1. Transmitter Conducted Power Output

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n26a SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	23.34	/	/	15.37	/	/	<=50	Pass
		Edge_1RB_Right	23.42	/	/	15.45	/	/	<=50	Pass
		Outer_Full	23.31	/	/	15.34	/	/	<=50	Pass
		Inner_Full	23.49	/	/	15.52	/	/	<=50	Pass
		Inner_1RB_Left	23.44	/	/	15.47	/	/	<=50	Pass
		Inner_1RB_Right	23.41	/	/	15.44	/	/	<=50	Pass
	819	Edge_1RB_Left	23.47	/	/	15.50	/	/	<=50	Pass
		Edge_1RB_Right	23.45	/	/	15.48	/	/	<=50	Pass
		Outer_Full	23.48	/	/	15.51	/	/	<=50	Pass
		Inner_Full	23.59	/	/	15.62	/	/	<=50	Pass
		Inner_1RB_Left	23.40	/	/	15.43	/	/	<=50	Pass
		Inner_1RB_Right	23.32	/	/	15.35	/	/	<=50	Pass
	821.5	Edge_1RB_Left	23.46	/	/	15.49	/	/	<=50	Pass
		Edge_1RB_Right	23.32	/	/	15.35	/	/	<=50	Pass
		Outer_Full	23.40	/	/	15.43	/	/	<=50	Pass
		Inner_Full	23.50	/	/	15.53	/	/	<=50	Pass
		Inner_1RB_Left	23.41	/	/	15.44	/	/	<=50	Pass
		Inner_1RB_Right	23.37	/	/	15.40	/	/	<=50	Pass
DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	22.97	/	/	15.00	/	/	<=50	Pass
		Edge_1RB_Right	22.88	/	/	14.91	/	/	<=50	Pass
		Outer_Full	23.05	/	/	15.08	/	/	<=50	Pass
		Inner_Full	23.47	/	/	15.50	/	/	<=50	Pass
		Inner_1RB_Left	23.51	/	/	15.54	/	/	<=50	Pass
		Inner_1RB_Right	23.47	/	/	15.50	/	/	<=50	Pass
	819	Edge_1RB_Left	22.93	/	/	14.96	/	/	<=50	Pass
		Edge_1RB_Right	22.98	/	/	15.01	/	/	<=50	Pass
		Outer_Full	22.94	/	/	14.97	/	/	<=50	Pass
		Inner_Full	23.57	/	/	15.60	/	/	<=50	Pass
		Inner_1RB_Left	23.48	/	/	15.51	/	/	<=50	Pass
		Inner_1RB_Right	23.43	/	/	15.46	/	/	<=50	Pass
	821.5	Edge_1RB_Left	22.86	/	/	14.89	/	/	<=50	Pass
		Edge_1RB_Right	22.88	/	/	14.91	/	/	<=50	Pass
		Outer_Full	22.80	/	/	14.83	/	/	<=50	Pass
		Inner_Full	23.57	/	/	15.60	/	/	<=50	Pass
		Inner_1RB_Left	23.48	/	/	15.51	/	/	<=50	Pass
		Inner_1RB_Right	23.45	/	/	15.48	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	816.5	Edge_1RB_Left	21.98	/	/	14.01	/	/	<=50	Pass
		Edge_1RB_Right	21.91	/	/	13.94	/	/	<=50	Pass
		Outer_Full	21.85	/	/	13.88	/	/	<=50	Pass
		Inner_Full	22.83	/	/	14.86	/	/	<=50	Pass
		Inner_1RB_Left	23.10	/	/	15.13	/	/	<=50	Pass
		Inner_1RB_Right	23.07	/	/	15.10	/	/	<=50	Pass
	819	Edge_1RB_Left	22.05	/	/	14.08	/	/	<=50	Pass
		Edge_1RB_Right	22.02	/	/	14.05	/	/	<=50	Pass
		Outer_Full	21.78	/	/	13.81	/	/	<=50	Pass
		Inner_Full	22.86	/	/	14.89	/	/	<=50	Pass
		Inner_1RB_Left	23.07	/	/	15.10	/	/	<=50	Pass

		Inner_1RB_Right	23.13	/	/	15.16	/	/	<=50	Pass
	821.5	Edge_1RB_Left	21.94	/	/	13.97	/	/	<=50	Pass
		Edge_1RB_Right	22.05	/	/	14.08	/	/	<=50	Pass
		Outer_Full	21.83	/	/	13.86	/	/	<=50	Pass
		Inner_Full	22.90	/	/	14.93	/	/	<=50	Pass
		Inner_1RB_Left	23.08	/	/	15.11	/	/	<=50	Pass
		Inner_1RB_Right	23.11	/	/	15.14	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	816.5	Edge_1RB_Left	21.41	/	/	13.44	/	/	<=50	Pass
		Edge_1RB_Right	21.44	/	/	13.47	/	/	<=50	Pass
		Outer_Full	21.62	/	/	13.65	/	/	<=50	Pass
		Inner_Full	21.16	/	/	13.19	/	/	<=50	Pass
		Inner_1RB_Left	21.74	/	/	13.77	/	/	<=50	Pass
		Inner_1RB_Right	21.54	/	/	13.57	/	/	<=50	Pass
	819	Edge_1RB_Left	21.48	/	/	13.51	/	/	<=50	Pass
		Edge_1RB_Right	21.43	/	/	13.46	/	/	<=50	Pass
		Outer_Full	21.53	/	/	13.56	/	/	<=50	Pass
		Inner_Full	21.47	/	/	13.50	/	/	<=50	Pass
		Inner_1RB_Left	21.67	/	/	13.70	/	/	<=50	Pass
		Inner_1RB_Right	21.78	/	/	13.81	/	/	<=50	Pass
	821.5	Edge_1RB_Left	21.40	/	/	13.43	/	/	<=50	Pass
		Edge_1RB_Right	21.40	/	/	13.43	/	/	<=50	Pass
		Outer_Full	21.45	/	/	13.48	/	/	<=50	Pass
		Inner_Full	21.34	/	/	13.37	/	/	<=50	Pass
		Inner_1RB_Left	21.43	/	/	13.46	/	/	<=50	Pass
		Inner_1RB_Right	21.45	/	/	13.48	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	816.5	Edge_1RB_Left	18.96	/	/	10.99	/	/	<=50	Pass
		Edge_1RB_Right	18.97	/	/	11.00	/	/	<=50	Pass
		Outer_Full	19.32	/	/	11.35	/	/	<=50	Pass
		Inner_Full	19.16	/	/	11.19	/	/	<=50	Pass
		Inner_1RB_Left	18.95	/	/	10.98	/	/	<=50	Pass
		Inner_1RB_Right	19.01	/	/	11.04	/	/	<=50	Pass
	819	Edge_1RB_Left	18.80	/	/	10.83	/	/	<=50	Pass
		Edge_1RB_Right	18.87	/	/	10.90	/	/	<=50	Pass
		Outer_Full	19.23	/	/	11.26	/	/	<=50	Pass
		Inner_Full	19.31	/	/	11.34	/	/	<=50	Pass
		Inner_1RB_Left	18.86	/	/	10.89	/	/	<=50	Pass
		Inner_1RB_Right	18.99	/	/	11.02	/	/	<=50	Pass
	821.5	Edge_1RB_Left	18.88	/	/	10.91	/	/	<=50	Pass
		Edge_1RB_Right	19.18	/	/	11.21	/	/	<=50	Pass
		Outer_Full	19.44	/	/	11.47	/	/	<=50	Pass
		Inner_Full	19.17	/	/	11.20	/	/	<=50	Pass
		Inner_1RB_Left	19.10	/	/	11.13	/	/	<=50	Pass
		Inner_1RB_Right	19.27	/	/	11.30	/	/	<=50	Pass
CP-OFDM QPSK	816.5	Edge_1RB_Left	20.86	/	/	12.89	/	/	<=50	Pass
		Edge_1RB_Right	20.76	/	/	12.79	/	/	<=50	Pass
		Outer_Full	20.85	/	/	12.88	/	/	<=50	Pass
		Inner_Full	22.52	/	/	14.55	/	/	<=50	Pass
		Inner_1RB_Left	22.62	/	/	14.65	/	/	<=50	Pass
		Inner_1RB_Right	22.59	/	/	14.62	/	/	<=50	Pass
	819	Edge_1RB_Left	20.79	/	/	12.82	/	/	<=50	Pass
		Edge_1RB_Right	20.91	/	/	12.94	/	/	<=50	Pass
		Outer_Full	20.89	/	/	12.92	/	/	<=50	Pass
		Inner_Full	22.59	/	/	14.62	/	/	<=50	Pass
		Inner_1RB_Left	22.60	/	/	14.63	/	/	<=50	Pass
		Inner_1RB_Right	22.76	/	/	14.79	/	/	<=50	Pass
	821.5	Edge_1RB_Left	20.80	/	/	12.83	/	/	<=50	Pass
		Edge_1RB_Right	20.82	/	/	12.85	/	/	<=50	Pass
		Outer_Full	21.00	/	/	13.03	/	/	<=50	Pass
		Inner_Full	22.56	/	/	14.59	/	/	<=50	Pass

		Inner_1RB_Left	22.59	/	/	14.62	/	/	<=50	Pass
		Inner_1RB_Right	22.59	/	/	14.62	/	/	<=50	Pass
CP-OFDM 16 QAM	816.5	Edge_1RB_Left	20.92	/	/	12.95	/	/	<=50	Pass
		Edge_1RB_Right	20.86	/	/	12.89	/	/	<=50	Pass
		Outer_Full	20.90	/	/	12.93	/	/	<=50	Pass
		Inner_Full	21.89	/	/	13.92	/	/	<=50	Pass
		Inner_1RB_Left	22.14	/	/	14.17	/	/	<=50	Pass
		Inner_1RB_Right	21.96	/	/	13.99	/	/	<=50	Pass
	819	Edge_1RB_Left	20.89	/	/	12.92	/	/	<=50	Pass
		Edge_1RB_Right	20.89	/	/	12.92	/	/	<=50	Pass
		Outer_Full	20.84	/	/	12.87	/	/	<=50	Pass
		Inner_Full	22.08	/	/	14.11	/	/	<=50	Pass
		Inner_1RB_Left	21.97	/	/	14.00	/	/	<=50	Pass
		Inner_1RB_Right	22.13	/	/	14.16	/	/	<=50	Pass
	821.5	Edge_1RB_Left	20.83	/	/	12.86	/	/	<=50	Pass
		Edge_1RB_Right	20.92	/	/	12.95	/	/	<=50	Pass
		Outer_Full	20.93	/	/	12.96	/	/	<=50	Pass
		Inner_Full	21.83	/	/	13.86	/	/	<=50	Pass
		Inner_1RB_Left	21.99	/	/	14.02	/	/	<=50	Pass
		Inner_1RB_Right	22.04	/	/	14.07	/	/	<=50	Pass
CP-OFDM 64 QAM	816.5	Edge_1RB_Left	20.40	/	/	12.43	/	/	<=50	Pass
		Edge_1RB_Right	20.33	/	/	12.36	/	/	<=50	Pass
		Outer_Full	20.45	/	/	12.48	/	/	<=50	Pass
		Inner_Full	20.32	/	/	12.35	/	/	<=50	Pass
		Inner_1RB_Left	20.34	/	/	12.37	/	/	<=50	Pass
		Inner_1RB_Right	20.37	/	/	12.40	/	/	<=50	Pass
	819	Edge_1RB_Left	20.27	/	/	12.30	/	/	<=50	Pass
		Edge_1RB_Right	20.34	/	/	12.37	/	/	<=50	Pass
		Outer_Full	20.25	/	/	12.28	/	/	<=50	Pass
		Inner_Full	20.51	/	/	12.54	/	/	<=50	Pass
		Inner_1RB_Left	20.29	/	/	12.32	/	/	<=50	Pass
		Inner_1RB_Right	20.40	/	/	12.43	/	/	<=50	Pass
	821.5	Edge_1RB_Left	20.29	/	/	12.32	/	/	<=50	Pass
		Edge_1RB_Right	20.30	/	/	12.33	/	/	<=50	Pass
		Outer_Full	20.62	/	/	12.65	/	/	<=50	Pass
		Inner_Full	20.22	/	/	12.25	/	/	<=50	Pass
		Inner_1RB_Left	20.28	/	/	12.31	/	/	<=50	Pass
		Inner_1RB_Right	20.35	/	/	12.38	/	/	<=50	Pass
CP-OFDM 256 QAM	816.5	Edge_1RB_Left	17.57	/	/	9.60	/	/	<=50	Pass
		Edge_1RB_Right	17.54	/	/	9.57	/	/	<=50	Pass
		Outer_Full	17.66	/	/	9.69	/	/	<=50	Pass
		Inner_Full	17.65	/	/	9.68	/	/	<=50	Pass
		Inner_1RB_Left	17.35	/	/	9.38	/	/	<=50	Pass
		Inner_1RB_Right	17.46	/	/	9.49	/	/	<=50	Pass
	819	Edge_1RB_Left	17.44	/	/	9.47	/	/	<=50	Pass
		Edge_1RB_Right	17.51	/	/	9.54	/	/	<=50	Pass
		Outer_Full	17.49	/	/	9.52	/	/	<=50	Pass
		Inner_Full	17.73	/	/	9.76	/	/	<=50	Pass
		Inner_1RB_Left	17.46	/	/	9.49	/	/	<=50	Pass
		Inner_1RB_Right	17.41	/	/	9.44	/	/	<=50	Pass
	821.5	Edge_1RB_Left	17.45	/	/	9.48	/	/	<=50	Pass
		Edge_1RB_Right	17.30	/	/	9.33	/	/	<=50	Pass
		Outer_Full	17.67	/	/	9.70	/	/	<=50	Pass
		Inner_Full	17.73	/	/	9.76	/	/	<=50	Pass
		Inner_1RB_Left	17.47	/	/	9.50	/	/	<=50	Pass
		Inner_1RB_Right	17.38	/	/	9.41	/	/	<=50	Pass
Note1: Antenna Gain: Ant0: -5.82dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n26a SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	23.36	/	/	15.39	/	/	<=50	Pass
		Edge_1RB_Right	23.28	/	/	15.31	/	/	<=50	Pass
		Outer_Full	23.36	/	/	15.39	/	/	<=50	Pass
		Inner_Full	23.72	/	/	15.75	/	/	<=50	Pass
		Inner_1RB_Left	23.32	/	/	15.35	/	/	<=50	Pass
		Inner_1RB_Right	23.40	/	/	15.43	/	/	<=50	Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	22.89	/	/	14.92	/	/	<=50	Pass
		Edge_1RB_Right	22.73	/	/	14.76	/	/	<=50	Pass
		Outer_Full	23.05	/	/	15.08	/	/	<=50	Pass
		Inner_Full	23.50	/	/	15.53	/	/	<=50	Pass
		Inner_1RB_Left	23.57	/	/	15.60	/	/	<=50	Pass
		Inner_1RB_Right	23.56	/	/	15.59	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	819	Edge_1RB_Left	21.90	/	/	13.93	/	/	<=50	Pass
		Edge_1RB_Right	21.87	/	/	13.90	/	/	<=50	Pass
		Outer_Full	21.84	/	/	13.87	/	/	<=50	Pass
		Inner_Full	22.88	/	/	14.91	/	/	<=50	Pass
		Inner_1RB_Left	23.13	/	/	15.16	/	/	<=50	Pass
		Inner_1RB_Right	23.03	/	/	15.06	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	819	Edge_1RB_Left	17.17	/	/	9.20	/	/	<=50	Pass
		Edge_1RB_Right	17.16	/	/	9.19	/	/	<=50	Pass
		Outer_Full	16.62	/	/	8.65	/	/	<=50	Pass
		Inner_Full	17.10	/	/	9.13	/	/	<=50	Pass
		Inner_1RB_Left	17.19	/	/	9.22	/	/	<=50	Pass
		Inner_1RB_Right	17.31	/	/	9.34	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	819	Edge_1RB_Left	14.56	/	/	6.59	/	/	<=50	Pass
		Edge_1RB_Right	15.00	/	/	7.03	/	/	<=50	Pass
		Outer_Full	14.98	/	/	7.01	/	/	<=50	Pass
		Inner_Full	14.97	/	/	7.00	/	/	<=50	Pass
		Inner_1RB_Left	14.68	/	/	6.71	/	/	<=50	Pass
		Inner_1RB_Right	14.85	/	/	6.88	/	/	<=50	Pass
CP-OFDM QPSK	819	Edge_1RB_Left	20.91	/	/	12.94	/	/	<=50	Pass
		Edge_1RB_Right	20.92	/	/	12.95	/	/	<=50	Pass
		Outer_Full	16.71	/	/	8.74	/	/	<=50	Pass
		Inner_Full	22.53	/	/	14.56	/	/	<=50	Pass
		Inner_1RB_Left	22.58	/	/	14.61	/	/	<=50	Pass
		Inner_1RB_Right	22.65	/	/	14.68	/	/	<=50	Pass
CP-OFDM 16 QAM	819	Edge_1RB_Left	20.92	/	/	12.95	/	/	<=50	Pass
		Edge_1RB_Right	20.91	/	/	12.94	/	/	<=50	Pass
		Outer_Full	20.93	/	/	12.96	/	/	<=50	Pass
		Inner_Full	21.76	/	/	13.79	/	/	<=50	Pass
		Inner_1RB_Left	22.00	/	/	14.03	/	/	<=50	Pass
		Inner_1RB_Right	22.18	/	/	14.21	/	/	<=50	Pass
CP-OFDM 64 QAM	819	Edge_1RB_Left	20.33	/	/	12.36	/	/	<=50	Pass
		Edge_1RB_Right	20.40	/	/	12.43	/	/	<=50	Pass
		Outer_Full	20.19	/	/	12.22	/	/	<=50	Pass
		Inner_Full	20.57	/	/	12.60	/	/	<=50	Pass
		Inner_1RB_Left	20.59	/	/	12.62	/	/	<=50	Pass
		Inner_1RB_Right	20.39	/	/	12.42	/	/	<=50	Pass
CP-OFDM 256 QAM	819	Edge_1RB_Left	17.37	/	/	9.40	/	/	<=50	Pass
		Edge_1RB_Right	17.34	/	/	9.37	/	/	<=50	Pass
		Outer_Full	17.78	/	/	9.81	/	/	<=50	Pass
		Inner_Full	17.64	/	/	9.67	/	/	<=50	Pass
		Inner_1RB_Left	17.30	/	/	9.33	/	/	<=50	Pass
		Inner_1RB_Right	17.35	/	/	9.38	/	/	<=50	Pass
Note1: Antenna Gain: Ant0: -5.82dBi;										

