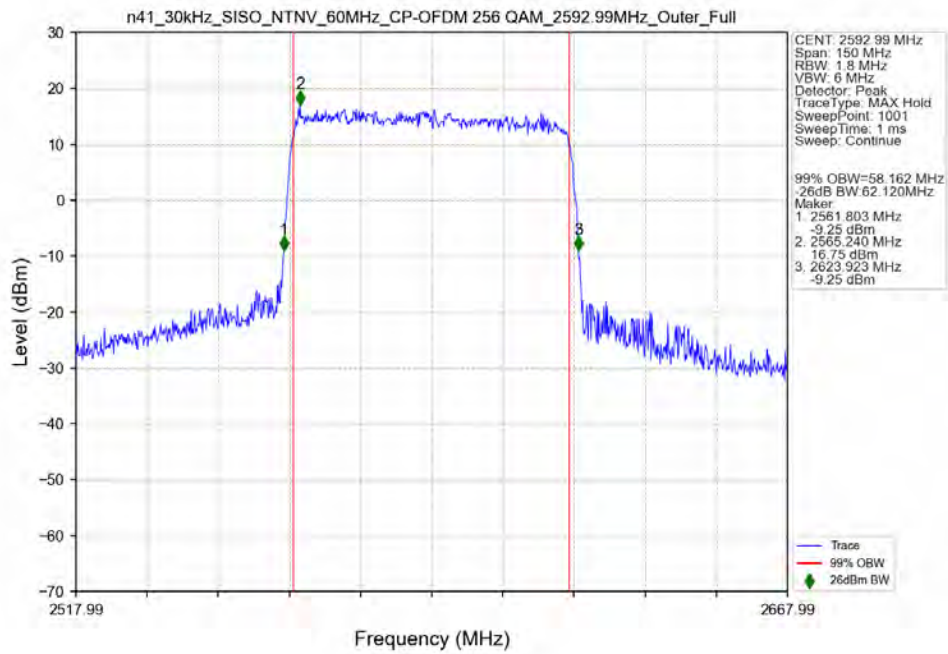
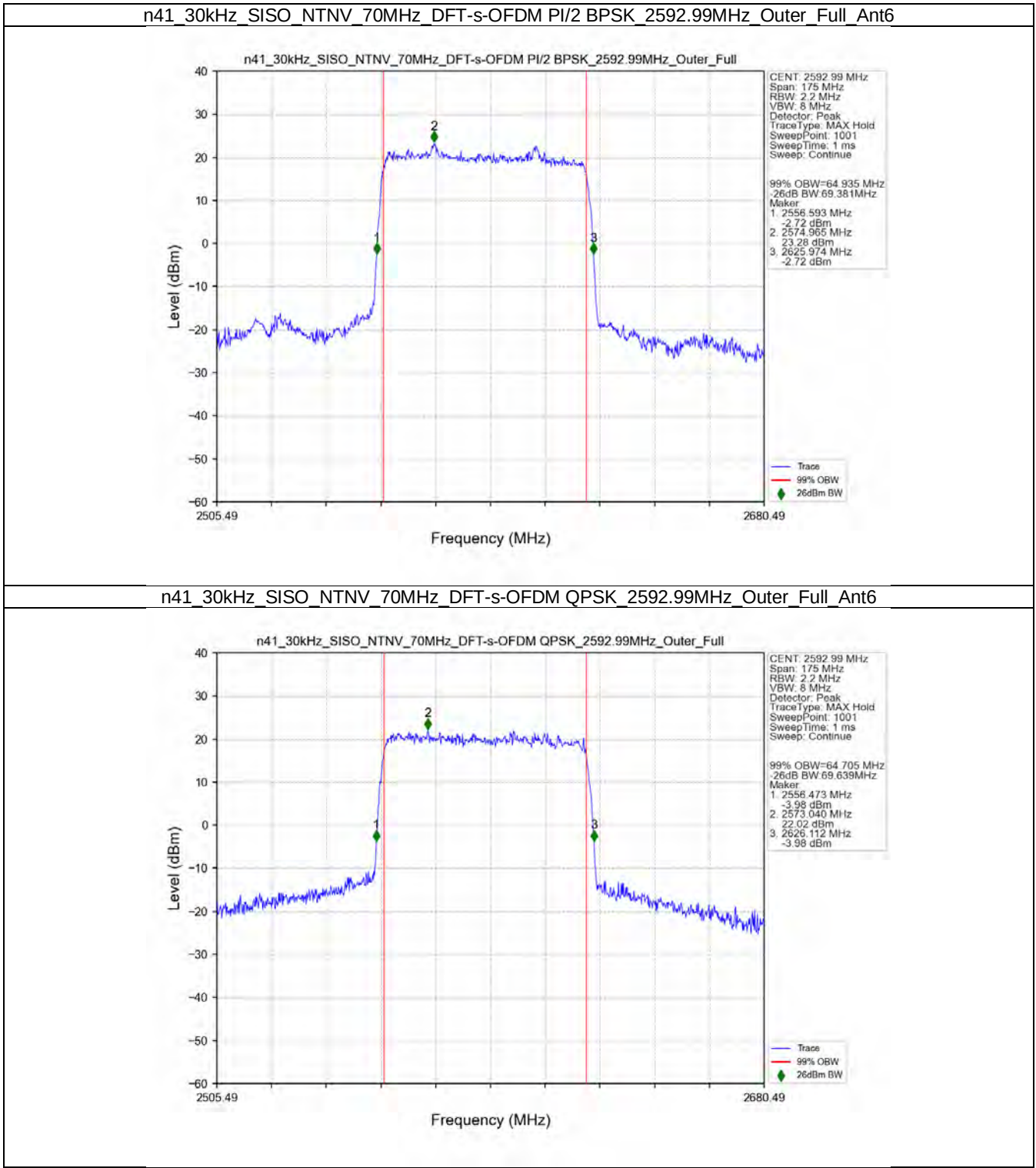


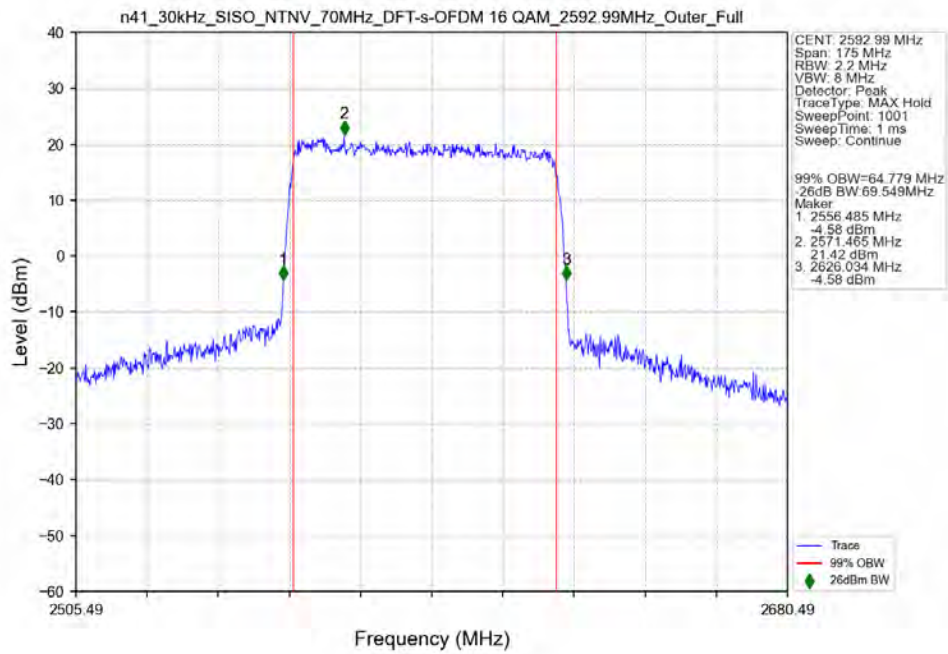
n41_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



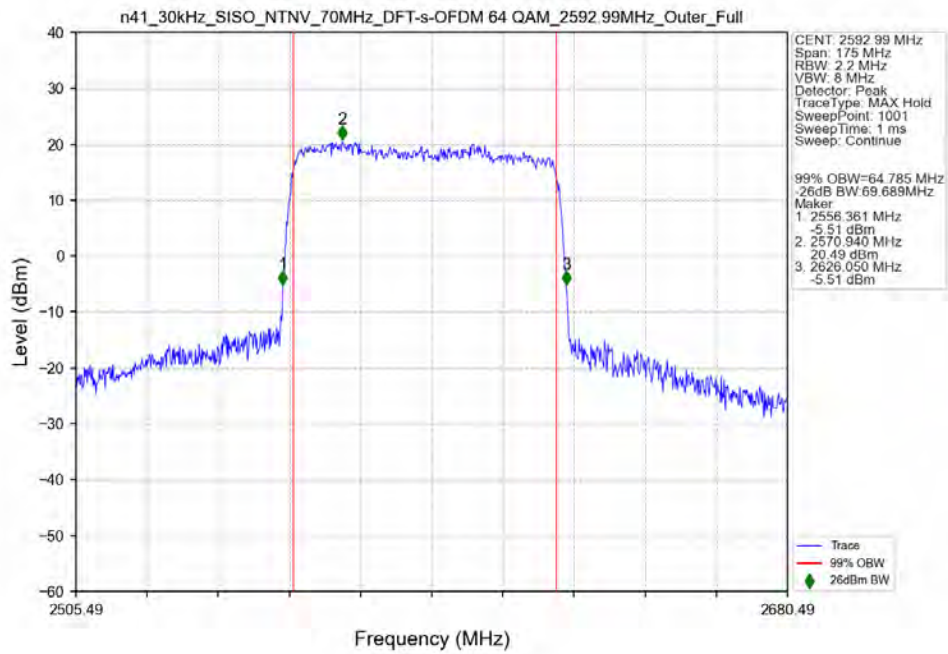
3.2.9 30k_SISO_70MHz_NTNV



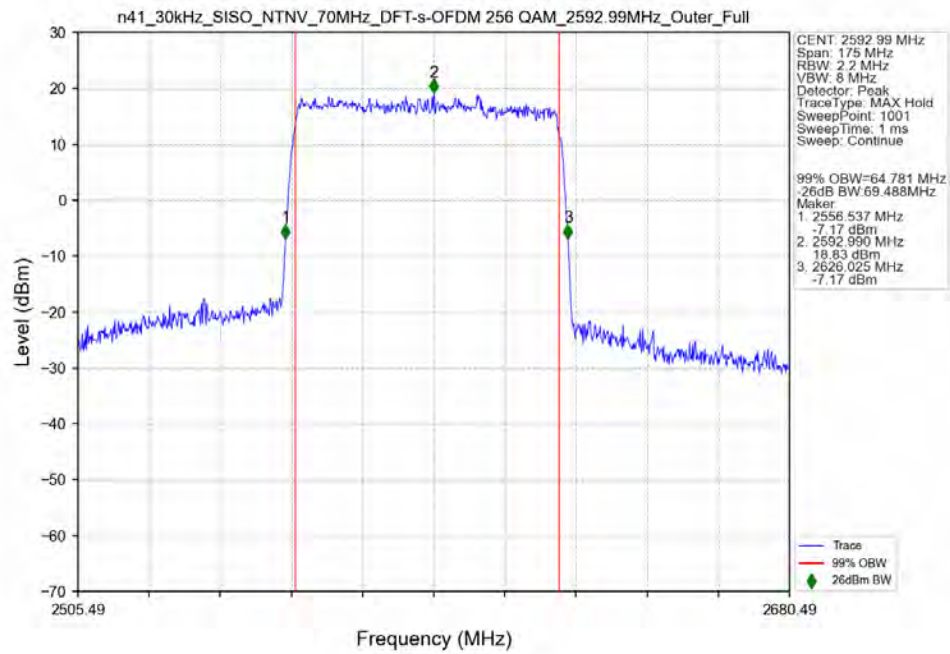
n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant6



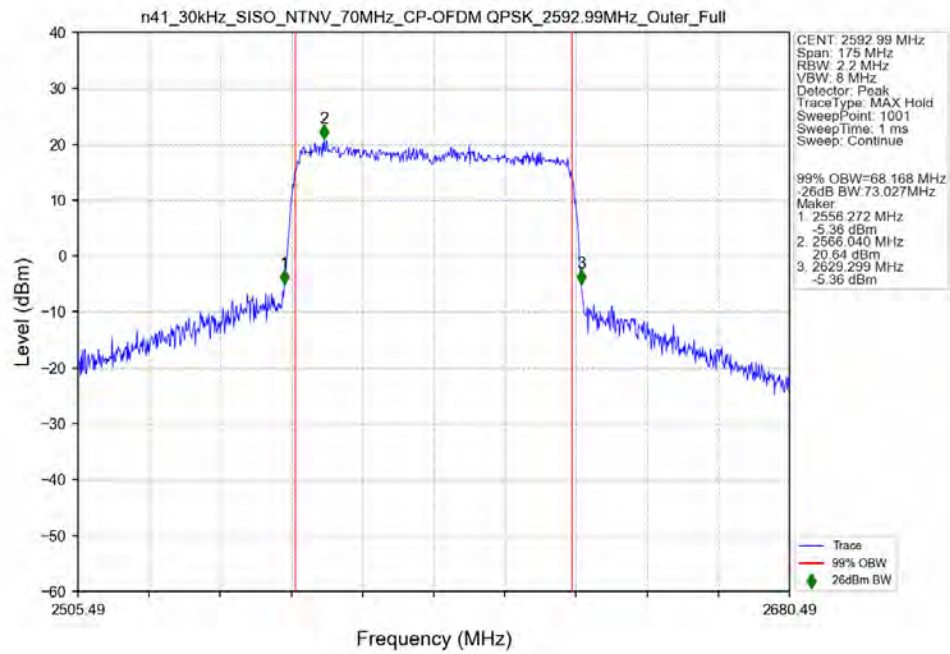
n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant6



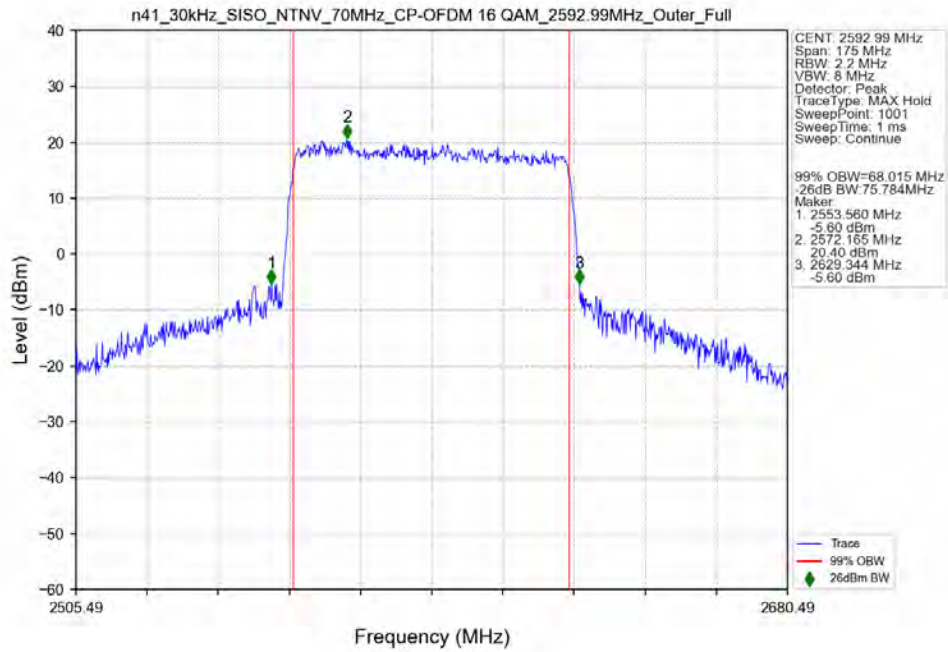
n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



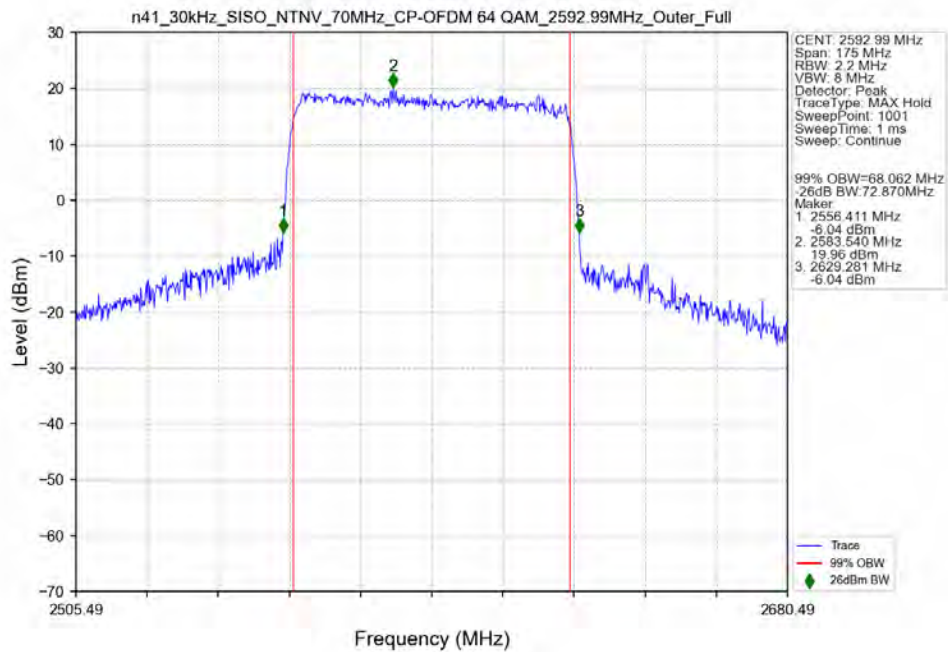
n41_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6

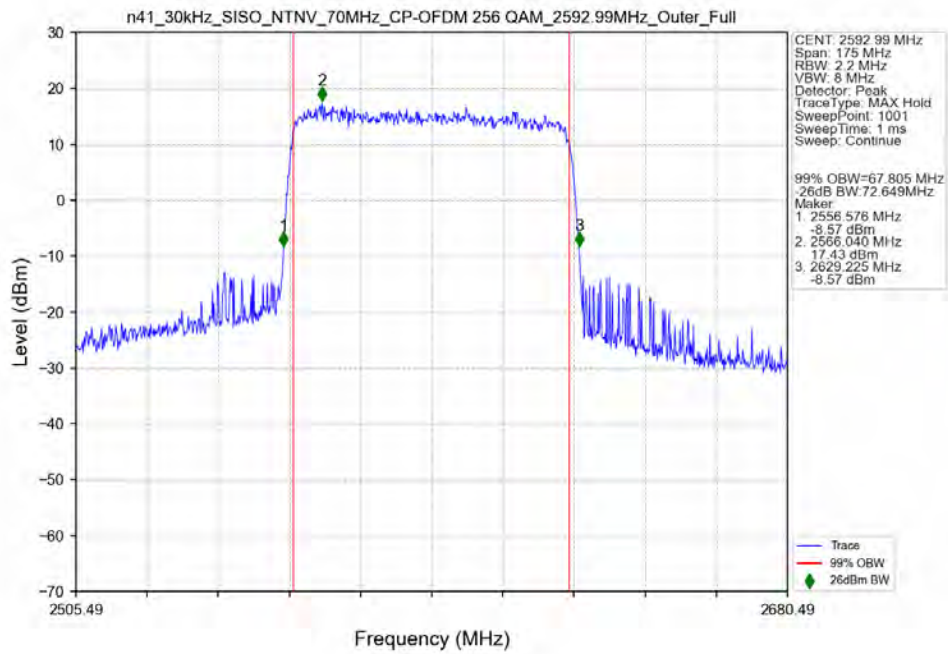


n41_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6

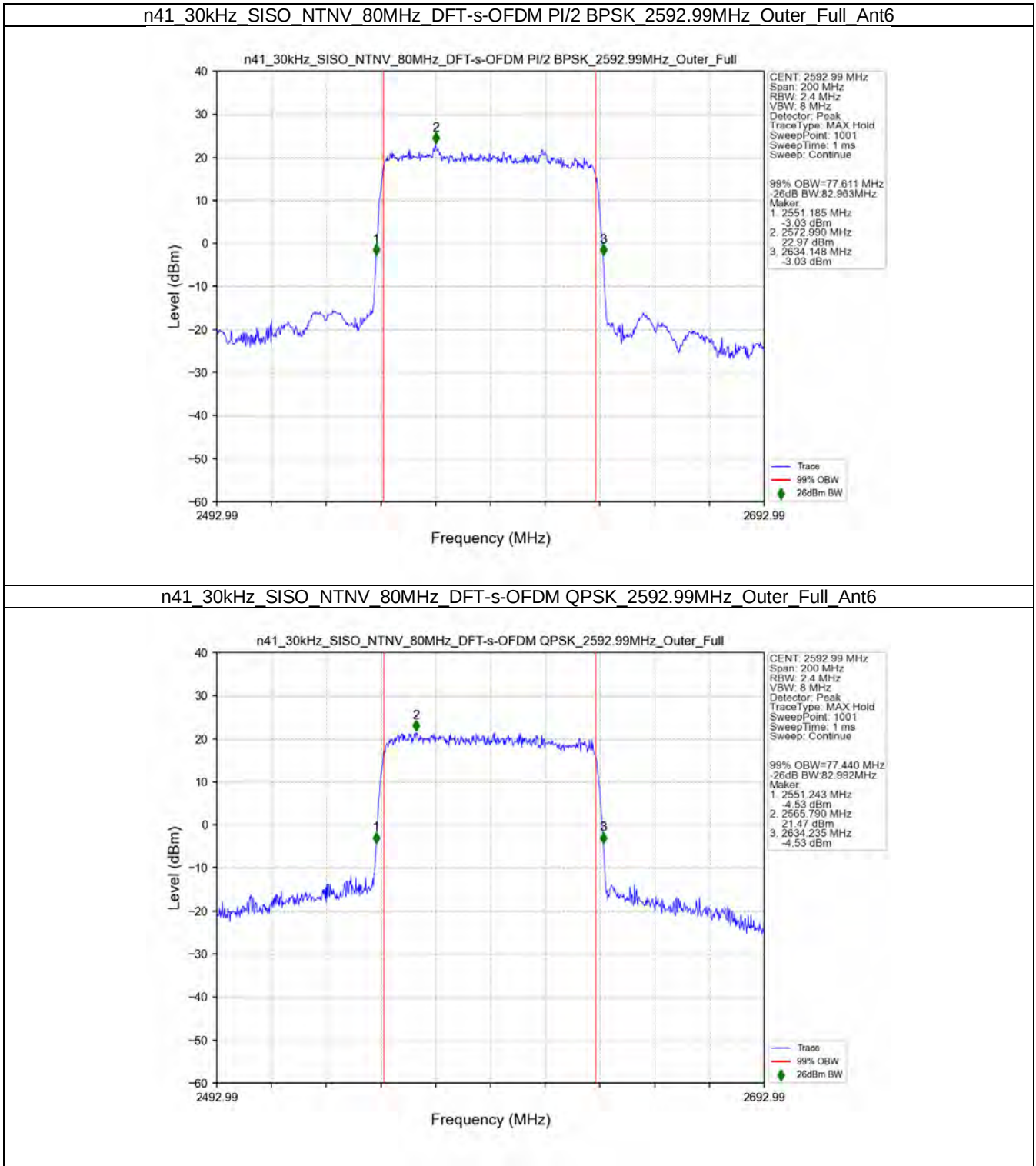


n41_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6

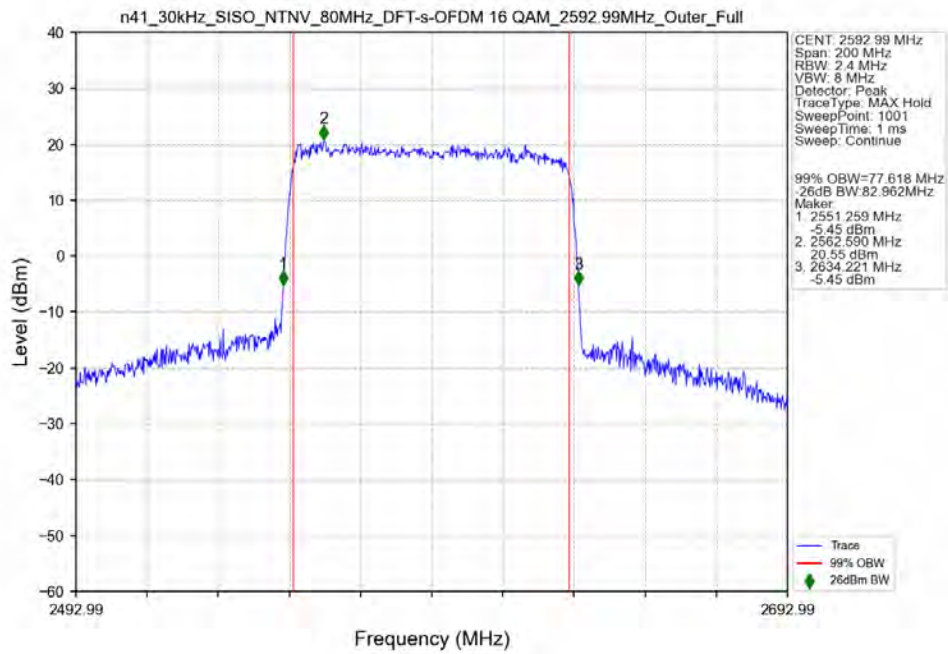




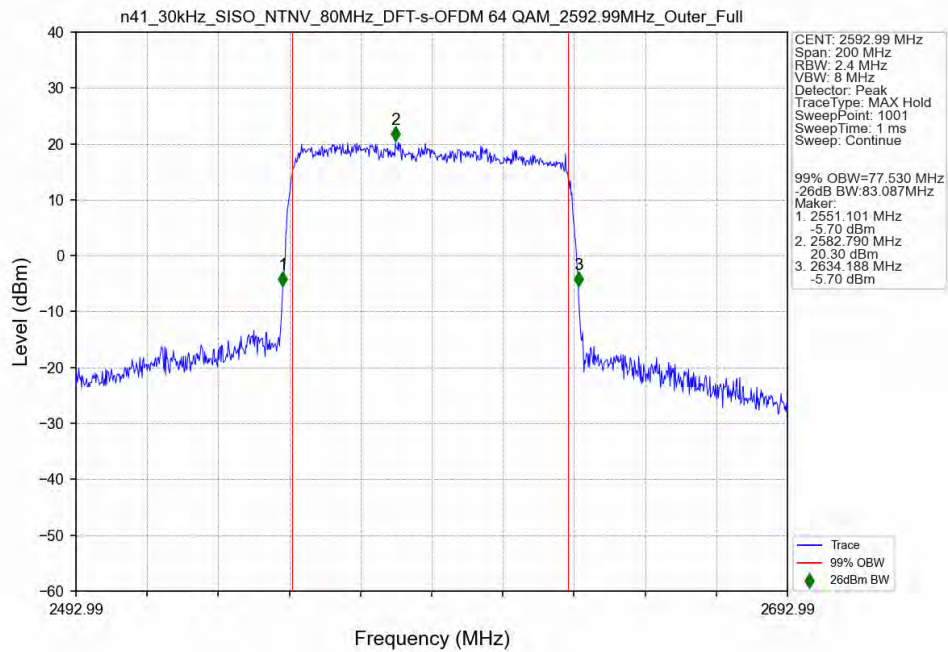
3.2.10 30k_SISO_80MHz_NTNV



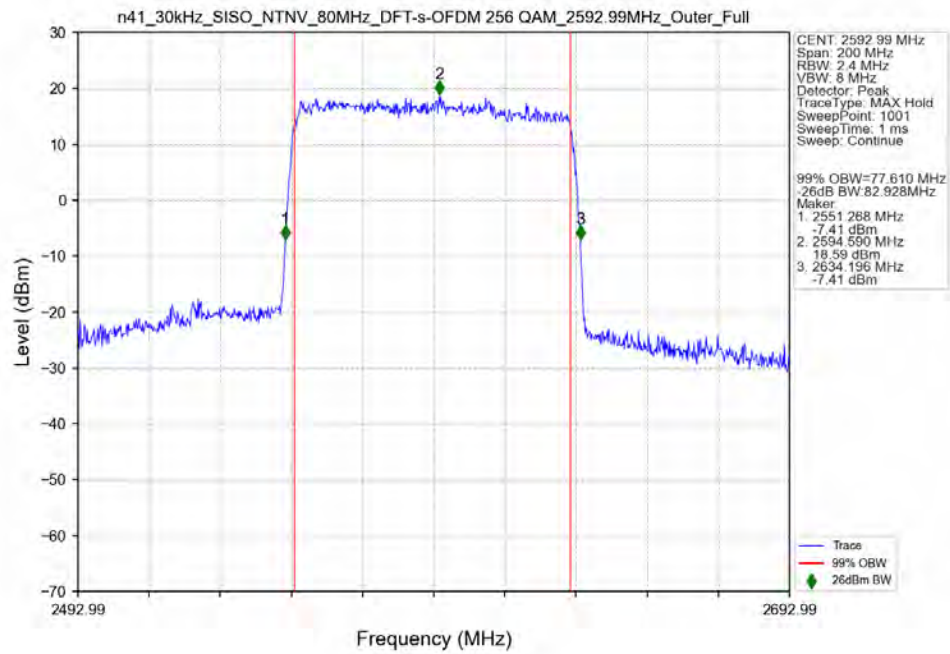
n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant6



