



Appendix A.1

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.12	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	21.34	/	/	<=30	Pass
		Outer_Full	25.04	/	/	24.20	/	/	<=30	Pass
		Inner_Full	25.54	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	24.82	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.98	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.11	/	/	<=30	Pass
		Outer_Full	24.98	/	/	24.14	/	/	<=30	Pass
		Inner_Full	25.46	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	25.47	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	24.66	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.96	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	21.14	/	/	<=30	Pass
		Outer_Full	24.96	/	/	24.12	/	/	<=30	Pass
		Inner_Full	25.49	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	25.45	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	24.70	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.11	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	21.32	/	/	<=30	Pass
		Outer_Full	24.53	/	/	23.69	/	/	<=30	Pass
		Inner_Full	25.47	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	24.77	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.90	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	21.10	/	/	<=30	Pass
		Outer_Full	24.45	/	/	23.61	/	/	<=30	Pass
		Inner_Full	25.44	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	25.49	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	25.52	/	/	24.68	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.90	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	21.17	/	/	<=30	Pass
		Outer_Full	24.49	/	/	23.65	/	/	<=30	Pass
		Inner_Full	25.52	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	25.45	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	25.51	/	/	24.67	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.08	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	21.34	/	/	<=30	Pass
		Outer_Full	23.50	/	/	22.66	/	/	<=30	Pass
		Inner_Full	24.53	/	/	23.69	/	/	<=30	Pass

		Inner 1RB Left	24.60	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Right	24.68	/	/	23.84	/	/	<=30	Pass
	3840	Edge 1RB Left	21.84	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	21.17	/	/	<=30	Pass
		Outer Full	23.46	/	/	22.62	/	/	<=30	Pass
		Inner Full	24.39	/	/	23.55	/	/	<=30	Pass
		Inner 1RB Left	24.50	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Right	24.49	/	/	23.65	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.93	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	21.16	/	/	<=30	Pass
		Outer Full	23.52	/	/	22.68	/	/	<=30	Pass
		Inner Full	24.51	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Left	24.44	/	/	23.60	/	/	<=30	Pass
		Inner 1RB Right	24.64	/	/	23.80	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	22.03	/	/	21.19	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	21.29	/	/	<=30	Pass
		Outer Full	23.05	/	/	22.21	/	/	<=30	Pass
		Inner Full	23.05	/	/	22.21	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	22.82	/	/	21.98	/	/	<=30	Pass
	3840	Edge 1RB Left	21.85	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	21.24	/	/	<=30	Pass
		Outer Full	22.89	/	/	22.05	/	/	<=30	Pass
		Inner Full	22.91	/	/	22.07	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	22.13	/	/	<=30	Pass
		Inner 1RB Right	23.00	/	/	22.16	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.73	/	/	20.89	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	21.16	/	/	<=30	Pass
		Outer Full	23.01	/	/	22.17	/	/	<=30	Pass
		Inner Full	22.97	/	/	22.13	/	/	<=30	Pass
		Inner 1RB Left	22.80	/	/	21.96	/	/	<=30	Pass
		Inner 1RB Right	22.97	/	/	22.13	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	20.89	/	/	20.05	/	/	<=30	Pass
		Edge 1RB Right	21.00	/	/	20.16	/	/	<=30	Pass
		Outer Full	21.11	/	/	20.27	/	/	<=30	Pass
		Inner Full	20.99	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Left	21.16	/	/	20.32	/	/	<=30	Pass
		Inner 1RB Right	21.22	/	/	20.38	/	/	<=30	Pass
	3840	Edge 1RB Left	20.99	/	/	20.15	/	/	<=30	Pass
		Edge 1RB Right	20.96	/	/	20.12	/	/	<=30	Pass
		Outer Full	20.92	/	/	20.08	/	/	<=30	Pass
		Inner Full	20.87	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	20.93	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Right	20.98	/	/	20.14	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.03	/	/	20.19	/	/	<=30	Pass
		Edge 1RB Right	20.94	/	/	20.10	/	/	<=30	Pass
		Outer Full	21.04	/	/	20.20	/	/	<=30	Pass
		Inner Full	20.95	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Left	20.86	/	/	20.02	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	20.16	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	22.15	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	21.34	/	/	<=30	Pass
		Outer Full	22.51	/	/	21.67	/	/	<=30	Pass

		Inner Full	23.94	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Left	24.14	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Right	24.20	/	/	23.36	/	/	<=30	Pass
	3840	Edge 1RB Left	21.96	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	21.11	/	/	<=30	Pass
		Outer Full	22.49	/	/	21.65	/	/	<=30	Pass
		Inner Full	23.90	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Left	23.99	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Right	23.95	/	/	23.11	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.93	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	21.25	/	/	<=30	Pass
		Outer Full	22.55	/	/	21.71	/	/	<=30	Pass
		Inner Full	24.04	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Left	23.95	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Right	23.98	/	/	23.14	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	22.12	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	21.25	/	/	<=30	Pass
		Outer Full	22.60	/	/	21.76	/	/	<=30	Pass
		Inner Full	23.52	/	/	22.68	/	/	<=30	Pass
		Inner 1RB Left	23.56	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	23.76	/	/	22.92	/	/	<=30	Pass
	3840	Edge 1RB Left	22.11	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	21.80	/	/	20.96	/	/	<=30	Pass
		Outer Full	22.44	/	/	21.60	/	/	<=30	Pass
		Inner Full	23.51	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Left	23.56	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	23.56	/	/	22.72	/	/	<=30	Pass
	3969.99	Edge 1RB Left	22.01	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	21.11	/	/	<=30	Pass
		Outer Full	22.55	/	/	21.71	/	/	<=30	Pass
		Inner Full	23.51	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Right	23.56	/	/	22.72	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	22.10	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	21.19	/	/	<=30	Pass
		Outer Full	22.02	/	/	21.18	/	/	<=30	Pass
		Inner Full	22.10	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Left	22.10	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	21.18	/	/	<=30	Pass
	3840	Edge 1RB Left	21.88	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	21.08	/	/	<=30	Pass
		Outer Full	22.01	/	/	21.17	/	/	<=30	Pass
		Inner Full	21.93	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Left	22.03	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	21.04	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.76	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	21.24	/	/	<=30	Pass
		Outer Full	21.95	/	/	21.11	/	/	<=30	Pass
		Inner Full	21.97	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	22.07	/	/	21.23	/	/	<=30	Pass
		Inner 1RB Right	22.17	/	/	21.33	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge 1RB Left	18.95	/	/	18.11	/	/	<=30	Pass
		Edge 1RB Right	19.20	/	/	18.36	/	/	<=30	Pass

		Outer_Full	19.05	/	/	18.21	/	/	<=30	Pass
		Inner_Full	18.94	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Left	19.05	/	/	18.21	/	/	<=30	Pass
		Inner_1RB_Right	19.02	/	/	18.18	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.95	/	/	18.11	/	/	<=30	Pass
		Edge_1RB_Right	19.12	/	/	18.28	/	/	<=30	Pass
		Outer_Full	18.95	/	/	18.11	/	/	<=30	Pass
		Inner_Full	18.93	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Left	18.91	/	/	18.07	/	/	<=30	Pass
	3969.99	Inner_1RB_Right	19.04	/	/	18.20	/	/	<=30	Pass
		Edge_1RB_Left	18.90	/	/	18.06	/	/	<=30	Pass
		Edge_1RB_Right	19.06	/	/	18.22	/	/	<=30	Pass
		Outer_Full	19.03	/	/	18.19	/	/	<=30	Pass
		Inner_Full	18.98	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Right	18.77	/	/	17.93	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.84dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_30M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.02	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	21.30	/	/	<=30	Pass
		Outer_Full	25.09	/	/	24.25	/	/	<=30	Pass
		Inner_Full	25.58	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	25.55	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	24.77	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.77	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	21.12	/	/	<=30	Pass
		Outer_Full	24.95	/	/	24.11	/	/	<=30	Pass
		Inner_Full	25.44	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	25.37	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	24.72	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.87	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	21.25	/	/	<=30	Pass
		Outer_Full	24.97	/	/	24.13	/	/	<=30	Pass
		Inner_Full	25.39	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	25.59	/	/	24.75	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	21.90	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	21.29	/	/	<=30	Pass
		Outer_Full	24.62	/	/	23.78	/	/	<=30	Pass
		Inner_Full	25.58	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	25.54	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	24.72	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.74	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	21.12	/	/	<=30	Pass
		Outer_Full	24.42	/	/	23.58	/	/	<=30	Pass

