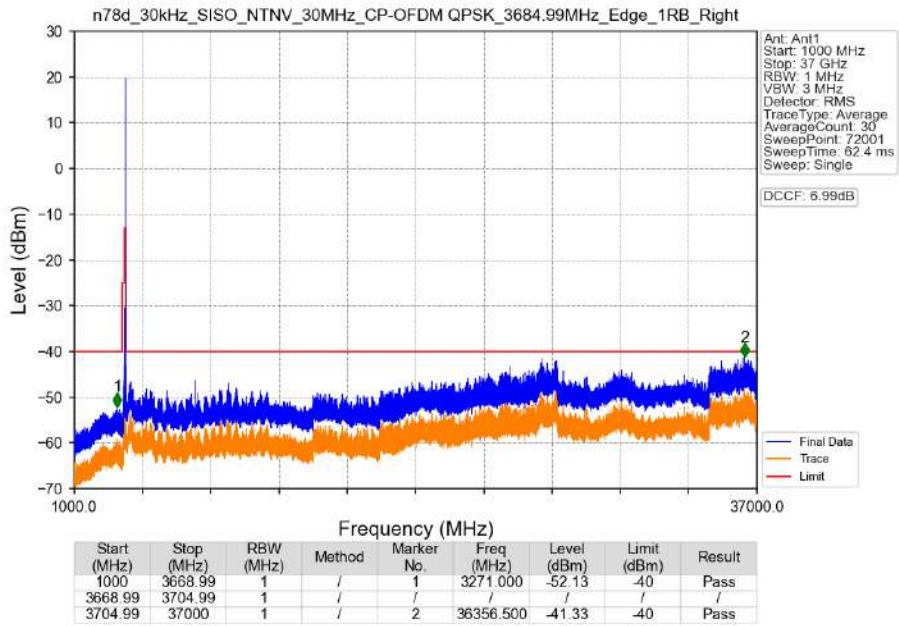
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3684.99MHz\_Edge\_1RB\_Right



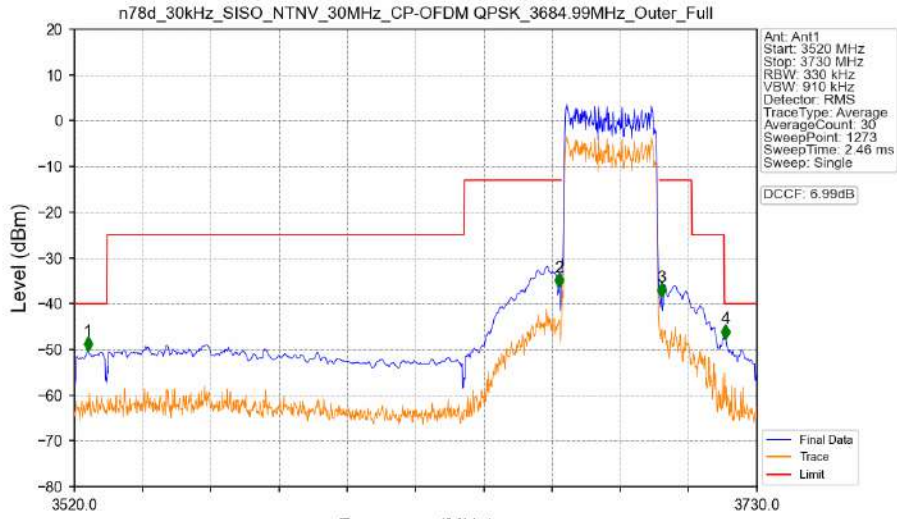
n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3684.99MHz\_Edge\_1RB\_Right



n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM\_QPSK\_3684.99MHz\_Edge\_1RB\_Right

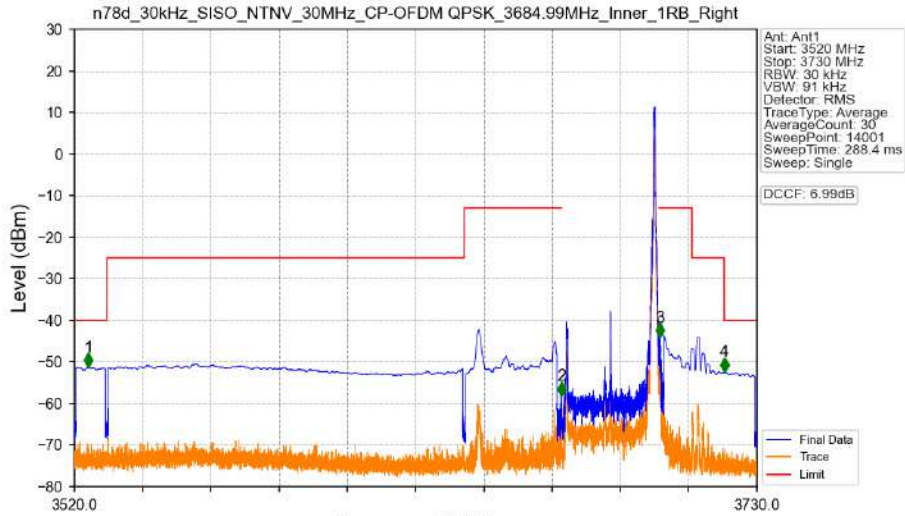


n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3684.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3668.99	1	CHP	1	3524.127	-50.41	-40	Pass
3668.99	3669.99	0.33	/	2	3669.245	-36.45	-13	Pass
3669.99	3700.99	0.33	/	3	3700.778	-38.55	-13	Pass
3700.99	3729.99	1	CHP	4	3720.425	-47.66	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_30MHz\_CP-OFDM QPSK\_3684.99MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3668.99	1	CHP	1	3524.305	-51.25	-40	Pass
3668.99	3669.99	0.03	/	2	3669.865	-58.19	-13	Pass
3669.99	3700.99	0.03	/	3	3700.240	-44.18	-13	Pass
3700.99	3729.99	1	CHP	4	3720.040	-52.38	-40	Pass

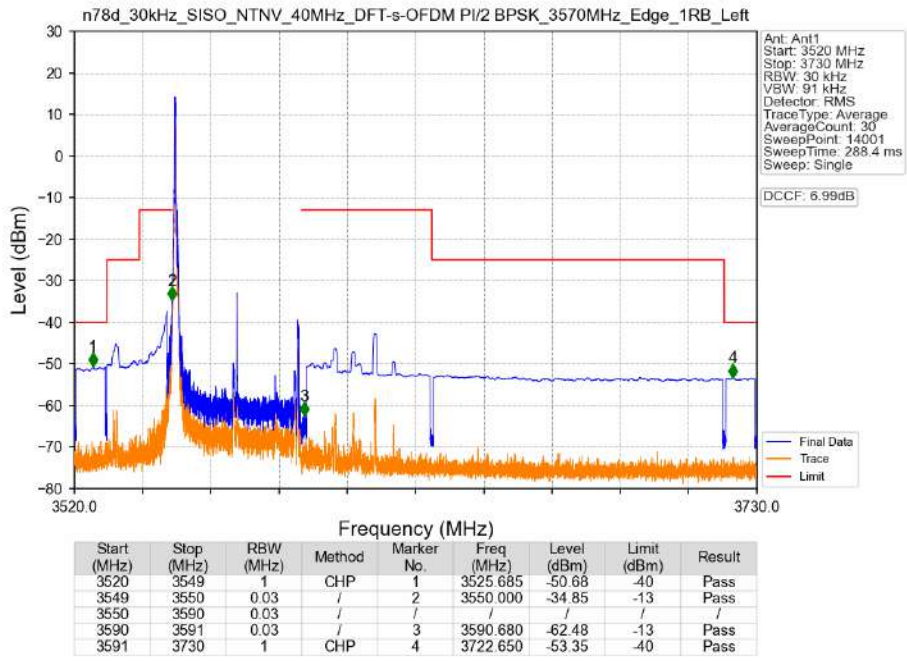
## 5.3 30k\_SISO\_40MHz\_NTNV

### 5.3.1 Test Result

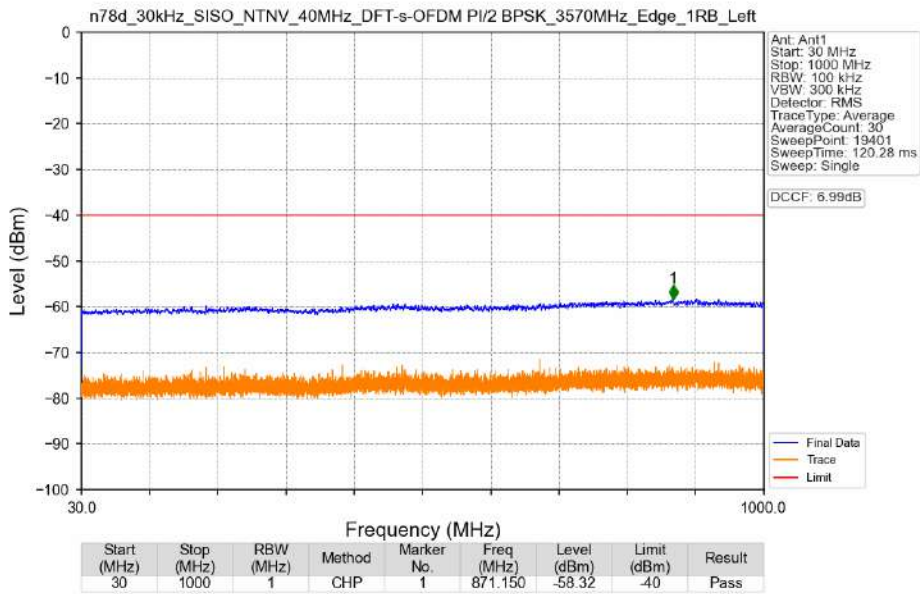
5G NR n78d SCS=30kHz SISO 40MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3624.99	3679.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
		3570	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	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	
	3679.98	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	3570	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	
	3679.98	Inner_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Right	Refer To Test Graph				Pass	

