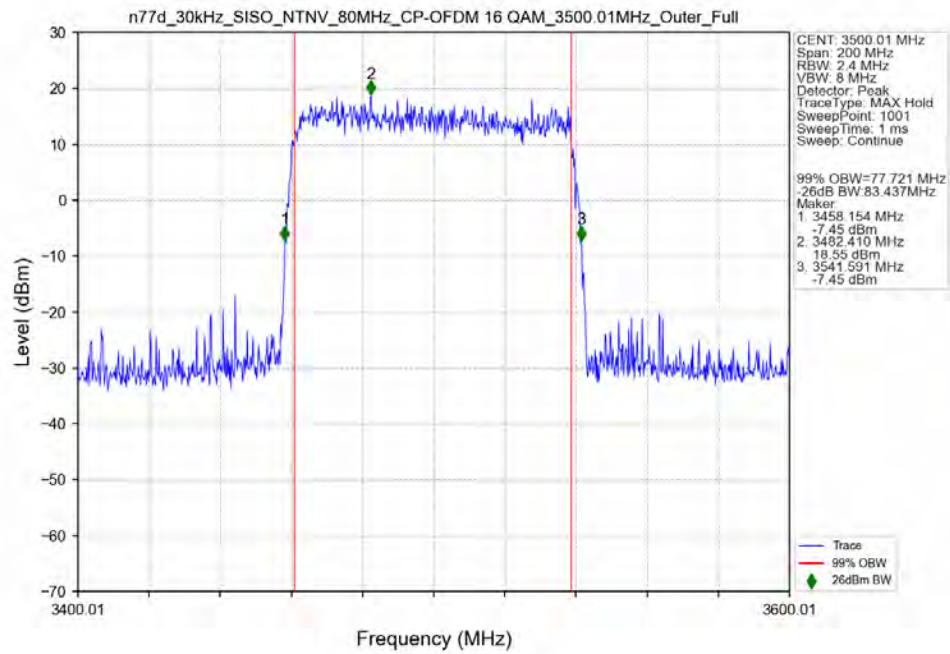
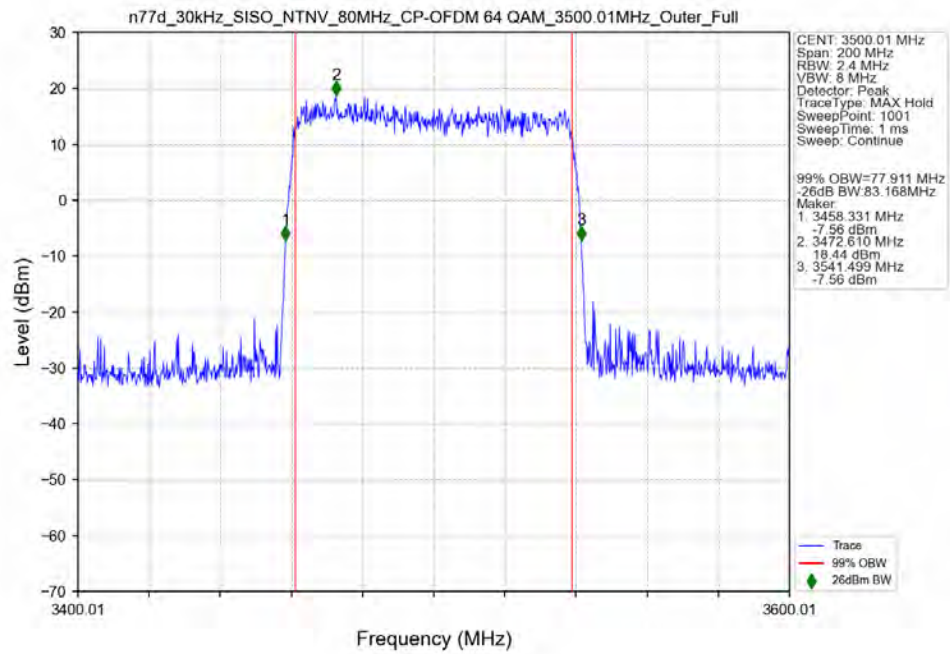


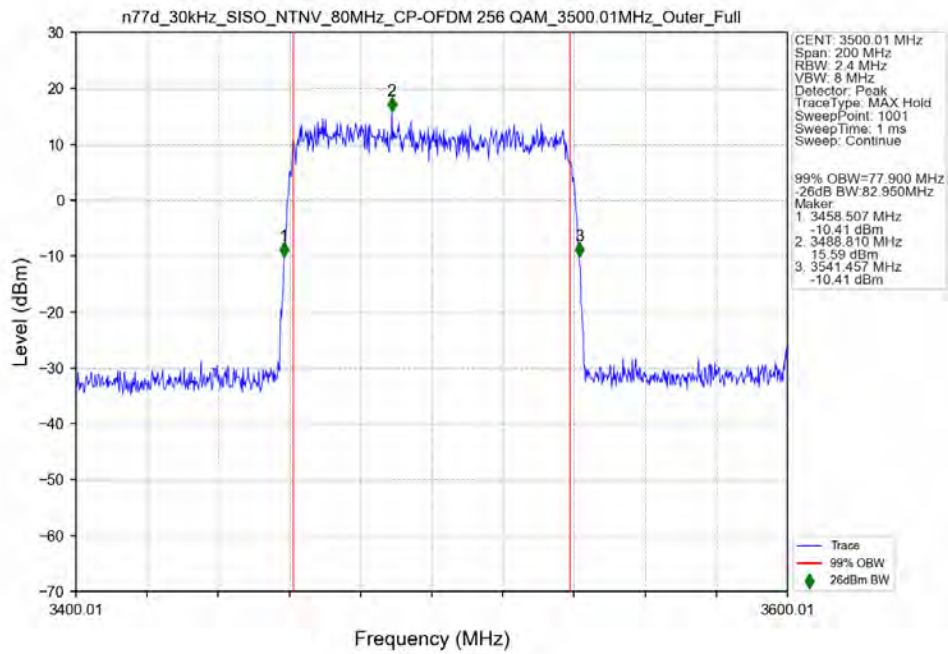
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant0



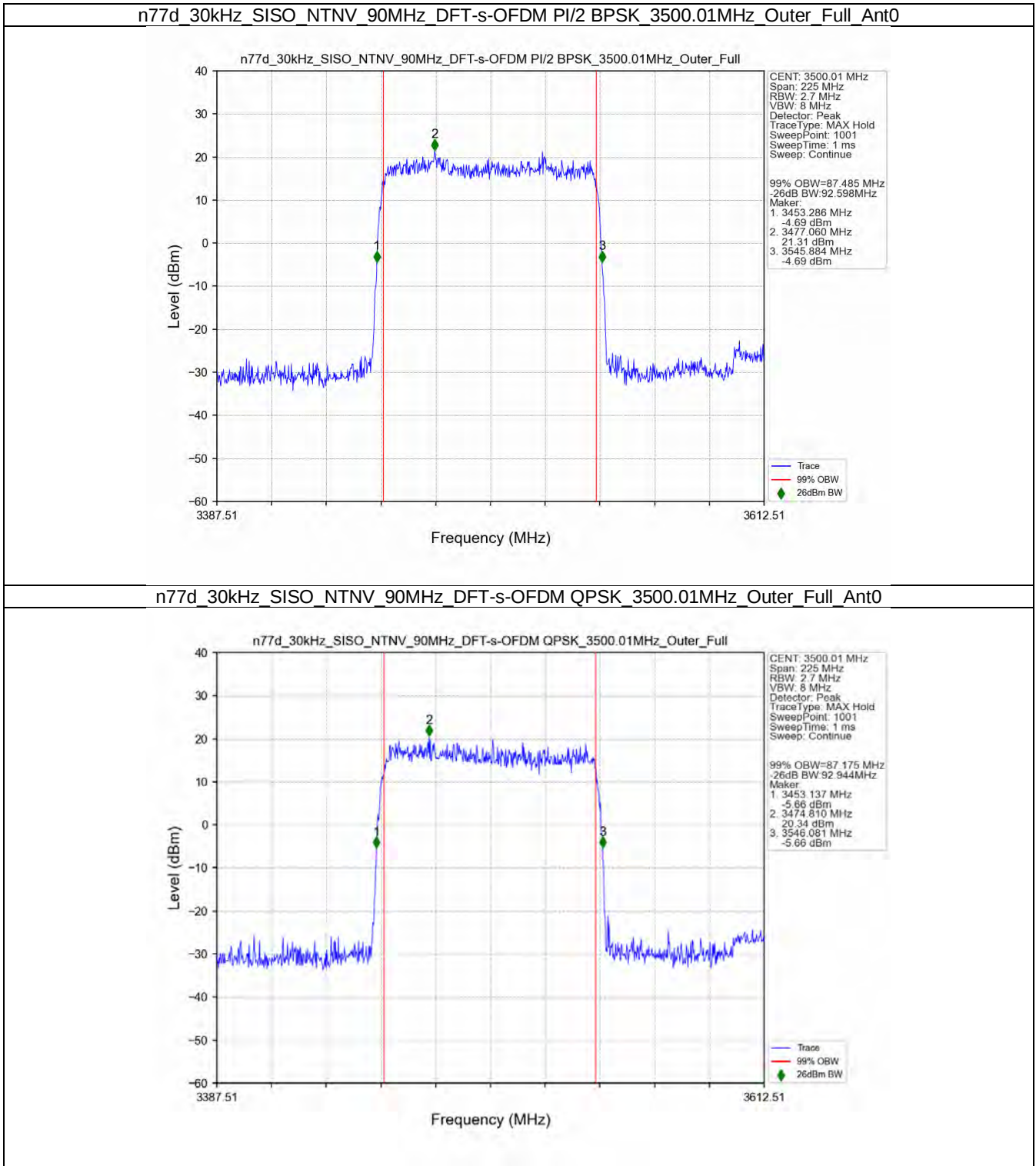
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant0



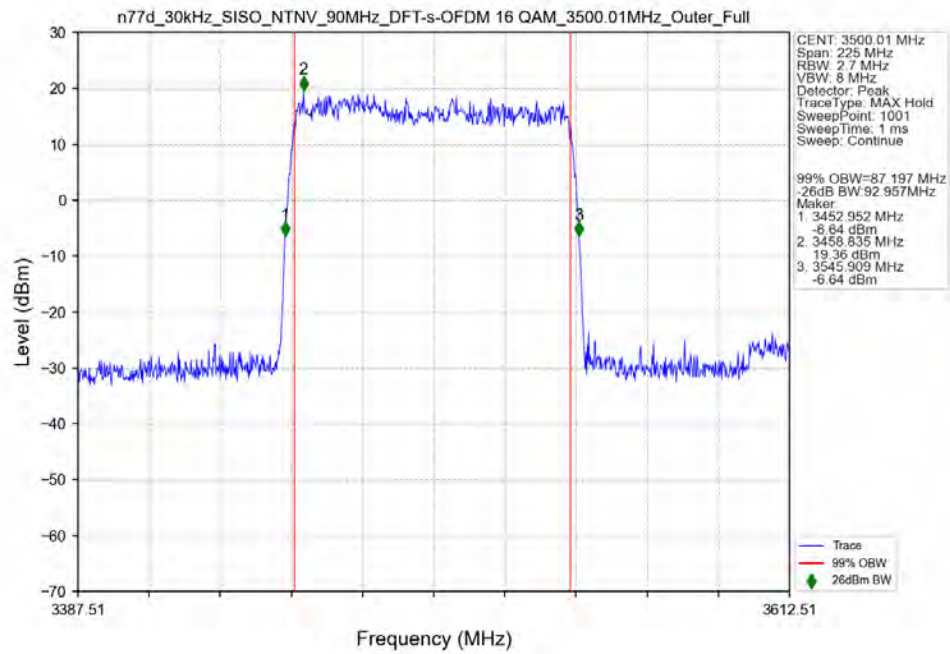
n77d 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



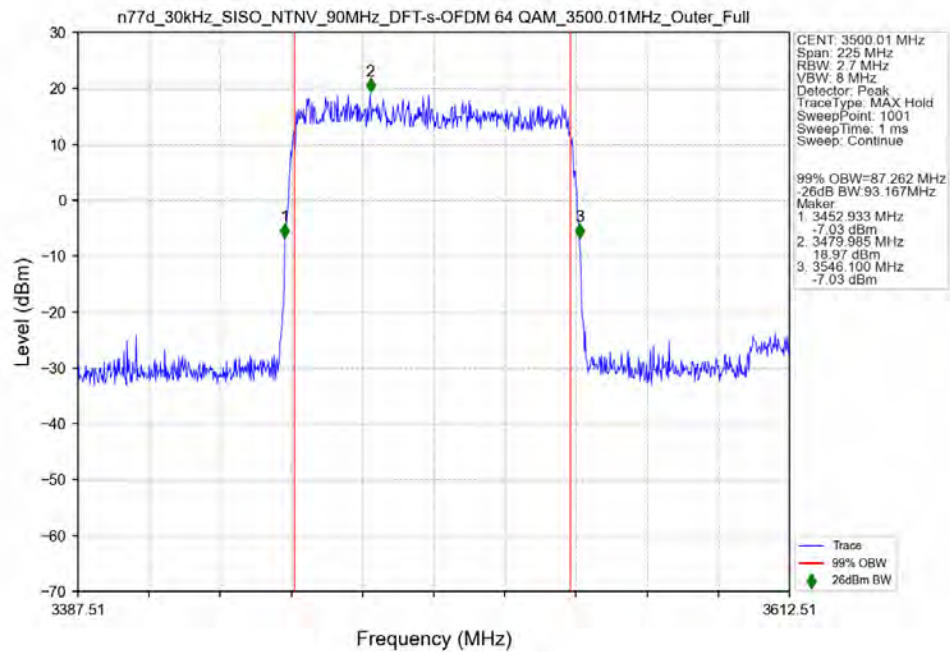
3.2.11 30k_SISO_90MHz_NTNV



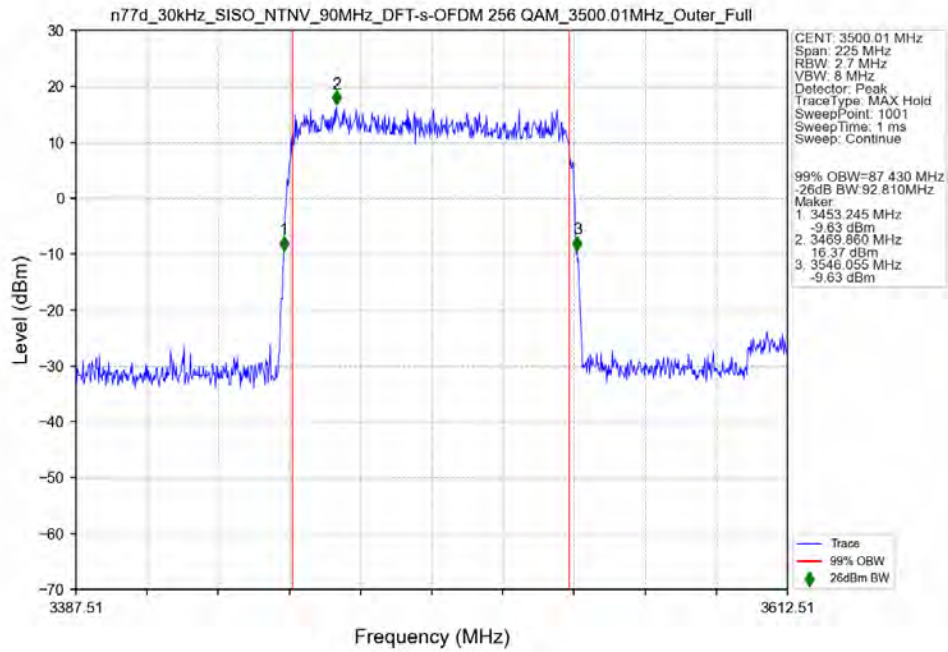
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant0



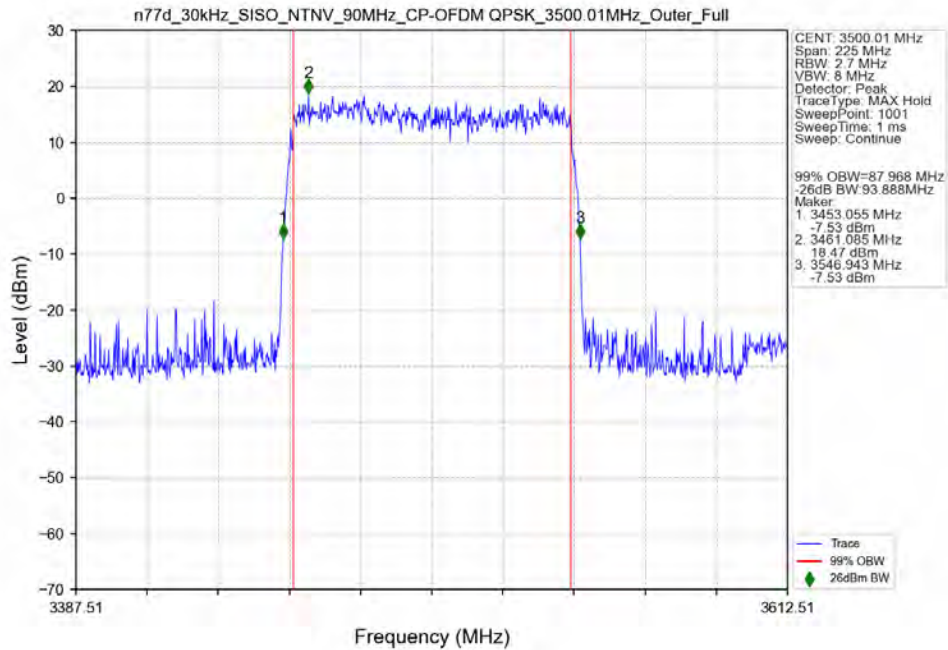
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant0



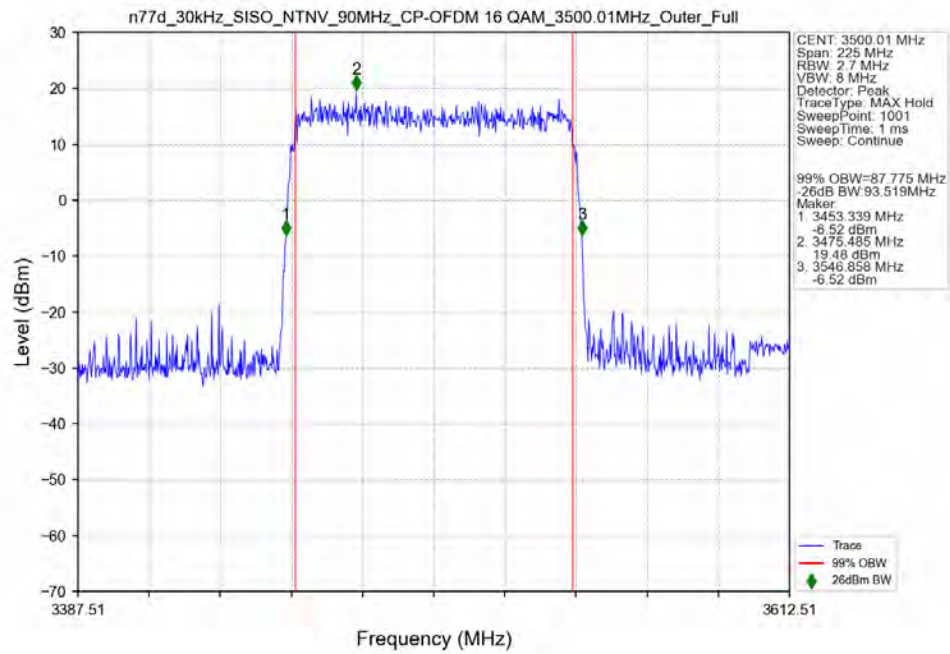
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant0