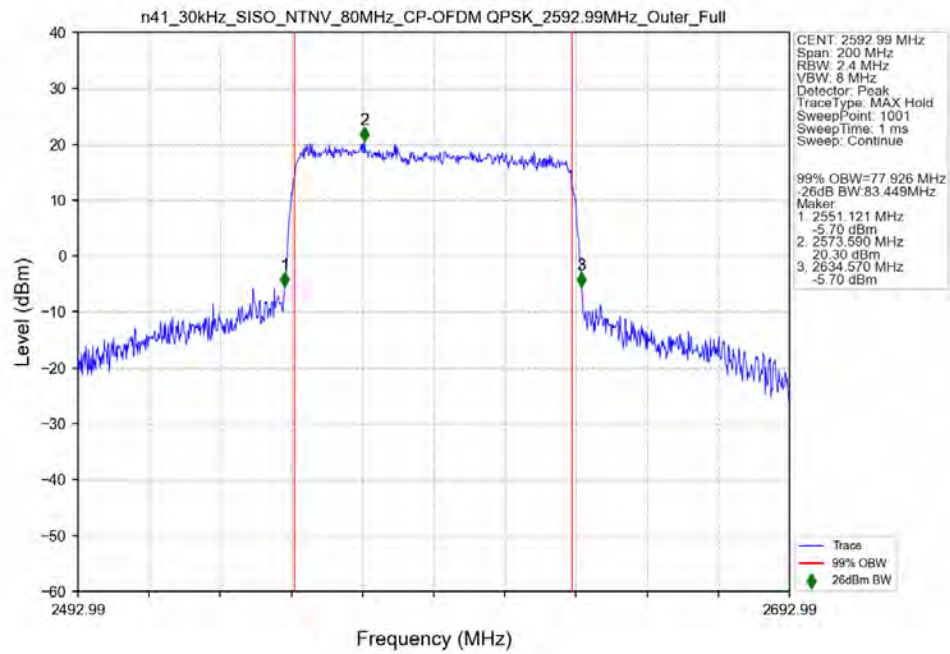
n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant6



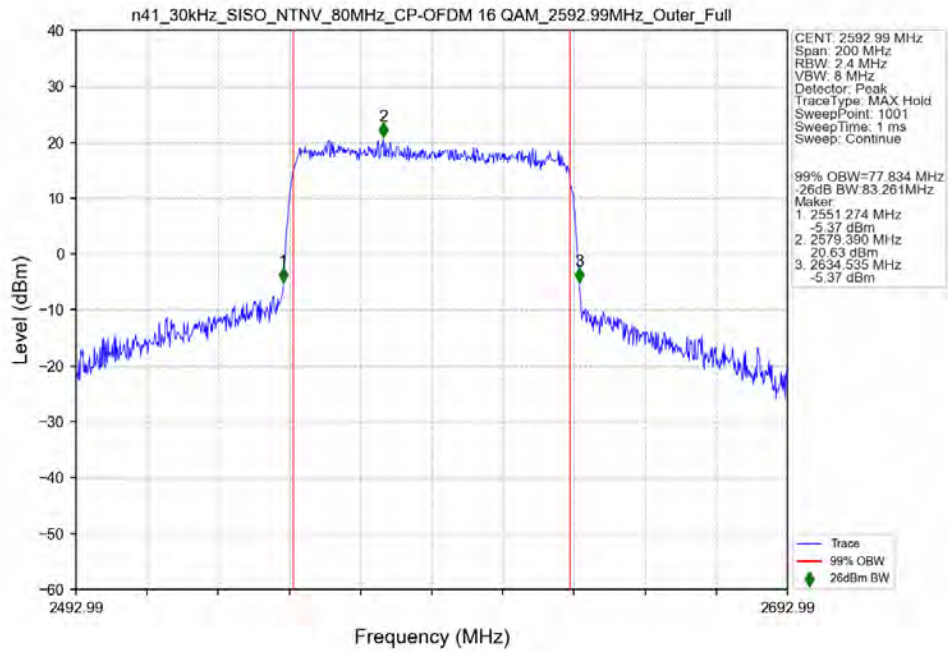
n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



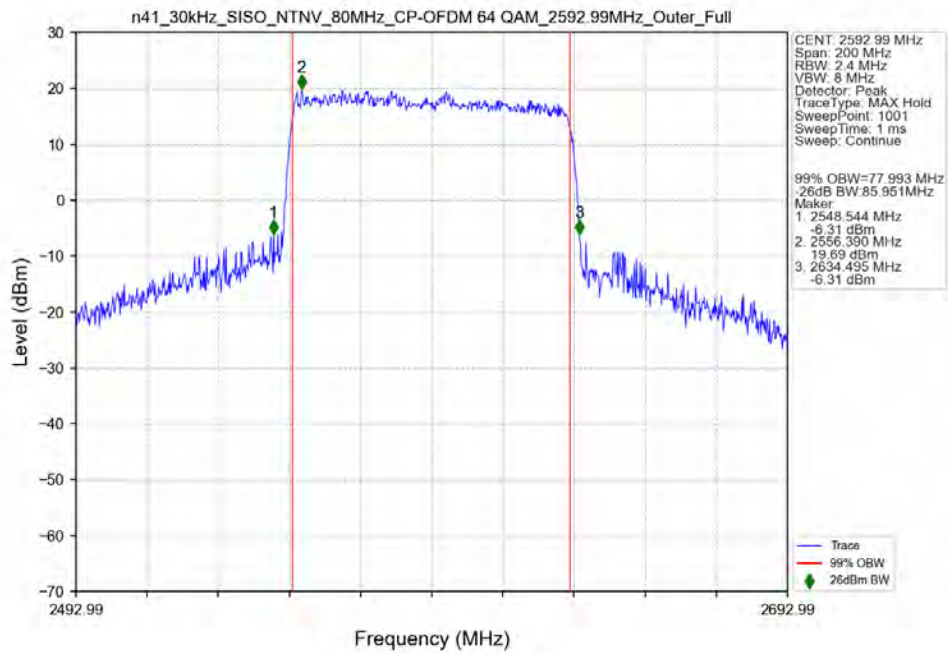
n41_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6



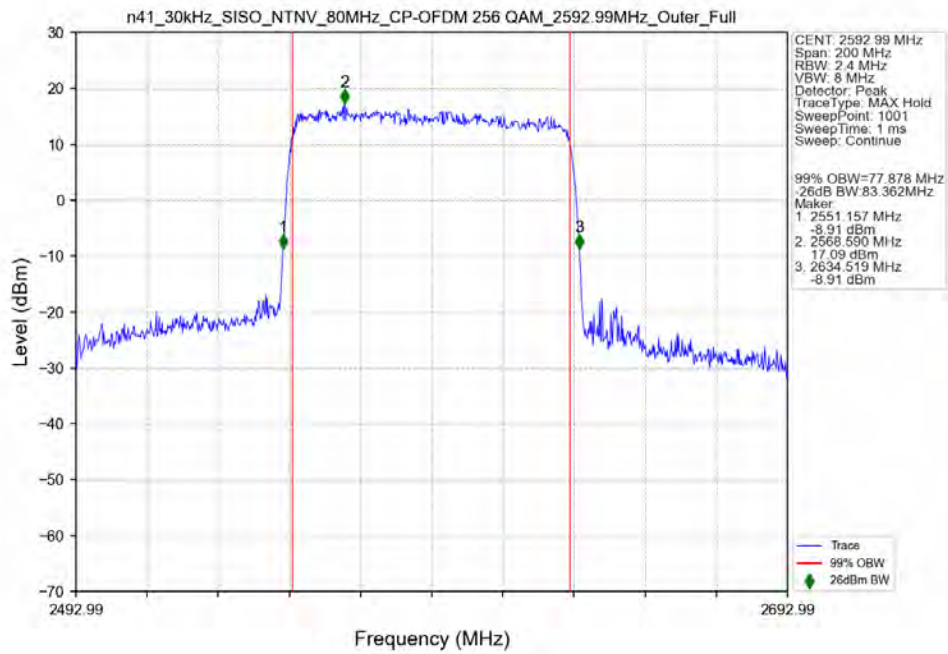
n41_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6



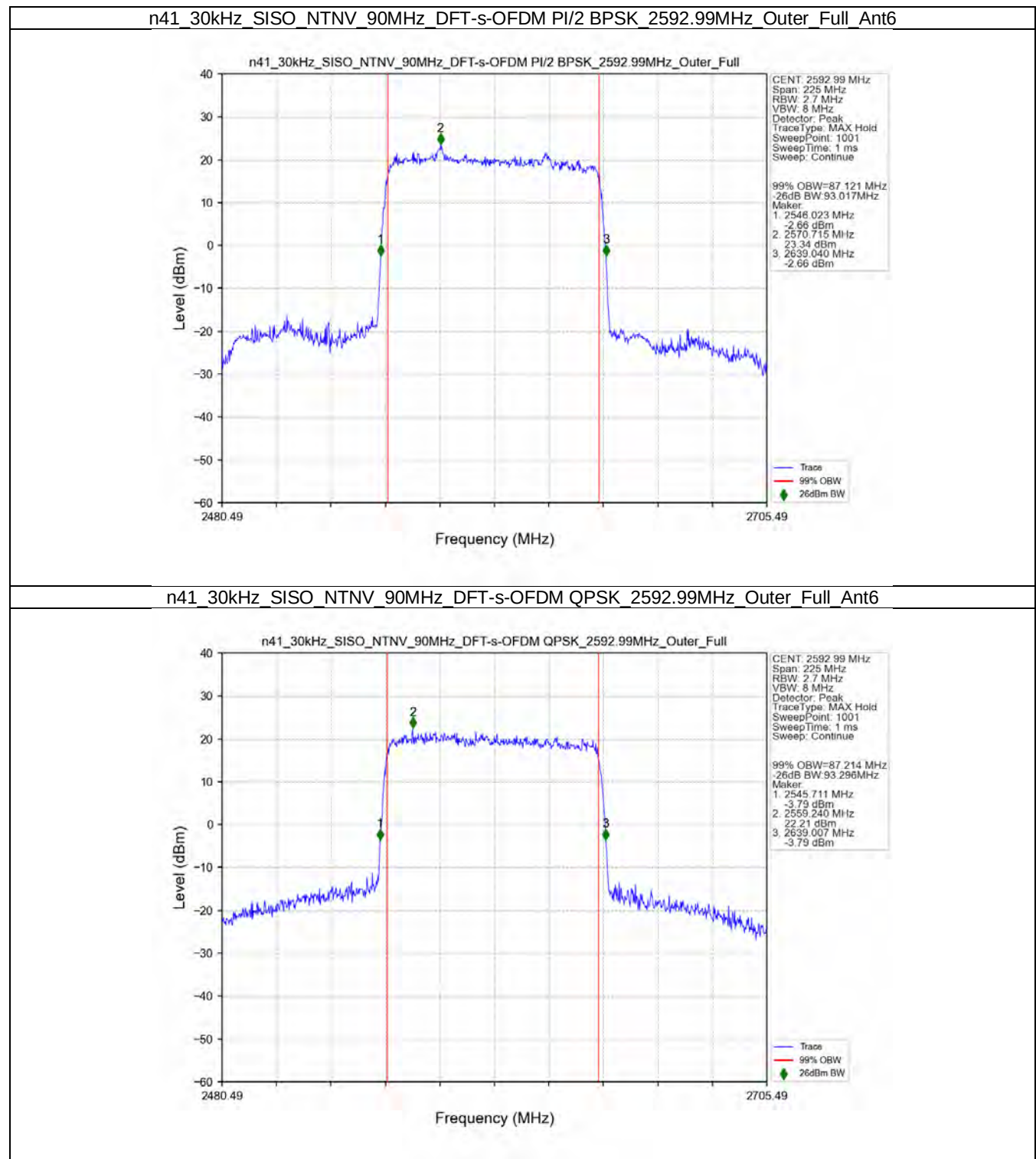
n41_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6



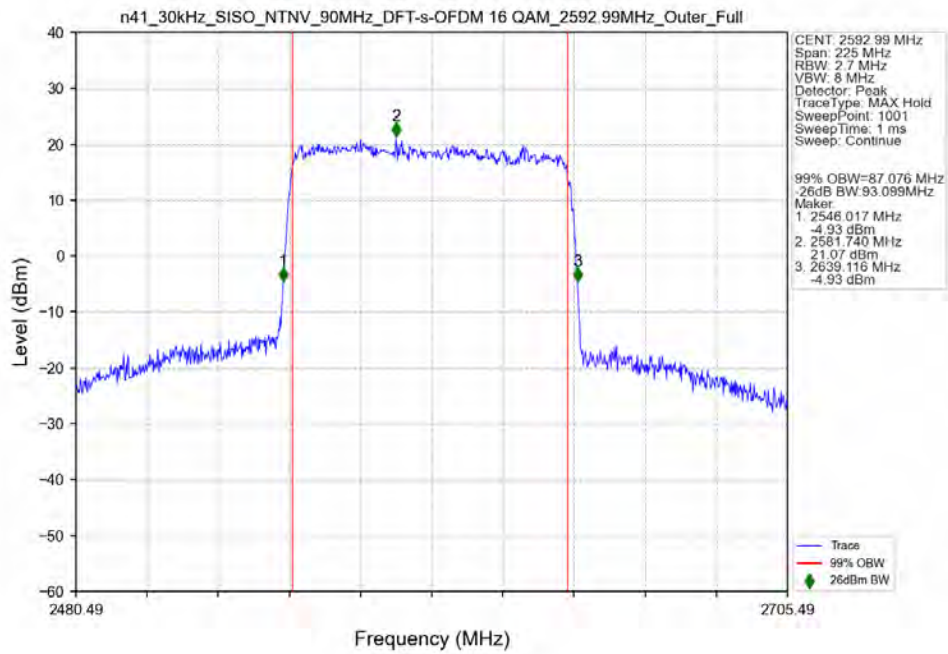
n41_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



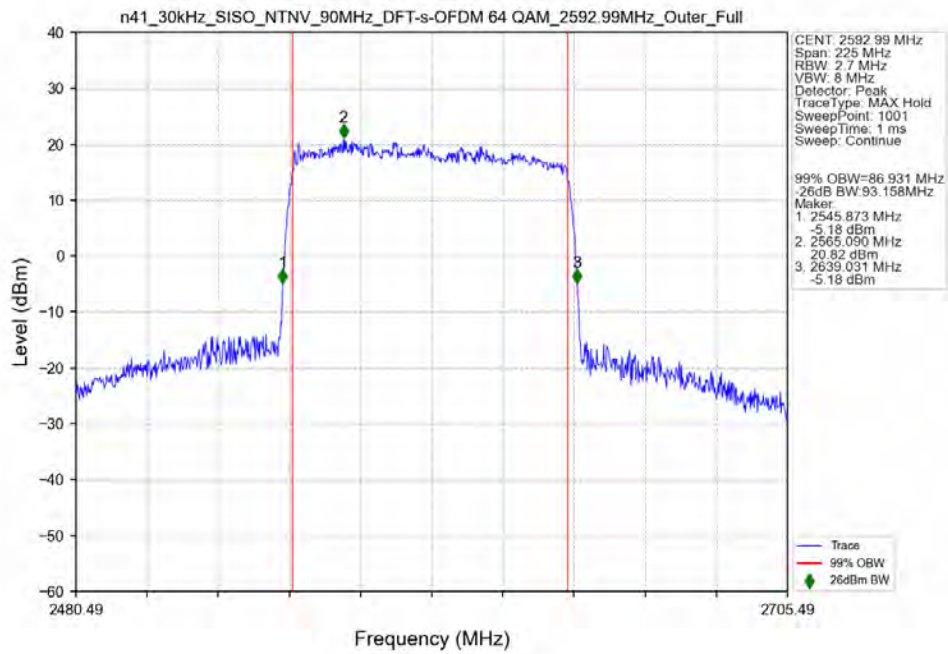
3.2.11 30k_SISO_90MHz_NTNV



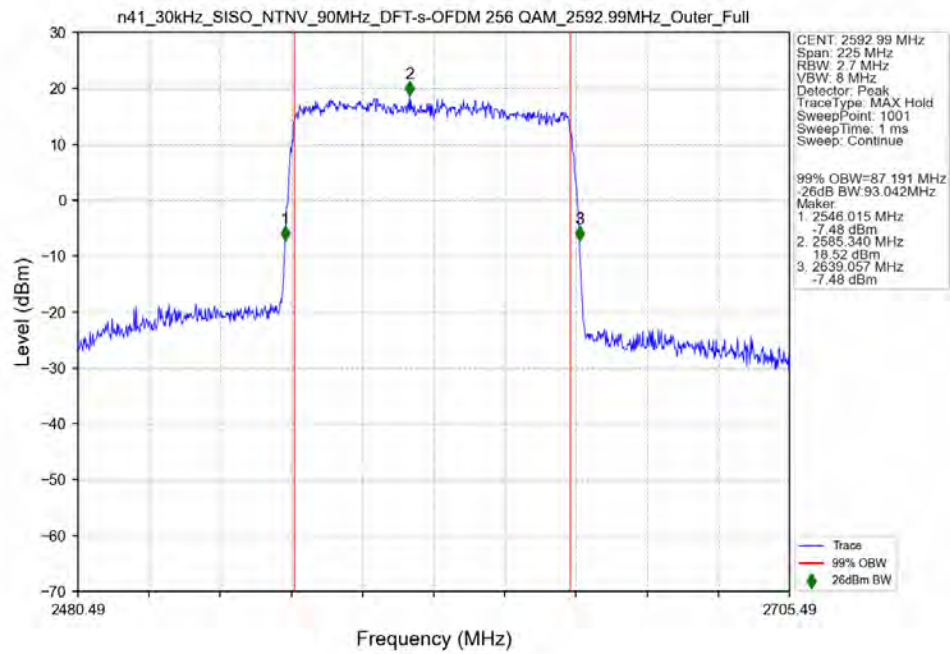
n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_2592.99MHz_Outer_Full_Ant6



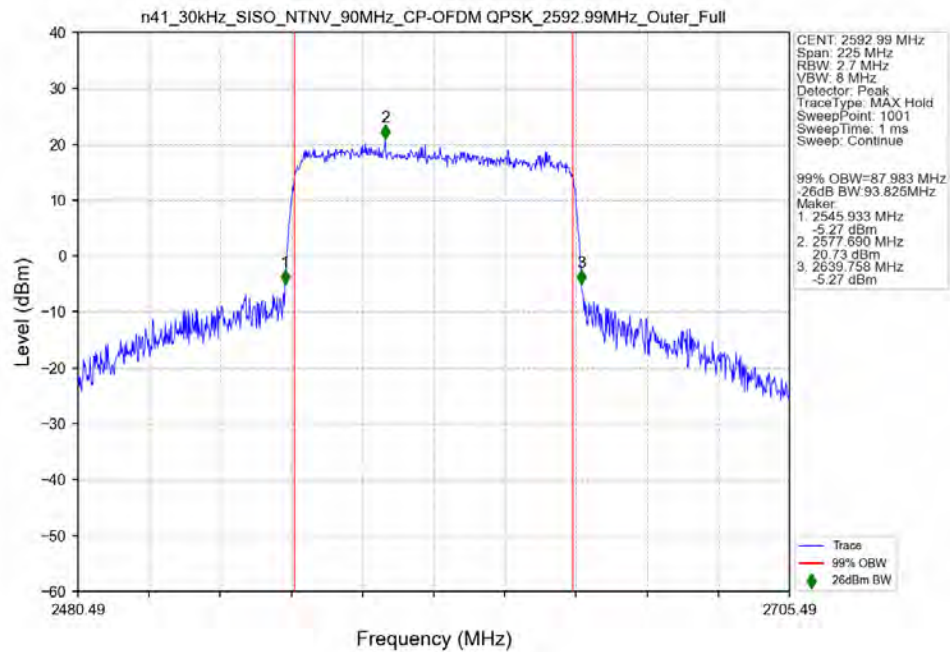
n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_2592.99MHz_Outer_Full_Ant6



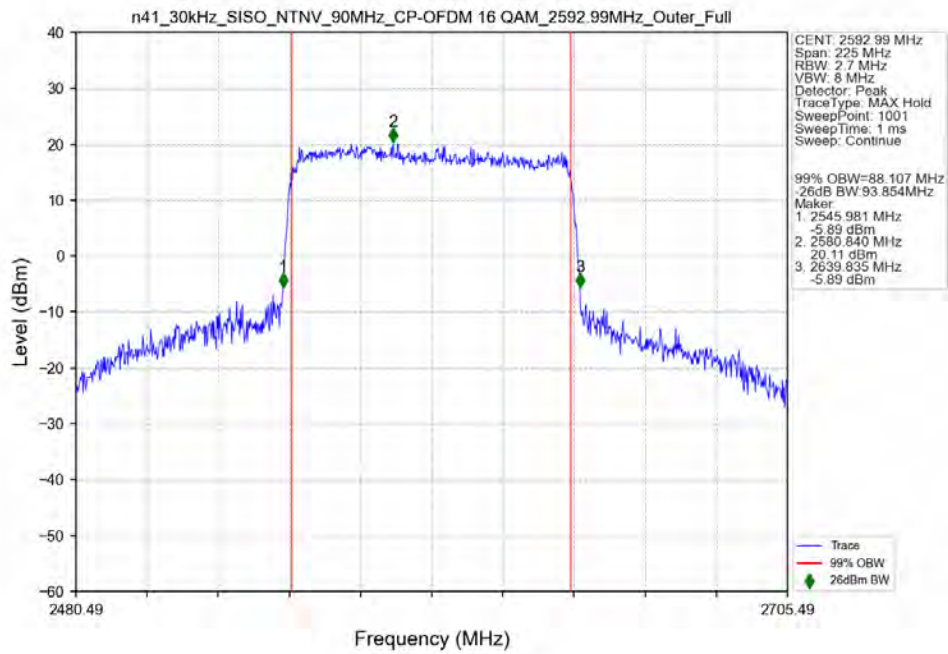
n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



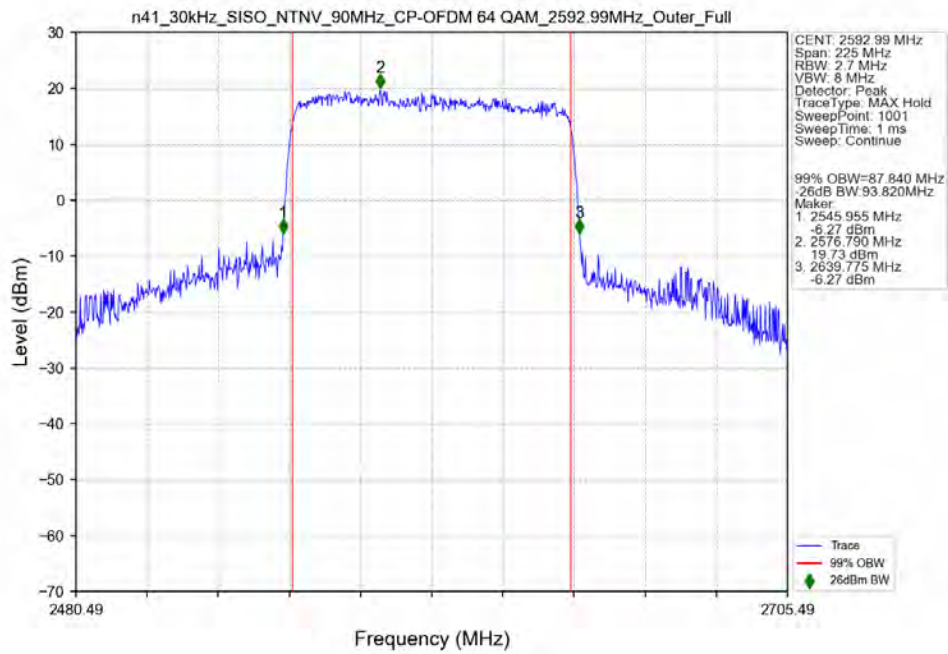
n41_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6



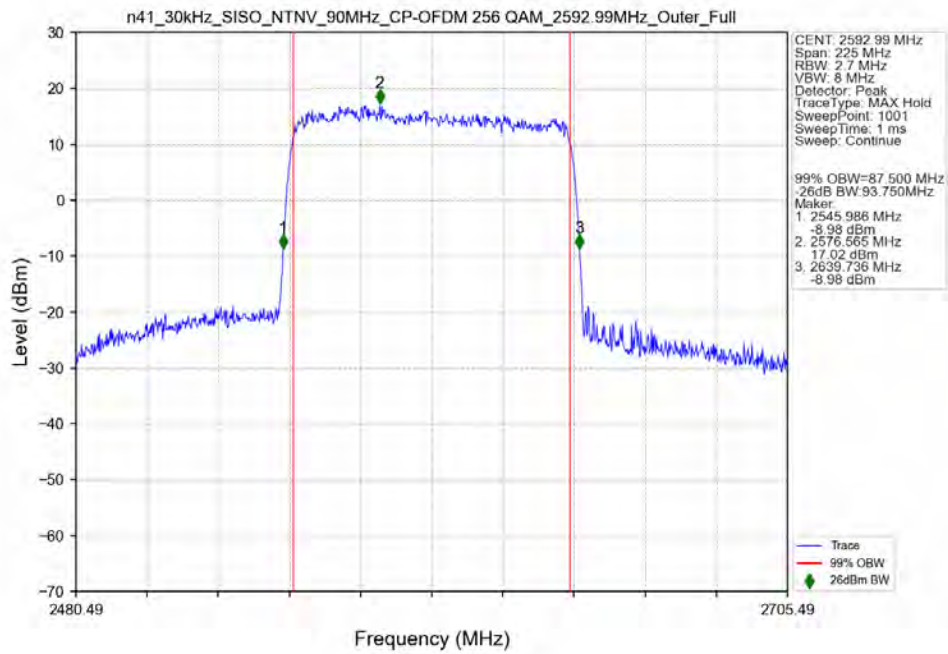
n41_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6



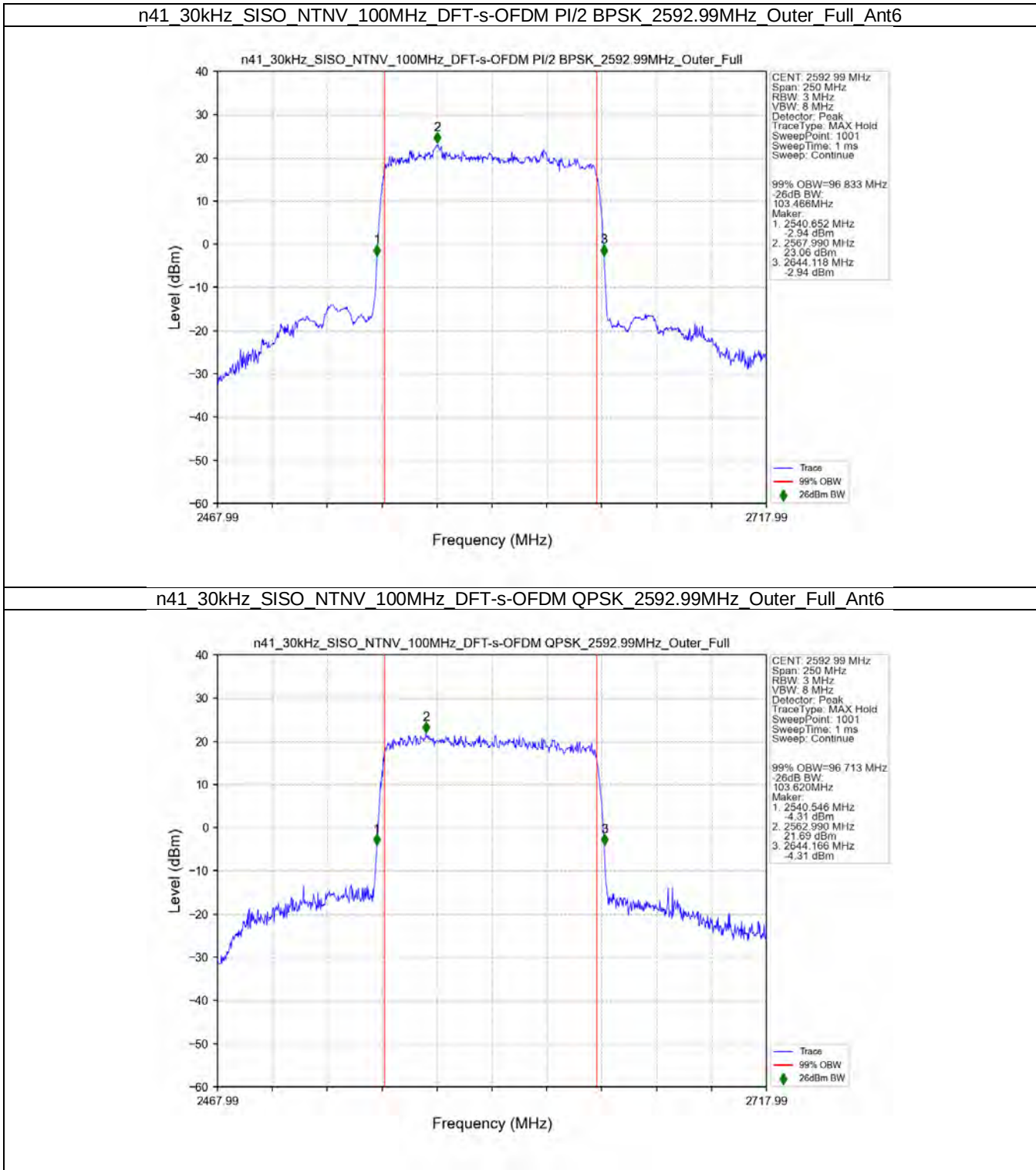
n41_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6