### 1.3.2 Test Graph

n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3570MHz\_Edge\_1RB\_Left

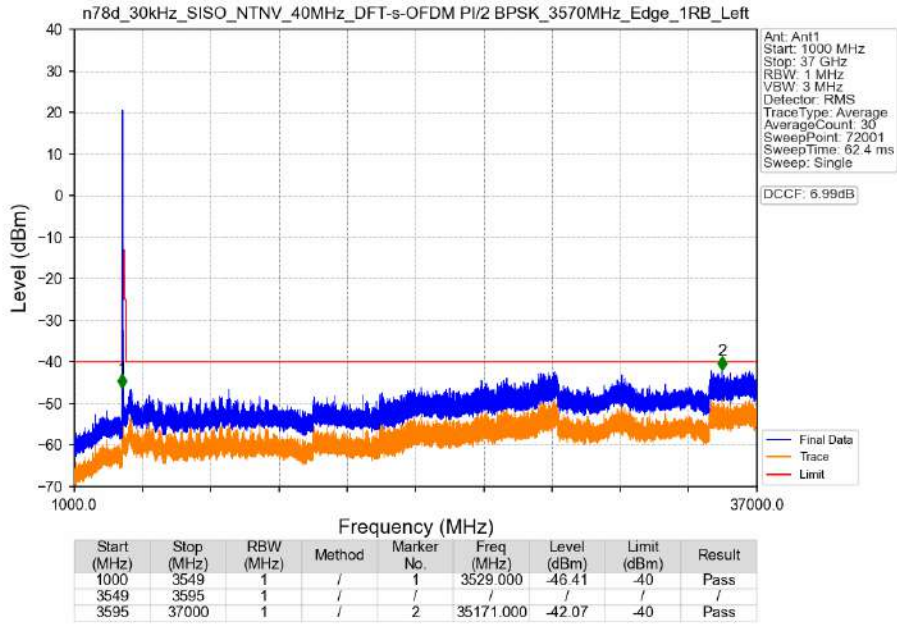


n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3570MHz\_Edge\_1RB\_Left

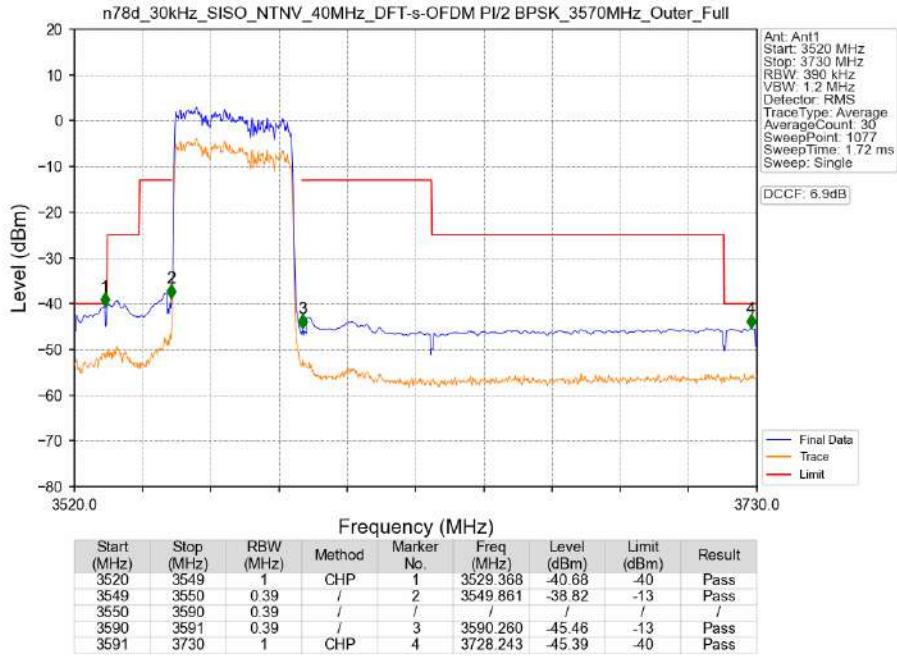




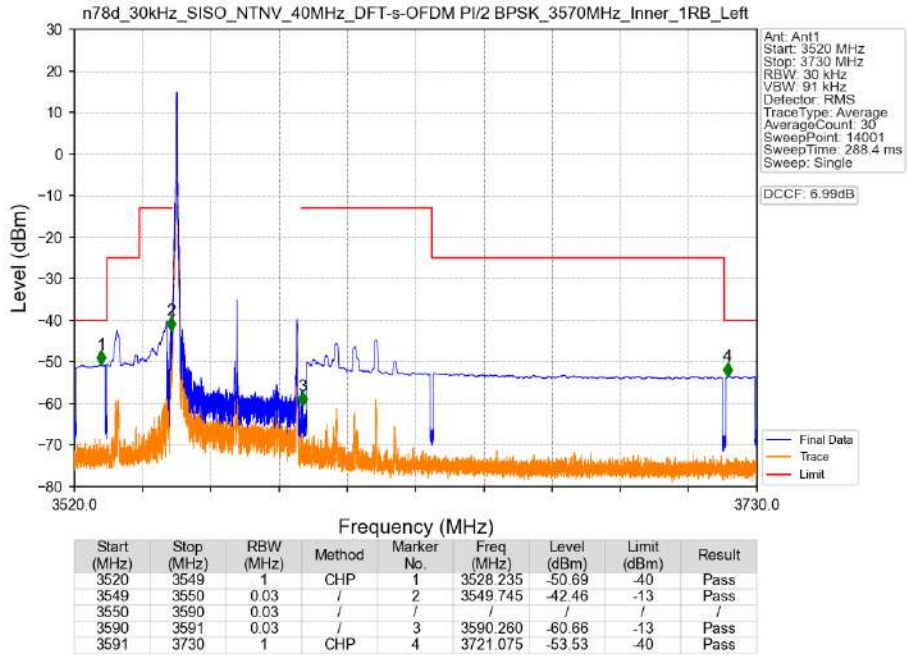
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3570MHz\_Edge\_1RB\_Left



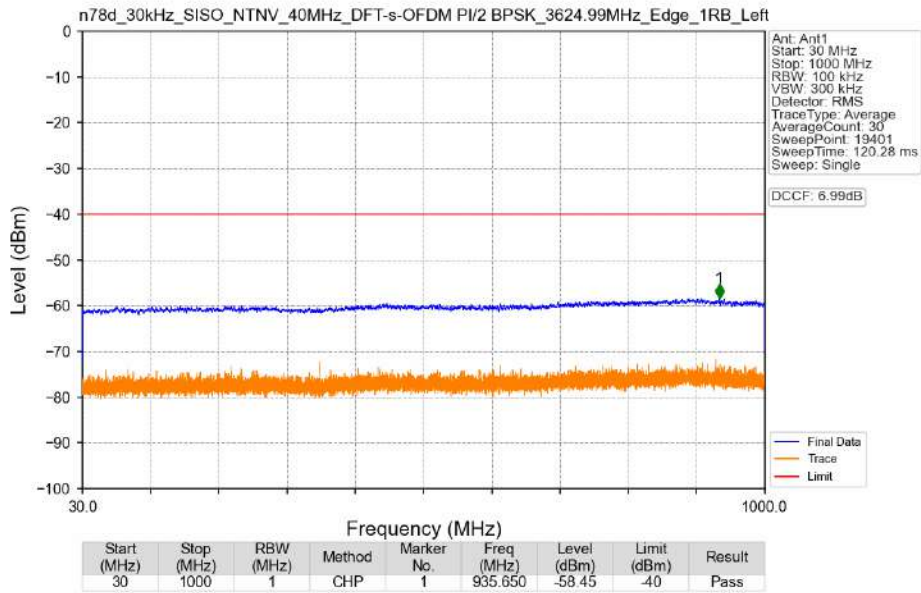
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3570MHz\_Outer\_Full