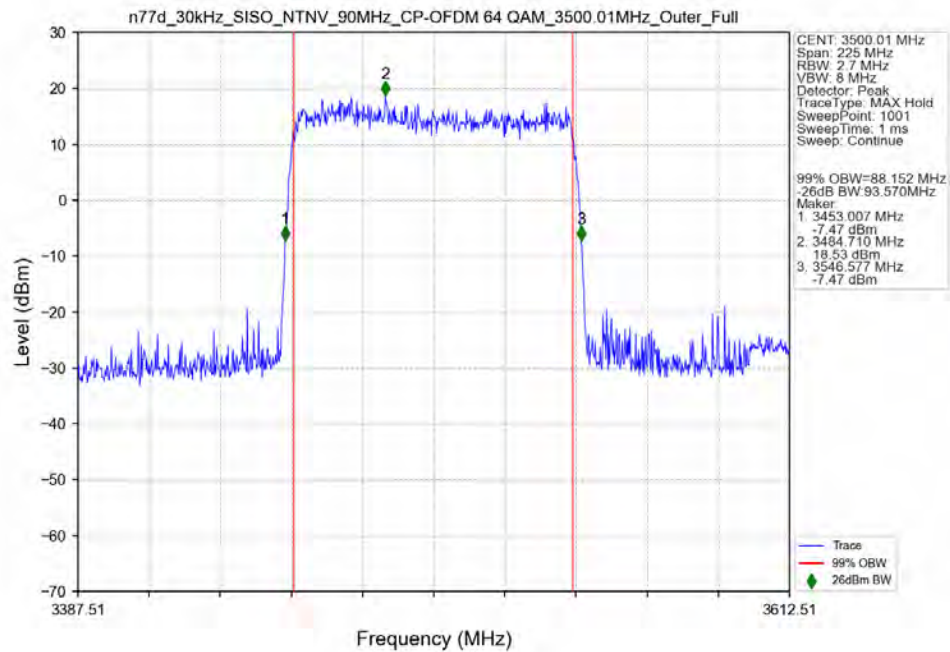
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0



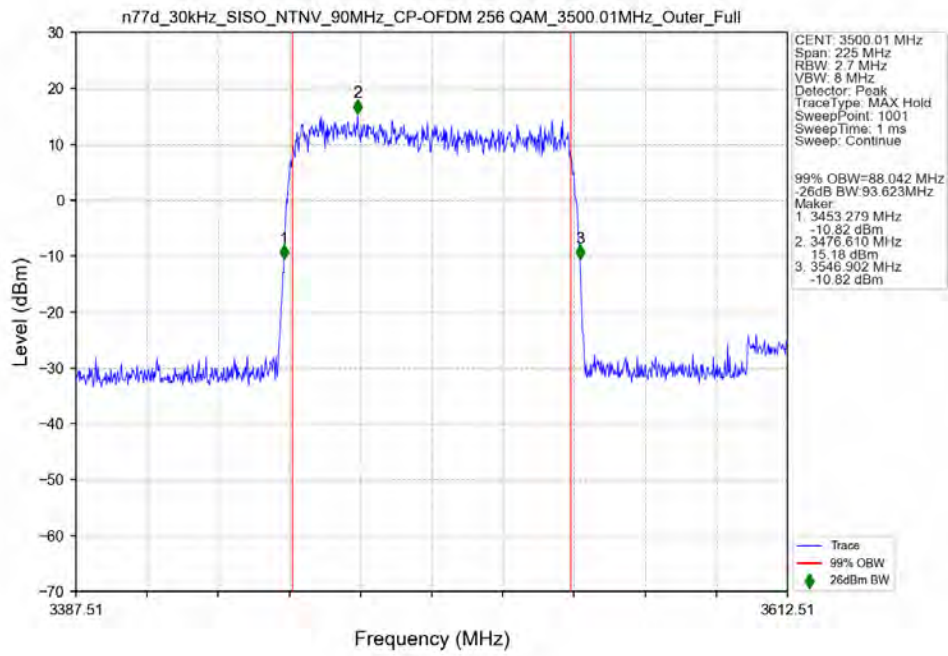
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM 3500.01MHz Outer Full Ant0



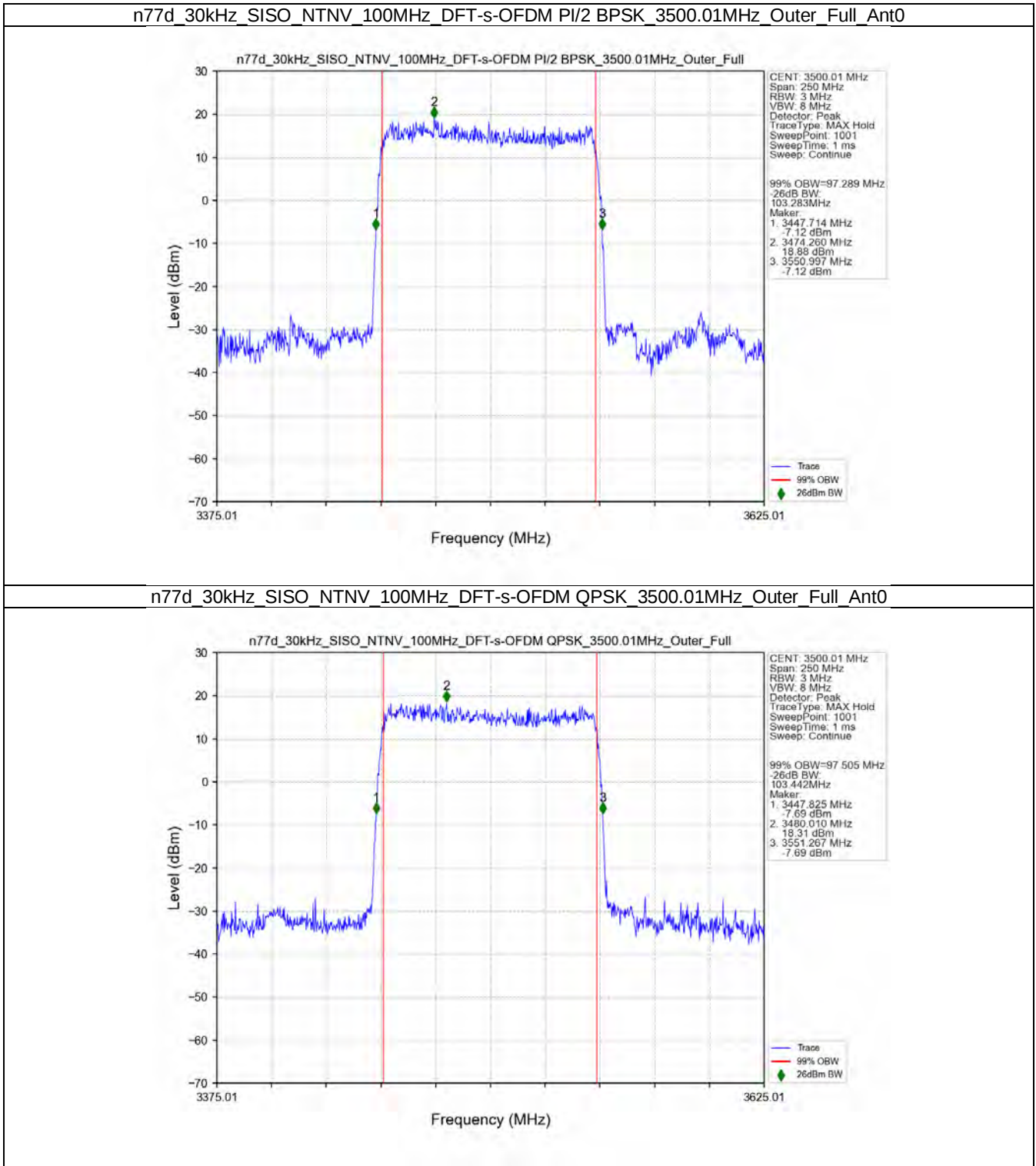
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



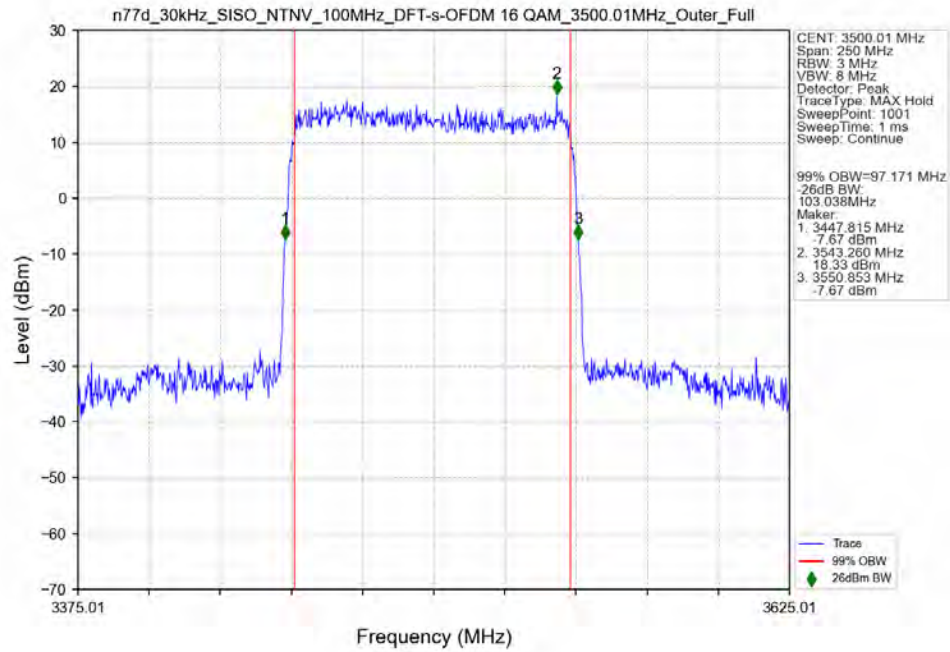
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant0



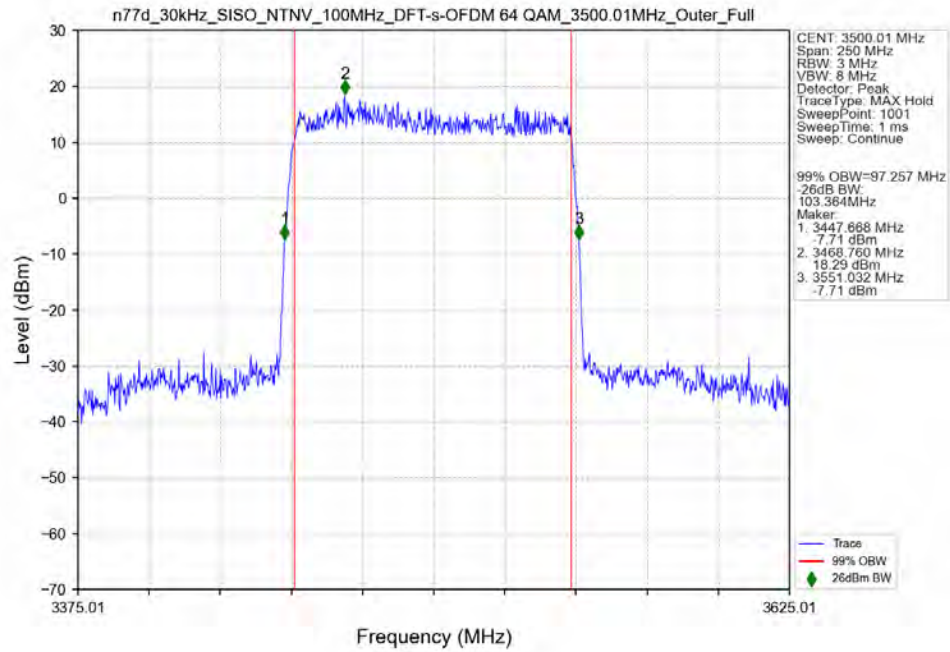
3.2.12 30k_SISO_100MHz_NTNV



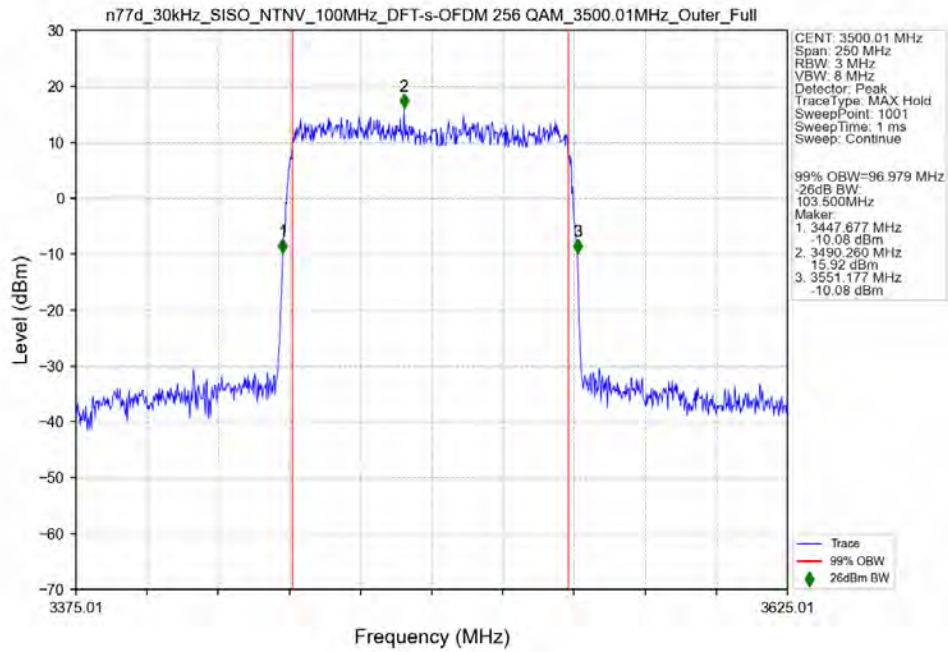
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant0



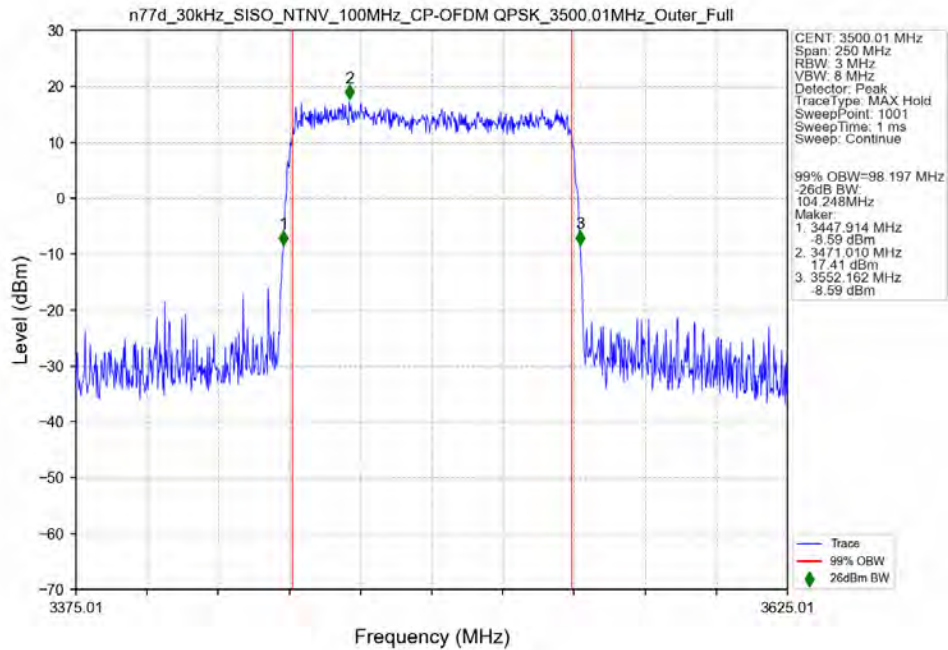
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant0



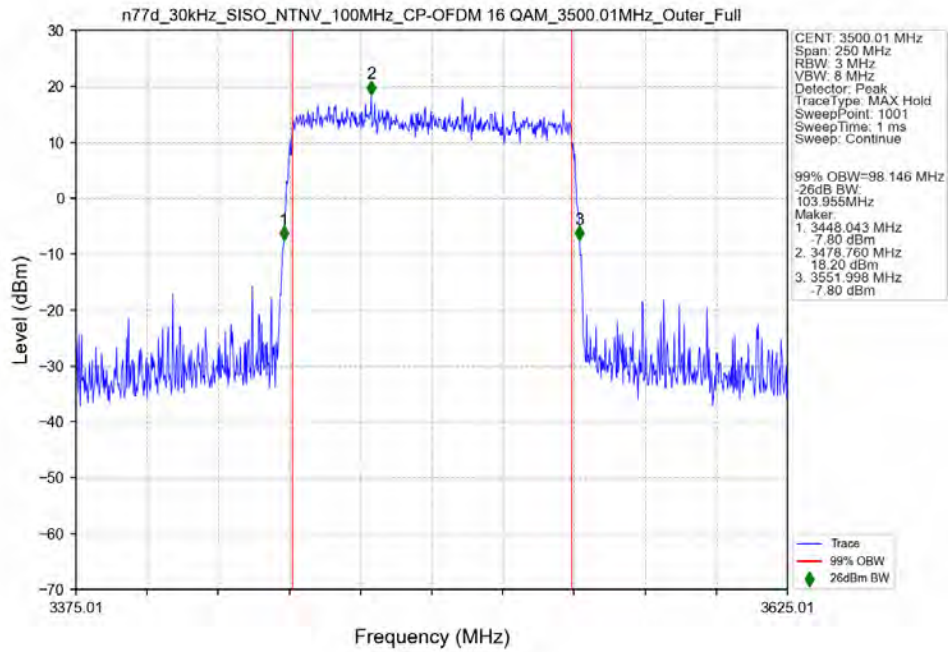
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant0



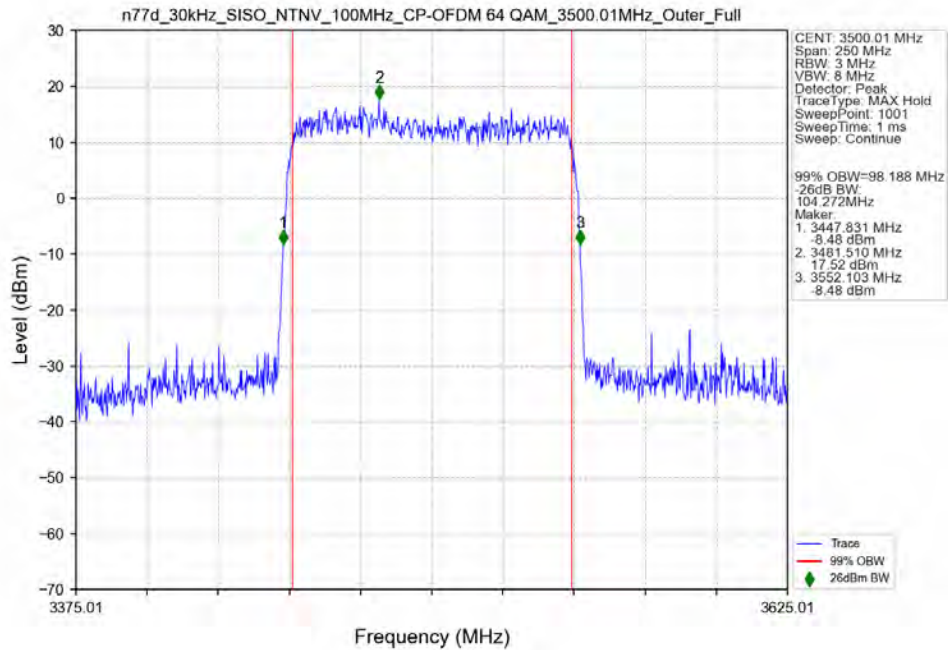
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0



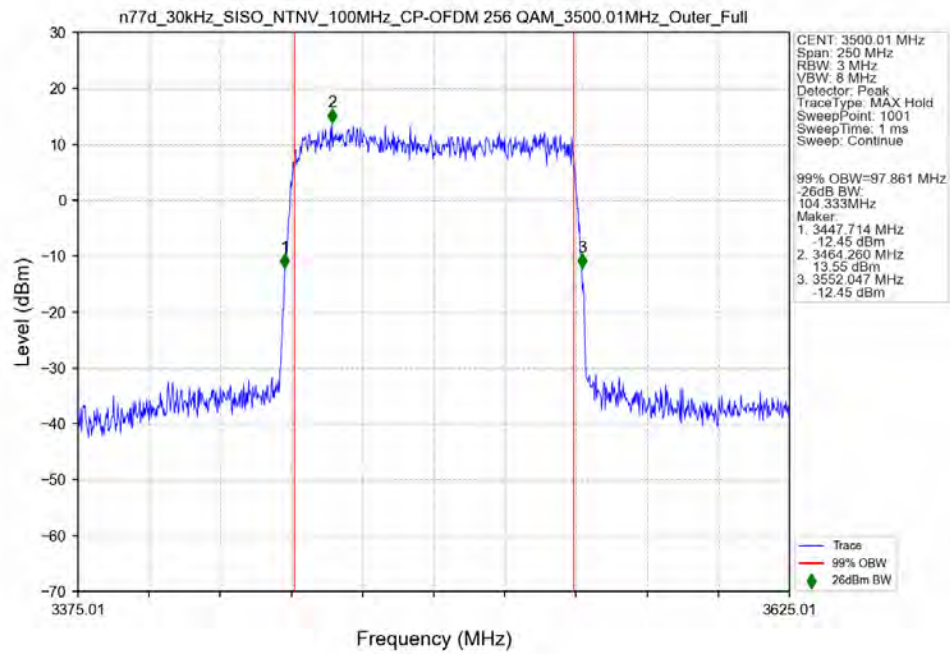
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant0



