

1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_5MHz_NTNV_ERP

1.1.1 Test Result

5G NR n14 SCS=15kHz SISO 5MHz NTV										
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	23.78	/	/	19.63	/	/	<=34.77	Pass
		Edge_1RB_Right	23.46	/	/	19.31	/	/	<=34.77	Pass
		Outer_Full	23.58	/	/	19.43	/	/	<=34.77	Pass
		Inner_Full	23.66	/	/	19.51	/	/	<=34.77	Pass
		Inner_1RB_Left	23.8	/	/	19.65	/	/	<=34.77	Pass
		Inner_1RB_Right	23.52	/	/	19.37	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.51	/	/	19.36	/	/	<=34.77	Pass
		Edge_1RB_Right	23.58	/	/	19.43	/	/	<=34.77	Pass
		Outer_Full	23.43	/	/	19.28	/	/	<=34.77	Pass
		Inner_Full	23.55	/	/	19.4	/	/	<=34.77	Pass
		Inner_1RB_Left	23.6	/	/	19.45	/	/	<=34.77	Pass
		Inner_1RB_Right	23.58	/	/	19.43	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	23.25	/	/	19.1	/	/	<=34.77	Pass
		Edge_1RB_Right	23.31	/	/	19.16	/	/	<=34.77	Pass
		Outer_Full	23.47	/	/	19.32	/	/	<=34.77	Pass
		Inner_Full	23.28	/	/	19.13	/	/	<=34.77	Pass
		Inner_1RB_Left	23.2	/	/	19.05	/	/	<=34.77	Pass
		Inner_1RB_Right	23.32	/	/	19.17	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	790.5	Edge_1RB_Left	23.8	/	/	19.65	/	/	<=34.77	Pass
		Edge_1RB_Right	23.51	/	/	19.36	/	/	<=34.77	Pass
		Outer_Full	23.55	/	/	19.4	/	/	<=34.77	Pass
		Inner_Full	23.69	/	/	19.54	/	/	<=34.77	Pass
		Inner_1RB_Left	23.73	/	/	19.58	/	/	<=34.77	Pass
		Inner_1RB_Right	23.54	/	/	19.39	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.42	/	/	19.27	/	/	<=34.77	Pass
		Edge_1RB_Right	23.48	/	/	19.33	/	/	<=34.77	Pass
		Outer_Full	23.56	/	/	19.41	/	/	<=34.77	Pass
		Inner_Full	23.51	/	/	19.36	/	/	<=34.77	Pass
		Inner_1RB_Left	23.56	/	/	19.41	/	/	<=34.77	Pass
		Inner_1RB_Right	23.48	/	/	19.33	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	23.3	/	/	19.15	/	/	<=34.77	Pass
		Edge_1RB_Right	23.41	/	/	19.26	/	/	<=34.77	Pass
		Outer_Full	23.28	/	/	19.13	/	/	<=34.77	Pass
		Inner_Full	23.31	/	/	19.16	/	/	<=34.77	Pass
		Inner_1RB_Left	23.22	/	/	19.07	/	/	<=34.77	Pass
		Inner_1RB_Right	23.37	/	/	19.22	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	790.5	Edge_1RB_Left	22.68	/	/	18.53	/	/	<=34.77	Pass
		Edge_1RB_Right	22.46	/	/	18.31	/	/	<=34.77	Pass
		Outer_Full	22.72	/	/	18.57	/	/	<=34.77	Pass
		Inner_Full	23.63	/	/	19.48	/	/	<=34.77	Pass
		Inner_1RB_Left	23.66	/	/	19.51	/	/	<=34.77	Pass
		Inner_1RB_Right	23.69	/	/	19.54	/	/	<=34.77	Pass
	793	Edge_1RB_Left	22.54	/	/	18.39	/	/	<=34.77	Pass
		Edge_1RB_Right	22.55	/	/	18.4	/	/	<=34.77	Pass
		Outer_Full	22.62	/	/	18.47	/	/	<=34.77	Pass
		Inner_Full	23.67	/	/	19.52	/	/	<=34.77	Pass
		Inner_1RB_Left	23.67	/	/	19.52	/	/	<=34.77	Pass
		Inner_1RB_Right	23.52	/	/	19.37	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	22.2	/	/	18.05	/	/	<=34.77	Pass

		Edge 1RB Right	22.36	/	/	18.21	/	/	<=34.77	Pass
		Outer Full	22.36	/	/	18.21	/	/	<=34.77	Pass
		Inner Full	23.55	/	/	19.4	/	/	<=34.77	Pass
		Inner 1RB Left	23.28	/	/	19.13	/	/	<=34.77	Pass
		Inner 1RB Right	23.34	/	/	19.19	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	790.5	Edge 1RB Left	22.25	/	/	18.1	/	/	<=34.77	Pass
		Edge 1RB Right	22.1	/	/	17.95	/	/	<=34.77	Pass
		Outer Full	22.04	/	/	17.89	/	/	<=34.77	Pass
		Inner Full	22.12	/	/	17.97	/	/	<=34.77	Pass
		Inner 1RB Left	22.3	/	/	18.15	/	/	<=34.77	Pass
		Inner 1RB Right	22.18	/	/	18.03	/	/	<=34.77	Pass
	793	Edge 1RB Left	22.12	/	/	17.97	/	/	<=34.77	Pass
		Edge 1RB Right	21.74	/	/	17.59	/	/	<=34.77	Pass
		Outer Full	21.79	/	/	17.64	/	/	<=34.77	Pass
		Inner Full	21.76	/	/	17.61	/	/	<=34.77	Pass
		Inner 1RB Left	21.89	/	/	17.74	/	/	<=34.77	Pass
		Inner 1RB Right	21.72	/	/	17.57	/	/	<=34.77	Pass
	795.5	Edge 1RB Left	21.88	/	/	17.73	/	/	<=34.77	Pass
		Edge 1RB Right	21.92	/	/	17.77	/	/	<=34.77	Pass
		Outer Full	21.75	/	/	17.6	/	/	<=34.77	Pass
		Inner Full	21.91	/	/	17.76	/	/	<=34.77	Pass
		Inner 1RB Left	21.96	/	/	17.81	/	/	<=34.77	Pass
		Inner 1RB Right	22.09	/	/	17.94	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	790.5	Edge 1RB Left	19.61	/	/	15.46	/	/	<=34.77	Pass
		Edge 1RB Right	19.59	/	/	15.44	/	/	<=34.77	Pass
		Outer Full	20.03	/	/	15.88	/	/	<=34.77	Pass
		Inner Full	20.05	/	/	15.9	/	/	<=34.77	Pass
		Inner 1RB Left	19.82	/	/	15.67	/	/	<=34.77	Pass
		Inner 1RB Right	19.5	/	/	15.35	/	/	<=34.77	Pass
	793	Edge 1RB Left	19.02	/	/	14.87	/	/	<=34.77	Pass
		Edge 1RB Right	19.18	/	/	15.03	/	/	<=34.77	Pass
		Outer Full	19.66	/	/	15.51	/	/	<=34.77	Pass
		Inner Full	19.59	/	/	15.44	/	/	<=34.77	Pass
		Inner 1RB Left	19.24	/	/	15.09	/	/	<=34.77	Pass
		Inner 1RB Right	19.21	/	/	15.06	/	/	<=34.77	Pass
	795.5	Edge 1RB Left	19.26	/	/	15.11	/	/	<=34.77	Pass
		Edge 1RB Right	19.37	/	/	15.22	/	/	<=34.77	Pass
		Outer Full	19.82	/	/	15.67	/	/	<=34.77	Pass
		Inner Full	20.01	/	/	15.86	/	/	<=34.77	Pass
		Inner 1RB Left	19.23	/	/	15.08	/	/	<=34.77	Pass
		Inner 1RB Right	19.35	/	/	15.2	/	/	<=34.77	Pass
CP-OFDM QPSK	790.5	Edge 1RB Left	21.54	/	/	17.39	/	/	<=34.77	Pass
		Edge 1RB Right	21.37	/	/	17.22	/	/	<=34.77	Pass
		Outer Full	21.56	/	/	17.41	/	/	<=34.77	Pass
		Inner Full	23.36	/	/	19.21	/	/	<=34.77	Pass
		Inner 1RB Left	23.21	/	/	19.06	/	/	<=34.77	Pass
		Inner 1RB Right	22.75	/	/	18.6	/	/	<=34.77	Pass
	793	Edge 1RB Left	21.24	/	/	17.09	/	/	<=34.77	Pass
		Edge 1RB Right	21.19	/	/	17.04	/	/	<=34.77	Pass
		Outer Full	21.26	/	/	17.11	/	/	<=34.77	Pass
		Inner Full	22.9	/	/	18.75	/	/	<=34.77	Pass
		Inner 1RB Left	22.6	/	/	18.45	/	/	<=34.77	Pass
		Inner 1RB Right	22.55	/	/	18.4	/	/	<=34.77	Pass
	795.5	Edge 1RB Left	21.39	/	/	17.24	/	/	<=34.77	Pass
		Edge 1RB Right	21.32	/	/	17.17	/	/	<=34.77	Pass
		Outer Full	21.33	/	/	17.18	/	/	<=34.77	Pass
		Inner Full	22.95	/	/	18.8	/	/	<=34.77	Pass
		Inner 1RB Left	22.77	/	/	18.62	/	/	<=34.77	Pass
		Inner 1RB Right	22.69	/	/	18.54	/	/	<=34.77	Pass

CP-OFDM 16 QAM	790.5	Edge_1RB_Left	21.65	/	/	17.5	/	/	<=34.77	Pass
		Edge_1RB_Right	21.5	/	/	17.35	/	/	<=34.77	Pass
		Outer_Full	21.58	/	/	17.43	/	/	<=34.77	Pass
		Inner_Full	22.53	/	/	18.38	/	/	<=34.77	Pass
		Inner_1RB_Left	22.79	/	/	18.64	/	/	<=34.77	Pass
		Inner_1RB_Right	22.43	/	/	18.28	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.19	/	/	17.04	/	/	<=34.77	Pass
		Edge_1RB_Right	21.17	/	/	17.02	/	/	<=34.77	Pass
		Outer_Full	21.21	/	/	17.06	/	/	<=34.77	Pass
		Inner_Full	22.23	/	/	18.08	/	/	<=34.77	Pass
		Inner_1RB_Left	22.09	/	/	17.94	/	/	<=34.77	Pass
		Inner_1RB_Right	22.28	/	/	18.13	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	21.1	/	/	16.95	/	/	<=34.77	Pass
		Edge_1RB_Right	21.22	/	/	17.07	/	/	<=34.77	Pass
		Outer_Full	21.47	/	/	17.32	/	/	<=34.77	Pass
		Inner_Full	22.21	/	/	18.06	/	/	<=34.77	Pass
		Inner_1RB_Left	22.39	/	/	18.24	/	/	<=34.77	Pass
		Inner_1RB_Right	22.55	/	/	18.4	/	/	<=34.77	Pass
CP-OFDM 64 QAM	790.5	Edge_1RB_Left	21.21	/	/	17.06	/	/	<=34.77	Pass
		Edge_1RB_Right	20.94	/	/	16.79	/	/	<=34.77	Pass
		Outer_Full	21.06	/	/	16.91	/	/	<=34.77	Pass
		Inner_Full	21.24	/	/	17.09	/	/	<=34.77	Pass
		Inner_1RB_Left	21.1	/	/	16.95	/	/	<=34.77	Pass
		Inner_1RB_Right	20.93	/	/	16.78	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.64	/	/	16.49	/	/	<=34.77	Pass
		Edge_1RB_Right	20.57	/	/	16.42	/	/	<=34.77	Pass
		Outer_Full	20.73	/	/	16.58	/	/	<=34.77	Pass
		Inner_Full	20.76	/	/	16.61	/	/	<=34.77	Pass
		Inner_1RB_Left	20.68	/	/	16.53	/	/	<=34.77	Pass
		Inner_1RB_Right	20.65	/	/	16.5	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	20.79	/	/	16.64	/	/	<=34.77	Pass
		Edge_1RB_Right	20.87	/	/	16.72	/	/	<=34.77	Pass
		Outer_Full	20.9	/	/	16.75	/	/	<=34.77	Pass
		Inner_Full	20.97	/	/	16.82	/	/	<=34.77	Pass
		Inner_1RB_Left	20.82	/	/	16.67	/	/	<=34.77	Pass
		Inner_1RB_Right	20.91	/	/	16.76	/	/	<=34.77	Pass
CP-OFDM 256 QAM	790.5	Edge_1RB_Left	17.96	/	/	13.81	/	/	<=34.77	Pass
		Edge_1RB_Right	17.75	/	/	13.6	/	/	<=34.77	Pass
		Outer_Full	18.17	/	/	14.02	/	/	<=34.77	Pass
		Inner_Full	17.9	/	/	13.75	/	/	<=34.77	Pass
		Inner_1RB_Left	17.76	/	/	13.61	/	/	<=34.77	Pass
		Inner_1RB_Right	17.65	/	/	13.5	/	/	<=34.77	Pass
	793	Edge_1RB_Left	17.19	/	/	13.04	/	/	<=34.77	Pass
		Edge_1RB_Right	17.2	/	/	13.05	/	/	<=34.77	Pass
		Outer_Full	17.66	/	/	13.51	/	/	<=34.77	Pass
		Inner_Full	17.64	/	/	13.49	/	/	<=34.77	Pass
		Inner_1RB_Left	17.23	/	/	13.08	/	/	<=34.77	Pass
		Inner_1RB_Right	17.16	/	/	13.01	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	17.28	/	/	13.13	/	/	<=34.77	Pass
		Edge_1RB_Right	17.37	/	/	13.22	/	/	<=34.77	Pass
		Outer_Full	17.79	/	/	13.64	/	/	<=34.77	Pass
		Inner_Full	17.99	/	/	13.84	/	/	<=34.77	Pass
		Inner_1RB_Left	17.23	/	/	13.08	/	/	<=34.77	Pass
		Inner_1RB_Right	17.47	/	/	13.32	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: -2.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 15k_SISO_10MHz_NTNV_ERP

1.2.1 Test Result

5G NR n14 SCS=15kHz SISO 10MHz 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	793	Edge_1RB_Left	23.45	/	/	19.3	/	/	<=34.77	Pass
		Edge_1RB_Right	23.17	/	/	19.02	/	/	<=34.77	Pass
		Outer_Full	23.27	/	/	19.12	/	/	<=34.77	Pass
		Inner_Full	23.2	/	/	19.05	/	/	<=34.77	Pass
		Inner_1RB_Left	23.29	/	/	19.14	/	/	<=34.77	Pass
		Inner_1RB_Right	23.25	/	/	19.1	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	793	Edge_1RB_Left	23.42	/	/	19.27	/	/	<=34.77	Pass
		Edge_1RB_Right	23.26	/	/	19.11	/	/	<=34.77	Pass
		Outer_Full	23.37	/	/	19.22	/	/	<=34.77	Pass
		Inner_Full	23.13	/	/	18.98	/	/	<=34.77	Pass
		Inner_1RB_Left	23.39	/	/	19.24	/	/	<=34.77	Pass
		Inner_1RB_Right	23.32	/	/	19.17	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	793	Edge_1RB_Left	22.42	/	/	18.27	/	/	<=34.77	Pass
		Edge_1RB_Right	22.18	/	/	18.03	/	/	<=34.77	Pass
		Outer_Full	22.34	/	/	18.19	/	/	<=34.77	Pass
		Inner_Full	23.19	/	/	19.04	/	/	<=34.77	Pass
		Inner_1RB_Left	23.42	/	/	19.27	/	/	<=34.77	Pass
		Inner_1RB_Right	23.3	/	/	19.15	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	793	Edge_1RB_Left	22.01	/	/	17.86	/	/	<=34.77	Pass
		Edge_1RB_Right	21.88	/	/	17.73	/	/	<=34.77	Pass
		Outer_Full	21.77	/	/	17.62	/	/	<=34.77	Pass
		Inner_Full	21.71	/	/	17.56	/	/	<=34.77	Pass
		Inner_1RB_Left	22.01	/	/	17.86	/	/	<=34.77	Pass
		Inner_1RB_Right	21.85	/	/	17.7	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	793	Edge_1RB_Left	19.12	/	/	14.97	/	/	<=34.77	Pass
		Edge_1RB_Right	19.15	/	/	15	/	/	<=34.77	Pass
		Outer_Full	19.85	/	/	15.7	/	/	<=34.77	Pass
		Inner_Full	19.61	/	/	15.46	/	/	<=34.77	Pass
		Inner_1RB_Left	19.23	/	/	15.08	/	/	<=34.77	Pass
		Inner_1RB_Right	19.22	/	/	15.07	/	/	<=34.77	Pass
CP-OFDM QPSK	793	Edge_1RB_Left	21.14	/	/	16.99	/	/	<=34.77	Pass
		Edge_1RB_Right	21.11	/	/	16.96	/	/	<=34.77	Pass
		Outer_Full	21.28	/	/	17.13	/	/	<=34.77	Pass
		Inner_Full	22.66	/	/	18.51	/	/	<=34.77	Pass
		Inner_1RB_Left	22.6	/	/	18.45	/	/	<=34.77	Pass
		Inner_1RB_Right	22.59	/	/	18.44	/	/	<=34.77	Pass
CP-OFDM 16 QAM	793	Edge_1RB_Left	21.39	/	/	17.24	/	/	<=34.77	Pass
		Edge_1RB_Right	21.21	/	/	17.06	/	/	<=34.77	Pass
		Outer_Full	21.2	/	/	17.05	/	/	<=34.77	Pass
		Inner_Full	22.22	/	/	18.07	/	/	<=34.77	Pass
		Inner_1RB_Left	22.41	/	/	18.26	/	/	<=34.77	Pass
		Inner_1RB_Right	22.29	/	/	18.14	/	/	<=34.77	Pass
CP-OFDM 64 QAM	793	Edge_1RB_Left	20.88	/	/	16.73	/	/	<=34.77	Pass
		Edge_1RB_Right	20.84	/	/	16.69	/	/	<=34.77	Pass
		Outer_Full	20.87	/	/	16.72	/	/	<=34.77	Pass
		Inner_Full	20.73	/	/	16.58	/	/	<=34.77	Pass
		Inner_1RB_Left	20.97	/	/	16.82	/	/	<=34.77	Pass
		Inner_1RB_Right	20.72	/	/	16.57	/	/	<=34.77	Pass
CP-OFDM 256 QAM	793	Edge_1RB_Left	17.35	/	/	13.2	/	/	<=34.77	Pass
		Edge_1RB_Right	17.21	/	/	13.06	/	/	<=34.77	Pass
		Outer_Full	17.64	/	/	13.49	/	/	<=34.77	Pass
		Inner_Full	17.59	/	/	13.44	/	/	<=34.77	Pass
		Inner_1RB_Left	17.28	/	/	13.13	/	/	<=34.77	Pass
		Inner_1RB_Right	17.15	/	/	13	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant1: -2.00dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 15k_SISO_10MHz

2.1.1 Test Result

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 PI/2 BPSK	793	Outer_Full	20	LV	11.10	0.0140	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	1.10	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-1.80	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	4.40	0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-7.10	-0.0090	>=-2.5 & <=2.5	Pass
			40	NV	-4.00	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-0.40	-0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	793	Outer_Full	20	LV	4.30	0.0054	>=-2.5 & <=2.5	Pass
				HV	2.00	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	3.00	0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	4.40	0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-2.20	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0044	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	20	LV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	2.40	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	4.30	0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	6.50	0.0082	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-1.60	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0062	>=-2.5 & <=2.5	Pass
			50	NV	4.90	0.0062	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	20	LV	-2.30	-0.0029	>=-2.5 & <=2.5	Pass
				HV	2.20	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-0.40	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	2.70	0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	6.20	0.0078	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0059	>=-2.5 & <=2.5	Pass

			20	NV	3.00	0.0038	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	7.20	0.0091	>=-2.5 & <=2.5	Pass
			50	NV	-0.70	-0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	20	LV	2.50	0.0032	>=-2.5 & <=2.5	Pass
				HV	4.40	0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-2.40	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	2.40	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	4.80	0.0061	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0055	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0082	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	0.40	0.0005	>=-2.5 & <=2.5	Pass
			CP-OFDM QPSK	793	Outer_Full	20	LV	3.50
HV	3.90	0.0049					>=-2.5 & <=2.5	Pass
-30	NV	2.00				0.0025	>=-2.5 & <=2.5	Pass
-20	NV	1.00				0.0013	>=-2.5 & <=2.5	Pass
-10	NV	-2.00				-0.0025	>=-2.5 & <=2.5	Pass
0	NV	4.90				0.0062	>=-2.5 & <=2.5	Pass
10	NV	0.70				0.0009	>=-2.5 & <=2.5	Pass
20	NV	-3.50				-0.0044	>=-2.5 & <=2.5	Pass
30	NV	3.20				0.0040	>=-2.5 & <=2.5	Pass
40	NV	-1.00				-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	793	Outer_Full	20	LV	4.30	0.0054	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0054	>=-2.5 & <=2.5	Pass
			-20	NV	2.20	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	5.70	0.0072	>=-2.5 & <=2.5	Pass
			10	NV	1.00	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	3.10	0.0039	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	4.60	0.0058	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	793	Outer_Full	20	LV	-3.20	-0.0040	>=-2.5 & <=2.5	Pass
				HV	4.80	0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	4.90	0.0062	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0079	>=-2.5 & <=2.5	Pass
			20	NV	4.80	0.0061	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0048	>=-2.5 & <=2.5	Pass
			40	NV	5.10	0.0064	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	793	Outer_Full	20	LV	-2.00	-0.0025	>=-2.5 & <=2.5	Pass
				HV	5.80	0.0073	>=-2.5 & <=2.5	Pass
			-30	NV	-0.70	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	5.60	0.0071	>=-2.5 & <=2.5	Pass
			-10	NV	4.60	0.0058	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	3.90	0.0049	>=-2.5 & <=2.5	Pass
			20	NV	4.50	0.0057	>=-2.5 & <=2.5	Pass
			30	NV	3.40	0.0043	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0069	>=-2.5 & <=2.5	Pass
50	NV	7.40	0.0093	>=-2.5 & <=2.5	Pass			

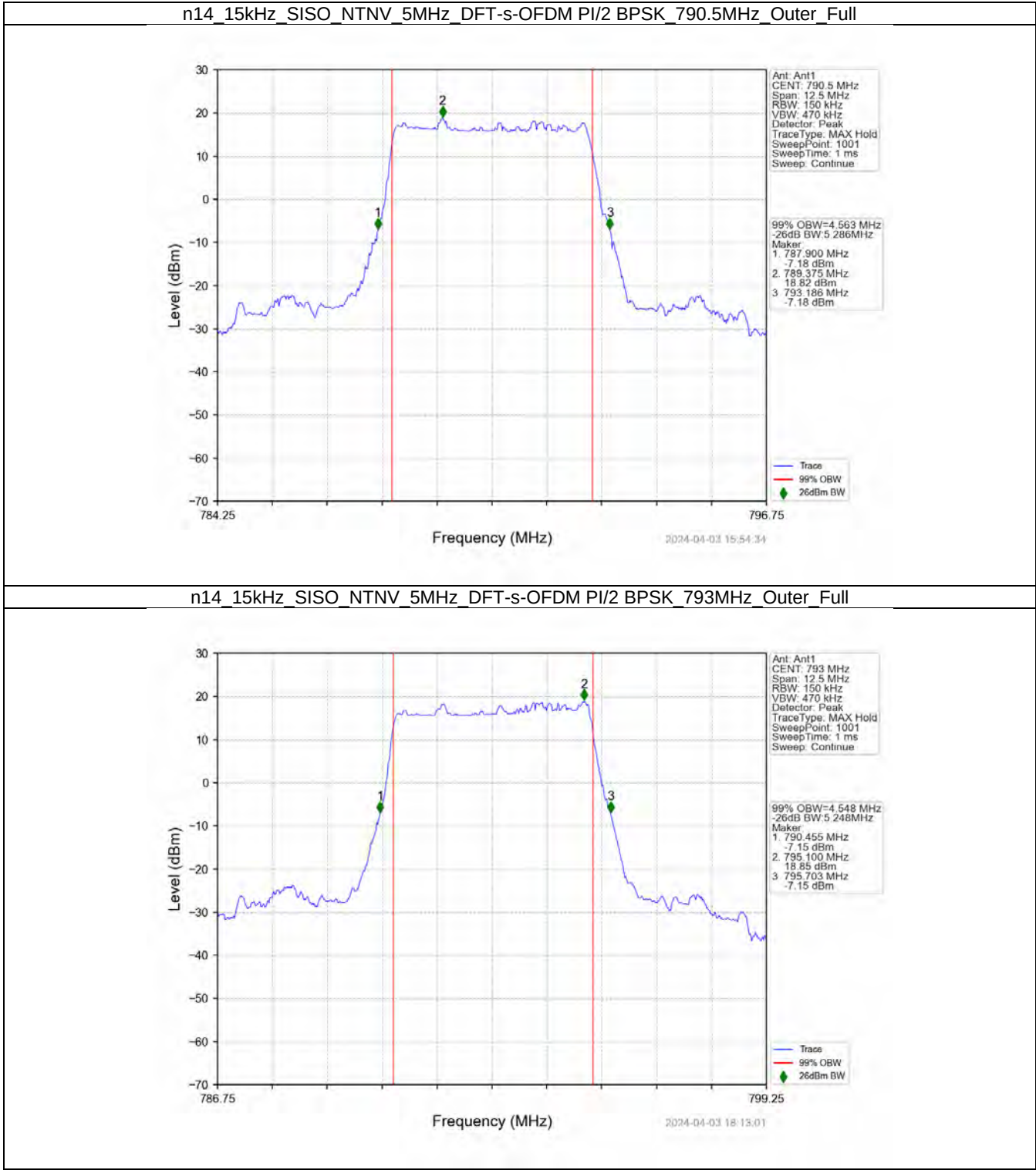
3. 99% & 26dB Bandwidth

3.1 15k_SISO_5MHz_NTNV

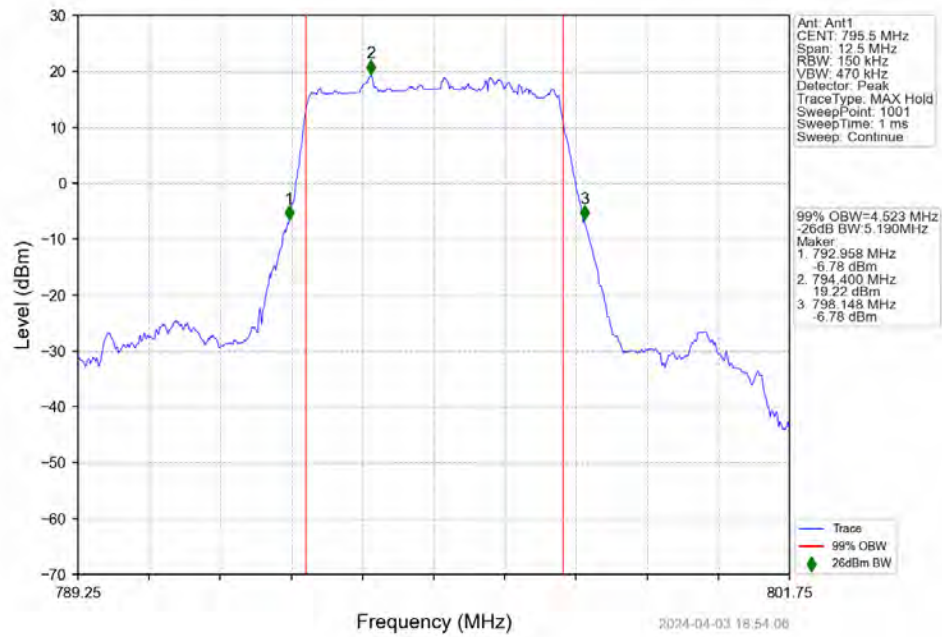
3.1.1 Test Result

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	790.5	Outer_Full	4.56	5.29	/	Pass
	793	Outer_Full	4.55	5.25	/	Pass
	795.5	Outer_Full	4.52	5.19	/	Pass
DFT-s-OFDM QPSK	790.5	Outer_Full	4.55	5.31	/	Pass
	793	Outer_Full	4.54	5.19	/	Pass
	795.5	Outer_Full	4.50	5.09	/	Pass
DFT-s-OFDM 16 QAM	790.5	Outer_Full	4.60	5.28	/	Pass
	793	Outer_Full	4.56	5.24	/	Pass
	795.5	Outer_Full	4.55	5.20	/	Pass
DFT-s-OFDM 64 QAM	790.5	Outer_Full	4.54	5.25	/	Pass
	793	Outer_Full	4.58	5.28	/	Pass
	795.5	Outer_Full	4.50	5.21	/	Pass
DFT-s-OFDM 256 QAM	790.5	Outer_Full	4.56	5.30	/	Pass
	793	Outer_Full	4.57	5.33	/	Pass
	795.5	Outer_Full	4.49	5.12	/	Pass
CP-OFDM QPSK	790.5	Outer_Full	4.55	5.43	/	Pass
	793	Outer_Full	4.59	5.29	/	Pass
	795.5	Outer_Full	4.51	5.20	/	Pass
CP-OFDM 16 QAM	790.5	Outer_Full	4.62	5.43	/	Pass
	793	Outer_Full	4.59	5.38	/	Pass
	795.5	Outer_Full	4.52	5.22	/	Pass
CP-OFDM 64 QAM	790.5	Outer_Full	4.57	5.37	/	Pass
	793	Outer_Full	4.58	5.33	/	Pass
	795.5	Outer_Full	4.53	5.30	/	Pass
CP-OFDM 256 QAM	790.5	Outer_Full	4.59	5.41	/	Pass
	793	Outer_Full	4.57	5.35	/	Pass
	795.5	Outer_Full	4.53	5.29	/	Pass