Note2: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_10MHz

5G NR n26a SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	819	Outer_Full	20	LV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0067	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0094	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
			10	NV	-6.00	-0.0073	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0098	>=-2.5 & <=2.5	Pass
			30	NV	-6.90	-0.0084	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0079	>=-2.5 & <=2.5	Pass
			50	NV	-3.90	-0.0048	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n26a SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	4.57	5.41	/	Pass
DFT-s-OFDM QPSK	819	Outer_Full	4.54	5.26	/	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	4.55	5.36	/	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	4.53	5.22	/	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	4.61	5.45	/	Pass
CP-OFDM QPSK	819	Outer_Full	4.55	5.44	/	Pass
CP-OFDM 16 QAM	819	Outer_Full	4.58	5.50	/	Pass
CP-OFDM 64 QAM	819	Outer_Full	4.51	5.28	/	Pass
CP-OFDM 256 QAM	819	Outer_Full	4.54	5.33	/	Pass

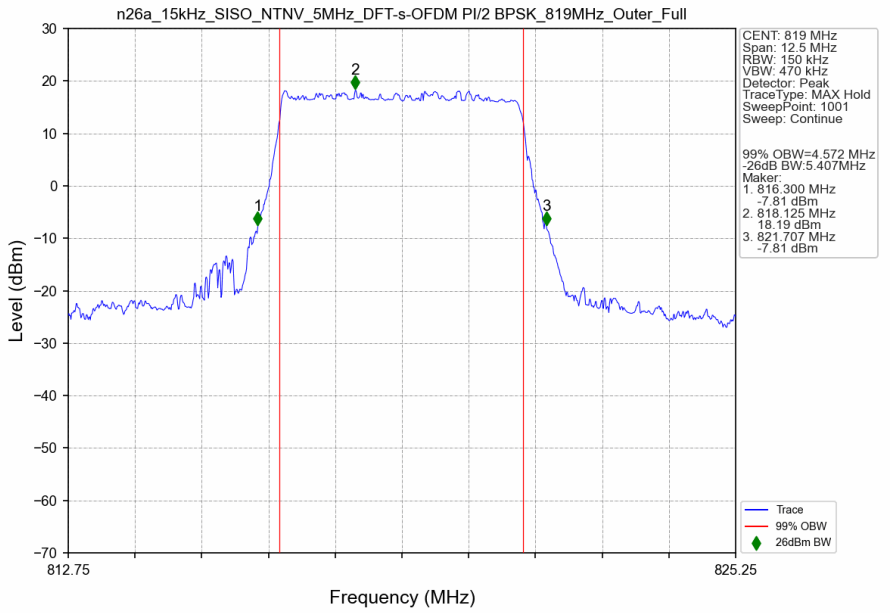
3.1.2 15k_SISO_10MHz_NTNV

5G NR n26a SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	9.02	9.93	/	Pass
DFT-s-OFDM QPSK	819	Outer_Full	9.05	10.05	/	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	9.05	10.08	/	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	9.05	10.04	/	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	9.05	10.03	/	Pass
CP-OFDM QPSK	819	Outer_Full	9.38	10.44	/	Pass
CP-OFDM 16 QAM	819	Outer_Full	9.40	10.39	/	Pass
CP-OFDM 64 QAM	819	Outer_Full	9.36	10.33	/	Pass
CP-OFDM 256 QAM	819	Outer_Full	9.38	10.38	/	Pass

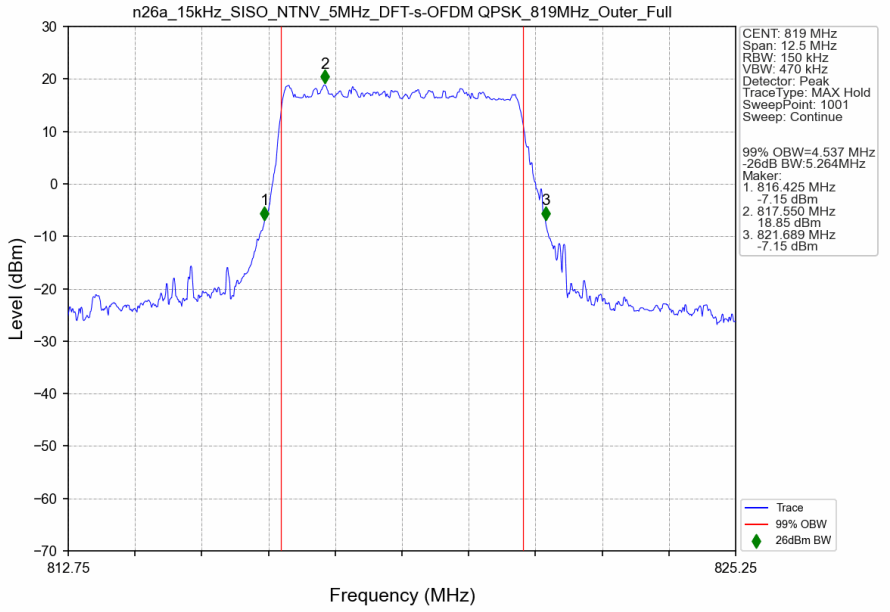
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

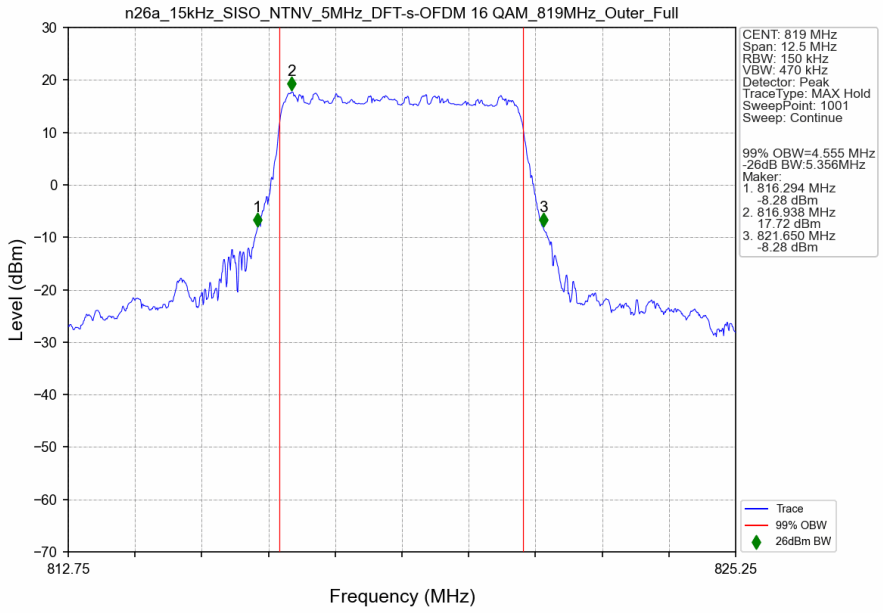
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Outer_Full_Ant0



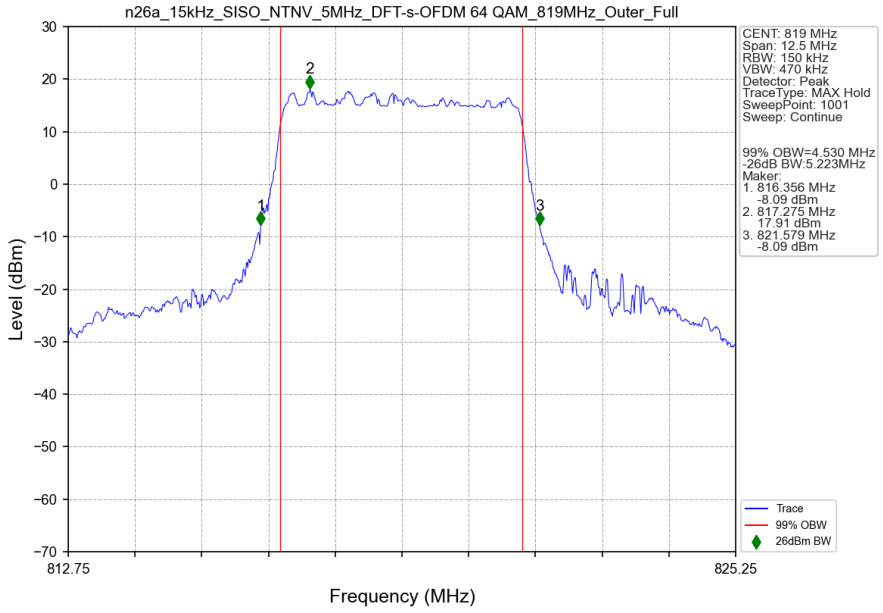
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



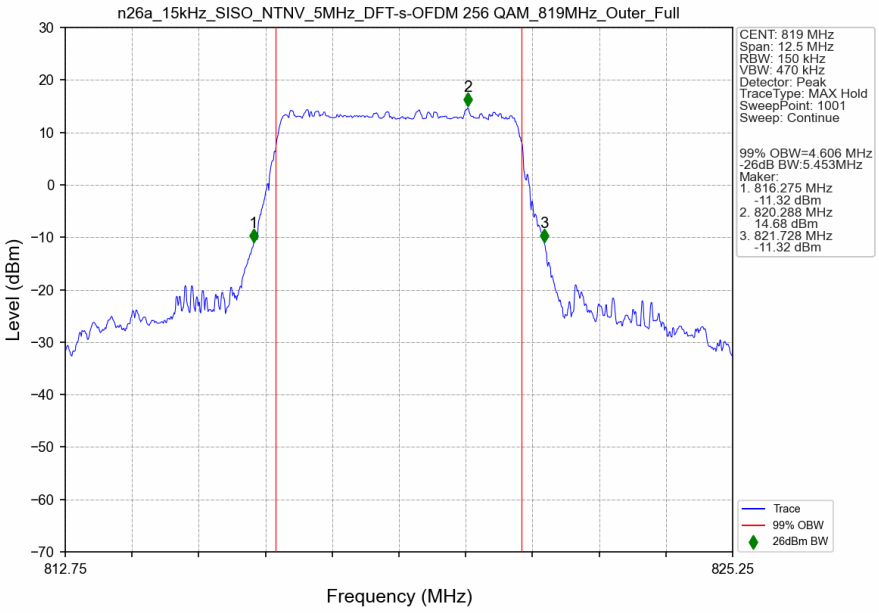
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



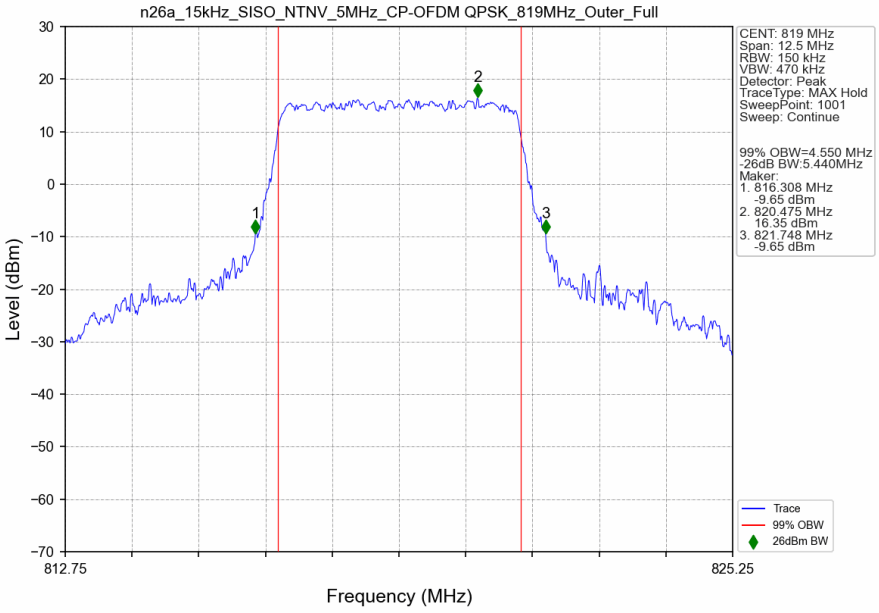
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