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant0



n77d 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



4. Peak-Average Ratio

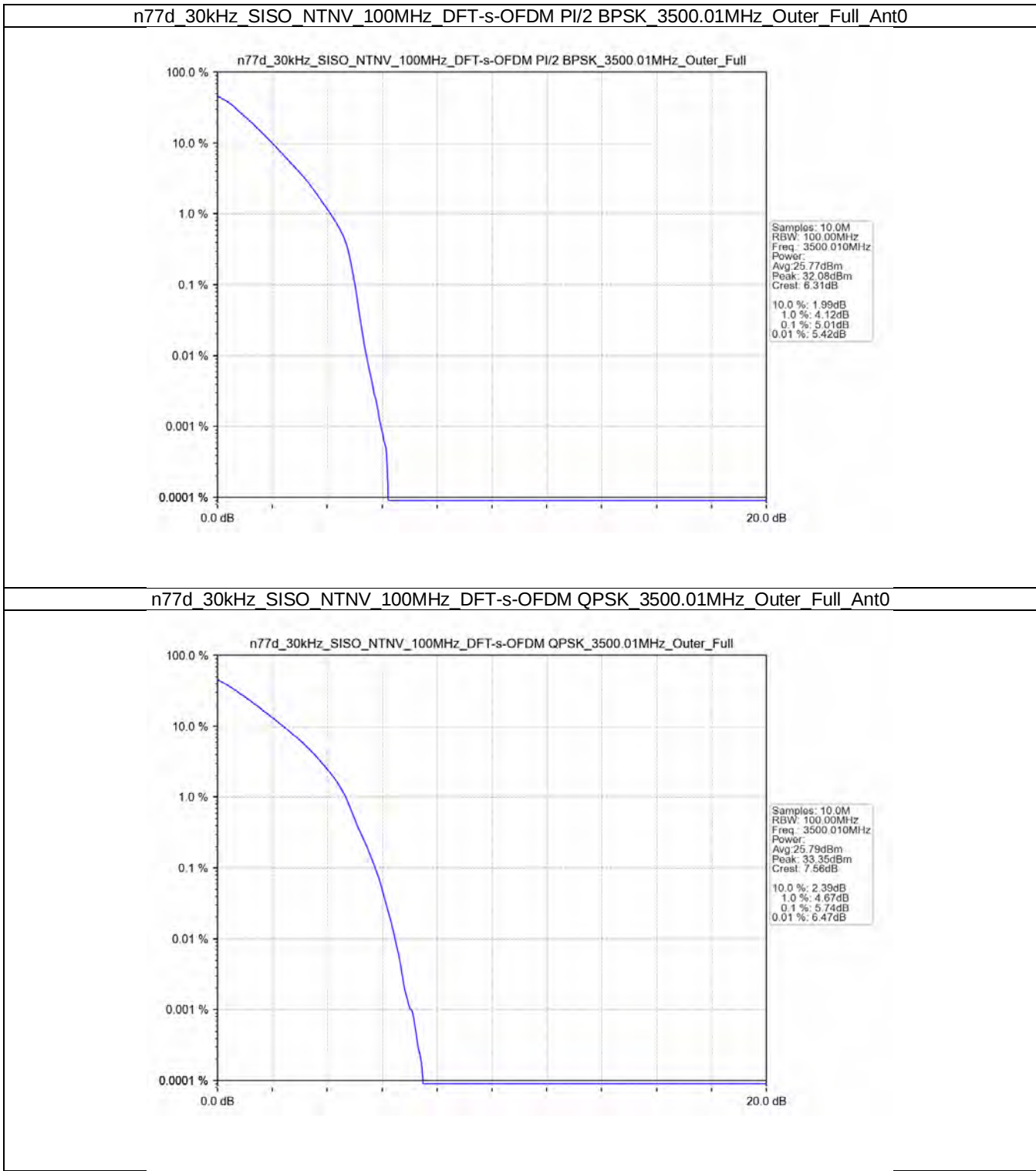
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

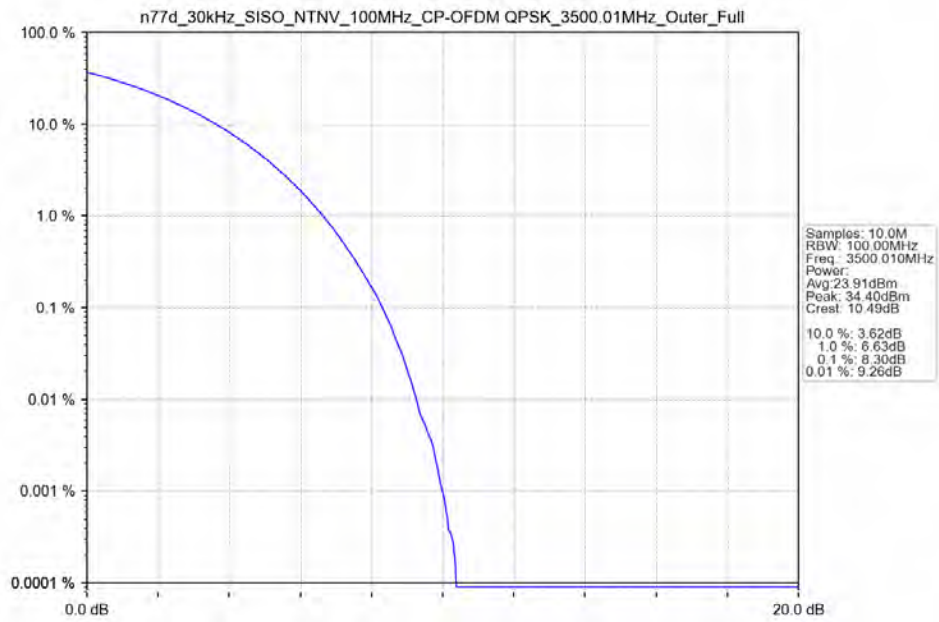
5G NR n77d SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	5.01	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	5.74	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.30	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n77d 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n77d SCS=30kHz SISO 10MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3544.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 30k_SISO_50MHz_NTNV

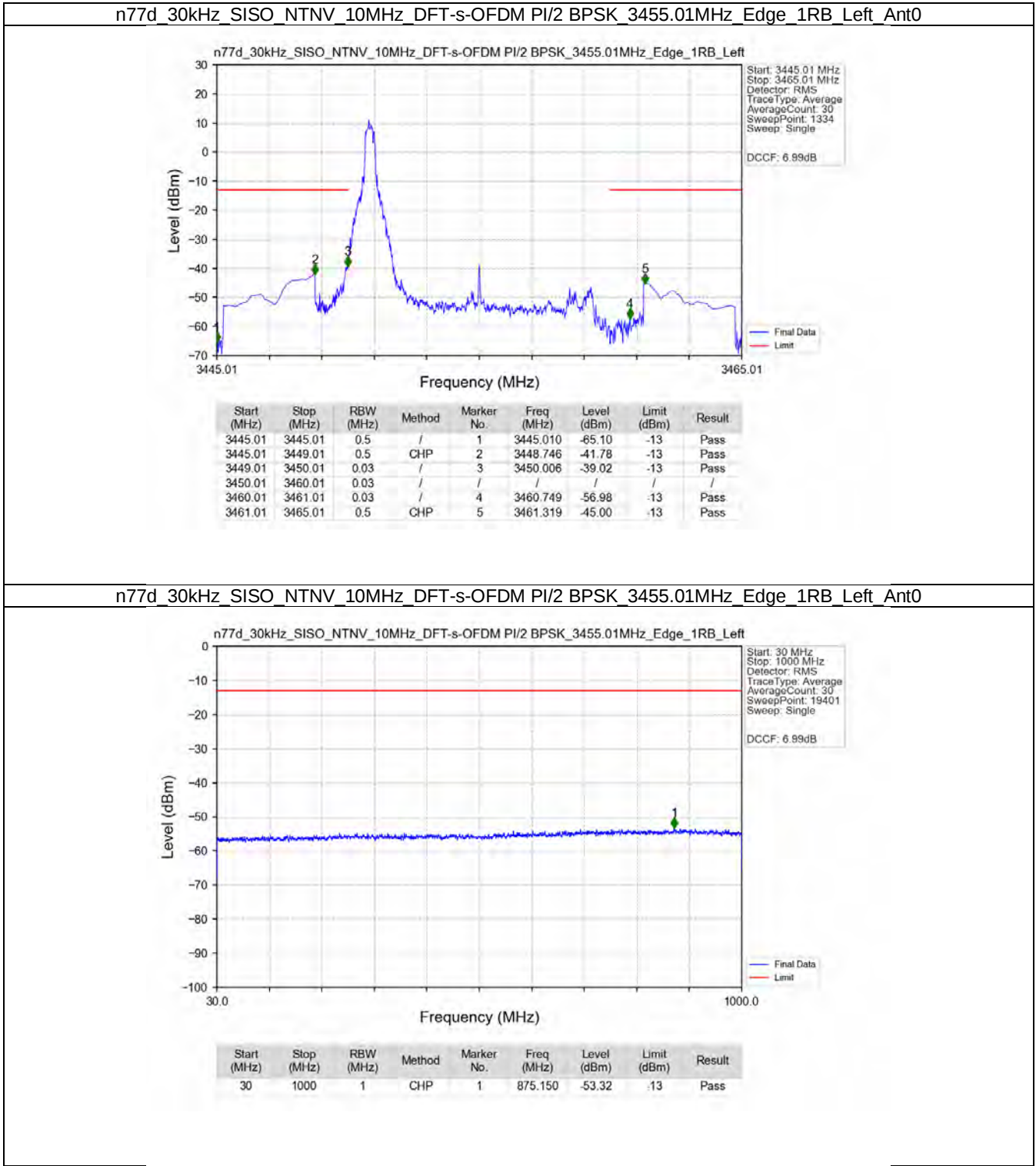
5G NR n77d SCS=30kHz SISO 50MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3525	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3525	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
	3525	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 30k_SISO_100MHz_NTNV

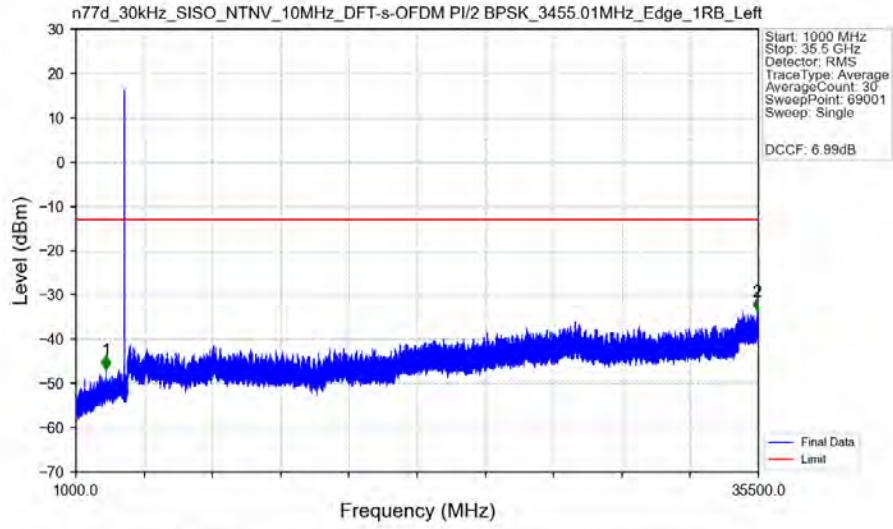
5G NR n77d SCS=30kHz SISO 100MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

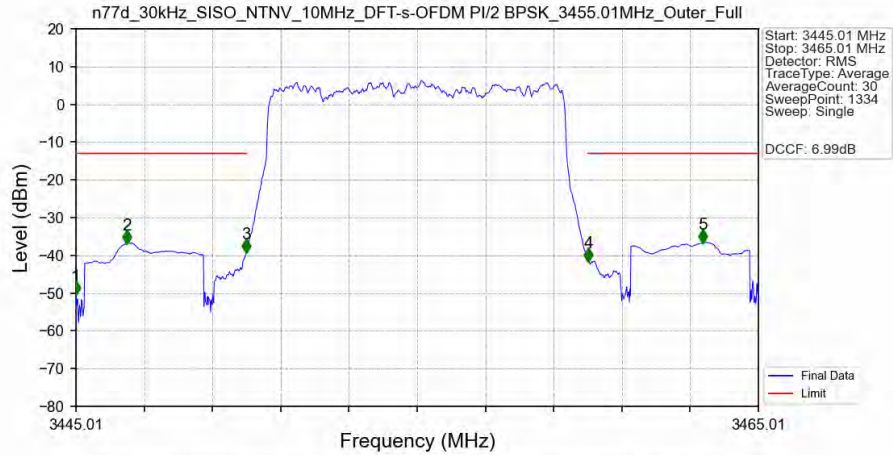


n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3455.01MHz_Edge_1RB_Left_Ant0



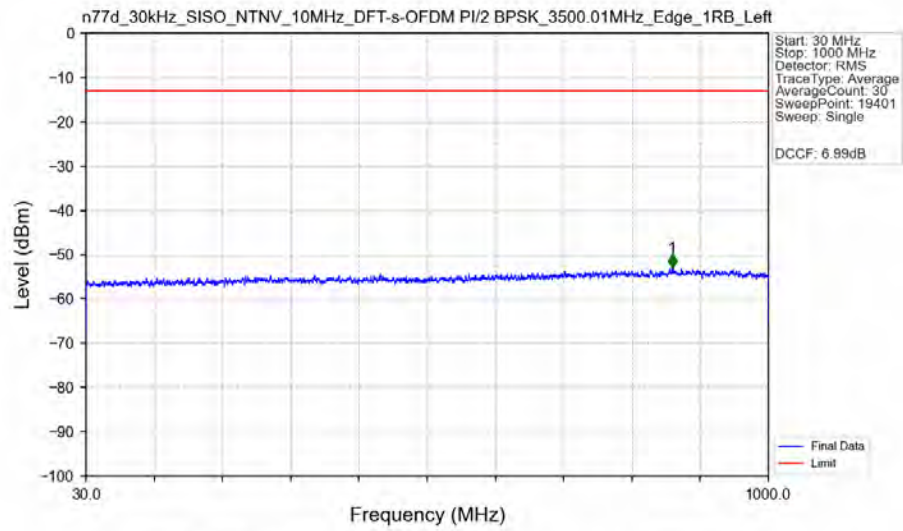
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	2526.500	-46.76	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35442.500	-33.72	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3455.01MHz_Outer_Full_Ant0

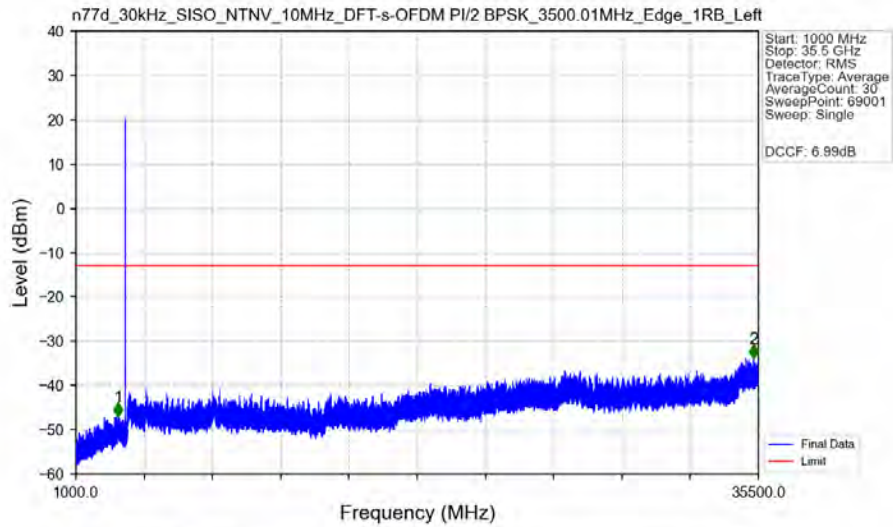


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-50.25	-13	Pass
3445.01	3449.01	0.5	CHP	2	3446.495	-36.73	-13	Pass
3449.01	3450.01	0.09578	CHP	3	3450.006	-39.07	-13	Pass
3450.01	3460.01	0.09578	CHP	/	/	/	/	/
3460.01	3461.01	0.09578	CHP	4	3460.029	-41.40	-13	Pass
3461.01	3465.01	0.5	CHP	5	3463.375	-36.48	-13	Pass

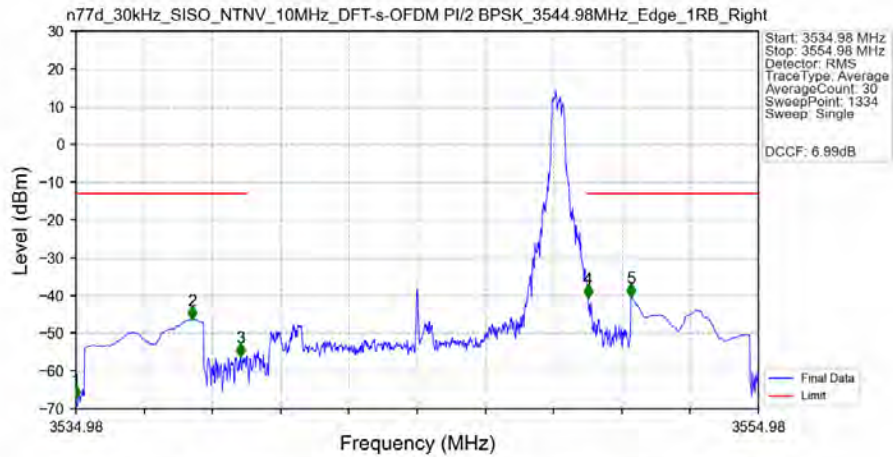
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant0



n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant0

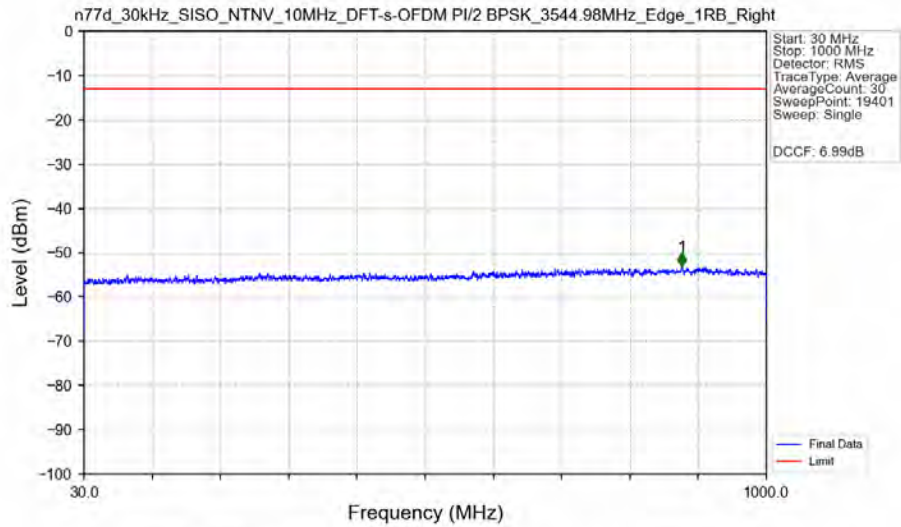


n77d 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant0



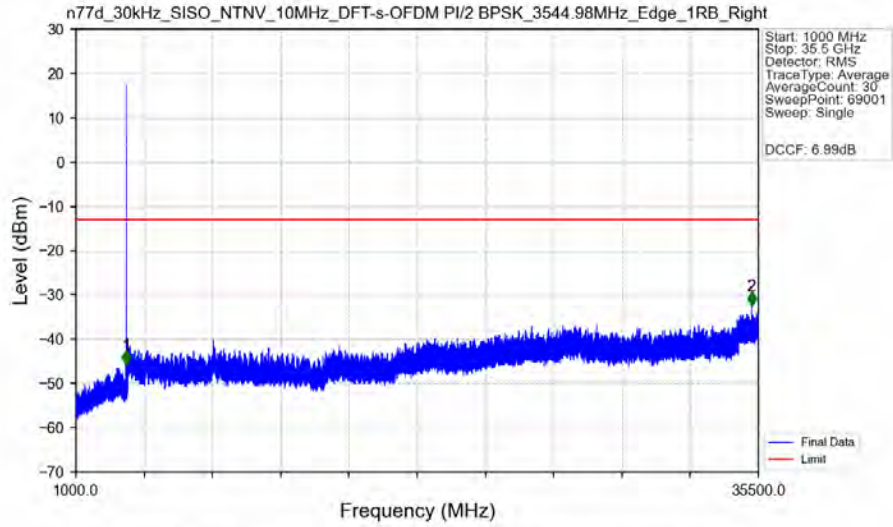
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-67.10	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.386	-46.18	-13	Pass
3538.98	3539.98	0.03	/	3	3539.796	-55.99	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-40.38	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-40.19	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant0



