SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Appendix B.37

NR Band n14

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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 NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	790.5	Edge_1RB_Left	23.56	/	/	24.01	/	/	<=34.77	Pass
		Edge_1RB_Right	23.53	/	/	23.98	/	/	<=34.77	Pass
		Outer_Full	23.58	/	/	24.03	/	/	<=34.77	Pass
		Inner_Full	24.12	/	/	24.57	/	/	<=34.77	Pass
		Inner_1RB_Left	24.09	/	/	24.54	/	/	<=34.77	Pass
		Inner_1RB_Right	23.99	/	/	24.44	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.42	/	/	23.87	/	/	<=34.77	Pass
		Edge_1RB_Right	23.28	/	/	23.73	/	/	<=34.77	Pass
		Outer_Full	23.46	/	/	23.91	/	/	<=34.77	Pass
		Inner_Full	23.86	/	/	24.31	/	/	<=34.77	Pass
		Inner_1RB_Left	23.78	/	/	24.23	/	/	<=34.77	Pass
		Inner_1RB_Right	23.74	/	/	24.19	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	23.62	/	/	24.07	/	/	<=34.77	Pass
		Edge_1RB_Right	23.20	/	/	23.65	/	/	<=34.77	Pass
		Outer_Full	23.43	/	/	23.88	/	/	<=34.77	Pass
		Inner_Full	23.90	/	/	24.35	/	/	<=34.77	Pass
		Inner_1RB_Left	24.07	/	/	24.52	/	/	<=34.77	Pass
		Inner_1RB_Right	23.69	/	/	24.14	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	790.5	Edge_1RB_Left	23.17	/	/	23.62	/	/	<=34.77	Pass
		Edge_1RB_Right	22.98	/	/	23.43	/	/	<=34.77	Pass
		Outer_Full	21.22	/	/	21.67	/	/	<=34.77	Pass
		Inner_Full	23.70	/	/	24.15	/	/	<=34.77	Pass
		Inner_1RB_Left	24.10	/	/	24.55	/	/	<=34.77	Pass
		Inner_1RB_Right	23.65	/	/	24.1	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.00	/	/	23.45	/	/	<=34.77	Pass
		Edge_1RB_Right	22.77	/	/	23.22	/	/	<=34.77	Pass
		Outer_Full	21.42	/	/	21.87	/	/	<=34.77	Pass
		Inner_Full	23.91	/	/	24.36	/	/	<=34.77	Pass
		Inner_1RB_Left	23.97	/	/	24.42	/	/	<=34.77	Pass
		Inner_1RB_Right	23.84	/	/	24.29	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	23.00	/	/	23.45	/	/	<=34.77	Pass
		Edge_1RB_Right	22.59	/	/	23.04	/	/	<=34.77	Pass
		Outer_Full	21.40	/	/	21.85	/	/	<=34.77	Pass
		Inner_Full	23.86	/	/	24.31	/	/	<=34.77	Pass
		Inner_1RB_Left	23.97	/	/	24.42	/	/	<=34.77	Pass
		Inner_1RB_Right	23.71	/	/	24.16	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	790.5	Edge_1RB_Left	21.77	/	/	22.22	/	/	<=34.77	Pass

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		Edge_1RB_Right	21.75	/	/	22.2	/	/	<=34.77	Pass
		Outer_Full	20.35	/	/	20.8	/	/	<=34.77	Pass
		Inner_Full	22.96	/	/	23.41	/	/	<=34.77	Pass
		Inner_1RB_Left	22.81	/	/	23.26	/	/	<=34.77	Pass
		Inner_1RB_Right	22.70	/	/	23.15	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.73	/	/	22.18	/	/	<=34.77	Pass
		Edge_1RB_Right	21.68	/	/	22.13	/	/	<=34.77	Pass
		Outer_Full	20.54	/	/	20.99	/	/	<=34.77	Pass
		Inner_Full	23.03	/	/	23.48	/	/	<=34.77	Pass
		Inner_1RB_Left	22.91	/	/	23.36	/	/	<=34.77	Pass
		Inner_1RB_Right	22.82	/	/	23.27	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	21.99	/	/	22.44	/	/	<=34.77	Pass
		Edge_1RB_Right	21.53	/	/	21.98	/	/	<=34.77	Pass
		Outer_Full	20.41	/	/	20.86	/	/	<=34.77	Pass
		Inner_Full	22.93	/	/	23.38	/	/	<=34.77	Pass
		Inner_1RB_Left	22.92	/	/	23.37	/	/	<=34.77	Pass
		Inner_1RB_Right	22.54	/	/	22.99	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	790.5	Edge_1RB_Left	21.45	/	/	21.9	/	/	<=34.77	Pass
		Edge_1RB_Right	21.33	/	/	21.78	/	/	<=34.77	Pass
		Outer_Full	19.74	/	/	20.19	/	/	<=34.77	Pass
		Inner_Full	21.33	/	/	21.78	/	/	<=34.77	Pass
		Inner_1RB_Left	21.44	/	/	21.89	/	/	<=34.77	Pass
		Inner_1RB_Right	21.34	/	/	21.79	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.74	/	/	22.19	/	/	<=34.77	Pass
		Edge_1RB_Right	21.41	/	/	21.86	/	/	<=34.77	Pass
		Outer_Full	19.95	/	/	20.4	/	/	<=34.77	Pass
		Inner_Full	21.55	/	/	22	/	/	<=34.77	Pass
		Inner_1RB_Left	21.64	/	/	22.09	/	/	<=34.77	Pass
		Inner_1RB_Right	21.48	/	/	21.93	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	21.72	/	/	22.17	/	/	<=34.77	Pass
		Edge_1RB_Right	21.28	/	/	21.73	/	/	<=34.77	Pass
		Outer_Full	19.84	/	/	20.29	/	/	<=34.77	Pass
		Inner_Full	21.48	/	/	21.93	/	/	<=34.77	Pass
		Inner_1RB_Left	21.71	/	/	22.16	/	/	<=34.77	Pass
		Inner_1RB_Right	21.38	/	/	21.83	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	790.5	Edge_1RB_Left	18.59	/	/	19.04	/	/	<=34.77	Pass
		Edge_1RB_Right	18.57	/	/	19.02	/	/	<=34.77	Pass
		Outer_Full	16.60	/	/	17.05	/	/	<=34.77	Pass
		Inner_Full	19.22	/	/	19.67	/	/	<=34.77	Pass
		Inner_1RB_Left	18.61	/	/	19.06	/	/	<=34.77	Pass
		Inner_1RB_Right	18.64	/	/	19.09	/	/	<=34.77	Pass
	793	Edge_1RB_Left	18.79	/	/	19.24	/	/	<=34.77	Pass
		Edge_1RB_Right	18.53	/	/	18.98	/	/	<=34.77	Pass
		Outer_Full	16.60	/	/	17.05	/	/	<=34.77	Pass
		Inner_Full	19.28	/	/	19.73	/	/	<=34.77	Pass
		Inner_1RB_Left	18.79	/	/	19.24	/	/	<=34.77	Pass
		Inner_1RB_Right	18.63	/	/	19.08	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	18.92	/	/	19.37	/	/	<=34.77	Pass

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		Edge_1RB_Right	18.59	/	/	19.04	/	/	<=34.77	Pass
		Outer_Full	16.69	/	/	17.14	/	/	<=34.77	Pass
		Inner_Full	19.43	/	/	19.88	/	/	<=34.77	Pass
		Inner_1RB_Left	18.94	/	/	19.39	/	/	<=34.77	Pass
		Inner_1RB_Right	18.63	/	/	19.08	/	/	<=34.77	Pass
CP-OFDM QPSK	790.5	Edge_1RB_Left	20.68	/	/	21.13	/	/	<=34.77	Pass
		Edge_1RB_Right	20.78	/	/	21.23	/	/	<=34.77	Pass
		Outer_Full	21.12	/	/	21.57	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	22.87	/	/	<=34.77	Pass
		Inner_1RB_Left	22.21	/	/	22.66	/	/	<=34.77	Pass
		Inner_1RB_Right	22.26	/	/	22.71	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.72	/	/	21.17	/	/	<=34.77	Pass
		Edge_1RB_Right	20.39	/	/	20.84	/	/	<=34.77	Pass
		Outer_Full	20.64	/	/	21.09	/	/	<=34.77	Pass
		Inner_Full	22.10	/	/	22.55	/	/	<=34.77	Pass
		Inner_1RB_Left	22.54	/	/	22.99	/	/	<=34.77	Pass
		Inner_1RB_Right	22.24	/	/	22.69	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	21.05	/	/	21.5	/	/	<=34.77	Pass
		Edge_1RB_Right	20.65	/	/	21.1	/	/	<=34.77	Pass
		Outer_Full	20.88	/	/	21.33	/	/	<=34.77	Pass
		Inner_Full	22.38	/	/	22.83	/	/	<=34.77	Pass
		Inner_1RB_Left	22.41	/	/	22.86	/	/	<=34.77	Pass
		Inner_1RB_Right	22.16	/	/	22.61	/	/	<=34.77	Pass
CP-OFDM 16 QAM	790.5	Edge_1RB_Left	20.78	/	/	21.23	/	/	<=34.77	Pass
		Edge_1RB_Right	20.80	/	/	21.25	/	/	<=34.77	Pass
		Outer_Full	19.12	/	/	19.57	/	/	<=34.77	Pass
		Inner_Full	21.94	/	/	22.39	/	/	<=34.77	Pass
		Inner_1RB_Left	21.96	/	/	22.41	/	/	<=34.77	Pass
		Inner_1RB_Right	22.02	/	/	22.47	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.76	/	/	21.21	/	/	<=34.77	Pass
		Edge_1RB_Right	20.63	/	/	21.08	/	/	<=34.77	Pass
		Outer_Full	18.79	/	/	19.24	/	/	<=34.77	Pass
		Inner_Full	21.61	/	/	22.06	/	/	<=34.77	Pass
		Inner_1RB_Left	21.83	/	/	22.28	/	/	<=34.77	Pass
		Inner_1RB_Right	21.75	/	/	22.2	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	20.99	/	/	21.44	/	/	<=34.77	Pass
		Edge_1RB_Right	20.69	/	/	21.14	/	/	<=34.77	Pass
		Outer_Full	18.95	/	/	19.4	/	/	<=34.77	Pass
		Inner_Full	21.85	/	/	22.3	/	/	<=34.77	Pass
		Inner_1RB_Left	22.16	/	/	22.61	/	/	<=34.77	Pass
		Inner_1RB_Right	21.81	/	/	22.26	/	/	<=34.77	Pass
CP-OFDM 64 QAM	790.5	Edge_1RB_Left	20.67	/	/	21.12	/	/	<=34.77	Pass
		Edge_1RB_Right	20.52	/	/	20.97	/	/	<=34.77	Pass
		Outer_Full	18.58	/	/	19.03	/	/	<=34.77	Pass
		Inner_Full	20.61	/	/	21.06	/	/	<=34.77	Pass
		Inner_1RB_Left	20.61	/	/	21.06	/	/	<=34.77	Pass
		Inner_1RB_Right	20.55	/	/	21	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.35	/	/	20.8	/	/	<=34.77	Pass

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		Edge_1RB_Right	20.12	/	/	20.57	/	/	<=34.77	Pass
		Outer_Full	18.33	/	/	18.78	/	/	<=34.77	Pass
		Inner_Full	20.35	/	/	20.8	/	/	<=34.77	Pass
		Inner_1RB_Left	20.36	/	/	20.81	/	/	<=34.77	Pass
		Inner_1RB_Right	20.22	/	/	20.67	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	20.64	/	/	21.09	/	/	<=34.77	Pass
		Edge_1RB_Right	20.27	/	/	20.72	/	/	<=34.77	Pass
		Outer_Full	18.40	/	/	18.85	/	/	<=34.77	Pass
		Inner_Full	20.43	/	/	20.88	/	/	<=34.77	Pass
		Inner_1RB_Left	20.60	/	/	21.05	/	/	<=34.77	Pass
		Inner_1RB_Right	20.28	/	/	20.73	/	/	<=34.77	Pass
CP-OFDM 256 QAM	790.5	Edge_1RB_Left	16.79	/	/	17.24	/	/	<=34.77	Pass
		Edge_1RB_Right	16.80	/	/	17.25	/	/	<=34.77	Pass
		Outer_Full	15.16	/	/	15.61	/	/	<=34.77	Pass
		Inner_Full	17.31	/	/	17.76	/	/	<=34.77	Pass
		Inner_1RB_Left	16.74	/	/	17.19	/	/	<=34.77	Pass
		Inner_1RB_Right	16.81	/	/	17.26	/	/	<=34.77	Pass
	793	Edge_1RB_Left	16.99	/	/	17.44	/	/	<=34.77	Pass
		Edge_1RB_Right	16.83	/	/	17.28	/	/	<=34.77	Pass
		Outer_Full	15.20	/	/	15.65	/	/	<=34.77	Pass
		Inner_Full	17.25	/	/	17.7	/	/	<=34.77	Pass
		Inner_1RB_Left	17.01	/	/	17.46	/	/	<=34.77	Pass
		Inner_1RB_Right	16.86	/	/	17.31	/	/	<=34.77	Pass
	795.5	Edge_1RB_Left	17.07	/	/	17.52	/	/	<=34.77	Pass
		Edge_1RB_Right	16.86	/	/	17.31	/	/	<=34.77	Pass
		Outer_Full	15.33	/	/	15.78	/	/	<=34.77	Pass
		Inner_Full	17.48	/	/	17.93	/	/	<=34.77	Pass
		Inner_1RB_Left	17.12	/	/	17.57	/	/	<=34.77	Pass
		Inner_1RB_Right	16.81	/	/	17.26	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant4: 2.6dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.2 15k_SISO_10MHz_NTNV_ERP

1.2.1 Test Result

5G NR n14 SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	793	Edge_1RB_Left	23.61	/	/	24.06	/	/	<=34.77	Pass
		Edge_1RB_Right	23.20	/	/	23.65	/	/	<=34.77	Pass
		Outer_Full	23.28	/	/	23.73	/	/	<=34.77	Pass
		Inner_Full	23.89	/	/	24.34	/	/	<=34.77	Pass
		Inner_1RB_Left	24.08	/	/	24.53	/	/	<=34.77	Pass
		Inner_1RB_Right	23.62	/	/	24.07	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.54	/	/	23.99	/	/	<=34.77	Pass

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		Edge_1RB_Right	23.17	/	/	23.62	/	/	<=34.77	Pass
		Outer_Full	23.31	/	/	23.76	/	/	<=34.77	Pass
		Inner_Full	23.92	/	/	24.37	/	/	<=34.77	Pass
		Inner_1RB_Left	23.91	/	/	24.36	/	/	<=34.77	Pass
		Inner_1RB_Right	23.63	/	/	24.08	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.56	/	/	24.01	/	/	<=34.77	Pass
		Edge_1RB_Right	23.10	/	/	23.55	/	/	<=34.77	Pass
		Outer_Full	23.36	/	/	23.81	/	/	<=34.77	Pass
		Inner_Full	23.96	/	/	24.41	/	/	<=34.77	Pass
		Inner_1RB_Left	23.72	/	/	24.17	/	/	<=34.77	Pass
		Inner_1RB_Right	23.43	/	/	23.88	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	793	Edge_1RB_Left	22.89	/	/	23.34	/	/	<=34.77	Pass
		Edge_1RB_Right	22.58	/	/	23.03	/	/	<=34.77	Pass
		Outer_Full	21.42	/	/	21.87	/	/	<=34.77	Pass
		Inner_Full	24.01	/	/	24.46	/	/	<=34.77	Pass
		Inner_1RB_Left	23.99	/	/	24.44	/	/	<=34.77	Pass
		Inner_1RB_Right	23.66	/	/	24.11	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.04	/	/	23.49	/	/	<=34.77	Pass
		Edge_1RB_Right	22.65	/	/	23.1	/	/	<=34.77	Pass
		Outer_Full	21.42	/	/	21.87	/	/	<=34.77	Pass
		Inner_Full	23.90	/	/	24.35	/	/	<=34.77	Pass
		Inner_1RB_Left	23.97	/	/	24.42	/	/	<=34.77	Pass
		Inner_1RB_Right	23.65	/	/	24.1	/	/	<=34.77	Pass
	793	Edge_1RB_Left	23.01	/	/	23.46	/	/	<=34.77	Pass
		Edge_1RB_Right	22.62	/	/	23.07	/	/	<=34.77	Pass
		Outer_Full	21.39	/	/	21.84	/	/	<=34.77	Pass
		Inner_Full	23.97	/	/	24.42	/	/	<=34.77	Pass
		Inner_1RB_Left	24.00	/	/	24.45	/	/	<=34.77	Pass
		Inner_1RB_Right	23.66	/	/	24.11	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	793	Edge_1RB_Left	21.92	/	/	22.37	/	/	<=34.77	Pass
		Edge_1RB_Right	21.48	/	/	21.93	/	/	<=34.77	Pass
		Outer_Full	20.30	/	/	20.75	/	/	<=34.77	Pass
		Inner_Full	23.03	/	/	23.48	/	/	<=34.77	Pass
		Inner_1RB_Left	23.04	/	/	23.49	/	/	<=34.77	Pass
		Inner_1RB_Right	22.62	/	/	23.07	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.86	/	/	22.31	/	/	<=34.77	Pass
		Edge_1RB_Right	21.58	/	/	22.03	/	/	<=34.77	Pass
		Outer_Full	20.30	/	/	20.75	/	/	<=34.77	Pass
		Inner_Full	22.97	/	/	23.42	/	/	<=34.77	Pass
		Inner_1RB_Left	22.83	/	/	23.28	/	/	<=34.77	Pass
		Inner_1RB_Right	22.59	/	/	23.04	/	/	<=34.77	Pass
	793	Edge_1RB_Left	22.03	/	/	22.48	/	/	<=34.77	Pass
		Edge_1RB_Right	21.67	/	/	22.12	/	/	<=34.77	Pass
		Outer_Full	20.39	/	/	20.84	/	/	<=34.77	Pass
		Inner_Full	23.05	/	/	23.5	/	/	<=34.77	Pass
		Inner_1RB_Left	23.08	/	/	23.53	/	/	<=34.77	Pass
		Inner_1RB_Right	22.60	/	/	23.05	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	793	Edge_1RB_Left	21.85	/	/	22.3	/	/	<=34.77	Pass

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		Edge_1RB_Right	21.44	/	/	21.89	/	/	<=34.77	Pass
		Outer_Full	19.89	/	/	20.34	/	/	<=34.77	Pass
		Inner_Full	21.55	/	/	22	/	/	<=34.77	Pass
		Inner_1RB_Left	21.73	/	/	22.18	/	/	<=34.77	Pass
		Inner_1RB_Right	21.41	/	/	21.86	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.34	/	/	21.79	/	/	<=34.77	Pass
		Edge_1RB_Right	21.08	/	/	21.53	/	/	<=34.77	Pass
		Outer_Full	19.90	/	/	20.35	/	/	<=34.77	Pass
		Inner_Full	21.41	/	/	21.86	/	/	<=34.77	Pass
		Inner_1RB_Left	21.48	/	/	21.93	/	/	<=34.77	Pass
		Inner_1RB_Right	21.28	/	/	21.73	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.80	/	/	22.25	/	/	<=34.77	Pass
		Edge_1RB_Right	21.33	/	/	21.78	/	/	<=34.77	Pass
		Outer_Full	19.93	/	/	20.38	/	/	<=34.77	Pass
		Inner_Full	21.46	/	/	21.91	/	/	<=34.77	Pass
		Inner_1RB_Left	21.71	/	/	22.16	/	/	<=34.77	Pass
		Inner_1RB_Right	21.34	/	/	21.79	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	793	Edge_1RB_Left	18.97	/	/	19.42	/	/	<=34.77	Pass
		Edge_1RB_Right	18.66	/	/	19.11	/	/	<=34.77	Pass
		Outer_Full	16.84	/	/	17.29	/	/	<=34.77	Pass
		Inner_Full	19.41	/	/	19.86	/	/	<=34.77	Pass
		Inner_1RB_Left	18.92	/	/	19.37	/	/	<=34.77	Pass
		Inner_1RB_Right	18.69	/	/	19.14	/	/	<=34.77	Pass
	793	Edge_1RB_Left	18.71	/	/	19.16	/	/	<=34.77	Pass
		Edge_1RB_Right	18.48	/	/	18.93	/	/	<=34.77	Pass
		Outer_Full	16.67	/	/	17.12	/	/	<=34.77	Pass
		Inner_Full	19.24	/	/	19.69	/	/	<=34.77	Pass
		Inner_1RB_Left	18.73	/	/	19.18	/	/	<=34.77	Pass
		Inner_1RB_Right	18.58	/	/	19.03	/	/	<=34.77	Pass
	793	Edge_1RB_Left	18.83	/	/	19.28	/	/	<=34.77	Pass
		Edge_1RB_Right	18.61	/	/	19.06	/	/	<=34.77	Pass
		Outer_Full	16.81	/	/	17.26	/	/	<=34.77	Pass
		Inner_Full	19.36	/	/	19.81	/	/	<=34.77	Pass
		Inner_1RB_Left	18.87	/	/	19.32	/	/	<=34.77	Pass
		Inner_1RB_Right	18.68	/	/	19.13	/	/	<=34.77	Pass
CP-OFDM QPSK	793	Edge_1RB_Left	21.03	/	/	21.48	/	/	<=34.77	Pass
		Edge_1RB_Right	20.68	/	/	21.13	/	/	<=34.77	Pass
		Outer_Full	20.87	/	/	21.32	/	/	<=34.77	Pass
		Inner_Full	22.43	/	/	22.88	/	/	<=34.77	Pass
		Inner_1RB_Left	22.50	/	/	22.95	/	/	<=34.77	Pass
		Inner_1RB_Right	22.09	/	/	22.54	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.97	/	/	21.42	/	/	<=34.77	Pass
		Edge_1RB_Right	20.50	/	/	20.95	/	/	<=34.77	Pass
		Outer_Full	20.91	/	/	21.36	/	/	<=34.77	Pass
		Inner_Full	22.33	/	/	22.78	/	/	<=34.77	Pass
		Inner_1RB_Left	22.17	/	/	22.62	/	/	<=34.77	Pass
		Inner_1RB_Right	22.11	/	/	22.56	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.01	/	/	21.46	/	/	<=34.77	Pass

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		Edge_1RB_Right	20.61	/	/	21.06	/	/	<=34.77	Pass
		Outer_Full	20.73	/	/	21.18	/	/	<=34.77	Pass
		Inner_Full	22.39	/	/	22.84	/	/	<=34.77	Pass
		Inner_1RB_Left	22.46	/	/	22.91	/	/	<=34.77	Pass
		Inner_1RB_Right	22.07	/	/	22.52	/	/	<=34.77	Pass
CP-OFDM 16 QAM	793	Edge_1RB_Left	21.06	/	/	21.51	/	/	<=34.77	Pass
		Edge_1RB_Right	20.72	/	/	21.17	/	/	<=34.77	Pass
		Outer_Full	18.90	/	/	19.35	/	/	<=34.77	Pass
		Inner_Full	22.01	/	/	22.46	/	/	<=34.77	Pass
		Inner_1RB_Left	22.15	/	/	22.6	/	/	<=34.77	Pass
		Inner_1RB_Right	21.78	/	/	22.23	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.10	/	/	21.55	/	/	<=34.77	Pass
		Edge_1RB_Right	20.73	/	/	21.18	/	/	<=34.77	Pass
		Outer_Full	19.05	/	/	19.5	/	/	<=34.77	Pass
		Inner_Full	22.01	/	/	22.46	/	/	<=34.77	Pass
		Inner_1RB_Left	22.10	/	/	22.55	/	/	<=34.77	Pass
		Inner_1RB_Right	21.80	/	/	22.25	/	/	<=34.77	Pass
	793	Edge_1RB_Left	21.10	/	/	21.55	/	/	<=34.77	Pass
		Edge_1RB_Right	20.71	/	/	21.16	/	/	<=34.77	Pass
		Outer_Full	18.90	/	/	19.35	/	/	<=34.77	Pass
		Inner_Full	21.93	/	/	22.38	/	/	<=34.77	Pass
		Inner_1RB_Left	22.11	/	/	22.56	/	/	<=34.77	Pass
		Inner_1RB_Right	21.63	/	/	22.08	/	/	<=34.77	Pass
CP-OFDM 64 QAM	793	Edge_1RB_Left	20.66	/	/	21.11	/	/	<=34.77	Pass
		Edge_1RB_Right	20.27	/	/	20.72	/	/	<=34.77	Pass
		Outer_Full	18.46	/	/	18.91	/	/	<=34.77	Pass
		Inner_Full	20.48	/	/	20.93	/	/	<=34.77	Pass
		Inner_1RB_Left	20.58	/	/	21.03	/	/	<=34.77	Pass
		Inner_1RB_Right	20.27	/	/	20.72	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.49	/	/	20.94	/	/	<=34.77	Pass
		Edge_1RB_Right	20.09	/	/	20.54	/	/	<=34.77	Pass
		Outer_Full	18.43	/	/	18.88	/	/	<=34.77	Pass
		Inner_Full	20.48	/	/	20.93	/	/	<=34.77	Pass
		Inner_1RB_Left	20.68	/	/	21.13	/	/	<=34.77	Pass
		Inner_1RB_Right	20.09	/	/	20.54	/	/	<=34.77	Pass
	793	Edge_1RB_Left	20.40	/	/	20.85	/	/	<=34.77	Pass
		Edge_1RB_Right	20.20	/	/	20.65	/	/	<=34.77	Pass
		Outer_Full	18.48	/	/	18.93	/	/	<=34.77	Pass
		Inner_Full	20.46	/	/	20.91	/	/	<=34.77	Pass
		Inner_1RB_Left	20.56	/	/	21.01	/	/	<=34.77	Pass
		Inner_1RB_Right	20.23	/	/	20.68	/	/	<=34.77	Pass
CP-OFDM 256 QAM	793	Edge_1RB_Left	17.03	/	/	17.48	/	/	<=34.77	Pass
		Edge_1RB_Right	16.80	/	/	17.25	/	/	<=34.77	Pass
		Outer_Full	15.31	/	/	15.76	/	/	<=34.77	Pass
		Inner_Full	17.35	/	/	17.8	/	/	<=34.77	Pass
		Inner_1RB_Left	17.02	/	/	17.47	/	/	<=34.77	Pass
		Inner_1RB_Right	16.83	/	/	17.28	/	/	<=34.77	Pass
	793	Edge_1RB_Left	16.63	/	/	17.08	/	/	<=34.77	Pass

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		Edge_1RB_Right	16.45	/	/	16.9	/	/	<=34.77	Pass
		Outer_Full	15.09	/	/	15.54	/	/	<=34.77	Pass
		Inner_Full	17.12	/	/	17.57	/	/	<=34.77	Pass
		Inner_1RB_Left	16.62	/	/	17.07	/	/	<=34.77	Pass
		Inner_1RB_Right	16.42	/	/	16.87	/	/	<=34.77	Pass
	793	Edge_1RB_Left	17.01	/	/	17.46	/	/	<=34.77	Pass
		Edge_1RB_Right	16.77	/	/	17.22	/	/	<=34.77	Pass
		Outer_Full	15.28	/	/	15.73	/	/	<=34.77	Pass
		Inner_Full	17.40	/	/	17.85	/	/	<=34.77	Pass
		Inner_1RB_Left	16.97	/	/	17.42	/	/	<=34.77	Pass
		Inner_1RB_Right	16.78	/	/	17.23	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant4: 2.6dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

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2. Frequency Stability

2.1 15k_SISO_5MHz

2.1.1 Test Result

5G NR n14 SCS=15kHz SISO 5MHz								
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	-1.70	-0.0021	>=-2.5 & <=2.5	Pass
				HV	4.00	0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	5.10	0.0064	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0069	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-1.00	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	3.90	0.0049	>=-2.5 & <=2.5	Pass
			40	NV	1.00	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	4.50	0.0057	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	793	Outer_Full	20	LV	-2.30	-0.0029	>=-2.5 & <=2.5	Pass
				HV	1.50	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	1.30	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	0.70	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	2.90	0.0037	>=-2.5 & <=2.5	Pass
			20	NV	1.40	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-1.80	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	20	LV	1.50	0.0019	>=-2.5 & <=2.5	Pass
				HV	0.90	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	1.00	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	3.30	0.0042	>=-2.5 & <=2.5	Pass
			0	NV	2.00	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	0.60	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	2.40	0.0030	>=-2.5 & <=2.5	Pass
			40	NV	1.00	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	20	LV	1.50	0.0019	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	2.70	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	1.10	0.0014	>=-2.5 & <=2.5	Pass

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			-10	NV	1.20	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-0.50	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	0.90	0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-1.00	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	20	LV	1.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	3.80	0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	3.30	0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	3.80	0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0048	>=-2.5 & <=2.5	Pass
			0	NV	3.40	0.0043	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			30	NV	0.80	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-1.20	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	793	Outer_Full	20	LV	2.90	0.0037	>=-2.5 & <=2.5	Pass
				HV	6.10	0.0077	>=-2.5 & <=2.5	Pass
			-30	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	3.20	0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	0.40	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	2.30	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	4.30	0.0054	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0067	>=-2.5 & <=2.5	Pass
			50	NV	4.90	0.0062	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	793	Outer_Full	20	LV	4.70	0.0059	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	1.20	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	3.20	0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			0	NV	2.70	0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-1.10	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	1.40	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0048	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-0.70	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	793	Outer_Full	20	LV	-1.20	-0.0015	>=-2.5 & <=2.5	Pass
				HV	4.10	0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	2.70	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	2.90	0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			0	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	4.60	0.0058	>=-2.5 & <=2.5	Pass

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			30	NV	1.00	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
			50	NV	-2.70	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	793	Outer_Full	20	LV	2.10	0.0026	>=-2.5 & <=2.5	Pass
				HV	0.70	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	4.20	0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	1.20	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	1.50	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	3.60	0.0045	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	1.40	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	4.50	0.0057	>=-2.5 & <=2.5	Pass
			50	NV	5.80	0.0073	>=-2.5 & <=2.5	Pass

2.2 15k_SISO_10MHz

2.2.1 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	6.50	0.0082	>=-2.5 & <=2.5	Pass
				HV	0.30	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0061	>=-2.5 & <=2.5	Pass
			-20	NV	-0.30	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			20	NV	0.70	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	2.10	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	3.00	0.0038	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	793	Outer_Full	20	LV	2.70	0.0034	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	6.00	0.0076	>=-2.5 & <=2.5	Pass
			-20	NV	-0.50	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	1.30	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0028	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0032	>=-2.5 & <=2.5	Pass
			40	NV	4.10	0.0052	>=-2.5 & <=2.5	Pass
			50	NV	-0.30	-0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	20	LV	2.00	0.0025	>=-2.5 & <=2.5	Pass
				HV	5.50	0.0069	>=-2.5 & <=2.5	Pass

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			-30	NV	3.20	0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	4.20	0.0053	>=-2.5 & <=2.5	Pass
			20	NV	1.30	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	2.60	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	6.90	0.0087	>=-2.5 & <=2.5	Pass
			50	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	20	LV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	5.30	0.0067	>=-2.5 & <=2.5	Pass
			-30	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	3.50	0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0043	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	5.10	0.0064	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	20	LV	5.20	0.0066	>=-2.5 & <=2.5	Pass
				HV	1.10	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	4.50	0.0057	>=-2.5 & <=2.5	Pass
			0	NV	1.60	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	1.10	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	793	Outer_Full	20	LV	2.40	0.0030	>=-2.5 & <=2.5	Pass
				HV	0.40	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	1.10	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	3.20	0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	4.20	0.0053	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0039	>=-2.5 & <=2.5	Pass
			10	NV	1.40	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-0.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	1.00	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.40	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	0.90	0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	793	Outer_Full	20	LV	1.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	0.20	0.0003	>=-2.5 & <=2.5	Pass
			-30	NV	3.70	0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	3.60	0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	3.00	0.0038	>=-2.5 & <=2.5	Pass
			0	NV	2.60	0.0033	>=-2.5 & <=2.5	Pass

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			10	NV	1.90	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0067	>=-2.5 & <=2.5	Pass
			50	NV	2.60	0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	793	Outer_Full	20	LV	3.40	0.0043	>=-2.5 & <=2.5	Pass
				HV	4.30	0.0054	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	0.80	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	1.50	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	2.80	0.0035	>=-2.5 & <=2.5	Pass
			10	NV	3.10	0.0039	>=-2.5 & <=2.5	Pass
			20	NV	0.80	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	3.10	0.0039	>=-2.5 & <=2.5	Pass
			50	NV	3.30	0.0042	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	793	Outer_Full	20	LV	6.20	0.0078	>=-2.5 & <=2.5	Pass
				HV	5.60	0.0071	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	2.40	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	0.90	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	6.10	0.0077	>=-2.5 & <=2.5	Pass
			10	NV	3.20	0.0040	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0029	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	3.70	0.0047	>=-2.5 & <=2.5	Pass
			50	NV	6.90	0.0087	>=-2.5 & <=2.5	Pass

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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	4.53	5.05	/	Pass
	793	Outer_Full	4.52	5.08	/	Pass
	795.5	Outer_Full	4.54	5.06	/	Pass
DFT-s-OFDM QPSK	790.5	Outer_Full	4.52	5.02	/	Pass
	793	Outer_Full	4.52	5.05	/	Pass
	795.5	Outer_Full	4.53	5.02	/	Pass
DFT-s-OFDM 16 QAM	790.5	Outer_Full	4.54	5.05	/	Pass
	793	Outer_Full	4.54	5.04	/	Pass
	795.5	Outer_Full	4.55	5.04	/	Pass
DFT-s-OFDM 64 QAM	790.5	Outer_Full	4.51	5.04	/	Pass
	793	Outer_Full	4.54	5.05	/	Pass
	795.5	Outer_Full	4.51	5.02	/	Pass
DFT-s-OFDM 256 QAM	790.5	Outer_Full	4.51	5.04	/	Pass
	793	Outer_Full	4.53	5.09	/	Pass
	795.5	Outer_Full	4.51	5.05	/	Pass
CP-OFDM QPSK	790.5	Outer_Full	4.52	5.04	/	Pass
	793	Outer_Full	4.52	5.12	/	Pass
	795.5	Outer_Full	4.54	5.08	/	Pass
CP-OFDM 16 QAM	790.5	Outer_Full	4.55	5.11	/	Pass
	793	Outer_Full	4.54	5.01	/	Pass
	795.5	Outer_Full	4.53	5.08	/	Pass
CP-OFDM 64 QAM	790.5	Outer_Full	4.52	5.04	/	Pass
	793	Outer_Full	4.53	5.09	/	Pass
	795.5	Outer_Full	4.50	5.01	/	Pass
CP-OFDM 256 QAM	790.5	Outer_Full	4.53	5.11	/	Pass
	793	Outer_Full	4.54	5.03	/	Pass
	795.5	Outer_Full	4.53	5.04	/	Pass

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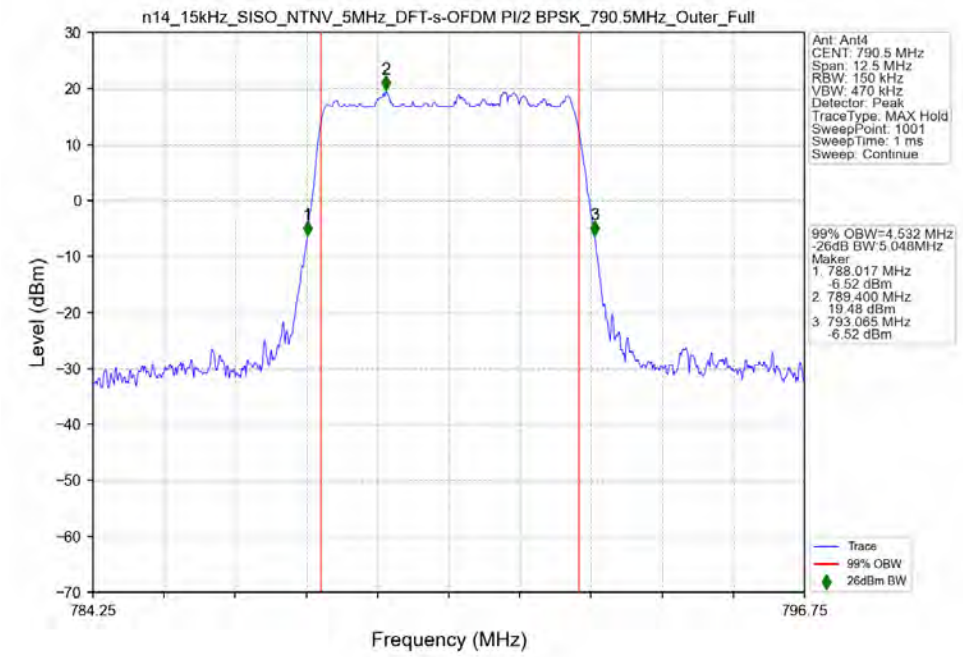
3.1.2 Test Graph

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



n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full

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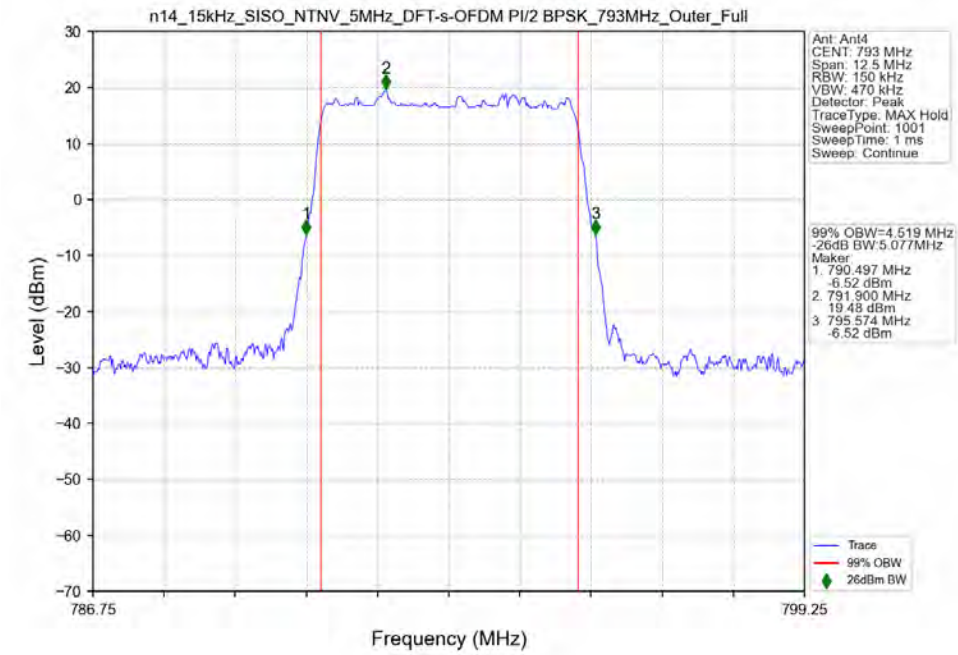

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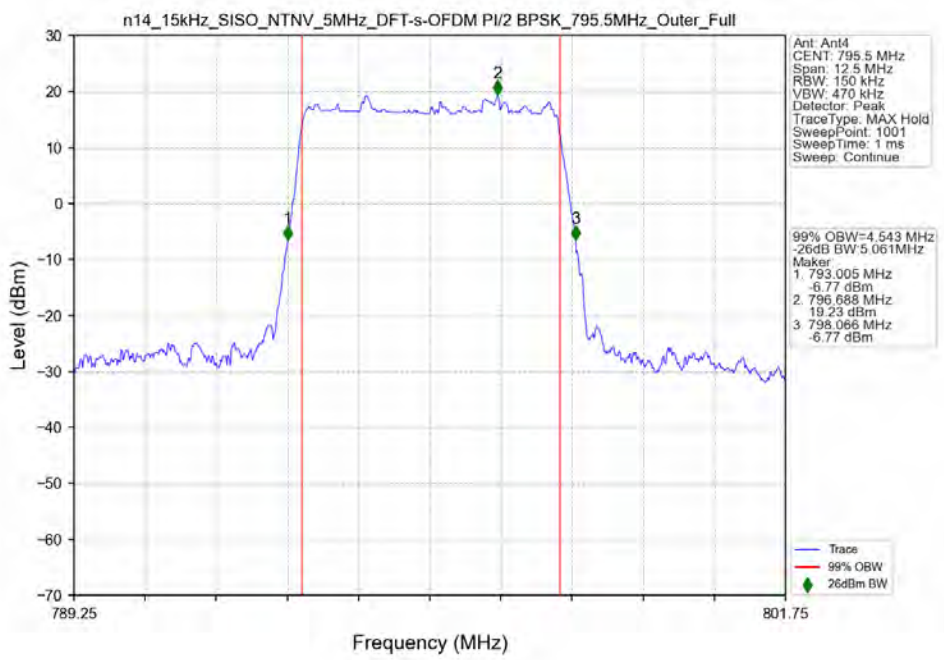
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Outer_Full



n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Outer_Full

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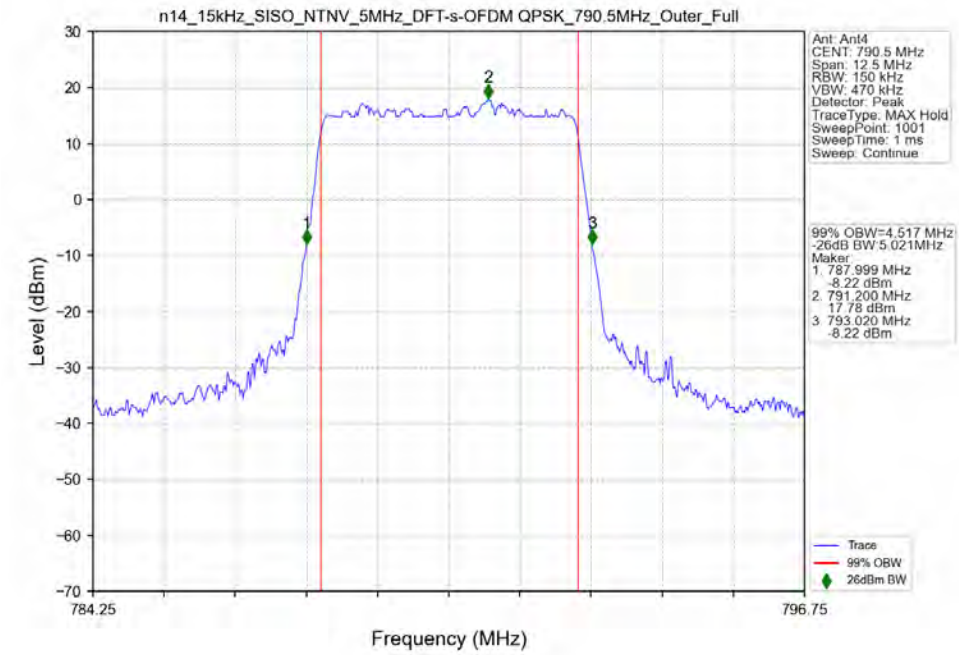

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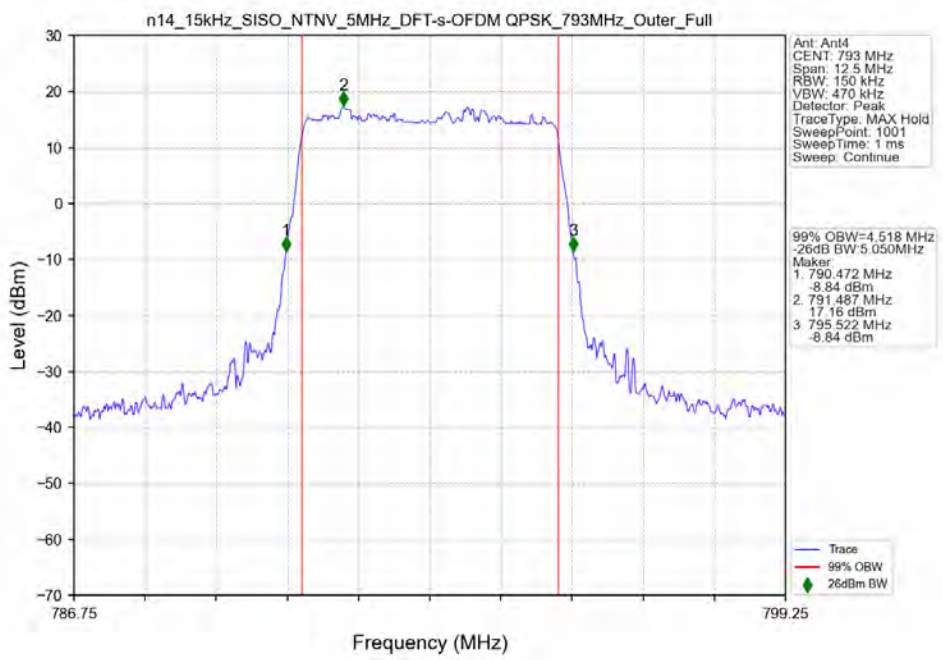
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_793MHz_Outer_Full



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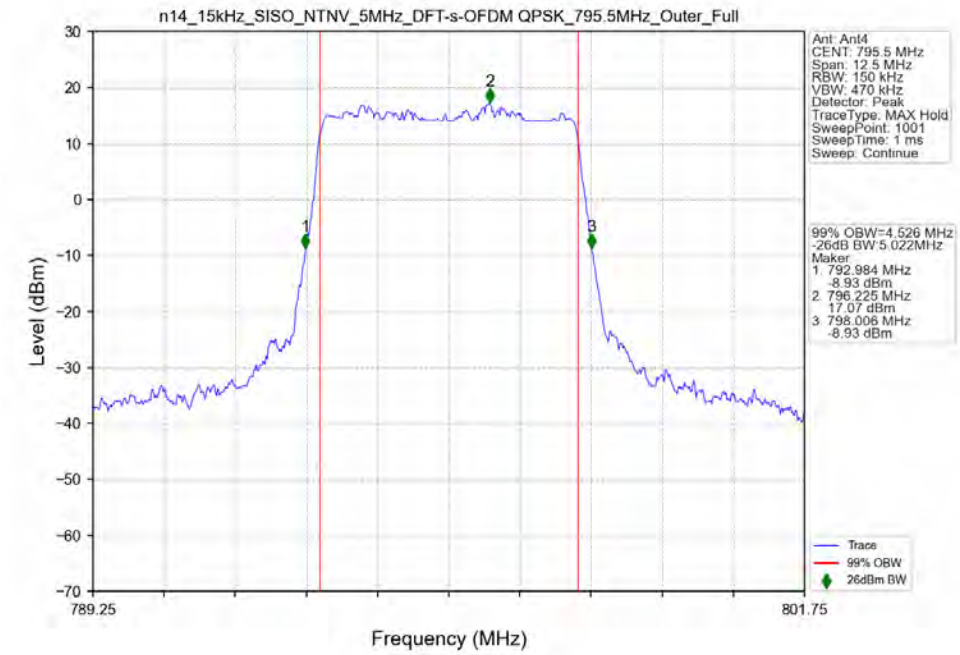

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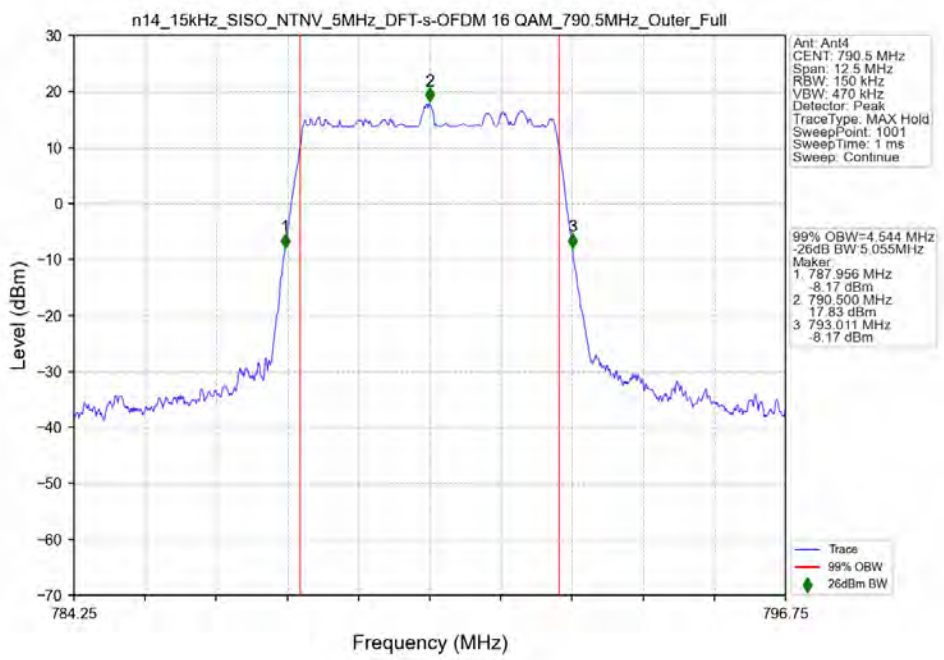
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_790.5MHz_Outer_Full



n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_793MHz_Outer_Full

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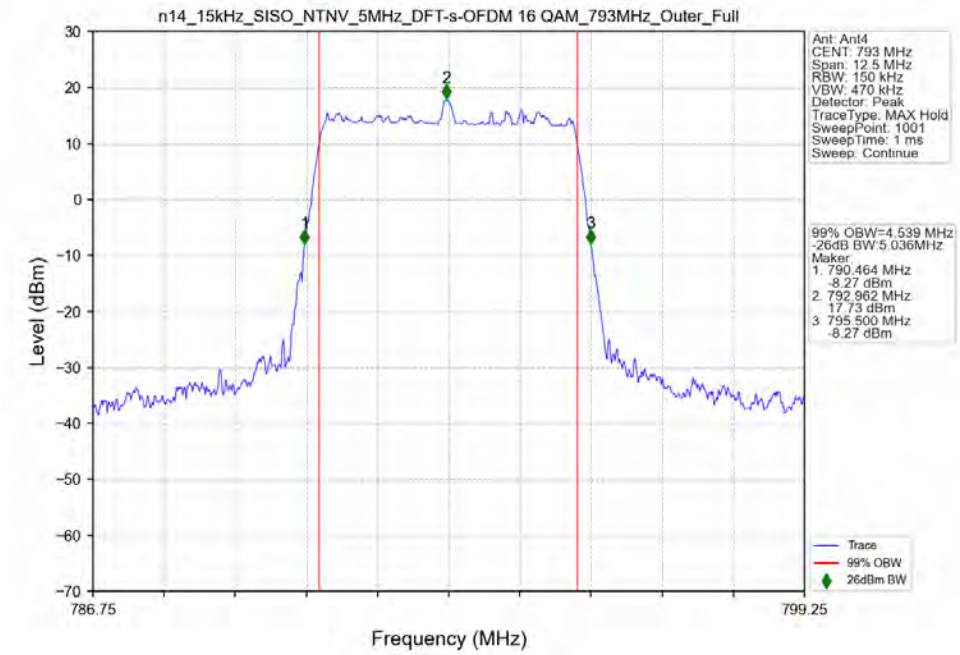

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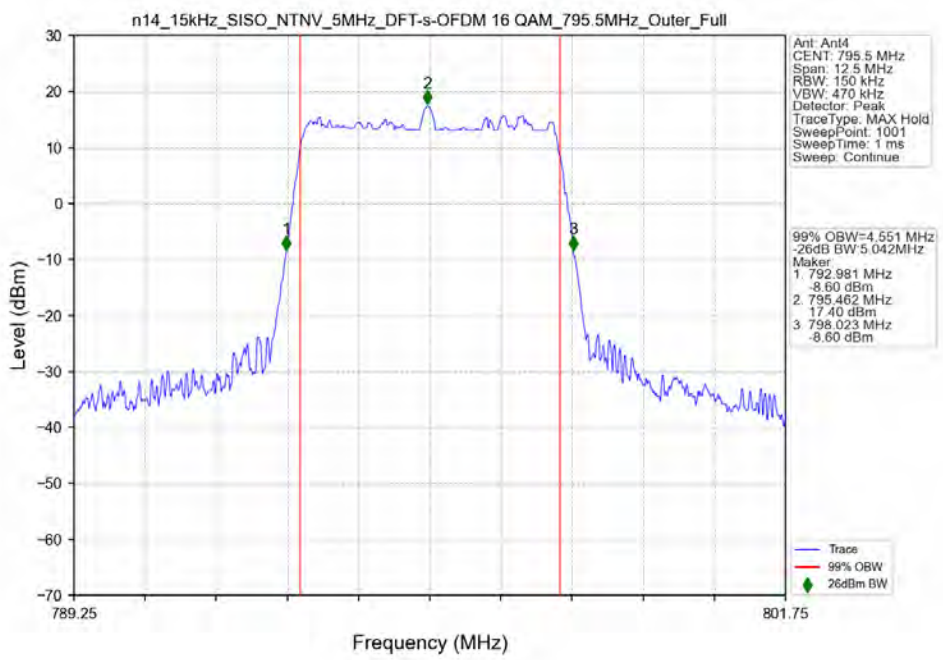
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_795.5MHz_Outer_Full



n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_790.5MHz_Outer_Full

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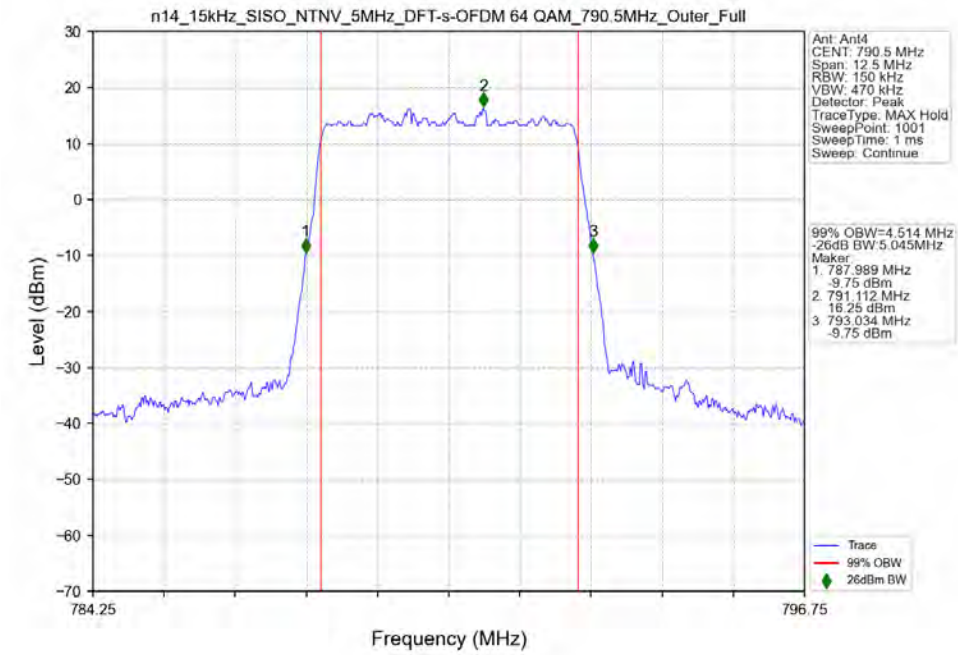