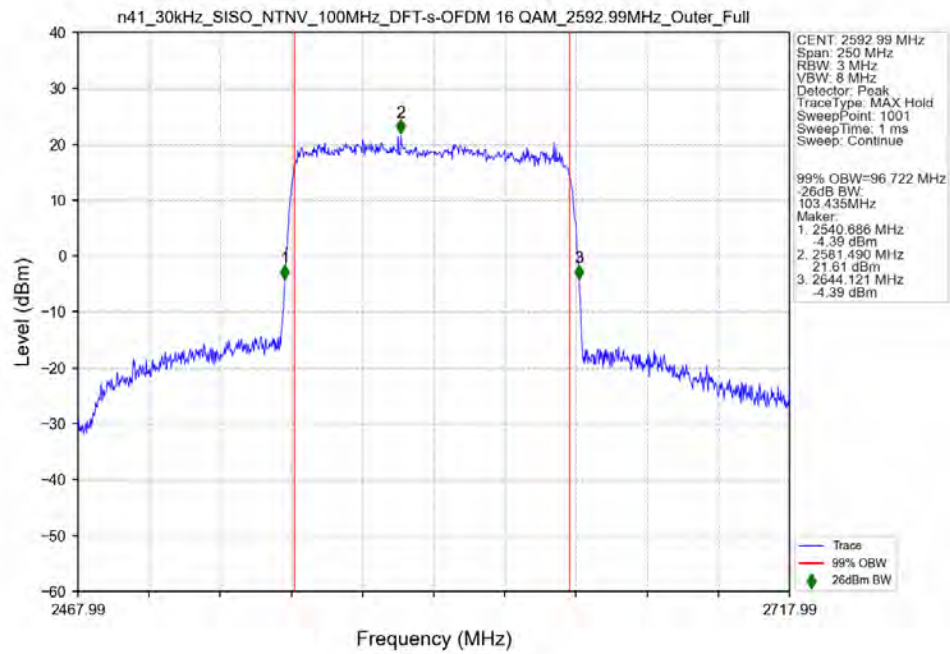
n41_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



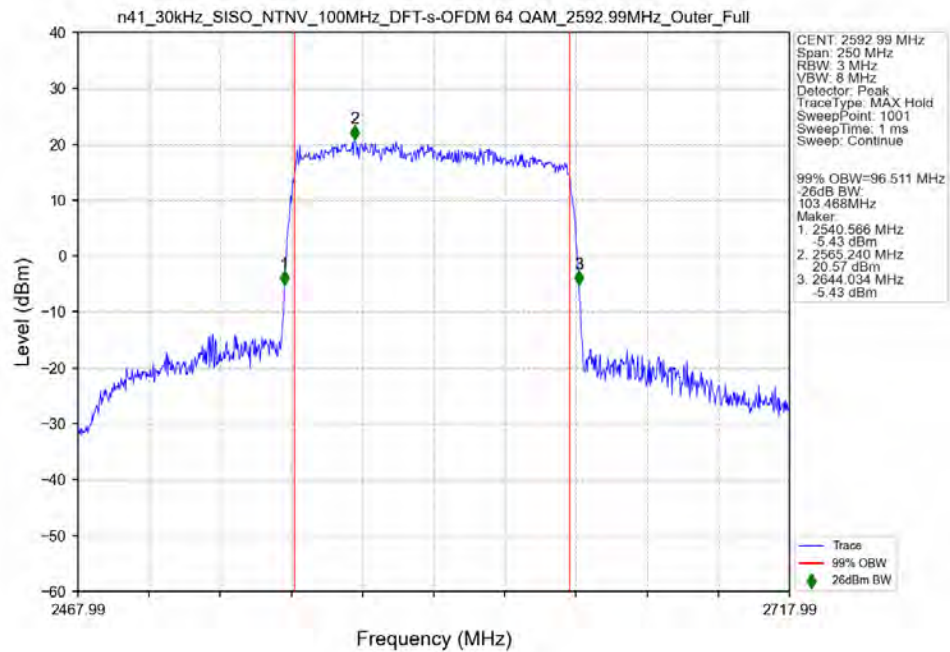
3.2.12 30k_SISO_100MHz_NTNV



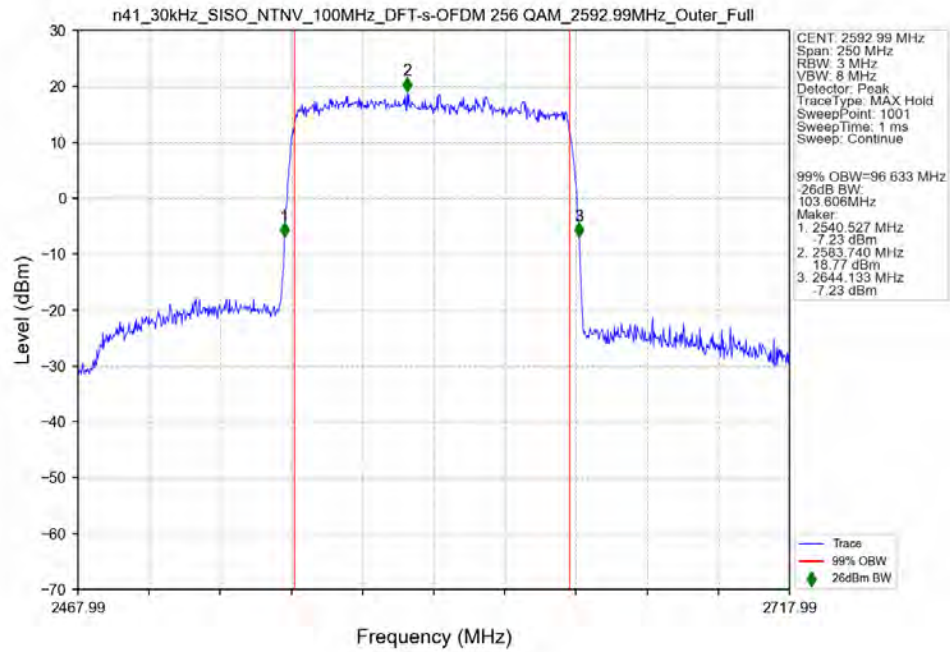
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant6



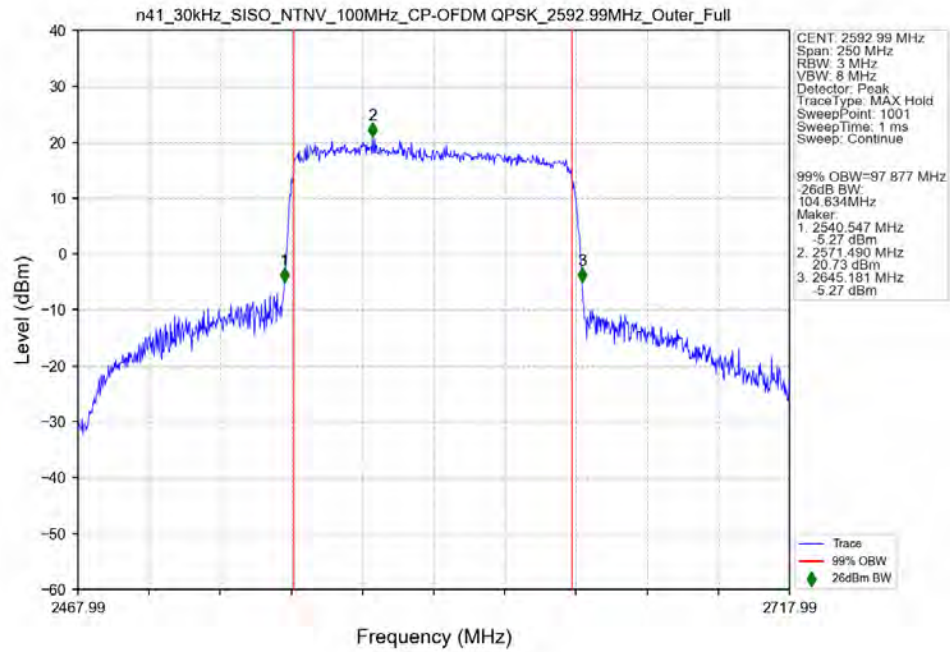
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant6



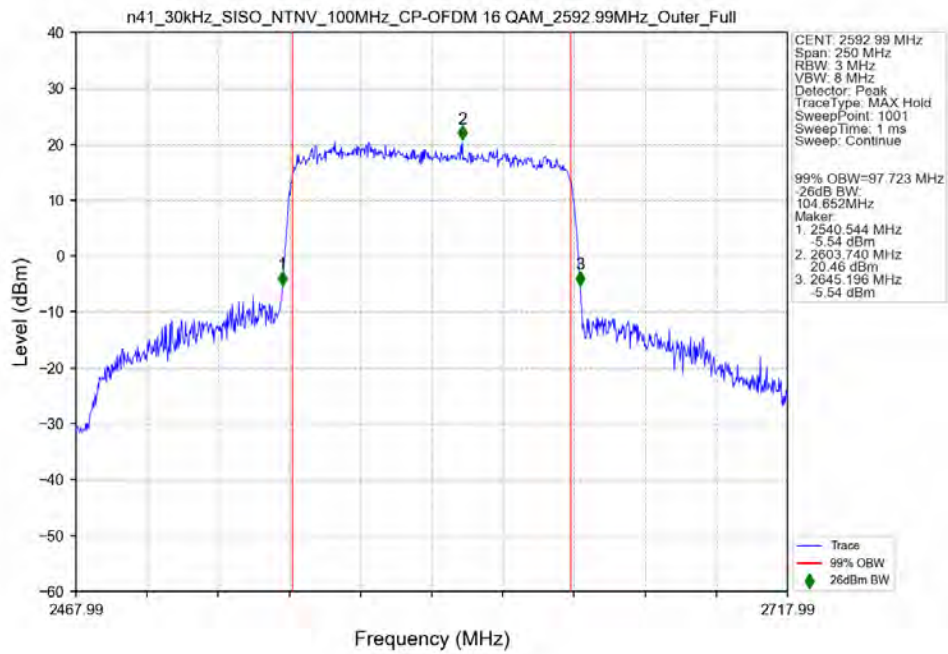
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



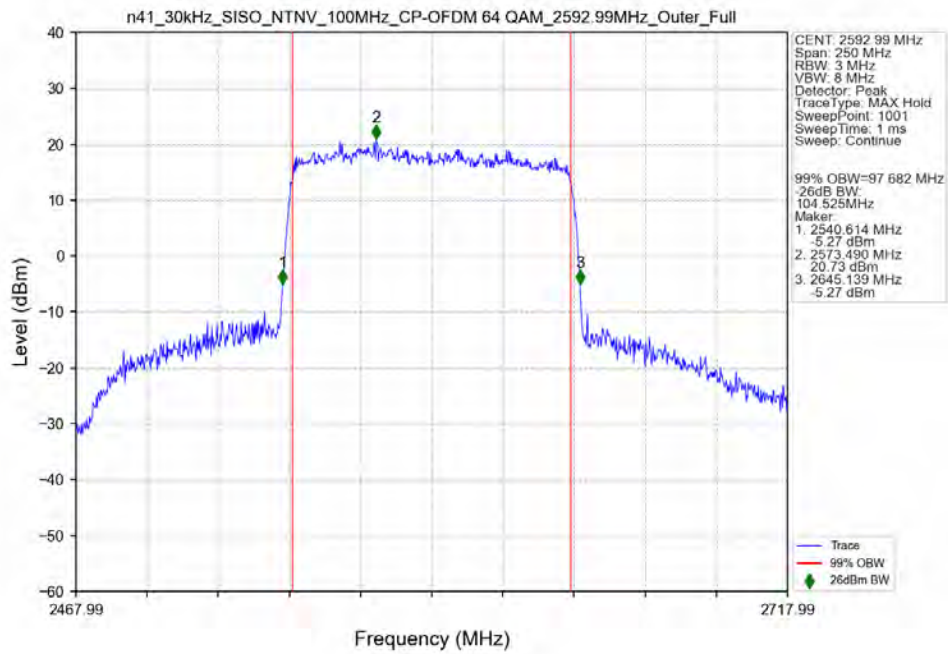
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6



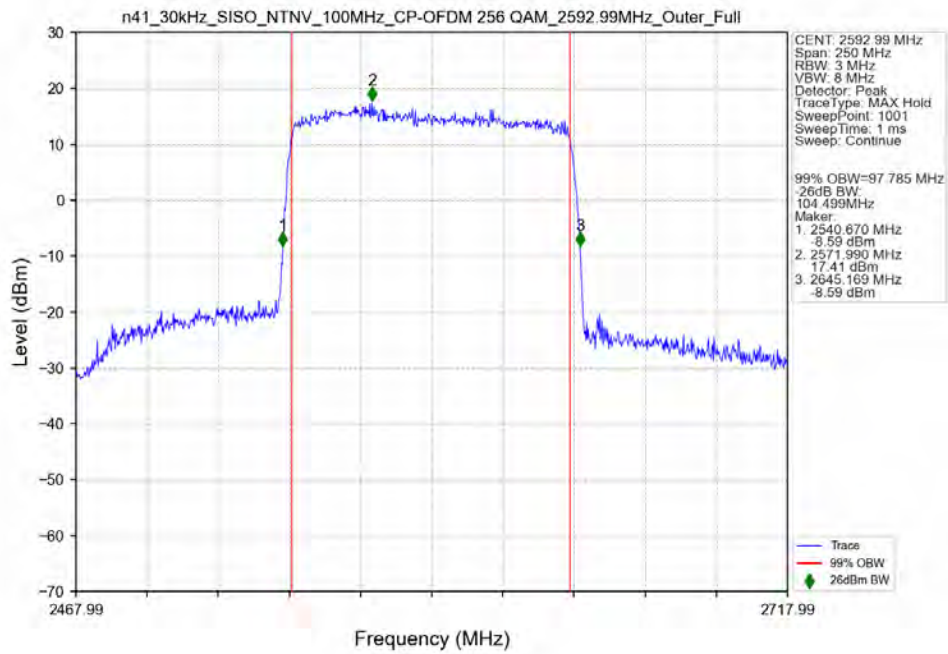
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM 2592.99MHz_Outer_Full_Ant6



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM 2592.99MHz_Outer_Full_Ant6



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_2592.99MHz_Outer_Full_Ant6



4. Peak-Average Ratio

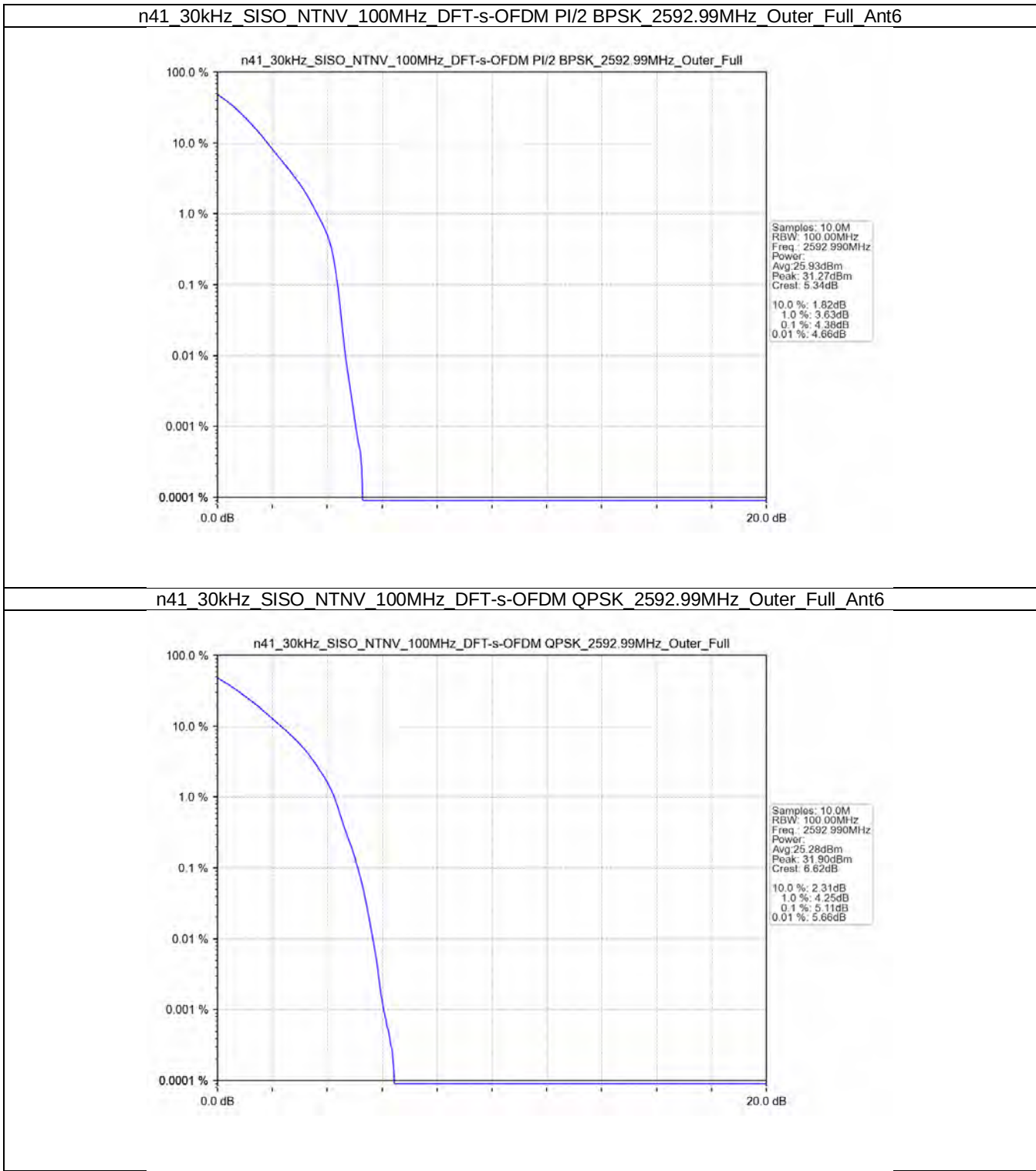
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

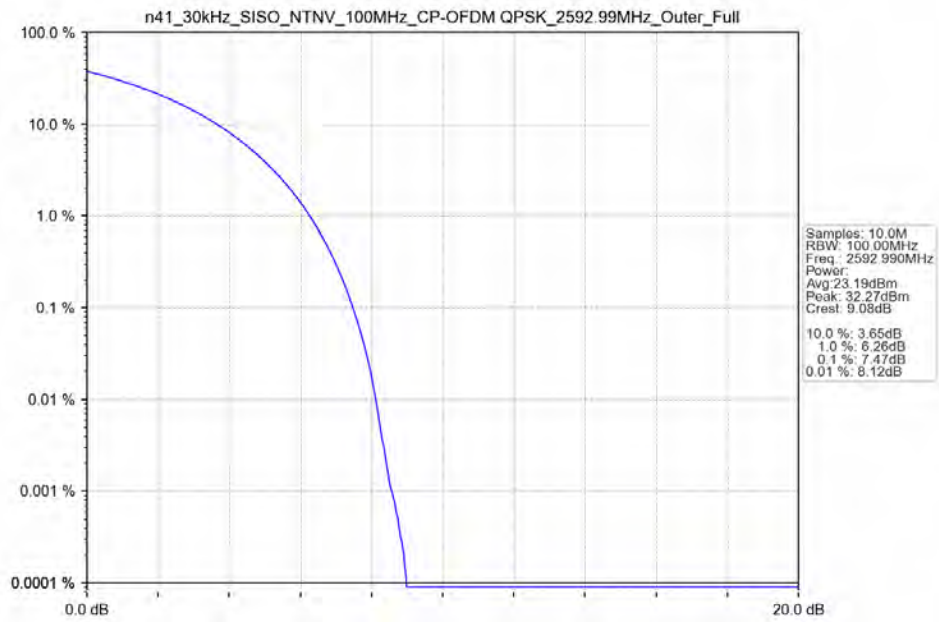
5G NR n41 SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	4.38	/	/	<=13	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	5.11	/	/	<=13	Pass
CP-OFDM QPSK	2592.99	Outer_Full	7.47	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2592.99MHz_Outer_Full_Ant6



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n41 SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2501.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph				Pass
	2685	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2501.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph				Pass
	2685	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2501.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph				Pass
	2685	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2521.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

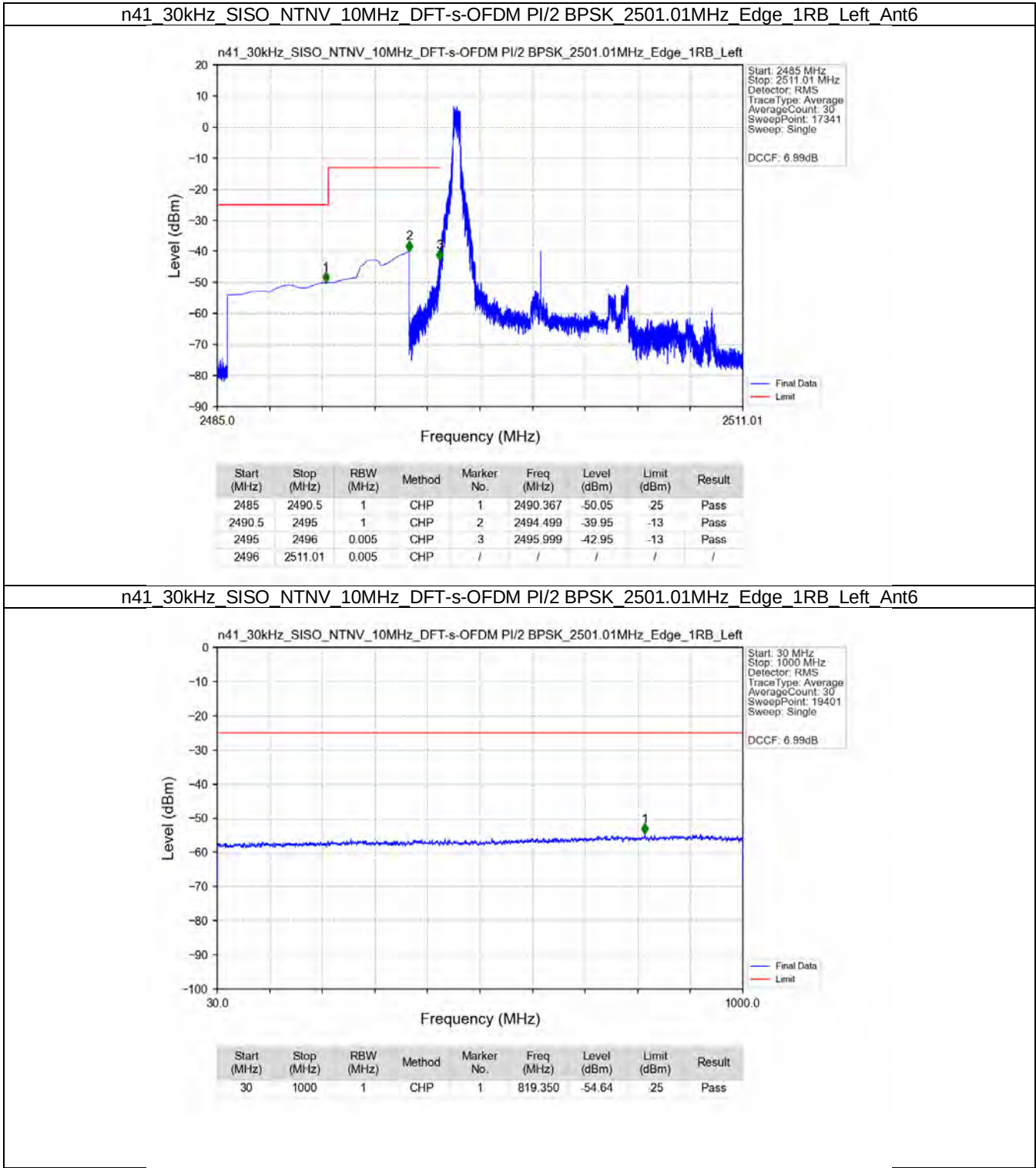
5.1.3 30k_SISO_100MHz_NTNV

5G NR n41 SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2546.01	Edge 1RB Left	Refer To Test Graph				Pass

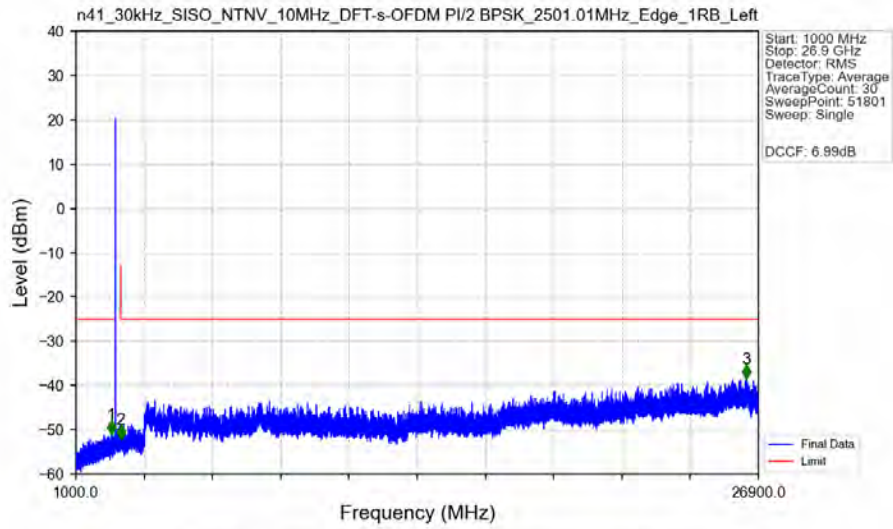
	2592.99	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	2640	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	2546.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2592.99	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

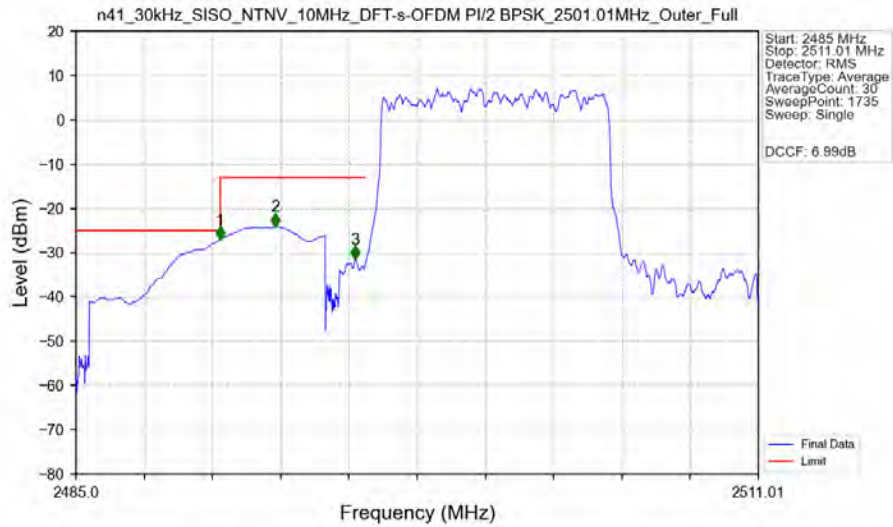


n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2501.01MHz_Edge_1RB_Left_Ant6