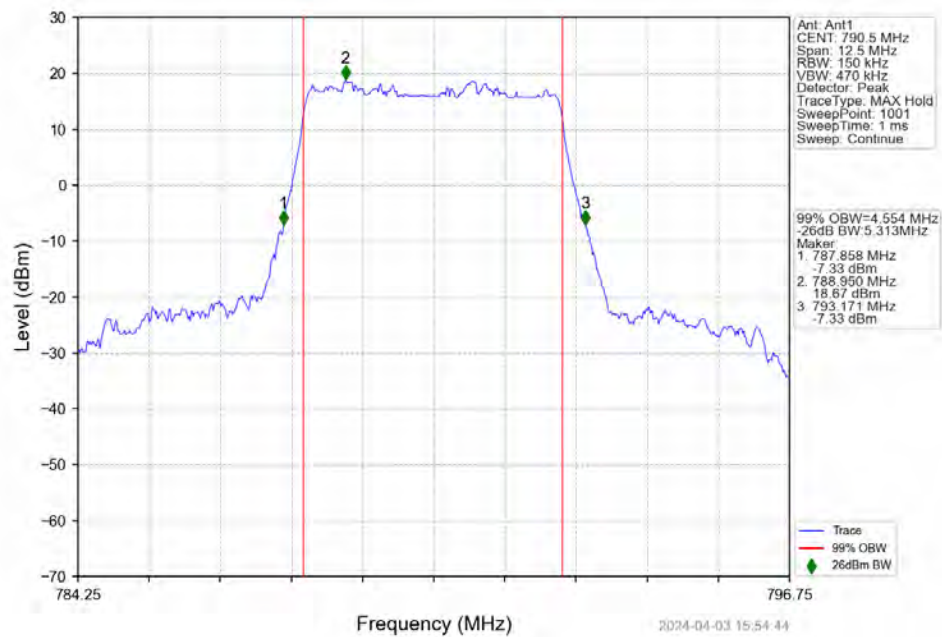
3.1.2 Test Graph



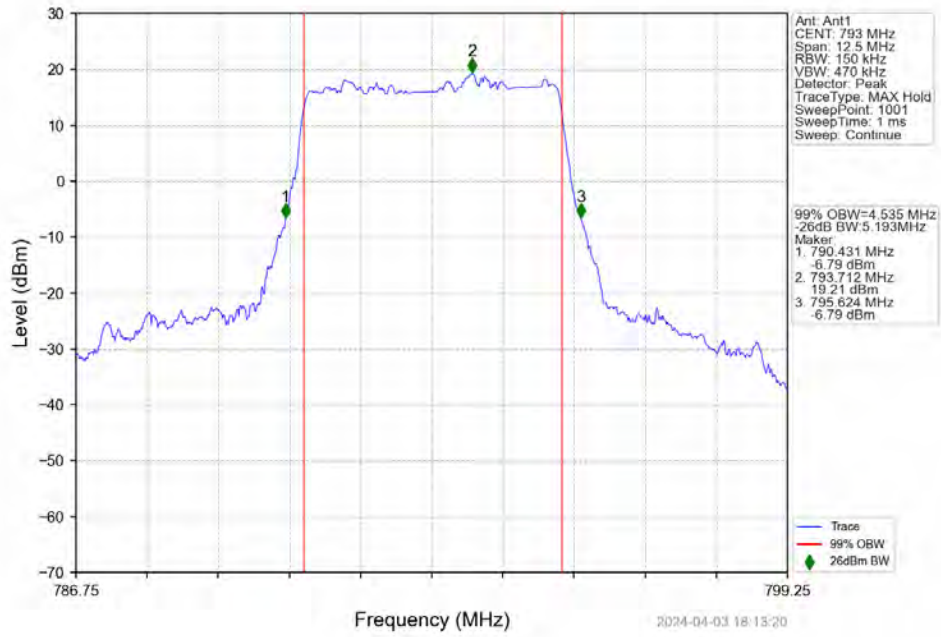
n14 15kHz SISO NTV 5MHz DFT-s-OFDM PI/2 BPSK 795.5MHz Outer Full



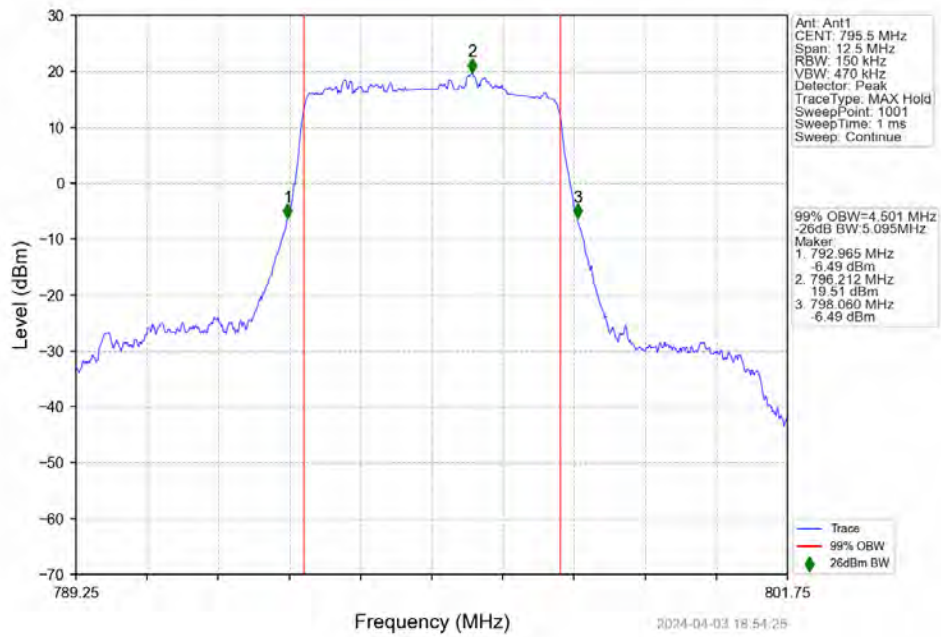
n14 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 790.5MHz Outer Full



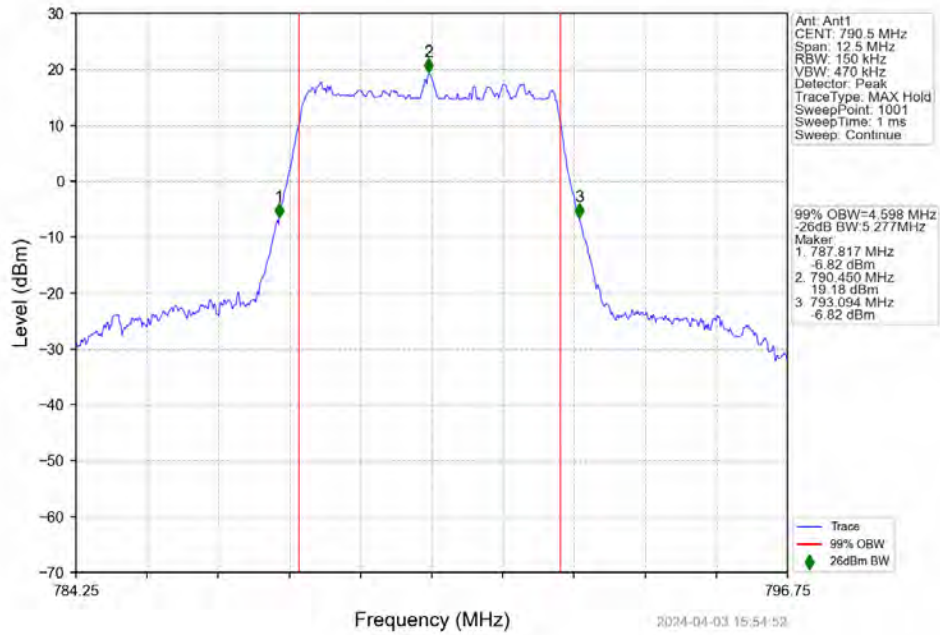
n14 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 793MHz Outer Full



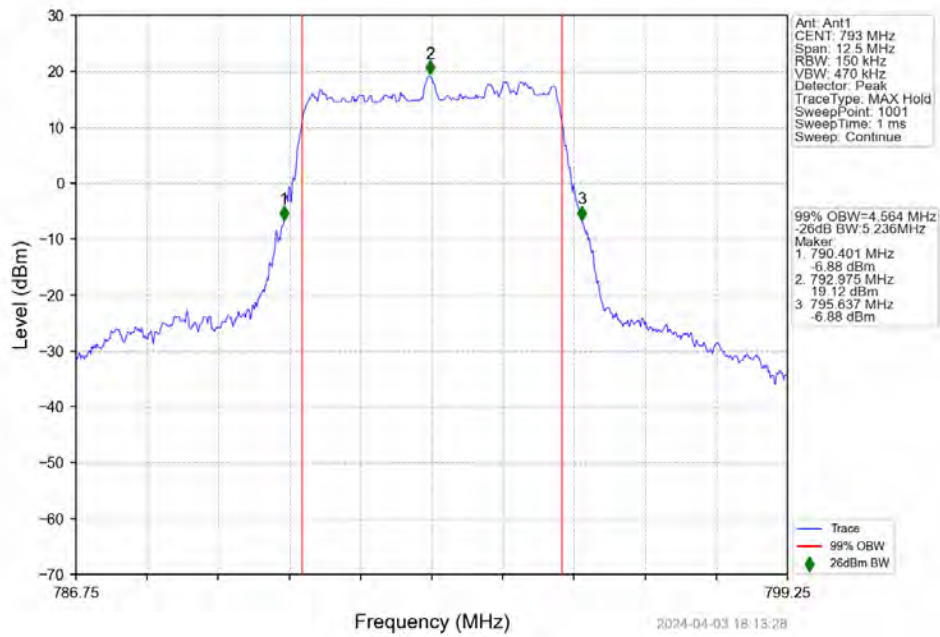
n14 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 795.5MHz Outer Full



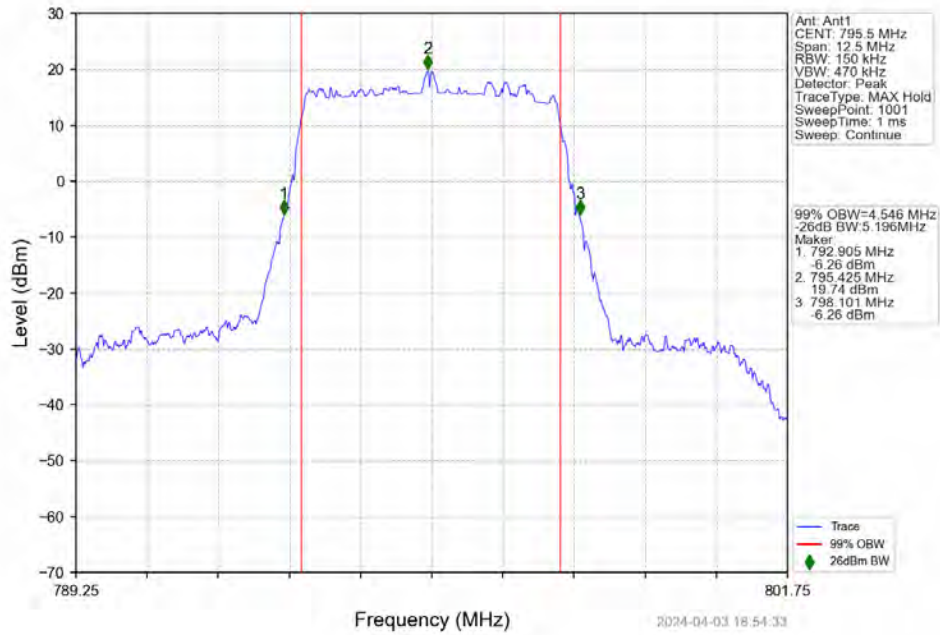
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 790.5MHz Outer Full



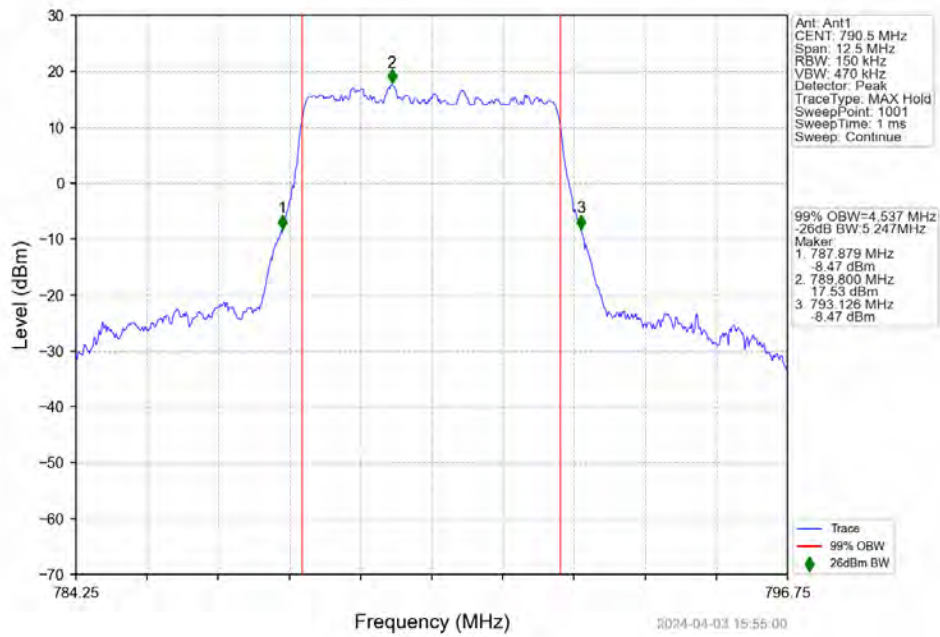
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 793MHz Outer Full



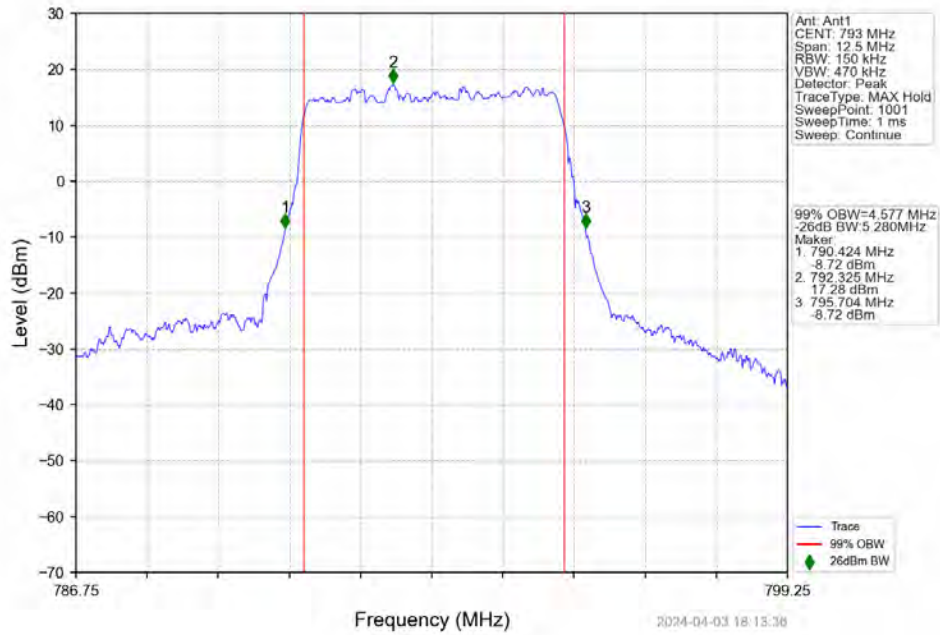
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 795.5MHz Outer Full



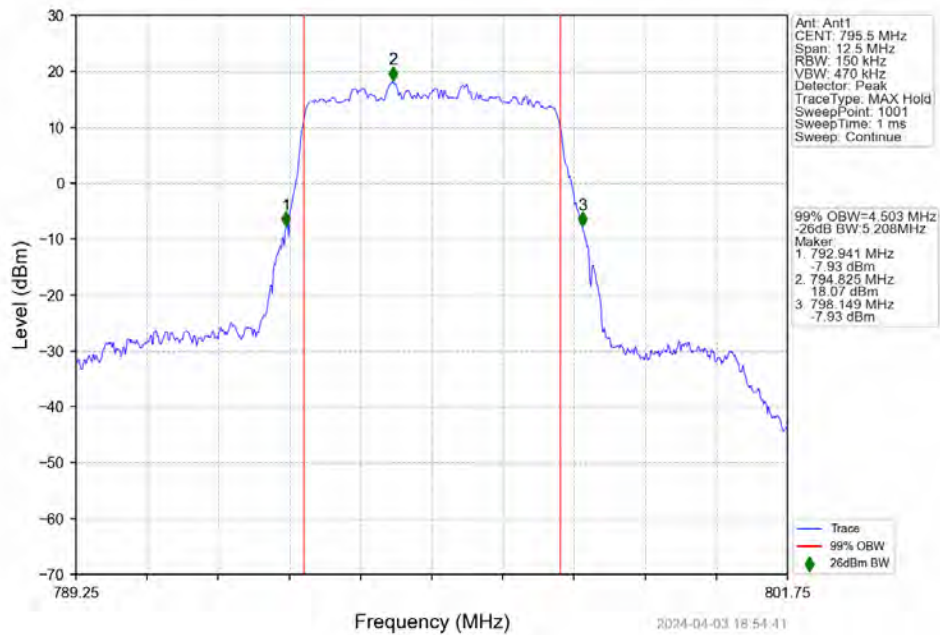
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 790.5MHz Outer Full



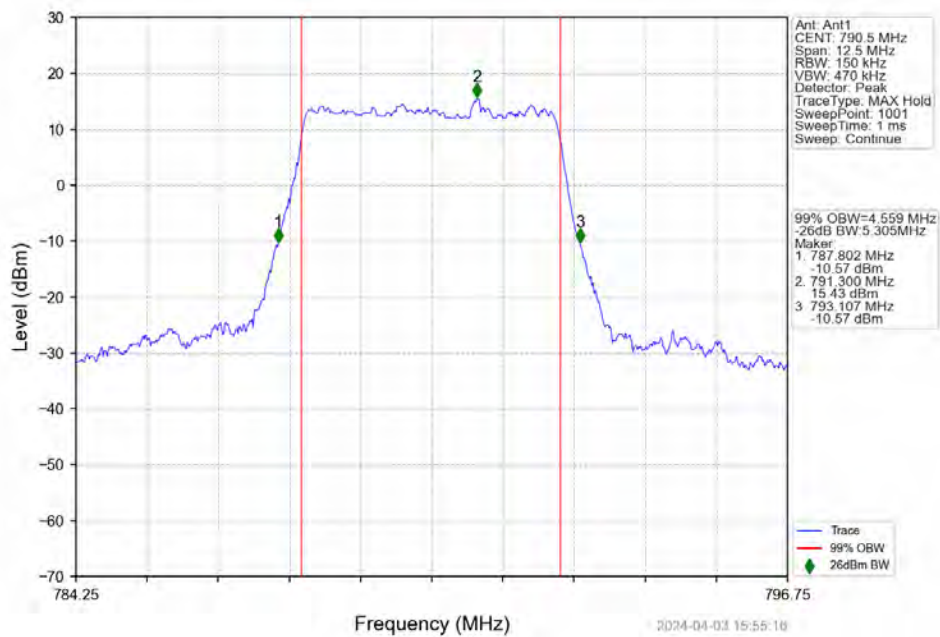
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 793MHz Outer Full



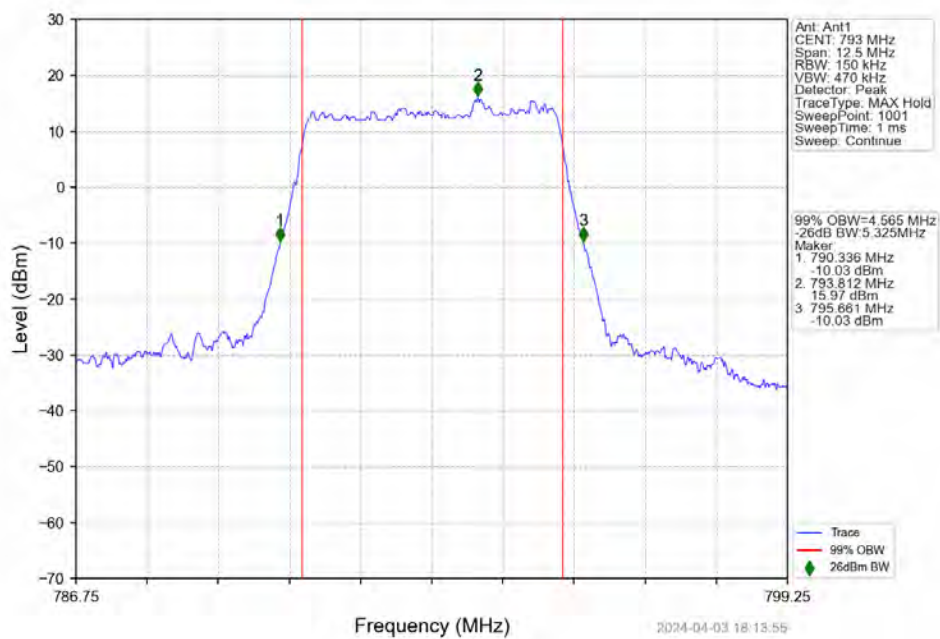
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 795.5MHz Outer Full



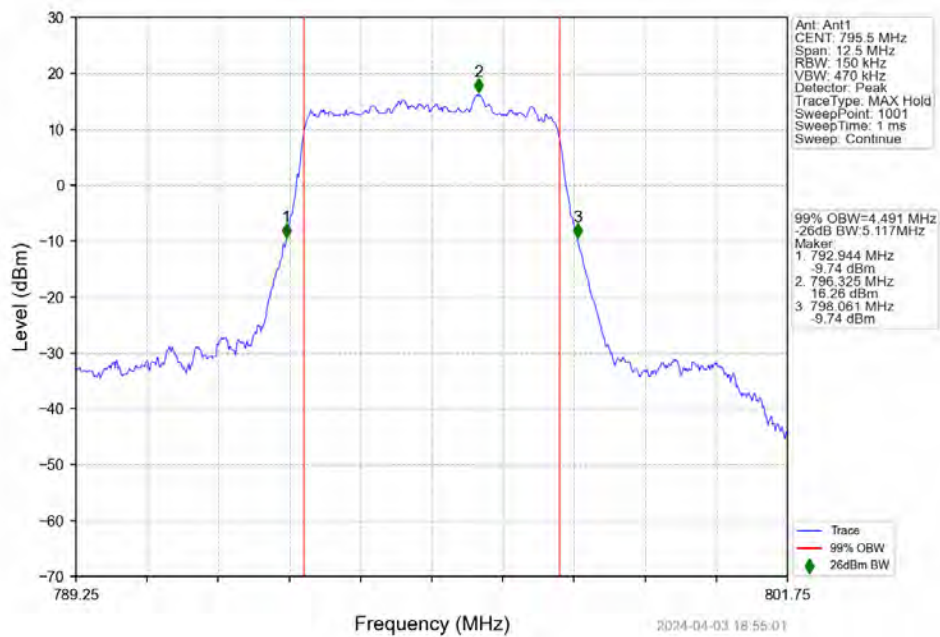
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 790.5MHz Outer Full



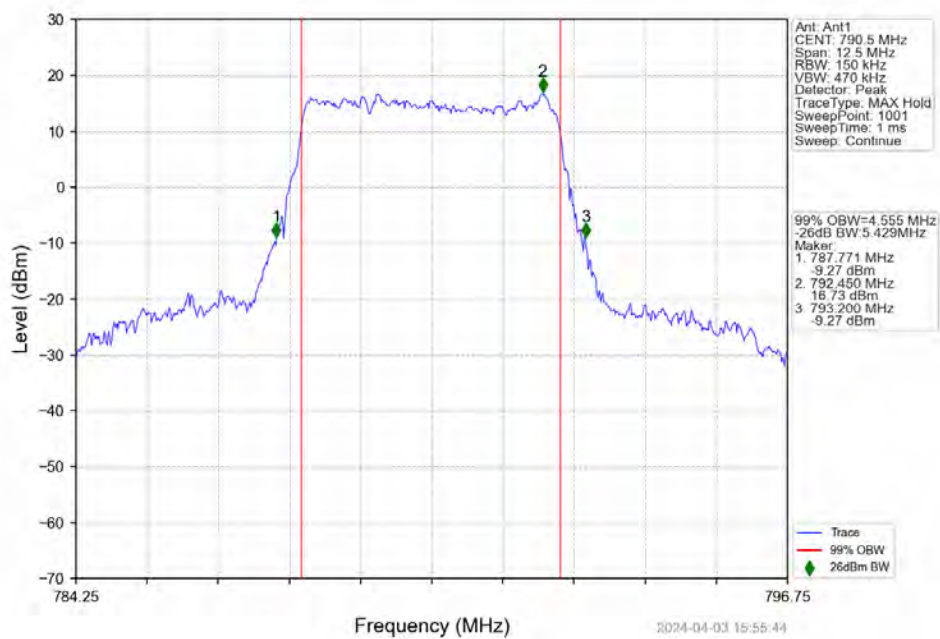
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 793MHz Outer Full



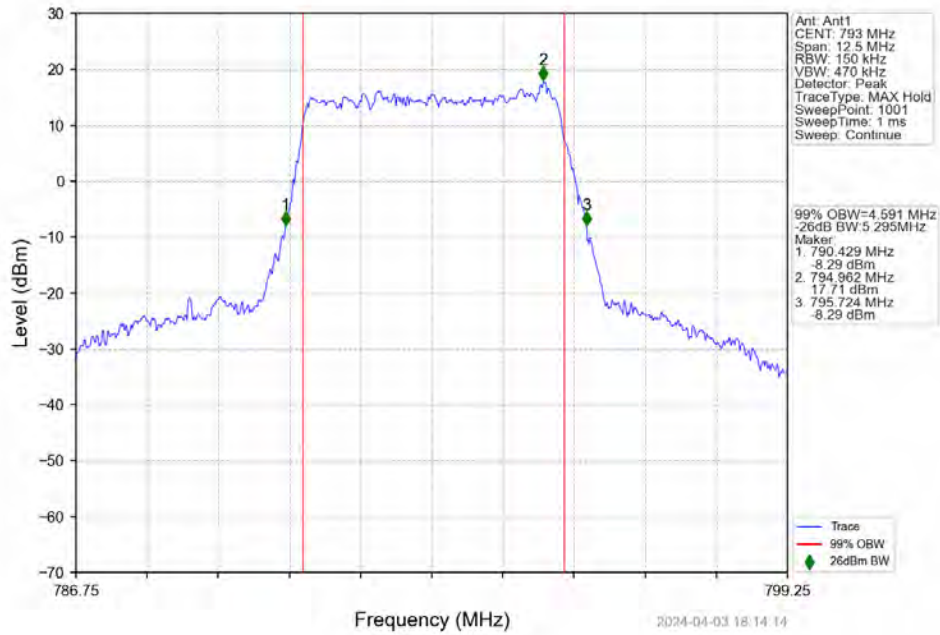
n14 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 795.5MHz Outer Full



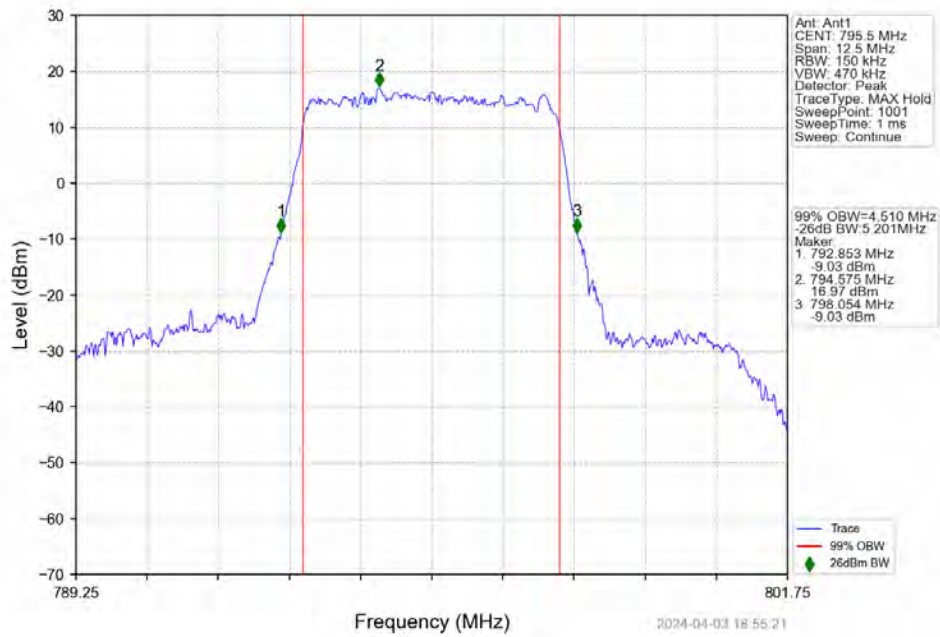
n14 15kHz SISO NTN 5MHz CP-OFDM QPSK 790.5MHz Outer Full



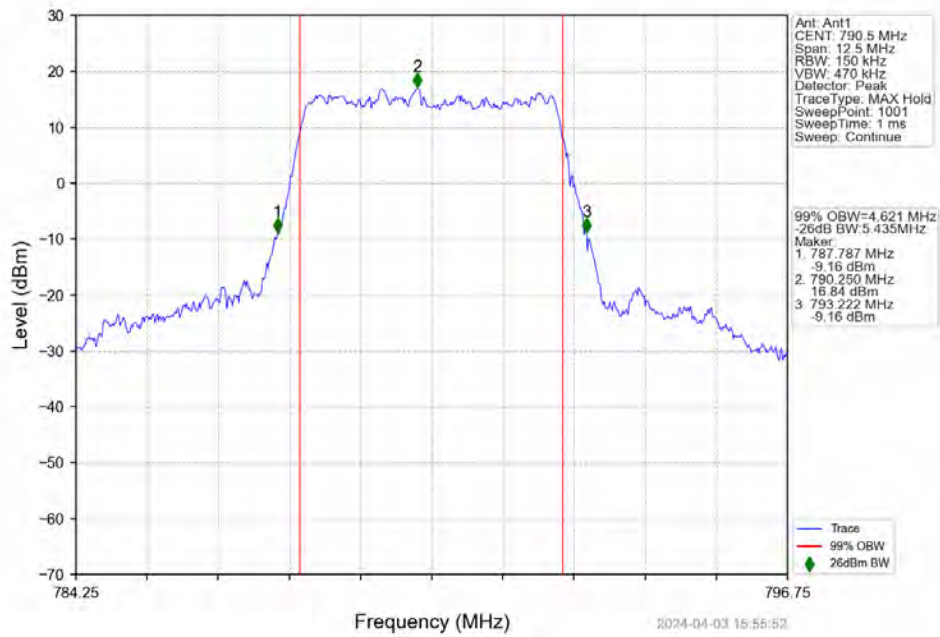
n14 15kHz SISO NTN 5MHz CP-OFDM QPSK 793MHz Outer Full