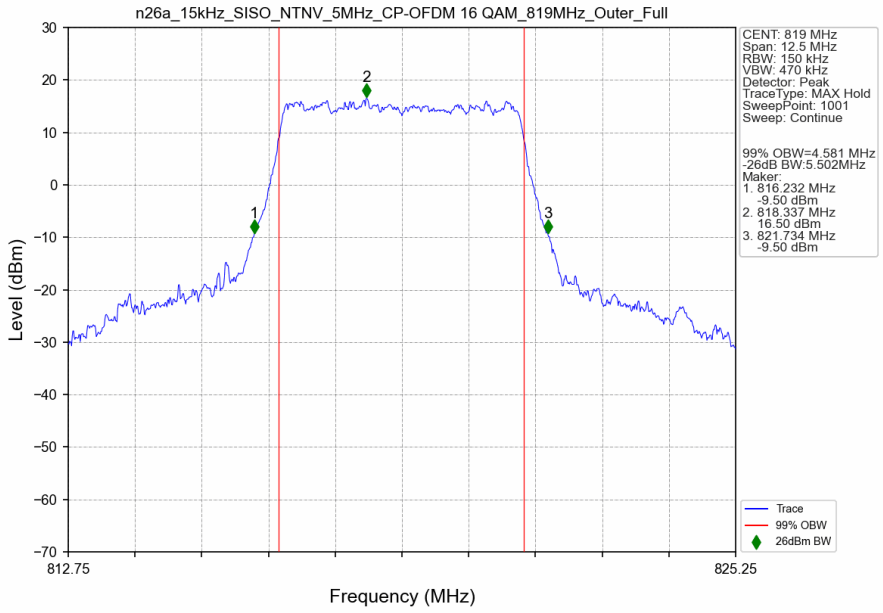
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full_Ant0



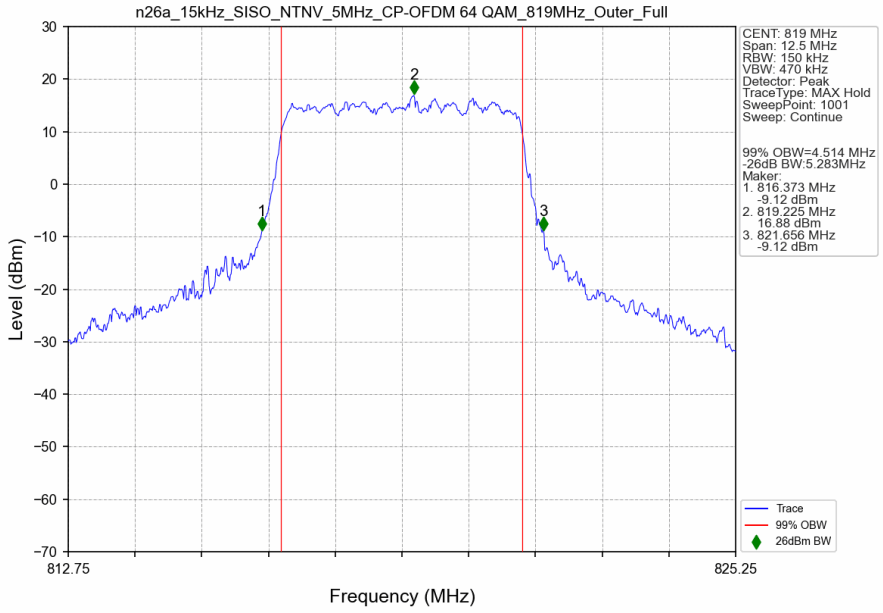
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



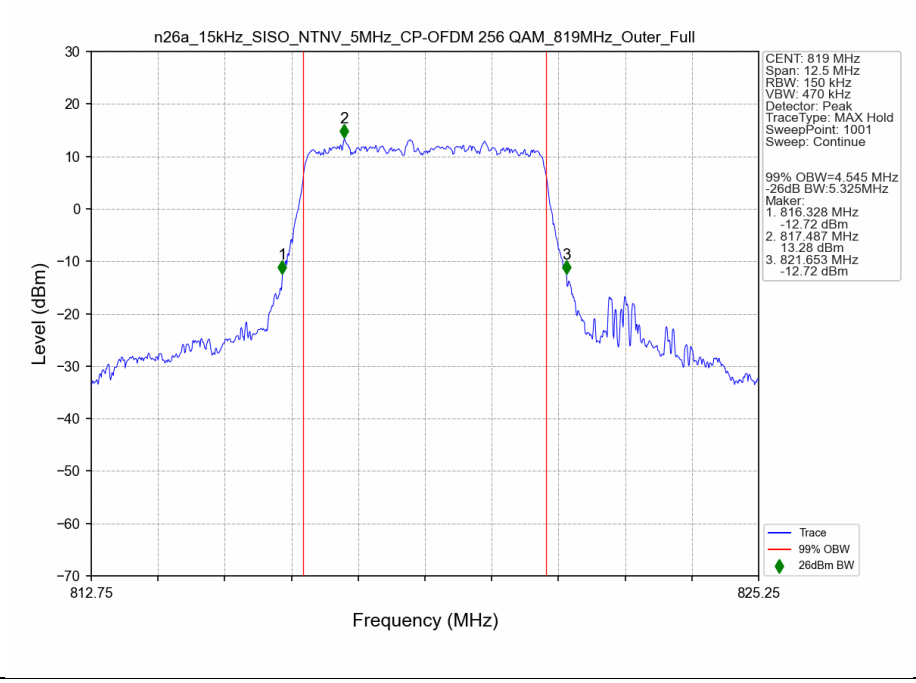
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_819MHz_Outer_Full_Ant0

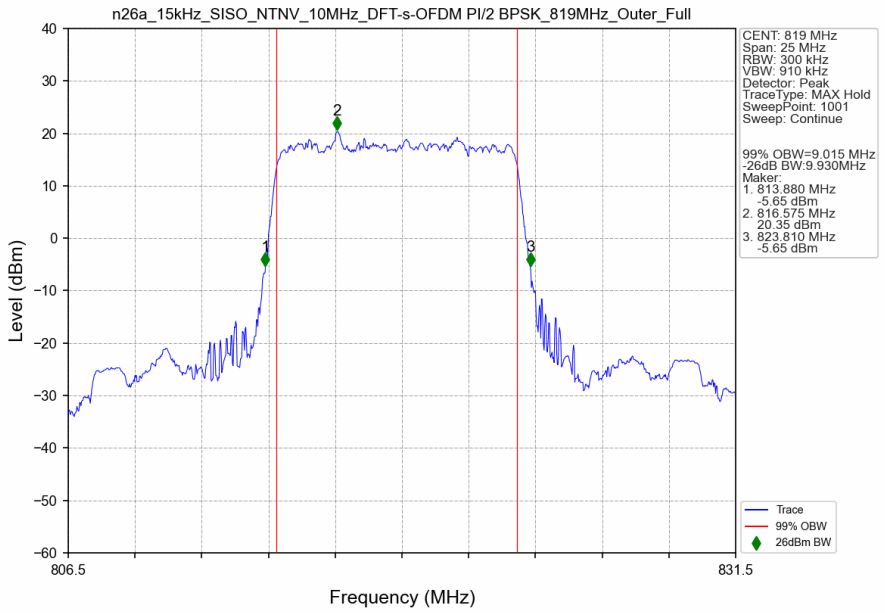


n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_819MHz_Outer_Full_Ant0

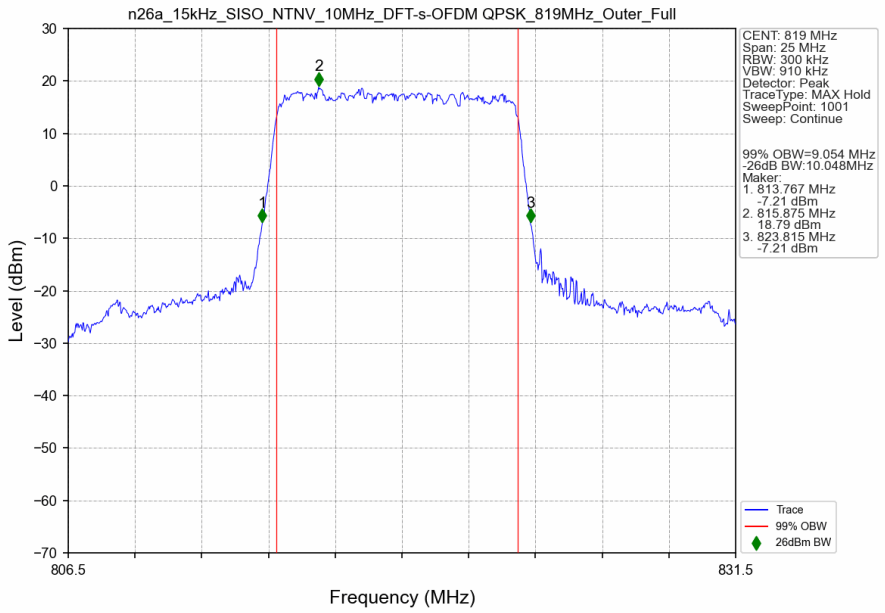


3.2.2 15k_SISO_10MHz_NTNV

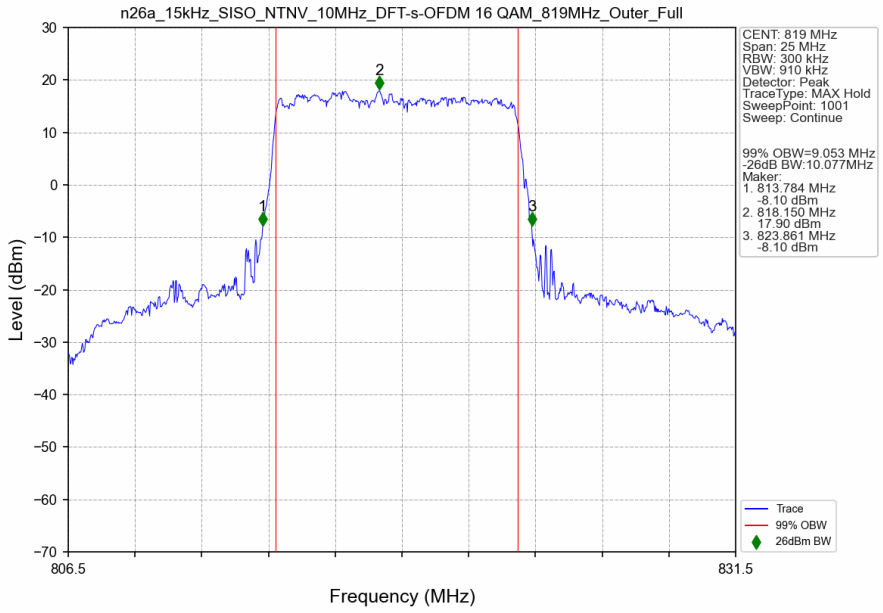
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Outer_Full_Ant0



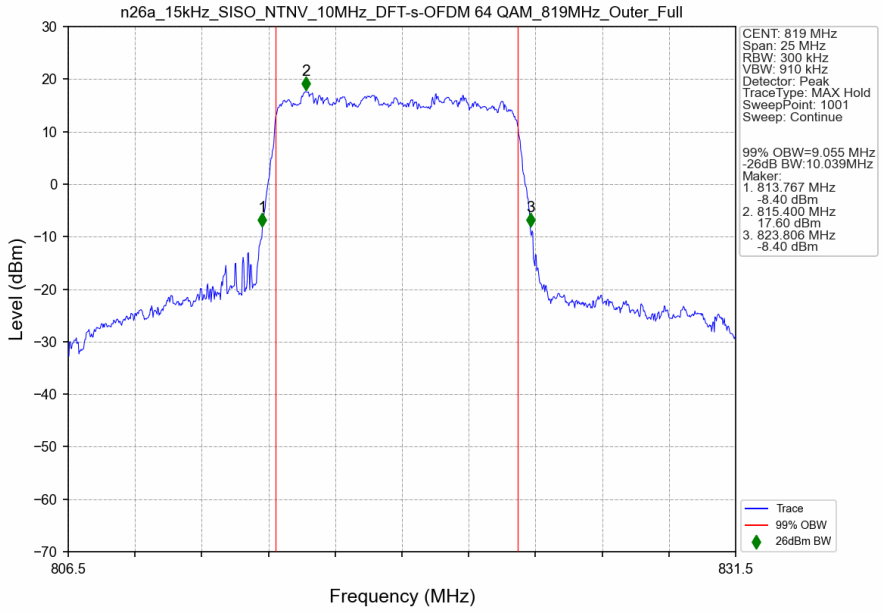
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



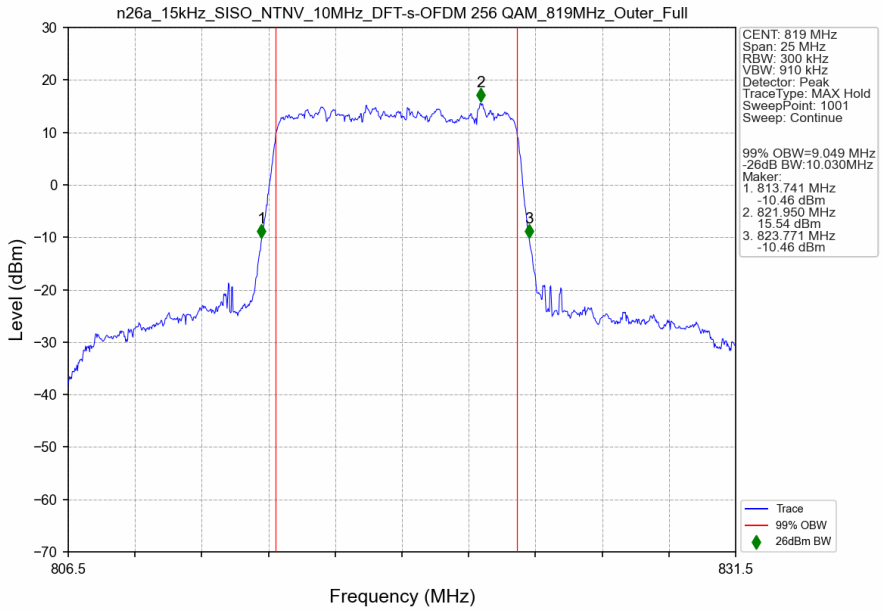
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant0



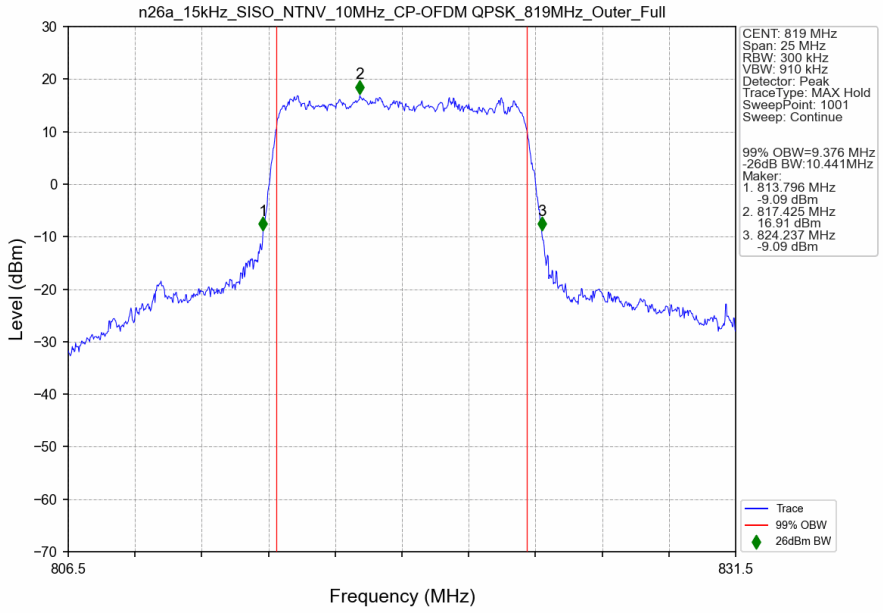
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant0



