

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	19.21	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	19.11	/	/	19.94	/	/	<=30	Pass
		Outer_Full	19.22	/	/	20.05	/	/	<=30	Pass
		Inner_Full	19.73	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	20.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.22	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	19.12	/	/	19.95	/	/	<=30	Pass
		Outer_Full	19.24	/	/	20.07	/	/	<=30	Pass
		Inner_Full	19.77	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	19.75	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	20.35	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.10	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	18.81	/	/	19.64	/	/	<=30	Pass
		Outer_Full	18.95	/	/	19.78	/	/	<=30	Pass
		Inner_Full	19.46	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	19.53	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	20.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	18.70	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	18.65	/	/	19.48	/	/	<=30	Pass
		Outer_Full	18.71	/	/	19.54	/	/	<=30	Pass
		Inner_Full	19.76	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	20.40	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.70	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	18.54	/	/	19.37	/	/	<=30	Pass
		Outer_Full	18.68	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.67	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	19.49	/	/	20.32	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.52	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	18.25	/	/	19.08	/	/	<=30	Pass
		Outer_Full	18.44	/	/	19.27	/	/	<=30	Pass
		Inner_Full	19.45	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	19.53	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	19.32	/	/	20.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	17.62	/	/	18.45	/	/	<=30	Pass
		Edge_1RB_Right	17.46	/	/	18.29	/	/	<=30	Pass
		Outer_Full	17.72	/	/	18.55	/	/	<=30	Pass
		Inner_Full	18.73	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Right	18.41	/	/	19.24	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.66	/	/	18.49	/	/	<=30	Pass
		Edge_1RB_Right	17.49	/	/	18.32	/	/	<=30	Pass
		Outer_Full	17.62	/	/	18.45	/	/	<=30	Pass
		Inner_Full	18.62	/	/	19.45	/	/	<=30	Pass

	3789.99	Inner_1RB_Left	18.65	/	/	19.48	/	/	<=30	Pass
		Inner_1RB_Right	18.43	/	/	19.26	/	/	<=30	Pass
		Edge_1RB_Left	17.44	/	/	18.27	/	/	<=30	Pass
		Edge_1RB_Right	17.10	/	/	17.93	/	/	<=30	Pass
		Outer_Full	17.42	/	/	18.25	/	/	<=30	Pass
		Inner_Full	18.44	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	18.35	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Right	18.16	/	/	18.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	17.35	/	/	18.18	/	/	<=30	Pass
		Edge_1RB_Right	17.22	/	/	18.05	/	/	<=30	Pass
		Outer_Full	17.21	/	/	18.04	/	/	<=30	Pass
		Inner_Full	17.24	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Left	17.29	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Right	17.23	/	/	18.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.15	/	/	17.98	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	17.87	/	/	<=30	Pass
		Outer_Full	17.11	/	/	17.94	/	/	<=30	Pass
		Inner_Full	17.14	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Left	17.11	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Right	17.02	/	/	17.85	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	17.06	/	/	17.89	/	/	<=30	Pass
		Edge_1RB_Right	16.82	/	/	17.65	/	/	<=30	Pass
		Outer_Full	16.91	/	/	17.74	/	/	<=30	Pass
		Inner_Full	16.90	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Left	17.06	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Right	16.79	/	/	17.62	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	15.34	/	/	16.17	/	/	<=30	Pass
		Edge_1RB_Right	15.18	/	/	16.01	/	/	<=30	Pass
		Outer_Full	15.22	/	/	16.05	/	/	<=30	Pass
		Inner_Full	15.24	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Left	15.30	/	/	16.13	/	/	<=30	Pass
		Inner_1RB_Right	15.13	/	/	15.96	/	/	<=30	Pass
	3750	Edge_1RB_Left	15.17	/	/	16.00	/	/	<=30	Pass
		Edge_1RB_Right	15.14	/	/	15.97	/	/	<=30	Pass
		Outer_Full	15.06	/	/	15.89	/	/	<=30	Pass
		Inner_Full	15.13	/	/	15.96	/	/	<=30	Pass
		Inner_1RB_Left	15.06	/	/	15.89	/	/	<=30	Pass
		Inner_1RB_Right	15.07	/	/	15.90	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	15.02	/	/	15.85	/	/	<=30	Pass
		Edge_1RB_Right	14.63	/	/	15.46	/	/	<=30	Pass
		Outer_Full	14.87	/	/	15.70	/	/	<=30	Pass
		Inner_Full	14.96	/	/	15.79	/	/	<=30	Pass
		Inner_1RB_Left	14.94	/	/	15.77	/	/	<=30	Pass
		Inner_1RB_Right	14.69	/	/	15.52	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	16.81	/	/	17.64	/	/	<=30	Pass
		Edge_1RB_Right	16.73	/	/	17.56	/	/	<=30	Pass
		Outer_Full	16.70	/	/	17.53	/	/	<=30	Pass
		Inner_Full	18.28	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	18.40	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Right	18.19	/	/	19.02	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.72	/	/	17.55	/	/	<=30	Pass
		Edge_1RB_Right	16.64	/	/	17.47	/	/	<=30	Pass
		Outer_Full	16.61	/	/	17.44	/	/	<=30	Pass
		Inner_Full	18.10	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Left	18.21	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Right	18.14	/	/	18.97	/	/	<=30	Pass

	3789.99	Edge_1RB_Left	16.57	/	/	17.40	/	/	<=30	Pass
		Edge_1RB_Right	16.39	/	/	17.22	/	/	<=30	Pass
		Outer_Full	16.43	/	/	17.26	/	/	<=30	Pass
		Inner_Full	18.00	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	18.12	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	17.90	/	/	18.73	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	16.71	/	/	17.54	/	/	<=30	Pass
		Edge_1RB_Right	16.59	/	/	17.42	/	/	<=30	Pass
		Outer_Full	16.76	/	/	17.59	/	/	<=30	Pass
		Inner_Full	17.79	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	17.68	/	/	18.51	/	/	<=30	Pass
		Inner_1RB_Right	17.59	/	/	18.42	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.57	/	/	17.40	/	/	<=30	Pass
		Edge_1RB_Right	16.44	/	/	17.27	/	/	<=30	Pass
		Outer_Full	16.71	/	/	17.54	/	/	<=30	Pass
		Inner_Full	17.67	/	/	18.50	/	/	<=30	Pass
		Inner_1RB_Left	17.48	/	/	18.31	/	/	<=30	Pass
		Inner_1RB_Right	17.43	/	/	18.26	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	16.42	/	/	17.25	/	/	<=30	Pass
		Edge_1RB_Right	16.23	/	/	17.06	/	/	<=30	Pass
		Outer_Full	16.43	/	/	17.26	/	/	<=30	Pass
		Inner_Full	17.50	/	/	18.33	/	/	<=30	Pass
		Inner_1RB_Left	17.41	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Right	17.24	/	/	18.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	16.30	/	/	17.13	/	/	<=30	Pass
		Edge_1RB_Right	16.24	/	/	17.07	/	/	<=30	Pass
		Outer_Full	16.20	/	/	17.03	/	/	<=30	Pass
		Inner_Full	16.23	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Left	16.27	/	/	17.10	/	/	<=30	Pass
		Inner_1RB_Right	16.21	/	/	17.04	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.17	/	/	17.00	/	/	<=30	Pass
		Edge_1RB_Right	16.12	/	/	16.95	/	/	<=30	Pass
		Outer_Full	16.06	/	/	16.89	/	/	<=30	Pass
		Inner_Full	16.11	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Left	16.16	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	16.03	/	/	16.86	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	15.98	/	/	16.81	/	/	<=30	Pass
		Edge_1RB_Right	15.72	/	/	16.55	/	/	<=30	Pass
		Outer_Full	15.85	/	/	16.68	/	/	<=30	Pass
		Inner_Full	15.91	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Left	16.10	/	/	16.93	/	/	<=30	Pass
		Inner_1RB_Right	15.79	/	/	16.62	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	13.29	/	/	14.12	/	/	<=30	Pass
		Edge_1RB_Right	13.14	/	/	13.97	/	/	<=30	Pass
		Outer_Full	13.16	/	/	13.99	/	/	<=30	Pass
		Inner_Full	13.29	/	/	14.12	/	/	<=30	Pass
		Inner_1RB_Left	13.33	/	/	14.16	/	/	<=30	Pass
		Inner_1RB_Right	13.16	/	/	13.99	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.10	/	/	13.93	/	/	<=30	Pass
		Edge_1RB_Right	13.09	/	/	13.92	/	/	<=30	Pass
		Outer_Full	13.05	/	/	13.88	/	/	<=30	Pass
		Inner_Full	13.18	/	/	14.01	/	/	<=30	Pass
		Inner_1RB_Left	13.13	/	/	13.96	/	/	<=30	Pass
		Inner_1RB_Right	13.06	/	/	13.89	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	13.09	/	/	13.92	/	/	<=30	Pass
		Edge_1RB_Right	12.86	/	/	13.69	/	/	<=30	Pass

		Outer_Full	12.92	/	/	13.75	/	/	<=30	Pass
		Inner_Full	13.02	/	/	13.85	/	/	<=30	Pass
		Inner_1RB_Left	13.13	/	/	13.96	/	/	<=30	Pass
		Inner_1RB_Right	12.78	/	/	13.61	/	/	<=30	Pass
Note1: Antenna Gain: Ant4: 0.83dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_60M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	19.71	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	20.49	/	/	<=30	Pass
		Outer_Full	19.77	/	/	20.60	/	/	<=30	Pass
		Inner_Full	19.13	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	19.83	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.53	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	19.21	/	/	20.04	/	/	<=30	Pass
		Outer_Full	19.51	/	/	20.34	/	/	<=30	Pass
		Inner_Full	19.64	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	20.09	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.43	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	18.92	/	/	19.75	/	/	<=30	Pass
		Outer_Full	19.35	/	/	20.18	/	/	<=30	Pass
		Inner_Full	19.47	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	19.47	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	19.83	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	19.69	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	20.41	/	/	<=30	Pass
		Outer_Full	19.65	/	/	20.48	/	/	<=30	Pass
		Inner_Full	19.65	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	19.67	/	/	20.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.39	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	20.03	/	/	<=30	Pass
		Outer_Full	19.59	/	/	20.42	/	/	<=30	Pass
		Inner_Full	19.59	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	19.51	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	19.21	/	/	20.04	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.39	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	18.97	/	/	19.80	/	/	<=30	Pass
		Outer_Full	19.35	/	/	20.18	/	/	<=30	Pass
		Inner_Full	19.46	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	19.42	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	19.01	/	/	19.84	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	18.63	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	18.64	/	/	19.47	/	/	<=30	Pass
		Outer_Full	18.68	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.65	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	19.59	/	/	20.42	/	/	<=30	Pass

	3750	Edge_1RB_Left	18.57	/	/	19.40	/	/	<=30	Pass
		Edge_1RB_Right	18.32	/	/	19.15	/	/	<=30	Pass
		Outer_Full	18.55	/	/	19.38	/	/	<=30	Pass
		Inner_Full	19.64	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	19.46	/	/	20.29	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	18.45	/	/	19.28	/	/	<=30	Pass
		Edge_1RB_Right	18.03	/	/	18.86	/	/	<=30	Pass
		Outer_Full	18.41	/	/	19.24	/	/	<=30	Pass
		Inner_Full	19.44	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	19.51	/	/	20.34	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Inner_1RB_Right	19.09	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Left	18.08	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	17.98	/	/	18.81	/	/	<=30	Pass
		Outer_Full	18.18	/	/	19.01	/	/	<=30	Pass
		Inner_Full	18.12	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	18.97	/	/	<=30	Pass
	3750	Inner_1RB_Right	18.04	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Left	17.81	/	/	18.64	/	/	<=30	Pass
		Edge_1RB_Right	17.72	/	/	18.55	/	/	<=30	Pass
		Outer_Full	18.06	/	/	18.89	/	/	<=30	Pass
		Inner_Full	18.15	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	17.95	/	/	18.78	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	17.70	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Left	17.88	/	/	18.71	/	/	<=30	Pass
		Edge_1RB_Right	17.39	/	/	18.22	/	/	<=30	Pass
		Outer_Full	17.93	/	/	18.76	/	/	<=30	Pass
		Inner_Full	17.94	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	18.05	/	/	18.88	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Right	17.51	/	/	18.34	/	/	<=30	Pass
		Edge_1RB_Left	15.84	/	/	16.67	/	/	<=30	Pass
		Edge_1RB_Right	15.70	/	/	16.53	/	/	<=30	Pass
		Outer_Full	16.18	/	/	17.01	/	/	<=30	Pass
		Inner_Full	16.19	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	15.88	/	/	16.71	/	/	<=30	Pass
	3750	Inner_1RB_Right	15.94	/	/	16.77	/	/	<=30	Pass
		Edge_1RB_Left	15.68	/	/	16.51	/	/	<=30	Pass
		Edge_1RB_Right	15.58	/	/	16.41	/	/	<=30	Pass
		Outer_Full	16.12	/	/	16.95	/	/	<=30	Pass
		Inner_Full	16.18	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Left	15.72	/	/	16.55	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	15.54	/	/	16.37	/	/	<=30	Pass
		Edge_1RB_Left	15.72	/	/	16.55	/	/	<=30	Pass
		Edge_1RB_Right	15.30	/	/	16.13	/	/	<=30	Pass
		Outer_Full	15.88	/	/	16.71	/	/	<=30	Pass
		Inner_Full	15.98	/	/	16.81	/	/	<=30	Pass
		Inner_1RB_Left	15.77	/	/	16.60	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner_1RB_Right	15.35	/	/	16.18	/	/	<=30	Pass
		Edge_1RB_Left	17.77	/	/	18.60	/	/	<=30	Pass
		Edge_1RB_Right	17.73	/	/	18.56	/	/	<=30	Pass
		Outer_Full	17.69	/	/	18.52	/	/	<=30	Pass
		Inner_Full	19.18	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	19.22	/	/	20.05	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.17	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Left	17.56	/	/	18.39	/	/	<=30	Pass
		Edge_1RB_Right	17.33	/	/	18.16	/	/	<=30	Pass

		Outer_Full	17.49	/	/	18.32	/	/	<=30	Pass
		Inner_Full	18.98	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	18.97	/	/	19.80	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	17.50	/	/	18.33	/	/	<=30	Pass
		Edge_1RB_Right	17.05	/	/	17.88	/	/	<=30	Pass
		Outer_Full	17.36	/	/	18.19	/	/	<=30	Pass
		Inner_Full	18.94	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	19.02	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	18.54	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Left	17.57	/	/	18.40	/	/	<=30	Pass
		Edge_1RB_Right	17.51	/	/	18.34	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	17.72	/	/	18.55	/	/	<=30	Pass
		Inner_Full	18.68	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	19.48	/	/	<=30	Pass
		Inner_1RB_Right	18.67	/	/	19.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.39	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	17.26	/	/	18.09	/	/	<=30	Pass
		Outer_Full	17.61	/	/	18.44	/	/	<=30	Pass
		Inner_Full	18.58	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Left	18.52	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Right	18.44	/	/	19.27	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	17.38	/	/	18.21	/	/	<=30	Pass
		Edge_1RB_Right	17.03	/	/	17.86	/	/	<=30	Pass
		Outer_Full	17.39	/	/	18.22	/	/	<=30	Pass
		Inner_Full	18.44	/	/	19.27	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Inner_1RB_Left	18.44	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Right	18.03	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Left	16.98	/	/	17.81	/	/	<=30	Pass
		Edge_1RB_Right	17.11	/	/	17.94	/	/	<=30	Pass
	3750	Outer_Full	17.21	/	/	18.04	/	/	<=30	Pass
		Inner_Full	17.18	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	17.07	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Right	17.04	/	/	17.86	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	17.10	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	16.96	/	/	17.79	/	/	<=30	Pass
		Outer_Full	17.07	/	/	17.90	/	/	<=30	Pass
		Inner_Full	17.15	/	/	17.98	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Inner_1RB_Left	17.16	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Right	16.92	/	/	17.75	/	/	<=30	Pass
		Edge_1RB_Left	16.96	/	/	17.79	/	/	<=30	Pass
		Edge_1RB_Right	16.53	/	/	17.36	/	/	<=30	Pass
	3750	Outer_Full	16.95	/	/	17.78	/	/	<=30	Pass
		Inner_Full	16.96	/	/	17.79	/	/	<=30	Pass
		Inner_1RB_Left	17.05	/	/	17.88	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	17.49	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	13.84	/	/	14.67	/	/	<=30	Pass
		Edge_1RB_Right	13.86	/	/	14.69	/	/	<=30	Pass
		Outer_Full	14.17	/	/	15.00	/	/	<=30	Pass
		Inner_Full	14.16	/	/	14.99	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Inner_1RB_Left	13.93	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Right	14.00	/	/	14.83	/	/	<=30	Pass
		Edge_1RB_Left	13.73	/	/	14.56	/	/	<=30	Pass
		Edge_1RB_Right	13.63	/	/	14.46	/	/	<=30	Pass
	3750	Outer_Full	14.07	/	/	14.90	/	/	<=30	Pass
		Inner_Full	14.03	/	/	14.86	/	/	<=30	Pass
		Edge_1RB_Left	13.84	/	/	14.67	/	/	<=30	Pass
		Edge_1RB_Right	13.86	/	/	14.69	/	/	<=30	Pass