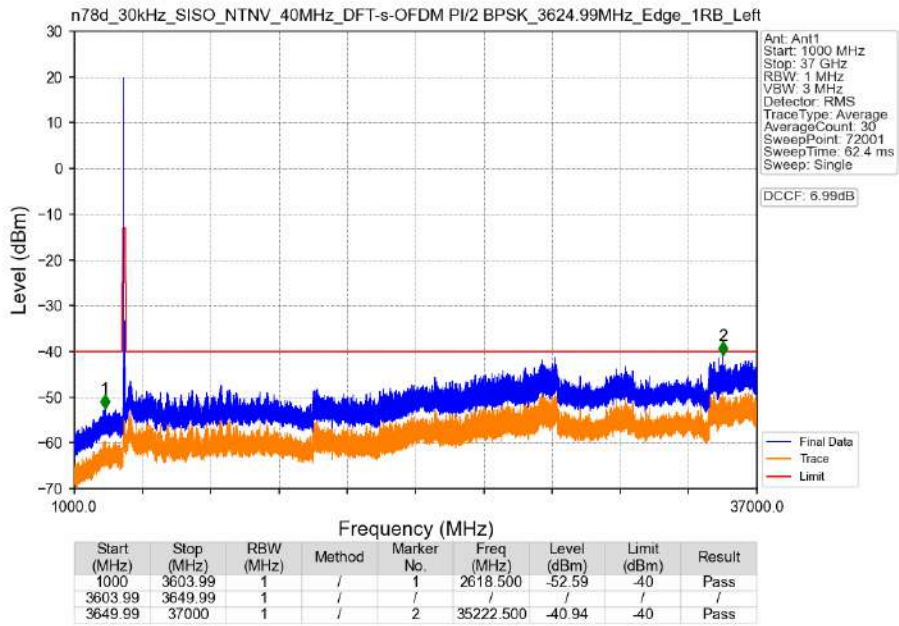
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3570MHz\_Inner\_1RB\_Left



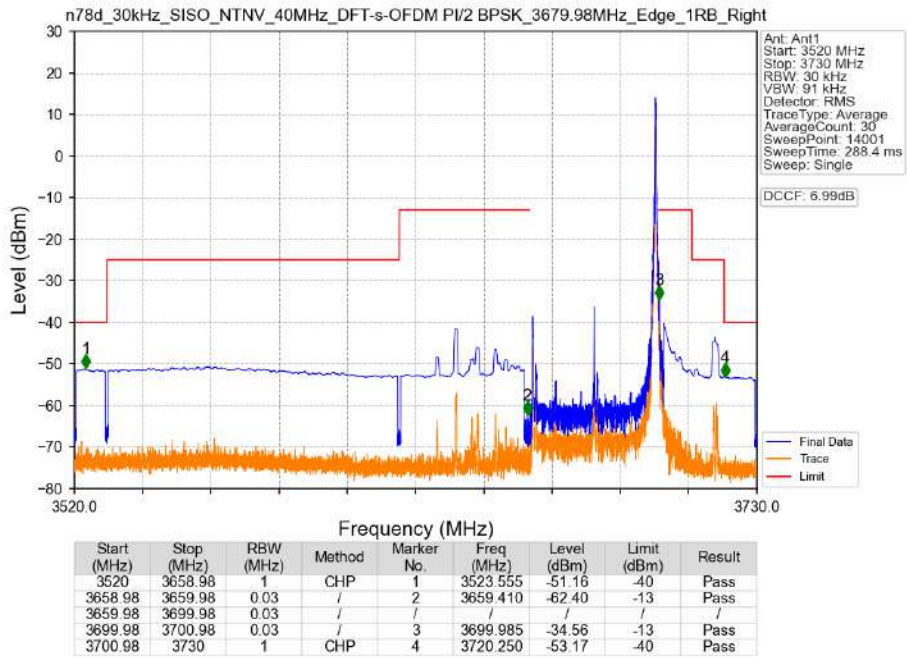
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left



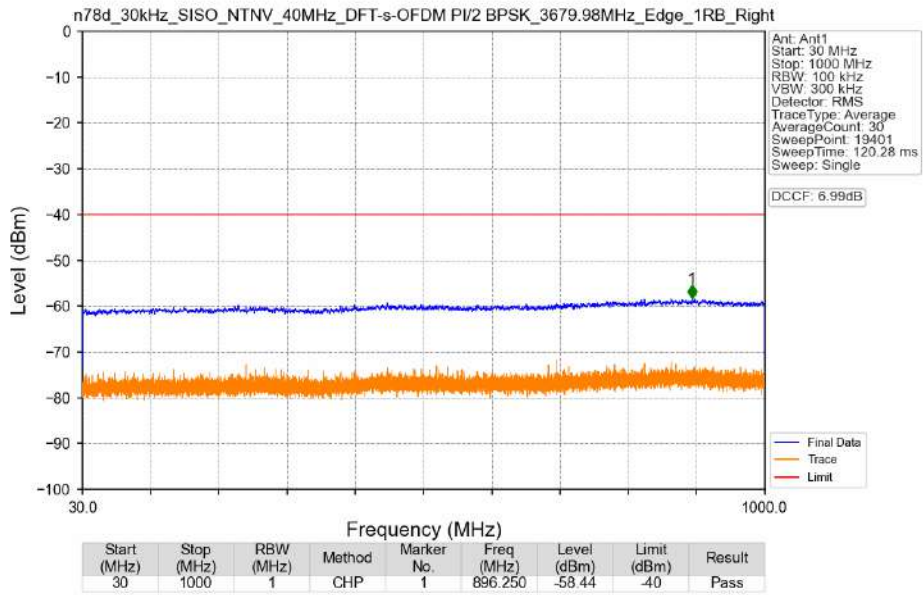
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left



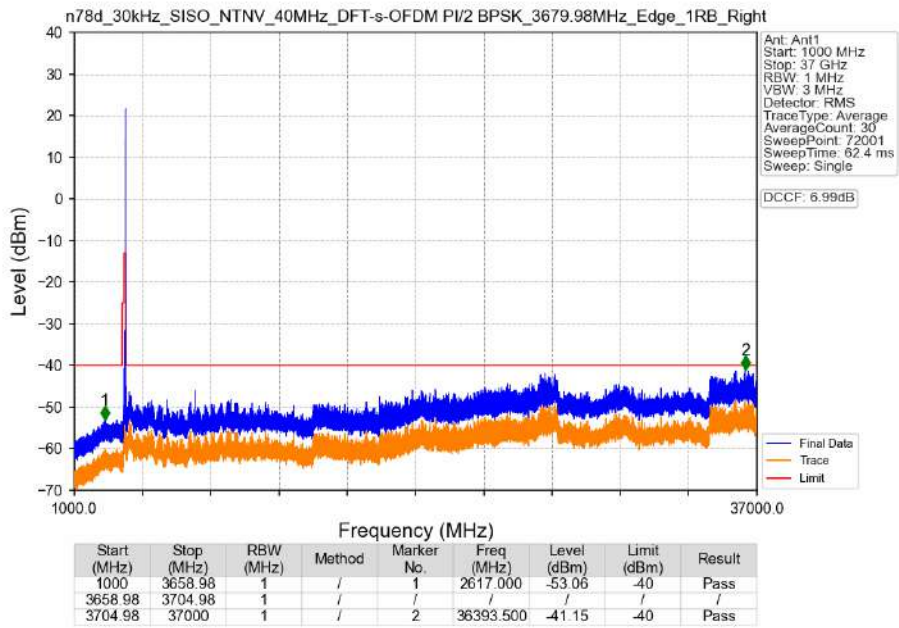
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Edge\_1RB\_Right



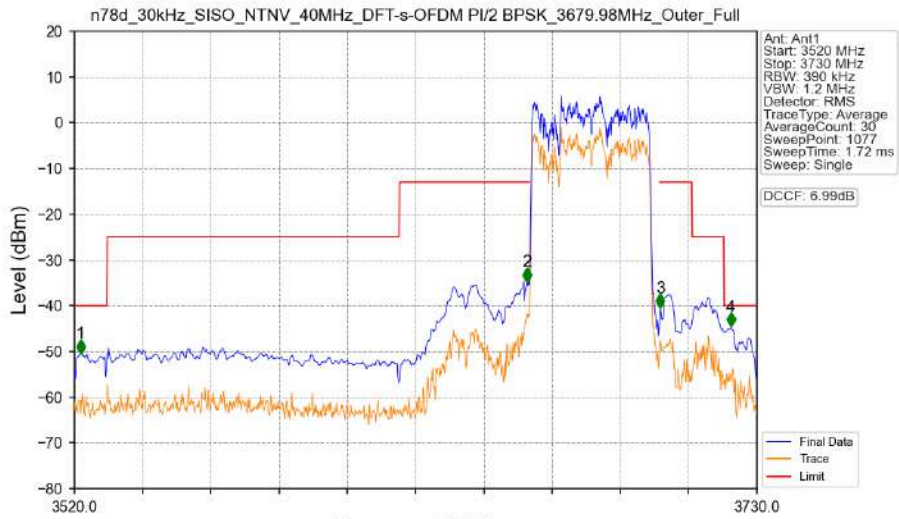
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Edge\_1RB\_Right