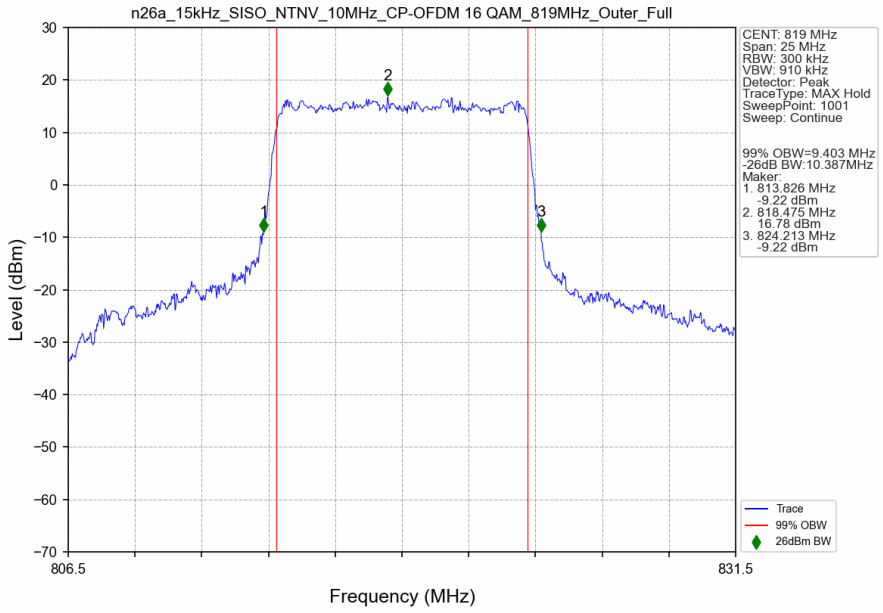
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_819MHz_Outer_Full_Ant0



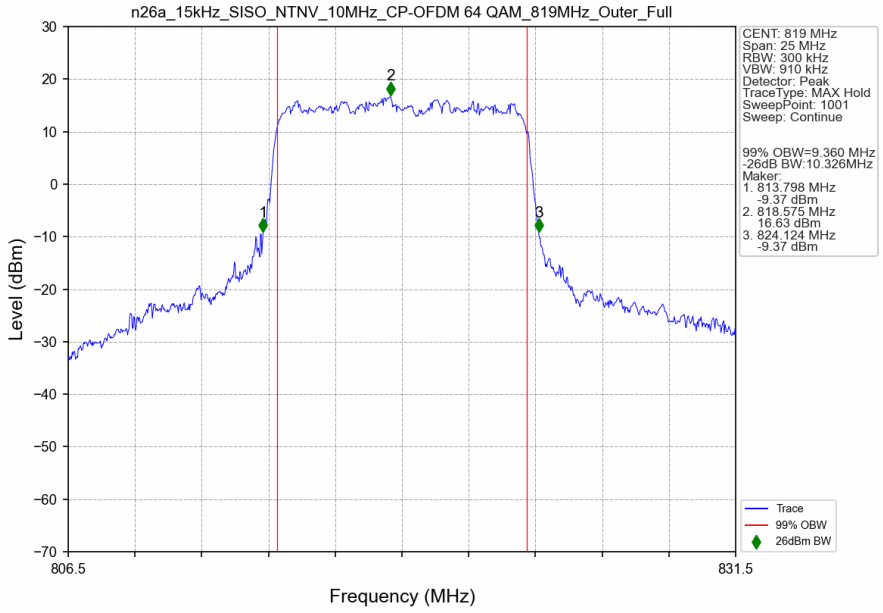
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



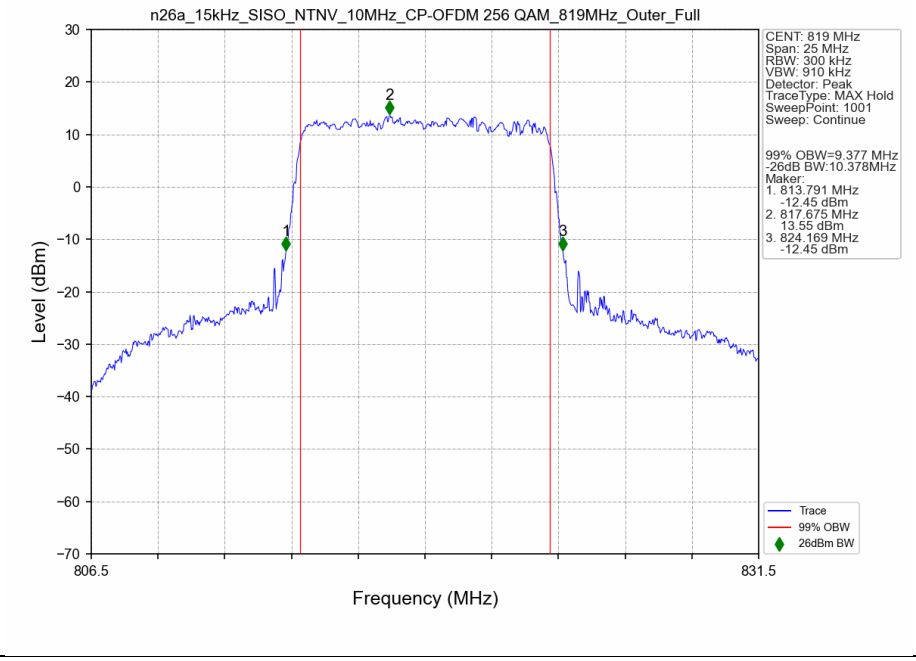
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_819MHz_Outer_Full_Ant0



4. Peak-Average Ratio

4.1 Test Result

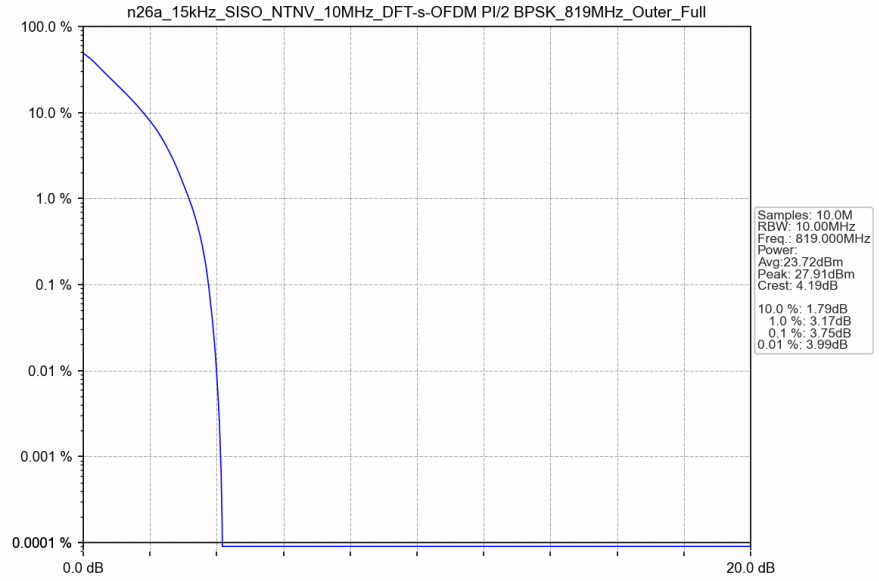
4.1.1 15k_SISO_10MHz_NTNV

5G NR n26a SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	3.75	/	/	<=13	Pass
DFT-s-OFDM QPSK	819	Outer_Full	4.92	/	/	<=13	Pass
CP-OFDM QPSK	819	Outer_Full	7.04	/	/	<=13	Pass

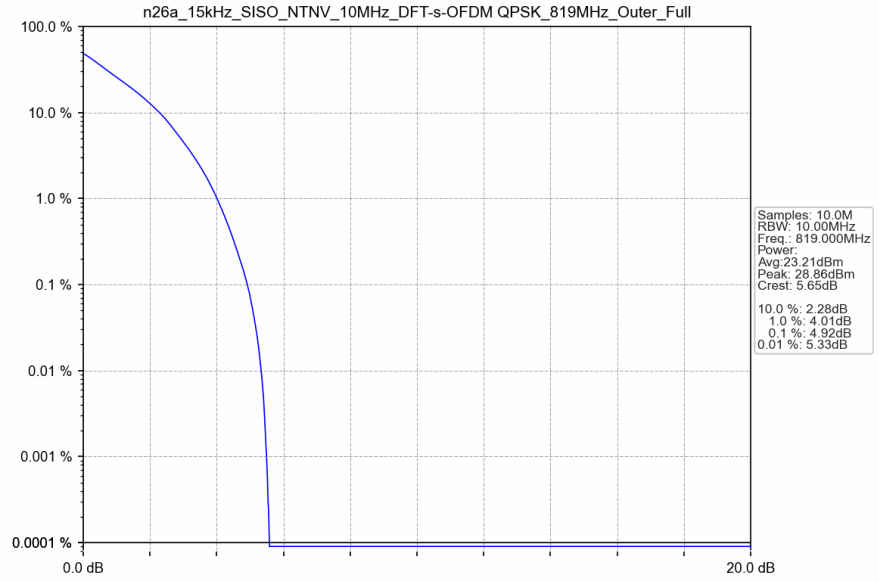
4.2 Test Graph

4.2.1 15k_SISO_10MHz_NTNV

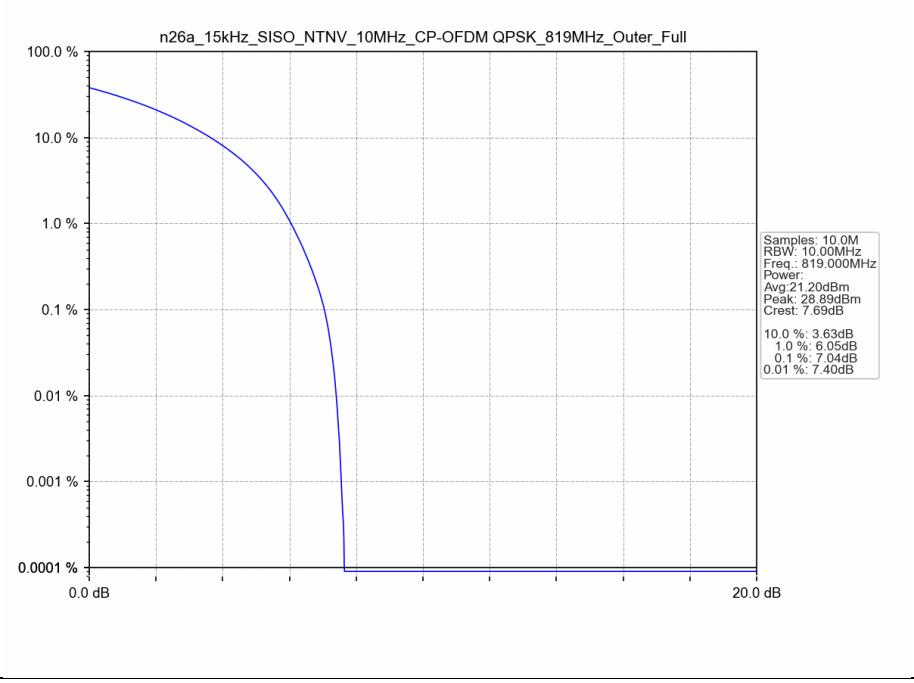
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n26a SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	819	Edge_1RB_Left	Refer To Test Graph				Pass
	821.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	819	Edge_1RB_Left	Refer To Test Graph				Pass
	821.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	816.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	819	Edge_1RB_Left	Refer To Test Graph				Pass
	821.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

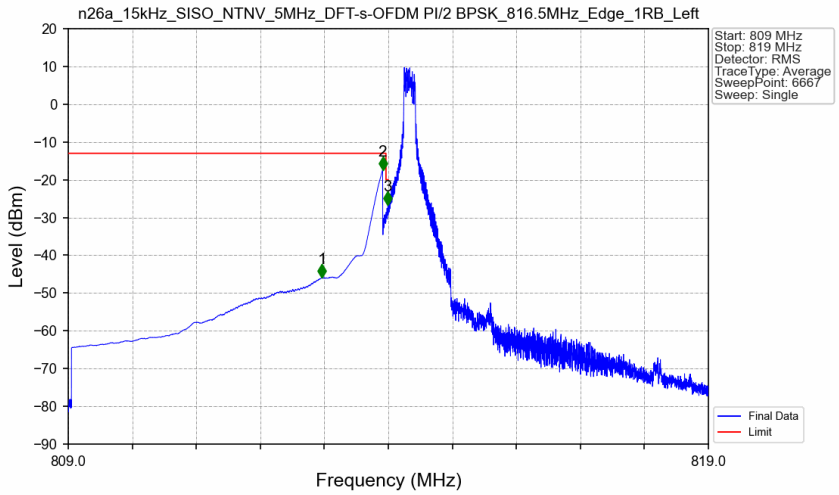
5.1.2 15k_SISO_10MHz_NTNV

5G NR n26a SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

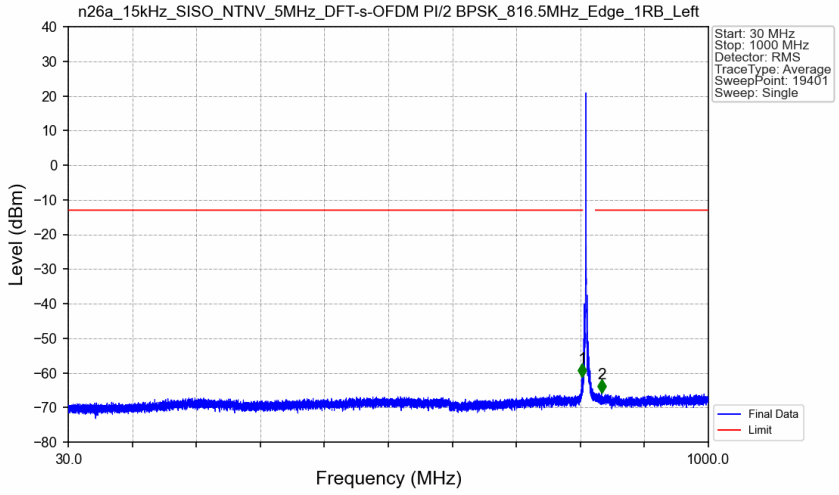
5.2.1 15k_SISO_5MHz_NTNV

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_816.5MHz_Edge_1RB_Left_Ant0