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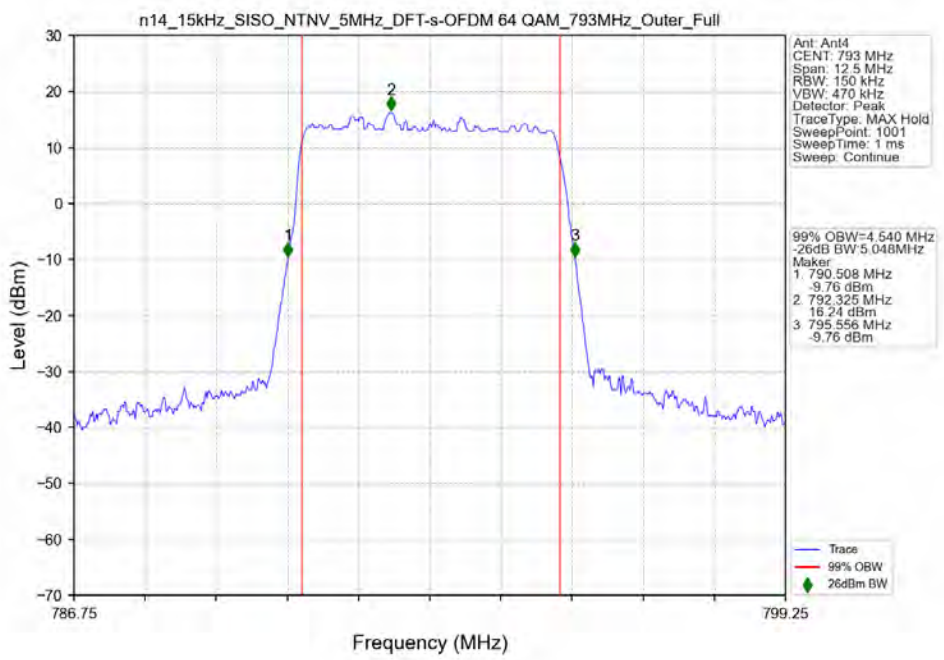

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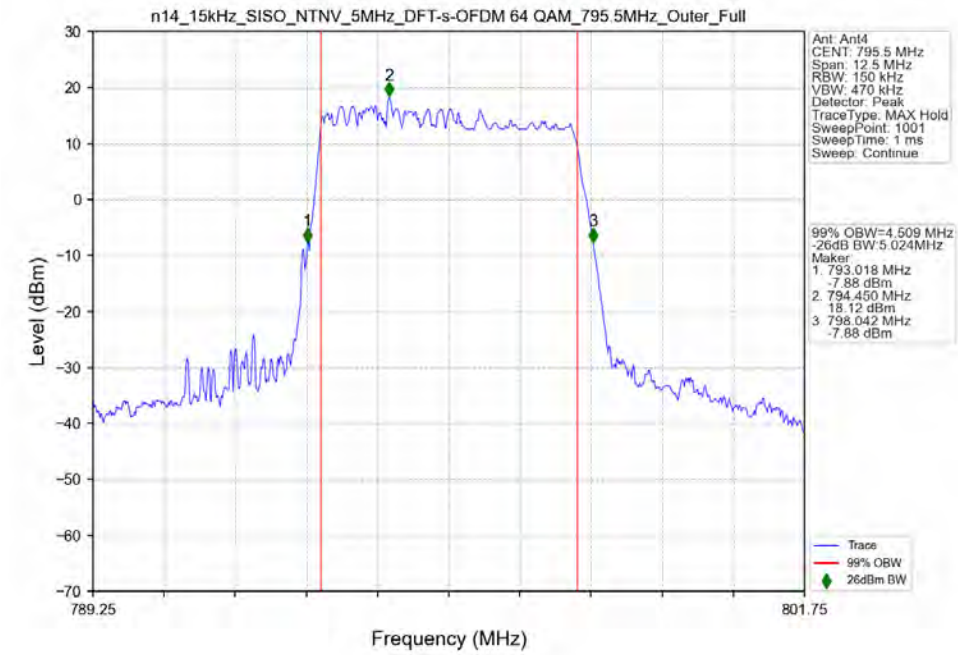

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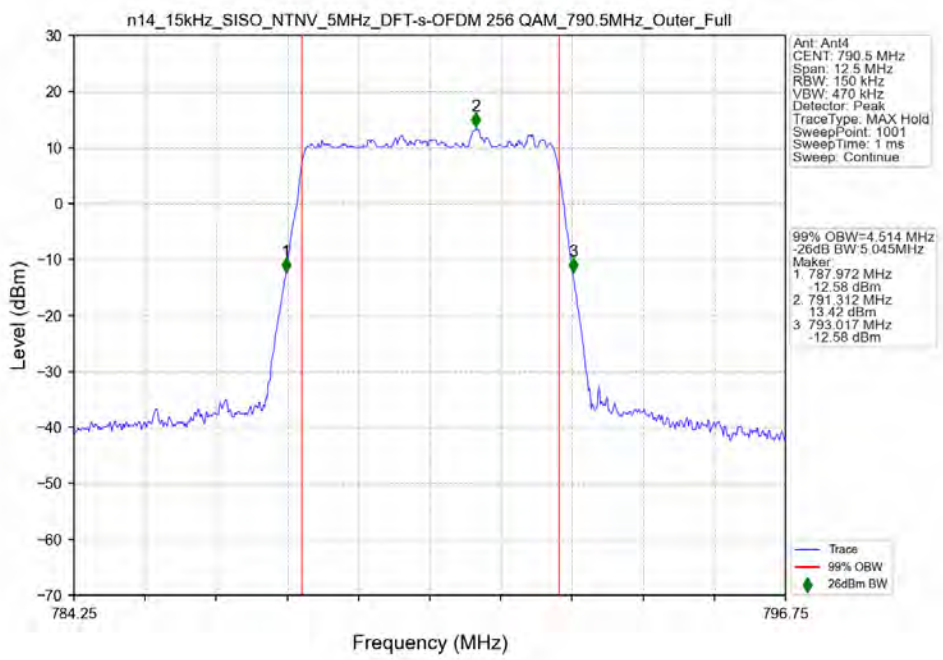
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_790.5MHz_Outer_Full



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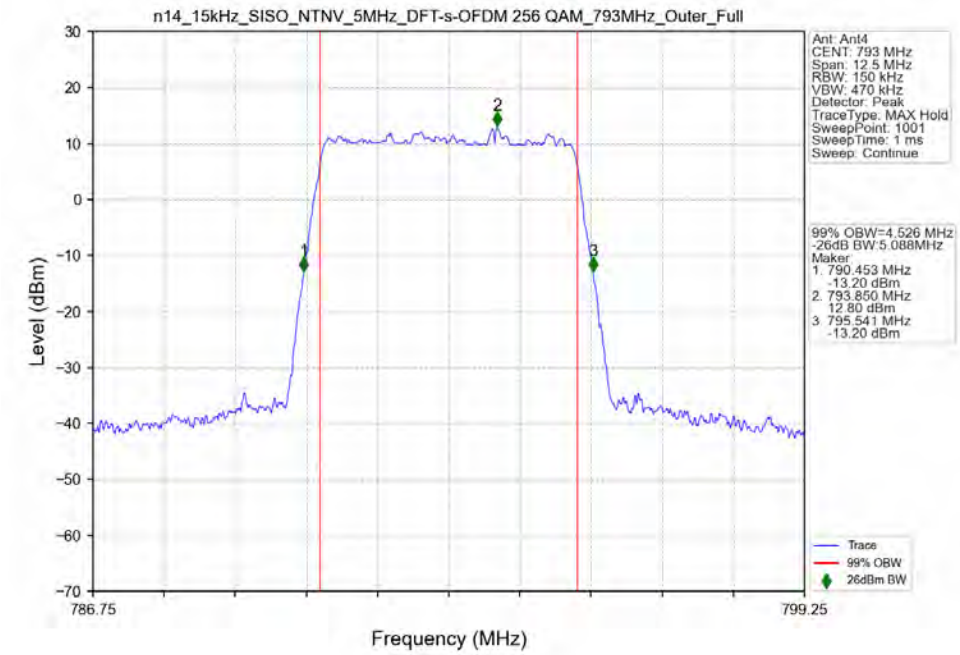

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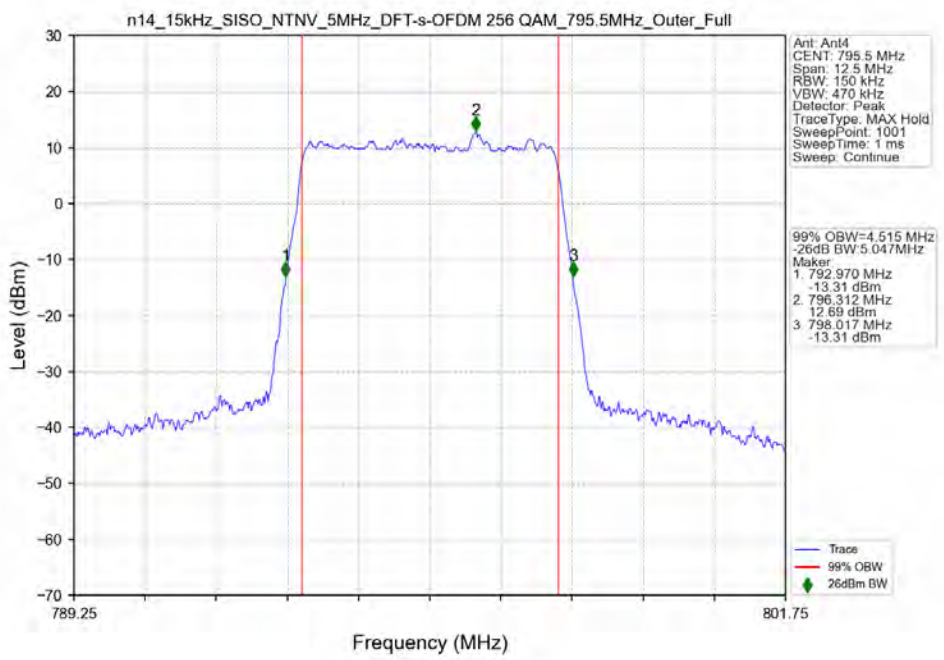

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Outer_Full

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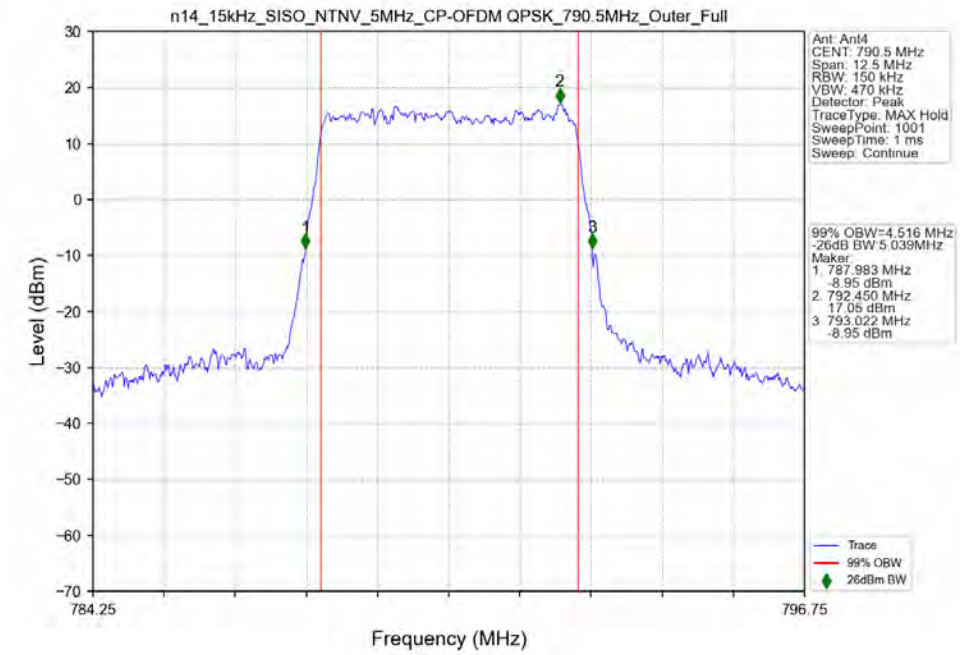

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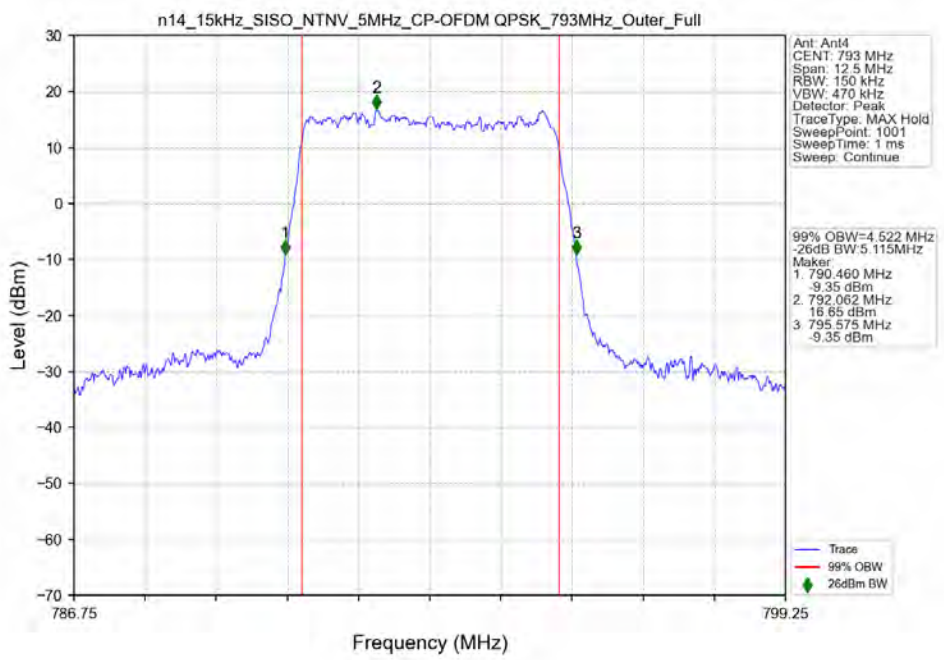
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_793MHz_Outer_Full



n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Outer_Full

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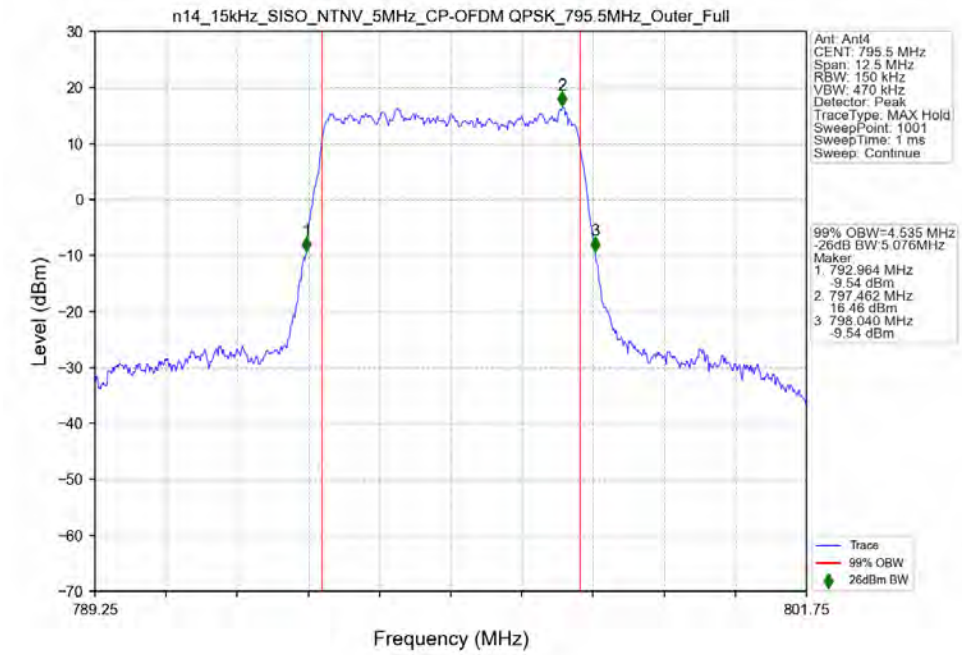

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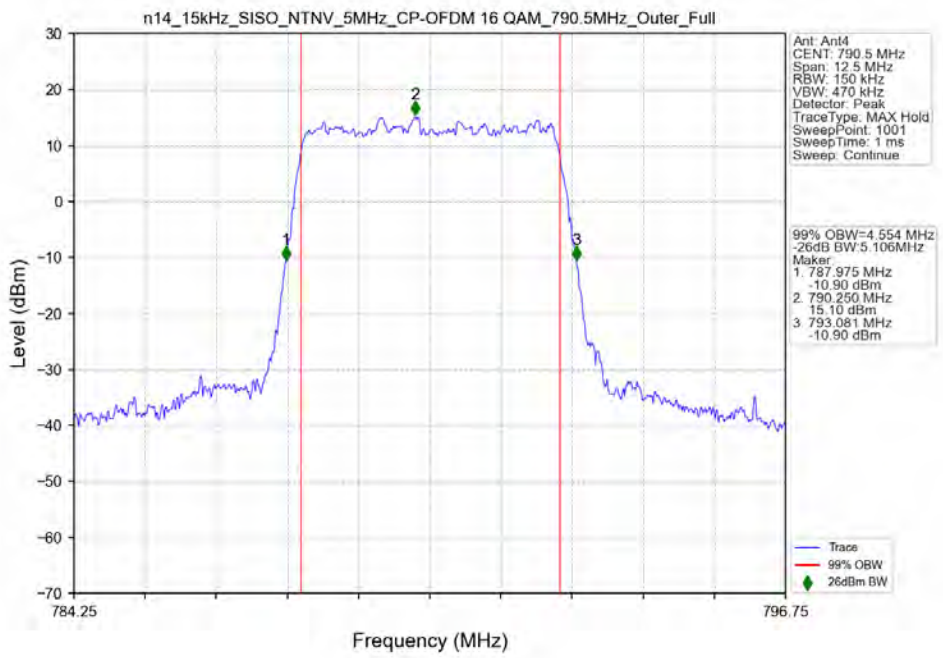
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_790.5MHz_Outer_Full



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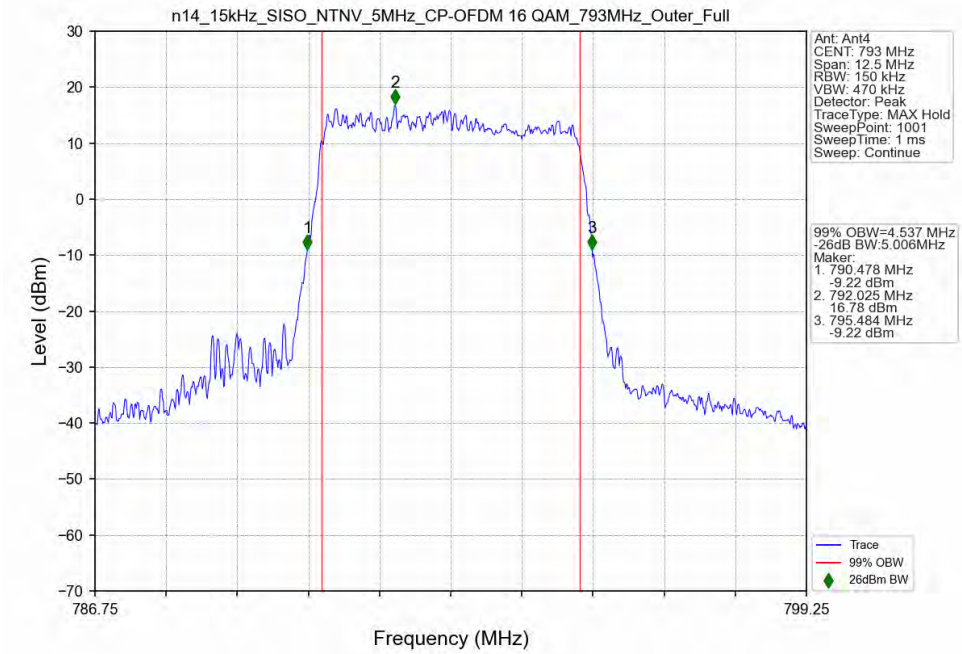

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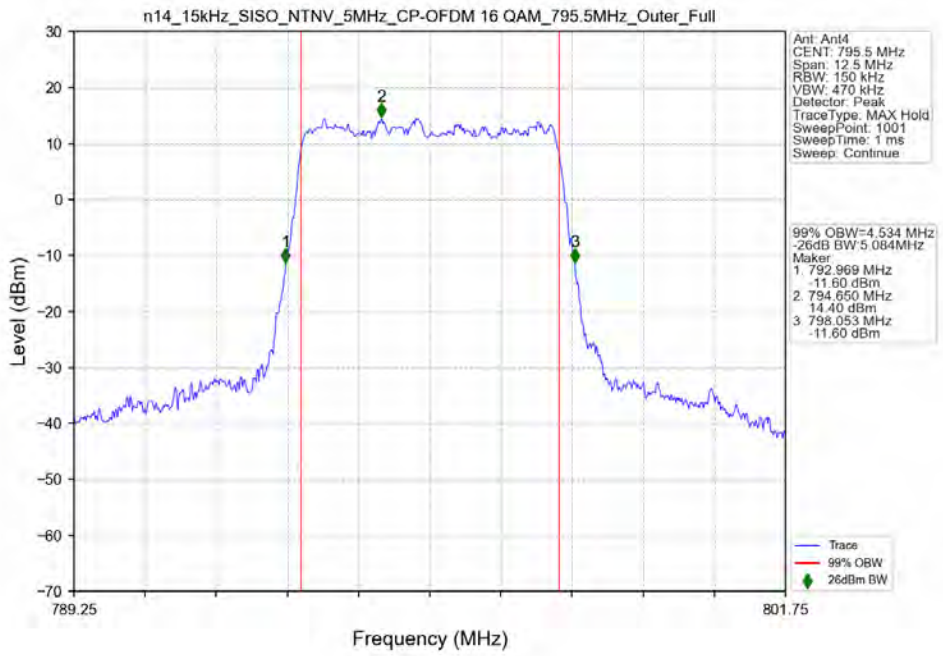

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_790.5MHz_Outer_Full

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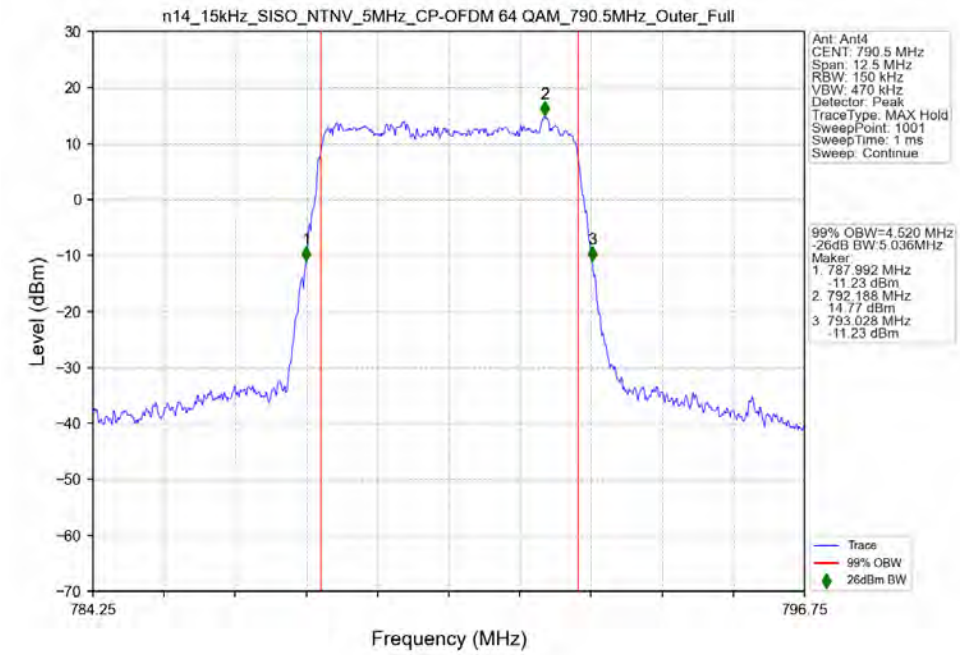

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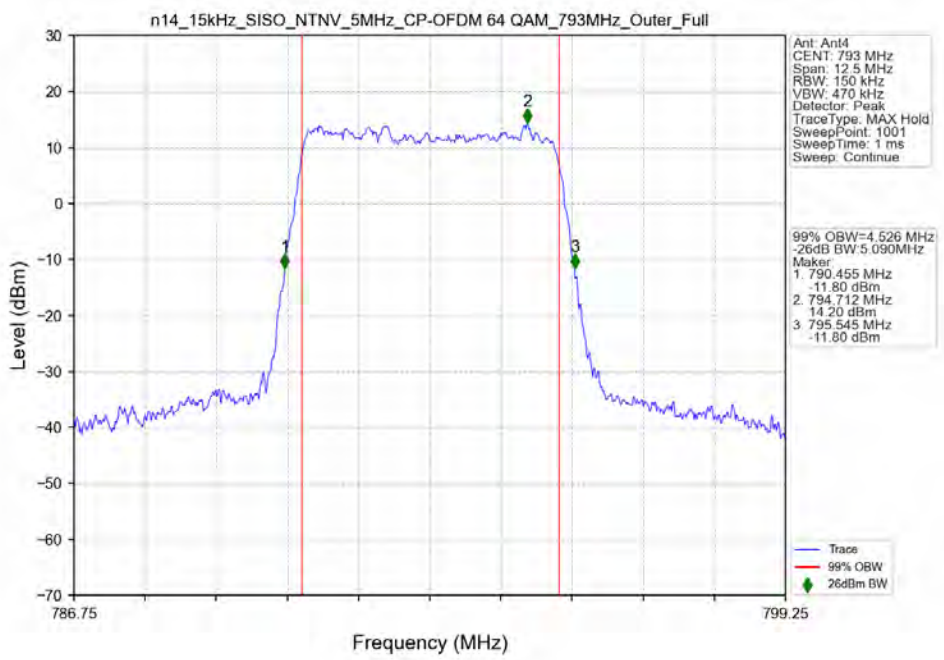

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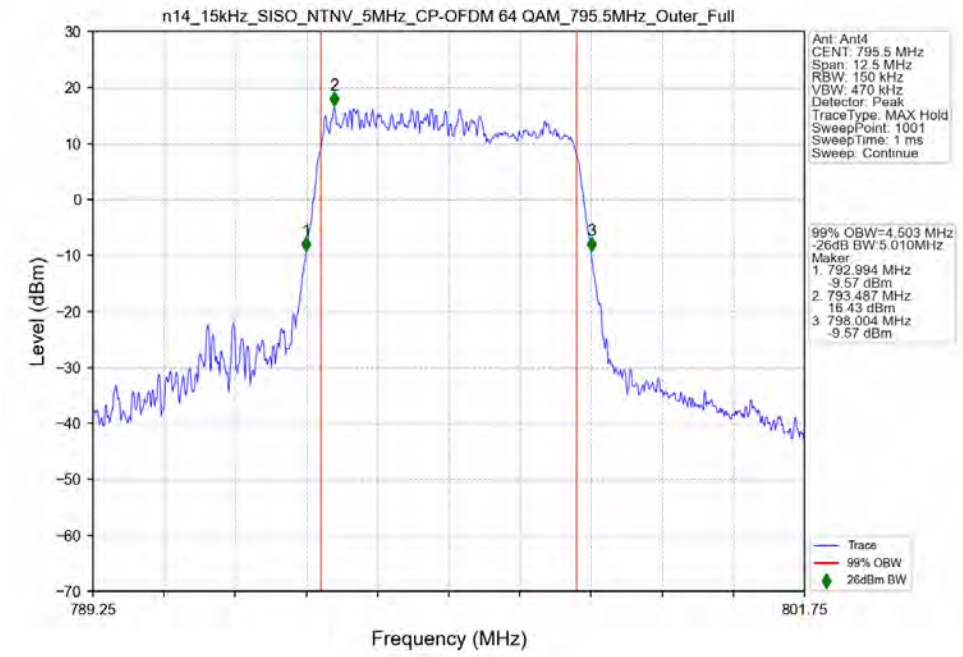

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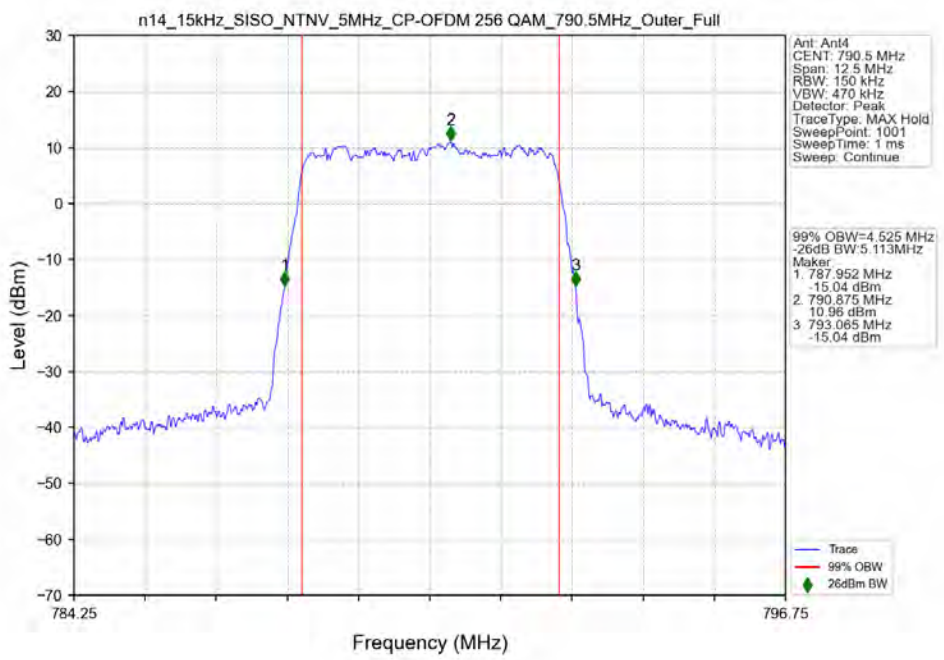

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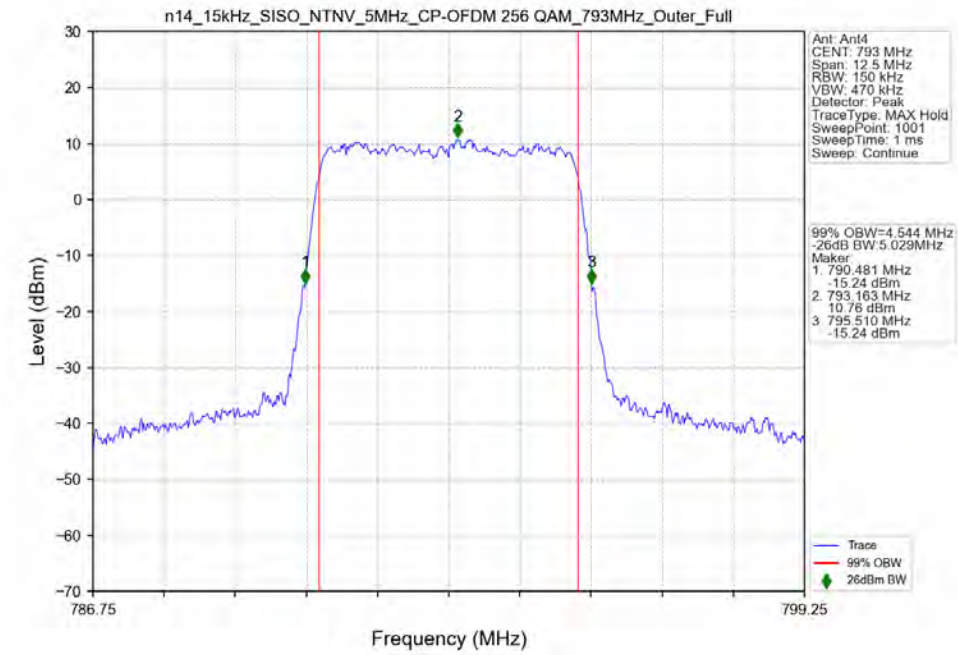

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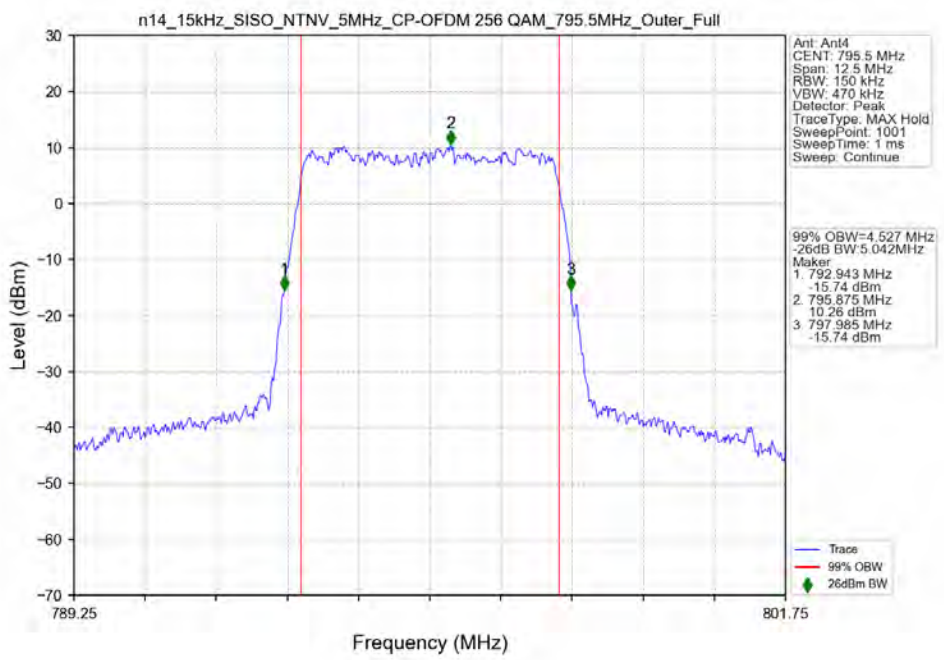

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3.2 15k_SISO_10MHz_NTNV

3.2.1 Test Result

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	9.01	9.79	/	Pass
	793	Outer_Full	9.01	9.79	/	Pass
	793	Outer_Full	9.01	9.80	/	Pass
DFT-s-OFDM QPSK	793	Outer_Full	9.04	9.84	/	Pass
	793	Outer_Full	9.05	9.81	/	Pass
	793	Outer_Full	9.04	9.79	/	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	9.00	9.70	/	Pass
	793	Outer_Full	9.03	9.84	/	Pass
	793	Outer_Full	9.03	9.77	/	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	9.01	9.85	/	Pass
	793	Outer_Full	9.02	9.69	/	Pass
	793	Outer_Full	9.04	9.74	/	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	9.02	9.83	/	Pass
	793	Outer_Full	9.00	9.64	/	Pass
	793	Outer_Full	9.01	9.82	/	Pass
CP-OFDM QPSK	793	Outer_Full	9.38	10.13	/	Pass
	793	Outer_Full	9.35	10.10	/	Pass
	793	Outer_Full	9.36	10.26	/	Pass
CP-OFDM 16 QAM	793	Outer_Full	9.36	10.21	/	Pass
	793	Outer_Full	9.37	10.21	/	Pass
	793	Outer_Full	9.36	10.20	/	Pass
CP-OFDM 64 QAM	793	Outer_Full	9.36	10.04	/	Pass
	793	Outer_Full	9.33	10.11	/	Pass
	793	Outer_Full	9.32	9.92	/	Pass
CP-OFDM 256 QAM	793	Outer_Full	9.39	10.20	/	Pass
	793	Outer_Full	9.39	10.17	/	Pass
	793	Outer_Full	9.37	10.20	/	Pass

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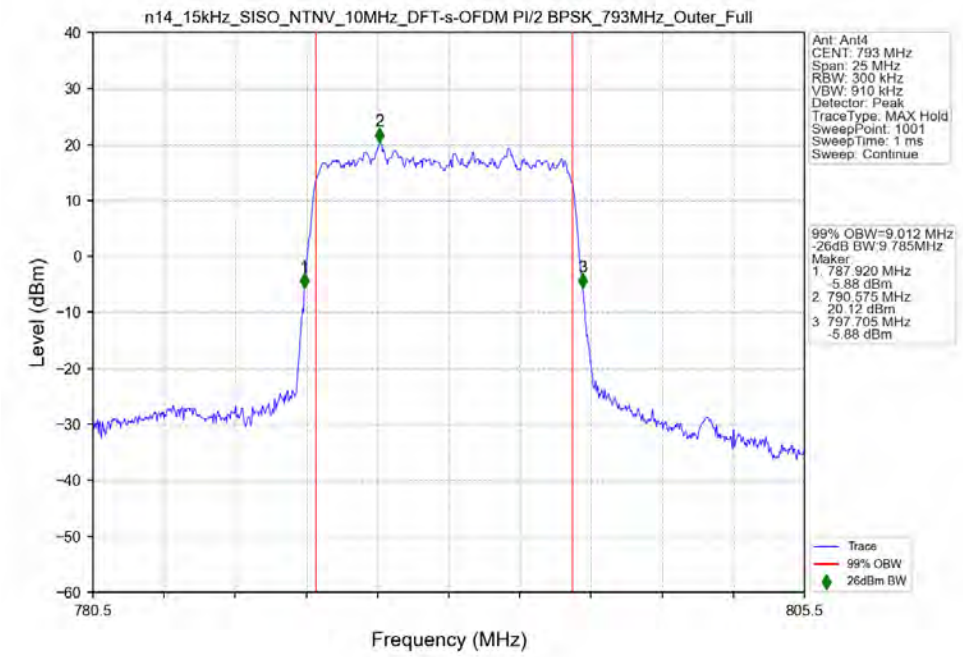
3.2.2 Test Graph

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full



n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full

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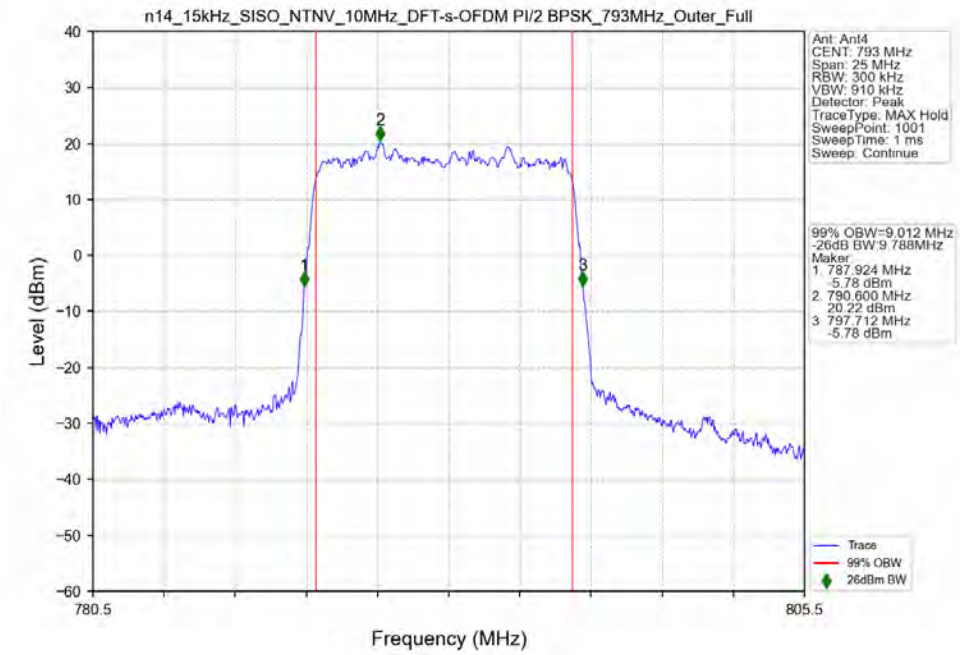

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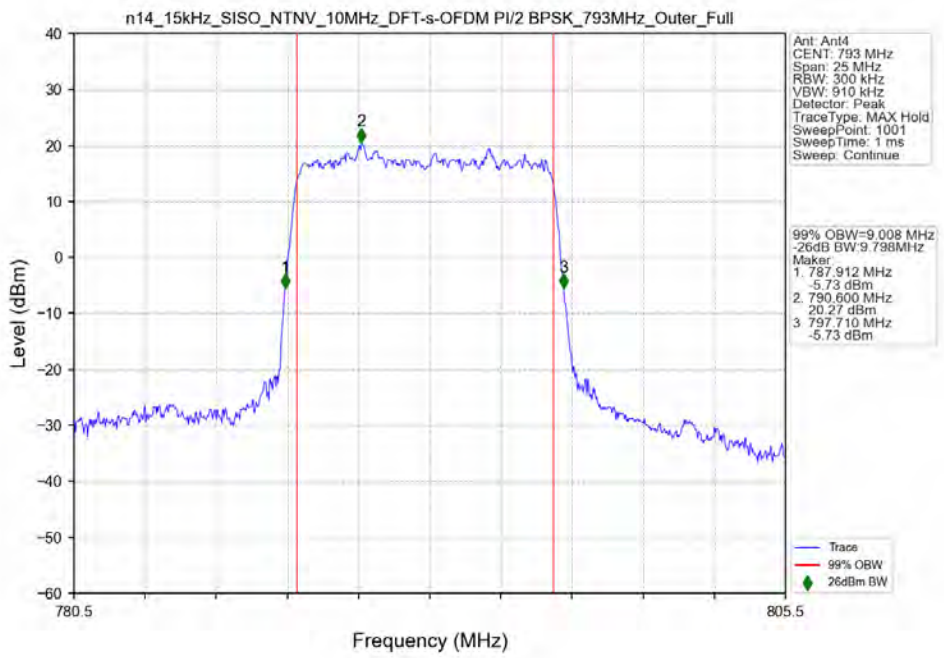

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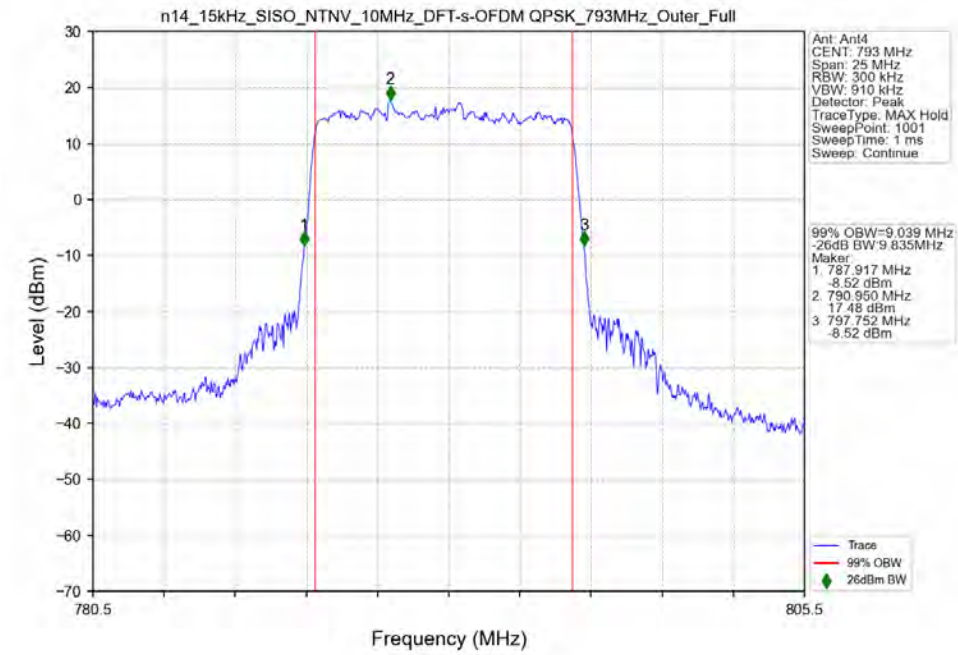

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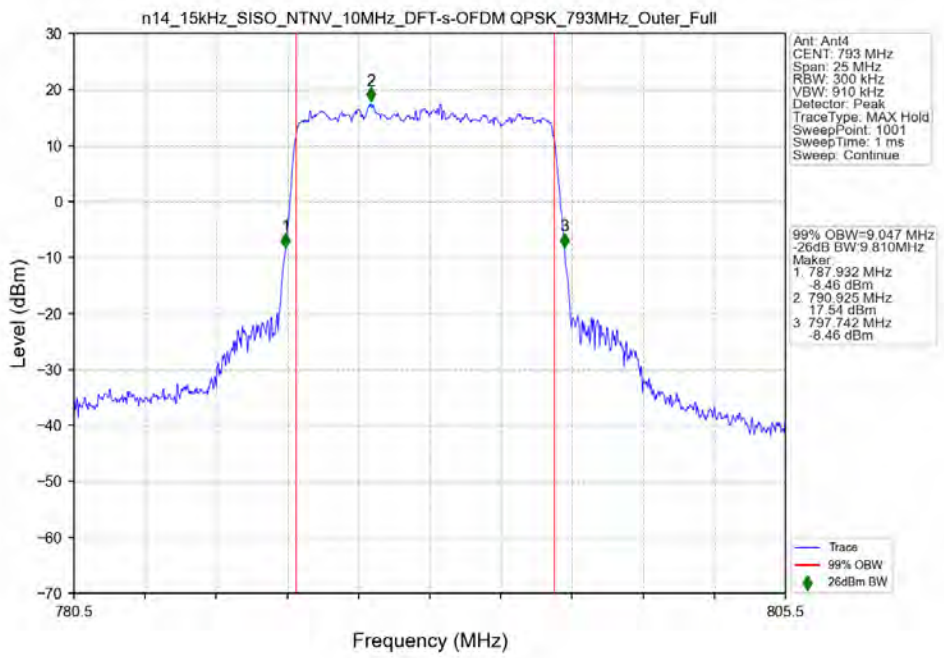

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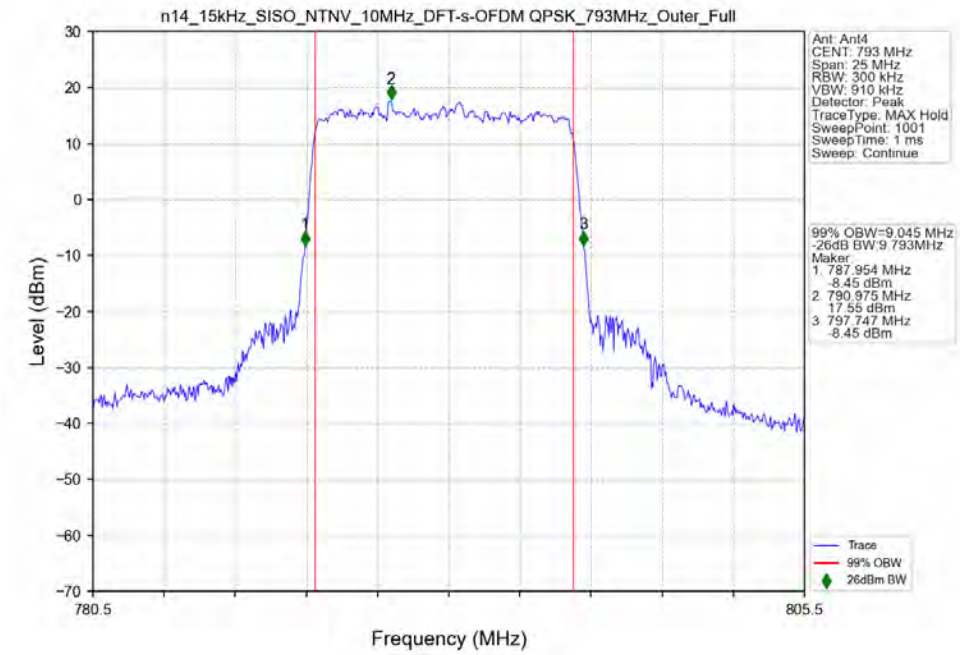

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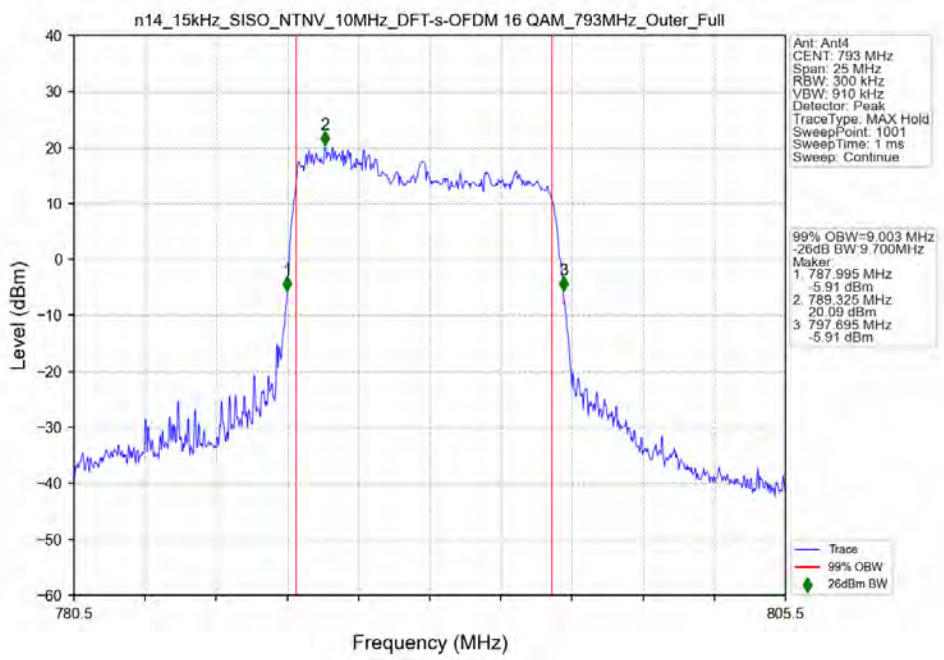

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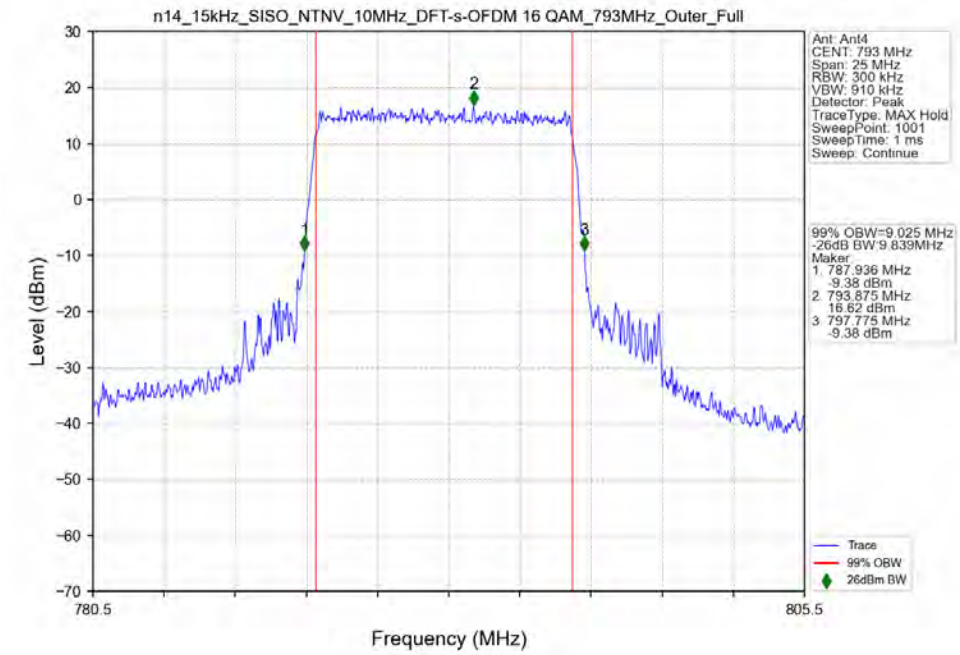

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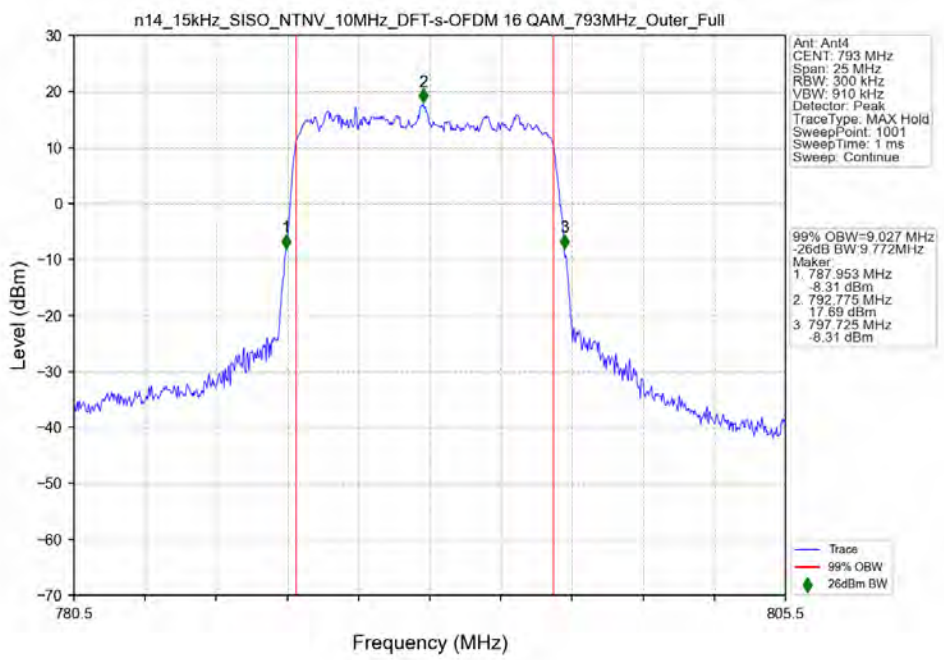

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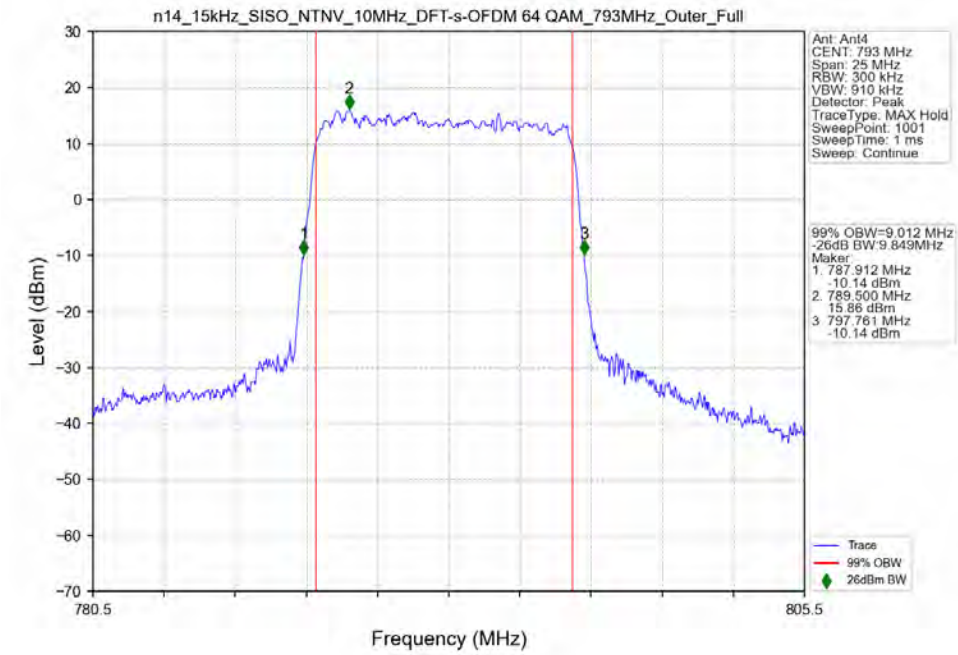