		Inner Full	25.44	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	25.37	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Right	25.47	/	/	24.63	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.84	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	21.23	/	/	<=30	Pass
		Outer Full	24.46	/	/	23.62	/	/	<=30	Pass
		Inner Full	25.38	/	/	24.54	/	/	<=30	Pass
		Inner 1RB Left	25.40	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Right	25.57	/	/	24.73	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	21.92	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	21.20	/	/	<=30	Pass
		Outer Full	23.67	/	/	22.83	/	/	<=30	Pass
		Inner Full	24.57	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Right	24.73	/	/	23.89	/	/	<=30	Pass
	3840	Edge 1RB Left	21.86	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	21.12	/	/	<=30	Pass
		Outer Full	23.46	/	/	22.62	/	/	<=30	Pass
		Inner Full	24.43	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Left	24.35	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Right	24.33	/	/	23.49	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.85	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	21.31	/	/	<=30	Pass
		Outer Full	23.45	/	/	22.61	/	/	<=30	Pass
		Inner Full	24.46	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Left	24.47	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Right	24.61	/	/	23.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	22.05	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	21.22	/	/	<=30	Pass
		Outer Full	23.11	/	/	22.27	/	/	<=30	Pass
		Inner Full	23.13	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Left	22.98	/	/	22.14	/	/	<=30	Pass
		Inner 1RB Right	23.13	/	/	22.29	/	/	<=30	Pass
	3840	Edge 1RB Left	21.95	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	21.15	/	/	<=30	Pass
		Outer Full	22.95	/	/	22.11	/	/	<=30	Pass
		Inner Full	22.95	/	/	22.11	/	/	<=30	Pass
		Inner 1RB Left	22.78	/	/	21.94	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	22.09	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.79	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	21.27	/	/	<=30	Pass
		Outer Full	22.95	/	/	22.11	/	/	<=30	Pass
		Inner Full	22.93	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	22.10	/	/	<=30	Pass
		Inner 1RB Right	22.98	/	/	22.14	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge 1RB Left	20.99	/	/	20.15	/	/	<=30	Pass
		Edge 1RB Right	21.13	/	/	20.29	/	/	<=30	Pass
		Outer Full	21.11	/	/	20.27	/	/	<=30	Pass
		Inner Full	21.06	/	/	20.22	/	/	<=30	Pass
		Inner 1RB Left	20.96	/	/	20.12	/	/	<=30	Pass
		Inner 1RB Right	20.95	/	/	20.11	/	/	<=30	Pass
	3840	Edge 1RB Left	20.74	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	21.03	/	/	20.19	/	/	<=30	Pass

		Outer_Full	20.97	/	/	20.13	/	/	<=30	Pass
		Inner_Full	20.93	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	20.07	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.05	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	20.35	/	/	<=30	Pass
		Outer_Full	20.96	/	/	20.12	/	/	<=30	Pass
		Inner_Full	20.90	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Left	22.01	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	21.21	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Outer_Full	22.67	/	/	21.83	/	/	<=30	Pass
		Inner_Full	24.10	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	23.30	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.79	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	21.17	/	/	<=30	Pass
		Outer_Full	22.44	/	/	21.60	/	/	<=30	Pass
		Inner_Full	23.91	/	/	23.07	/	/	<=30	Pass
	3964.98	Inner_1RB_Left	23.84	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Left	21.88	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	21.21	/	/	<=30	Pass
		Outer_Full	22.49	/	/	21.65	/	/	<=30	Pass
		Inner_Full	23.91	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	23.14	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	21.97	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	21.24	/	/	<=30	Pass
		Outer_Full	22.65	/	/	21.81	/	/	<=30	Pass
		Inner_Full	23.60	/	/	22.76	/	/	<=30	Pass
	3840	Inner_1RB_Left	23.52	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Left	21.55	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	21.20	/	/	<=30	Pass
	3964.98	Outer_Full	22.45	/	/	21.61	/	/	<=30	Pass
		Inner_Full	23.48	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Left	21.90	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	21.31	/	/	<=30	Pass
		Outer_Full	22.52	/	/	21.68	/	/	<=30	Pass
		Inner_Full	23.40	/	/	22.56	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Inner_1RB_Left	23.44	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Left	22.15	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	21.27	/	/	<=30	Pass
	3840	Outer_Full	22.14	/	/	21.30	/	/	<=30	Pass
		Inner_Full	22.09	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Left	21.92	/	/	21.08	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	21.82	/	/	20.98	/	/	<=30	Pass
		Outer Full	21.96	/	/	21.12	/	/	<=30	Pass
		Inner Full	21.92	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Left	21.79	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Right	21.95	/	/	21.11	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.86	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	21.36	/	/	<=30	Pass
		Outer Full	21.94	/	/	21.10	/	/	<=30	Pass
		Inner Full	21.95	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Left	21.95	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Right	22.24	/	/	21.40	/	/	<=30	Pass
		Edge 1RB Left	19.07	/	/	18.23	/	/	<=30	Pass
		Edge 1RB Right	19.04	/	/	18.20	/	/	<=30	Pass
		Outer Full	19.10	/	/	18.26	/	/	<=30	Pass
		Inner Full	19.14	/	/	18.30	/	/	<=30	Pass
	3840	Inner 1RB Left	19.09	/	/	18.25	/	/	<=30	Pass
		Inner 1RB Right	18.97	/	/	18.13	/	/	<=30	Pass
		Edge 1RB Left	18.77	/	/	17.93	/	/	<=30	Pass
		Edge 1RB Right	19.12	/	/	18.28	/	/	<=30	Pass
		Outer Full	18.92	/	/	18.08	/	/	<=30	Pass
	3964.98	Inner Full	18.91	/	/	18.07	/	/	<=30	Pass
		Inner 1RB Left	18.94	/	/	18.10	/	/	<=30	Pass
		Inner 1RB Right	18.96	/	/	18.12	/	/	<=30	Pass
		Edge 1RB Left	18.98	/	/	18.14	/	/	<=30	Pass
		Edge 1RB Right	19.18	/	/	18.34	/	/	<=30	Pass
		Outer Full	18.95	/	/	18.11	/	/	<=30	Pass
		Inner Full	18.93	/	/	18.09	/	/	<=30	Pass
		Inner 1RB Left	18.89	/	/	18.05	/	/	<=30	Pass
		Inner 1RB Right	19.22	/	/	18.38	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.84dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 30_S_40M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge 1RB Left	22.04	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	21.43	/	/	<=30	Pass
		Outer Full	25.07	/	/	24.23	/	/	<=30	Pass
		Inner Full	25.57	/	/	24.73	/	/	<=30	Pass
		Inner 1RB Left	25.56	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	25.72	/	/	24.88	/	/	<=30	Pass
	3840	Edge 1RB Left	21.86	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	21.26	/	/	<=30	Pass
		Outer Full	24.92	/	/	24.08	/	/	<=30	Pass
		Inner Full	25.44	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	25.34	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Right	25.64	/	/	24.80	/	/	<=30	Pass
	3960	Edge 1RB Left	21.95	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	21.40	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	25.02	/	/	24.18	/	/	<=30	Pass
		Inner_Full	25.58	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	25.45	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	24.90	/	/	<=30	Pass
	3720	Edge_1RB_Left	22.00	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	21.41	/	/	<=30	Pass
		Outer_Full	24.52	/	/	23.68	/	/	<=30	Pass
		Inner_Full	25.56	/	/	24.72	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.48	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	24.84	/	/	<=30	Pass
		Edge_1RB_Left	21.81	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	21.23	/	/	<=30	Pass
	3960	Outer_Full	24.40	/	/	23.56	/	/	<=30	Pass
		Inner_Full	25.45	/	/	24.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM		Inner_1RB_Left	25.34	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Left	21.96	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	21.37	/	/	<=30	Pass
	3720	Outer_Full	24.45	/	/	23.61	/	/	<=30	Pass
		Inner_Full	25.48	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	25.39	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	24.89	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.89	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	21.31	/	/	<=30	Pass
		Outer_Full	23.57	/	/	22.73	/	/	<=30	Pass
		Inner_Full	24.58	/	/	23.74	/	/	<=30	Pass
	3960	Inner_1RB_Left	24.33	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	23.88	/	/	<=30	Pass
DFT-s-OFDM 64 QAM		Edge_1RB_Left	21.83	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	21.20	/	/	<=30	Pass
		Outer_Full	23.41	/	/	22.57	/	/	<=30	Pass
		Inner_Full	24.45	/	/	23.61	/	/	<=30	Pass
	3720	Inner_1RB_Left	24.33	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Left	21.94	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	21.41	/	/	<=30	Pass
	3840	Outer_Full	23.57	/	/	22.73	/	/	<=30	Pass
		Inner_Full	24.55	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	23.84	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.94	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	21.35	/	/	<=30	Pass
		Outer_Full	23.06	/	/	22.22	/	/	<=30	Pass
		Inner_Full	23.07	/	/	22.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM		Inner_1RB_Left	22.89	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	22.49	/	/	<=30	Pass
	3720	Edge_1RB_Left	21.94	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	21.14	/	/	<=30	Pass
		Outer_Full	22.99	/	/	22.15	/	/	<=30	Pass
		Inner_Full	23.00	/	/	22.16	/	/	<=30	Pass
	3840	Inner_1RB_Left	22.96	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Left	22.02	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	21.18	/	/	<=30	Pass