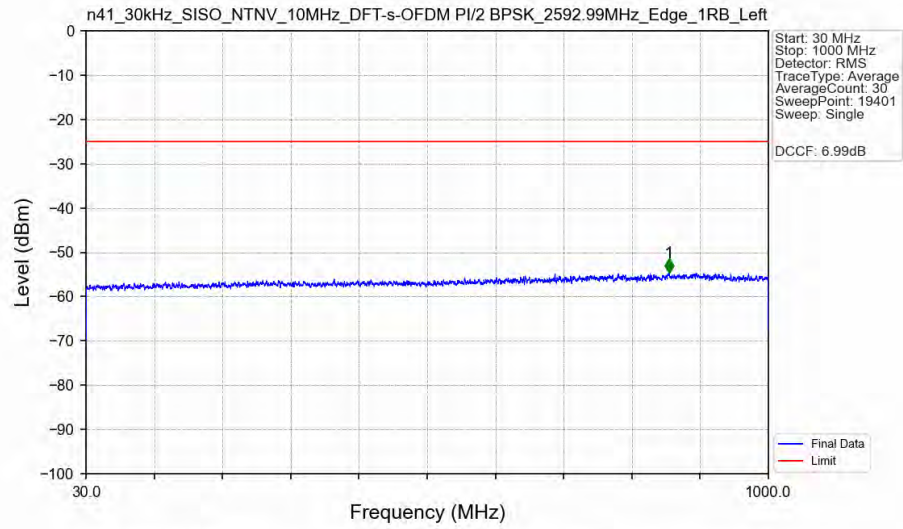
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2345.500	-51.08	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2700	1	/	2	2699.500	-52.16	-13	Pass
2700	26900	1	/	3	26437.500	-38.48	-25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2501.01MHz_Outer_Full_Ant6



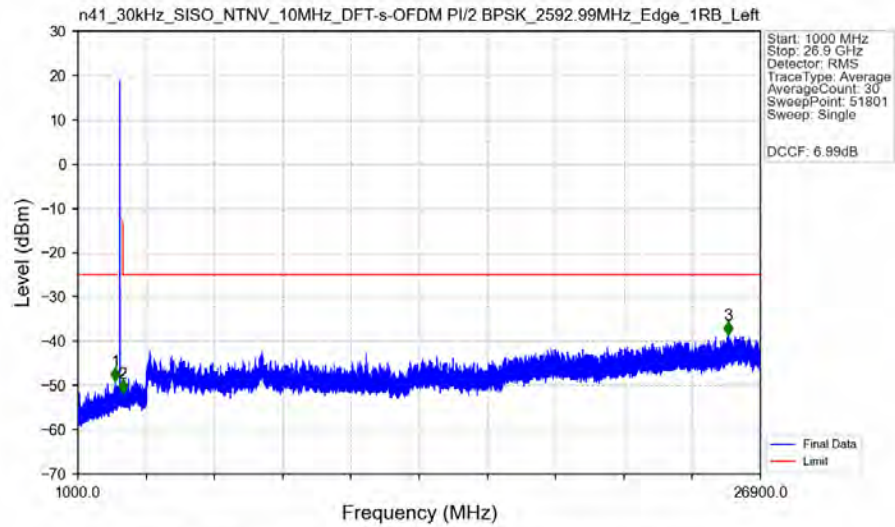
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-27.05	-25	Pass
2490.5	2495	1	CHP	2	2492.605	-24.12	-13	Pass
2495	2496	0.099	CHP	3	2495.635	-31.46	-13	Pass
2496	2511.01	0.099	CHP	/	/	/	/	/

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant6



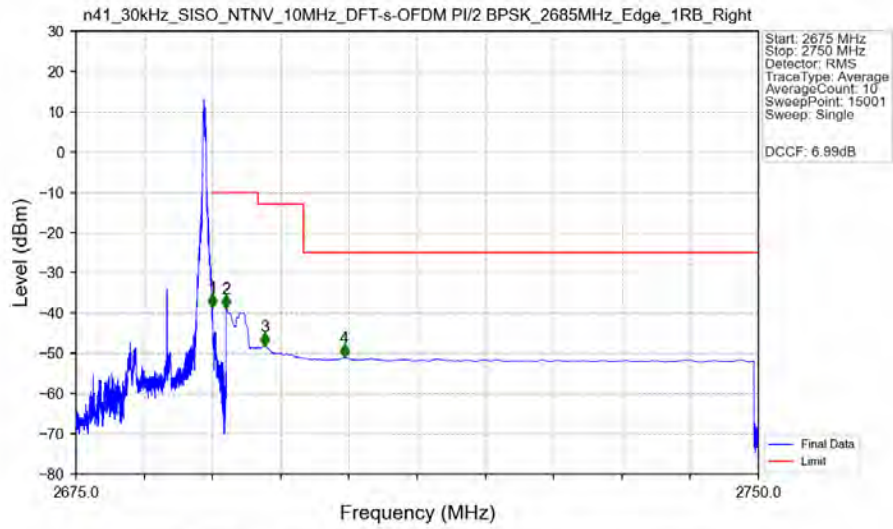
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	858.600	-54.57	-25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant6



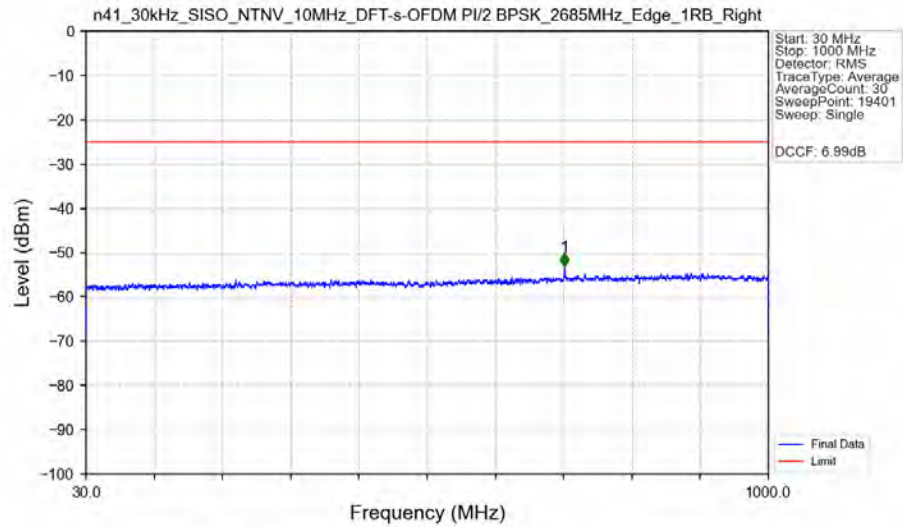
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2418.000	-48.99	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2700	1	/	2	2700.000	-51.73	-13	Pass
2700	26900	1	/	3	25677.500	-38.60	-25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2685MHz_Edge_1RB_Right_Ant6



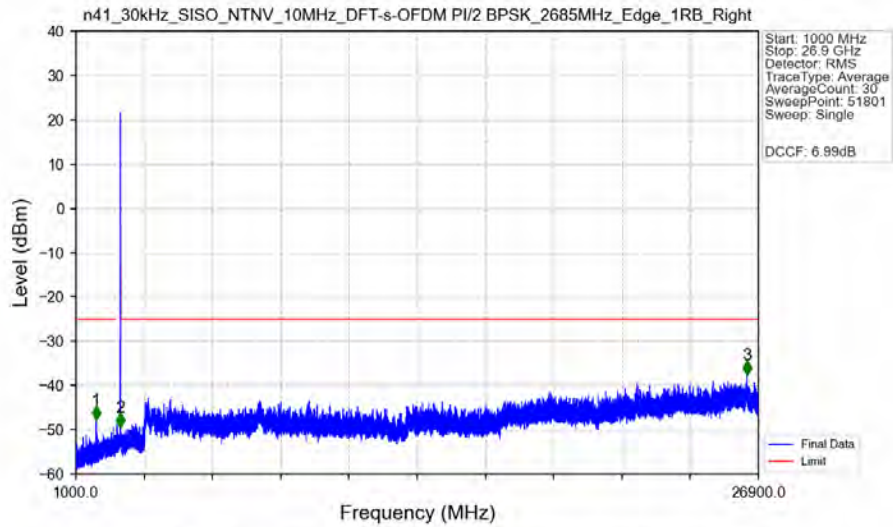
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-38.74	-10	Pass
2691	2695	1	CHP	2	2691.515	-38.88	-10	Pass
2695	2700	1	CHP	3	2695.730	-48.24	-13	Pass
2700	2750	1	CHP	4	2704.490	-51.14	-25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2685MHz_Edge_1RB_Right_Ant6



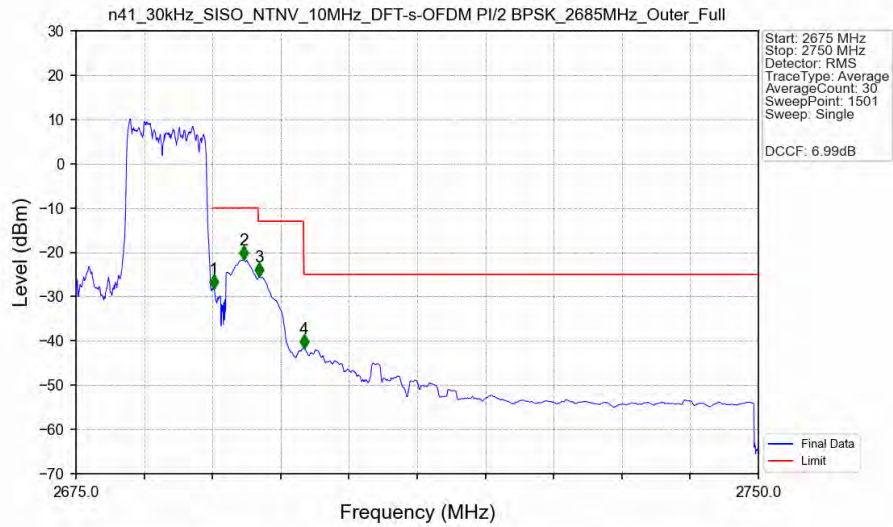
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	710.300	-53.11	25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2685MHz_Edge_1RB_Right_Ant6



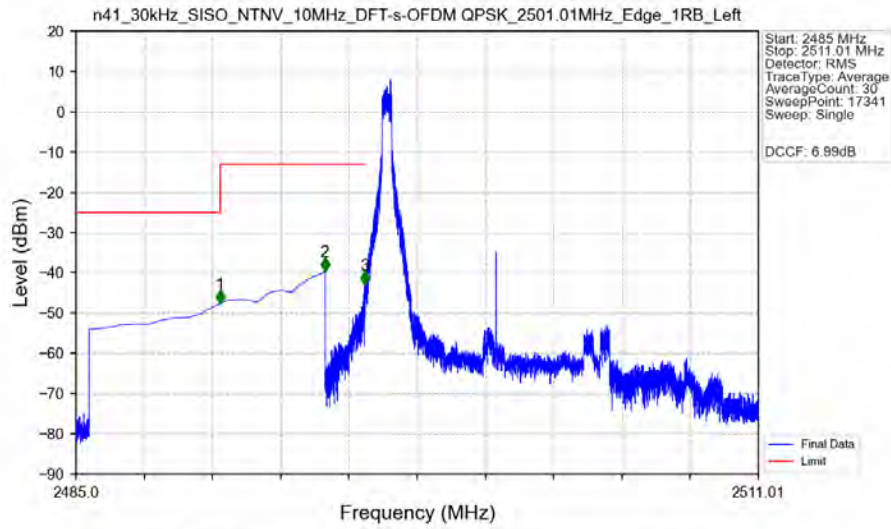
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	1766.500	-47.67	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2700	1	/	2	2698.000	-49.46	-13	Pass
2700	26900	1	/	3	26460.000	-37.54	-25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2685MHz_Outer_Full_Ant6



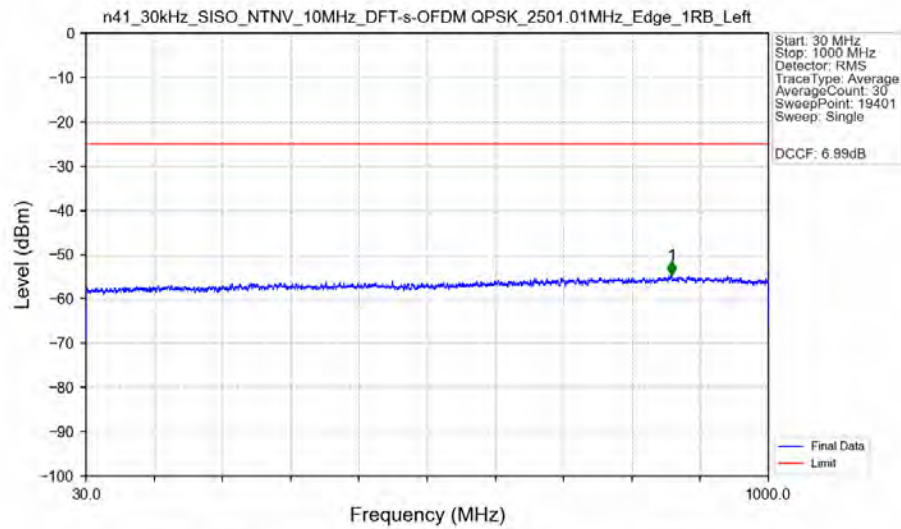
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.189	CHP	/	/	/	/	/
2690	2691	0.189	CHP	1	2690.150	-28.22	-10	Pass
2691	2695	1	CHP	2	2693.450	-21.74	-10	Pass
2695	2700	1	CHP	3	2695.150	-25.57	-13	Pass
2700	2750	1	CHP	4	2700.050	-41.75	-25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2501.01MHz_Edge_1RB_Left_Ant6



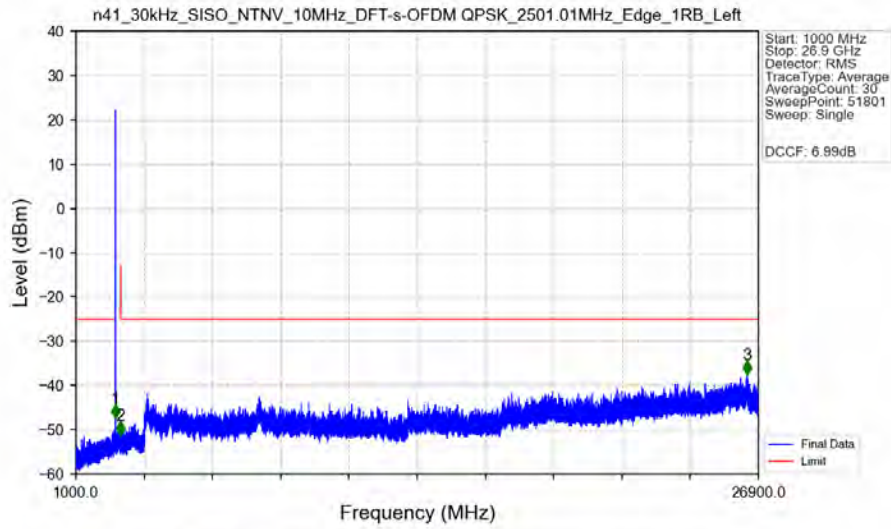
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.497	-47.66	25	Pass
2490.5	2495	1	CHP	2	2494.486	-39.67	-13	Pass
2495	2496	0.005	CHP	3	2495.998	-43.10	-13	Pass
2496	2511.01	0.005	CHP	/	/	/	/	/

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2501.01MHz_Edge_1RB_Left_Ant6

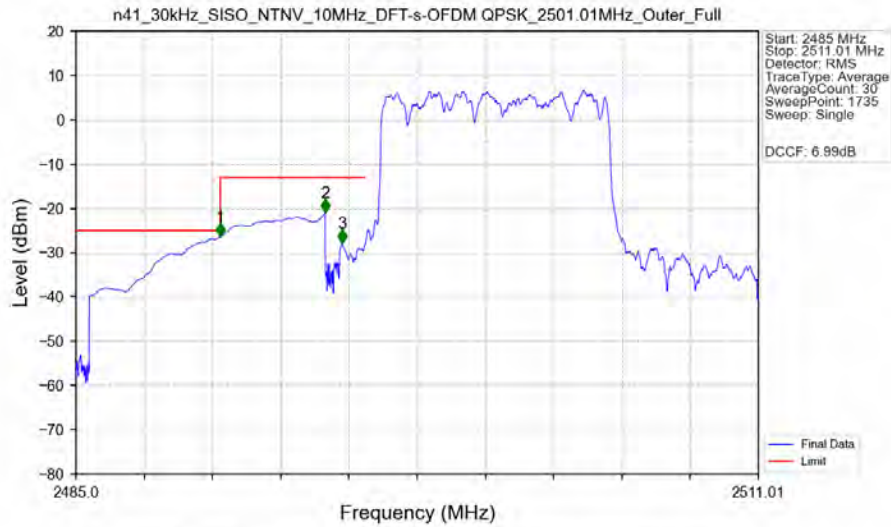


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	862.550	-54.59	25	Pass

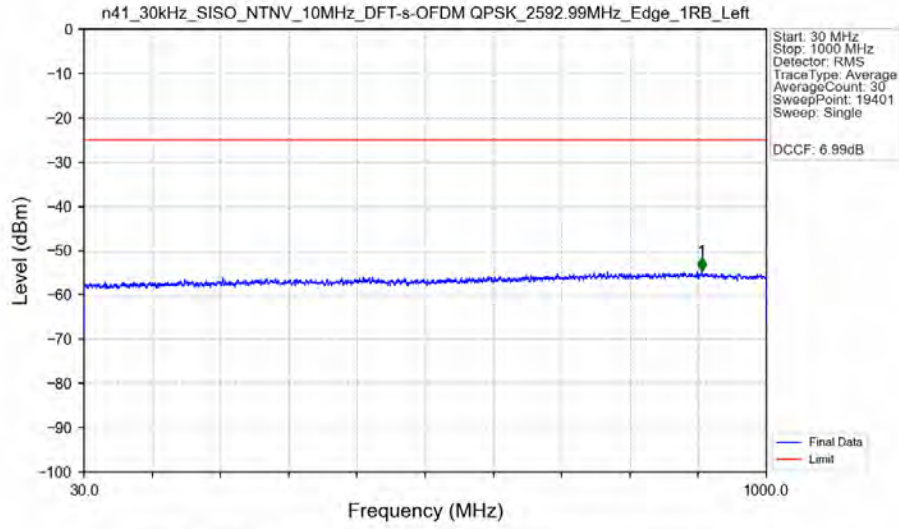
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2501.01MHz_Edge_1RB_Left_Ant6



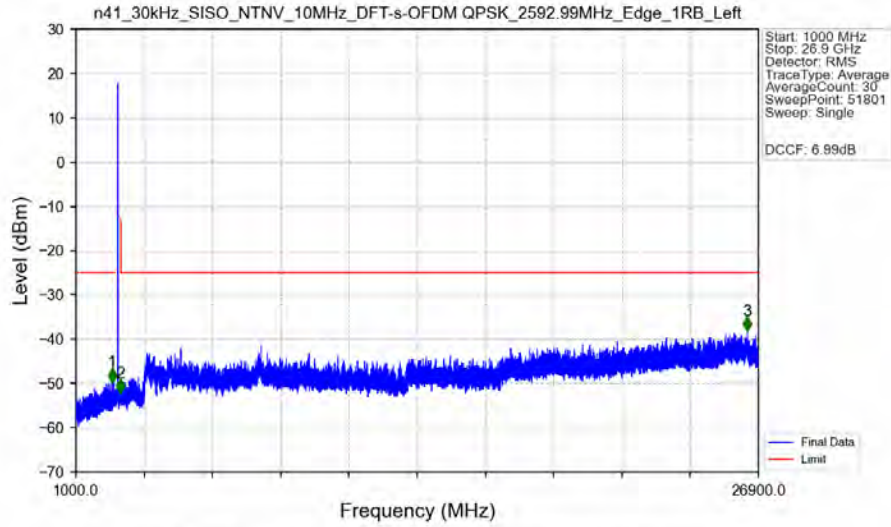
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2501.01MHz_Outer_Full_Ant6



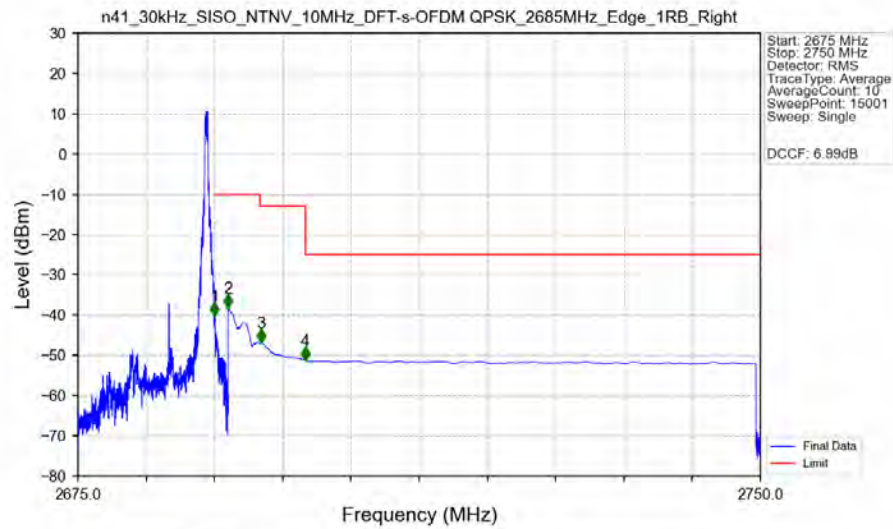
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2592.99MHz_Edge_1RB_Left_Ant6



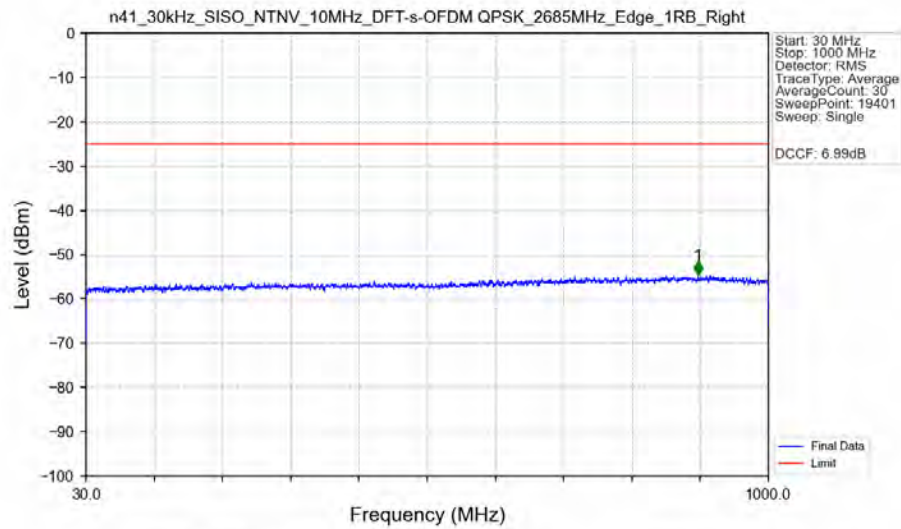
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2592.99MHz_Edge_1RB_Left_Ant6



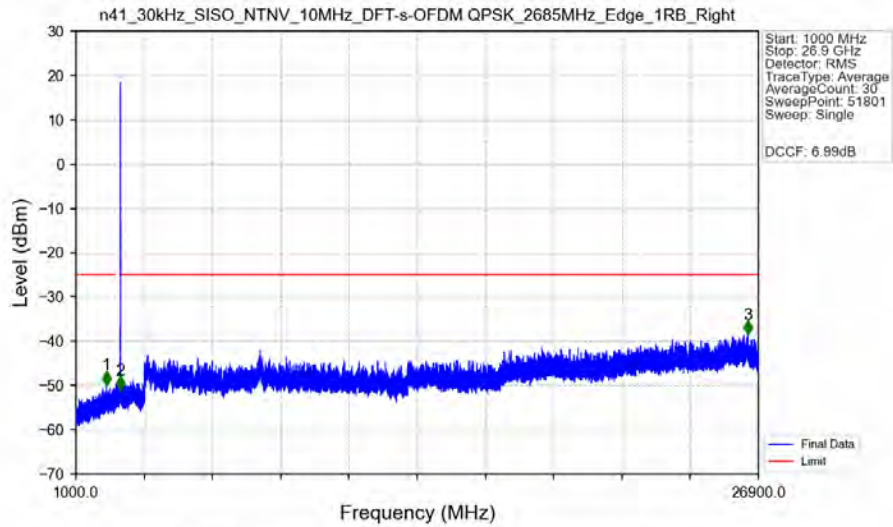
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2685MHz_Edge_1RB_Right_Ant6



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2685MHz_Edge_1RB_Right_Ant6



n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2685MHz_Edge_1RB_Right_Ant6



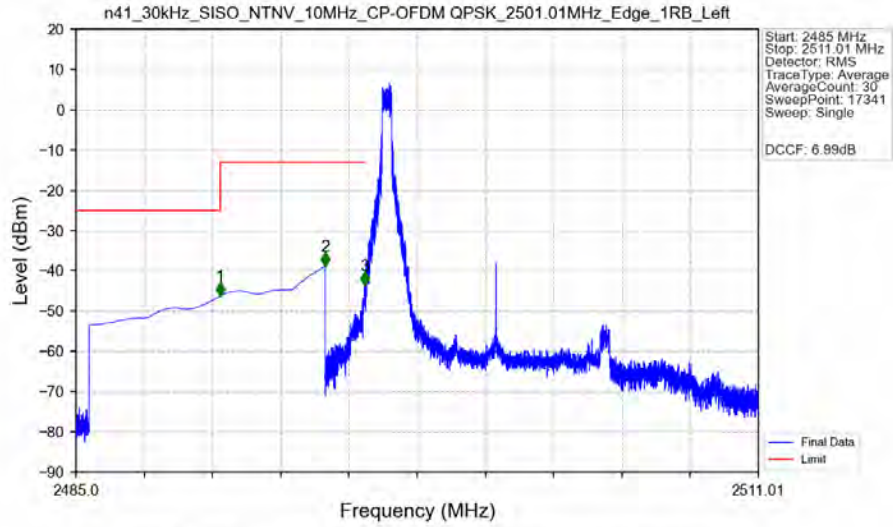
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2152.500	-49.82	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2700	1	/	2	2698.000	-51.00	-13	Pass
2700	26900	1	/	3	26498.500	-38.41	-25	Pass

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2685MHz_Outer_Full_Ant6

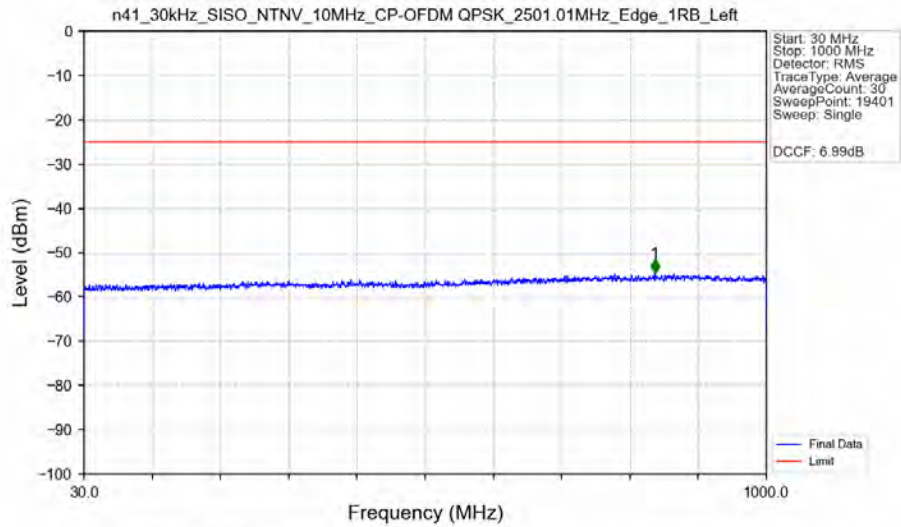


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.191	CHP	/	/	/	/	/
2690	2691	0.191	CHP	1	2690.500	-27.68	-10	Pass
2691	2695	1	CHP	2	2691.850	-21.68	-10	Pass
2695	2700	1	CHP	3	2695.100	-24.32	-13	Pass
2700	2750	1	CHP	4	2700.050	-39.43	-25	Pass