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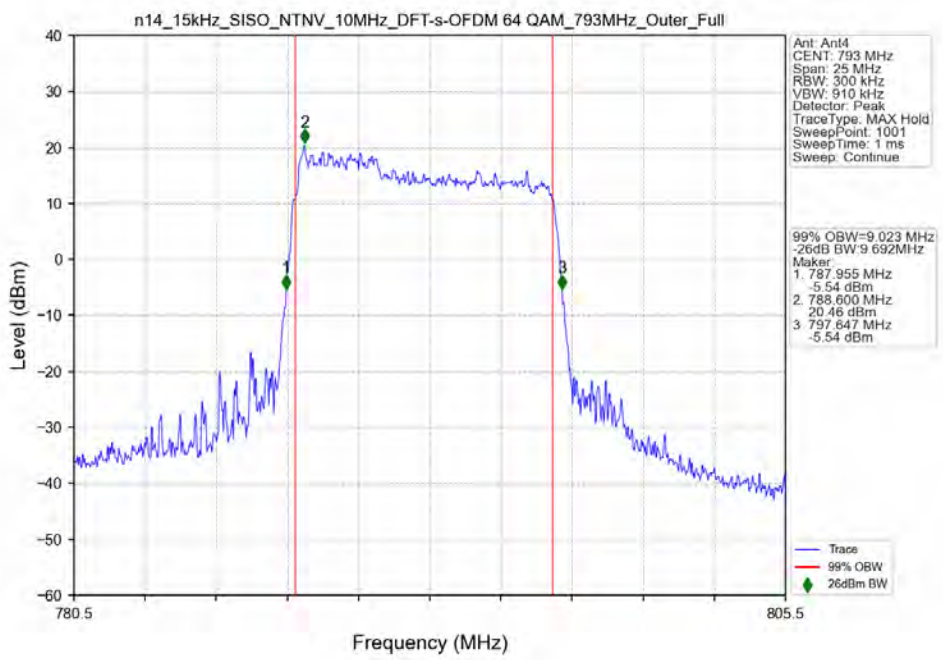

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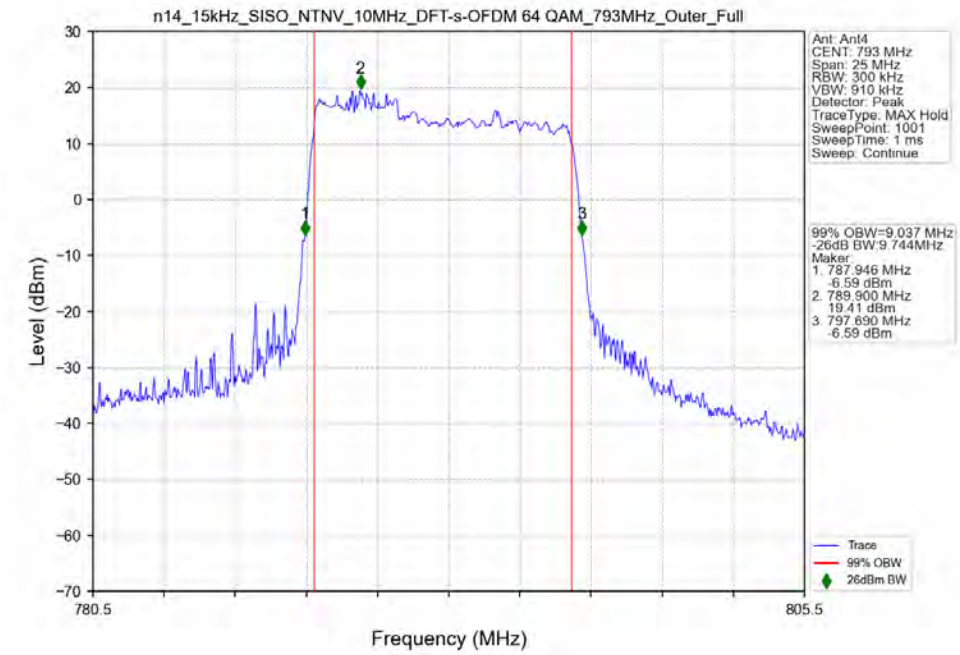

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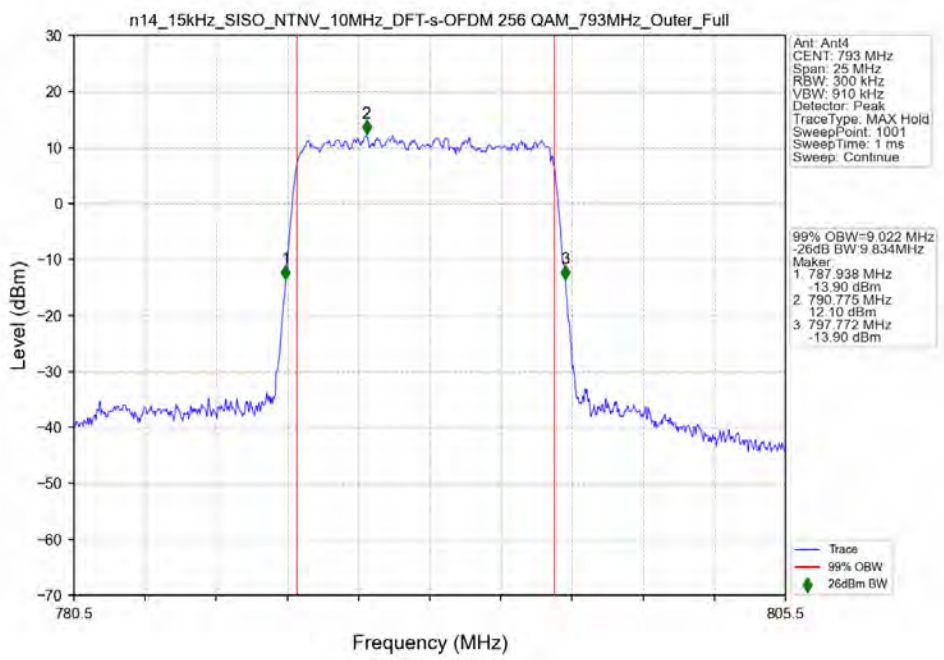

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_793MHz_Outer_Full

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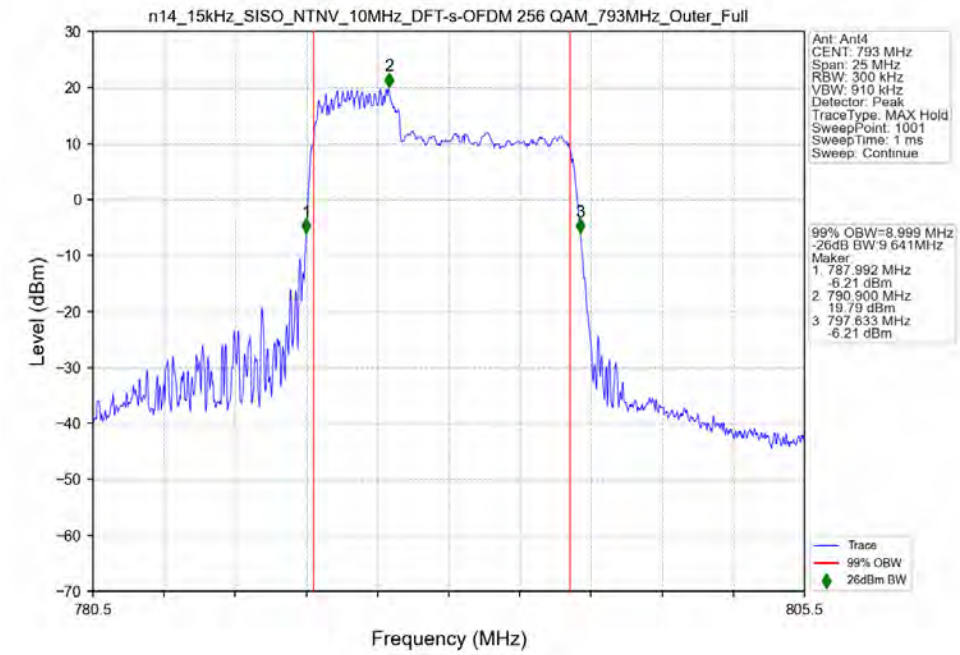

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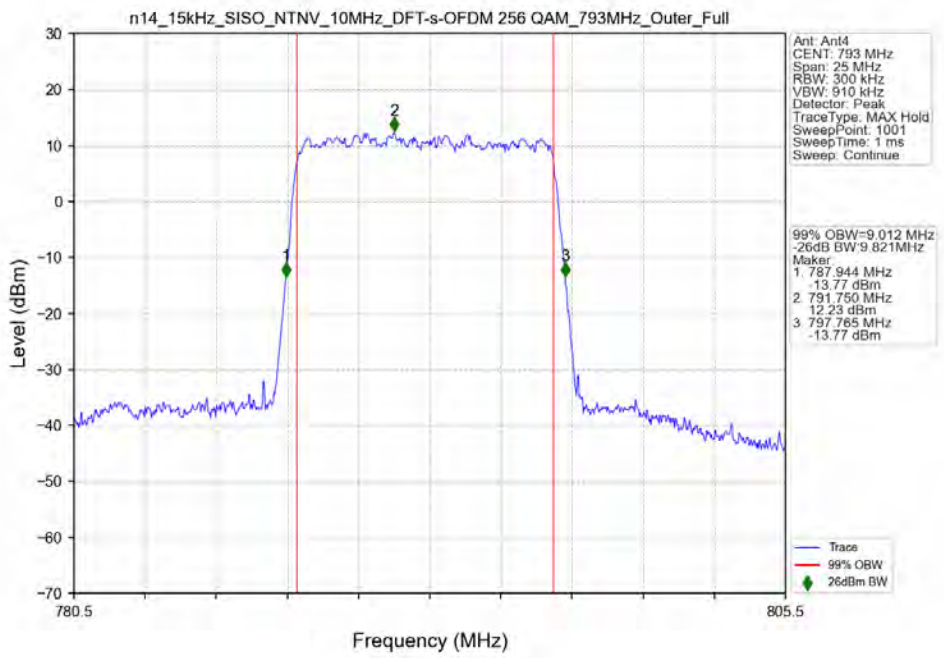

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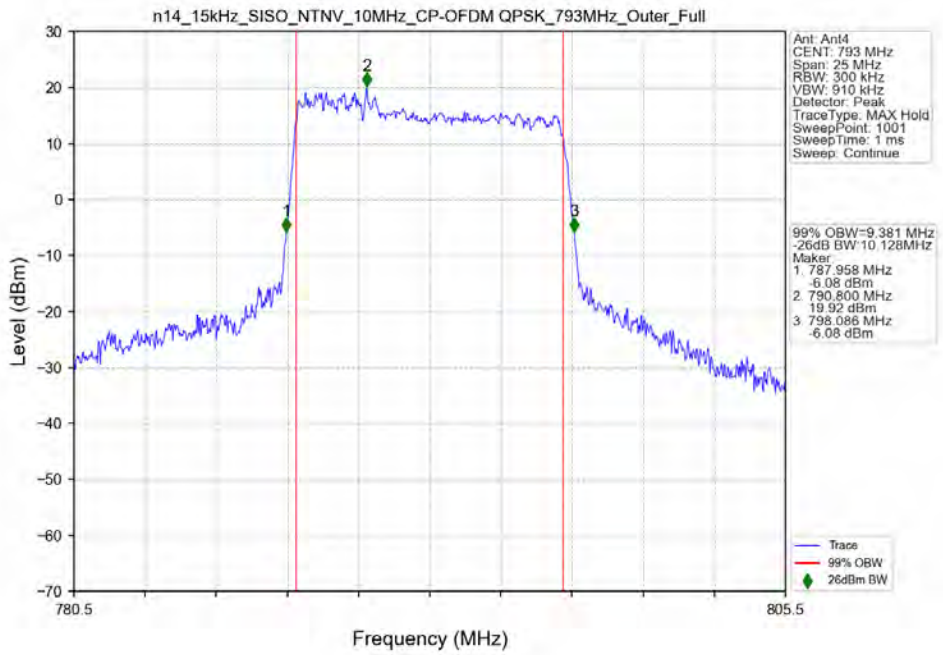

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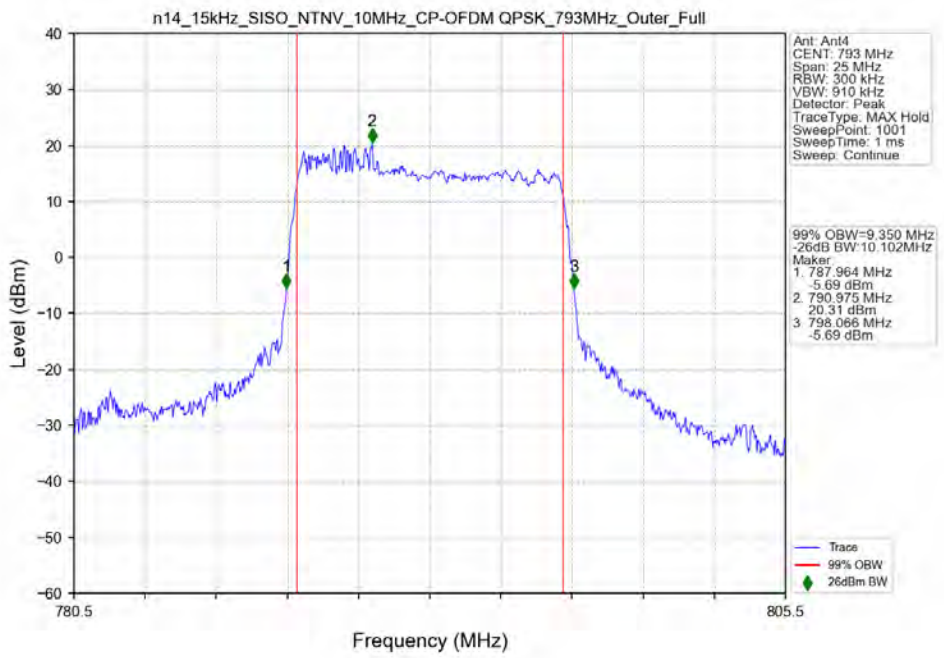

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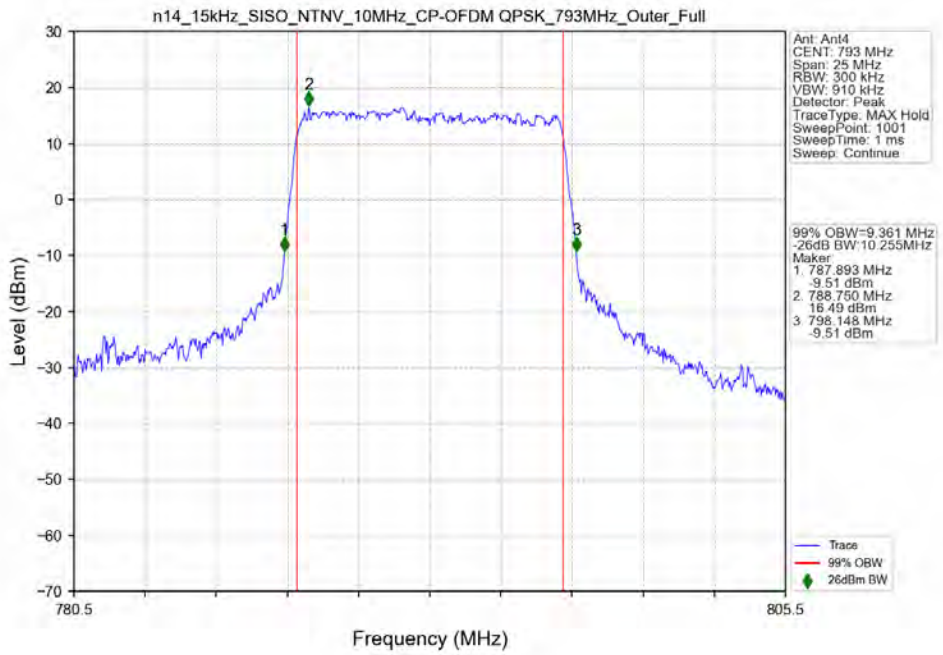

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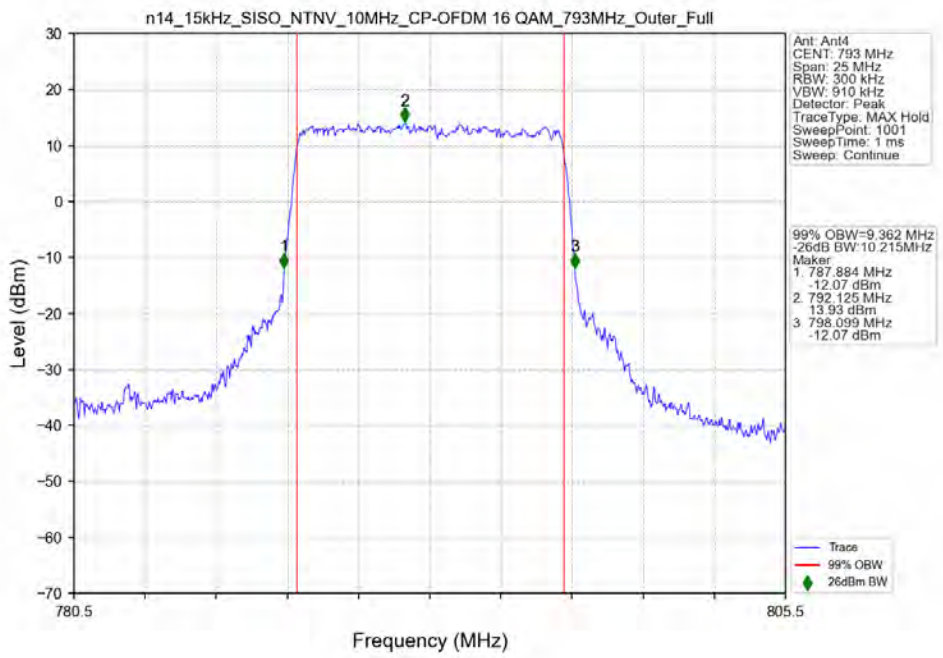

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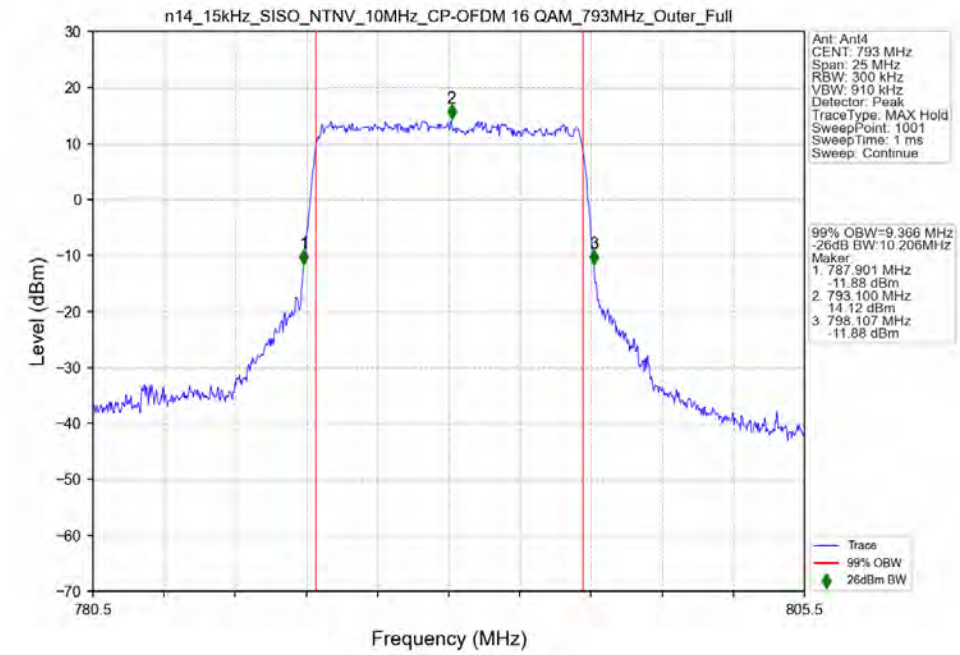

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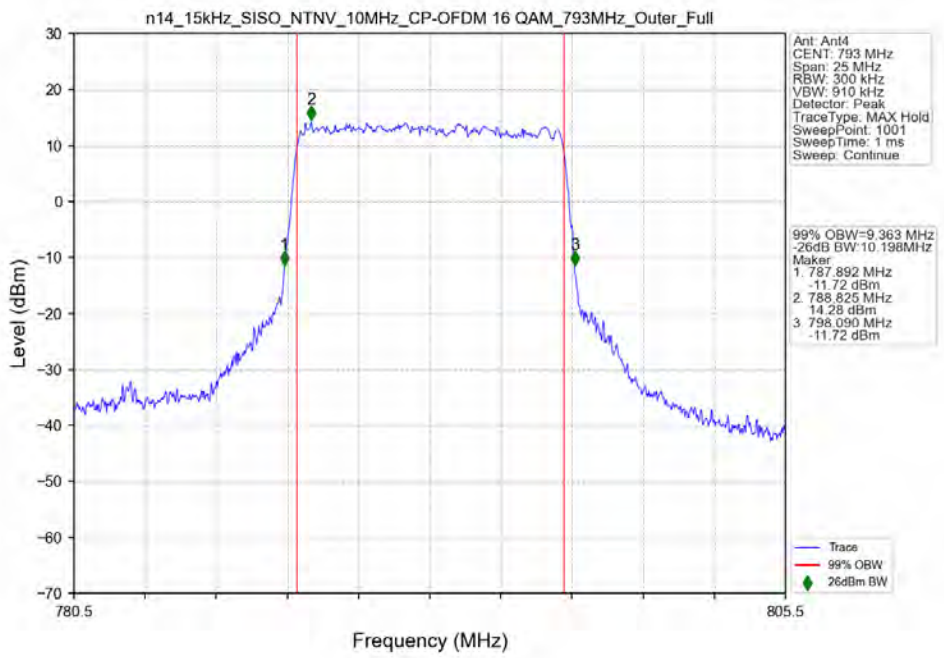

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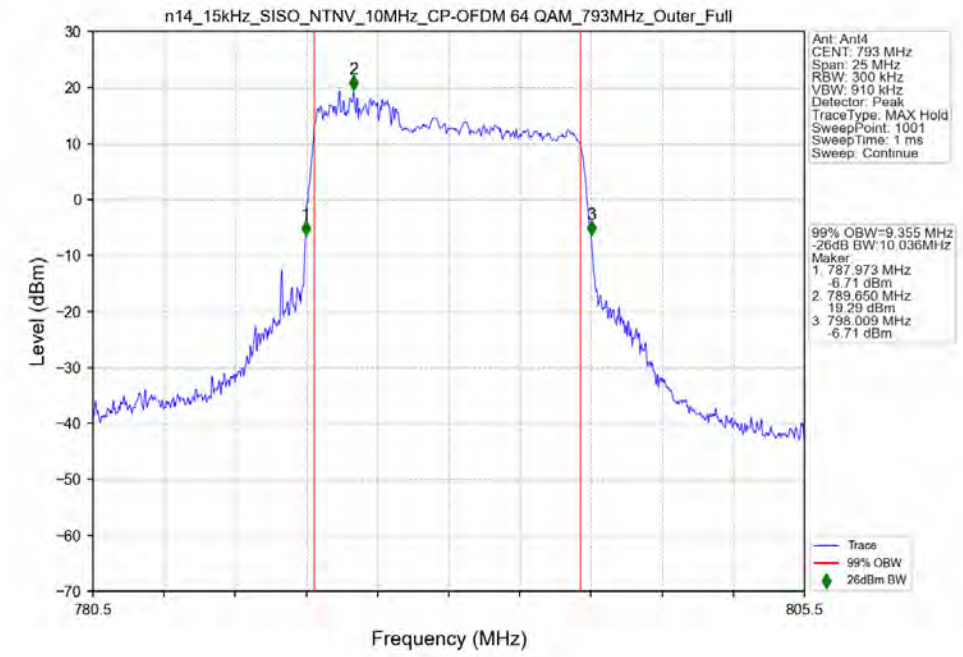

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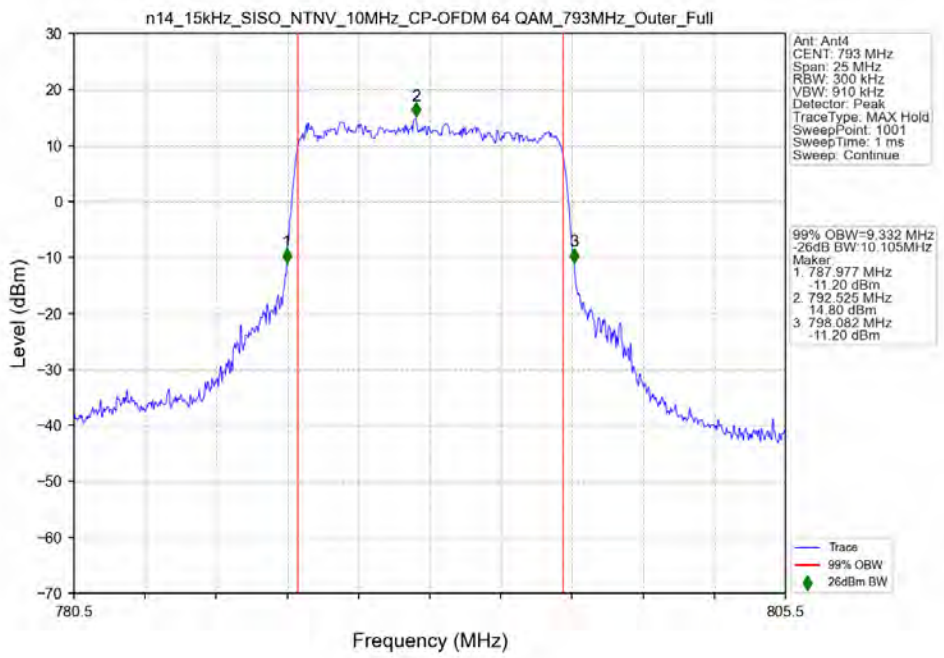

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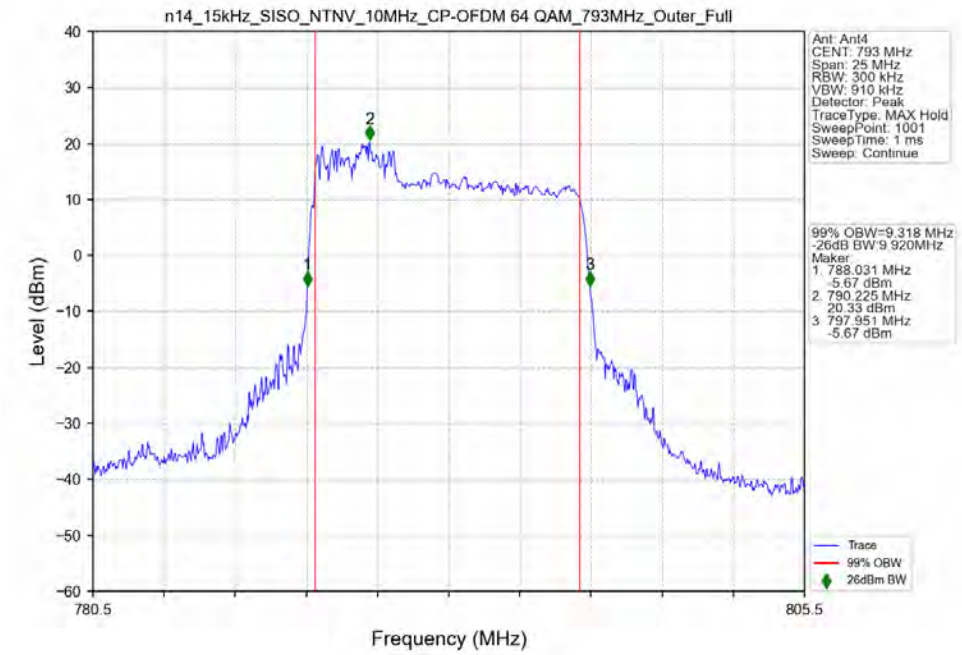

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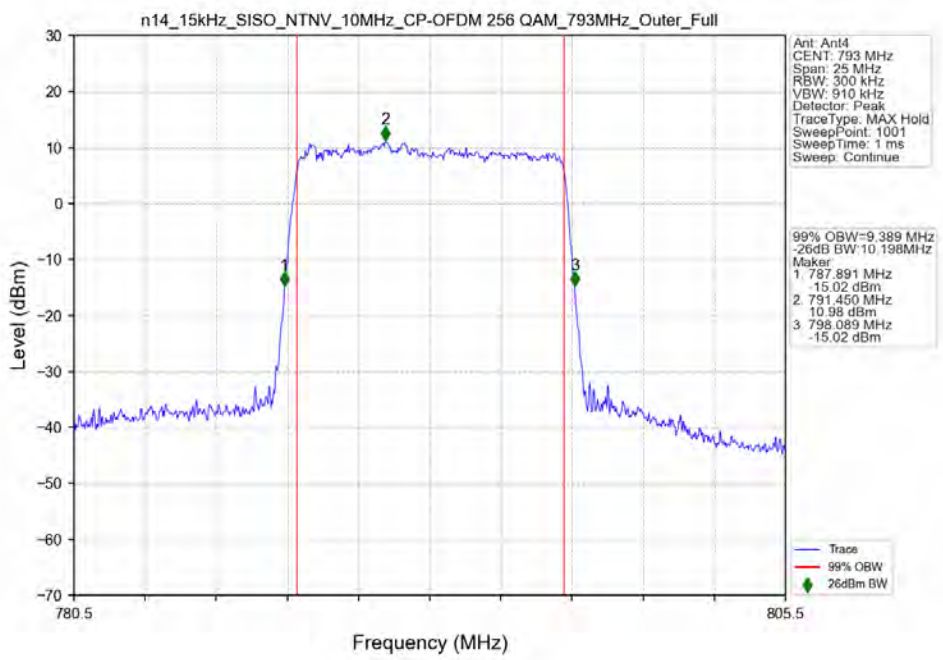

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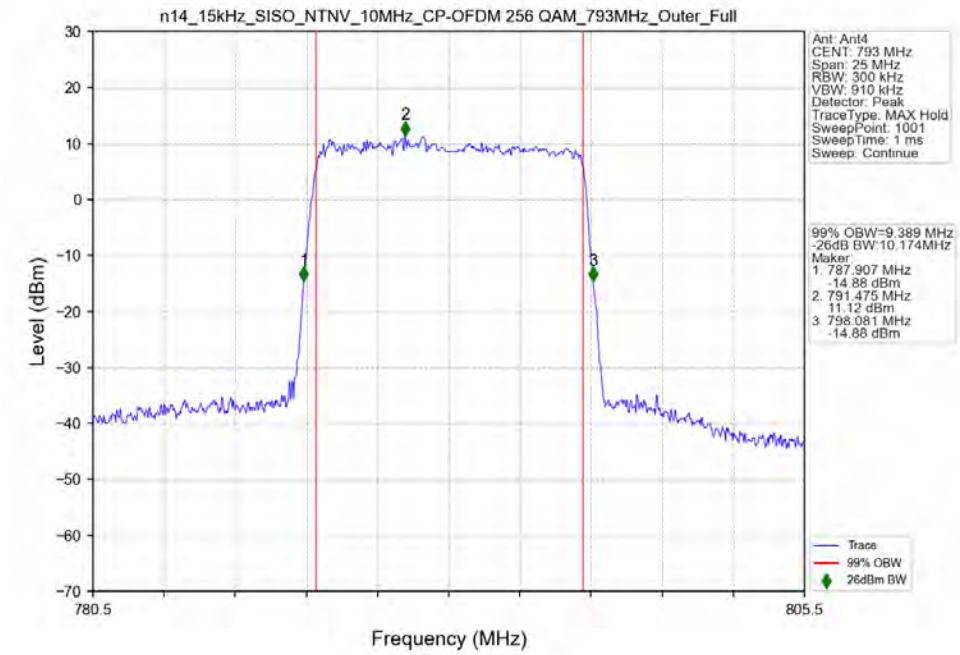

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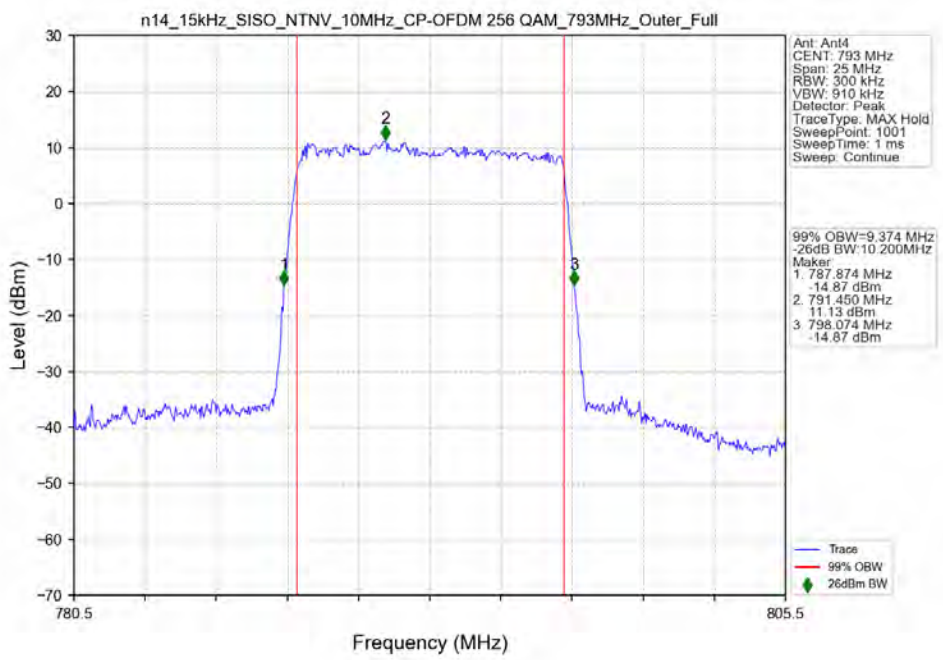
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_793MHz_Outer_Full



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4. Peak-Average Ratio

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n14 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	790.5	Outer_Full	4.16	/	/	<=13	Pass
	793	Outer_Full	4.08	/	/	<=13	Pass
	795.5	Outer_Full	4.09	/	/	<=13	Pass
DFT-s-OFDM QPSK	790.5	Outer_Full	4.92	/	/	<=13	Pass
	793	Outer_Full	5.35	/	/	<=13	Pass
	795.5	Outer_Full	4.76	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	790.5	Outer_Full	6.12	/	/	<=13	Pass
	793	Outer_Full	6.53	/	/	<=13	Pass
	795.5	Outer_Full	5.99	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	790.5	Outer_Full	6.40	/	/	<=13	Pass
	793	Outer_Full	6.94	/	/	<=13	Pass
	795.5	Outer_Full	6.36	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	790.5	Outer_Full	6.48	/	/	<=13	Pass
	793	Outer_Full	7.62	/	/	<=13	Pass
	795.5	Outer_Full	6.78	/	/	<=13	Pass
CP-OFDM QPSK	790.5	Outer_Full	7.04	/	/	<=13	Pass
	793	Outer_Full	8.11	/	/	<=13	Pass
	795.5	Outer_Full	7.04	/	/	<=13	Pass
CP-OFDM 16 QAM	790.5	Outer_Full	6.73	/	/	<=13	Pass
	793	Outer_Full	7.95	/	/	<=13	Pass
	795.5	Outer_Full	7.37	/	/	<=13	Pass
CP-OFDM 64 QAM	790.5	Outer_Full	7.27	/	/	<=13	Pass
	793	Outer_Full	7.61	/	/	<=13	Pass
	795.5	Outer_Full	7.18	/	/	<=13	Pass
CP-OFDM 256 QAM	790.5	Outer_Full	9.30	/	/	<=13	Pass
	793	Outer_Full	9.81	/	/	<=13	Pass
	795.5	Outer_Full	10.38	/	/	<=13	Pass

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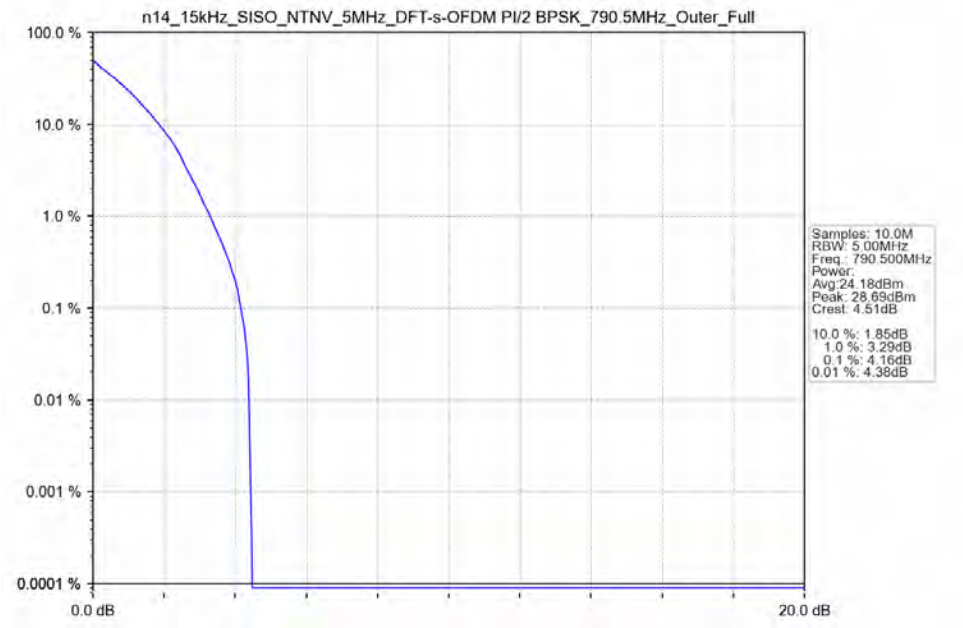
4.1.2 Test Graph

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



n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full

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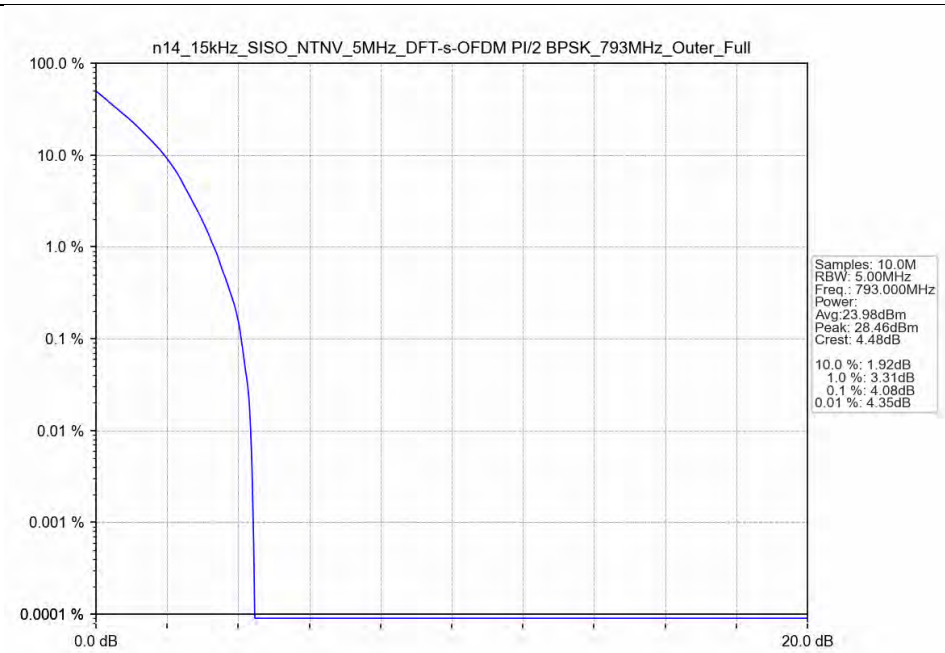

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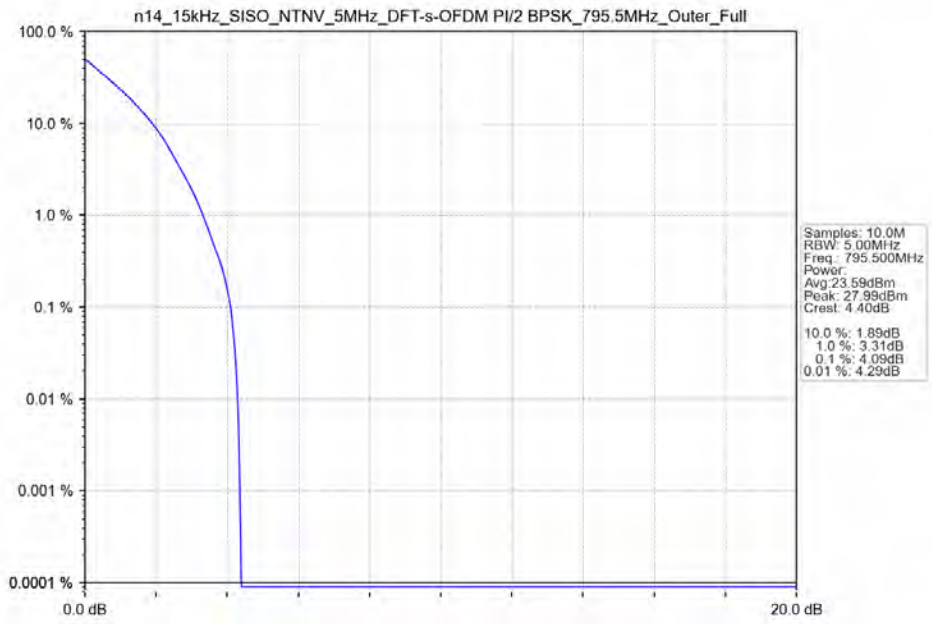
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Outer_Full



n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Outer_Full

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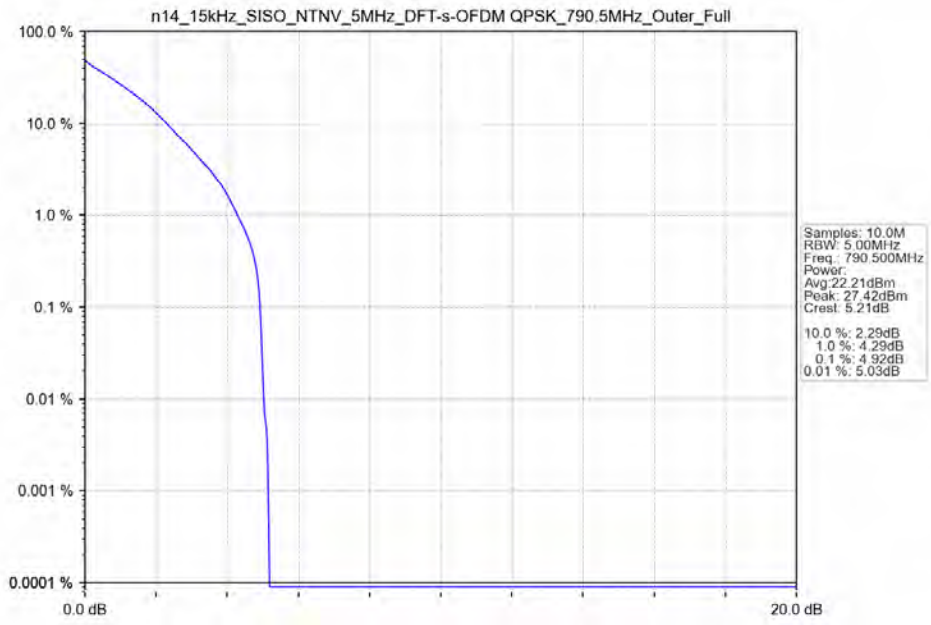

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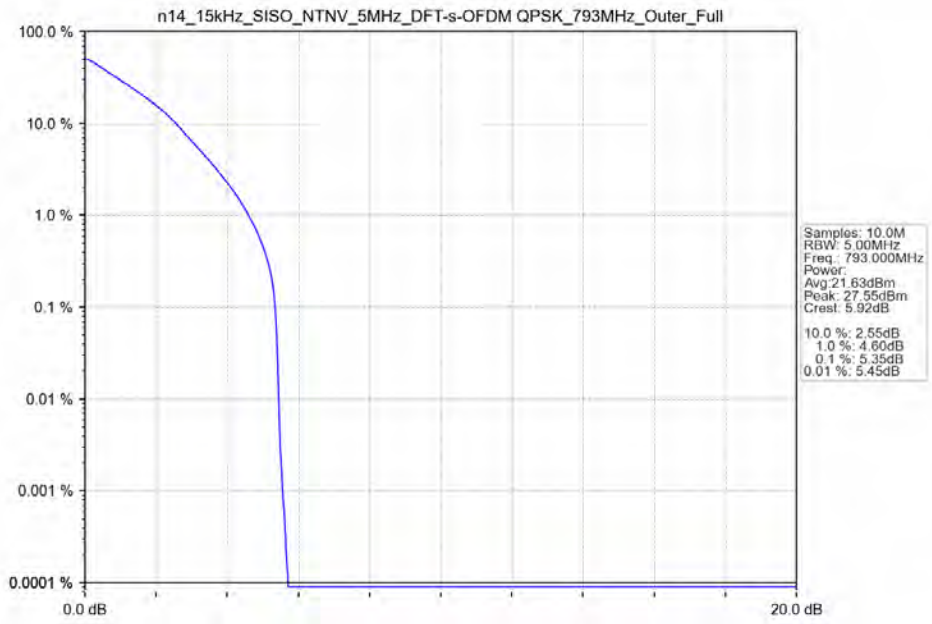

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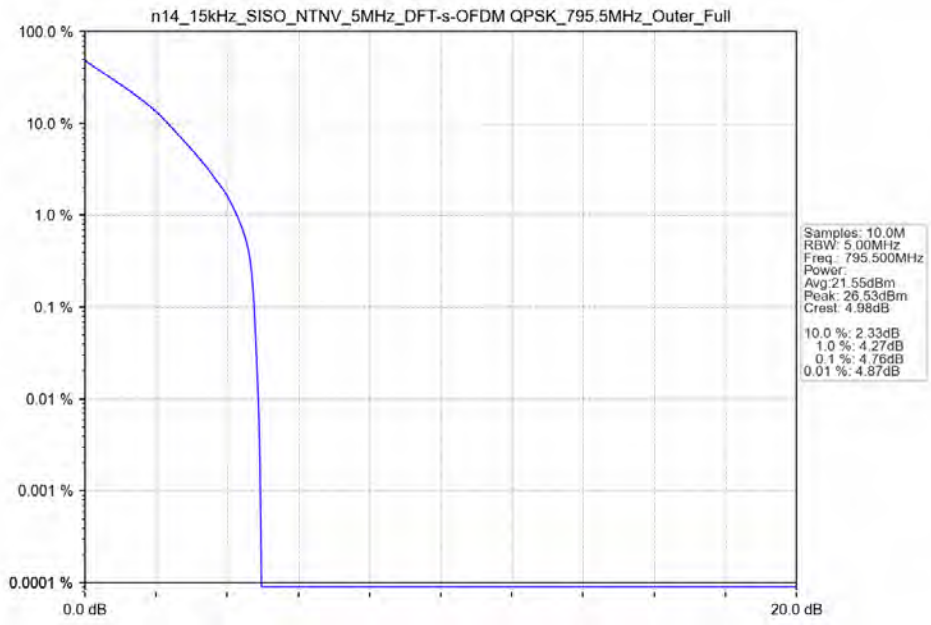

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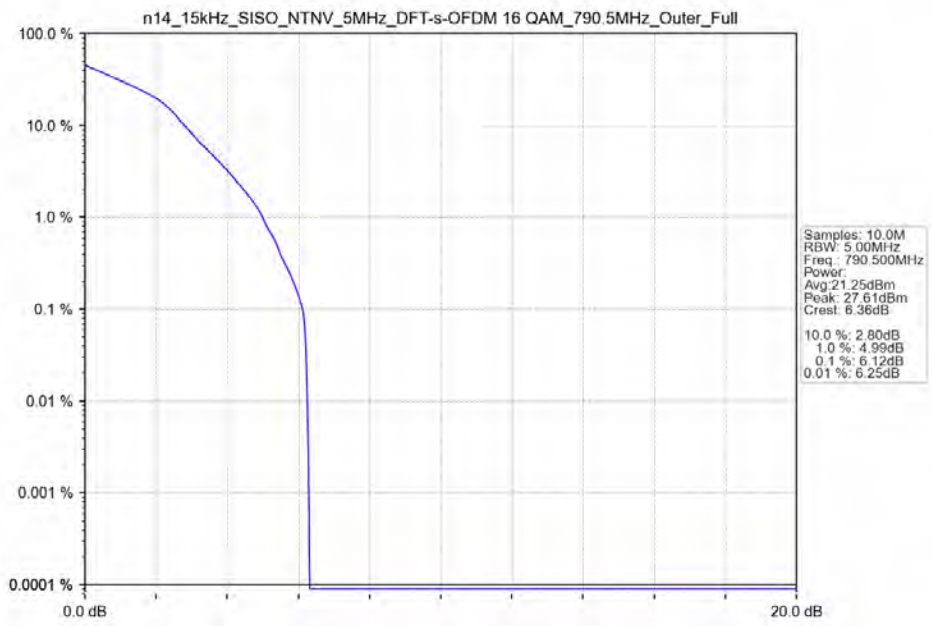

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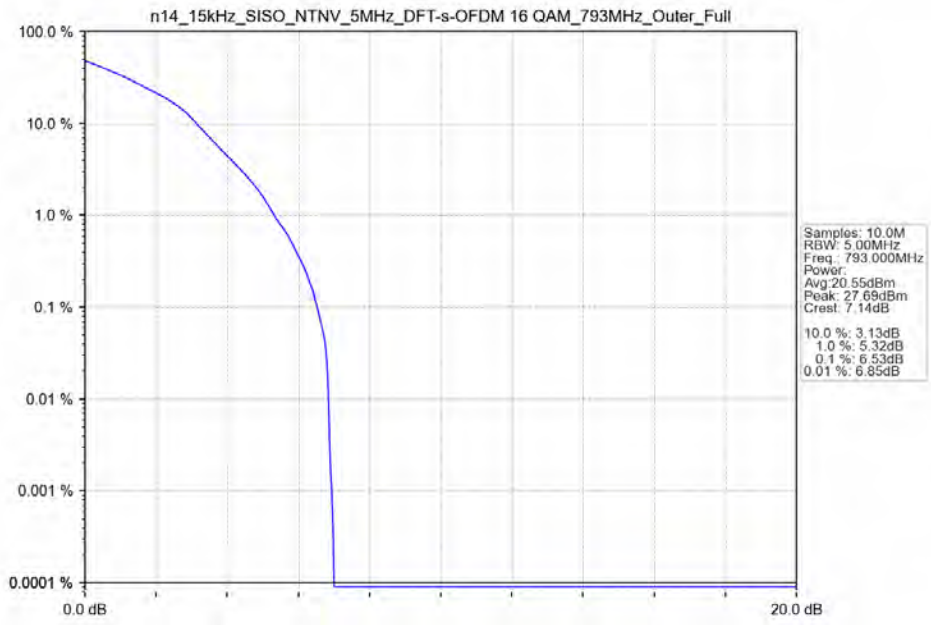

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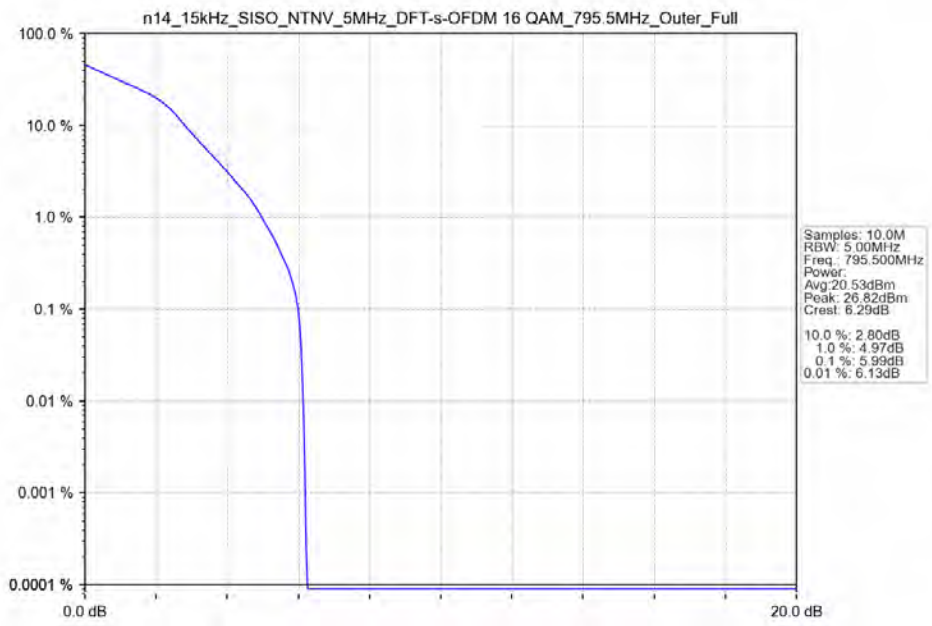

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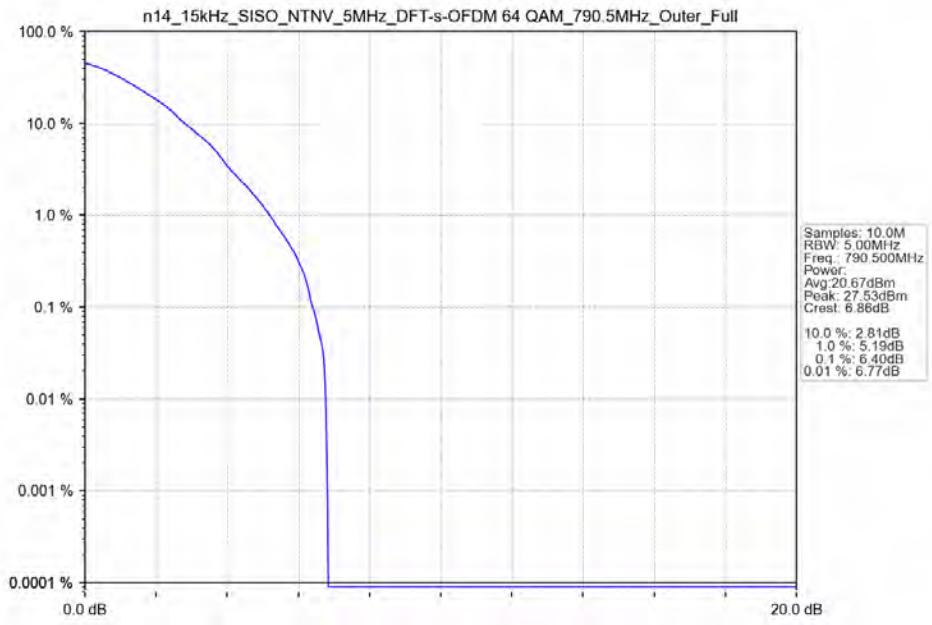