DFT-s-OFDM 256 QAM		Edge 1RB Right	22.22	/	/	21.38	/	/	<=30	Pass
		Outer Full	23.10	/	/	22.26	/	/	<=30	Pass
		Inner Full	23.03	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Right	23.27	/	/	22.43	/	/	<=30	Pass
	3720	Edge 1RB Left	20.91	/	/	20.07	/	/	<=30	Pass
		Edge 1RB Right	21.12	/	/	20.28	/	/	<=30	Pass
		Outer Full	21.13	/	/	20.29	/	/	<=30	Pass
		Inner Full	21.01	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Left	21.24	/	/	20.40	/	/	<=30	Pass
	3840	Inner 1RB Right	21.23	/	/	20.39	/	/	<=30	Pass
		Edge 1RB Left	20.80	/	/	19.96	/	/	<=30	Pass
		Edge 1RB Right	21.22	/	/	20.38	/	/	<=30	Pass
		Outer Full	21.00	/	/	20.16	/	/	<=30	Pass
		Inner Full	20.95	/	/	20.11	/	/	<=30	Pass
	3960	Inner 1RB Left	20.84	/	/	20.00	/	/	<=30	Pass
		Inner 1RB Right	21.12	/	/	20.28	/	/	<=30	Pass
		Edge 1RB Left	21.06	/	/	20.22	/	/	<=30	Pass
		Edge 1RB Right	21.11	/	/	20.27	/	/	<=30	Pass
		Outer Full	21.10	/	/	20.26	/	/	<=30	Pass
CP-OFDM QPSK	3720	Inner Full	21.06	/	/	20.22	/	/	<=30	Pass
		Inner 1RB Left	21.02	/	/	20.18	/	/	<=30	Pass
		Inner 1RB Right	21.46	/	/	20.62	/	/	<=30	Pass
		Edge 1RB Left	22.08	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	21.42	/	/	<=30	Pass
	3840	Outer Full	22.58	/	/	21.74	/	/	<=30	Pass
		Inner Full	24.08	/	/	23.24	/	/	<=30	Pass
		Inner 1RB Left	23.98	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Right	24.10	/	/	23.26	/	/	<=30	Pass
		Edge 1RB Left	21.78	/	/	20.94	/	/	<=30	Pass
	3960	Edge 1RB Right	22.01	/	/	21.17	/	/	<=30	Pass
		Outer Full	22.48	/	/	21.64	/	/	<=30	Pass
		Inner Full	23.95	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Left	23.83	/	/	22.99	/	/	<=30	Pass
		Inner 1RB Right	24.11	/	/	23.27	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge 1RB Left	21.99	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	21.40	/	/	<=30	Pass
		Outer Full	22.58	/	/	21.74	/	/	<=30	Pass
		Inner Full	24.03	/	/	23.19	/	/	<=30	Pass
		Inner 1RB Left	23.98	/	/	23.14	/	/	<=30	Pass
	3840	Inner 1RB Right	24.25	/	/	23.41	/	/	<=30	Pass
		Edge 1RB Left	22.05	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	21.46	/	/	<=30	Pass
		Outer Full	22.61	/	/	21.77	/	/	<=30	Pass
		Inner Full	23.62	/	/	22.78	/	/	<=30	Pass
	3960	Inner 1RB Left	23.57	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	23.72	/	/	22.88	/	/	<=30	Pass
		Edge 1RB Left	21.71	/	/	20.87	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	21.33	/	/	<=30	Pass
		Outer Full	22.46	/	/	21.62	/	/	<=30	Pass
		Inner Full	23.49	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Left	23.34	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Right	23.67	/	/	22.83	/	/	<=30	Pass
		Edge 1RB Left	22.05	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	21.46	/	/	<=30	Pass
	3720	Outer Full	22.61	/	/	21.77	/	/	<=30	Pass
		Inner Full	23.62	/	/	22.78	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	23.72	/	/	22.88	/	/	<=30	Pass
		Edge 1RB Left	21.71	/	/	20.87	/	/	<=30	Pass
	3840	Edge 1RB Right	22.17	/	/	21.33	/	/	<=30	Pass
		Outer Full	22.46	/	/	21.62	/	/	<=30	Pass
		Inner Full	23.49	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Left	23.34	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Right	23.67	/	/	22.83	/	/	<=30	Pass

	3960	Edge_1RB_Left	22.06	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	21.50	/	/	<=30	Pass
		Outer_Full	22.58	/	/	21.74	/	/	<=30	Pass
		Inner_Full	23.55	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	22.87	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.12	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	21.45	/	/	<=30	Pass
		Outer_Full	22.08	/	/	21.24	/	/	<=30	Pass
		Inner_Full	22.11	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	21.45	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.86	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	21.25	/	/	<=30	Pass
		Outer_Full	21.99	/	/	21.15	/	/	<=30	Pass
		Inner_Full	21.98	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	21.20	/	/	<=30	Pass
	3960	Edge_1RB_Left	22.07	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	21.32	/	/	<=30	Pass
		Outer_Full	22.13	/	/	21.29	/	/	<=30	Pass
		Inner_Full	21.99	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	21.16	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	19.03	/	/	18.19	/	/	<=30	Pass
		Edge_1RB_Right	19.18	/	/	18.34	/	/	<=30	Pass
		Outer_Full	19.07	/	/	18.23	/	/	<=30	Pass
		Inner_Full	19.04	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Left	19.16	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	18.50	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.83	/	/	17.99	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	18.18	/	/	<=30	Pass
		Outer_Full	19.01	/	/	18.17	/	/	<=30	Pass
		Inner_Full	18.92	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	18.94	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Right	18.98	/	/	18.14	/	/	<=30	Pass
	3960	Edge_1RB_Left	18.88	/	/	18.04	/	/	<=30	Pass
		Edge_1RB_Right	19.45	/	/	18.61	/	/	<=30	Pass
		Outer_Full	19.07	/	/	18.23	/	/	<=30	Pass
		Inner_Full	19.08	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Right	19.35	/	/	18.51	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.84dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_50M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	3725.01	Edge_1RB_Left	21.80	/	/	20.96	/	/	<=30	Pass

BPSK		Edge 1RB Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer Full	24.91	/	/	24.07	/	/	<=30	Pass
		Inner Full	25.40	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Left	25.34	/	/	24.50	/	/	<=30	Pass
	3840	Inner 1RB Right	25.48	/	/	24.64	/	/	<=30	Pass
		Edge 1RB Left	21.51	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	21.81	/	/	20.97	/	/	<=30	Pass
		Outer Full	24.91	/	/	24.07	/	/	<=30	Pass
	3954.99	Inner Full	25.43	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	25.08	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Right	25.41	/	/	24.57	/	/	<=30	Pass
		Edge 1RB Left	21.74	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	21.20	/	/	<=30	Pass
		Outer Full	24.92	/	/	24.08	/	/	<=30	Pass
		Inner Full	25.44	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	25.32	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Right	25.63	/	/	24.79	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	21.79	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer Full	24.37	/	/	23.53	/	/	<=30	Pass
		Inner Full	25.38	/	/	24.54	/	/	<=30	Pass
	3840	Inner 1RB Left	25.28	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Right	25.43	/	/	24.59	/	/	<=30	Pass
		Edge 1RB Left	21.52	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	21.84	/	/	21.00	/	/	<=30	Pass
	3954.99	Outer Full	24.35	/	/	23.51	/	/	<=30	Pass
		Inner Full	25.40	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Left	25.02	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	25.31	/	/	24.47	/	/	<=30	Pass
		Edge 1RB Left	21.82	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	21.16	/	/	<=30	Pass
		Outer Full	24.37	/	/	23.53	/	/	<=30	Pass
		Inner Full	25.39	/	/	24.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Inner 1RB Left	25.24	/	/	24.40	/	/	<=30	Pass
		Inner 1RB Right	25.56	/	/	24.72	/	/	<=30	Pass
		Edge 1RB Left	21.83	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	21.18	/	/	<=30	Pass
	3840	Outer Full	23.31	/	/	22.47	/	/	<=30	Pass
		Inner Full	24.43	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Left	24.47	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Right	24.49	/	/	23.65	/	/	<=30	Pass
	3954.99	Edge 1RB Left	21.54	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	20.98	/	/	<=30	Pass
		Outer Full	23.37	/	/	22.53	/	/	<=30	Pass
		Inner Full	24.36	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	23.95	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Right	24.34	/	/	23.50	/	/	<=30	Pass
		Edge 1RB Left	21.72	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	21.14	/	/	<=30	Pass
		Outer Full	23.35	/	/	22.51	/	/	<=30	Pass
		Inner Full	24.41	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Left	24.30	/	/	23.46	/	/	<=30	Pass
		Inner 1RB Right	24.56	/	/	23.72	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	21.81	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	21.02	/	/	<=30	Pass
		Outer_Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner_Full	22.88	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	22.16	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.38	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	21.08	/	/	<=30	Pass
		Outer_Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner_Full	22.93	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	21.94	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.77	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	21.36	/	/	<=30	Pass
		Outer_Full	22.94	/	/	22.10	/	/	<=30	Pass
		Inner_Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	22.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	20.91	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	20.90	/	/	20.06	/	/	<=30	Pass
		Outer_Full	20.88	/	/	20.04	/	/	<=30	Pass
		Inner_Full	20.93	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	19.99	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.60	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	19.85	/	/	<=30	Pass
		Outer_Full	20.87	/	/	20.03	/	/	<=30	Pass
		Inner_Full	20.90	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	19.97	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	20.99	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	21.21	/	/	20.37	/	/	<=30	Pass
		Outer_Full	20.88	/	/	20.04	/	/	<=30	Pass
		Inner_Full	20.93	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	21.01	/	/	20.17	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	21.75	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	21.12	/	/	<=30	Pass
		Outer_Full	22.41	/	/	21.57	/	/	<=30	Pass
		Inner_Full	23.90	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	23.10	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.53	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	21.02	/	/	<=30	Pass
		Outer_Full	22.34	/	/	21.50	/	/	<=30	Pass
		Inner_Full	23.93	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	23.09	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.83	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	21.17	/	/	<=30	Pass
		Outer_Full	22.36	/	/	21.52	/	/	<=30	Pass
		Inner_Full	23.88	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	22.95	/	/	<=30	Pass