n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Edge\_1RB\_Right

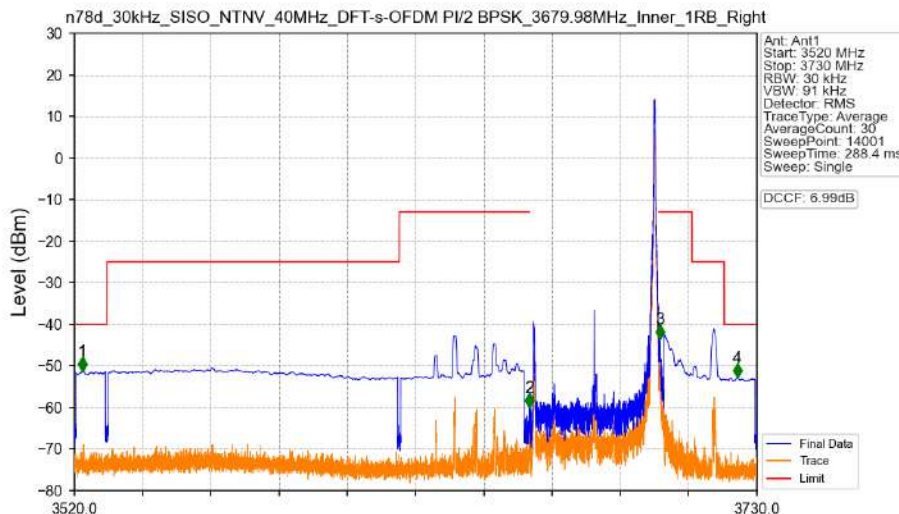


n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Outer\_Full



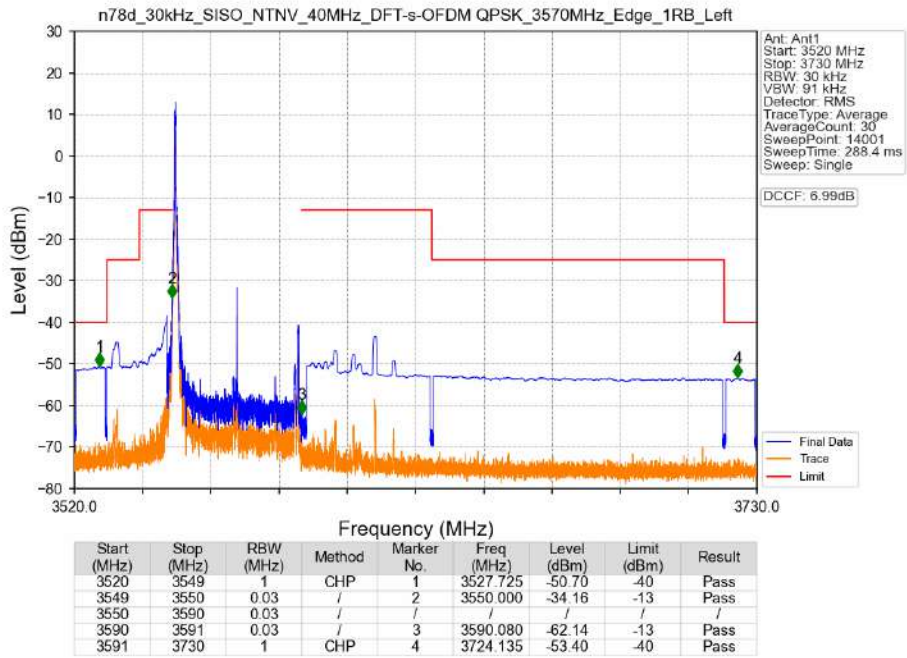
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3521.952	-50.46	-40	Pass
3658.98	3659.98	0.39	/	2	3659.349	-34.78	-13	Pass
3659.98	3699.98	0.39	/	/	/	/	/	/
3699.98	3700.98	0.39	/	3	3700.335	-40.56	-13	Pass
3700.98	3730	1	CHP	4	3721.998	-44.61	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Inner\_1RB\_Right

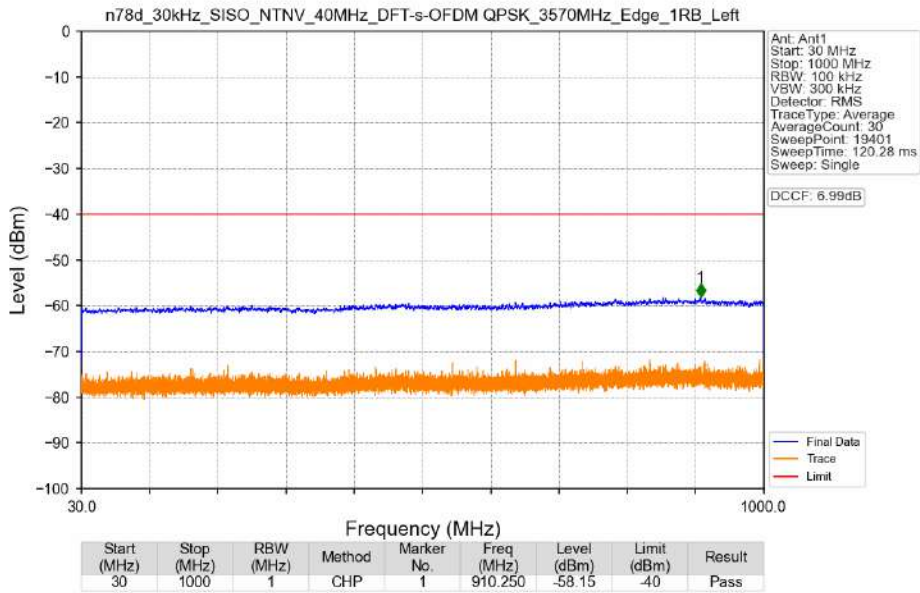


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3522.445	-51.24	-40	Pass
3658.98	3659.98	0.03	/	2	3659.950	-60.01	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.285	-43.56	-13	Pass
3700.98	3730	1	CHP	4	3724.015	-52.87	-40	Pass

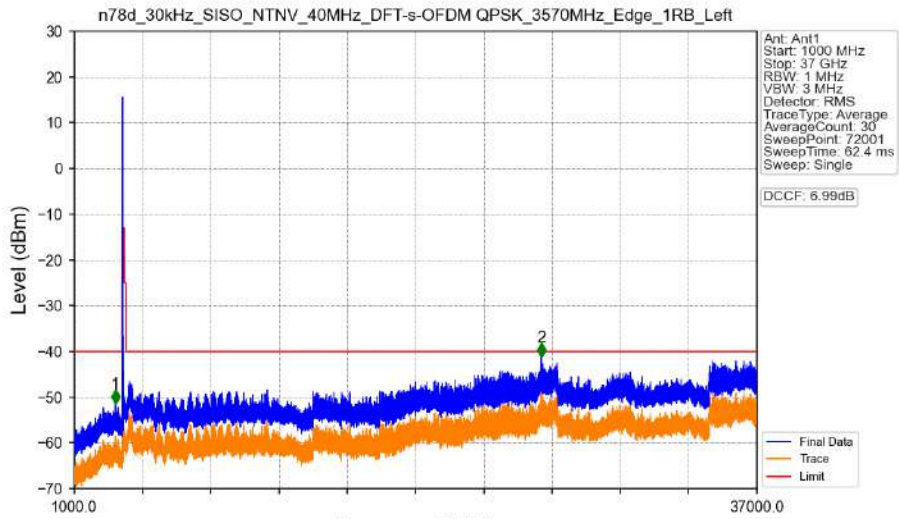
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left



n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left

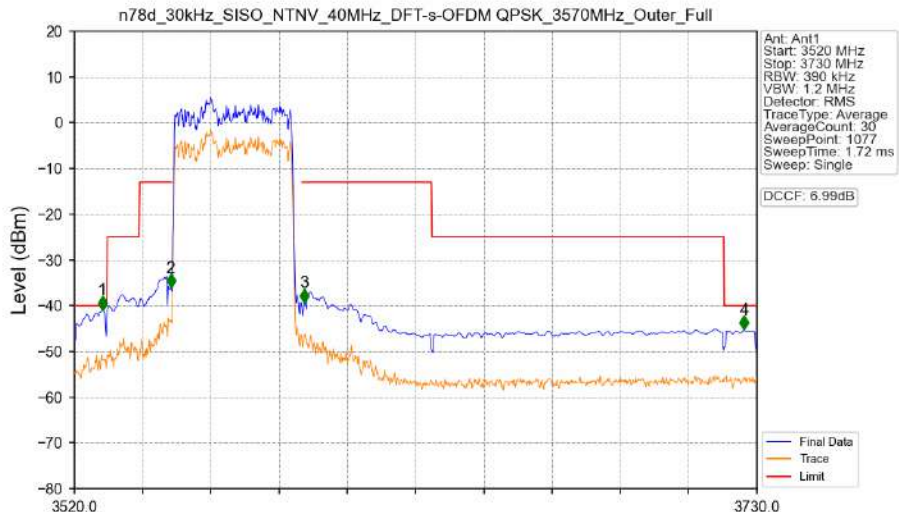


n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left



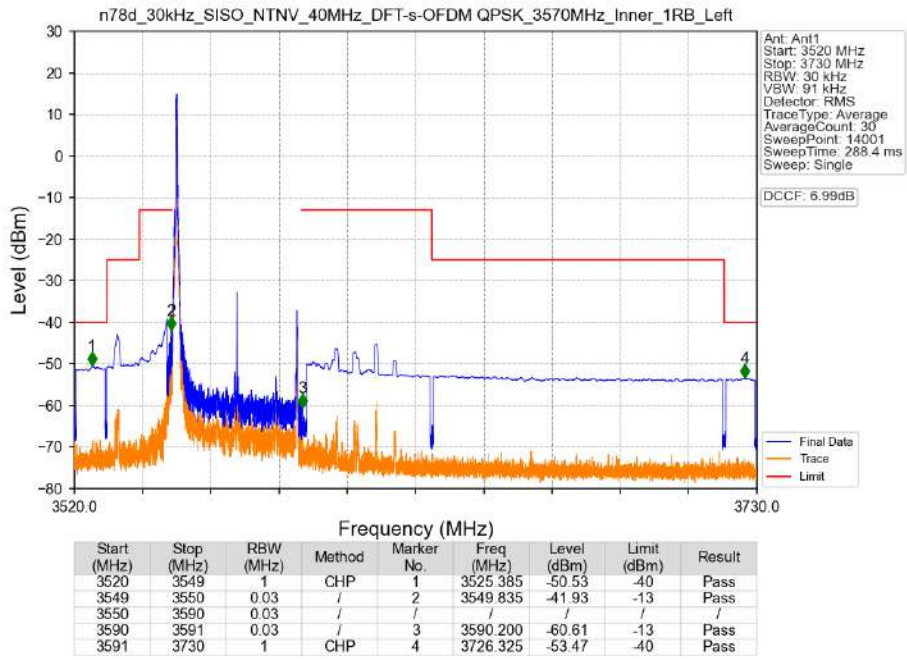
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3170.500	-51.53	-40	Pass
3549	3595	1	/	/	/	/	/	/
3595	37000	1	/	2	25633.500	-41.21	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Outer\_Full