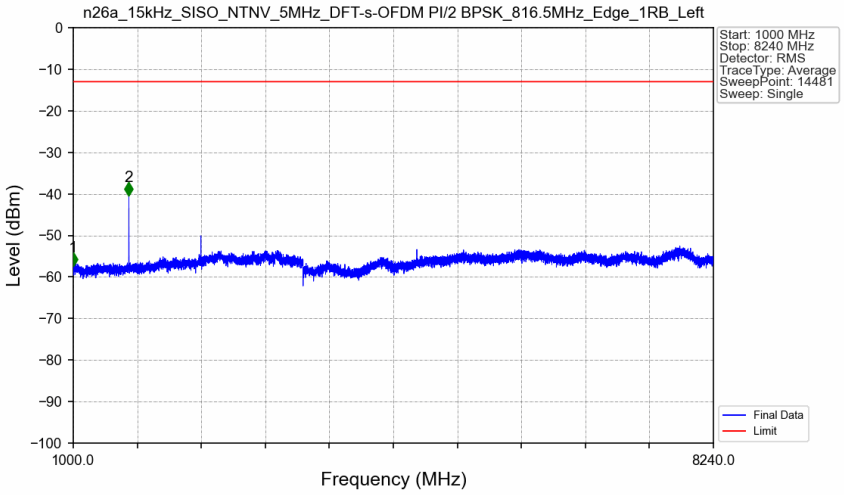
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.962	-45.91	-13	Pass
813	813.963	0.1	CHP	2	813.911	-17.36	-13	Pass
813.963	814	0.003	/	3	813.992	-26.58	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_816.5MHz_Edge_1RB_Left_Ant0



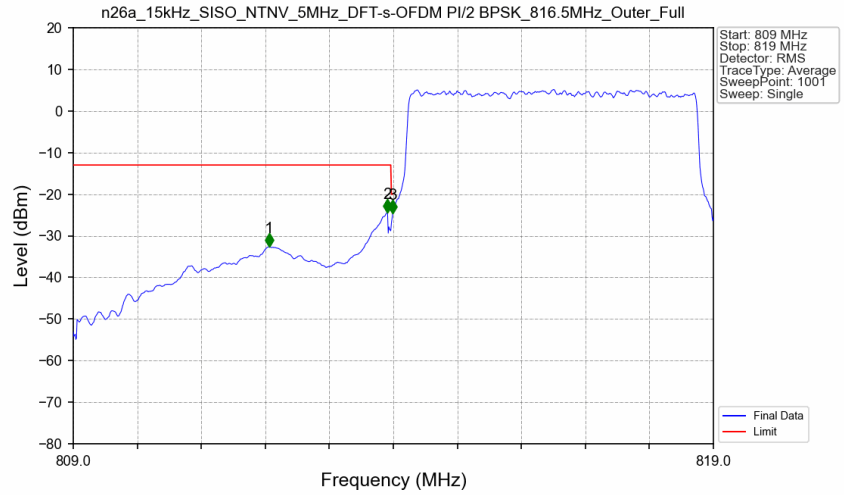
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	808.650	-61.17	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	838.100	-65.74	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_816.5MHz_Edge_1RB_Left_Ant0



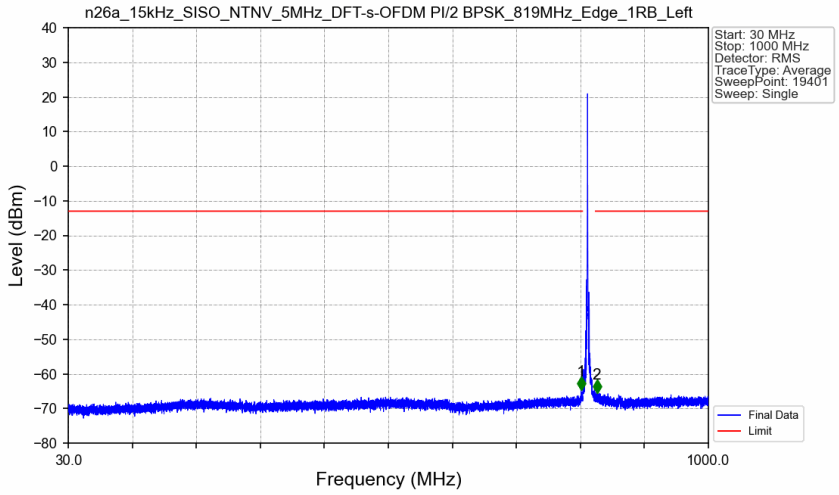
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.38	-13	Pass
1000	8240	1	/	2	1629.000	-40.39	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_816.5MHz_Outer_Full_Ant0



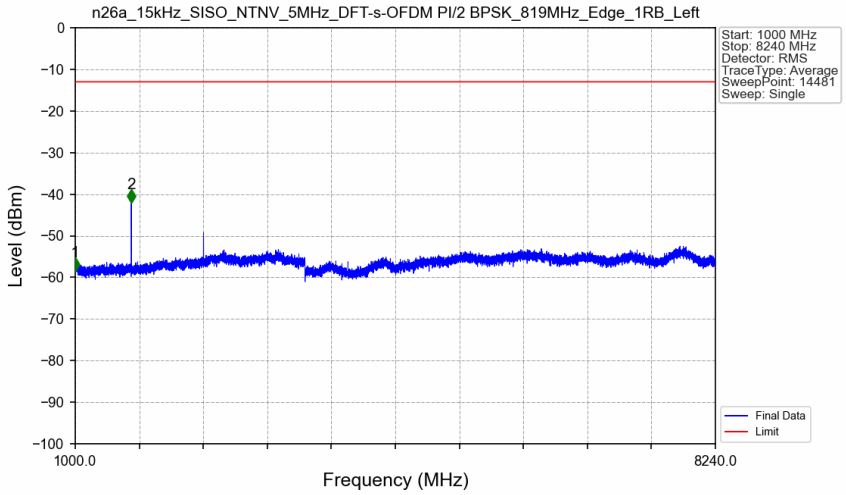
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.060	-32.67	-13	Pass
813	813.963	0.1	CHP	2	813.910	-24.36	-13	Pass
813.963	814	0.05264	CHP	3	813.990	-24.57	-20	Pass
814	819	0.05264	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left_Ant0



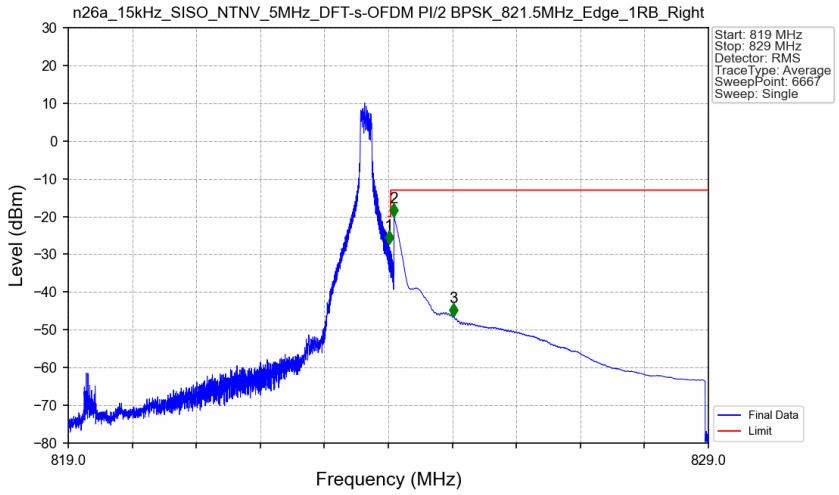
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	806.850	-64.68	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	830.950	-65.61	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left_Ant0



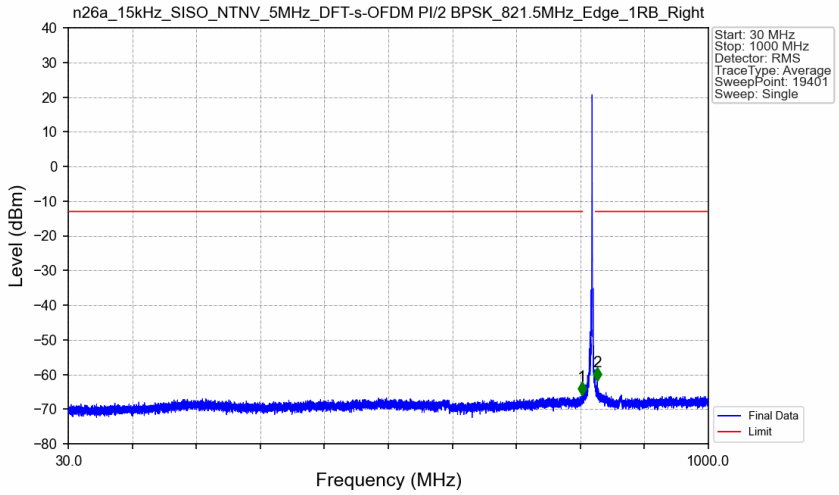
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.34	-13	Pass
1000	8240	1	/	2	1634.000	-41.94	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_821.5MHz_Edge_1RB_Right_Ant0



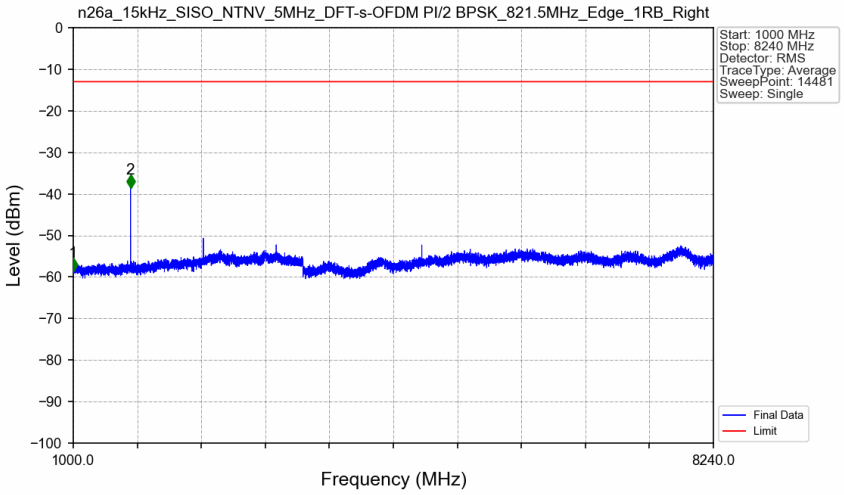
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.006	-27.17	-20	Pass
824.038	825	0.1	CHP	2	824.089	-19.97	-13	Pass
825	829	0.1	CHP	3	825.017	-46.44	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_821.5MHz_Edge_1RB_Right_Ant0



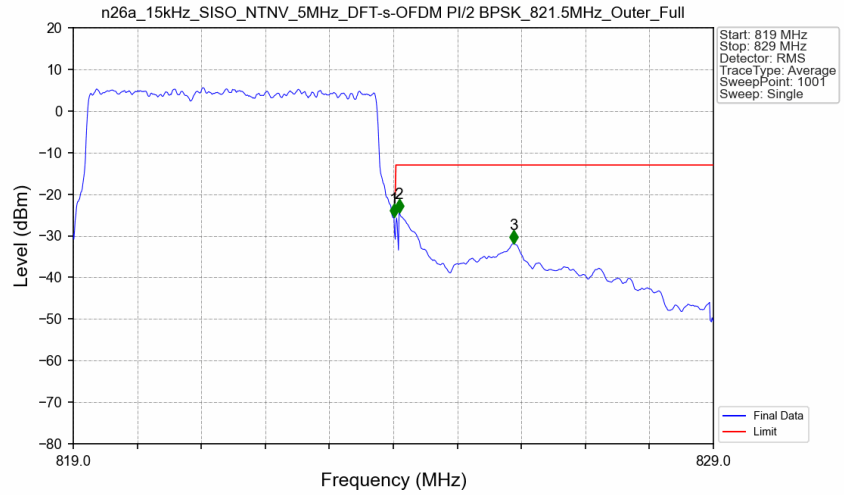
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.300	-65.96	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	831.600	-61.82	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_821.5MHz_Edge_1RB_Right_Ant0



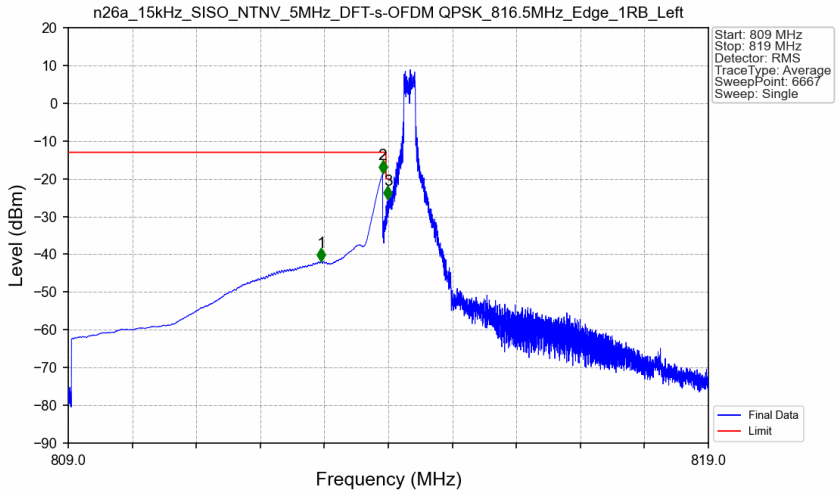
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.53	-13	Pass
1000	8240	1	/	2	1647.500	-38.49	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_821.5MHz_Outer_Full_Ant0



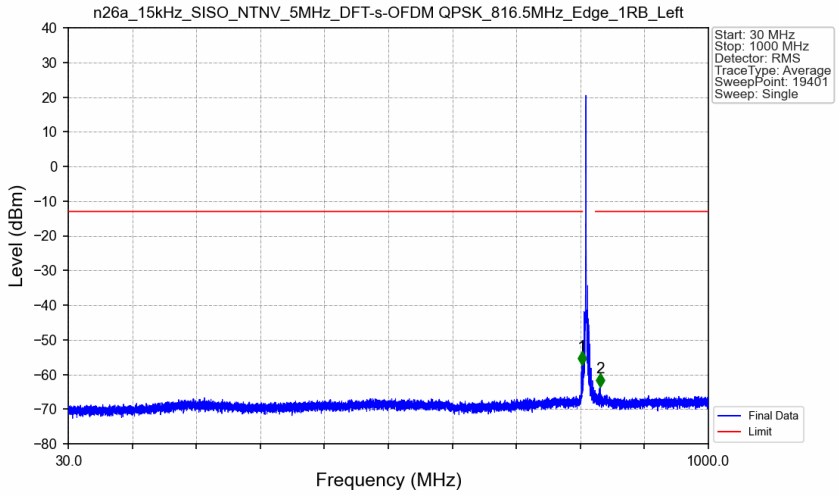
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05453	CHP	/	/	/	/	/
824	824.038	0.05453	CHP	1	824.010	-25.55	-20	Pass
824.038	825	0.1	CHP	2	824.090	-24.36	-13	Pass
825	829	0.1	CHP	3	825.880	-31.85	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Edge_1RB_Left_Ant0