		Inner 1RB Right	24.03	/	/	23.19	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge 1RB Left	21.91	/	/	21.07	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	21.15	/	/	<=30	Pass
		Outer Full	22.41	/	/	21.57	/	/	<=30	Pass
		Inner Full	23.39	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	23.50	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Right	23.54	/	/	22.70	/	/	<=30	Pass
	3840	Edge 1RB Left	21.56	/	/	20.72	/	/	<=30	Pass
		Edge 1RB Right	21.70	/	/	20.86	/	/	<=30	Pass
		Outer Full	22.33	/	/	21.49	/	/	<=30	Pass
		Inner Full	23.41	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	22.17	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	22.60	/	/	<=30	Pass
	3954.99	Edge 1RB Left	21.62	/	/	20.78	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	21.37	/	/	<=30	Pass
		Outer Full	22.42	/	/	21.58	/	/	<=30	Pass
		Inner Full	23.41	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	23.30	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Right	23.51	/	/	22.67	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge 1RB Left	21.76	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	21.14	/	/	<=30	Pass
		Outer Full	21.88	/	/	21.04	/	/	<=30	Pass
		Inner Full	21.92	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Left	21.71	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	21.18	/	/	<=30	Pass
	3840	Edge 1RB Left	21.47	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	21.94	/	/	21.10	/	/	<=30	Pass
		Outer Full	21.89	/	/	21.05	/	/	<=30	Pass
		Inner Full	21.96	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Left	21.39	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	21.04	/	/	<=30	Pass
	3954.99	Edge 1RB Left	21.80	/	/	20.96	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	21.28	/	/	<=30	Pass
		Outer Full	21.93	/	/	21.09	/	/	<=30	Pass
		Inner Full	21.86	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Left	21.75	/	/	20.91	/	/	<=30	Pass
		Inner 1RB Right	21.94	/	/	21.10	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	18.84	/	/	18.00	/	/	<=30	Pass
		Edge 1RB Right	18.96	/	/	18.12	/	/	<=30	Pass
		Outer Full	18.89	/	/	18.05	/	/	<=30	Pass
		Inner Full	18.93	/	/	18.09	/	/	<=30	Pass
		Inner 1RB Left	18.88	/	/	18.04	/	/	<=30	Pass
		Inner 1RB Right	19.14	/	/	18.30	/	/	<=30	Pass
	3840	Edge 1RB Left	18.66	/	/	17.82	/	/	<=30	Pass
		Edge 1RB Right	18.87	/	/	18.03	/	/	<=30	Pass
		Outer Full	18.86	/	/	18.02	/	/	<=30	Pass
		Inner Full	18.96	/	/	18.12	/	/	<=30	Pass
		Inner 1RB Left	18.68	/	/	17.84	/	/	<=30	Pass
		Inner 1RB Right	18.81	/	/	17.97	/	/	<=30	Pass
	3954.99	Edge 1RB Left	18.81	/	/	17.97	/	/	<=30	Pass
		Edge 1RB Right	19.08	/	/	18.24	/	/	<=30	Pass
		Outer Full	18.85	/	/	18.01	/	/	<=30	Pass
		Inner Full	18.94	/	/	18.10	/	/	<=30	Pass



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		Inner_1RB_Left	18.85	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	18.32	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.84dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_60M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	21.82	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	21.31	/	/	<=30	Pass
		Outer_Full	24.95	/	/	24.11	/	/	<=30	Pass
		Inner_Full	25.42	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	25.33	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	24.83	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.56	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	21.06	/	/	<=30	Pass
		Outer_Full	24.76	/	/	23.92	/	/	<=30	Pass
		Inner_Full	25.35	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	24.61	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	21.68	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.11	/	/	<=30	Pass
		Outer_Full	24.90	/	/	24.06	/	/	<=30	Pass
		Inner_Full	25.50	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	24.72	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	21.81	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	21.26	/	/	<=30	Pass
		Outer_Full	24.40	/	/	23.56	/	/	<=30	Pass
		Inner_Full	25.42	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	24.83	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.65	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	21.06	/	/	<=30	Pass
		Outer_Full	24.32	/	/	23.48	/	/	<=30	Pass
		Inner_Full	25.38	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	24.61	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	21.61	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	21.09	/	/	<=30	Pass
		Outer_Full	24.42	/	/	23.58	/	/	<=30	Pass
		Inner_Full	25.40	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	25.51	/	/	24.67	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	21.88	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	21.33	/	/	<=30	Pass
		Outer_Full	23.43	/	/	22.59	/	/	<=30	Pass
		Inner_Full	24.40	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	23.44	/	/	<=30	Pass

	3840	Inner 1RB Right	24.60	/	/	23.76	/	/	<=30	Pass
		Edge 1RB Left	21.52	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	21.03	/	/	<=30	Pass
		Outer Full	23.33	/	/	22.49	/	/	<=30	Pass
		Inner Full	24.39	/	/	23.55	/	/	<=30	Pass
		Inner 1RB Left	23.99	/	/	23.15	/	/	<=30	Pass
	3949.98	Inner 1RB Right	24.44	/	/	23.60	/	/	<=30	Pass
		Edge 1RB Left	21.46	/	/	20.62	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	21.36	/	/	<=30	Pass
		Outer Full	23.43	/	/	22.59	/	/	<=30	Pass
		Inner Full	24.38	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Left	24.09	/	/	23.25	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Inner 1RB Right	24.49	/	/	23.65	/	/	<=30	Pass
		Edge 1RB Left	21.85	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	21.35	/	/	<=30	Pass
		Outer Full	22.94	/	/	22.10	/	/	<=30	Pass
		Inner Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	21.95	/	/	<=30	Pass
	3840	Inner 1RB Right	23.08	/	/	22.24	/	/	<=30	Pass
		Edge 1RB Left	21.63	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	21.84	/	/	21.00	/	/	<=30	Pass
		Outer Full	22.84	/	/	22.00	/	/	<=30	Pass
		Inner Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	21.65	/	/	<=30	Pass
	3949.98	Inner 1RB Right	22.89	/	/	22.05	/	/	<=30	Pass
		Edge 1RB Left	21.55	/	/	20.71	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner Full	22.91	/	/	22.07	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	21.65	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Inner 1RB Right	22.88	/	/	22.04	/	/	<=30	Pass
		Edge 1RB Left	20.64	/	/	19.80	/	/	<=30	Pass
		Edge 1RB Right	21.26	/	/	20.42	/	/	<=30	Pass
		Outer Full	20.93	/	/	20.09	/	/	<=30	Pass
		Inner Full	20.95	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Left	20.58	/	/	19.74	/	/	<=30	Pass
	3840	Inner 1RB Right	21.05	/	/	20.21	/	/	<=30	Pass
		Edge 1RB Left	20.63	/	/	19.79	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	20.13	/	/	<=30	Pass
		Outer Full	20.86	/	/	20.02	/	/	<=30	Pass
		Inner Full	20.92	/	/	20.08	/	/	<=30	Pass
		Inner 1RB Left	20.58	/	/	19.74	/	/	<=30	Pass
	3949.98	Inner 1RB Right	20.80	/	/	19.96	/	/	<=30	Pass
		Edge 1RB Left	20.61	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	21.04	/	/	20.20	/	/	<=30	Pass
		Outer Full	20.93	/	/	20.09	/	/	<=30	Pass
		Inner Full	20.91	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	19.49	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner 1RB Right	20.98	/	/	20.14	/	/	<=30	Pass
		Edge 1RB Left	21.84	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.43	/	/	21.59	/	/	<=30	Pass
		Inner Full	23.94	/	/	23.10	/	/	<=30	Pass

		Inner 1RB Left	23.79	/	/	22.95	/	/	<=30	Pass
		Inner 1RB Right	24.18	/	/	23.34	/	/	<=30	Pass
	3840	Edge 1RB Left	21.53	/	/	20.69	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	21.16	/	/	<=30	Pass
		Outer Full	22.32	/	/	21.48	/	/	<=30	Pass
		Inner Full	23.89	/	/	23.05	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Right	23.97	/	/	23.13	/	/	<=30	Pass
	3949.98	Edge 1RB Left	21.60	/	/	20.76	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	21.14	/	/	<=30	Pass
		Outer Full	22.41	/	/	21.57	/	/	<=30	Pass
		Inner Full	23.85	/	/	23.01	/	/	<=30	Pass
		Inner 1RB Left	23.71	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Right	24.01	/	/	23.17	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge 1RB Left	21.81	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	21.21	/	/	<=30	Pass
		Outer Full	22.45	/	/	21.61	/	/	<=30	Pass
		Inner Full	23.46	/	/	22.62	/	/	<=30	Pass
		Inner 1RB Left	23.33	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Right	23.79	/	/	22.95	/	/	<=30	Pass
	3840	Edge 1RB Left	21.66	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	21.04	/	/	<=30	Pass
		Outer Full	22.34	/	/	21.50	/	/	<=30	Pass
		Inner Full	23.37	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Left	23.09	/	/	22.25	/	/	<=30	Pass
		Inner 1RB Right	23.42	/	/	22.58	/	/	<=30	Pass
	3949.98	Edge 1RB Left	21.57	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	21.18	/	/	<=30	Pass
		Outer Full	22.40	/	/	21.56	/	/	<=30	Pass
		Inner Full	23.41	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	23.20	/	/	22.36	/	/	<=30	Pass
		Inner 1RB Right	23.58	/	/	22.74	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge 1RB Left	21.88	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	21.14	/	/	<=30	Pass
		Outer Full	22.01	/	/	21.17	/	/	<=30	Pass
		Inner Full	21.97	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	21.87	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Right	22.24	/	/	21.40	/	/	<=30	Pass
	3840	Edge 1RB Left	21.54	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Right	21.85	/	/	21.01	/	/	<=30	Pass
		Outer Full	21.80	/	/	20.96	/	/	<=30	Pass
		Inner Full	21.89	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Left	21.73	/	/	20.89	/	/	<=30	Pass
		Inner 1RB Right	21.91	/	/	21.07	/	/	<=30	Pass
	3949.98	Edge 1RB Left	21.68	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	21.24	/	/	<=30	Pass
		Outer Full	21.92	/	/	21.08	/	/	<=30	Pass
		Inner Full	21.96	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Left	21.75	/	/	20.91	/	/	<=30	Pass
		Inner 1RB Right	22.15	/	/	21.31	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge 1RB Left	18.73	/	/	17.89	/	/	<=30	Pass
		Edge 1RB Right	19.06	/	/	18.22	/	/	<=30	Pass
		Outer Full	18.91	/	/	18.07	/	/	<=30	Pass