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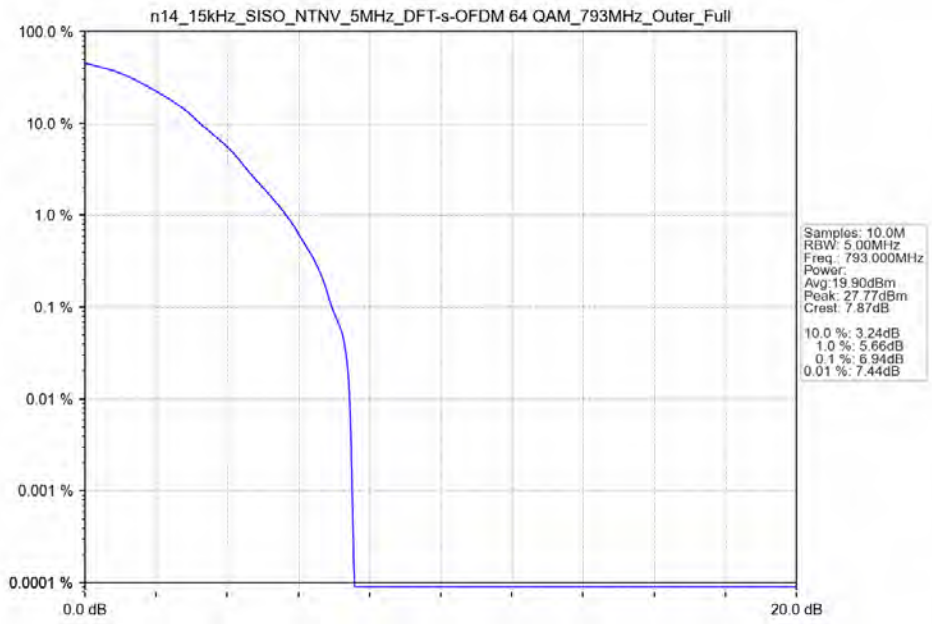
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_793MHz_Outer_Full



n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_795.5MHz_Outer_Full

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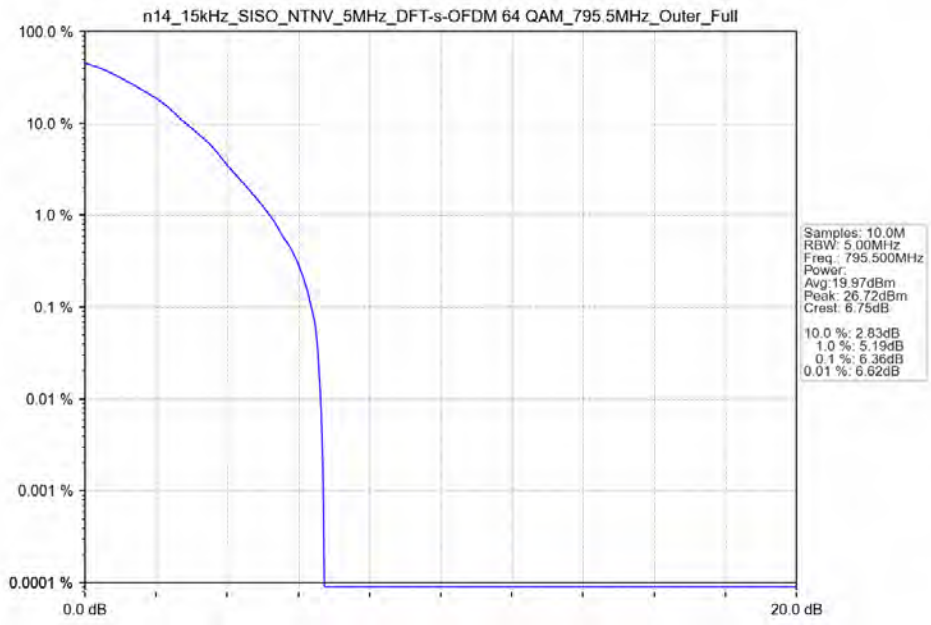

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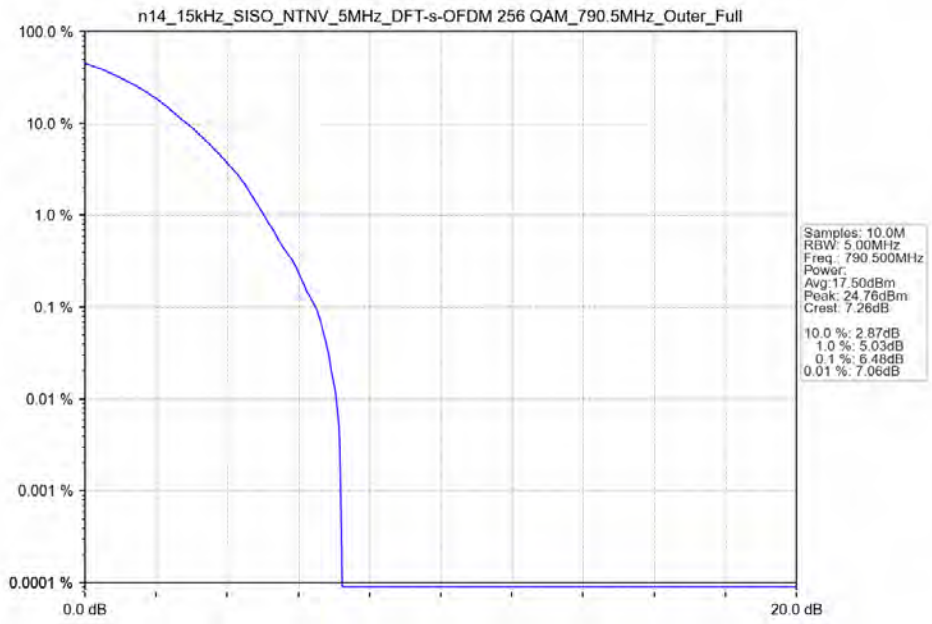
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_790.5MHz_Outer_Full



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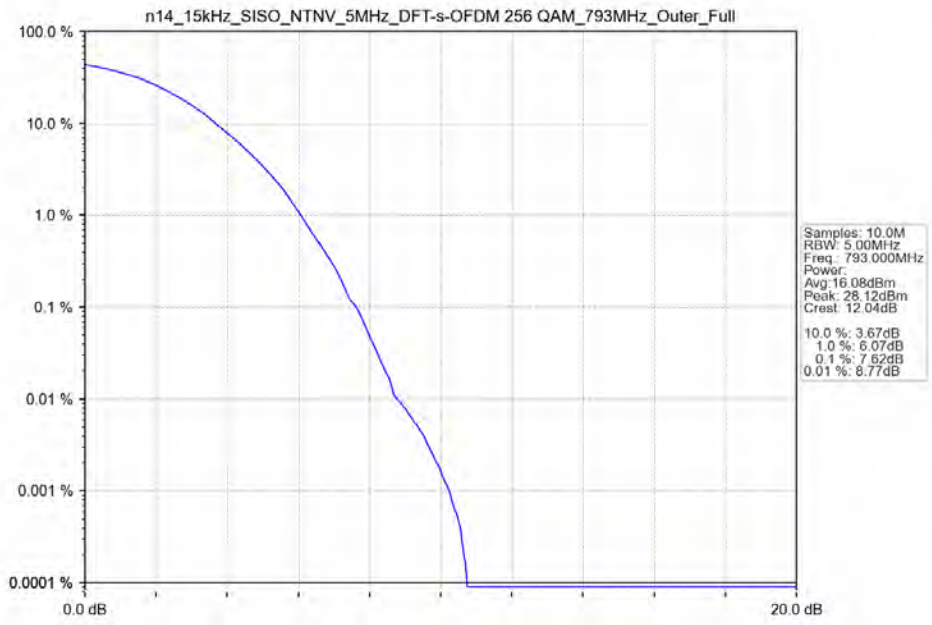

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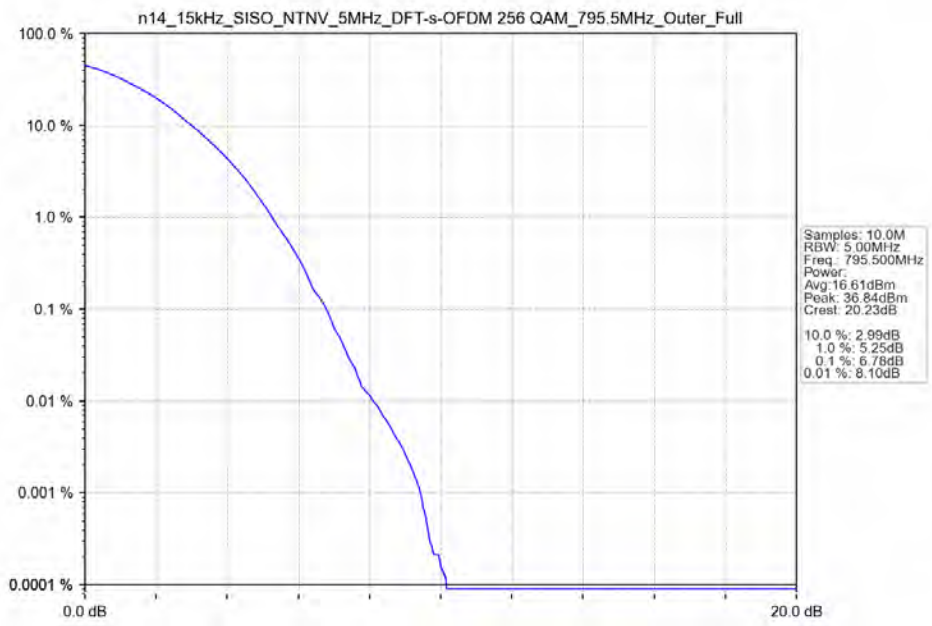

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Outer_Full

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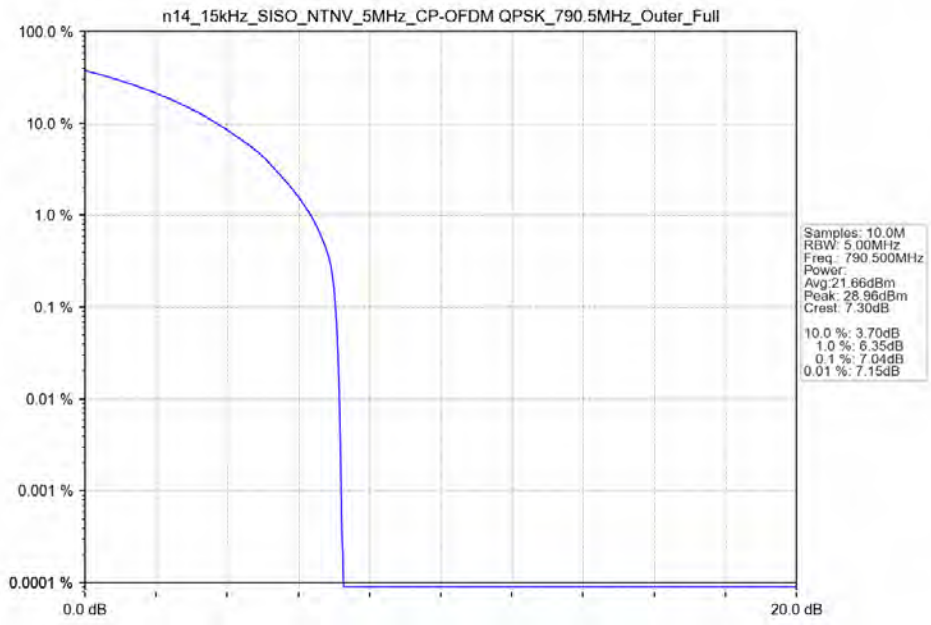

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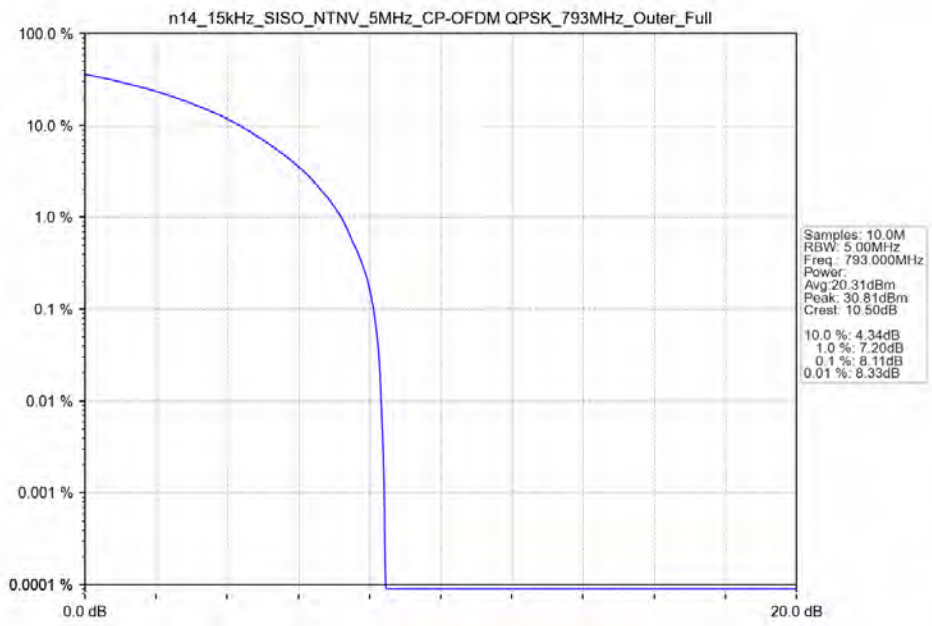

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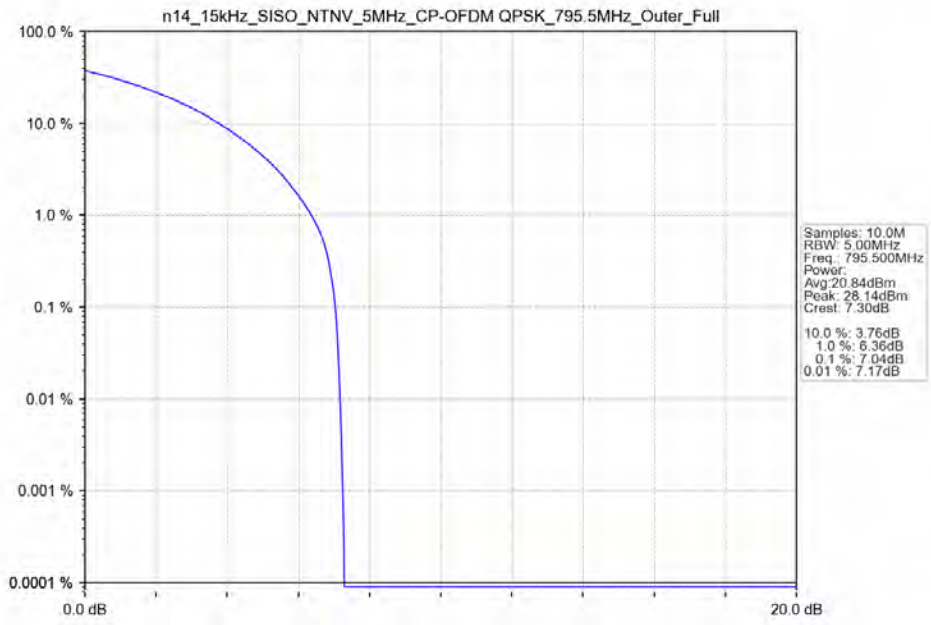

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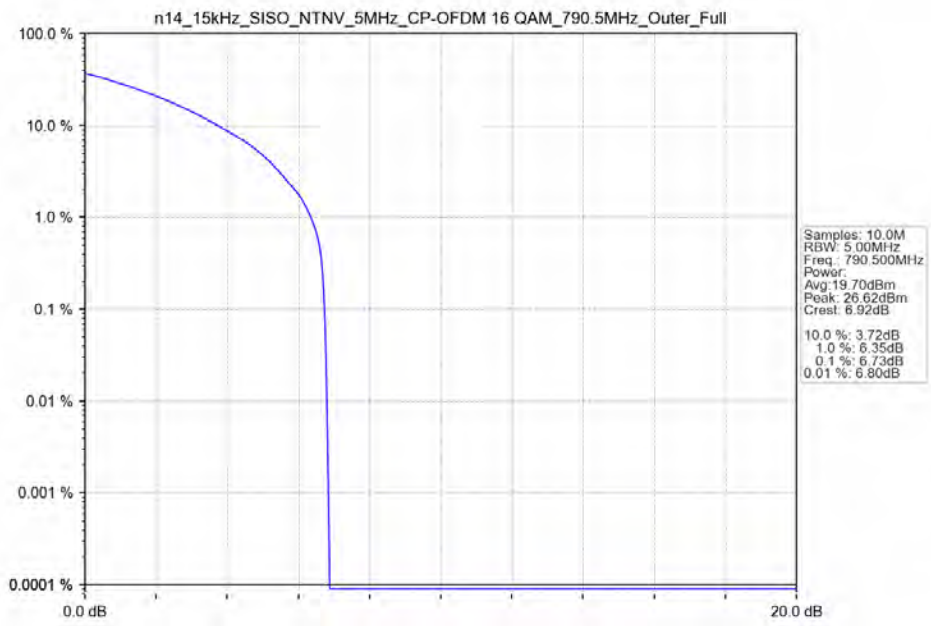
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_790.5MHz_Outer_Full



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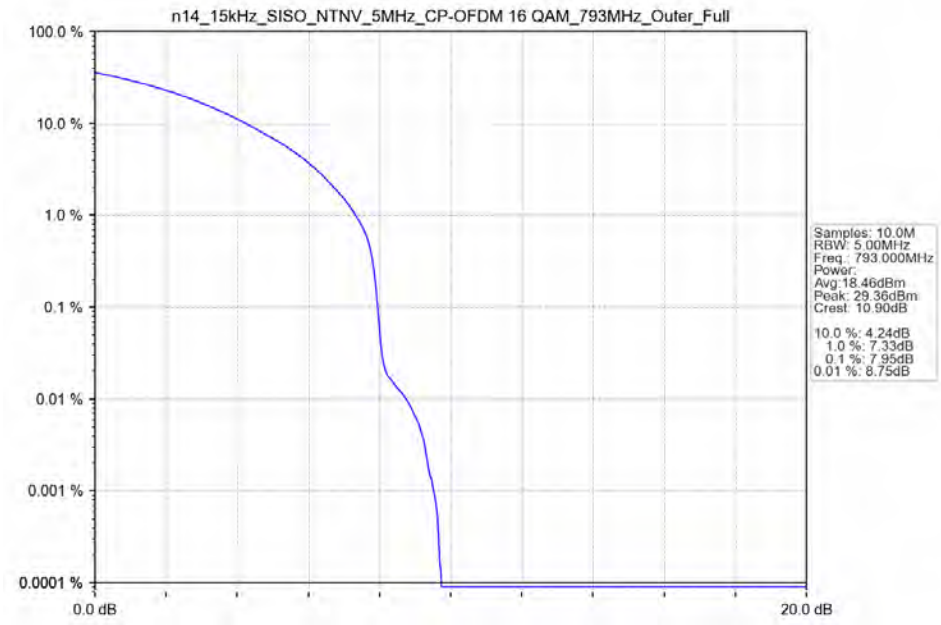

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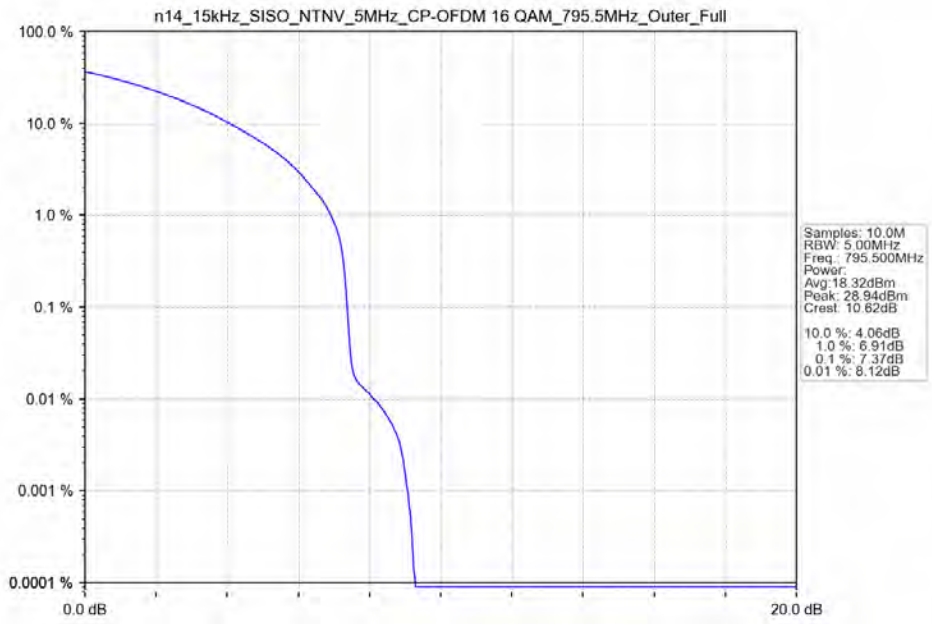

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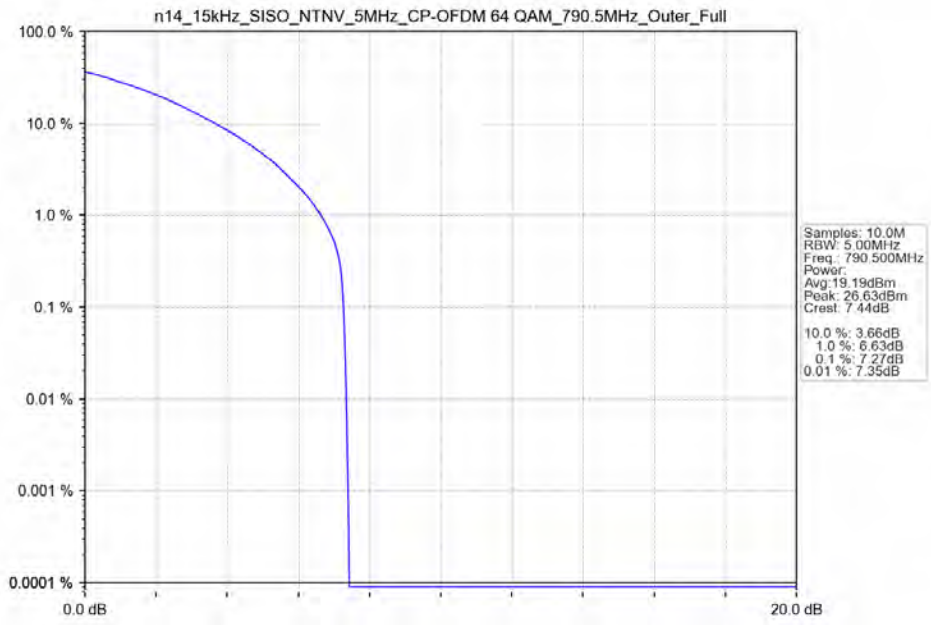

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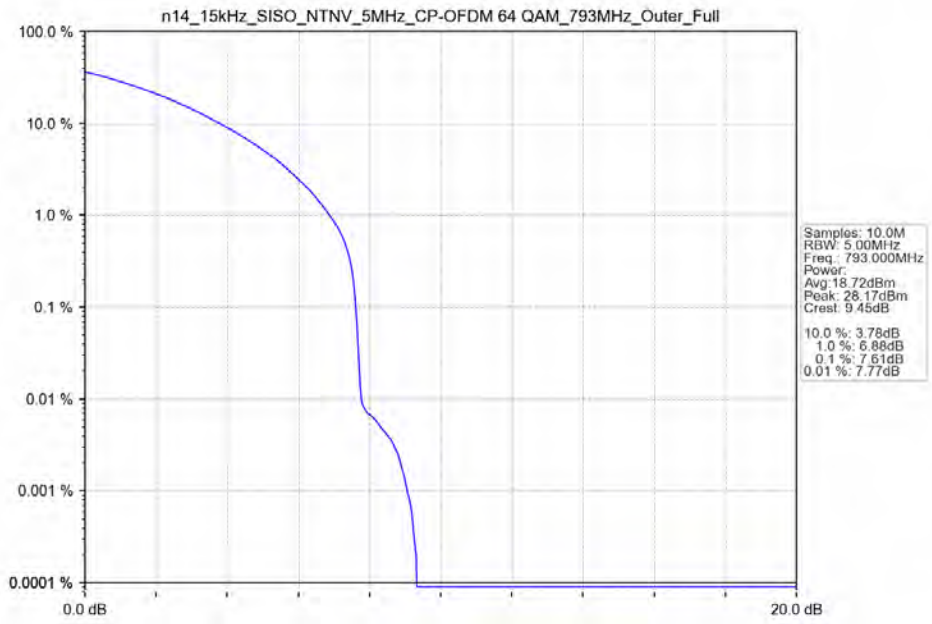

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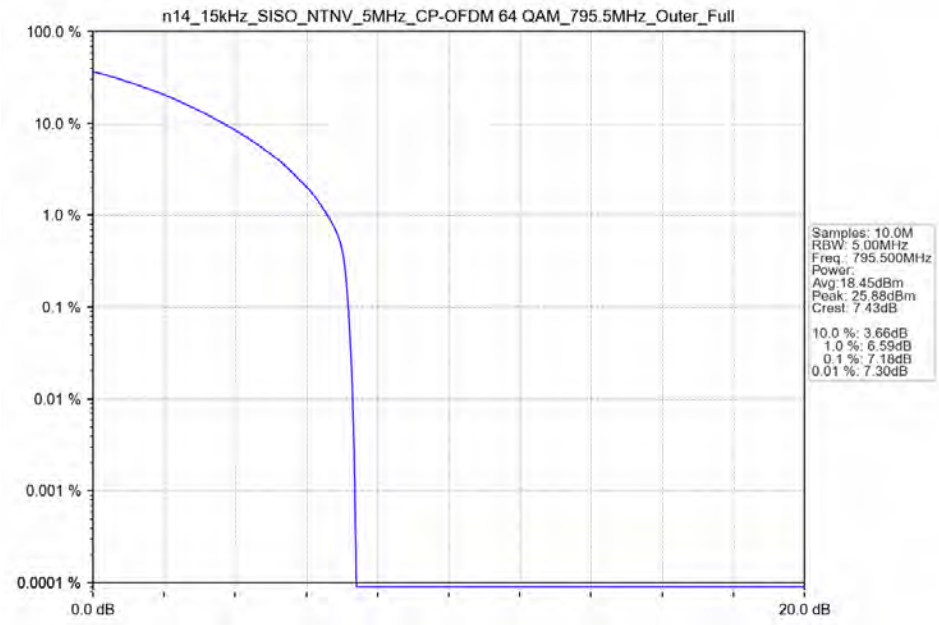

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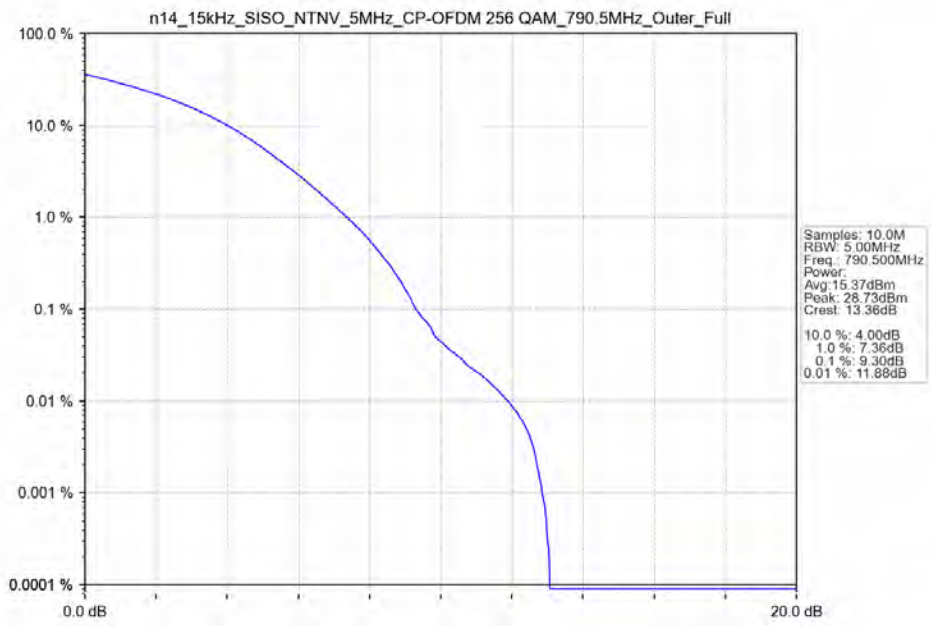
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_790.5MHz_Outer_Full



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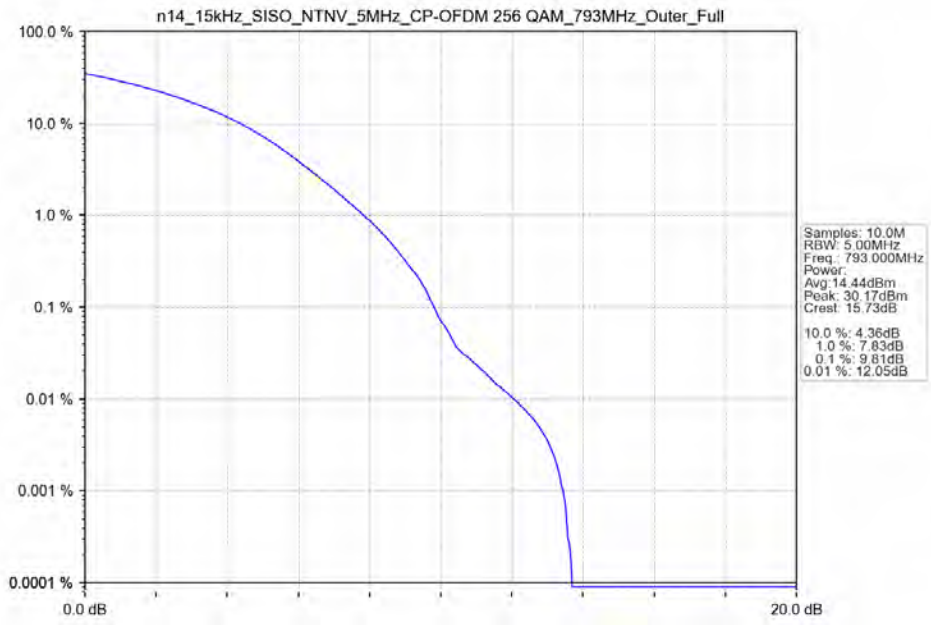

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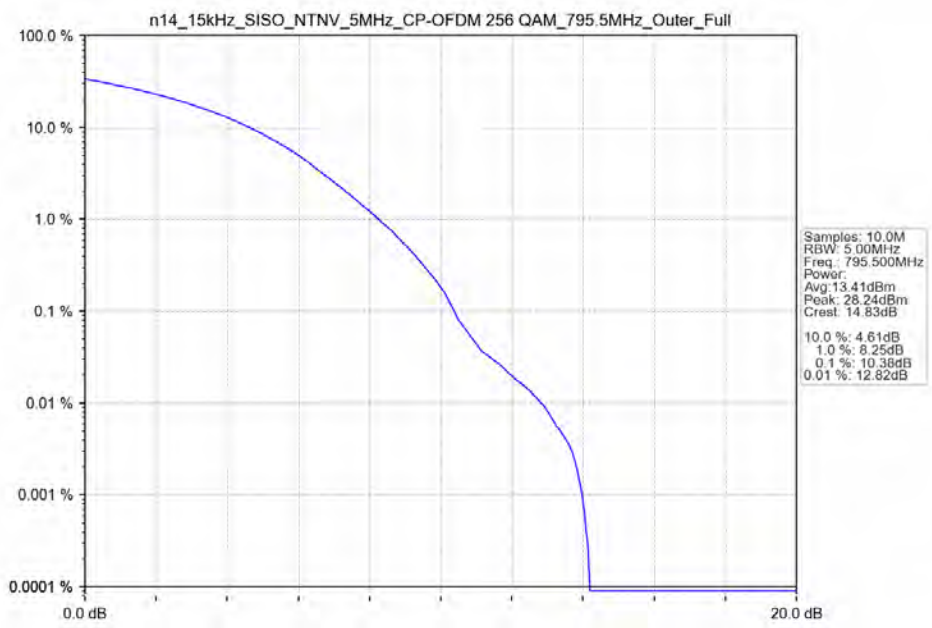

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4.2 15k_SISO_10MHz_NTNV

4.2.1 Test Result

5G NR n14 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	793	Outer_Full	4.04	/	/	<=13	Pass
	793	Outer_Full	4.12	/	/	<=13	Pass
	793	Outer_Full	4.08	/	/	<=13	Pass
DFT-s-OFDM QPSK	793	Outer_Full	4.86	/	/	<=13	Pass
	793	Outer_Full	5.01	/	/	<=13	Pass
	793	Outer_Full	5.63	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	6.01	/	/	<=13	Pass
	793	Outer_Full	7.94	/	/	<=13	Pass
	793	Outer_Full	7.30	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	6.66	/	/	<=13	Pass
	793	Outer_Full	6.82	/	/	<=13	Pass
	793	Outer_Full	6.69	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	7.18	/	/	<=13	Pass
	793	Outer_Full	7.77	/	/	<=13	Pass
	793	Outer_Full	7.47	/	/	<=13	Pass
CP-OFDM QPSK	793	Outer_Full	9.79	/	/	<=13	Pass
	793	Outer_Full	8.69	/	/	<=13	Pass
	793	Outer_Full	7.16	/	/	<=13	Pass
CP-OFDM 16 QAM	793	Outer_Full	7.04	/	/	<=13	Pass
	793	Outer_Full	7.15	/	/	<=13	Pass
	793	Outer_Full	7.48	/	/	<=13	Pass
CP-OFDM 64 QAM	793	Outer_Full	7.28	/	/	<=13	Pass
	793	Outer_Full	9.98	/	/	<=13	Pass
	793	Outer_Full	11.30	/	/	<=13	Pass
CP-OFDM 256 QAM	793	Outer_Full	11.26	/	/	<=13	Pass
	793	Outer_Full	9.72	/	/	<=13	Pass
	793	Outer_Full	9.96	/	/	<=13	Pass

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4.2.2 Test Graph

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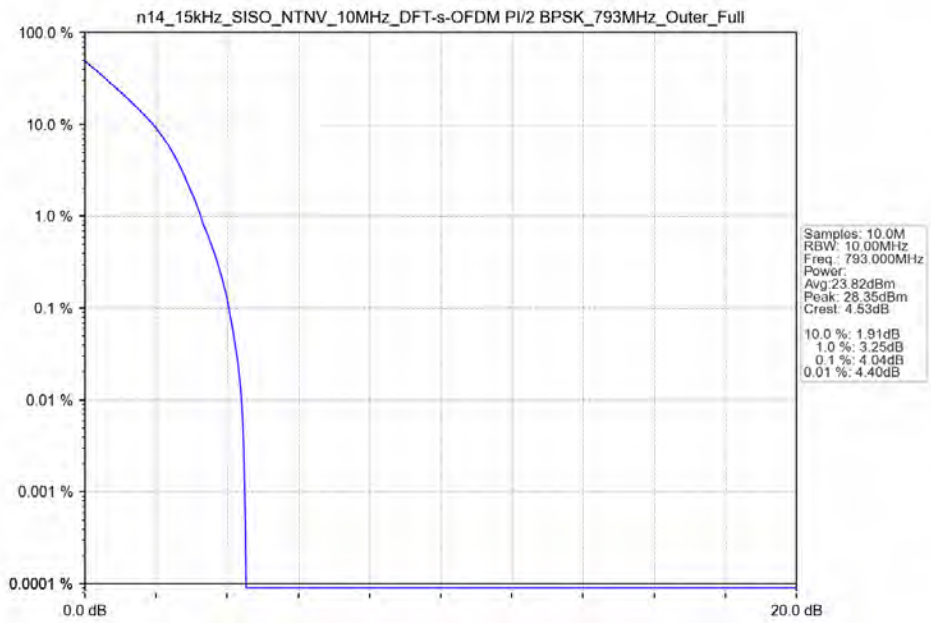

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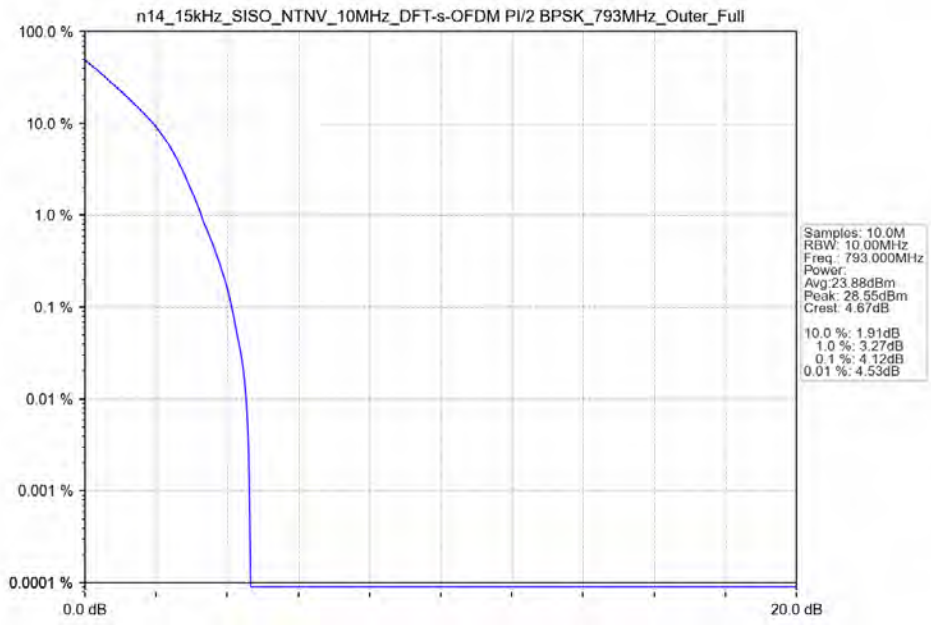

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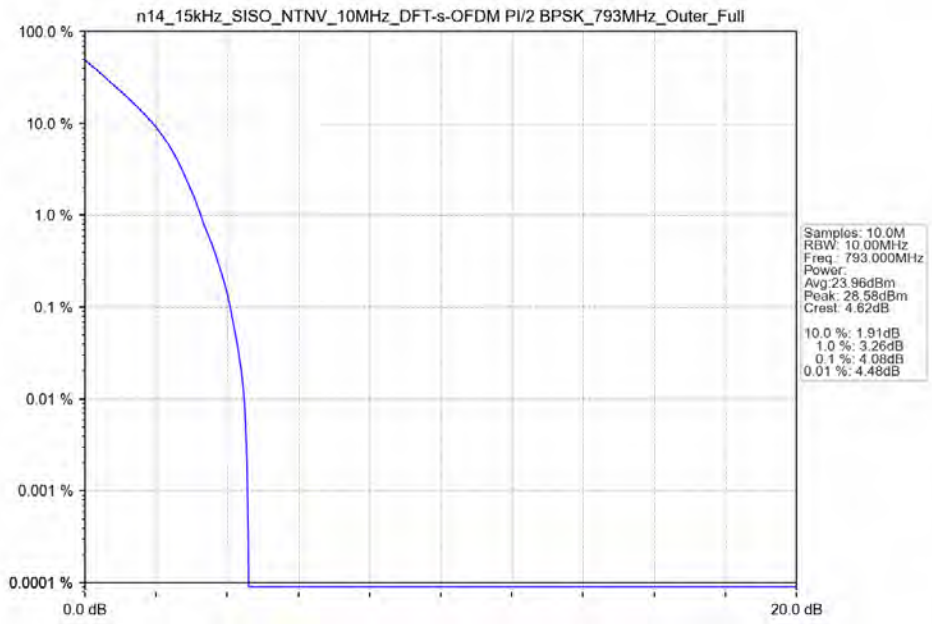

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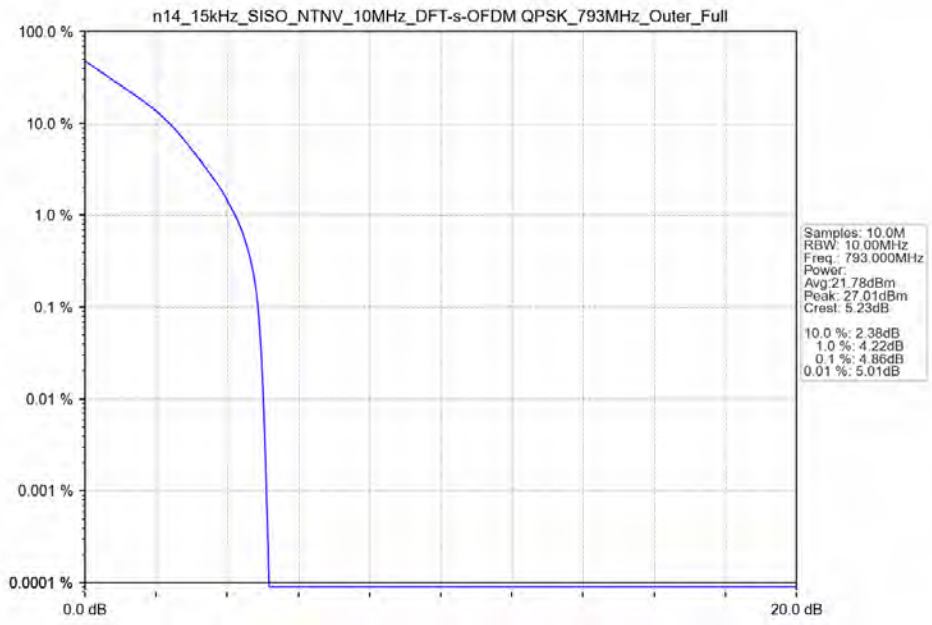

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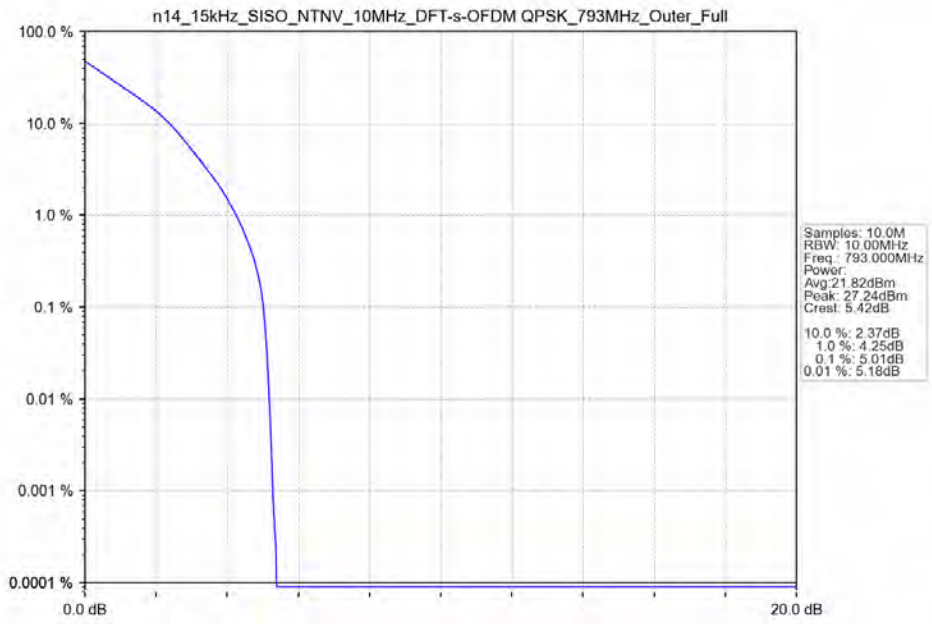

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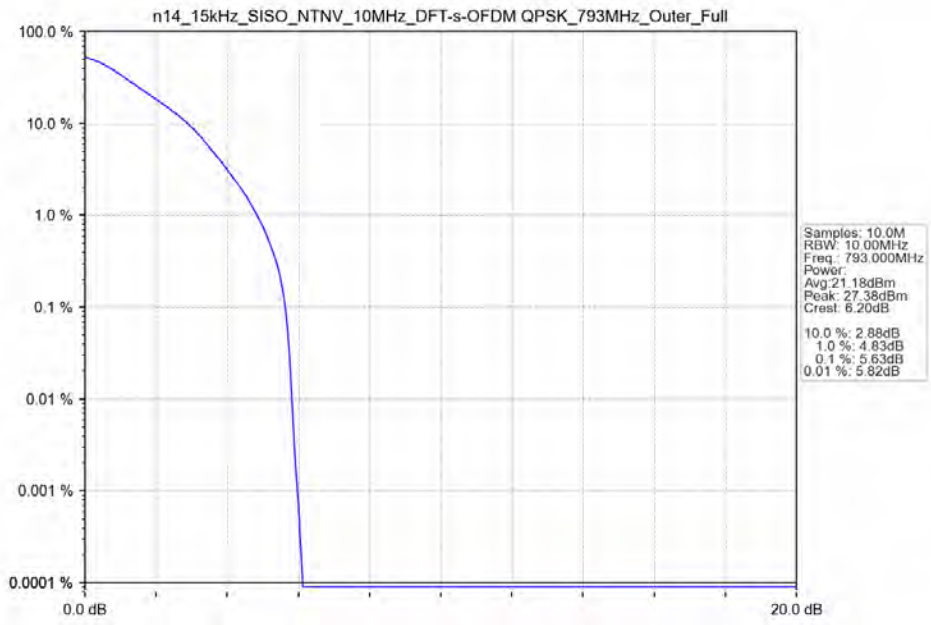

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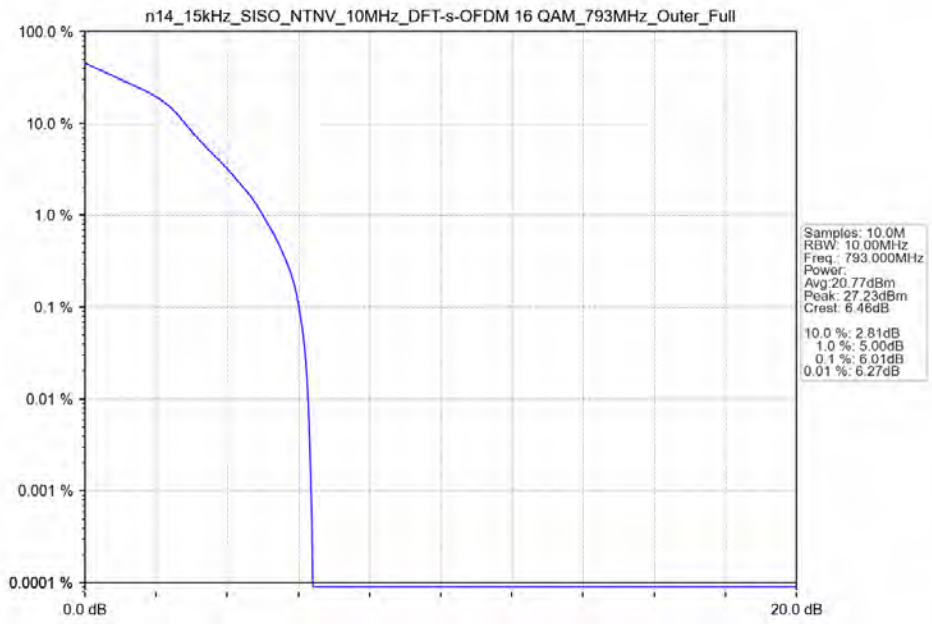

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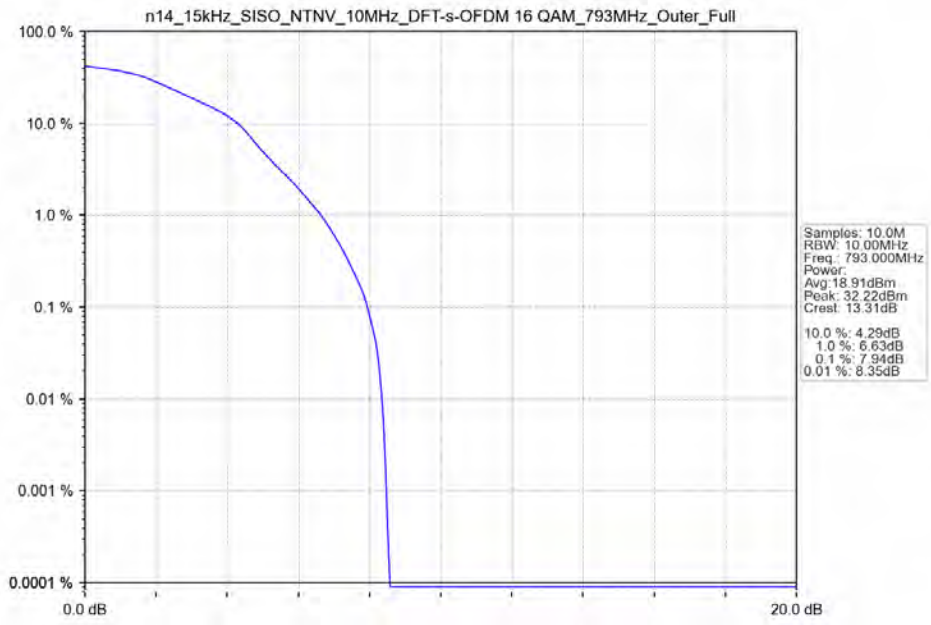

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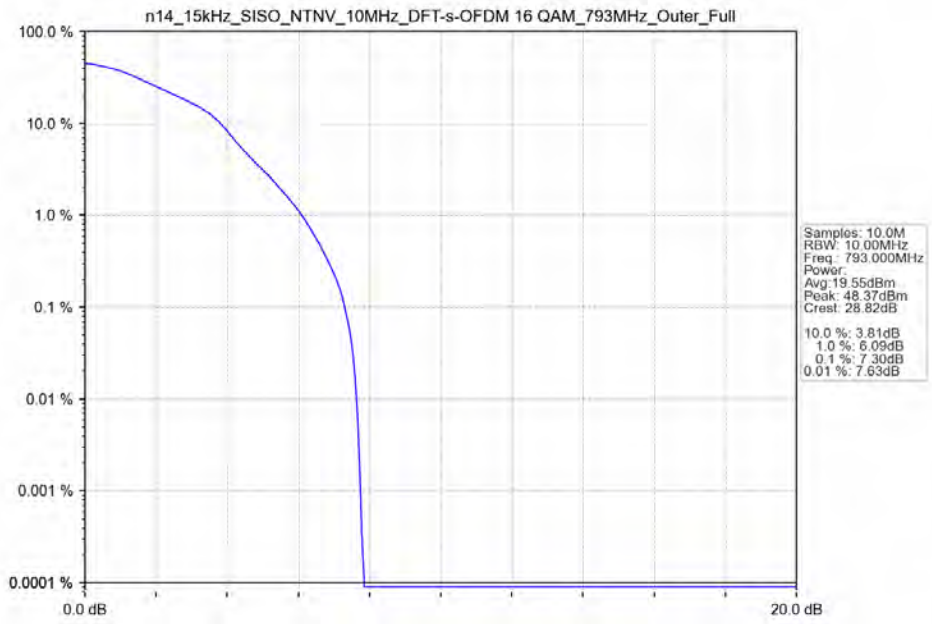
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_793MHz_Outer_Full



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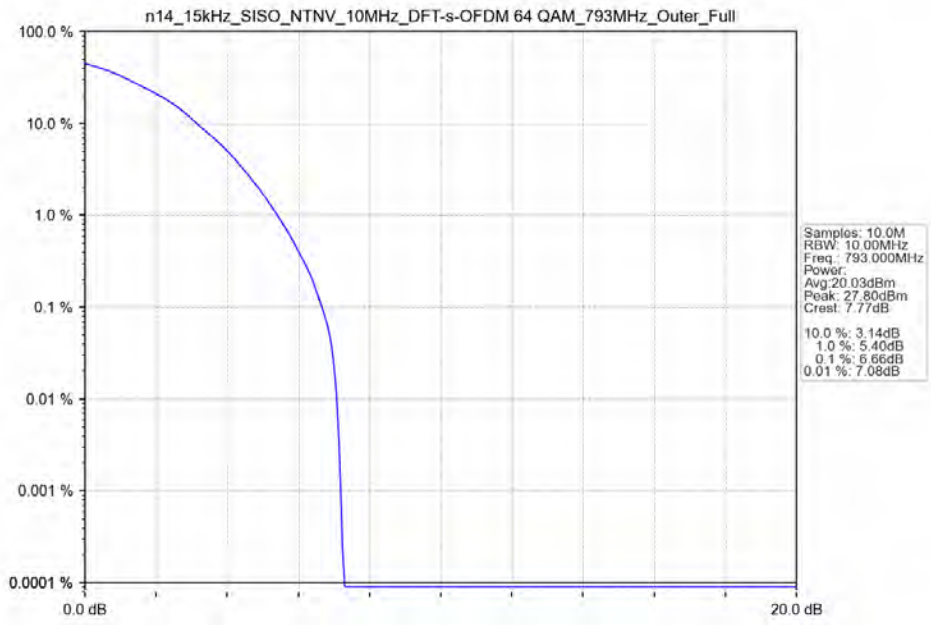

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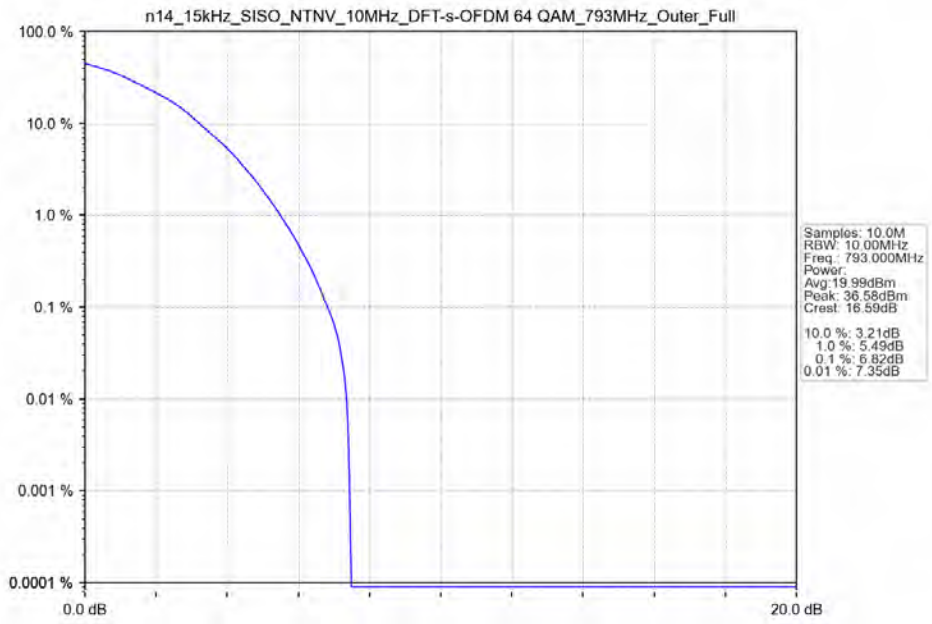

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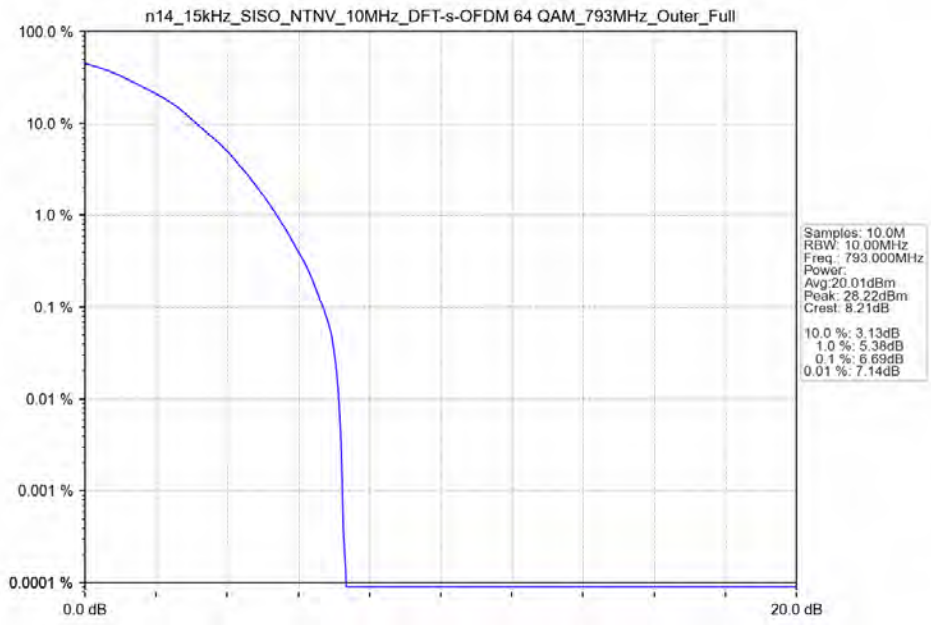

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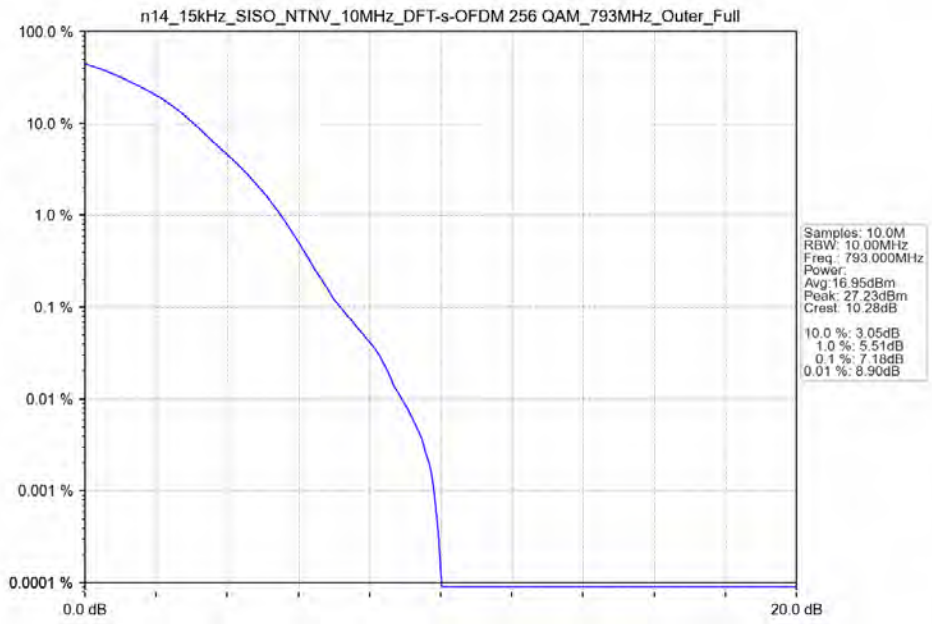

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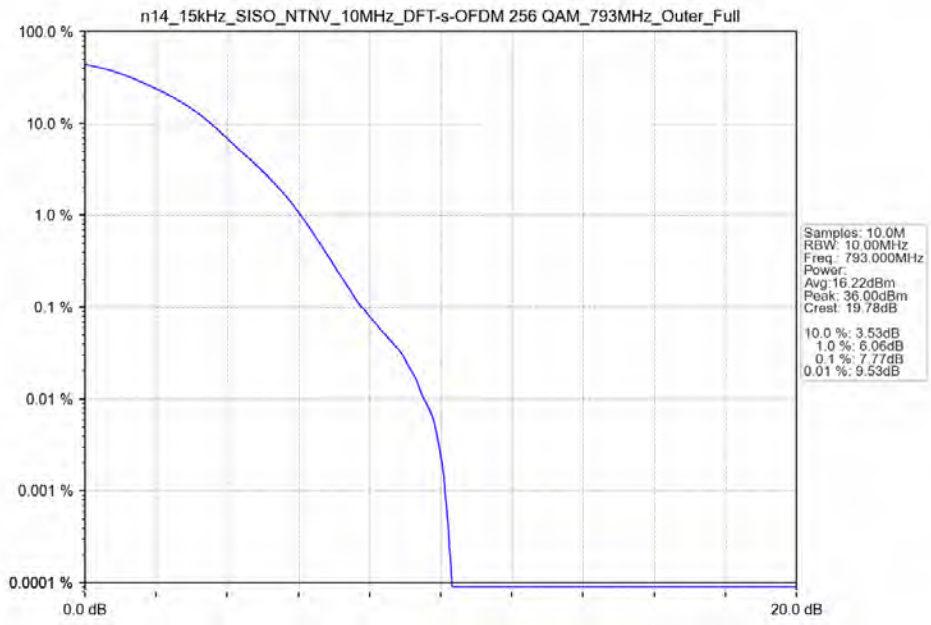

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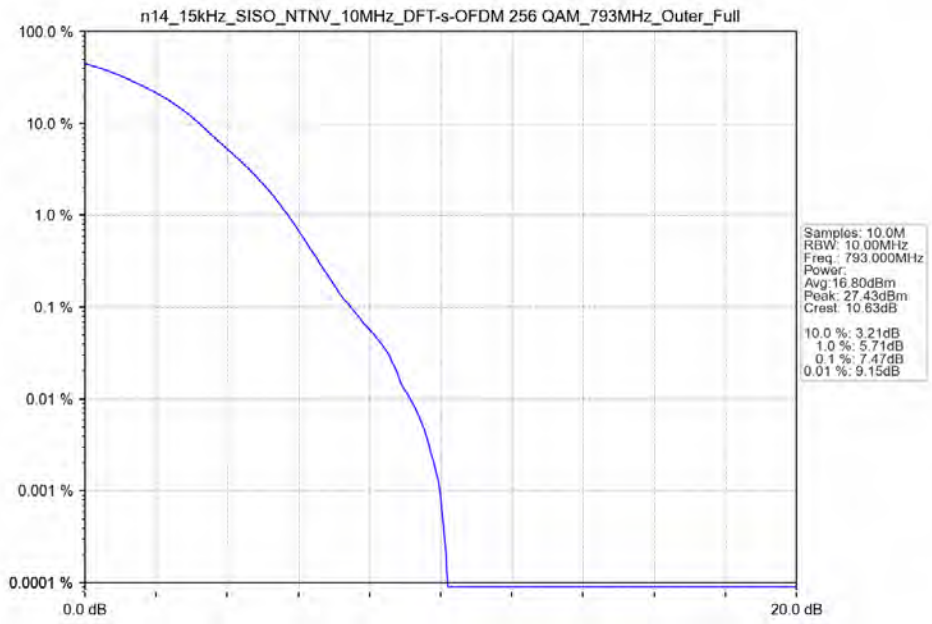

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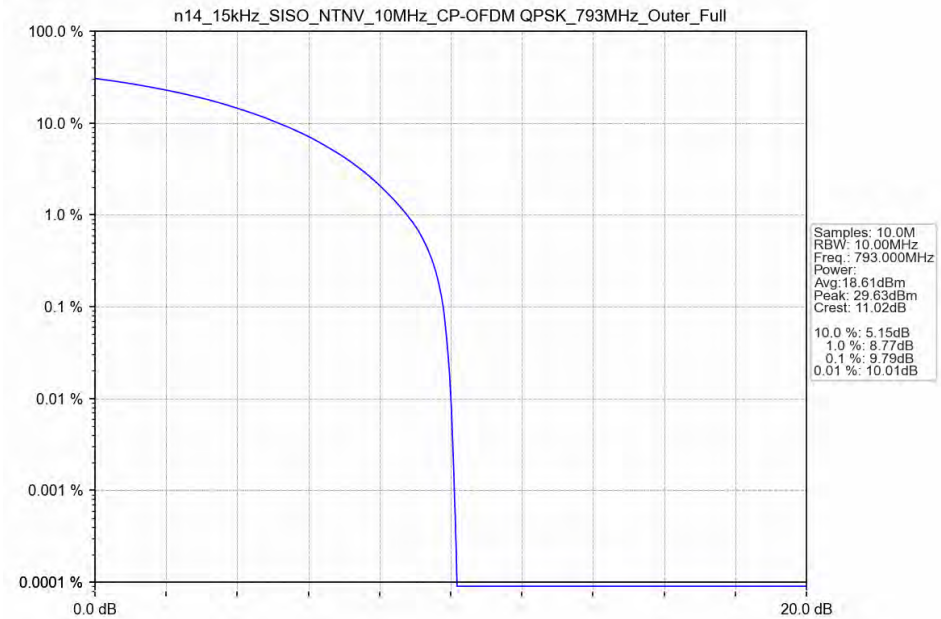

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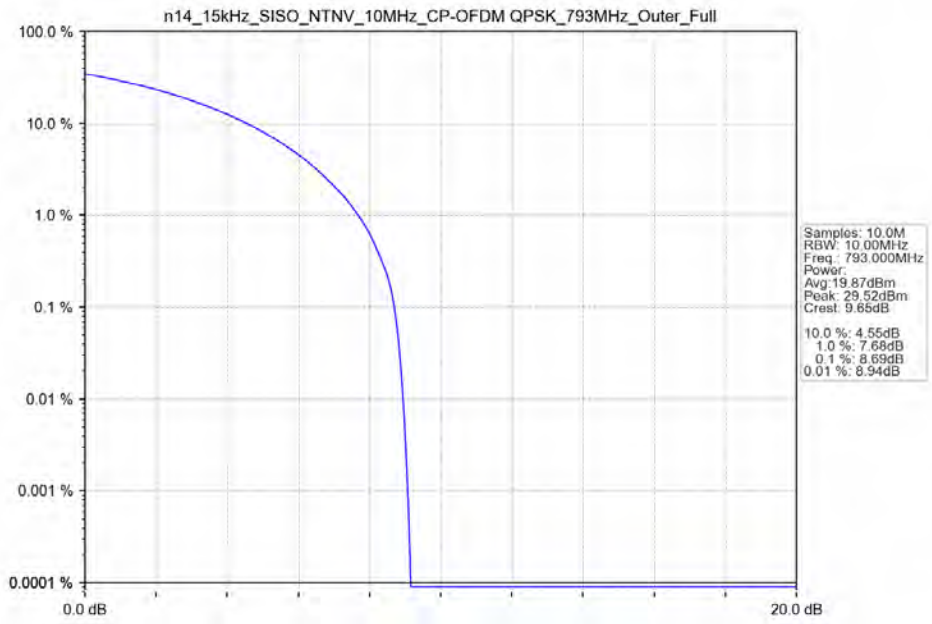

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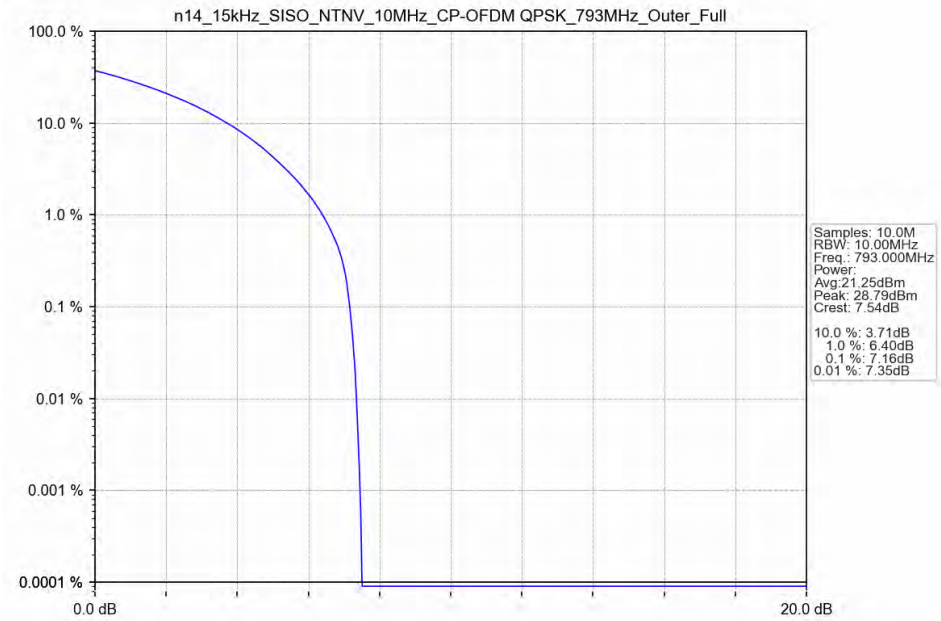

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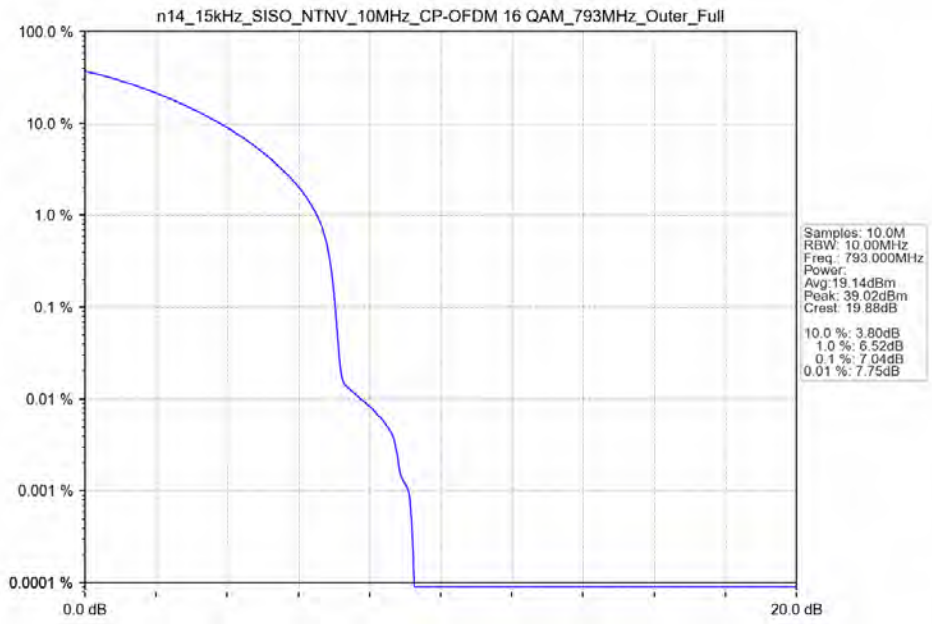

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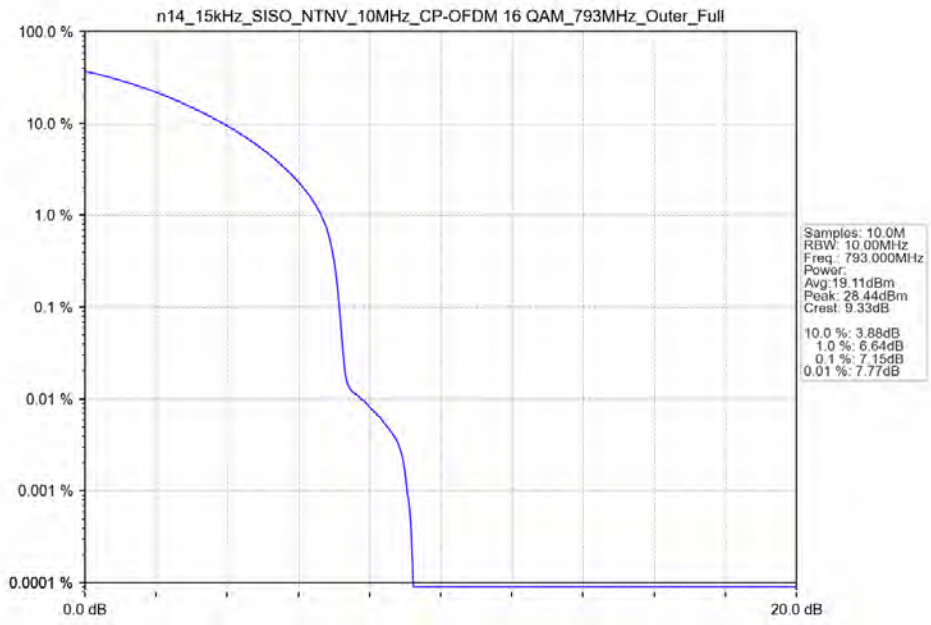

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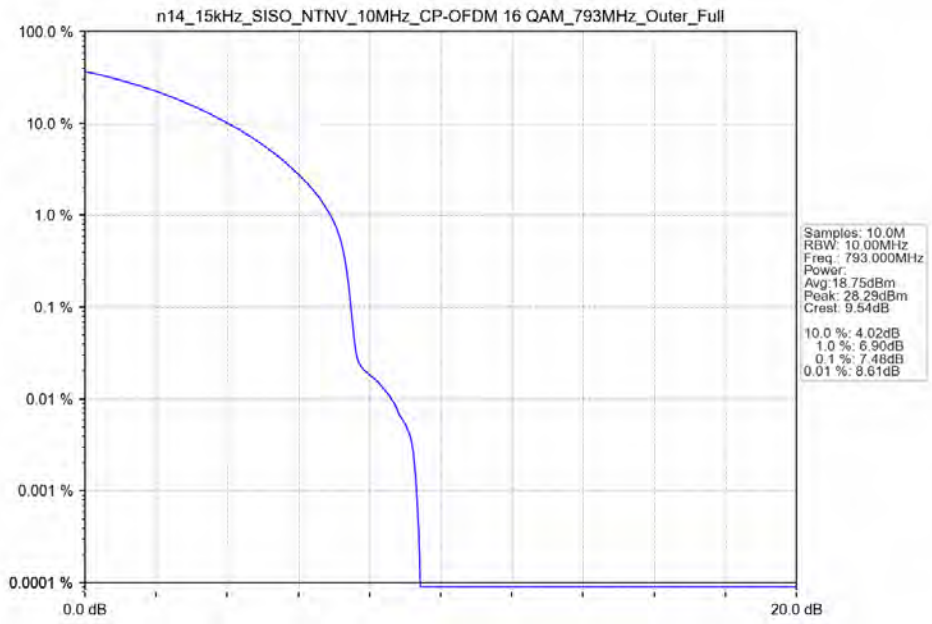

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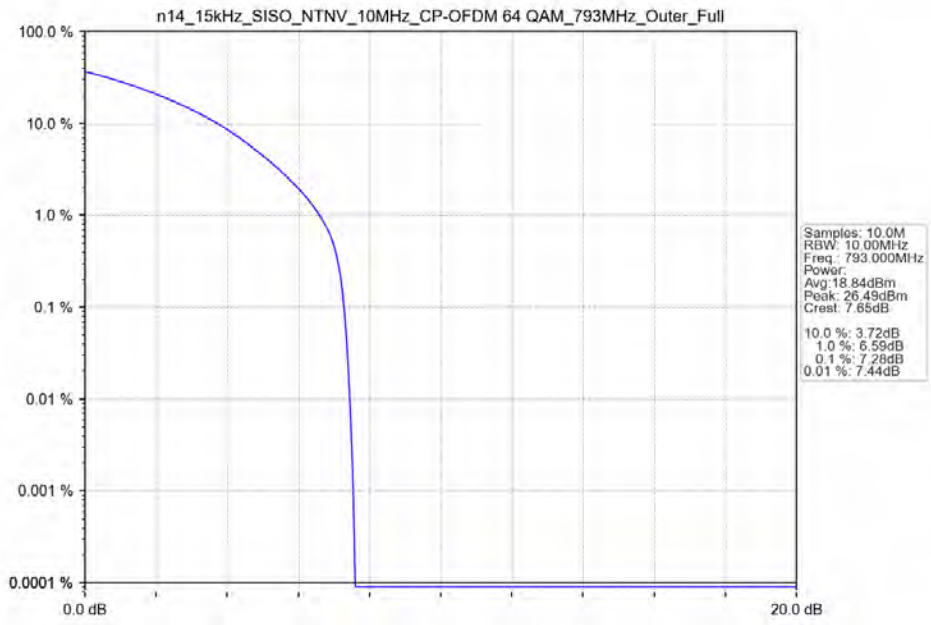

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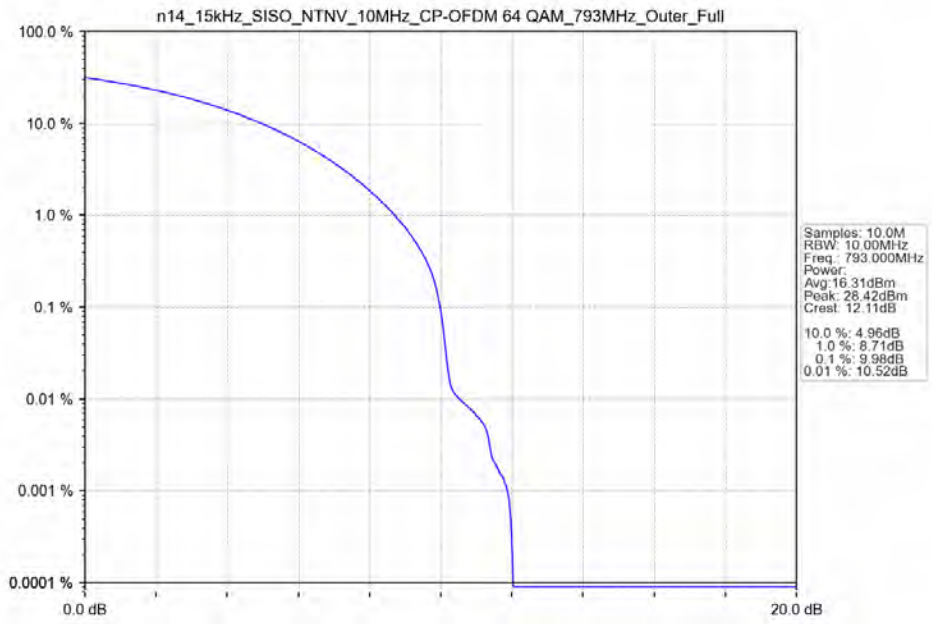
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_793MHz_Outer_Full



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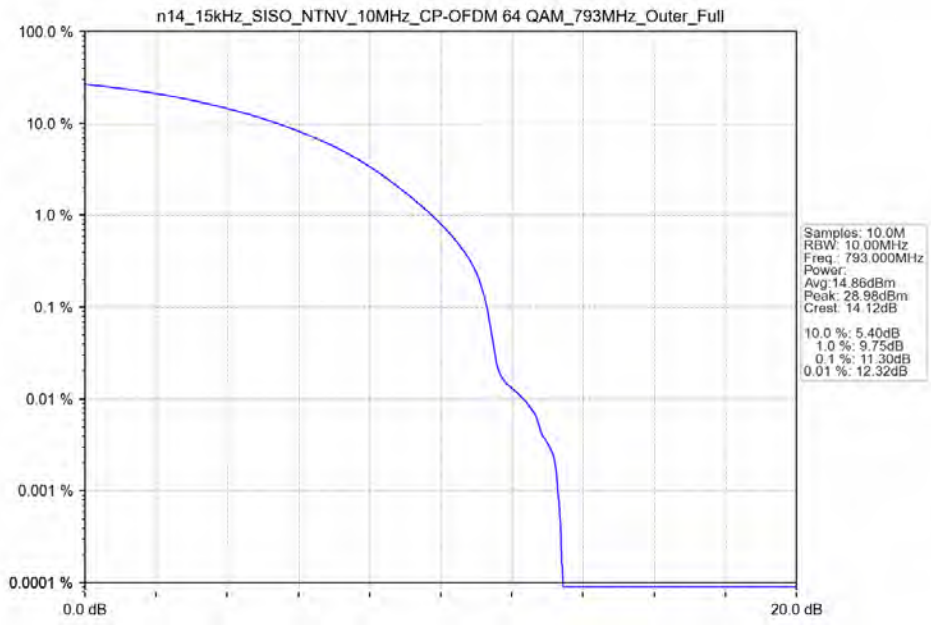

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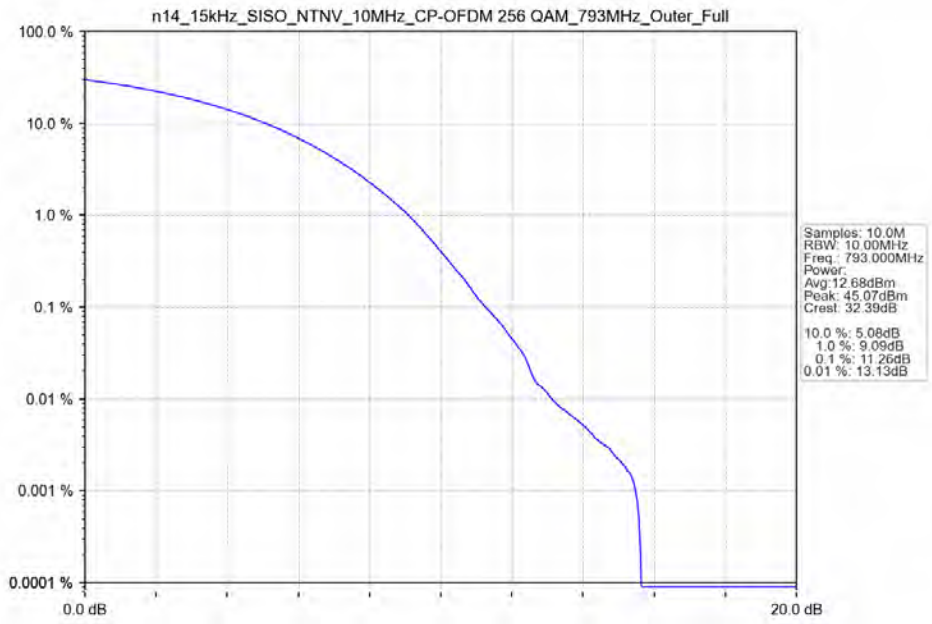

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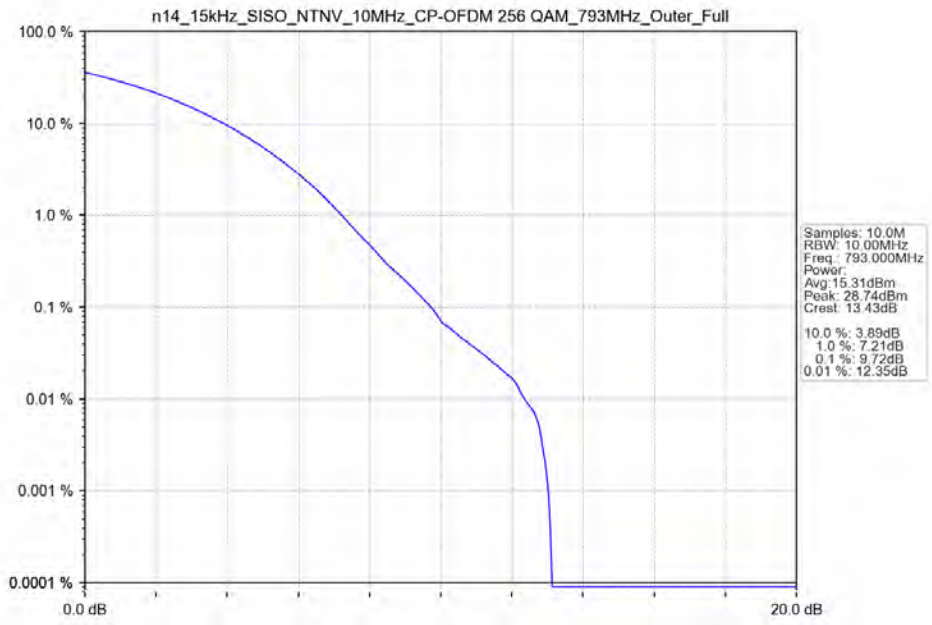

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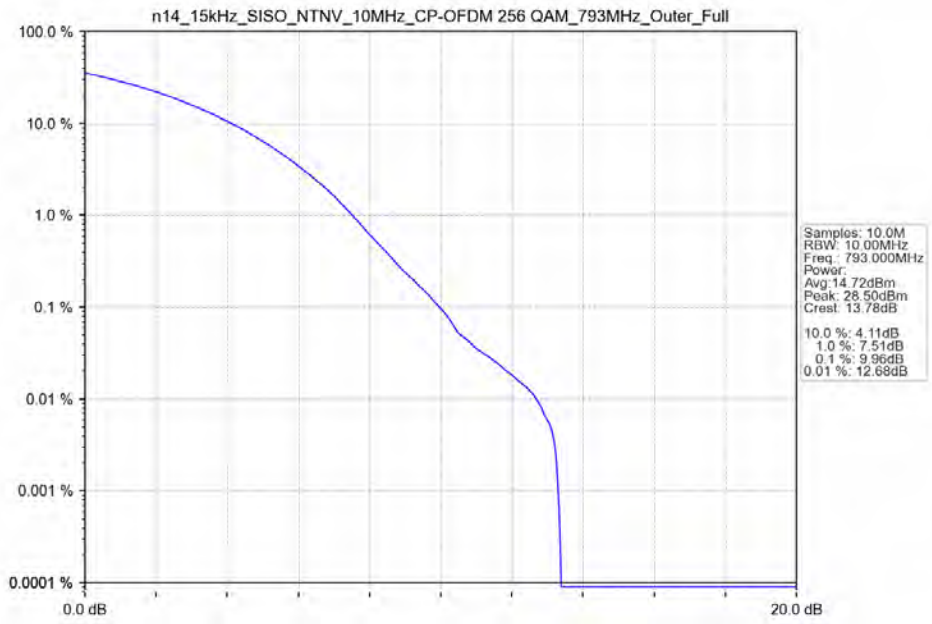

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5. Spurious Emission & Band Edges

5.1 15k_SISO_5MHz_NTNV

5.1.1 Test Result

5G NR n14 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant4	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
CP-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

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5.1.2 Test Graph

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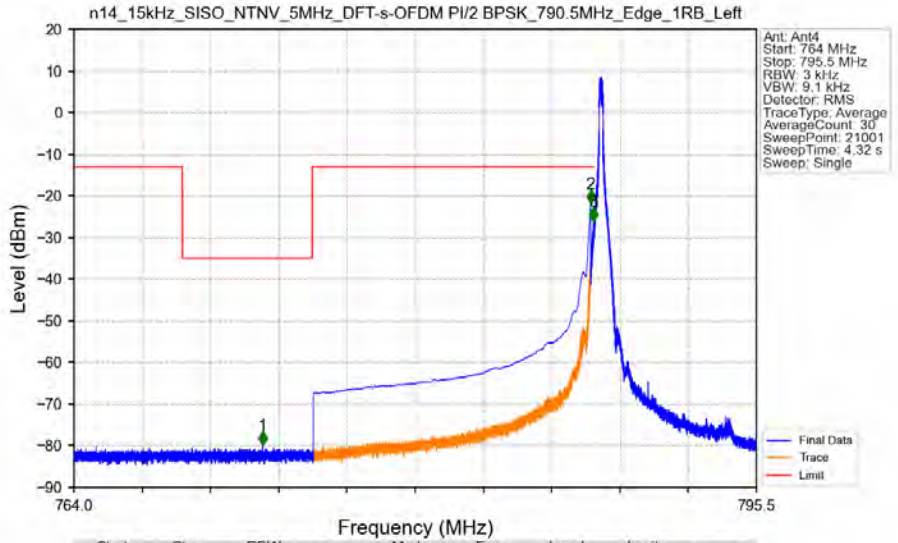

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	772.705	-79.86	-35	Pass
775	787.9	0.1	CHP	2	787.848	-21.98	-13	Pass
787.9	788	0.03	/	3	787.990	-26.23	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_790.5MHz_Edge_1RB_Left

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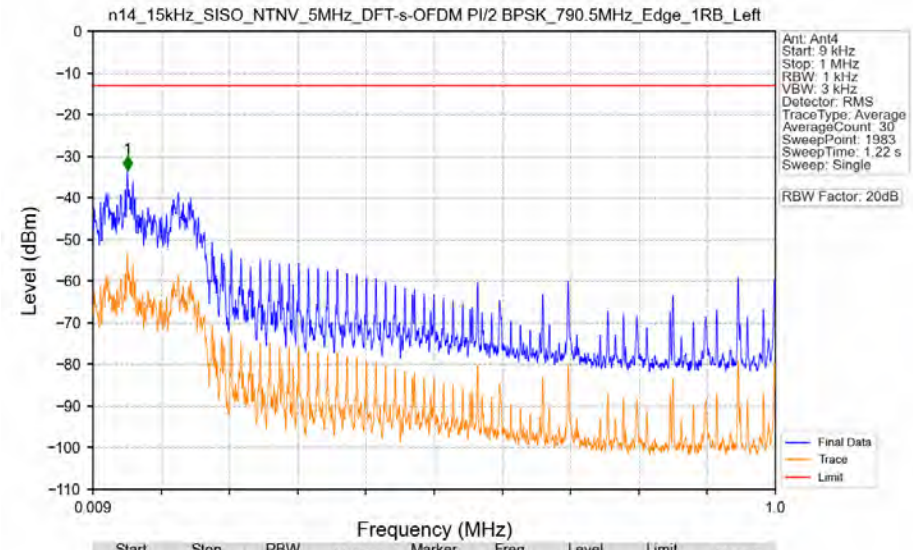

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-33.28	-13	Pass

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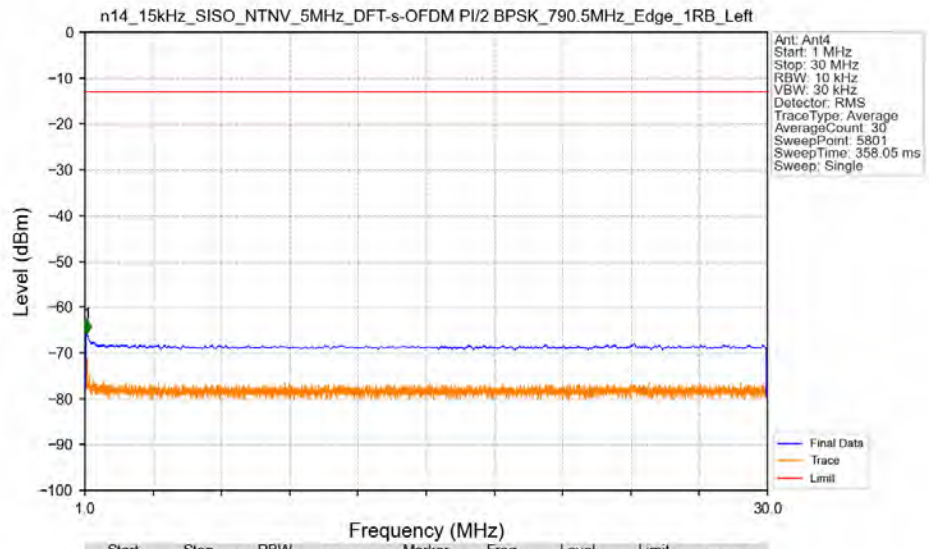

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.085	-65.86	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_790.5MHz_Edge_1RB_Left

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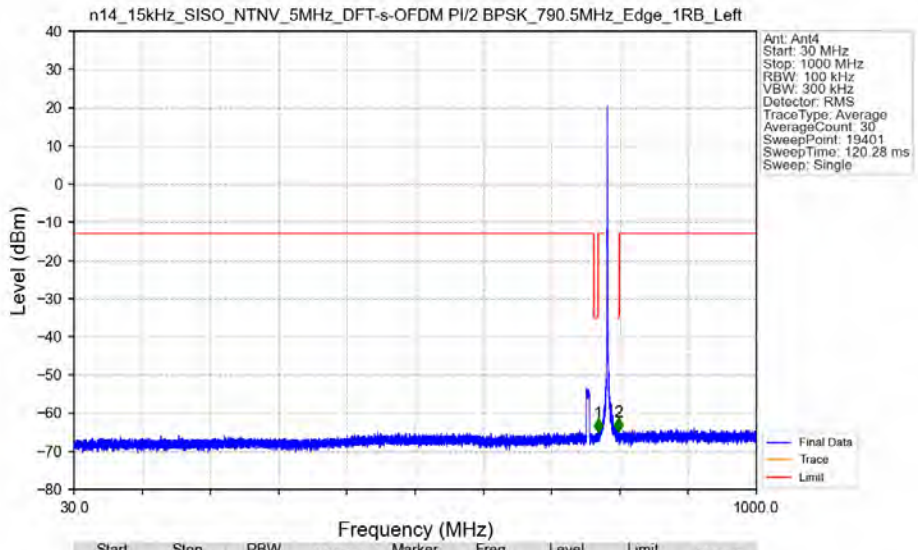

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	774.900	-65.15	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	804.100	-65.03	-35	Pass

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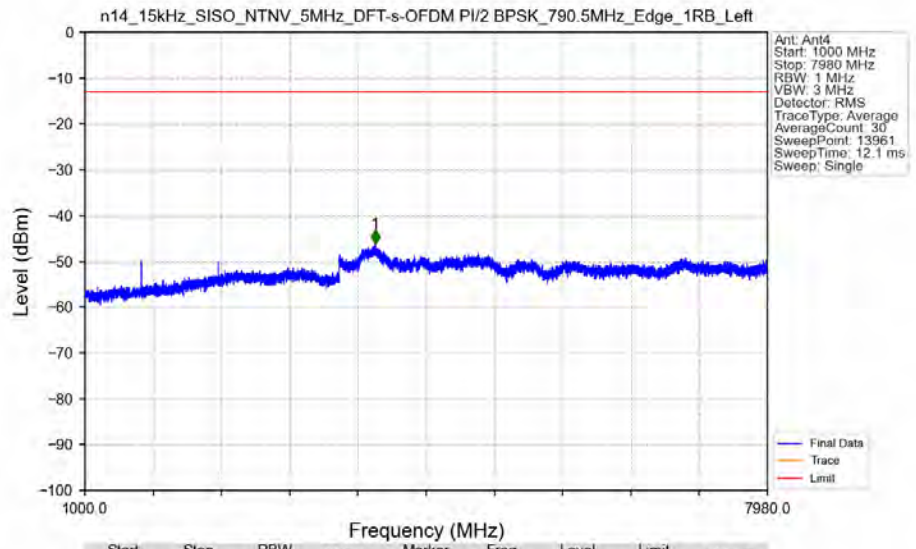

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3970.500	-46.26	-13	Pass

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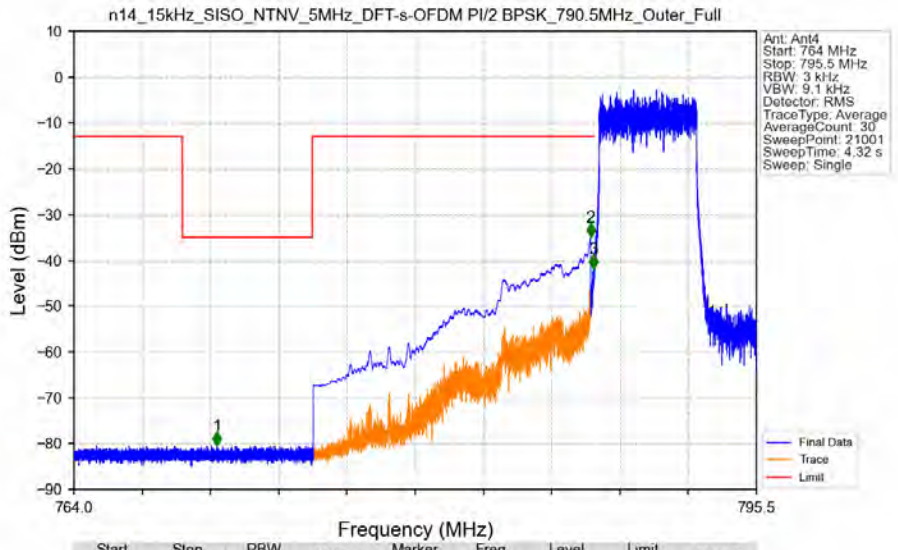

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	770.605	-80.54	-35	Pass
775	787.9	0.1	CHP	2	787.848	-34.92	-13	Pass
787.9	788	0.03	/	3	787.992	-41.84	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

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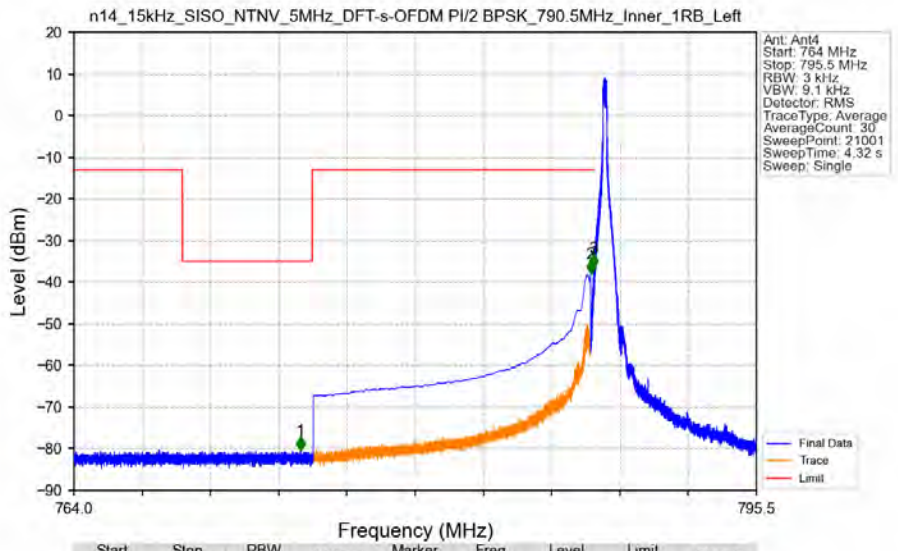
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_790.5MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	774.462	-80.53	-35	Pass
775	787.9	0.1	CHP	2	787.848	-37.96	-13	Pass
787.9	788	0.03	/	3	787.990	-36.64	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left

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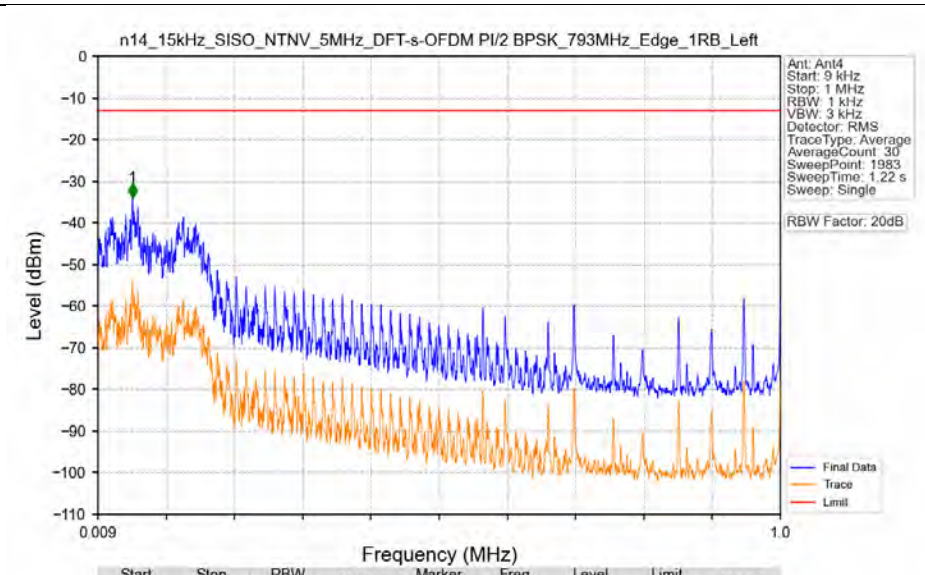

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-33.97	-13	Pass

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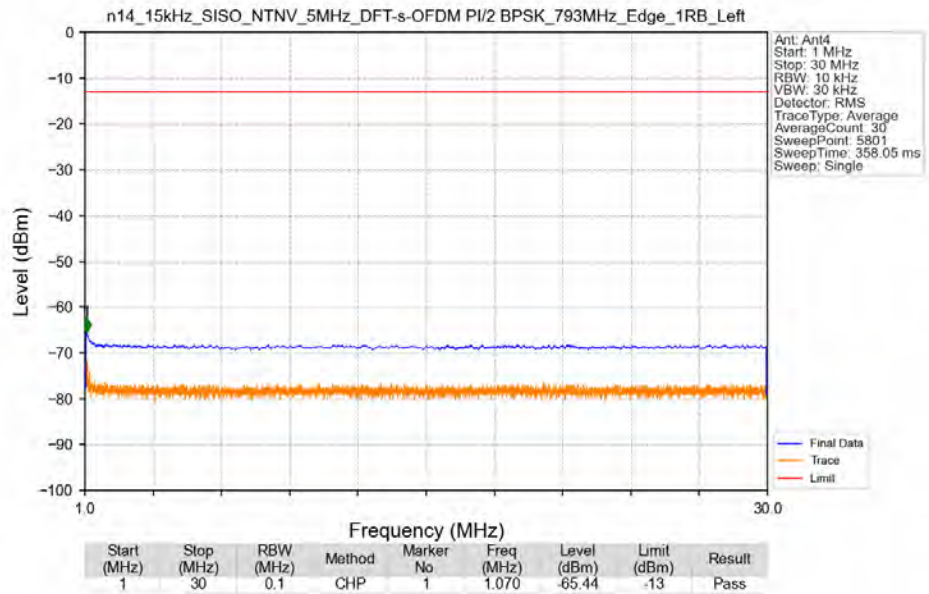
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.070	-65.44	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left

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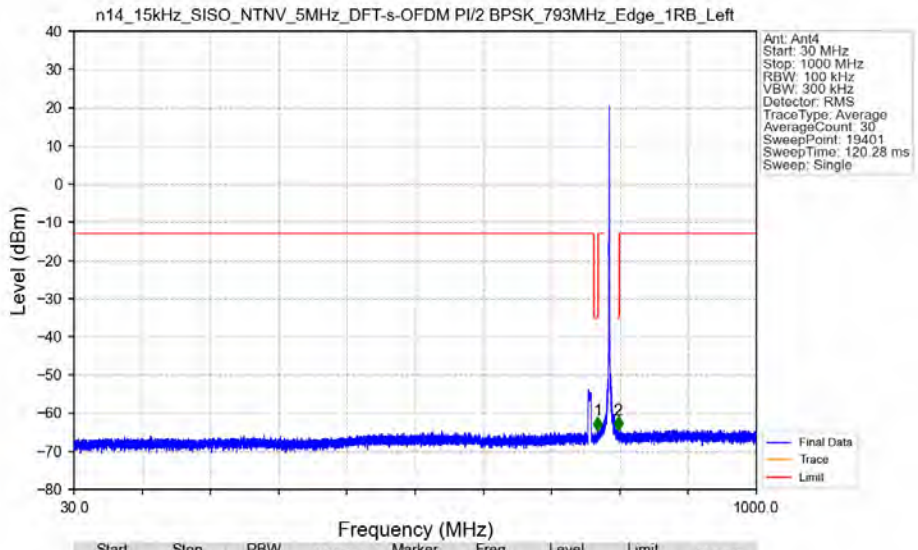

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	774.400	-64.68	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.400	-64.59	-35	Pass

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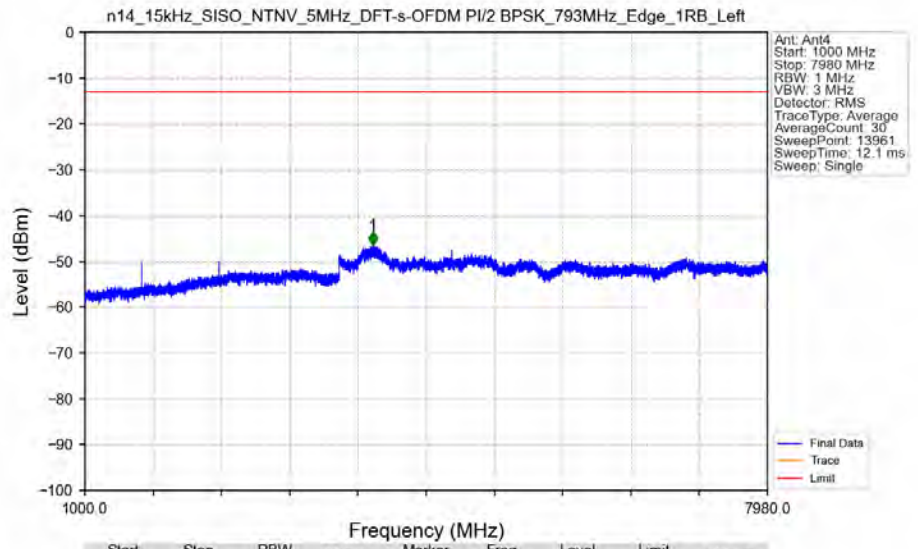
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3945.500	-46.52	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Edge_1RB_Right

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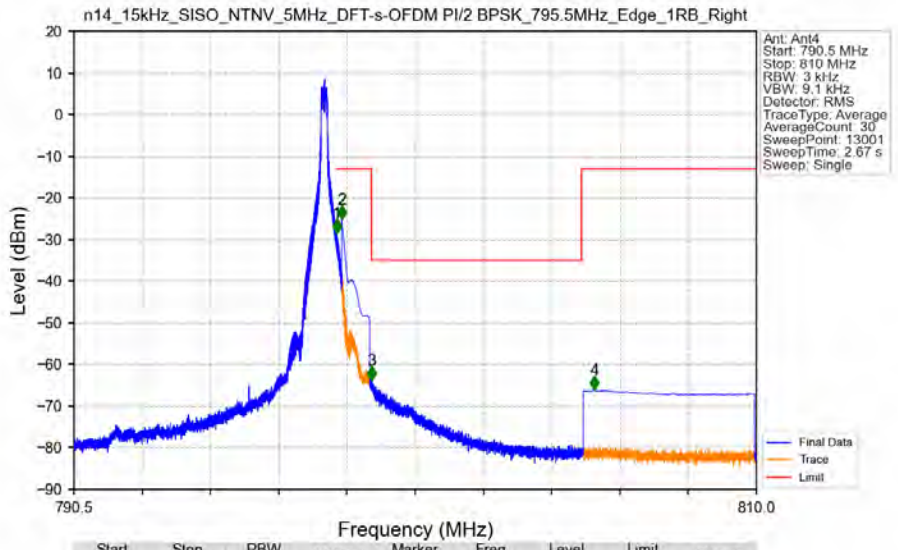

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.006	-28.44	-13	Pass
798.1	799	0.1	CHP	2	798.152	-25.15	-13	Pass
799	805	0.003	/	3	799.015	-63.81	-35	Pass
805	810	0.1	CHP	4	805.379	-66.18	-13	Pass

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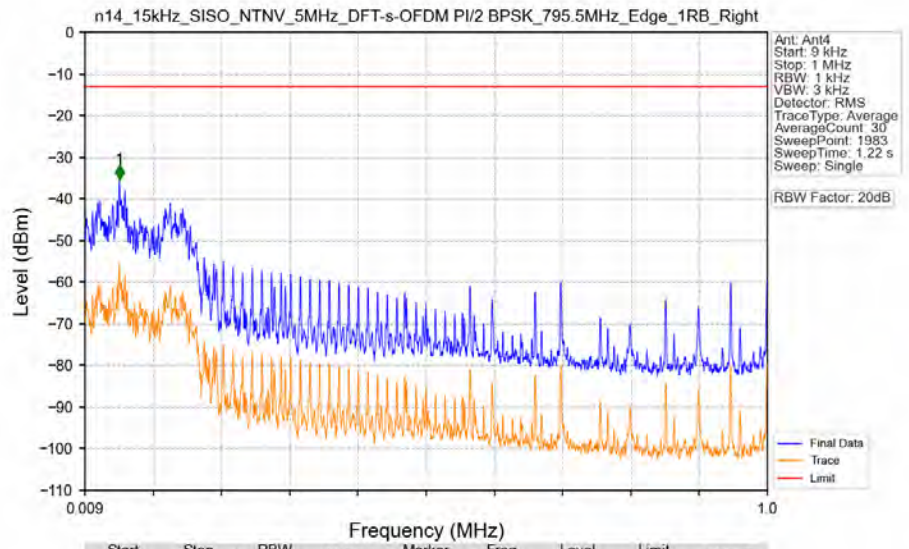

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-35.39	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Edge_1RB_Right

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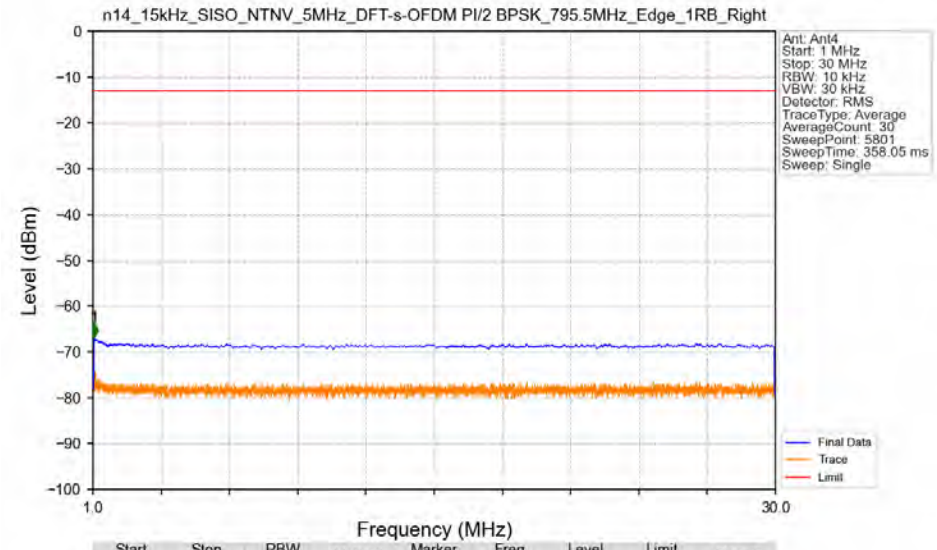

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.050	-66.86	-13	Pass

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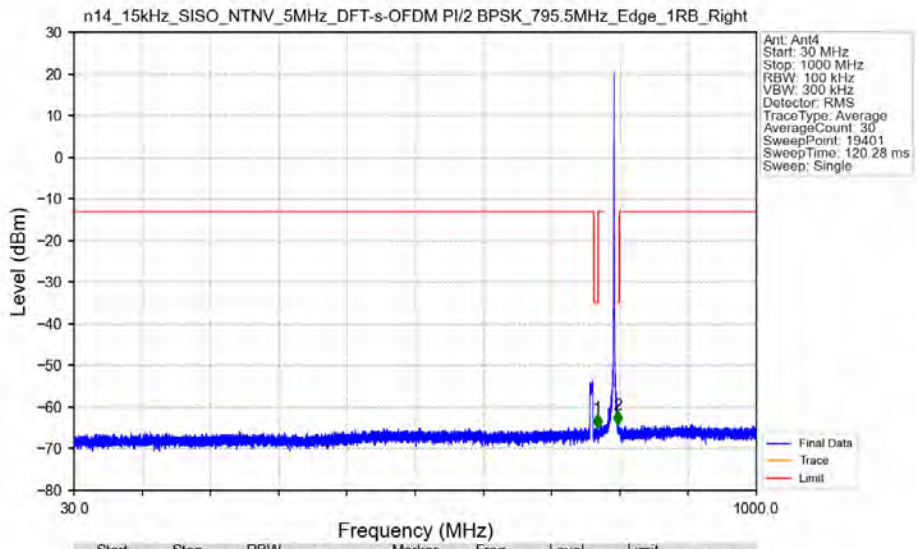

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	773.700	-65.13	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.150	-64.32	-35	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Edge_1RB_Right

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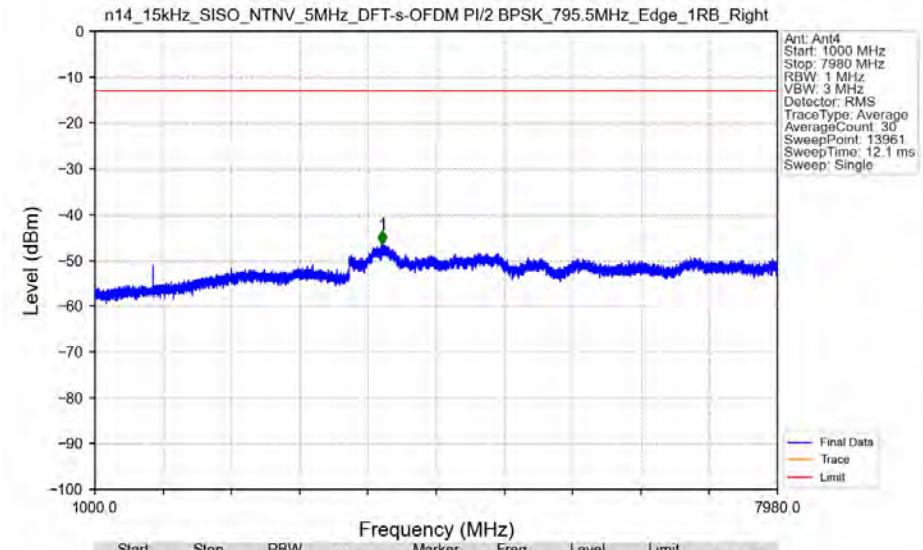

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3938.000	-46.62	-13	Pass

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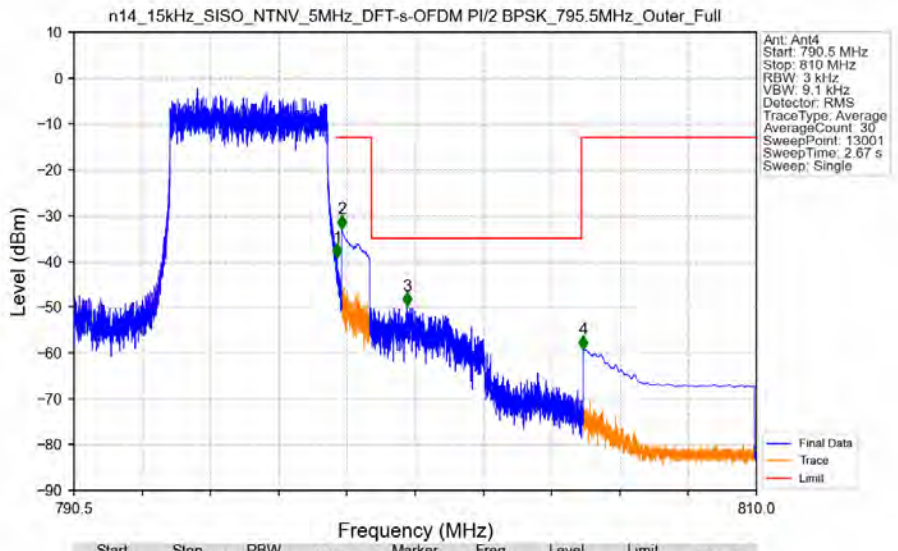

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.018	-39.26	-13	Pass
798.1	799	0.1	CHP	2	798.152	-32.94	-13	Pass
799	805	0.003	/	3	800.013	-49.86	-35	Pass
805	810	0.1	CHP	4	805.052	-59.23	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_795.5MHz_Inner_1RB_Right

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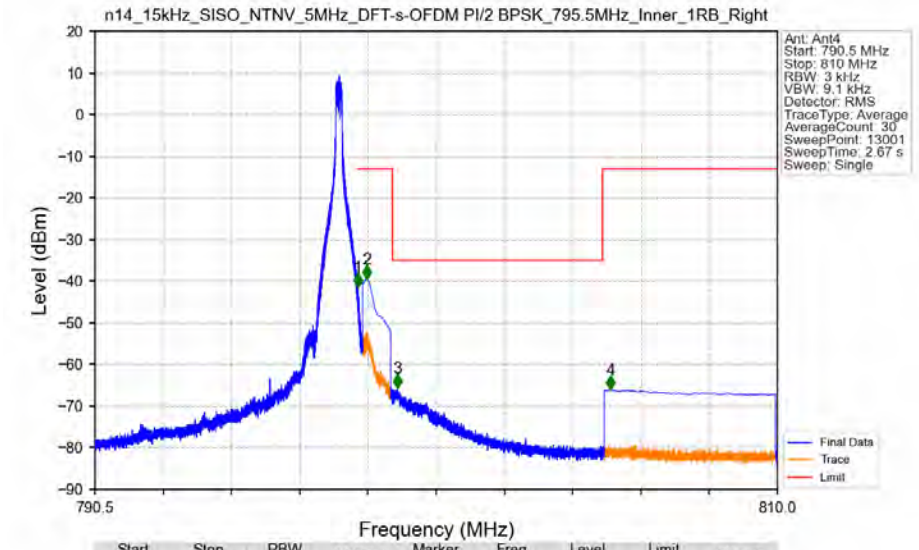

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.008	-41.54	-13	Pass
798.1	799	0.1	CHP	2	798.271	-39.55	-13	Pass
799	805	0.003	/	3	799.154	-65.79	-35	Pass
805	810	0.1	CHP	4	805.231	-66.14	-13	Pass

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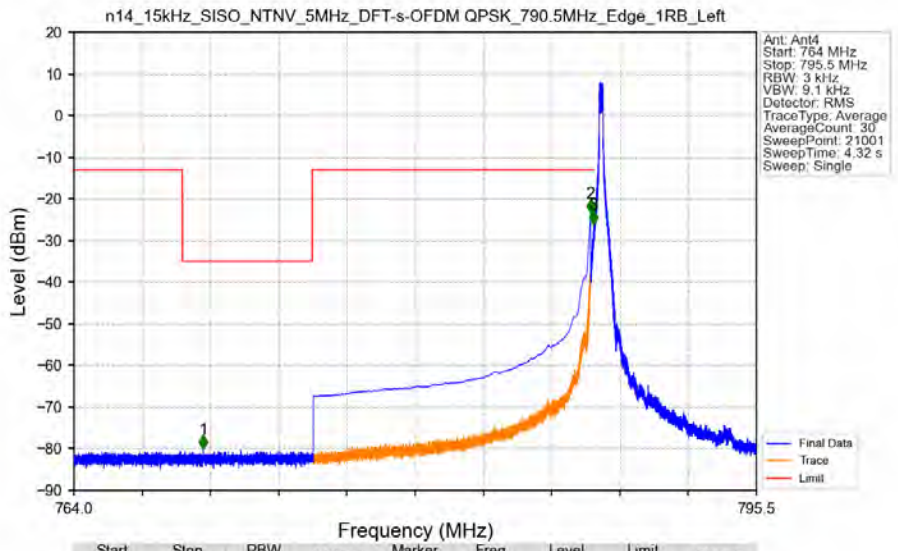
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	769.970	-80.10	-35	Pass
775	787.9	0.1	CHP	2	787.848	-23.45	-13	Pass
787.9	788	0.03	/	3	787.992	-26.20	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Edge_1RB_Left

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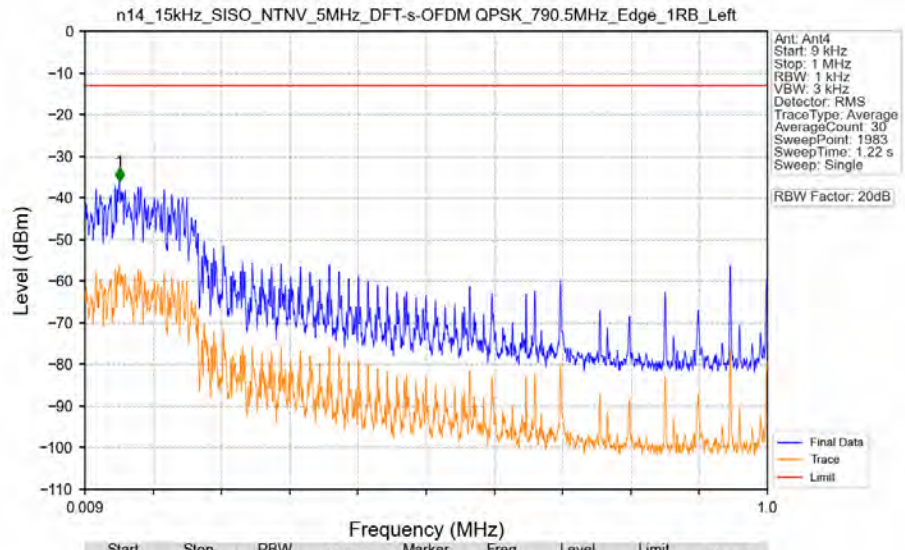

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-36.13	-13	Pass

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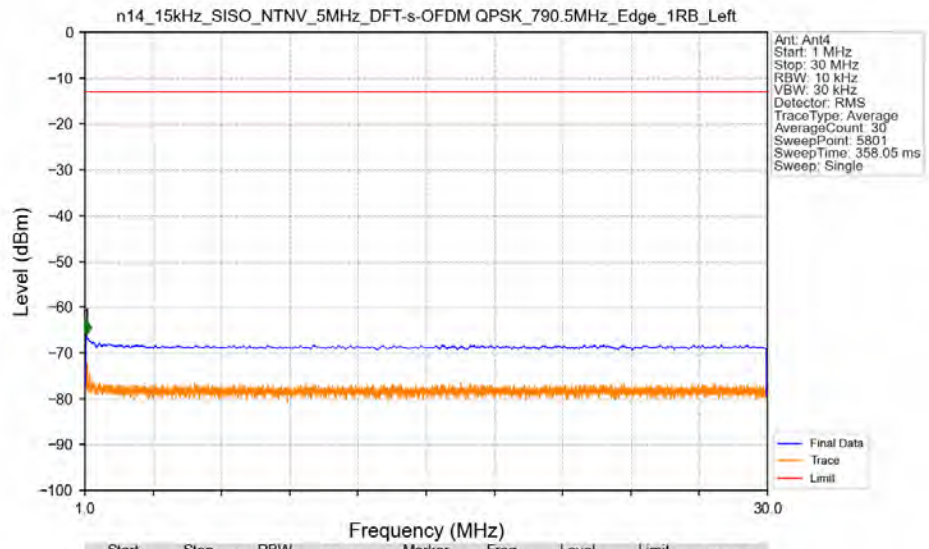

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.055	-66.02	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Edge_1RB_Left

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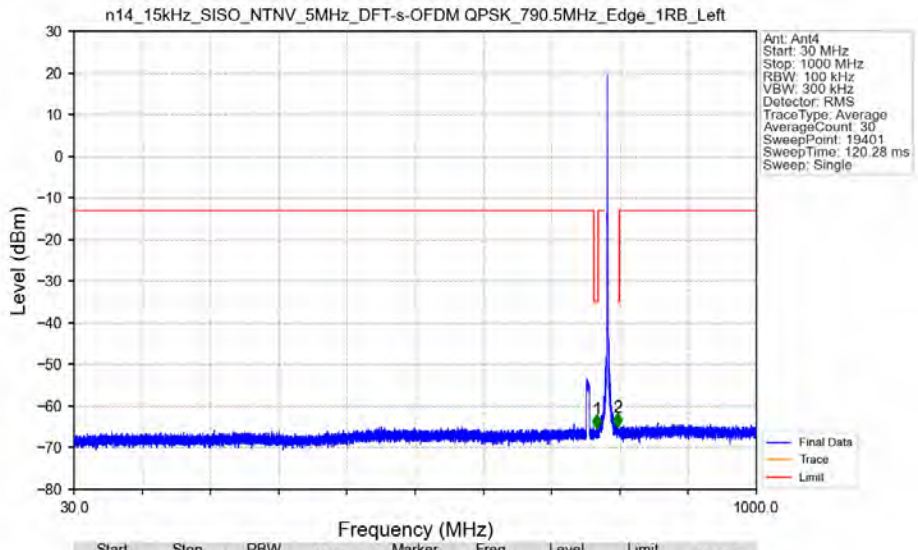

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	773.450	-65.47	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.000	-65.07	-35	Pass

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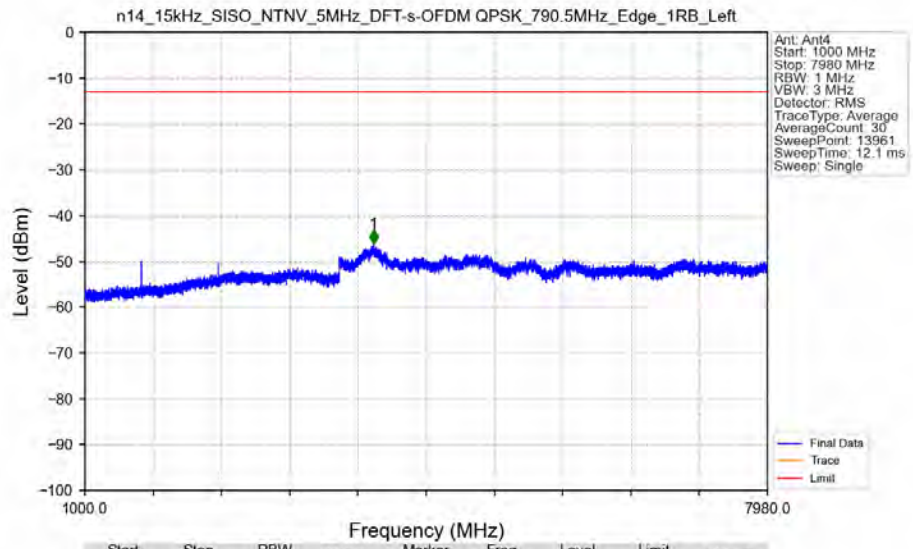

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3950.500	-46.23	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_790.5MHz_Outer_Full

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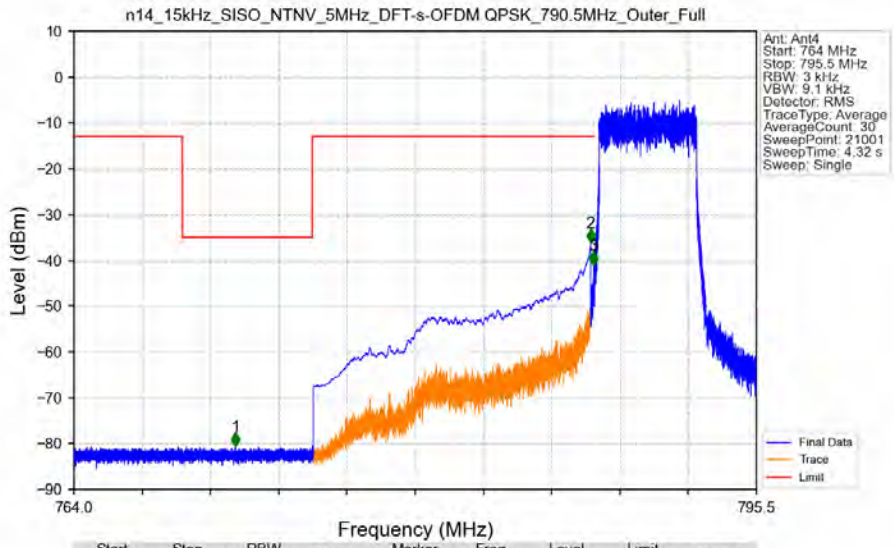

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	771.460	-80.67	-35	Pass
775	787.9	0.1	CHP	2	787.848	-36.28	-13	Pass
787.9	788	0.03	/	3	787.992	-41.22	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

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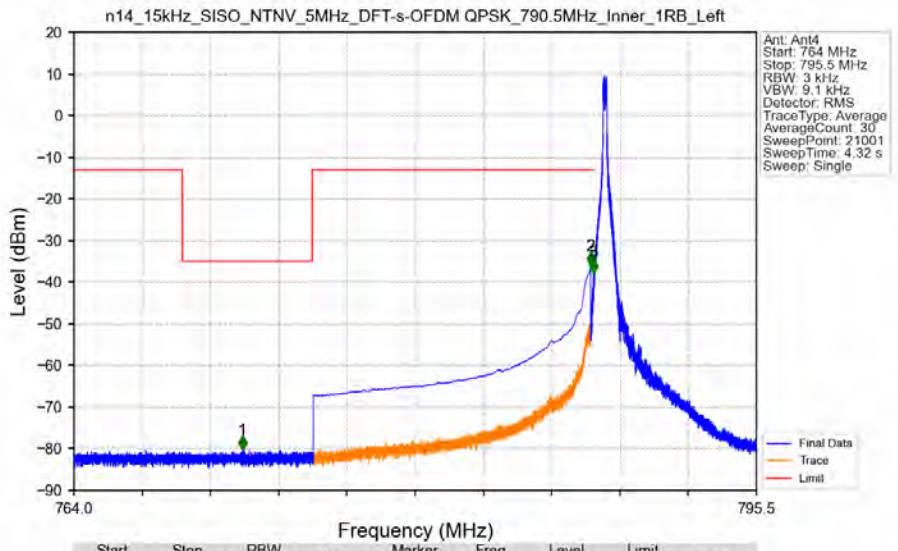

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	771.784	-80.30	-35	Pass
775	787.9	0.1	CHP	2	787.848	-36.14	-13	Pass
787.9	788	0.03	/	3	787.988	-37.72	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left

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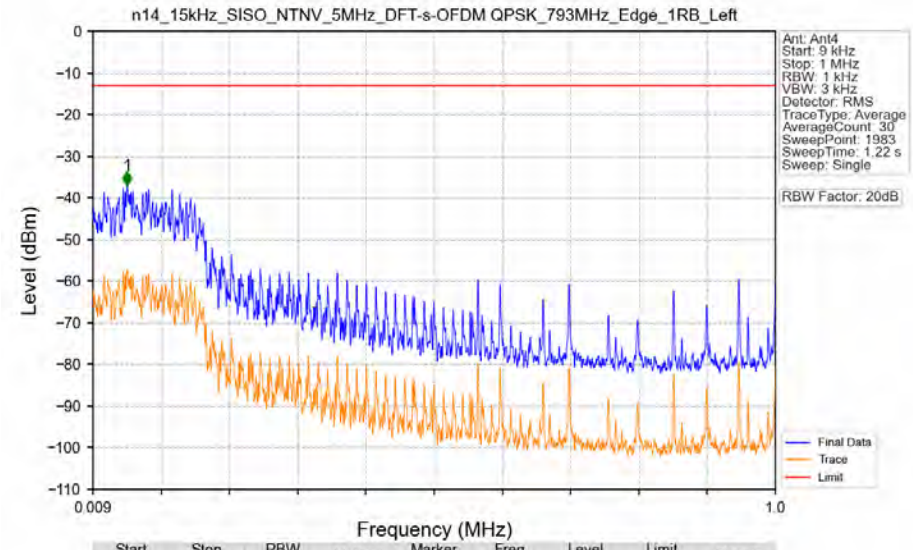

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-37.05	-13	Pass

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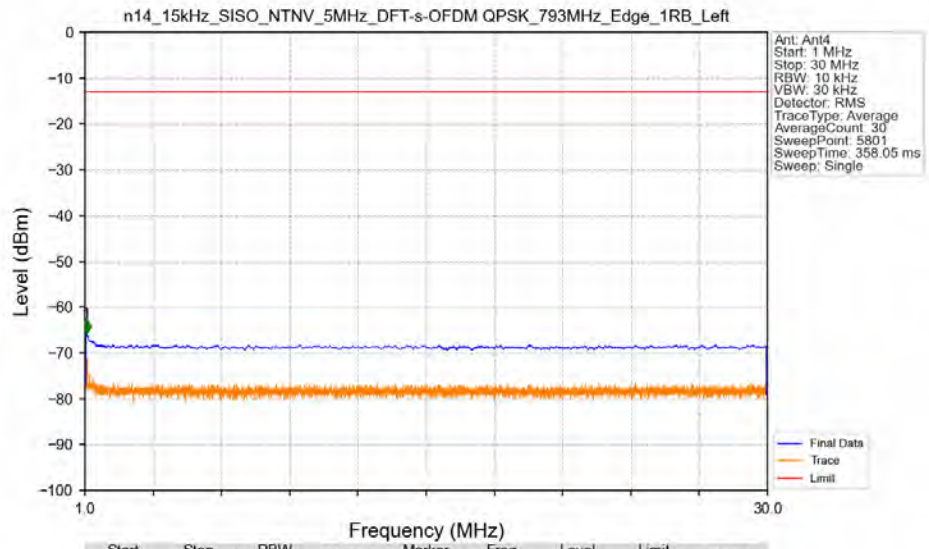

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.055	-65.77	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left

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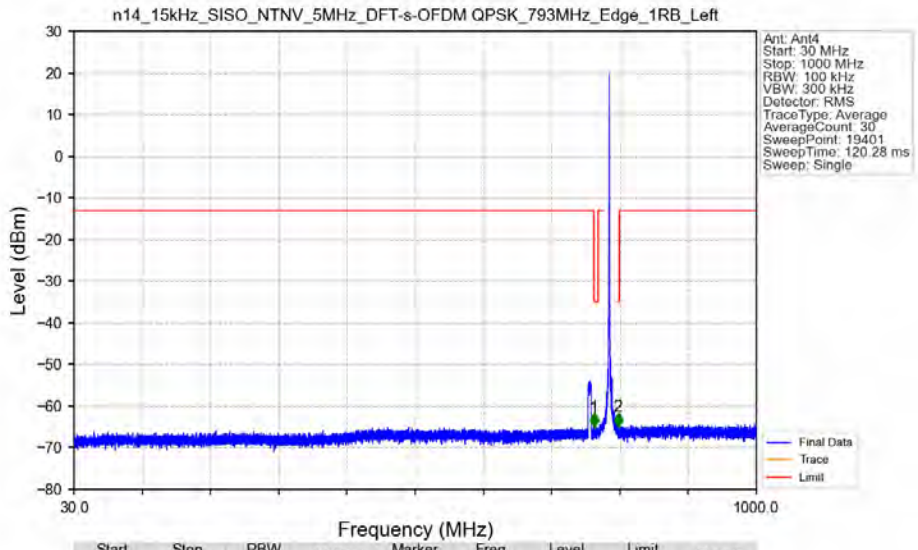

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	769.250	-65.00	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.400	-64.98	-35	Pass

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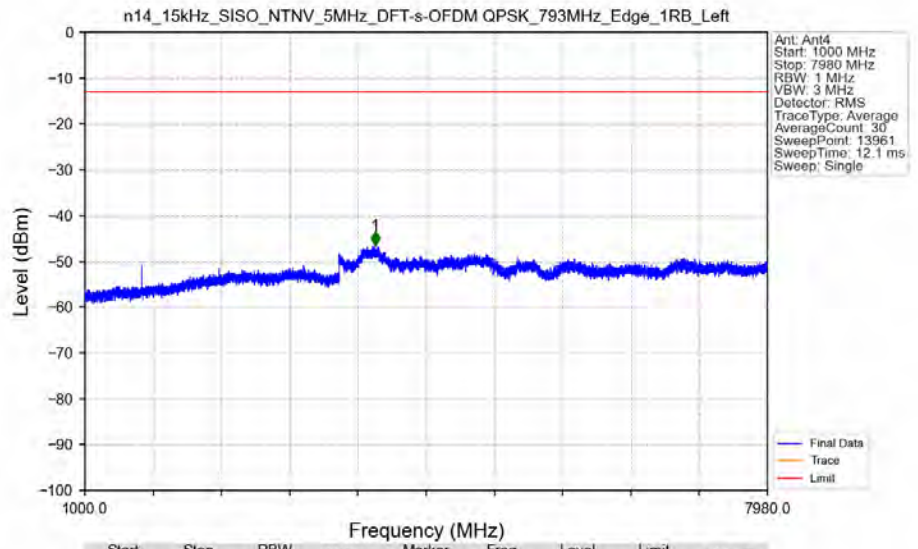
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3967.000	-46.58	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_795.5MHz_Edge_1RB_Right

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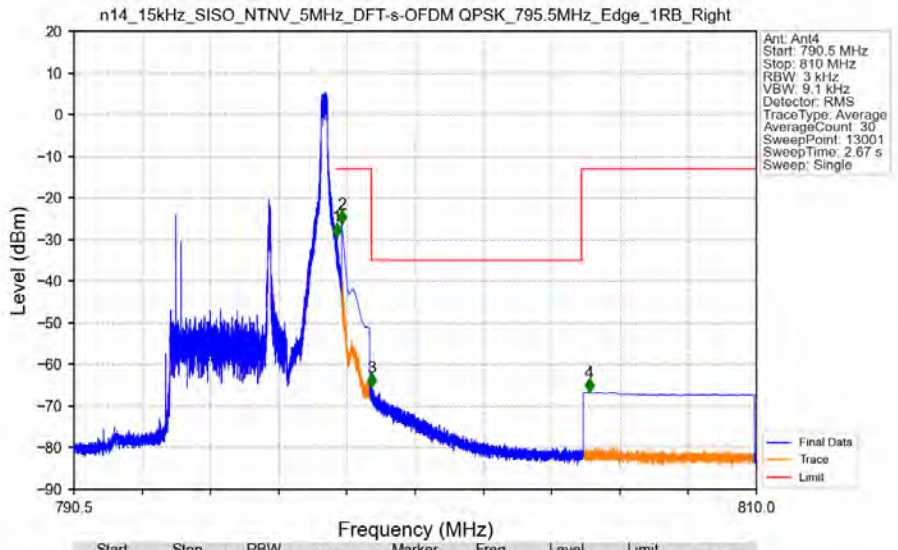

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.009	-29.39	-13	Pass
798.1	799	0.1	CHP	2	798.152	-26.37	-13	Pass
799	805	0.003	/	3	799.005	-65.54	-35	Pass
805	810	0.1	CHP	4	805.221	-66.67	-13	Pass

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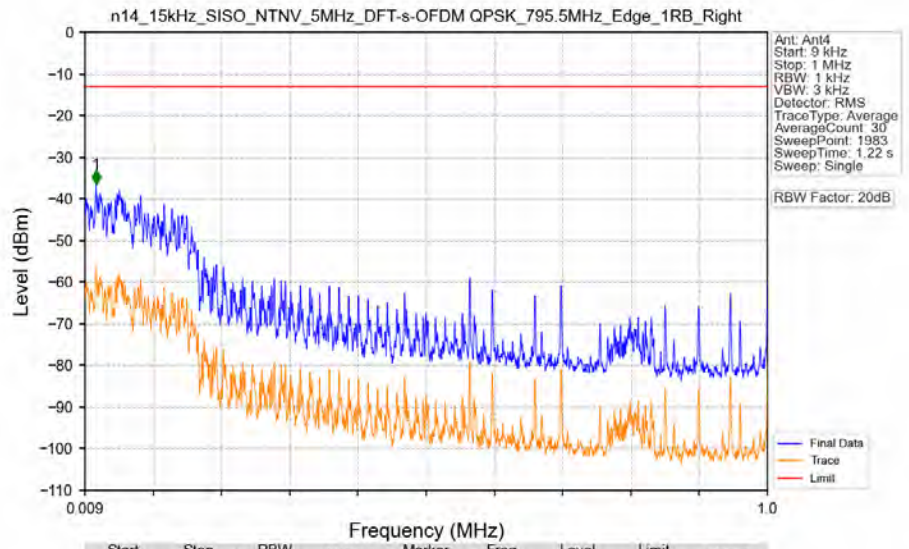
n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_795.5MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.025	-36.42	-13	Pass

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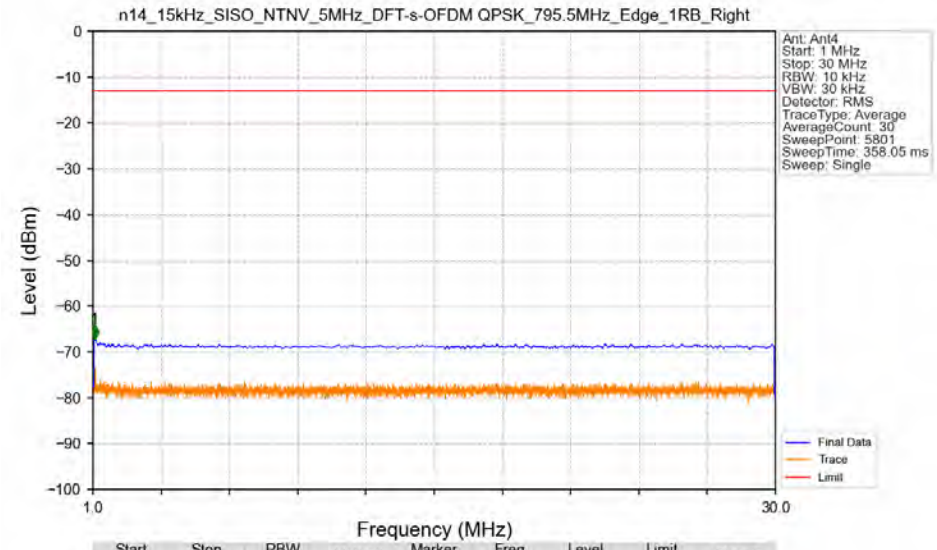

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.070	-67.18	-13	Pass

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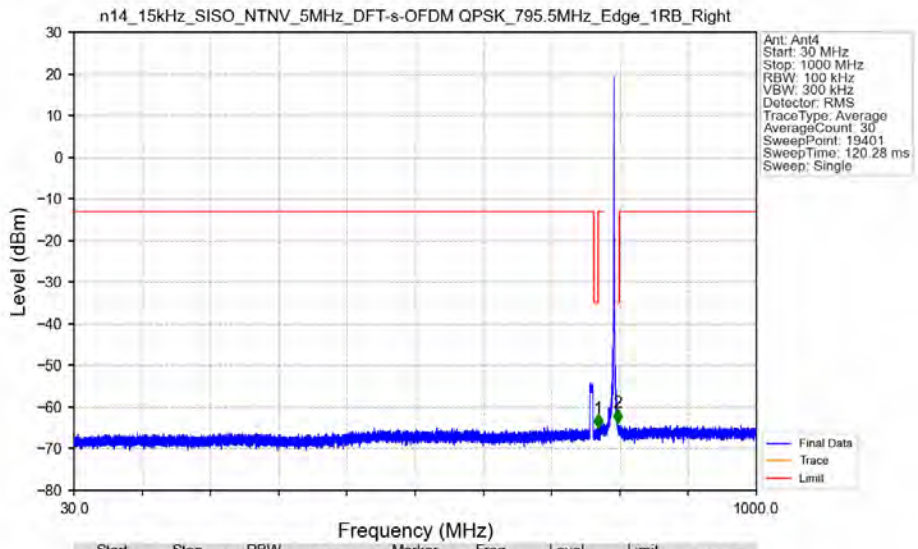

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	774.750	-65.07	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.000	-63.83	-35	Pass

n14_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_795.5MHz_Edge_1RB_Right

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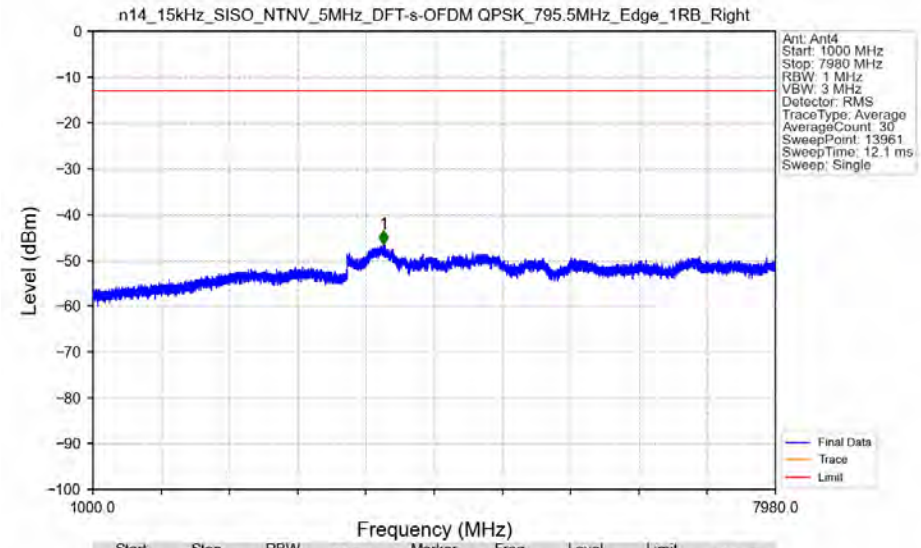

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3973.500	-46.48	-13	Pass

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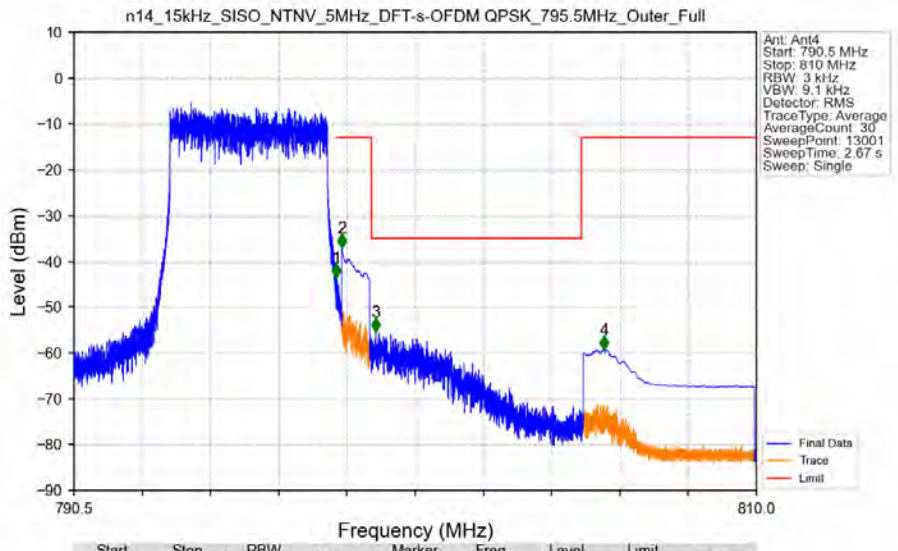

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.001	-43.69	-13	Pass
798.1	799	0.1	CHP	2	798.152	-37.13	-13	Pass
799	805	0.003	/	3	799.128	-55.40	-35	Pass
805	810	0.1	CHP	4	805.653	-59.27	-13	Pass

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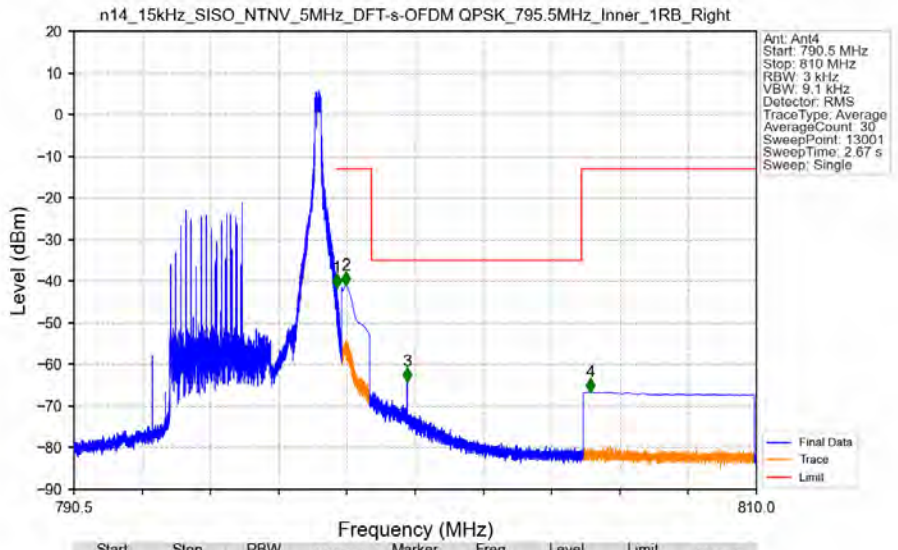

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.009	-41.63	-13	Pass
798.1	799	0.1	CHP	2	798.270	-41.03	-13	Pass
799	805	0.003	/	3	800.022	-64.11	-35	Pass
805	810	0.1	CHP	4	805.257	-66.63	-13	Pass

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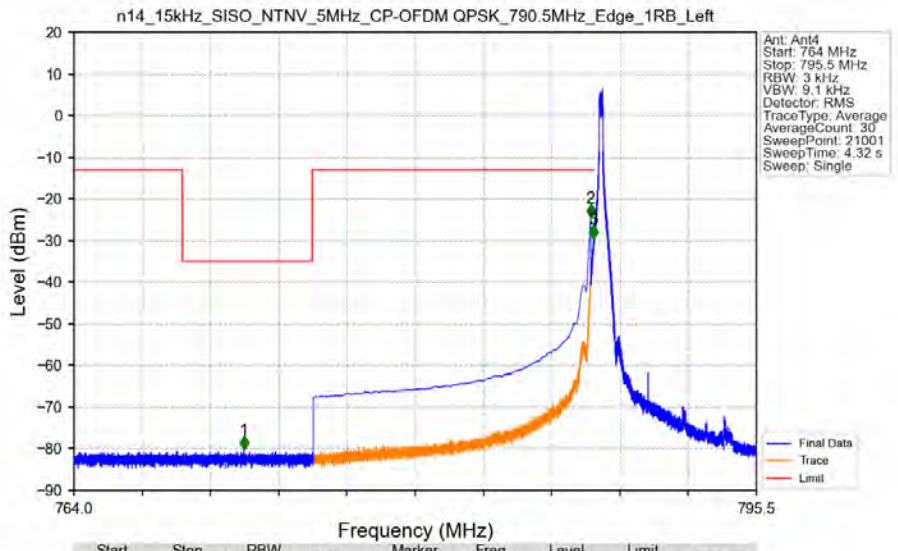

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	771.839	-80.37	-35	Pass
775	787.9	0.1	CHP	2	787.848	-24.58	-13	Pass
787.9	788	0.03	/	3	787.991	-29.73	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Edge_1RB_Left

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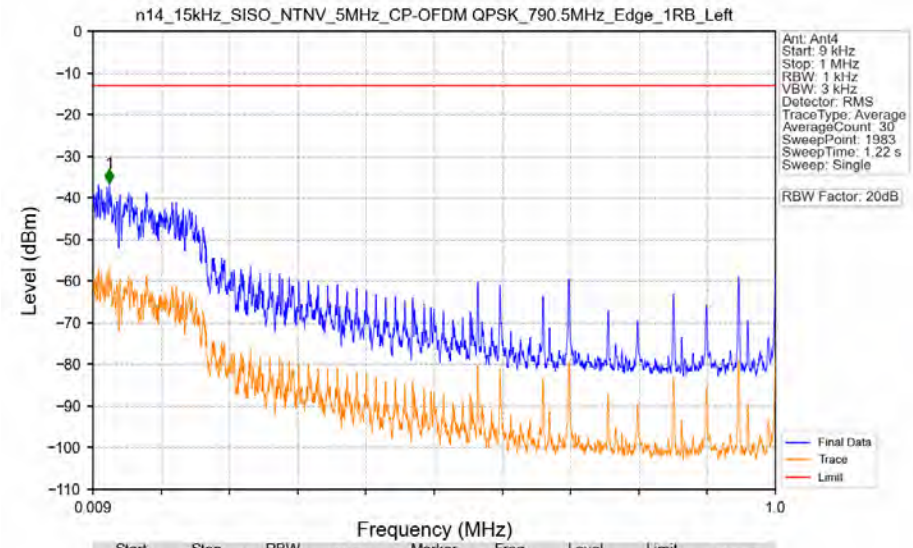

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.033	-36.51	-13	Pass

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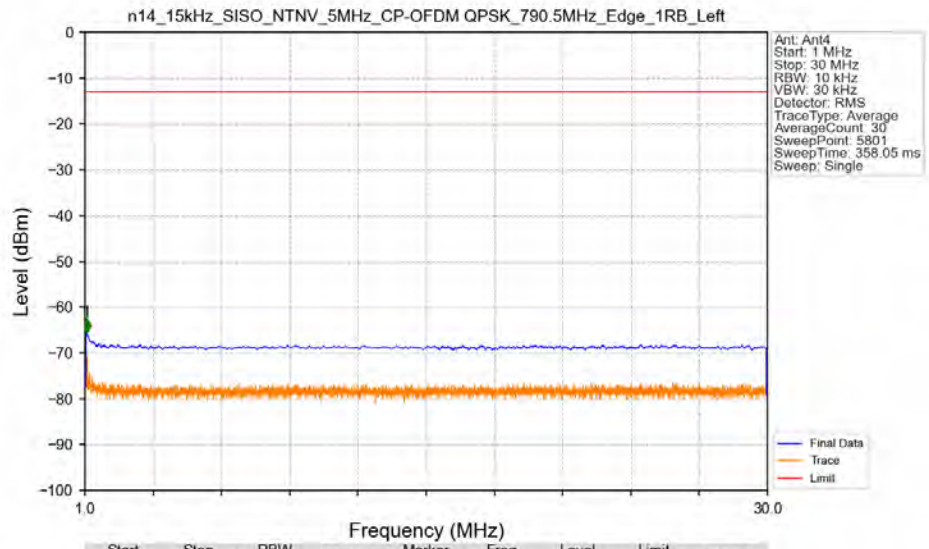

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.065	-65.54	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Edge_1RB_Left

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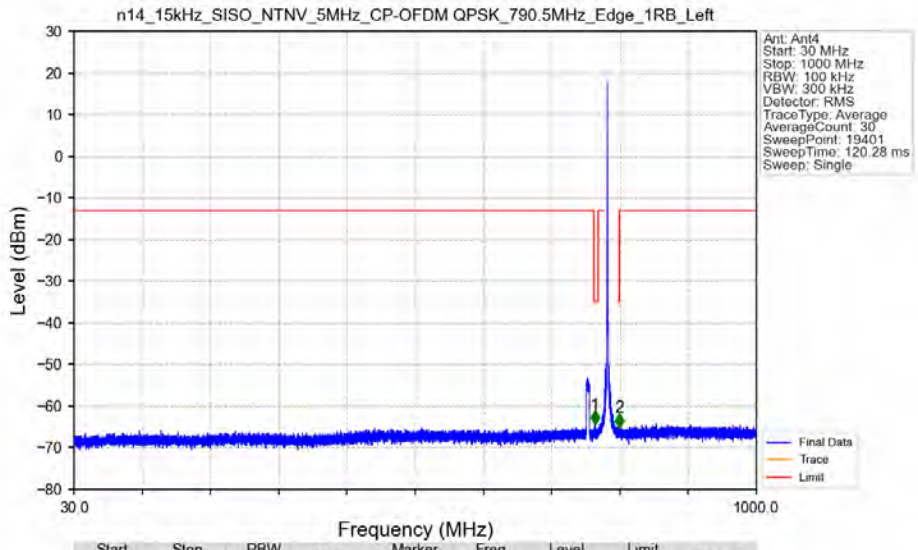

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	770.700	-64.46	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	804.850	-65.16	-35	Pass

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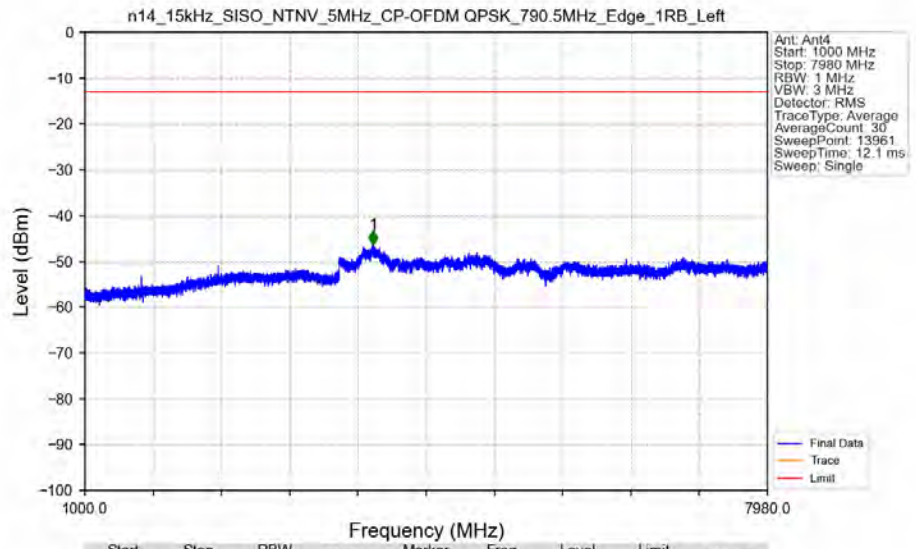
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3947.500	-46.38	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_790.5MHz_Outer_Full

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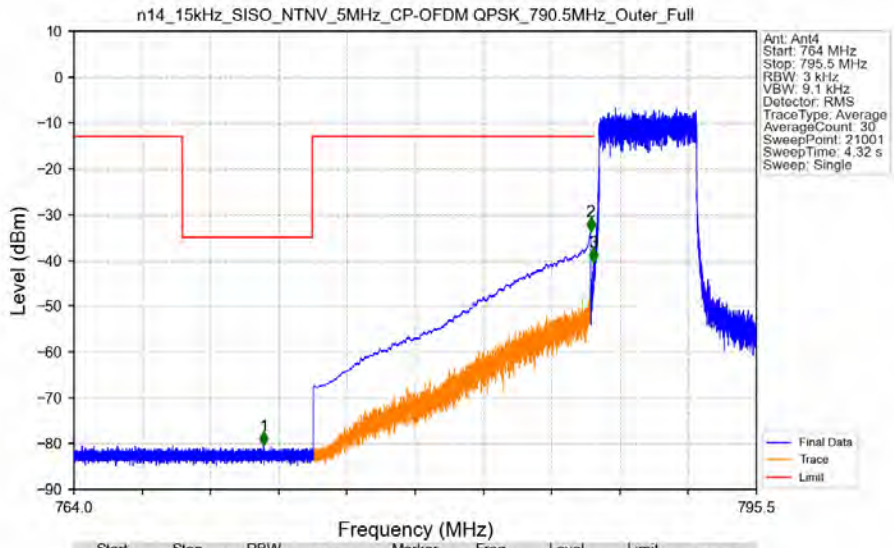

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	772.753	-80.55	-35	Pass
775	787.9	0.1	CHP	2	787.848	-33.70	-13	Pass
787.9	788	0.03	/	3	787.990	-40.46	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

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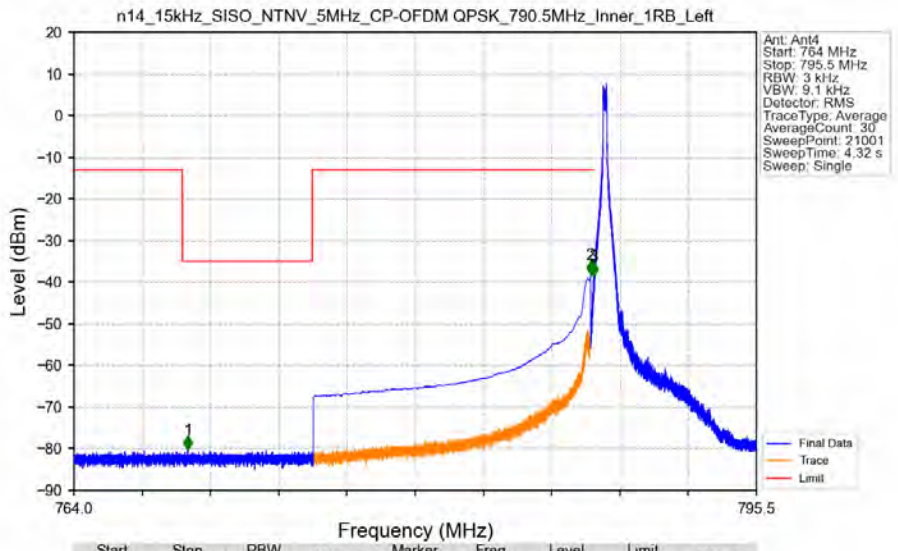

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	769.259	-80.33	-35	Pass
775	787.9	0.1	CHP	2	787.848	-38.28	-13	Pass
787.9	788	0.03	/	3	787.990	-38.67	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left

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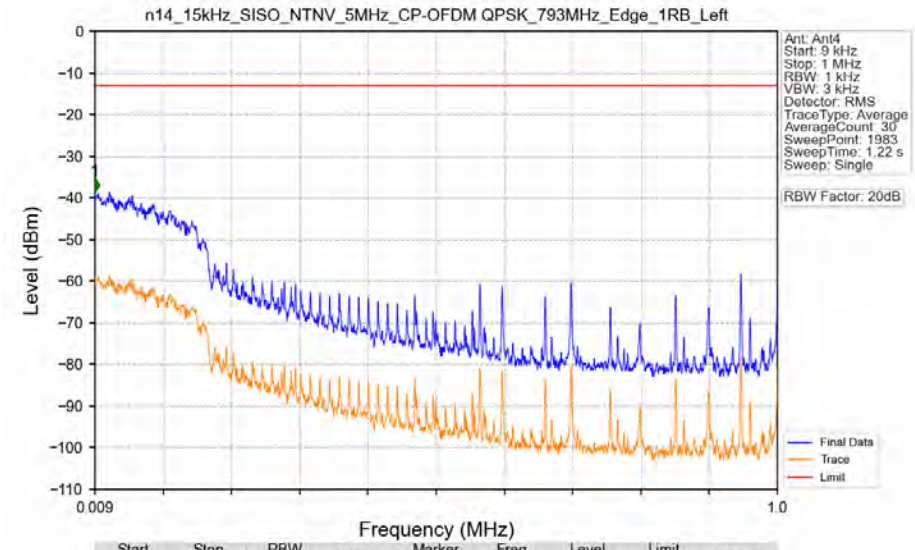

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.009	-38.54	-13	Pass

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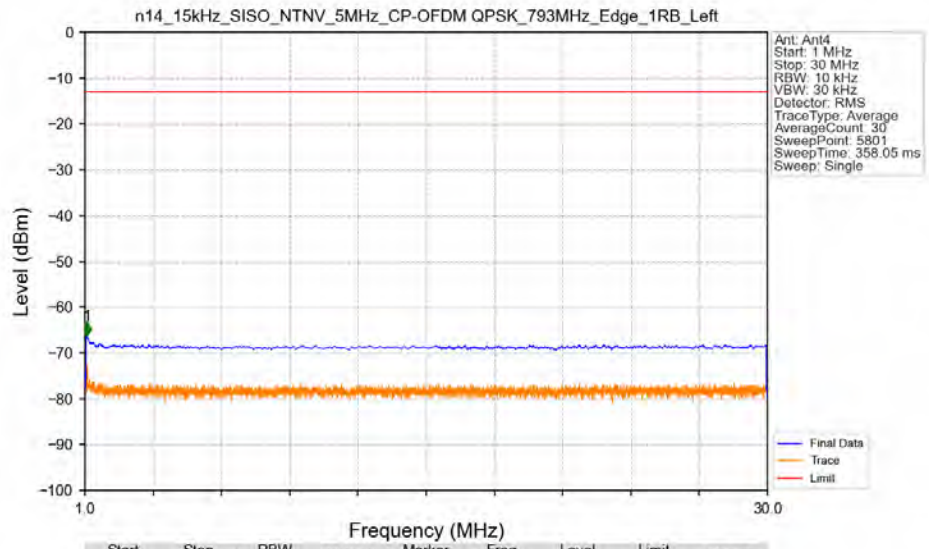

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.075	-66.36	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left

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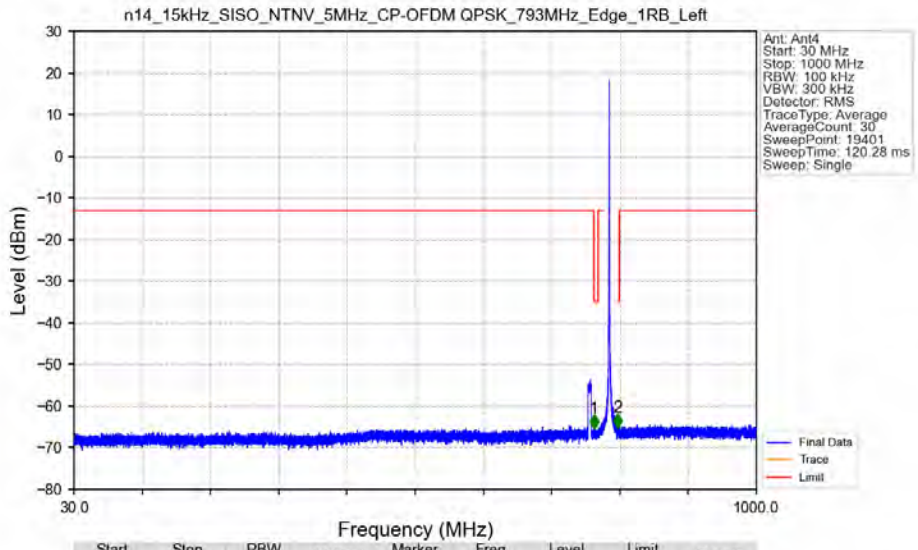

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	769.600	-65.38	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.300	-65.17	-35	Pass

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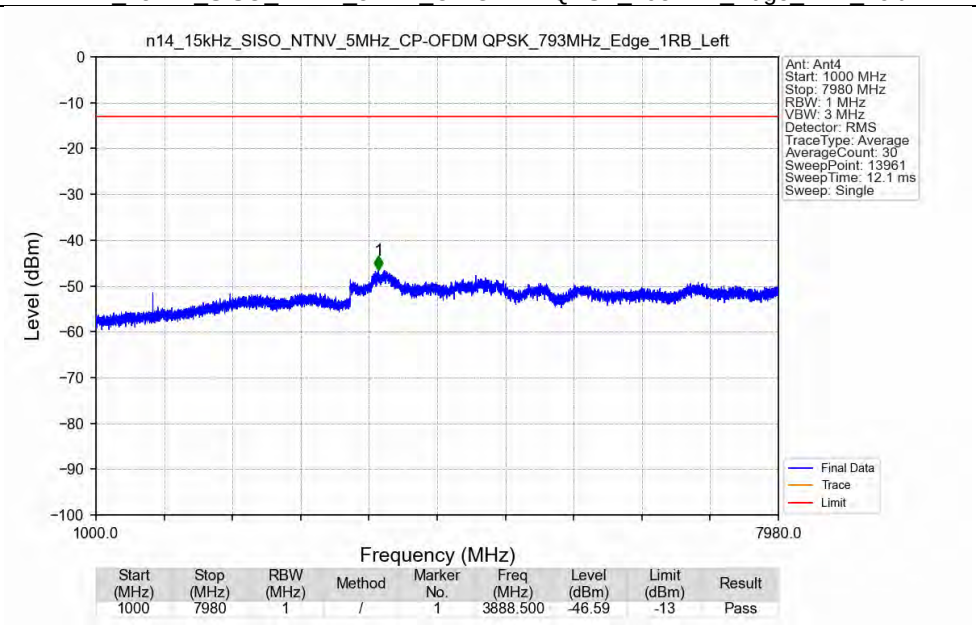

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3888.500	-46.59	-13	Pass

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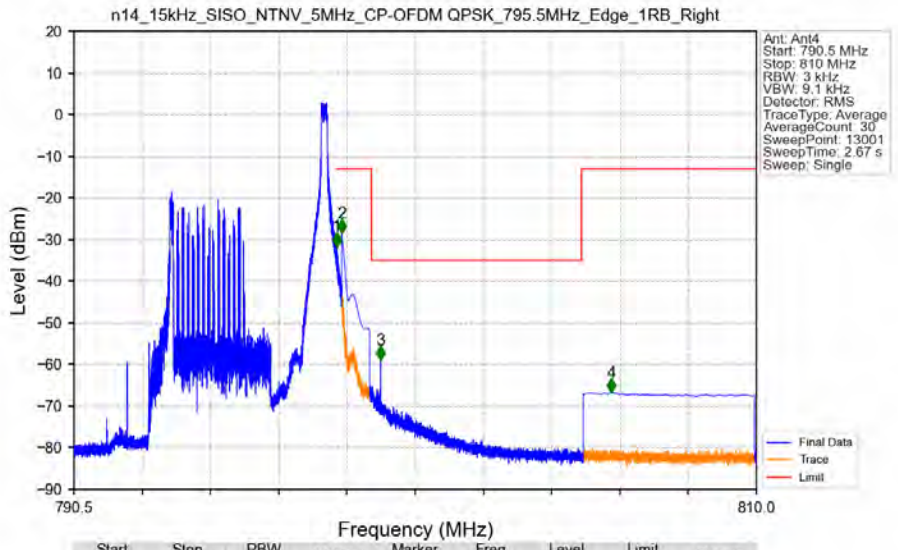

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.009	-31.73	-13	Pass
798.1	799	0.1	CHP	2	798.152	-28.45	-13	Pass
799	805	0.003	/	3	799.266	-58.93	-35	Pass
805	810	0.1	CHP	4	805.860	-66.76	-13	Pass

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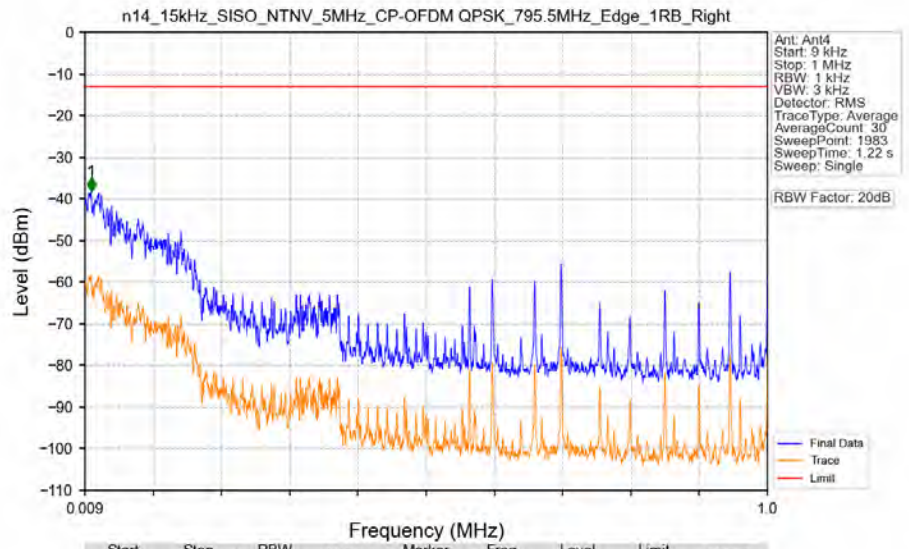

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.018	-38.30	-13	Pass

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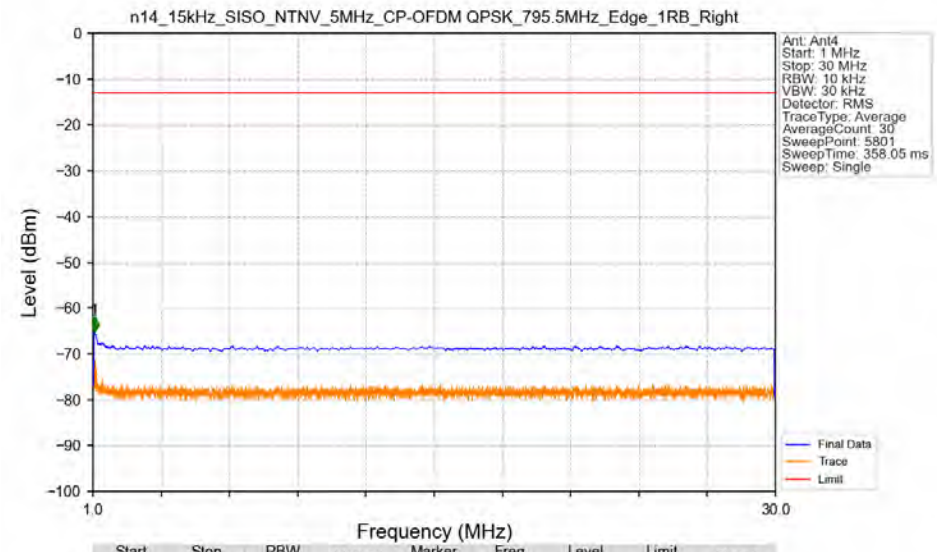

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.055	-65.00	-13	Pass

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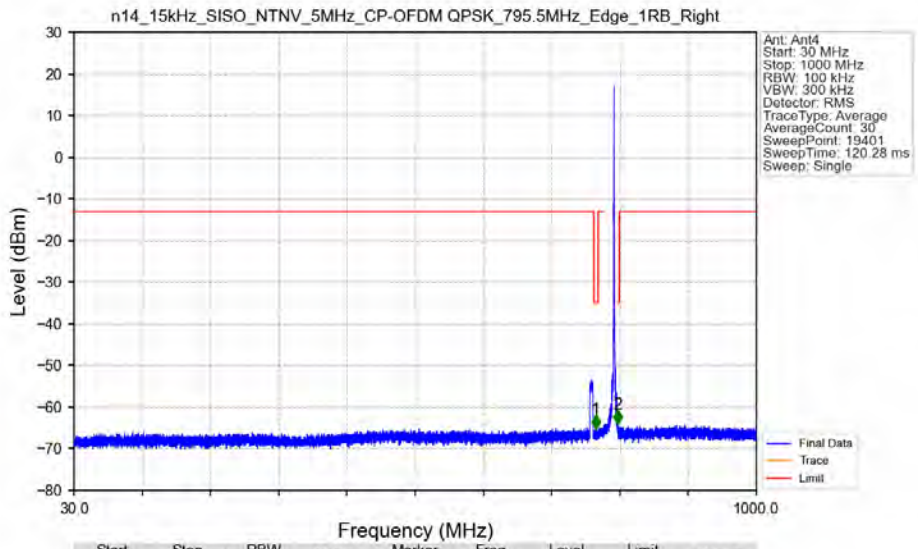
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	771.450	-65.30	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.100	-64.13	-35	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Edge_1RB_Right

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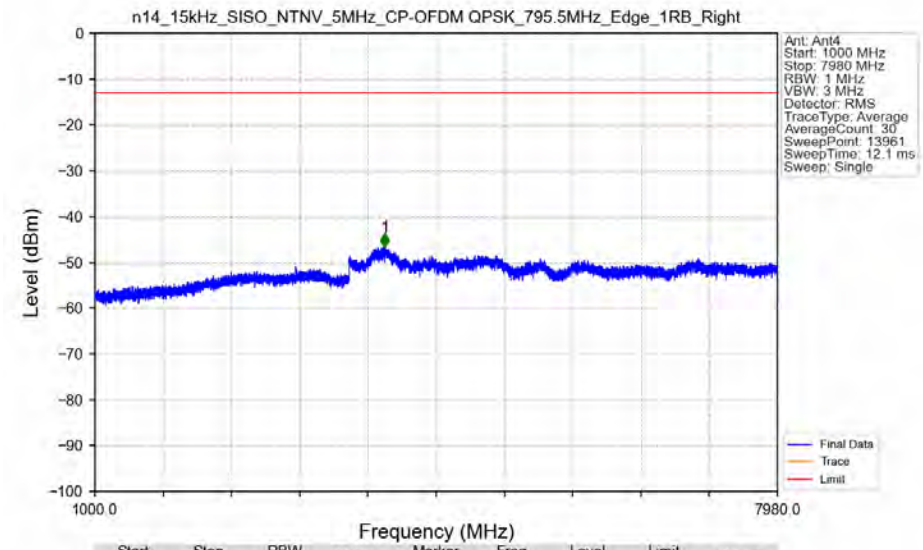

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3963.500	-46.69	-13	Pass

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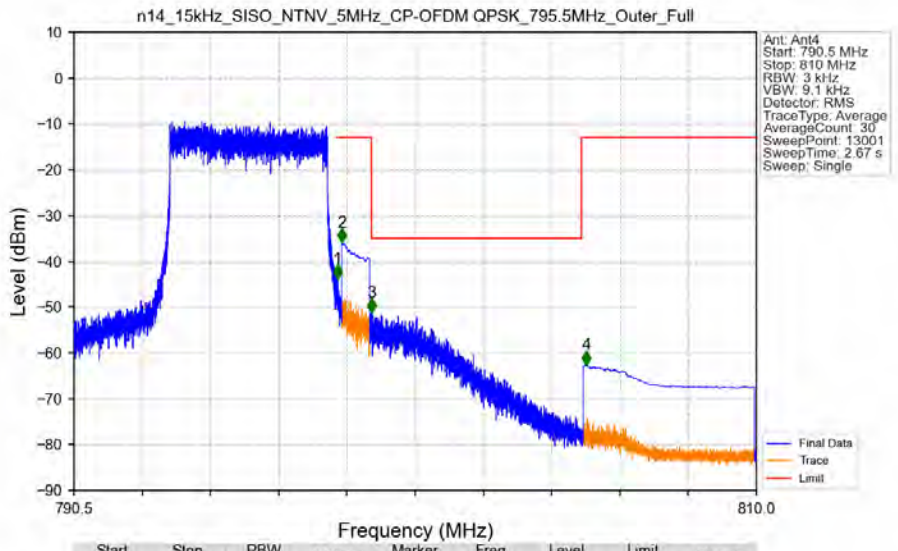
n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.033	-43.85	-13	Pass
798.1	799	0.1	CHP	2	798.158	-35.93	-13	Pass
799	805	0.003	/	3	799.004	-51.26	-35	Pass
805	810	0.1	CHP	4	805.140	-62.59	-13	Pass

n14_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_795.5MHz_Inner_1RB_Right

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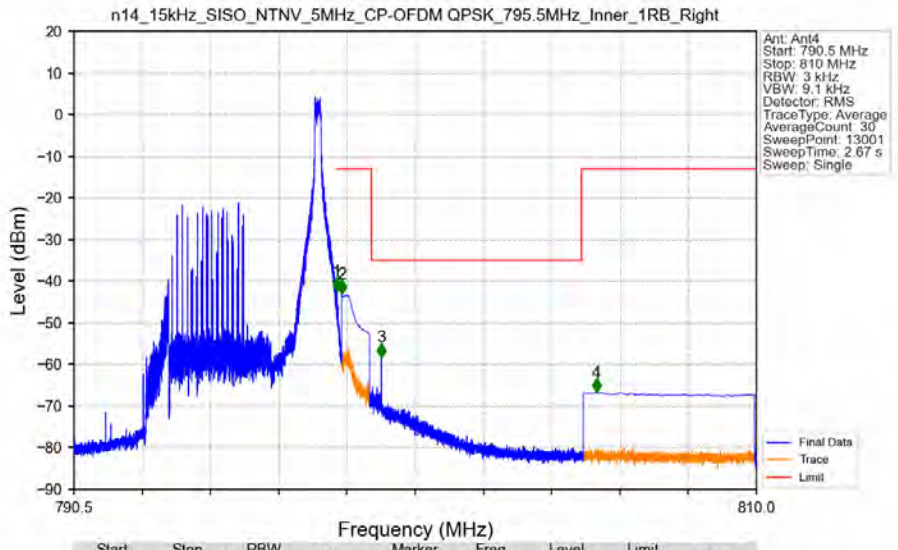

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.009	-42.56	-13	Pass
798.1	799	0.1	CHP	2	798.152	-43.12	-13	Pass
799	805	0.003	/	3	799.287	-58.29	-35	Pass
805	810	0.1	CHP	4	805.436	-66.73	-13	Pass

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5.2 15k_SISO_10MHz_NTNV

5.2.1 Test Result

5G NR n14 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant4	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
	793	Edge_1RB_Left	Refer To Test Graph				Pass
	793	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	793	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
	793	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-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
	793	Edge_1RB_Left	Refer To Test Graph				Pass
	793	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

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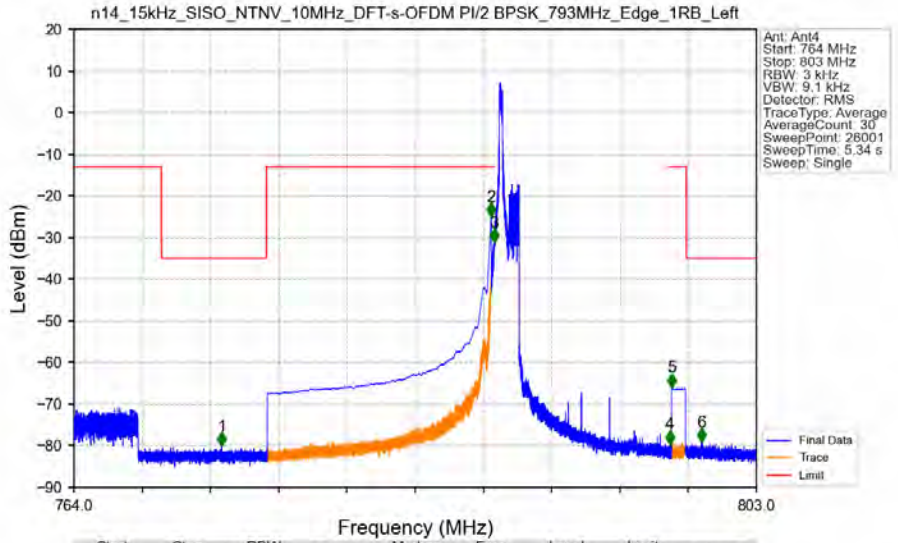
5.2.2 Test Graph

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	772.442	-80.10	-35	Pass
775	787.9	0.1	CHP	2	787.848	-25.08	-13	Pass
787.9	788	0.03	/	3	787.995	-31.30	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.065	-79.62	-13	Pass
798.1	799	0.1	CHP	5	798.172	-66.04	-13	Pass
799	803	0.003	/	6	799.850	-79.20	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left

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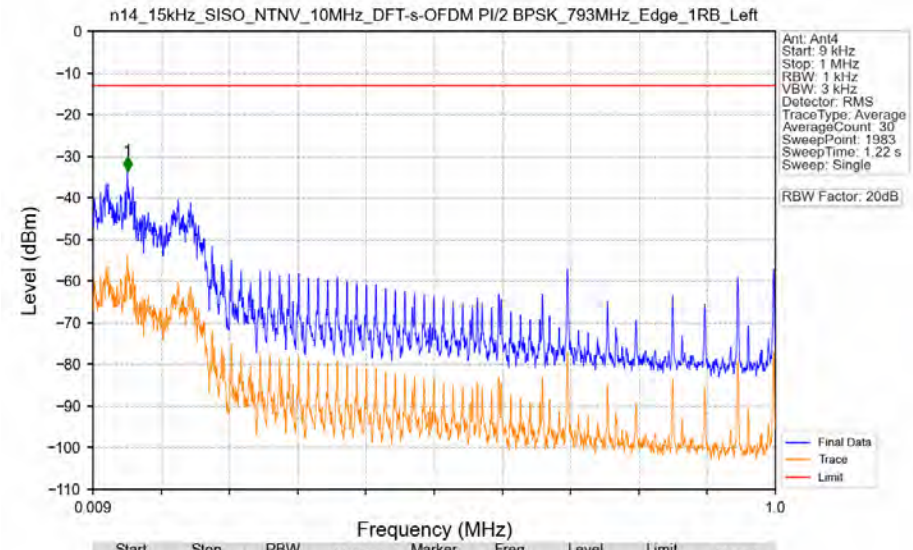

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-33.64	-13	Pass

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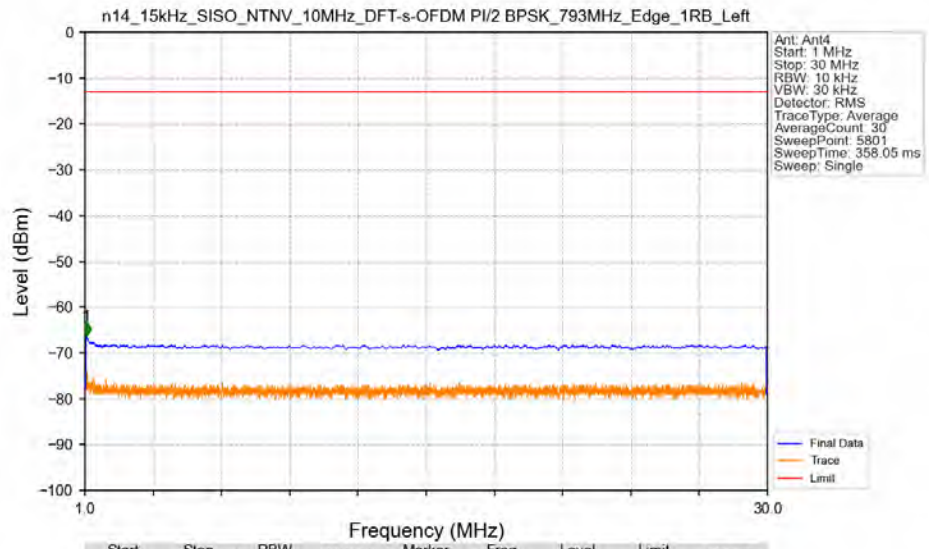

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.065	-66.31	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left

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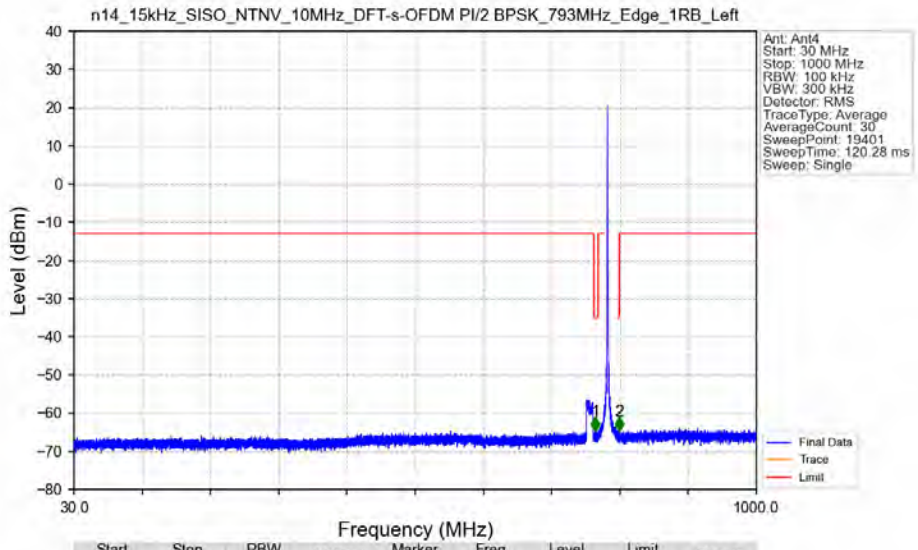

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	770.800	-64.79	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	805.000	-64.85	-35	Pass

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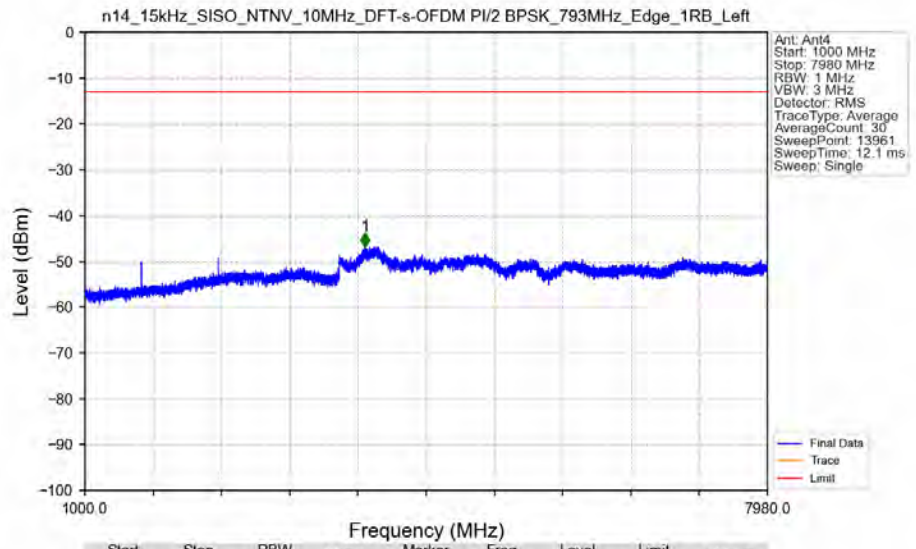

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3863.500	-46.84	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Outer_Full

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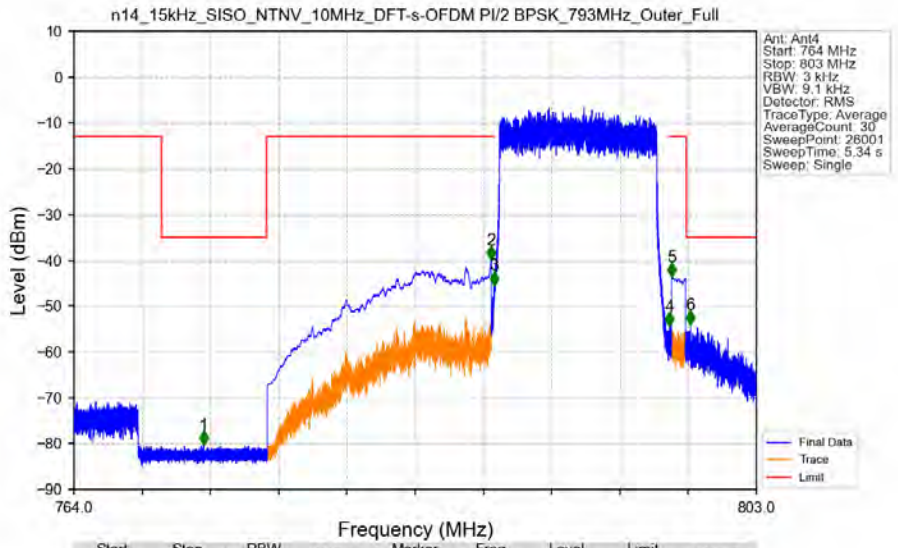

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	771.414	-80.28	-35	Pass
775	787.9	0.1	CHP	2	787.848	-39.97	-13	Pass
787.9	788	0.03	/	3	787.995	-45.49	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.041	-54.39	-13	Pass
798.1	799	0.1	CHP	5	798.161	-43.68	-13	Pass
799	803	0.003	/	6	799.241	-54.06	-35	Pass

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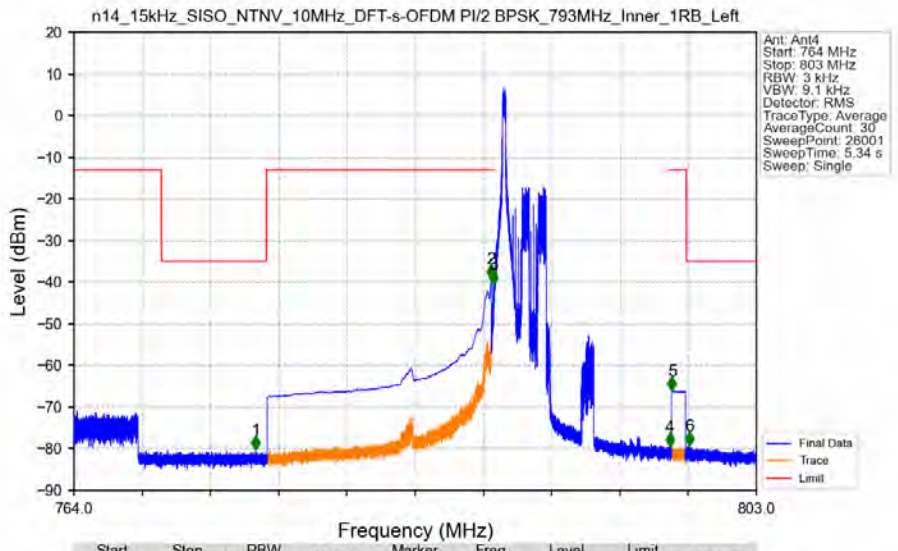
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	774.392	-80.36	-35	Pass
775	787.9	0.1	CHP	2	787.848	-39.24	-13	Pass
787.9	788	0.03	/	3	787.990	-40.55	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.062	-79.48	-13	Pass
798.1	799	0.1	CHP	5	798.179	-66.12	-13	Pass
799	803	0.003	/	6	799.183	-79.29	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Edge_1RB_Left

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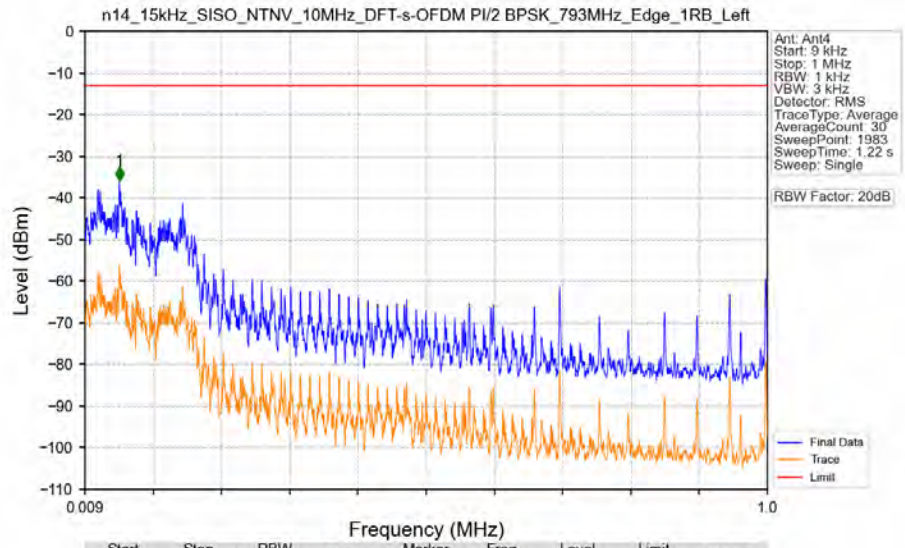

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-35.88	-13	Pass

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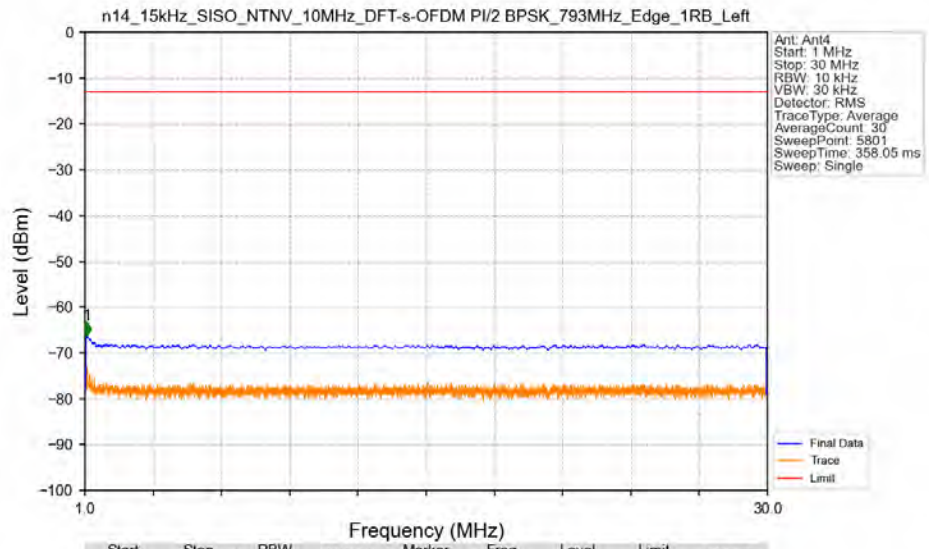

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.085	-66.23	-13	Pass

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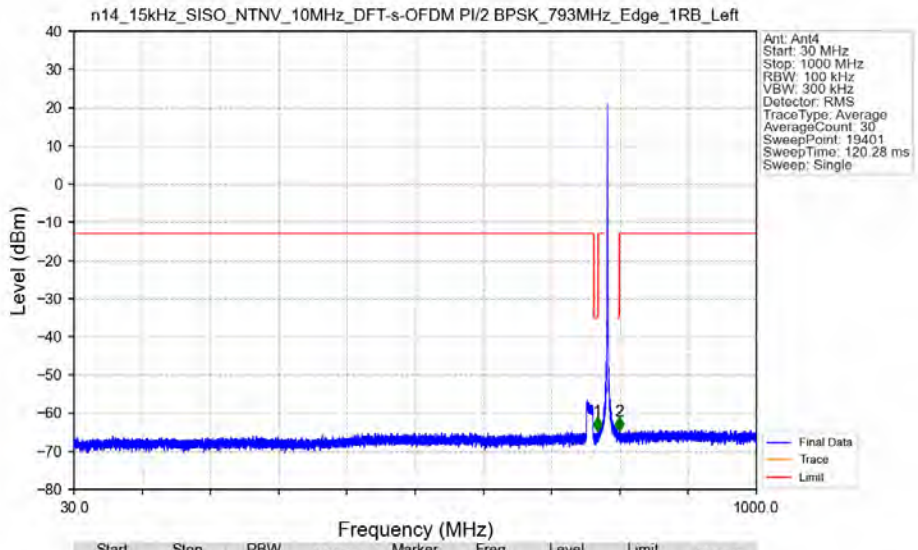

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	773.650	-64.81	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	805.000	-64.73	-35	Pass

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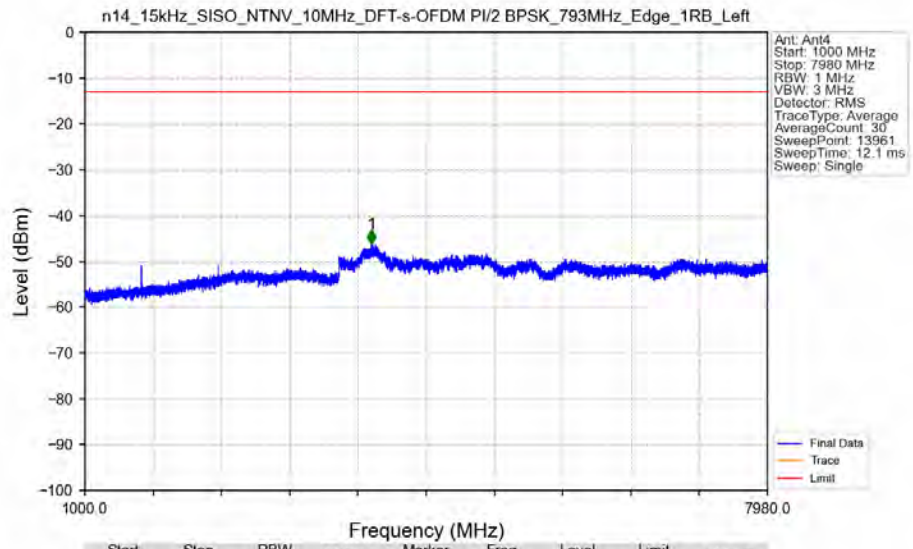

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3930.000	-46.23	-13	Pass

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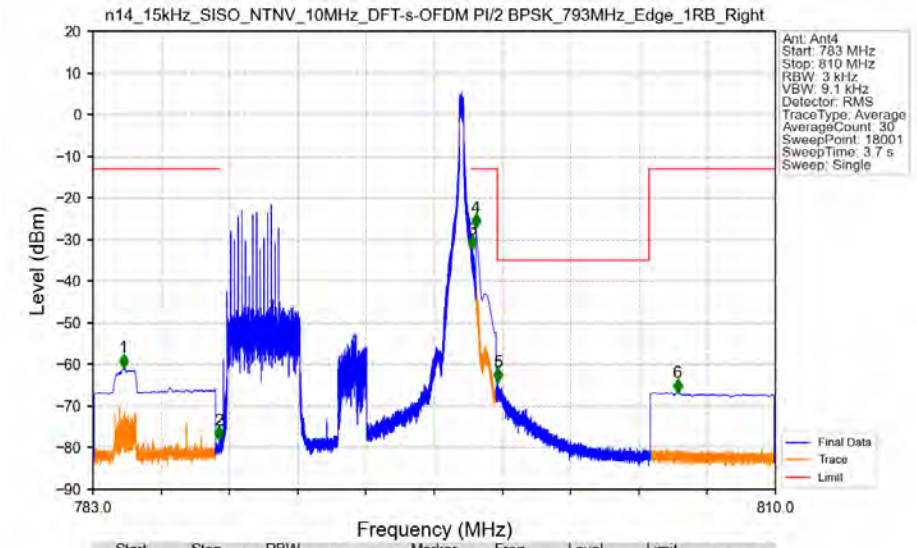

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.212	-60.81	-13	Pass
787.9	788	0.03	/	2	787.994	-78.12	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.006	-32.45	-13	Pass
798.1	799	0.1	CHP	4	798.152	-27.18	-13	Pass
799	805	0.003	/	5	799.008	-64.22	-35	Pass
805	810	0.1	CHP	6	806.124	-66.84	-13	Pass

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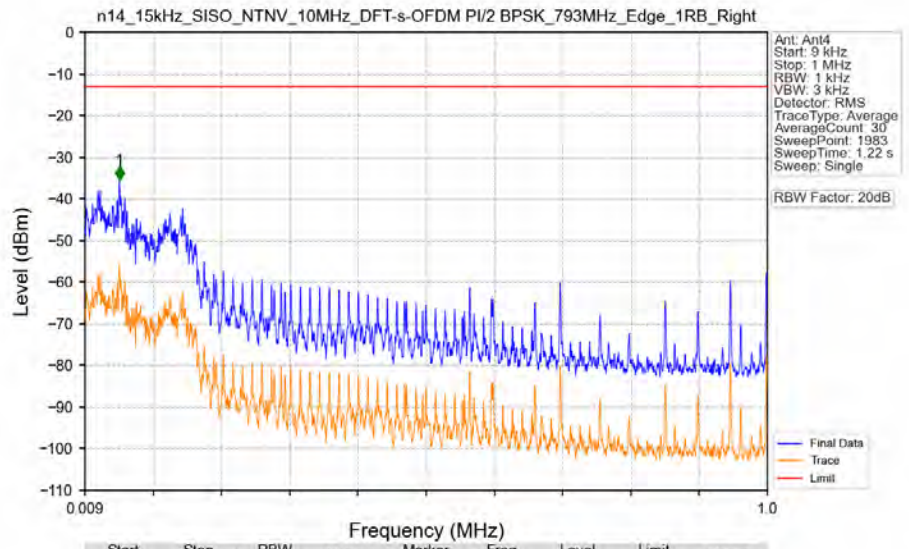

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-35.51	-13	Pass

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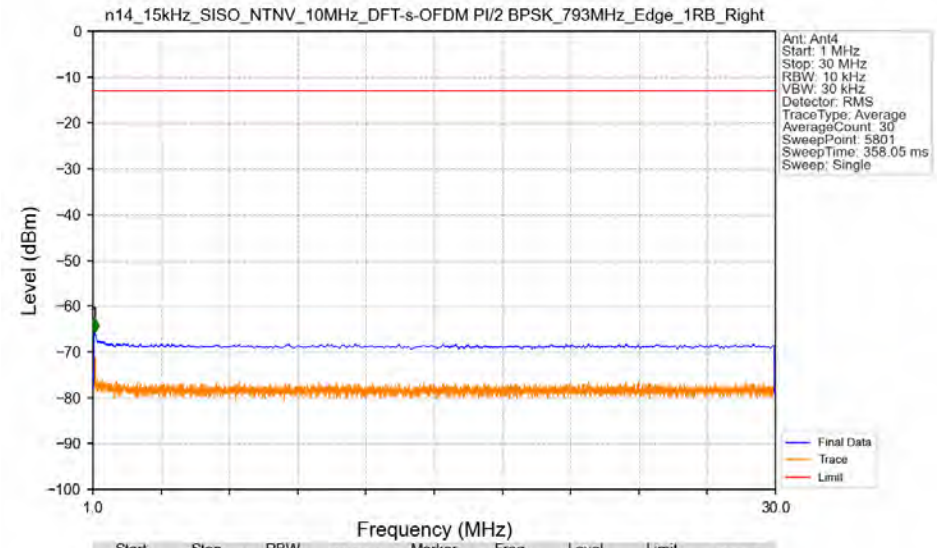

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.070	-65.77	-13	Pass

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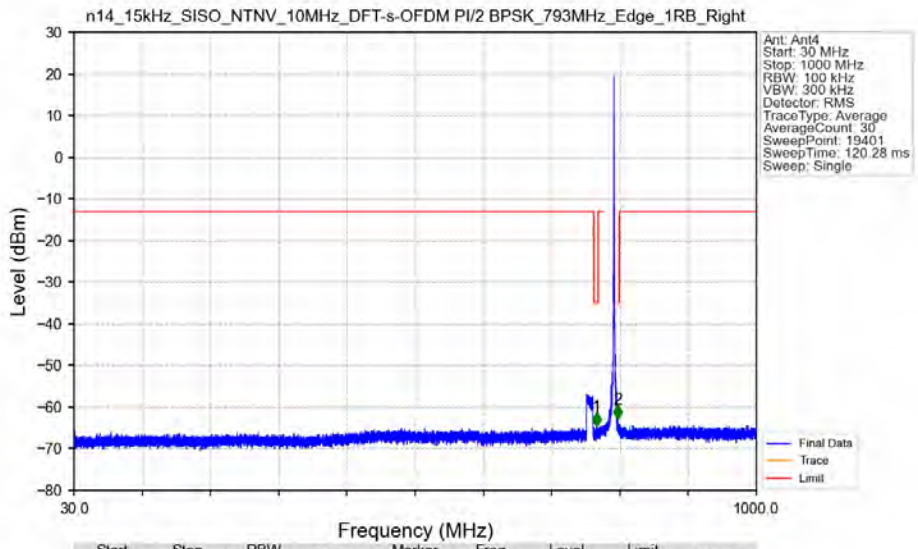

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	772.800	-64.76	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.200	-62.98	-35	Pass

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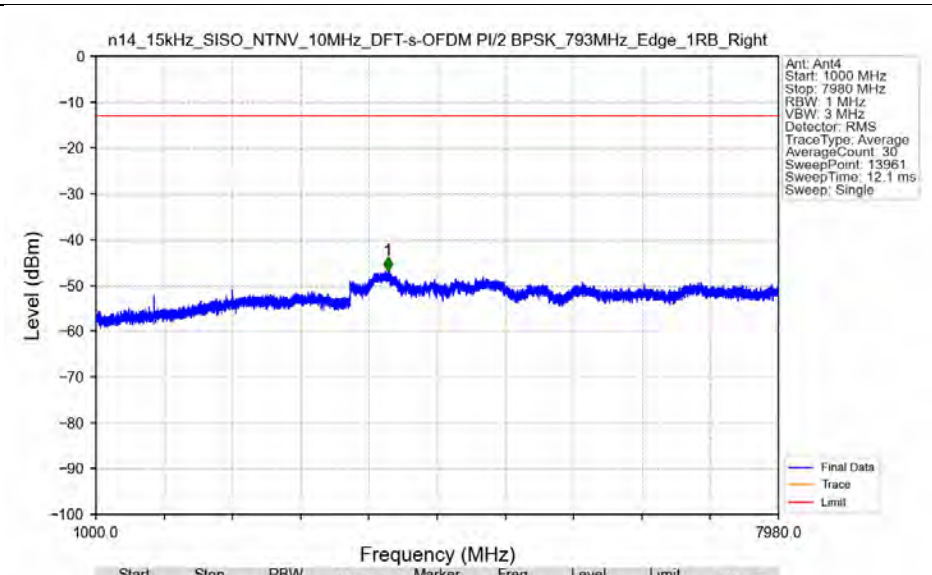

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3985.000	-46.86	-13	Pass

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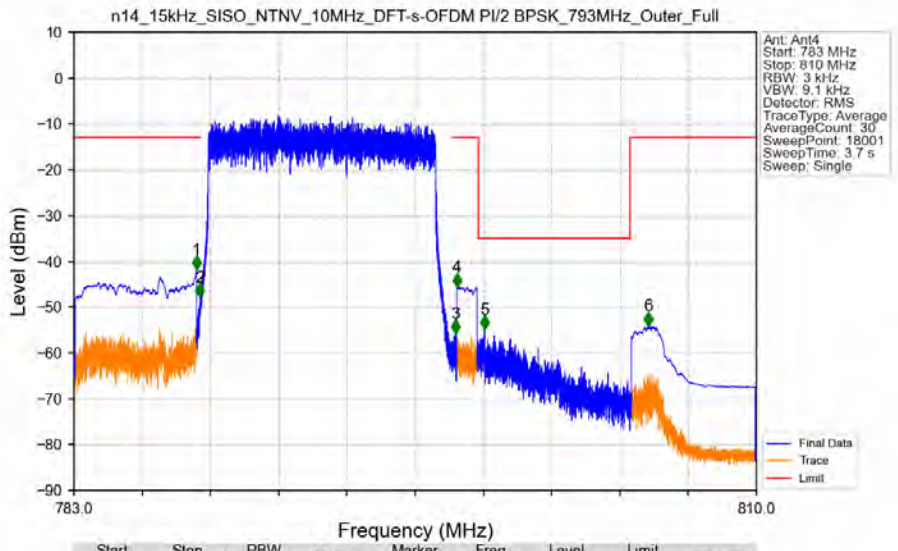

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-41.85	-13	Pass
787.9	788	0.03	/	2	787.994	-47.92	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.099	-55.76	-13	Pass
798.1	799	0.1	CHP	4	798.160	-45.66	-13	Pass
799	805	0.003	/	5	799.242	-54.88	-35	Pass
805	810	0.1	CHP	6	805.736	-54.12	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_793MHz_Inner_1RB_Right

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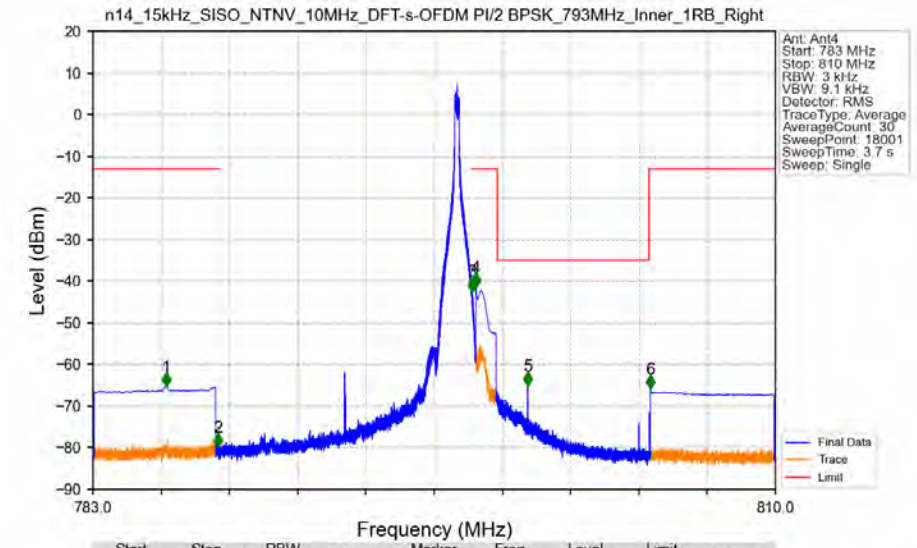

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	785.890	-65.31	-13	Pass
787.9	788	0.03	/	2	787.956	-79.85	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.008	-42.58	-13	Pass
798.1	799	0.1	CHP	4	798.152	-41.46	-13	Pass
799	805	0.003	/	5	800.196	-65.19	-35	Pass
805	810	0.1	CHP	6	805.052	-65.94	-13	Pass

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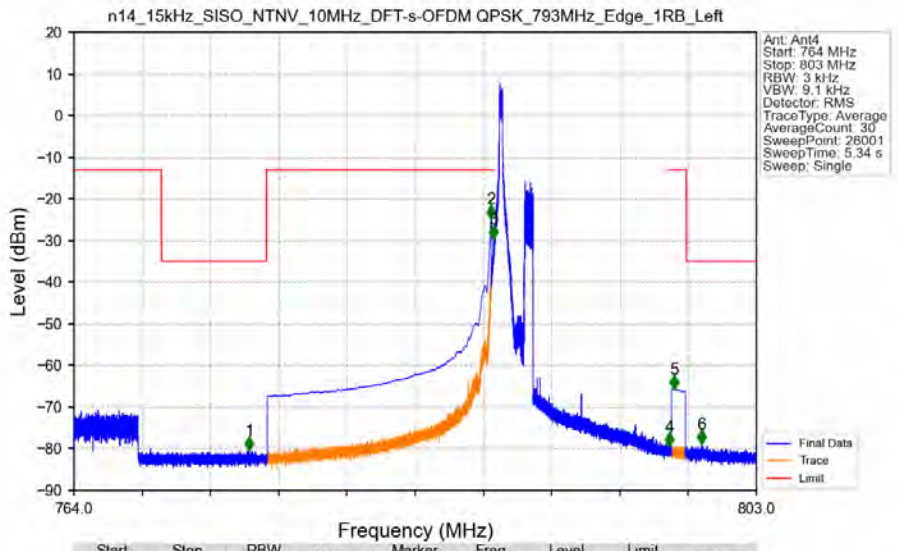

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	774.014	-80.51	-35	Pass
775	787.9	0.1	CHP	2	787.848	-24.78	-13	Pass
787.9	788	0.03	/	3	787.992	-29.74	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.039	-79.50	-13	Pass
798.1	799	0.1	CHP	5	798.283	-65.71	-13	Pass
799	803	0.003	/	6	799.888	-78.94	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left

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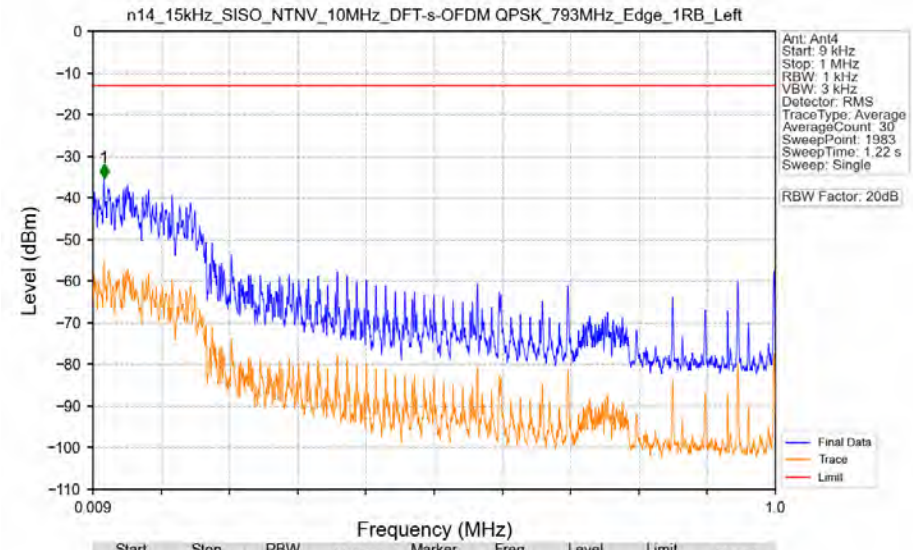

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.025	-35.23	-13	Pass

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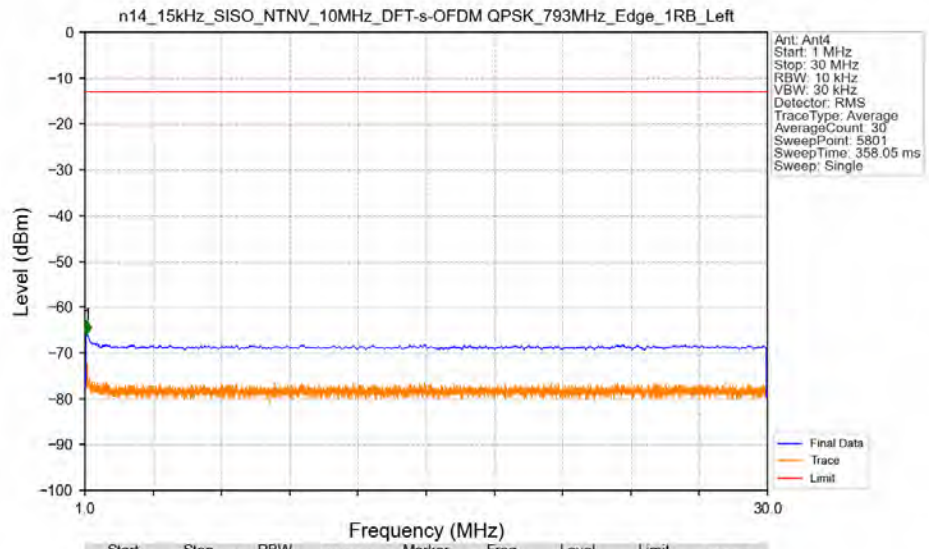

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.085	-65.92	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left

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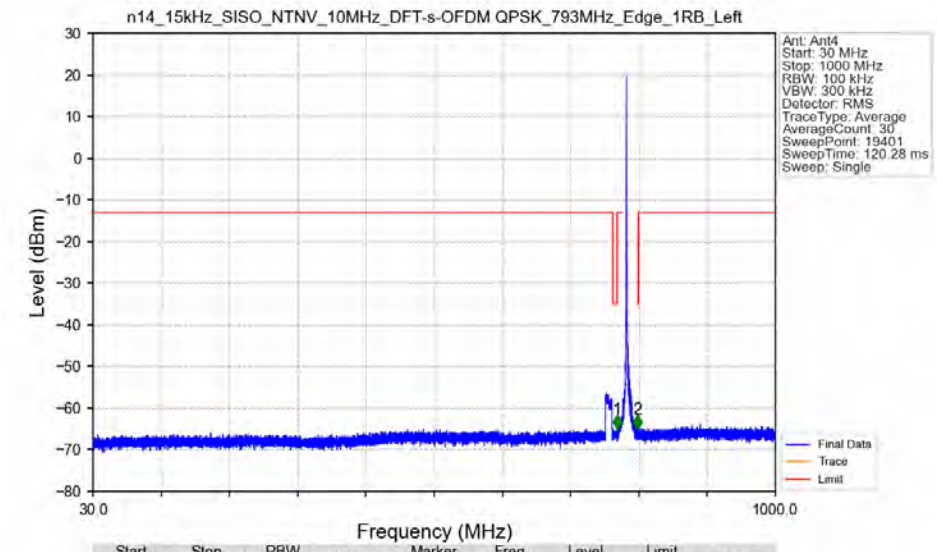

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	774.850	-65.01	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.800	-65.13	-35	Pass

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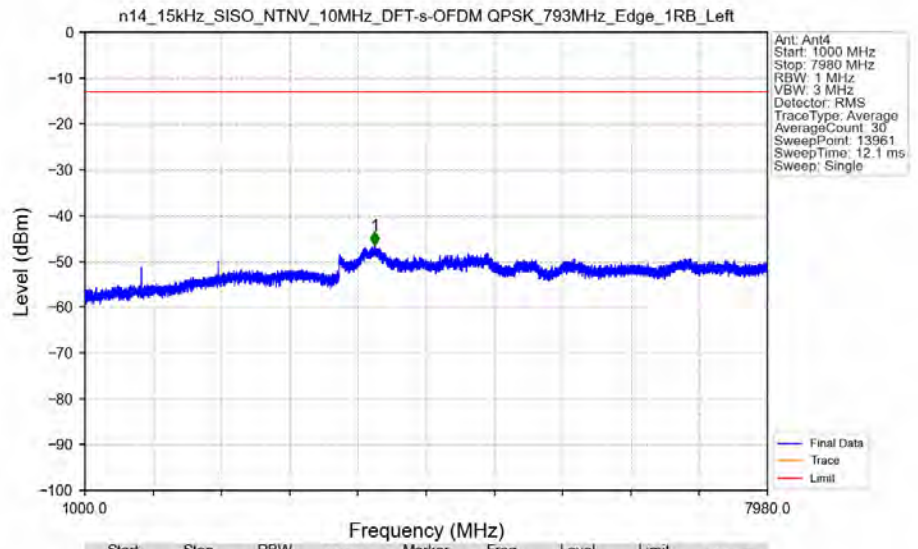

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3963.000	-46.64	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Outer_Full

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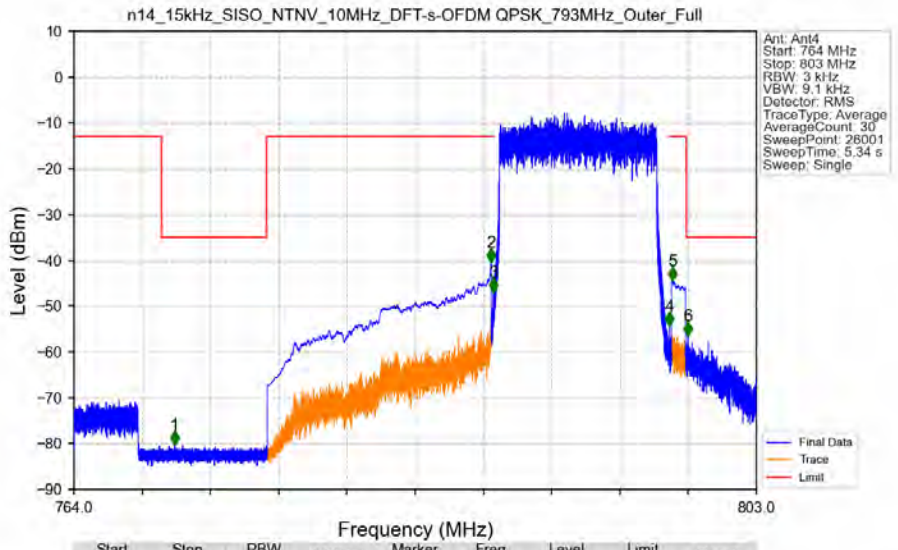

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	769.757	-80.34	-35	Pass
775	787.9	0.1	CHP	2	787.848	-40.45	-13	Pass
787.9	788	0.03	/	3	787.992	-47.05	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.038	-54.39	-13	Pass
798.1	799	0.1	CHP	5	798.216	-44.50	-13	Pass
799	803	0.003	/	6	799.088	-56.44	-35	Pass