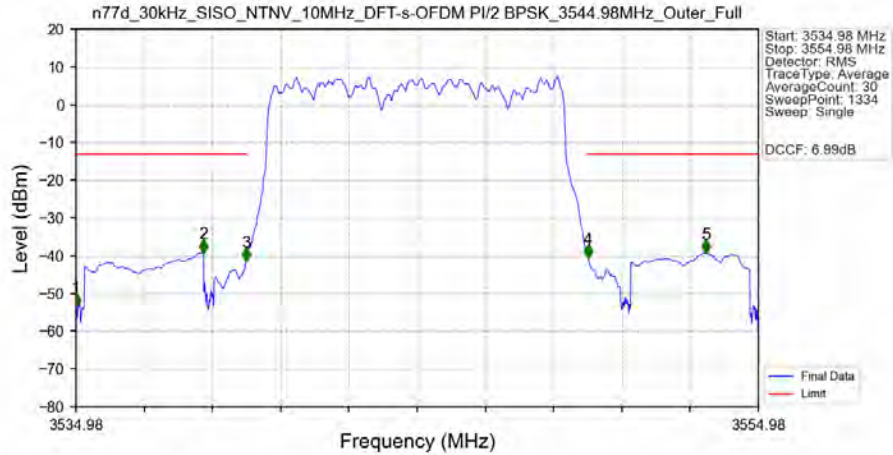
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	879.900	-53.18	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant0



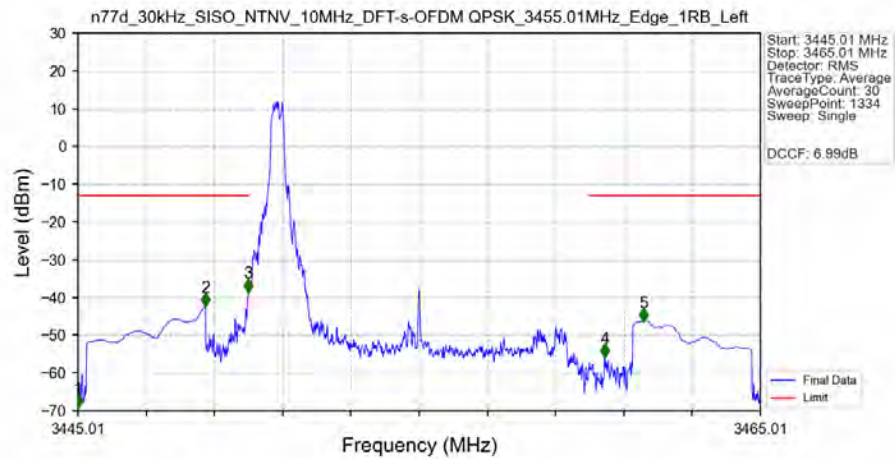
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3534.500	-45.78	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35156.000	-32.45	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Outer_Full Ant0



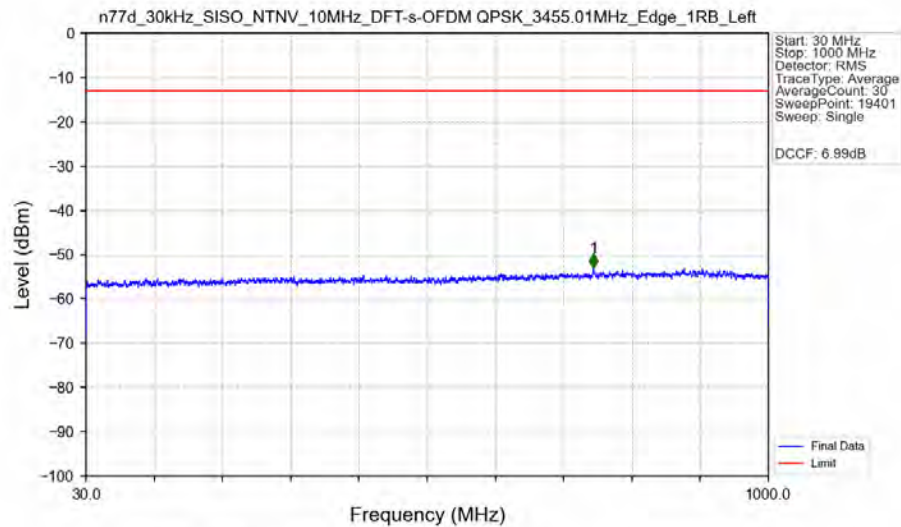
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-53.23	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.716	-38.97	-13	Pass
3538.98	3539.98	0.09609	CHP	3	3539.976	-41.17	-13	Pass
3539.98	3549.98	0.09609	CHP	/	/	/	/	/
3549.98	3550.98	0.09609	CHP	4	3549.984	-40.35	-13	Pass
3550.98	3554.98	0.5	CHP	5	3553.435	-39.16	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant0



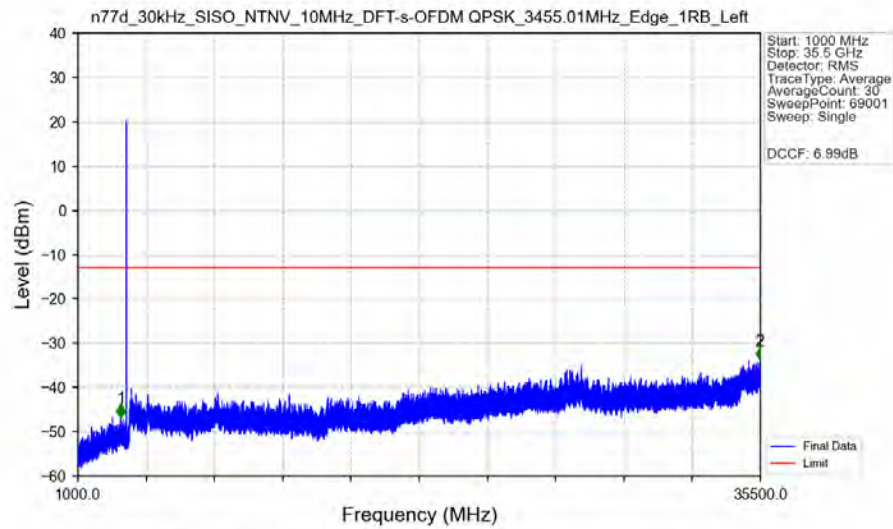
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-68.92	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-42.15	-13	Pass
3449.01	3450.01	0.03	/	3	3450.006	-38.38	-13	Pass
3450.01	3460.01	0.03	/	/	/	/	/	/
3460.01	3461.01	0.03	/	4	3460.449	-55.51	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.574	-46.21	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant0



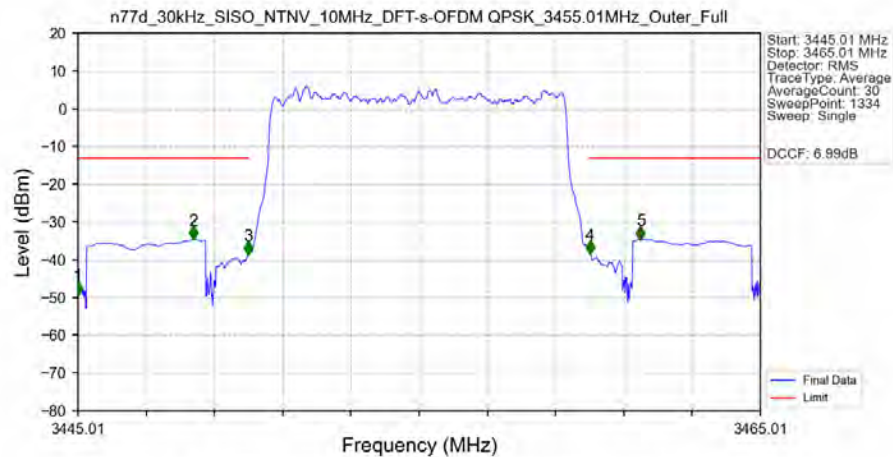
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	751.650	-52.97	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant0



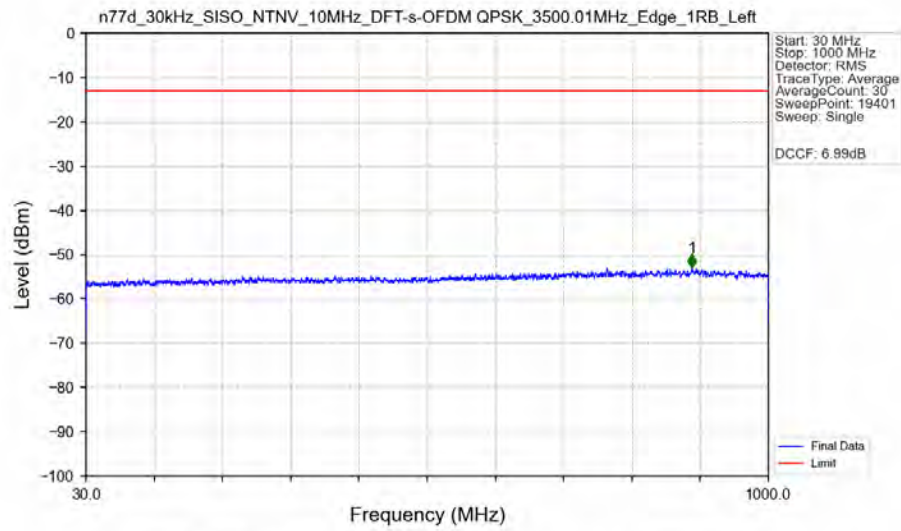
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3164.000	-46.76	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35483.500	-33.86	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Outer_Full Ant0

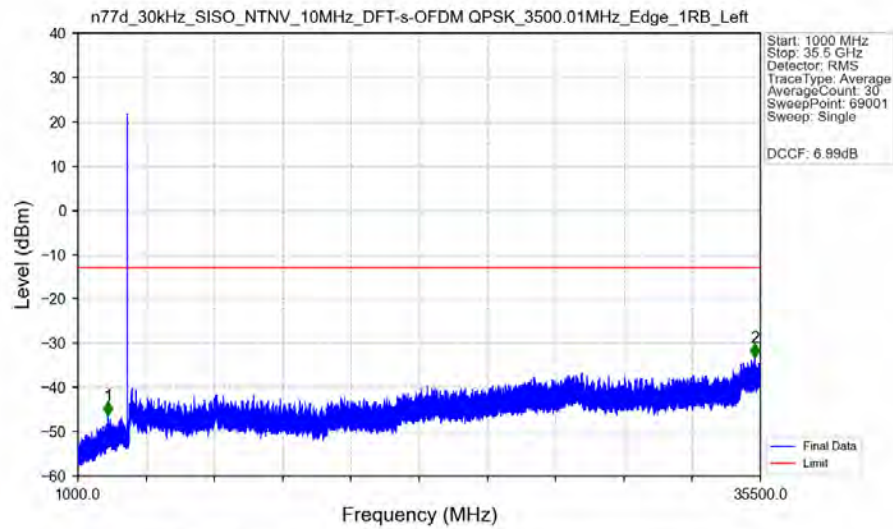


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-49.05	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.401	-34.41	-13	Pass
3449.01	3450.01	0.09609	CHP	3	3450.006	-38.42	-13	Pass
3450.01	3460.01	0.09609	CHP	/	/	/	/	/
3460.01	3461.01	0.09609	CHP	4	3460.014	-38.28	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.499	-34.47	-13	Pass

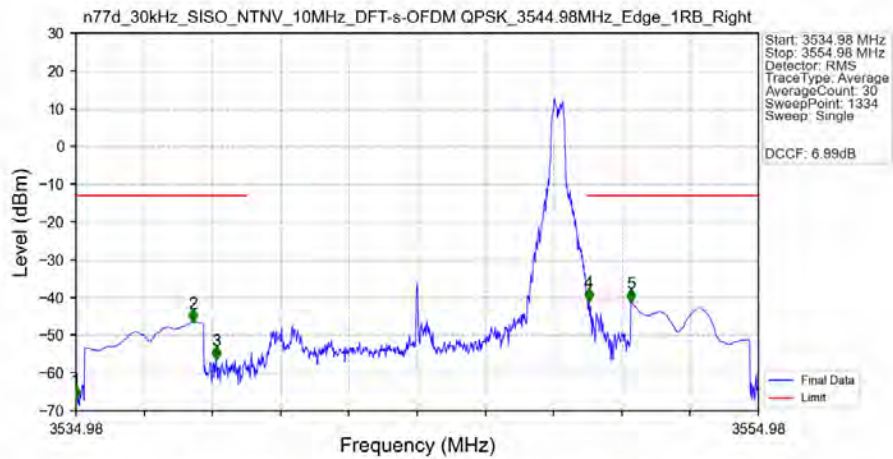
n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant0



n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant0

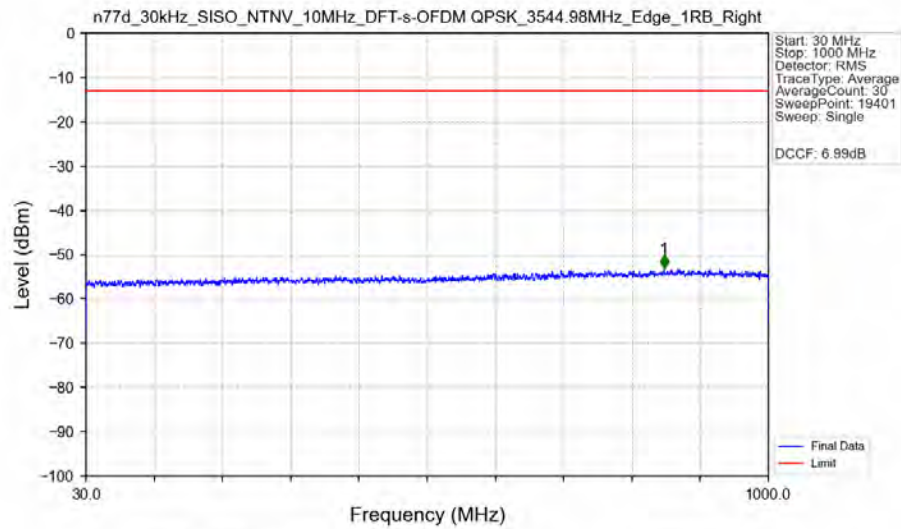


n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant0



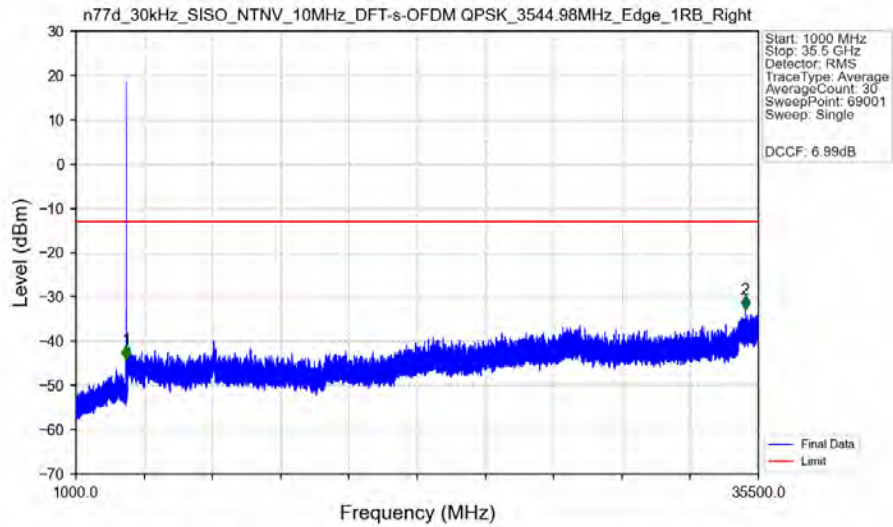
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-66.59	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.401	-46.36	-13	Pass
3538.98	3539.98	0.03	/	3	3539.091	-56.28	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3550.014	-40.87	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-41.05	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant0



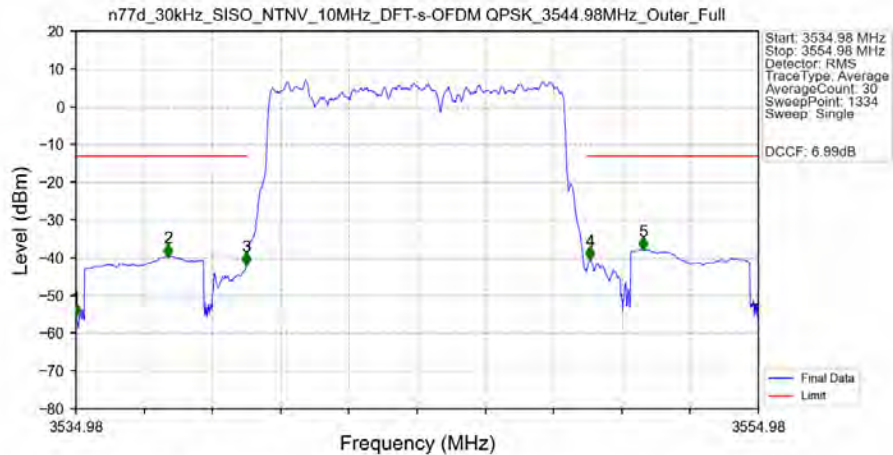
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	851.650	-53.16	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant0



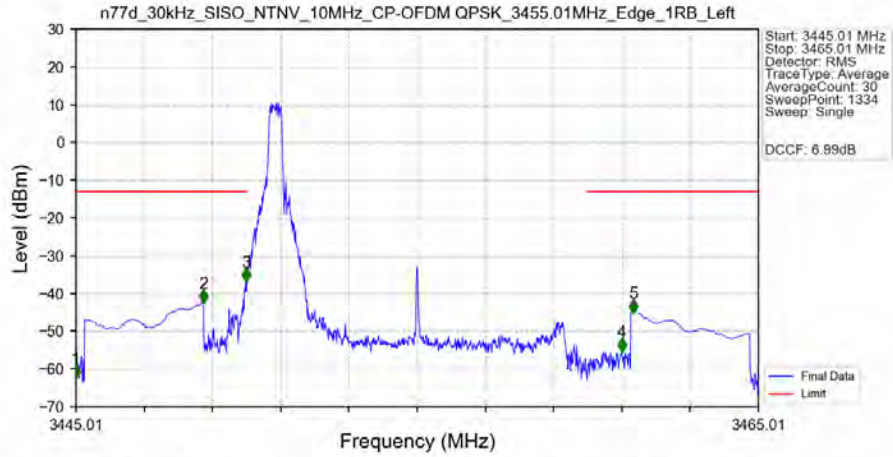
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3534.000	-44.00	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	34831.500	-32.84	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Outer_Full_Ant0

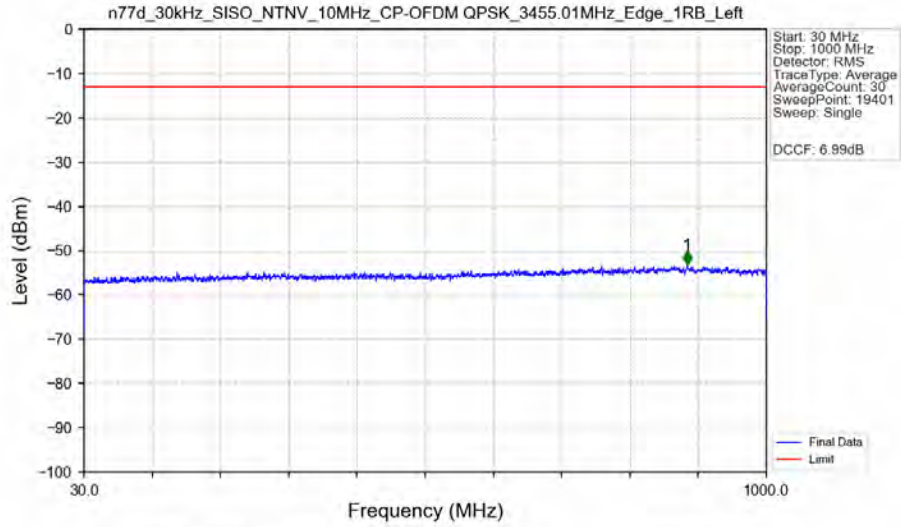


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-55.31	-13	Pass
3534.98	3538.98	0.5	CHP	2	3537.681	-39.60	-13	Pass
3538.98	3539.98	0.09609	CHP	3	3539.976	-41.90	-13	Pass
3539.98	3549.98	0.09609	CHP	/	/	/	/	/
3549.98	3550.98	0.09609	CHP	4	3550.044	-40.31	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.604	-37.84	-13	Pass