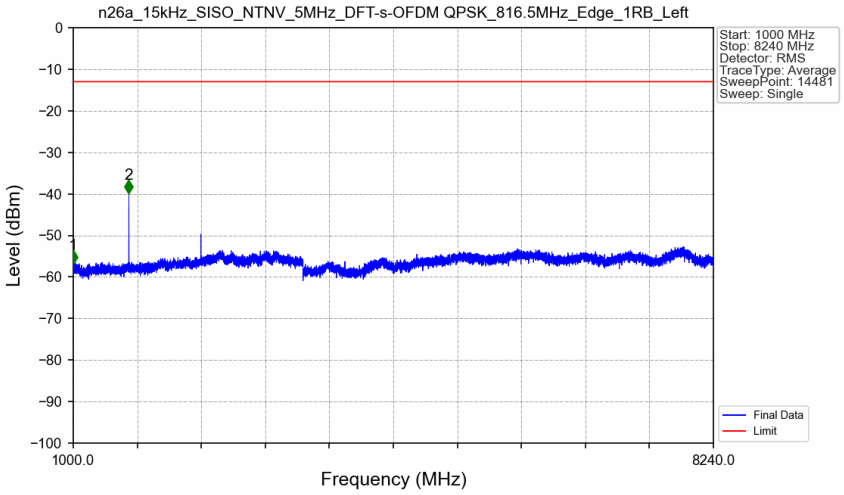
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.951	-41.91	-13	Pass
813	813.963	0.1	CHP	2	813.911	-18.67	-13	Pass
813.963	814	0.003	/	3	813.994	-25.45	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Edge_1RB_Left_Ant0



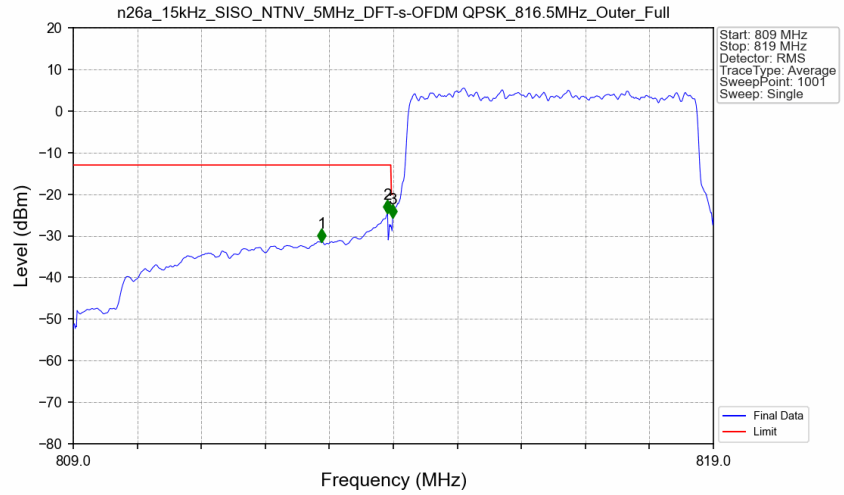
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	808.450	-57.24	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	835.950	-63.63	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Edge_1RB_Left_Ant0



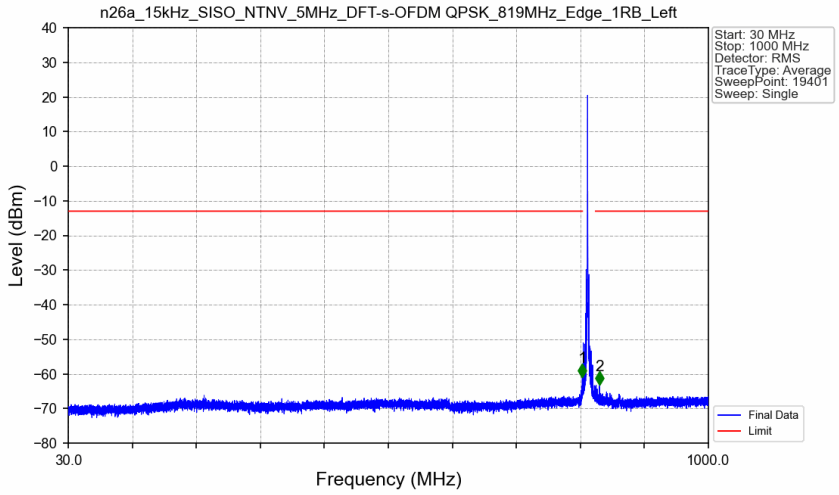
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-56.83	-13	Pass
1000	8240	1	/	2	1629.000	-39.89	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_816.5MHz_Outer_Full_Ant0



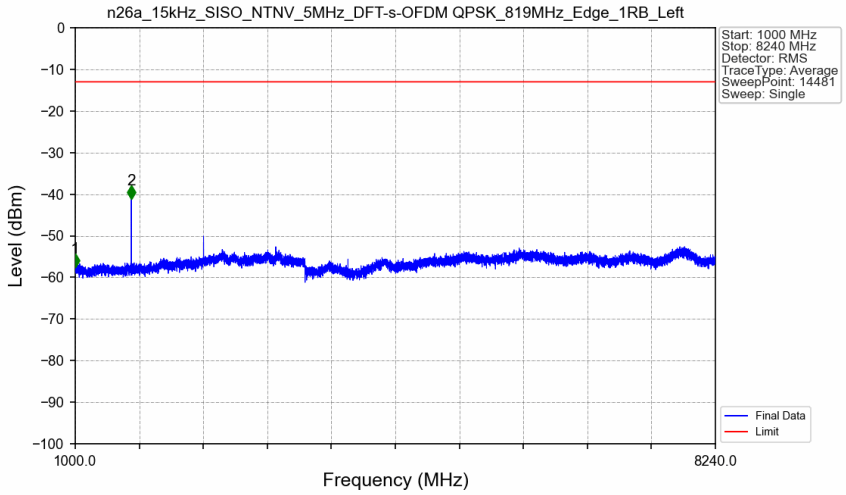
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.880	-31.43	-13	Pass
813	813.963	0.1	CHP	2	813.910	-24.53	-13	Pass
813.963	814	0.05264	CHP	3	813.990	-25.60	-20	Pass
814	819	0.05264	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



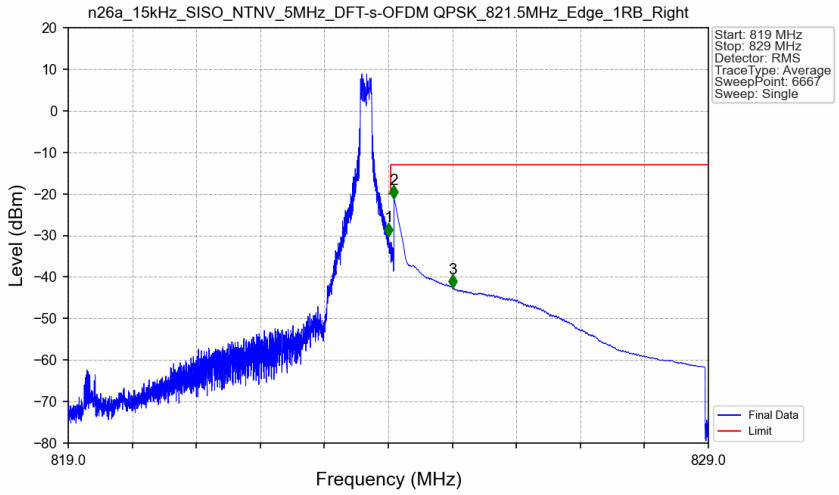
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.850	-60.81	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	835.100	-63.15	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



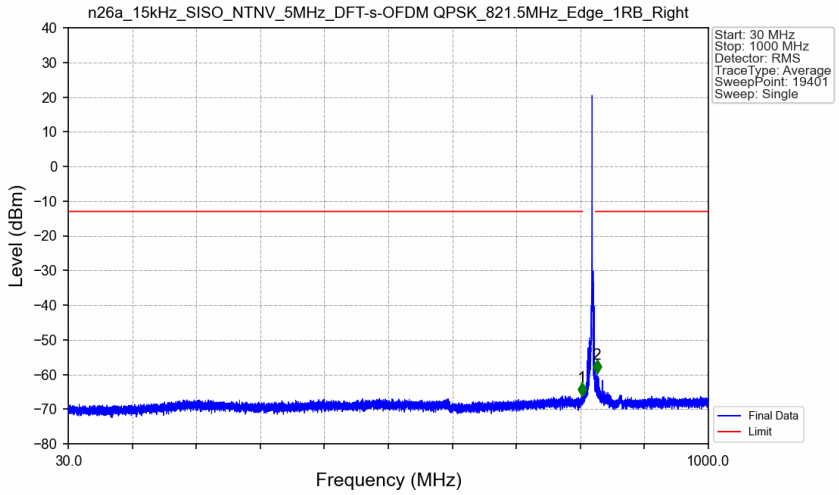
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.51	-13	Pass
1000	8240	1	/	2	1634.000	-41.09	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Edge_1RB_Right_Ant0



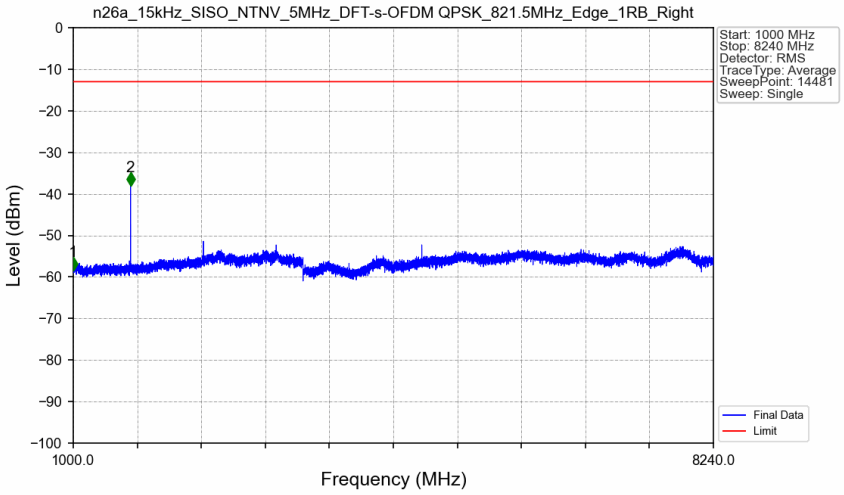
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.005	-30.12	-20	Pass
824.038	825	0.1	CHP	2	824.089	-21.05	-13	Pass
825	829	0.1	CHP	3	825.001	-42.66	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Edge_1RB_Right_Ant0



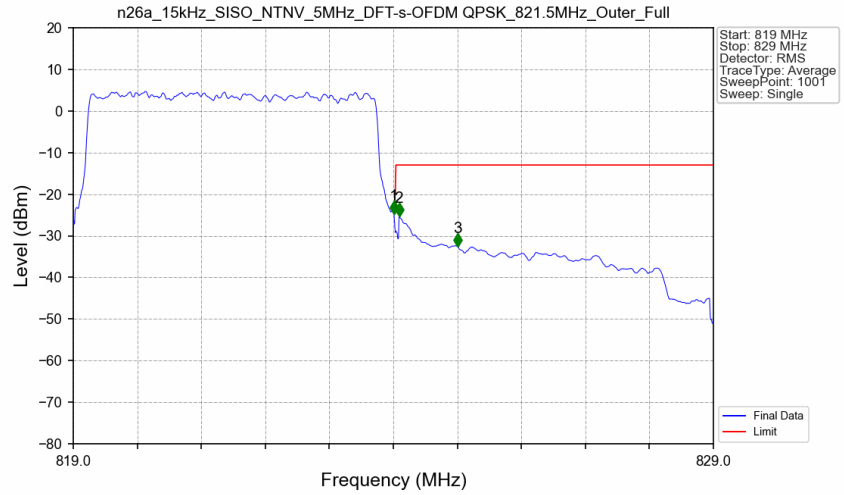
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.350	-66.12	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	831.050	-59.70	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Edge_1RB_Right_Ant0



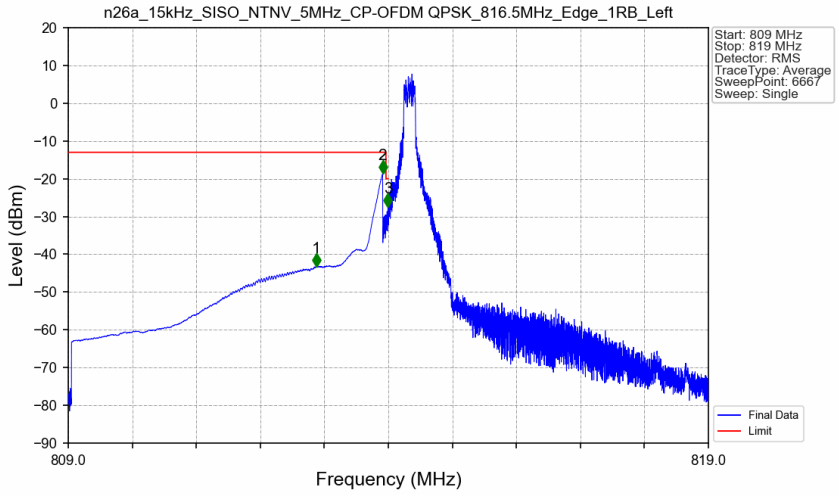
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.40	-13	Pass
1000	8240	1	/	2	1647.500	-37.95	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_821.5MHz_Outer_Full_Ant0



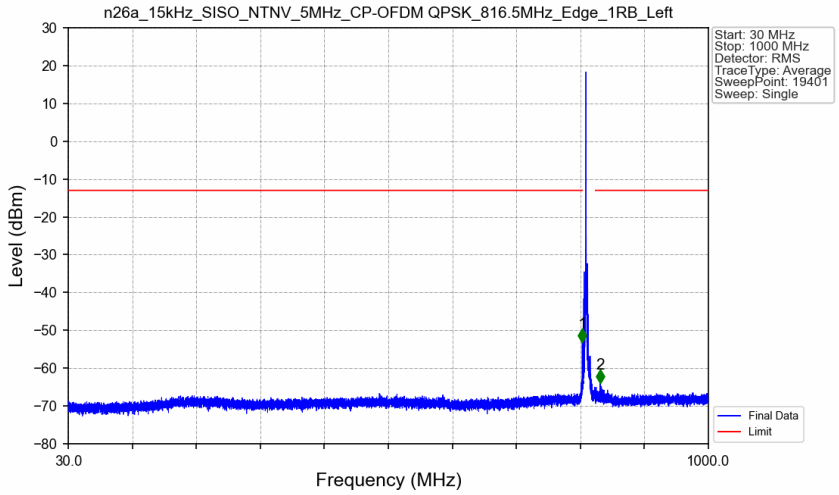
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05223	CHP	/	/	/	/	/
824	824.038	0.05223	CHP	1	824.010	-24.73	-20	Pass
824.038	825	0.1	CHP	2	824.090	-25.31	-13	Pass
825	829	0.1	CHP	3	825.010	-32.57	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Edge_1RB_Left_Ant0