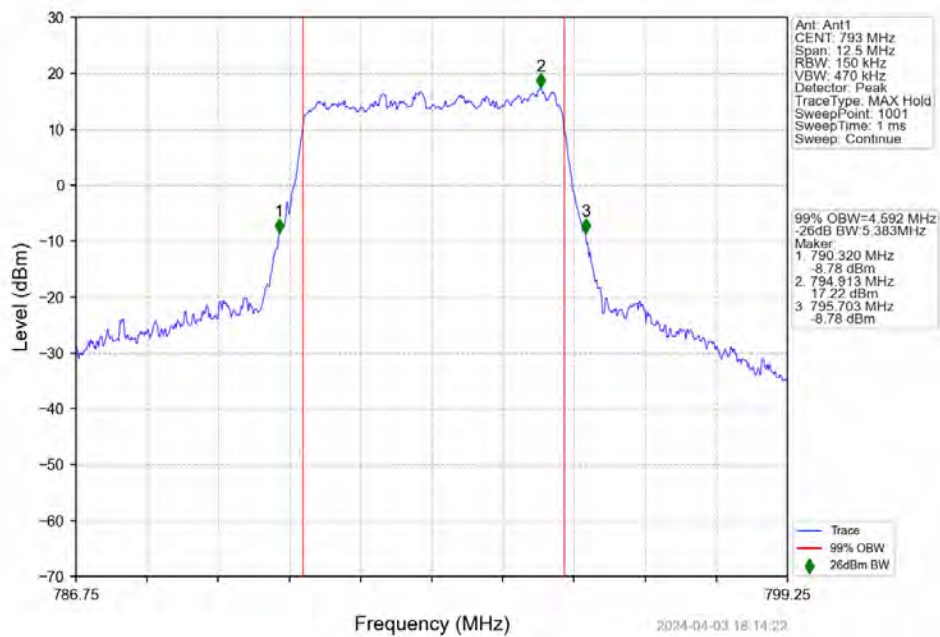
n14 15kHz SISO NTN 5MHz CP-OFDM QPSK 795.5MHz Outer Full



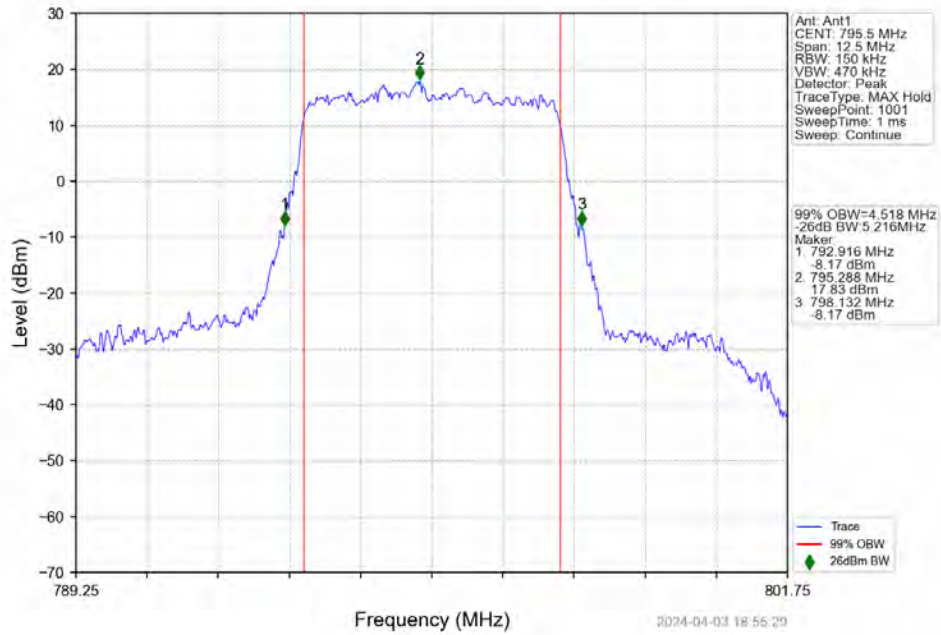
n14 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 790.5MHz Outer Full



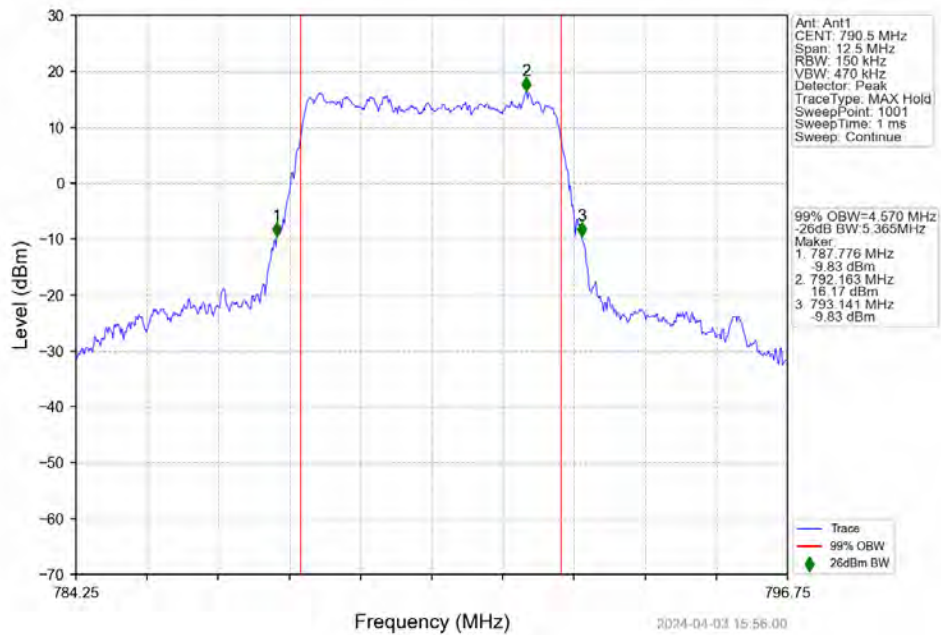
n14 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 793MHz Outer Full



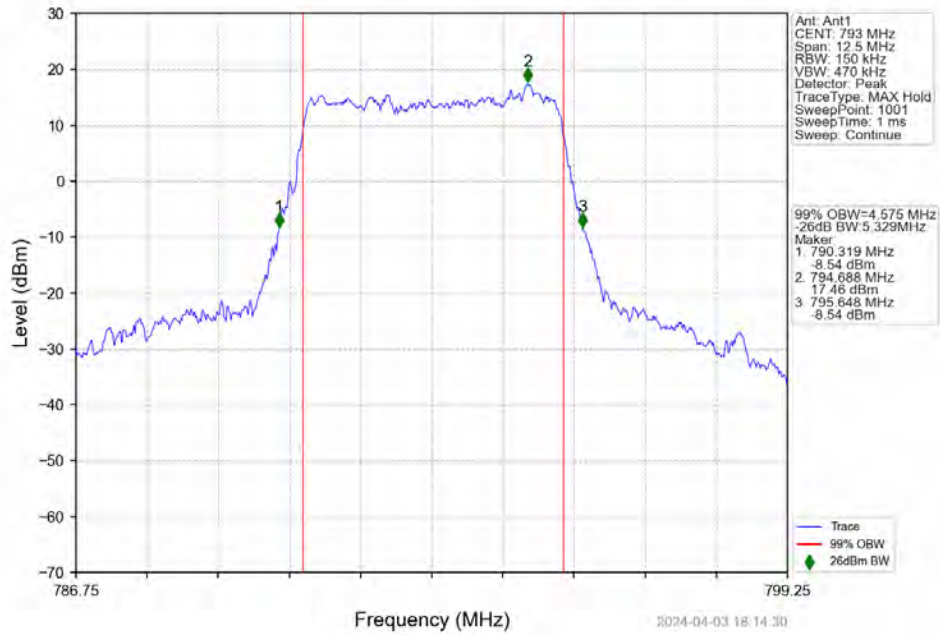
n14 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 795.5MHz Outer Full



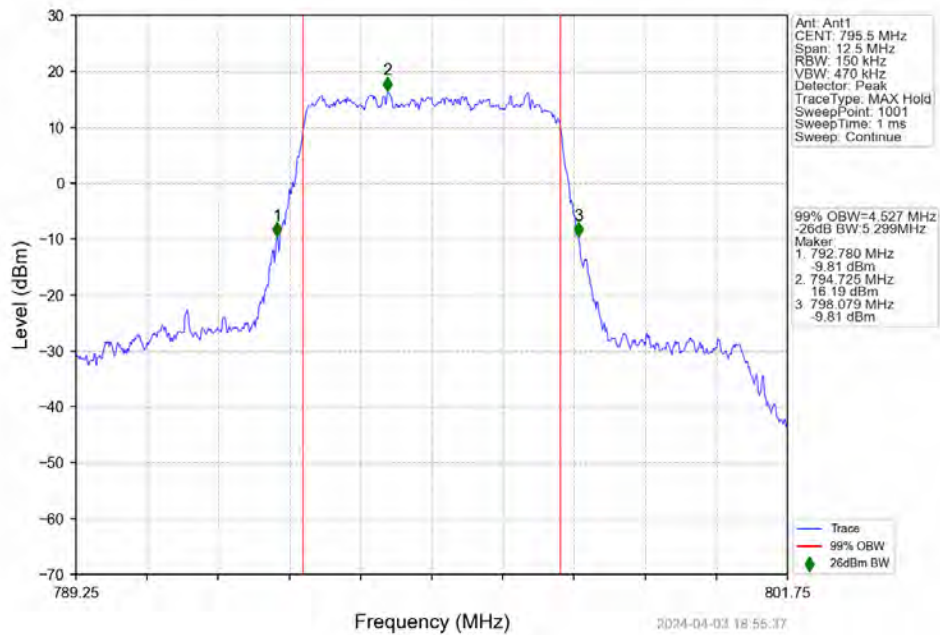
n14 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 790.5MHz Outer Full



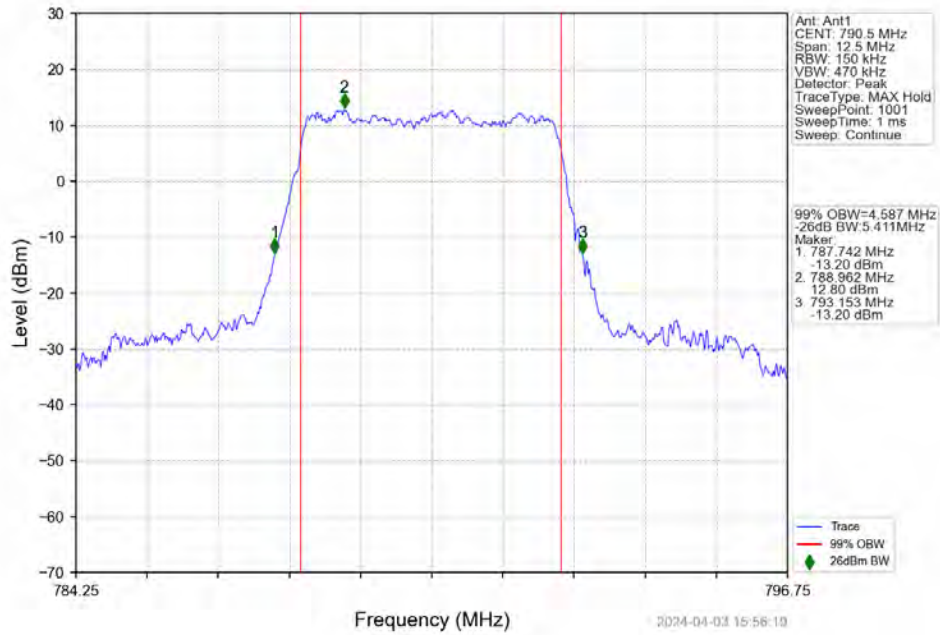
n14 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 793MHz Outer Full



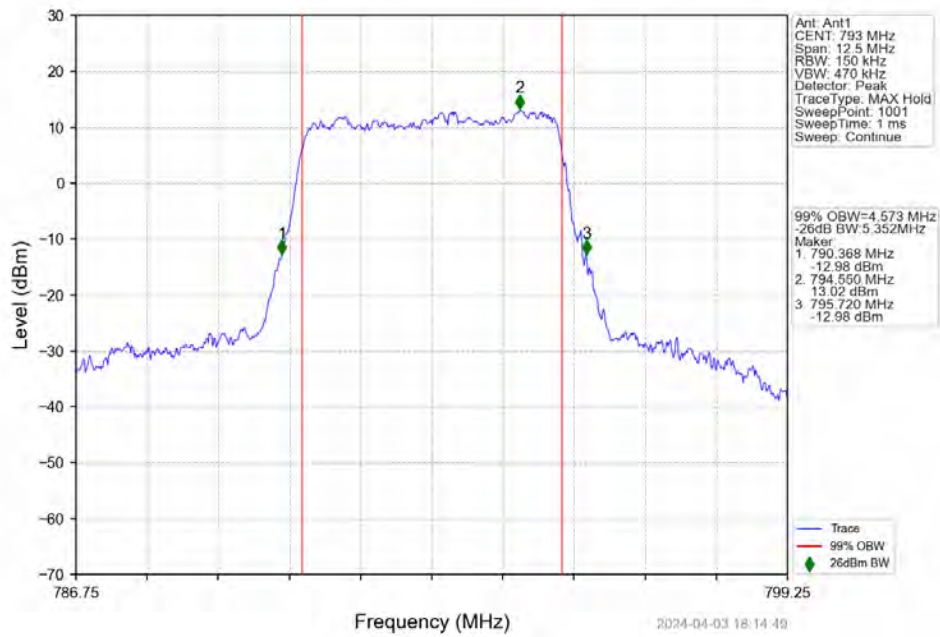
n14 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 795.5MHz Outer Full

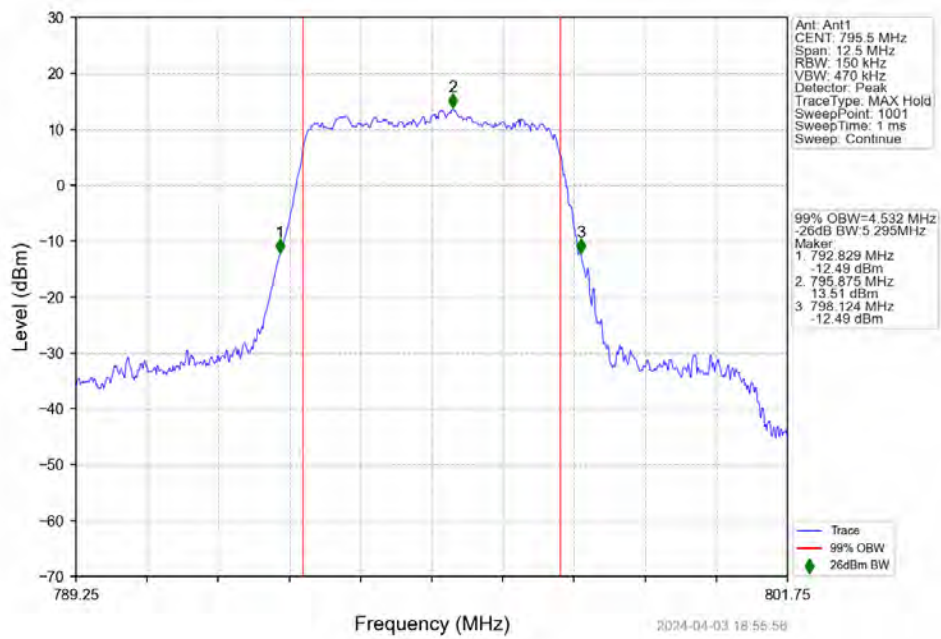


n14 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 790.5MHz Outer Full



n14 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 793MHz Outer Full



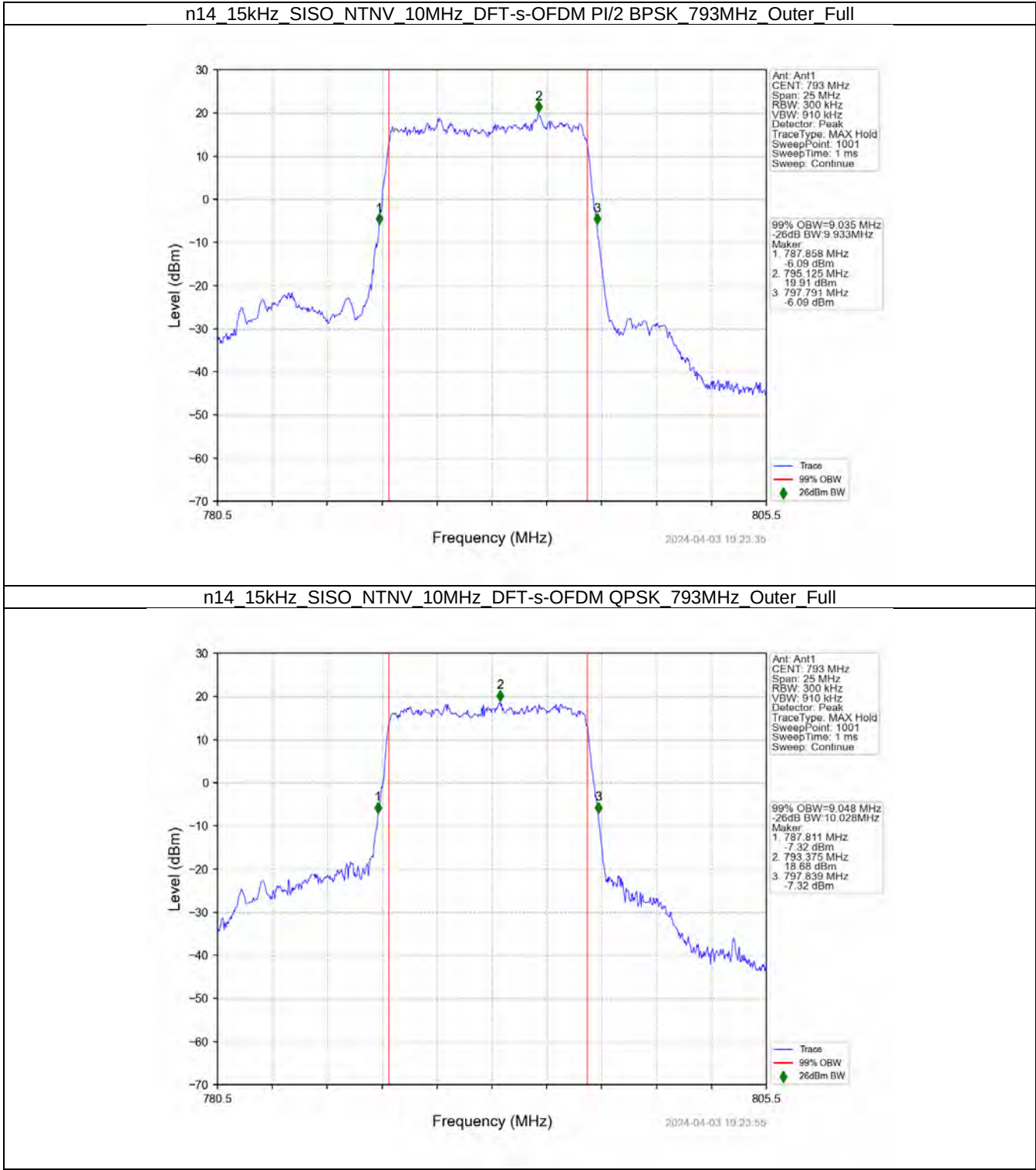


3.2 15k_SISO_10MHz_NTNV

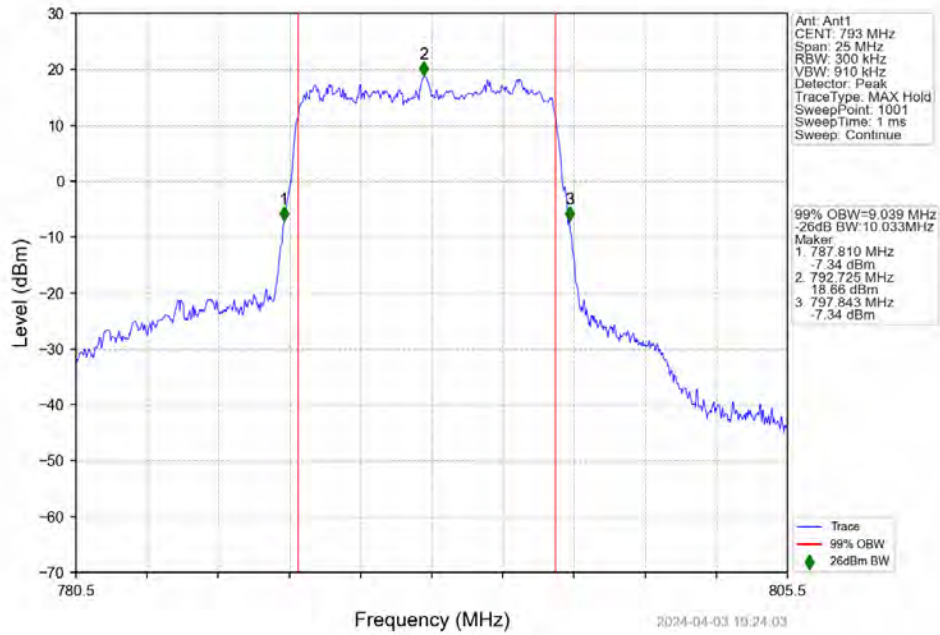
3.2.1 Test Result

5G NR n14 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	793	Outer_Full	9.04	9.93	/	Pass
DFT-s-OFDM QPSK	793	Outer_Full	9.05	10.03	/	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	9.04	10.03	/	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	9.03	9.97	/	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	9.04	9.92	/	Pass
CP-OFDM QPSK	793	Outer_Full	9.35	10.36	/	Pass
CP-OFDM 16 QAM	793	Outer_Full	9.36	10.28	/	Pass
CP-OFDM 64 QAM	793	Outer_Full	9.31	10.27	/	Pass
CP-OFDM 256 QAM	793	Outer_Full	9.38	10.36	/	Pass

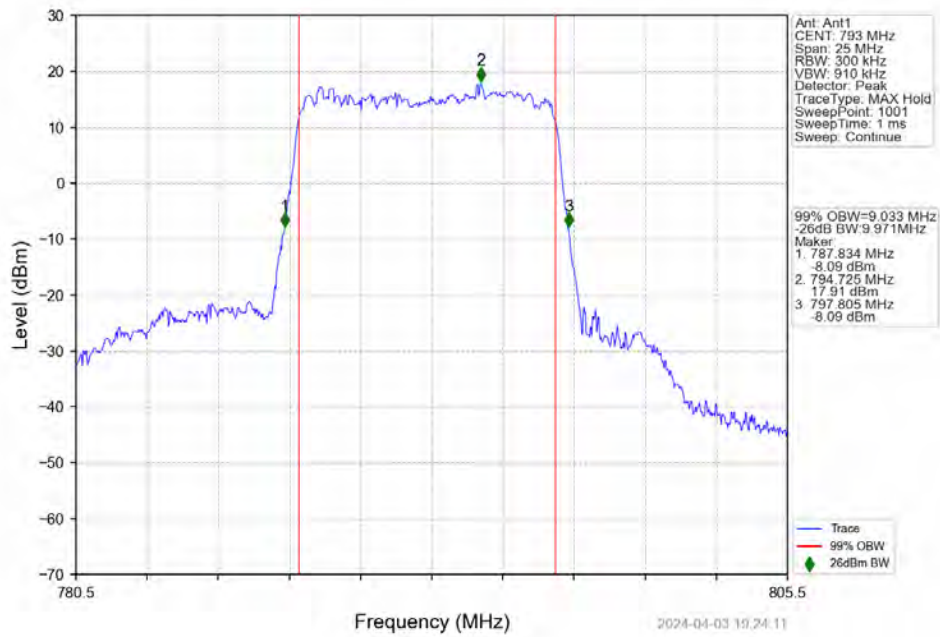
3.2.2 Test Graph



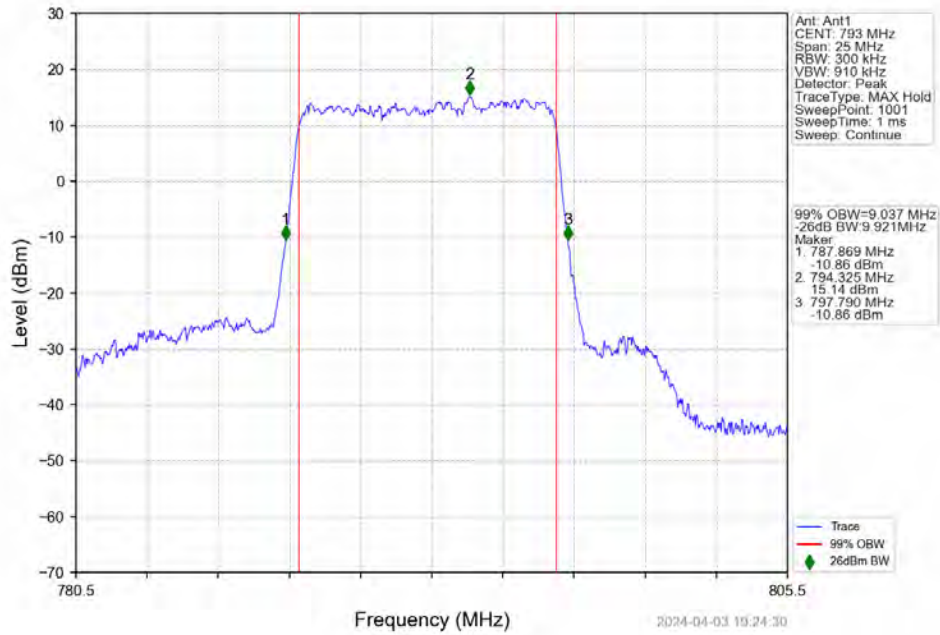
n14 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 793MHz Outer Full



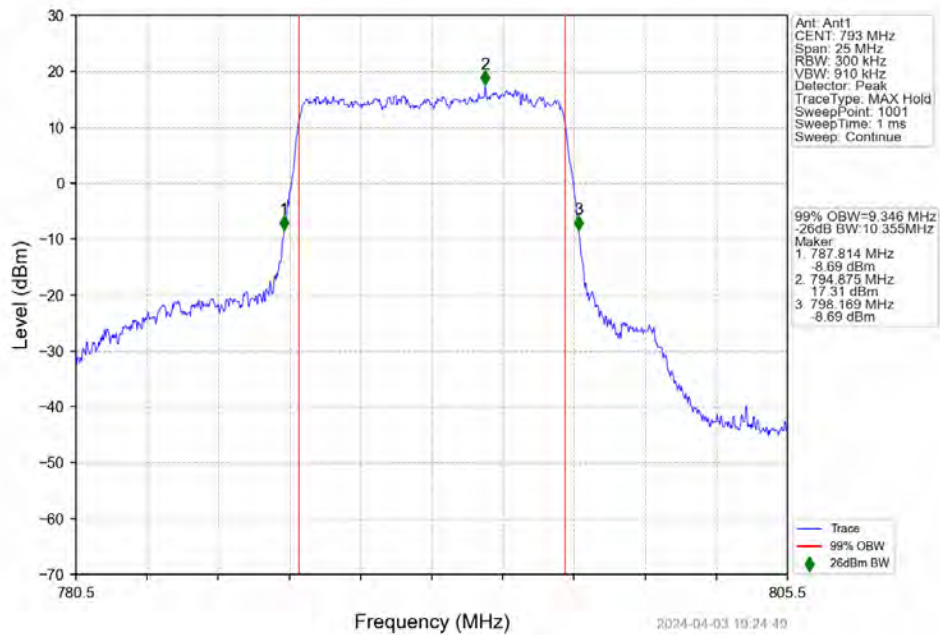
n14 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 793MHz Outer Full



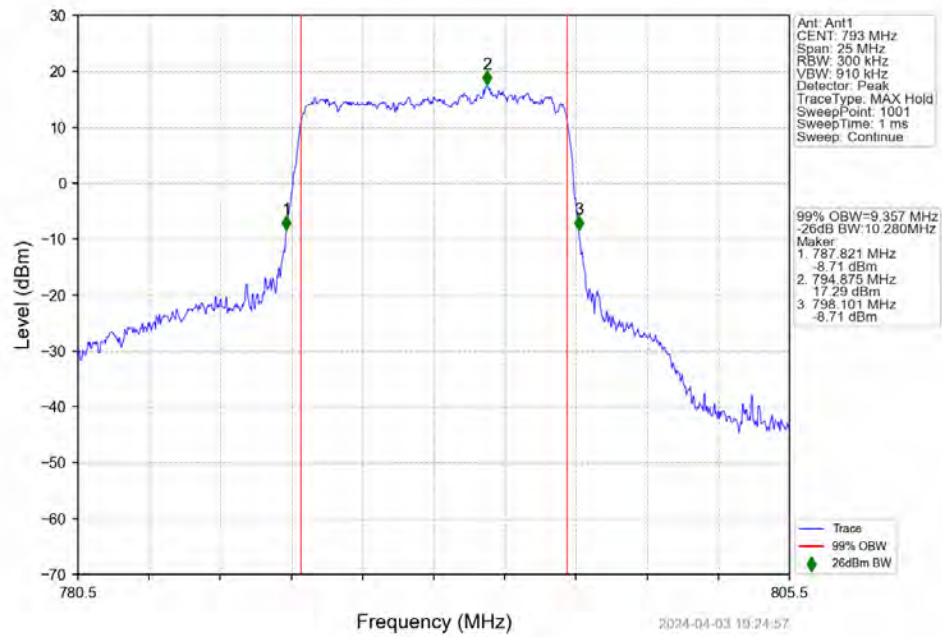
n14 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 793MHz Outer Full



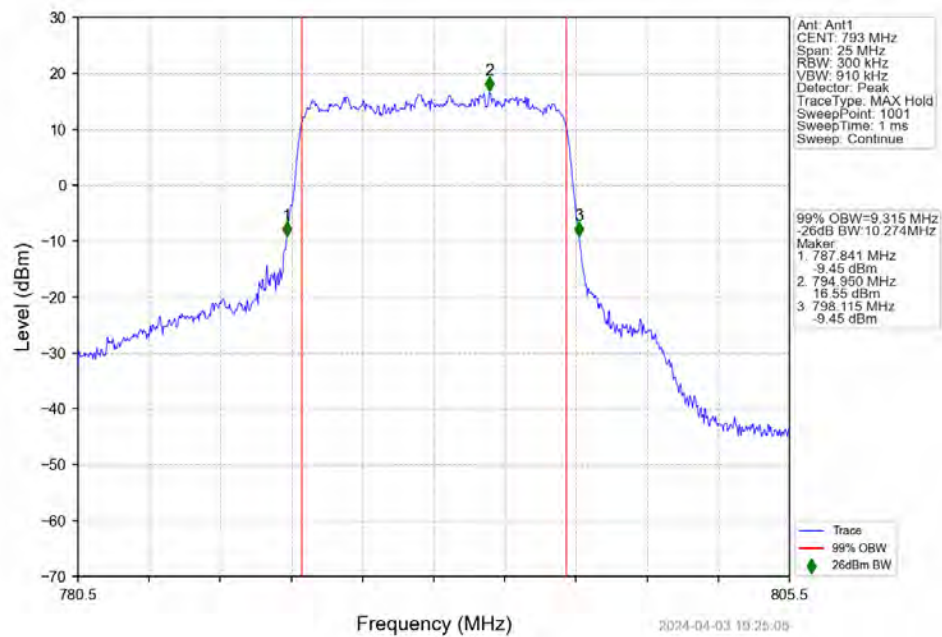
n14 15kHz SISO NTN 10MHz CP-OFDM QPSK 793MHz Outer Full