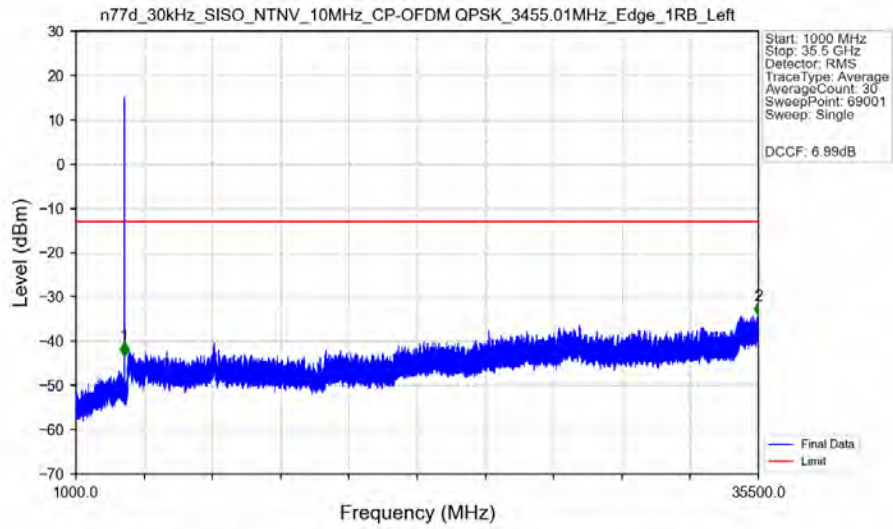
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant0



n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant0

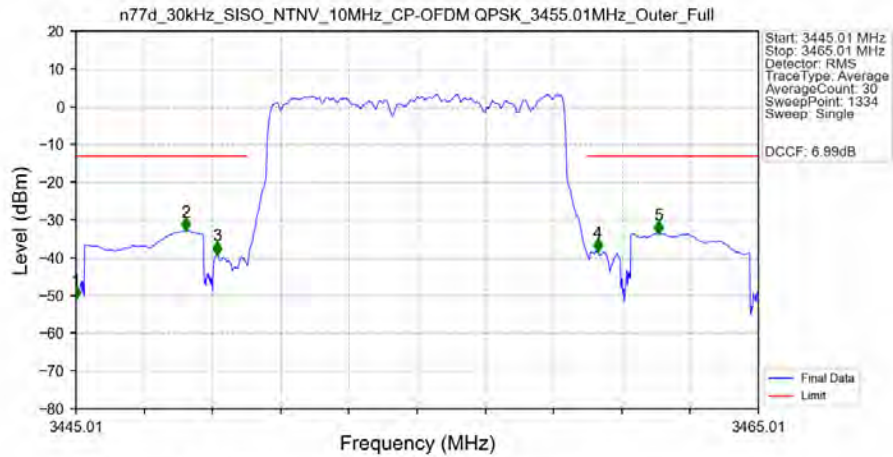


n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant0



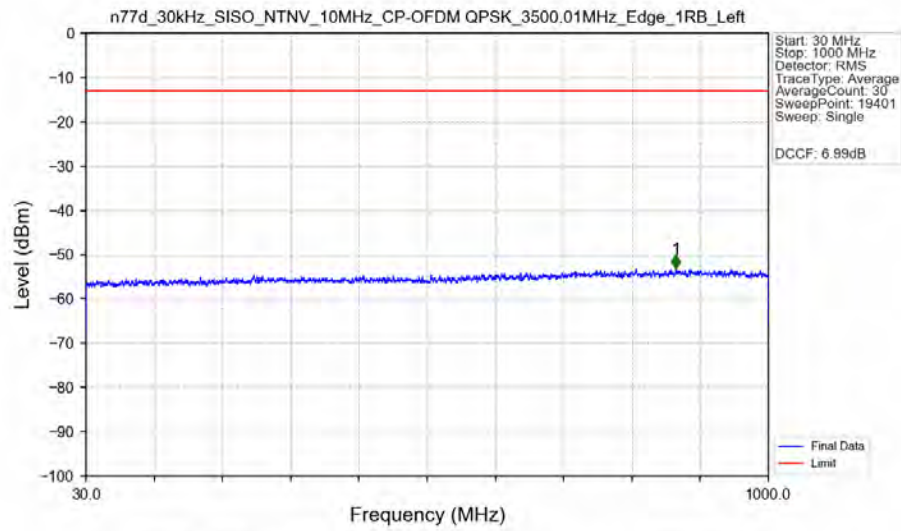
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3445.000	-43.26	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35495.000	-34.22	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Outer_Full_Ant0

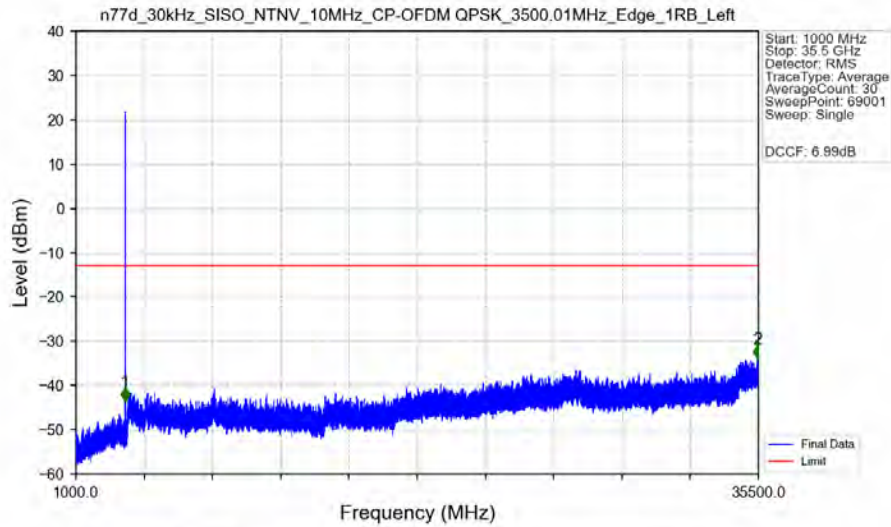


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-50.86	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.221	-32.75	-13	Pass
3449.01	3450.01	0.09522	CHP	3	3449.151	-39.01	-13	Pass
3450.01	3460.01	0.09522	CHP	/	/	/	/	/
3460.01	3461.01	0.09522	CHP	4	3460.299	-38.21	-13	Pass
3461.01	3465.01	0.5	CHP	5	3462.084	-33.47	-13	Pass

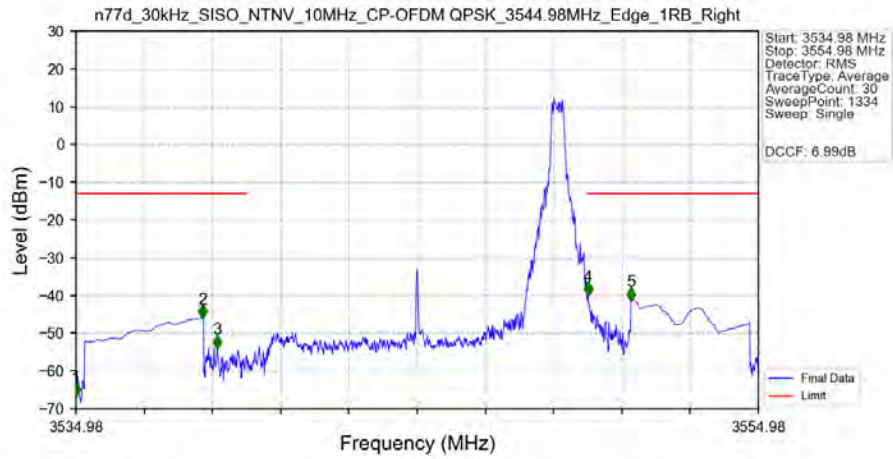
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0



n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0

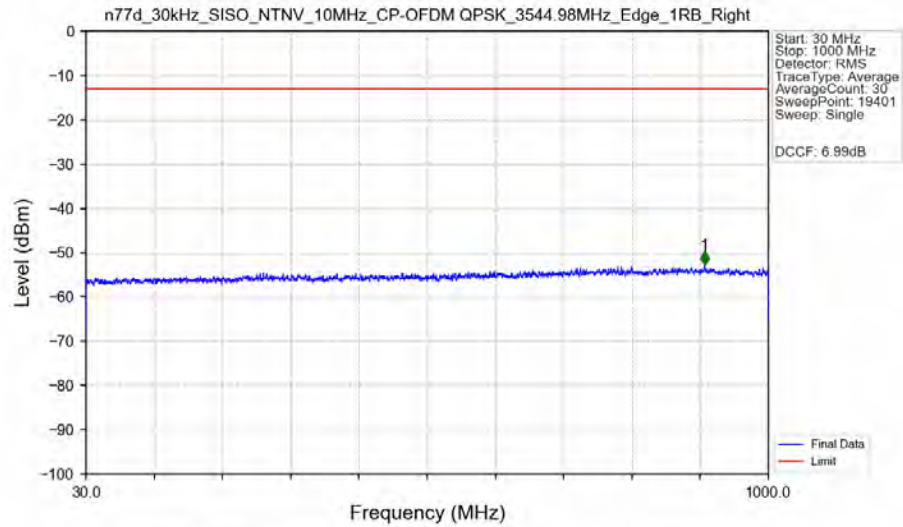


n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant0



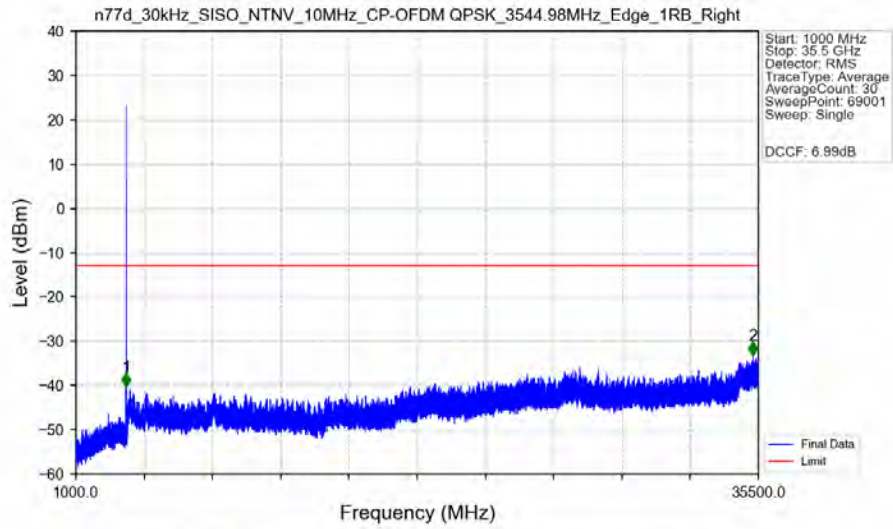
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-66.49	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.686	-45.71	-13	Pass
3538.98	3539.98	0.03	/	3	3539.121	-53.80	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-39.78	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-41.15	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant0



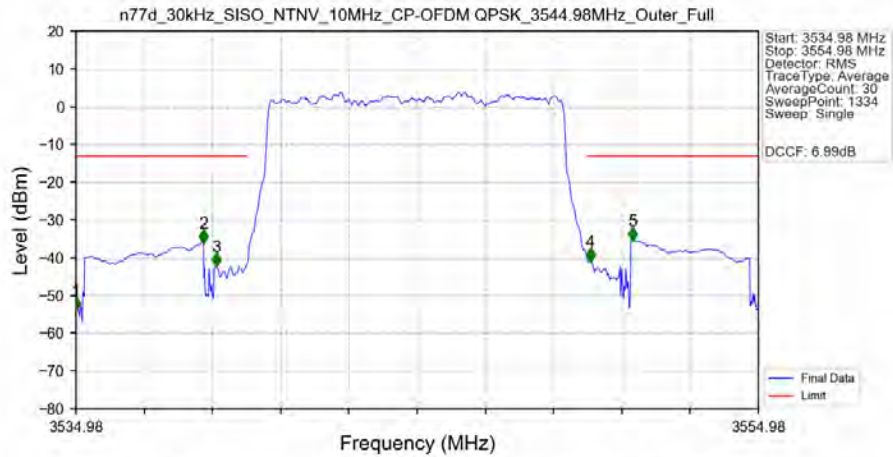
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	909.000	-52.83	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant0



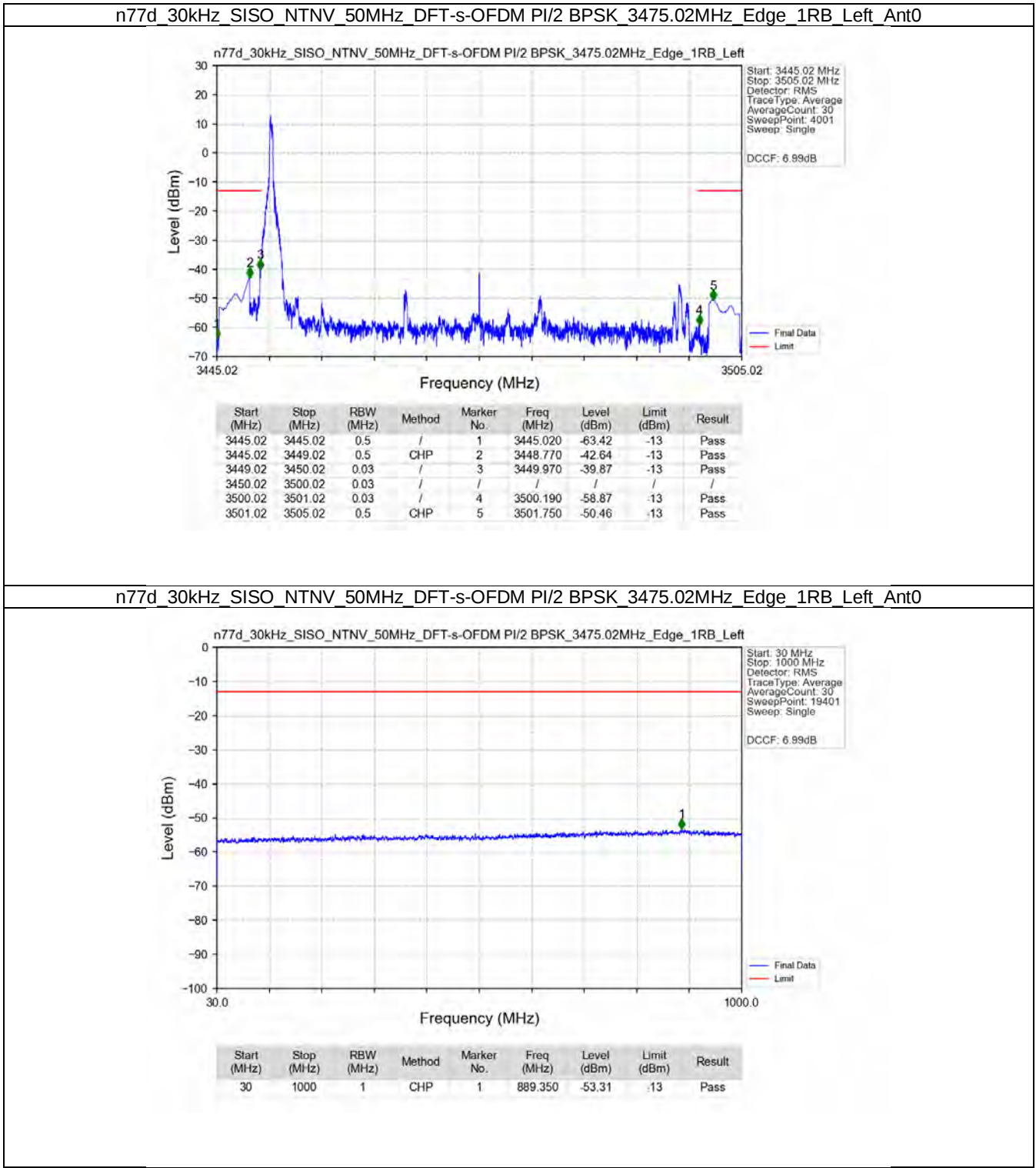
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3534.000	-40.30	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35230.000	-33.13	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Outer_Full_Ant0

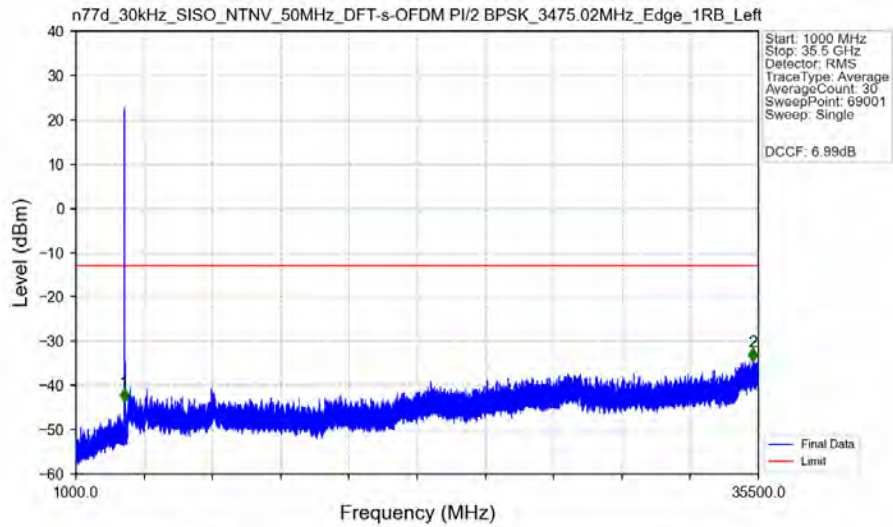


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-53.61	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.716	-35.81	-13	Pass
3538.98	3539.98	0.09609	CHP	3	3539.091	-41.95	-13	Pass
3539.98	3549.98	0.09609	CHP	/	/	/	/	/
3549.98	3550.98	0.09609	CHP	4	3550.059	-40.69	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.289	-35.13	-13	Pass

5.2.2 30k_SISO_50MHz_NTNV

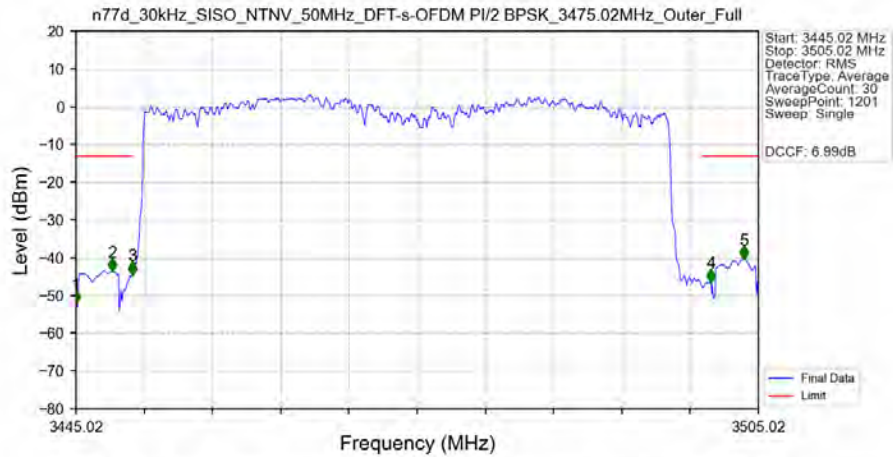


n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3475.02MHz_Edge_1RB_Left_Ant0