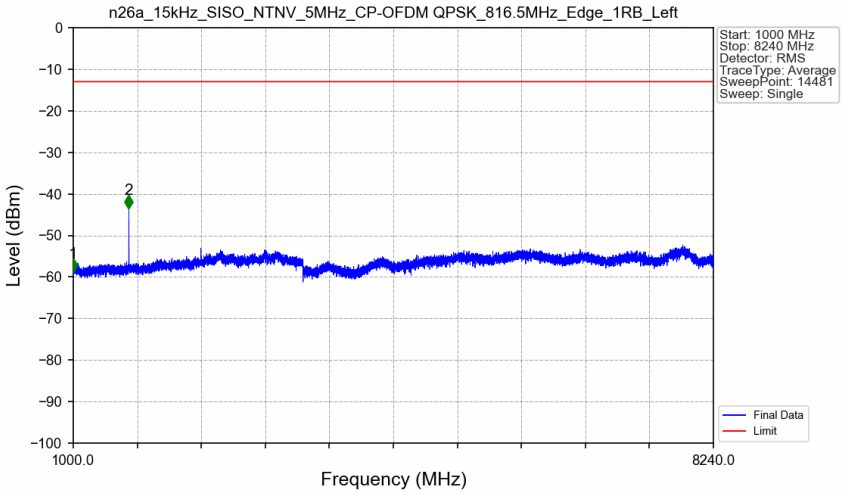
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.875	-43.16	-13	Pass
813	813.963	0.1	CHP	2	813.911	-18.64	-13	Pass
813.963	814	0.003	/	3	813.994	-27.36	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Edge_1RB_Left_Ant0



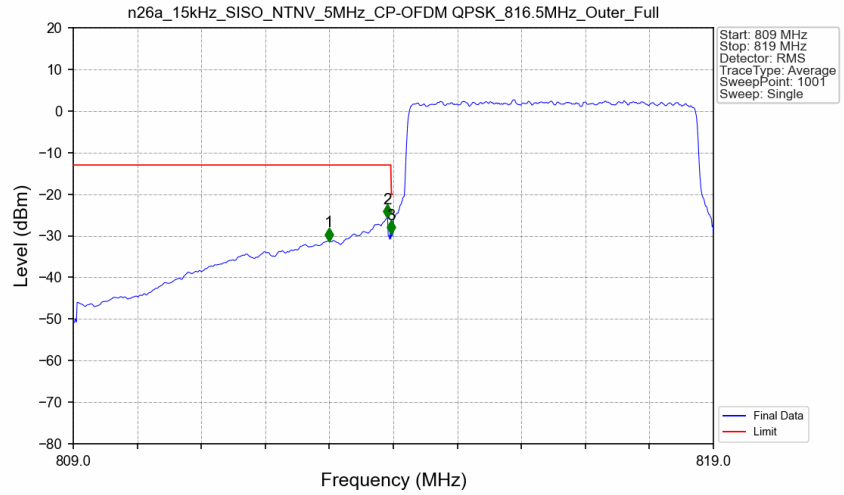
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	808.800	-53.01	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	836.000	-63.97	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Edge_1RB_Left_Ant0



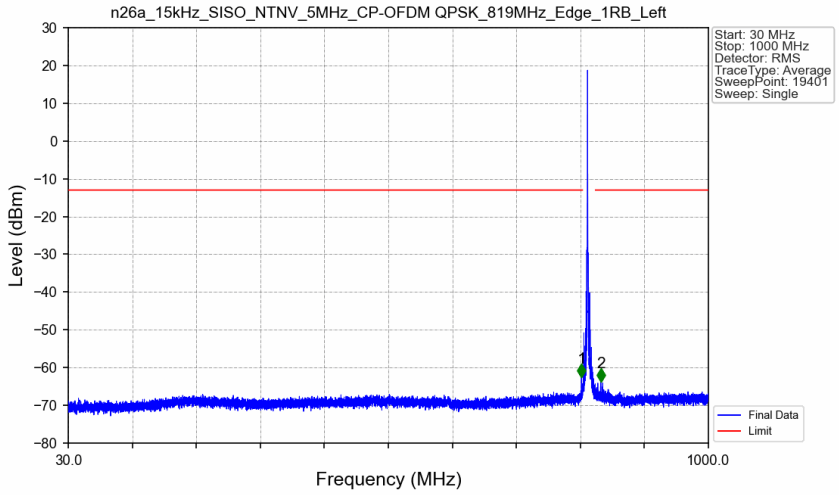
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.86	-13	Pass
1000	8240	1	/	2	1629.000	-43.44	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_816.5MHz_Outer_Full_Ant0



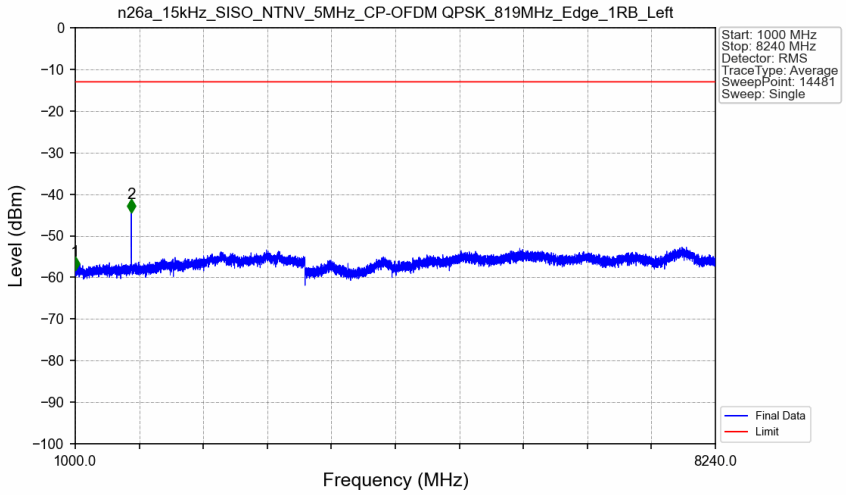
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.990	-31.22	-13	Pass
813	813.963	0.1	CHP	2	813.910	-25.62	-13	Pass
813.963	814	0.05502	CHP	3	813.970	-29.47	-20	Pass
814	819	0.05502	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



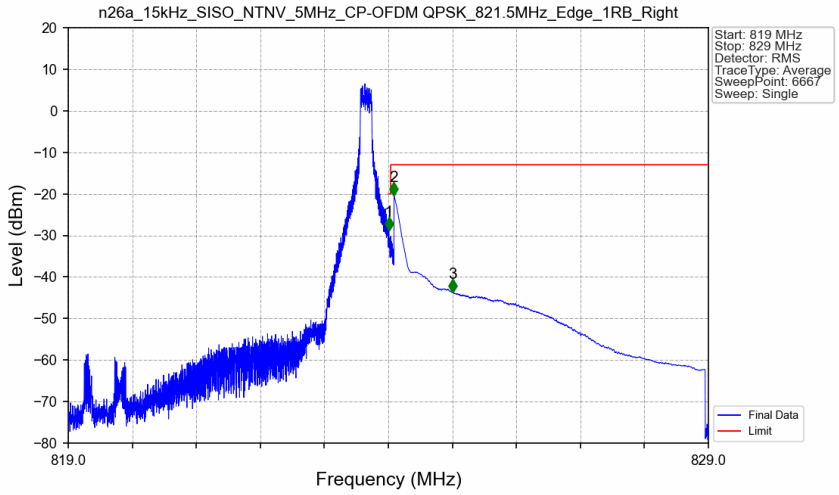
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	807.600	-62.52	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	837.000	-63.77	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



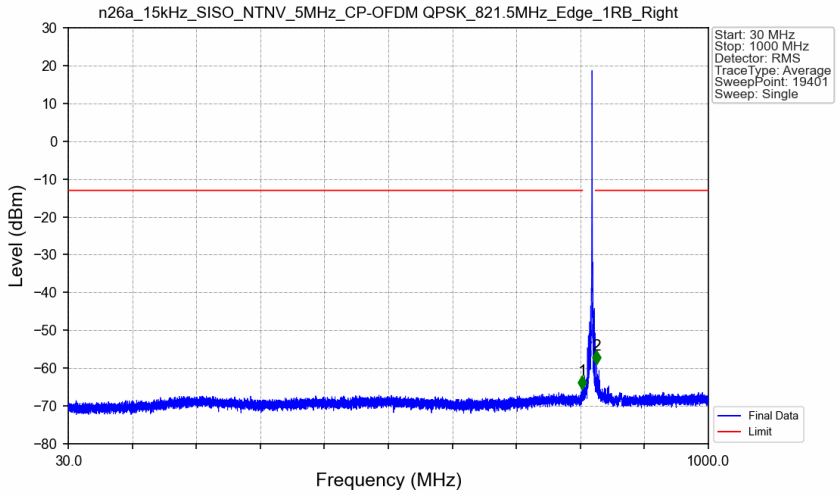
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.18	-13	Pass
1000	8240	1	/	2	1634.000	-44.36	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right_Ant0



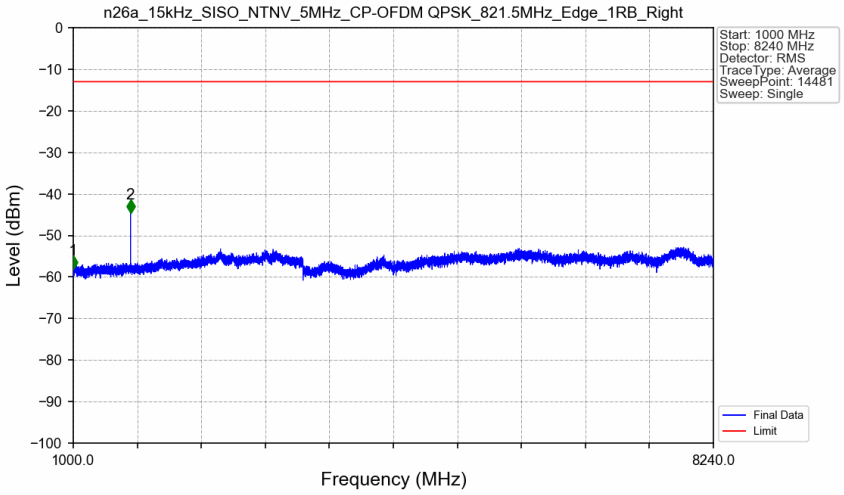
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.009	-28.73	-20	Pass
824.038	825	0.1	CHP	2	824.089	-20.31	-13	Pass
825	829	0.1	CHP	3	825.002	-43.62	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right_Ant0



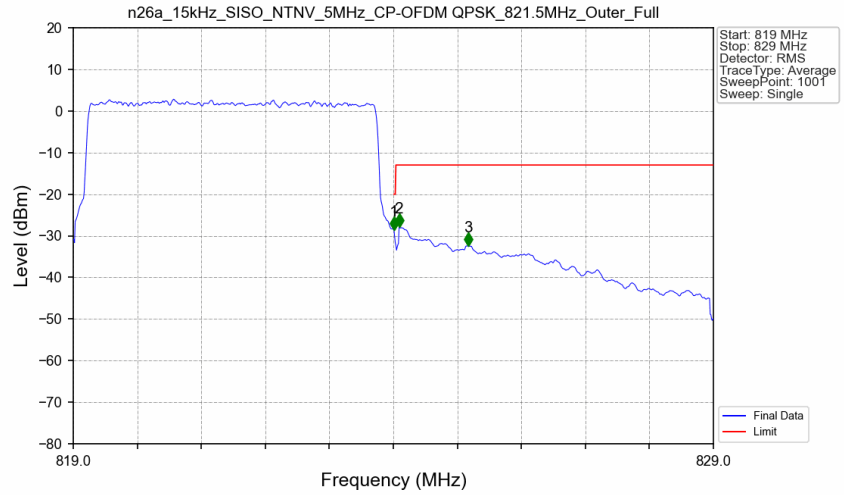
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	808.800	-65.51	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	830.750	-58.99	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Edge_1RB_Right_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.05	-13	Pass
1000	8240	1	/	2	1647.500	-44.64	-13	Pass

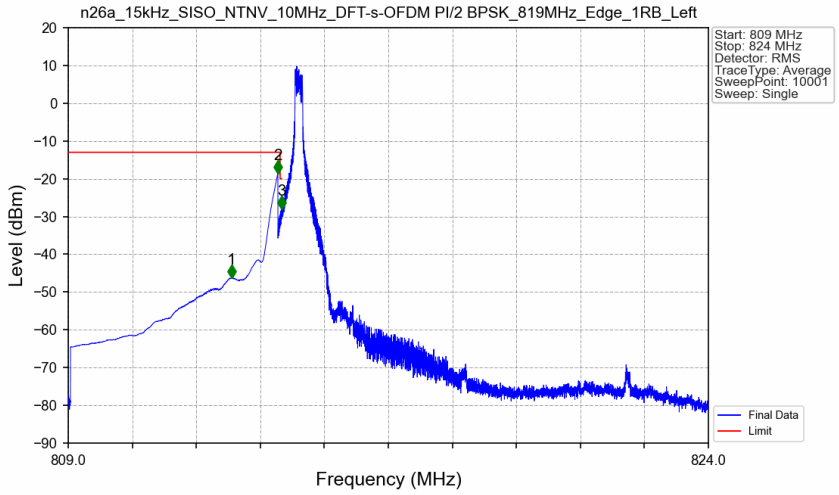
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_821.5MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05407	CHP	/	/	/	/	/
824	824.038	0.05407	CHP	1	824.010	-28.56	-20	Pass
824.038	825	0.1	CHP	2	824.090	-27.93	-13	Pass
825	829	0.1	CHP	3	825.170	-32.40	-13	Pass

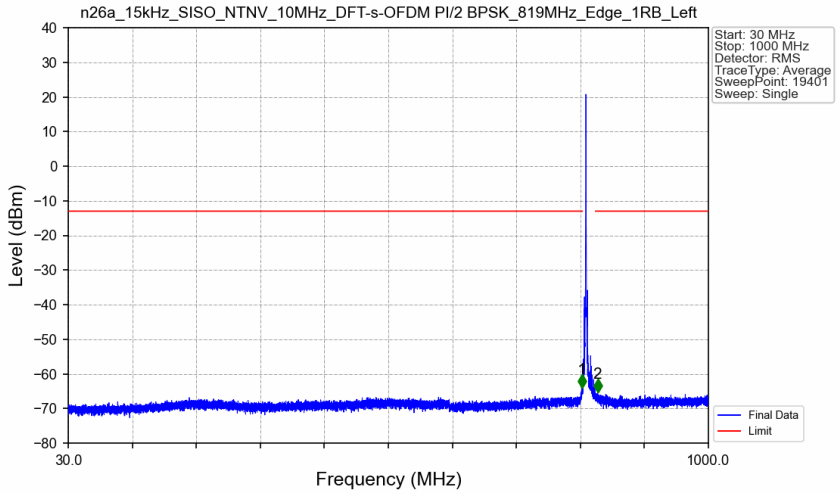
5.2.2 15k_SISO_10MHz_NTNV

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left_Ant0



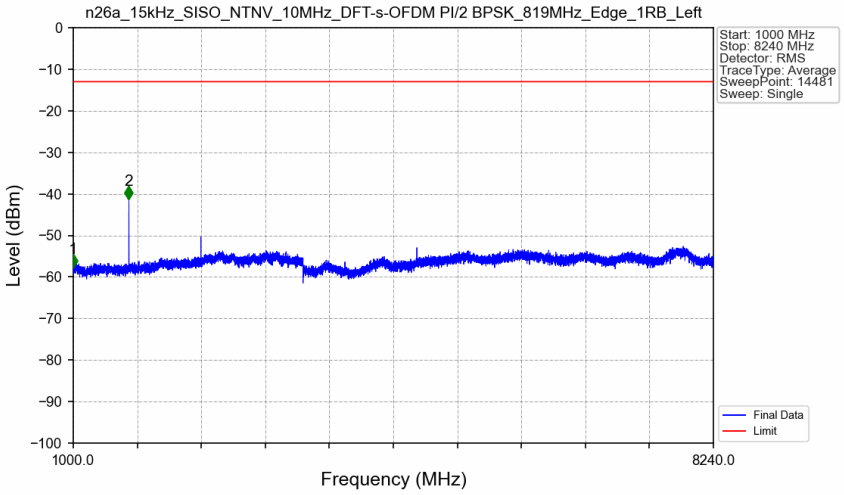
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.825	-46.18	-13	Pass
813	813.963	0.1	CHP	2	813.911	-18.65	-13	Pass
813.963	814	0.003	/	3	813.994	-27.98	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left_Ant0