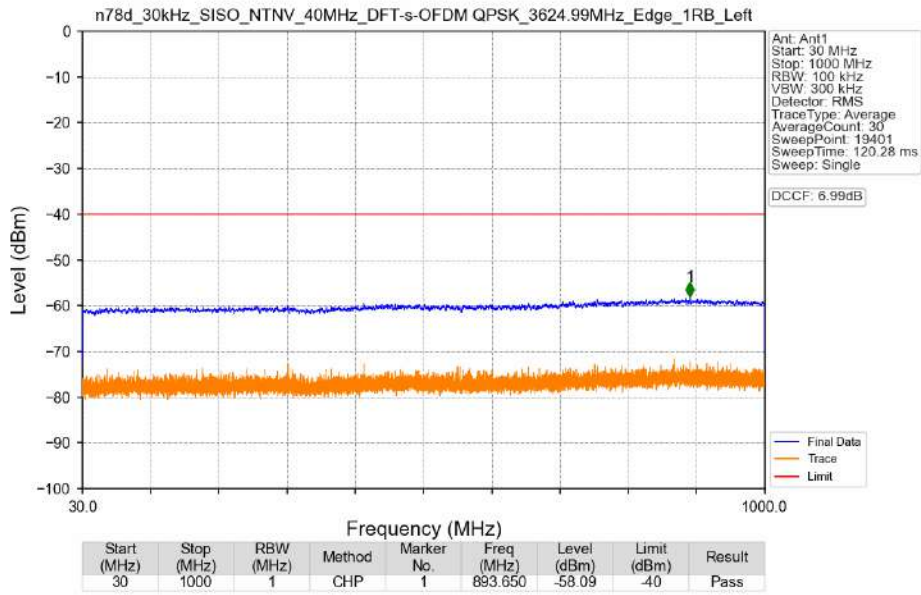


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.587	-40.94	-40	Pass
3549	3550	0.39	/	2	3549.665	-36.06	-13	Pass
3550	3590	0.39	/	/	/	/	/	/
3590	3591	0.39	/	3	3590.846	-39.35	-13	Pass
3591	3730	1	CHP	4	3726.097	-45.32	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3570MHz\_Inner\_1RB\_Left

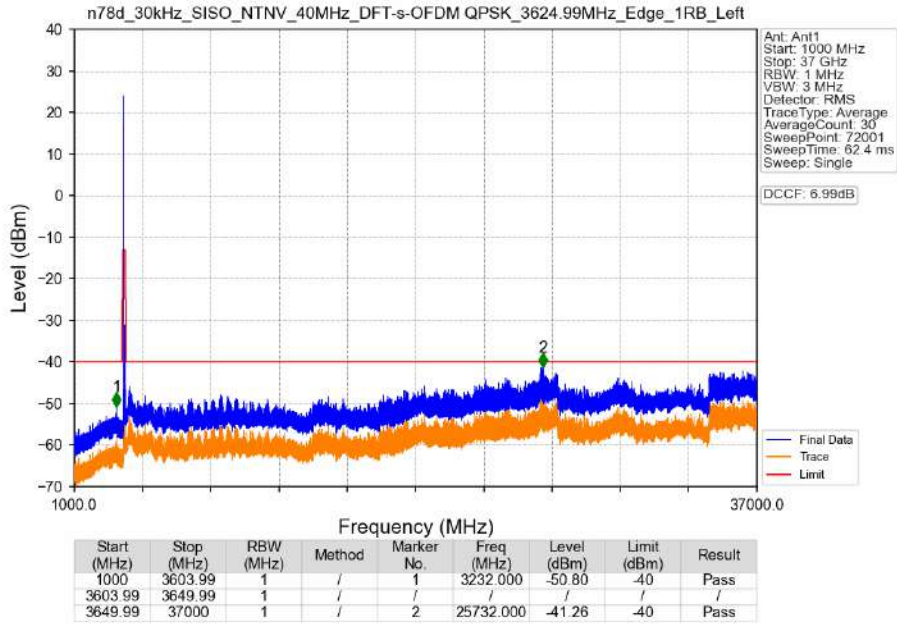


n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left

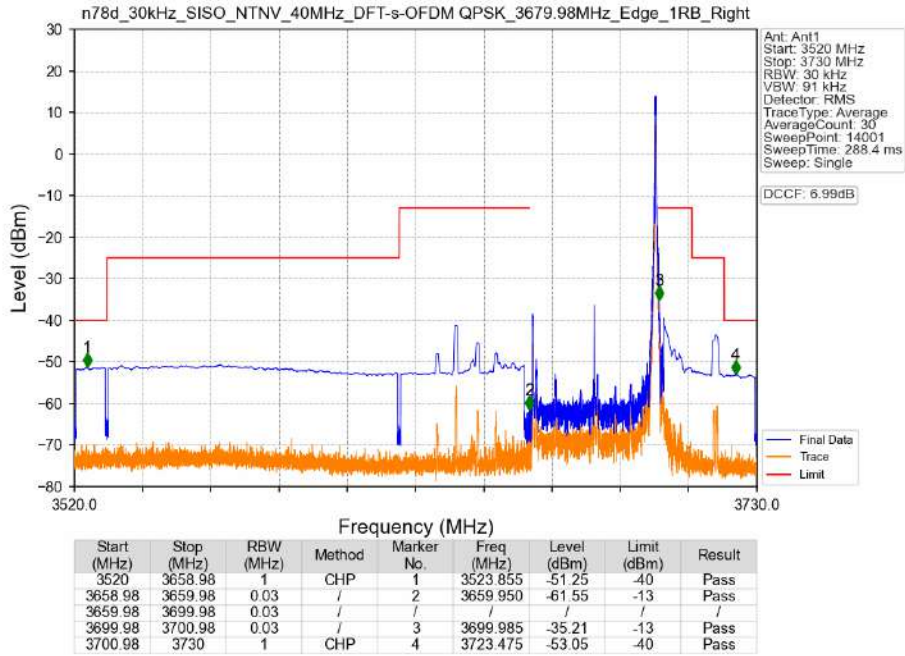




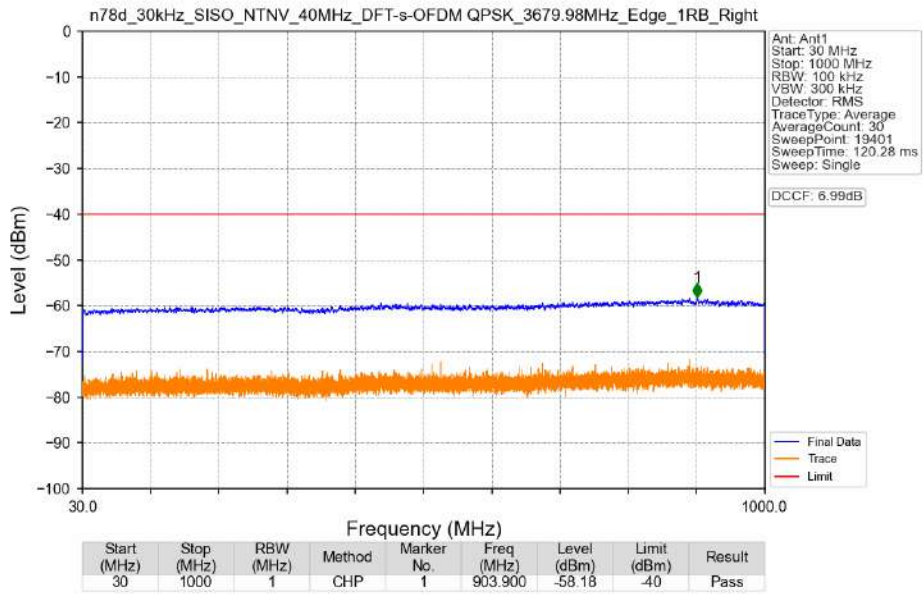
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3624.99MHz\_Edge\_1RB\_Left