		Inner_Full	18.92	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Right	19.03	/	/	18.19	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.62	/	/	17.78	/	/	<=30	Pass
		Edge_1RB_Right	18.74	/	/	17.90	/	/	<=30	Pass
		Outer_Full	18.84	/	/	18.00	/	/	<=30	Pass
		Inner_Full	18.90	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	18.16	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	18.66	/	/	17.82	/	/	<=30	Pass
		Edge_1RB_Right	18.98	/	/	18.14	/	/	<=30	Pass
		Outer_Full	18.93	/	/	18.09	/	/	<=30	Pass
		Inner_Full	18.92	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	18.12	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.84dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_80M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	21.81	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	21.86	/	/	21.02	/	/	<=30	Pass
		Outer Full	24.88	/	/	24.04	/	/	<=30	Pass
		Inner Full	25.45	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Right	25.39	/	/	24.55	/	/	<=30	Pass
	3840	Edge 1RB Left	21.65	/	/	20.81	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	20.98	/	/	<=30	Pass
		Outer Full	24.83	/	/	23.99	/	/	<=30	Pass
		Inner Full	25.34	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	24.51	/	/	<=30	Pass
	3939.99	Edge 1RB Left	21.54	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Right	21.93	/	/	21.09	/	/	<=30	Pass
		Outer Full	24.88	/	/	24.04	/	/	<=30	Pass
		Inner Full	25.45	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Left	25.04	/	/	24.20	/	/	<=30	Pass
		Inner 1RB Right	25.52	/	/	24.68	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	21.83	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	21.07	/	/	<=30	Pass
		Outer Full	24.43	/	/	23.59	/	/	<=30	Pass
		Inner Full	25.47	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Left	25.30	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	24.51	/	/	<=30	Pass
	3840	Edge 1RB Left	21.48	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	20.98	/	/	<=30	Pass
		Outer Full	24.32	/	/	23.48	/	/	<=30	Pass
		Inner Full	25.39	/	/	24.55	/	/	<=30	Pass

		Inner_1RB_Left	25.18	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	24.52	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.49	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer_Full	24.39	/	/	23.55	/	/	<=30	Pass
		Inner_Full	25.45	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	24.94	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Right	25.44	/	/	24.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	21.77	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	21.00	/	/	<=30	Pass
		Outer_Full	23.43	/	/	22.59	/	/	<=30	Pass
		Inner_Full	24.47	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	23.44	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.49	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	21.00	/	/	<=30	Pass
		Outer_Full	23.30	/	/	22.46	/	/	<=30	Pass
		Inner_Full	24.35	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	23.47	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.46	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	20.97	/	/	<=30	Pass
		Outer_Full	23.43	/	/	22.59	/	/	<=30	Pass
		Inner_Full	24.45	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	23.57	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	21.88	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	21.07	/	/	<=30	Pass
		Outer_Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner_Full	22.99	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	22.07	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.44	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	20.95	/	/	<=30	Pass
		Outer_Full	22.81	/	/	21.97	/	/	<=30	Pass
		Inner_Full	22.85	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	22.07	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.60	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	20.83	/	/	<=30	Pass
		Outer_Full	22.91	/	/	22.07	/	/	<=30	Pass
		Inner_Full	22.99	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	22.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	20.82	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	20.07	/	/	<=30	Pass
		Outer_Full	20.95	/	/	20.11	/	/	<=30	Pass
		Inner_Full	20.92	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	20.85	/	/	20.01	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.70	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	19.92	/	/	<=30	Pass
		Outer_Full	20.74	/	/	19.90	/	/	<=30	Pass

		Inner Full	20.88	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Left	20.72	/	/	19.88	/	/	<=30	Pass
		Inner 1RB Right	20.87	/	/	20.03	/	/	<=30	Pass
	3939.99	Edge 1RB Left	20.65	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	21.01	/	/	20.17	/	/	<=30	Pass
		Outer Full	20.91	/	/	20.07	/	/	<=30	Pass
		Inner Full	20.91	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Left	20.58	/	/	19.74	/	/	<=30	Pass
		Inner 1RB Right	21.09	/	/	20.25	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge 1RB Left	21.89	/	/	21.05	/	/	<=30	Pass
		Edge 1RB Right	21.86	/	/	21.02	/	/	<=30	Pass
		Outer Full	22.37	/	/	21.53	/	/	<=30	Pass
		Inner Full	24.02	/	/	23.18	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	22.94	/	/	<=30	Pass
		Inner 1RB Right	23.83	/	/	22.99	/	/	<=30	Pass
	3840	Edge 1RB Left	21.62	/	/	20.78	/	/	<=30	Pass
		Edge 1RB Right	21.72	/	/	20.88	/	/	<=30	Pass
		Outer Full	22.38	/	/	21.54	/	/	<=30	Pass
		Inner Full	23.91	/	/	23.07	/	/	<=30	Pass
		Inner 1RB Left	23.61	/	/	22.77	/	/	<=30	Pass
		Inner 1RB Right	23.91	/	/	23.07	/	/	<=30	Pass
	3939.99	Edge 1RB Left	21.45	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	21.11	/	/	<=30	Pass
		Outer Full	22.41	/	/	21.57	/	/	<=30	Pass
		Inner Full	23.90	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	22.63	/	/	<=30	Pass
		Inner 1RB Right	24.06	/	/	23.22	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge 1RB Left	21.82	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.37	/	/	21.53	/	/	<=30	Pass
		Inner Full	23.49	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Right	23.29	/	/	22.45	/	/	<=30	Pass
	3840	Edge 1RB Left	21.57	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	21.85	/	/	21.01	/	/	<=30	Pass
		Outer Full	22.33	/	/	21.49	/	/	<=30	Pass
		Inner Full	23.39	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	23.06	/	/	22.22	/	/	<=30	Pass
		Inner 1RB Right	23.36	/	/	22.52	/	/	<=30	Pass
	3939.99	Edge 1RB Left	21.41	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	21.27	/	/	<=30	Pass
		Outer Full	22.38	/	/	21.54	/	/	<=30	Pass
		Inner Full	23.48	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	22.69	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge 1RB Left	21.98	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	21.18	/	/	<=30	Pass
		Outer Full	21.91	/	/	21.07	/	/	<=30	Pass
		Inner Full	21.93	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Left	21.87	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Right	21.84	/	/	21.00	/	/	<=30	Pass
	3840	Edge 1RB Left	21.63	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	21.75	/	/	20.91	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	21.87	/	/	21.03	/	/	<=30	Pass
		Inner_Full	21.88	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	20.94	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.49	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer_Full	21.90	/	/	21.06	/	/	<=30	Pass
		Inner_Full	21.92	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	21.18	/	/	<=30	Pass
	3740.01	Edge_1RB_Left	18.62	/	/	17.78	/	/	<=30	Pass
		Edge_1RB_Right	18.99	/	/	18.15	/	/	<=30	Pass
		Outer_Full	18.85	/	/	18.01	/	/	<=30	Pass
		Inner_Full	18.96	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Left	18.80	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	18.78	/	/	17.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.67	/	/	17.83	/	/	<=30	Pass
		Edge_1RB_Right	19.01	/	/	18.17	/	/	<=30	Pass
		Outer_Full	18.84	/	/	18.00	/	/	<=30	Pass
		Inner_Full	18.89	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Right	18.75	/	/	17.91	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	18.52	/	/	17.68	/	/	<=30	Pass
		Edge_1RB_Right	18.99	/	/	18.15	/	/	<=30	Pass
		Outer_Full	18.93	/	/	18.09	/	/	<=30	Pass
		Inner_Full	18.95	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Left	18.46	/	/	17.62	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	18.32	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.84dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 30_S_90M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	21.85	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer_Full	24.99	/	/	24.15	/	/	<=30	Pass
		Inner_Full	25.49	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	24.61	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.57	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	21.00	/	/	<=30	Pass
		Outer_Full	24.81	/	/	23.97	/	/	<=30	Pass
		Inner_Full	25.35	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	24.58	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	21.28	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	21.21	/	/	<=30	Pass
		Outer_Full	24.89	/	/	24.05	/	/	<=30	Pass