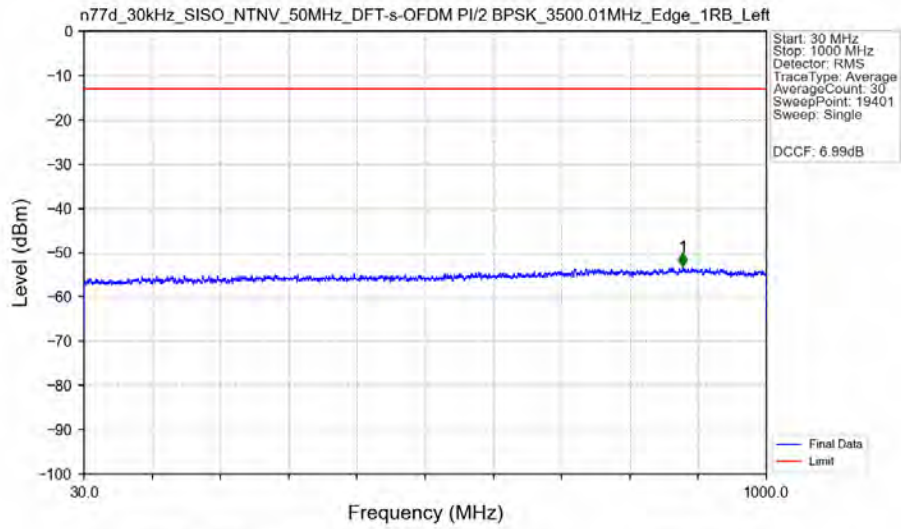
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.02	1	/	1	3427.500	-43.77	-13	Pass
3445.02	3505.02	1	/	/	/	/	/	/
3505.02	35500	1	/	2	35228.000	-34.56	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3475.02MHz_Outer_Full_Ant0

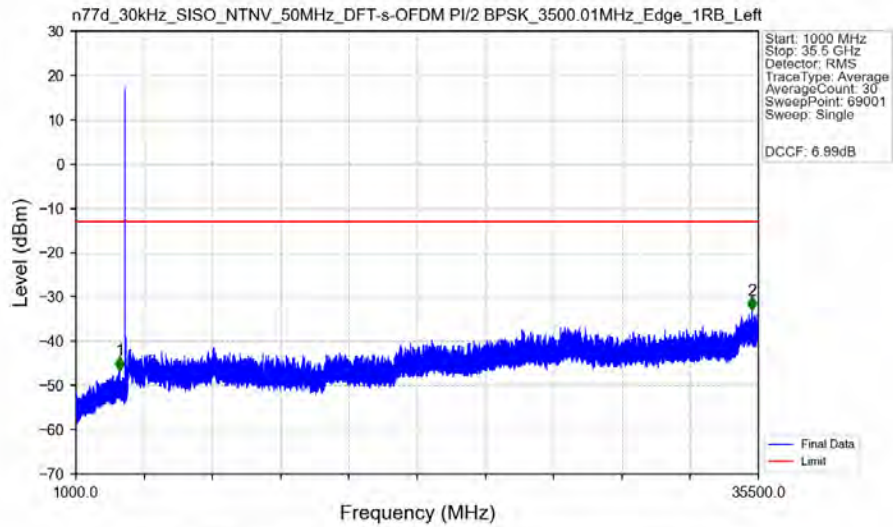


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-51.90	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.220	-43.40	-13	Pass
3449.02	3450.02	0.2	CHP	3	3449.970	-44.32	-13	Pass
3450.02	3500.02	0.2	CHP	/	/	/	/	/
3500.02	3501.02	0.2	CHP	4	3500.870	-46.26	-13	Pass
3501.02	3505.02	0.5	CHP	5	3503.770	-40.16	-13	Pass

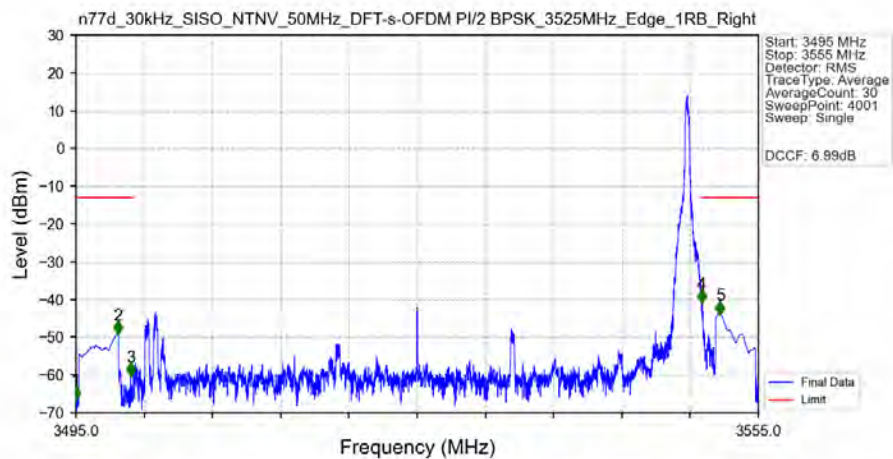
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant0



n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant0

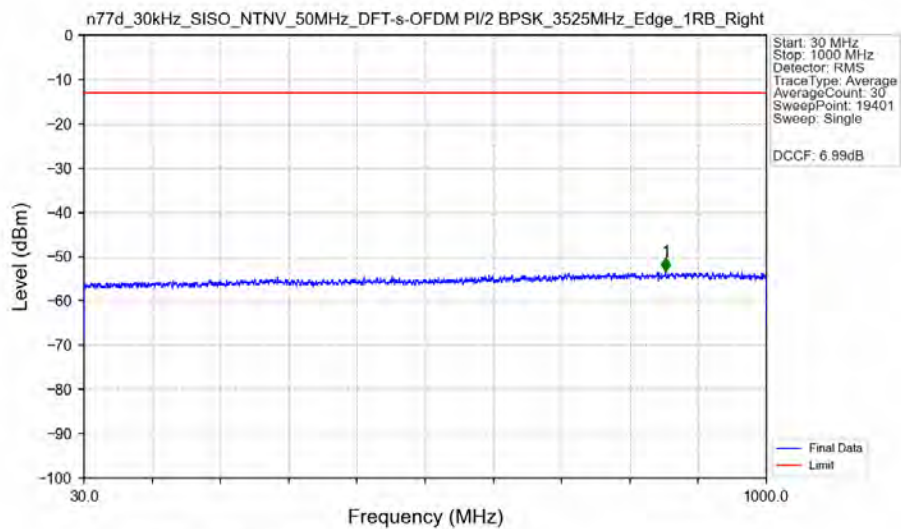


n77d 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right Ant0



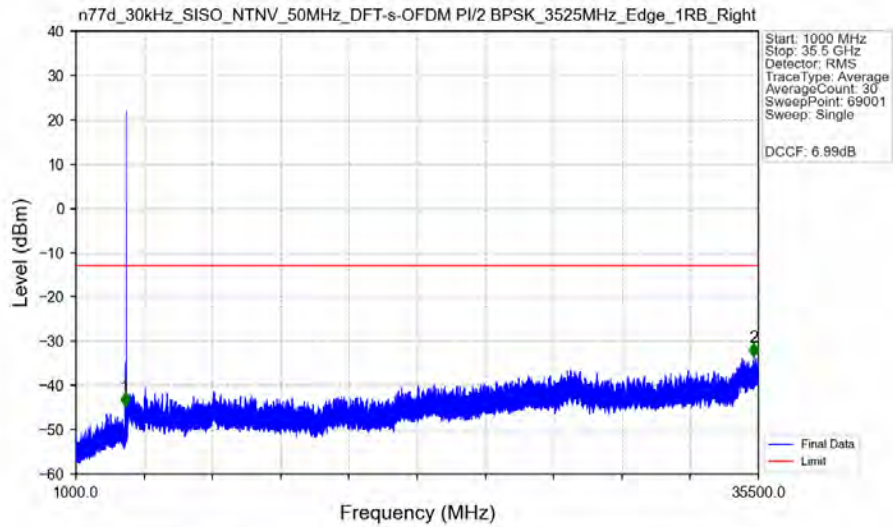
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-66.14	-13	Pass
3495	3499	0.5	CHP	2	3498.675	-48.92	-13	Pass
3499	3500	0.03	/	3	3499.800	-60.08	-13	Pass
3500	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	4	3550.005	-40.60	-13	Pass
3551	3555	0.5	CHP	5	3551.625	-43.70	-13	Pass

n77d 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right Ant0



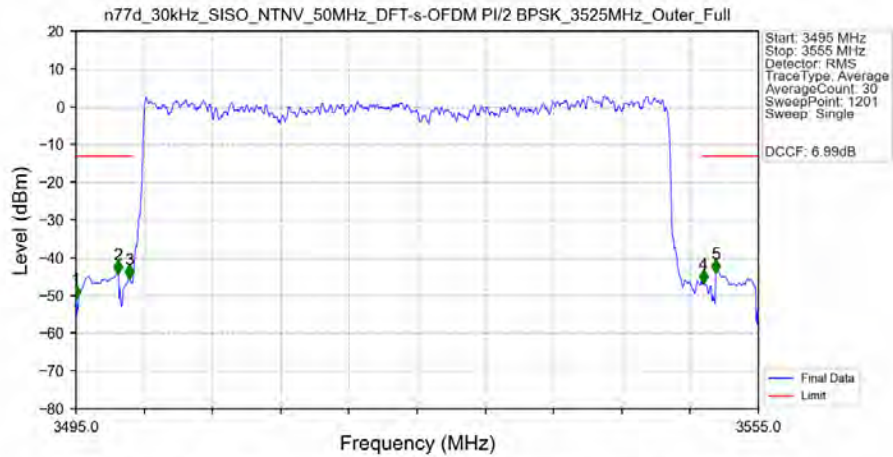
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	856.850	-53.34	-13	Pass

n77d 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Edge 1RB Right Ant0



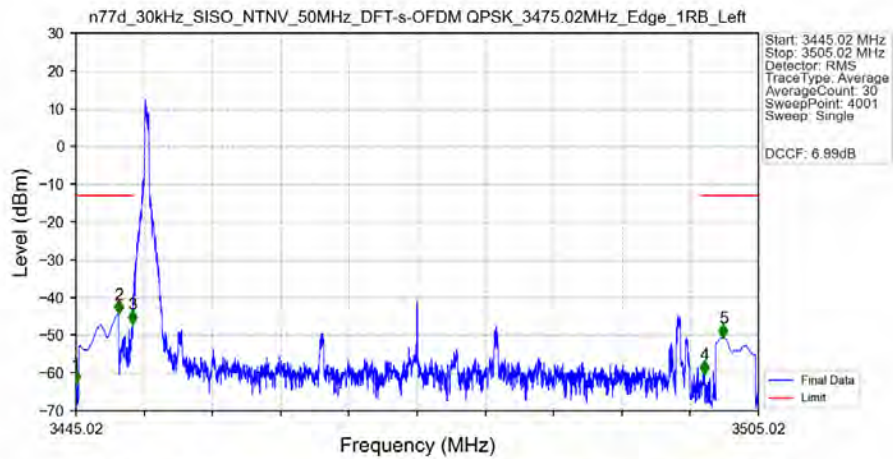
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3495	1	/	1	3471.000	-44.70	-13	Pass
3495	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35274.000	-33.49	-13	Pass

n77d 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3525MHz Outer_Full Ant0



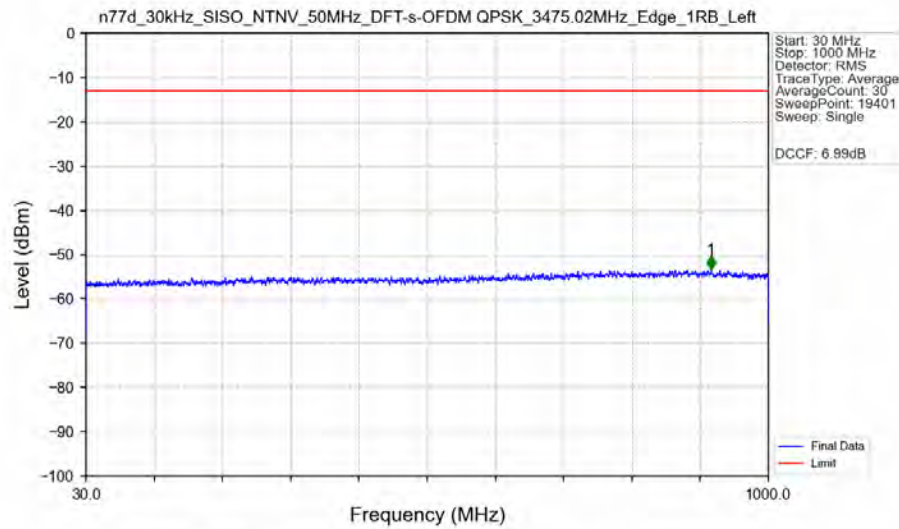
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-50.50	-13	Pass
3495	3499	0.5	CHP	2	3498.700	-43.95	-13	Pass
3499	3500	0.2	CHP	3	3499.700	-45.25	-13	Pass
3500	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.150	-46.54	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-43.74	-13	Pass

n77d 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left Ant0



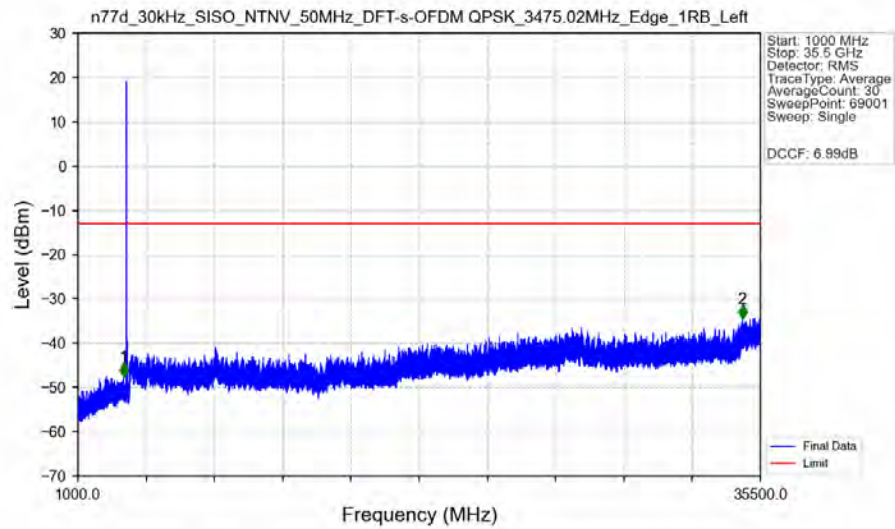
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-62.61	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-44.05	-13	Pass
3449.02	3450.02	0.03	/	3	3450.015	-46.73	-13	Pass
3450.02	3500.02	0.03	/	/	/	/	/	/
3500.02	3501.02	0.03	/	4	3500.280	-59.99	-13	Pass
3501.02	3505.02	0.5	CHP	5	3501.930	-50.38	-13	Pass

n77d 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left Ant0



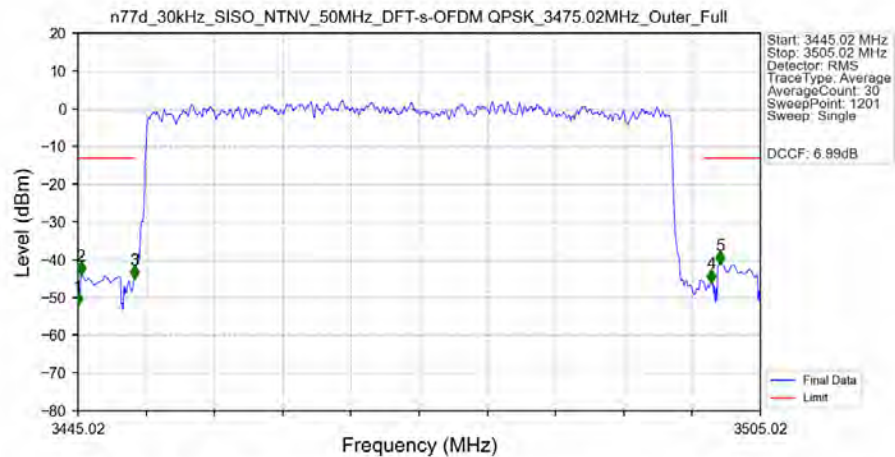
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	918.500	-53.32	-13	Pass

n77d 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left Ant0



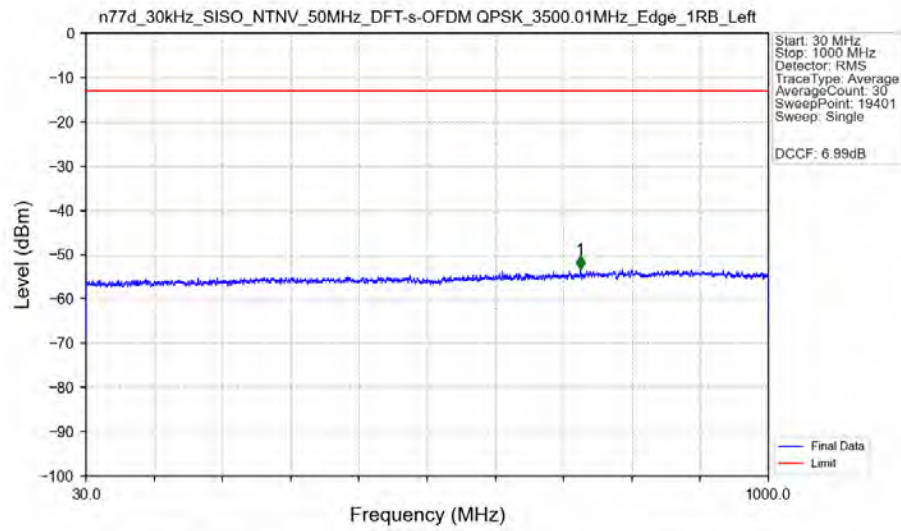
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.02	1	/	1	3310.500	-47.49	-13	Pass
3445.02	3505.02	1	/	/	/	/	/	/
3505.02	35500	1	/	2	34590.000	-34.37	-13	Pass

n77d 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Outer_Full Ant0

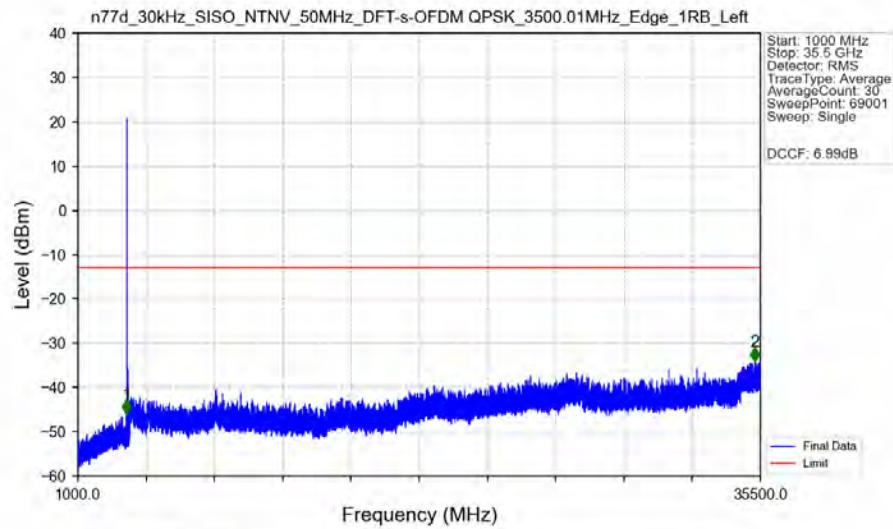


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-51.88	-13	Pass
3445.02	3449.02	0.5	CHP	2	3445.270	-43.85	-13	Pass
3449.02	3450.02	0.2	CHP	3	3449.970	-44.84	-13	Pass
3450.02	3500.02	0.2	CHP	/	/	/	/	/
3500.02	3501.02	0.2	CHP	4	3500.720	-45.85	-13	Pass
3501.02	3505.02	0.5	CHP	5	3501.470	-41.03	-13	Pass