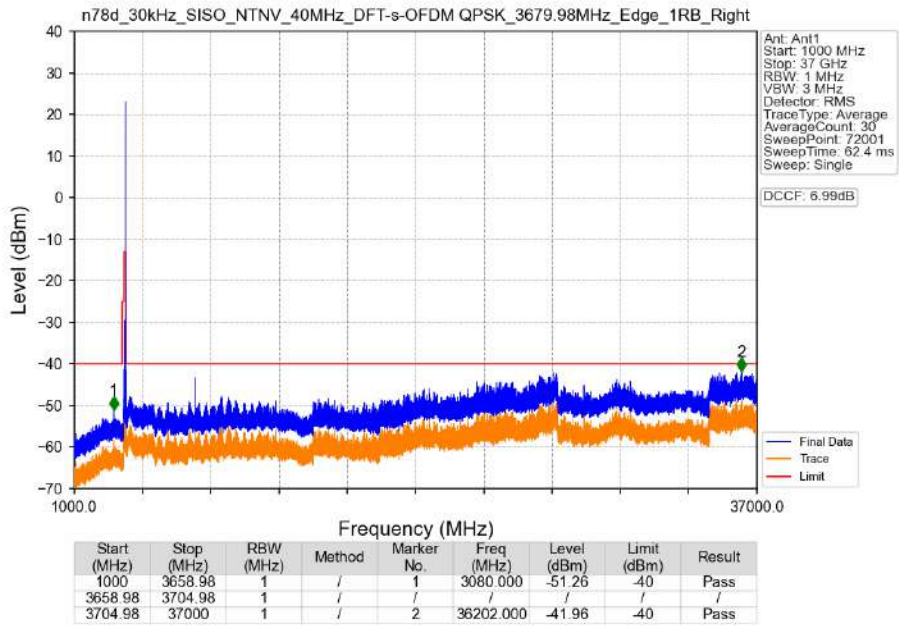
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3679.98MHz\_Edge\_1RB\_Right



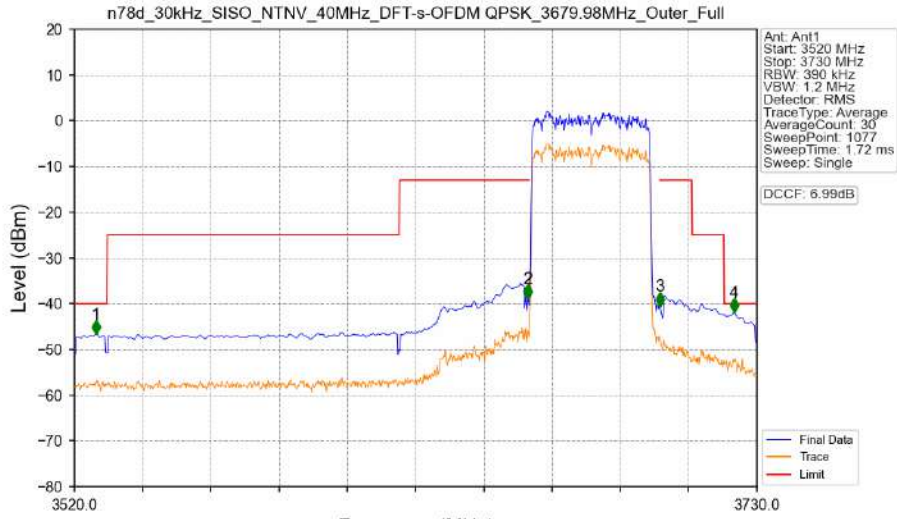
n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3679.98MHz\_Edge\_1RB\_Right



n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3679.98MHz\_Edge\_1RB\_Right

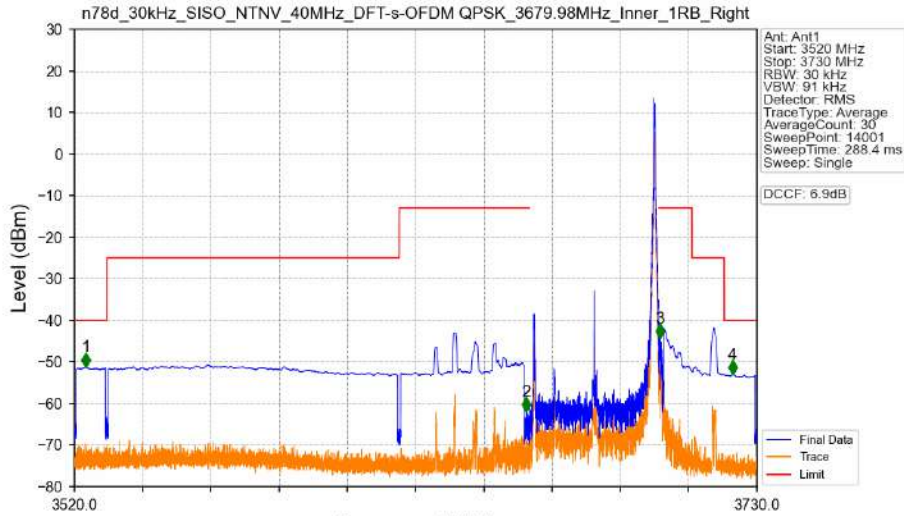


n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3679.98MHz\_Outer\_Full



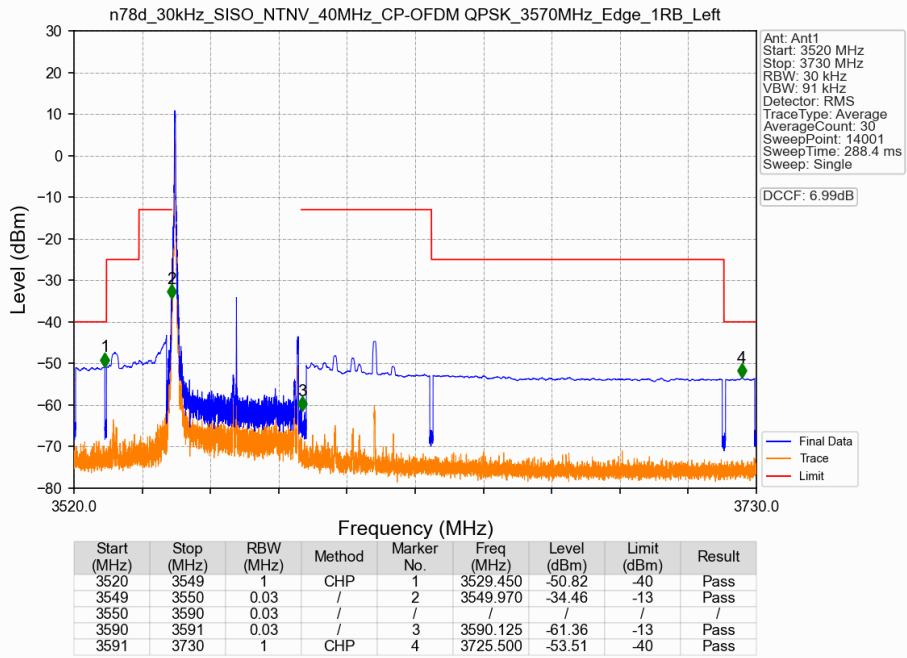
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3526.636	-46.62	-40	Pass
3658.98	3659.98	0.39	/	2	3659.545	-38.97	-13	Pass
3659.98	3699.98	0.39	/	/	/	/	/	/
3699.98	3700.98	0.39	/	3	3700.139	-40.58	-13	Pass
3700.98	3730	1	CHP	4	3722.974	-41.88	-40	Pass

n78d\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3679.98MHz\_Inner\_1RB\_Right

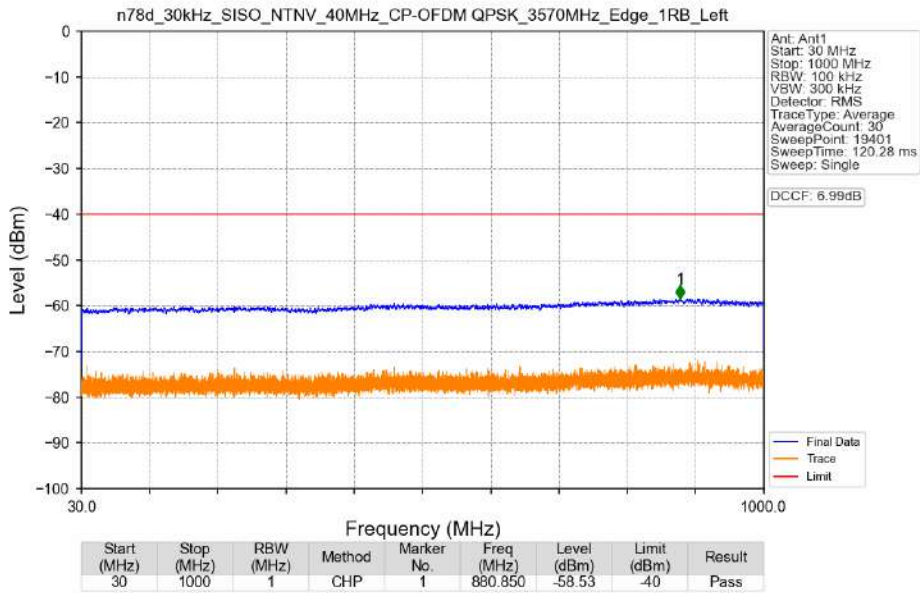


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3523.555	-51.21	-40	Pass
3658.98	3659.98	0.03	/	2	3659.110	-62.03	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.210	-44.26	-13	Pass
3700.98	3730	1	CHP	4	3722.530	-52.99	-40	Pass