		Inner Full	25.45	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	23.97	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Inner 1RB Right	25.58	/	/	24.74	/	/	<=30	Pass
		Edge 1RB Left	21.87	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	21.19	/	/	<=30	Pass
		Outer Full	24.51	/	/	23.67	/	/	<=30	Pass
		Inner Full	25.51	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Left	25.38	/	/	24.54	/	/	<=30	Pass
		Inner 1RB Right	25.46	/	/	24.62	/	/	<=30	Pass
	3840	Edge 1RB Left	21.61	/	/	20.77	/	/	<=30	Pass
		Edge 1RB Right	21.86	/	/	21.02	/	/	<=30	Pass
		Outer Full	24.36	/	/	23.52	/	/	<=30	Pass
		Inner Full	25.36	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Left	25.09	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Right	25.29	/	/	24.45	/	/	<=30	Pass
	3934.98	Edge 1RB Left	21.28	/	/	20.44	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	21.12	/	/	<=30	Pass
		Outer Full	24.29	/	/	23.45	/	/	<=30	Pass
		Inner Full	25.46	/	/	24.62	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Right	25.55	/	/	24.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge 1RB Left	21.84	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	21.03	/	/	<=30	Pass
		Outer Full	23.48	/	/	22.64	/	/	<=30	Pass
		Inner Full	24.50	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Left	24.42	/	/	23.58	/	/	<=30	Pass
		Inner 1RB Right	24.29	/	/	23.45	/	/	<=30	Pass
	3840	Edge 1RB Left	21.61	/	/	20.77	/	/	<=30	Pass
		Edge 1RB Right	21.84	/	/	21.00	/	/	<=30	Pass
		Outer Full	23.35	/	/	22.51	/	/	<=30	Pass
		Inner Full	24.36	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	24.09	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	24.45	/	/	23.61	/	/	<=30	Pass
	3934.98	Edge 1RB Left	21.38	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	21.21	/	/	<=30	Pass
		Outer Full	23.34	/	/	22.50	/	/	<=30	Pass
		Inner Full	24.47	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Left	23.84	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Right	24.36	/	/	23.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge 1RB Left	21.95	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	21.17	/	/	<=30	Pass
		Outer Full	22.91	/	/	22.07	/	/	<=30	Pass
		Inner Full	22.94	/	/	22.10	/	/	<=30	Pass
		Inner 1RB Left	22.89	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Right	22.81	/	/	21.97	/	/	<=30	Pass
	3840	Edge 1RB Left	21.66	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer Full	22.80	/	/	21.96	/	/	<=30	Pass
		Inner Full	22.91	/	/	22.07	/	/	<=30	Pass
		Inner 1RB Left	22.55	/	/	21.71	/	/	<=30	Pass
		Inner 1RB Right	22.77	/	/	21.93	/	/	<=30	Pass
	3934.98	Edge 1RB Left	21.20	/	/	20.36	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	21.11	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3745.02	Outer Full	22.85	/	/	22.01	/	/	<=30	Pass
		Inner Full	22.82	/	/	21.98	/	/	<=30	Pass
		Inner 1RB Left	22.36	/	/	21.52	/	/	<=30	Pass
		Inner 1RB Right	23.01	/	/	22.17	/	/	<=30	Pass
	3840	Edge 1RB Left	20.97	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	21.06	/	/	20.22	/	/	<=30	Pass
		Outer Full	20.98	/	/	20.14	/	/	<=30	Pass
		Inner Full	20.99	/	/	20.15	/	/	<=30	Pass
	3934.98	Inner 1RB Left	20.82	/	/	19.98	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	20.16	/	/	<=30	Pass
		Edge 1RB Left	20.65	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	21.00	/	/	20.16	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Outer Full	20.80	/	/	19.96	/	/	<=30	Pass
		Inner Full	20.95	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Left	20.60	/	/	19.76	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	20.06	/	/	<=30	Pass
	3840	Edge 1RB Left	20.39	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	20.93	/	/	20.09	/	/	<=30	Pass
		Outer Full	20.83	/	/	19.99	/	/	<=30	Pass
		Inner Full	20.96	/	/	20.12	/	/	<=30	Pass
	3934.98	Inner 1RB Left	20.42	/	/	19.58	/	/	<=30	Pass
		Inner 1RB Right	20.95	/	/	20.11	/	/	<=30	Pass
		Edge 1RB Left	21.83	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	21.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	22.45	/	/	21.61	/	/	<=30	Pass
		Inner Full	24.00	/	/	23.16	/	/	<=30	Pass
		Inner 1RB Left	23.81	/	/	22.97	/	/	<=30	Pass
		Inner 1RB Right	23.88	/	/	23.04	/	/	<=30	Pass
	3840	Edge 1RB Left	21.72	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	21.04	/	/	<=30	Pass
		Outer Full	22.35	/	/	21.51	/	/	<=30	Pass
		Inner Full	23.88	/	/	23.04	/	/	<=30	Pass
	3934.98	Inner 1RB Left	23.57	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	23.88	/	/	23.04	/	/	<=30	Pass
		Edge 1RB Left	21.33	/	/	20.49	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	21.17	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	22.35	/	/	21.51	/	/	<=30	Pass
		Inner Full	23.92	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Left	23.29	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Right	24.18	/	/	23.34	/	/	<=30	Pass
	3840	Edge 1RB Left	21.93	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	21.33	/	/	<=30	Pass
		Outer Full	22.47	/	/	21.63	/	/	<=30	Pass
		Inner Full	23.50	/	/	22.66	/	/	<=30	Pass
	3934.98	Inner 1RB Left	23.44	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Right	23.48	/	/	22.64	/	/	<=30	Pass
		Edge 1RB Left	21.49	/	/	20.65	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	21.03	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	22.36	/	/	21.52	/	/	<=30	Pass
		Inner Full	23.41	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	23.17	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Right	23.36	/	/	22.52	/	/	<=30	Pass
	3840	Edge 1RB Left	21.21	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	20.37	/	/	<=30	Pass
		Outer Full	21.21	/	/	20.37	/	/	<=30	Pass
		Inner Full	21.21	/	/	20.37	/	/	<=30	Pass
	3934.98	Inner 1RB Left	21.21	/	/	20.37	/	/	<=30	Pass
		Inner 1RB Right	21.21	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Left	21.21	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	20.37	/	/	<=30	Pass

		Edge_1RB_Right	22.03	/	/	21.19	/	/	<=30	Pass	
		Outer_Full	22.35	/	/	21.51	/	/	<=30	Pass	
		Inner_Full	23.48	/	/	22.64	/	/	<=30	Pass	
		Inner_1RB_Left	22.66	/	/	21.82	/	/	<=30	Pass	
		Inner_1RB_Right	23.61	/	/	22.77	/	/	<=30	Pass	
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	21.98	/	/	21.14	/	/	<=30	Pass	
		Edge_1RB_Right	21.84	/	/	21.00	/	/	<=30	Pass	
		Outer_Full	21.92	/	/	21.08	/	/	<=30	Pass	
		Inner_Full	22.00	/	/	21.16	/	/	<=30	Pass	
		Inner_1RB_Left	21.89	/	/	21.05	/	/	<=30	Pass	
	3840	Inner_1RB_Right	21.90	/	/	21.06	/	/	<=30	Pass	
		Edge_1RB_Left	21.46	/	/	20.62	/	/	<=30	Pass	
		Edge_1RB_Right	21.97	/	/	21.13	/	/	<=30	Pass	
		Outer_Full	21.79	/	/	20.95	/	/	<=30	Pass	
		Inner_Full	21.86	/	/	21.02	/	/	<=30	Pass	
		Inner_1RB_Left	21.66	/	/	20.82	/	/	<=30	Pass	
		Inner_1RB_Right	21.90	/	/	21.06	/	/	<=30	Pass	
	3934.98	Edge_1RB_Left	21.26	/	/	20.42	/	/	<=30	Pass	
		Edge_1RB_Right	22.21	/	/	21.37	/	/	<=30	Pass	
		Outer_Full	21.88	/	/	21.04	/	/	<=30	Pass	
		Inner_Full	21.98	/	/	21.14	/	/	<=30	Pass	
		Inner_1RB_Left	21.28	/	/	20.44	/	/	<=30	Pass	
		Inner_1RB_Right	22.14	/	/	21.30	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	18.81	/	/	17.97	/	/	<=30	Pass
			Edge_1RB_Right	18.87	/	/	18.03	/	/	<=30	Pass
Outer_Full			19.02	/	/	18.18	/	/	<=30	Pass	
Inner_Full			19.00	/	/	18.16	/	/	<=30	Pass	
Inner_1RB_Left			18.68	/	/	17.84	/	/	<=30	Pass	
Inner_1RB_Right			19.17	/	/	18.33	/	/	<=30	Pass	
3840		Edge_1RB_Left	18.66	/	/	17.82	/	/	<=30	Pass	
		Edge_1RB_Right	18.88	/	/	18.04	/	/	<=30	Pass	
		Outer_Full	18.84	/	/	18.00	/	/	<=30	Pass	
		Inner_Full	18.87	/	/	18.03	/	/	<=30	Pass	
		Inner_1RB_Left	18.60	/	/	17.76	/	/	<=30	Pass	
		Inner_1RB_Right	18.99	/	/	18.15	/	/	<=30	Pass	
3934.98		Edge_1RB_Left	18.39	/	/	17.55	/	/	<=30	Pass	
		Edge_1RB_Right	18.98	/	/	18.14	/	/	<=30	Pass	
		Outer_Full	18.83	/	/	17.99	/	/	<=30	Pass	
	Inner_Full	18.99	/	/	18.15	/	/	<=30	Pass		
	Inner_1RB_Left	18.45	/	/	17.61	/	/	<=30	Pass		
	Inner_1RB_Right	19.02	/	/	18.18	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -0.84dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.8 30_S_100M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	21.81	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	21.21	/	/	<=30	Pass

