

1. Transmitter Conducted Power Output

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n26a SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	22.86	/	/	20.21	/	/	<=50	Pass
		Edge_1RB_Right	22.89	/	/	20.24	/	/	<=50	Pass
		Outer_Full	22.95	/	/	20.30	/	/	<=50	Pass
		Inner_Full	23.46	/	/	20.81	/	/	<=50	Pass
		Inner_1RB_Left	23.38	/	/	20.73	/	/	<=50	Pass
		Inner_1RB_Right	23.43	/	/	20.78	/	/	<=50	Pass
	819	Edge_1RB_Left	22.82	/	/	20.17	/	/	<=50	Pass
		Edge_1RB_Right	22.84	/	/	20.19	/	/	<=50	Pass
		Outer_Full	22.84	/	/	20.19	/	/	<=50	Pass
		Inner_Full	23.54	/	/	20.89	/	/	<=50	Pass
		Inner_1RB_Left	23.38	/	/	20.73	/	/	<=50	Pass
		Inner_1RB_Right	23.31	/	/	20.66	/	/	<=50	Pass
	821.5	Edge_1RB_Left	22.79	/	/	20.14	/	/	<=50	Pass
		Edge_1RB_Right	22.82	/	/	20.17	/	/	<=50	Pass
		Outer_Full	22.88	/	/	20.23	/	/	<=50	Pass
		Inner_Full	23.50	/	/	20.85	/	/	<=50	Pass
		Inner_1RB_Left	23.35	/	/	20.70	/	/	<=50	Pass
		Inner_1RB_Right	23.32	/	/	20.67	/	/	<=50	Pass
DFT-s-OFDM QPSK	816.5	Edge_1RB_Left	22.47	/	/	19.82	/	/	<=50	Pass
		Edge_1RB_Right	22.48	/	/	19.83	/	/	<=50	Pass
		Outer_Full	22.49	/	/	19.84	/	/	<=50	Pass
		Inner_Full	23.40	/	/	20.75	/	/	<=50	Pass
		Inner_1RB_Left	23.39	/	/	20.74	/	/	<=50	Pass
		Inner_1RB_Right	23.37	/	/	20.72	/	/	<=50	Pass
	819	Edge_1RB_Left	22.39	/	/	19.74	/	/	<=50	Pass
		Edge_1RB_Right	22.27	/	/	19.62	/	/	<=50	Pass
		Outer_Full	22.34	/	/	19.69	/	/	<=50	Pass
		Inner_Full	23.42	/	/	20.77	/	/	<=50	Pass
		Inner_1RB_Left	23.36	/	/	20.71	/	/	<=50	Pass
		Inner_1RB_Right	23.41	/	/	20.76	/	/	<=50	Pass
	821.5	Edge_1RB_Left	22.34	/	/	19.69	/	/	<=50	Pass
		Edge_1RB_Right	22.27	/	/	19.62	/	/	<=50	Pass
		Outer_Full	22.36	/	/	19.71	/	/	<=50	Pass
		Inner_Full	23.48	/	/	20.83	/	/	<=50	Pass
		Inner_1RB_Left	23.38	/	/	20.73	/	/	<=50	Pass
		Inner_1RB_Right	23.34	/	/	20.69	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	816.5	Edge_1RB_Left	21.75	/	/	19.10	/	/	<=50	Pass
		Edge_1RB_Right	21.60	/	/	18.95	/	/	<=50	Pass
		Outer_Full	21.59	/	/	18.94	/	/	<=50	Pass
		Inner_Full	22.49	/	/	19.84	/	/	<=50	Pass
		Inner_1RB_Left	22.36	/	/	19.71	/	/	<=50	Pass
		Inner_1RB_Right	22.41	/	/	19.76	/	/	<=50	Pass
	819	Edge_1RB_Left	21.40	/	/	18.75	/	/	<=50	Pass
		Edge_1RB_Right	21.54	/	/	18.89	/	/	<=50	Pass
		Outer_Full	21.48	/	/	18.83	/	/	<=50	Pass
		Inner_Full	22.38	/	/	19.73	/	/	<=50	Pass
		Inner_1RB_Left	22.62	/	/	19.97	/	/	<=50	Pass

	821.5	Inner 1RB Right	22.36	/	/	19.71	/	/	<=50	Pass
		Edge 1RB Left	21.51	/	/	18.86	/	/	<=50	Pass
		Edge 1RB Right	21.42	/	/	18.77	/	/	<=50	Pass
		Outer Full	21.43	/	/	18.78	/	/	<=50	Pass
		Inner Full	22.38	/	/	19.73	/	/	<=50	Pass
		Inner 1RB Left	22.44	/	/	19.79	/	/	<=50	Pass
		Inner 1RB Right	22.22	/	/	19.57	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	816.5	Edge 1RB Left	21.07	/	/	18.42	/	/	<=50	Pass
		Edge 1RB Right	21.18	/	/	18.53	/	/	<=50	Pass
		Outer Full	21.05	/	/	18.40	/	/	<=50	Pass
		Inner Full	21.13	/	/	18.48	/	/	<=50	Pass
		Inner 1RB Left	20.99	/	/	18.34	/	/	<=50	Pass
		Inner 1RB Right	21.00	/	/	18.35	/	/	<=50	Pass
	819	Edge 1RB Left	21.31	/	/	18.66	/	/	<=50	Pass
		Edge 1RB Right	20.94	/	/	18.29	/	/	<=50	Pass
		Outer Full	20.97	/	/	18.32	/	/	<=50	Pass
		Inner Full	21.02	/	/	18.37	/	/	<=50	Pass
		Inner 1RB Left	20.87	/	/	18.22	/	/	<=50	Pass
		Inner 1RB Right	21.12	/	/	18.47	/	/	<=50	Pass
	821.5	Edge 1RB Left	21.02	/	/	18.37	/	/	<=50	Pass
		Edge 1RB Right	20.54	/	/	17.89	/	/	<=50	Pass
		Outer Full	20.95	/	/	18.30	/	/	<=50	Pass
		Inner Full	21.08	/	/	18.43	/	/	<=50	Pass
		Inner 1RB Left	21.31	/	/	18.66	/	/	<=50	Pass
		Inner 1RB Right	21.05	/	/	18.40	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	816.5	Edge 1RB Left	19.21	/	/	16.56	/	/	<=50	Pass
		Edge 1RB Right	18.76	/	/	16.11	/	/	<=50	Pass
		Outer Full	19.04	/	/	16.39	/	/	<=50	Pass
		Inner Full	19.12	/	/	16.47	/	/	<=50	Pass
		Inner 1RB Left	19.18	/	/	16.53	/	/	<=50	Pass
		Inner 1RB Right	18.77	/	/	16.12	/	/	<=50	Pass
	819	Edge 1RB Left	19.06	/	/	16.41	/	/	<=50	Pass
		Edge 1RB Right	18.65	/	/	16.00	/	/	<=50	Pass
		Outer Full	19.02	/	/	16.37	/	/	<=50	Pass
		Inner Full	19.02	/	/	16.37	/	/	<=50	Pass
		Inner 1RB Left	19.18	/	/	16.53	/	/	<=50	Pass
		Inner 1RB Right	19.15	/	/	16.50	/	/	<=50	Pass
	821.5	Edge 1RB Left	19.07	/	/	16.42	/	/	<=50	Pass
		Edge 1RB Right	18.87	/	/	16.22	/	/	<=50	Pass
		Outer Full	19.01	/	/	16.36	/	/	<=50	Pass
		Inner Full	18.94	/	/	16.29	/	/	<=50	Pass
		Inner 1RB Left	19.09	/	/	16.44	/	/	<=50	Pass
		Inner 1RB Right	19.05	/	/	16.40	/	/	<=50	Pass
CP-OFDM QPSK	816.5	Edge 1RB Left	20.49	/	/	17.84	/	/	<=50	Pass
		Edge 1RB Right	20.33	/	/	17.68	/	/	<=50	Pass
		Outer Full	20.48	/	/	17.83	/	/	<=50	Pass
		Inner Full	22.03	/	/	19.38	/	/	<=50	Pass
		Inner 1RB Left	22.11	/	/	19.46	/	/	<=50	Pass
		Inner 1RB Right	22.04	/	/	19.39	/	/	<=50	Pass
	819	Edge 1RB Left	20.55	/	/	17.90	/	/	<=50	Pass
		Edge 1RB Right	20.27	/	/	17.62	/	/	<=50	Pass
		Outer Full	20.49	/	/	17.84	/	/	<=50	Pass
		Inner Full	22.02	/	/	19.37	/	/	<=50	Pass
		Inner 1RB Left	22.13	/	/	19.48	/	/	<=50	Pass
		Inner 1RB Right	22.00	/	/	19.35	/	/	<=50	Pass
	821.5	Edge 1RB Left	20.44	/	/	17.79	/	/	<=50	Pass
		Edge 1RB Right	20.52	/	/	17.87	/	/	<=50	Pass
		Outer Full	20.46	/	/	17.81	/	/	<=50	Pass
		Inner Full	21.98	/	/	19.33	/	/	<=50	Pass

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	22.87	/	/	20.22	/	/	<=50	Pass
		Edge_1RB_Right	22.74	/	/	20.09	/	/	<=50	Pass
		Outer_Full	22.88	/	/	20.23	/	/	<=50	Pass
		Inner_Full	23.50	/	/	20.85	/	/	<=50	Pass
		Inner_1RB_Left	23.47	/	/	20.82	/	/	<=50	Pass
		Inner_1RB_Right	23.36	/	/	20.71	/	/	<=50	Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	22.33	/	/	19.68	/	/	<=50	Pass
		Edge_1RB_Right	22.27	/	/	19.62	/	/	<=50	Pass
		Outer_Full	22.37	/	/	19.72	/	/	<=50	Pass
		Inner_Full	23.49	/	/	20.84	/	/	<=50	Pass
		Inner_1RB_Left	23.55	/	/	20.90	/	/	<=50	Pass
		Inner_1RB_Right	23.37	/	/	20.72	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	819	Edge_1RB_Left	21.68	/	/	19.03	/	/	<=50	Pass
		Edge_1RB_Right	21.33	/	/	18.68	/	/	<=50	Pass
		Outer_Full	21.53	/	/	18.88	/	/	<=50	Pass
		Inner_Full	22.40	/	/	19.75	/	/	<=50	Pass
		Inner_1RB_Left	22.39	/	/	19.74	/	/	<=50	Pass
		Inner_1RB_Right	22.35	/	/	19.70	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	819	Edge_1RB_Left	21.07	/	/	18.42	/	/	<=50	Pass
		Edge_1RB_Right	20.70	/	/	18.05	/	/	<=50	Pass
		Outer_Full	21.03	/	/	18.38	/	/	<=50	Pass
		Inner_Full	21.03	/	/	18.38	/	/	<=50	Pass
		Inner_1RB_Left	21.10	/	/	18.45	/	/	<=50	Pass
		Inner_1RB_Right	20.97	/	/	18.32	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	819	Edge_1RB_Left	18.97	/	/	16.32	/	/	<=50	Pass
		Edge_1RB_Right	18.91	/	/	16.26	/	/	<=50	Pass
		Outer_Full	19.00	/	/	16.35	/	/	<=50	Pass
		Inner_Full	19.02	/	/	16.37	/	/	<=50	Pass
		Inner_1RB_Left	19.40	/	/	16.75	/	/	<=50	Pass
		Inner_1RB_Right	18.90	/	/	16.25	/	/	<=50	Pass
CP-OFDM QPSK	819	Edge_1RB_Left	20.54	/	/	17.89	/	/	<=50	Pass
		Edge_1RB_Right	20.44	/	/	17.79	/	/	<=50	Pass
		Outer_Full	20.49	/	/	17.84	/	/	<=50	Pass
		Inner_Full	21.95	/	/	19.30	/	/	<=50	Pass
		Inner_1RB_Left	22.20	/	/	19.55	/	/	<=50	Pass
		Inner_1RB_Right	22.17	/	/	19.52	/	/	<=50	Pass
CP-OFDM 16 QAM	819	Edge_1RB_Left	20.40	/	/	17.75	/	/	<=50	Pass
		Edge_1RB_Right	20.37	/	/	17.72	/	/	<=50	Pass
		Outer_Full	20.53	/	/	17.88	/	/	<=50	Pass
		Inner_Full	21.47	/	/	18.82	/	/	<=50	Pass
		Inner_1RB_Left	21.60	/	/	18.95	/	/	<=50	Pass
		Inner_1RB_Right	21.56	/	/	18.91	/	/	<=50	Pass
CP-OFDM 64 QAM	819	Edge_1RB_Left	19.98	/	/	17.33	/	/	<=50	Pass
		Edge_1RB_Right	19.93	/	/	17.28	/	/	<=50	Pass
		Outer_Full	20.00	/	/	17.35	/	/	<=50	Pass
		Inner_Full	20.07	/	/	17.42	/	/	<=50	Pass
		Inner_1RB_Left	20.04	/	/	17.39	/	/	<=50	Pass
		Inner_1RB_Right	19.93	/	/	17.28	/	/	<=50	Pass
CP-OFDM 256 QAM	819	Edge_1RB_Left	17.01	/	/	14.36	/	/	<=50	Pass
		Edge_1RB_Right	16.82	/	/	14.17	/	/	<=50	Pass
		Outer_Full	17.09	/	/	14.44	/	/	<=50	Pass
		Inner_Full	17.10	/	/	14.45	/	/	<=50	Pass
		Inner_1RB_Left	16.94	/	/	14.29	/	/	<=50	Pass
		Inner_1RB_Right	17.03	/	/	14.38	/	/	<=50	Pass
Note1: Antenna Gain: Ant1: -0.50dBi;										

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	-1.40	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0093	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0083	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0072	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0071	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0066	>=-2.5 & <=2.5	Pass
			10	NV	-7.20	-0.0088	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0088	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0060	>=-2.5 & <=2.5	Pass
			50	NV	-7.00	-0.0085	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

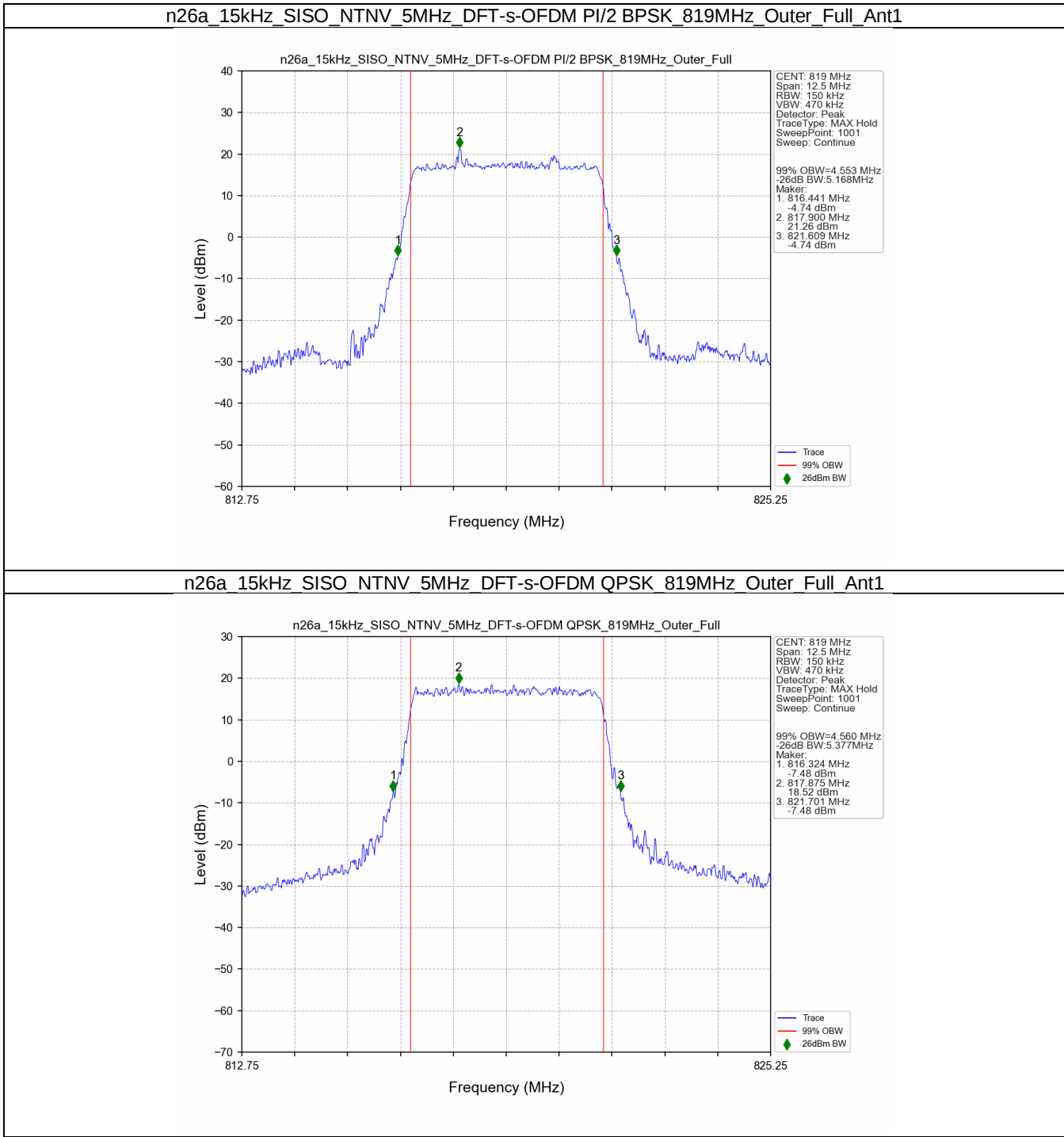
5G NR n26a SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	4.55	5.17	/	Pass
DFT-s-OFDM QPSK	819	Outer_Full	4.56	5.38	/	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	4.56	5.34	/	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	4.57	5.36	/	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	4.54	5.34	/	Pass
CP-OFDM QPSK	819	Outer_Full	4.56	5.40	/	Pass
CP-OFDM 16 QAM	819	Outer_Full	4.55	5.39	/	Pass
CP-OFDM 64 QAM	819	Outer_Full	4.54	5.38	/	Pass
CP-OFDM 256 QAM	819	Outer_Full	4.54	5.25	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

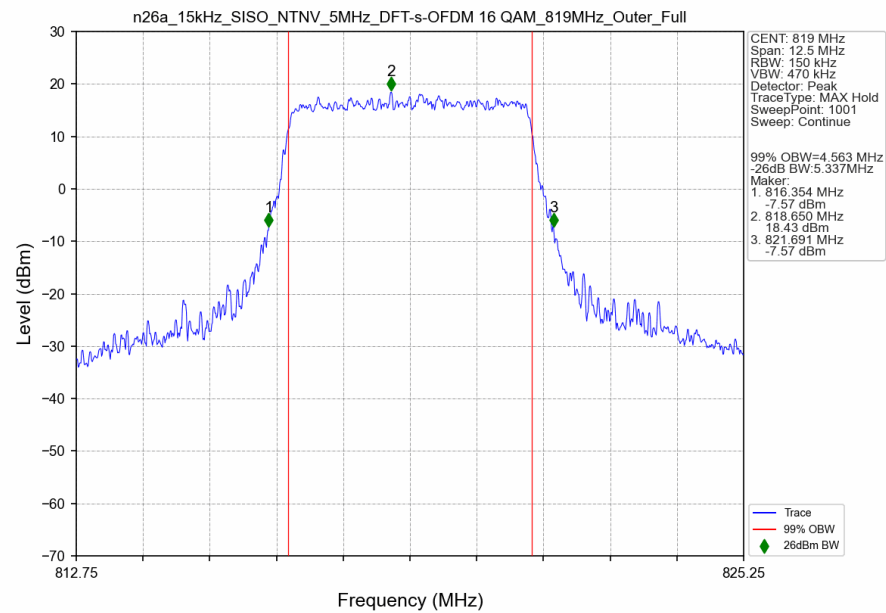
5G NR n26a SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	9.04	9.94	/	Pass
DFT-s-OFDM QPSK	819	Outer_Full	9.08	10.07	/	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	9.04	9.97	/	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	9.03	10.08	/	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	9.05	10.07	/	Pass
CP-OFDM QPSK	819	Outer_Full	9.37	10.34	/	Pass
CP-OFDM 16 QAM	819	Outer_Full	9.38	10.42	/	Pass
CP-OFDM 64 QAM	819	Outer_Full	9.41	10.39	/	Pass
CP-OFDM 256 QAM	819	Outer_Full	9.38	10.39	/	Pass

3.2 Test Graph

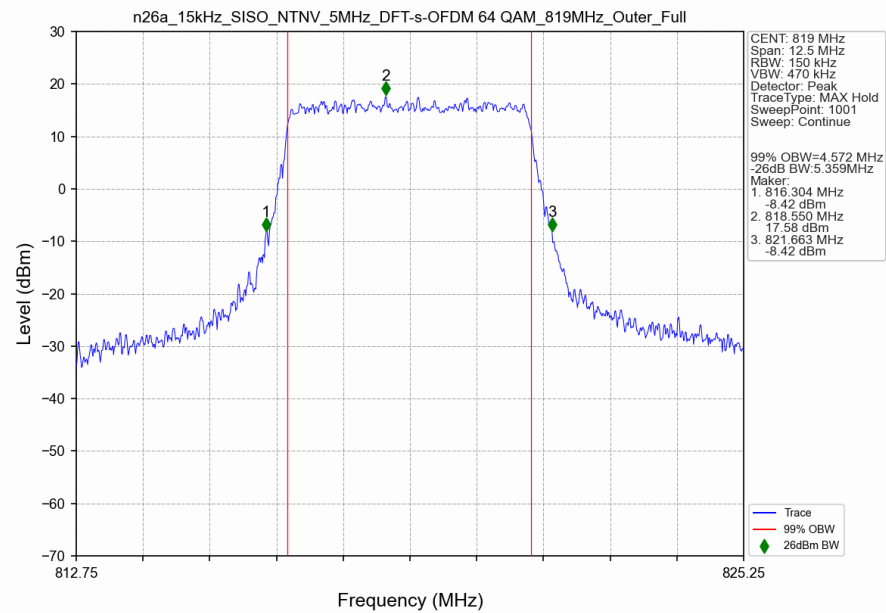
3.2.1 15k_SISO_5MHz_NTNV



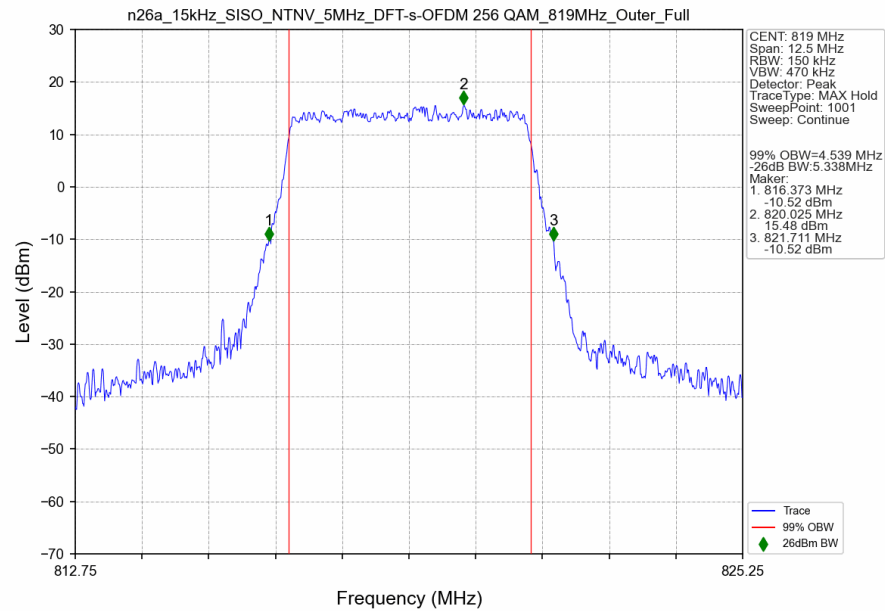
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM 819MHz_Outer_Full_Ant1



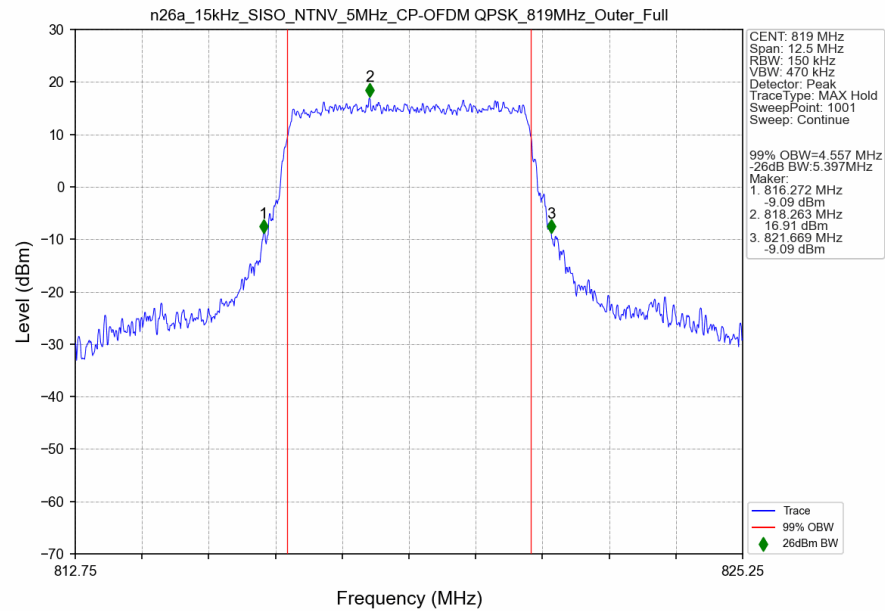
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 819MHz_Outer_Full_Ant1



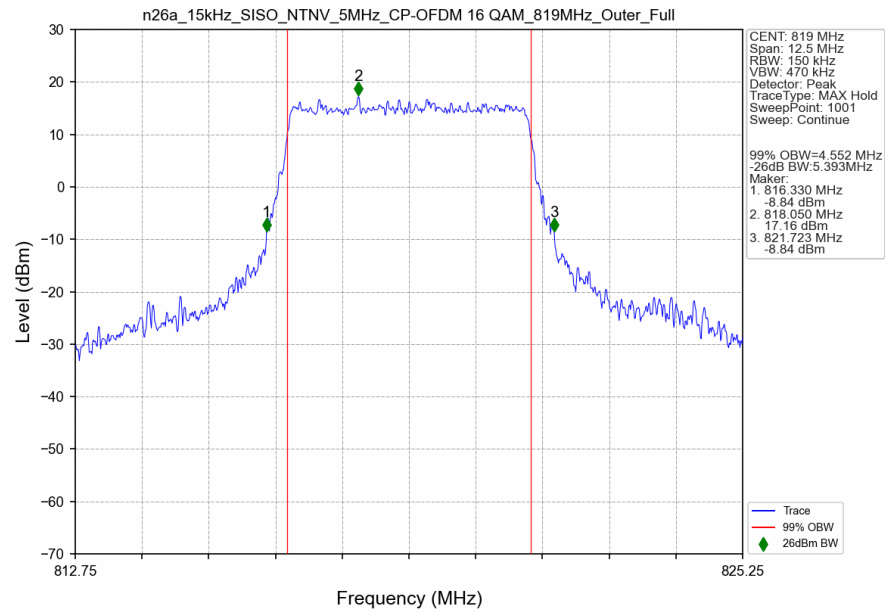
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_819MHz_Outer_Full_Ant1



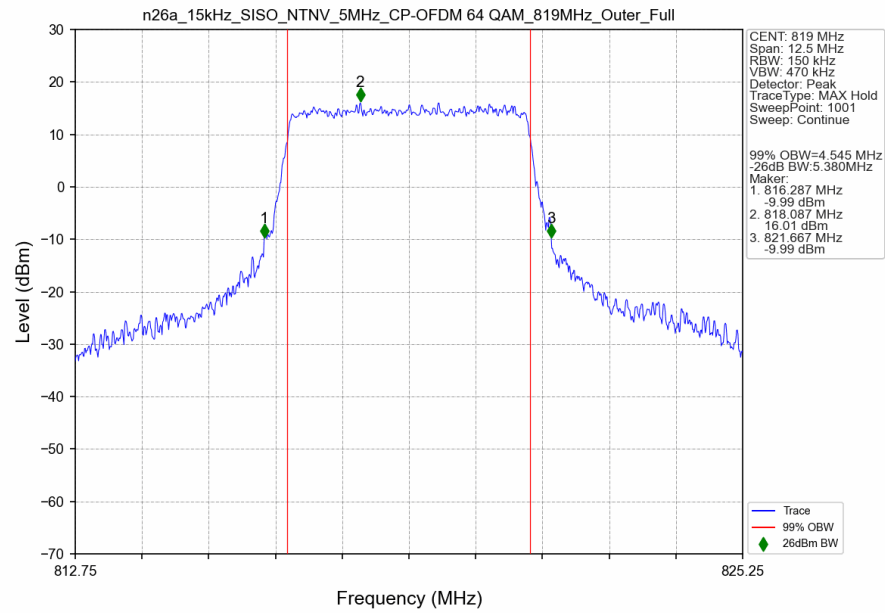
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_819MHz_Outer_Full_Ant1



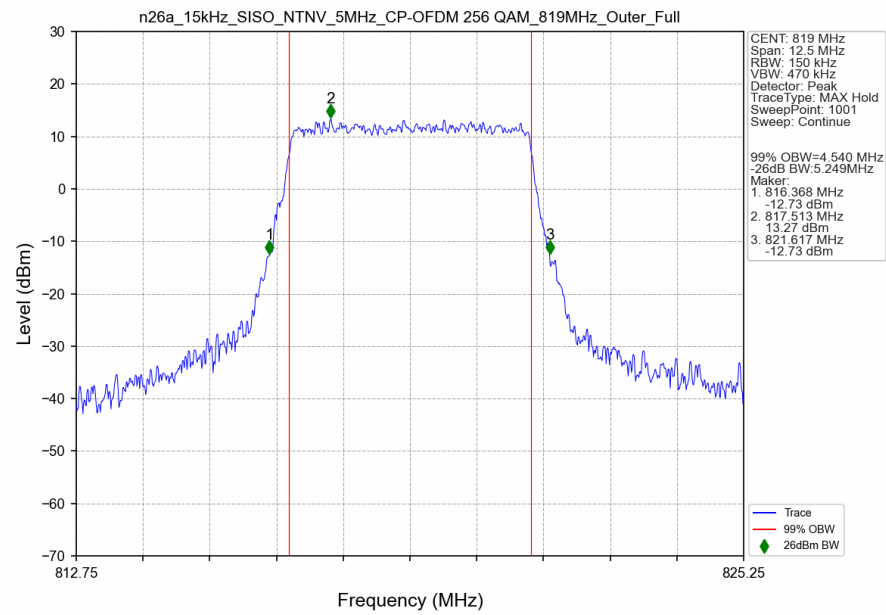
n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 819MHz_Outer_Full_Ant1



n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 819MHz_Outer_Full_Ant1

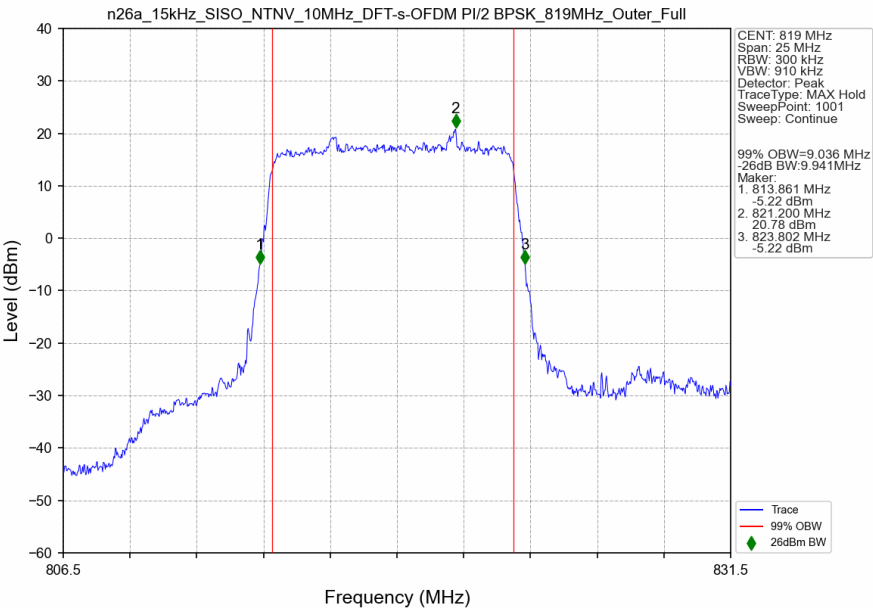


n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_819MHz_Outer_Full_Ant1

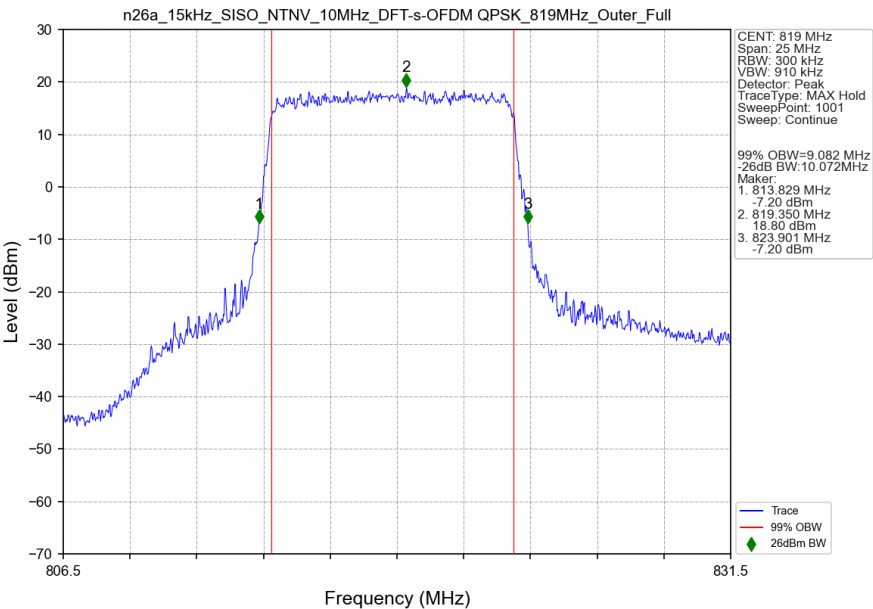


3.2.2 15k_SISO_10MHz_NTNV

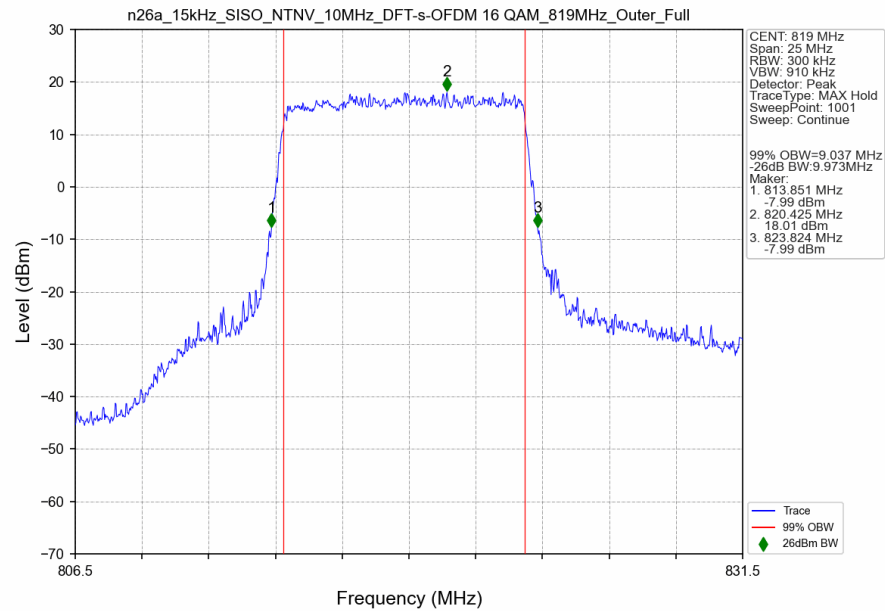
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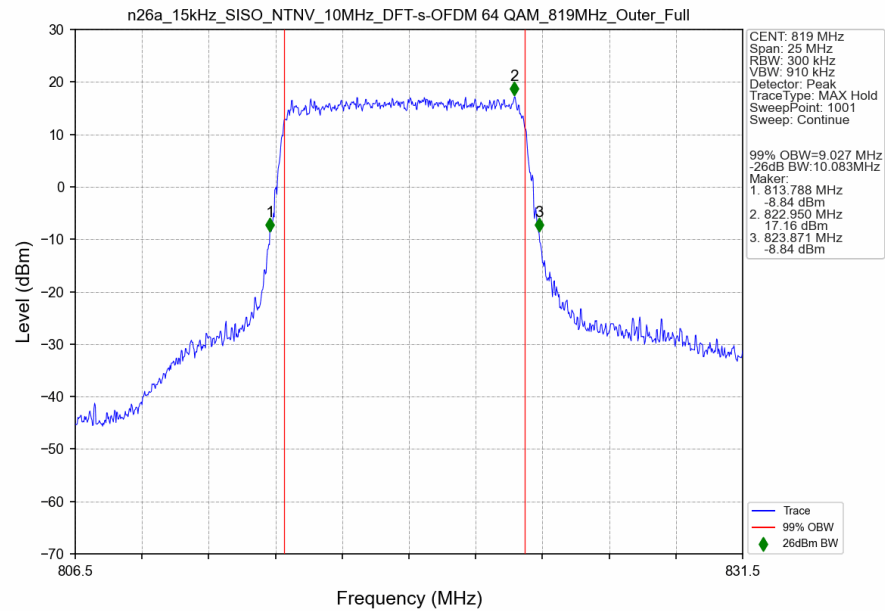
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_819MHz_Outer_Full_Ant1



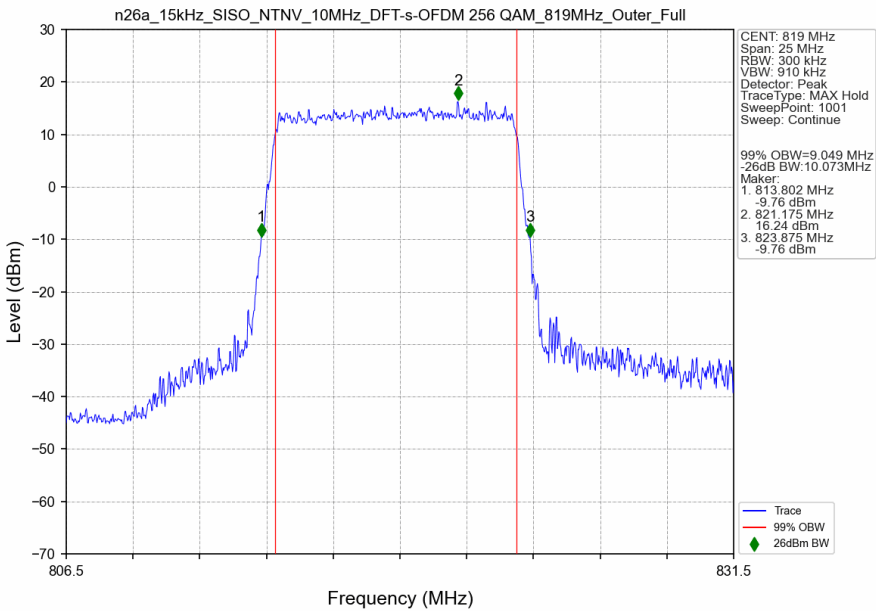
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_819MHz_Outer_Full_Ant1



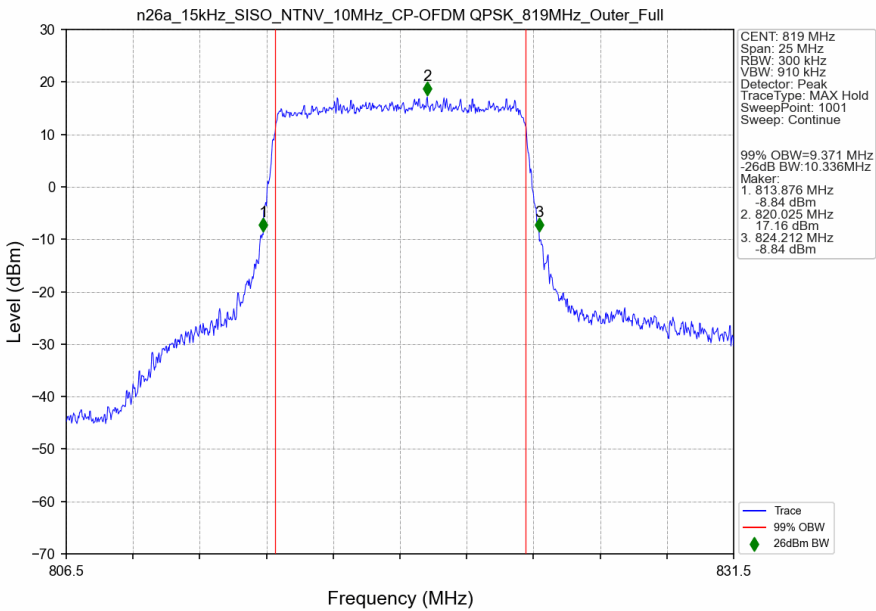
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_819MHz_Outer_Full_Ant1



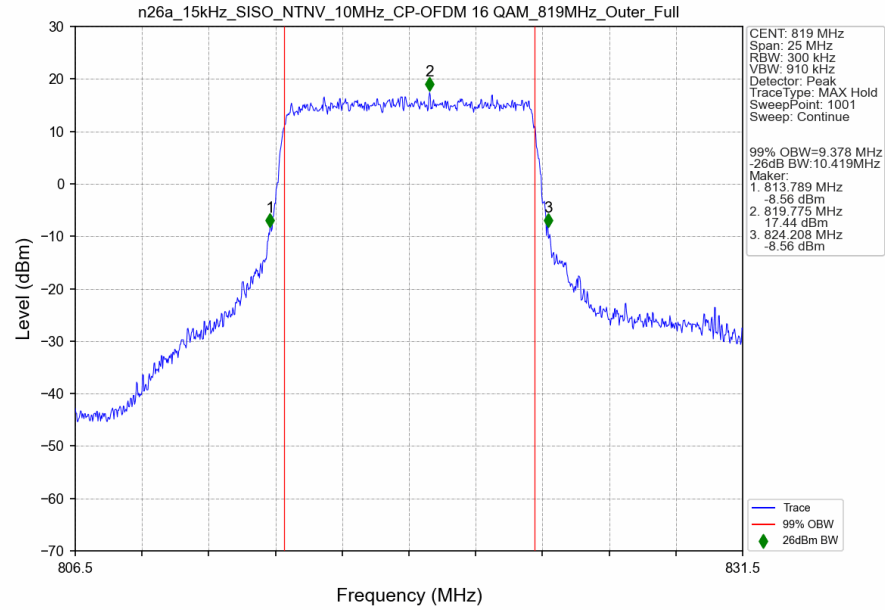
n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_819MHz_Outer_Full_Ant1



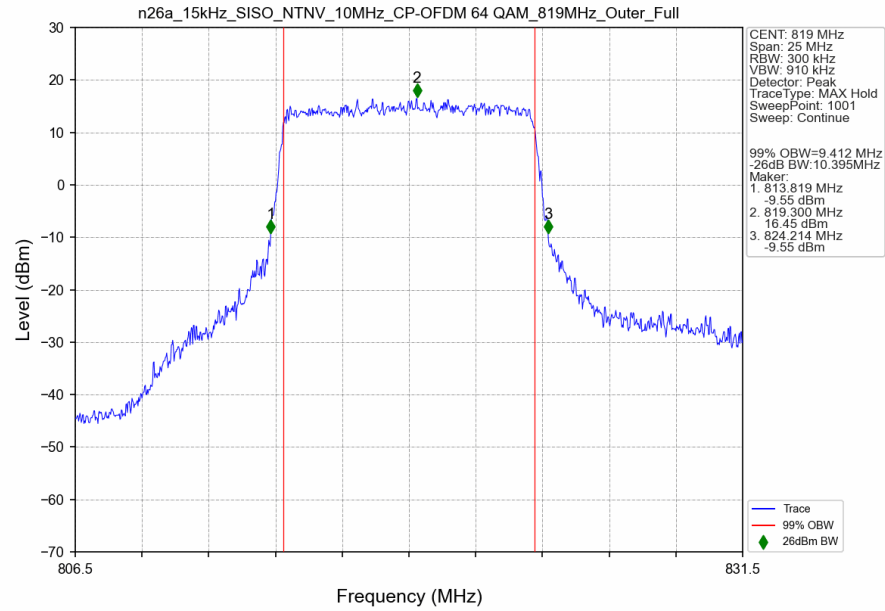
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Outer_Full_Ant1



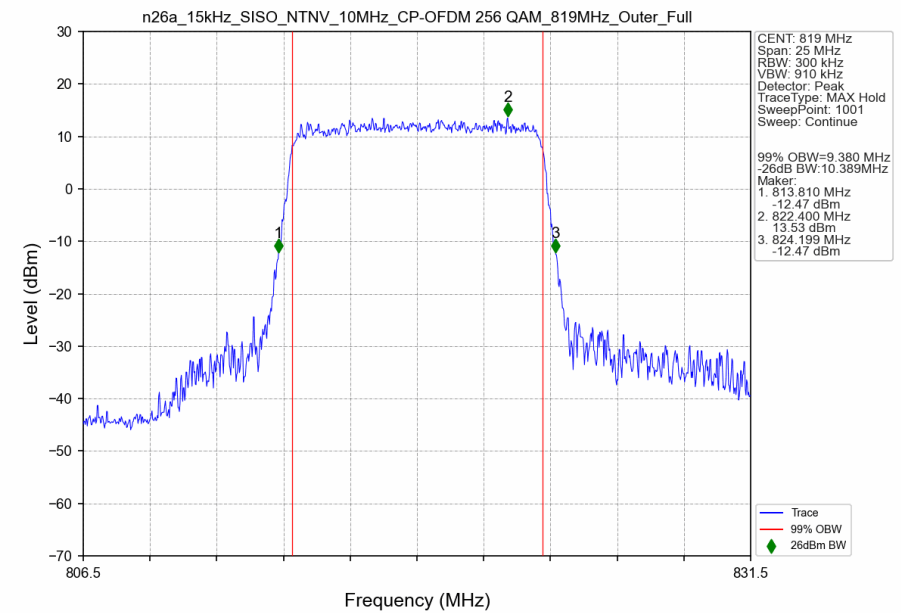
n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_819MHz_Outer_Full_Ant1



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_819MHz_Outer_Full_Ant1



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM 819MHz_Outer_Full_Ant1



4. Peak-Average Ratio

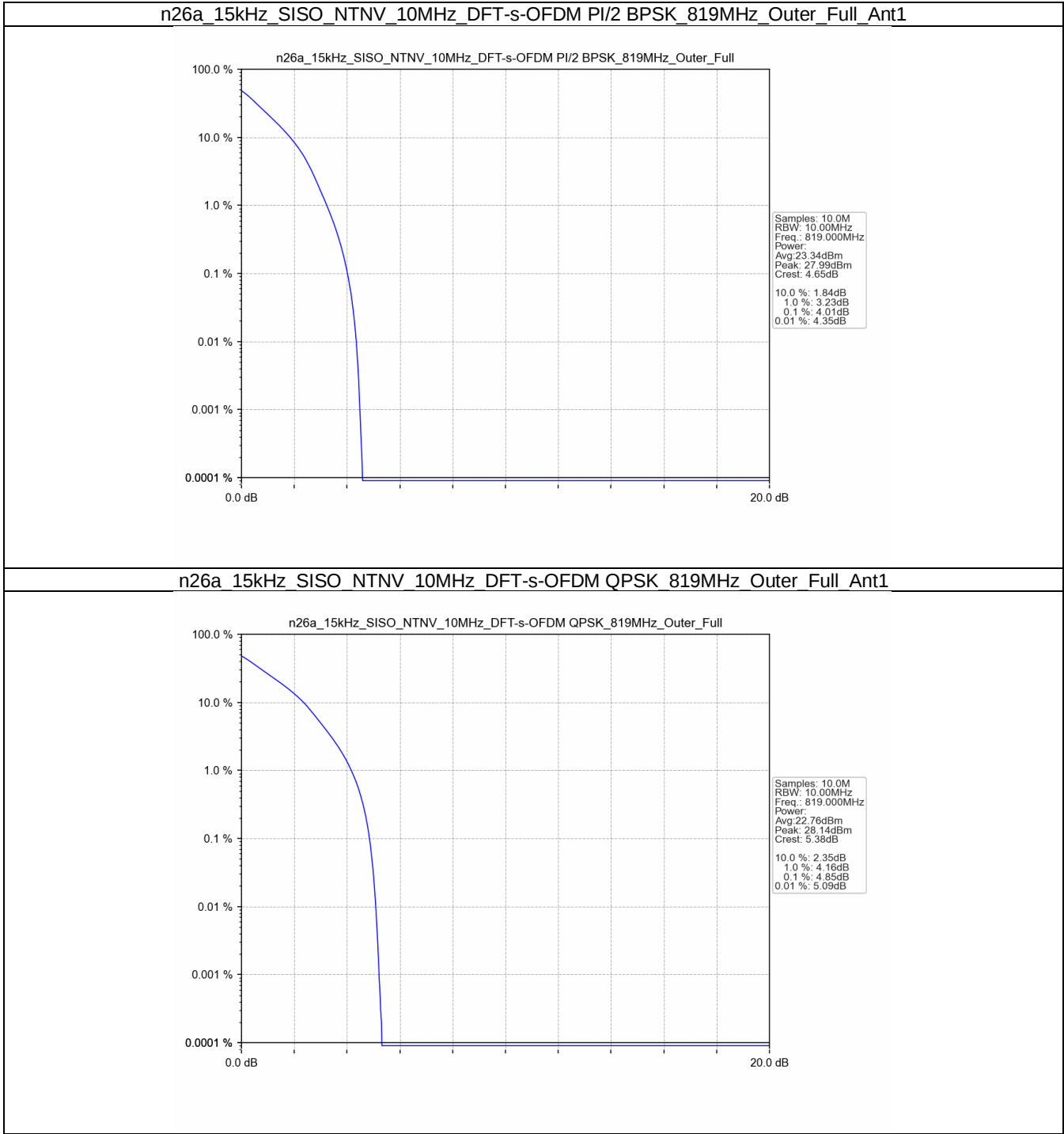
4.1 Test Result

4.1.1 15k_SISO_10MHz_NTNV

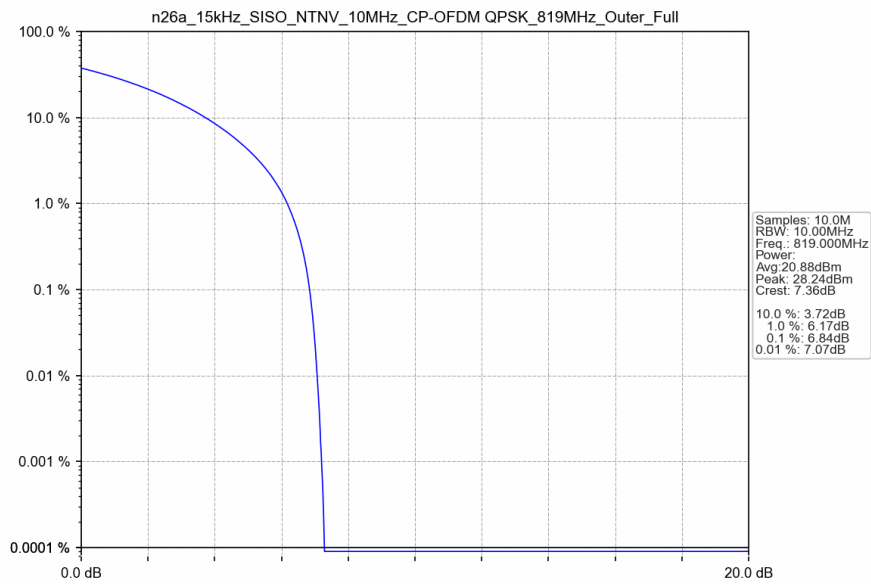
5G NR n26a SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	4.01	/	/	<=13	Pass
DFT-s-OFDM QPSK	819	Outer_Full	4.85	/	/	<=13	Pass
CP-OFDM QPSK	819	Outer_Full	6.84	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_10MHz_NTNV



n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Outer_Full_Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

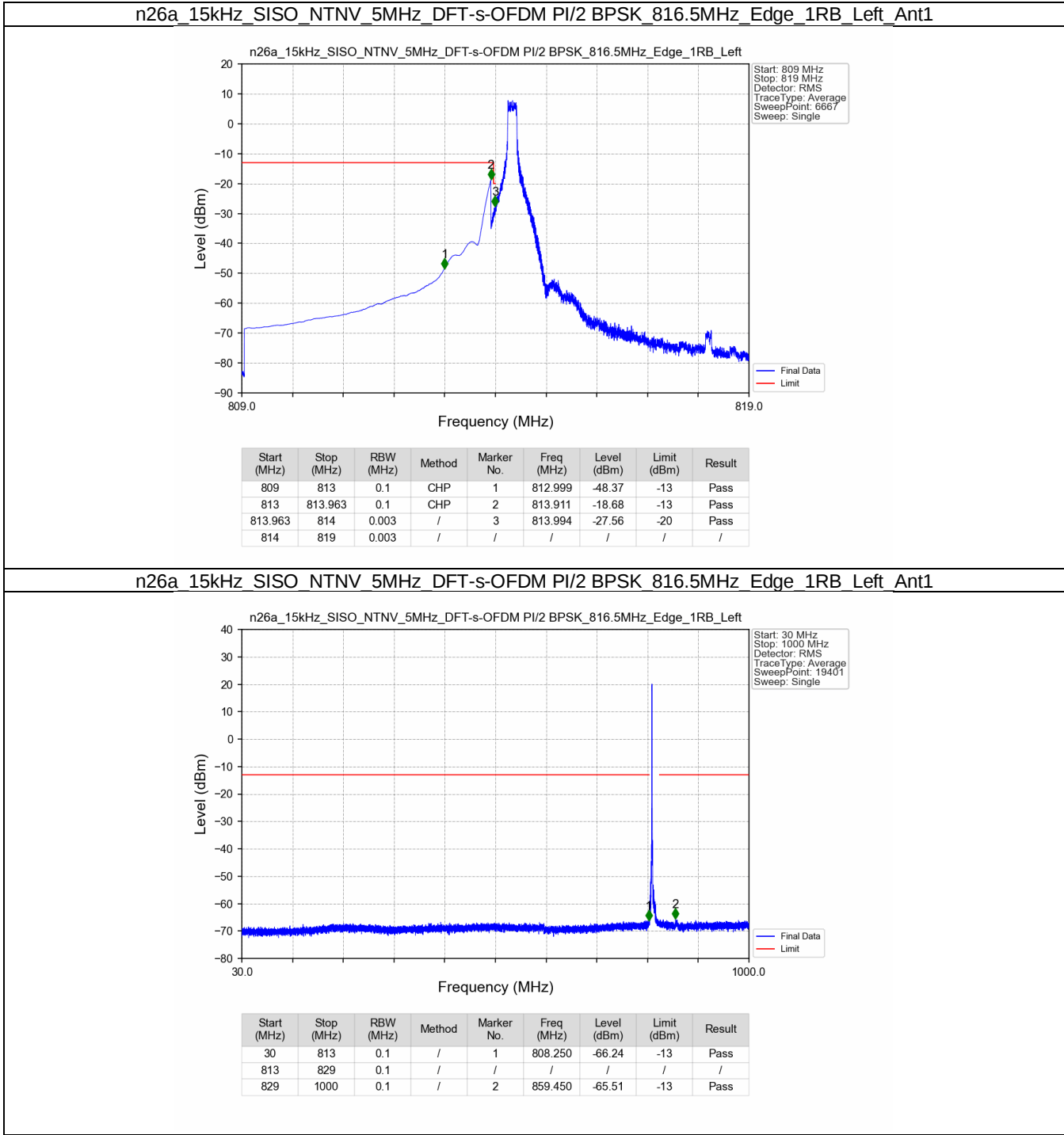
5G NR n26a SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	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
		Edge_1RB_Right	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
		Edge_1RB_Right	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

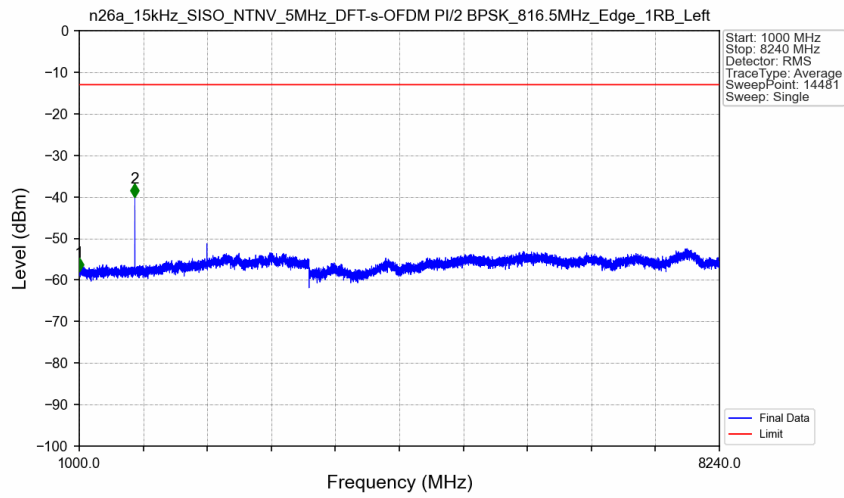
5G NR n26a SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	819	Edge_1RB_Left	Refer To Test Graph				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

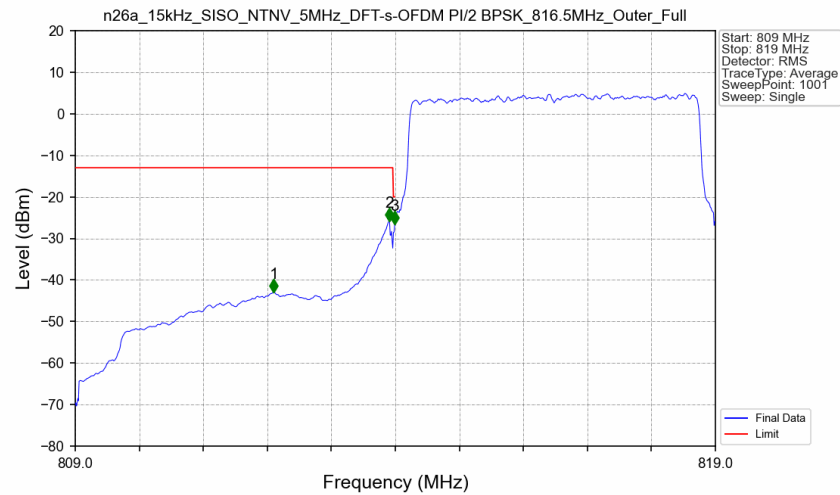


n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_816.5MHz_Edge_1RB_Left_Ant1



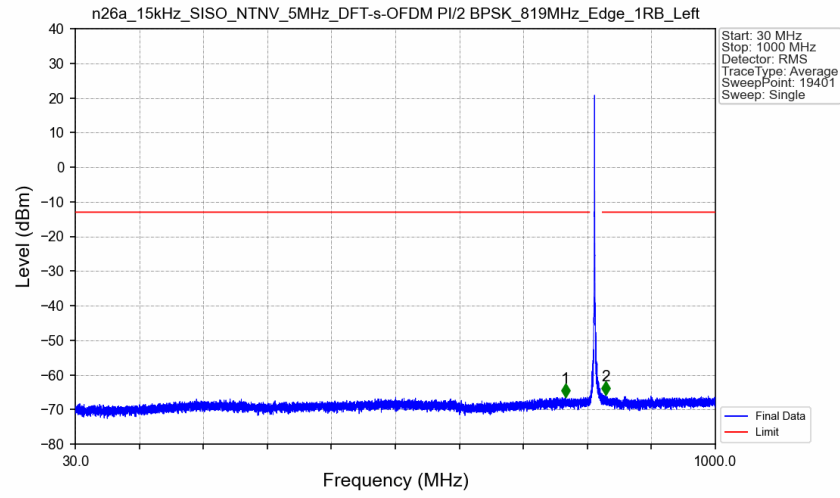
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.86	-13	Pass
1000	8240	1	/	2	1629.000	-40.00	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_816.5MHz_Outer_Full_Ant1



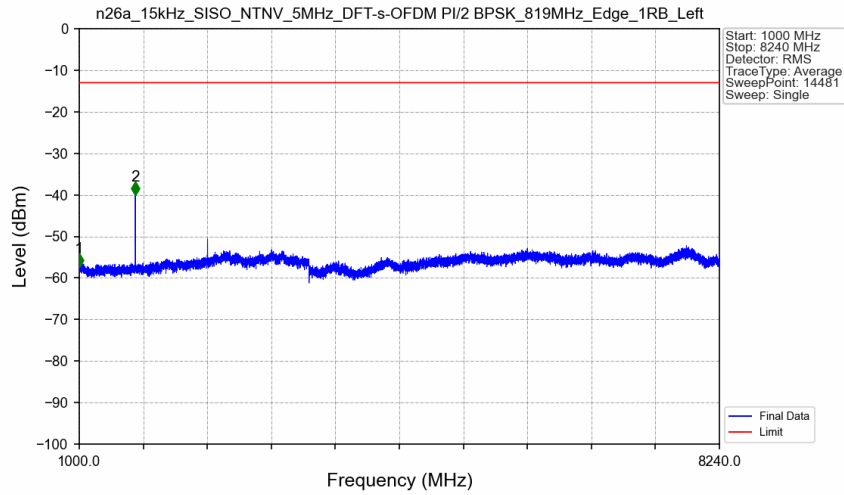
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.100	-42.96	-13	Pass
813	813.963	0.1	CHP	2	813.910	-25.89	-13	Pass
813.963	814	0.05249	CHP	3	813.990	-26.54	-20	Pass
814	819	0.05249	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 819MHz_Edge_1RB_Left_Ant1



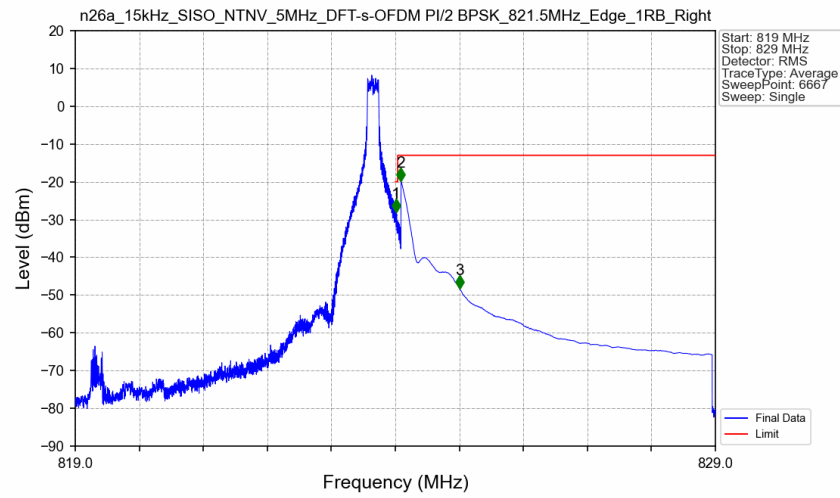
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	772.850	-66.37	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	833.900	-65.83	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK 819MHz_Edge_1RB_Left_Ant1



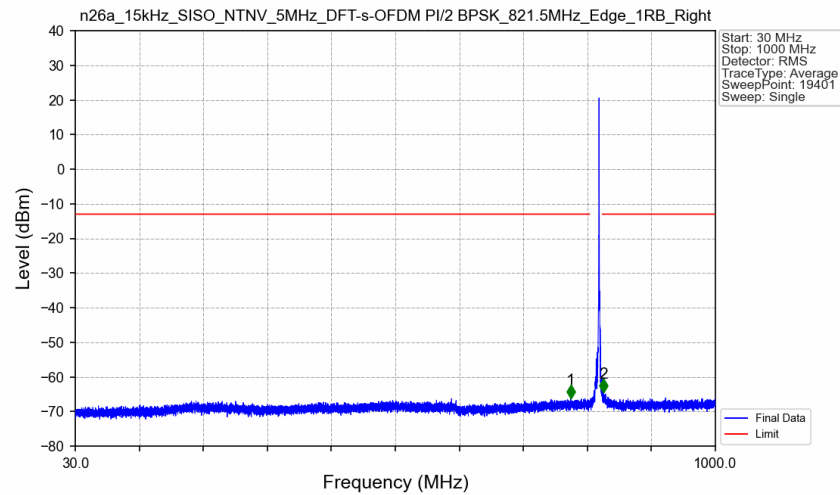
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.31	-13	Pass
1000	8240	1	/	2	1634.000	-40.08	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Edge_1RB_Right_Ant1



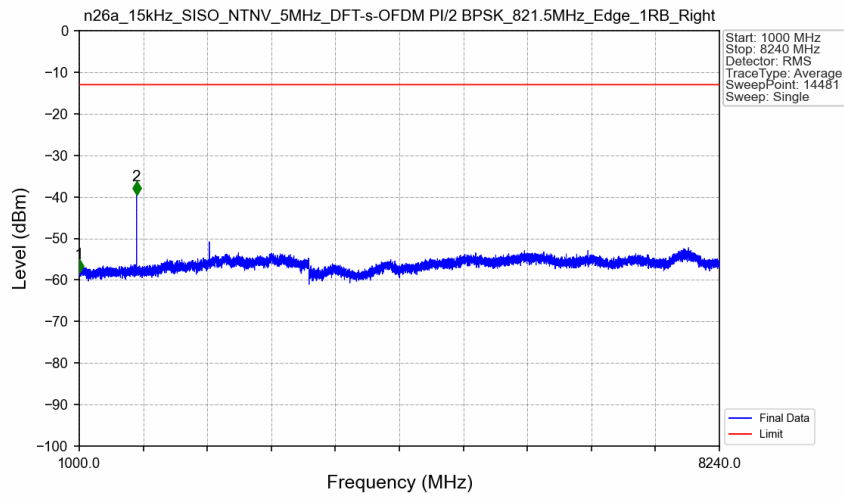
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.008	-28.07	-20	Pass
824.038	825	0.1	CHP	2	824.089	-19.74	-13	Pass
825	829	0.1	CHP	3	825.001	-48.31	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Edge_1RB_Right_Ant1



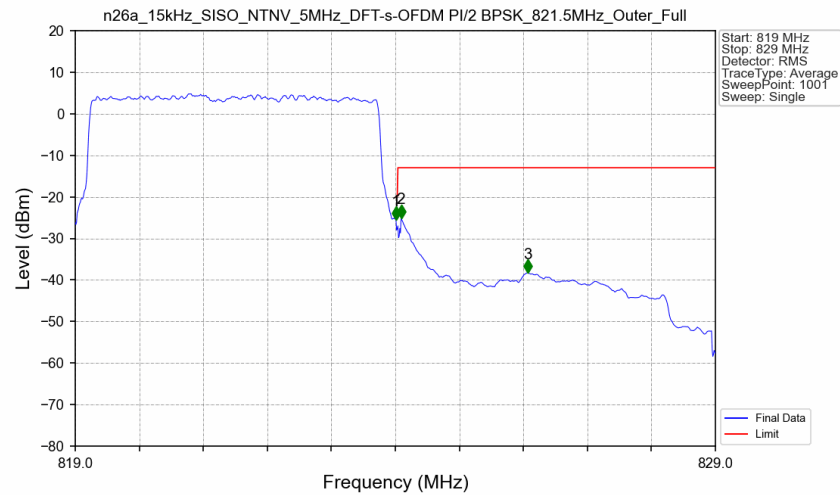
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	780.700	-66.14	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	830.700	-64.50	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Edge_1RB_Right_Ant1



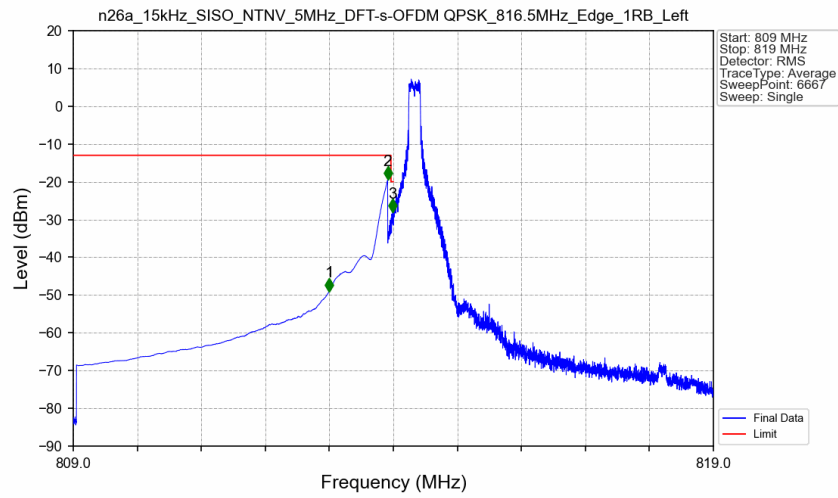
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.29	-13	Pass
1000	8240	1	/	2	1647.500	-39.53	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_821.5MHz_Outer_Full_Ant1



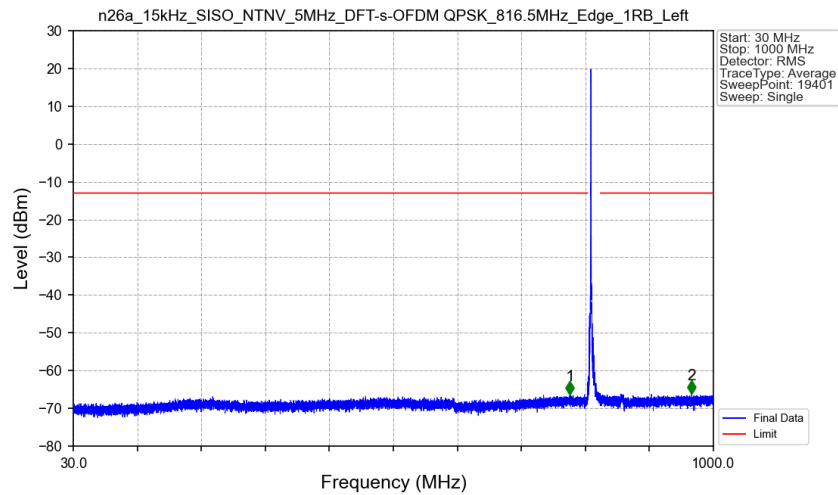
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05359	CHP	/	/	/	/	/
824	824.038	0.05359	CHP	1	824.010	-25.41	-20	Pass
824.038	825	0.1	CHP	2	824.090	-25.03	-13	Pass
825	829	0.1	CHP	3	826.070	-38.24	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant1



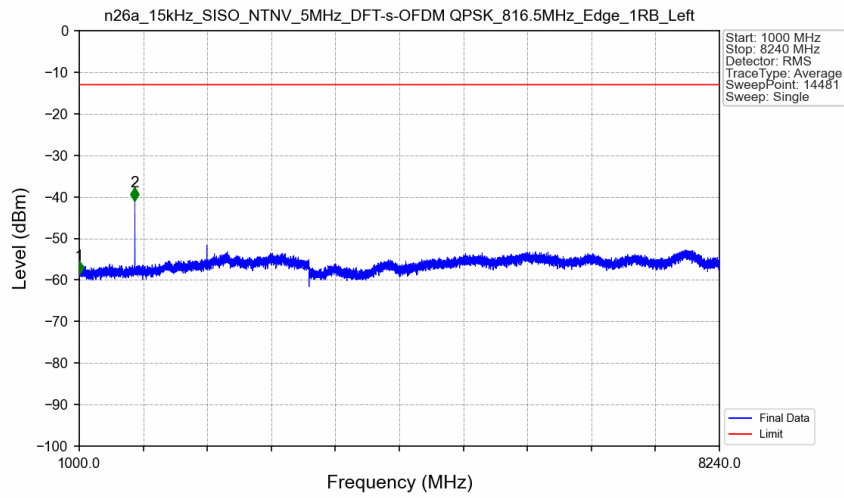
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.999	-48.97	-13	Pass
813	813.963	0.1	CHP	2	813.911	-19.44	-13	Pass
813.963	814	0.003	/	3	813.989	-27.94	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant1



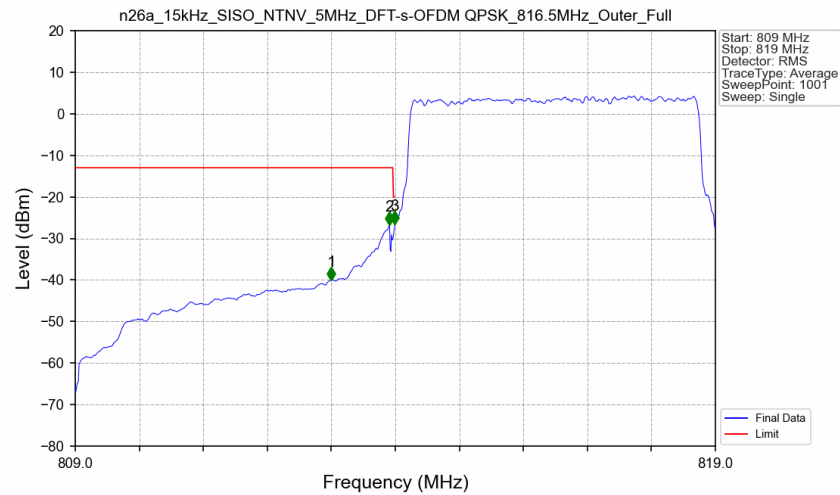
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	782.400	-66.35	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	967.100	-66.07	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant1



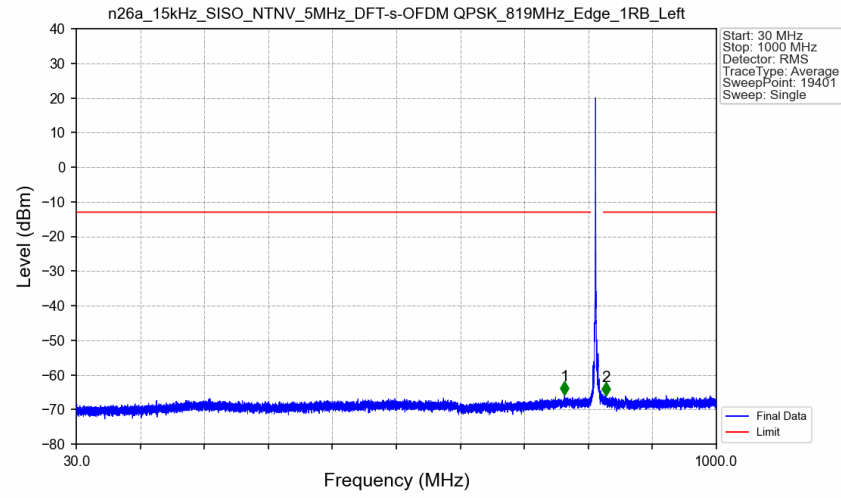
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.58	-13	Pass
1000	8240	1	/	2	1629.000	-41.00	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_816.5MHz_Outer_Full_Ant1

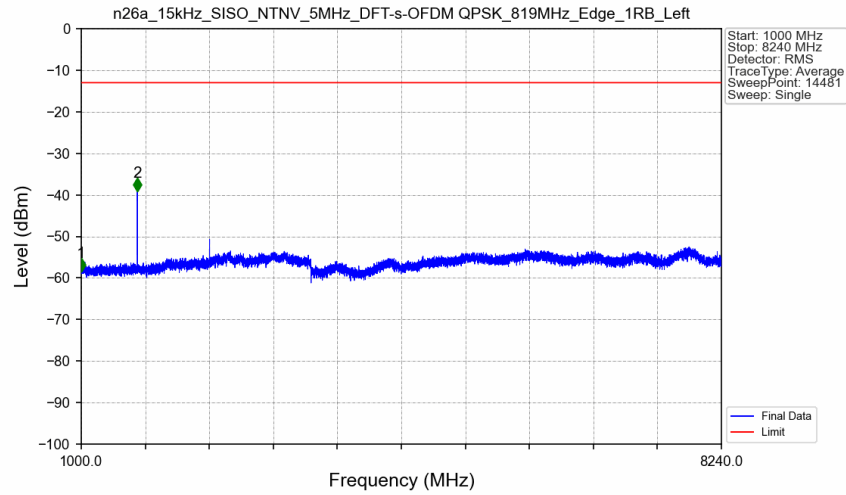


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	813.000	-40.00	-13	Pass
813	813.963	0.1	CHP	2	813.910	-26.84	-13	Pass
813.963	814	0.05377	CHP	3	813.990	-26.51	-20	Pass
814	819	0.05377	CHP	/	/	/	/	/

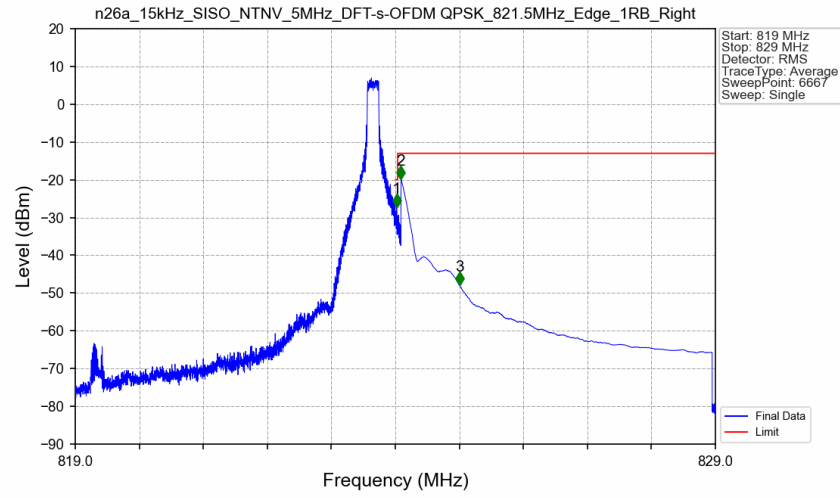
n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1

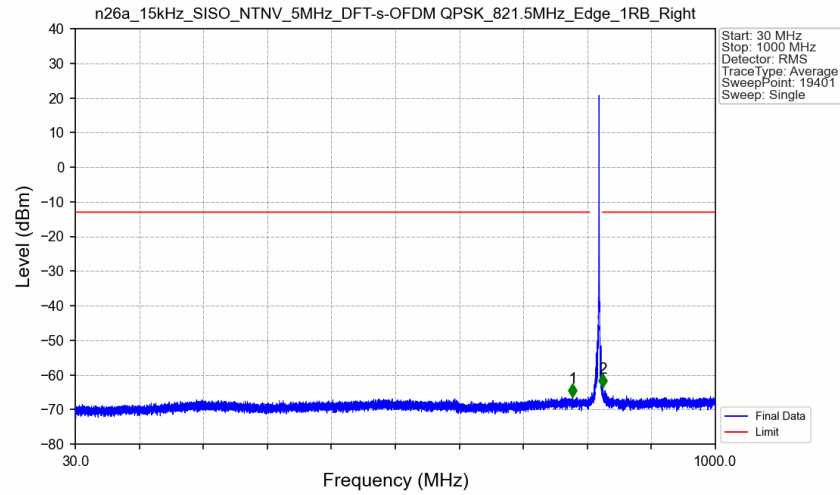


n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant1



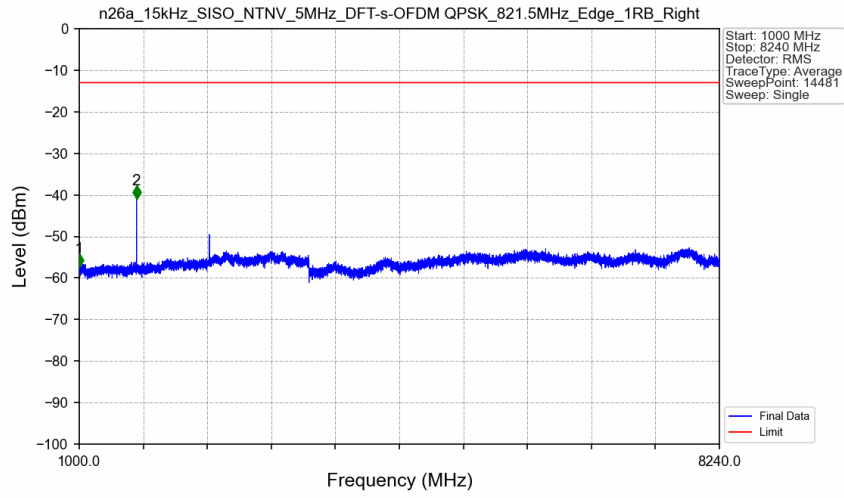
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.021	-27.19	-20	Pass
824.038	825	0.1	CHP	2	824.089	-19.77	-13	Pass
825	829	0.1	CHP	3	825.001	-47.89	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant1



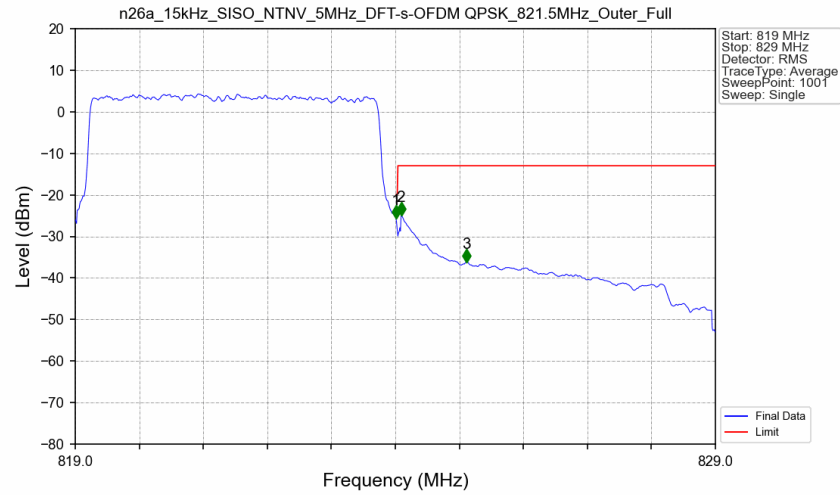
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	783.650	-66.38	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	829.150	-63.51	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant1



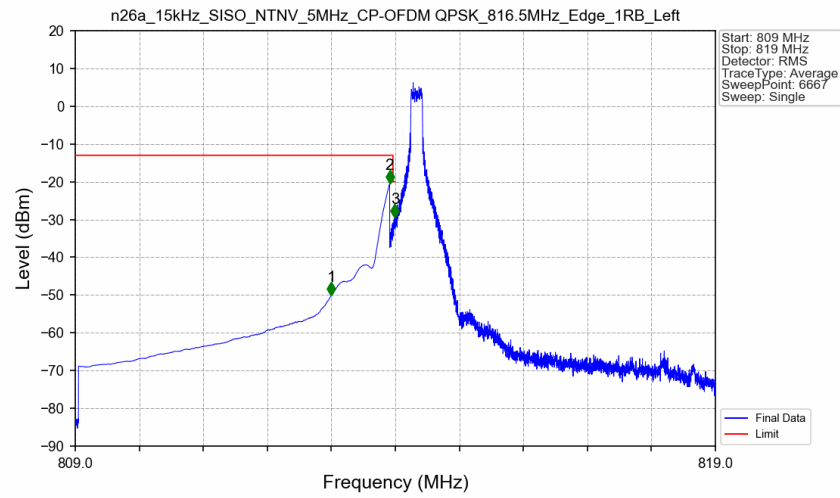
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.40	-13	Pass
1000	8240	1	/	2	1647.500	-40.85	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_821.5MHz_Outer_Full_Ant1



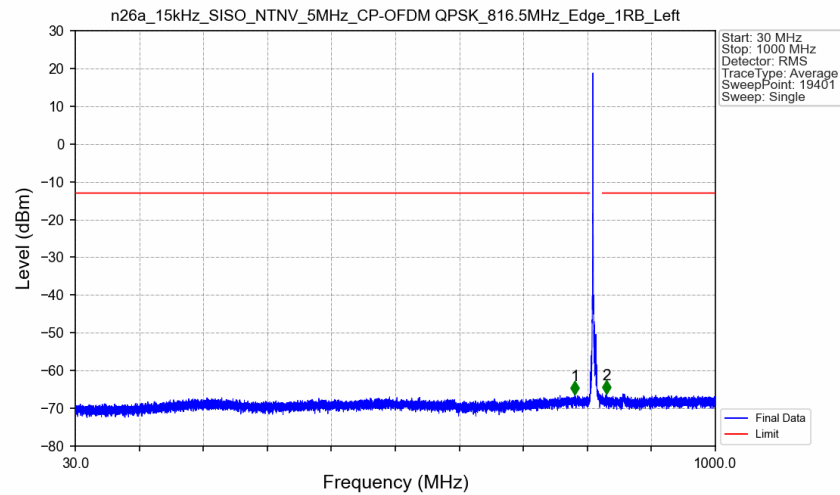
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05377	CHP	/	/	/	/	/
824	824.038	0.05377	CHP	1	824.010	-25.60	-20	Pass
824.038	825	0.1	CHP	2	824.090	-24.95	-13	Pass
825	829	0.1	CHP	3	825.110	-36.22	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant1



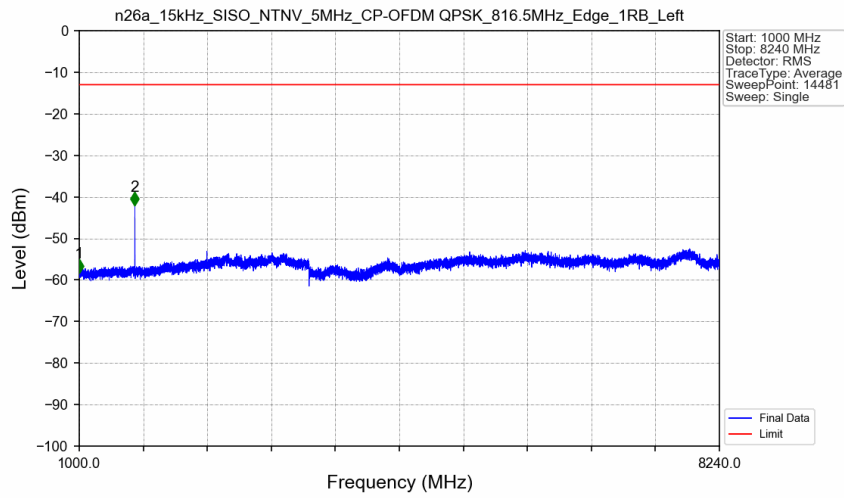
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.999	-50.08	-13	Pass
813	813.963	0.1	CHP	2	813.911	-20.42	-13	Pass
813.963	814	0.003	/	3	813.994	-29.50	-20	Pass
814	819	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant1



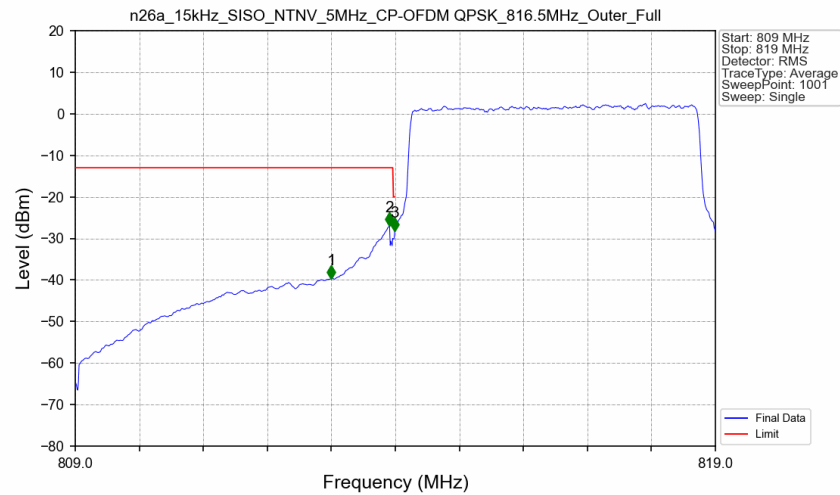
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	786.950	-66.28	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	834.750	-66.04	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Edge_1RB_Left_Ant1



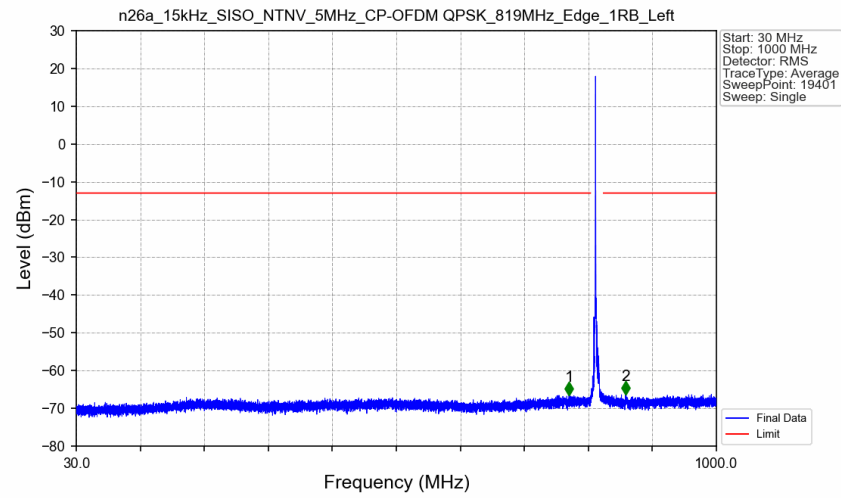
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.14	-13	Pass
1000	8240	1	/	2	1629.000	-42.03	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_816.5MHz_Outer_Full_Ant1



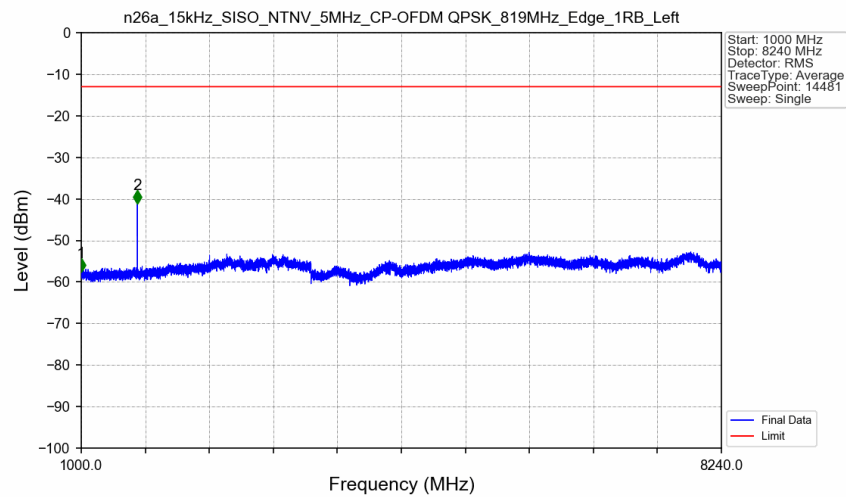
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	813.000	-39.61	-13	Pass
813	813.963	0.1	CHP	2	813.910	-26.92	-13	Pass
813.963	814	0.05337	CHP	3	813.990	-28.18	-20	Pass
814	819	0.05337	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



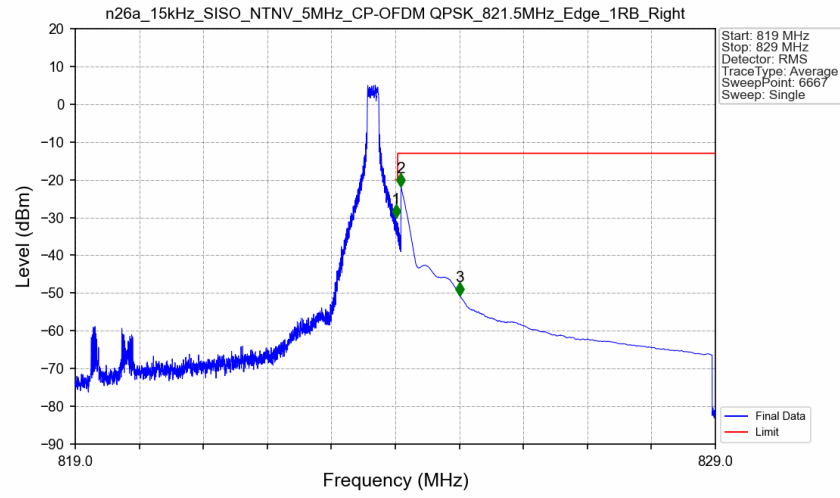
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	776.650	-66.48	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	862.500	-66.32	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



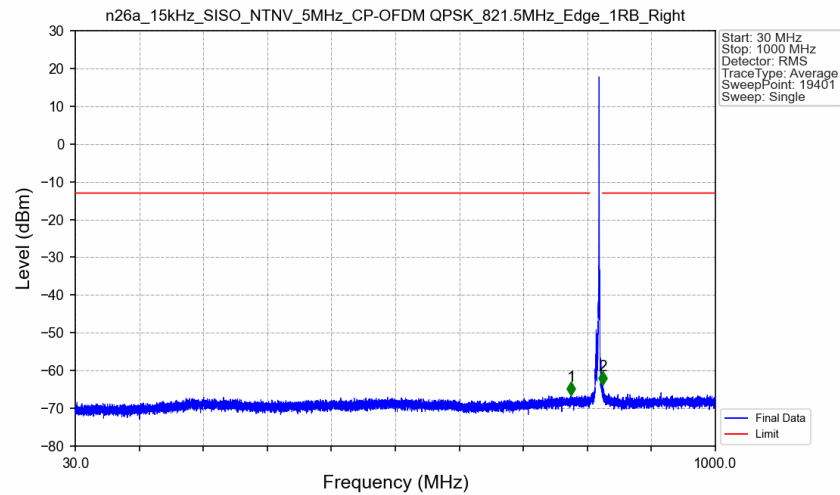
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.58	-13	Pass
1000	8240	1	/	2	1634.000	-41.10	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant1



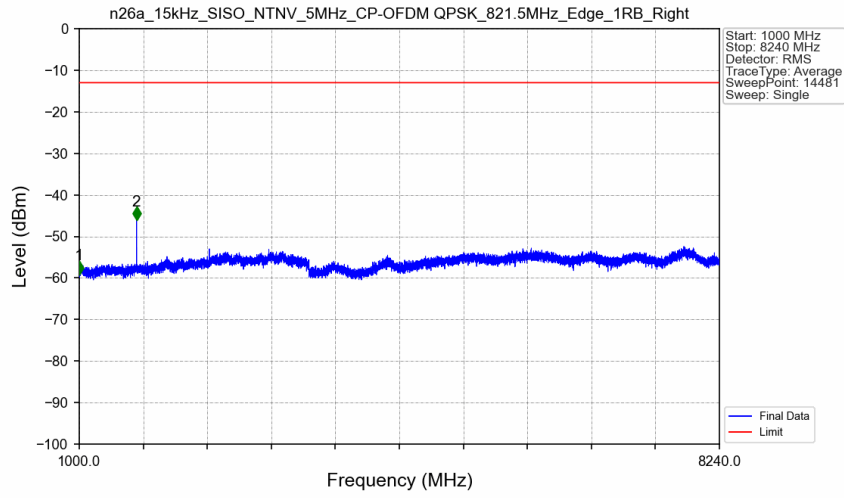
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.006	-30.03	-20	Pass
824.038	825	0.1	CHP	2	824.089	-21.90	-13	Pass
825	829	0.1	CHP	3	825.001	-50.63	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant1



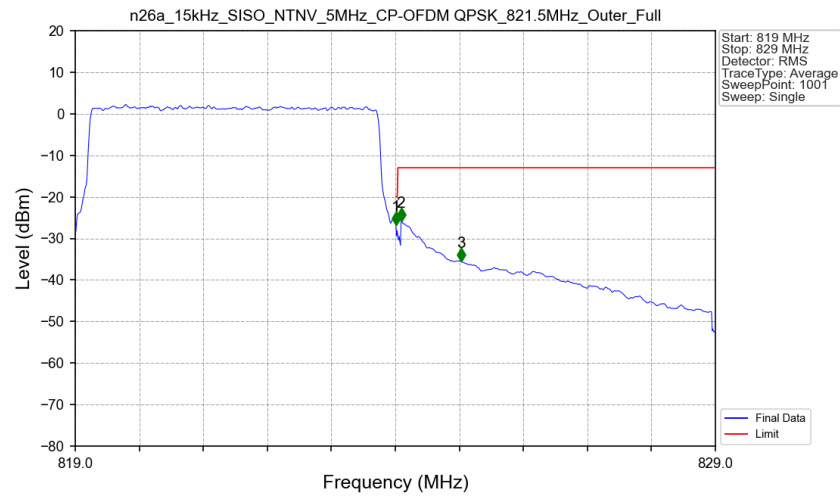
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	814	0.1	/	1	781.400	-66.59	-13	Pass
814	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	829.650	-63.71	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Edge_1RB_Right_Ant1



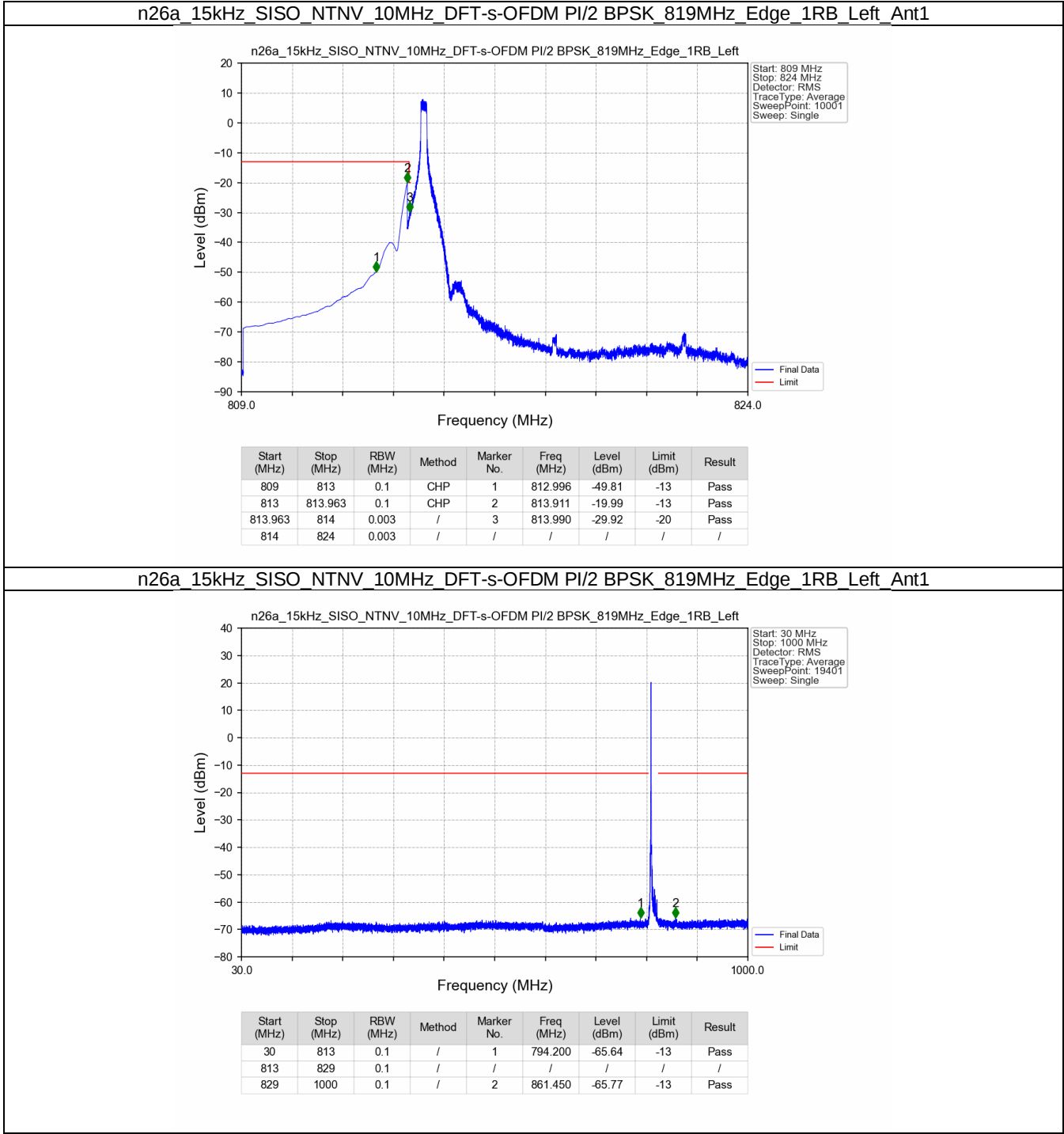
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-59.05	-13	Pass
1000	8240	1	/	2	1647.500	-46.06	-13	Pass

n26a_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_821.5MHz_Outer_Full_Ant1

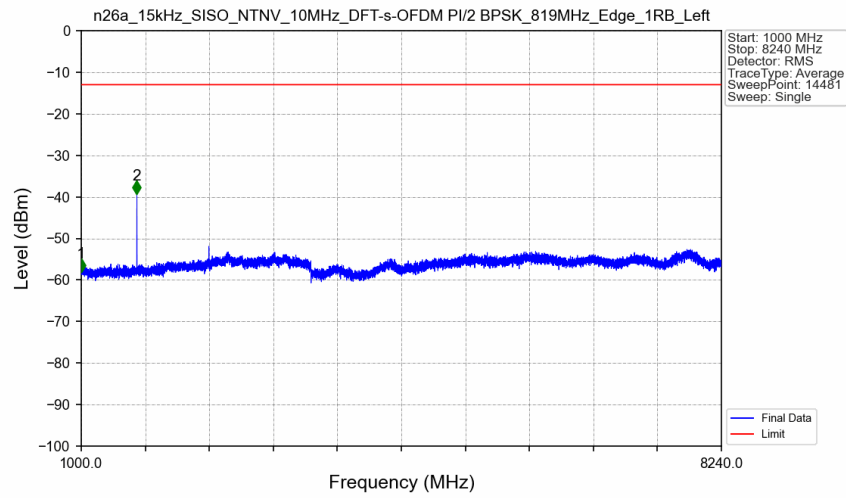


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.05249	CHP	/	/	/	/	/
824	824.038	0.05249	CHP	1	824.010	-26.75	-20	Pass
824.038	825	0.1	CHP	2	824.090	-25.87	-13	Pass
825	829	0.1	CHP	3	825.030	-35.47	-13	Pass

5.2.2 15k_SISO_10MHz_NTNV

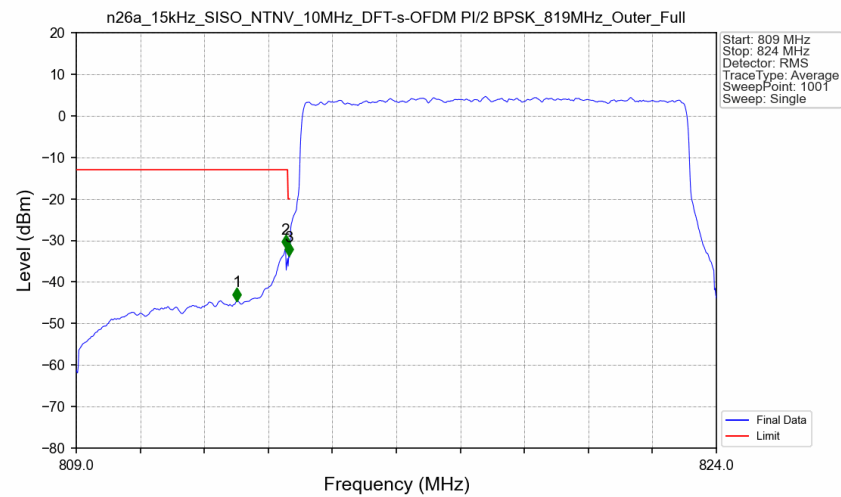


n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Edge_1RB_Left_Ant1



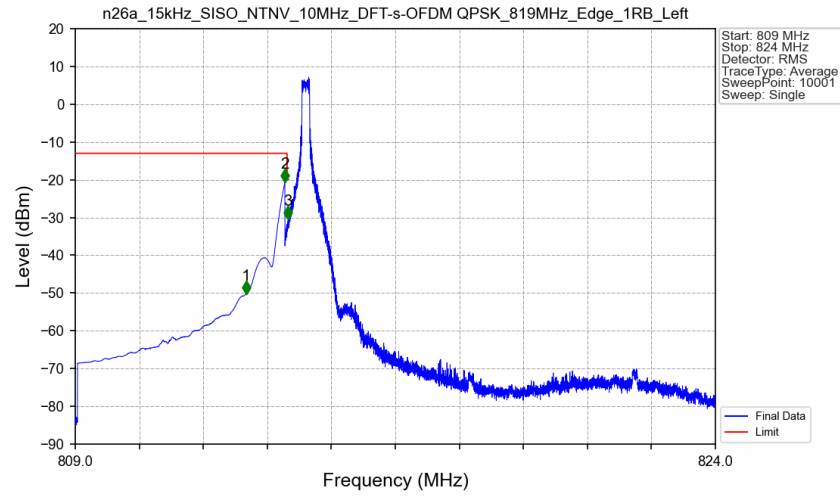
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.11	-13	Pass
1000	8240	1	/	2	1629.000	-39.33	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_819MHz_Outer_Full_Ant1



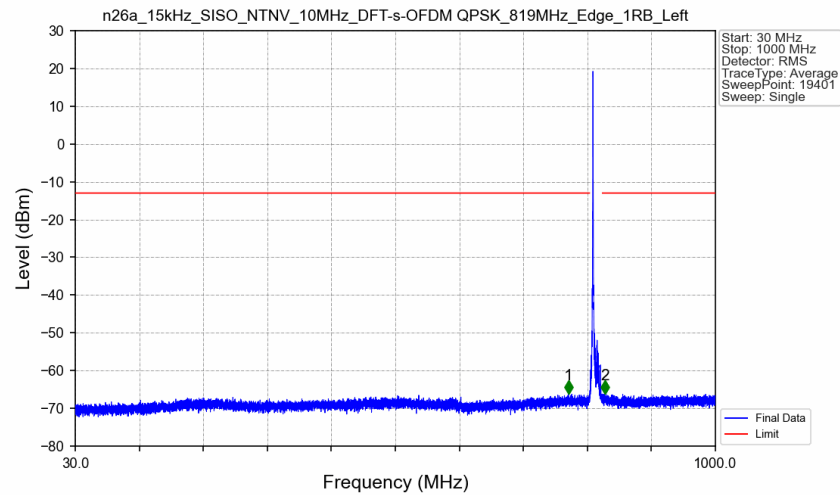
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.765	-44.52	-13	Pass
813	813.963	0.1	CHP	2	813.905	-31.94	-13	Pass
813.963	814	0.09941	CHP	3	813.980	-33.62	-20	Pass
814	824	0.09941	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



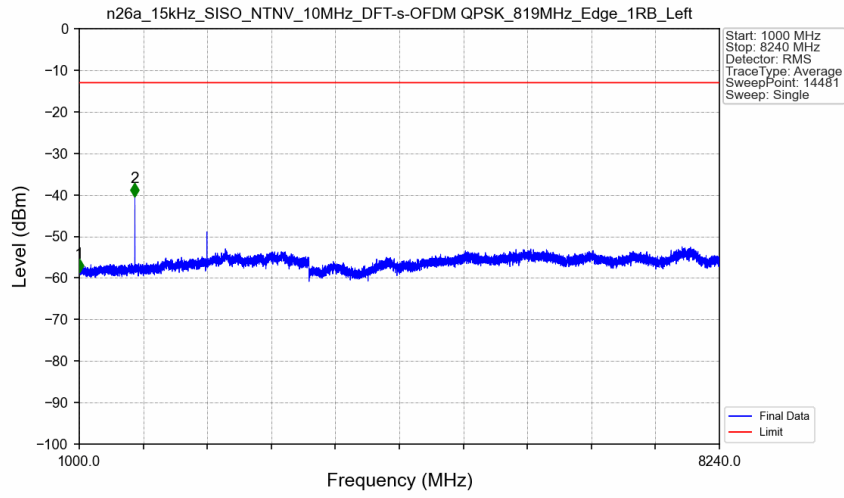
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.999	-50.27	-13	Pass
813	813.963	0.1	CHP	2	813.911	-20.66	-13	Pass
813.963	814	0.003	/	3	813.990	-30.53	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



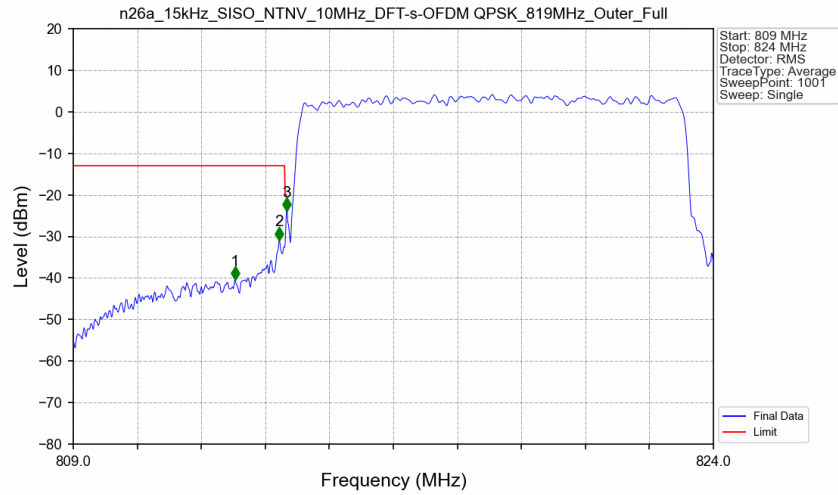
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	777.350	-66.18	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	832.650	-66.13	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



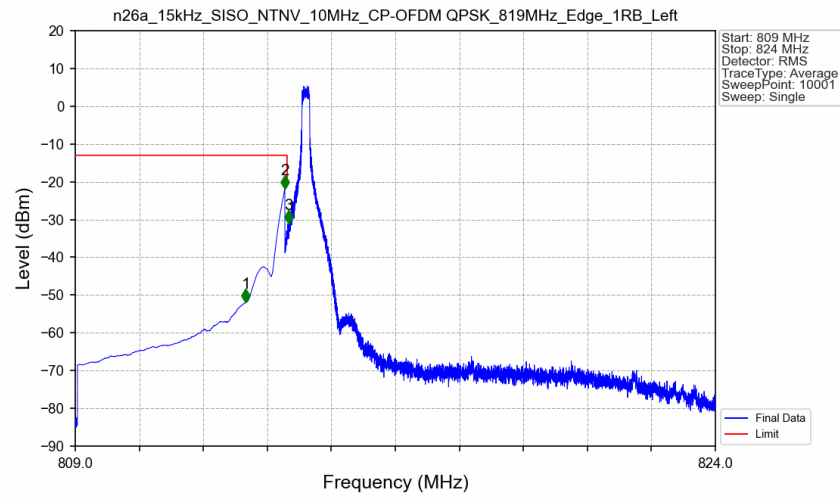
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.66	-13	Pass
1000	8240	1	/	2	1629.000	-40.46	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_819MHz_Outer_Full_Ant1



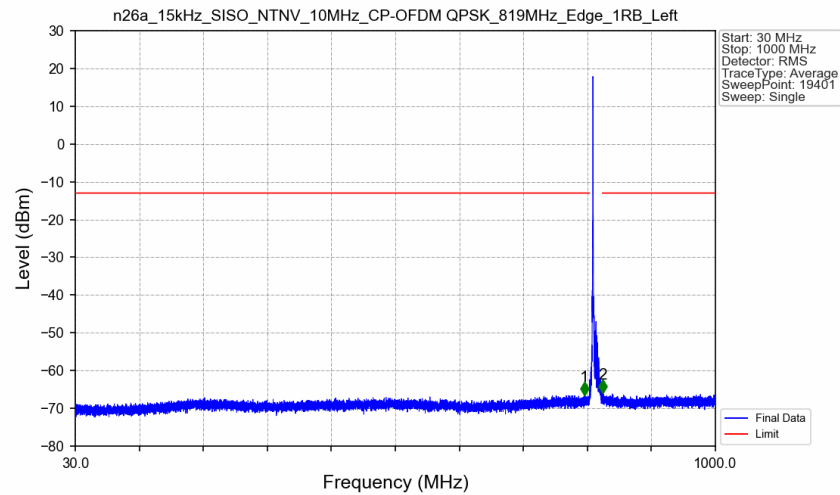
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	/	1	812.795	-40.39	-13	Pass
813	813.963	0.1	/	2	813.830	-30.86	-13	Pass
813.963	814	0.10072	/	3	813.995	-23.89	-20	Pass
814	824	0.10072	CHP	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



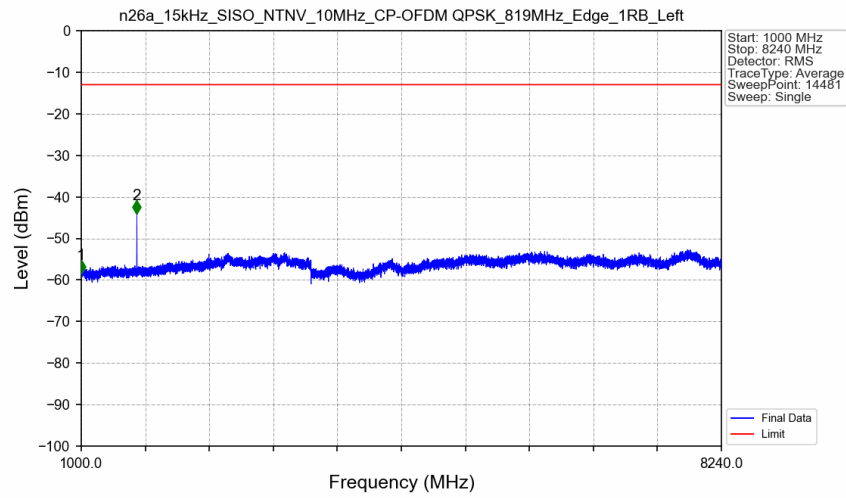
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.997	-51.93	-13	Pass
813	813.963	0.1	CHP	2	813.911	-21.87	-13	Pass
813.963	814	0.003	/	3	813.992	-31.07	-20	Pass
814	824	0.003	/	/	/	/	/	/

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_819MHz_Edge_1RB_Left_Ant1



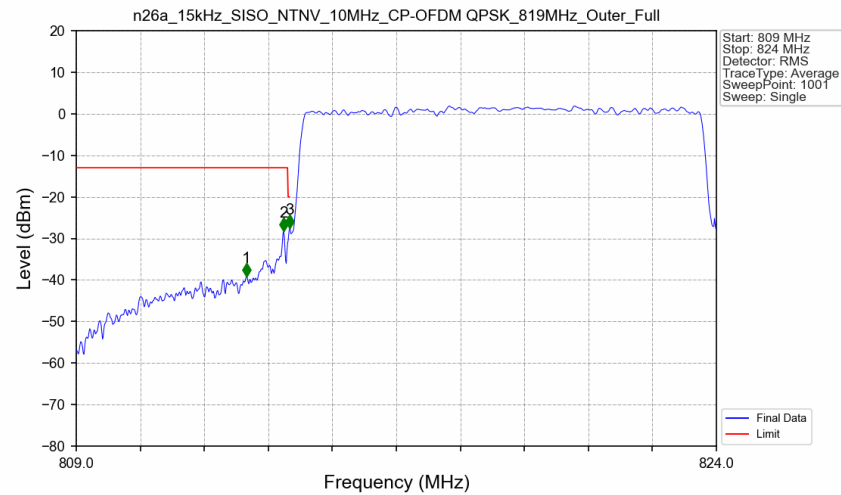
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	813	0.1	/	1	801.400	-66.46	-13	Pass
813	829	0.1	/	/	/	/	/	/
829	1000	0.1	/	2	829.100	-65.91	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 819MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.49	-13	Pass
1000	8240	1	/	2	1629.000	-43.96	-13	Pass

n26a_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 819MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	/	1	812.990	-39.16	-13	Pass
813	813.963	0.1	/	2	813.860	-28.19	-13	Pass
813.963	814	0.10336	/	3	813.995	-27.40	-20	Pass
814	824	0.10336	CHP	/	/	/	/	/

6. Field Strength of Spurious Radiation

NR N26a(814-824MHz)-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1619.0	-63.44	-13	-50.44	-66.41	2.61	5.58	Horizontal	Pass
2428.5	-61.01	-13	-48.01	-63.63	3.03	5.65	Horizontal	Pass
3238.0	-57.93	-13	-44.93	-62.18	3.27	7.52	Horizontal	Pass
1619.0	-63.93	-13	-50.93	-66.9	2.61	5.58	Vertical	Pass
2428.5	-62.13	-13	-49.13	-64.75	3.03	5.65	Vertical	Pass
3238.0	-58.2	-13	-45.2	-62.45	3.27	7.52	Vertical	Pass

NR N26a(814-824MHz)-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1629.0	-61.61	-13	-48.61	-64.54	2.62	5.55	Horizontal	Pass
2443.5	-61.41	-13	-48.41	-64.05	3.04	5.68	Horizontal	Pass
3258.0	-57.1	-13	-44.1	-61.38	3.28	7.56	Horizontal	Pass
1629.0	-64.26	-13	-51.26	-67.19	2.62	5.55	Vertical	Pass
2443.5	-60.78	-13	-47.78	-63.42	3.04	5.68	Vertical	Pass
3258.0	-58.95	-13	-45.95	-63.23	3.28	7.56	Vertical	Pass

NR N26a(814-824MHz)-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1639.0	-63.69	-13	-50.69	-66.6	2.62	5.53	Horizontal	Pass
2458.5	-61.06	-13	-48.06	-63.73	3.05	5.72	Horizontal	Pass
3278.0	-58.03	-13	-45.03	-62.36	3.29	7.62	Horizontal	Pass
1639.0	-63.58	-13	-50.58	-66.49	2.62	5.53	Vertical	Pass
2458.5	-61.55	-13	-48.55	-64.22	3.05	5.72	Vertical	Pass
3278.0	-58.25	-13	-45.25	-62.58	3.29	7.62	Vertical	Pass