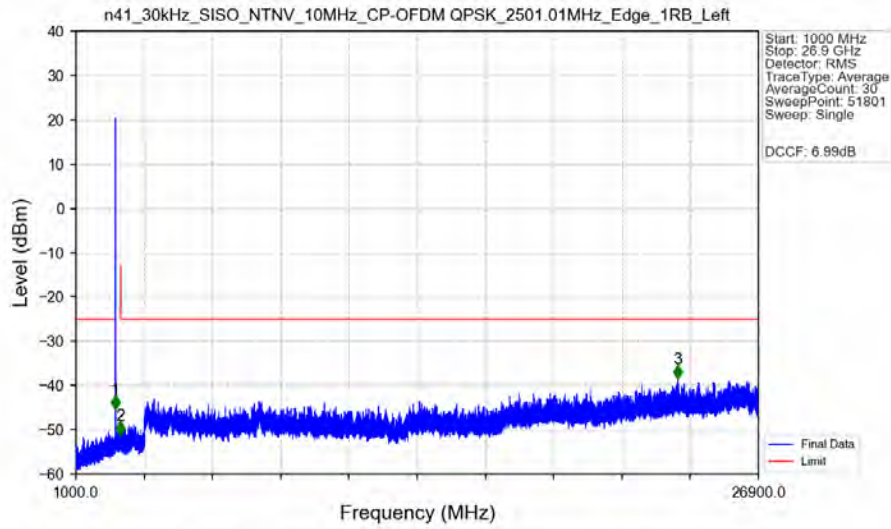
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2501.01MHz_Edge_1RB_Left Ant6



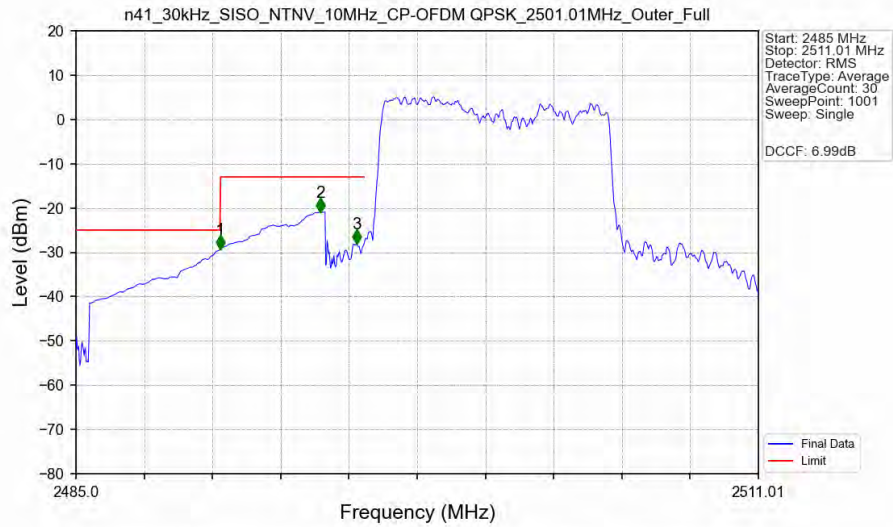
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2501.01MHz_Edge_1RB_Left Ant6



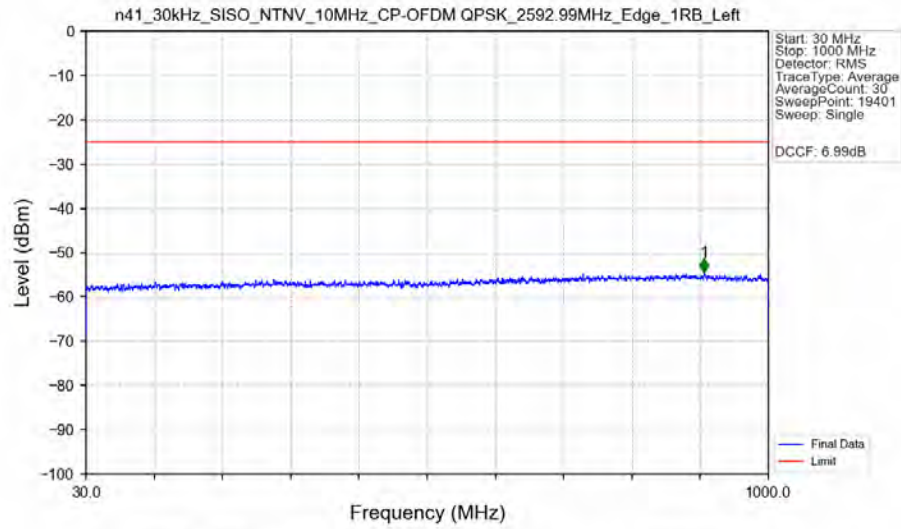
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2501.01MHz_Edge_1RB_Left Ant6



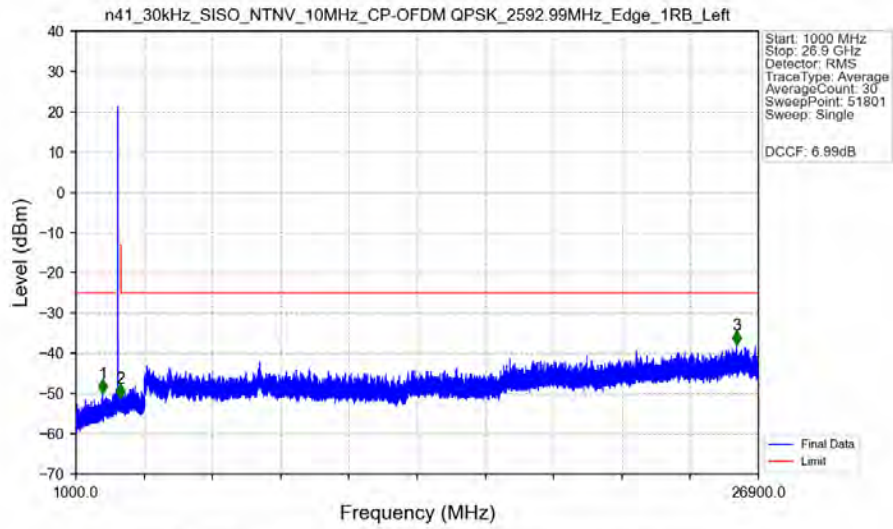
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2501.01MHz_Outer_Full Ant6



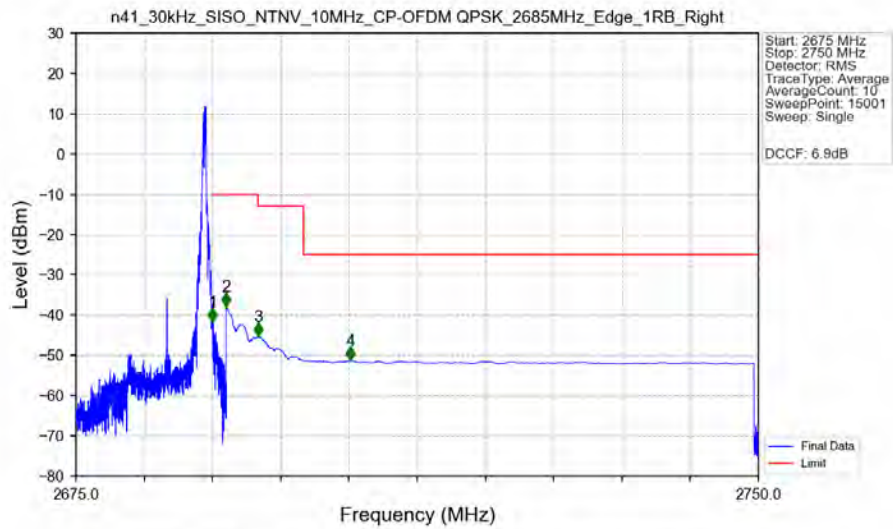
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2592.99MHz_Edge_1RB_Left Ant6



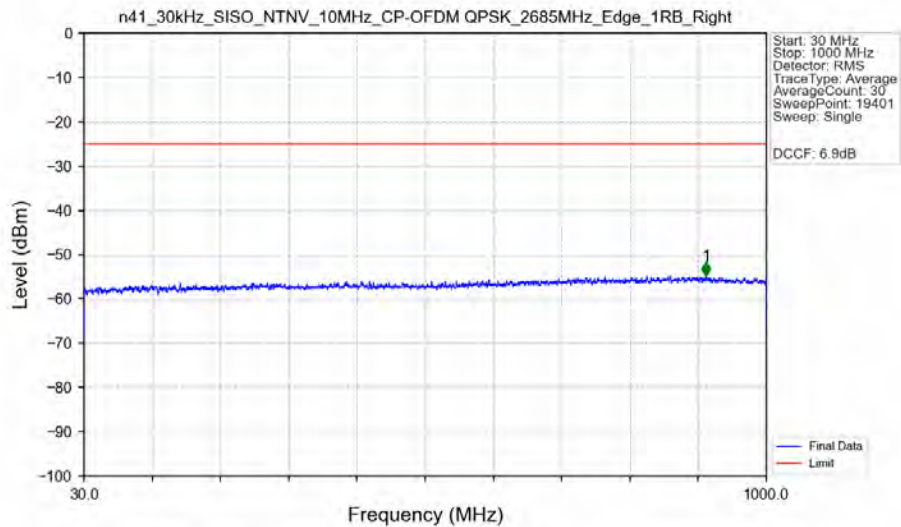
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2592.99MHz_Edge_1RB_Left Ant6



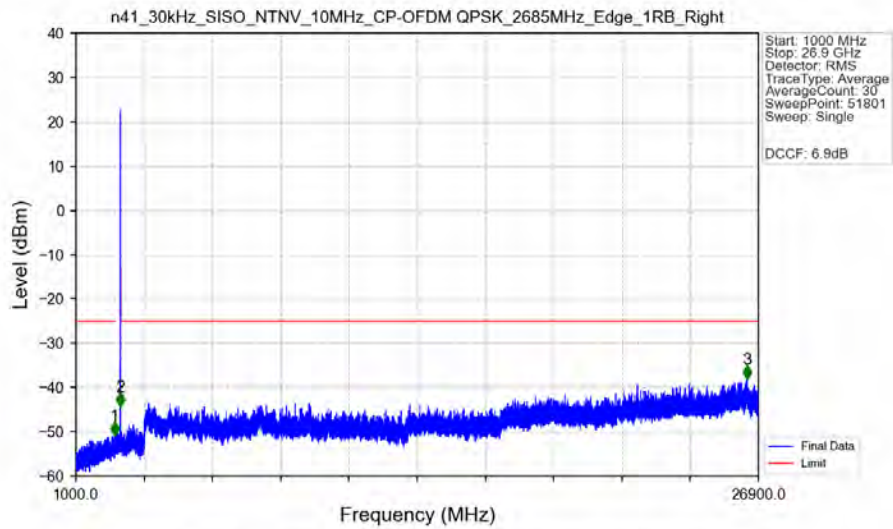
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2685MHz_Edge_1RB_Right_Ant6



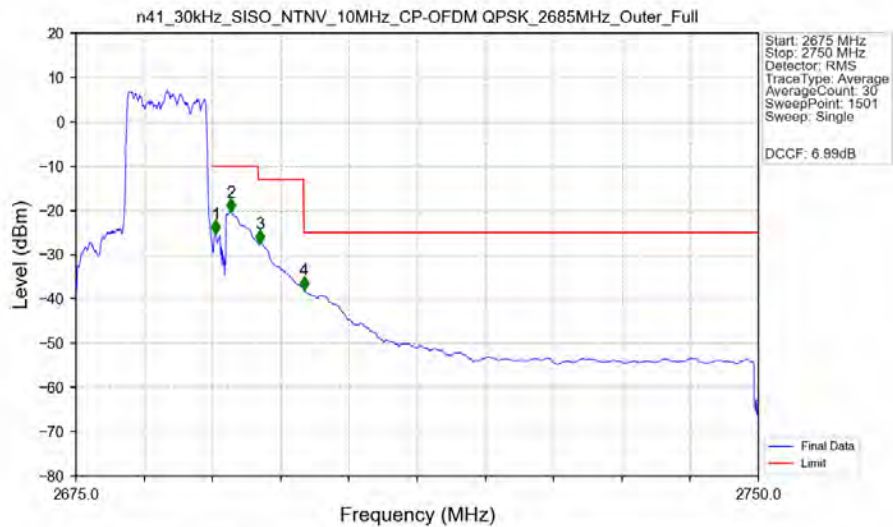
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2685MHz_Edge_1RB_Right_Ant6



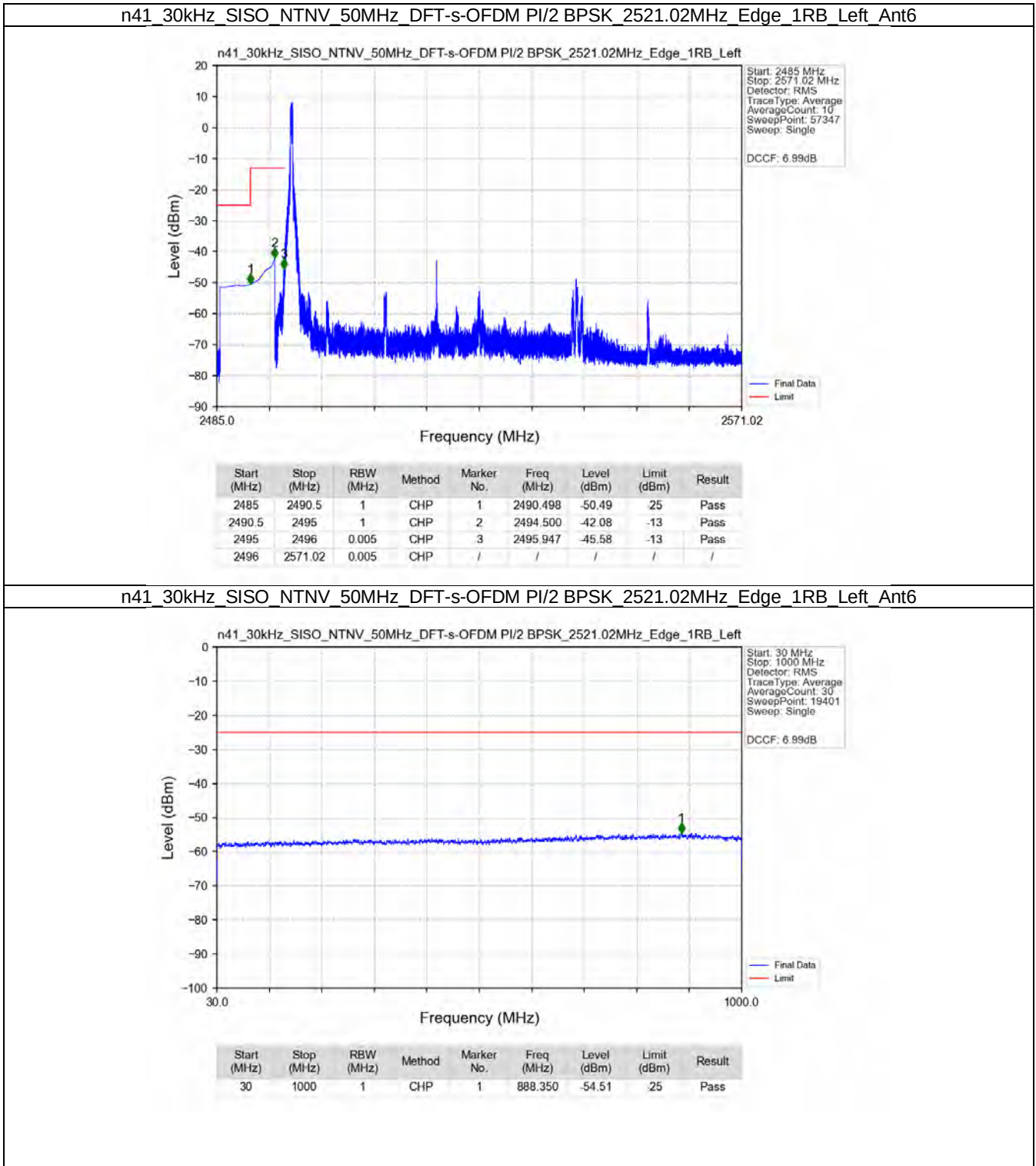
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2685MHz_Edge_1RB_Right_Ant6



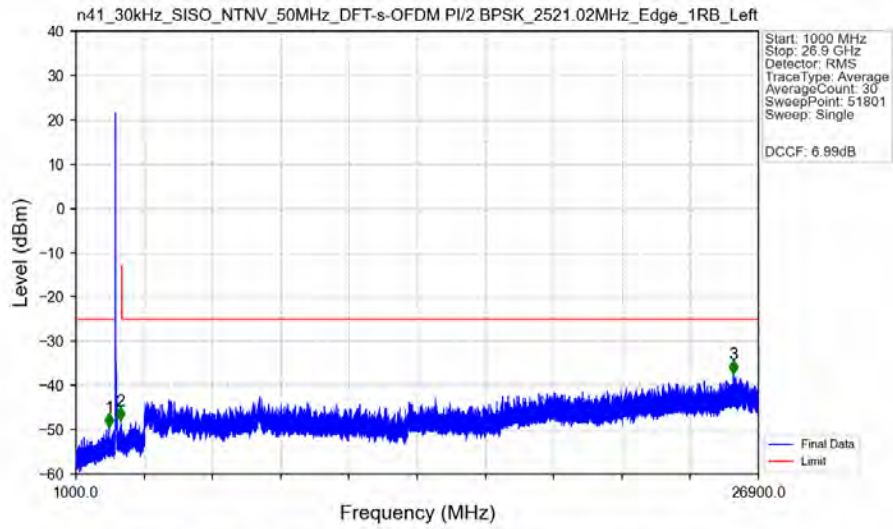
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2685MHz_Outer_Full_Ant6



5.2.2 30k_SISO_50MHz_NTNV

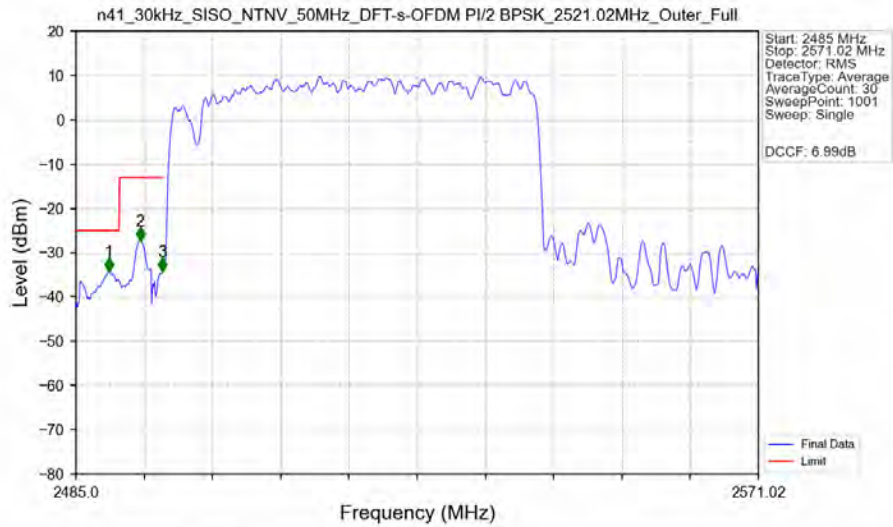


n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2521.02MHz_Edge_1RB_Left_Ant6



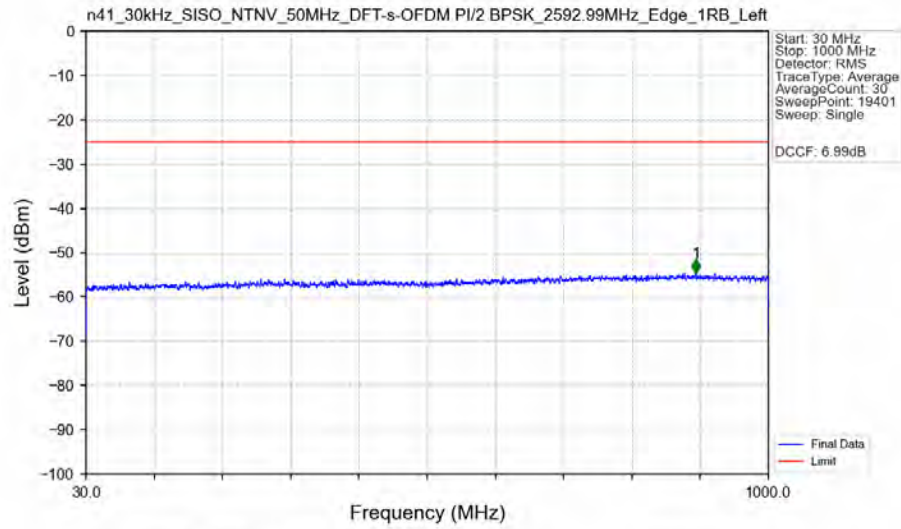
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2263.500	-49.33	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2740	1	/	2	2699.000	-47.92	-13	Pass
2740	26900	1	/	3	25949.000	-37.36	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2521.02MHz_Outer_Full_Ant6

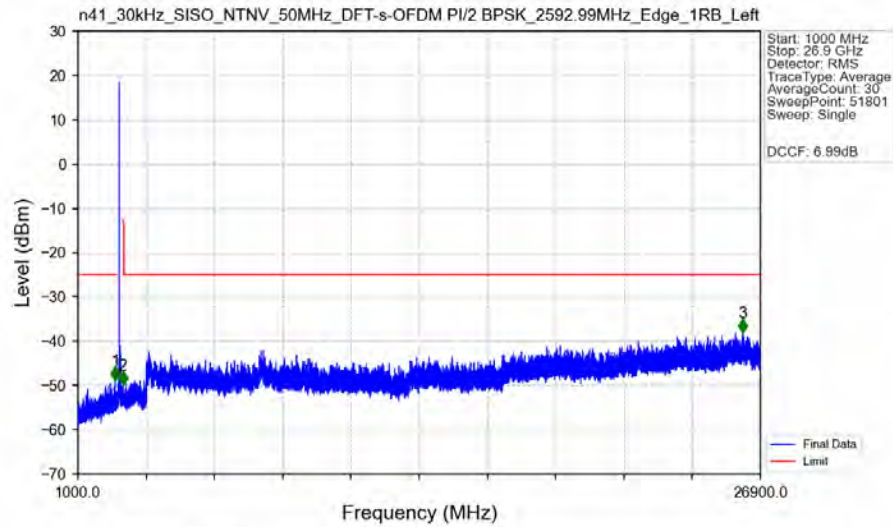


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.129	-34.30	-25	Pass
2490.5	2495	1	CHP	2	2493.086	-27.31	-13	Pass
2495	2496	0.548	CHP	3	2495.925	-34.18	-13	Pass
2496	2571.02	0.548	CHP	/	/	/	/	/

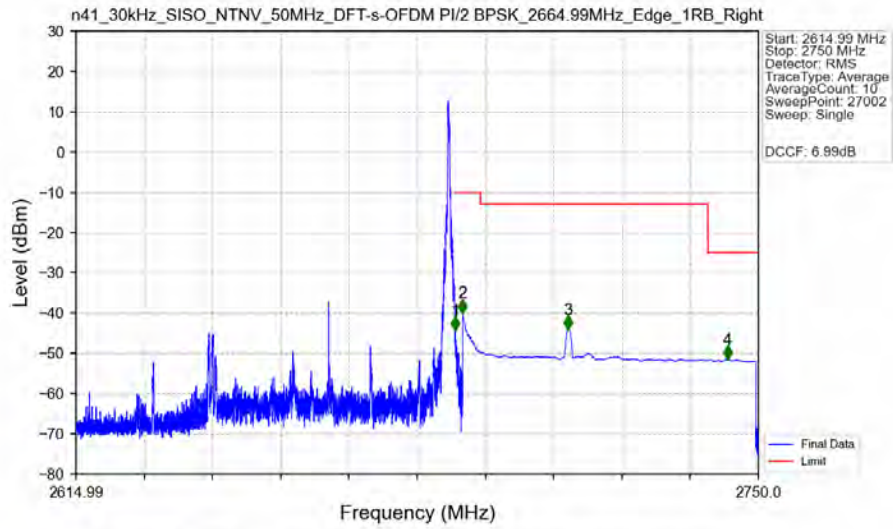
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant6



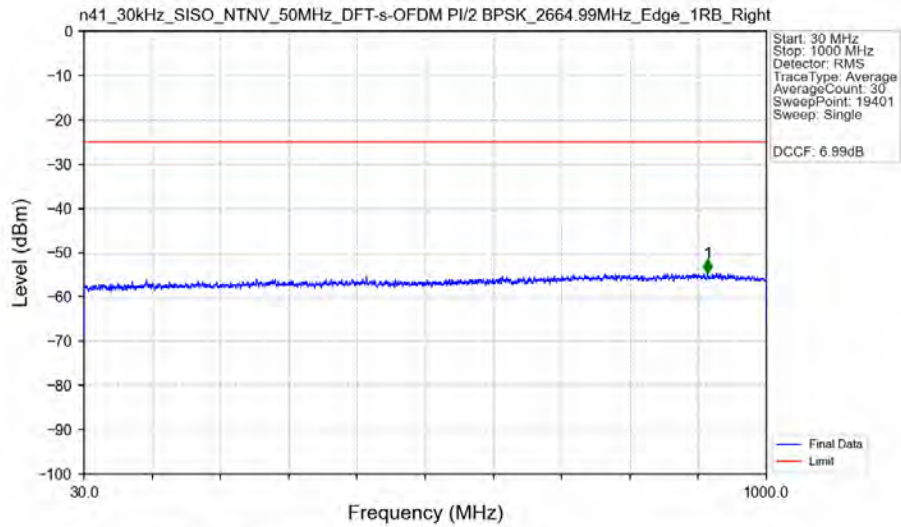
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant6



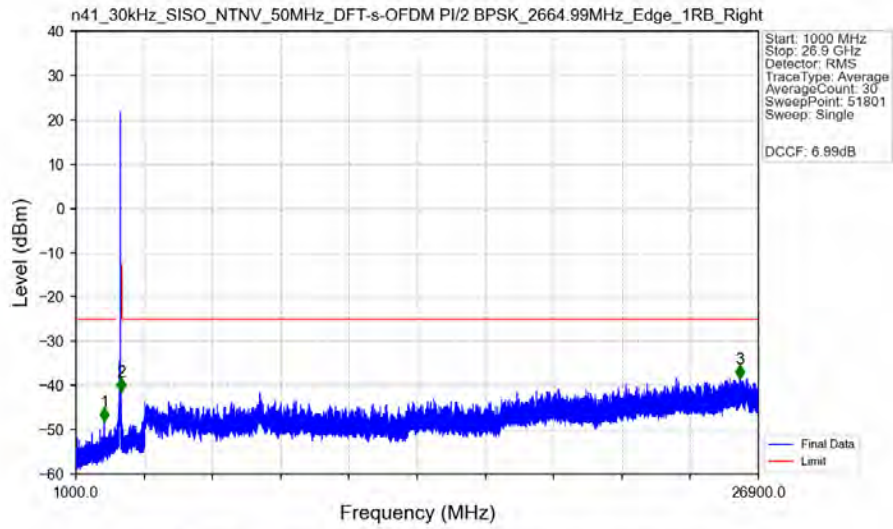
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2664.99MHz_Edge_1RB_Right_Ant6



n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2664.99MHz_Edge_1RB_Right_Ant6

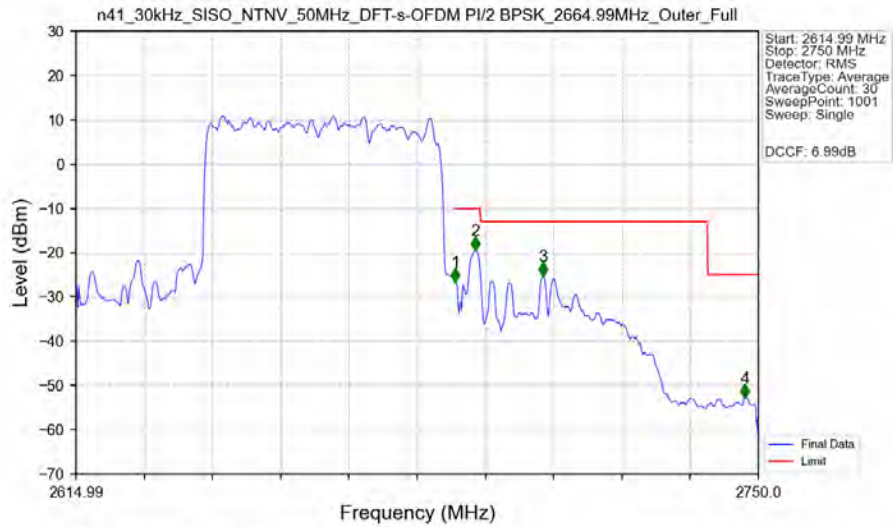


n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2664.99MHz_Edge_1RB_Right_Ant6