		Outer_Full	24.95	/	/	24.11	/	/	<=30	Pass
		Inner_Full	25.45	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	25.51	/	/	24.67	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.52	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	21.13	/	/	<=30	Pass
		Outer_Full	24.82	/	/	23.98	/	/	<=30	Pass
		Inner_Full	25.36	/	/	24.52	/	/	<=30	Pass
	3930	Inner_1RB_Left	25.06	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	25.52	/	/	24.68	/	/	<=30	Pass
		Edge_1RB_Left	21.27	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	21.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	24.84	/	/	24.00	/	/	<=30	Pass
		Inner_Full	25.42	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	24.85	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.73	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	21.20	/	/	<=30	Pass
		Outer_Full	24.45	/	/	23.61	/	/	<=30	Pass
		Inner_Full	25.49	/	/	24.65	/	/	<=30	Pass
	3930	Inner_1RB_Left	25.28	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Left	21.44	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.11	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	24.28	/	/	23.44	/	/	<=30	Pass
		Inner_Full	25.40	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	25.47	/	/	24.63	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.34	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	21.26	/	/	<=30	Pass
		Outer_Full	24.33	/	/	23.49	/	/	<=30	Pass
		Inner_Full	25.41	/	/	24.57	/	/	<=30	Pass
	3930	Inner_1RB_Left	24.77	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	24.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.75	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	21.31	/	/	<=30	Pass
		Outer_Full	23.47	/	/	22.63	/	/	<=30	Pass
		Inner_Full	24.44	/	/	23.60	/	/	<=30	Pass
	3840	Inner_1RB_Left	24.24	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Left	21.55	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	21.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	23.36	/	/	22.52	/	/	<=30	Pass
		Inner_Full	24.45	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	23.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.25	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	21.38	/	/	<=30	Pass
		Outer_Full	23.36	/	/	22.52	/	/	<=30	Pass
		Inner_Full	24.41	/	/	23.57	/	/	<=30	Pass
	3930	Inner_1RB_Left	23.92	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Left	21.68	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	21.26	/	/	<=30	Pass
	3750	Outer_Full	24.33	/	/	23.49	/	/	<=30	Pass
		Inner_Full	25.41	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	24.79	/	/	<=30	Pass

		Edge 1RB Right	22.05	/	/	21.21	/	/	<=30	Pass
		Outer Full	22.85	/	/	22.01	/	/	<=30	Pass
		Inner Full	22.94	/	/	22.10	/	/	<=30	Pass
		Inner 1RB Left	22.80	/	/	21.96	/	/	<=30	Pass
	3840	Inner 1RB Right	22.87	/	/	22.03	/	/	<=30	Pass
		Edge 1RB Left	21.50	/	/	20.66	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	21.03	/	/	<=30	Pass
		Outer Full	22.88	/	/	22.04	/	/	<=30	Pass
	3930	Inner Full	22.89	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	21.76	/	/	<=30	Pass
		Inner 1RB Right	22.90	/	/	22.06	/	/	<=30	Pass
		Edge 1RB Left	21.20	/	/	20.36	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.90	/	/	22.06	/	/	<=30	Pass
		Inner Full	22.85	/	/	22.01	/	/	<=30	Pass
		Inner 1RB Left	22.41	/	/	21.57	/	/	<=30	Pass
		Inner 1RB Right	23.14	/	/	22.30	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge 1RB Left	20.72	/	/	19.88	/	/	<=30	Pass
		Edge 1RB Right	20.93	/	/	20.09	/	/	<=30	Pass
		Outer Full	21.00	/	/	20.16	/	/	<=30	Pass
		Inner Full	20.97	/	/	20.13	/	/	<=30	Pass
	3840	Inner 1RB Left	20.83	/	/	19.99	/	/	<=30	Pass
		Inner 1RB Right	21.13	/	/	20.29	/	/	<=30	Pass
		Edge 1RB Left	20.46	/	/	19.62	/	/	<=30	Pass
		Edge 1RB Right	20.92	/	/	20.08	/	/	<=30	Pass
	3930	Outer Full	20.88	/	/	20.04	/	/	<=30	Pass
		Inner Full	20.92	/	/	20.08	/	/	<=30	Pass
		Inner 1RB Left	20.53	/	/	19.69	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	20.06	/	/	<=30	Pass
		Edge 1RB Left	20.34	/	/	19.50	/	/	<=30	Pass
		Edge 1RB Right	21.11	/	/	20.27	/	/	<=30	Pass
		Outer Full	20.88	/	/	20.04	/	/	<=30	Pass
		Inner Full	20.93	/	/	20.09	/	/	<=30	Pass
CP-OFDM QPSK	3750	Inner 1RB Left	20.35	/	/	19.51	/	/	<=30	Pass
		Inner 1RB Right	21.15	/	/	20.31	/	/	<=30	Pass
	3840	Edge 1RB Left	21.80	/	/	20.96	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	21.19	/	/	<=30	Pass
		Outer Full	22.48	/	/	21.64	/	/	<=30	Pass
		Inner Full	23.94	/	/	23.10	/	/	<=30	Pass
	3930	Inner 1RB Left	23.85	/	/	23.01	/	/	<=30	Pass
		Inner 1RB Right	24.01	/	/	23.17	/	/	<=30	Pass
		Edge 1RB Left	21.48	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	21.18	/	/	<=30	Pass
		Outer Full	22.34	/	/	21.50	/	/	<=30	Pass
		Inner Full	23.89	/	/	23.05	/	/	<=30	Pass
		Inner 1RB Left	23.49	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Right	23.96	/	/	23.12	/	/	<=30	Pass
		Edge 1RB Left	21.27	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	21.27	/	/	<=30	Pass
		Outer Full	22.34	/	/	21.50	/	/	<=30	Pass
		Inner Full	23.85	/	/	23.01	/	/	<=30	Pass
		Inner 1RB Left	23.30	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Right	24.09	/	/	23.25	/	/	<=30	Pass

CP-OFDM 16 QAM	3750	Edge_1RB_Left	21.81	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	21.24	/	/	<=30	Pass
		Outer_Full	22.44	/	/	21.60	/	/	<=30	Pass
		Inner_Full	23.49	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	22.74	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.60	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	21.16	/	/	<=30	Pass
		Outer_Full	22.33	/	/	21.49	/	/	<=30	Pass
		Inner_Full	23.39	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	22.64	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.39	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	21.20	/	/	<=30	Pass
		Outer_Full	22.35	/	/	21.51	/	/	<=30	Pass
		Inner_Full	23.43	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	22.84	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	21.63	/	/	20.79	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	21.28	/	/	<=30	Pass
		Outer_Full	21.99	/	/	21.15	/	/	<=30	Pass
		Inner_Full	22.00	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	21.54	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.62	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	20.97	/	/	<=30	Pass
		Outer_Full	21.82	/	/	20.98	/	/	<=30	Pass
		Inner_Full	21.89	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	21.13	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.22	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	21.41	/	/	<=30	Pass
		Outer_Full	21.86	/	/	21.02	/	/	<=30	Pass
		Inner_Full	21.87	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	21.41	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	18.76	/	/	17.92	/	/	<=30	Pass
		Edge_1RB_Right	19.00	/	/	18.16	/	/	<=30	Pass
		Outer_Full	18.94	/	/	18.10	/	/	<=30	Pass
		Inner_Full	18.90	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Left	18.90	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Right	19.22	/	/	18.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.53	/	/	17.69	/	/	<=30	Pass
		Edge_1RB_Right	18.93	/	/	18.09	/	/	<=30	Pass
		Outer_Full	18.77	/	/	17.93	/	/	<=30	Pass
		Inner_Full	18.92	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	18.90	/	/	18.06	/	/	<=30	Pass
	3930	Edge_1RB_Left	18.37	/	/	17.53	/	/	<=30	Pass
		Edge_1RB_Right	19.09	/	/	18.25	/	/	<=30	Pass
		Outer_Full	18.83	/	/	17.99	/	/	<=30	Pass
		Inner_Full	18.85	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	17.50	/	/	<=30	Pass



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		Inner 1RB_Right	19.29	/	/	18.45	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.84dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n77a 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	3840	Outer_Full	20	LV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-22.20	-0.0058	>=-2.5 & <=2.5	Pass
			-30	NV	-13.90	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-11.20	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	14.90	0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-14.10	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	13.10	0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-9.10	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_NTNV

5G NR n77a 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	3840	Outer_Full	17.85	18.89	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	17.85	18.81	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	17.84	18.91	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	17.87	19.07	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	17.88	19.00	/	Pass
CP-OFDM QPSK	3840	Outer_Full	18.23	19.34	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	18.17	19.72	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	18.24	19.55	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	18.29	19.08	/	Pass

3.1.2 30_S_30M_NTNV



5G NR n77a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	26.79	28.22	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	26.81	28.14	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	26.89	28.20	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	26.73	27.81	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	26.72	28.21	/	Pass
CP-OFDM QPSK	3840	Outer_Full	27.85	29.24	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	27.85	29.00	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	27.90	29.38	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	27.89	29.14	/	Pass