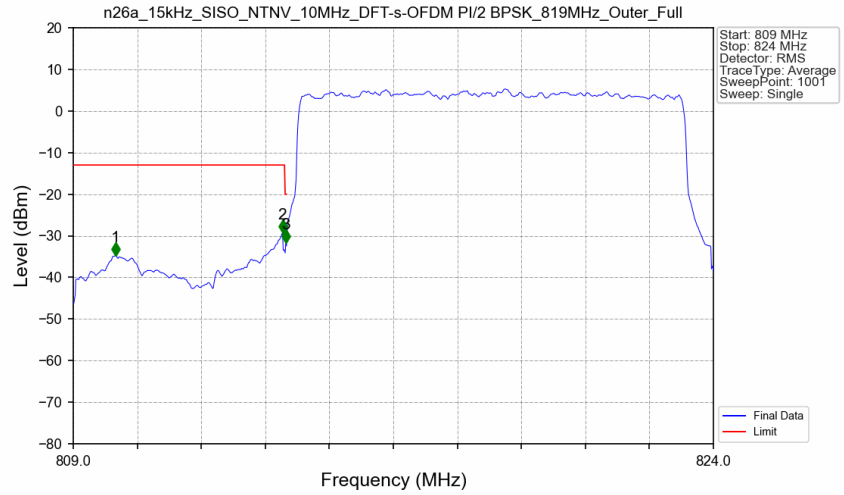
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	808.450	-63.96	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	832.050	-65.30	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Edge_1RB_Left_Ant0



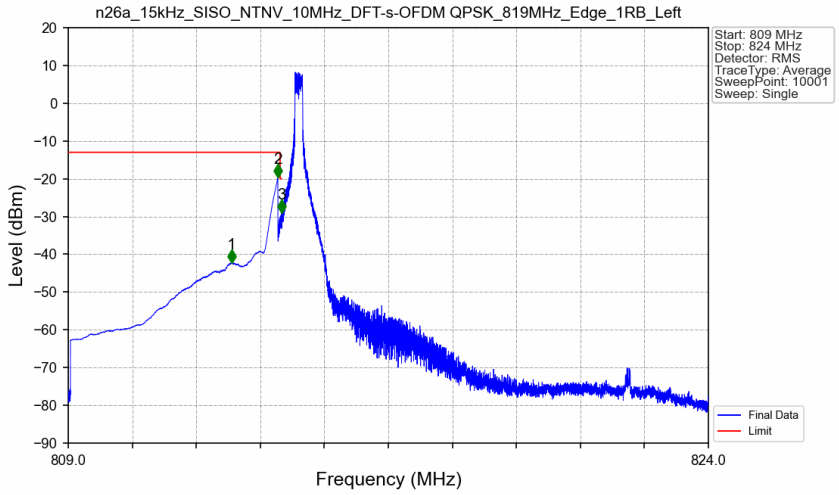
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.73	-13	Pass
1000	8240	1	/	2	1629.000	-41.21	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_819MHz_Outer_Full_Ant0



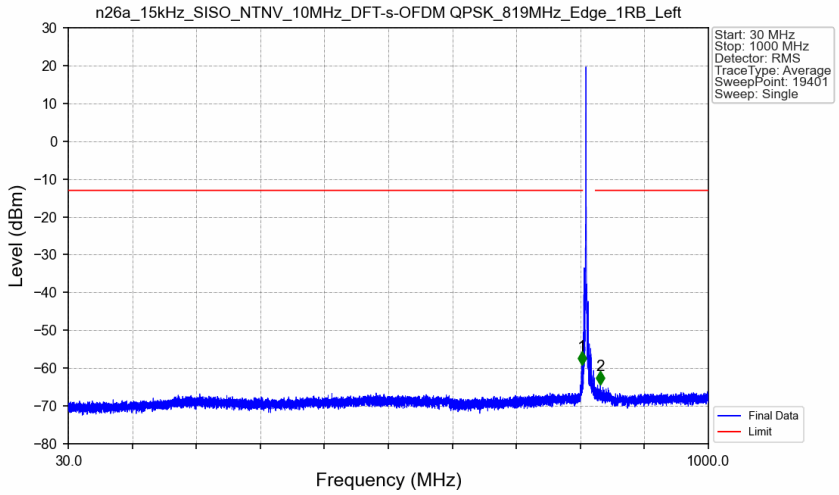
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	809.990	-34.76	-13	Pass
813	813.963	0.1	CHP	2	813.905	-29.38	-13	Pass
813.963	814	0.0993	CHP	3	813.980	-31.63	-20	Pass
814	824	0.0993	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



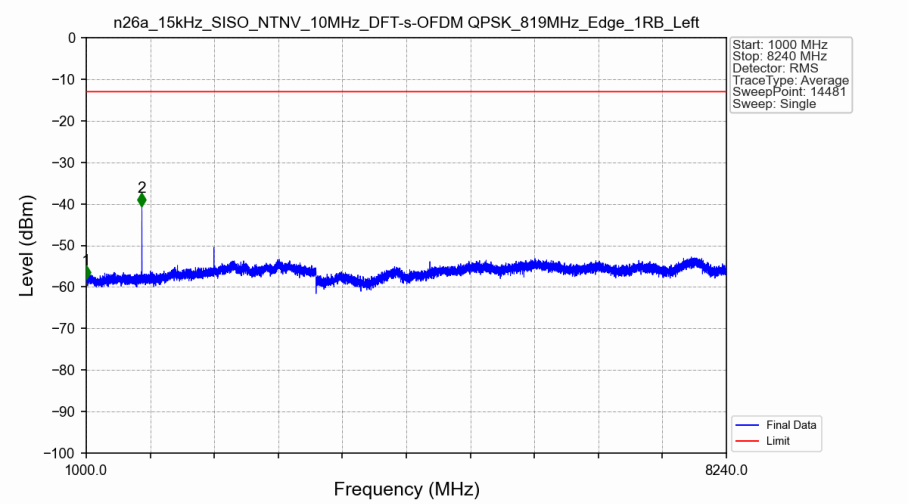
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.823	-42.23	-13	Pass
813	813.963	0.1	CHP	2	813.911	-19.68	-13	Pass
813.963	814	0.003	/	3	813.995	-28.95	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



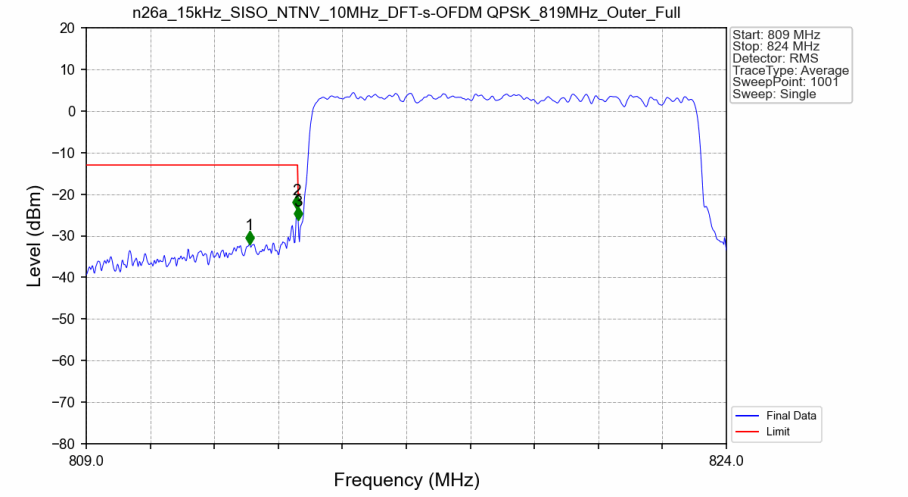
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	807.950	-59.11	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	836.300	-64.28	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



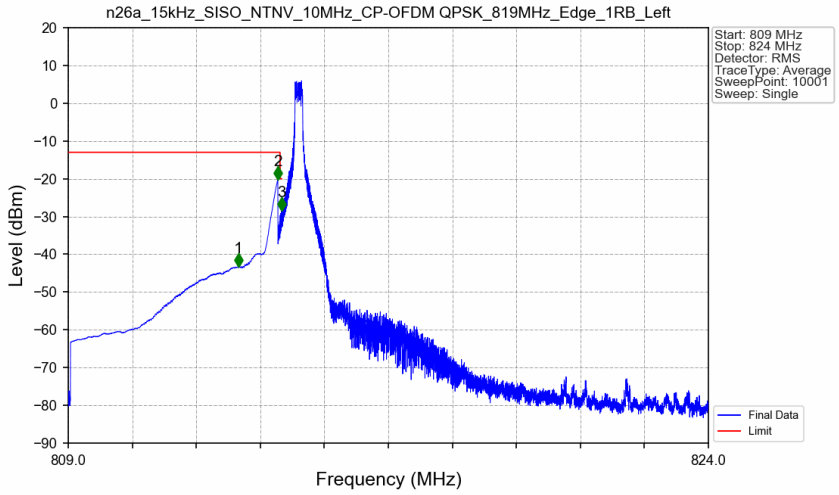
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.13	-13	Pass
1000	8240	1	/	2	1629.000	-40.62	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant0



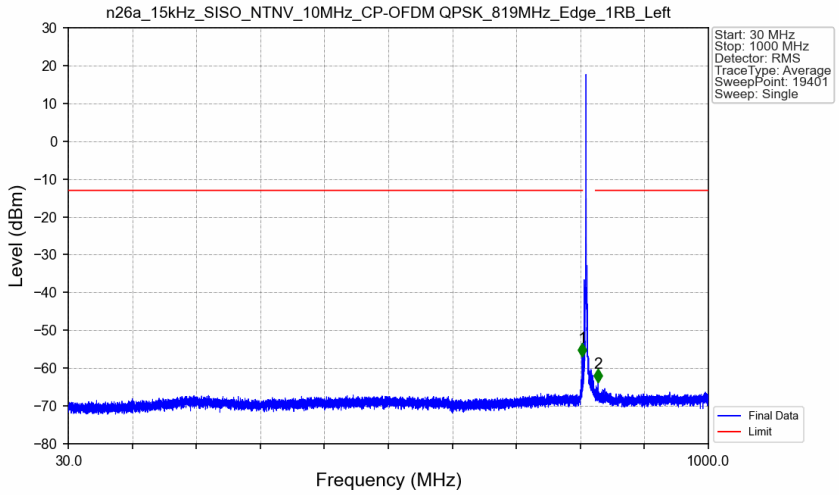
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	/	1	812.825	-31.95	-13	Pass
813	813.963	0.1	/	2	813.935	-23.44	-13	Pass
813.963	814	0.10048	/	3	813.965	-26.29	-20	Pass
814	824	0.10048	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



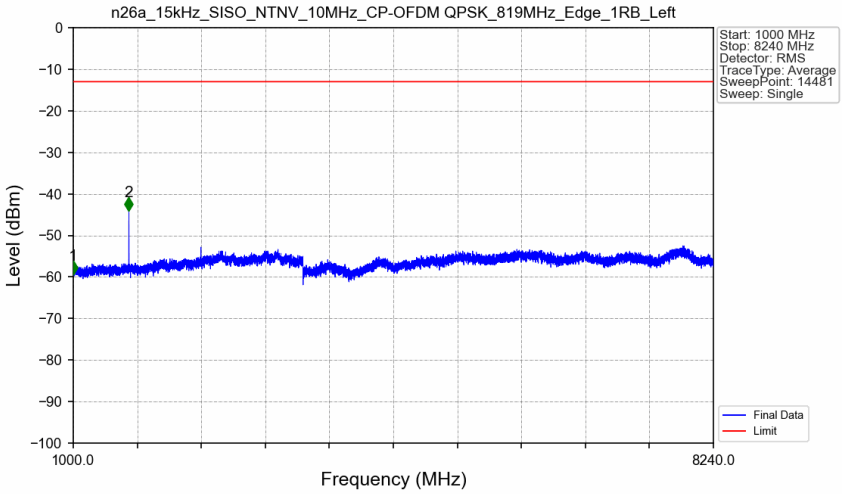
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.987	-43.32	-13	Pass
813	813.963	0.1	CHP	2	813.911	-20.18	-13	Pass
813.963	814	0.003	/	3	813.995	-28.44	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



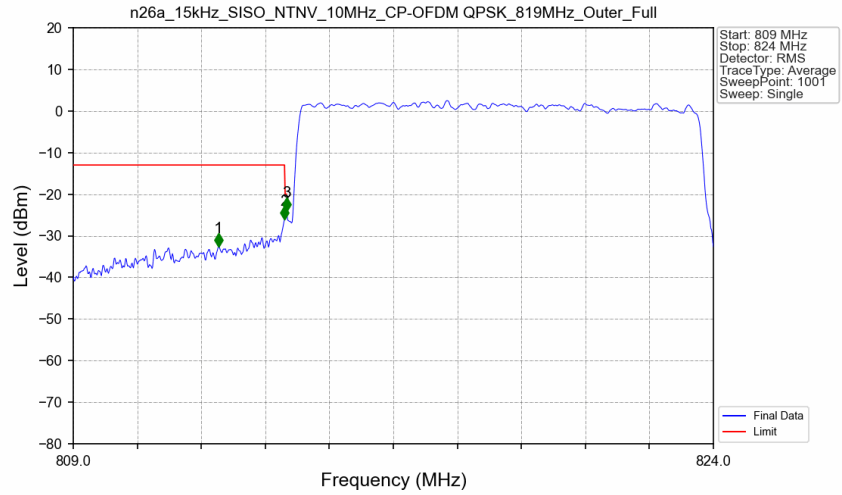
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	808.650	-56.89	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	832.800	-63.69	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-59.32	-13	Pass
1000	8240	1	/	2	1629.000	-44.01	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_819MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	/	1	812.405	-32.52	-13	Pass
813	813.963	0.1	/	2	813.950	-26.05	-13	Pass
813.963	814	0.10441	/	3	813.995	-24.06	-20	Pass
814	824	0.10441	CHP	/	/	/	/	/

6. Field Strength of Spurious Radiation

NR N26a(814-824MHz) ANT0-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 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**
1358.0	-68.87	-13	-55.87	-71.42	2.43	4.98	Horizontal	Pass
2037.0	-66.87	-13	-53.87	-68.83	2.75	4.71	Horizontal	Pass
2716.0	-67.08	-13	-54.08	-70.27	3.11	6.3	Horizontal	Pass
1629.0	-71.27	-13	-58.27	-74.2	2.62	5.55	Vertical	Pass
2443.5	-69.06	-13	-56.06	-71.7	3.04	5.68	Vertical	Pass
3258.0	-66.54	-13	-53.54	-70.82	3.28	7.56	Vertical	Pass