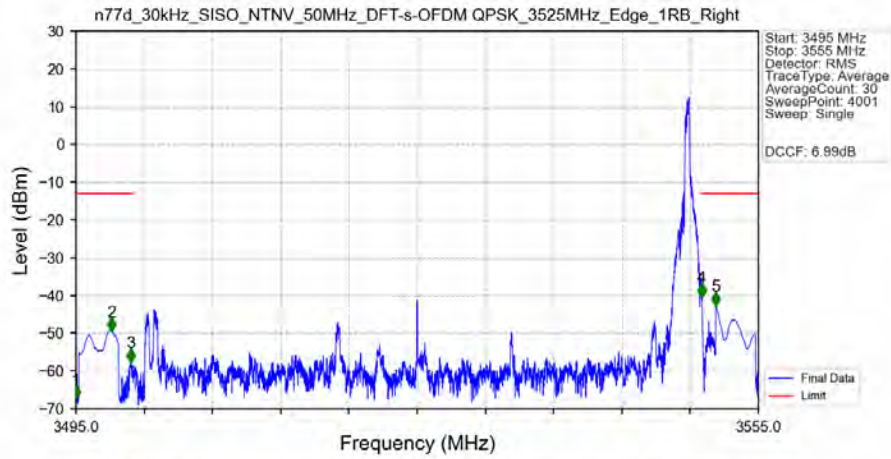
n77d 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant0



n77d 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant0

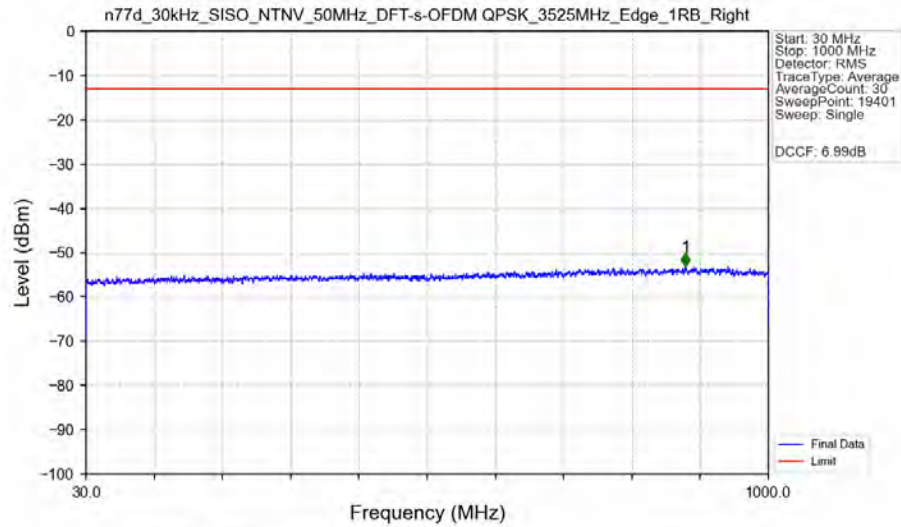


n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant0



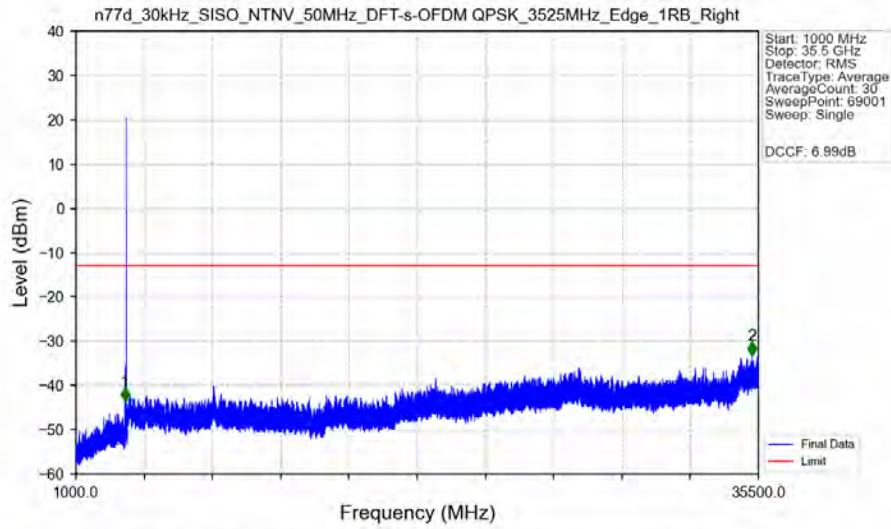
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-67.20	-13	Pass
3495	3499	0.5	CHP	2	3498.105	-49.12	-13	Pass
3499	3500	0.03	/	3	3499.845	-57.39	-13	Pass
3500	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	4	3550.035	-40.13	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-42.42	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant0



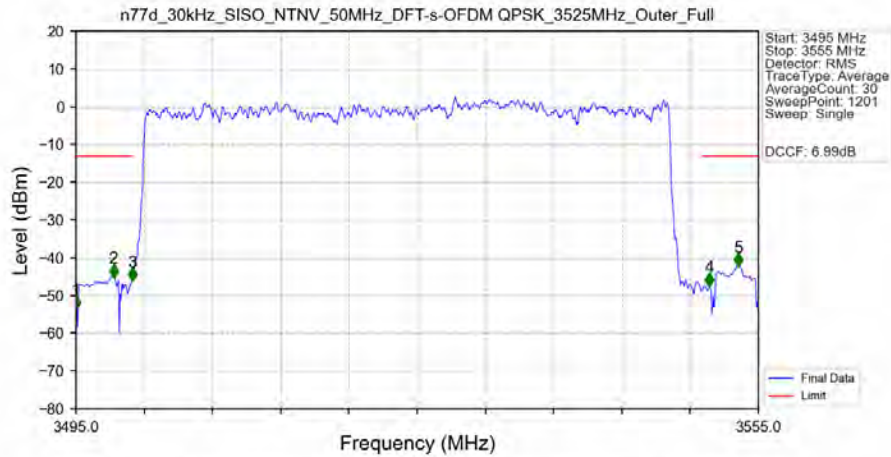
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	882.100	-53.16	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant0



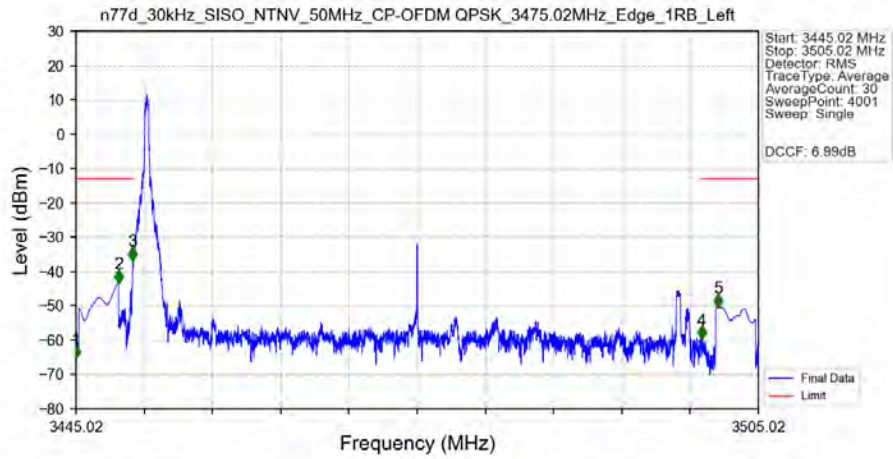
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3495	1	/	1	3490.000	-43.57	-13	Pass
3495	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35191.500	-33.22	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Outer_Full_Ant0



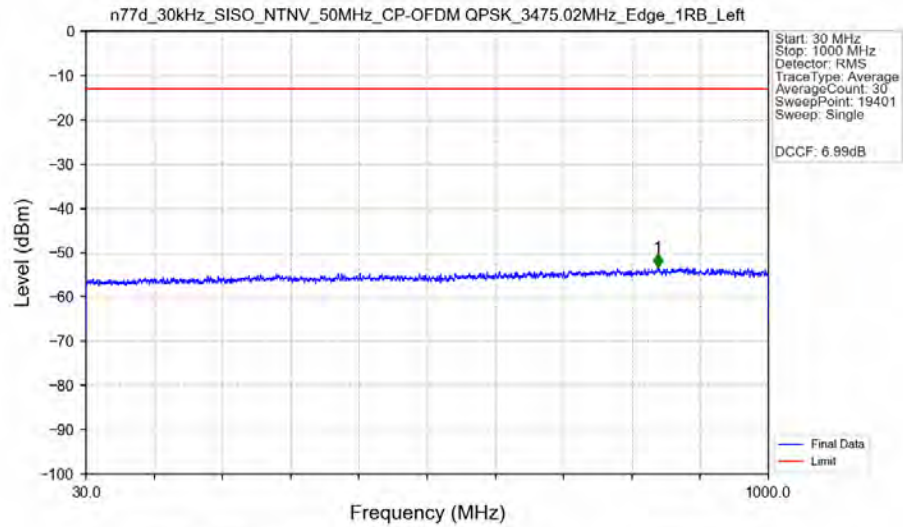
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-53.33	-13	Pass
3495	3499	0.5	CHP	2	3498.300	-44.97	-13	Pass
3499	3500	0.2	CHP	3	3499.950	-45.86	-13	Pass
3500	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.700	-47.31	-13	Pass
3551	3555	0.5	CHP	5	3553.200	-42.05	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Edge_1RB_Left_Ant0



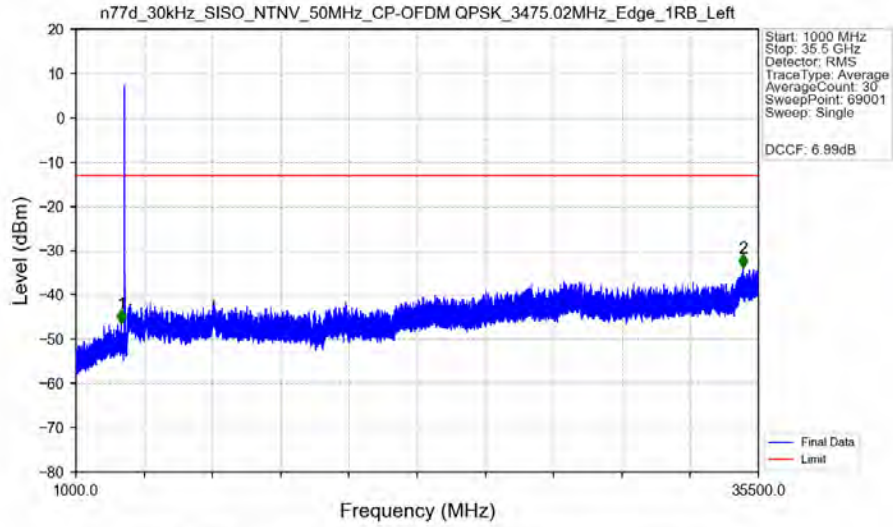
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-65.06	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-43.09	-13	Pass
3449.02	3450.02	0.03	/	3	3450.015	-36.50	-13	Pass
3450.02	3500.02	0.03	/	/	/	/	/	/
3500.02	3501.02	0.03	/	4	3500.025	-59.39	-13	Pass
3501.02	3505.02	0.5	CHP	5	3501.495	-50.13	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Edge_1RB_Left_Ant0



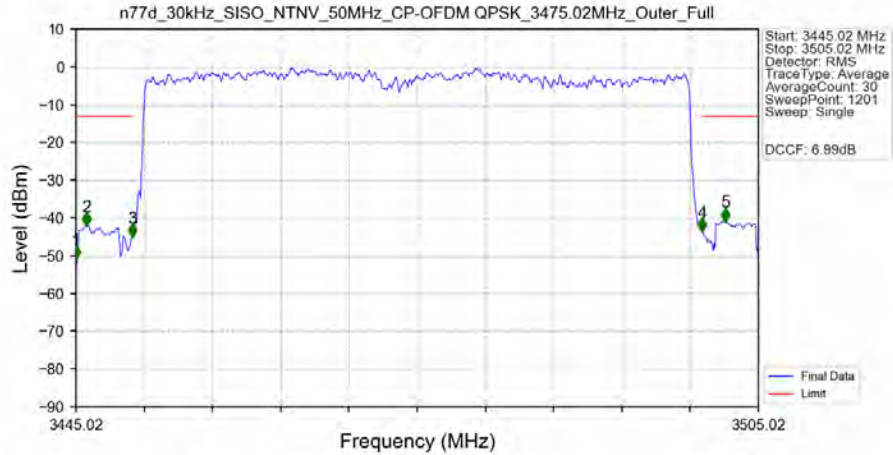
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	842.600	-53.23	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Edge_1RB_Left_Ant0



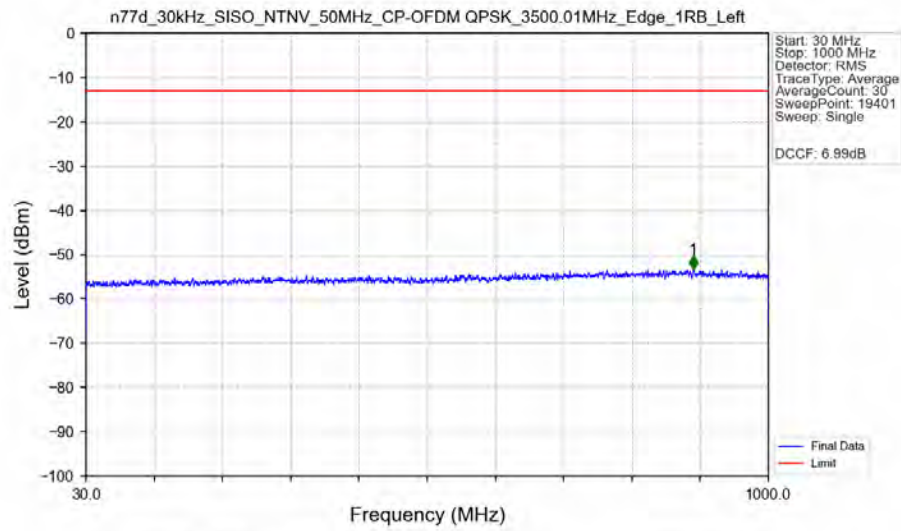
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.02	1	/	1	3289.000	-46.47	-13	Pass
3445.02	3505.02	1	/	/	/	/	/	/
3505.02	35500	1	/	2	34726.500	-33.84	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Outer_Full_Ant0

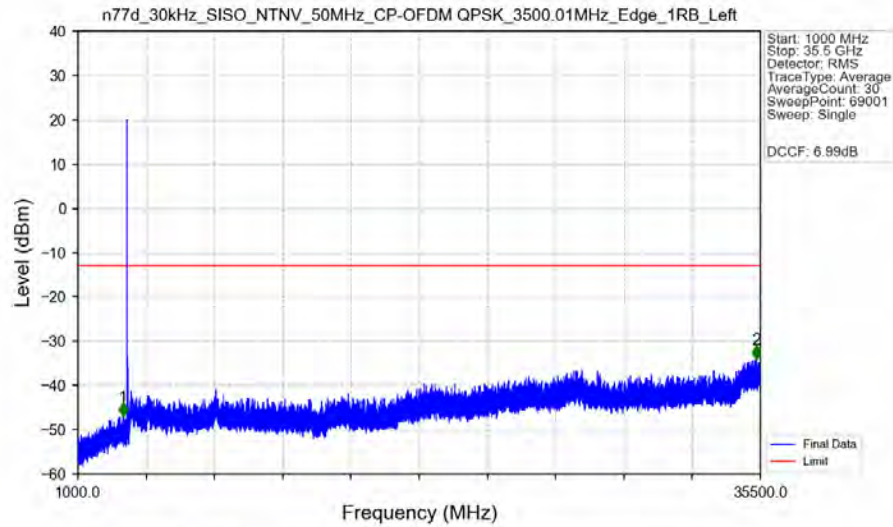


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-50.53	-13	Pass
3445.02	3449.02	0.5	CHP	2	3445.920	-41.88	-13	Pass
3449.02	3450.02	0.2	CHP	3	3449.970	-44.77	-13	Pass
3450.02	3500.02	0.2	CHP	/	/	/	/	/
3500.02	3501.02	0.2	CHP	4	3500.070	-43.34	-13	Pass
3501.02	3505.02	0.5	CHP	5	3502.120	-40.66	-13	Pass

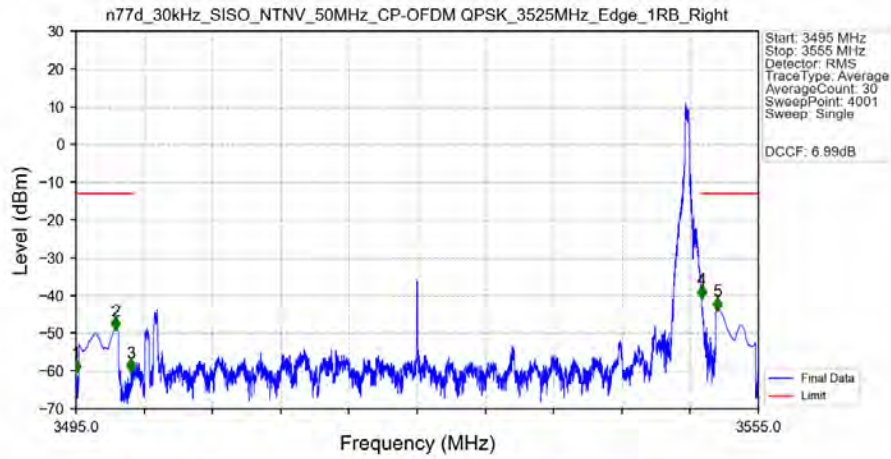
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0



n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0

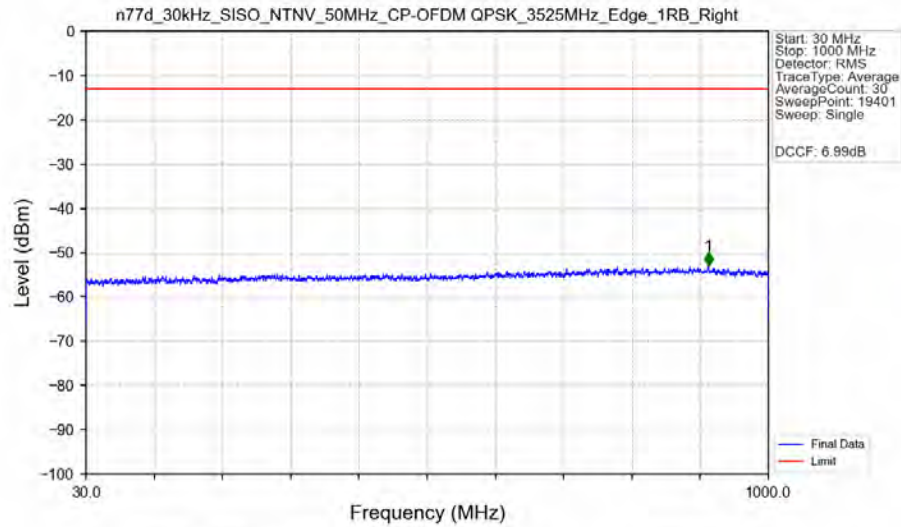


n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant0



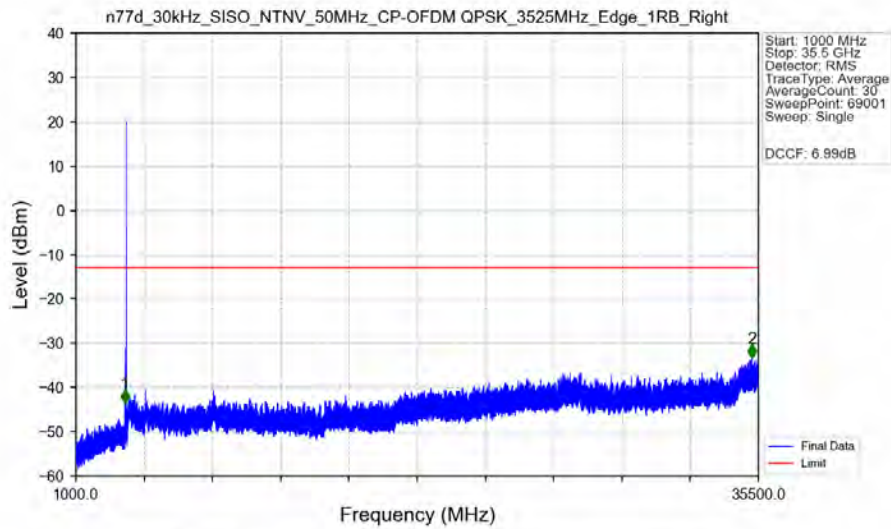
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-60.16	-13	Pass
3495	3499	0.5	CHP	2	3498.510	-48.98	-13	Pass
3499	3500	0.03	/	3	3499.845	-60.04	-13	Pass
3500	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	4	3550.020	-40.57	-13	Pass
3551	3555	0.5	CHP	5	3551.355	-43.74	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant0



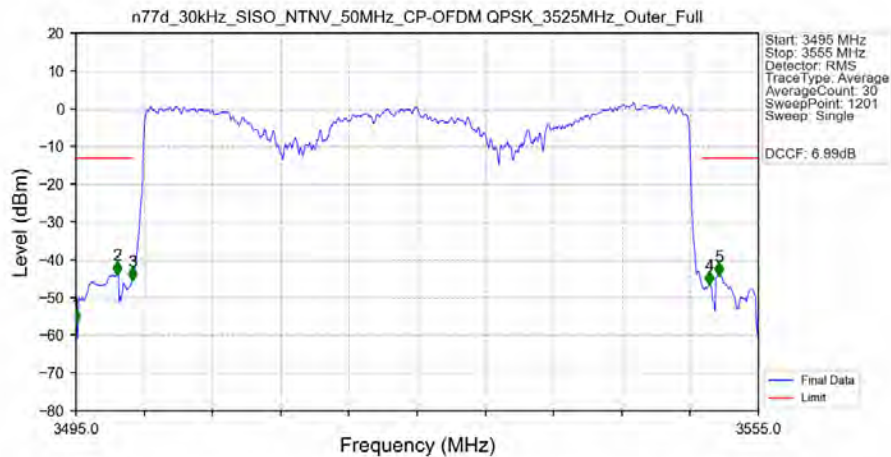
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	914.900	-53.01	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Edge_1RB_Right_Ant0



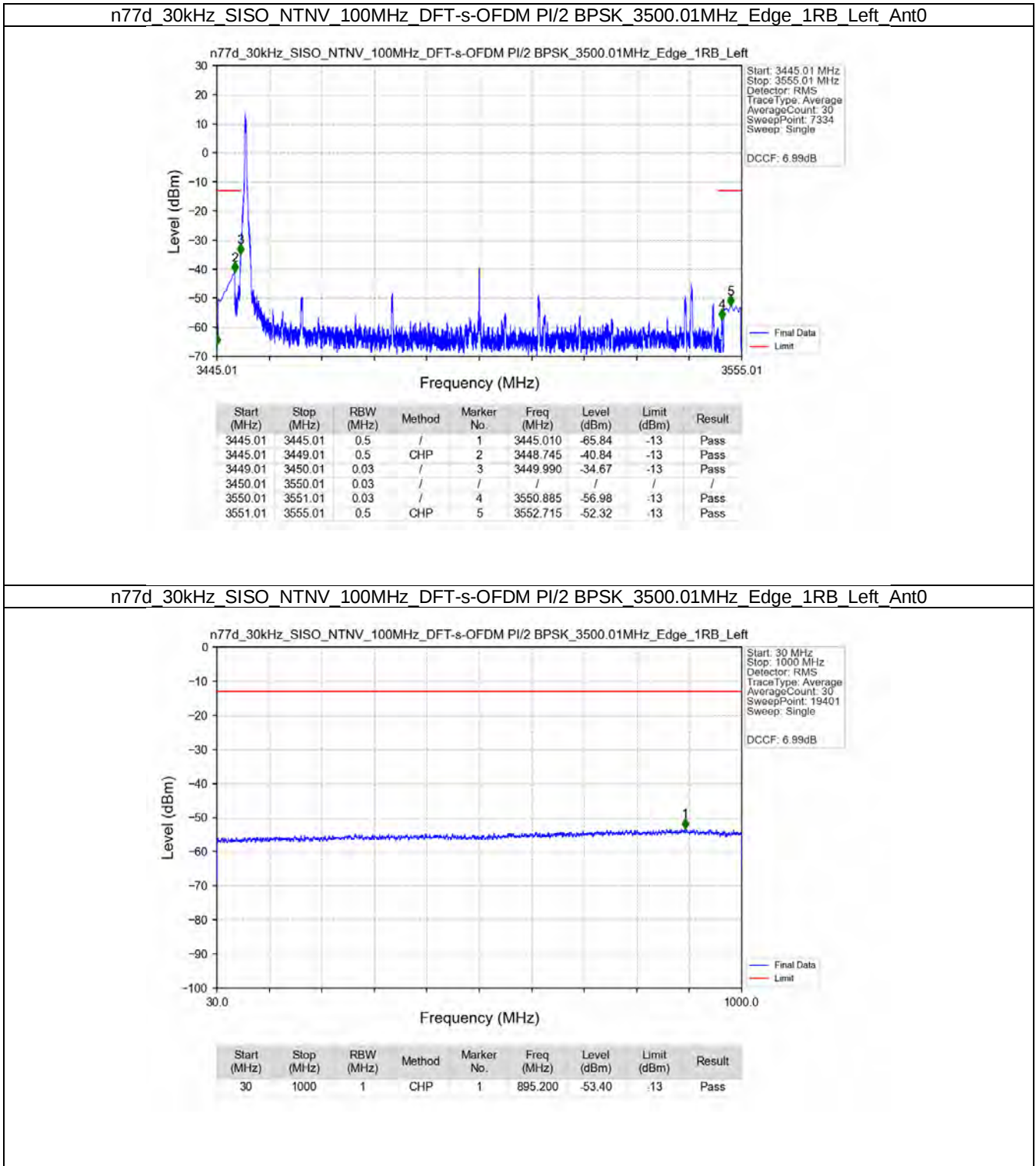
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3495	1	/	1	3488.000	-43.57	-13	Pass
3495	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35161.500	-33.35	-13	Pass

n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Outer_Full_Ant0

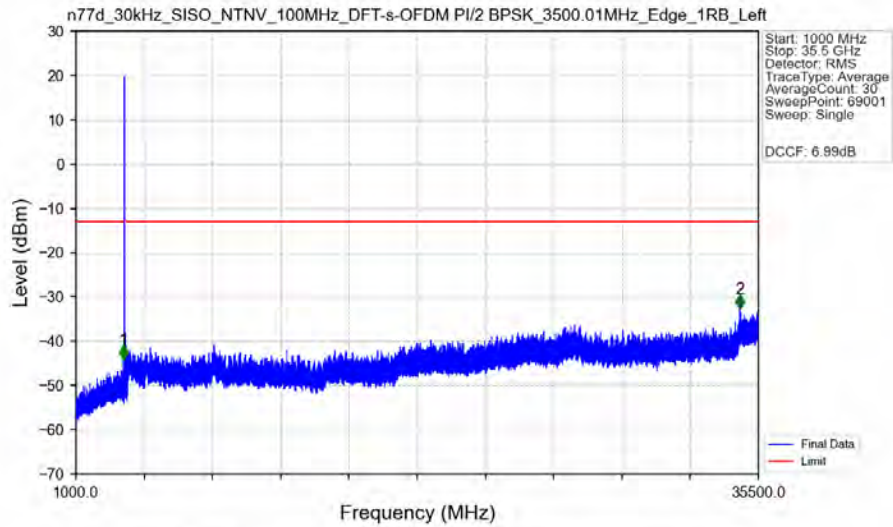


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3495	3495	0.5	/	1	3495.000	-56.59	-13	Pass
3495	3499	0.5	CHP	2	3498.650	-43.68	-13	Pass
3499	3500	0.2	CHP	3	3499.950	-45.24	-13	Pass
3500	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.700	-46.30	-13	Pass
3551	3555	0.5	CHP	5	3551.550	-44.01	-13	Pass

5.2.3 30k_SISO_100MHz_NTNV

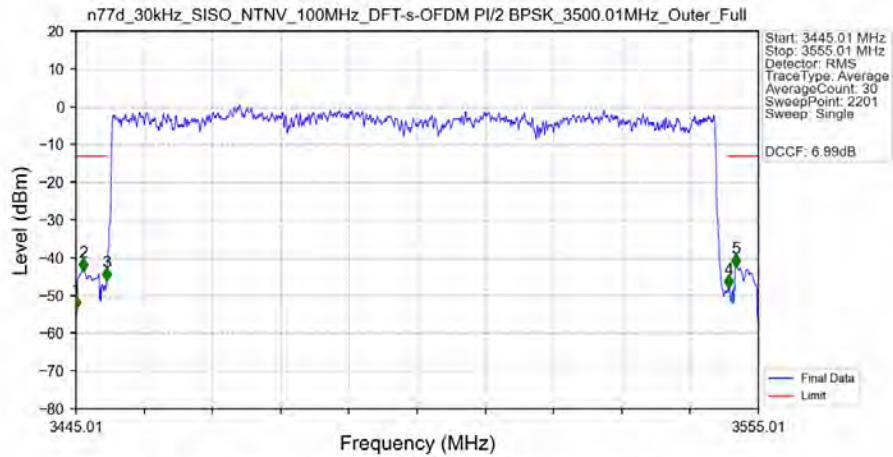


n77d 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Edge 1RB Left Ant0



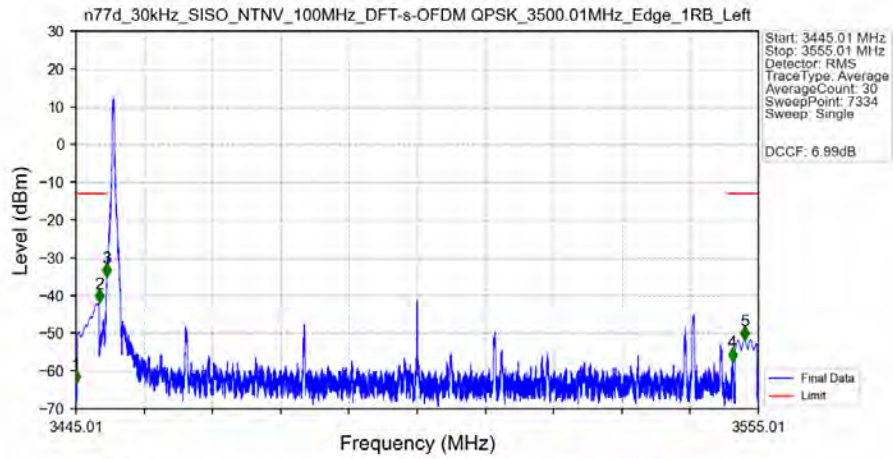
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3402.000	-44.12	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	34557.000	-32.65	-13	Pass

n77d 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3500.01MHz Outer_Full Ant0



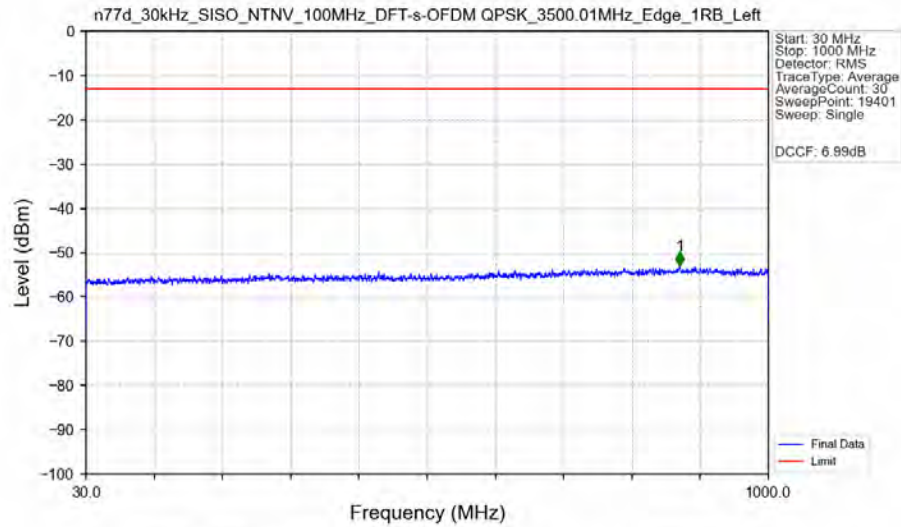
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-53.31	-13	Pass
3445.01	3449.01	0.5	CHP	2	3446.160	-43.40	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-45.96	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.260	-47.91	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.360	-42.34	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0



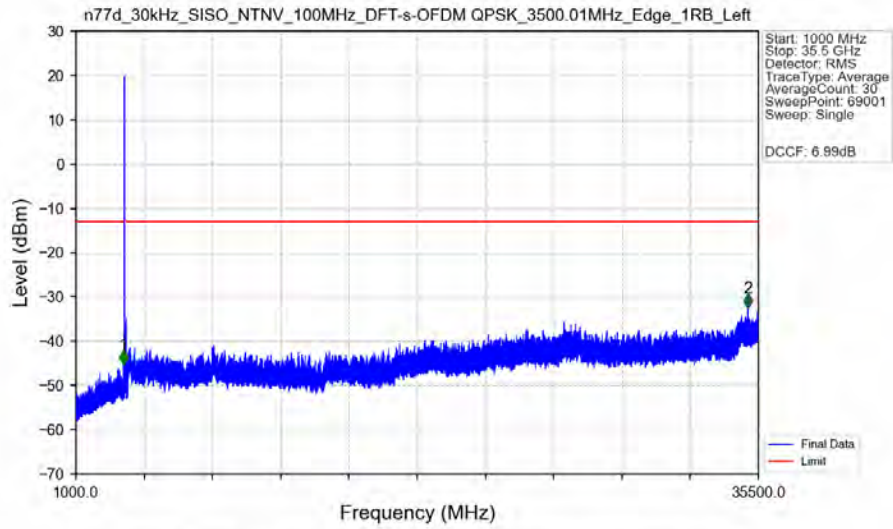
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-63.02	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-41.76	-13	Pass
3449.01	3450.01	0.03	/	3	3450.005	-34.89	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.855	-57.18	-13	Pass
3551.01	3555.01	0.5	CHP	5	3552.790	-51.53	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0



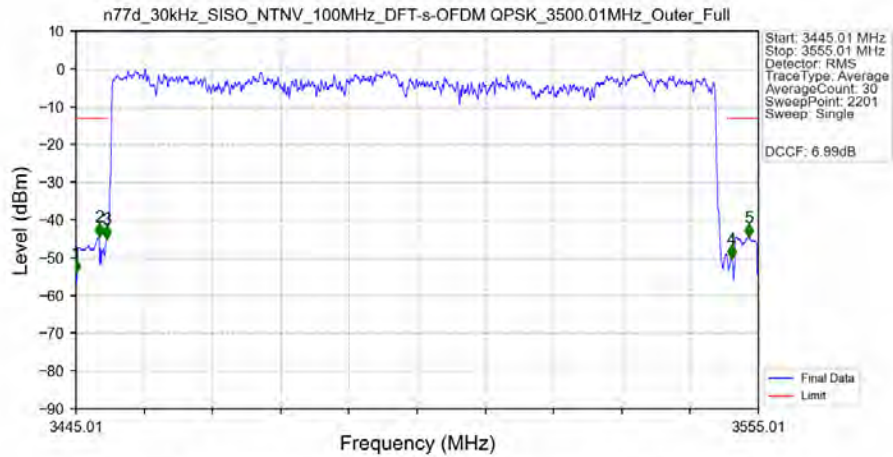
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	874.300	-52.98	-13	Pass

n77d 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant0



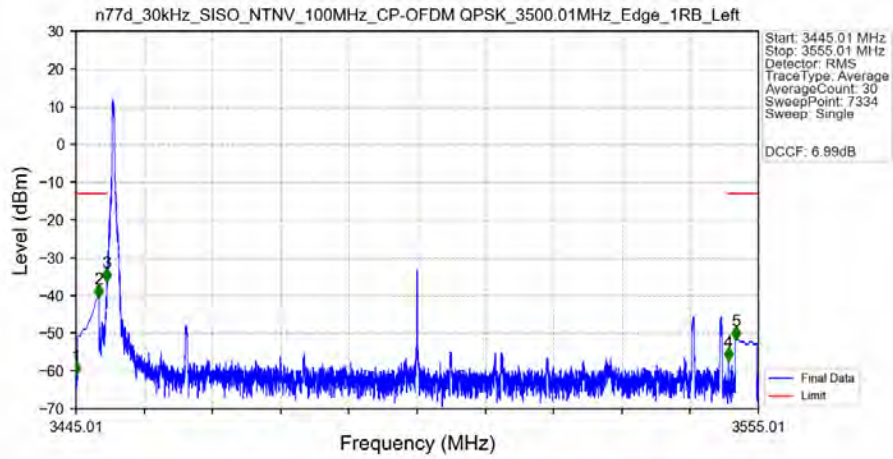
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3402.000	-45.10	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	34970.500	-32.39	-13	Pass

n77d 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Outer_Full Ant0

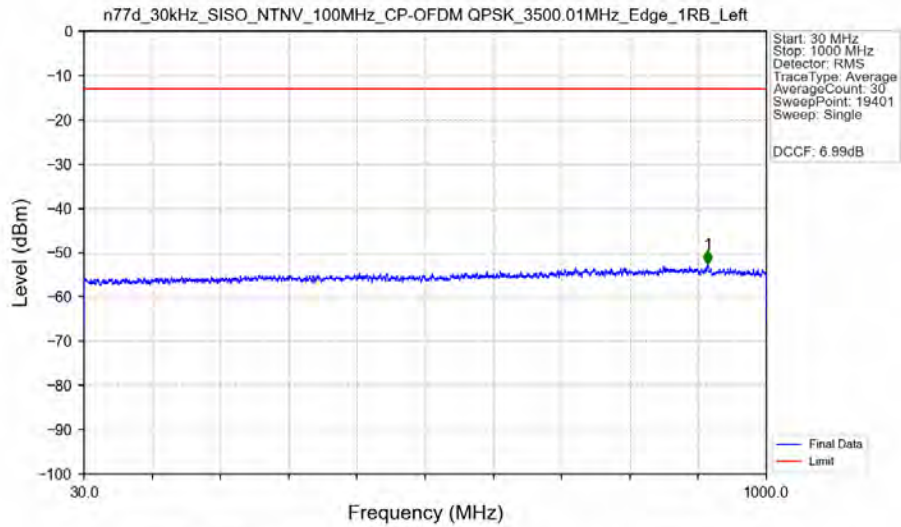


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-53.68	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.760	-44.08	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-44.73	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.660	-50.01	-13	Pass
3551.01	3555.01	0.5	CHP	5	3553.410	-44.26	-13	Pass

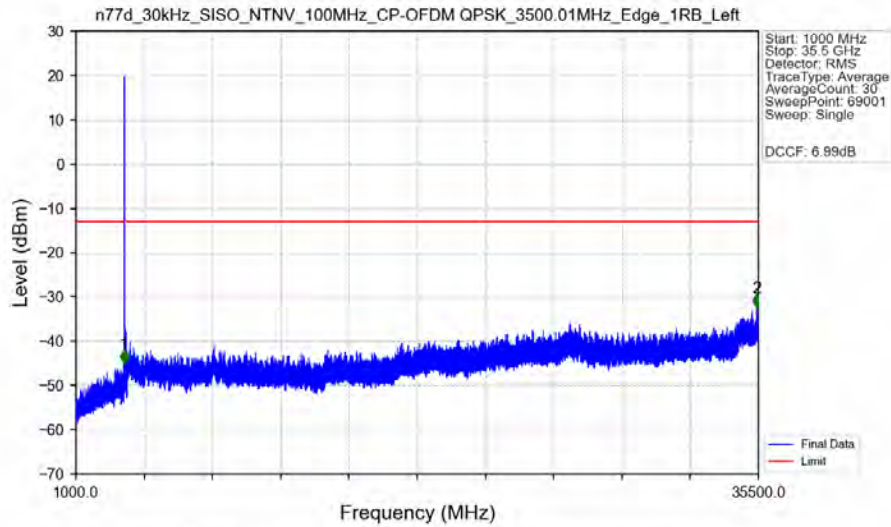
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0

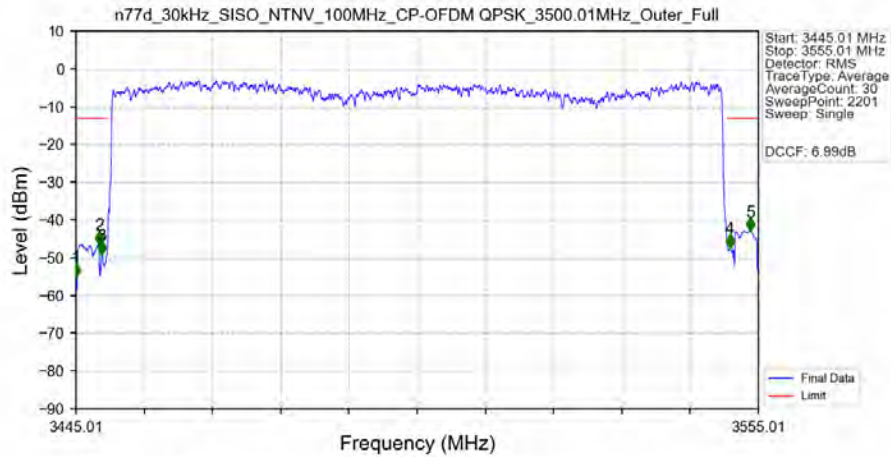


n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3442.500	-44.93	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35410.500	-32.40	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-54.77	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.760	-46.18	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.210	-48.93	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.460	-47.08	-13	Pass
3551.01	3555.01	0.5	CHP	5	3553.710	-42.73	-13	Pass

6. Field Strength of Spurious Radiation

NR N77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910.0	-55.81	-13	-42.81	-61.91	4.91	11.01	Horizontal	Pass
10365.0	-48.33	-13	-35.33	-55.91	5.52	13.1	Horizontal	Pass
13820.0	-54.91	-13	-41.91	-63.08	6.21	14.38	Horizontal	Pass
6910.0	-59.2	-13	-46.2	-65.3	4.91	11.01	Vertical	Pass
10365.0	-53.58	-13	-40.58	-61.16	5.52	13.1	Vertical	Pass
13820.0	-54.8	-13	-41.8	-62.97	6.21	14.38	Vertical	Pass