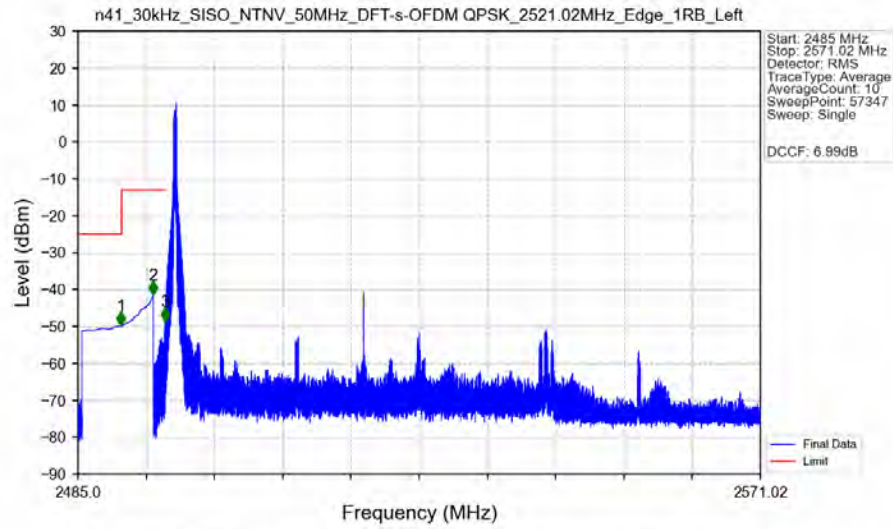
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2075.500	-48.14	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2740	1	/	2	2712.500	-41.35	-13	Pass
2740	26900	1	/	3	26192.000	-38.37	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2664.99MHz_Outer_Full_Ant6



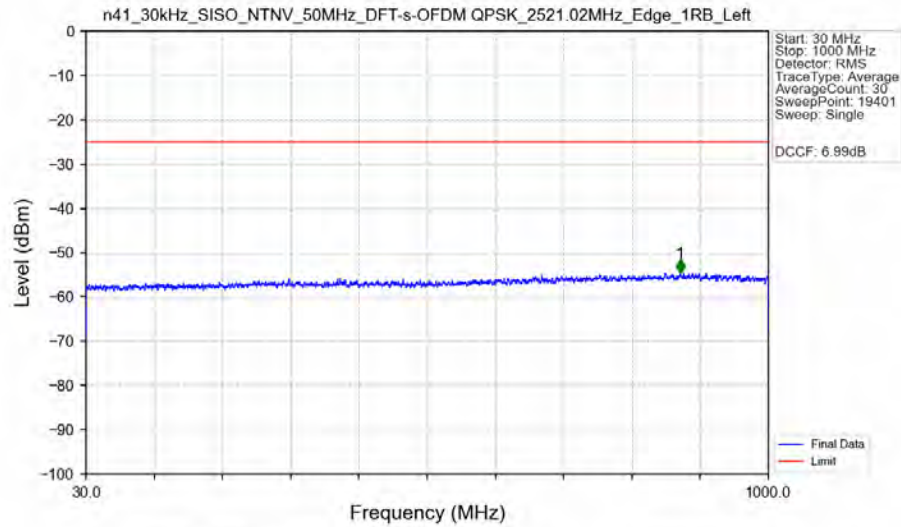
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2614.99	2690	0.988	CHP	/	/	/	/	/
2690	2691	0.988	CHP	1	2690.056	-26.65	-10	Pass
2691	2695	1	CHP	2	2693.971	-19.55	-10	Pass
2695	2740	1	CHP	3	2707.337	-25.32	-13	Pass
2740	2750	1	CHP	4	2747.300	-52.84	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2521.02MHz_Edge_1RB_Left Ant6



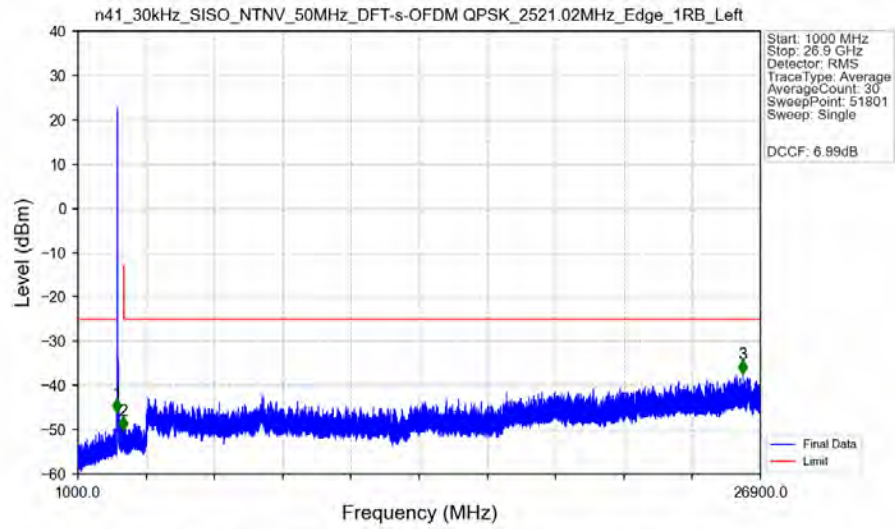
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.412	-49.81	-25	Pass
2490.5	2495	1	CHP	2	2494.496	-41.49	-13	Pass
2495	2496	0.005	CHP	3	2495.977	-48.73	-13	Pass
2496	2571.02	0.005	CHP	/	/	/	/	/

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2521.02MHz_Edge_1RB_Left Ant6



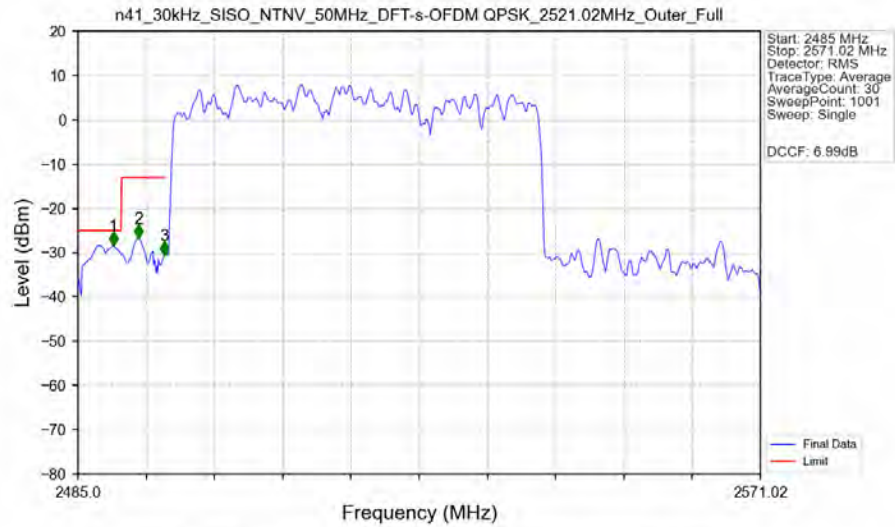
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	874.750	-54.53	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2521.02MHz_Edge_1RB_Left Ant6



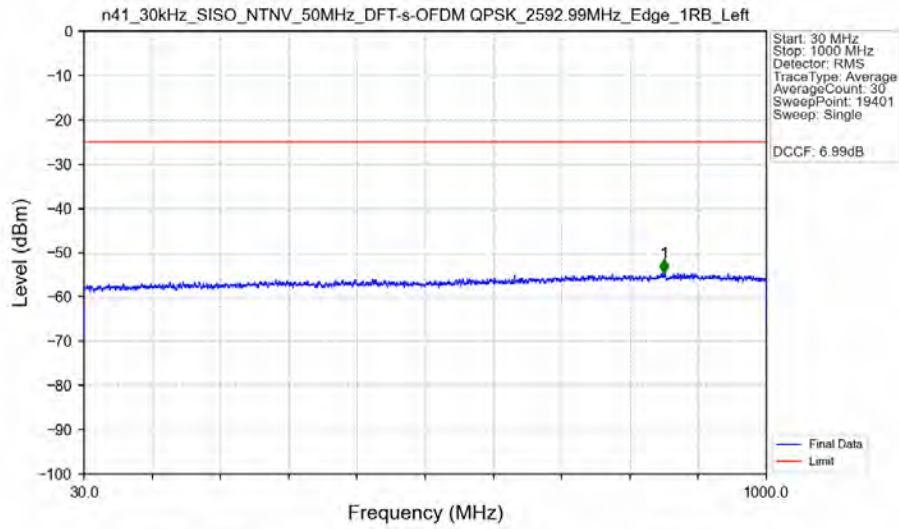
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2473.500	-46.12	25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2740	1	/	2	2713.500	-50.15	-13	Pass
2740	26900	1	/	3	26240.000	-37.42	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2521.02MHz_Outer_Full Ant6

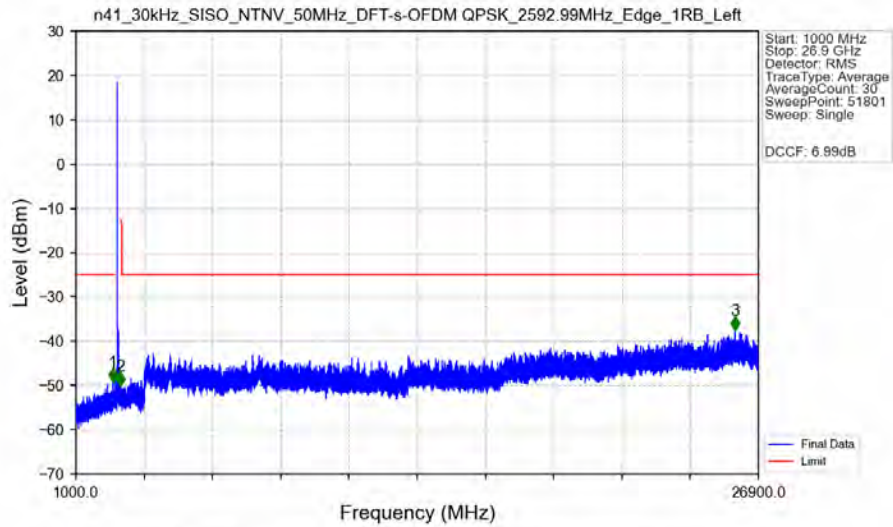


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.473	-28.32	25	Pass
2490.5	2495	1	CHP	2	2492.656	-26.76	-13	Pass
2495	2496	0.493	CHP	3	2495.925	-30.51	-13	Pass
2496	2571.02	0.493	CHP	/	/	/	/	/

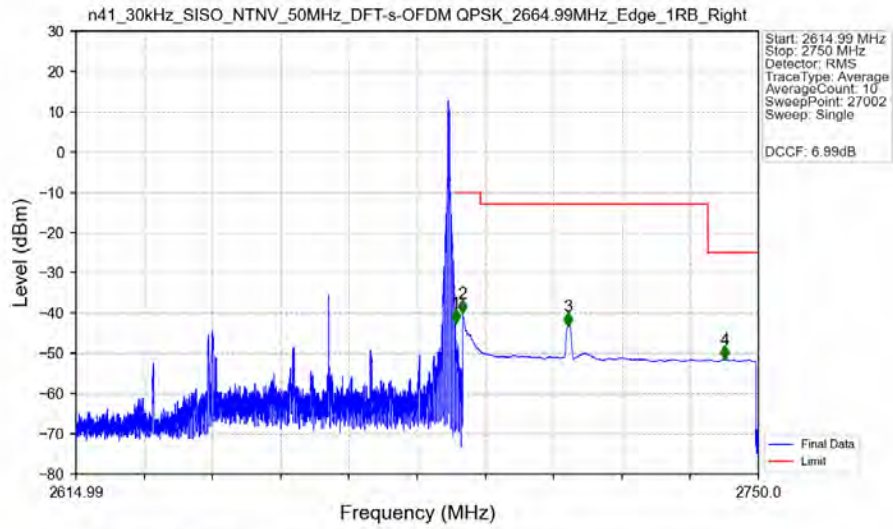
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2592.99MHz_Edge_1RB_Left_Ant6



n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2592.99MHz_Edge_1RB_Left_Ant6

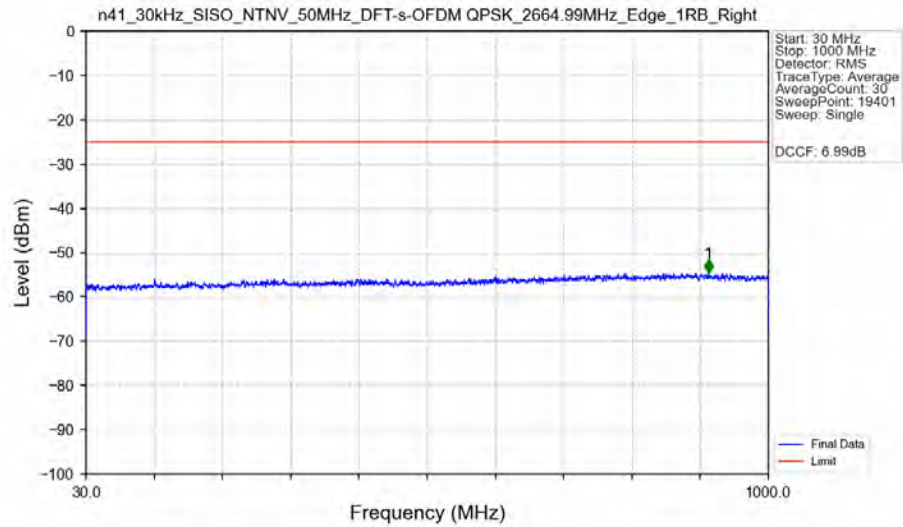


n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2664.99MHz_Edge_1RB_Right_Ant6



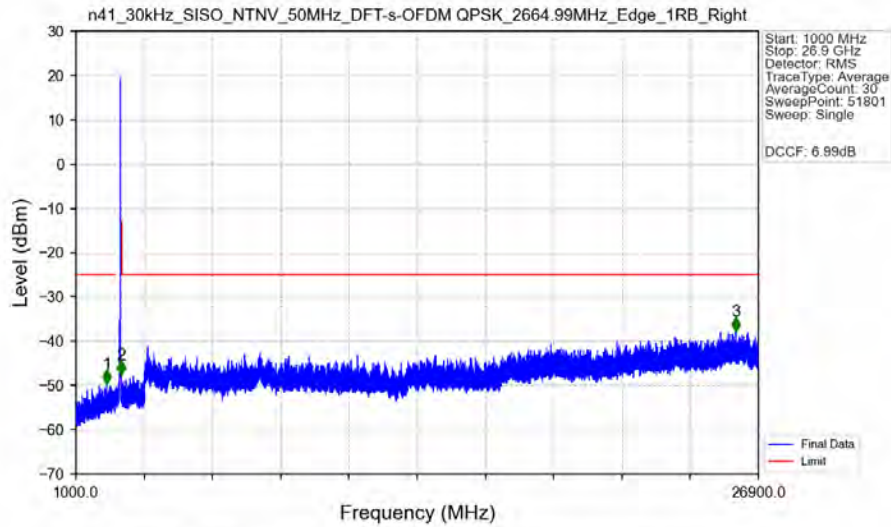
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2614.99	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.078	-42.51	-10	Pass
2691	2695	1	CHP	2	2691.503	-40.15	-10	Pass
2695	2740	1	CHP	3	2712.379	-43.24	-13	Pass
2740	2750	1	CHP	4	2743.370	-51.47	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2664.99MHz_Edge_1RB_Right_Ant6



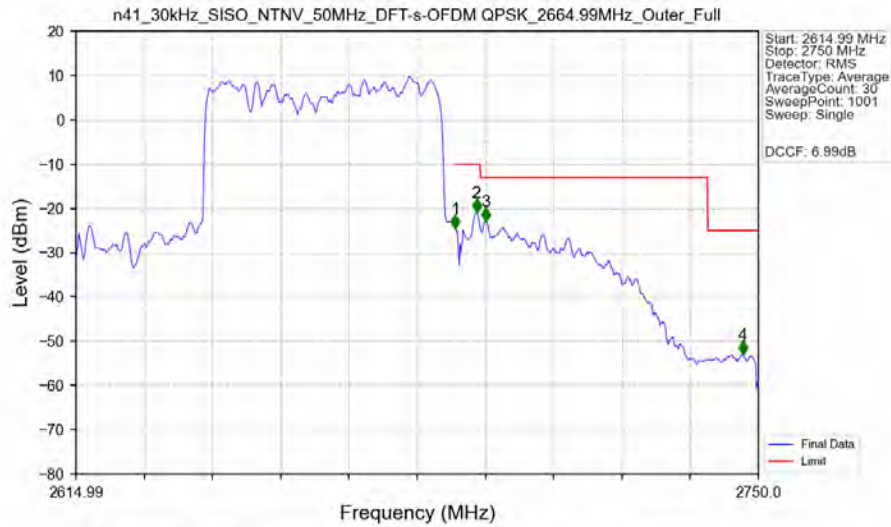
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	914.950	-54.53	25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2664.99MHz_Edge_1RB_Right_Ant6



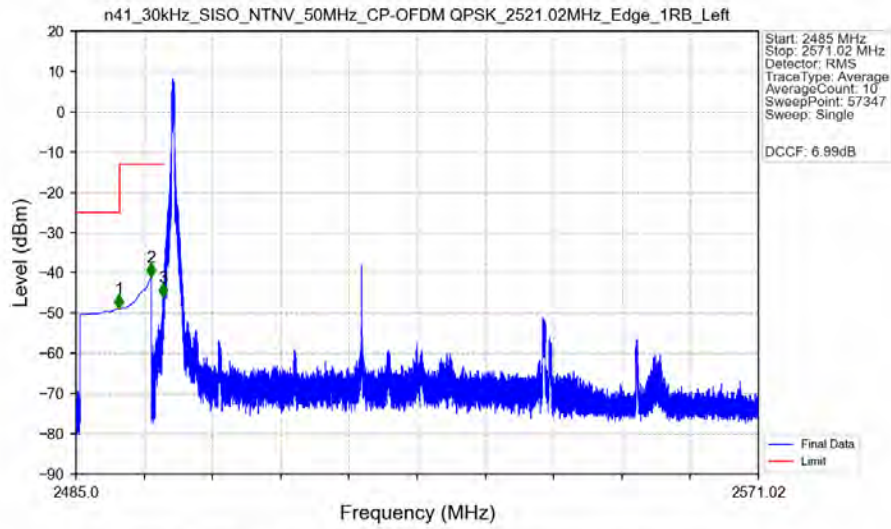
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2172.500	-49.58	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2740	1	/	2	2712.000	-47.48	-13	Pass
2740	26900	1	/	3	26042.500	-37.76	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2664.99MHz_Outer_Full_Ant6

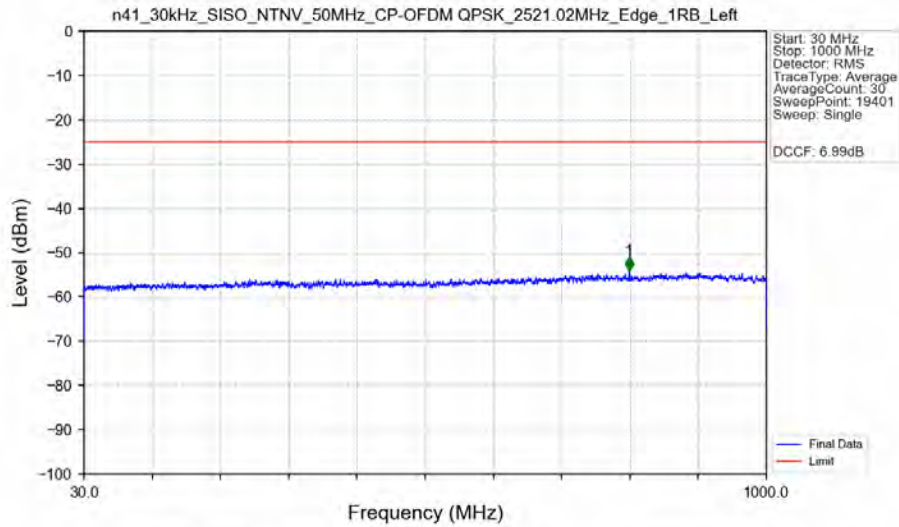


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2614.99	2690	1	CHP	/	/	/	/	/
2690	2691	1	CHP	1	2690.056	-24.54	-10	Pass
2691	2695	1	CHP	2	2694.241	-20.91	-10	Pass
2695	2740	1	CHP	3	2695.996	-22.95	-13	Pass
2740	2750	1	CHP	4	2746.895	-53.01	-25	Pass

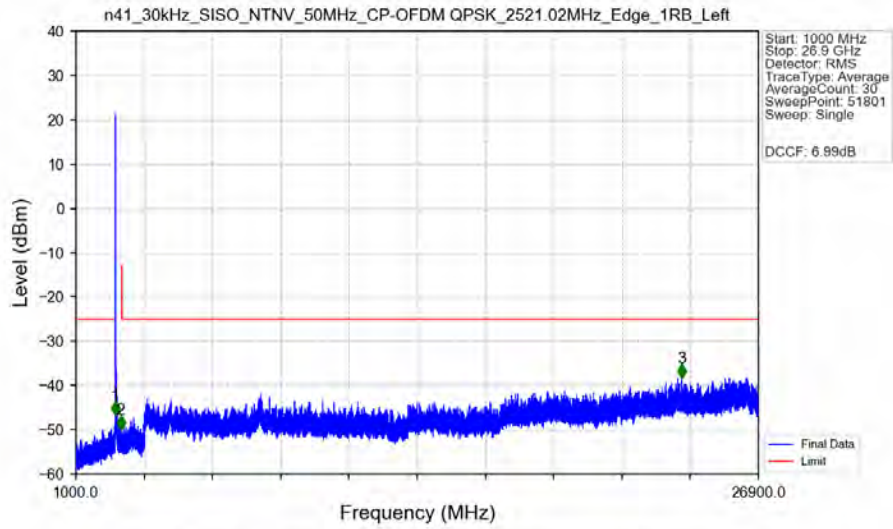
n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2521.02MHz_Edge_1RB_Left Ant6



n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2521.02MHz_Edge_1RB_Left Ant6

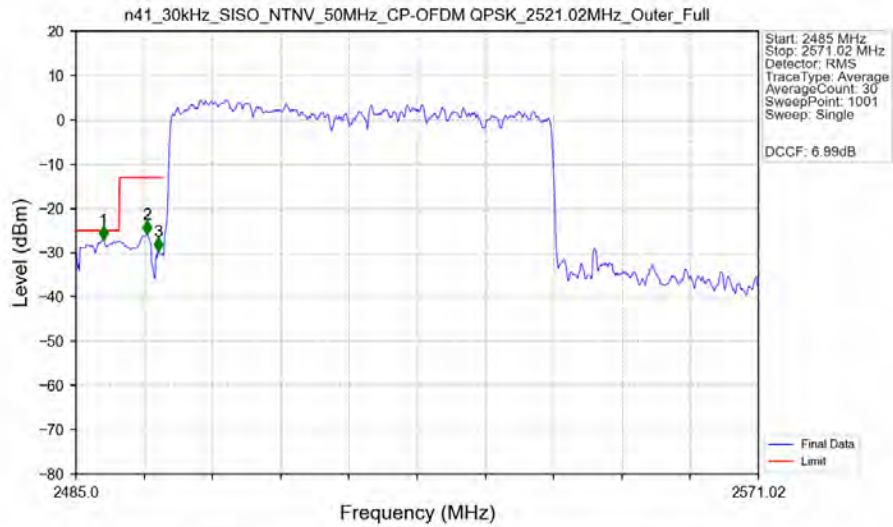


n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2521.02MHz_Edge_1RB_Left Ant6



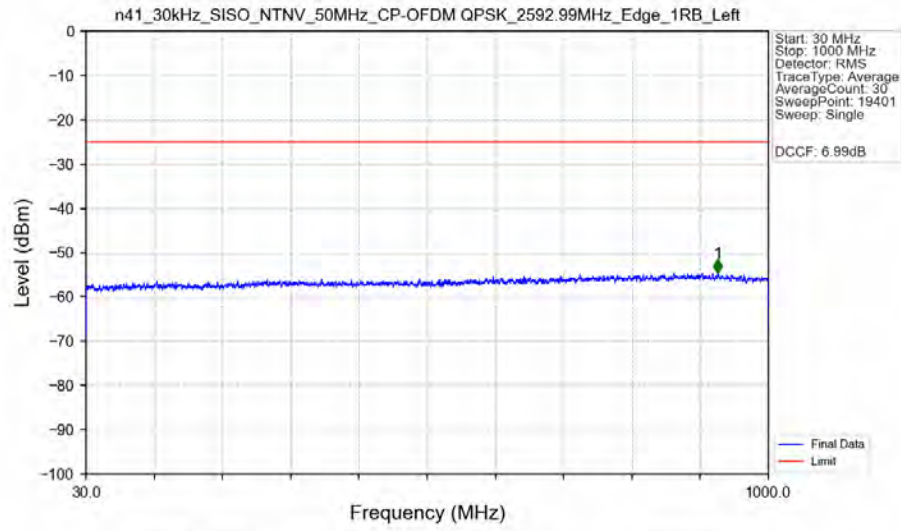
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2490.000	-46.60	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2740	1	/	2	2703.000	-49.89	-13	Pass
2740	26900	1	/	3	23987.000	-38.22	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2521.02MHz_Outer_Full Ant6

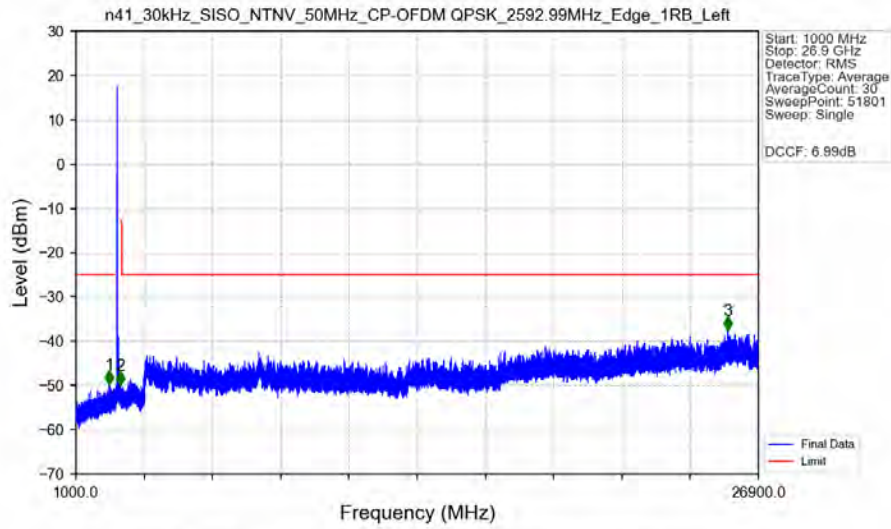


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.441	-27.07	-25	Pass
2490.5	2495	1	CHP	2	2493.946	-25.89	-13	Pass
2495	2496	0.494	CHP	3	2495.322	-29.61	-13	Pass
2496	2571.02	0.494	CHP	/	/	/	/	/

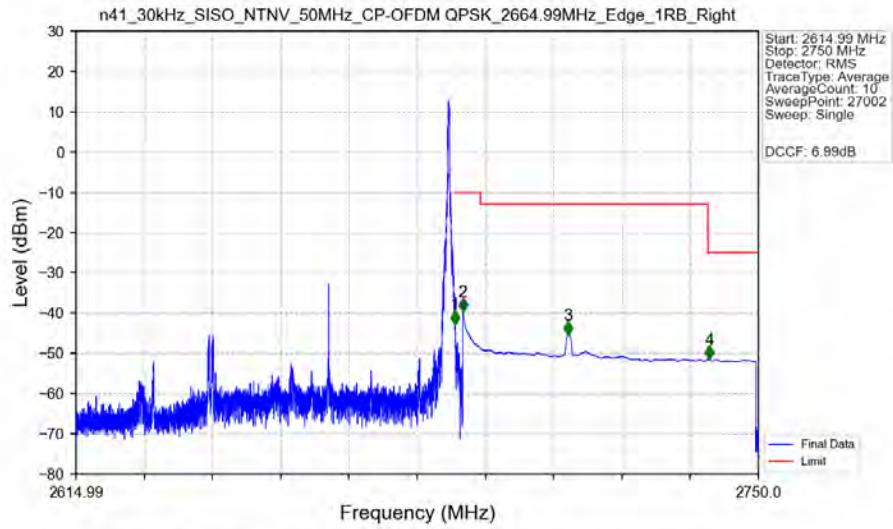
n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2592.99MHz_Edge_1RB_Left Ant6



n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2592.99MHz_Edge_1RB_Left Ant6