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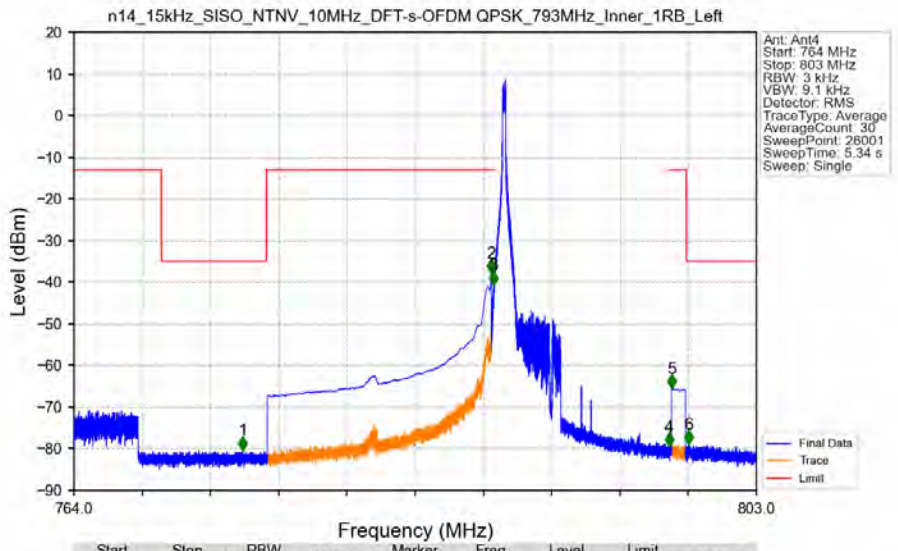

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	773.644	-80.41	-35	Pass
775	787.9	0.1	CHP	2	787.848	-37.82	-13	Pass
787.9	788	0.03	/	3	787.988	-40.76	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.011	-79.51	-13	Pass
798.1	799	0.1	CHP	5	798.150	-65.54	-13	Pass
799	803	0.003	/	6	799.124	-78.95	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left

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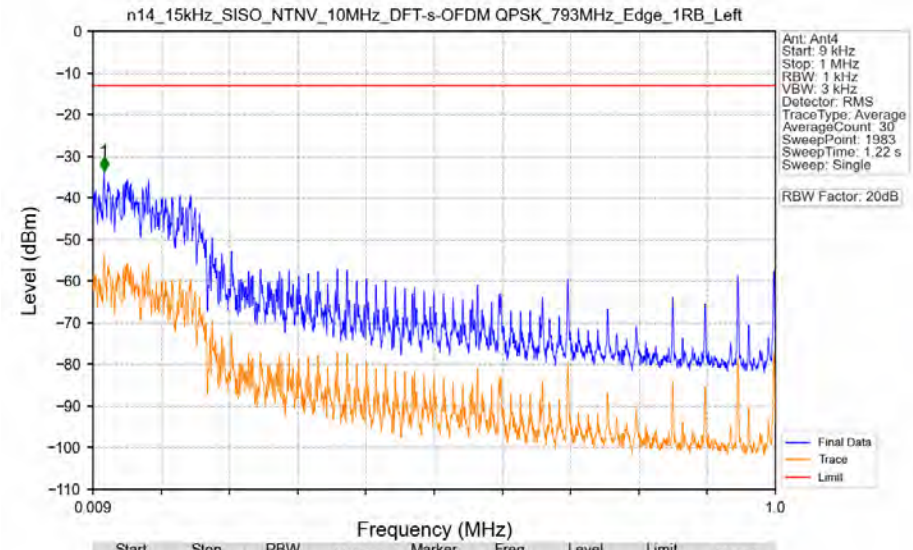

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.025	-33.65	-13	Pass

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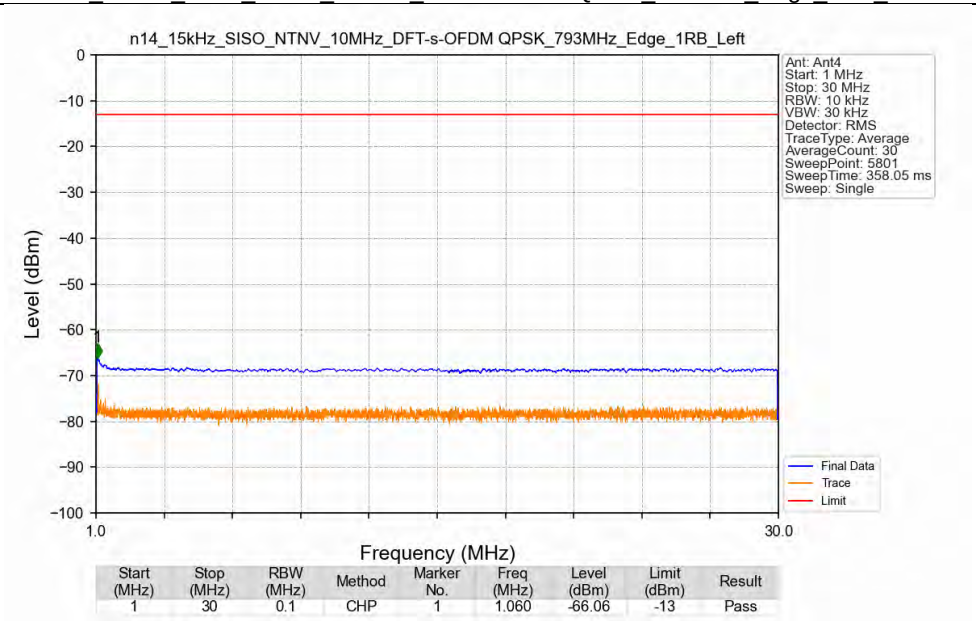

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.060	-66.06	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left

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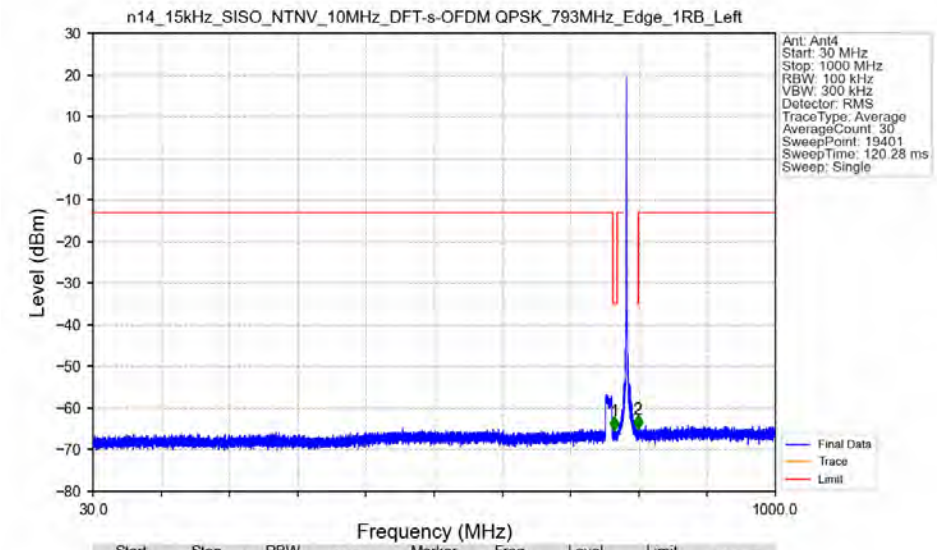

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	770.850	-65.43	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	804.650	-65.15	-35	Pass

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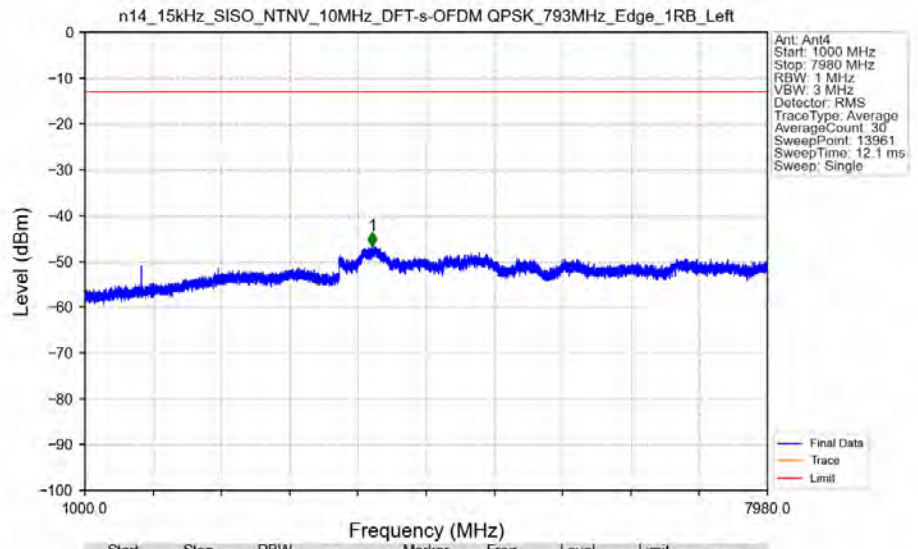
n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3939.500	-46.67	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Right

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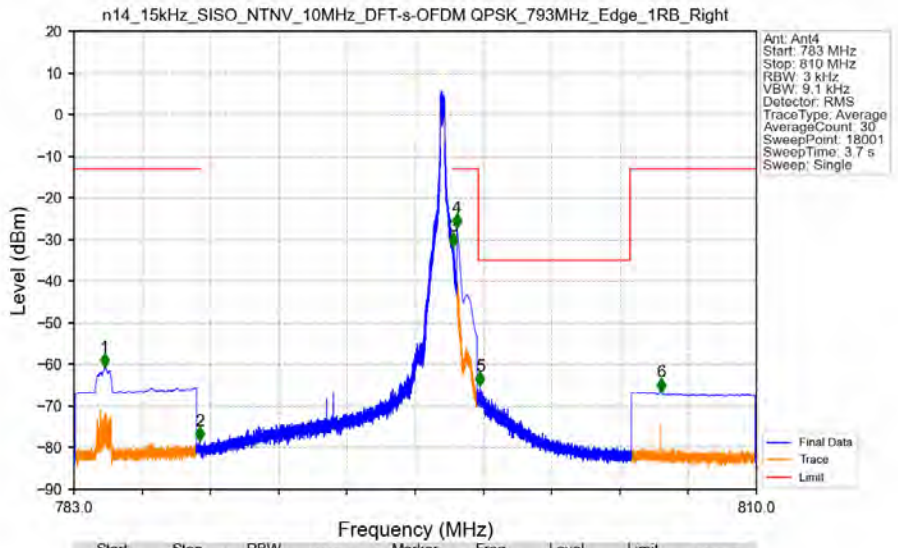

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.209	-60.79	-13	Pass
787.9	788	0.03	/	2	787.970	-78.34	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.009	-31.70	-13	Pass
798.1	799	0.1	CHP	4	798.152	-27.08	-13	Pass
799	805	0.003	/	5	799.068	-65.23	-35	Pass
805	810	0.1	CHP	6	806.240	-66.64	-13	Pass

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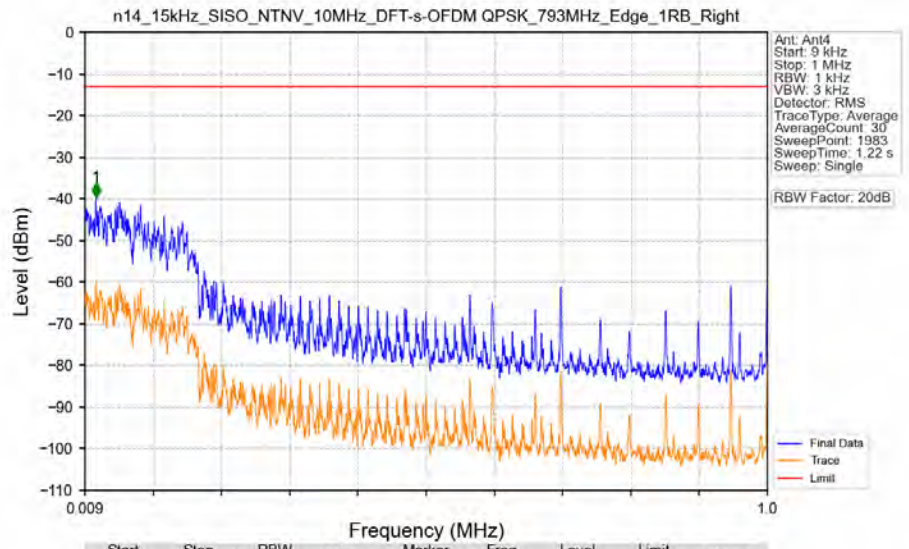

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.025	-39.56	-13	Pass

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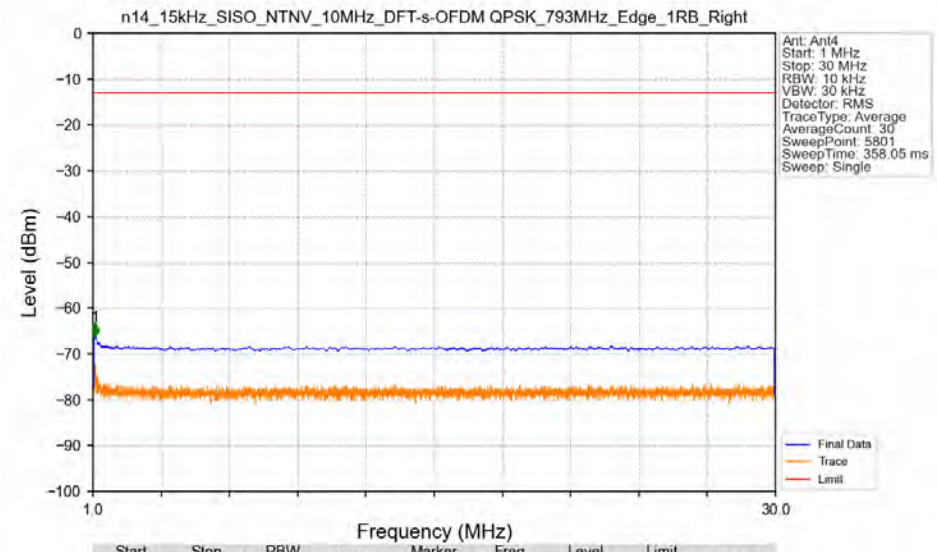

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.085	-66.26	-13	Pass

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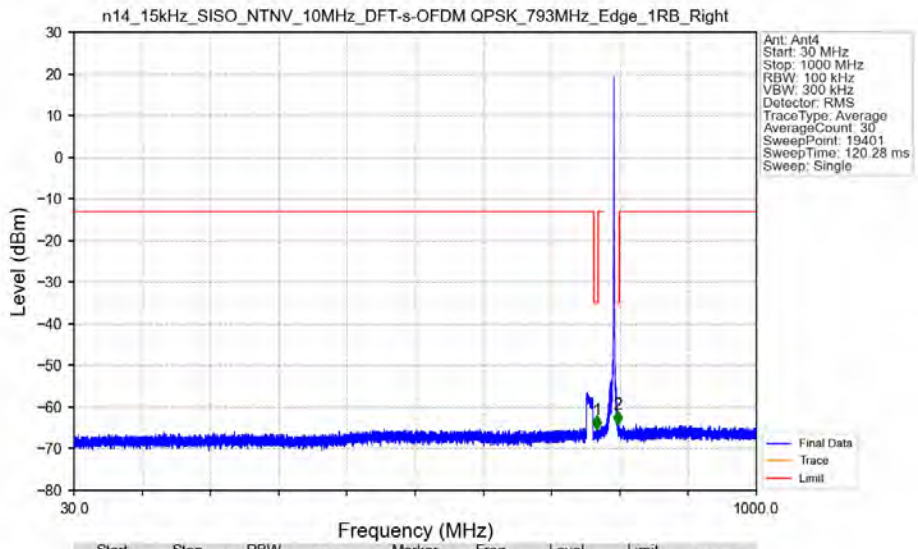

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	773.350	-65.44	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.050	-64.22	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_793MHz_Edge_1RB_Right

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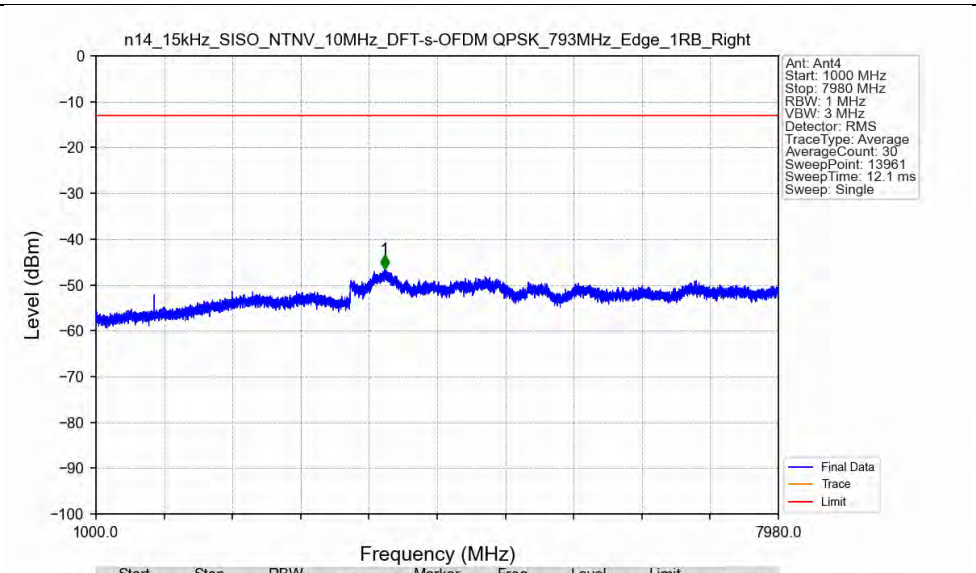

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3953.000	-46.54	-13	Pass

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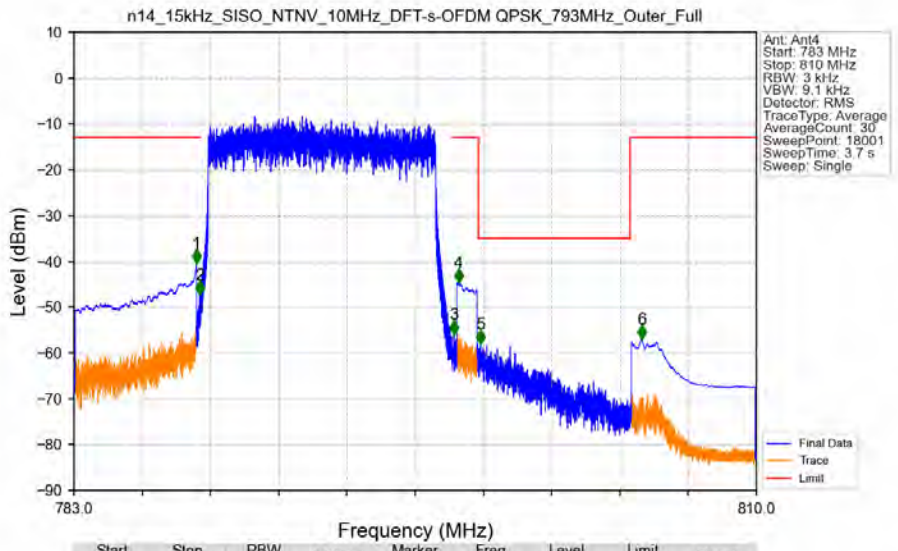

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.850	-40.44	-13	Pass
787.9	788	0.03	/	2	787.994	-47.33	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.038	-55.94	-13	Pass
798.1	799	0.1	CHP	4	798.217	-44.66	-13	Pass
799	805	0.003	/	5	799.087	-58.14	-35	Pass
805	810	0.1	CHP	6	805.466	-57.06	-13	Pass

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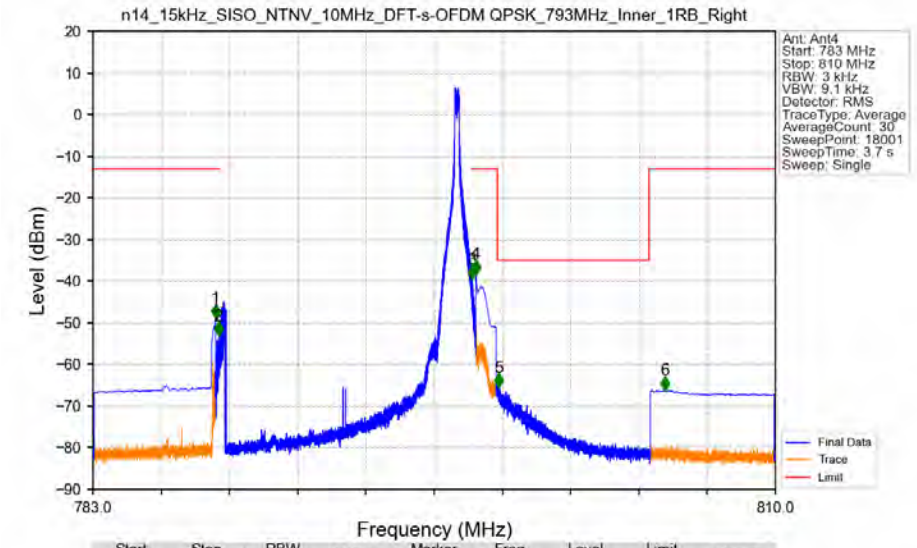

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.848	-48.85	-13	Pass
787.9	788	0.03	/	2	787.968	-53.17	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.010	-39.57	-13	Pass
798.1	799	0.1	CHP	4	798.152	-38.33	-13	Pass
799	805	0.003	/	5	799.062	-65.65	-35	Pass
805	810	0.1	CHP	6	805.626	-66.25	-13	Pass

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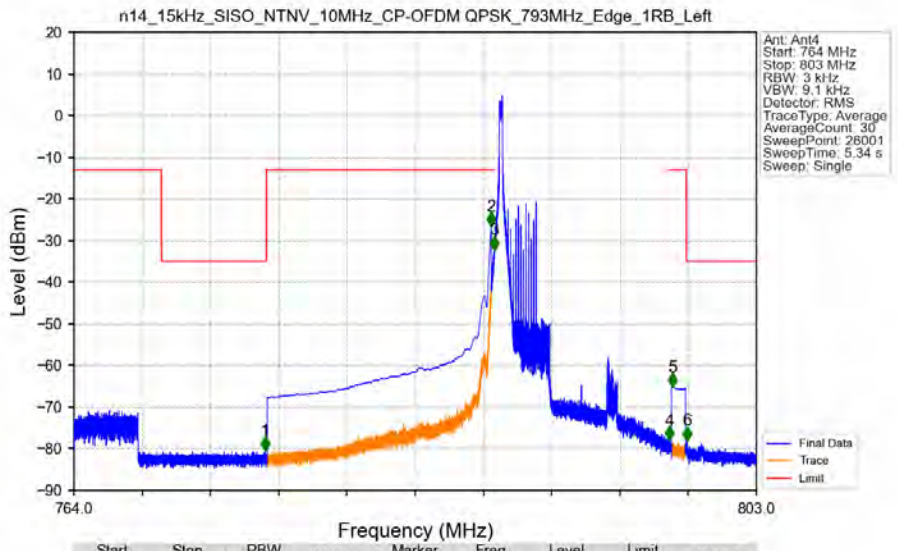
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	774.917	-80.58	-35	Pass
775	787.9	0.1	CHP	2	787.848	-26.59	-13	Pass
787.9	788	0.03	/	3	787.997	-32.30	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.038	-77.92	-13	Pass
798.1	799	0.1	CHP	5	798.198	-65.11	-13	Pass
799	803	0.003	/	6	799.028	-78.10	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left

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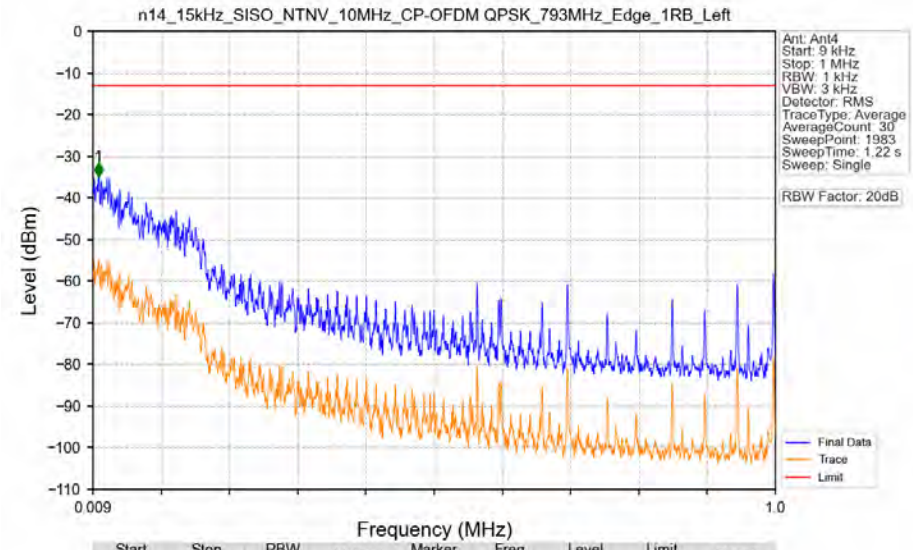

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.017	-34.89	-13	Pass

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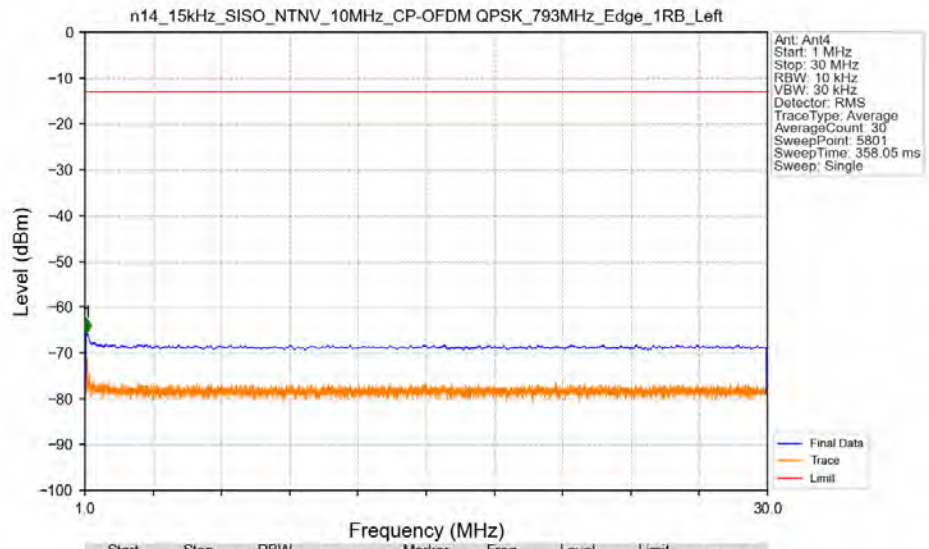

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.075	-65.55	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left

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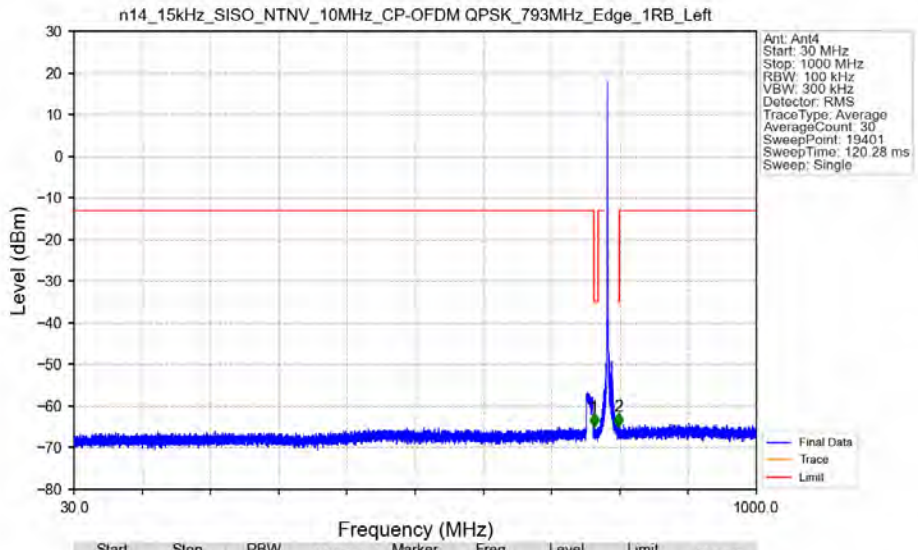

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	769.400	-65.12	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.700	-64.99	-35	Pass

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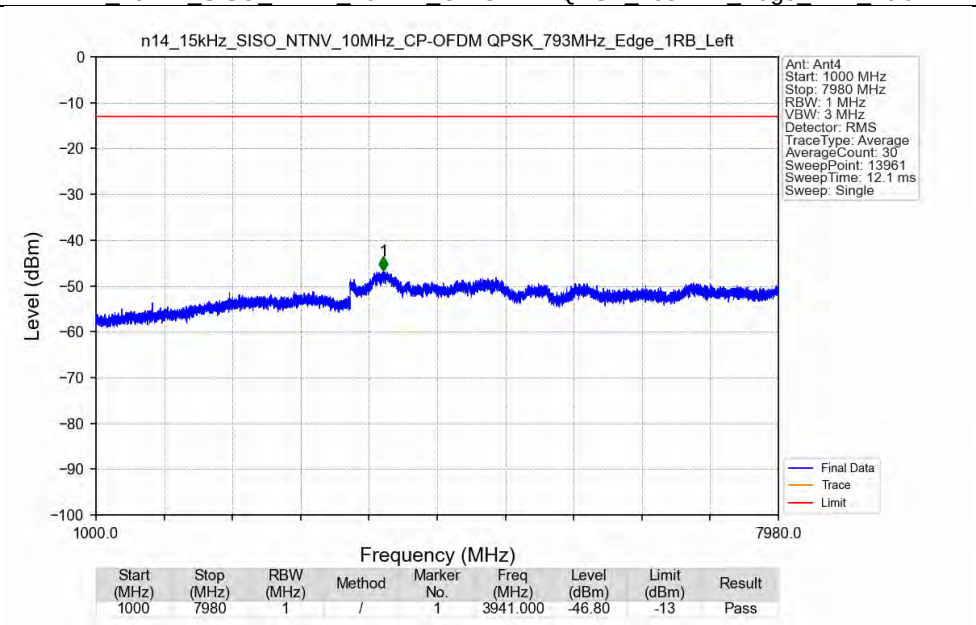
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3941.000	-46.80	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Outer_Full

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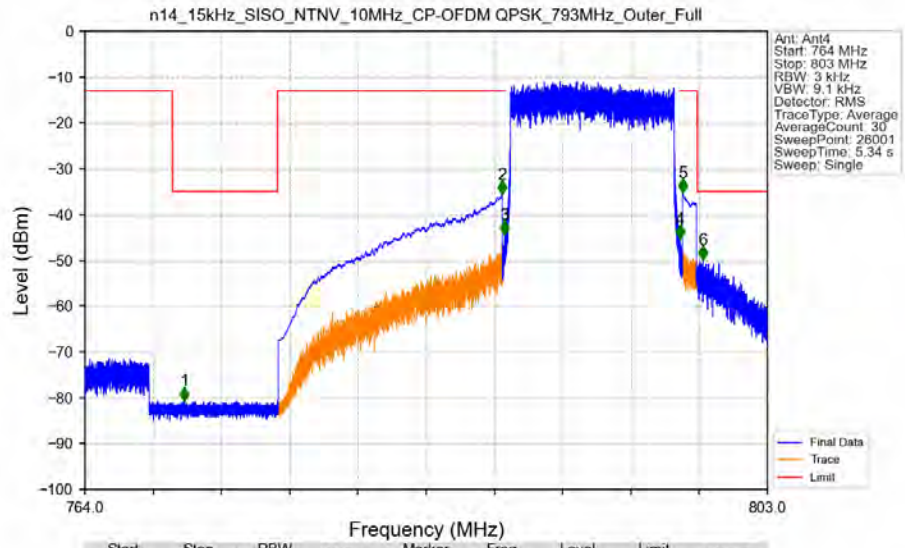

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	769.674	-80.68	-35	Pass
775	787.9	0.1	CHP	2	787.827	-35.60	-13	Pass
787.9	788	0.03	/	3	787.988	-44.47	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.002	-45.28	-13	Pass
798.1	799	0.1	CHP	5	798.150	-35.28	-13	Pass
799	803	0.003	/	6	799.331	-49.89	-35	Pass

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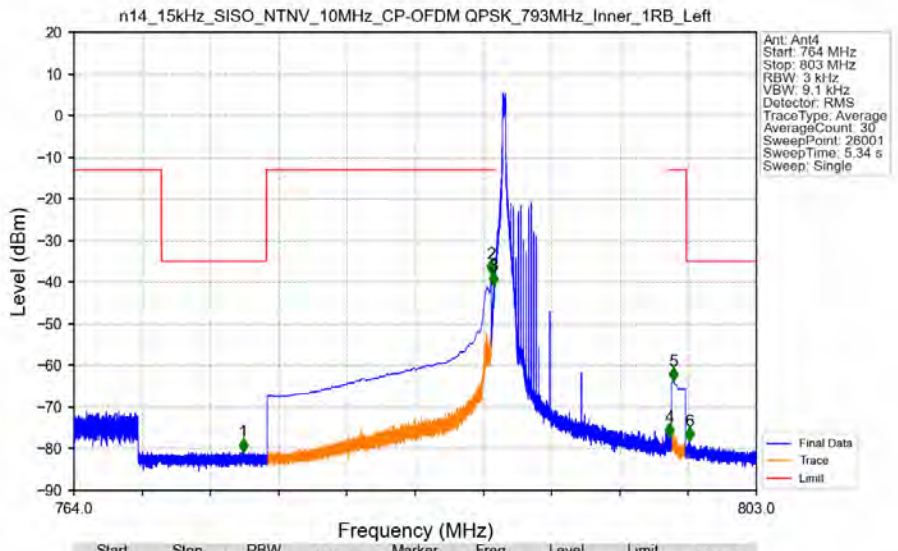
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.003	/	1	773.675	-80.80	-35	Pass
775	787.9	0.1	CHP	2	787.848	-37.96	-13	Pass
787.9	788	0.03	/	3	787.988	-40.94	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.024	-77.17	-13	Pass
798.1	799	0.1	CHP	5	798.235	-63.83	-13	Pass
799	803	0.003	/	6	799.177	-78.22	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left

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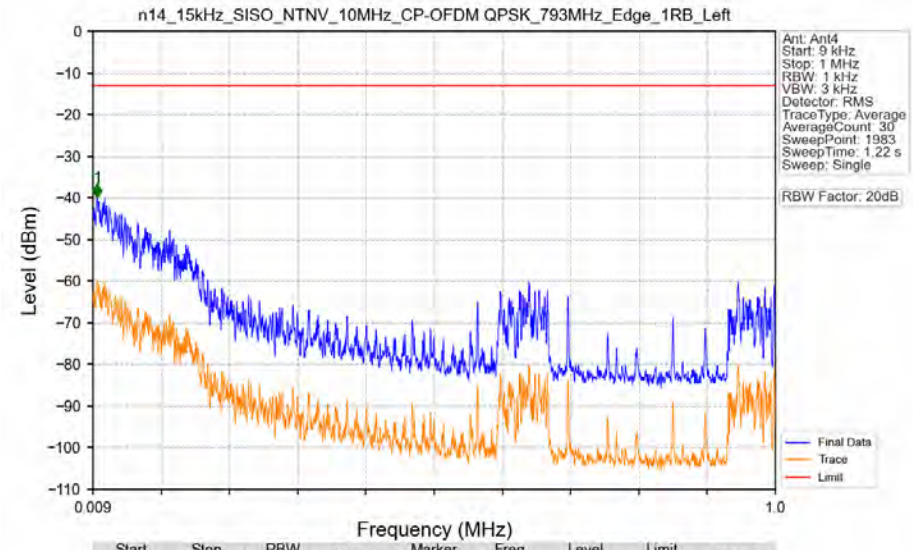

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.015	-39.94	-13	Pass

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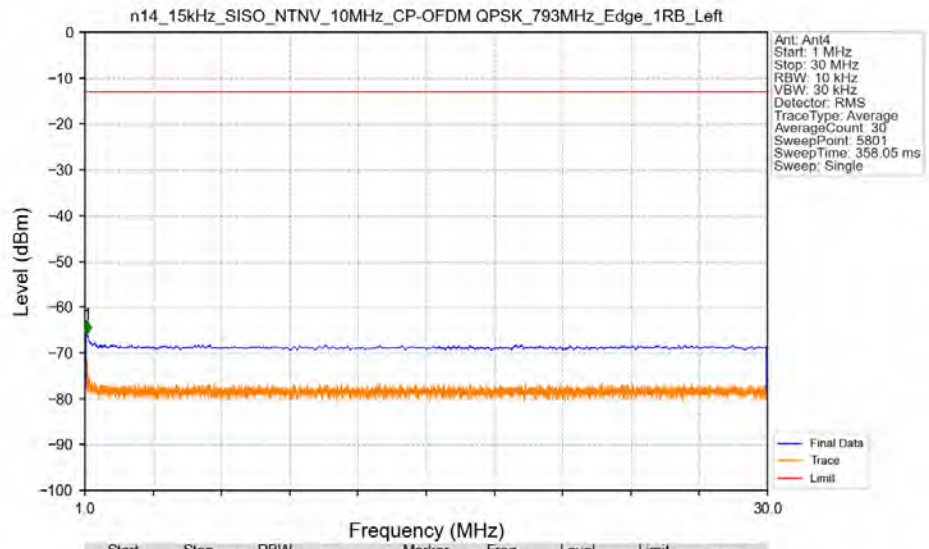

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.085	-65.95	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left

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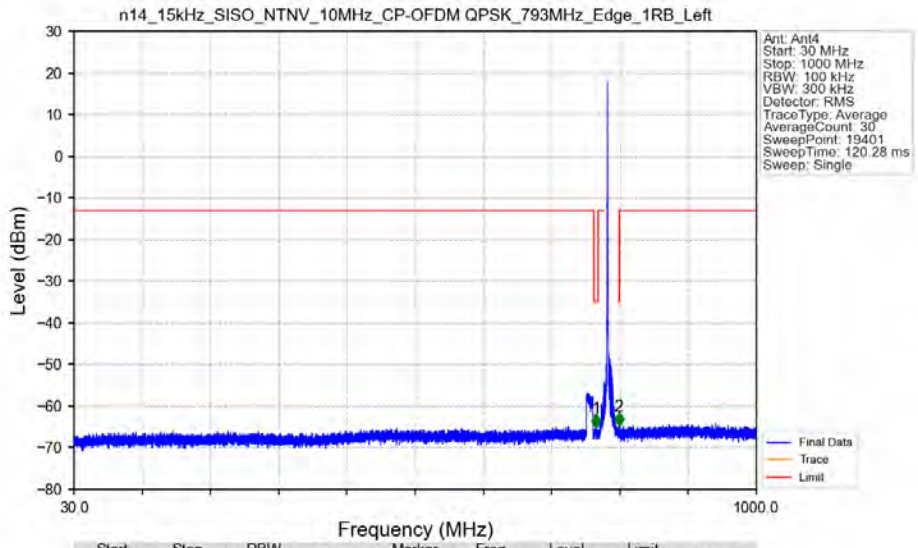

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	772.400	-65.33	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	804.650	-64.92	-35	Pass

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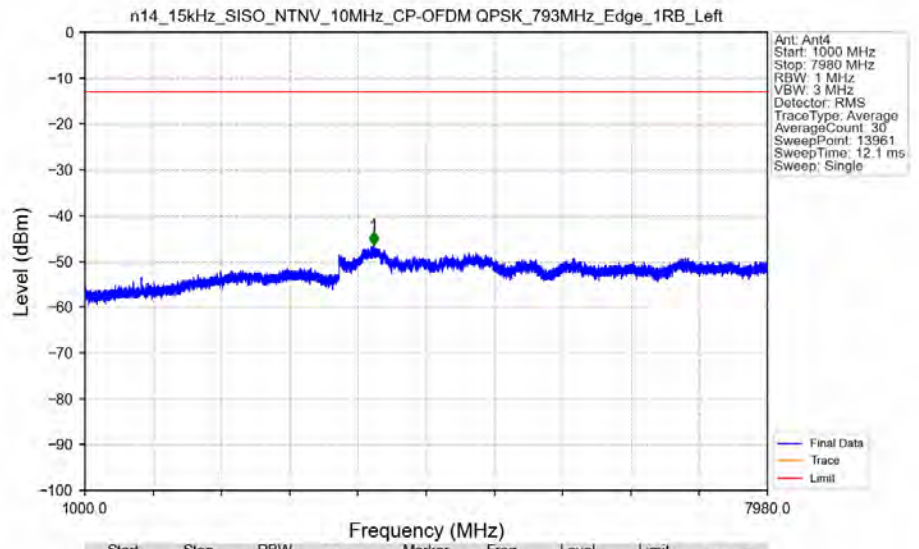
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3954.000	-46.51	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Right

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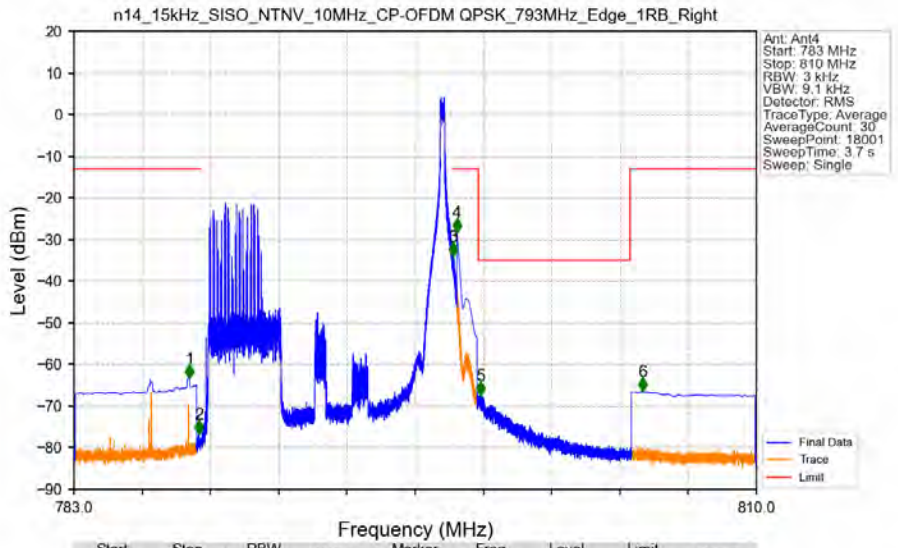

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.566	-63.39	-13	Pass
787.9	788	0.03	/	2	787.938	-76.79	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.005	-34.21	-13	Pass
798.1	799	0.1	CHP	4	798.152	-28.39	-13	Pass
799	805	0.003	/	5	799.080	-67.56	-35	Pass
805	810	0.1	CHP	6	805.501	-66.50	-13	Pass

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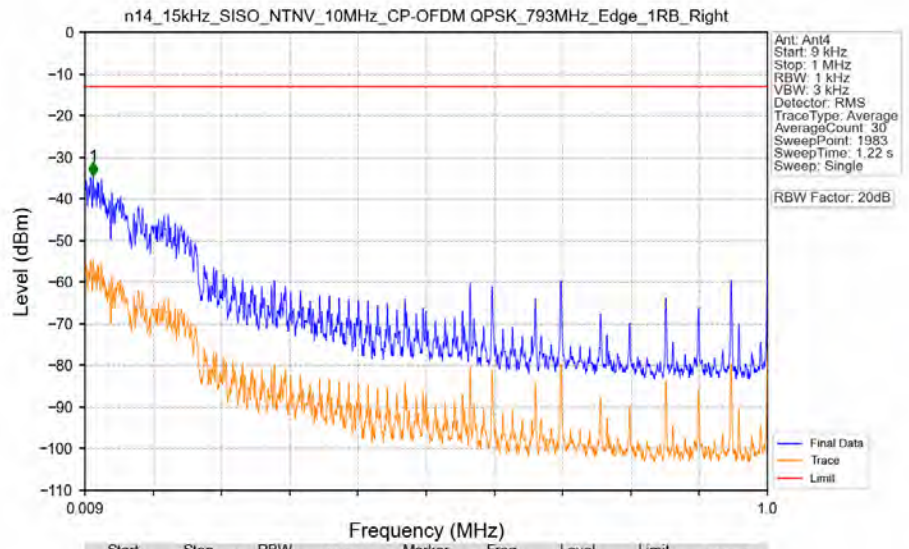

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.021	-34.52	-13	Pass

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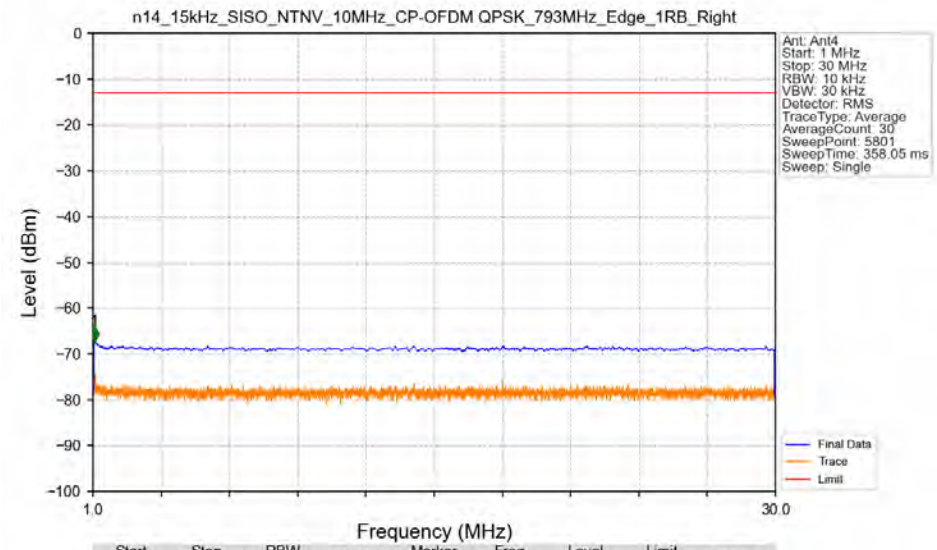

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	0.1	CHP	1	1.065	-67.18	-13	Pass

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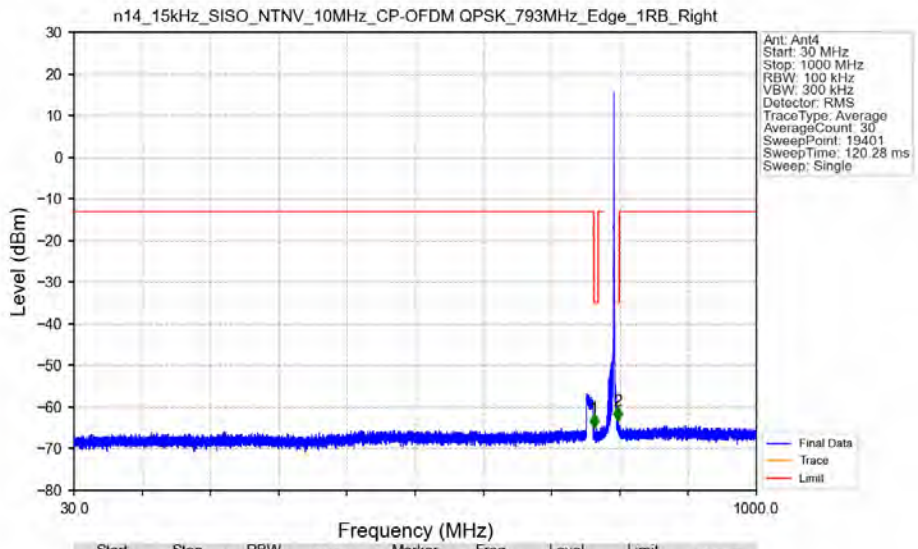
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	787.9	0.1	/	1	769.600	-65.12	-35	Pass
787.9	803	0.1	/	/	/	/	/	/
803	1000	0.1	/	2	803.100	-63.30	-35	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Edge_1RB_Right

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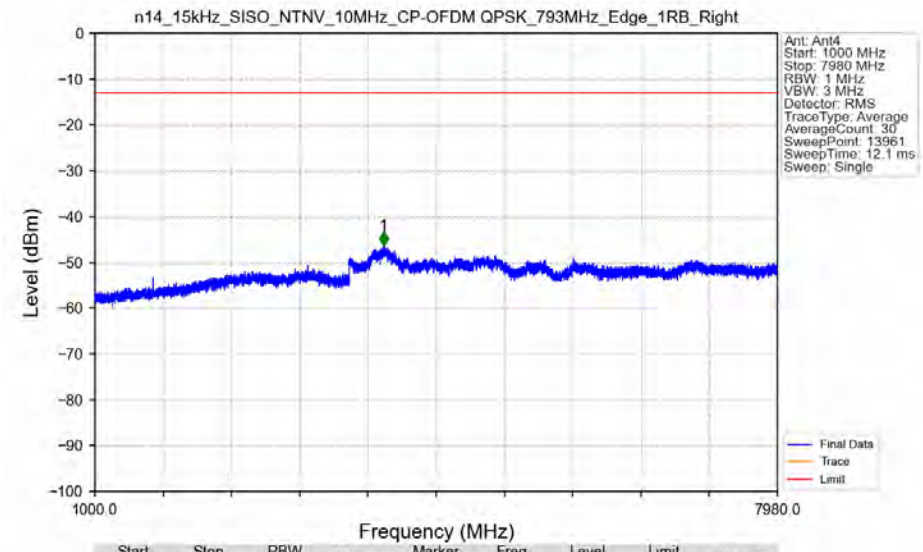

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7980	1	/	1	3953.000	-46.46	-13	Pass

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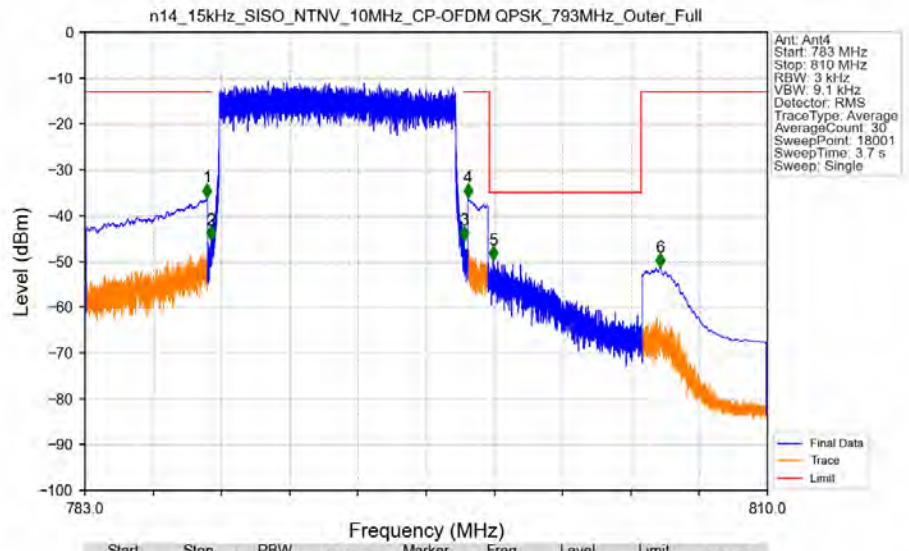
n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.832	-36.08	-13	Pass
787.9	788	0.03	/	2	787.989	-45.35	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.003	-45.42	-13	Pass
798.1	799	0.1	CHP	4	798.152	-36.07	-13	Pass
799	805	0.003	/	5	799.152	-49.74	-35	Pass
805	810	0.1	CHP	6	805.741	-51.39	-13	Pass

n14_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_793MHz_Inner_1RB_Right

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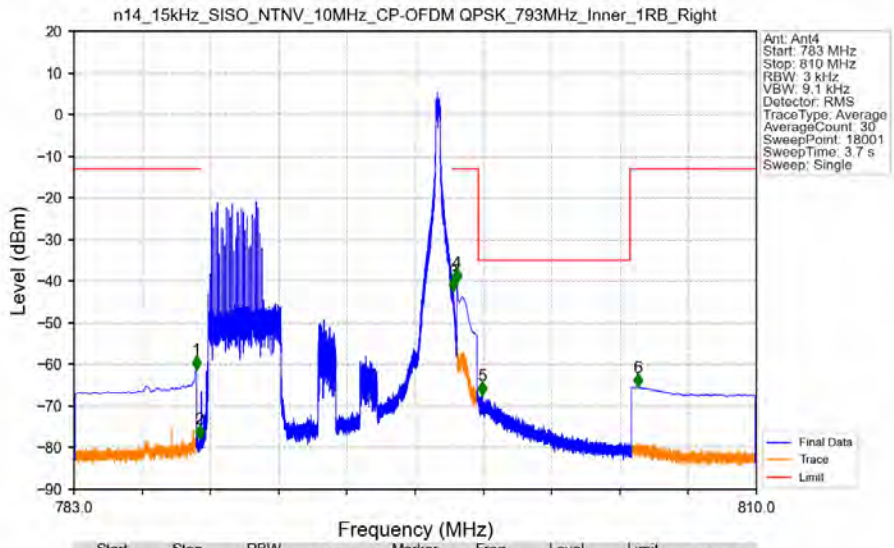

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.841	-61.32	-13	Pass
787.9	788	0.03	/	2	787.965	-77.96	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.008	-42.42	-13	Pass
798.1	799	0.1	CHP	4	798.152	-40.37	-13	Pass
799	805	0.003	/	5	799.149	-67.45	-35	Pass
805	810	0.1	CHP	6	805.303	-65.51	-13	Pass

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6. Field Strength of Spurious Radiation

NR Band 14-Low channel, Modulation: QPSK, Bandwidth:5MHz, 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
1576.5	-65.68	-40	-25.68	-69.555	2	5.88	Horizontal	Pass
2364.75	-61.42	-13	-48.42	-63.69	2.35	4.62	Horizontal	Pass
3153	-54.28	-13	-41.28	-58.24	2.96	6.92	Horizontal	Pass
1576.5	-63.09	-40	-23.09	-66.965	2	5.88	Vertical	Pass
2364.75	-61.82	-13	-48.82	-64.09	2.35	4.62	Vertical	Pass
3153	-54.87	-13	-41.87	-58.83	2.96	6.92	Vertical	Pass

NR Band 14-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 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
1581.5	-65.91	-40	-25.91	-69.785	2	5.88	Horizontal	Pass
2372.25	-60.03	-13	-47.03	-62.3	2.35	4.62	Horizontal	Pass
3163	-54.00	-13	-41.00	-57.96	2.96	6.92	Horizontal	Pass
1581.5	-63.82	-40	-23.82	-67.695	2	5.88	Vertical	Pass
2372.25	-61.27	-13	-48.27	-63.54	2.35	4.62	Vertical	Pass
3163	-53.47	-13	-40.47	-57.43	2.96	6.92	Vertical	Pass

NR Band 14-High channel, Modulation: QPSK, Bandwidth:5MHz, 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
1586.5	-65.48	-40	-25.48	-69.355	2	5.88	Horizontal	Pass
2379.75	-61.60	-13	-48.60	-63.87	2.35	4.62	Horizontal	Pass
3173	-54.45	-13	-41.45	-58.41	2.96	6.92	Horizontal	Pass
1586.5	-63.80	-40	-23.80	-67.675	2	5.88	Vertical	Pass
2379.75	-61.47	-13	-48.47	-63.74	2.35	4.62	Vertical	Pass
3173	-54.46	-13	-41.46	-58.42	2.96	6.92	Vertical	Pass

---End of Attachment---

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