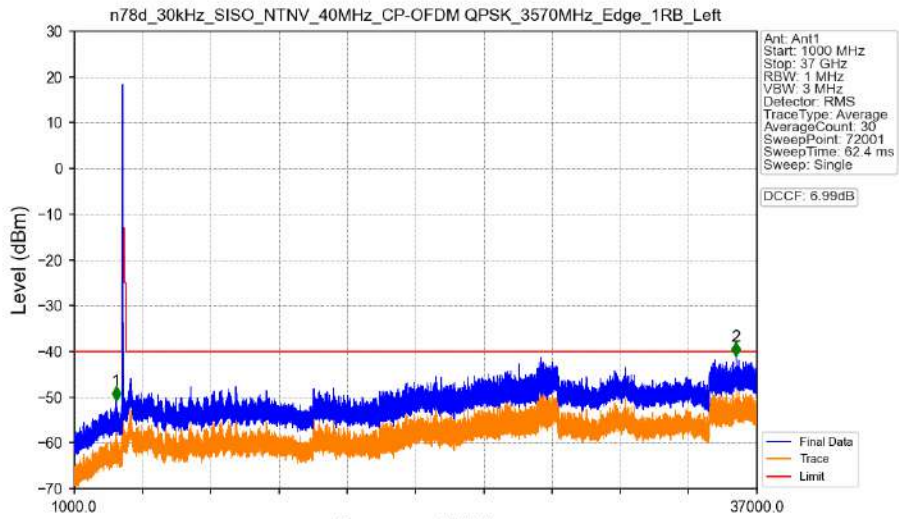
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left



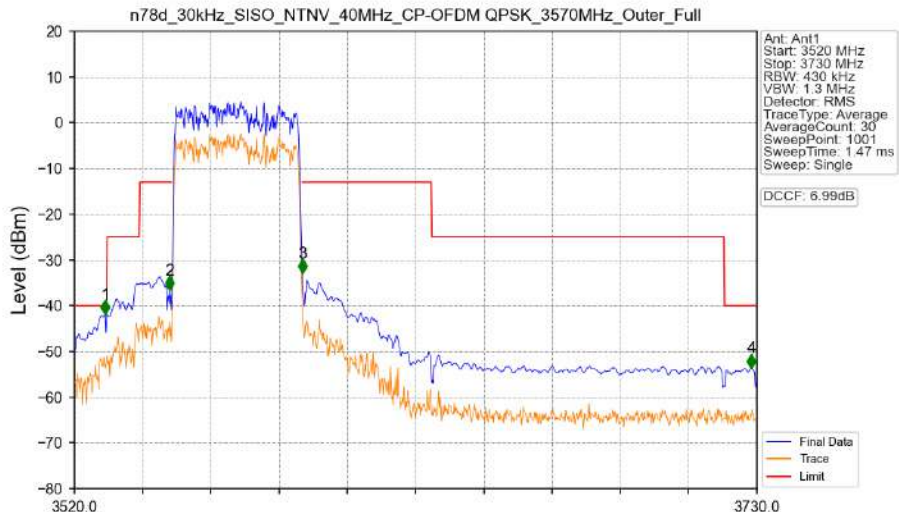
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left



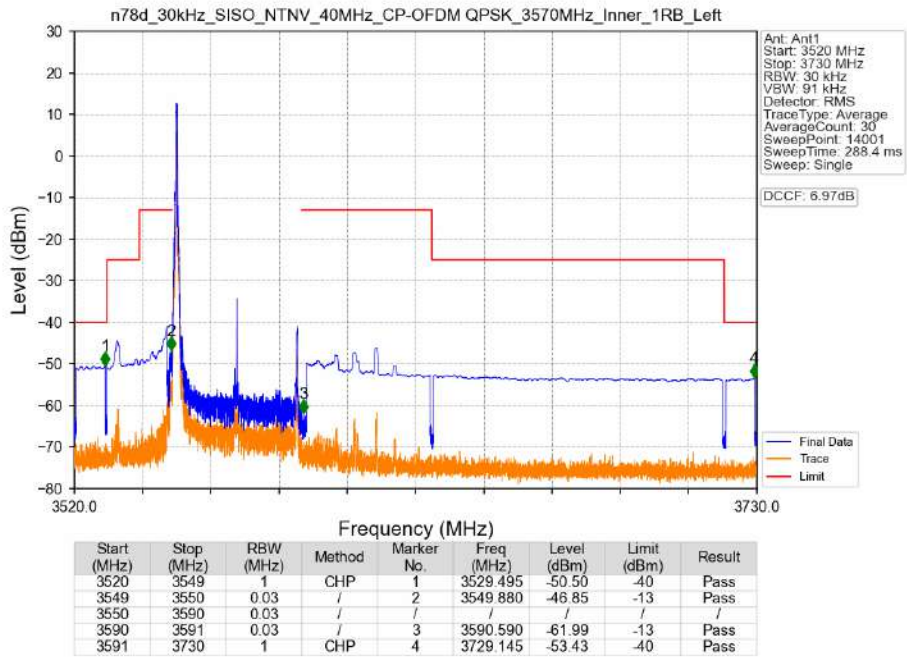
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3570MHz\_Edge\_1RB\_Left



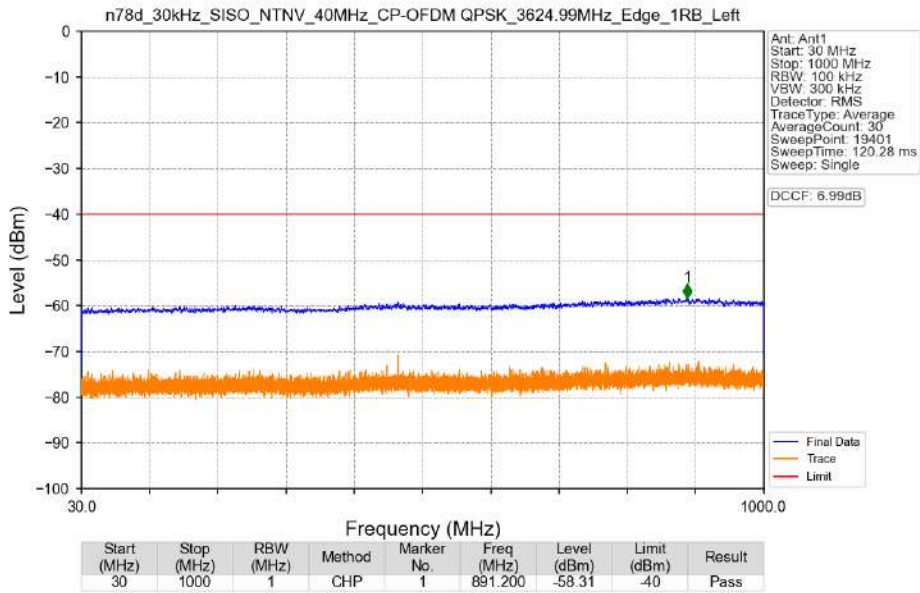
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3570MHz\_Outer\_Full



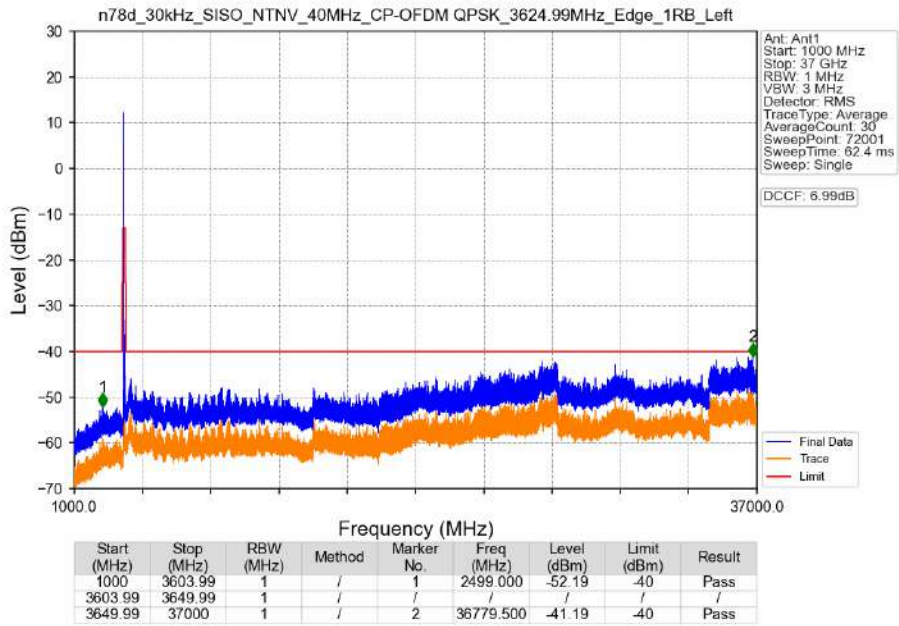
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3570MHz\_Inner\_1RB\_Left