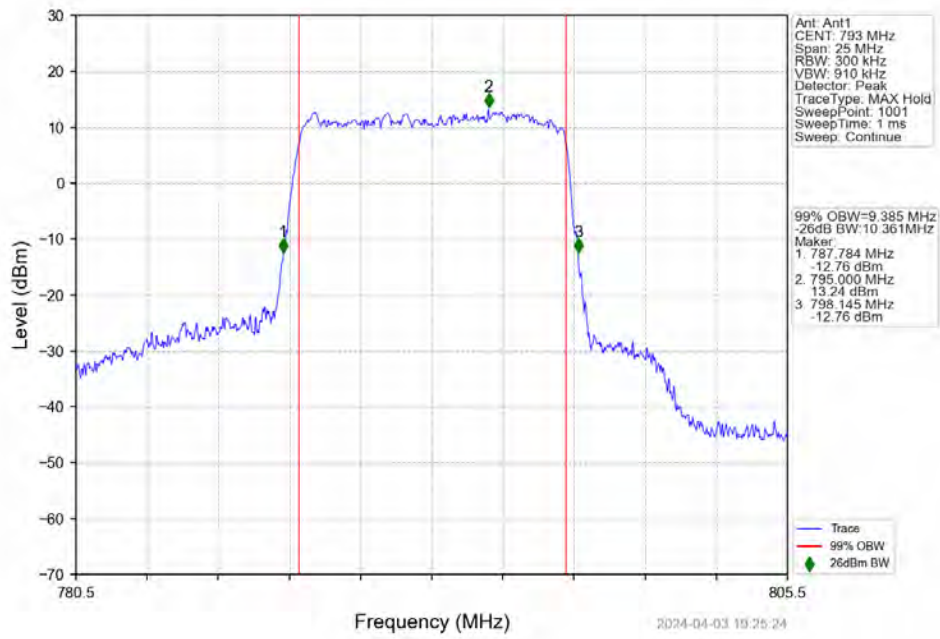
n14 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 793MHz Outer Full



n14 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 793MHz Outer Full



n14 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 793MHz Outer Full



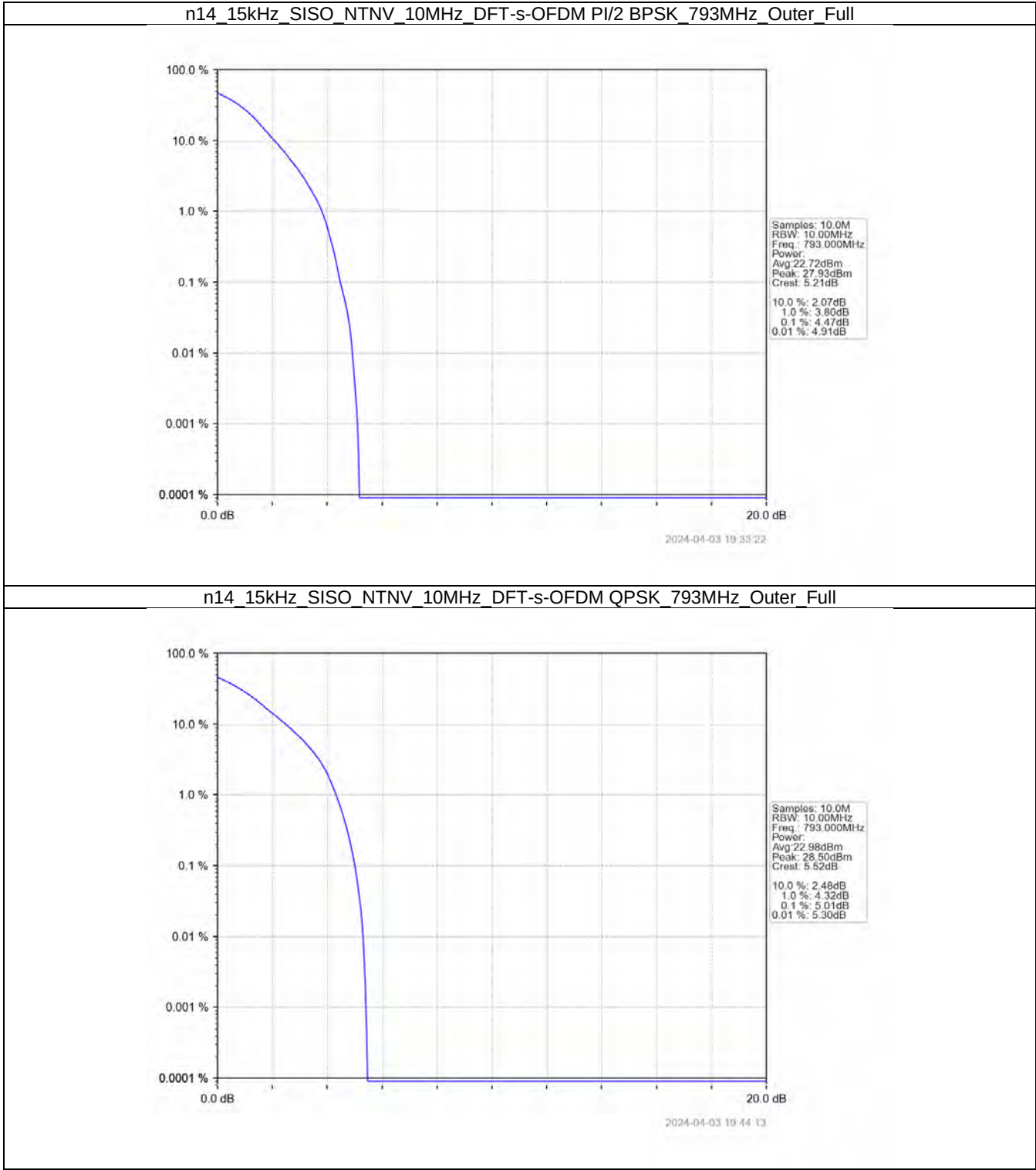
4. Peak-Average Ratio

4.1 15k_SISO_10MHz_NTNV

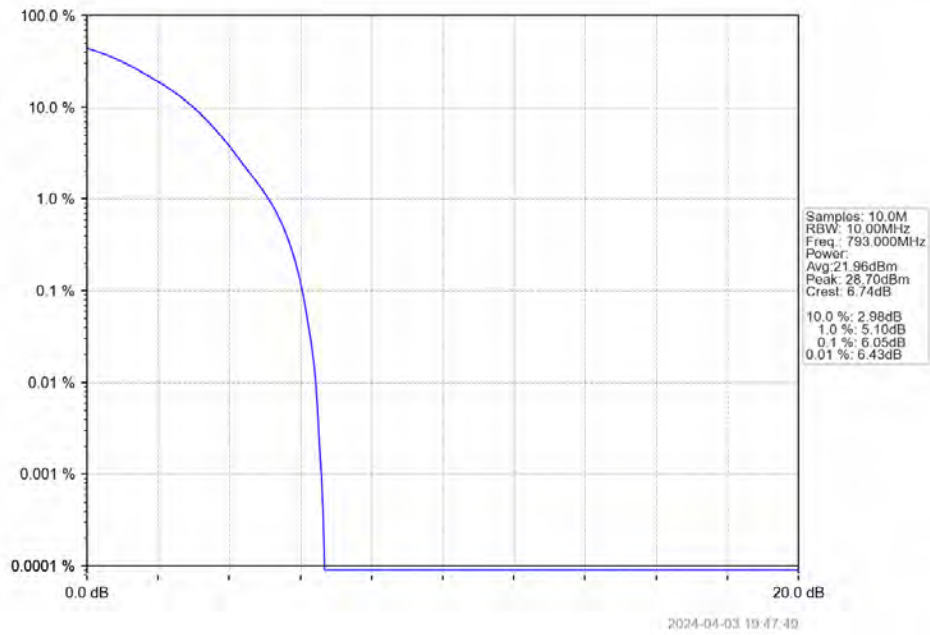
4.1.1 Test Result

5G NR n14 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	793	Outer_Full	4.47	/	/	<=13	Pass
DFT-s-OFDM QPSK	793	Outer_Full	5.01	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	6.05	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	6.40	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	6.78	/	/	<=13	Pass
CP-OFDM QPSK	793	Outer_Full	7.24	/	/	<=13	Pass
CP-OFDM 16 QAM	793	Outer_Full	7.24	/	/	<=13	Pass
CP-OFDM 64 QAM	793	Outer_Full	7.63	/	/	<=13	Pass
CP-OFDM 256 QAM	793	Outer_Full	8.85	/	/	<=13	Pass

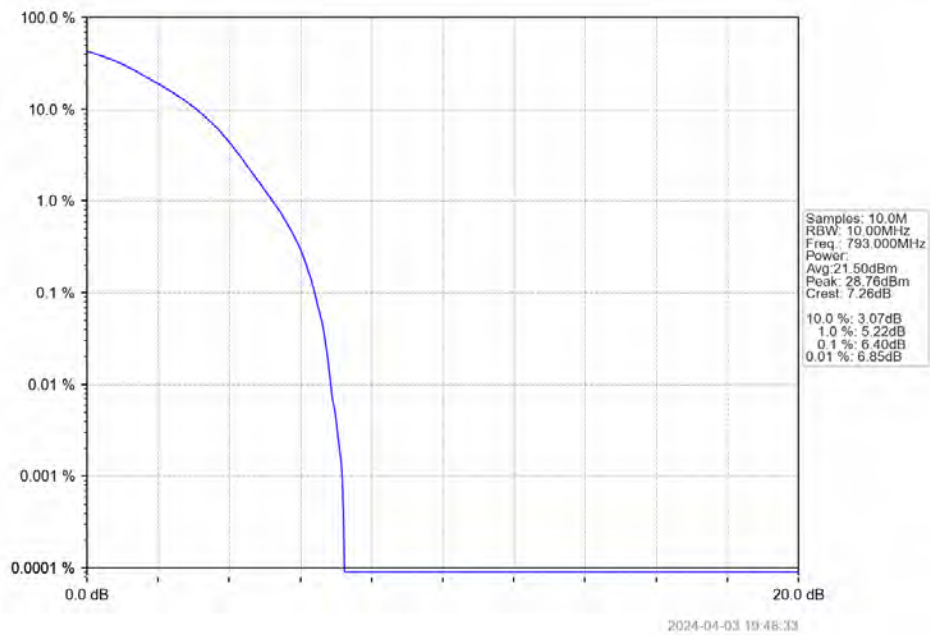
4.1.2 Test Graph



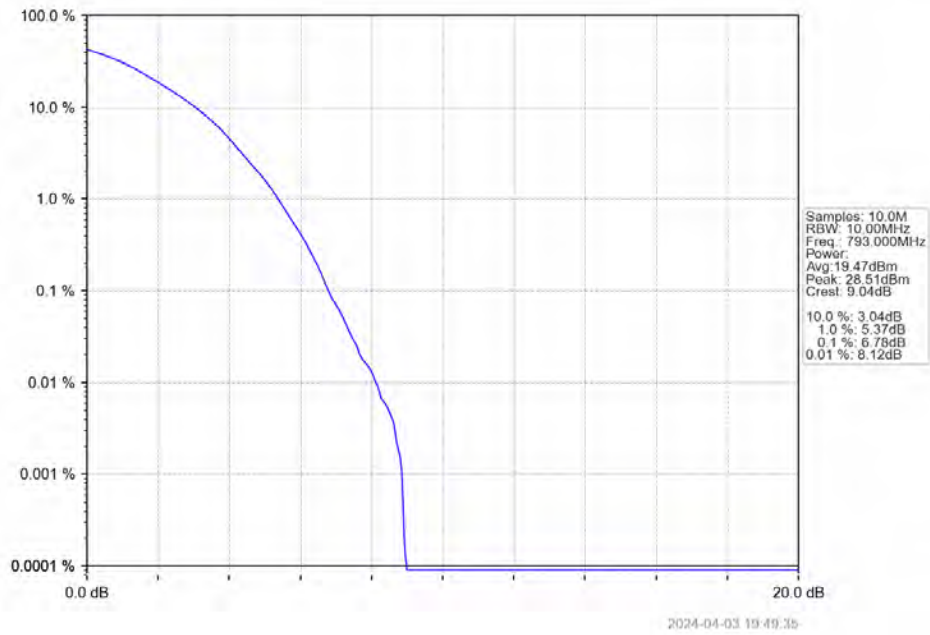
n14 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 793MHz Outer Full



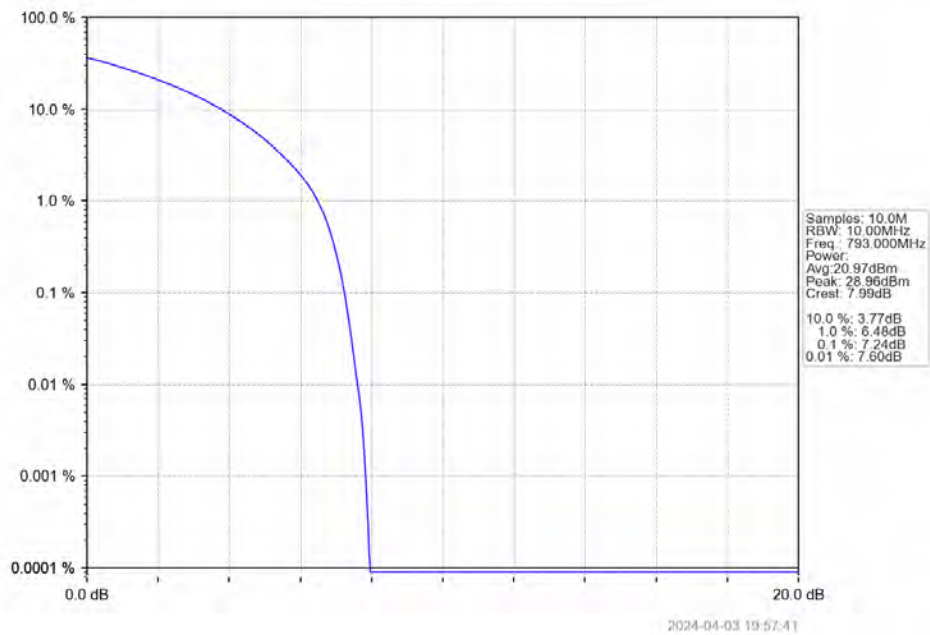
n14 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 793MHz Outer Full



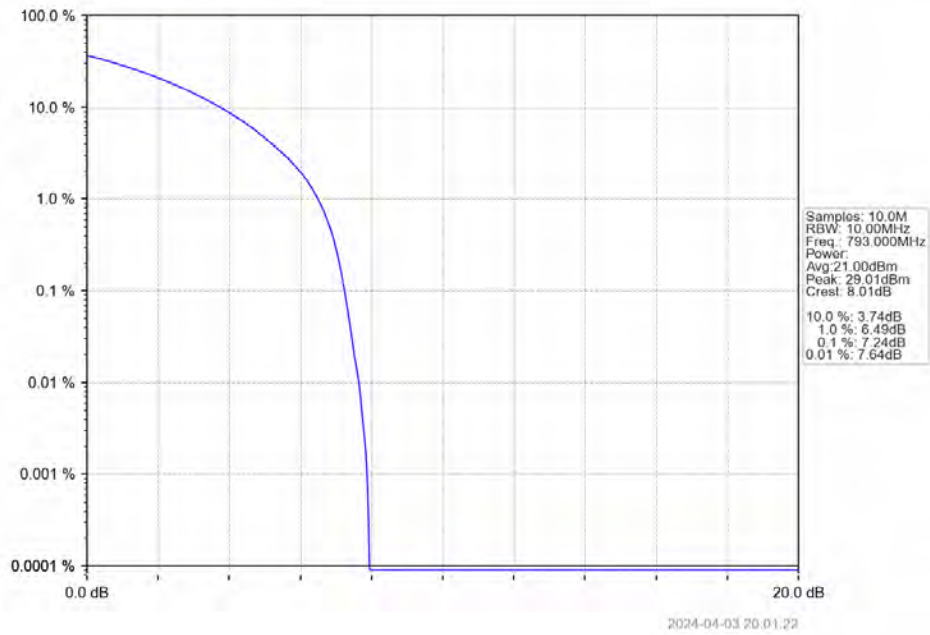
n14 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 793MHz Outer Full



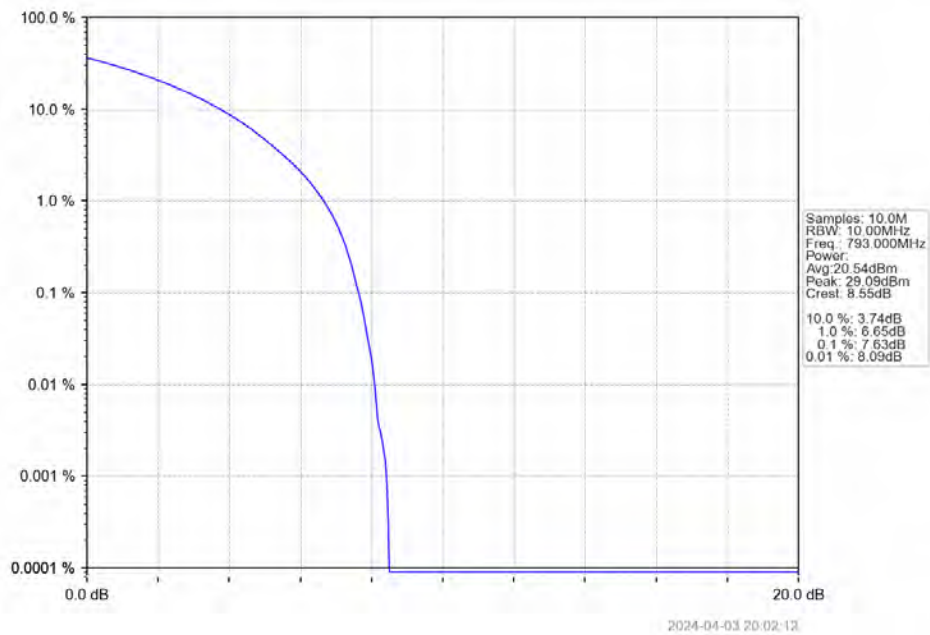
n14 15kHz SISO NTN 10MHz CP-OFDM QPSK 793MHz Outer Full



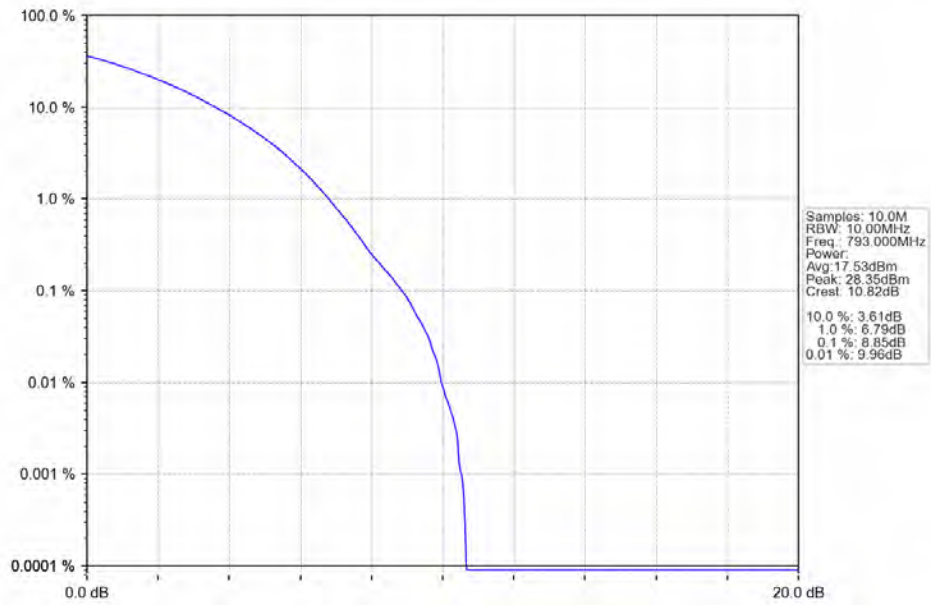
n14 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 793MHz Outer Full



n14 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 793MHz Outer Full



n14 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 793MHz Outer Full



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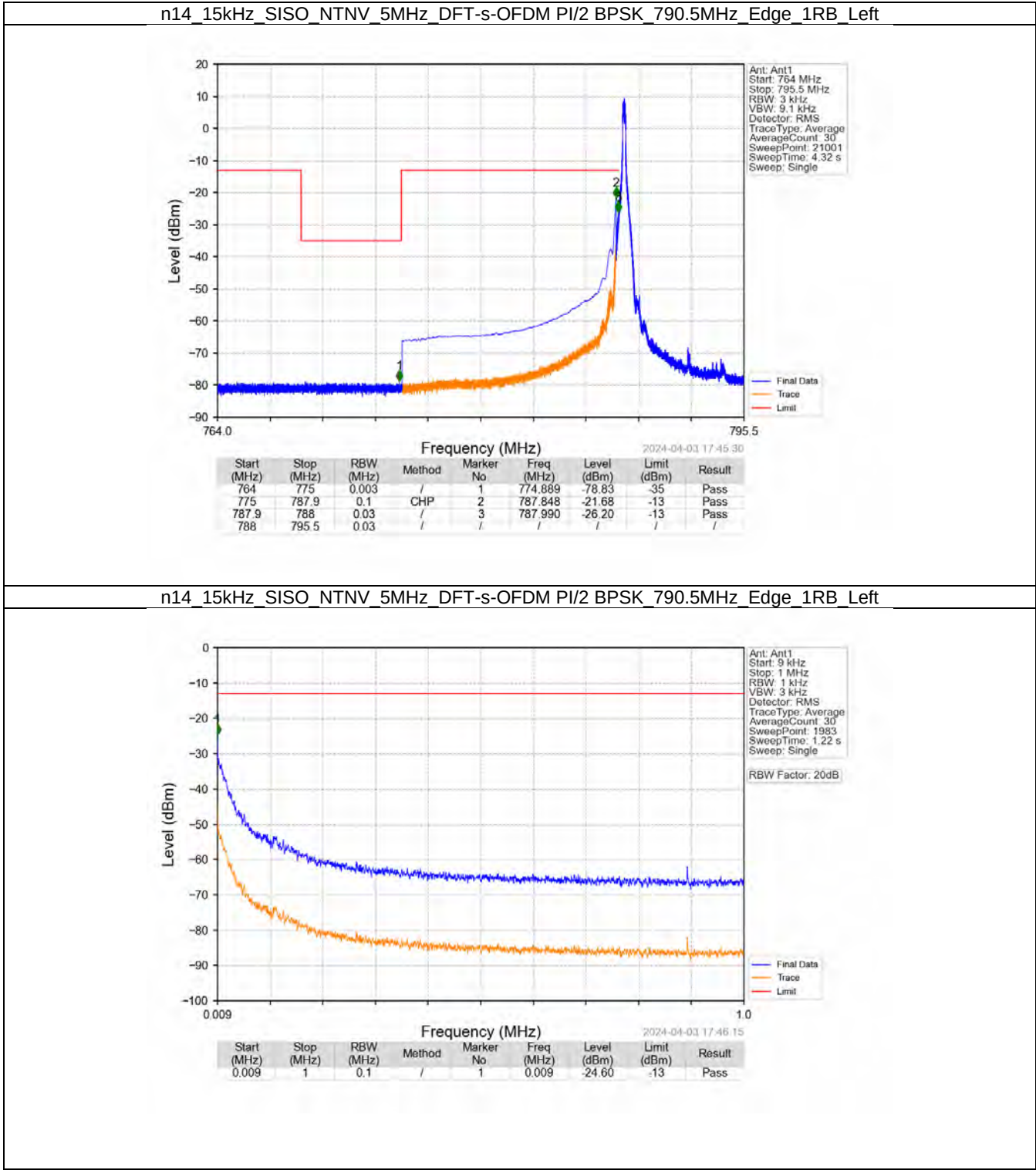
5. Spurious Emission

5.1 15k_SISO_5MHz_NTNV

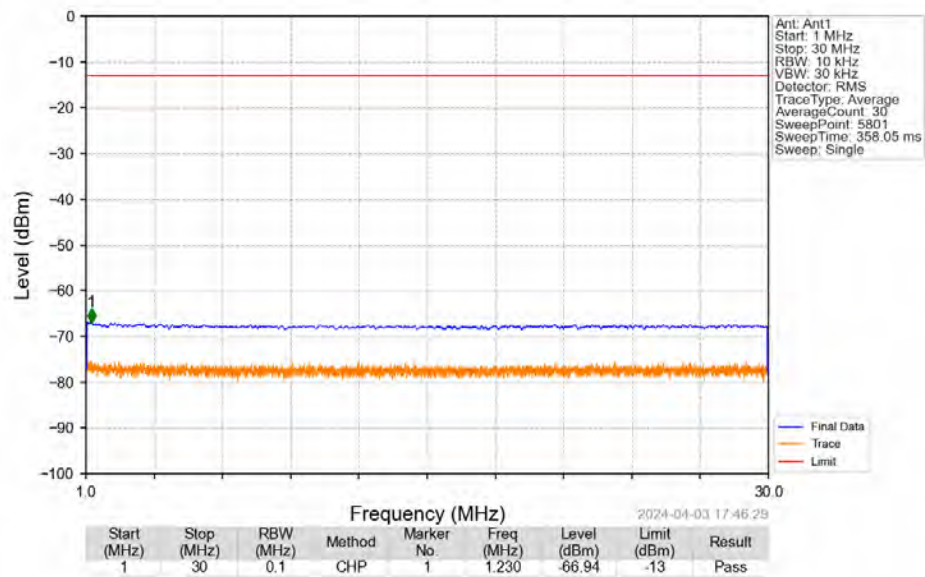
5.1.1 Test Result

5G NR n14 SCS=15kHz SISO 5MHz NTN								
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	
		Inner 1RB Left	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
			Inner 1RB Right	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	
		Inner 1RB Left	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
			Inner 1RB Right	Refer To Test Graph				Pass

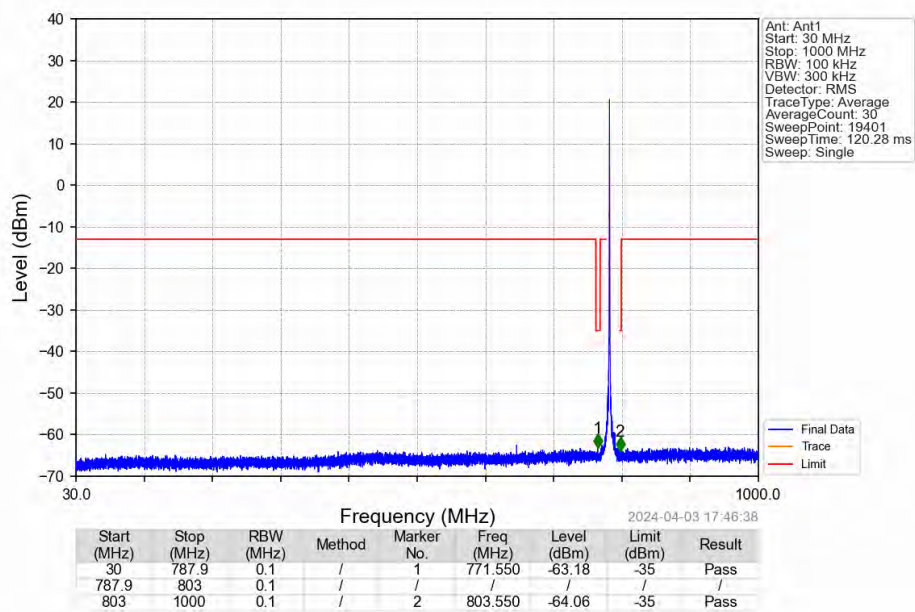
5.1.2 Test Graph



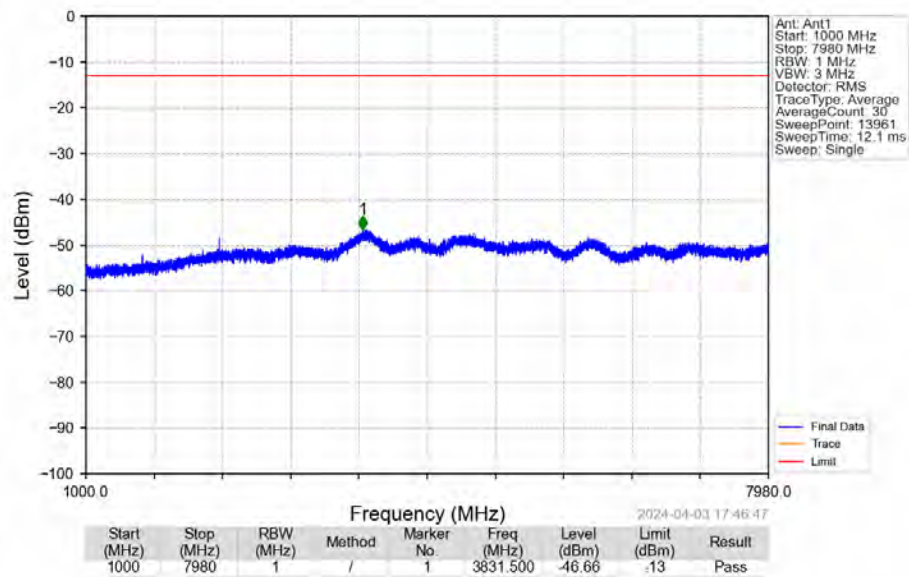
n14 15kHz SISO NTNv 5MHz DFT-s-OFDM PI/2 BPSK 790.5MHz Edge 1RB Left



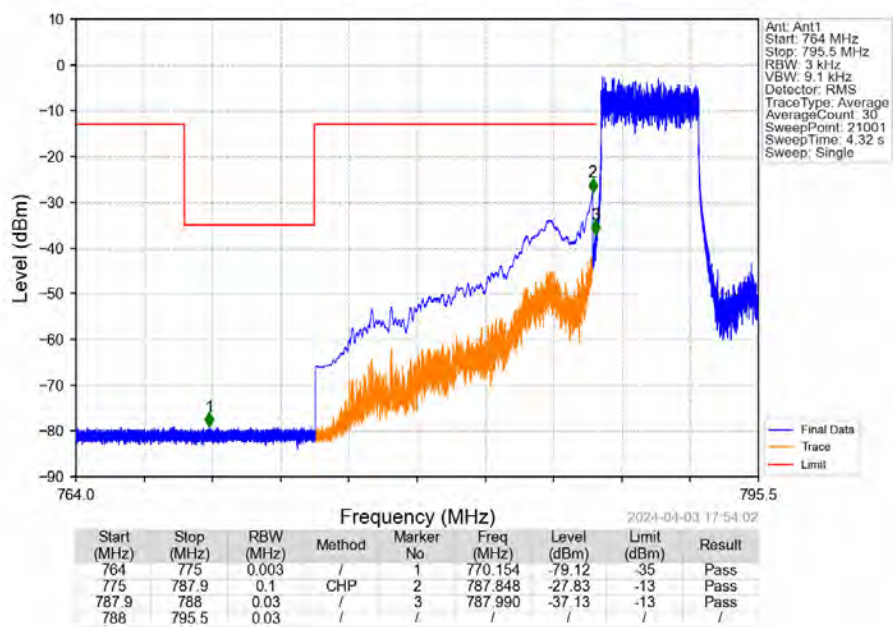
n14 15kHz SISO NTNv 5MHz DFT-s-OFDM PI/2 BPSK 790.5MHz Edge 1RB Left



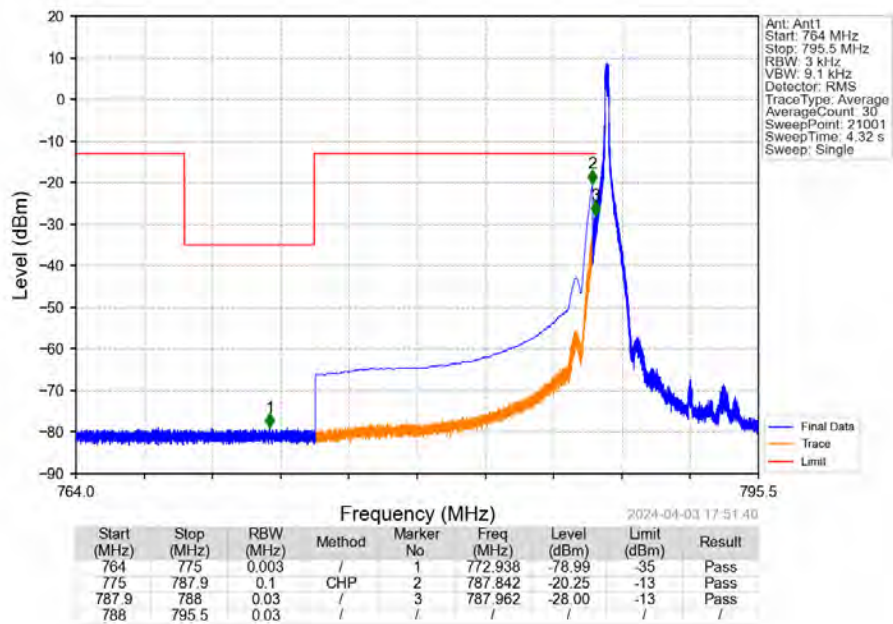
n14 15kHz SISO NTNv 5MHz DFT-s-OFDM PI/2 BPSK 790.5MHz Edge 1RB Left



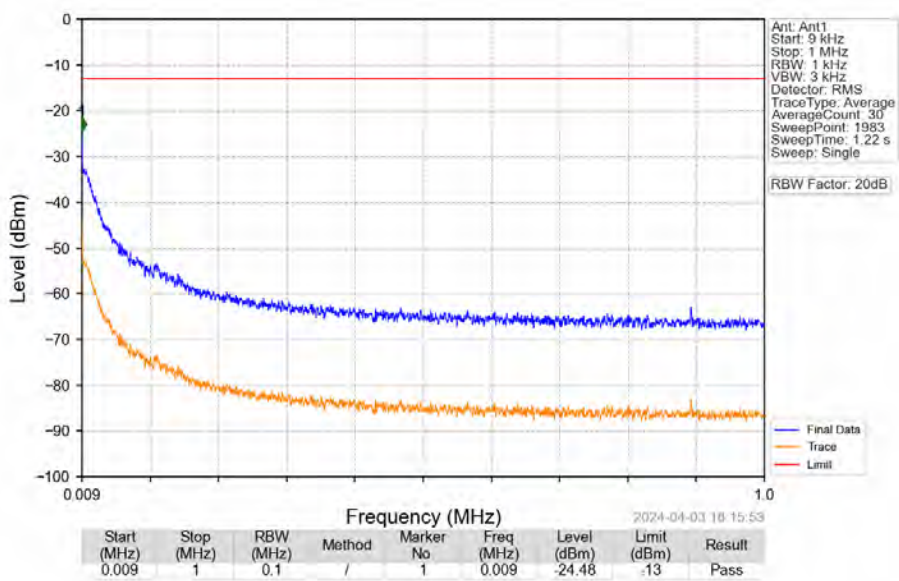
n14 15kHz SISO NTNv 5MHz DFT-s-OFDM PI/2 BPSK 790.5MHz Outer Full



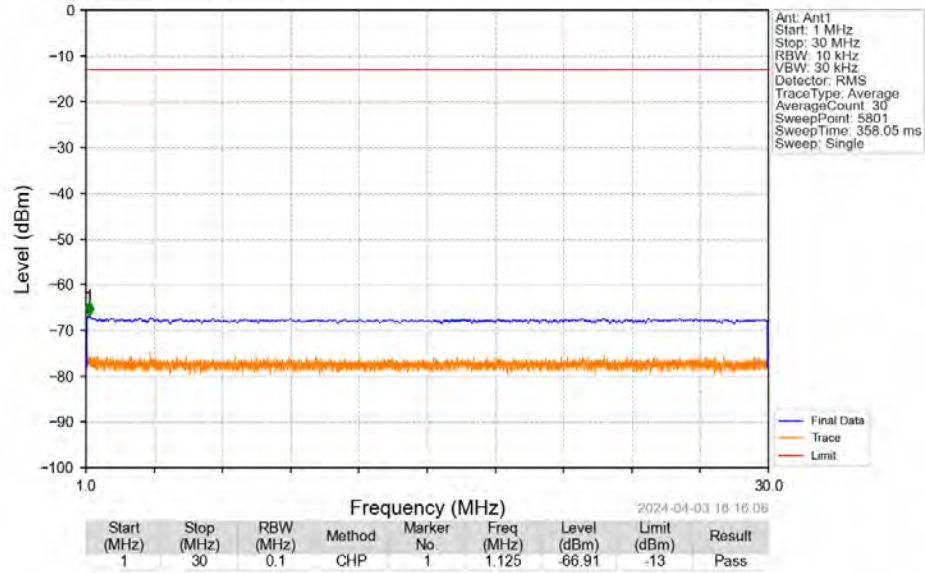
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 790.5MHz Inner 1RB Left



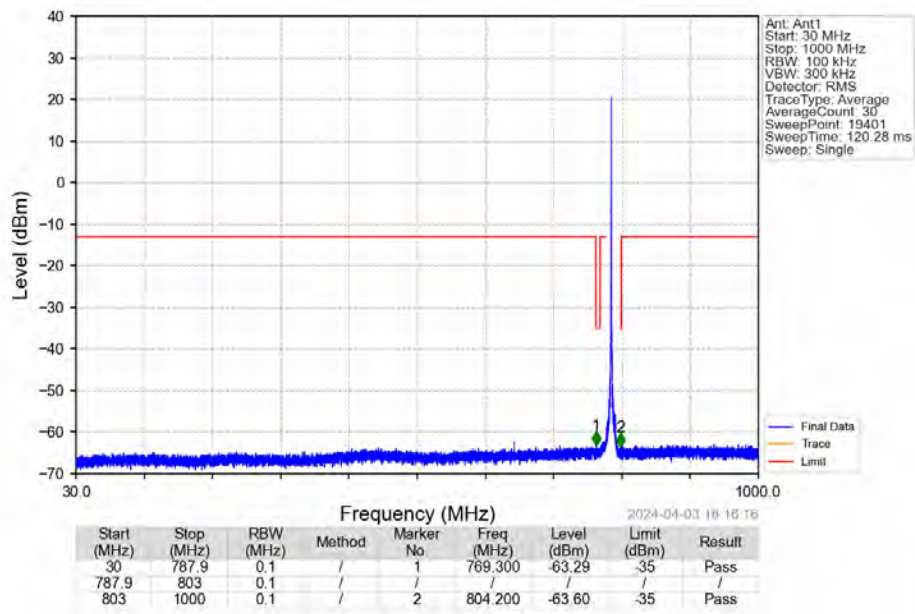
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



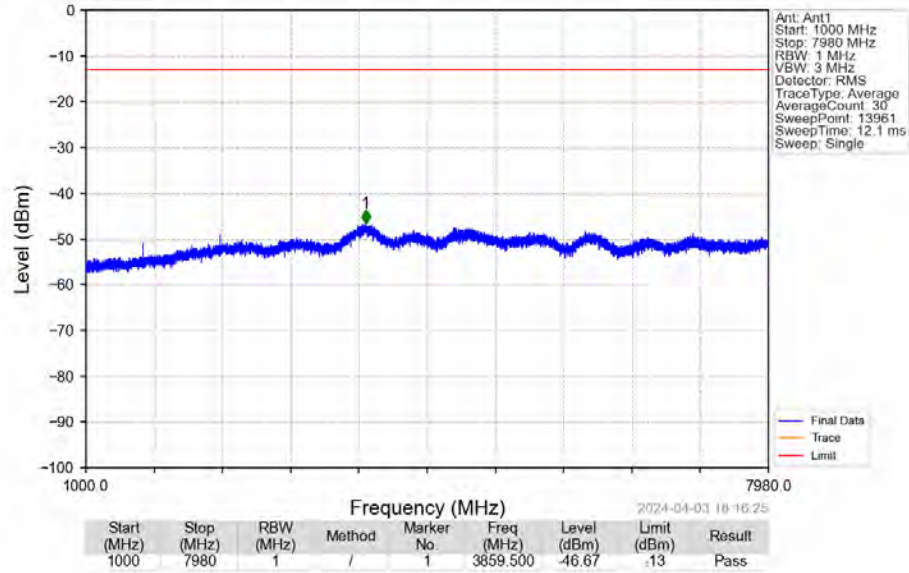
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



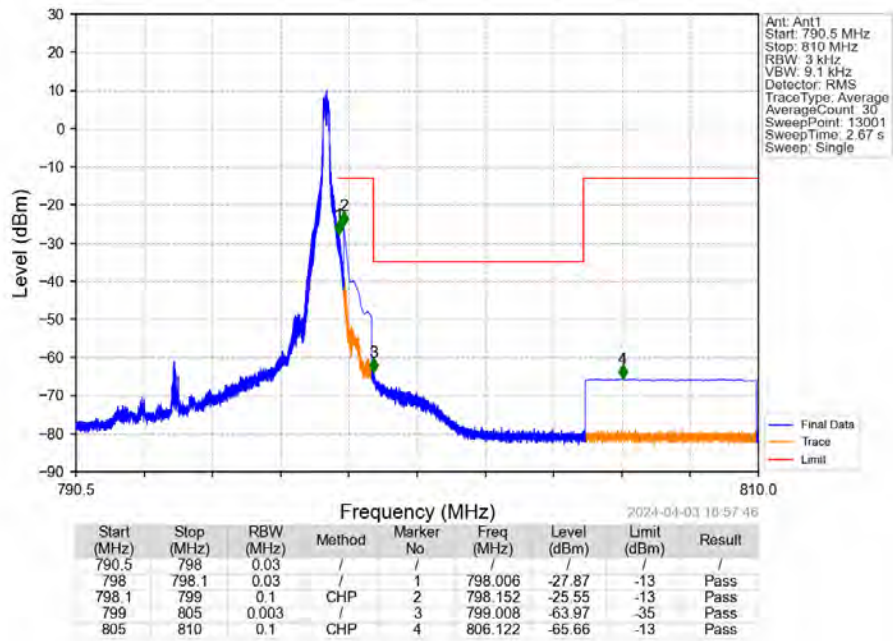
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



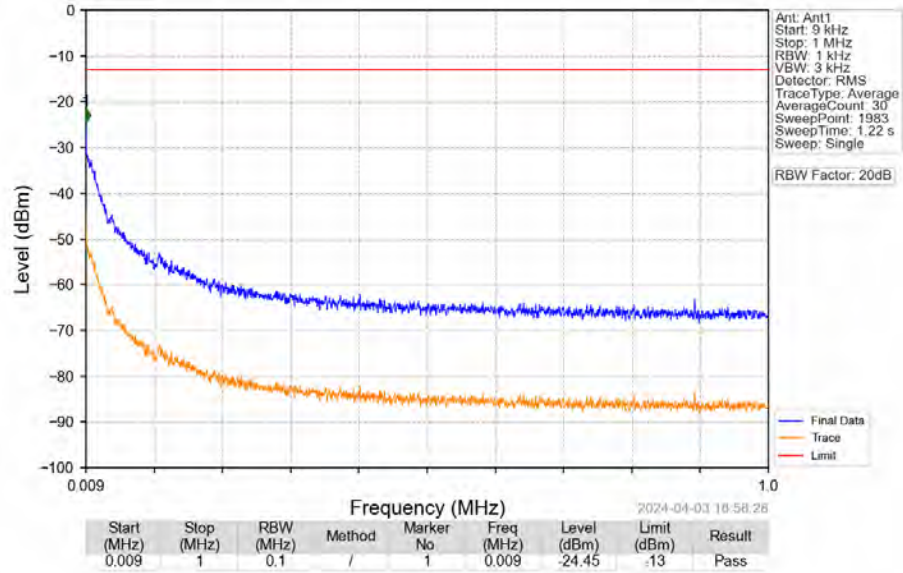
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



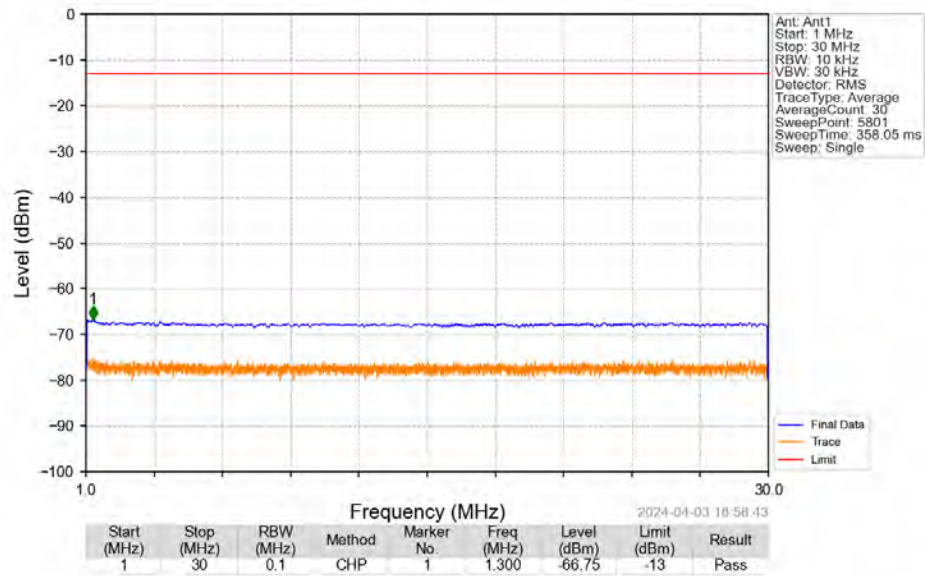
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 795.5MHz Edge 1RB Right



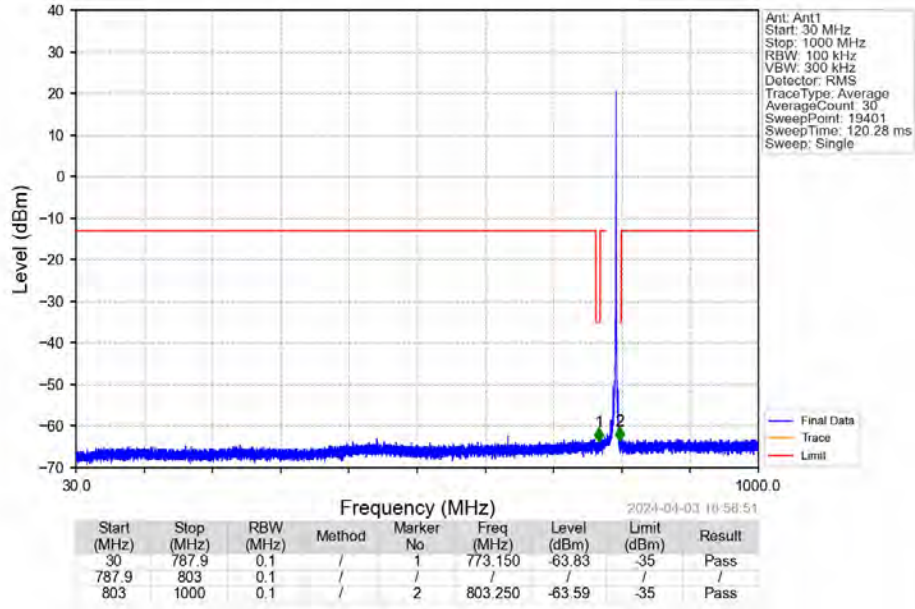
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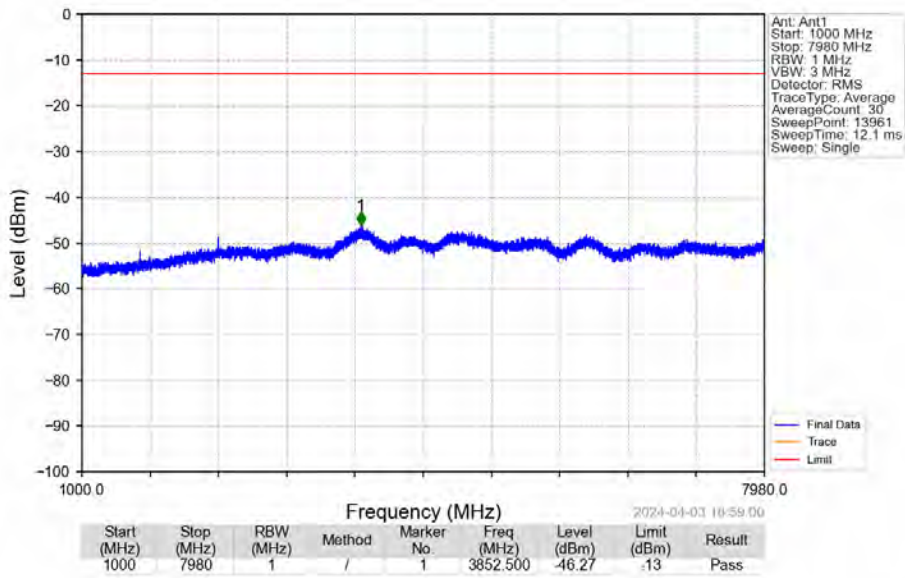
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 795.5MHz Edge 1RB Right



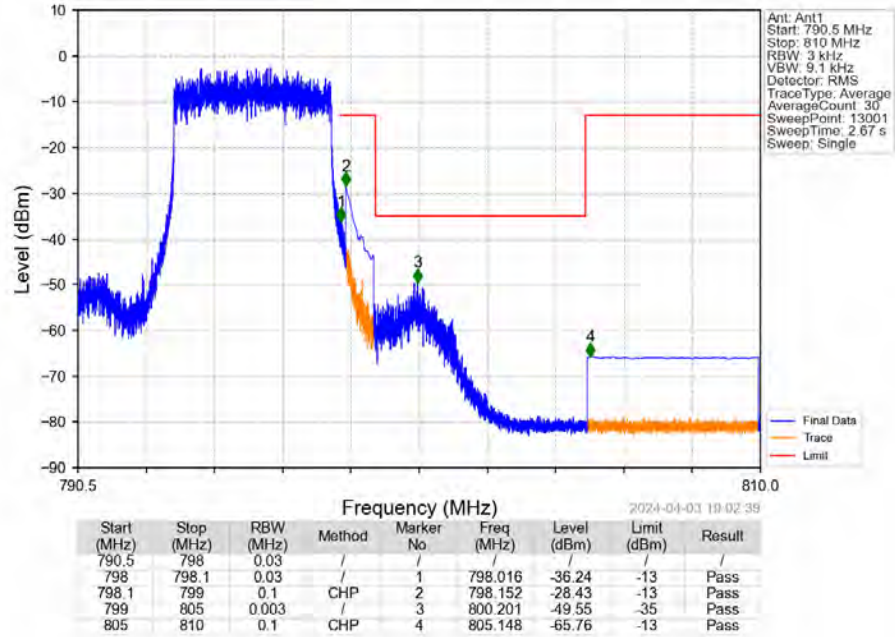
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 795.5MHz Edge 1RB Right



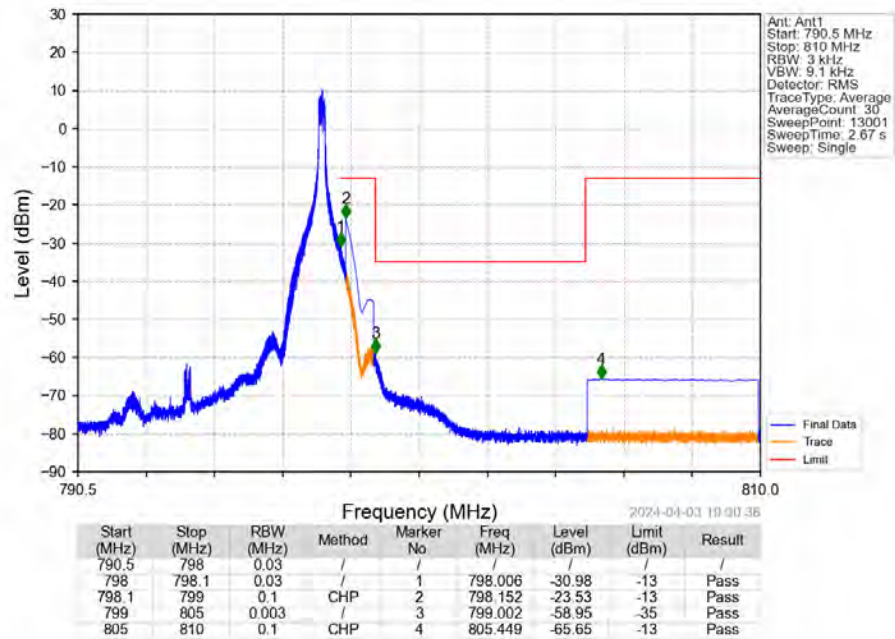
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 795.5MHz Edge 1RB Right



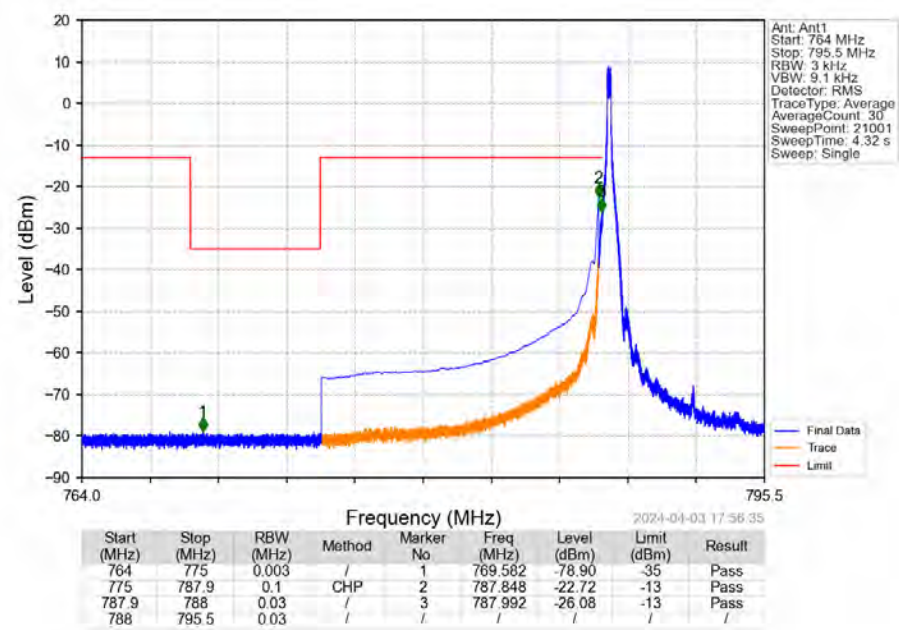
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 795.5MHz Outer Full



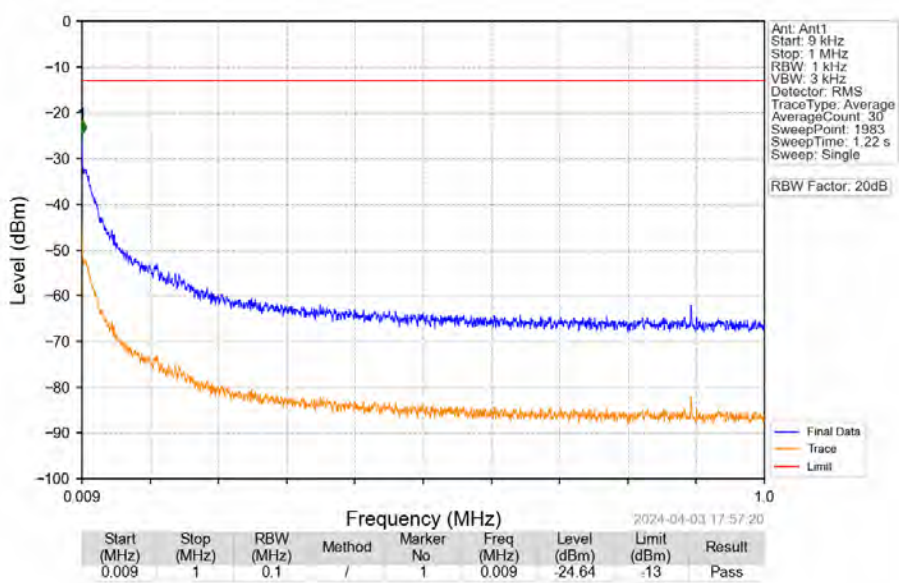
n14 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 795.5MHz Inner 1RB Right



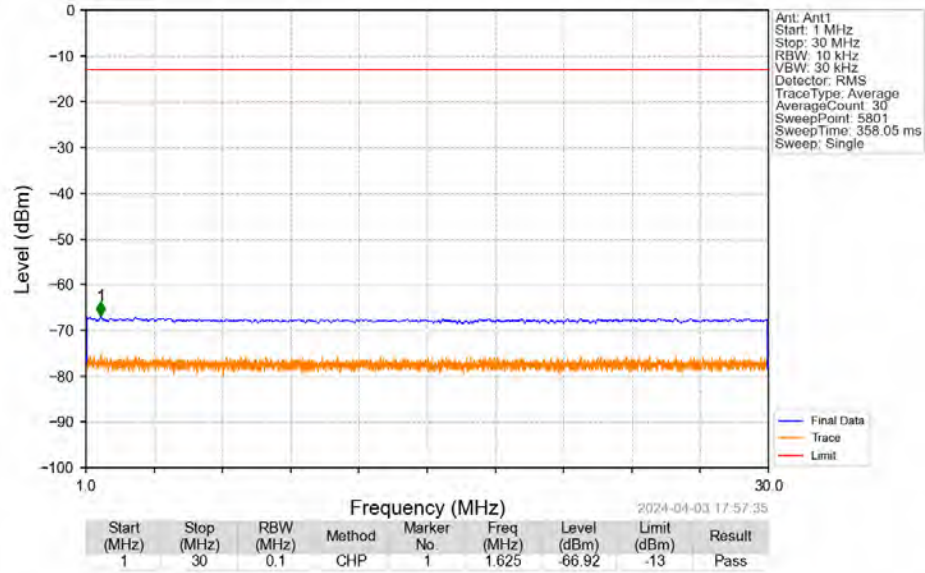
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 790.5MHz Edge 1RB Left



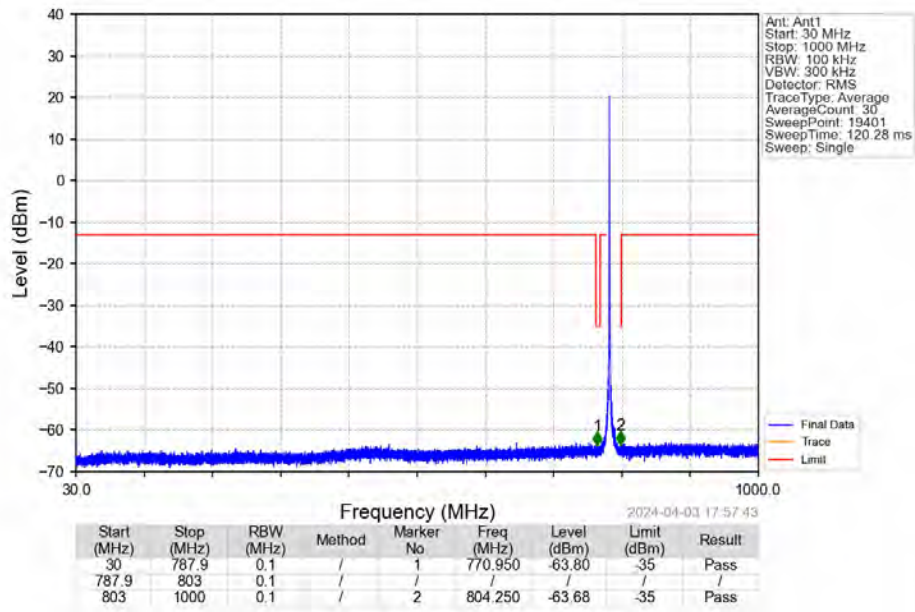
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 790.5MHz Edge 1RB Left



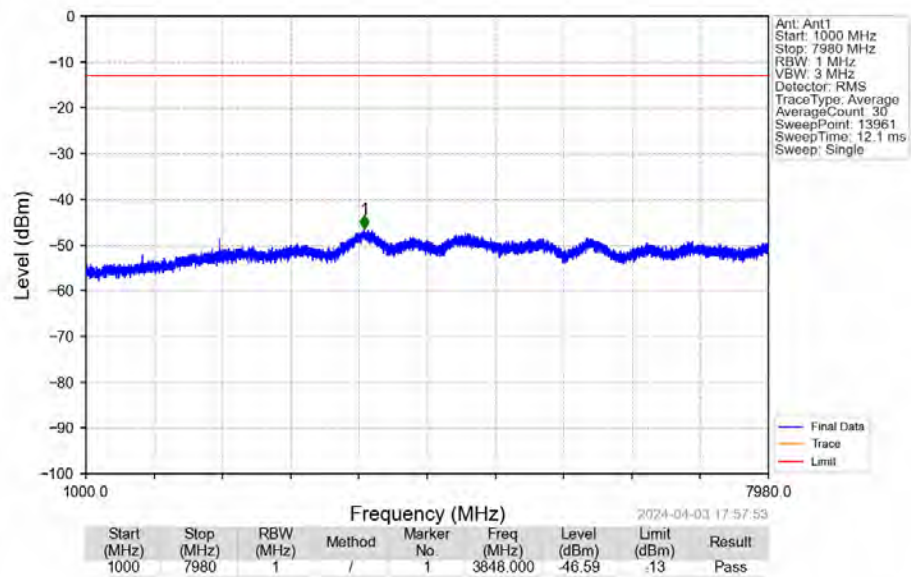
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 790.5MHz Edge 1RB Left



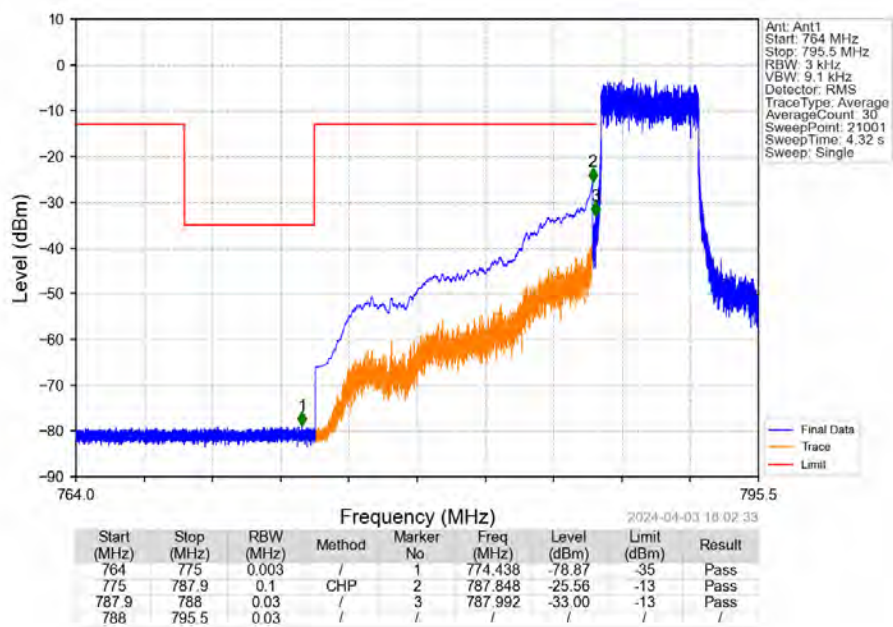
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 790.5MHz Edge 1RB Left



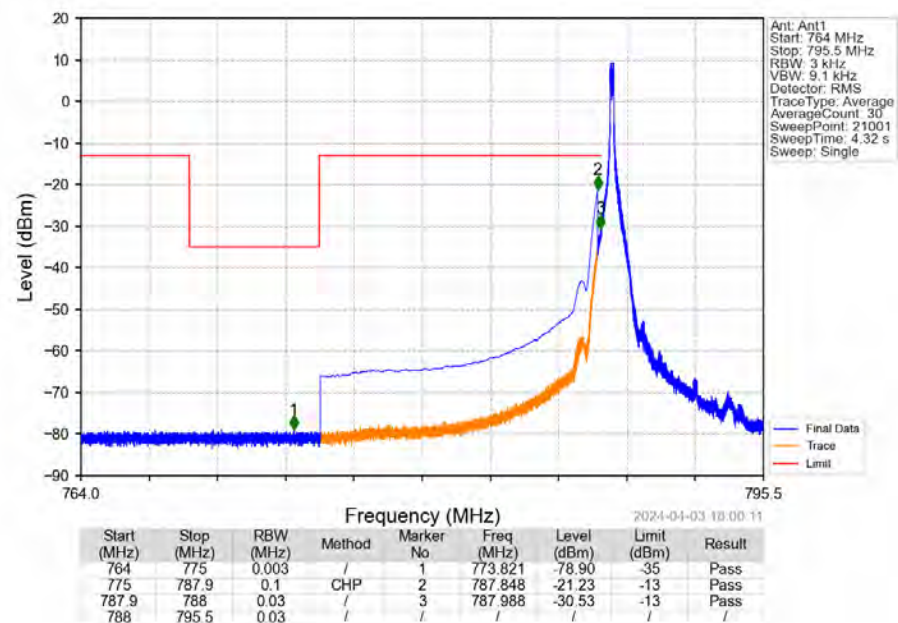
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 790.5MHz Edge 1RB Left



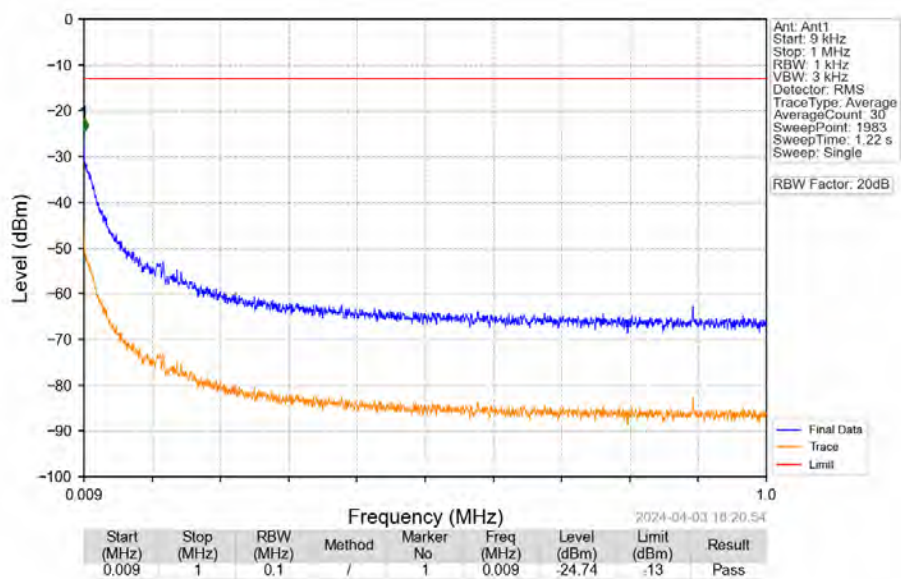
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 790.5MHz Outer Full



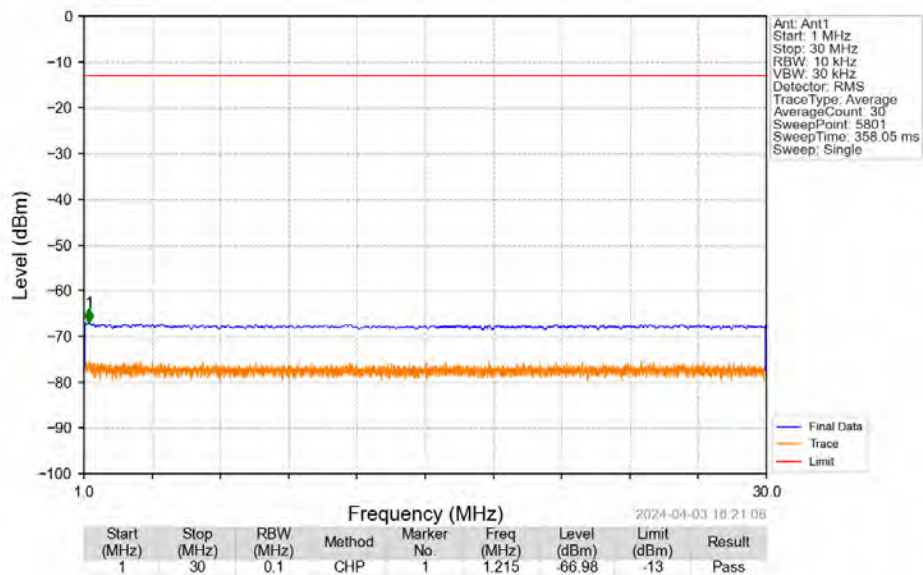
n14 15kHz SISO NTNv 5MHz DFT-s-OFDM QPSK 790.5MHz Inner 1RB Left



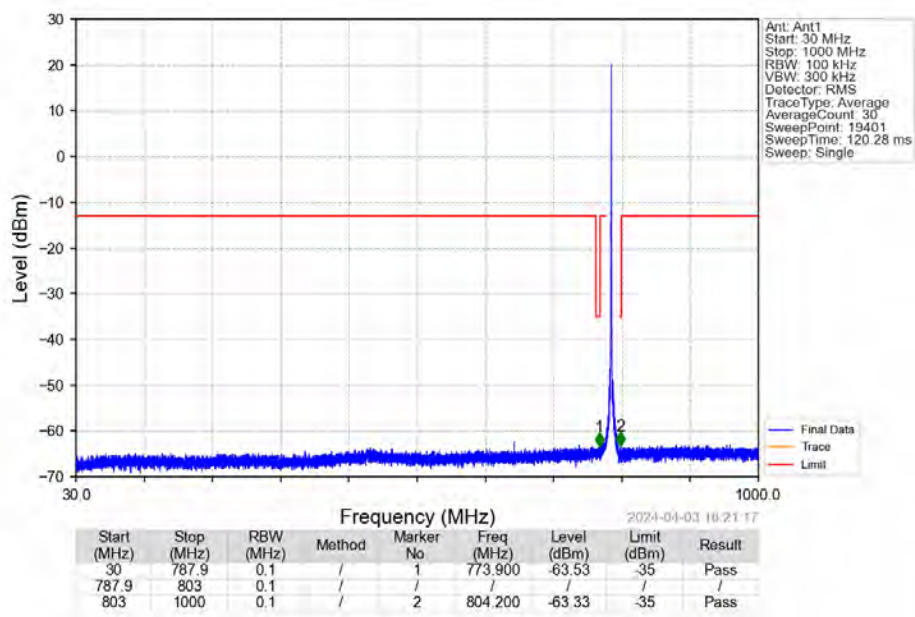
n14 15kHz SISO NTNv 5MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



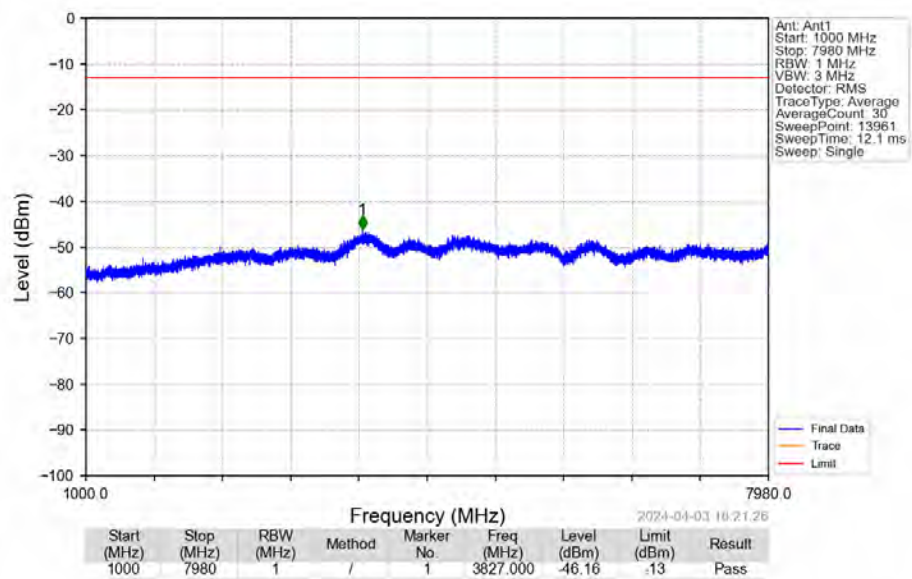
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



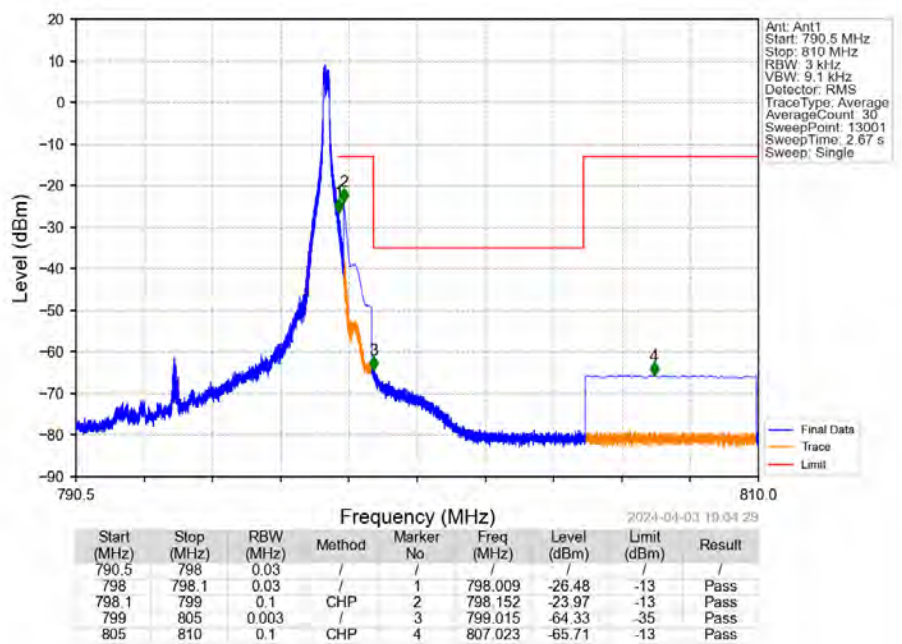
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



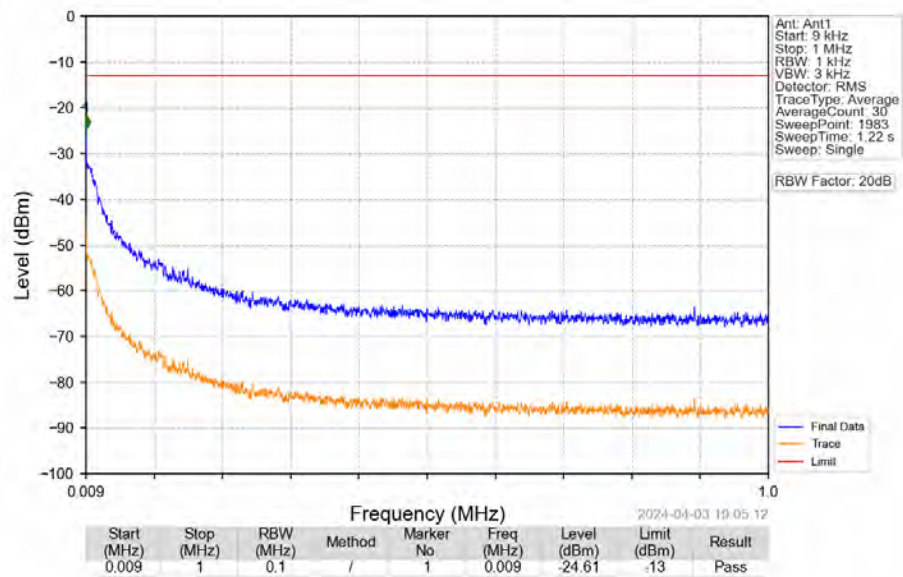
n14 15kHz SISO NTVN 5MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



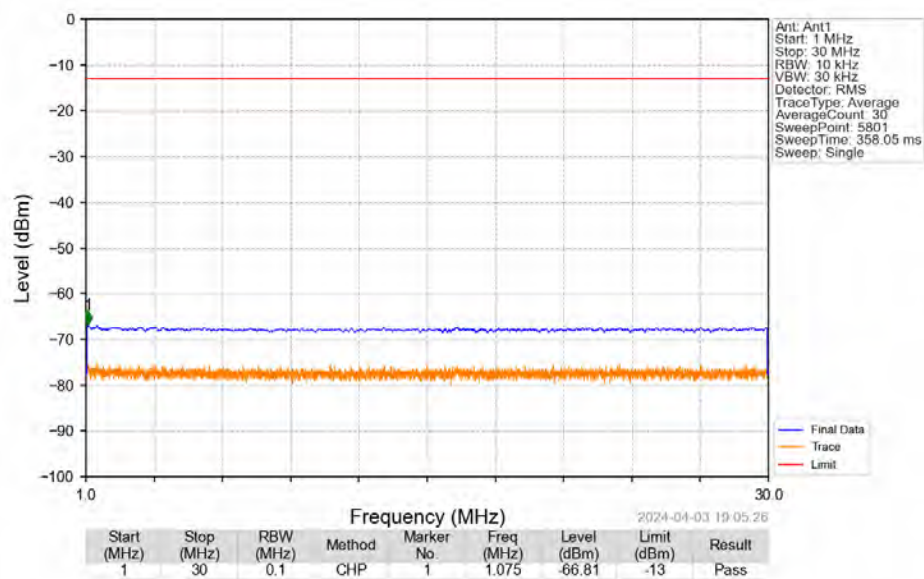
n14 15kHz SISO NTVN 5MHz DFT-s-OFDM QPSK 795.5MHz Edge 1RB Right



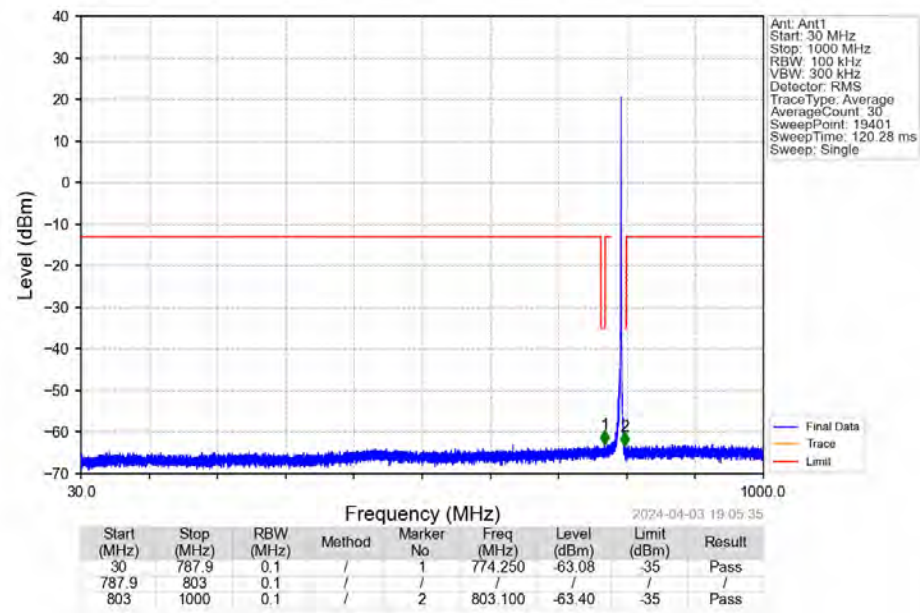
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 795.5MHz Edge 1RB Right



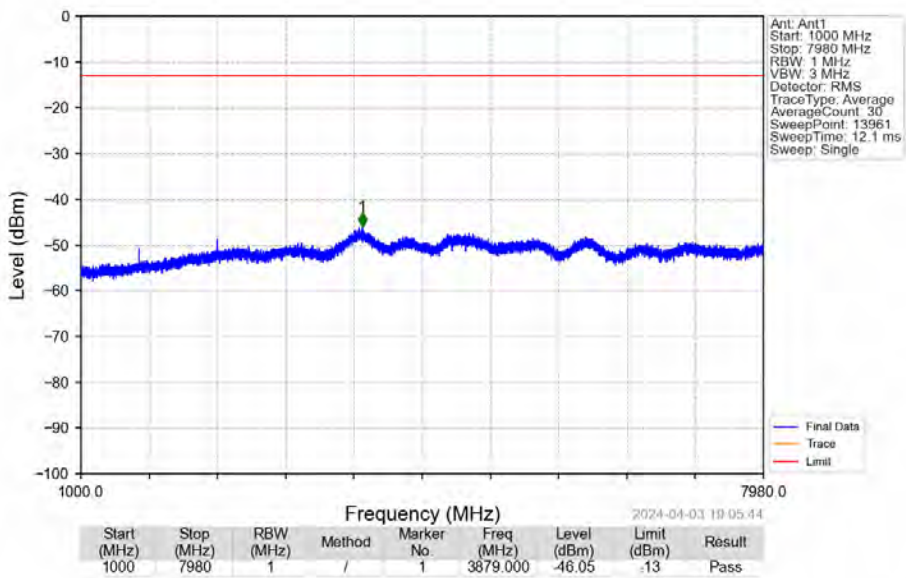
n14 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 795.5MHz Edge 1RB Right



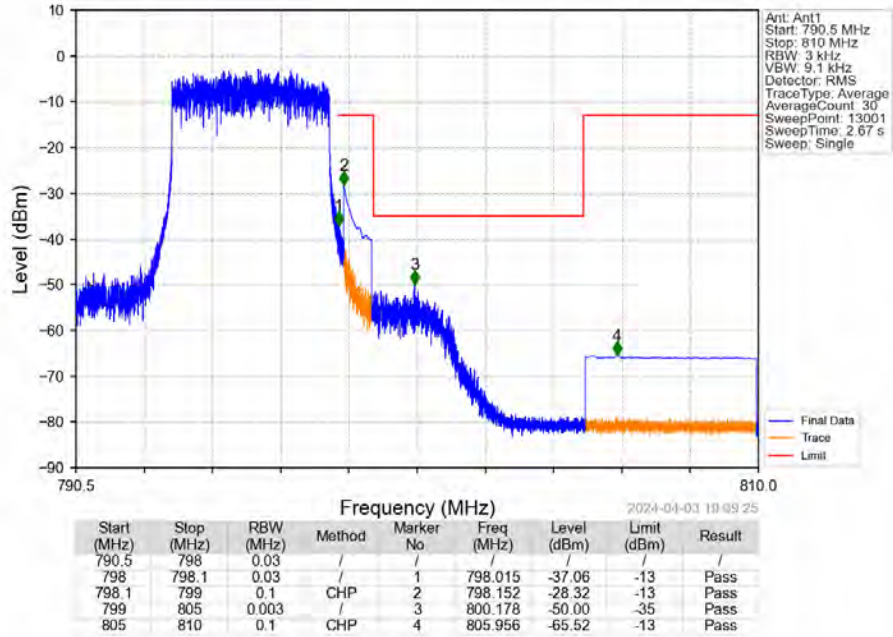
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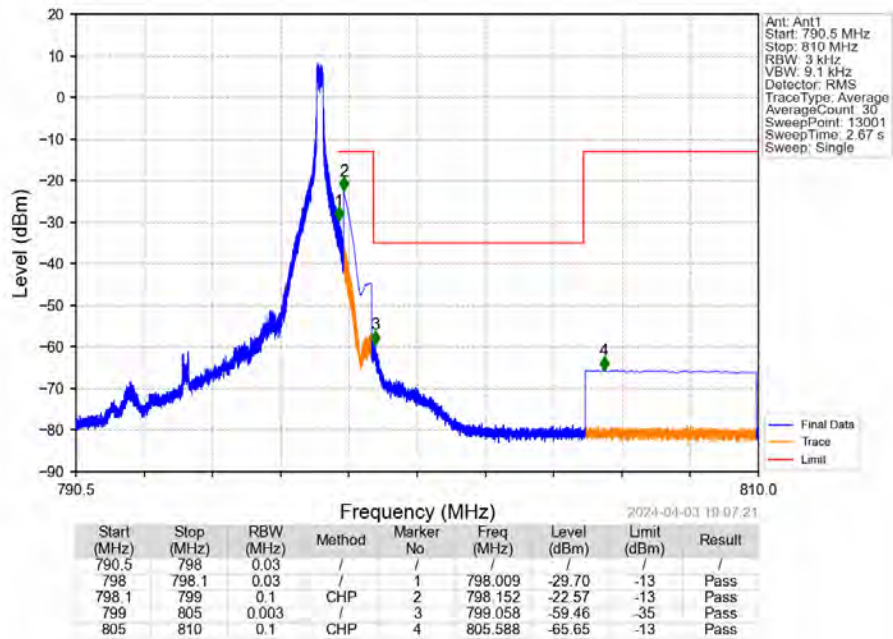
n14 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 795.5MHz Edge 1RB Right



n14 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 795.5MHz Outer Full



n14 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 795.5MHz Inner 1RB Right

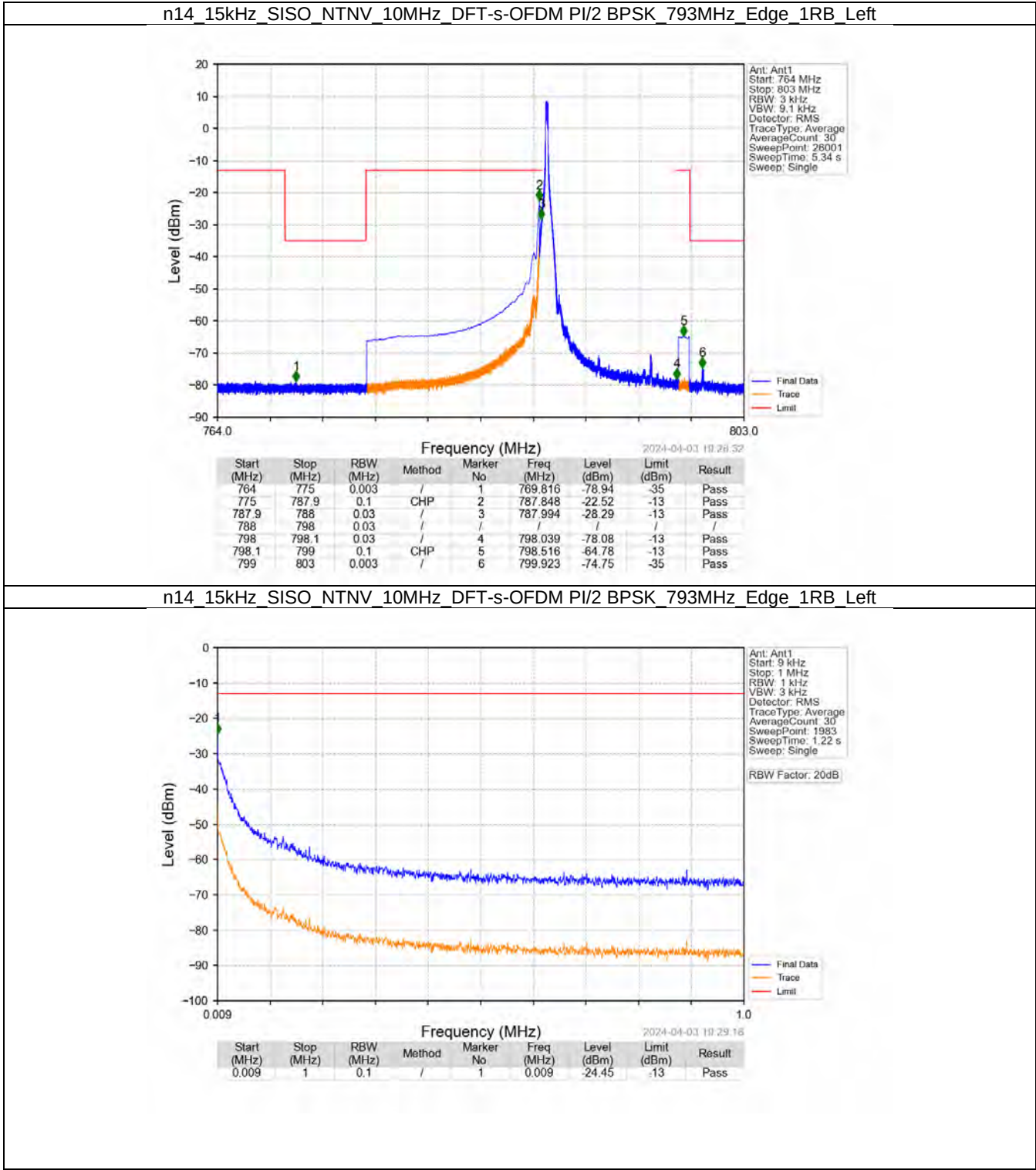


5.2 15k_SISO_10MHz_NTNV

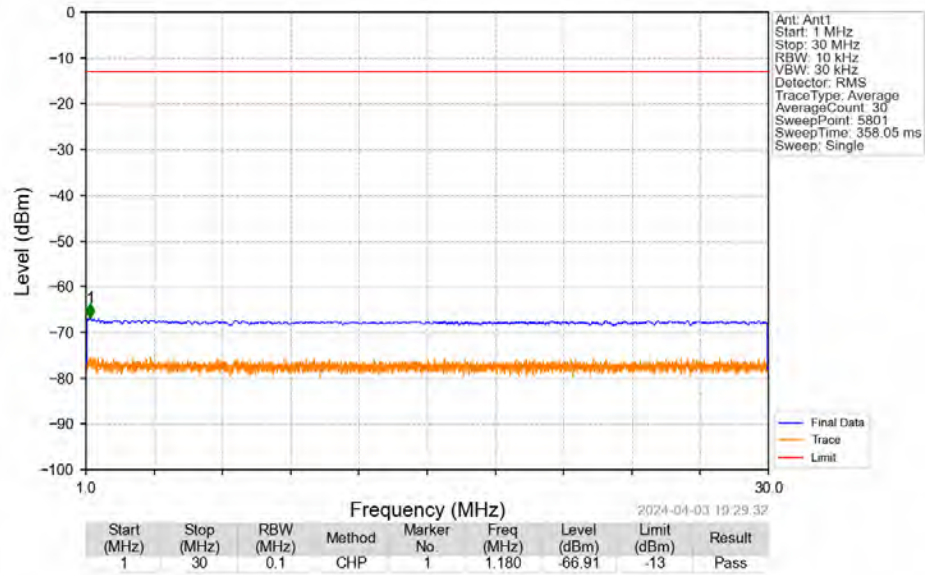
5.2.1 Test Result

5G NR n14 SCS=15kHz SISO 10MHz NTN							
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
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	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
		Inner_1RB_Left	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

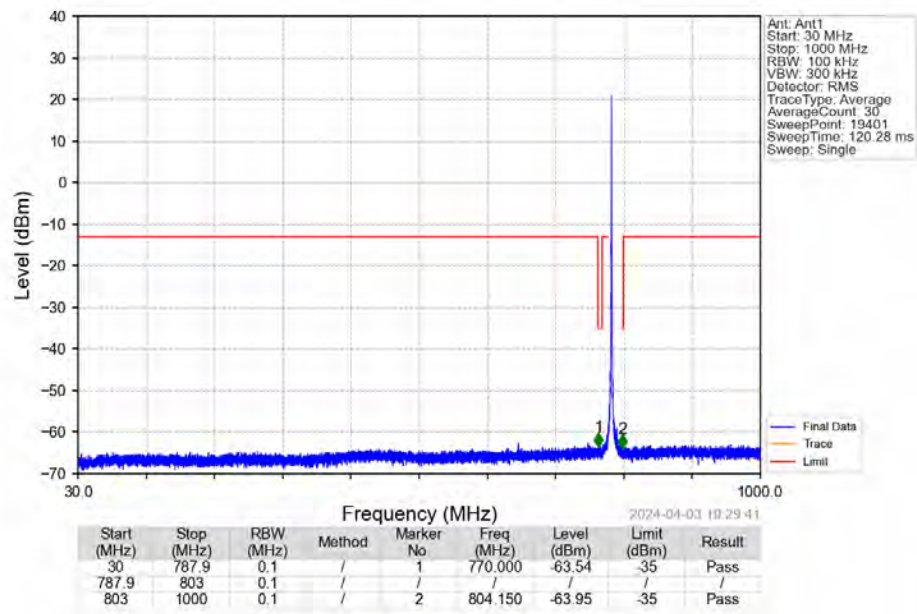
5.2.2 Test Graph



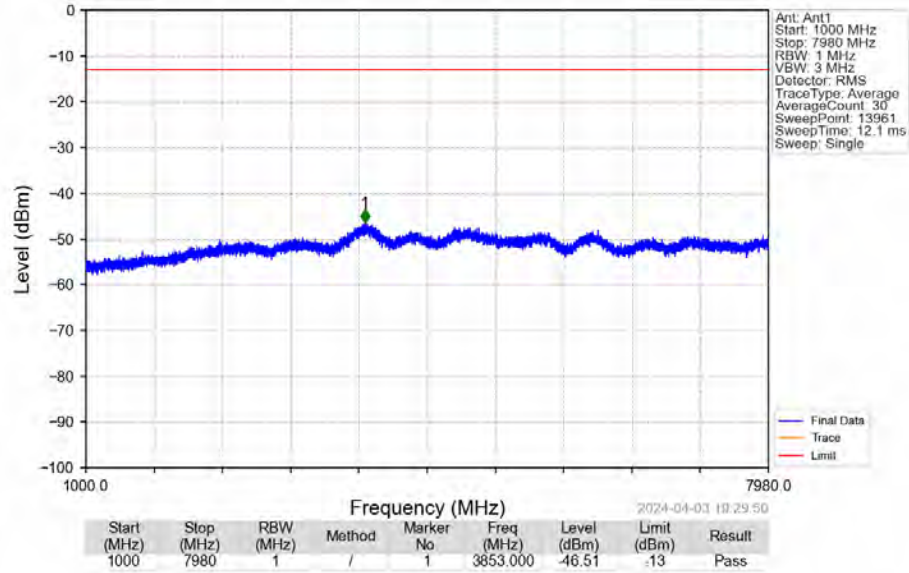
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



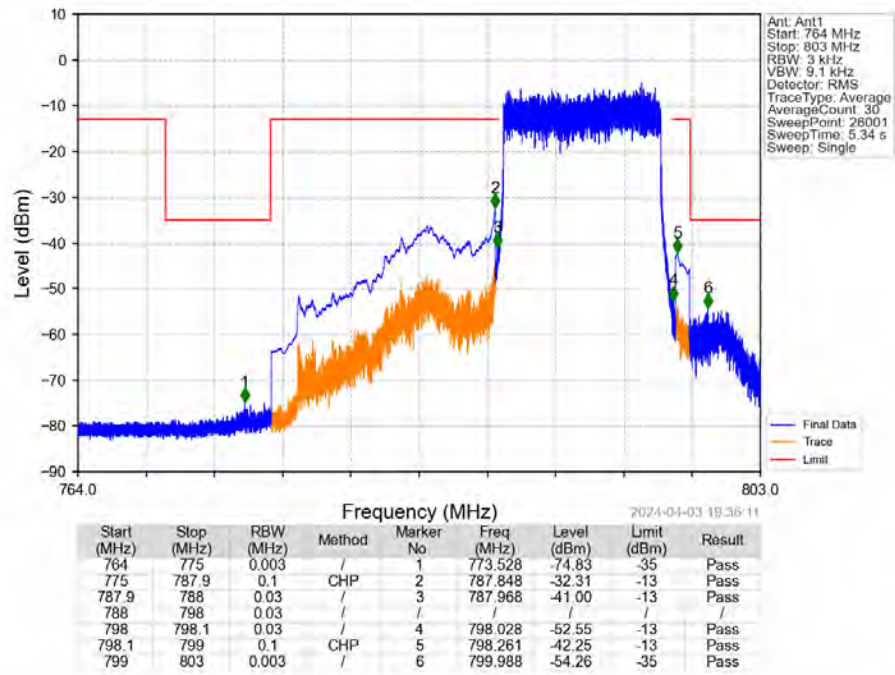
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



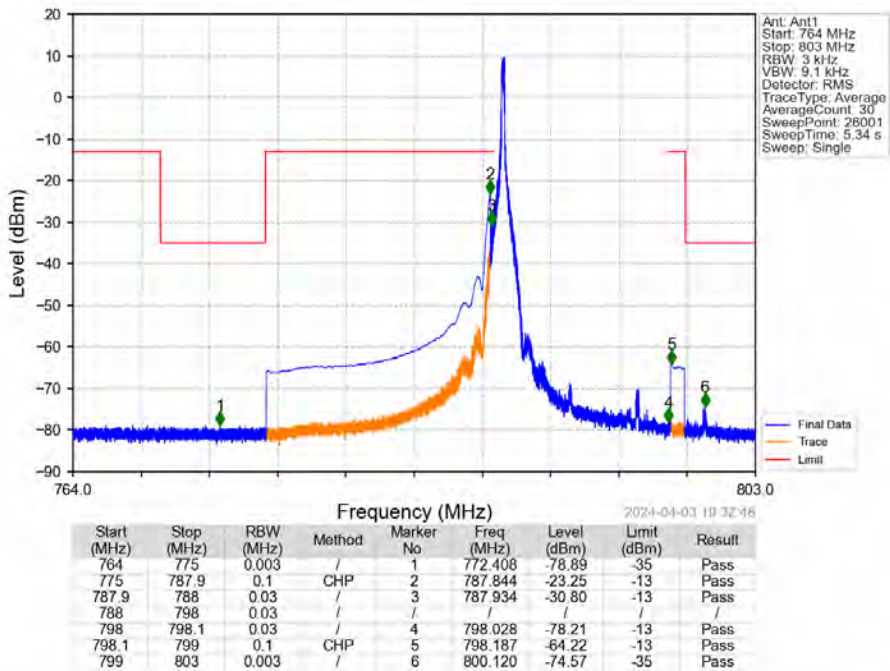
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



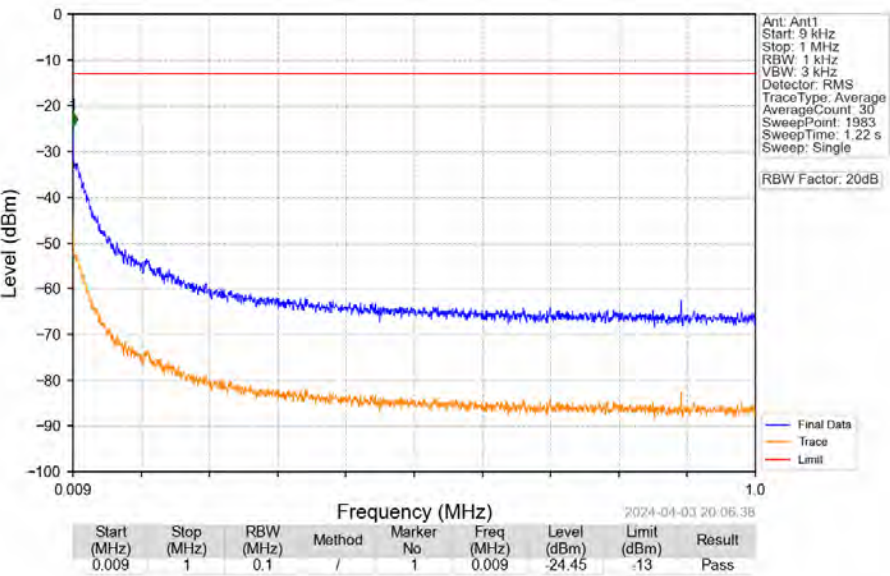
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Outer Full



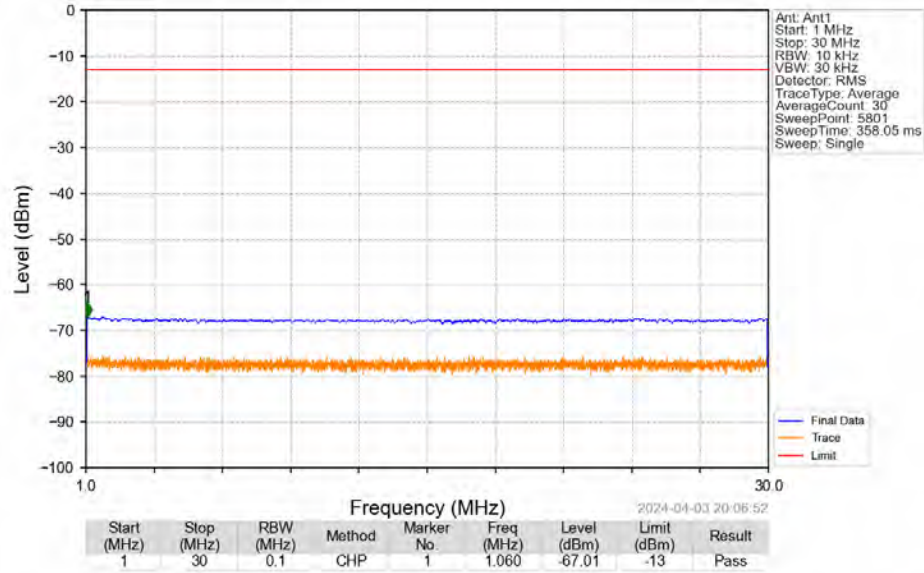
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Inner 1RB Left



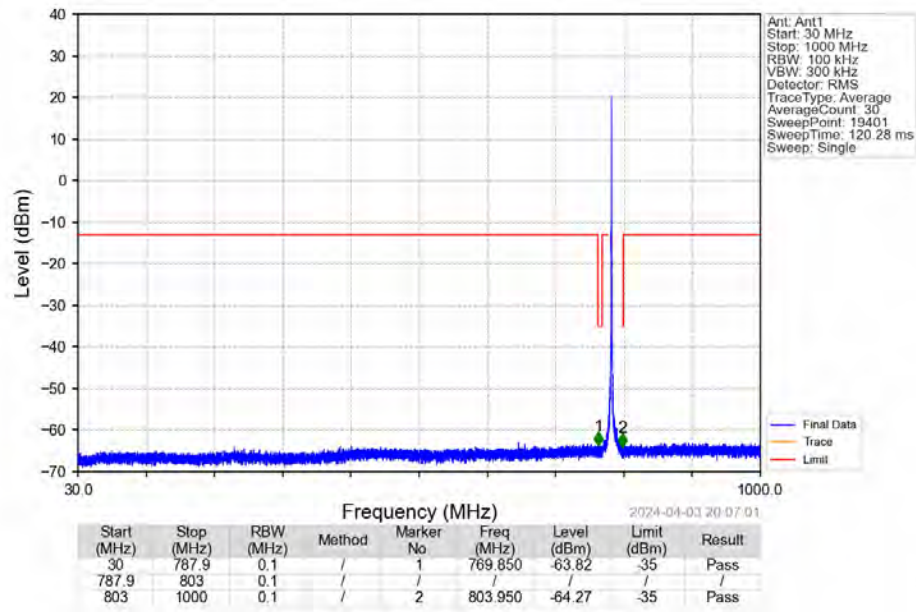
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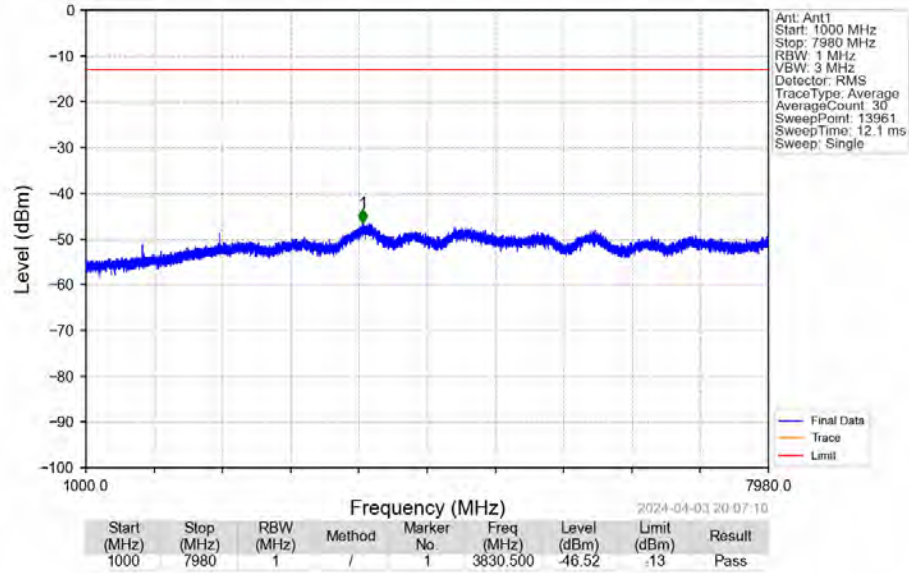
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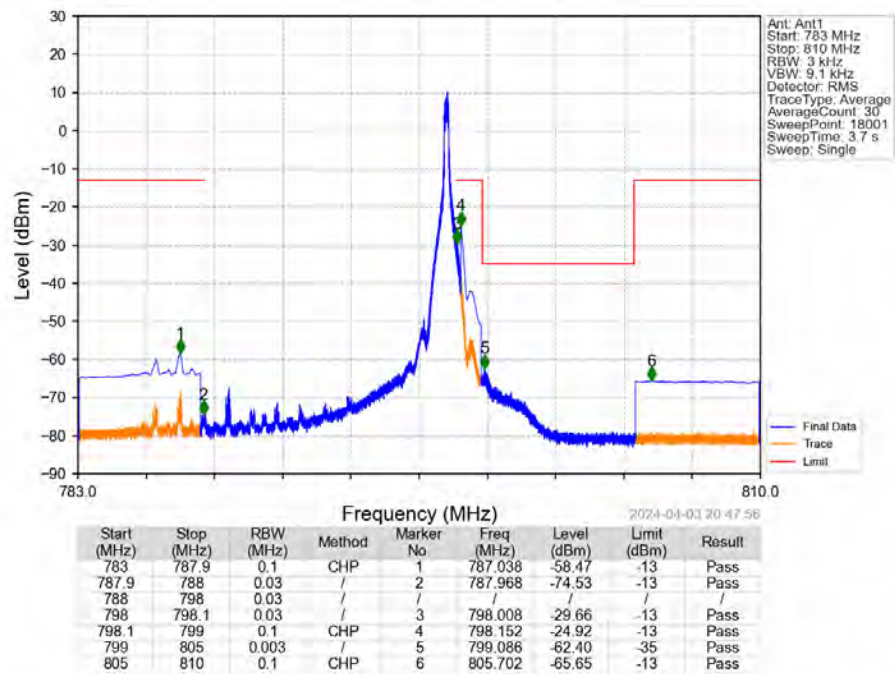
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



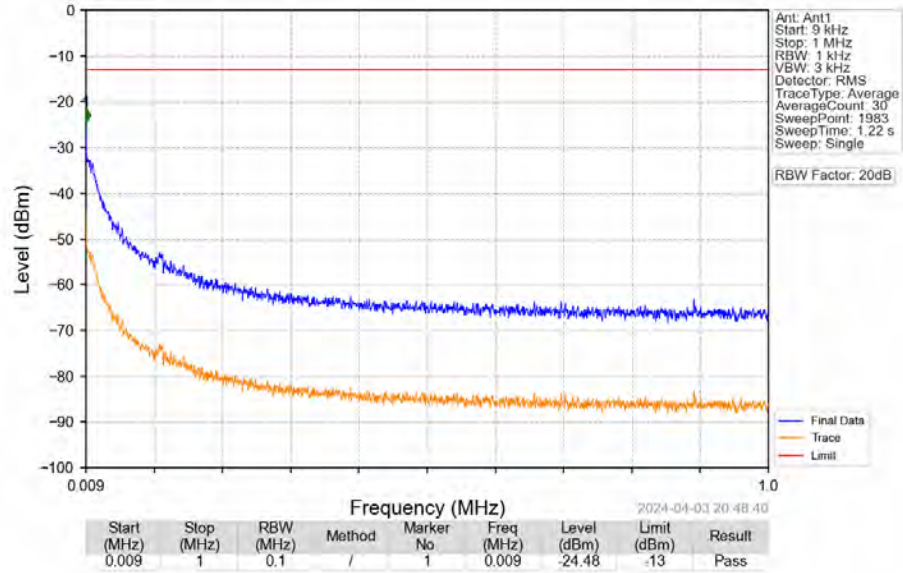
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Left



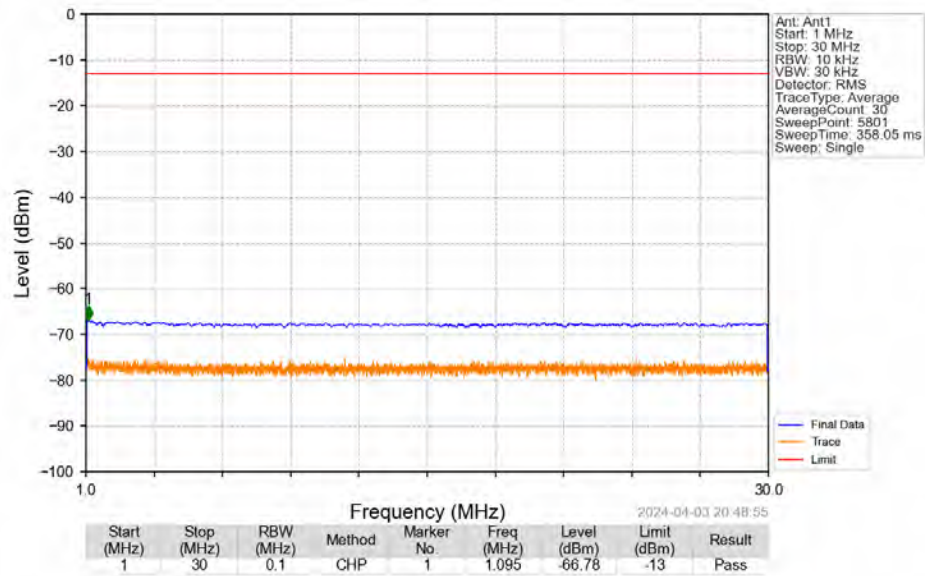
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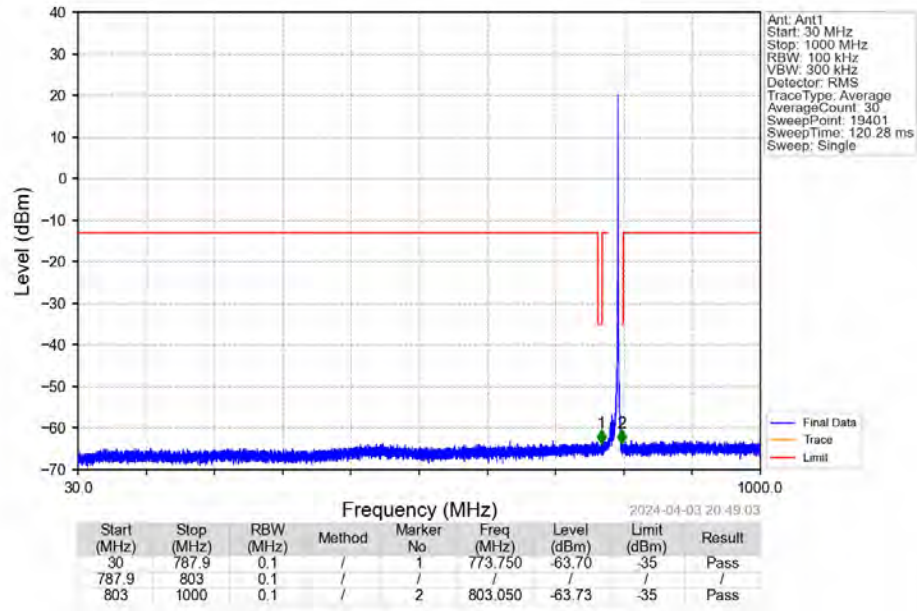
n14 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Right



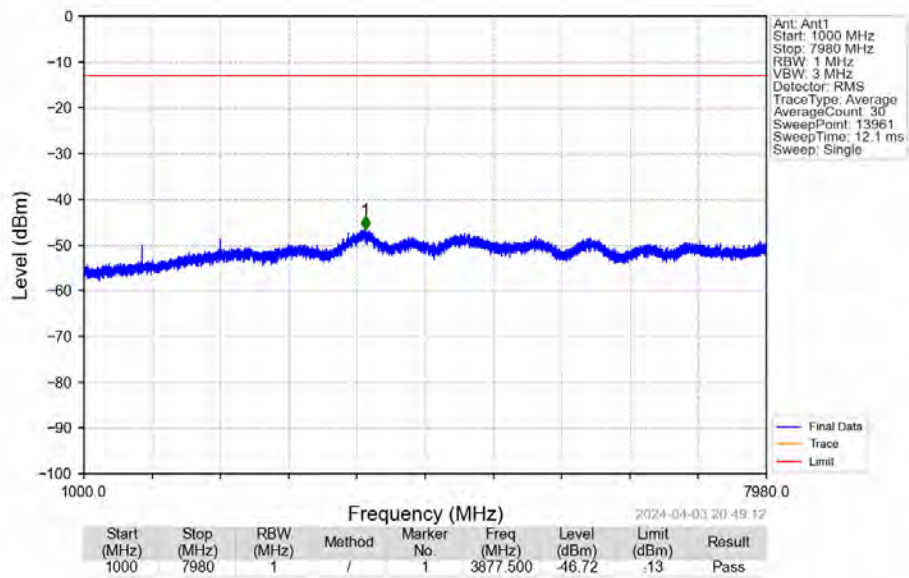
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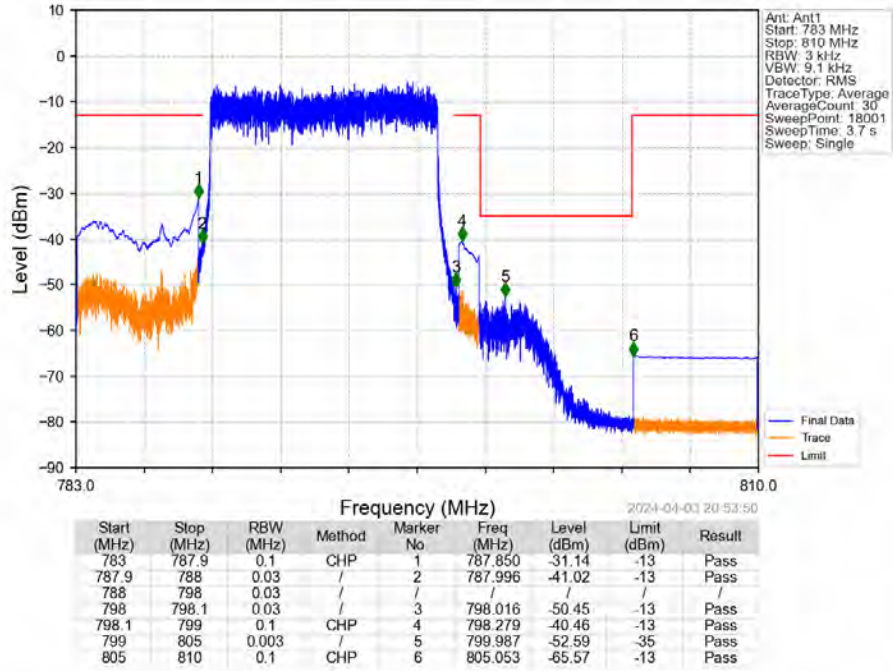
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Right



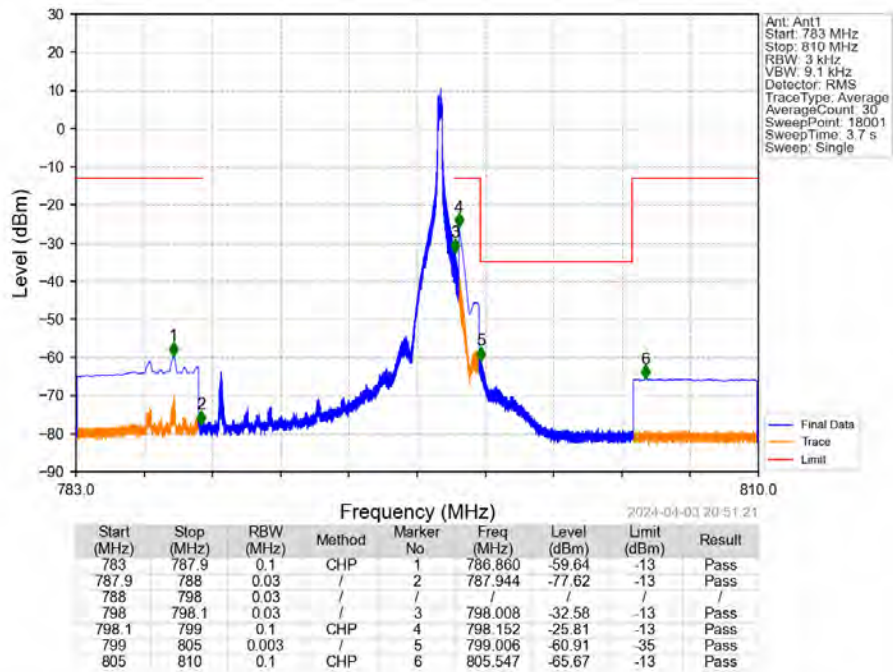
n14 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Edge 1RB Right



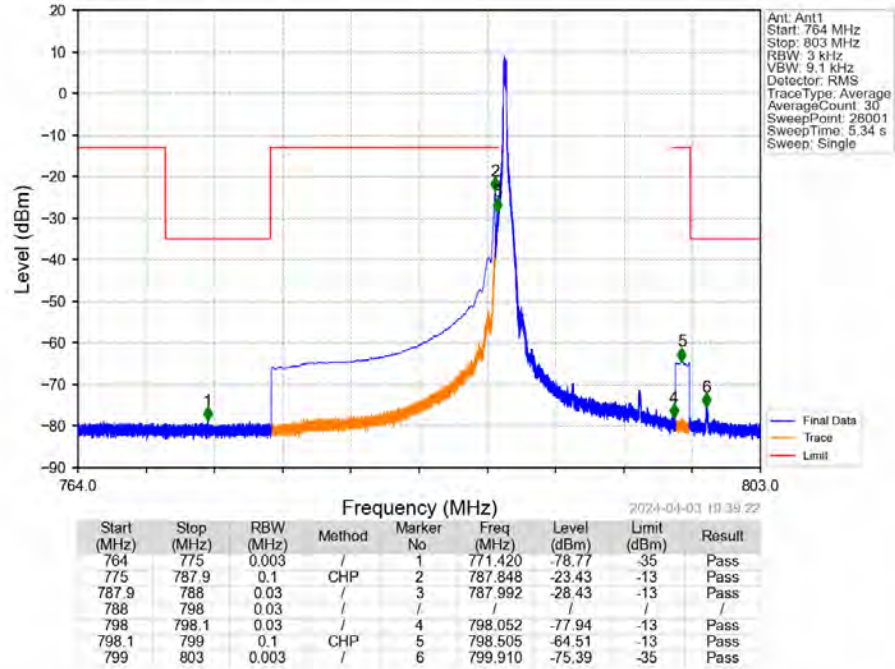
n14 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Outer Full



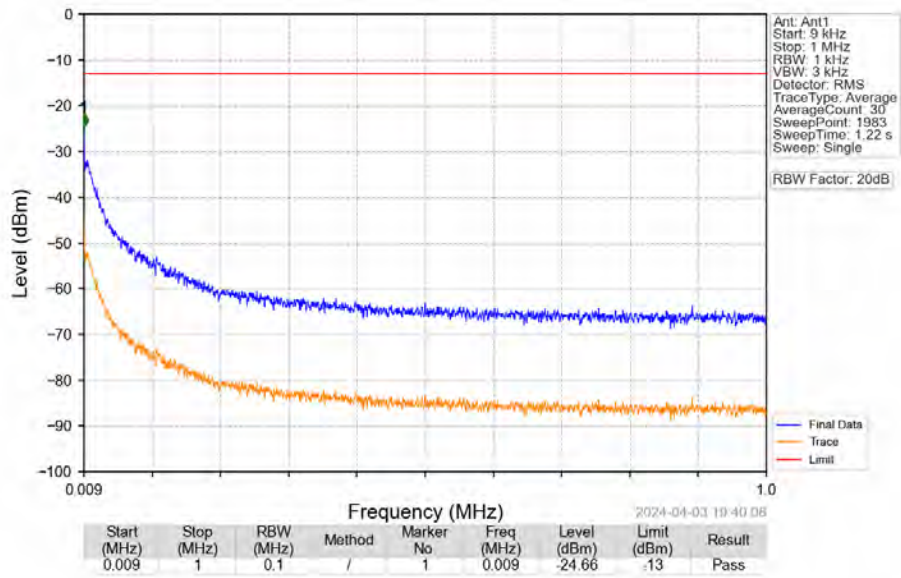
n14 15kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 793MHz Inner 1RB Right



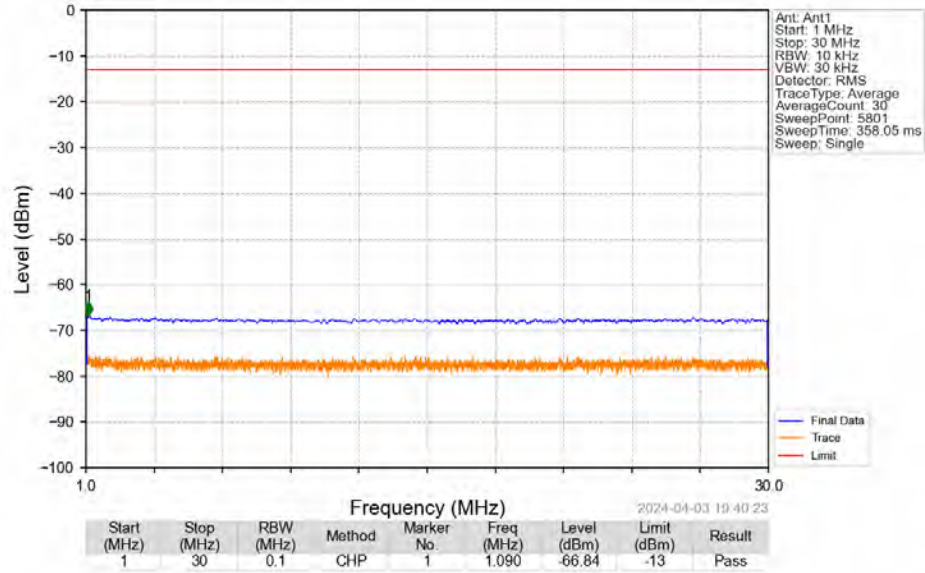
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



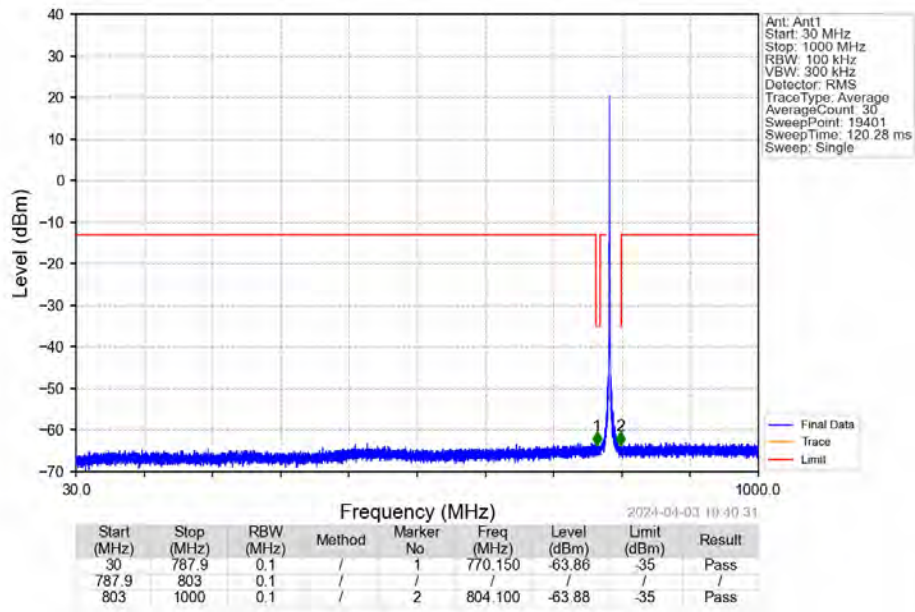
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



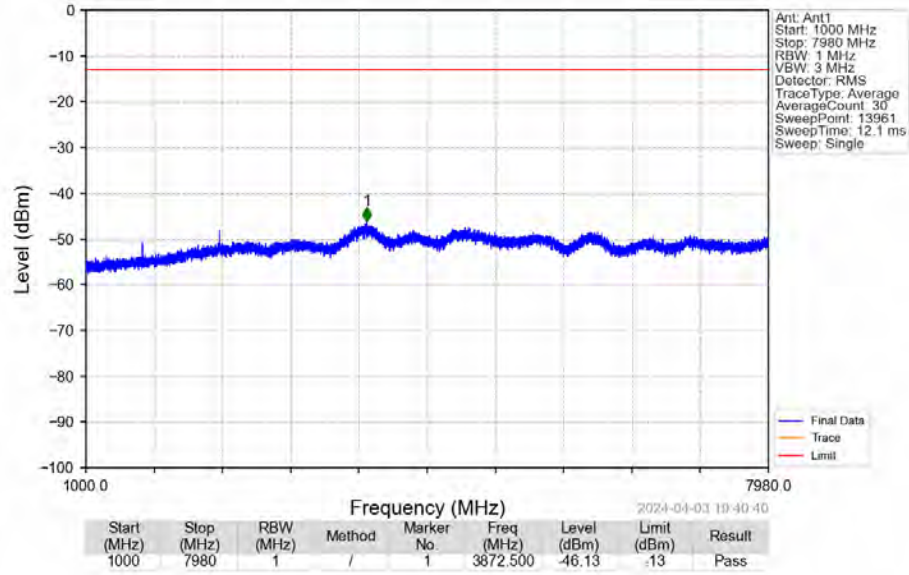
n14 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



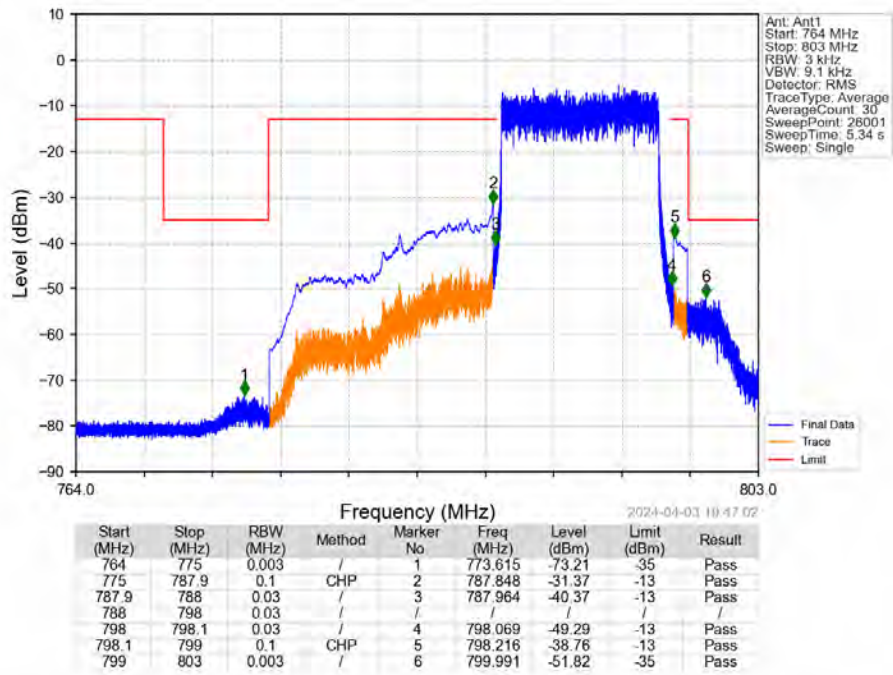
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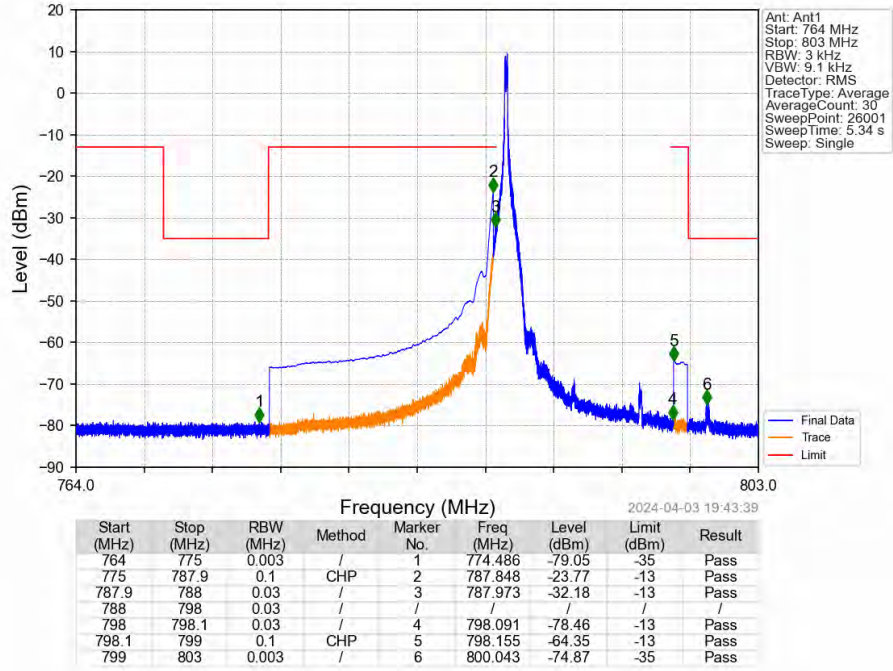
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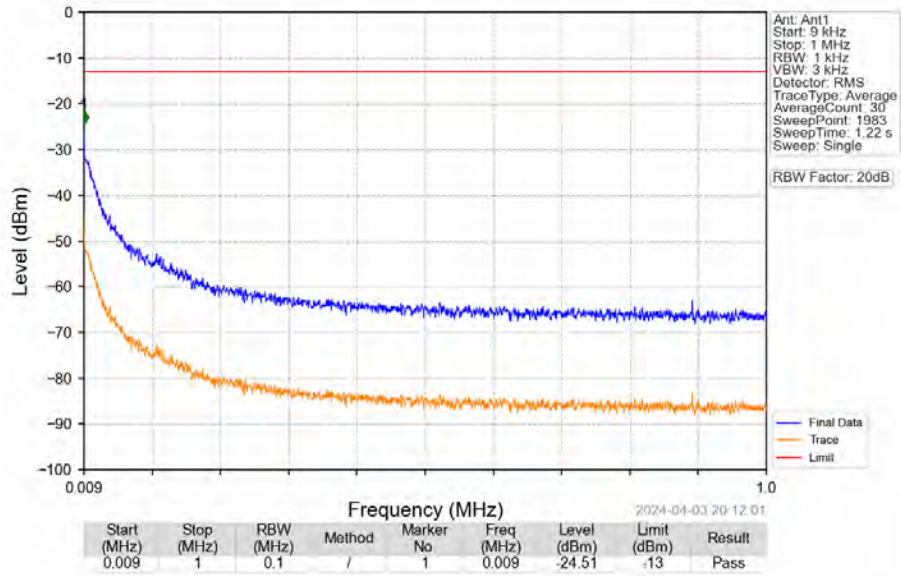
n14 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 793MHz Outer Full



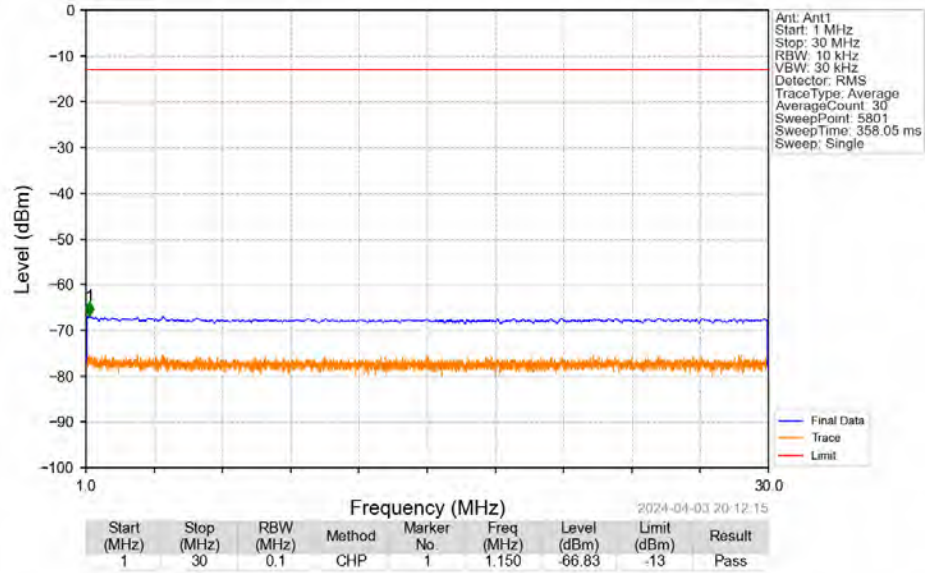
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Inner 1RB Left



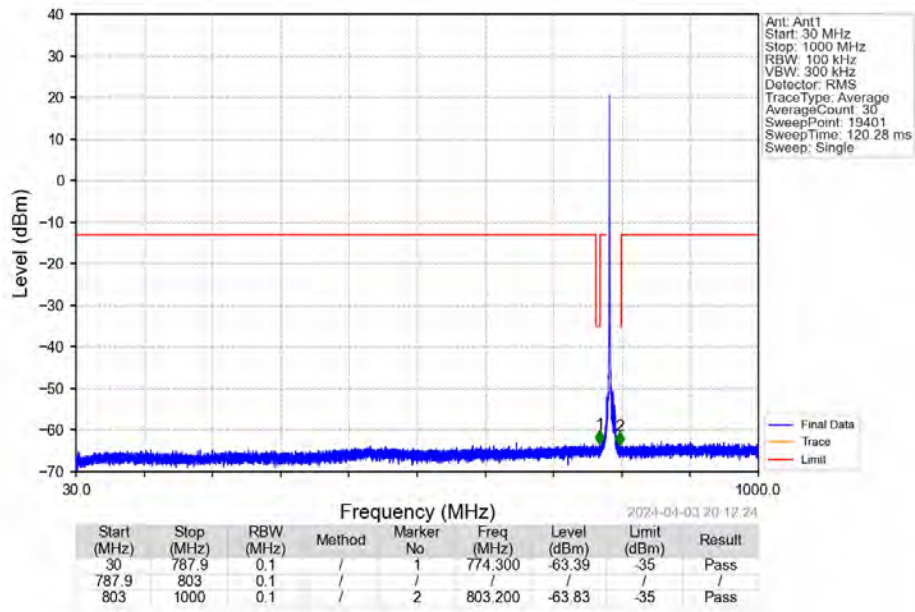
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



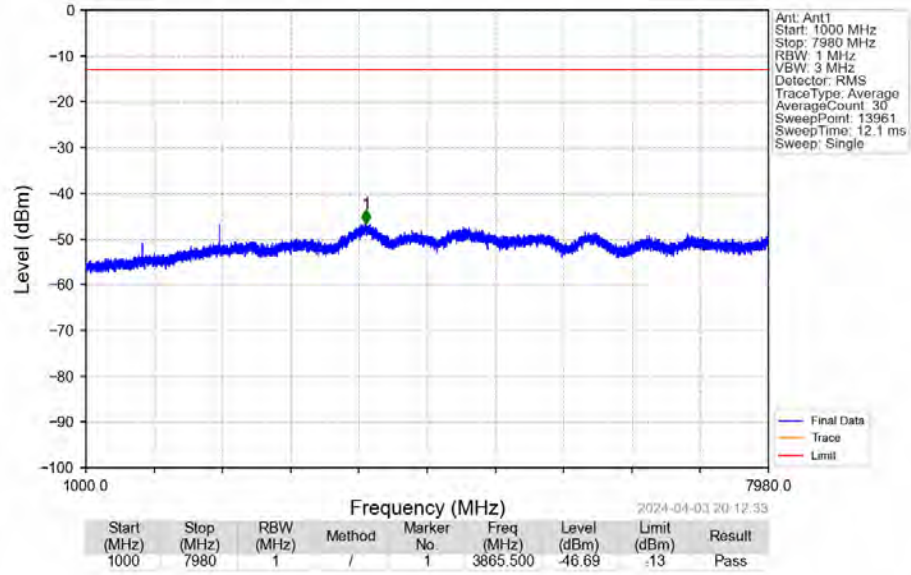
n14 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



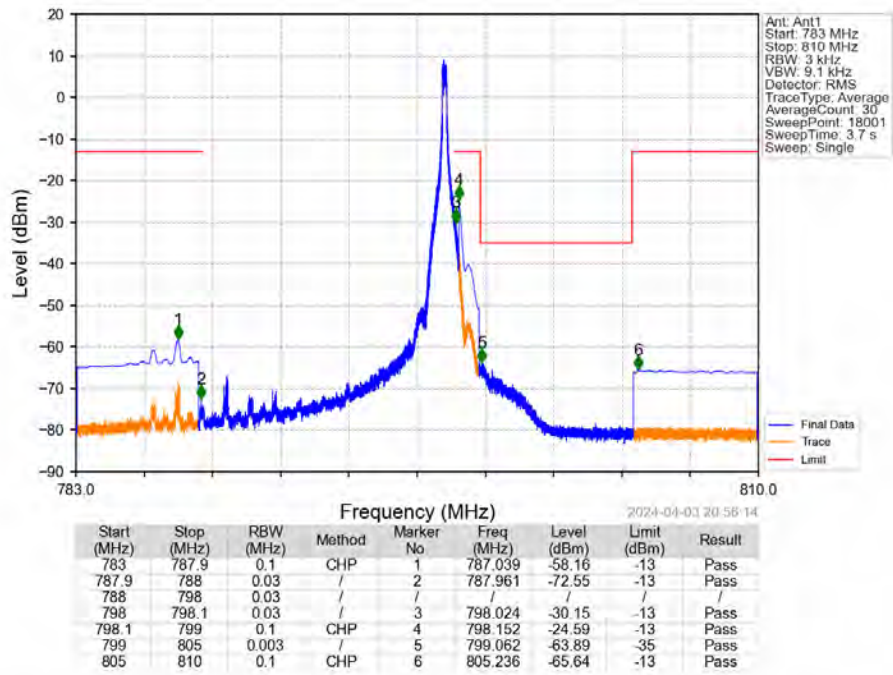
n14 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



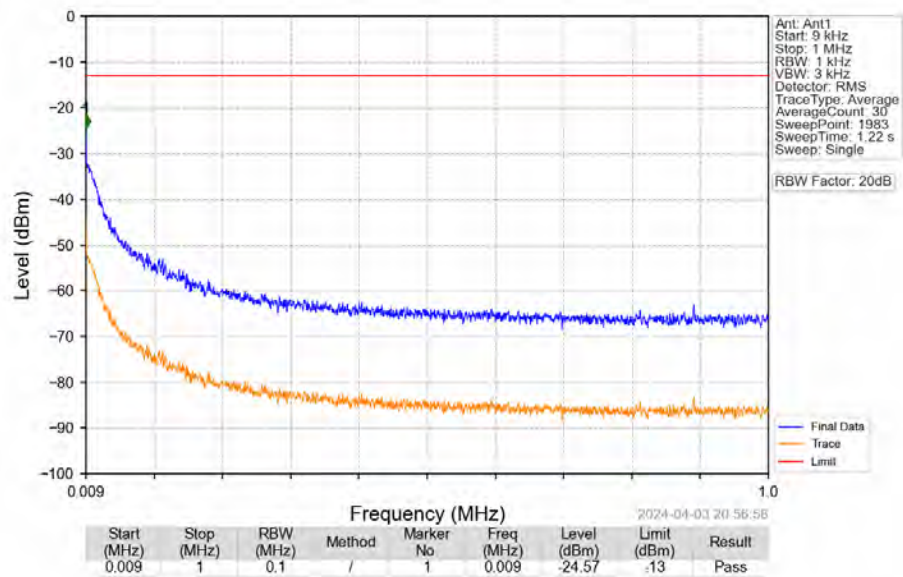
n14 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Left



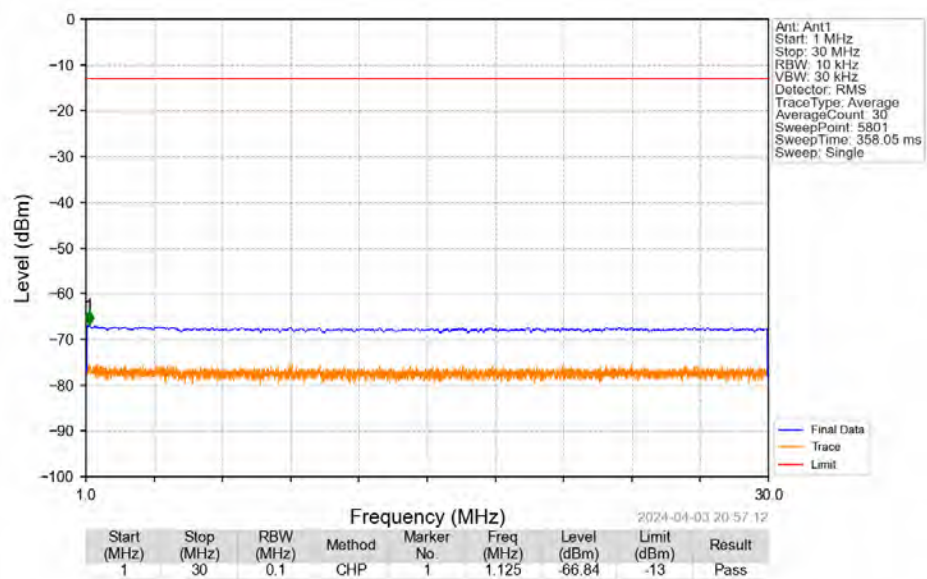
n14 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Right



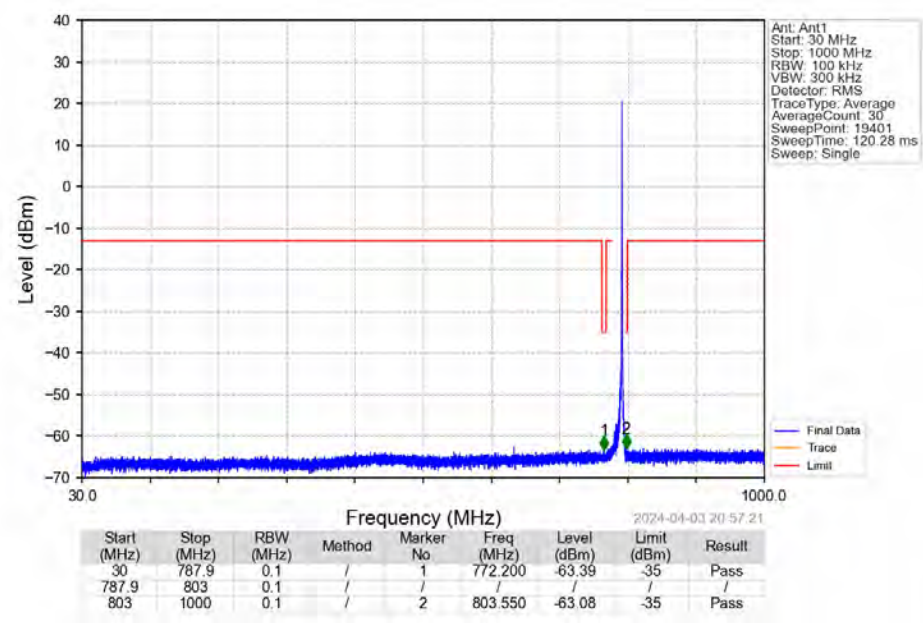
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Right



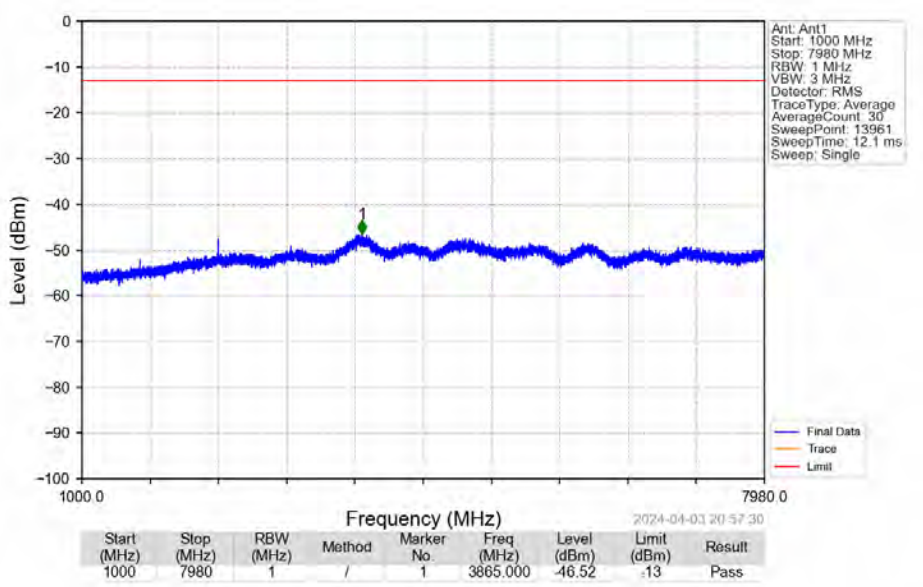
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Right



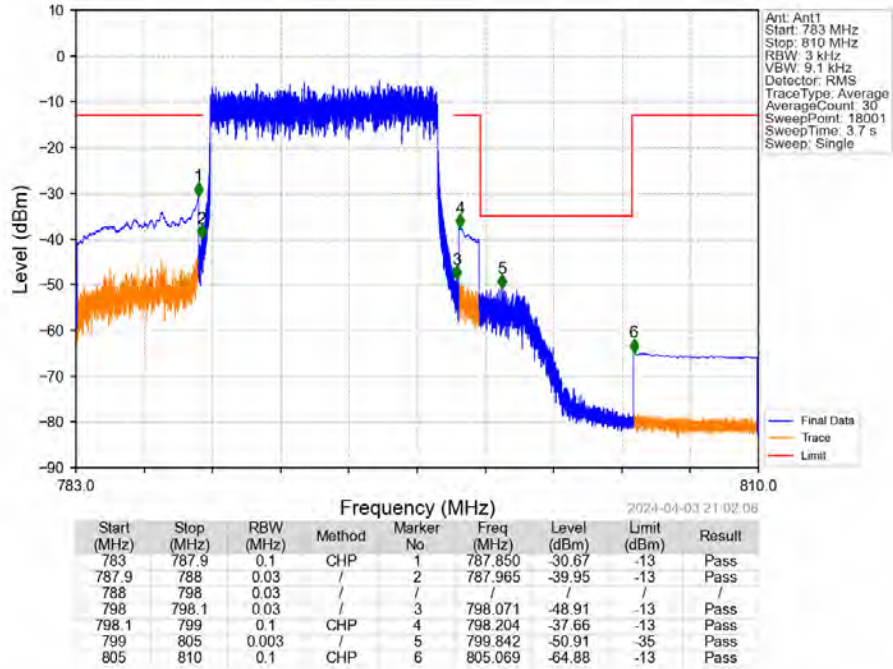
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Right



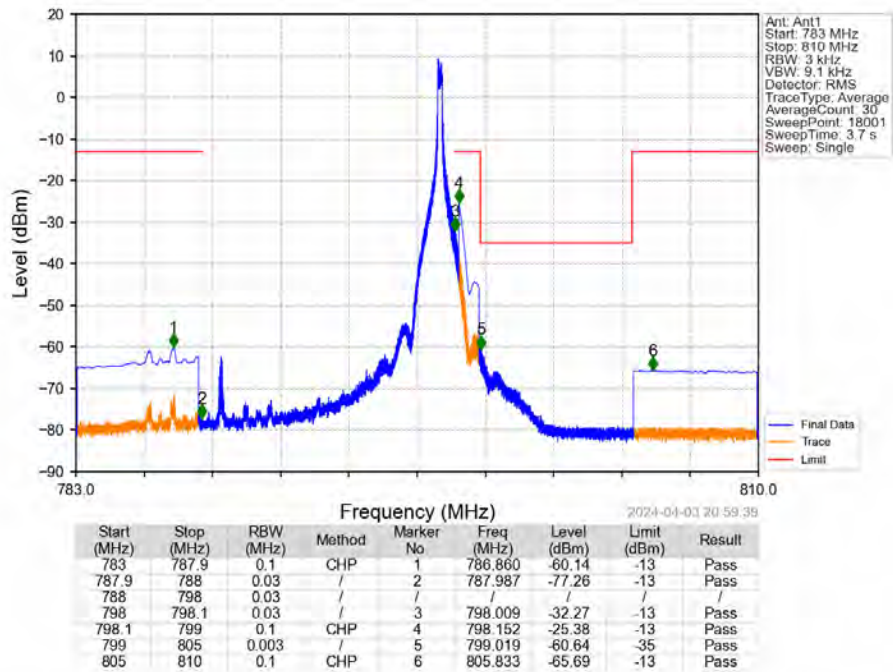
n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Edge 1RB Right



n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Outer Full



n14 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 793MHz Inner 1RB Right



6. Field Strength of Spurious Radiation

SA Band 14_10M- Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1577.0	-62.64	-13	-49.64	-65.73	2.6	5.69	Horizontal	Pass
2365.5	-56.6	-13	-43.6	-59.12	2.98	5.5	Horizontal	Pass
3154.0	-67.45	-13	-54.45	-71.52	3.23	7.3	Horizontal	Pass
1577.0	-57.12	-13	-44.12	-60.21	2.6	5.69	Vertical	Pass
2365.5	-45.57	-13	-32.57	-48.09	2.98	5.5	Vertical	Pass
3154.0	-66.76	-13	-53.76	-70.83	3.23	7.3	Vertical	Pass

SA Band 14_5M-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1576.5	-71.67	-13	-58.67	-74.76	2.6	5.69	Horizontal	Pass
2364.75	-69.99	-13	-56.99	-72.51	2.98	5.5	Horizontal	Pass
3153.0	-67.77	-13	-54.77	-71.84	3.23	7.3	Horizontal	Pass
1576.5	-62.85	-13	-49.85	-65.94	2.6	5.69	Vertical	Pass
2364.75	-70.32	-13	-57.32	-72.84	2.98	5.5	Vertical	Pass
3153.0	-67.51	-13	-54.51	-71.58	3.23	7.3	Vertical	Pass

SA Band 14_5M-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1581.5	-64.33	-13	-51.33	-67.4	2.6	5.67	Horizontal	Pass
2372.25	-59.32	-13	-46.32	-61.84	2.99	5.51	Horizontal	Pass
3163.0	-67.22	-13	-54.22	-71.32	3.23	7.33	Horizontal	Pass
1581.5	-59.82	-13	-46.82	-62.89	2.6	5.67	Vertical	Pass
2372.25	-51.03	-13	-38.03	-53.55	2.99	5.51	Vertical	Pass
3163.0	-67.3	-13	-54.3	-71.4	3.23	7.33	Vertical	Pass

SA Band 14_5M-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1586.5	-70.77	-13	-57.77	-73.83	2.6	5.66	Horizontal	Pass
2379.75	-70.15	-13	-57.15	-72.69	2.99	5.53	Horizontal	Pass
3173.0	-67.11	-13	-54.11	-71.22	3.24	7.35	Horizontal	Pass
1586.5	-61.89	-13	-48.89	-64.95	2.6	5.66	Vertical	Pass
2379.75	-55.06	-13	-42.06	-57.6	2.99	5.53	Vertical	Pass
3173.0	-67.56	-13	-54.56	-71.67	3.24	7.35	Vertical	Pass