		Inner_1RB_Left	13.83	/	/	14.66	/	/	<=30	Pass
		Inner_1RB_Right	13.65	/	/	14.49	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	13.73	/	/	14.56	/	/	<=30	Pass
		Edge_1RB_Right	13.37	/	/	14.20	/	/	<=30	Pass
		Outer_Full	13.88	/	/	14.72	/	/	<=30	Pass
		Inner_Full	13.83	/	/	14.66	/	/	<=30	Pass
		Inner_1RB_Left	13.70	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Right	13.31	/	/	14.14	/	/	<=30	Pass
Note1: Antenna Gain: Ant4: 0.83dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_100M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant4	Ant2	Sum	Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	18.81	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	18.44	/	/	19.27	/	/	<=30	Pass
		Outer_Full	18.76	/	/	19.59	/	/	<=30	Pass
		Inner_Full	19.31	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	19.33	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	19.03	/	/	19.86	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	18.34	/	/	19.17	/	/	<=30	Pass
		Edge_1RB_Right	17.92	/	/	18.75	/	/	<=30	Pass
		Outer_Full	18.23	/	/	19.06	/	/	<=30	Pass
		Inner_Full	19.28	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	19.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	17.26	/	/	18.09	/	/	<=30	Pass
		Edge_1RB_Right	16.80	/	/	17.63	/	/	<=30	Pass
		Outer_Full	17.24	/	/	18.07	/	/	<=30	Pass
		Inner_Full	18.26	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	18.22	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Right	17.70	/	/	18.53	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	16.85	/	/	17.68	/	/	<=30	Pass
		Edge_1RB_Right	16.42	/	/	17.25	/	/	<=30	Pass
		Outer_Full	16.73	/	/	17.56	/	/	<=30	Pass
		Inner_Full	16.74	/	/	17.57	/	/	<=30	Pass
		Inner_1RB_Left	16.91	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	16.45	/	/	17.28	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	14.79	/	/	15.62	/	/	<=30	Pass
		Edge_1RB_Right	14.35	/	/	15.18	/	/	<=30	Pass
		Outer_Full	14.72	/	/	15.55	/	/	<=30	Pass
		Inner_Full	14.82	/	/	15.65	/	/	<=30	Pass
		Inner_1RB_Left	14.79	/	/	15.62	/	/	<=30	Pass
		Inner_1RB_Right	14.38	/	/	15.21	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	16.37	/	/	17.20	/	/	<=30	Pass
		Edge_1RB_Right	15.95	/	/	16.78	/	/	<=30	Pass
		Outer_Full	16.20	/	/	17.03	/	/	<=30	Pass
		Inner_Full	17.79	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	17.95	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Right	17.46	/	/	18.29	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	16.28	/	/	17.11	/	/	<=30	Pass
		Edge_1RB_Right	15.80	/	/	16.63	/	/	<=30	Pass

		Outer_Full	16.22	/	/	17.05	/	/	<=30	Pass
		Inner_Full	17.22	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	17.27	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Right	16.81	/	/	17.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	15.86	/	/	16.69	/	/	<=30	Pass
		Edge_1RB_Right	15.49	/	/	16.32	/	/	<=30	Pass
		Outer_Full	15.76	/	/	16.59	/	/	<=30	Pass
		Inner_Full	15.75	/	/	16.58	/	/	<=30	Pass
		Inner_1RB_Left	15.89	/	/	16.72	/	/	<=30	Pass
		Inner_1RB_Right	15.44	/	/	16.27	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	12.77	/	/	13.60	/	/	<=30	Pass
		Edge_1RB_Right	12.36	/	/	13.19	/	/	<=30	Pass
		Outer_Full	12.74	/	/	13.57	/	/	<=30	Pass
		Inner_Full	12.83	/	/	13.66	/	/	<=30	Pass
		Inner_1RB_Left	12.87	/	/	13.70	/	/	<=30	Pass
		Inner_1RB_Right	12.41	/	/	13.24	/	/	<=30	Pass
Note1: Antenna Gain: Ant4: 0.83dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n78a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	18.80	0.0050	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	16.20	0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	19.60	0.0052	>=-2.5 & <=2.5	Pass
			20	NV	7.80	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	11.50	0.0031	>=-2.5 & <=2.5	Pass
			40	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			50	NV	10.10	0.0027	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	18.07	19.65	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	18.11	20.03	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	17.97	19.40	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	18.11	19.39	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	18.12	19.39	/	Pass
CP-OFDM QPSK	3750	Outer_Full	18.36	20.10	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	18.31	19.64	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	18.39	20.35	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	18.45	19.87	/	Pass

3.1.2 30_S_60M_NTNV

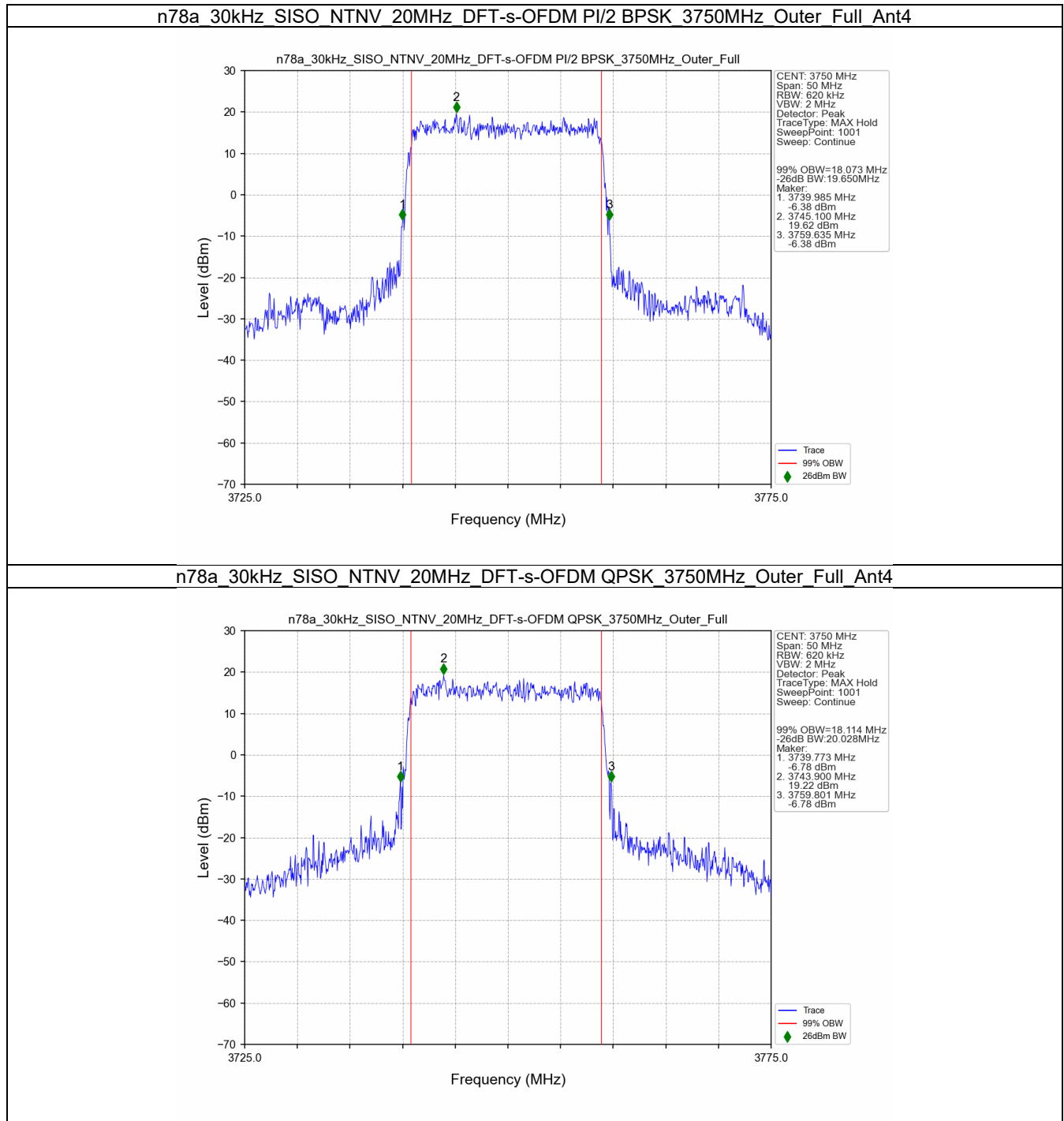
5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	57.94	60.34	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	57.85	60.51	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	57.95	60.41	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	57.79	60.47	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	57.86	60.41	/	Pass
CP-OFDM QPSK	3750	Outer_Full	57.85	60.46	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	57.84	60.47	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	57.94	60.55	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	57.73	60.45	/	Pass

3.1.3 30_S_100M_NTNV

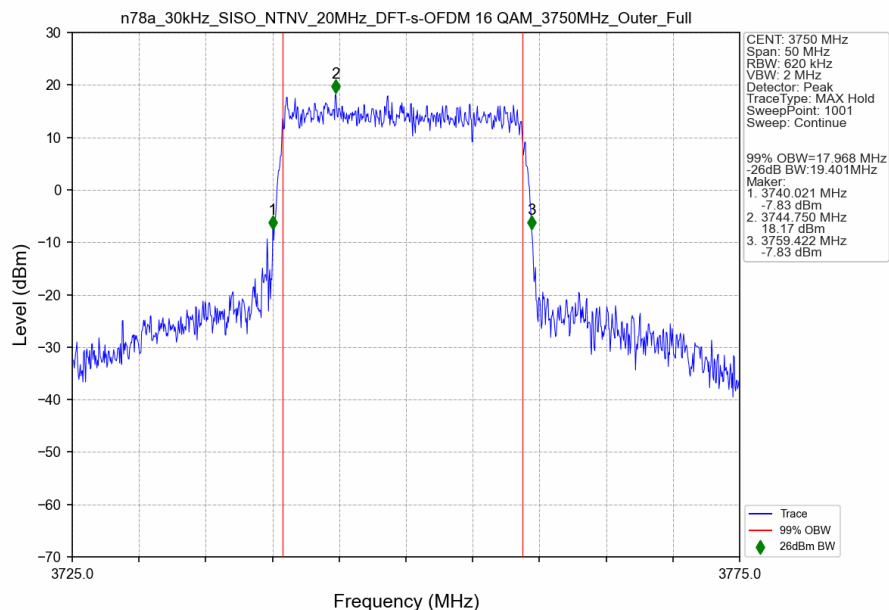
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.72	103.27	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	97.00	103.50	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	96.91	103.41	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	97.04	103.43	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.59	103.46	/	Pass
CP-OFDM QPSK	3750	Outer_Full	97.90	103.99	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	98.17	103.41	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	97.98	104.40	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.85	104.48	/	Pass

3.2 Test Graph

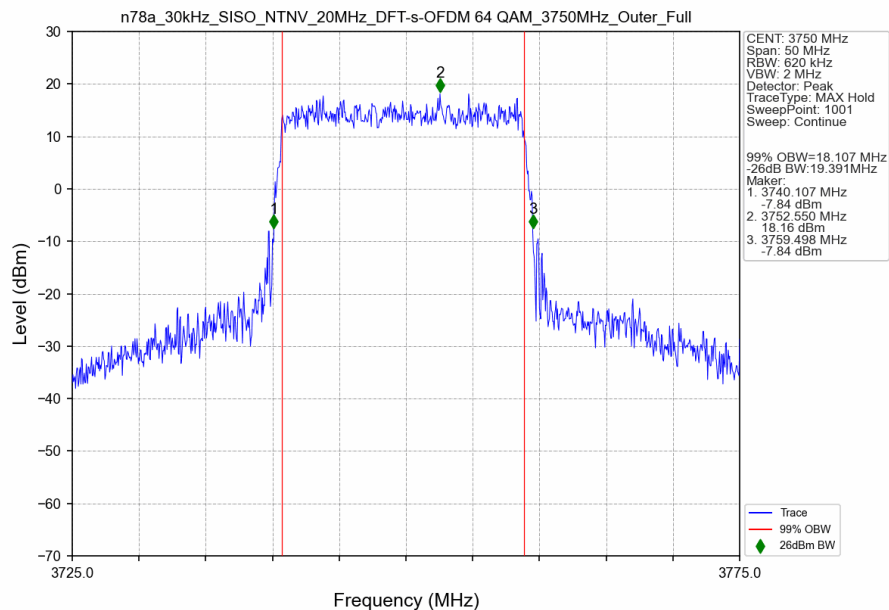
3.2.1 30_S_20M_NTNV



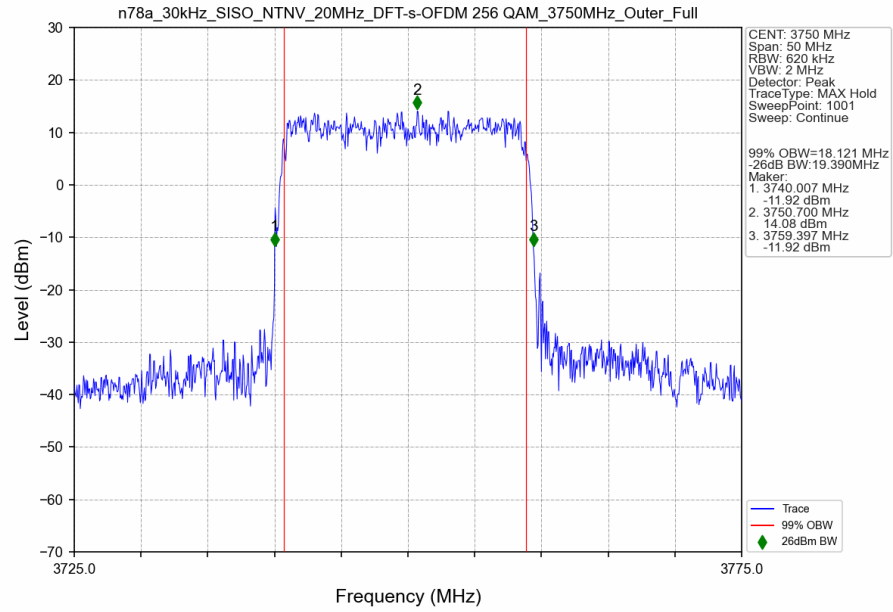
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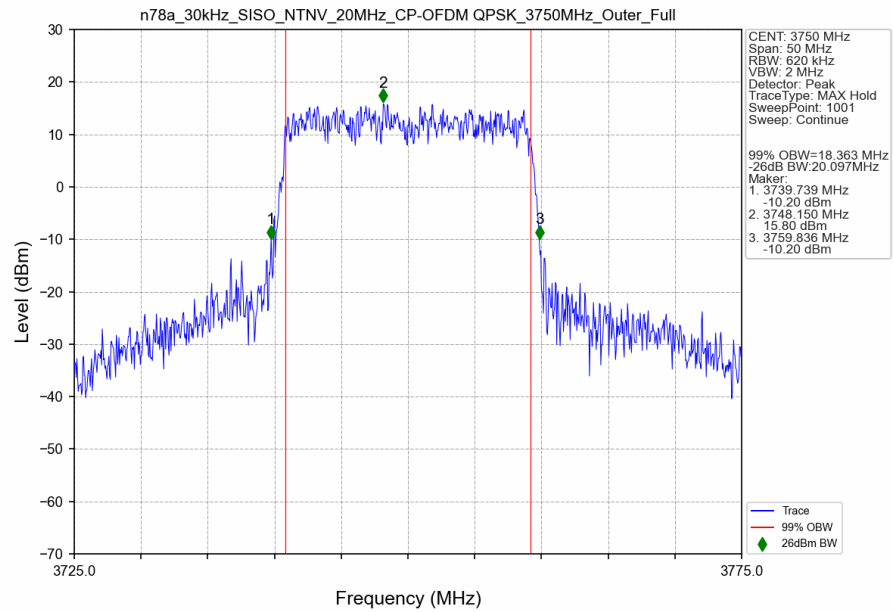
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full_Ant4



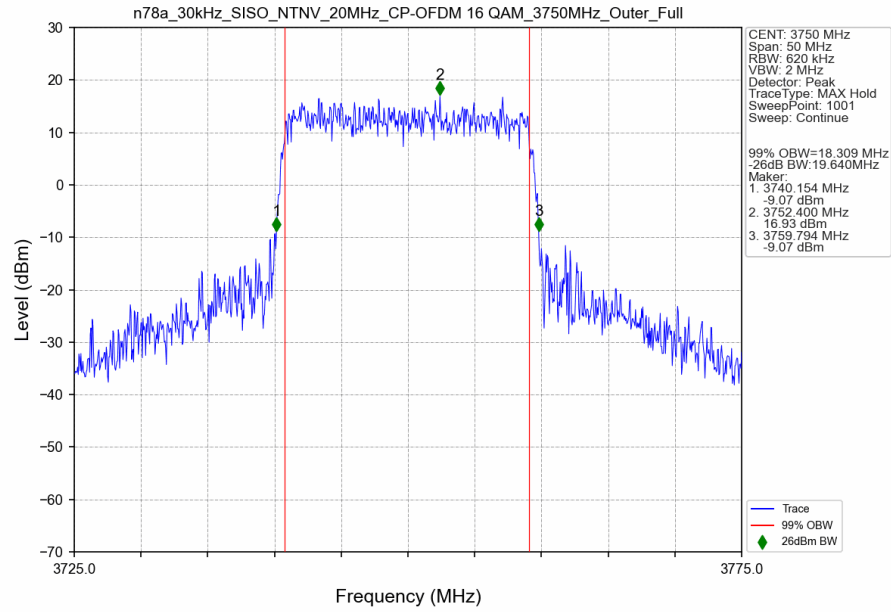
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full_Ant4



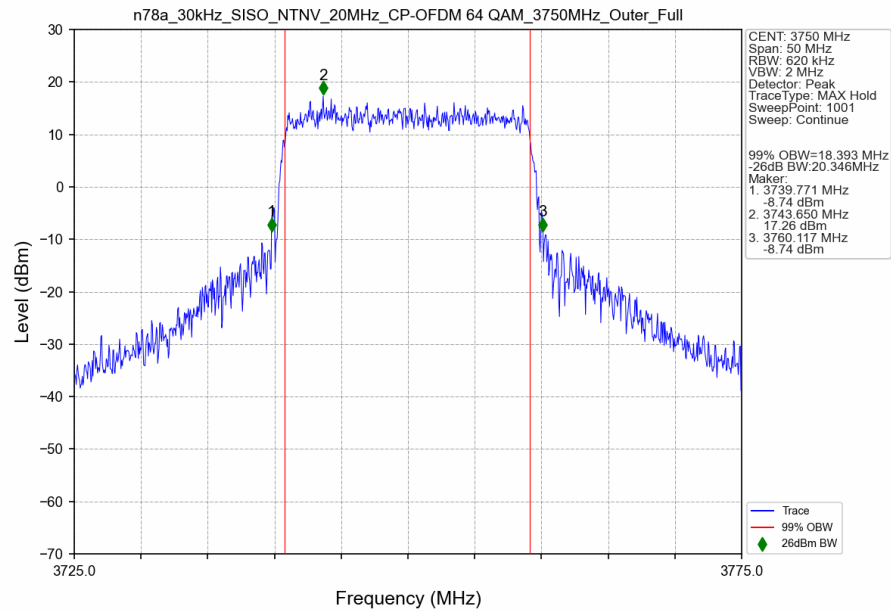
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant4