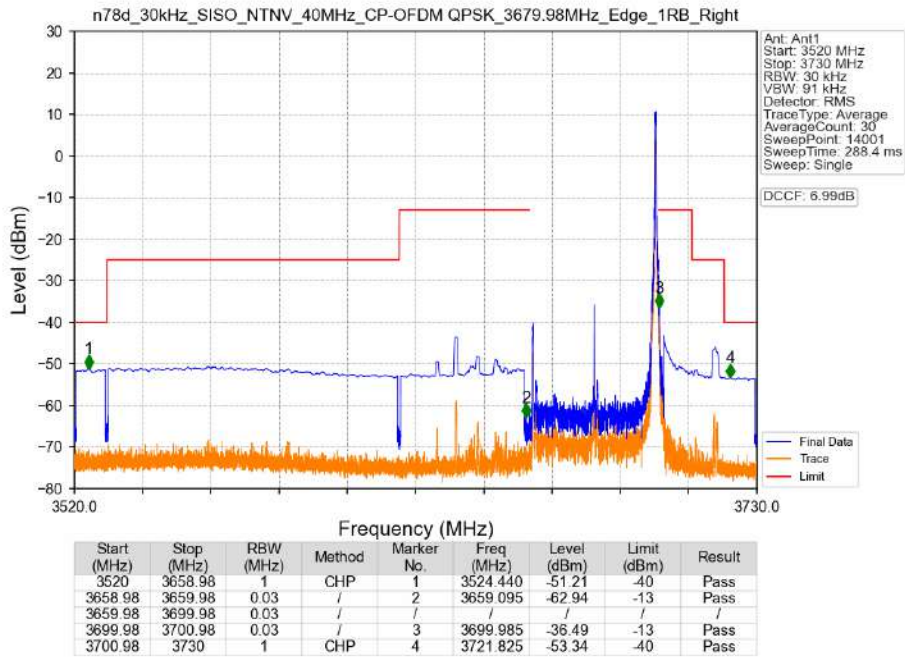
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left



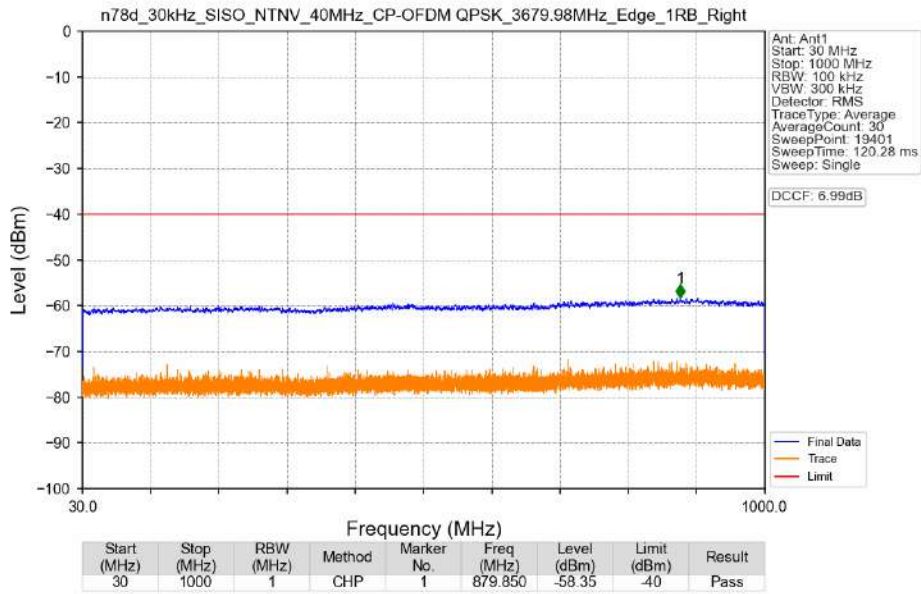
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left



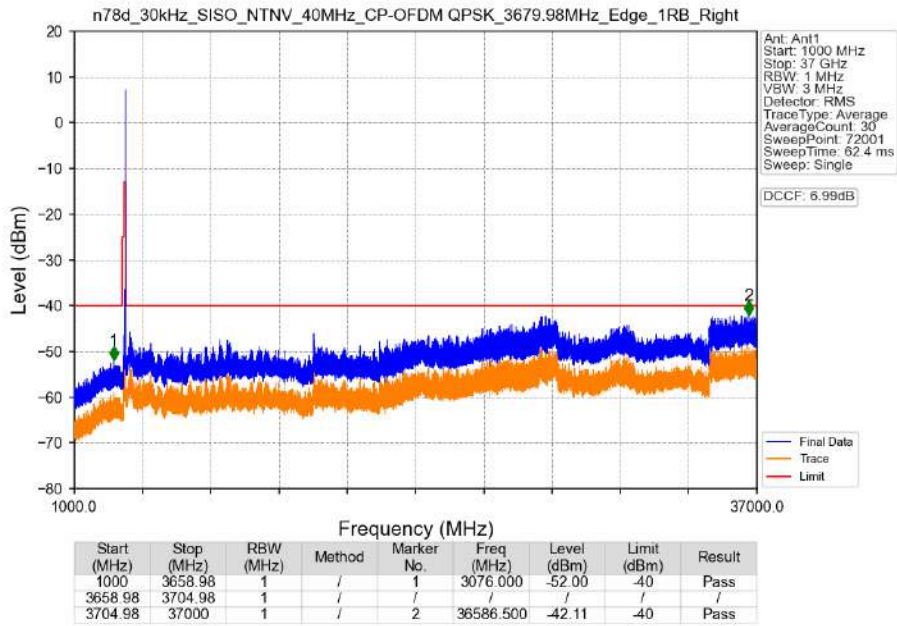
n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3679.98MHz\_Edge\_1RB\_Right



n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3679.98MHz\_Edge\_1RB\_Right

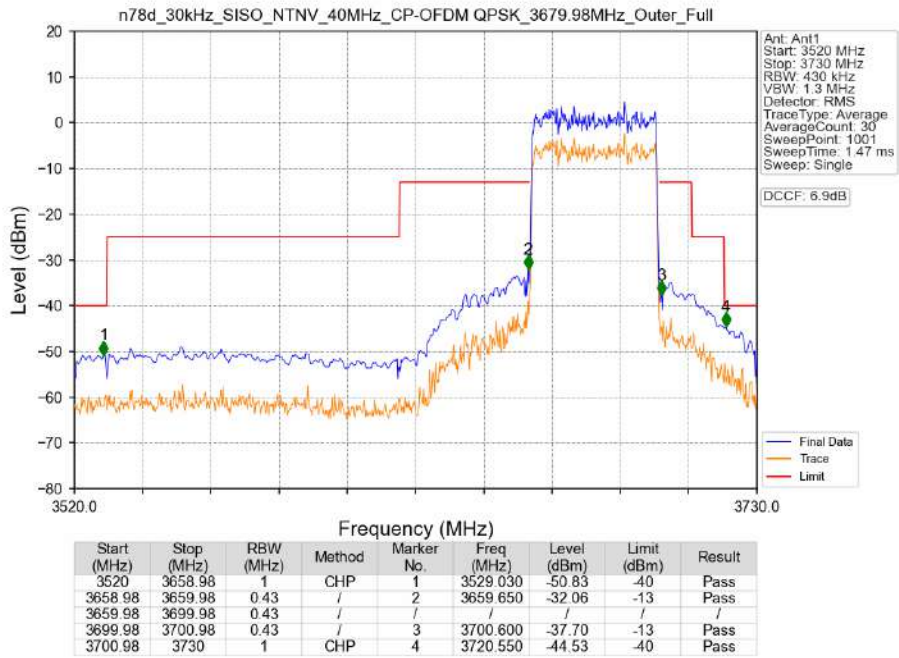


n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3679.98MHz\_Edge\_1RB\_Right

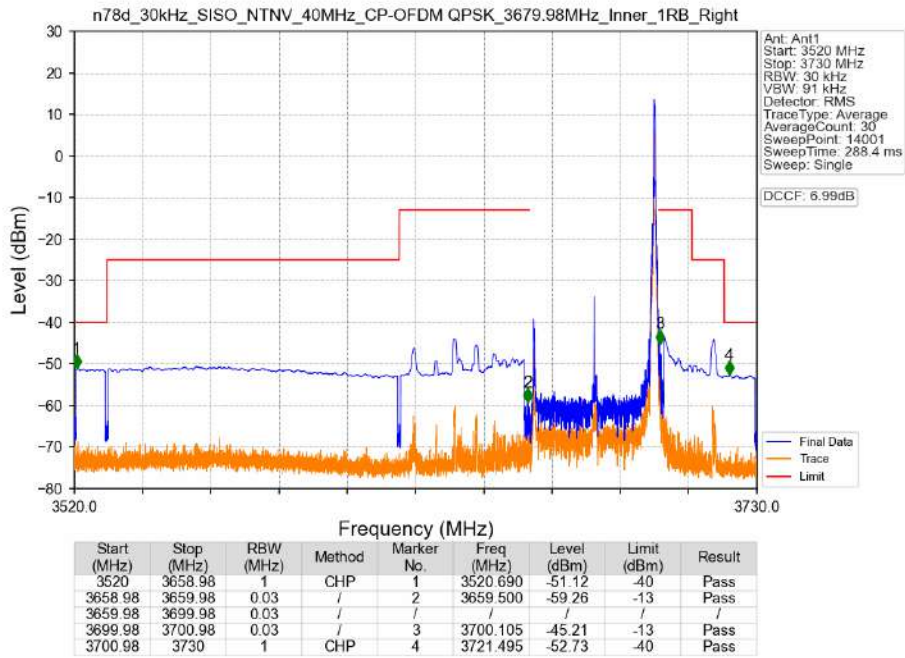




n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3679.98MHz\_Outer\_Full



n78d\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3679.98MHz\_Inner\_1RB\_Right



## 5.4 30k\_SISO\_50MHz\_NTNV

### 5.4.1 Test Result

5G NR n78d SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3575.01	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
	3675	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	3575.01	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_Right	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3675	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3575.01	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_Right	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3675	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass