1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n14 SCS=15kHz SISO 5MHz 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	790.5	Edge_1RB_Left	22.95	/	/	22.30	/	/	<=34.77	Pass
		Edge_1RB_Right	22.89	/	/	22.24	/	/	<=34.77	Pass
		Outer_Full	22.90	/	/	22.25	/	/	<=34.77	Pass
		Inner_Full	23.55	/	/	22.90	/	/	<=34.77	Pass
		Inner_1RB_Left	23.53	/	/	22.88	/	/	<=34.77	Pass
		Inner_1RB_Right	23.36	/	/	22.71	/	/	<=34.77	Pass
	793	Edge_1RB_Left	22.88	/	/	22.23	/	/	<=34.77	Pass
		Edge_1RB_Right	22.75	/	/	22.10	/	/	<=34.77	Pass
		Outer_Full	22.81	/	/	22.16	/	/	<=34.77	Pass
		Inner_Full	23.38	/	/	22.73	/	/	<=34.77	Pass
		Inner_1RB_Left	23.46	/	/	22.81	/	/	<=34.77	Pass
		Inner_1RB_Right	23.25	/	/	22.60	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	22.92	/	/	22.27	/	/	<=34.77	Pass
		Edge_1RB_Right	22.82	/	/	22.17	/	/	<=34.77	Pass
		Outer_Full	22.91	/	/	22.26	/	/	<=34.77	Pass
		Inner_Full	23.45	/	/	22.80	/	/	<=34.77	Pass
		Inner_1RB_Left	23.34	/	/	22.69	/	/	<=34.77	Pass
		Inner_1RB_Right	23.38	/	/	22.73	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	790.5	Edge_1RB_Left	22.43	/	/	21.78	/	/	<=34.77	Pass
		Edge_1RB_Right	22.40	/	/	21.75	/	/	<=34.77	Pass
		Outer_Full	22.39	/	/	21.74	/	/	<=34.77	Pass
		Inner_Full	23.41	/	/	22.76	/	/	<=34.77	Pass
		Inner_1RB_Left	23.41	/	/	22.76	/	/	<=34.77	Pass
		Inner_1RB_Right	23.31	/	/	22.66	/	/	<=34.77	Pass
	793	Edge_1RB_Left	22.44	/	/	21.79	/	/	<=34.77	Pass
		Edge_1RB_Right	22.30	/	/	21.65	/	/	<=34.77	Pass
		Outer_Full	22.22	/	/	21.57	/	/	<=34.77	Pass
		Inner_Full	23.34	/	/	22.69	/	/	<=34.77	Pass
		Inner_1RB_Left	23.39	/	/	22.74	/	/	<=34.77	Pass
		Inner_1RB_Right	23.29	/	/	22.64	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	22.33	/	/	21.68	/	/	<=34.77	Pass
		Edge_1RB_Right	22.29	/	/	21.64	/	/	<=34.77	Pass
		Outer_Full	22.28	/	/	21.63	/	/	<=34.77	Pass
		Inner_Full	23.36	/	/	22.71	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	22.65	/	/	<=34.77	Pass
		Inner_1RB_Right	23.35	/	/	22.70	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	790.5	Edge_1RB_Left	21.60	/	/	20.95	/	/	<=34.77	Pass
		Edge_1RB_Right	21.21	/	/	20.56	/	/	<=34.77	Pass
		Outer_Full	21.50	/	/	20.85	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	21.77	/	/	<=34.77	Pass
		Inner_1RB_Left	22.45	/	/	21.80	/	/	<=34.77	Pass
		Inner_1RB_Right	22.26	/	/	21.61	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.37	/	/	20.72	/	/	<=34.77	Pass
		Edge_1RB_Right	21.38	/	/	20.73	/	/	<=34.77	Pass
		Outer_Full	21.44	/	/	20.79	/	/	<=34.77	Pass
		Inner_Full	22.43	/	/	21.78	/	/	<=34.77	Pass
		Inner_1RB_Left	22.66	/	/	22.01	/	/	<=34.77	Pass

		Inner_1RB_Right	22.27	/	/	21.62	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	21.61	/	/	20.96	/	/	<=34.77	Pass
		Edge_1RB_Right	21.44	/	/	20.79	/	/	<=34.77	Pass
		Outer_Full	21.45	/	/	20.80	/	/	<=34.77	Pass
		Inner_Full	22.48	/	/	21.83	/	/	<=34.77	Pass
		Inner_1RB_Left	22.67	/	/	22.02	/	/	<=34.77	Pass
		Inner_1RB_Right	22.48	/	/	21.83	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	790.5	Edge_1RB_Left	20.83	/	/	20.18	/	/	<=34.77	Pass
		Edge_1RB_Right	20.88	/	/	20.23	/	/	<=34.77	Pass
		Outer_Full	20.77	/	/	20.12	/	/	<=34.77	Pass
		Inner_Full	21.02	/	/	20.37	/	/	<=34.77	Pass
		Inner_1RB_Left	20.82	/	/	20.17	/	/	<=34.77	Pass
		Inner_1RB_Right	20.47	/	/	19.82	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.95	/	/	20.30	/	/	<=34.77	Pass
		Edge_1RB_Right	20.85	/	/	20.20	/	/	<=34.77	Pass
		Outer_Full	20.83	/	/	20.18	/	/	<=34.77	Pass
		Inner_Full	20.80	/	/	20.15	/	/	<=34.77	Pass
		Inner_1RB_Left	21.00	/	/	20.35	/	/	<=34.77	Pass
		Inner_1RB_Right	20.64	/	/	19.99	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	20.63	/	/	19.98	/	/	<=34.77	Pass
		Edge_1RB_Right	20.95	/	/	20.30	/	/	<=34.77	Pass
		Outer_Full	20.83	/	/	20.18	/	/	<=34.77	Pass
		Inner_Full	20.92	/	/	20.27	/	/	<=34.77	Pass
		Inner_1RB_Left	20.94	/	/	20.29	/	/	<=34.77	Pass
		Inner_1RB_Right	21.04	/	/	20.39	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	790.5	Edge_1RB_Left	18.75	/	/	18.10	/	/	<=34.77	Pass
		Edge_1RB_Right	18.75	/	/	18.10	/	/	<=34.77	Pass
		Outer_Full	19.07	/	/	18.42	/	/	<=34.77	Pass
		Inner_Full	19.07	/	/	18.42	/	/	<=34.77	Pass
		Inner_1RB_Left	18.93	/	/	18.28	/	/	<=34.77	Pass
		Inner_1RB_Right	18.79	/	/	18.14	/	/	<=34.77	Pass
	793	Edge_1RB_Left	18.81	/	/	18.16	/	/	<=34.77	Pass
		Edge_1RB_Right	18.68	/	/	18.03	/	/	<=34.77	Pass
		Outer_Full	18.82	/	/	18.17	/	/	<=34.77	Pass
		Inner_Full	19.02	/	/	18.37	/	/	<=34.77	Pass
		Inner_1RB_Left	19.11	/	/	18.46	/	/	<=34.77	Pass
		Inner_1RB_Right	18.64	/	/	17.99	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	18.57	/	/	17.92	/	/	<=34.77	Pass
		Edge_1RB_Right	18.81	/	/	18.16	/	/	<=34.77	Pass
		Outer_Full	18.83	/	/	18.18	/	/	<=34.77	Pass
		Inner_Full	18.88	/	/	18.23	/	/	<=34.77	Pass
		Inner_1RB_Left	18.76	/	/	18.11	/	/	<=34.77	Pass
		Inner_1RB_Right	19.00	/	/	18.35	/	/	<=34.77	Pass
CP-OFDM QPSK	790.5	Edge_1RB_Left	20.36	/	/	19.71	/	/	<=34.77	Pass
		Edge_1RB_Right	20.26	/	/	19.61	/	/	<=34.77	Pass
		Outer_Full	20.48	/	/	19.83	/	/	<=34.77	Pass
		Inner_Full	22.01	/	/	21.36	/	/	<=34.77	Pass
		Inner_1RB_Left	22.27	/	/	21.62	/	/	<=34.77	Pass
		Inner_1RB_Right	22.06	/	/	21.41	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.47	/	/	19.82	/	/	<=34.77	Pass
		Edge_1RB_Right	20.24	/	/	19.59	/	/	<=34.77	Pass
		Outer_Full	20.33	/	/	19.68	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	21.27	/	/	<=34.77	Pass
		Inner_1RB_Left	21.79	/	/	21.14	/	/	<=34.77	Pass
		Inner_1RB_Right	21.84	/	/	21.19	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	20.55	/	/	19.90	/	/	<=34.77	Pass
		Edge_1RB_Right	20.33	/	/	19.68	/	/	<=34.77	Pass
		Outer_Full	20.51	/	/	19.86	/	/	<=34.77	Pass
		Inner_Full	22.03	/	/	21.38	/	/	<=34.77	Pass

		Inner_1RB_Left	22.06	/	/	21.41	/	/	<=34.77	Pass
		Inner_1RB_Right	22.02	/	/	21.37	/	/	<=34.77	Pass
CP-OFDM 16 QAM	790.5	Edge_1RB_Left	20.53	/	/	19.88	/	/	<=34.77	Pass
		Edge_1RB_Right	20.18	/	/	19.53	/	/	<=34.77	Pass
		Outer_Full	20.54	/	/	19.89	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	20.75	/	/	<=34.77	Pass
		Inner_1RB_Left	21.48	/	/	20.83	/	/	<=34.77	Pass
		Inner_1RB_Right	21.46	/	/	20.81	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.37	/	/	19.72	/	/	<=34.77	Pass
		Edge_1RB_Right	20.53	/	/	19.88	/	/	<=34.77	Pass
		Outer_Full	20.38	/	/	19.73	/	/	<=34.77	Pass
		Inner_Full	21.21	/	/	20.56	/	/	<=34.77	Pass
		Inner_1RB_Left	21.34	/	/	20.69	/	/	<=34.77	Pass
		Inner_1RB_Right	21.30	/	/	20.65	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	20.58	/	/	19.93	/	/	<=34.77	Pass
		Edge_1RB_Right	20.26	/	/	19.61	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	19.76	/	/	<=34.77	Pass
		Inner_Full	21.38	/	/	20.73	/	/	<=34.77	Pass
		Inner_1RB_Left	21.48	/	/	20.83	/	/	<=34.77	Pass
		Inner_1RB_Right	21.46	/	/	20.81	/	/	<=34.77	Pass
CP-OFDM 64 QAM	790.5	Edge_1RB_Left	20.09	/	/	19.44	/	/	<=34.77	Pass
		Edge_1RB_Right	19.83	/	/	19.18	/	/	<=34.77	Pass
		Outer_Full	20.00	/	/	19.35	/	/	<=34.77	Pass
		Inner_Full	19.90	/	/	19.25	/	/	<=34.77	Pass
		Inner_1RB_Left	20.05	/	/	19.40	/	/	<=34.77	Pass
		Inner_1RB_Right	20.28	/	/	19.63	/	/	<=34.77	Pass
	793	Edge_1RB_Left	19.69	/	/	19.04	/	/	<=34.77	Pass
		Edge_1RB_Right	19.67	/	/	19.02	/	/	<=34.77	Pass
		Outer_Full	19.80	/	/	19.15	/	/	<=34.77	Pass
		Inner_Full	19.82	/	/	19.17	/	/	<=34.77	Pass
		Inner_1RB_Left	20.01	/	/	19.36	/	/	<=34.77	Pass
		Inner_1RB_Right	19.81	/	/	19.16	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	20.13	/	/	19.48	/	/	<=34.77	Pass
		Edge_1RB_Right	19.88	/	/	19.23	/	/	<=34.77	Pass
		Outer_Full	19.80	/	/	19.15	/	/	<=34.77	Pass
		Inner_Full	19.89	/	/	19.24	/	/	<=34.77	Pass
		Inner_1RB_Left	19.89	/	/	19.24	/	/	<=34.77	Pass
		Inner_1RB_Right	20.07	/	/	19.42	/	/	<=34.77	Pass
CP-OFDM 256 QAM	790.5	Edge_1RB_Left	16.81	/	/	16.16	/	/	<=34.77	Pass
		Edge_1RB_Right	16.75	/	/	16.10	/	/	<=34.77	Pass
		Outer_Full	16.94	/	/	16.29	/	/	<=34.77	Pass
		Inner_Full	17.00	/	/	16.35	/	/	<=34.77	Pass
		Inner_1RB_Left	16.63	/	/	15.98	/	/	<=34.77	Pass
		Inner_1RB_Right	17.11	/	/	16.46	/	/	<=34.77	Pass
	793	Edge_1RB_Left	16.89	/	/	16.24	/	/	<=34.77	Pass
		Edge_1RB_Right	16.60	/	/	15.95	/	/	<=34.77	Pass
		Outer_Full	16.87	/	/	16.22	/	/	<=34.77	Pass
		Inner_Full	16.97	/	/	16.32	/	/	<=34.77	Pass
		Inner_1RB_Left	16.91	/	/	16.26	/	/	<=34.77	Pass
		Inner_1RB_Right	16.83	/	/	16.18	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	17.13	/	/	16.48	/	/	<=34.77	Pass
		Edge_1RB_Right	16.82	/	/	16.17	/	/	<=34.77	Pass
		Outer_Full	16.88	/	/	16.23	/	/	<=34.77	Pass
		Inner_Full	16.96	/	/	16.31	/	/	<=34.77	Pass
		Inner_1RB_Left	17.19	/	/	16.54	/	/	<=34.77	Pass
		Inner_1RB_Right	16.85	/	/	16.20	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 1.50dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n14 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	793	Edge_1RB_Left	22.89	/	/	22.24	/	/	<=34.77	Pass
		Edge_1RB_Right	22.71	/	/	22.06	/	/	<=34.77	Pass
		Outer_Full	22.87	/	/	22.22	/	/	<=34.77	Pass
		Inner_Full	23.53	/	/	22.88	/	/	<=34.77	Pass
		Inner_1RB_Left	23.48	/	/	22.83	/	/	<=34.77	Pass
		Inner_1RB_Right	23.32	/	/	22.67	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	793	Edge_1RB_Left	22.36	/	/	21.71	/	/	<=34.77	Pass
		Edge_1RB_Right	22.30	/	/	21.65	/	/	<=34.77	Pass
		Outer_Full	22.26	/	/	21.61	/	/	<=34.77	Pass
		Inner_Full	23.46	/	/	22.81	/	/	<=34.77	Pass
		Inner_1RB_Left	23.45	/	/	22.80	/	/	<=34.77	Pass
		Inner_1RB_Right	23.34	/	/	22.69	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	793	Edge_1RB_Left	21.66	/	/	21.01	/	/	<=34.77	Pass
		Edge_1RB_Right	21.24	/	/	20.59	/	/	<=34.77	Pass
		Outer_Full	21.28	/	/	20.63	/	/	<=34.77	Pass
		Inner_Full	22.31	/	/	21.66	/	/	<=34.77	Pass
		Inner_1RB_Left	22.44	/	/	21.79	/	/	<=34.77	Pass
		Inner_1RB_Right	22.50	/	/	21.85	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	793	Edge_1RB_Left	20.89	/	/	20.24	/	/	<=34.77	Pass
		Edge_1RB_Right	20.85	/	/	20.20	/	/	<=34.77	Pass
		Outer_Full	20.81	/	/	20.16	/	/	<=34.77	Pass
		Inner_Full	20.83	/	/	20.18	/	/	<=34.77	Pass
		Inner_1RB_Left	21.02	/	/	20.37	/	/	<=34.77	Pass
		Inner_1RB_Right	20.85	/	/	20.20	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	793	Edge_1RB_Left	18.85	/	/	18.20	/	/	<=34.77	Pass
		Edge_1RB_Right	18.50	/	/	17.85	/	/	<=34.77	Pass
		Outer_Full	18.91	/	/	18.26	/	/	<=34.77	Pass
		Inner_Full	18.94	/	/	18.29	/	/	<=34.77	Pass
		Inner_1RB_Left	18.83	/	/	18.18	/	/	<=34.77	Pass
		Inner_1RB_Right	18.75	/	/	18.10	/	/	<=34.77	Pass
CP-OFDM QPSK	793	Edge_1RB_Left	20.39	/	/	19.74	/	/	<=34.77	Pass
		Edge_1RB_Right	20.29	/	/	19.64	/	/	<=34.77	Pass
		Outer_Full	20.38	/	/	19.73	/	/	<=34.77	Pass
		Inner_Full	21.91	/	/	21.26	/	/	<=34.77	Pass
		Inner_1RB_Left	22.34	/	/	21.69	/	/	<=34.77	Pass
		Inner_1RB_Right	21.81	/	/	21.16	/	/	<=34.77	Pass
CP-OFDM 16 QAM	793	Edge_1RB_Left	20.37	/	/	19.72	/	/	<=34.77	Pass
		Edge_1RB_Right	20.28	/	/	19.63	/	/	<=34.77	Pass
		Outer_Full	20.34	/	/	19.69	/	/	<=34.77	Pass
		Inner_Full	21.41	/	/	20.76	/	/	<=34.77	Pass
		Inner_1RB_Left	21.73	/	/	21.08	/	/	<=34.77	Pass
		Inner_1RB_Right	21.26	/	/	20.61	/	/	<=34.77	Pass
CP-OFDM 64 QAM	793	Edge_1RB_Left	20.02	/	/	19.37	/	/	<=34.77	Pass
		Edge_1RB_Right	19.99	/	/	19.34	/	/	<=34.77	Pass
		Outer_Full	19.78	/	/	19.13	/	/	<=34.77	Pass
		Inner_Full	19.90	/	/	19.25	/	/	<=34.77	Pass
		Inner_1RB_Left	19.78	/	/	19.13	/	/	<=34.77	Pass
		Inner_1RB_Right	19.94	/	/	19.29	/	/	<=34.77	Pass
CP-OFDM 256 QAM	793	Edge_1RB_Left	16.94	/	/	16.29	/	/	<=34.77	Pass
		Edge_1RB_Right	16.67	/	/	16.02	/	/	<=34.77	Pass
		Outer_Full	16.92	/	/	16.27	/	/	<=34.77	Pass
		Inner_Full	16.86	/	/	16.21	/	/	<=34.77	Pass
		Inner_1RB_Left	17.19	/	/	16.54	/	/	<=34.77	Pass
		Inner_1RB_Right	16.89	/	/	16.24	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 1.50dBi;										

Note2: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_10MHz

5G NR n14 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	793	Outer_Full	20	LV	2.10	0.0026	>=-2.5 & <=2.5	Pass
				HV	3.70	0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	2.10	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	3.00	0.0038	>=-2.5 & <=2.5	Pass
			10	NV	5.90	0.0074	>=-2.5 & <=2.5	Pass
			20	NV	3.20	0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	3.20	0.0040	>=-2.5 & <=2.5	Pass
			50	NV	3.60	0.0045	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n14 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	793	Outer_Full	4.55	5.34	/	Pass
DFT-s-OFDM QPSK	793	Outer_Full	4.53	5.37	/	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	4.55	5.29	/	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	4.56	5.33	/	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	4.54	5.31	/	Pass
CP-OFDM QPSK	793	Outer_Full	4.54	5.32	/	Pass
CP-OFDM 16 QAM	793	Outer_Full	4.54	5.28	/	Pass
CP-OFDM 64 QAM	793	Outer_Full	4.54	5.22	/	Pass
CP-OFDM 256 QAM	793	Outer_Full	4.54	5.25	/	Pass

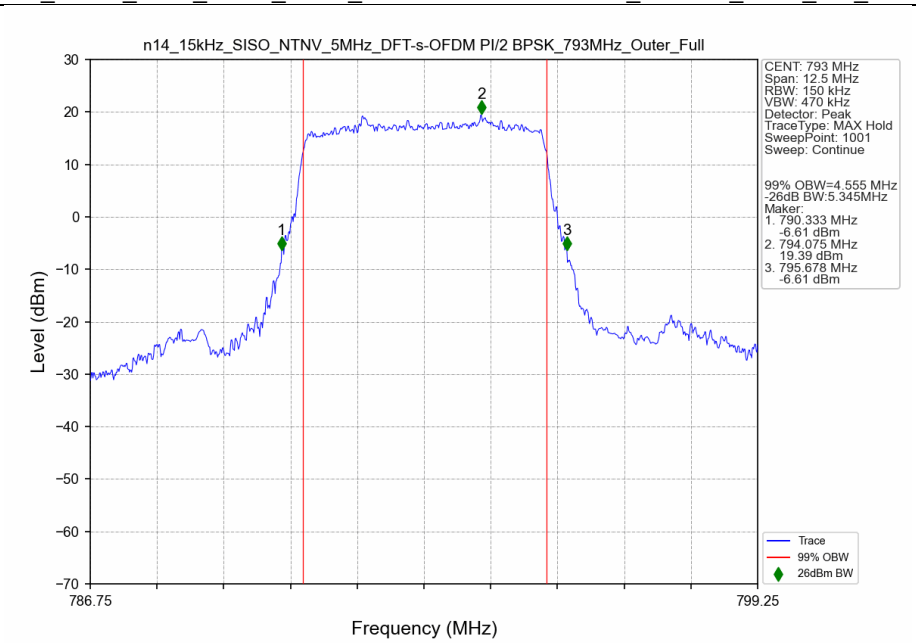
3.1.2 15k_SISO_10MHz_NTNV

5G NR n14 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	793	Outer_Full	9.00	9.94	/	Pass
DFT-s-OFDM QPSK	793	Outer_Full	9.01	9.94	/	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	9.03	9.93	/	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	9.00	9.88	/	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	9.00	10.01	/	Pass
CP-OFDM QPSK	793	Outer_Full	9.34	10.37	/	Pass
CP-OFDM 16 QAM	793	Outer_Full	9.35	10.28	/	Pass
CP-OFDM 64 QAM	793	Outer_Full	9.37	10.35	/	Pass
CP-OFDM 256 QAM	793	Outer_Full	9.34	10.36	/	Pass

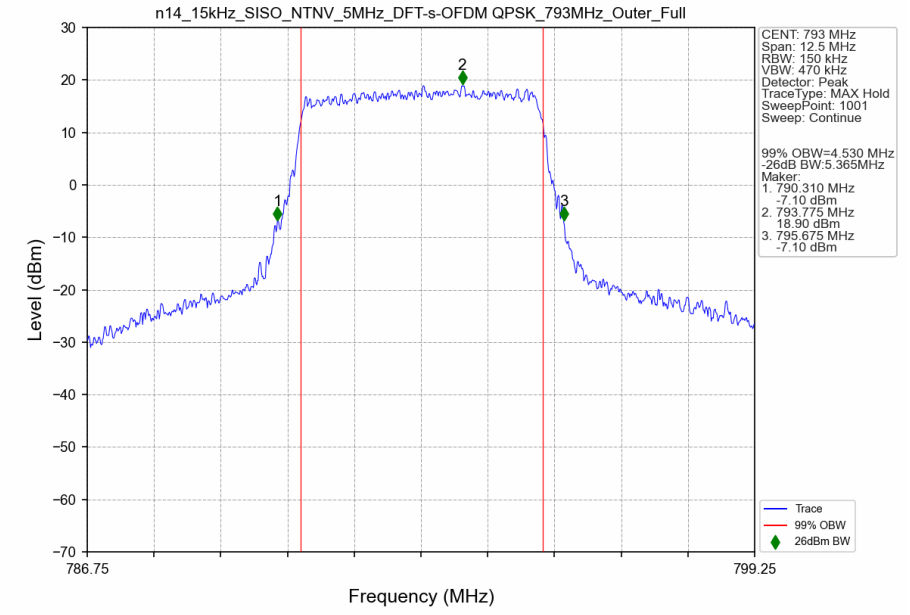
3.2 Test Graph

3.2.1 15k_SISO_5MHz_NTNV

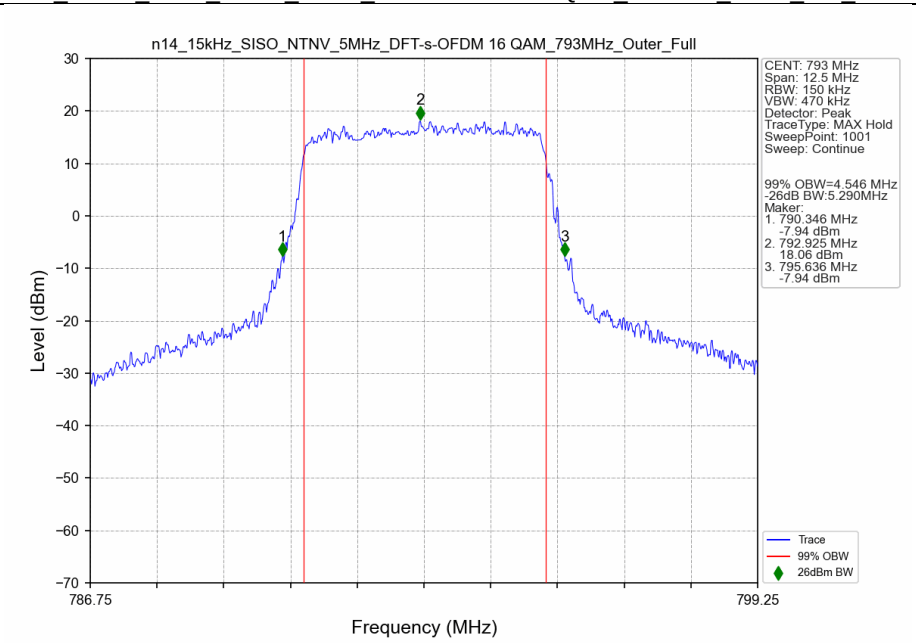
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full_Ant1



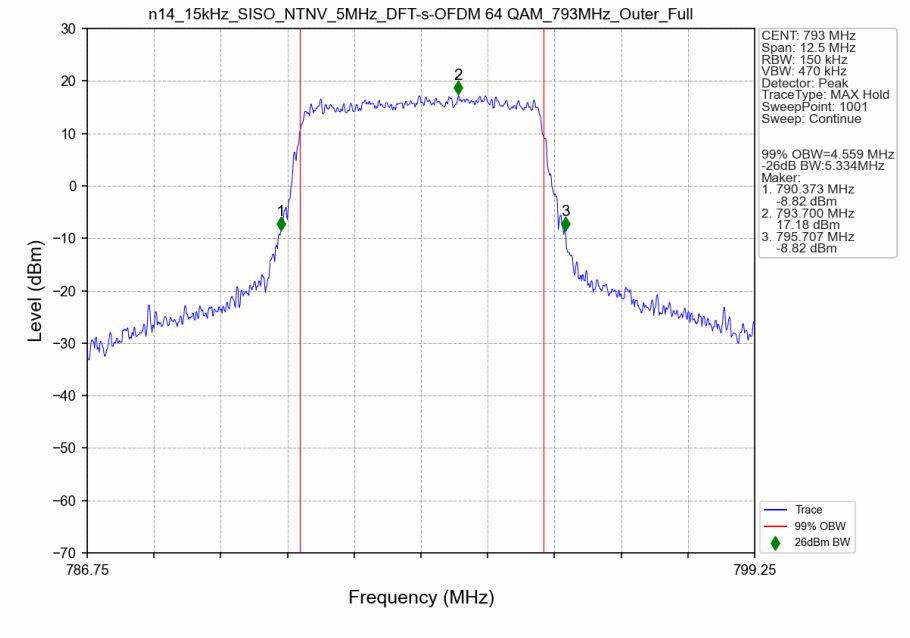
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_793MHz_Outer_Full_Ant1



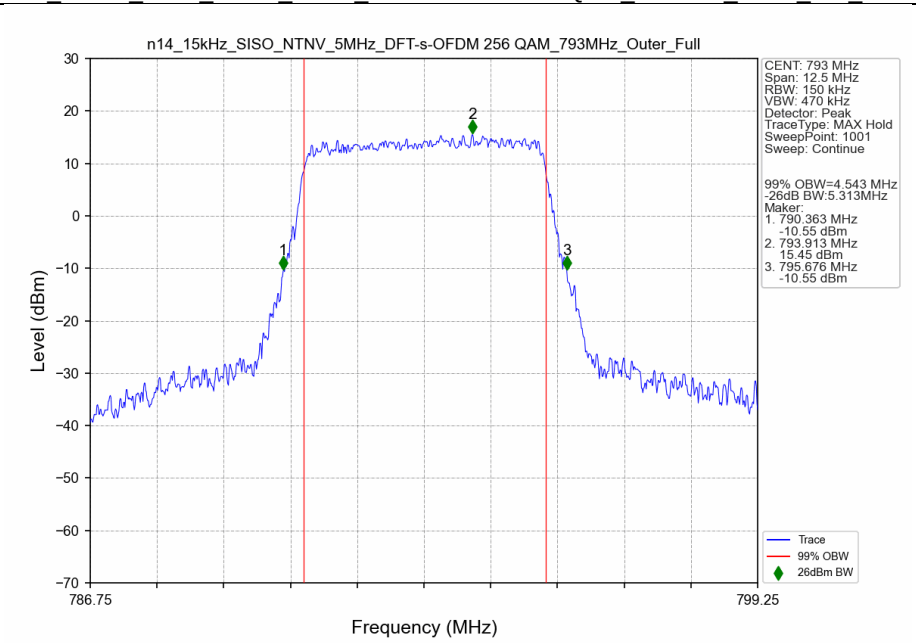
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_793MHz_Outer_Full_Ant1



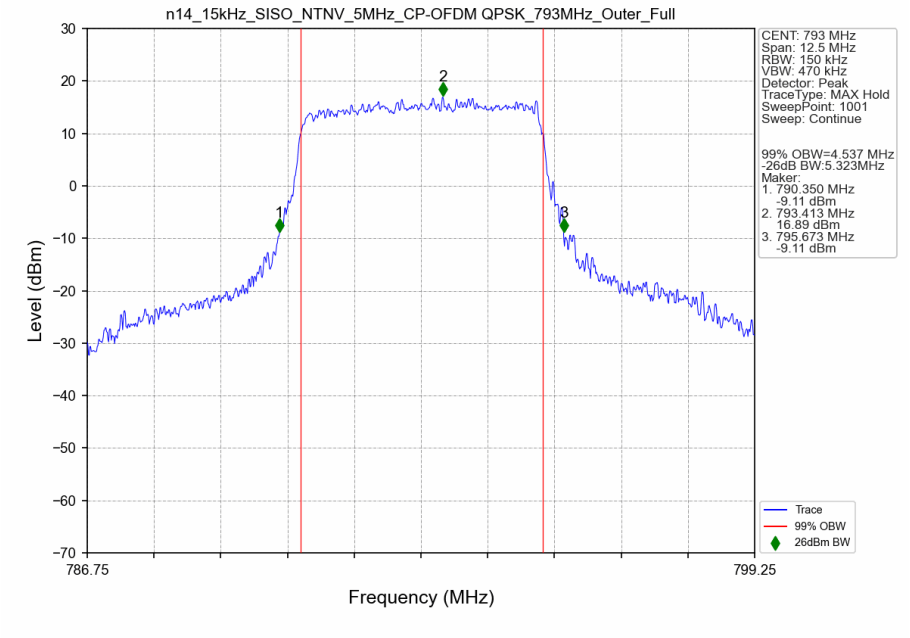
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_793MHz_Outer_Full_Ant1



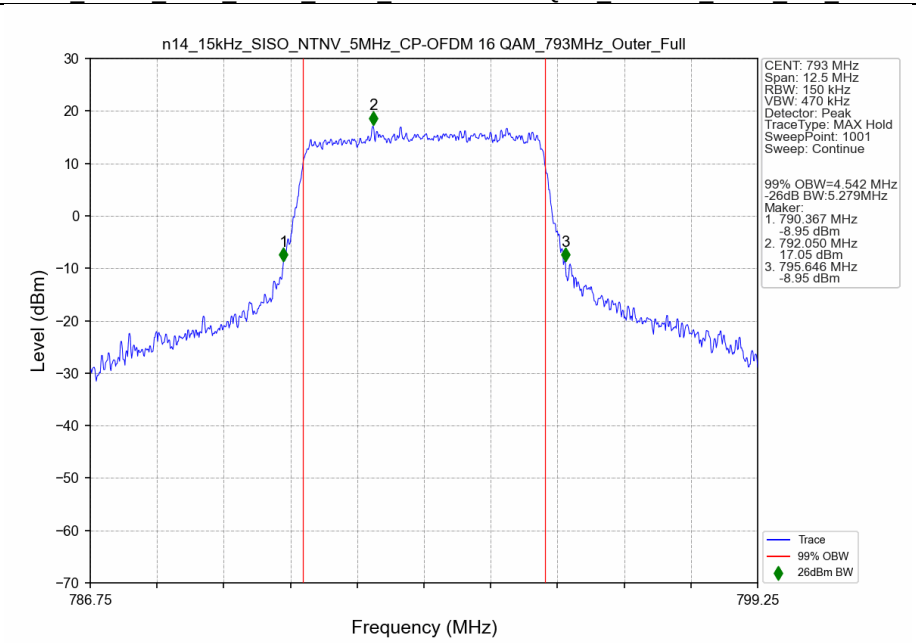
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_793MHz_Outer_Full_Ant1



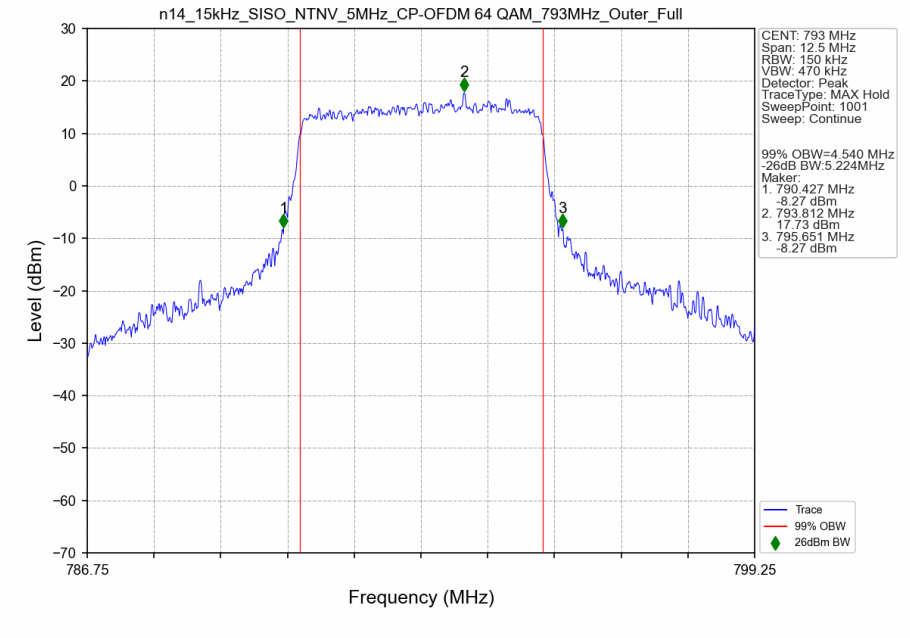
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_793MHz_Outer_Full_Ant1



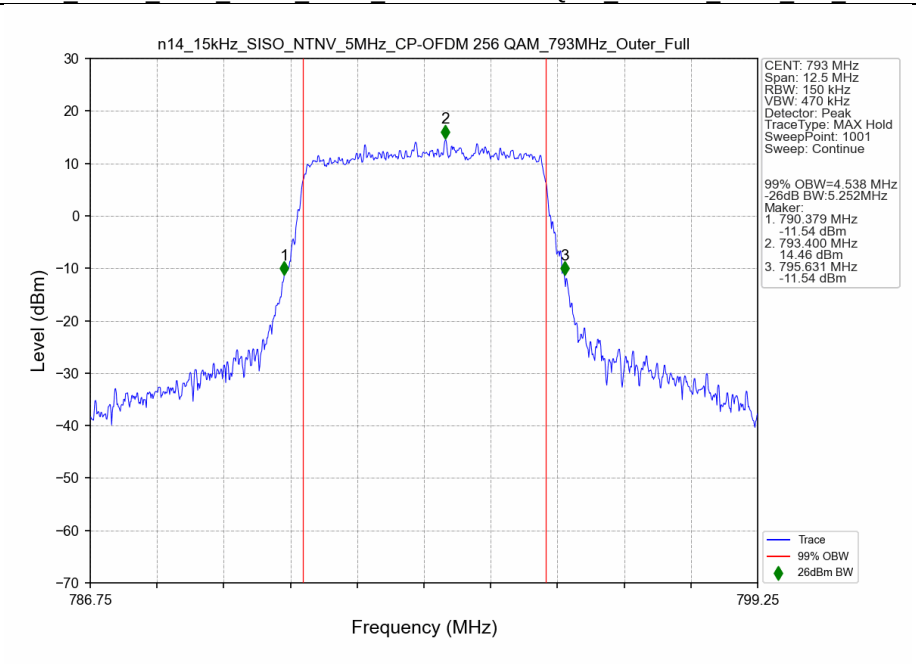
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_793MHz_Outer_Full_Ant1



n14_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_793MHz_Outer_Full_Ant1

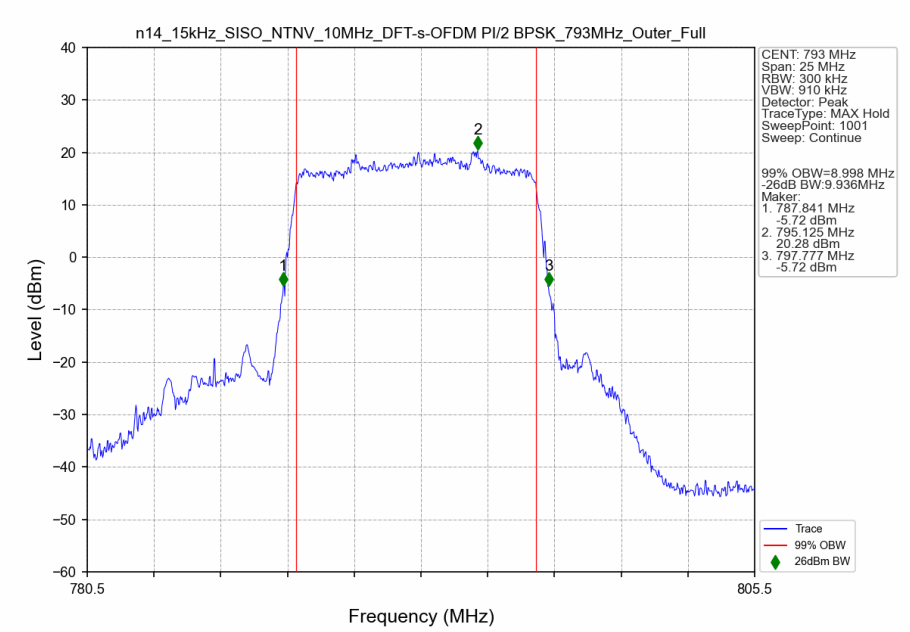


n14_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_793MHz_Outer_Full_Ant1

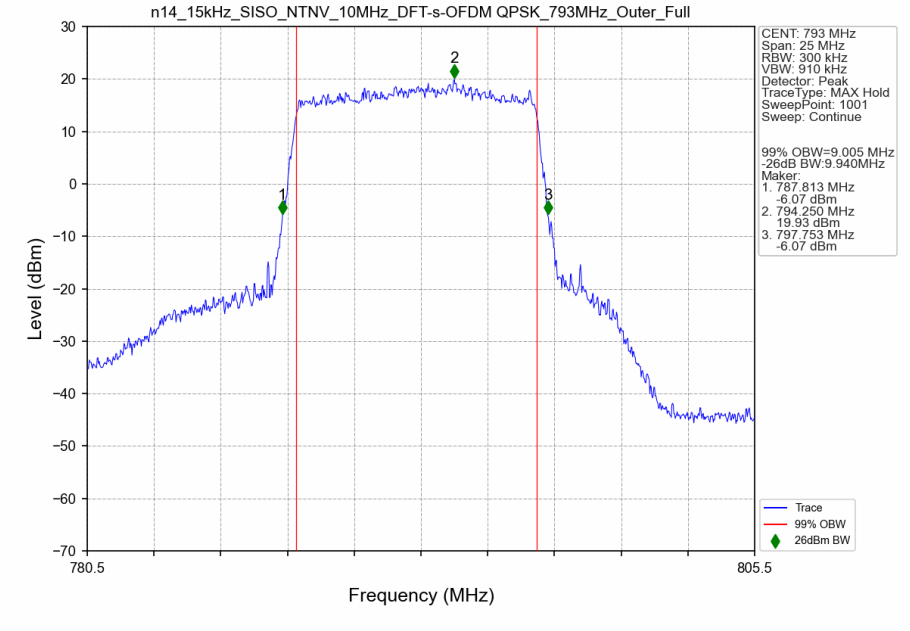


3.2.2 15k_SISO_10MHz_NTNV

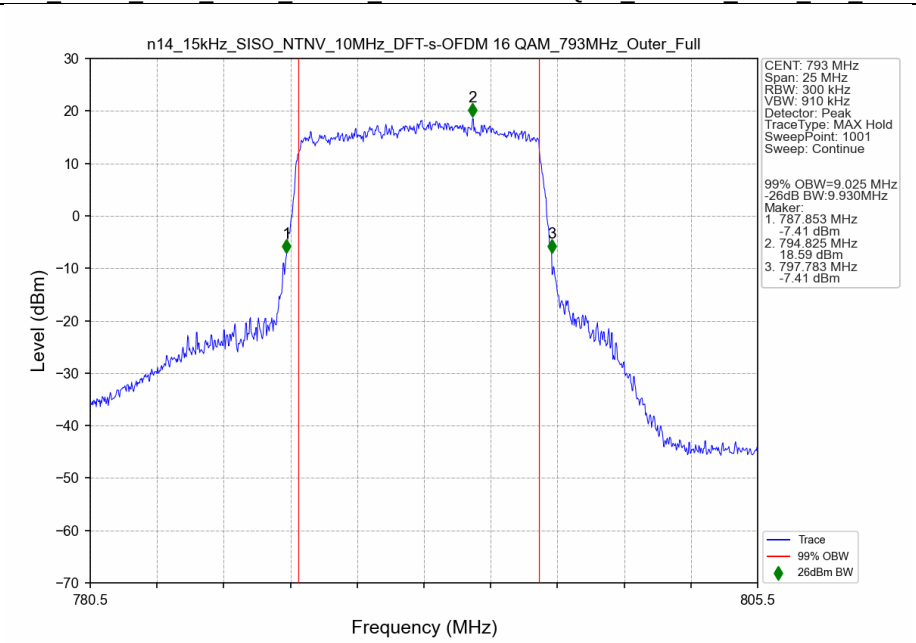
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full_Ant1



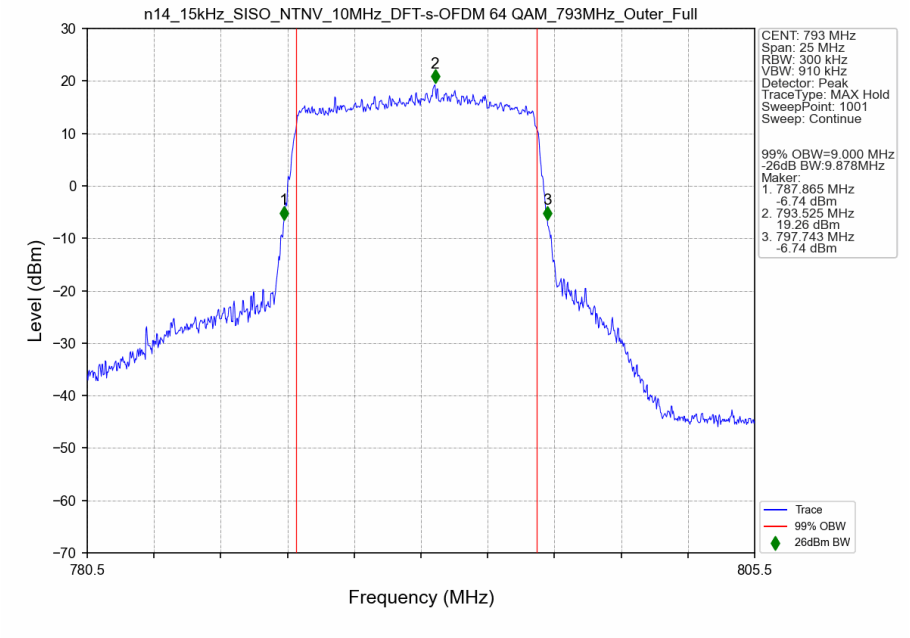
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Outer_Full_Ant1



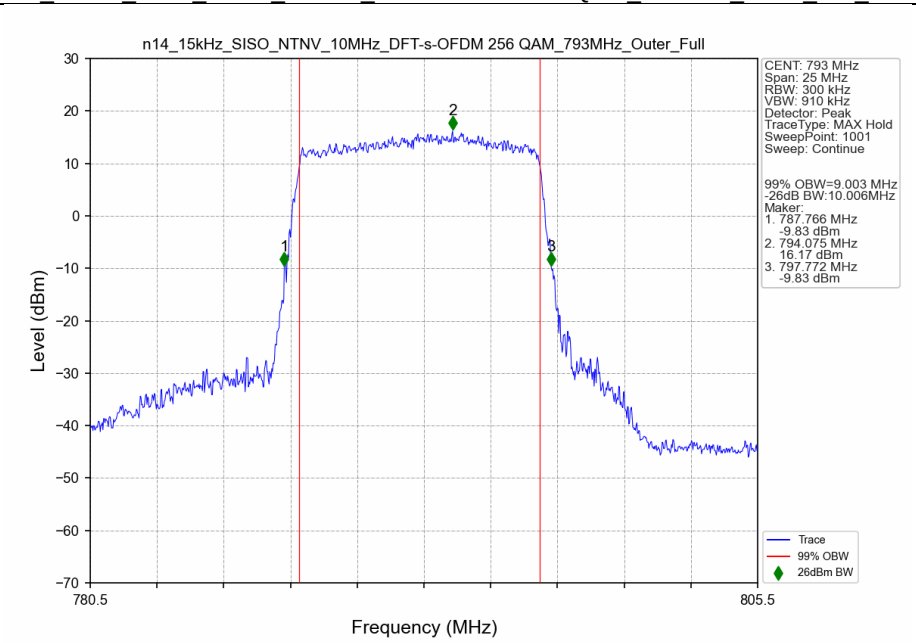
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_793MHz_Outer_Full_Ant1



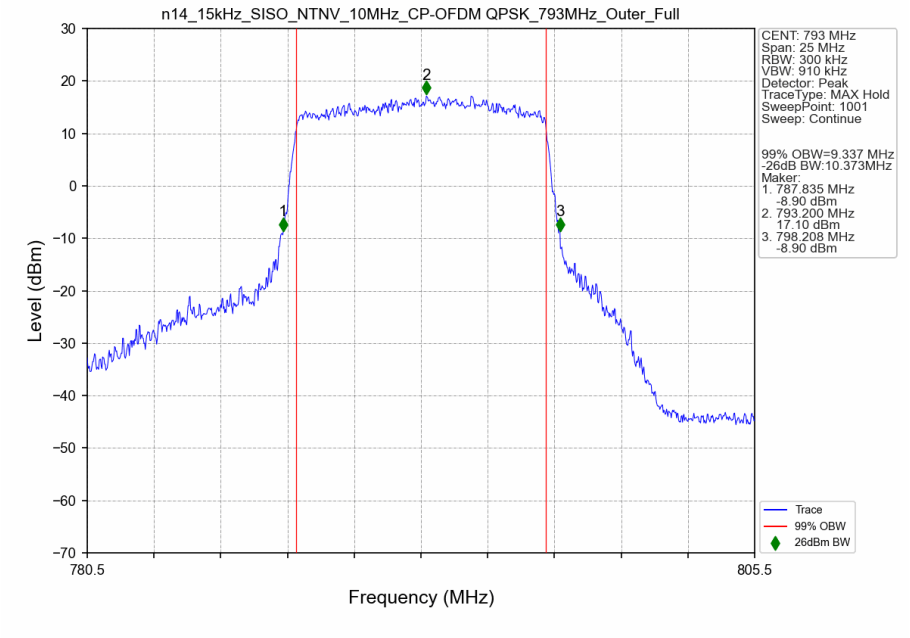
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_793MHz_Outer_Full_Ant1



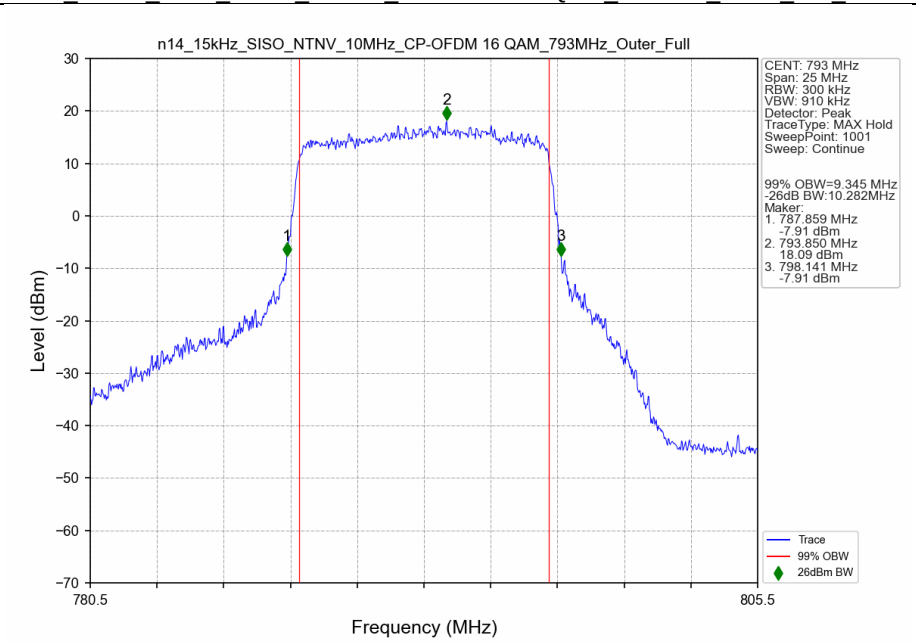
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_793MHz_Outer_Full_Ant1



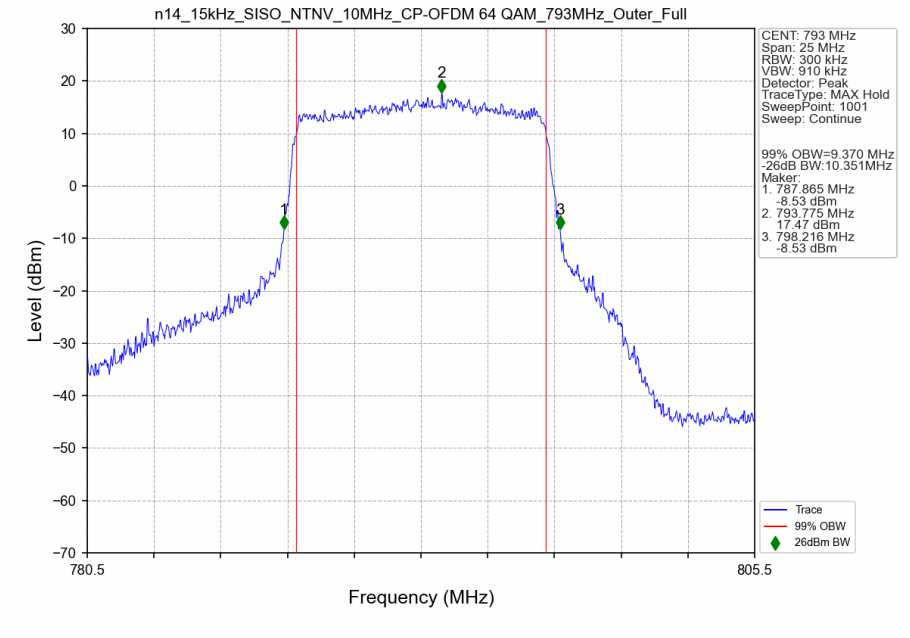
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Outer_Full_Ant1



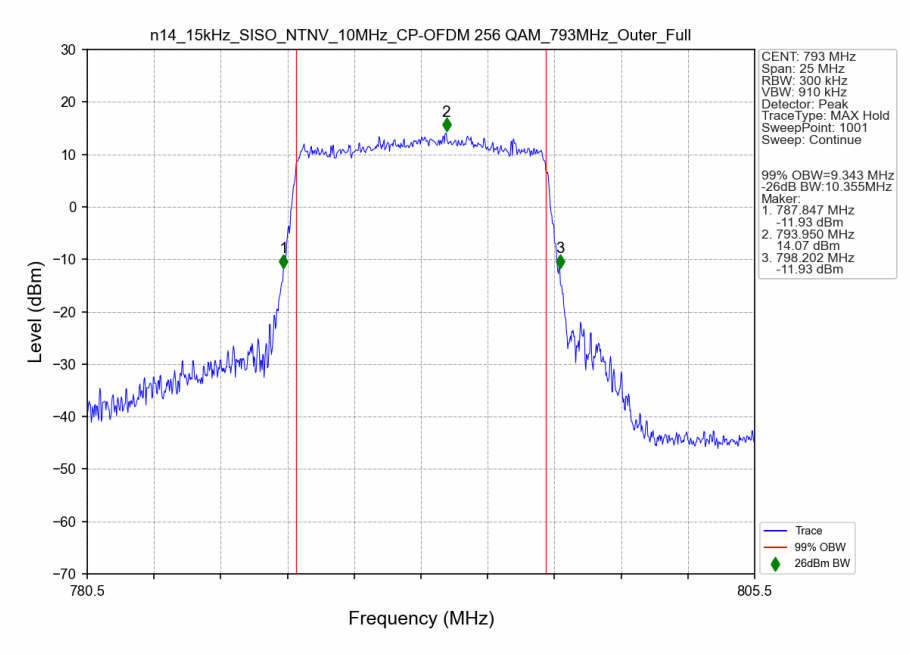
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_793MHz_Outer_Full_Ant1



n14_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_793MHz_Outer_Full_Ant1



n14_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_793MHz_Outer_Full_Ant1



4. Peak-Average Ratio

4.1 Test Result

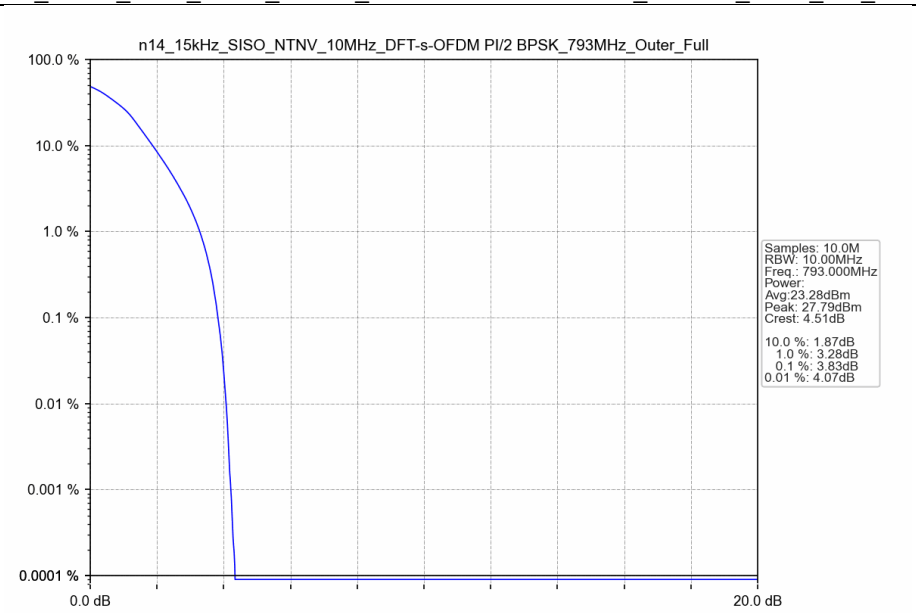
4.1.1 15k_SISO_10MHz_NTNV

5G NR n14 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	793	Outer_Full	3.83	/	/	<=13	Pass
DFT-s-OFDM QPSK	793	Outer_Full	4.45	/	/	<=13	Pass
CP-OFDM QPSK	793	Outer_Full	6.49	/	/	<=13	Pass

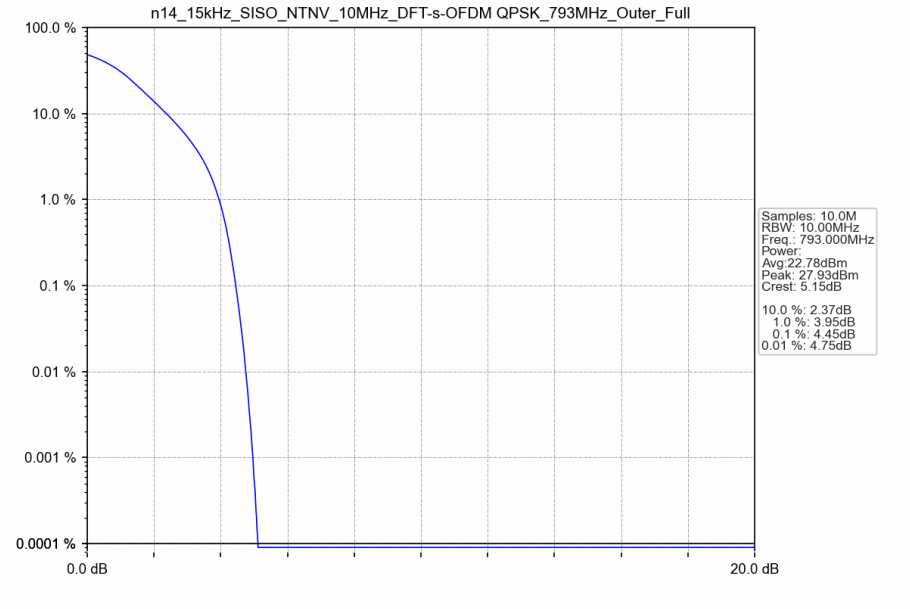
4.2 Test Graph

4.2.1 15k_SISO_10MHz_NTNV

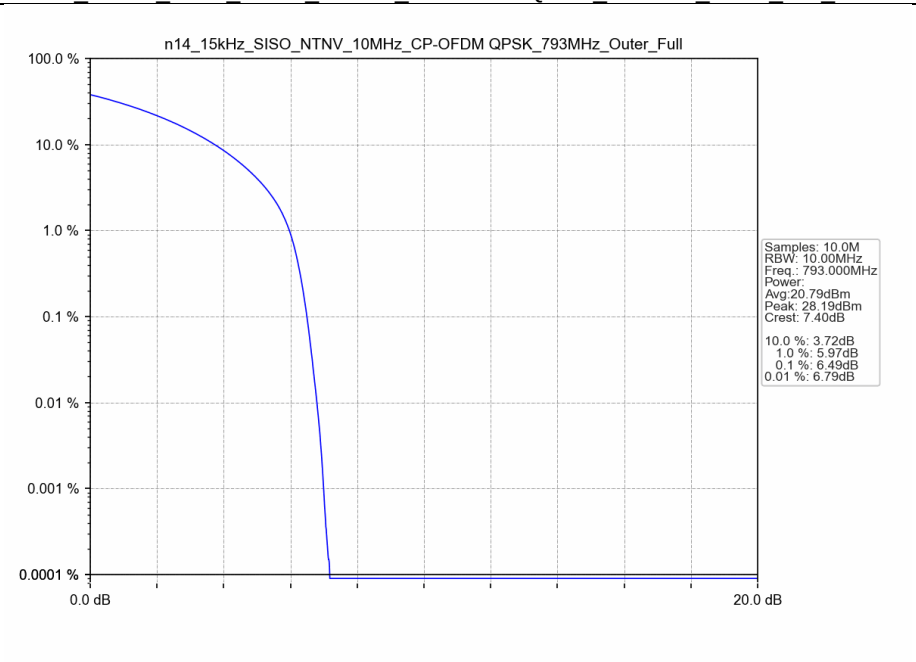
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full_Ant1



n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Outer_Full_Ant1



n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Outer_Full_Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n14 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	790.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	793	Edge_1RB_Left	Refer To Test Graph				Pass
	795.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	790.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	793	Edge_1RB_Left	Refer To Test Graph				Pass
	795.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	790.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	793	Edge_1RB_Left	Refer To Test Graph				Pass
	795.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

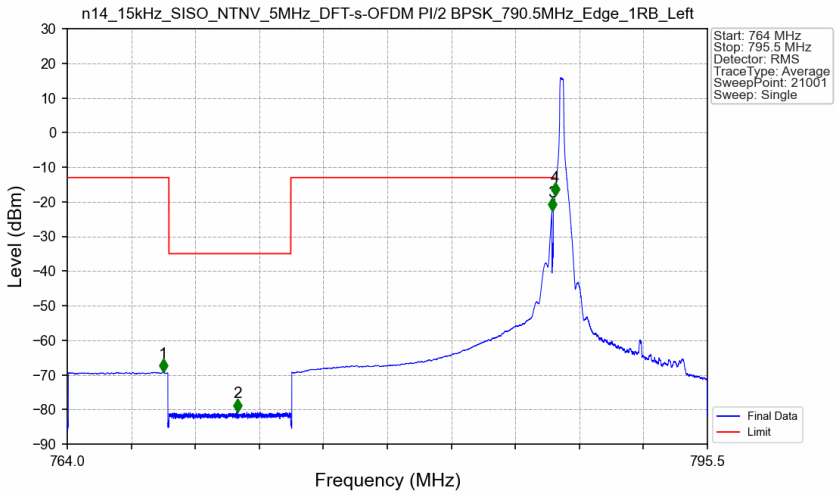
5.1.2 15k_SISO_10MHz_NTNV

5G NR n14 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	793	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	793	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	793	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

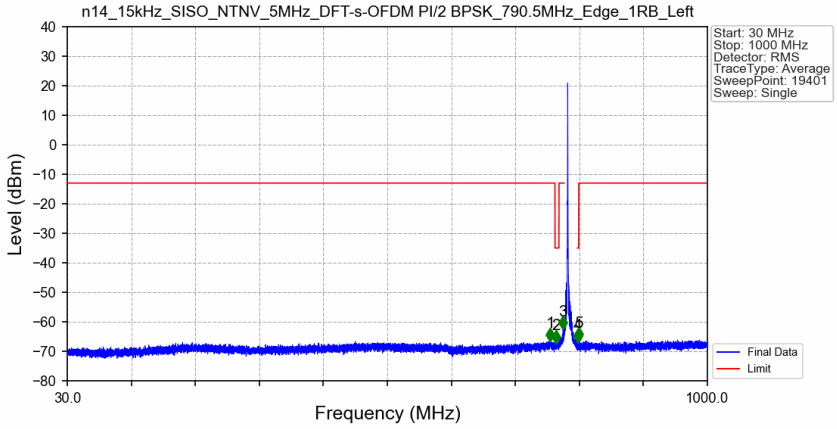
5.2.1 15k_SISO_5MHz_NTNV

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_790.5MHz_Edge_1RB_Left_Ant1



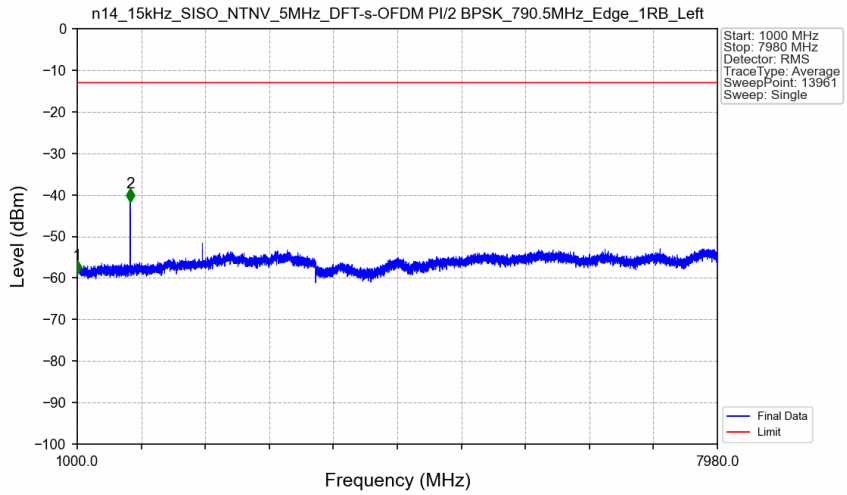
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	768.722	-69.25	-13	Pass
769	775	0.00625	CHP	2	772.369	-80.65	-35	Pass
775	787.9	0.1	CHP	3	787.848	-22.70	-13	Pass
787.9	788	0.03	CHP	4	787.999	-18.32	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_790.5MHz_Edge_1RB_Left_Ant1



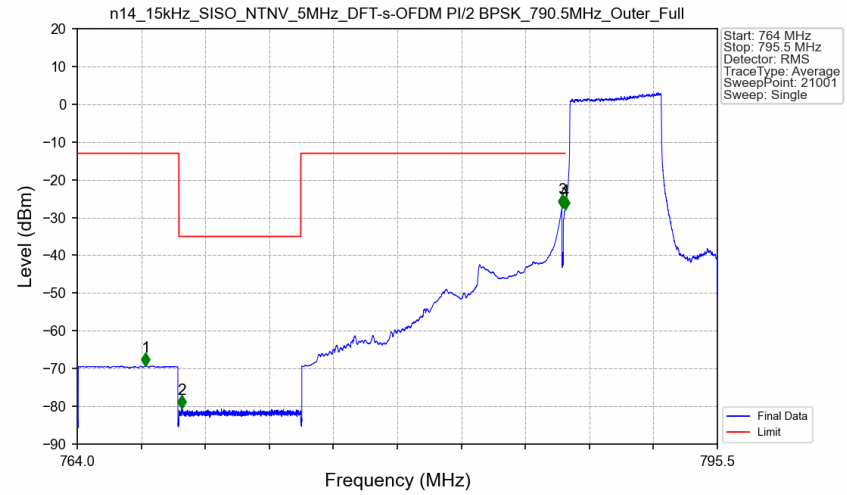
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	761.900	-66.18	-13	Pass
769	775	0.1	/	2	771.200	-66.95	-35	Pass
775	787.9	0.1	/	3	781.250	-62.21	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.950	-66.80	-35	Pass
805	1000	0.1	/	5	805.100	-66.07	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_790.5MHz_Edge_1RB_Left_Ant1



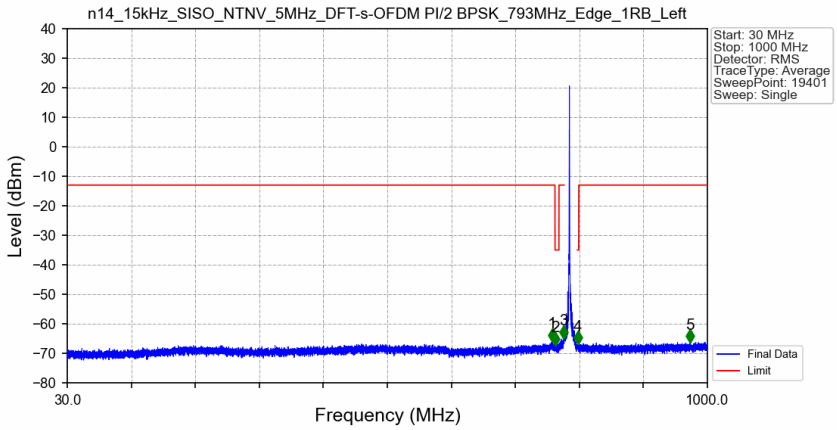
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.91	-13	Pass
1000	7980	1	/	2	1577.000	-41.72	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_790.5MHz_Outer_Full_Ant1



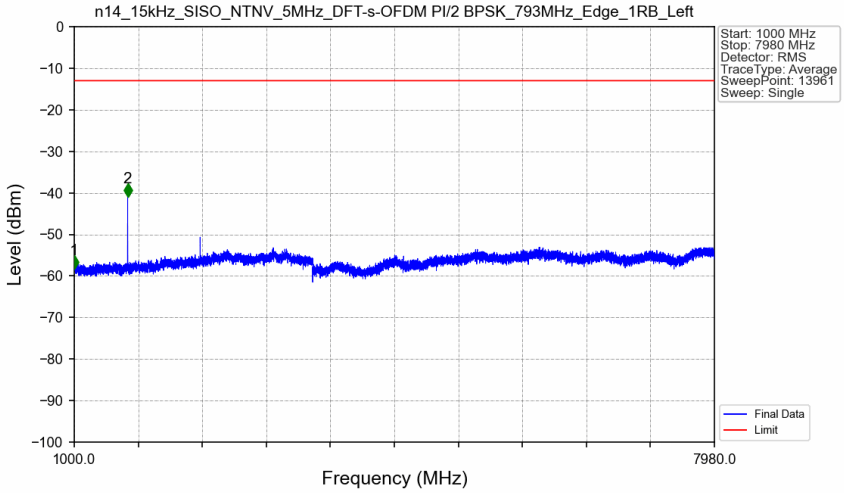
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.354	-69.27	-13	Pass
769	775	0.00625	CHP	2	769.127	-80.47	-35	Pass
775	787.9	0.1	CHP	3	787.848	-27.52	-13	Pass
787.9	788	0.03	CHP	4	787.999	-27.91	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left_Ant1



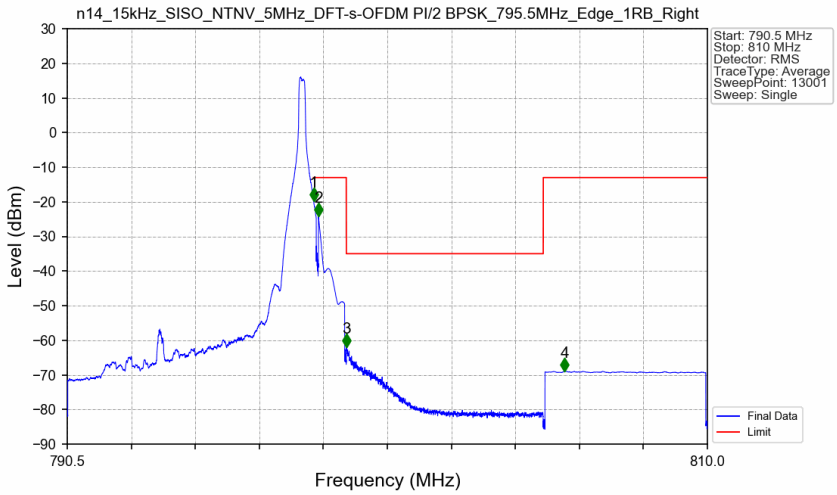
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	764.550	-65.67	-13	Pass
769	775	0.1	/	2	770.100	-66.96	-35	Pass
775	787.9	0.1	/	3	782.000	-64.65	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.700	-66.64	-35	Pass
805	1000	0.1	/	5	973.750	-66.07	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left_Ant1



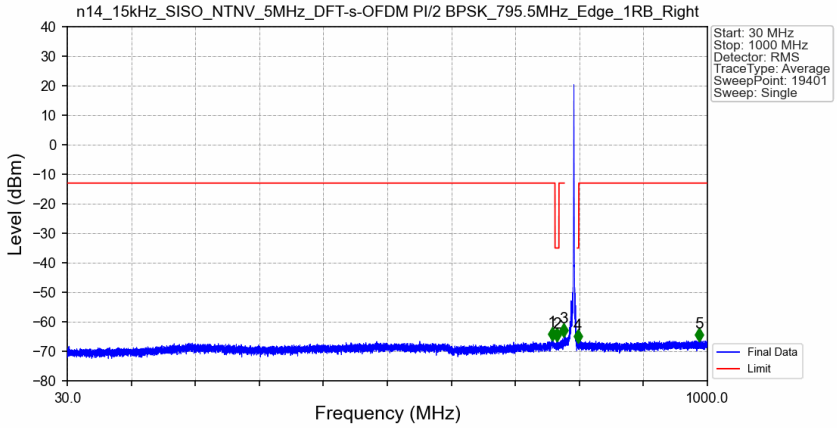
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.16	-13	Pass
1000	7980	1	/	2	1582.000	-40.90	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Edge_1RB_Right_Ant1



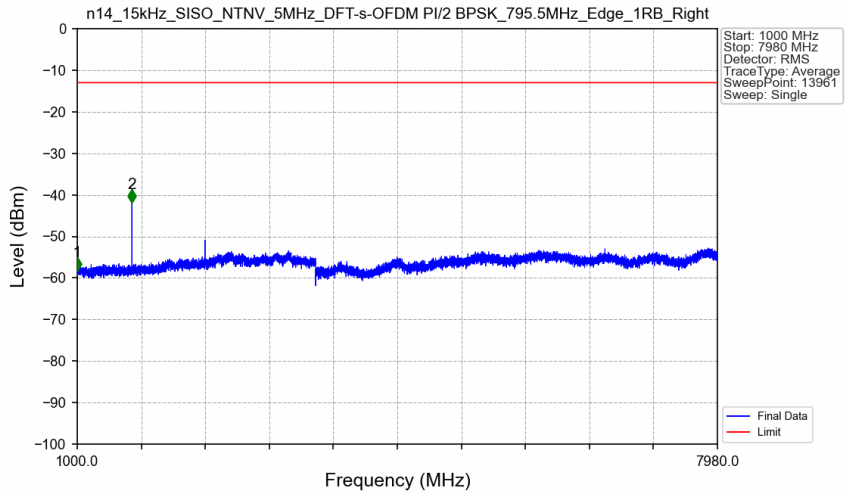
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.005	-19.72	-13	Pass
798.1	799	0.1	CHP	2	798.152	-24.24	-13	Pass
799	805	0.00625	CHP	3	799.004	-62.00	-35	Pass
805	810	0.1	CHP	4	805.649	-68.89	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Edge_1RB_Right_Ant1



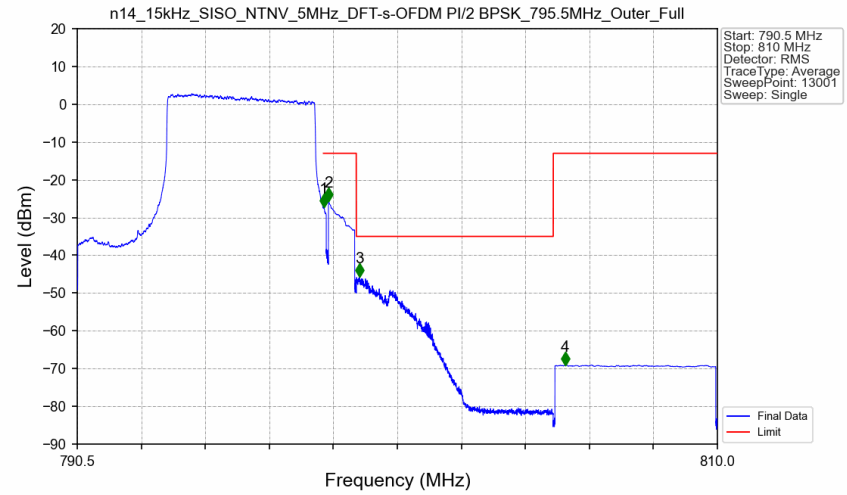
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	765.000	-65.90	-13	Pass
769	775	0.1	/	2	772.050	-66.26	-35	Pass
775	787.9	0.1	/	3	782.550	-64.59	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.800	-66.87	-35	Pass
805	1000	0.1	/	5	987.800	-66.34	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Edge_1RB_Right_Ant1



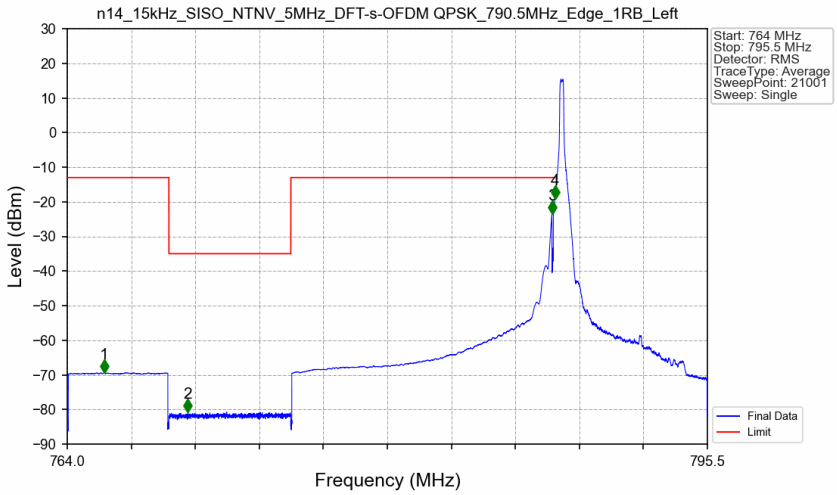
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.20	-13	Pass
1000	7980	1	/	2	1595.500	-41.87	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Outer_Full_Ant1



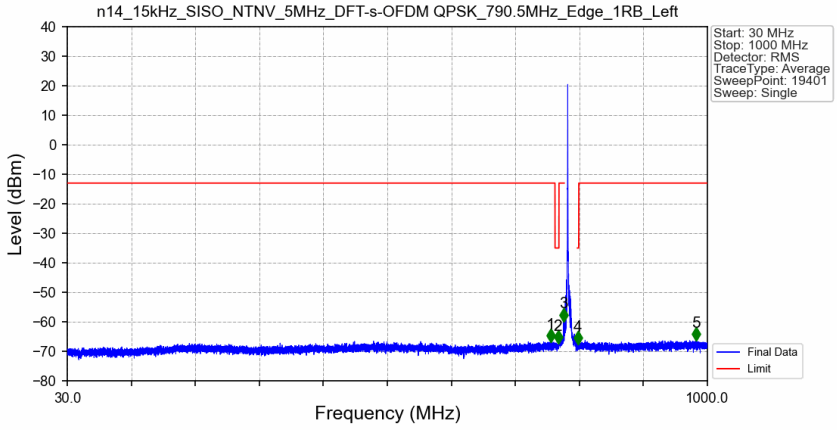
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.006	-27.20	-13	Pass
798.1	799	0.1	CHP	2	798.152	-25.64	-13	Pass
799	805	0.00625	CHP	3	799.096	-45.69	-35	Pass
805	810	0.1	CHP	4	805.356	-69.04	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Edge_1RB_Left_Ant1



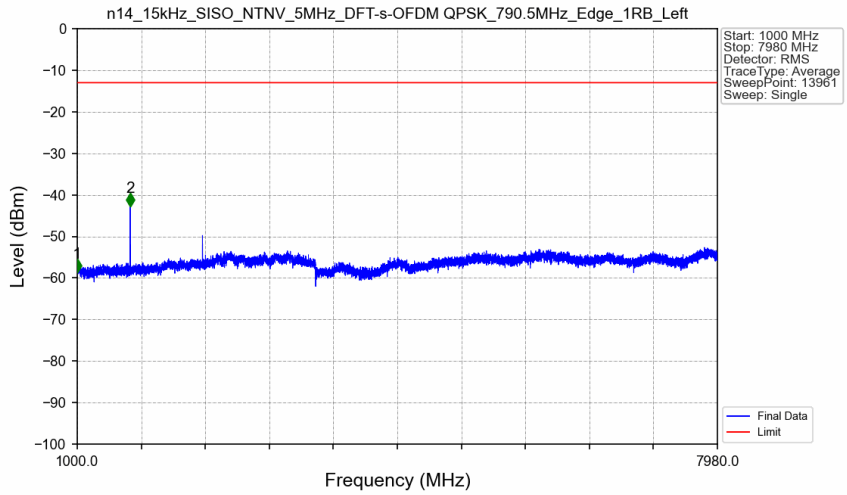
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	765.808	-69.33	-13	Pass
769	775	0.00625	CHP	2	769.938	-80.68	-35	Pass
775	787.9	0.1	CHP	3	787.848	-23.49	-13	Pass
787.9	788	0.03	CHP	4	787.999	-19.14	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Edge_1RB_Left_Ant1



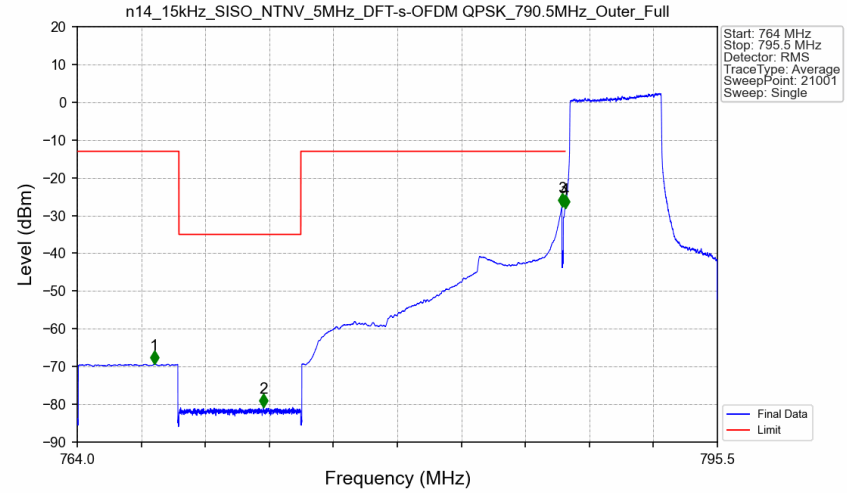
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	762.400	-66.52	-13	Pass
769	775	0.1	/	2	773.650	-66.98	-35	Pass
775	787.9	0.1	/	3	781.650	-59.49	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.850	-67.29	-35	Pass
805	1000	0.1	/	5	983.050	-66.07	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Edge_1RB_Left_Ant1



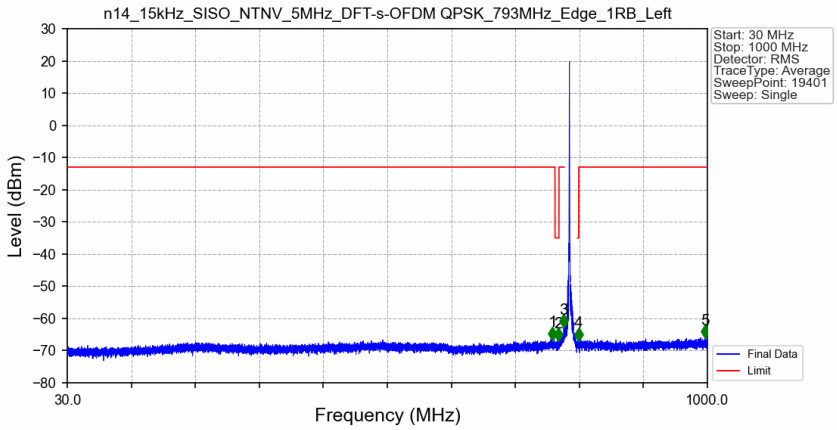
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-58.53	-13	Pass
1000	7980	1	/	2	1577.000	-42.68	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Outer_Full_Ant1



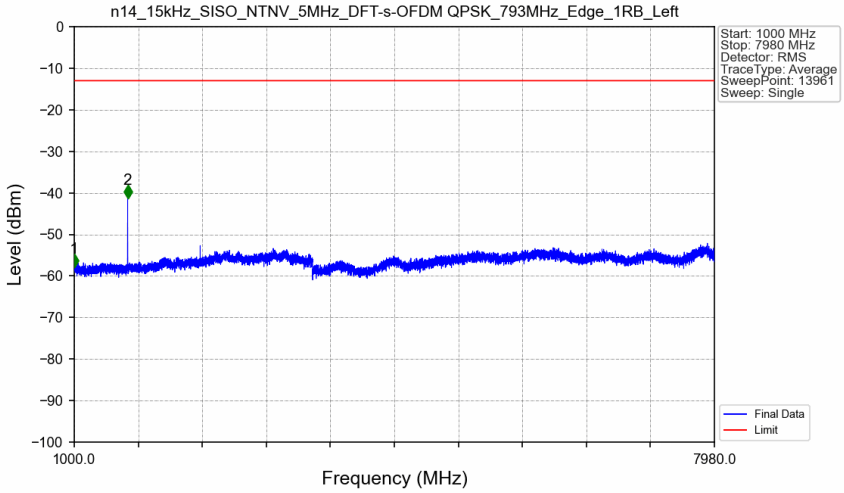
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	767.798	-69.34	-13	Pass
769	775	0.00625	CHP	2	773.156	-80.78	-35	Pass
775	787.9	0.1	CHP	3	787.848	-27.62	-13	Pass
787.9	788	0.03	CHP	4	787.999	-28.06	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



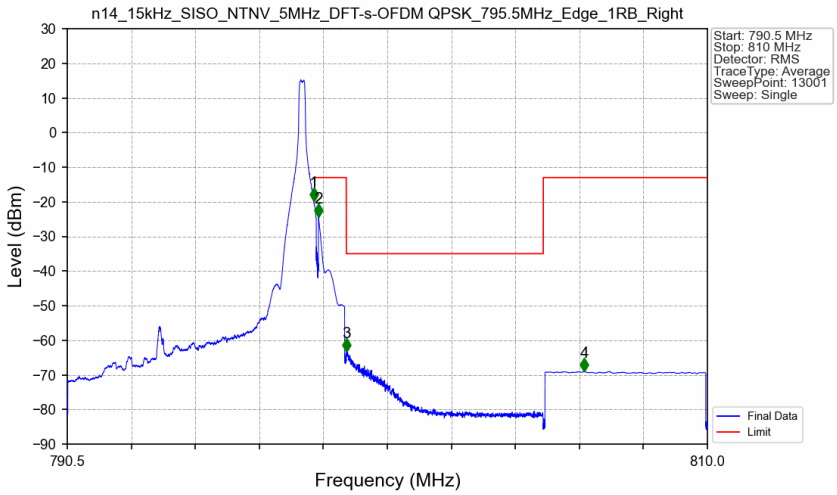
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	765.200	-66.38	-13	Pass
769	775	0.1	/	2	774.350	-66.66	-35	Pass
775	787.9	0.1	/	3	782.300	-62.44	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	804.650	-66.63	-35	Pass
805	1000	0.1	/	5	996.400	-65.81	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



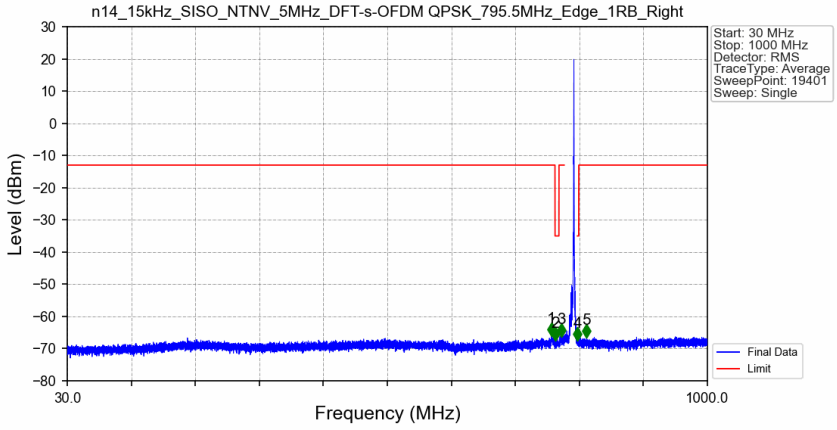
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.85	-13	Pass
1000	7980	1	/	2	1582.000	-41.24	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_795.5MHz_Edge_1RB_Right_Ant1



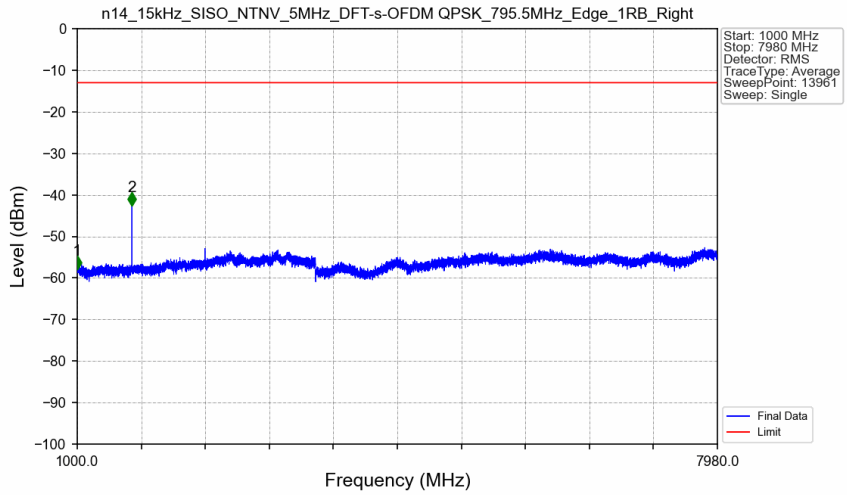
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.003	-19.79	-13	Pass
798.1	799	0.1	CHP	2	798.152	-24.30	-13	Pass
799	805	0.00625	CHP	3	799.004	-63.21	-35	Pass
805	810	0.1	CHP	4	806.247	-68.96	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_795.5MHz_Edge_1RB_Right_Ant1



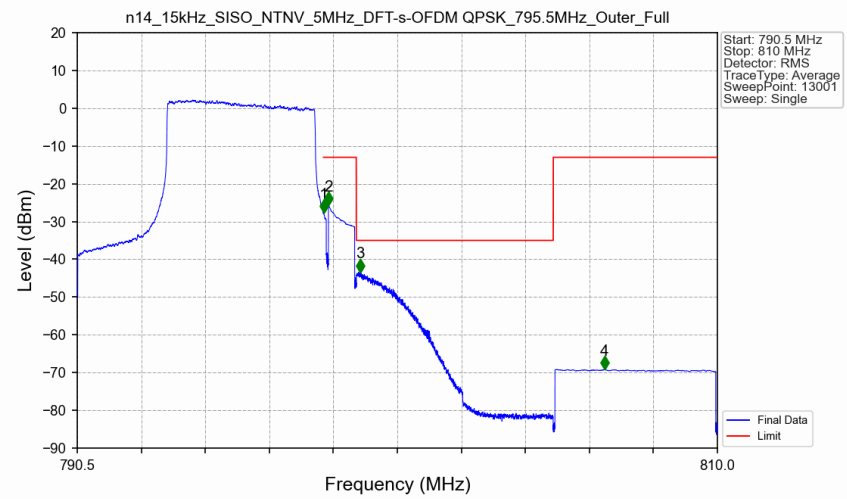
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	763.350	-65.86	-13	Pass
769	775	0.1	/	2	769.300	-67.21	-35	Pass
775	787.9	0.1	/	3	778.200	-66.07	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.300	-67.13	-35	Pass
805	1000	0.1	/	5	816.900	-66.29	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_795.5MHz_Edge_1RB_Right_Ant1



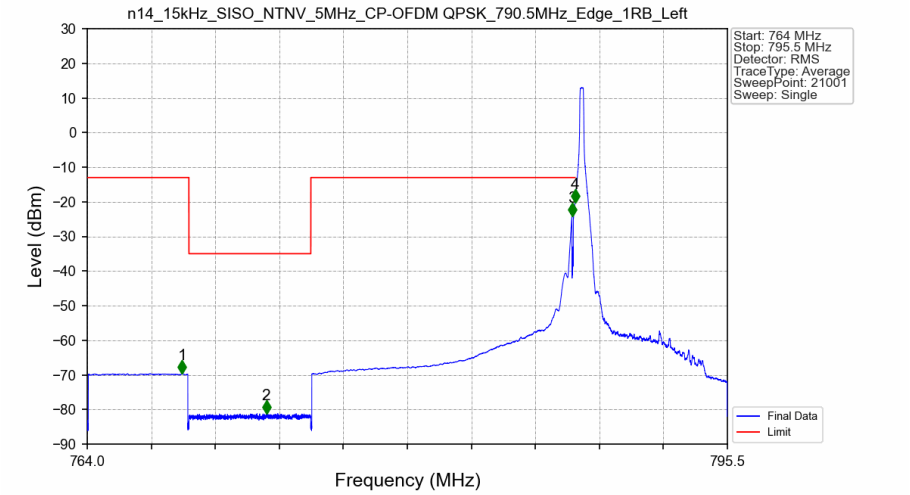
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.93	-13	Pass
1000	7980	1	/	2	1595.500	-42.54	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_795.5MHz_Outer_Full_Ant1



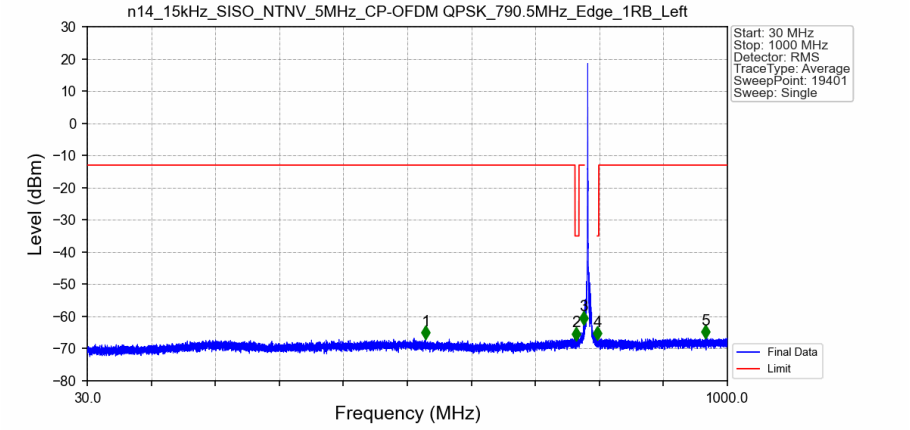
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.005	-27.66	-13	Pass
798.1	799	0.1	CHP	2	798.152	-25.56	-13	Pass
799	805	0.00625	CHP	3	799.128	-43.36	-35	Pass
805	810	0.1	CHP	4	806.554	-69.15	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Edge_1RB_Left_Ant1



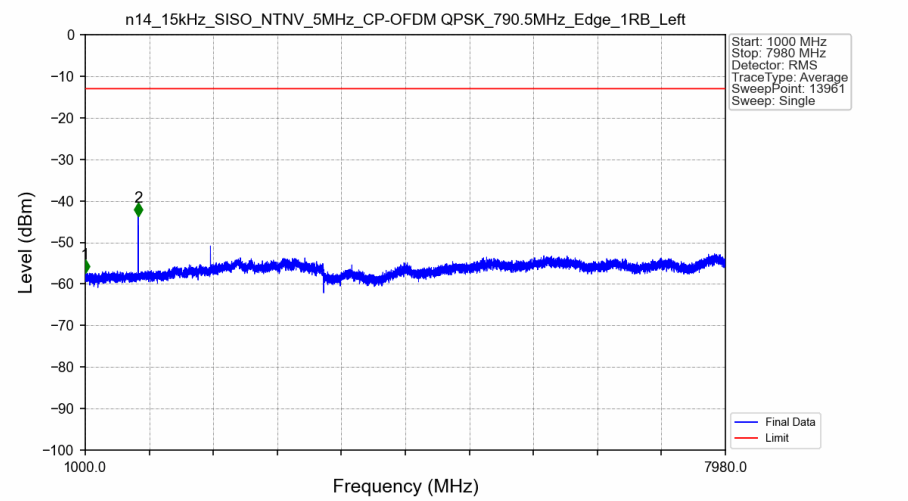
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	768.663	-69.61	-13	Pass
769	775	0.00625	CHP	2	772.808	-81.12	-35	Pass
775	787.9	0.1	CHP	3	787.848	-24.13	-13	Pass
787.9	788	0.03	CHP	4	787.999	-20.15	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Edge_1RB_Left_Ant1



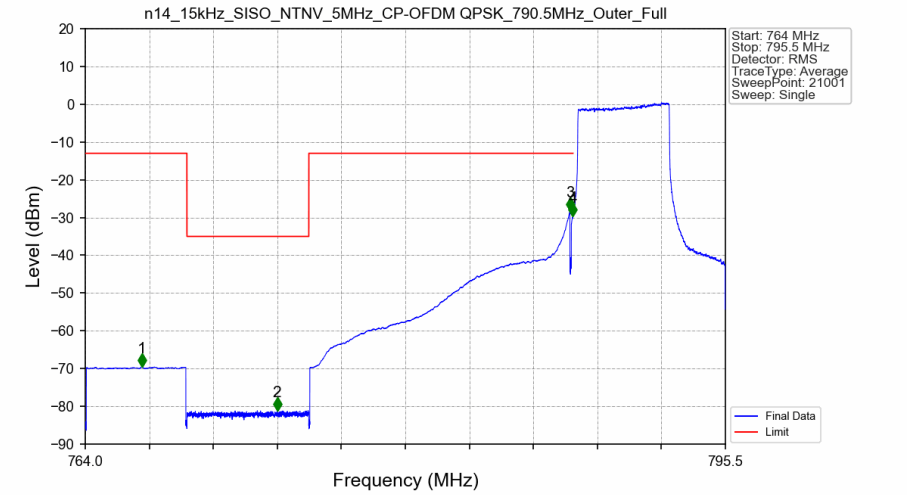
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	542.800	-66.72	-13	Pass
769	775	0.1	/	2	770.850	-67.09	-35	Pass
775	787.9	0.1	/	3	782.500	-62.13	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.050	-67.00	-35	Pass
805	1000	0.1	/	5	966.850	-66.56	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Edge_1RB_Left_Ant1



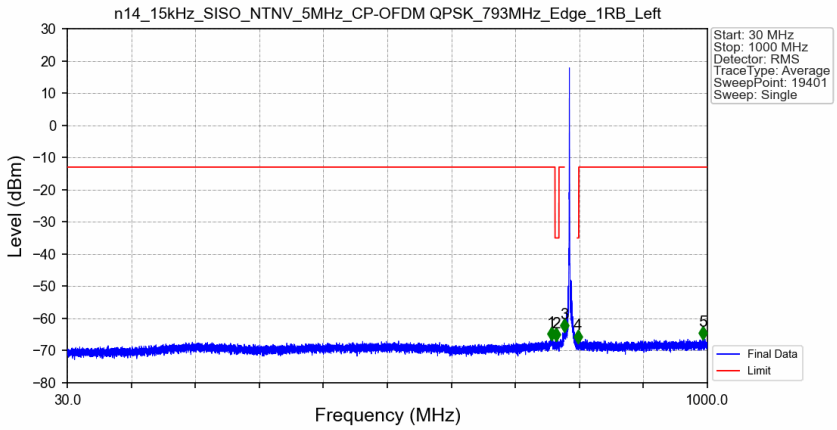
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.28	-13	Pass
1000	7980	1	/	2	1577.000	-43.72	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Outer_Full_Ant1



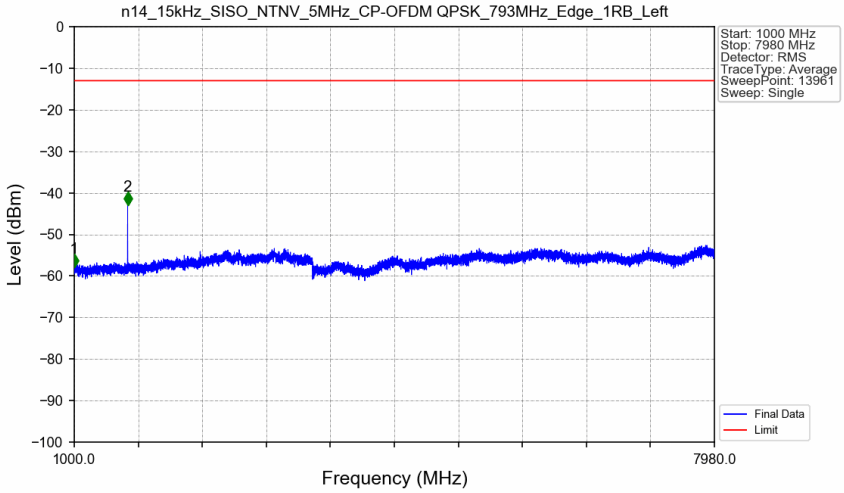
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	766.783	-69.52	-13	Pass
769	775	0.00625	CHP	2	773.441	-81.06	-35	Pass
775	787.9	0.1	CHP	3	787.848	-28.19	-13	Pass
787.9	788	0.03	CHP	4	787.995	-29.59	-13	Pass
788	795.5	0.03	CHP	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



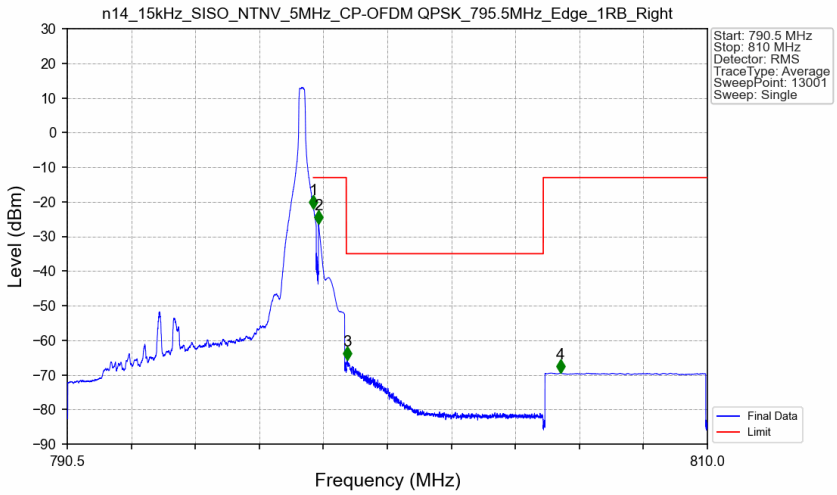
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	763.500	-66.54	-13	Pass
769	775	0.1	/	2	770.550	-66.81	-35	Pass
775	787.9	0.1	/	3	782.850	-63.94	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.900	-67.31	-35	Pass
805	1000	0.1	/	5	993.100	-66.29	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



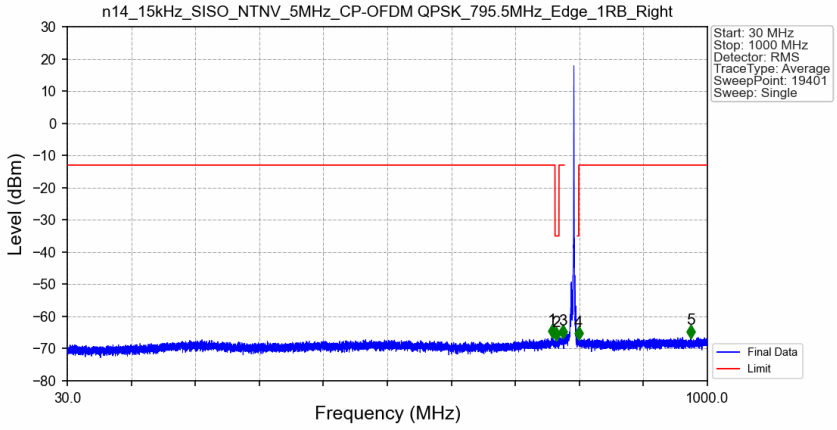
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.83	-13	Pass
1000	7980	1	/	2	1582.000	-42.95	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Edge_1RB_Right_Ant1



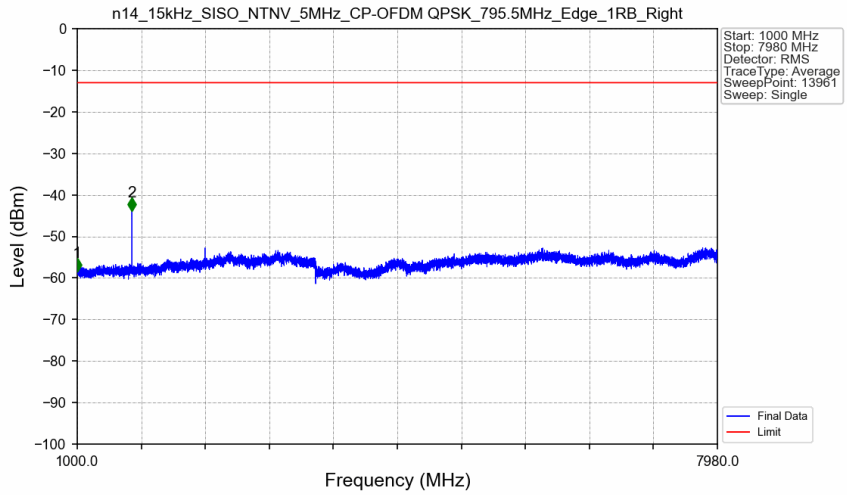
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-21.91	-13	Pass
798.1	799	0.1	CHP	2	798.152	-26.25	-13	Pass
799	805	0.00625	CHP	3	799.032	-65.62	-35	Pass
805	810	0.1	CHP	4	805.521	-69.46	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Edge_1RB_Right_Ant1



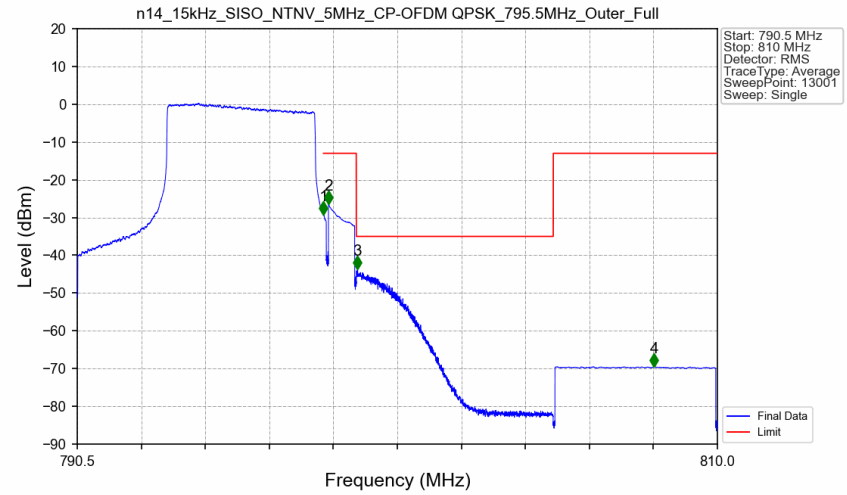
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	764.750	-66.32	-13	Pass
769	775	0.1	/	2	770.850	-67.09	-35	Pass
775	787.9	0.1	/	3	780.450	-66.55	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	804.900	-67.05	-35	Pass
805	1000	0.1	/	5	974.350	-66.40	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_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	-58.43	-13	Pass
1000	7980	1	/	2	1595.500	-43.86	-13	Pass

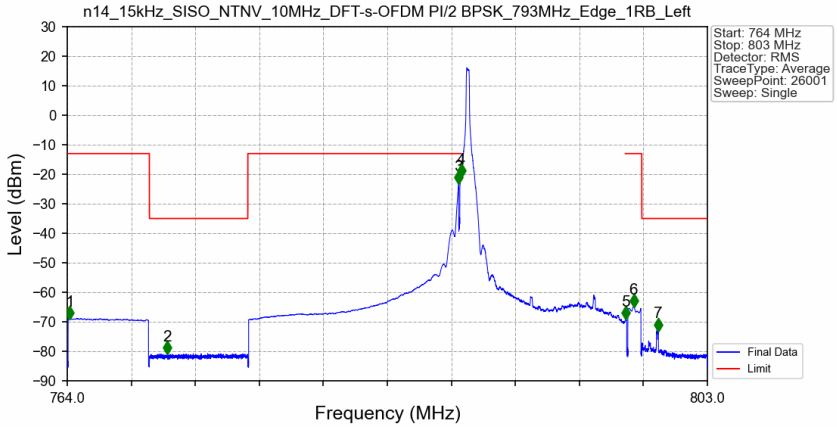
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	1	798.001	-29.28	-13	Pass
798.1	799	0.1	CHP	2	798.152	-26.52	-13	Pass
799	805	0.00625	CHP	3	799.039	-43.74	-35	Pass
805	810	0.1	CHP	4	808.071	-69.52	-13	Pass

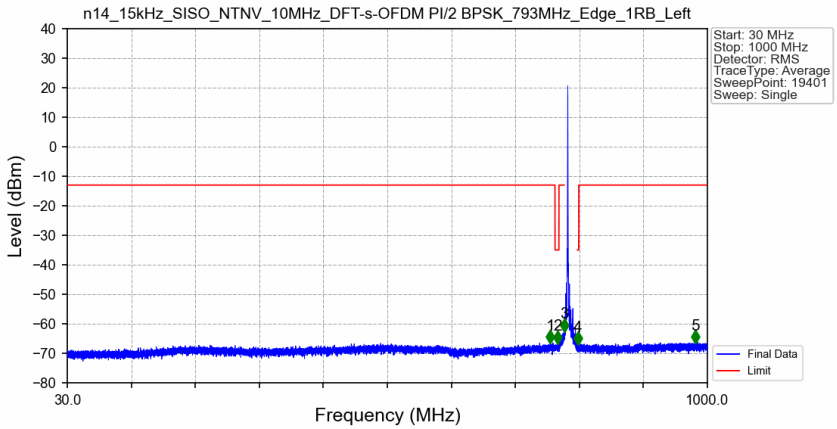
5.2.2 15k_SISO_10MHz_NTNV

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left_Ant1



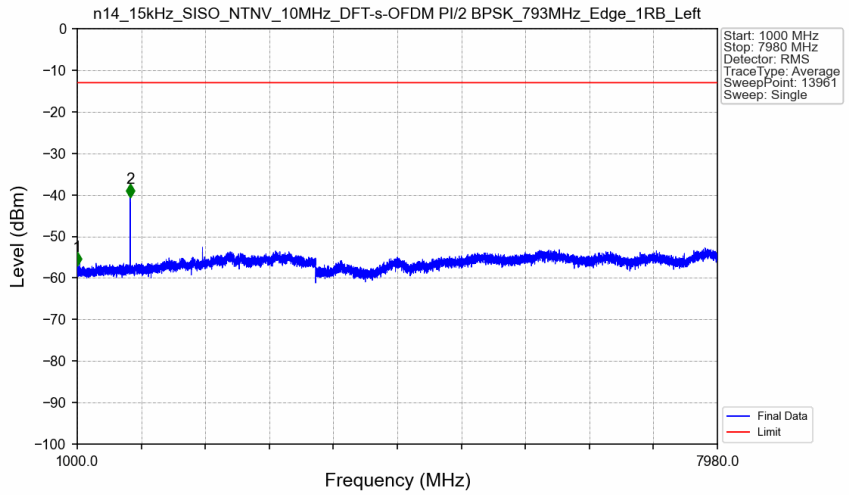
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.160	-68.80	-13	Pass
769	775	0.00625	CHP	2	770.106	-80.70	-35	Pass
775	787.9	0.1	CHP	3	787.848	-22.90	-13	Pass
787.9	788	0.03	CHP	4	787.999	-20.58	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.021	-68.93	-13	Pass
798.1	799	0.1	CHP	6	798.506	-64.73	-13	Pass
799	803	0.00625	CHP	7	799.988	-72.82	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left_Ant1



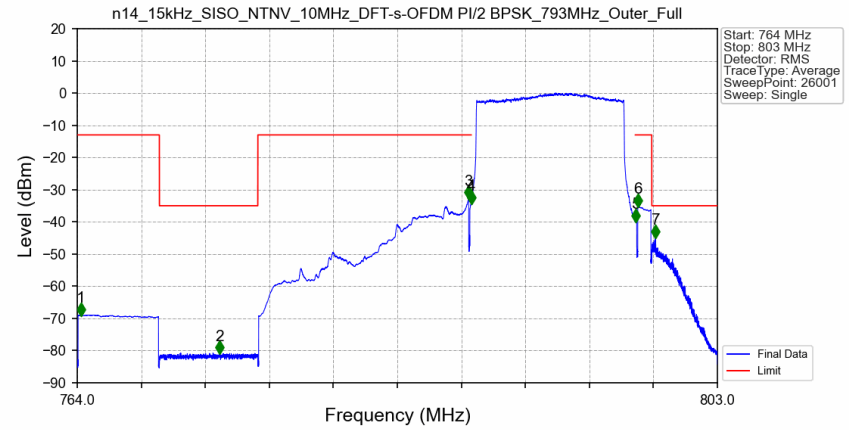
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	761.750	-66.35	-13	Pass
769	775	0.1	/	2	772.850	-66.43	-35	Pass
775	787.9	0.1	/	3	782.900	-62.32	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.500	-66.78	-35	Pass
805	1000	0.1	/	5	981.250	-66.25	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left_Ant1



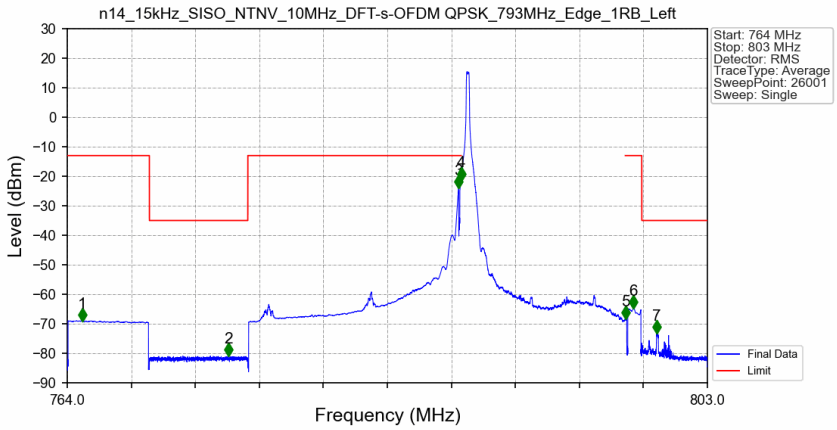
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-56.96	-13	Pass
1000	7980	1	/	2	1577.000	-40.63	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full_Ant1



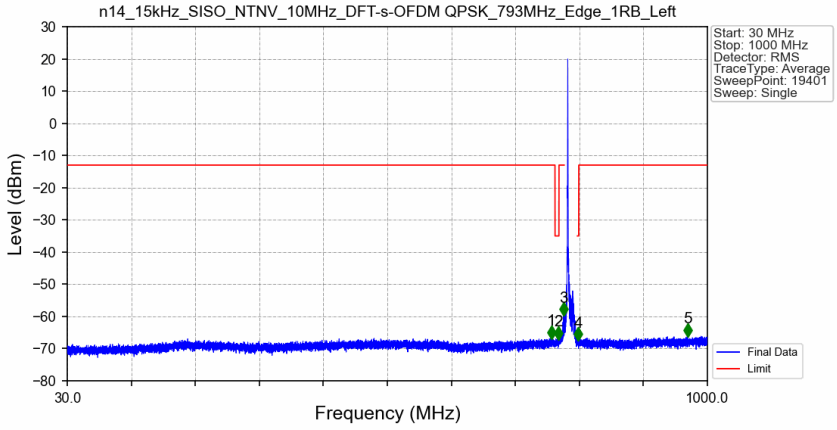
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.230	-68.85	-13	Pass
769	775	0.00625	CHP	2	772.668	-80.65	-35	Pass
775	787.9	0.1	CHP	3	787.848	-32.51	-13	Pass
787.9	788	0.03	CHP	4	787.999	-34.04	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.004	-39.70	-13	Pass
798.1	799	0.1	CHP	6	798.150	-35.02	-13	Pass
799	803	0.00625	CHP	7	799.238	-44.62	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



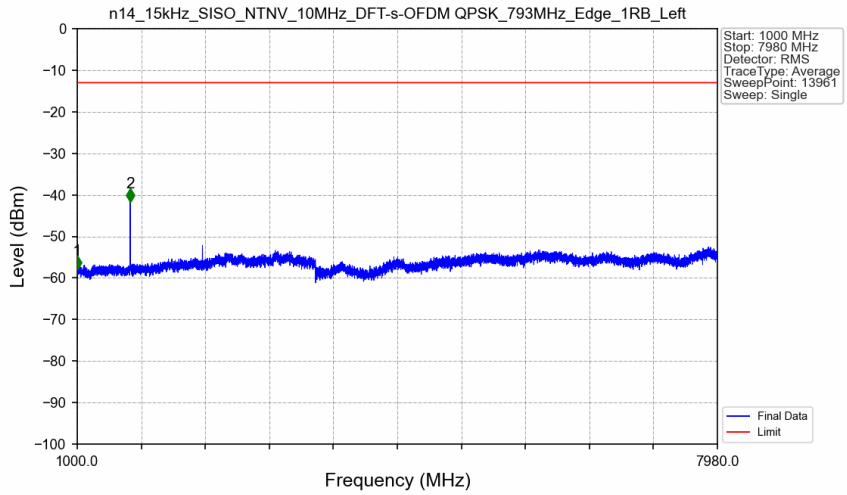
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.903	-68.91	-13	Pass
769	775	0.00625	CHP	2	773.806	-80.61	-35	Pass
775	787.9	0.1	CHP	3	787.848	-23.72	-13	Pass
787.9	788	0.03	CHP	4	787.999	-21.03	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-68.06	-13	Pass
798.1	799	0.1	CHP	6	798.501	-64.56	-13	Pass
799	803	0.00625	CHP	7	799.913	-72.97	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



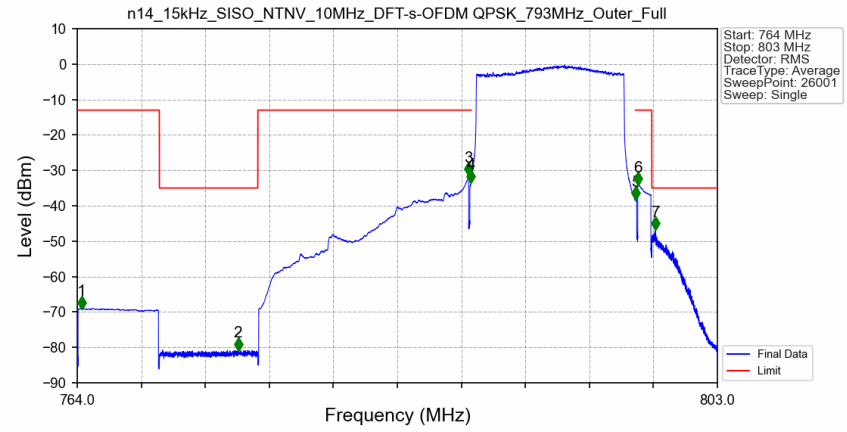
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	763.700	-66.59	-13	Pass
769	775	0.1	/	2	773.950	-66.86	-35	Pass
775	787.9	0.1	/	3	781.600	-59.38	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	804.350	-67.15	-35	Pass
805	1000	0.1	/	5	970.100	-65.90	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



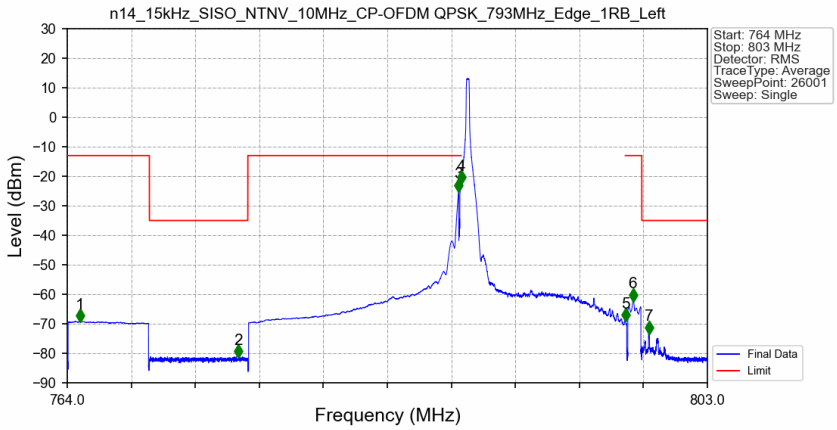
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-57.79	-13	Pass
1000	7980	1	/	2	1577.000	-41.58	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Outer_Full_Ant1



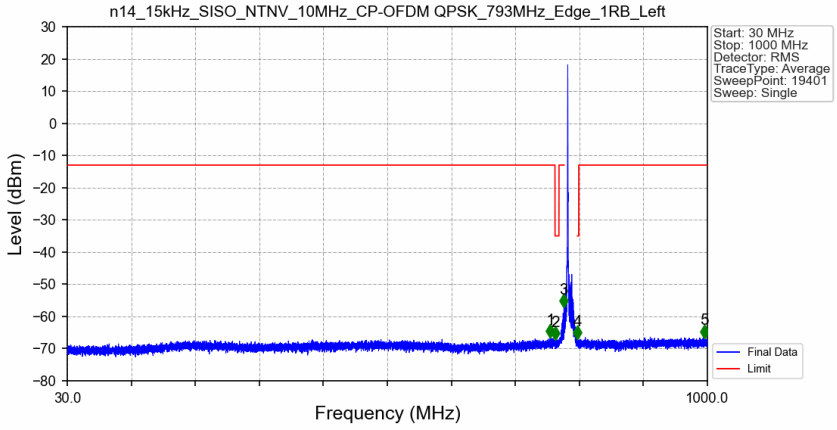
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.279	-68.85	-13	Pass
769	775	0.00625	CHP	2	773.803	-80.60	-35	Pass
775	787.9	0.1	CHP	3	787.848	-31.11	-13	Pass
787.9	788	0.03	CHP	4	787.994	-33.14	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.005	-38.04	-13	Pass
798.1	799	0.1	CHP	6	798.161	-33.93	-13	Pass
799	803	0.00625	CHP	7	799.238	-46.48	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



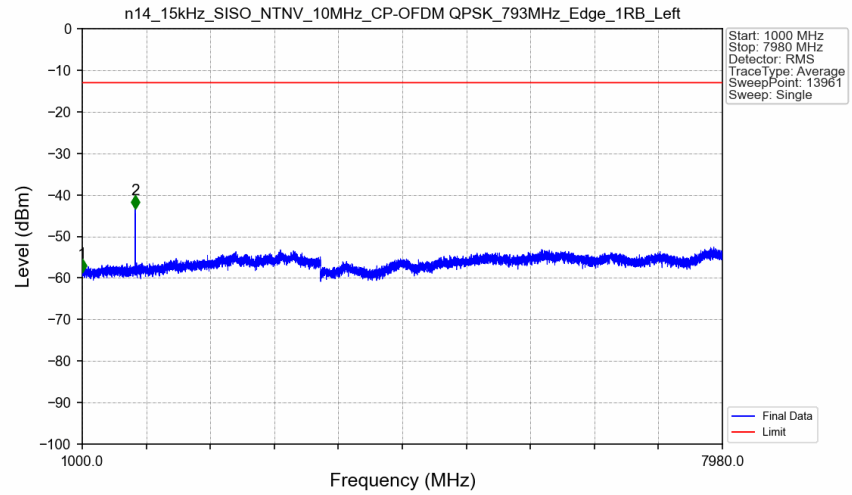
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.777	-69.16	-13	Pass
769	775	0.00625	CHP	2	774.410	-81.09	-35	Pass
775	787.9	0.1	CHP	3	787.848	-24.85	-13	Pass
787.9	788	0.03	CHP	4	787.999	-22.23	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-68.85	-13	Pass
798.1	799	0.1	CHP	6	798.461	-62.06	-13	Pass
799	803	0.00625	CHP	7	799.448	-73.09	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left_Ant1



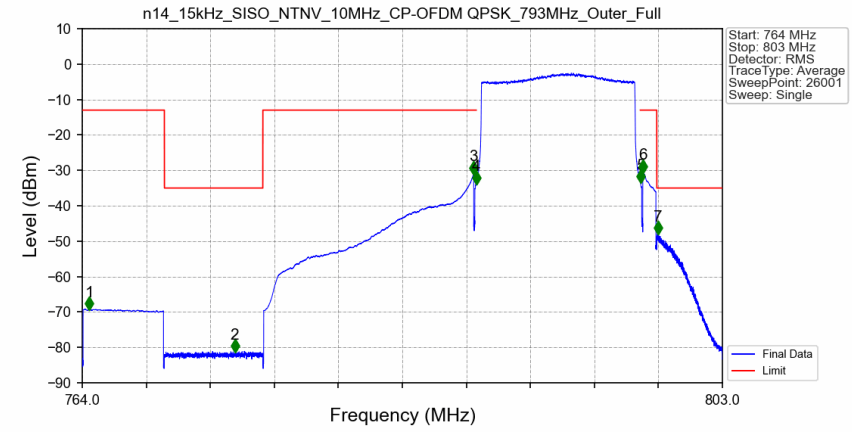
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	769	0.1	/	1	761.650	-66.20	-13	Pass
769	775	0.1	/	2	770.100	-66.89	-35	Pass
775	787.9	0.1	/	3	782.650	-56.89	-13	Pass
787.9	803	0.1	/	/	/	/	/	/
803	805	0.1	/	4	803.250	-66.73	-35	Pass
805	1000	0.1	/	5	995.300	-66.40	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_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	7980	1	/	2	1577.000	-43.25	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	769	0.1	CHP	1	764.432	-69.12	-13	Pass
769	775	0.00625	CHP	2	773.297	-81.08	-35	Pass
775	787.9	0.1	CHP	3	787.848	-30.79	-13	Pass
787.9	788	0.03	CHP	4	787.999	-33.57	-13	Pass
788	798	0.03	CHP	/	/	/	/	/
798	798.1	0.03	CHP	5	798.000	-33.26	-13	Pass
798.1	799	0.1	CHP	6	798.150	-30.38	-13	Pass
799	803	0.00625	CHP	7	799.090	-47.79	-35	Pass

6. Field Strength of Spurious Radiation

NR N14-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**
1577.0	-64.76	-40	-24.76	-67.85	2.6	5.69	Horizontal	Pass
2365.5	-61.05	-13	-48.05	-63.57	2.98	5.5	Horizontal	Pass
3154.0	-59.57	-13	-46.57	-63.64	3.23	7.3	Horizontal	Pass
1577.0	-64.4	-40	-24.4	-67.49	2.6	5.69	Vertical	Pass
2365.5	-60.09	-13	-47.09	-62.61	2.98	5.5	Vertical	Pass
3154.0	-59.23	-13	-46.23	-63.3	3.23	7.3	Vertical	Pass