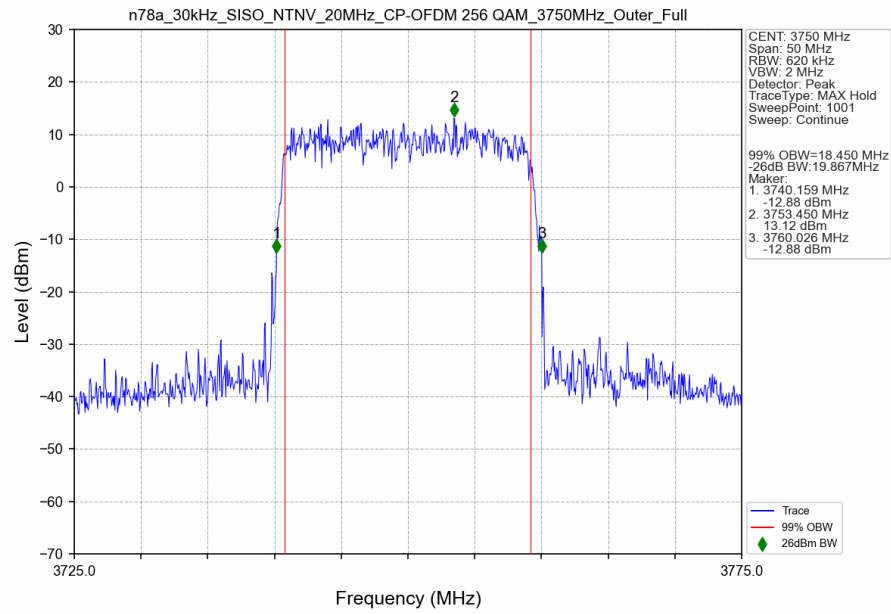
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full_Ant4



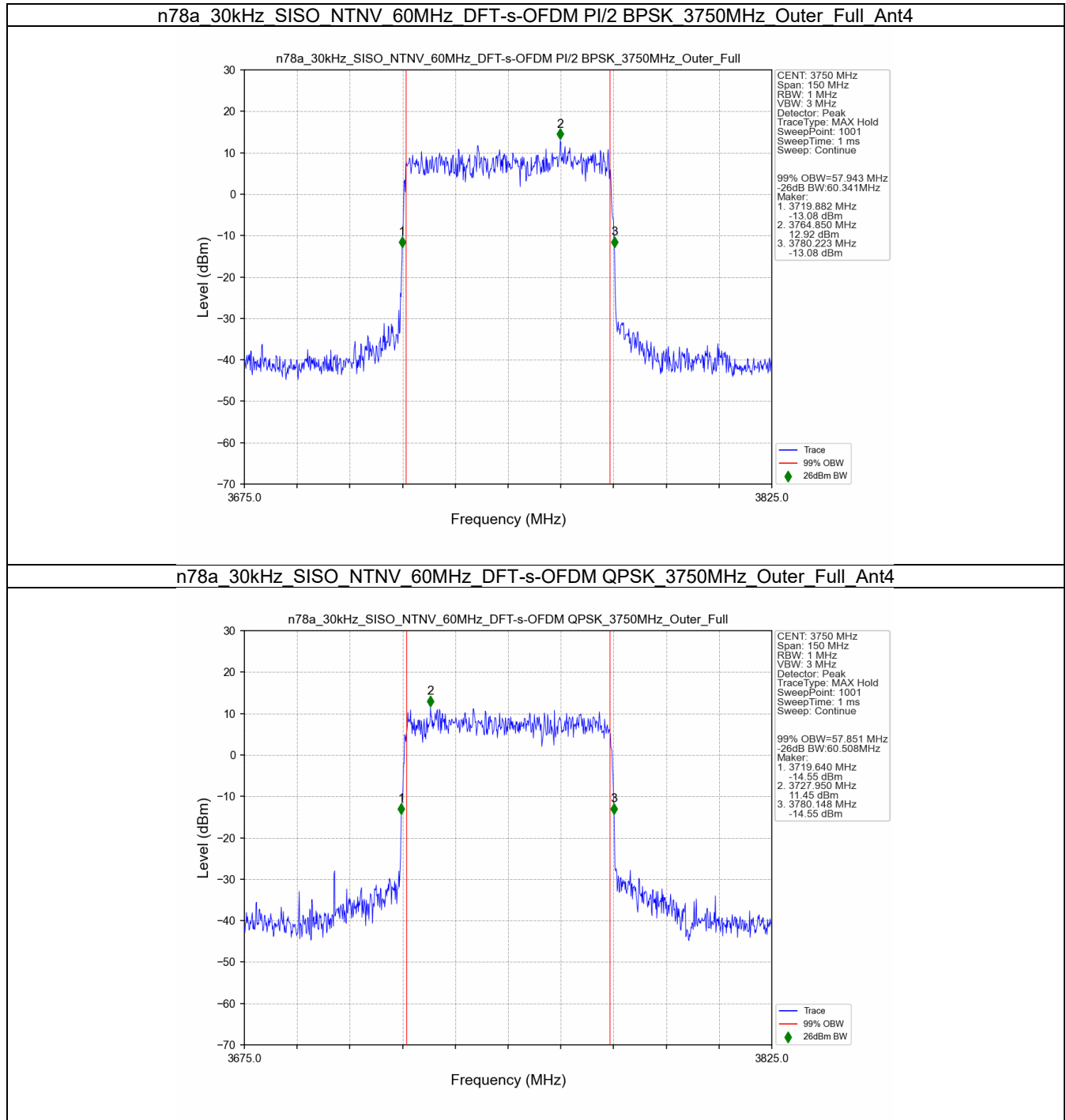
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full_Ant4



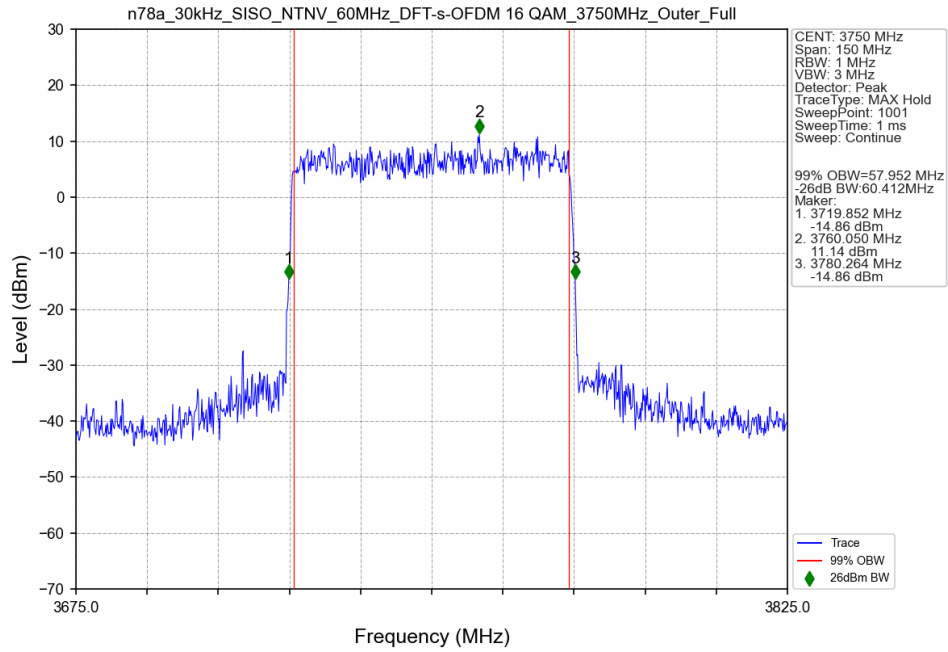
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full_Ant4



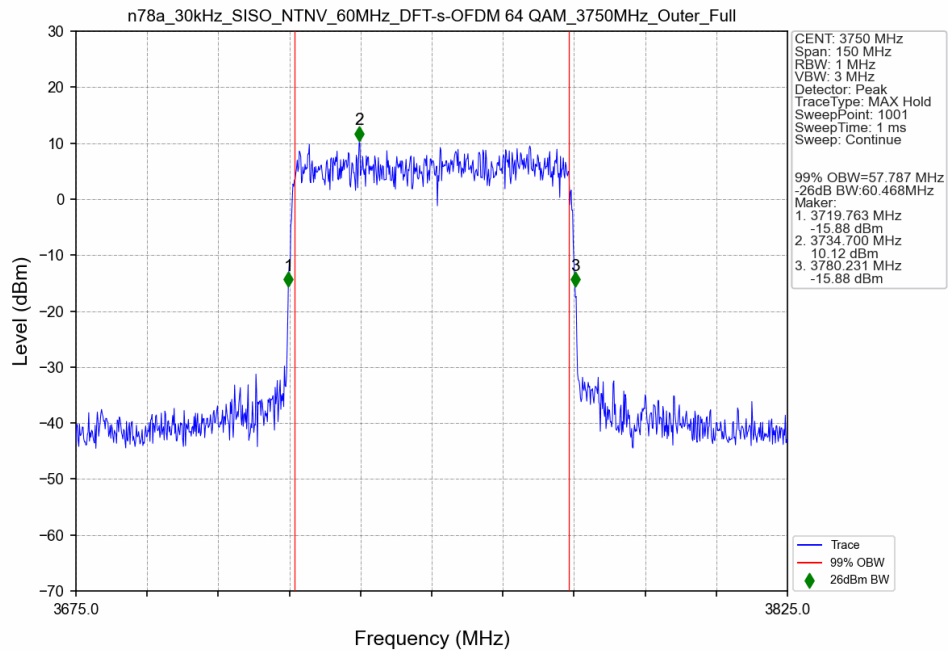
3.2.2 30_S_60M_NTNV



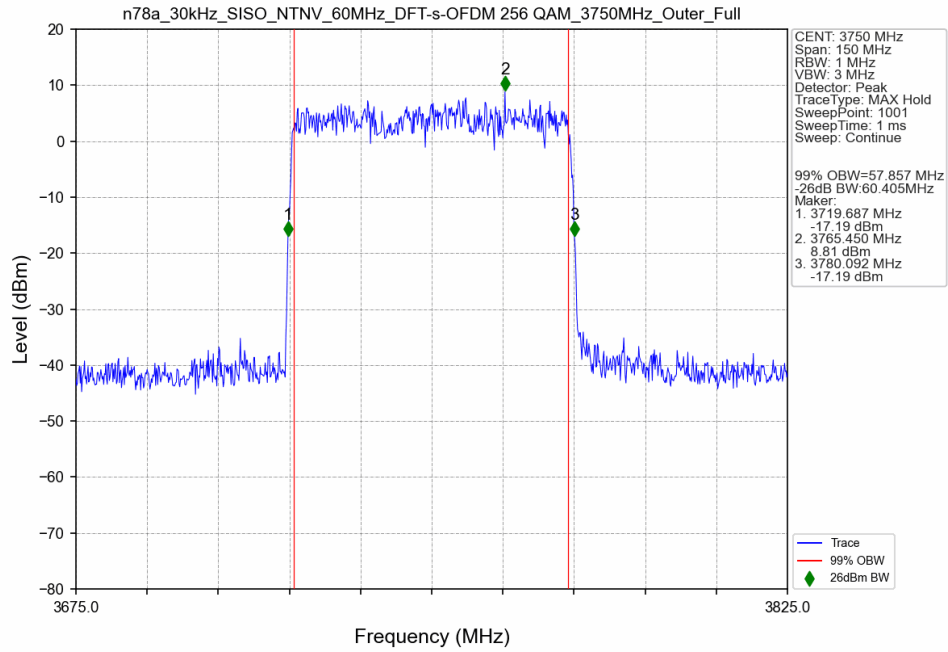
n78a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full_Ant4



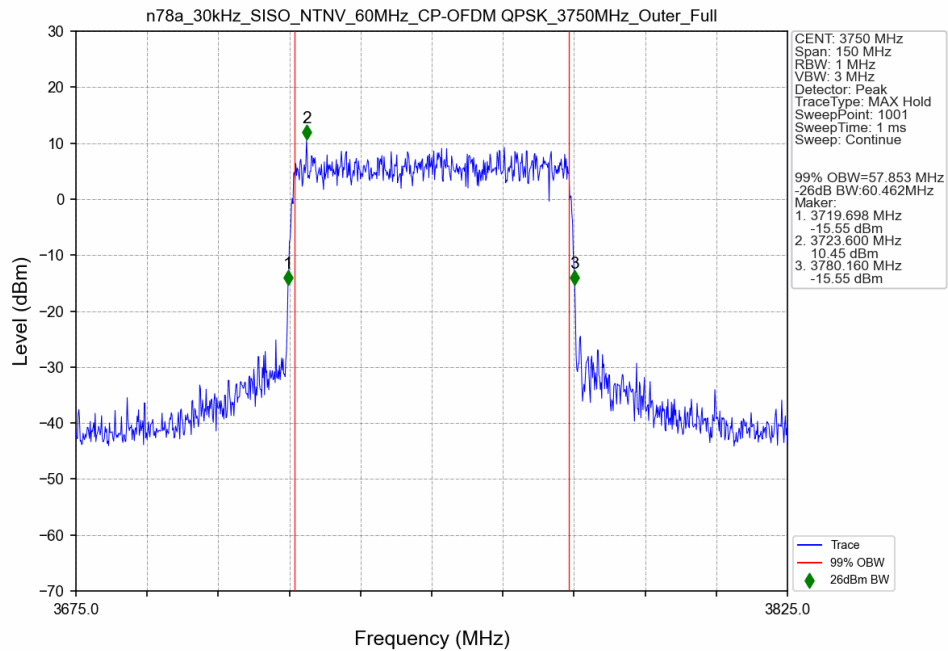
n78a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full_Ant4



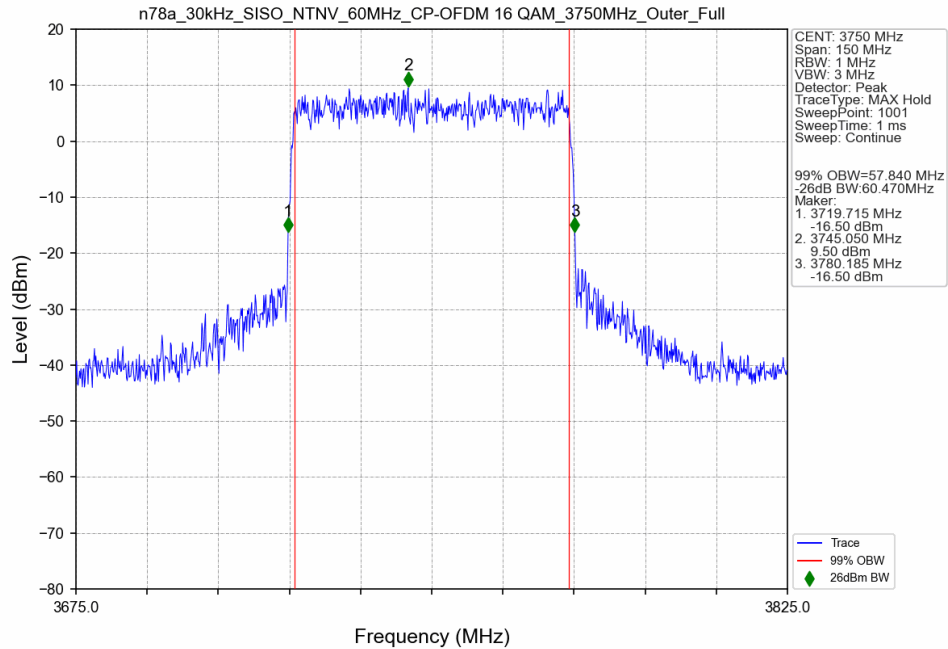
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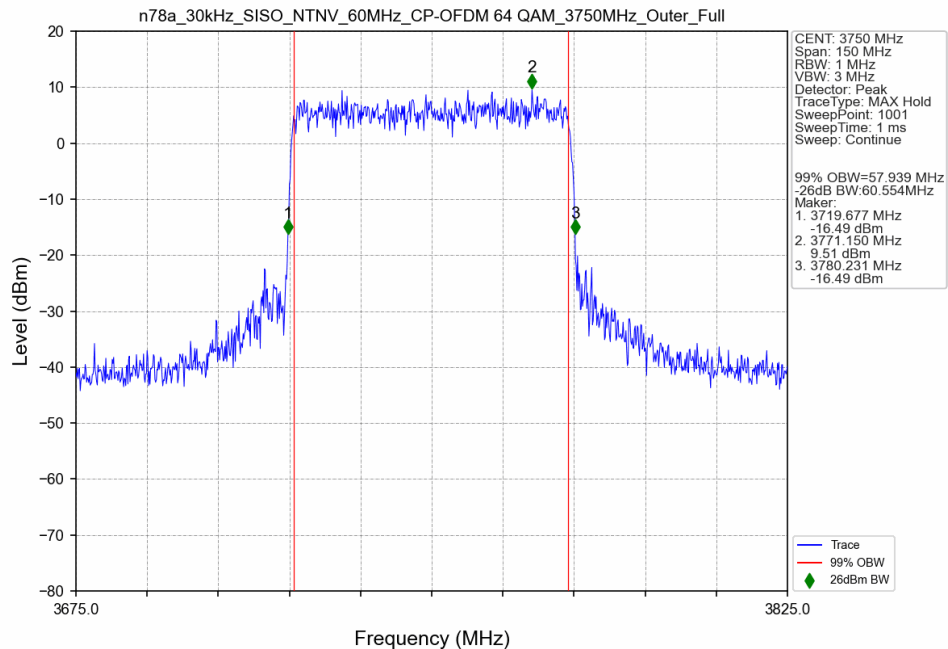
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant4

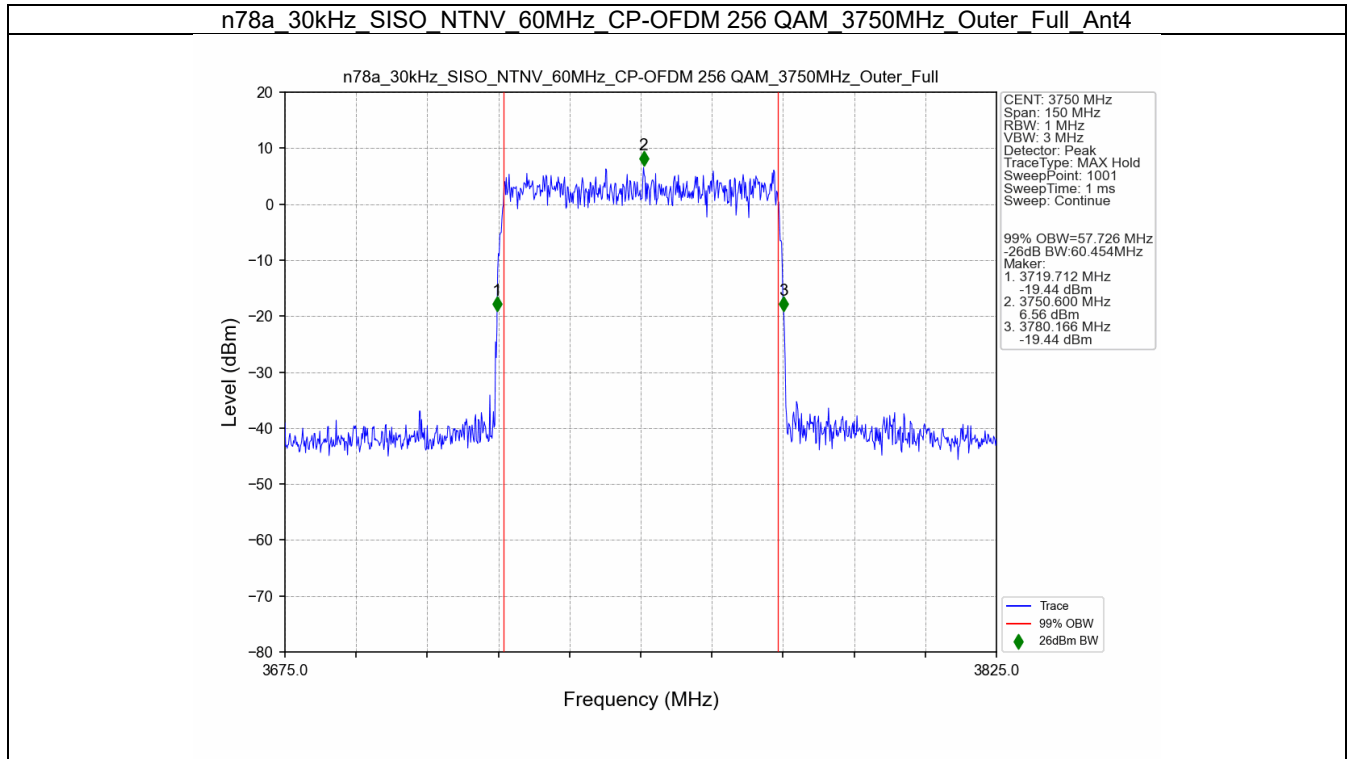


n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full_Ant4

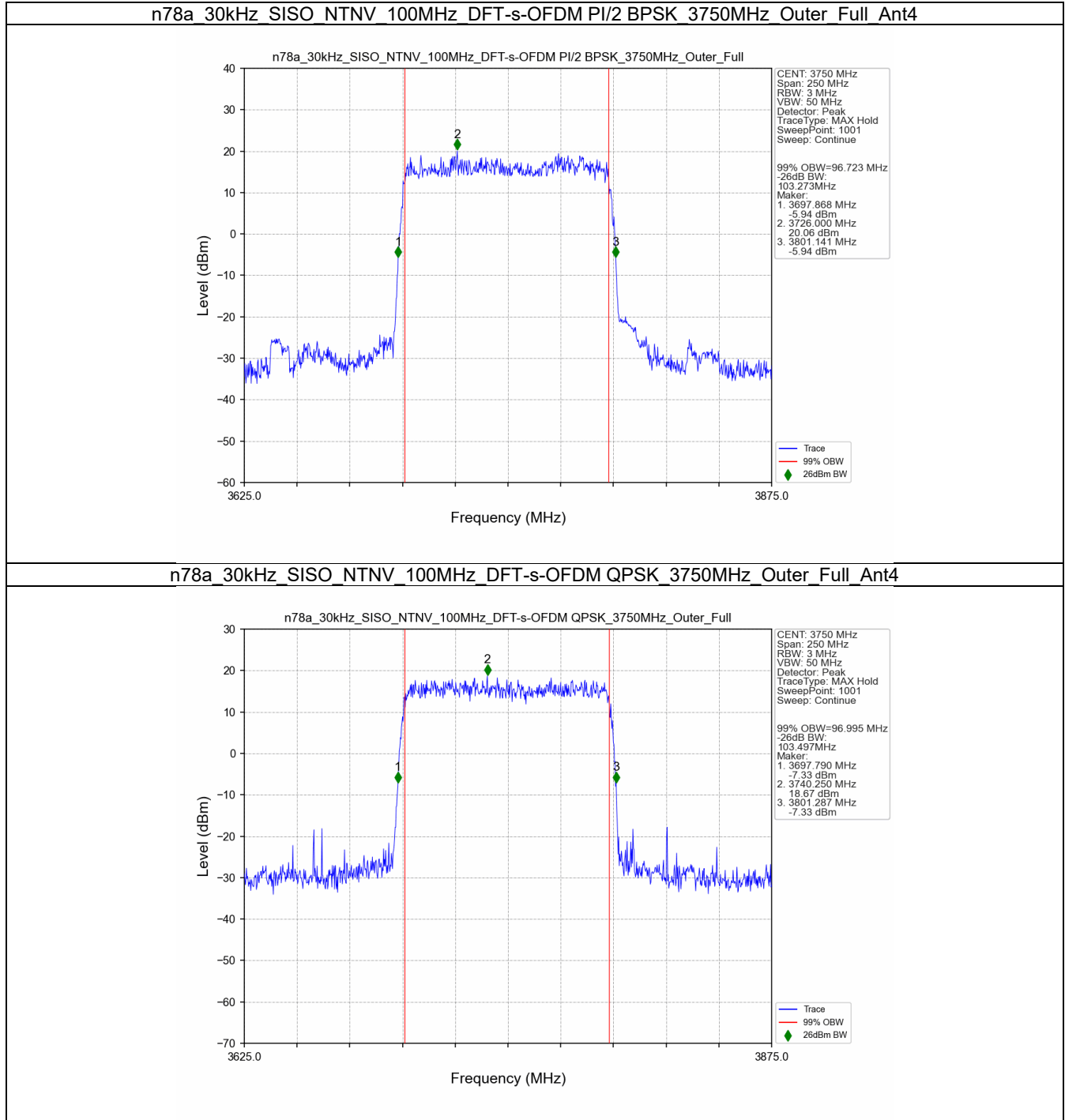


n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full_Ant4

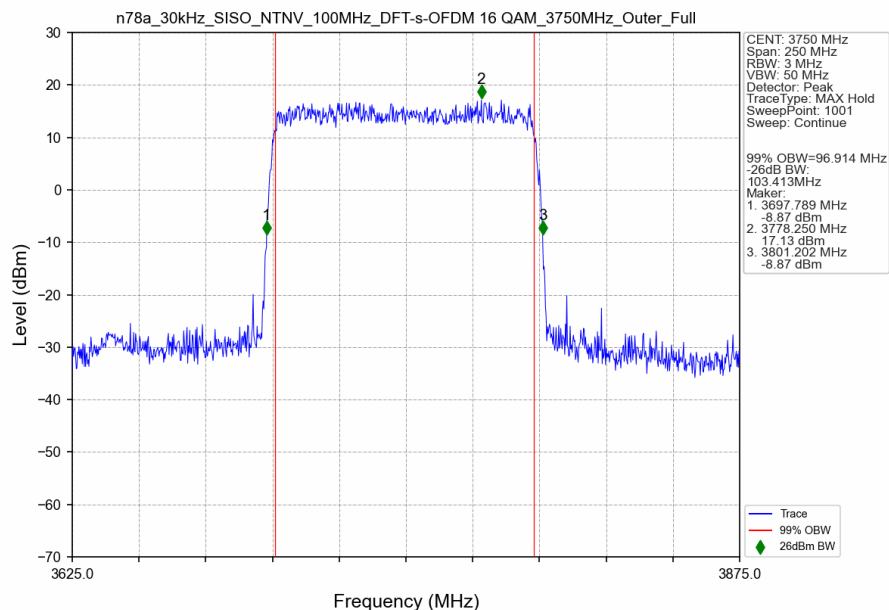




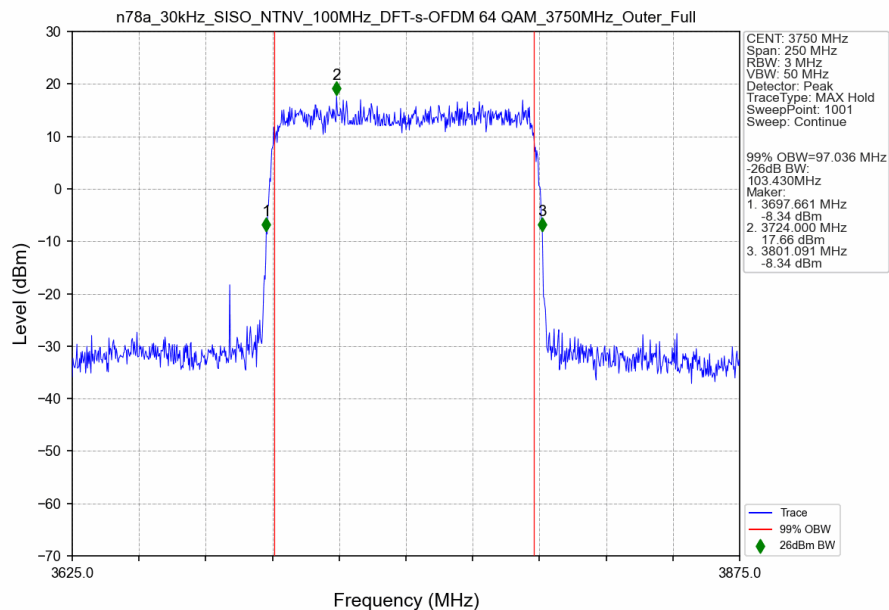
3.2.3 30_S_100M_NTNV



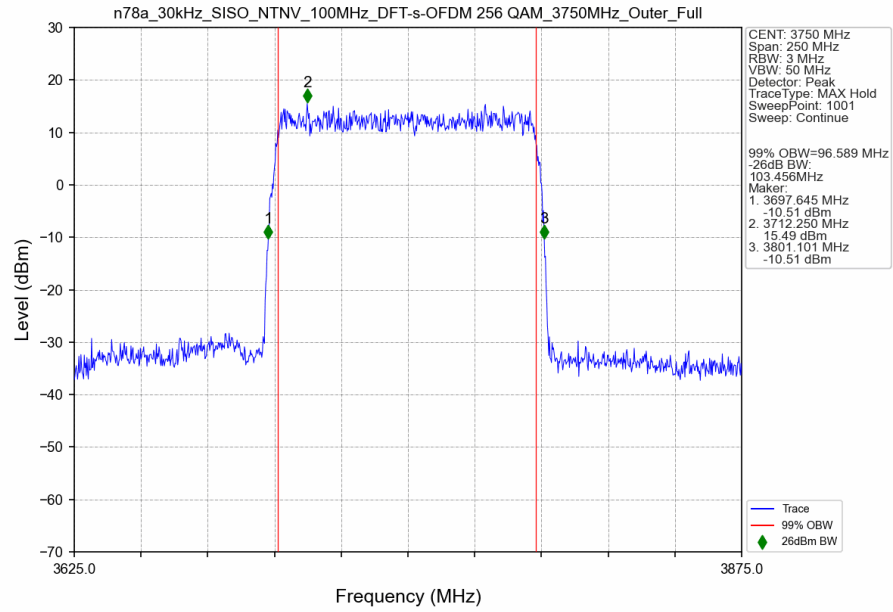
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3750MHz_Outer_Full_Ant4



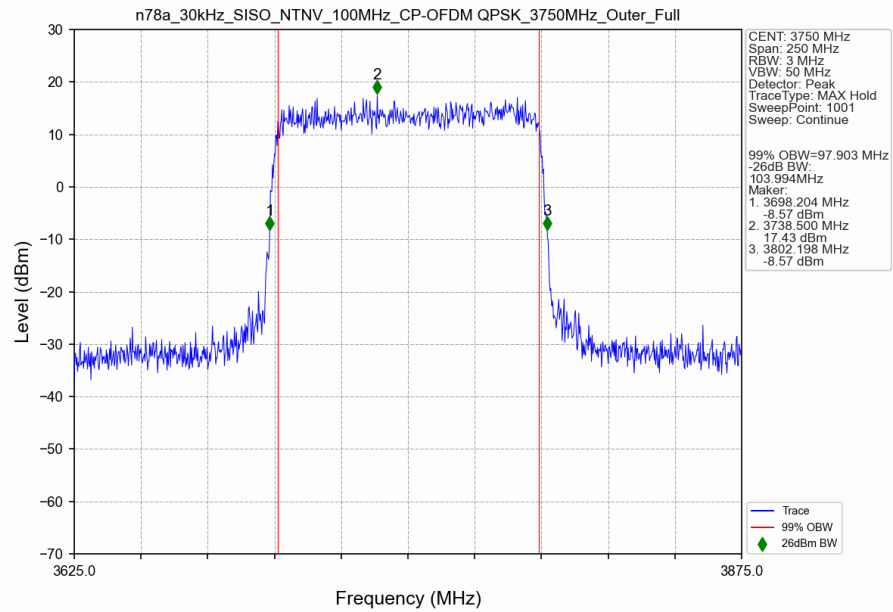
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3750MHz_Outer_Full_Ant4



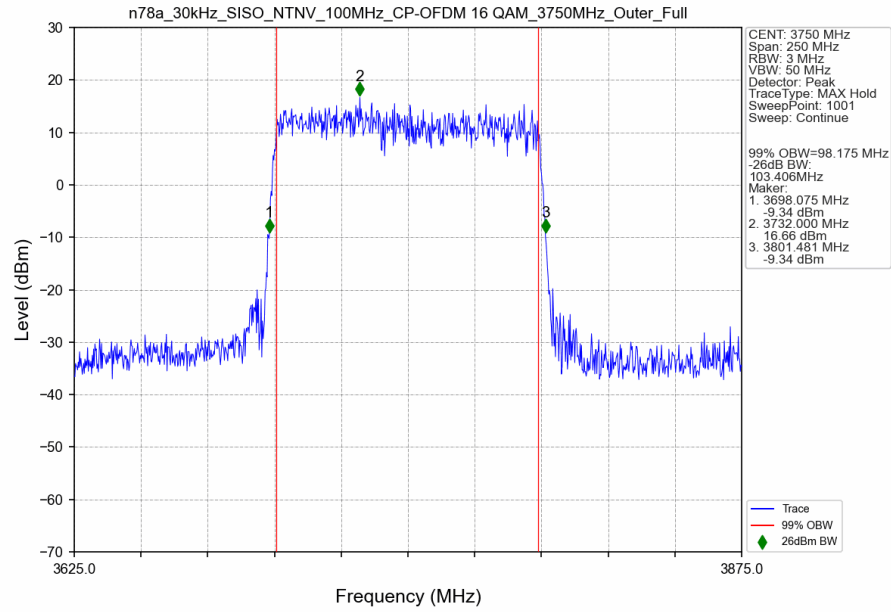
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full_Ant4



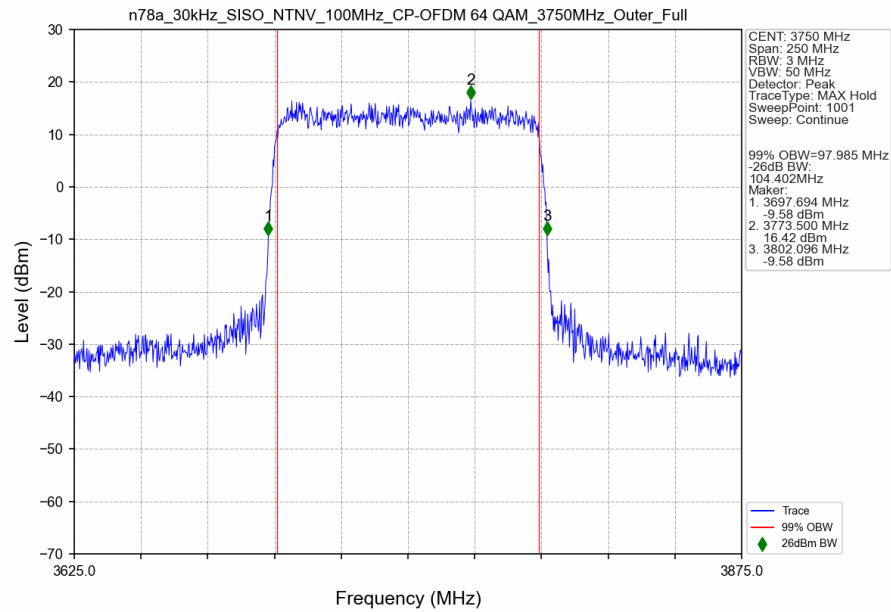
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant4



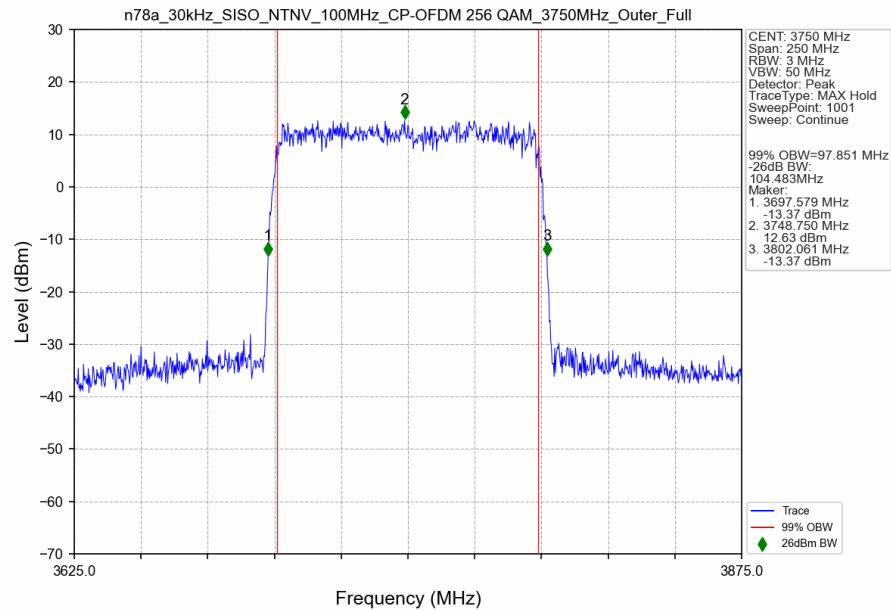
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full_Ant4



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full_Ant4



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full_Ant4





4. Peak-Average Ratio

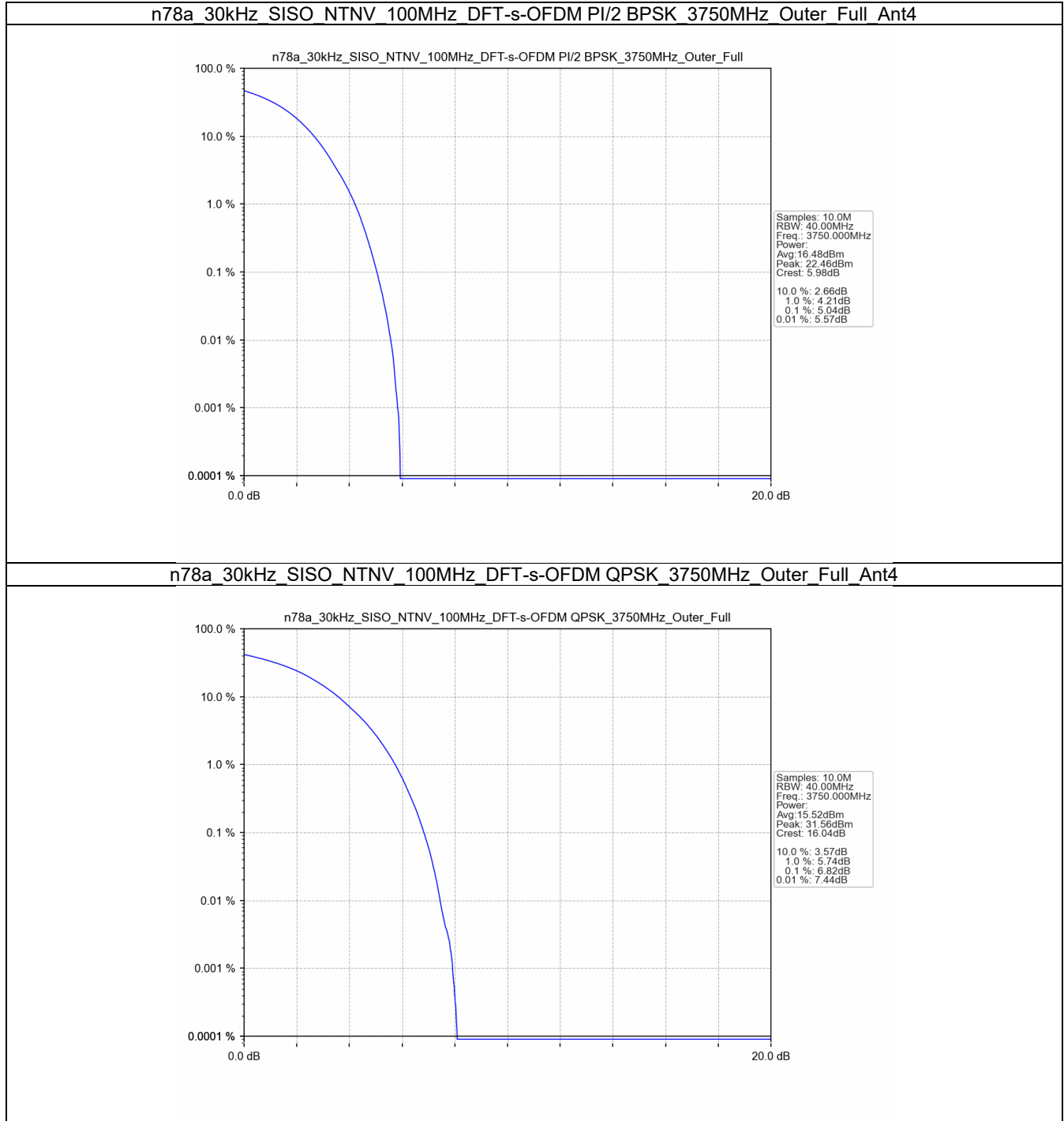
4.1 Test Result

4.1.1 30_S_100M_NTNV

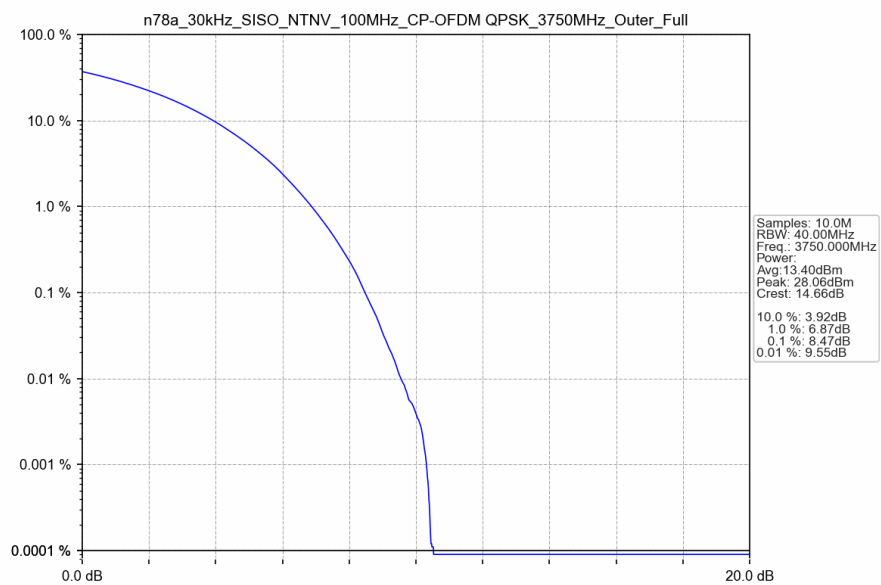
5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	5.04	/	/	<=13	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	6.82	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer_Full	8.47	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30_S_100M_NTNV



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant4



5. Spurious Emission

5.1 Test Result

5.1.1 30_S_20M_NTNV

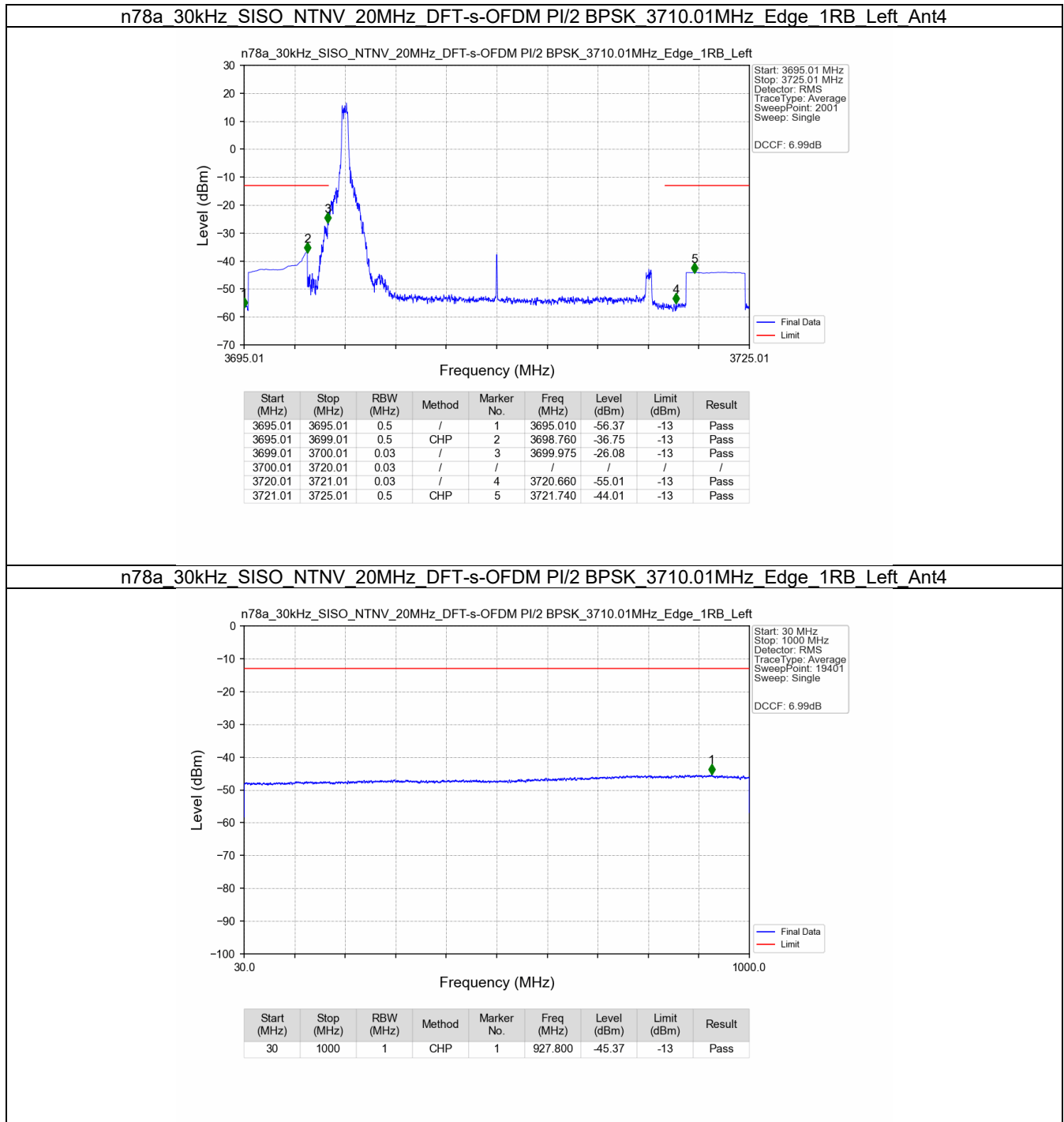
5G NR n78a SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3789.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3789.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3789.99	Outer_Full	Refer To Test Graph				Pass

5.1.2 30_S_100M_NTNV

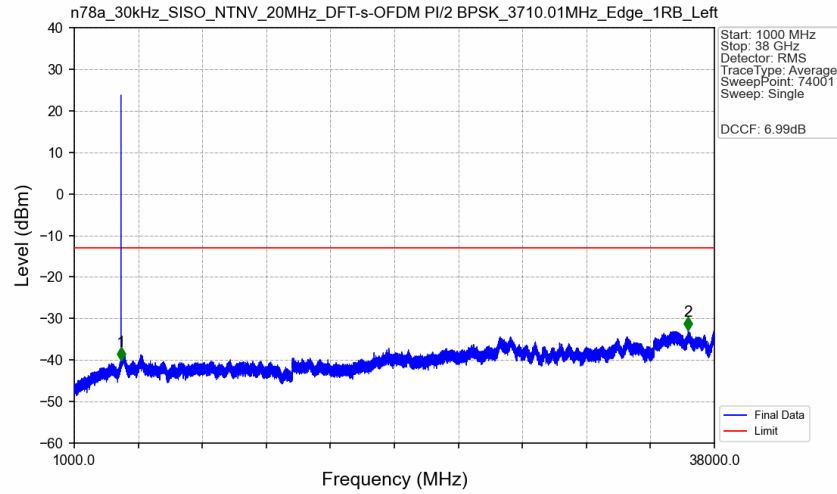
5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant4	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 30_S_20M_NTNV

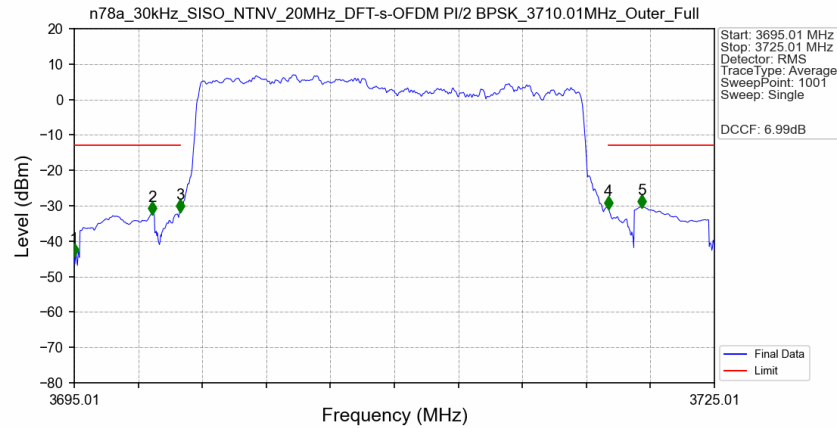


n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Edge_1RB_Left_Ant4



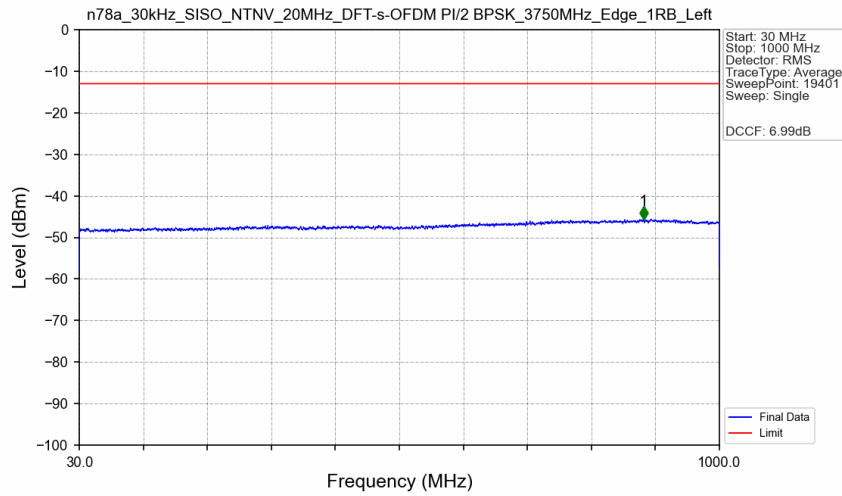
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3691.000	-40.10	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	38000	1	/	2	36482.000	-32.76	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Outer_Full_Ant4



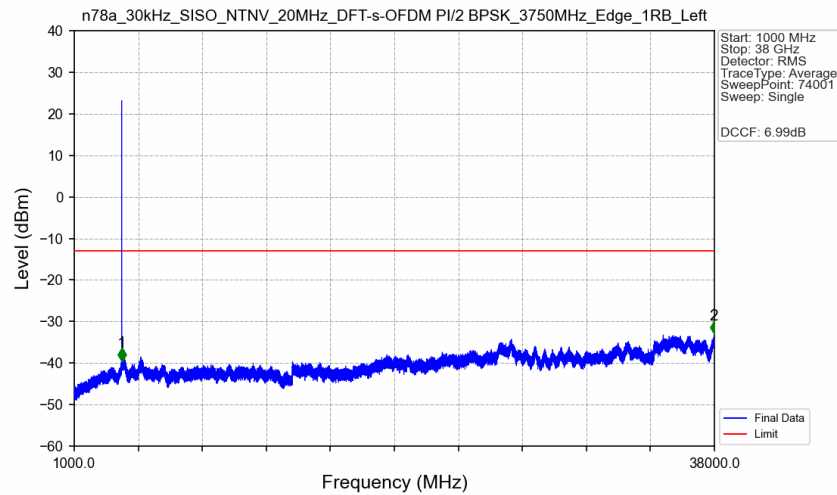
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-44.03	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.670	-32.20	-13	Pass
3699.01	3700.01	0.20028	CHP	3	3699.990	-31.55	-13	Pass
3700.01	3720.01	0.20028	CHP	/	/	/	/	/
3720.01	3721.01	0.20028	CHP	4	3720.030	-30.62	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.590	-30.32	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left_Ant4



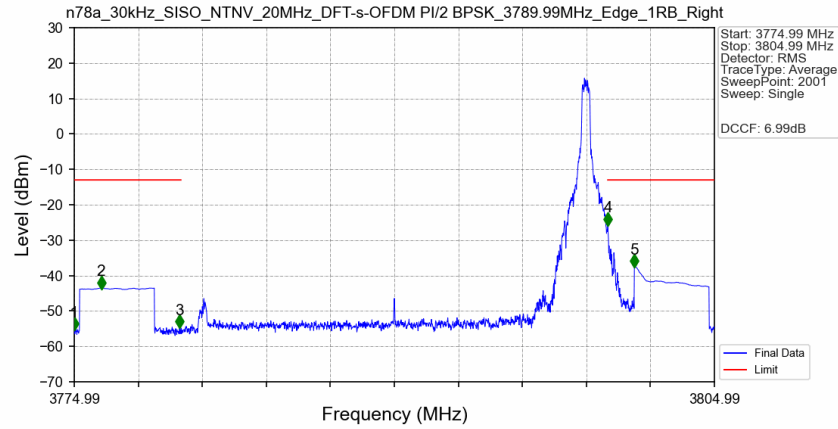
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	885.050	-45.62	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left_Ant4



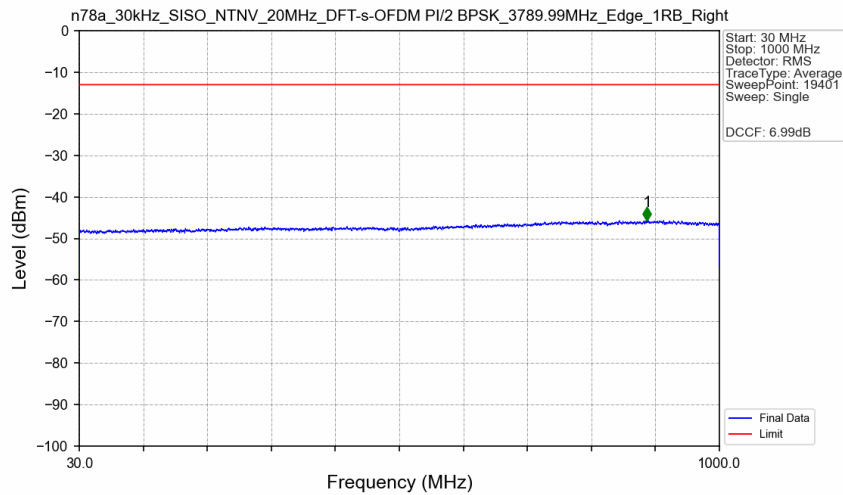
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3735	1	/	1	3733.500	-39.58	-13	Pass
3735	3765	1	/	/	/	/	/	/
3765	38000	1	/	2	37983.500	-32.98	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Edge_1RB_Right_Ant4



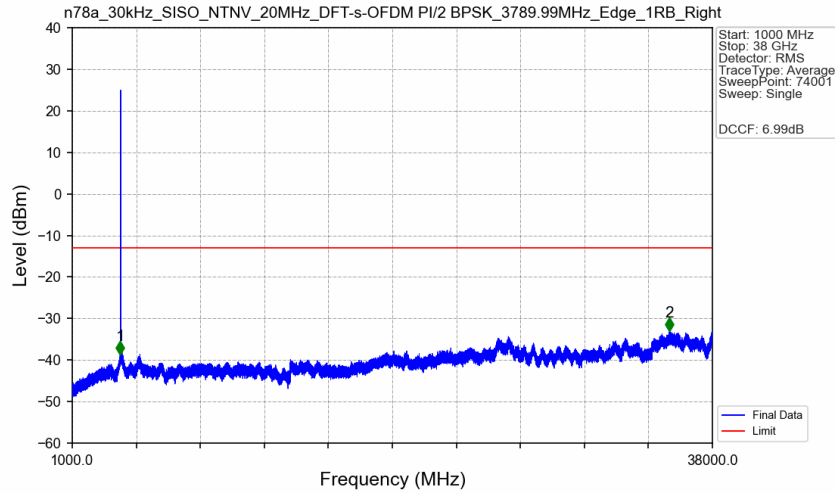
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3774.99	3774.99	0.5	/	1	3774.990	-55.20	-13	Pass
3774.99	3778.99	0.5	CHP	2	3776.250	-43.50	-13	Pass
3778.99	3779.99	0.03	/	3	3779.925	-54.45	-13	Pass
3779.99	3799.99	0.03	/	/	/	/	/	/
3799.99	3800.99	0.03	/	4	3799.995	-25.56	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.240	-37.49	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Edge_1RB_Right_Ant4

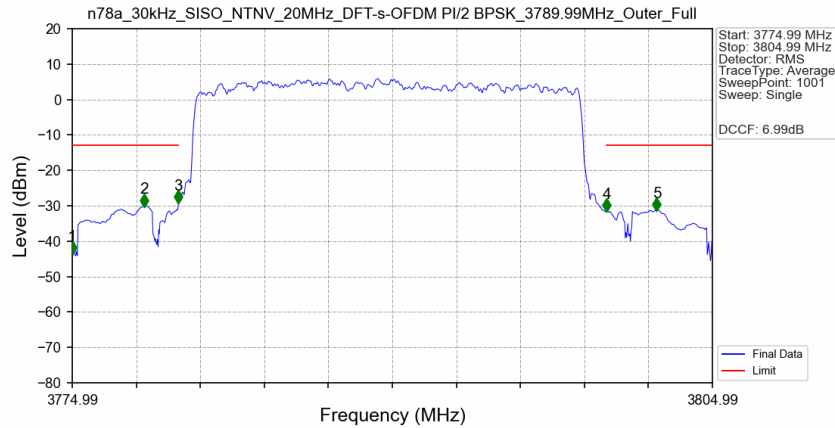


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.250	-45.63	-13	Pass

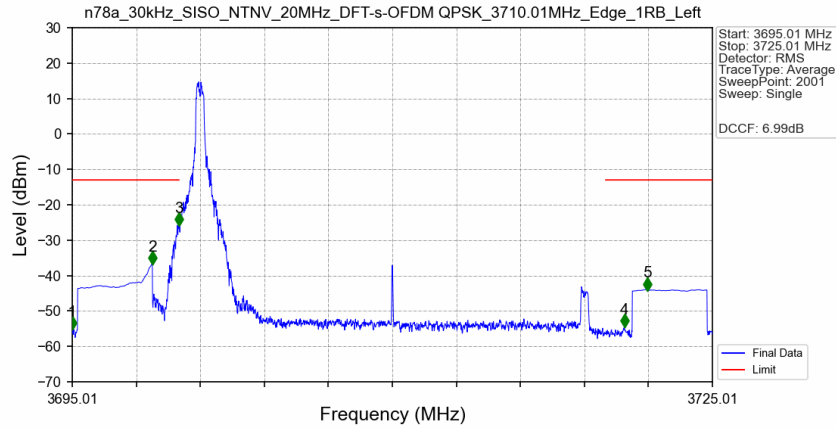
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Edge_1RB_Right_Ant4



n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3789.99MHz_Outer_Full_Ant4

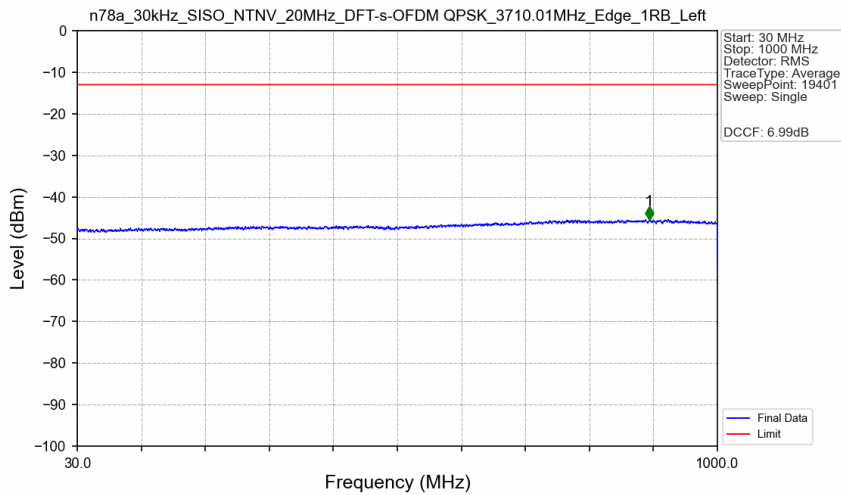


n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant4



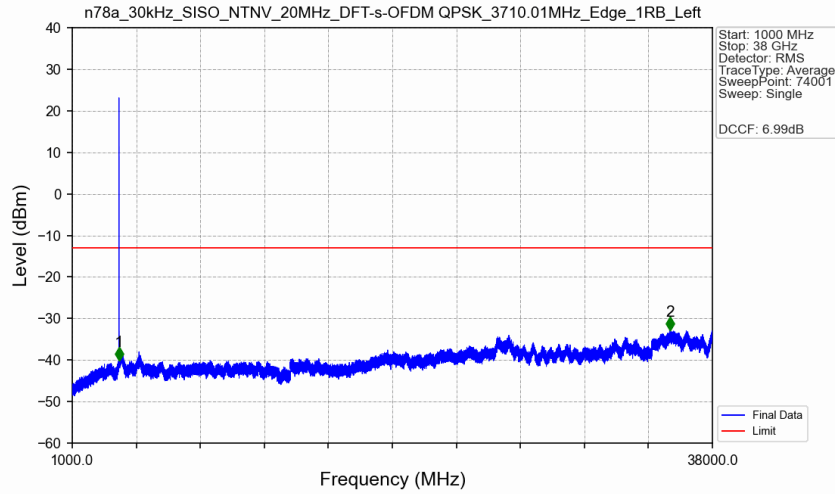
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-55.01	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-36.60	-13	Pass
3699.01	3700.01	0.03	/	3	3700.005	-25.70	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.885	-54.33	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.950	-43.93	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant4



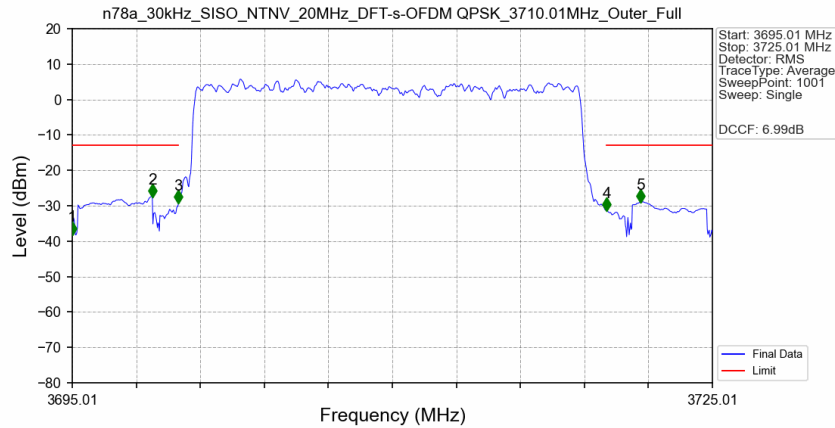
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	896.850	-45.42	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant4



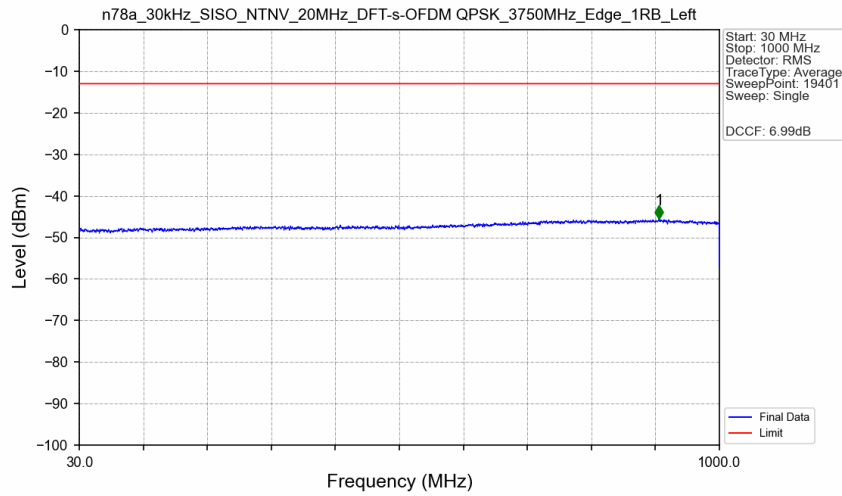
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3694.500	-40.09	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	38000	1	/	2	35563.500	-32.76	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Outer_Full_Ant4



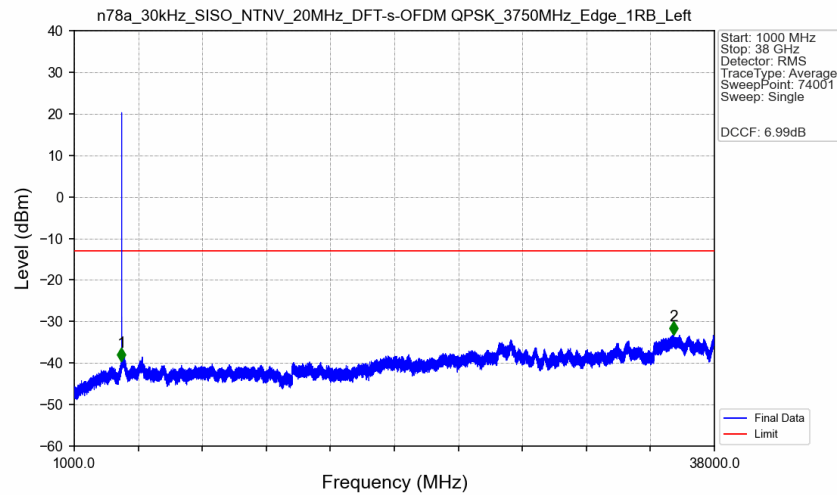
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-37.93	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-27.30	-13	Pass
3699.01	3700.01	0.20028	CHP	3	3699.990	-29.12	-13	Pass
3700.01	3720.01	0.20028	CHP	/	/	/	/	/
3720.01	3721.01	0.20028	CHP	4	3720.060	-31.14	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.650	-28.84	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4



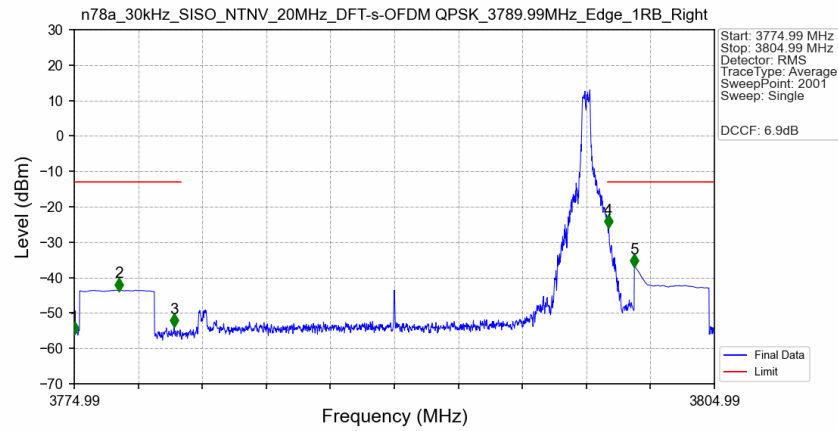
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	908.400	-45.48	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4



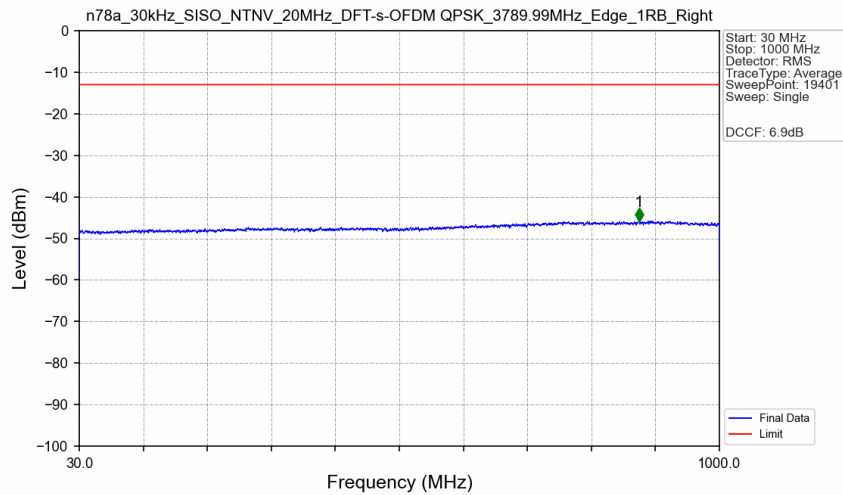
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3735	1	/	1	3723.000	-39.60	-13	Pass
3735	3765	1	/	/	/	/	/	/
3765	38000	1	/	2	35645.500	-33.15	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Edge_1RB_Right_Ant4



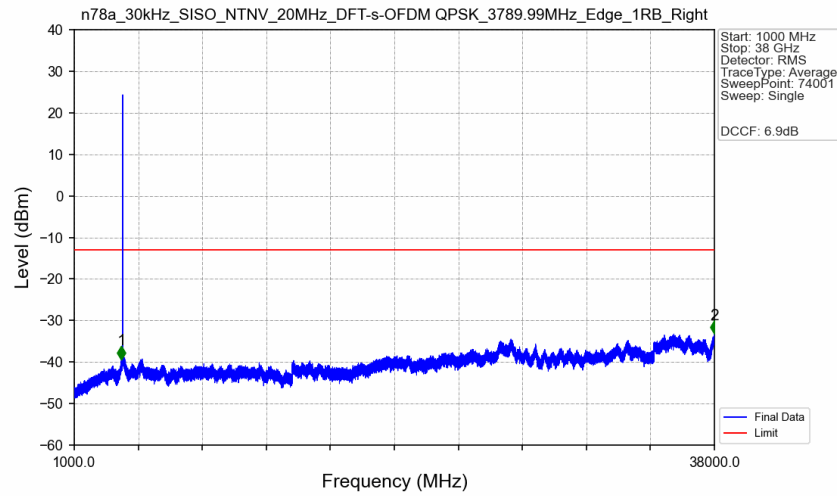
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3774.99	3774.99	0.5	/	1	3774.990	-55.83	-13	Pass
3774.99	3778.99	0.5	CHP	2	3777.075	-43.54	-13	Pass
3778.99	3779.99	0.03	/	3	3779.670	-53.65	-13	Pass
3779.99	3799.99	0.03	/	/	/	/	/	/
3799.99	3800.99	0.03	/	4	3800.025	-25.70	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.240	-36.76	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Edge_1RB_Right_Ant4



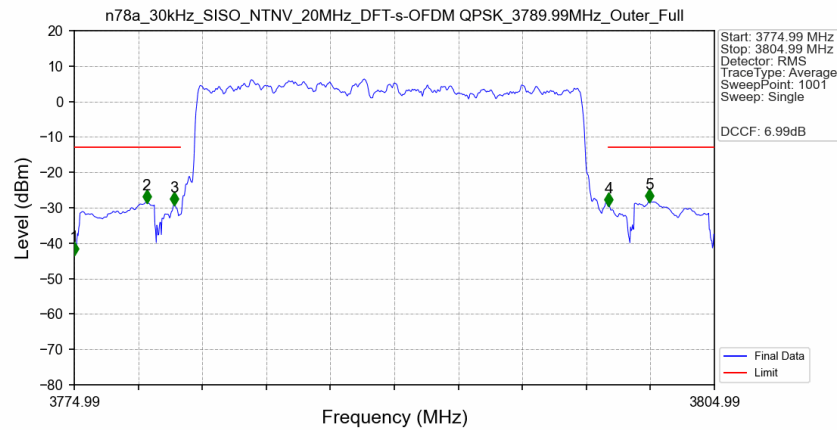
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.400	-45.76	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Edge_1RB_Right_Ant4



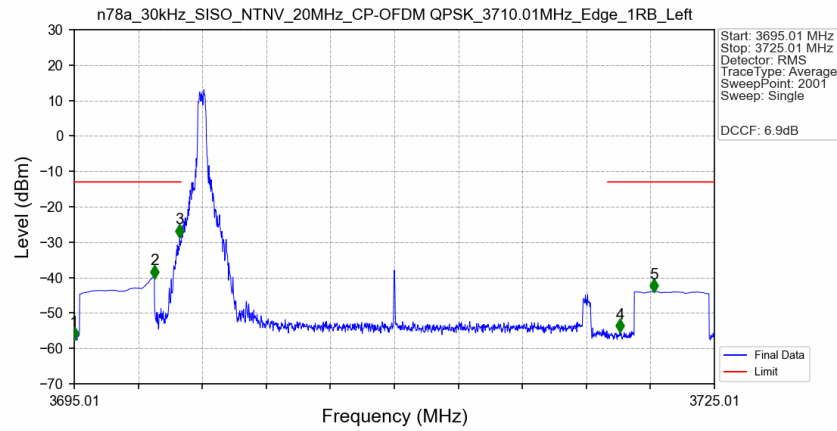
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3774.99	1	/	1	3720.000	-39.28	-13	Pass
3774.99	3804.99	1	/	/	/	/	/	/
3804.99	38000	1	/	2	37994.500	-33.24	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3789.99MHz_Outer_Full_Ant4



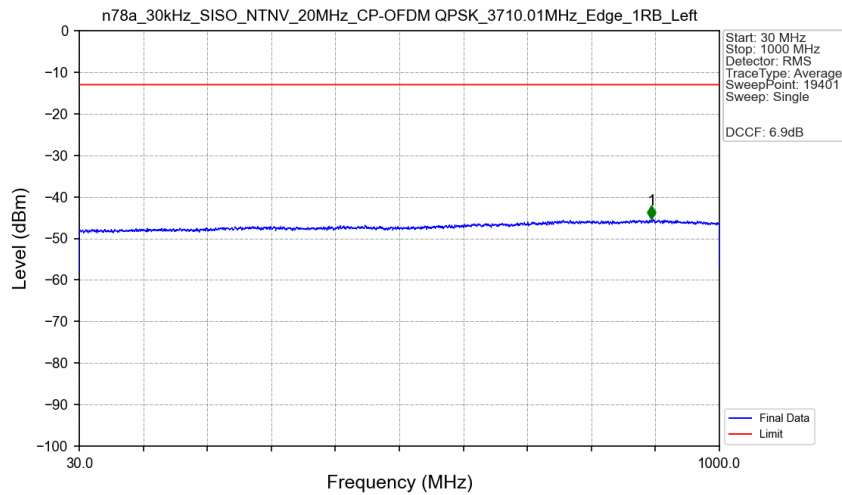
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3774.99	3774.99	0.5	/	1	3774.990	-43.03	-13	Pass
3774.99	3778.99	0.5	CHP	2	3778.380	-28.37	-13	Pass
3778.99	3779.99	0.20028	CHP	3	3779.670	-29.01	-13	Pass
3779.99	3799.99	0.20028	CHP	/	/	/	/	/
3799.99	3800.99	0.20028	CHP	4	3800.040	-29.26	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.930	-28.26	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant4



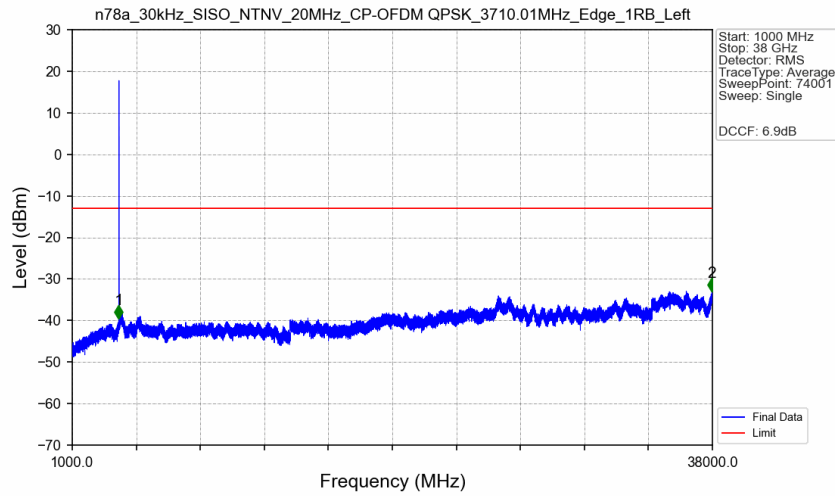
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-57.31	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-39.85	-13	Pass
3699.01	3700.01	0.03	/	3	3699.945	-28.35	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.585	-55.20	-13	Pass
3721.01	3725.01	0.5	CHP	5	3722.175	-43.83	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant4



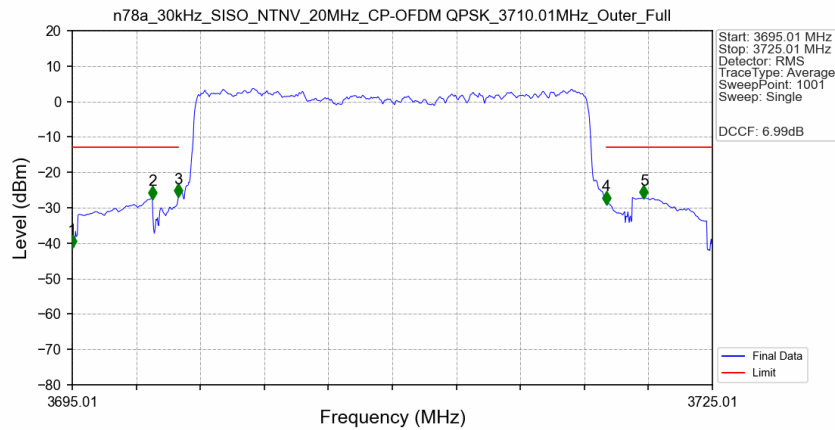
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	897.350	-45.28	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Edge_1RB_Left_Ant4



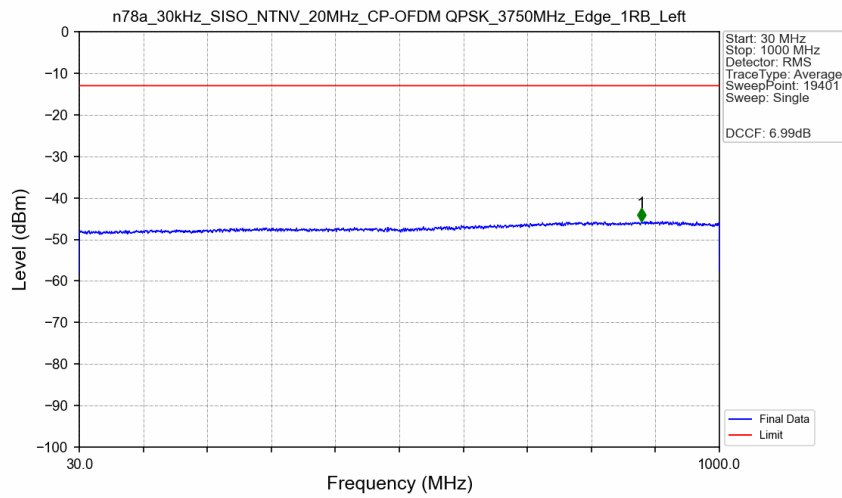
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3689.000	-39.46	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	38000	1	/	2	37971.500	-32.90	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Outer_Full_Ant4

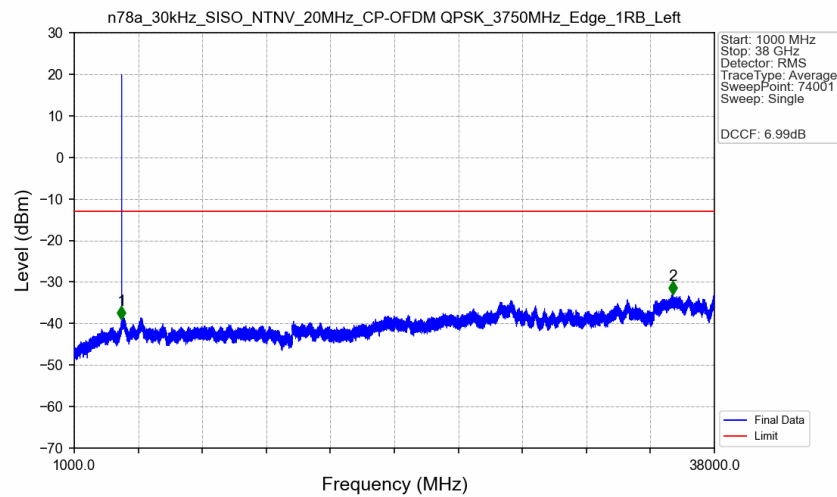


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-41.02	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-27.24	-13	Pass
3699.01	3700.01	0.20028	CHP	3	3699.990	-26.67	-13	Pass
3700.01	3720.01	0.20028	CHP	/	/	/	/	/
3720.01	3721.01	0.20028	CHP	4	3720.030	-28.76	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.800	-27.07	-13	Pass

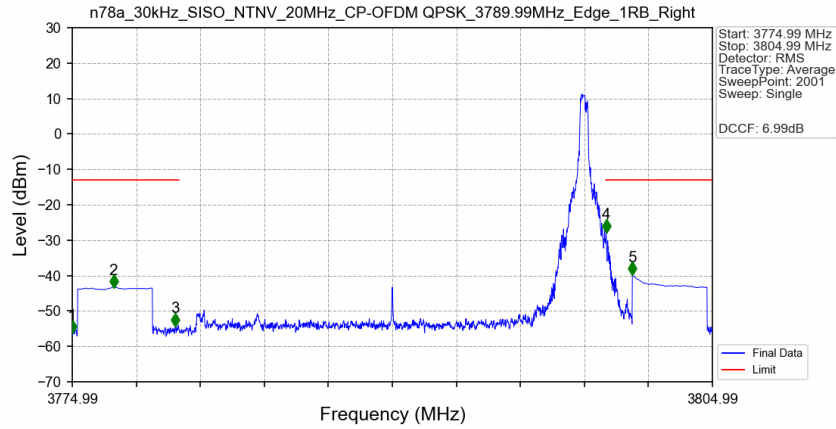
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4



n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4

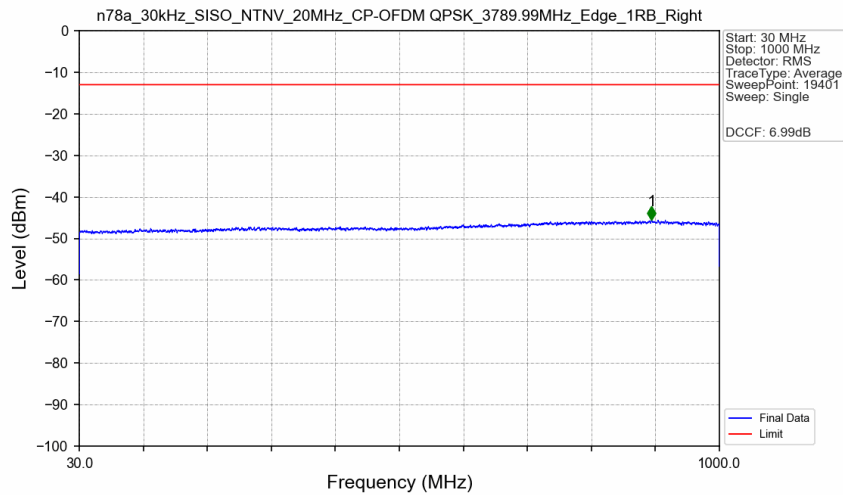


n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Edge_1RB_Right_Ant4



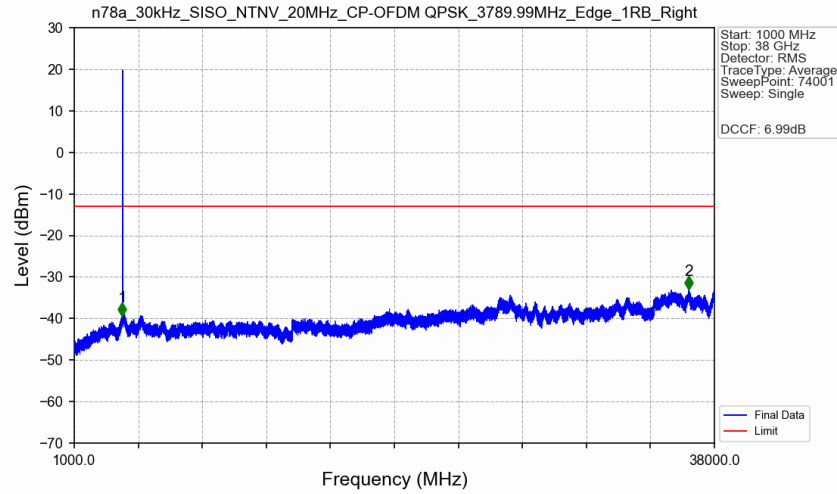
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3774.99	3774.99	0.5	/	1	3774.990	-55.94	-13	Pass
3774.99	3778.99	0.5	CHP	2	3776.925	-43.23	-13	Pass
3778.99	3779.99	0.03	/	3	3779.820	-53.99	-13	Pass
3779.99	3799.99	0.03	/	/	/	/	/	/
3799.99	3800.99	0.03	/	4	3800.010	-27.49	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.240	-39.59	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Edge_1RB_Right_Ant4



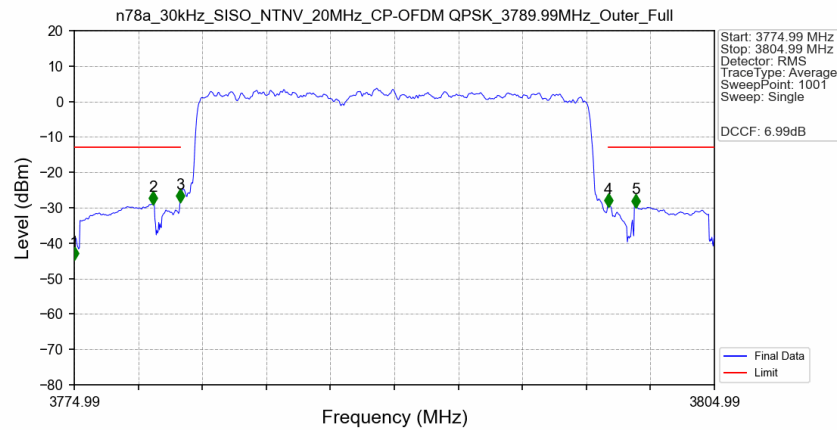
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	897.100	-45.54	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Edge_1RB_Right_Ant4



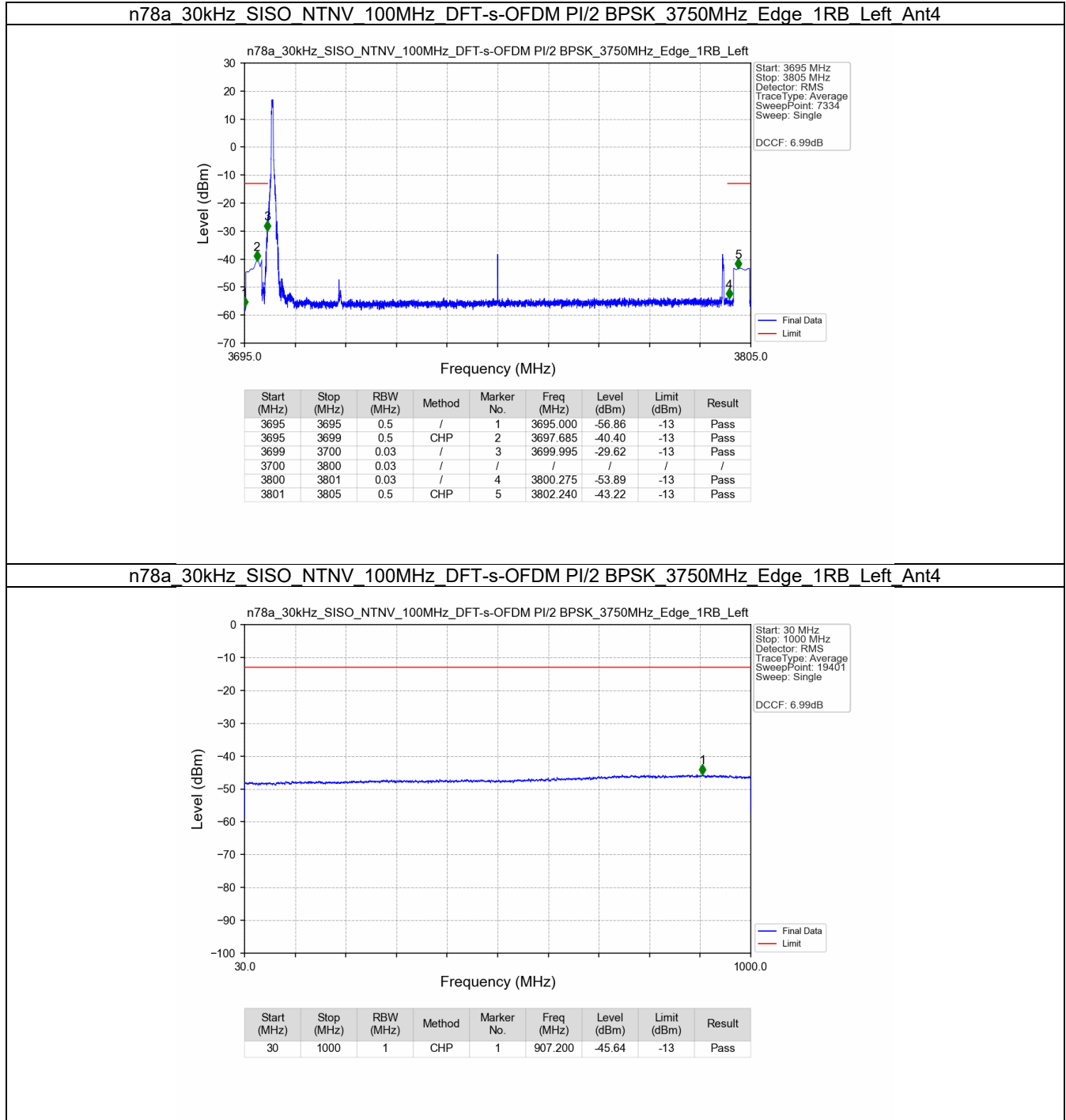
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3774.99	1	/	1	3770.000	-39.27	-13	Pass
3774.99	3804.99	1	/	/	/	/	/	/
3804.99	38000	1	/	2	36516.000	-32.89	-13	Pass

n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3789.99MHz_Outer_Full_Ant4

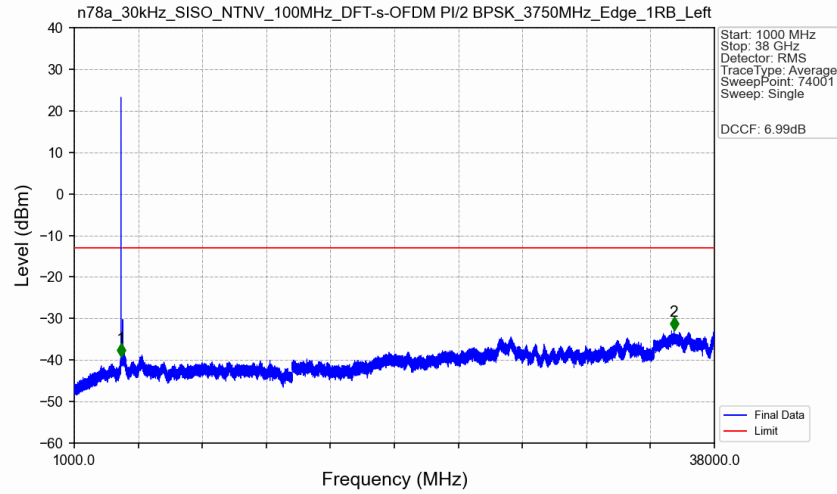


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3774.99	3774.99	0.5	/	1	3774.990	-44.42	-13	Pass
3774.99	3778.99	0.5	CHP	2	3778.680	-28.80	-13	Pass
3778.99	3779.99	0.20028	CHP	3	3779.970	-28.13	-13	Pass
3779.99	3799.99	0.20028	CHP	/	/	/	/	/
3799.99	3800.99	0.20028	CHP	4	3800.010	-29.46	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.300	-29.58	-13	Pass

5.2.2 30_S_100M_NTNV

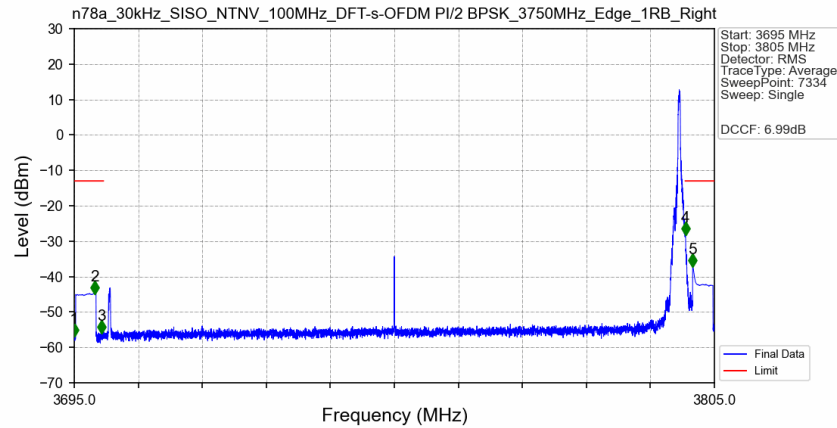


n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left_Ant4



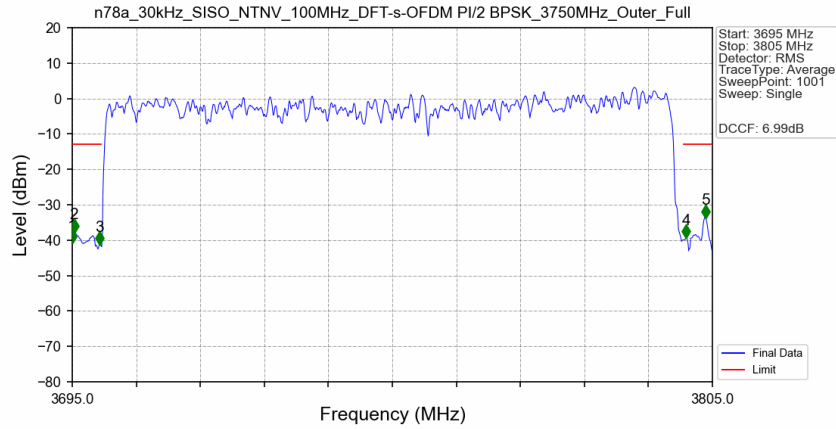
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3691.500	-39.23	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	38000	1	/	2	35665.000	-32.79	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Right_Ant4



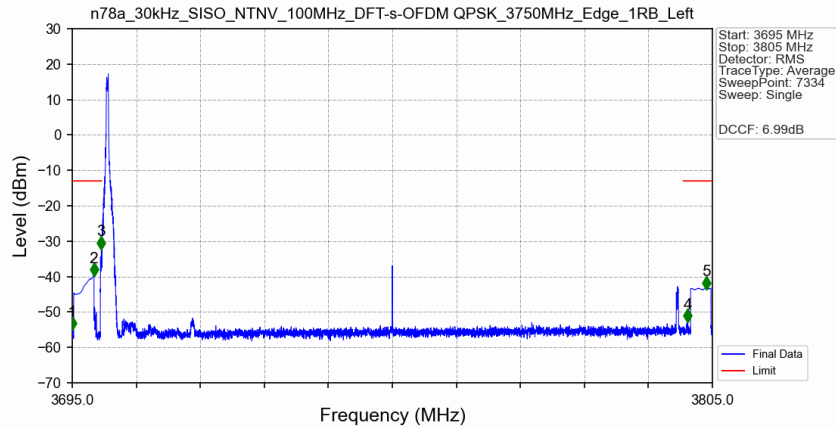
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-56.63	-13	Pass
3695	3699	0.5	CHP	2	3698.570	-44.72	-13	Pass
3699	3700	0.03	/	3	3699.665	-55.84	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.035	-28.08	-13	Pass
3801	3805	0.5	CHP	5	3801.265	-36.94	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full_Ant4



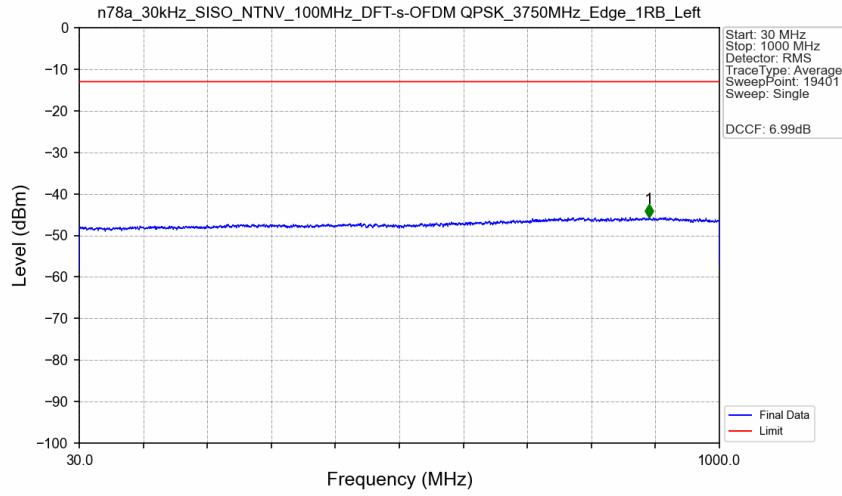
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-40.63	-13	Pass
3695	3699	0.5	CHP	2	3695.330	-37.48	-13	Pass
3699	3700	0.35	CHP	3	3699.730	-40.97	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.490	-39.16	-13	Pass
3801	3805	0.5	CHP	5	3803.790	-33.40	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4

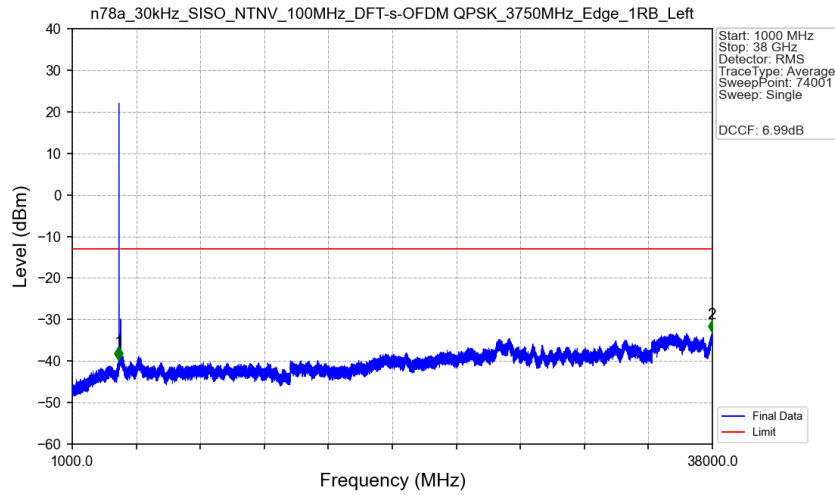


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-54.77	-13	Pass
3695	3699	0.5	CHP	2	3698.720	-39.52	-13	Pass
3699	3700	0.03	/	3	3699.995	-31.96	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.770	-52.60	-13	Pass
3801	3805	0.5	CHP	5	3803.905	-43.31	-13	Pass

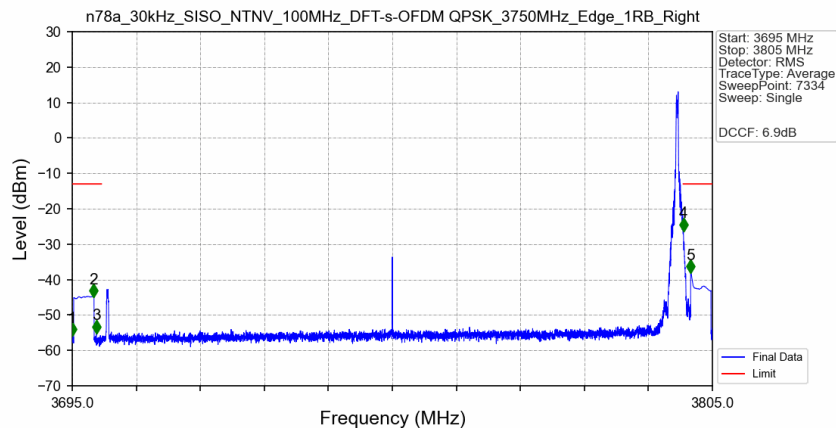
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4



n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4

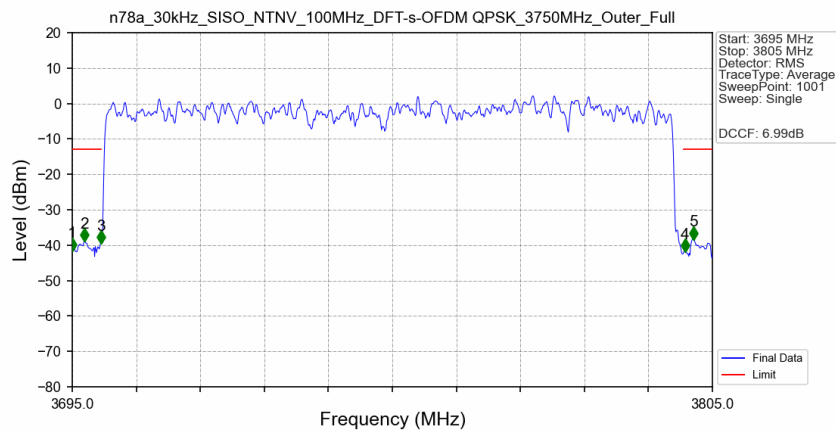


n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Edge_1RB_Right_Ant4



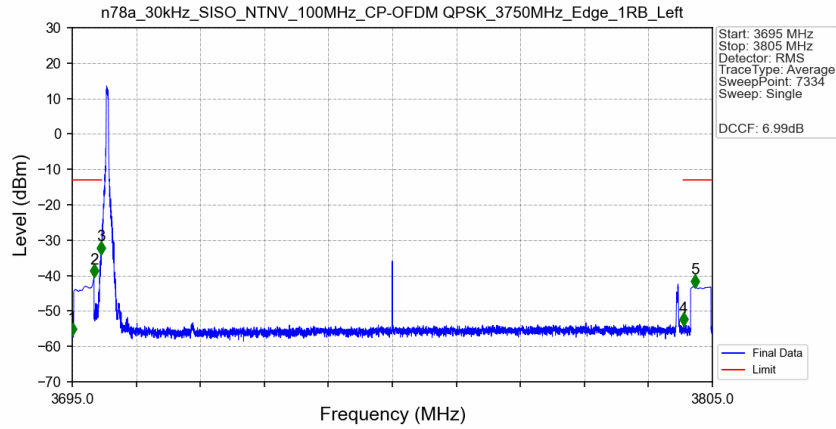
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-55.65	-13	Pass
3695	3699	0.5	CHP	2	3698.660	-44.72	-13	Pass
3699	3700	0.03	/	3	3699.125	-54.85	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.005	-25.97	-13	Pass
3801	3805	0.5	CHP	5	3801.265	-37.81	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant4



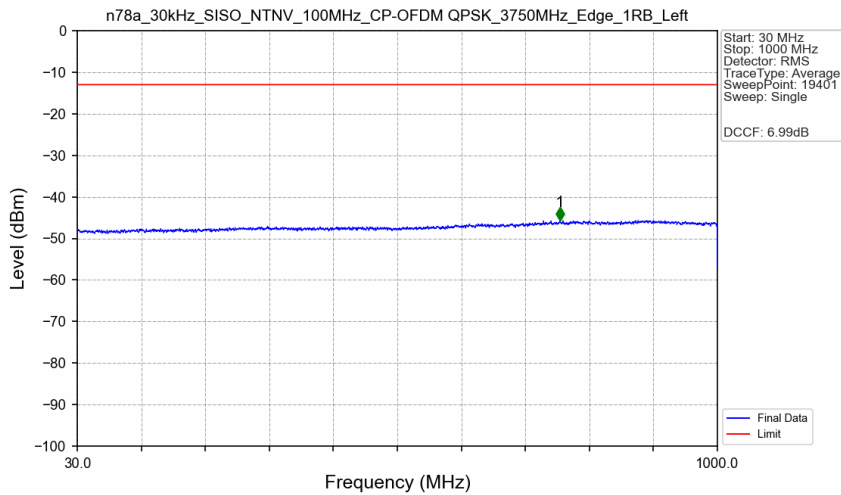
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-41.33	-13	Pass
3695	3699	0.5	CHP	2	3697.090	-38.72	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-39.33	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.270	-41.59	-13	Pass
3801	3805	0.5	CHP	5	3801.700	-38.10	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant4



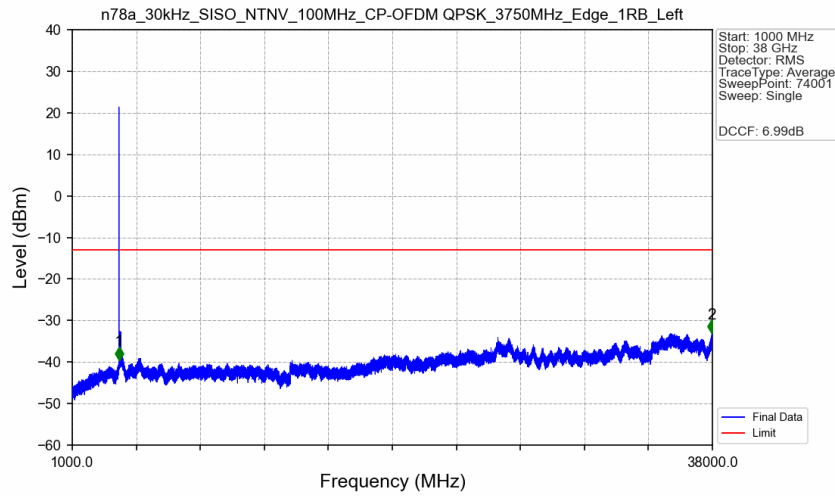
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-56.61	-13	Pass
3695	3699	0.5	CHP	2	3698.735	-40.13	-13	Pass
3699	3700	0.03	/	3	3699.905	-33.70	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.035	-53.90	-13	Pass
3801	3805	0.5	CHP	5	3802.015	-43.10	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant4

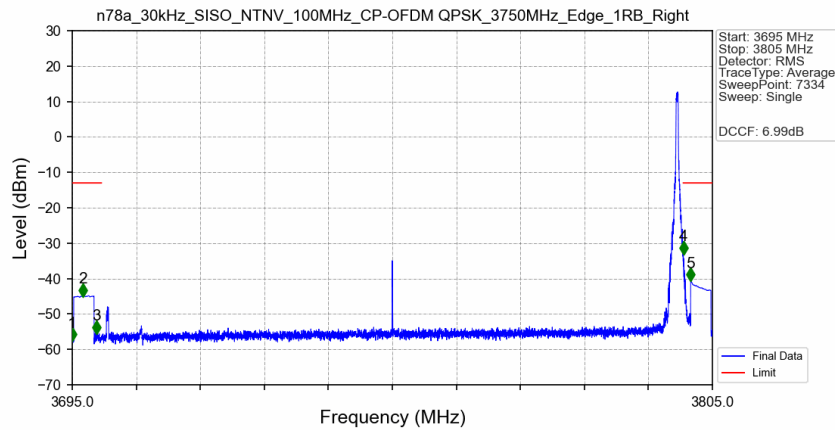


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	761.300	-45.63	-13	Pass

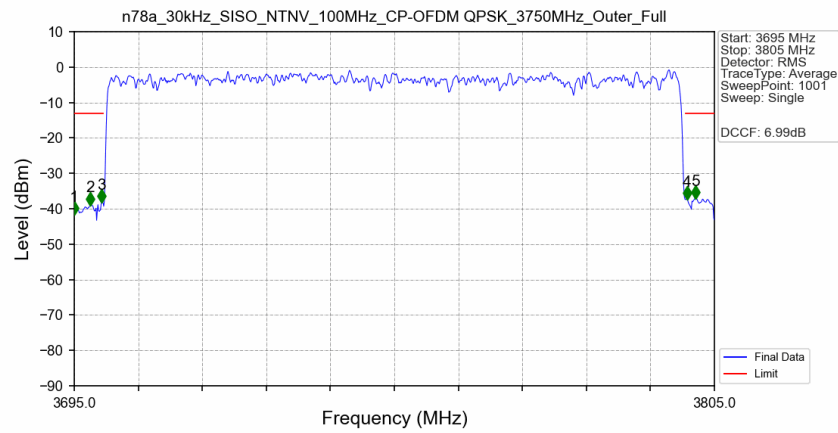
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant4



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Right_Ant4



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant4



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-41.43	-13	Pass
3695	3699	0.5	CHP	2	3697.750	-38.76	-13	Pass
3699	3700	0.35	CHP	3	3699.730	-38.05	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.270	-37.16	-13	Pass
3801	3805	0.5	CHP	5	3801.700	-36.96	-13	Pass

---End---