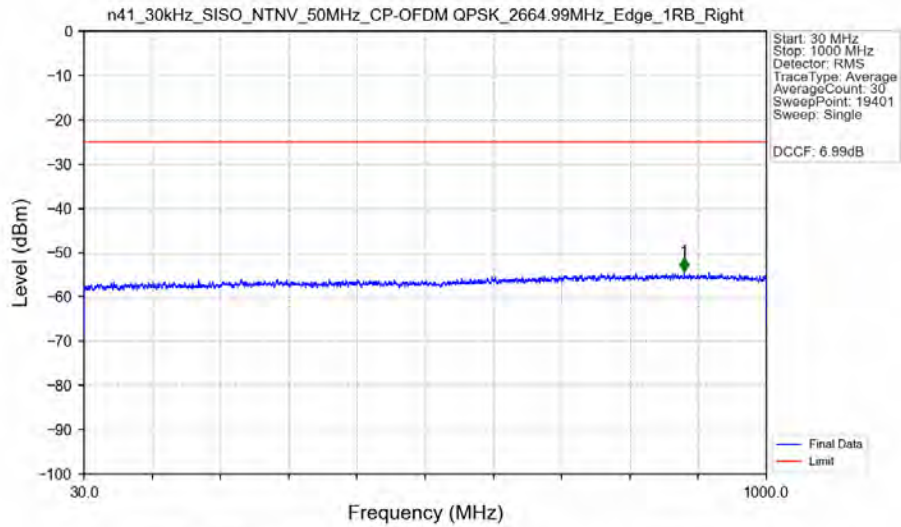


n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2664.99MHz_Edge_1RB_Right_Ant6



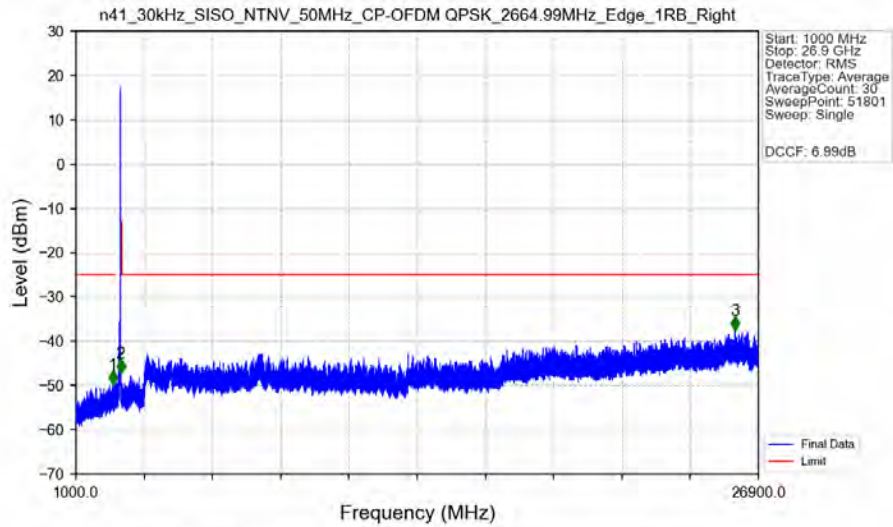
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2614.99	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.003	-42.77	-10	Pass
2691	2695	1	CHP	2	2691.513	-39.62	-10	Pass
2695	2740	1	CHP	3	2712.299	-45.42	-13	Pass
2740	2750	1	CHP	4	2740.295	-51.54	-25	Pass

n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2664.99MHz_Edge_1RB_Right_Ant6

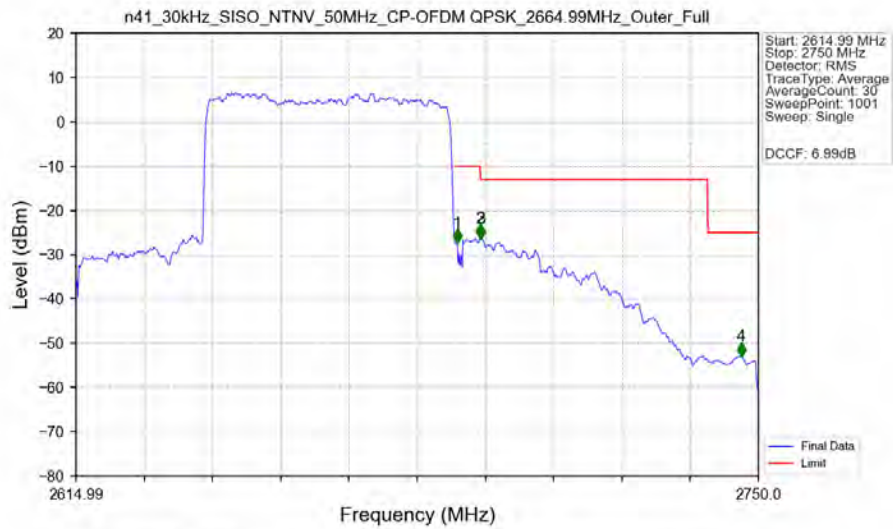


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	883.000	-54.30	-25	Pass

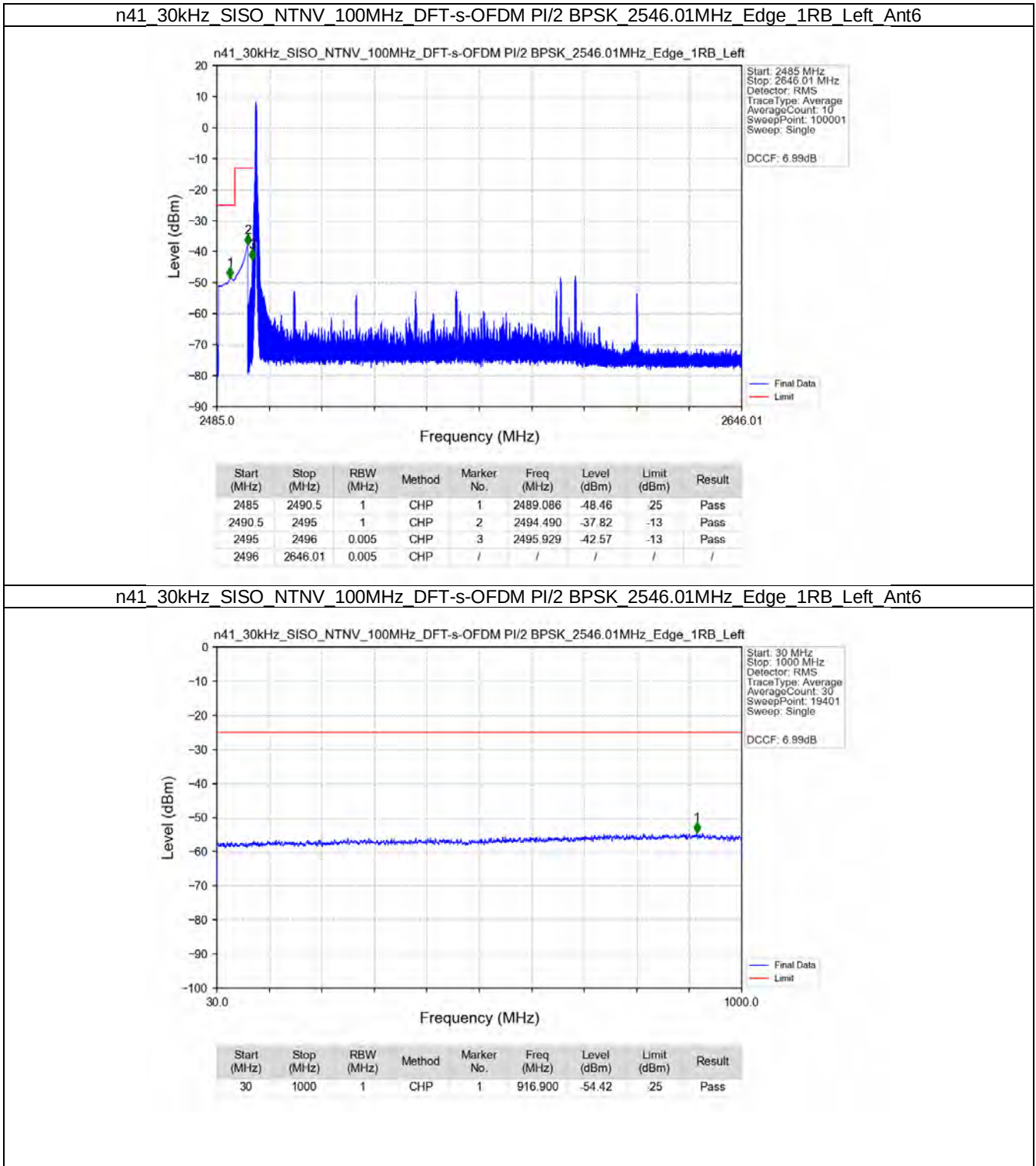
n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2664.99MHz_Edge_1RB_Right_Ant6



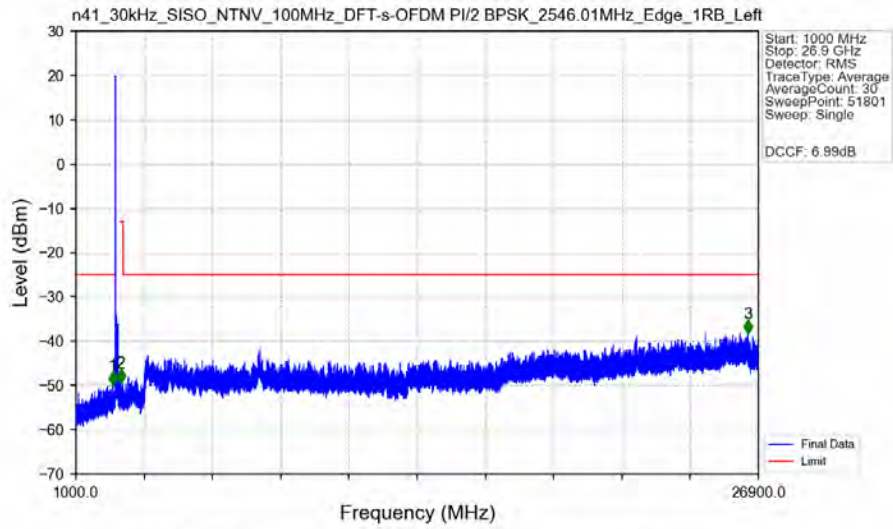
n41_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2664.99MHz_Outer_Full_Ant6



5.2.3 30k_SISO_100MHz_NTNV

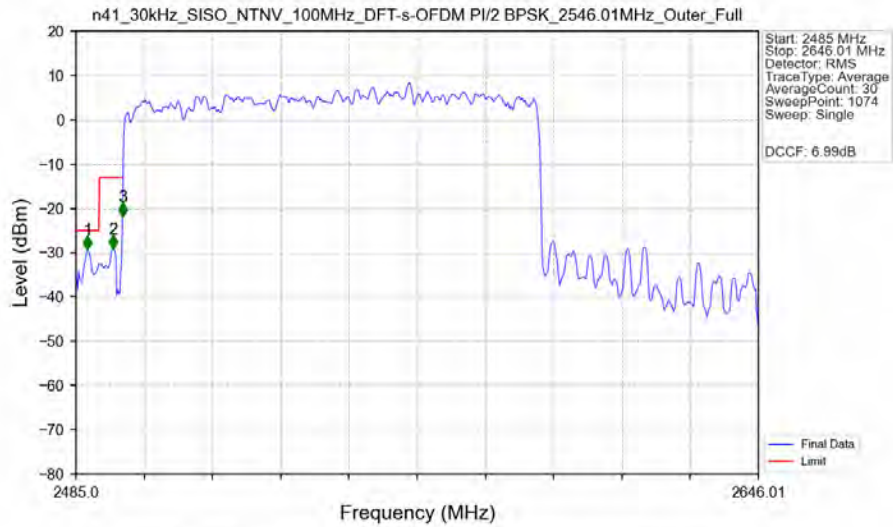


n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_2546.01MHz_Edge_1RB_Left_Ant6



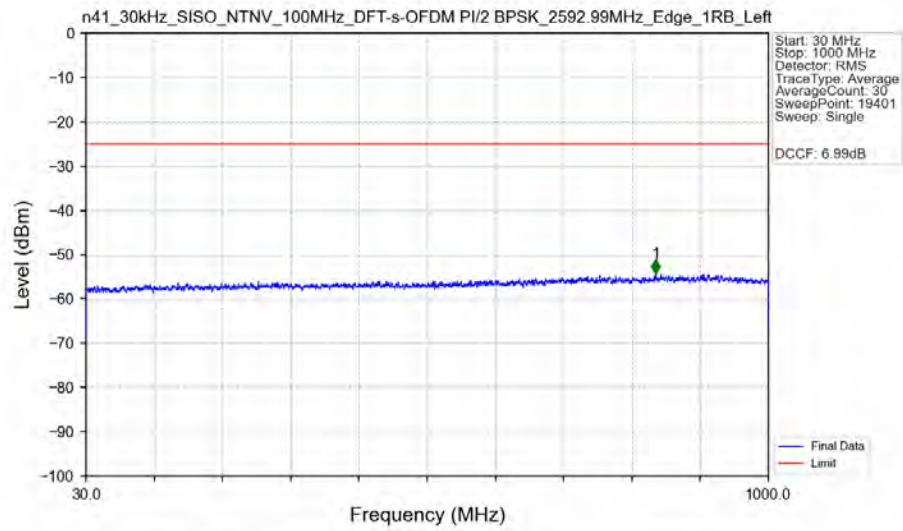
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2405.500	-49.92	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2790	1	/	2	2703.500	-49.44	-13	Pass
2790	26900	1	/	3	26499.000	-38.17	-25	Pass

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_2546.01MHz_Outer_Full_Ant6

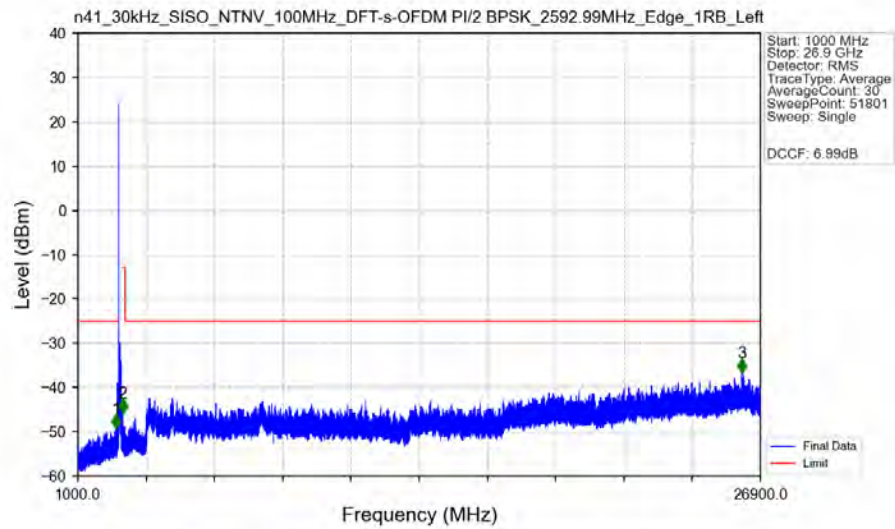


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.701	-29.36	-25	Pass
2490.5	2495	1	CHP	2	2493.703	-29.07	-13	Pass
2495	2496	1	CHP	3	2495.954	-21.92	-13	Pass
2496	2646.01	1	CHP	/	/	/	/	/

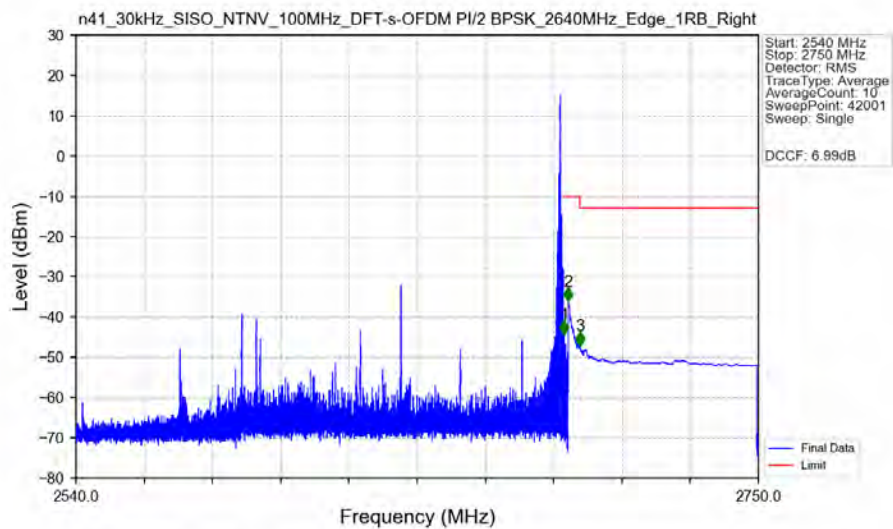
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_2592.99MHz_Edge_1RB_Left_Ant6



n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_2592.99MHz_Edge_1RB_Left_Ant6

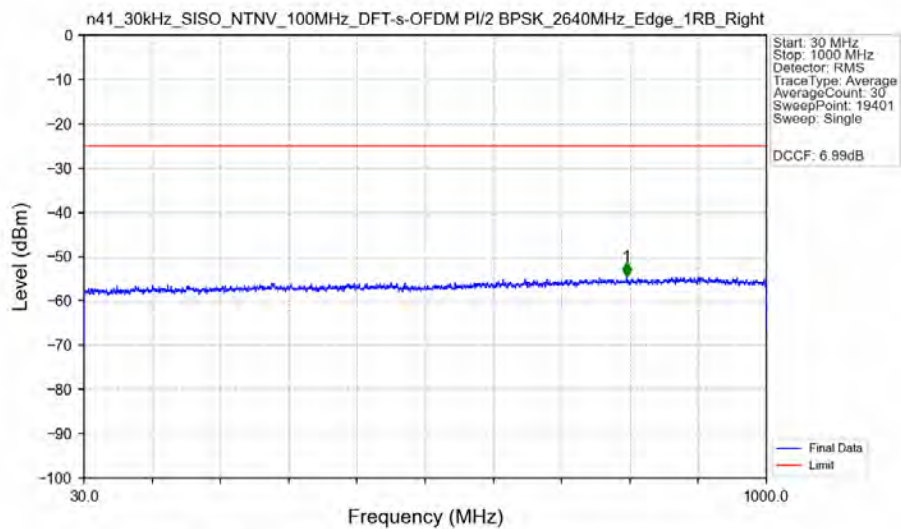


n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_2640MHz_Edge_1RB_Right_Ant6



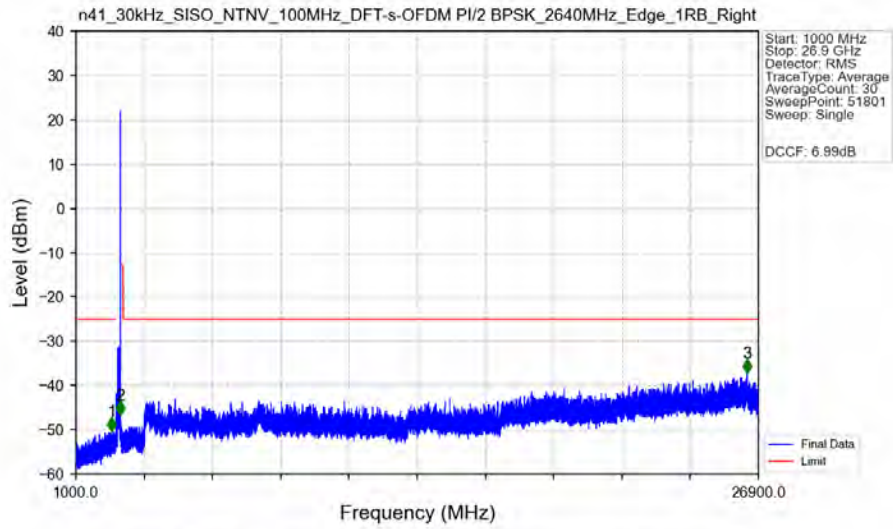
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.290	-44.23	-10	Pass
2691	2695	1	CHP	2	2691.500	-36.09	-10	Pass
2695	2750	1	CHP	3	2695.085	-47.02	-13	Pass

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_2640MHz_Edge_1RB_Right_Ant6



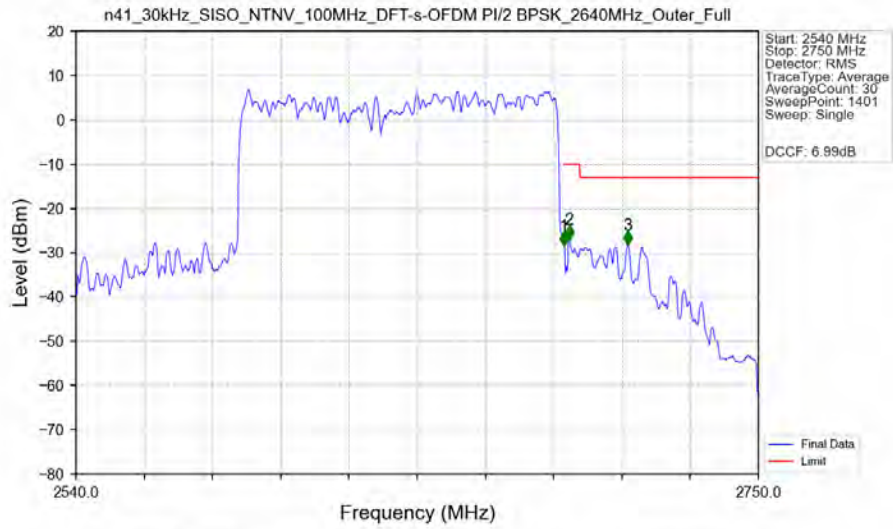
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	801.400	-54.46	25	Pass

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_2640MHz_Edge_1RB_Right_Ant6



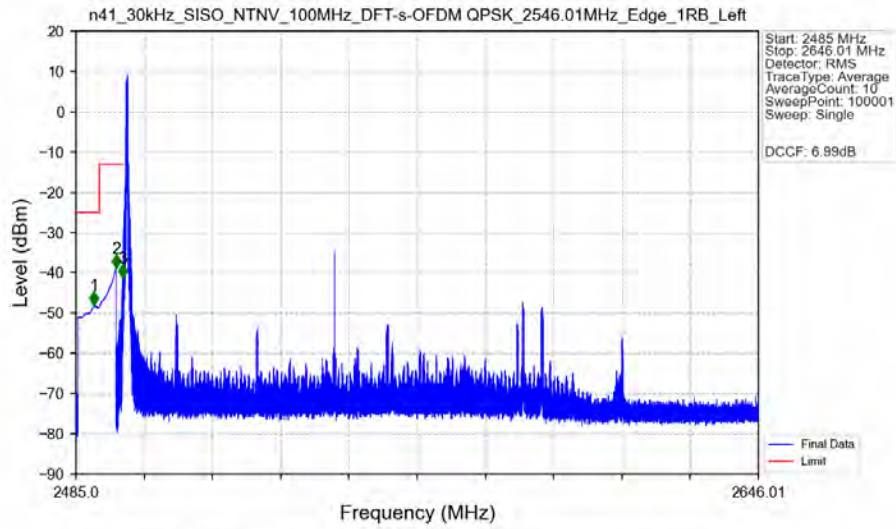
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2361.500	-50.32	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2790	1	/	2	2695.500	-46.58	-13	Pass
2790	26900	1	/	3	26482.000	-37.12	-25	Pass

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_2640MHz_Outer_Full_Ant6

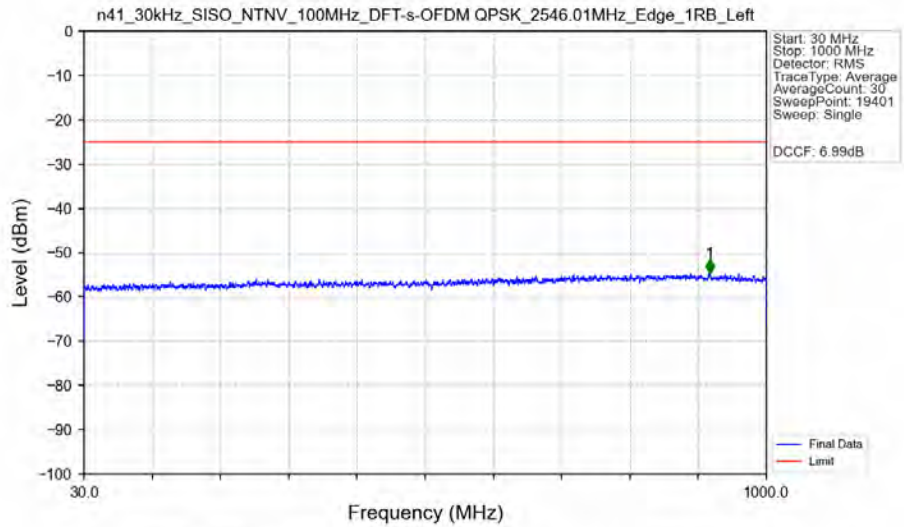


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	1	CHP	/	/	/	/	/
2690	2691	1	CHP	1	2690.150	-28.39	-10	Pass
2691	2695	1	CHP	2	2691.800	-27.00	-10	Pass
2695	2750	1	CHP	3	2709.800	-28.25	-13	Pass

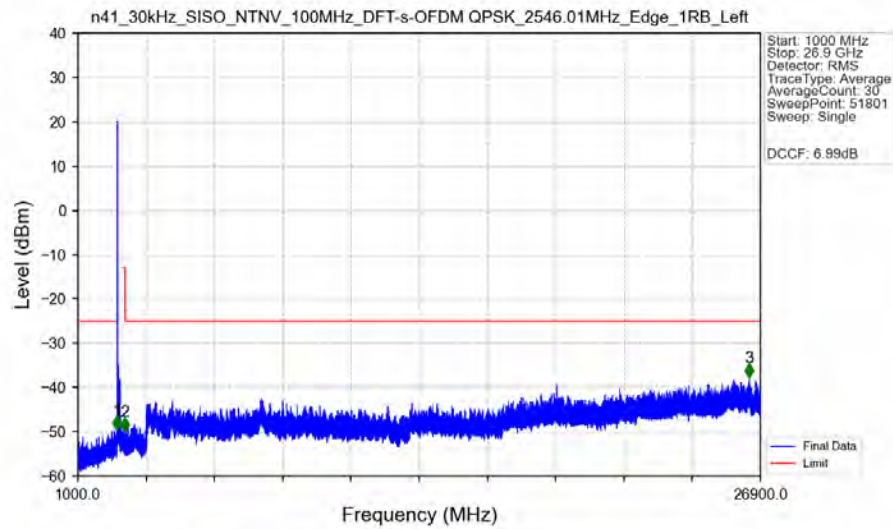
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2546.01MHz_Edge_1RB_Left_Ant6



n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2546.01MHz_Edge_1RB_Left_Ant6

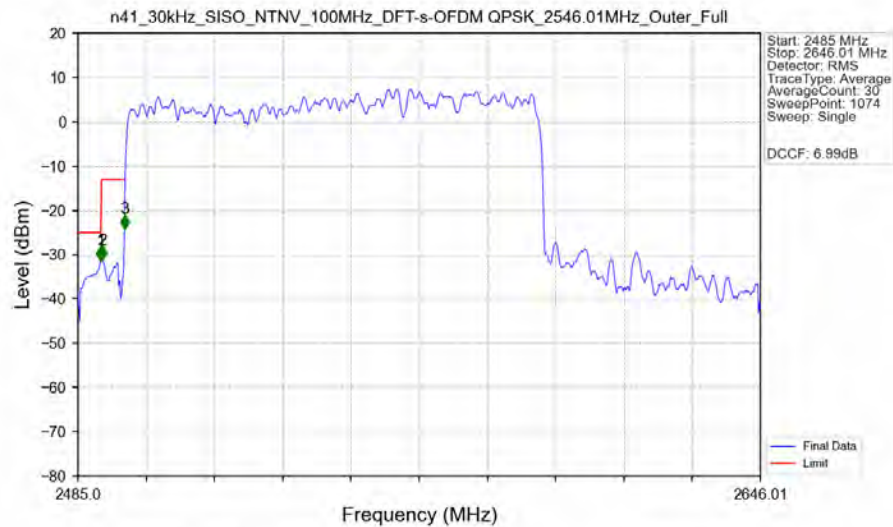


n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2546.01MHz_Edge_1RB_Left_Ant6



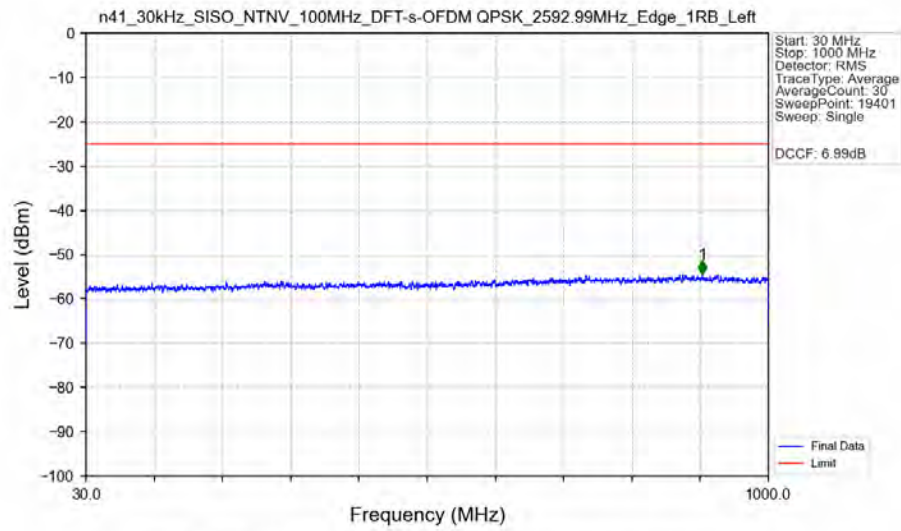
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2476.500	-49.49	25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2790	1	/	2	2789.000	-49.90	-13	Pass
2790	26900	1	/	3	26485.500	-37.74	-25	Pass

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2546.01MHz_Outer_Full_Ant6

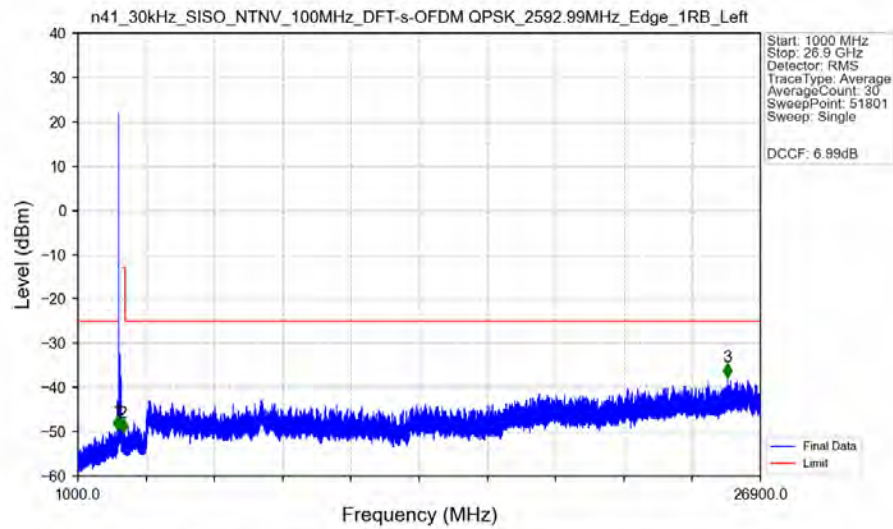


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.402	-31.30	25	Pass
2490.5	2495	1	CHP	2	2490.702	-31.16	-13	Pass
2495	2496	1	CHP	3	2495.954	-24.12	-13	Pass
2496	2646.01	1	CHP	/	/	/	/	/

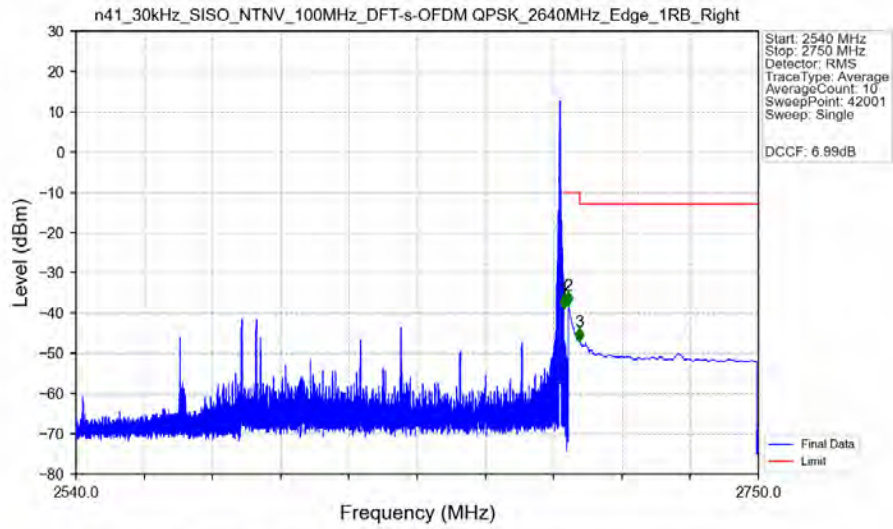
n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2592.99MHz Edge 1RB Left Ant6



n41 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 2592.99MHz Edge 1RB Left Ant6

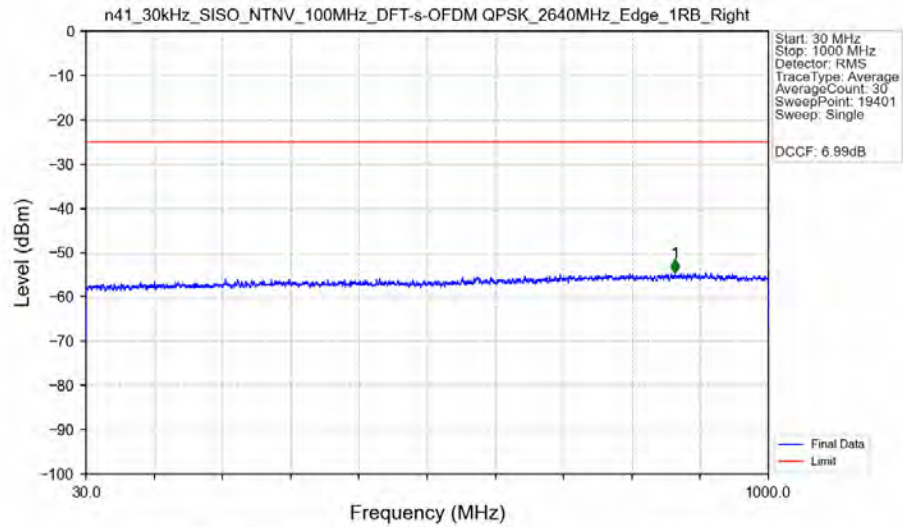


n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2640MHz_Edge_1RB_Right_Ant6



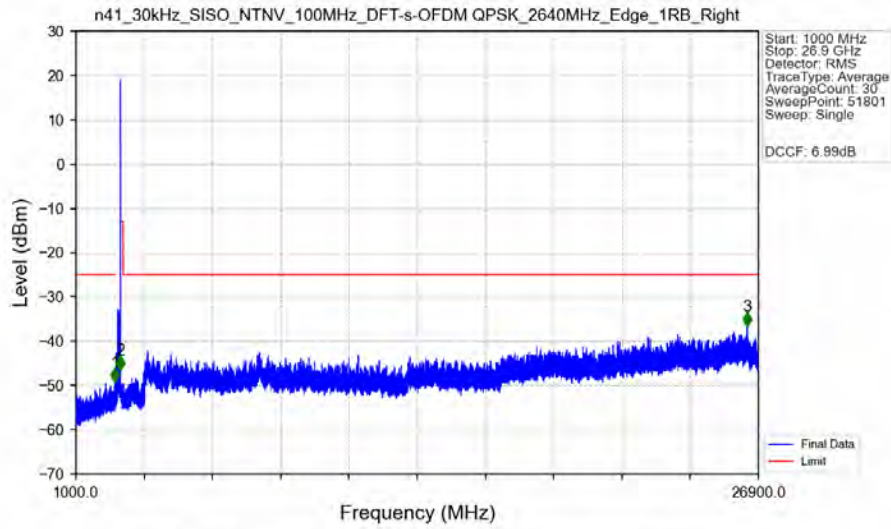
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.095	-38.86	-10	Pass
2691	2695	1	CHP	2	2691.515	-38.12	-10	Pass
2695	2750	1	CHP	3	2695.005	-47.10	-13	Pass

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2640MHz_Edge_1RB_Right_Ant6

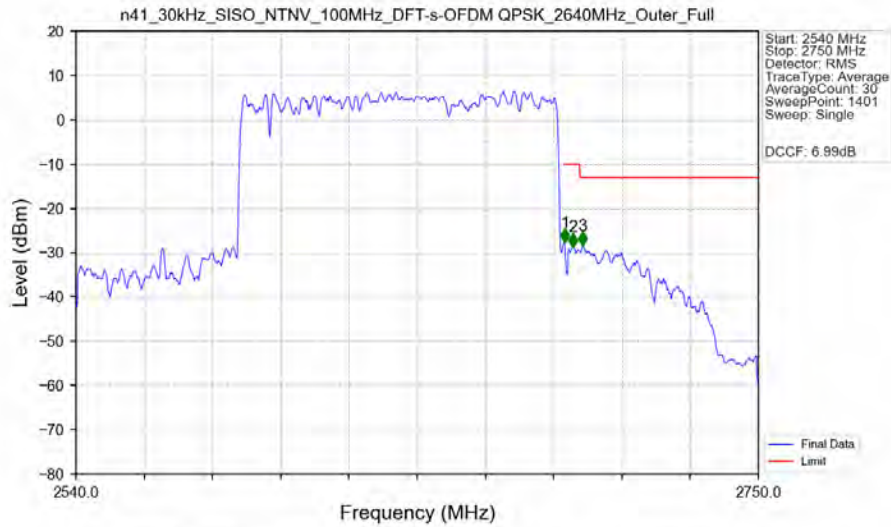


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	867.400	-54.59	25	Pass

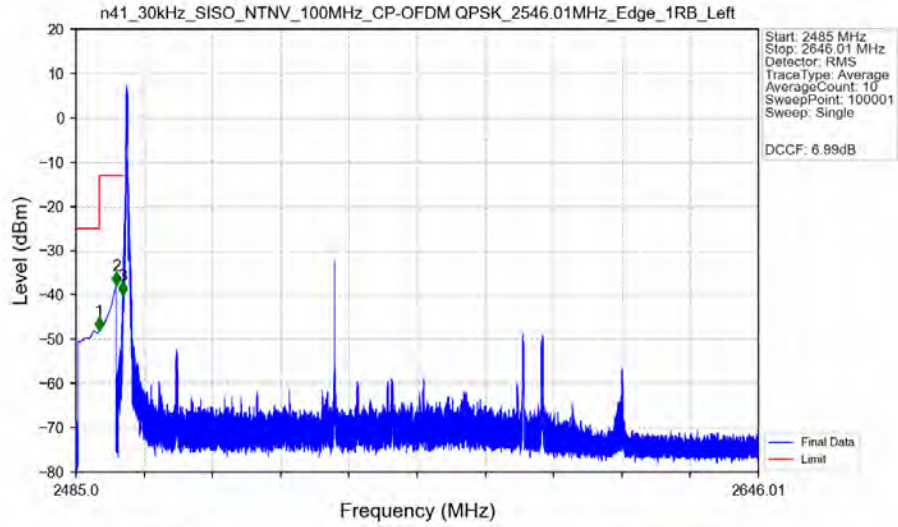
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2640MHz_Edge_1RB_Right_Ant6



n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_2640MHz_Outer_Full_Ant6

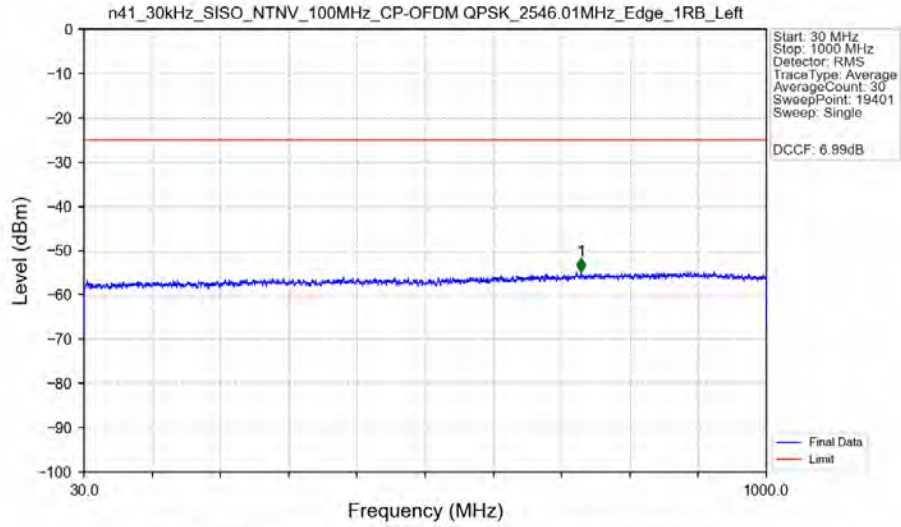


n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2546.01MHz_Edge_1RB_Left_Ant6



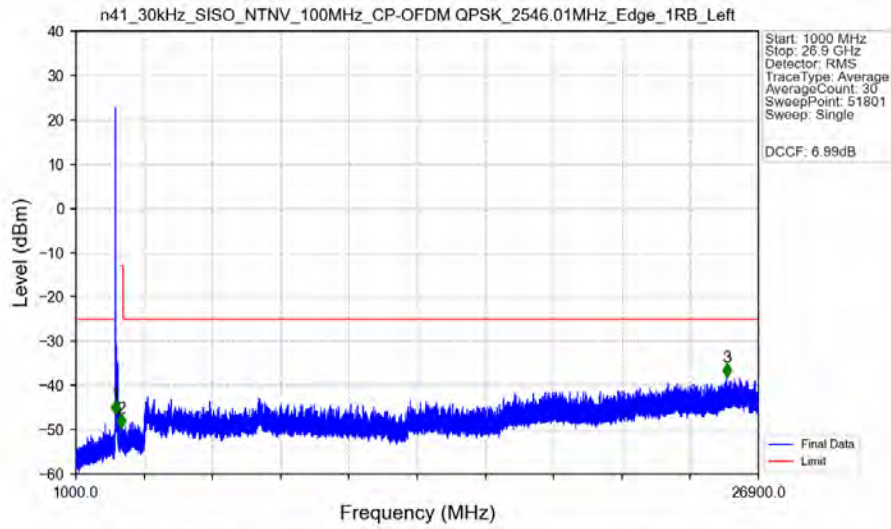
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.476	-48.07	-25	Pass
2490.5	2495	1	CHP	2	2494.496	-37.87	-13	Pass
2495	2496	0.005	CHP	3	2495.987	-39.99	-13	Pass
2496	2646.01	0.005	CHP	/	/	/	/	/

n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2546.01MHz_Edge_1RB_Left_Ant6



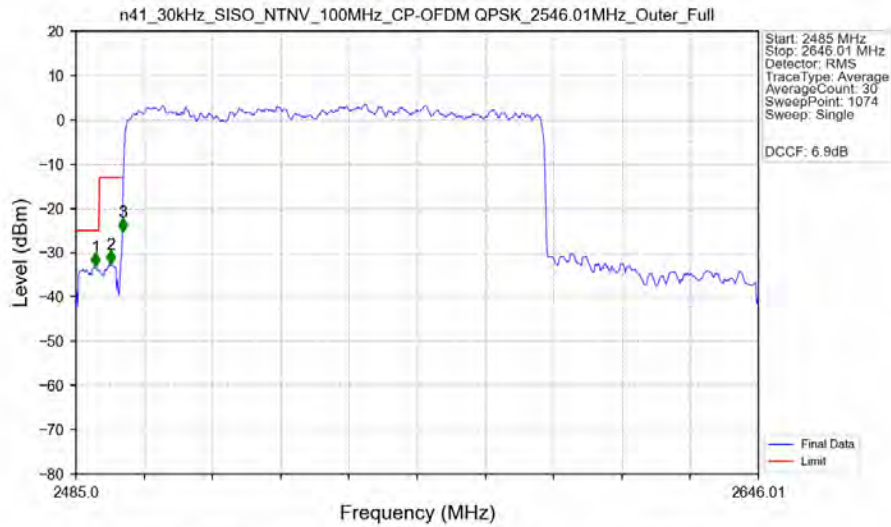
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	736.500	-54.68	-25	Pass

n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2546.01MHz_Edge_1RB_Left_Ant6



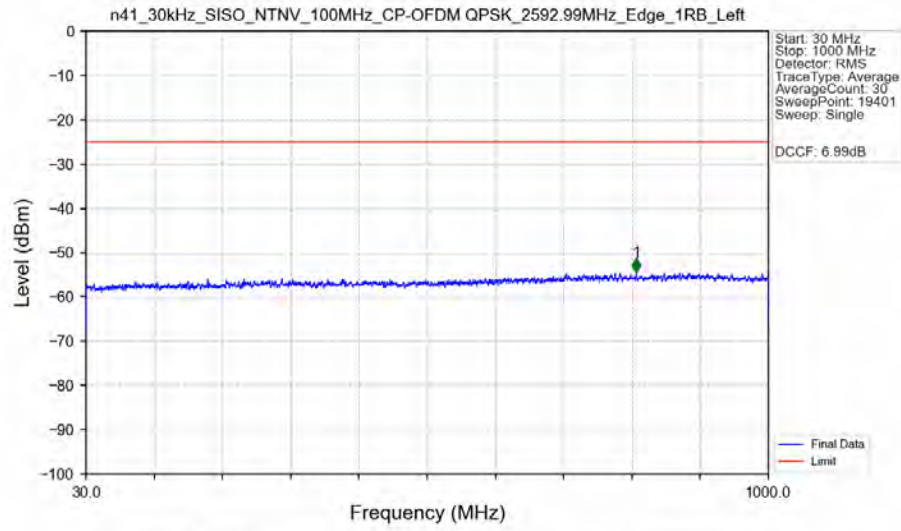
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2488.500	-46.47	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2790	1	/	2	2722.500	-49.61	-13	Pass
2790	26900	1	/	3	25695.500	-38.14	-25	Pass

n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2546.01MHz_Outer_Full_Ant6

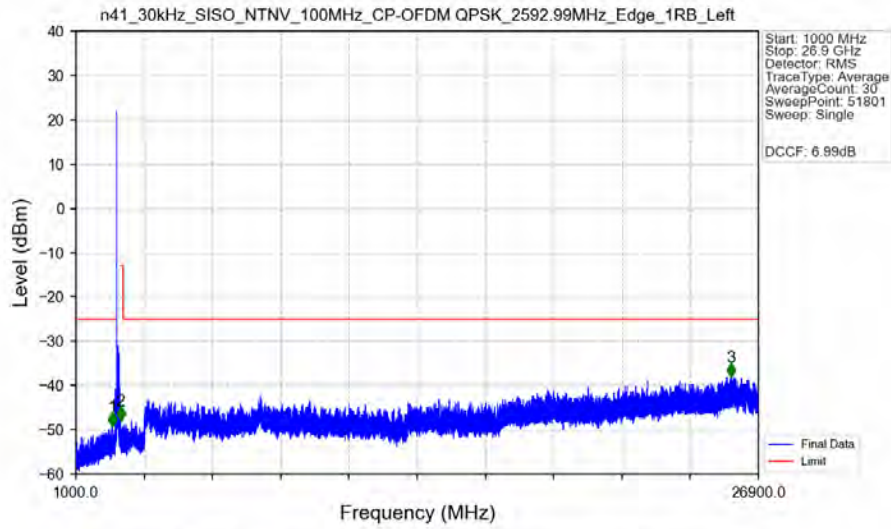


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.652	-33.17	-25	Pass
2490.5	2495	1	CHP	2	2493.253	-32.62	-13	Pass
2495	2496	1	CHP	3	2495.954	-25.22	-13	Pass
2496	2646.01	1	CHP	/	/	/	/	/

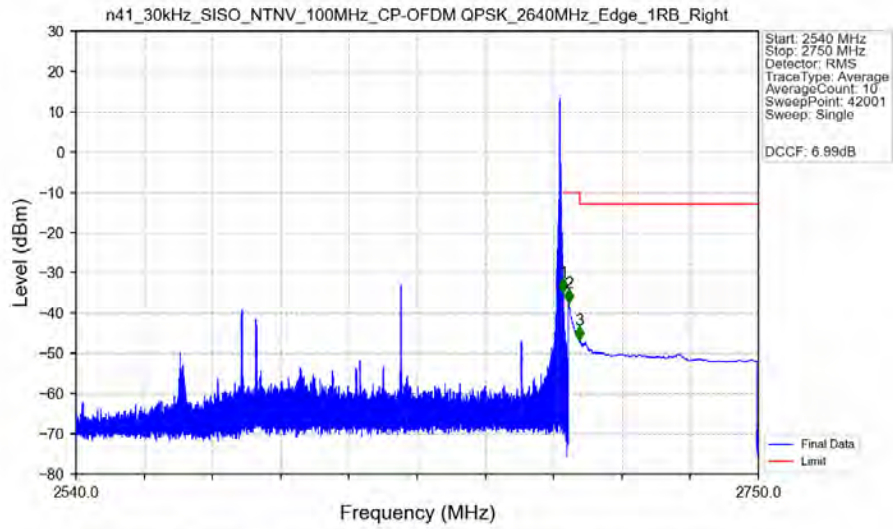
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2592.99MHz_Edge_1RB_Left_Ant6



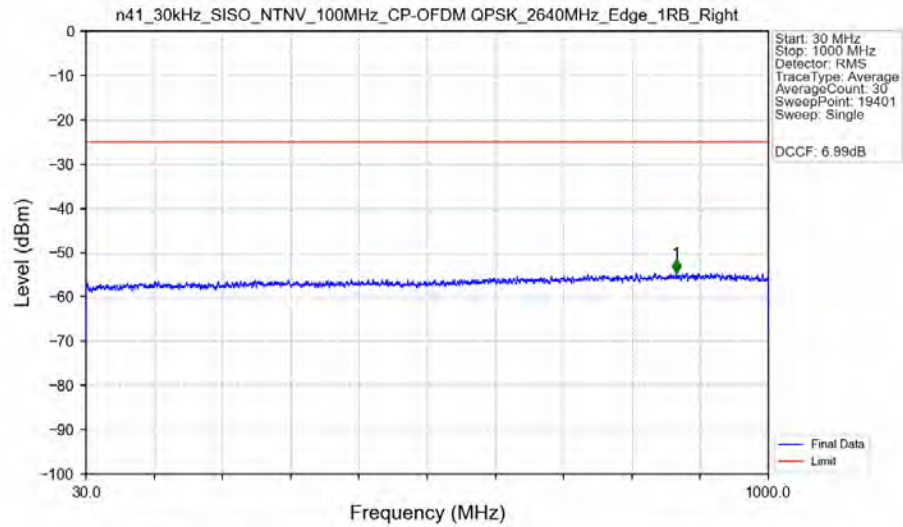
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2592.99MHz_Edge_1RB_Left_Ant6



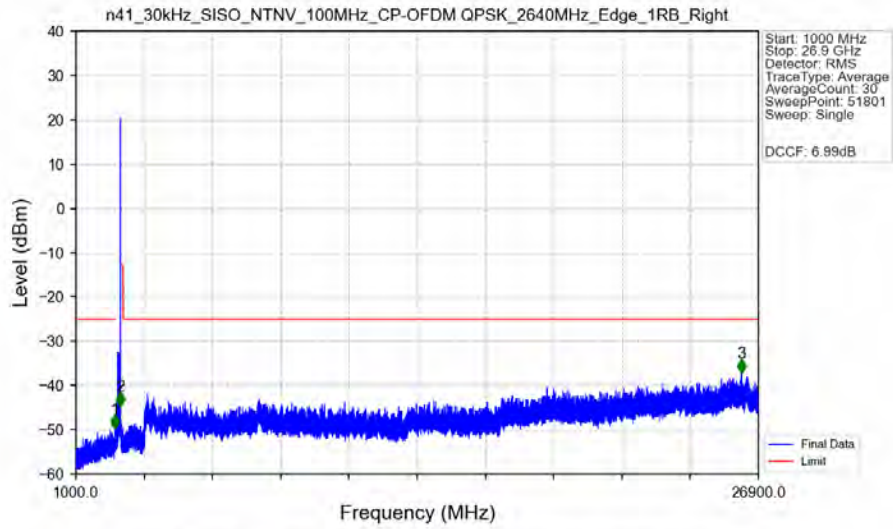
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2640MHz_Edge_1RB_Right_Ant6



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2640MHz_Edge_1RB_Right_Ant6



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2640MHz_Edge_1RB_Right_Ant6



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2479.000	-49.75	-25	Pass
2490.5	2695	1	/	/	/	/	/	/
2695	2790	1	/	2	2697.000	-44.73	-13	Pass
2790	26900	1	/	3	26263.000	-37.21	-25	Pass

n41_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_2640MHz_Outer_Full_Ant6



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	1	CHP	/	/	/	/	/
2690	2691	1	CHP	1	2690.150	-29.62	-10	Pass
2691	2695	1	CHP	2	2692.400	-30.06	-10	Pass
2695	2750	1	CHP	3	2697.350	-29.60	-13	Pass

6. Field Strength of Spurious Radiation

NR N41-Low 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
5002.02	-62.21	-25	-37.21	-67.78	4.57	10.14	Horizontal	Pass
7503.03	-59.51	-25	-34.51	-66.31	4.94	11.74	Horizontal	Pass
10004.04	-56.52	-25	-31.52	-64.09	5.46	13.03	Horizontal	Pass
5002.02	-62.0	-25	-37.0	-67.57	4.57	10.14	Vertical	Pass
7503.03	-60.38	-25	-35.38	-67.18	4.94	11.74	Vertical	Pass
10004.04	-56.57	-25	-31.57	-64.14	5.46	13.03	Vertical	Pass

NR N41-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
5095.98	-62.28	-25	-37.28	-67.88	4.6	10.2	Horizontal	Pass
7643.97	-59.61	-25	-34.61	-66.57	4.95	11.91	Horizontal	Pass
10191.96	-56.75	-25	-31.75	-64.32	5.49	13.06	Horizontal	Pass
5095.98	-62.76	-25	-37.76	-68.36	4.6	10.2	Vertical	Pass
7643.97	-59.96	-25	-34.96	-66.92	4.95	11.91	Vertical	Pass
10191.96	-56.74	-25	-31.74	-64.31	5.49	13.06	Vertical	Pass

NR N41-High 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
5190.0	-62.73	-25	-37.73	-68.36	4.63	10.26	Horizontal	Pass
7785.0	-59.02	-25	-34.02	-66.14	4.96	12.08	Horizontal	Pass
10380.0	-56.58	-25	-31.58	-64.16	5.52	13.1	Horizontal	Pass
5190.0	-63.18	-25	-38.18	-68.81	4.63	10.26	Vertical	Pass
7785.0	-59.21	-25	-34.21	-66.33	4.96	12.08	Vertical	Pass
10380.0	-56.49	-25	-31.49	-64.07	5.52	13.1	Vertical	Pass

NSA_2A_n41A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.02	-62.48	-25	-37.48	-68.05	4.57	10.14	Horizontal	Pass
7503.03	-60.24	-25	-35.24	-67.04	4.94	11.74	Horizontal	Pass
10004.04	-57.19	-25	-32.19	-64.76	5.46	13.03	Horizontal	Pass
5002.02	-62.62	-25	-37.62	-68.19	4.57	10.14	Vertical	Pass
7503.03	-60.37	-25	-35.37	-67.17	4.94	11.74	Vertical	Pass
10004.04	-57.04	-25	-32.04	-64.61	5.46	13.03	Vertical	Pass

NSA_2A_n41A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5095.98	-62.95	-25	-37.95	-68.55	4.6	10.2	Horizontal	Pass
7643.97	-60.35	-25	-35.35	-67.31	4.95	11.91	Horizontal	Pass
10191.96	-57.06	-25	-32.06	-64.63	5.49	13.06	Horizontal	Pass
5095.98	-62.91	-25	-37.91	-68.51	4.6	10.2	Vertical	Pass
7643.97	-60.41	-25	-35.41	-67.37	4.95	11.91	Vertical	Pass
10191.96	-56.97	-25	-31.97	-64.54	5.49	13.06	Vertical	Pass

NSA_2A_n41A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5190.0	-63.6	-25	-38.6	-69.23	4.63	10.26	Horizontal	Pass
7785.0	-59.2	-25	-34.2	-66.32	4.96	12.08	Horizontal	Pass
10380.0	-57.18	-25	-32.18	-64.76	5.52	13.1	Horizontal	Pass
5190.0	-64.26	-25	-39.26	-69.89	4.63	10.26	Vertical	Pass
7785.0	-59.53	-25	-34.53	-66.65	4.96	12.08	Vertical	Pass
10380.0	-57.34	-25	-32.34	-64.92	5.52	13.1	Vertical	Pass