3.1.3 30_S_40M_NTN

5G NR n77a SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	35.75	37.65	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	35.77	37.68	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	35.72	37.62	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	35.81	37.66	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	35.73	37.59	/	Pass
CP-OFDM QPSK	3840	Outer_Full	37.89	39.74	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	37.84	39.77	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	37.86	39.72	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	37.92	39.69	/	Pass

3.1.4 30_S_50M_NTN

5G NR n77a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	45.80	47.65	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	45.73	47.67	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	45.75	47.56	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	45.84	47.79	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	45.72	47.69	/	Pass
CP-OFDM QPSK	3840	Outer_Full	47.51	49.58	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	47.59	49.48	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	47.59	49.49	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	47.45	49.48	/	Pass

3.1.5 30_S_60M_NTN

5G NR n77a 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	3840	Outer_Full	58.02	60.77	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	57.91	60.87	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	58.10	60.71	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	58.06	60.79	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	58.18	60.85	/	Pass
CP-OFDM QPSK	3840	Outer_Full	57.94	60.87	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	58.05	60.79	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	57.93	60.80	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	58.00	60.71	/	Pass

3.1.6 30_S_80M_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	77.16	80.19	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	77.23	80.31	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	77.21	80.27	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	77.20	80.33	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	77.11	80.25	/	Pass
CP-OFDM QPSK	3840	Outer_Full	77.58	80.62	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	77.53	80.72	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	77.53	80.75	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	77.54	80.73	/	Pass

3.1.7 30_S_90M_NTNV

5G NR n77a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	86.80	90.03	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	86.79	90.06	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	86.83	90.10	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	86.80	90.17	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	86.73	90.08	/	Pass
CP-OFDM QPSK	3840	Outer_Full	87.61	90.75	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	87.50	90.88	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	87.51	90.75	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	87.62	90.75	/	Pass

3.1.8 30_S_100M_NTNV

5G NR n77a 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	3840	Outer_Full	96.42	99.83	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	96.41	99.94	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	96.50	99.83	/	Pass



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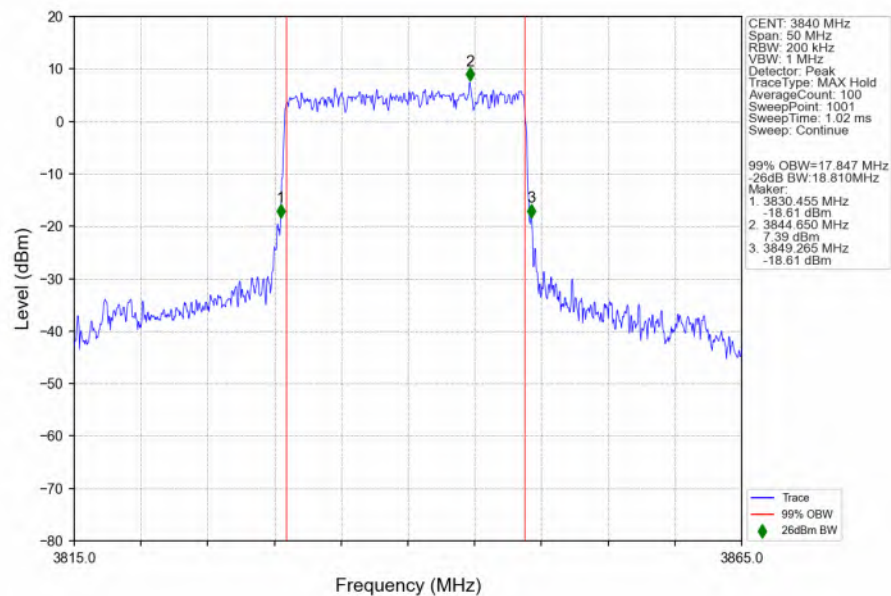
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DFT-s-OFDM 64 QAM	3840	Outer Full	96.48	99.77	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	96.42	99.90	/	Pass
CP-OFDM QPSK	3840	Outer Full	97.45	100.91	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	97.51	100.93	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	97.73	101.05	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	97.38	100.73	/	Pass

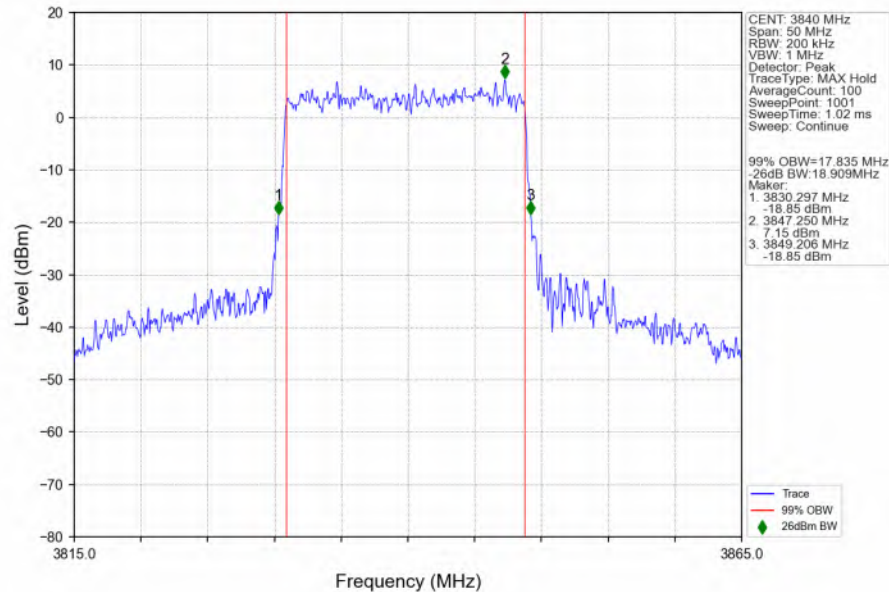
3.2 Test Graph

3.2.1 30_S_20M_NTNV

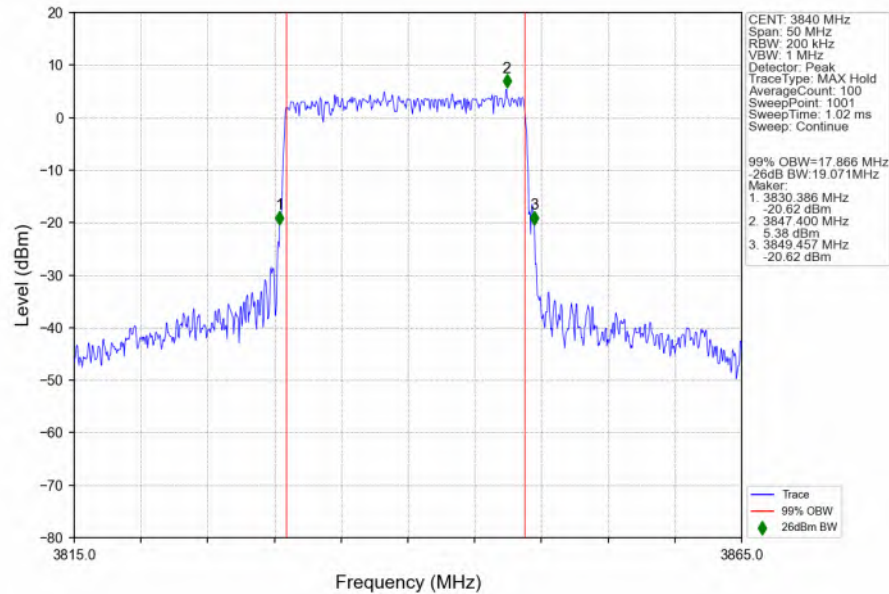




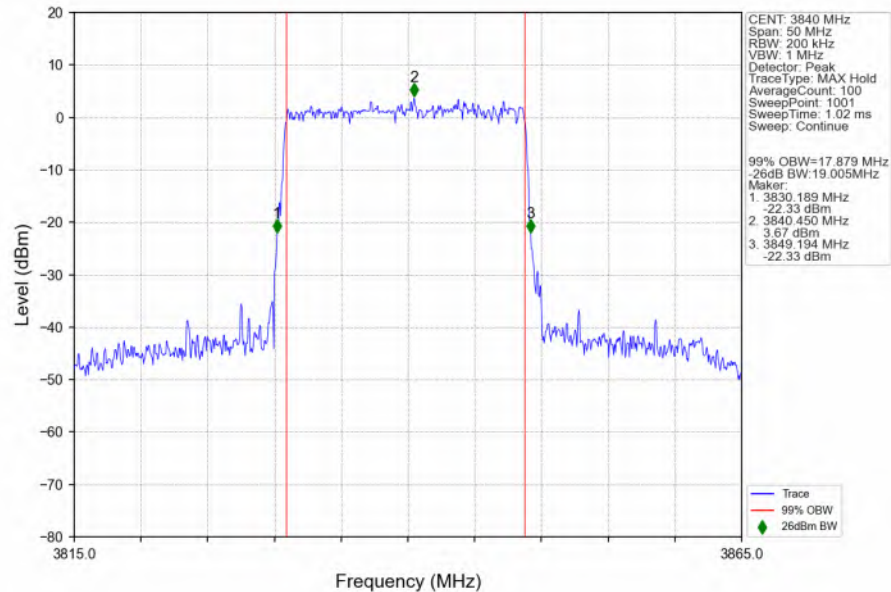
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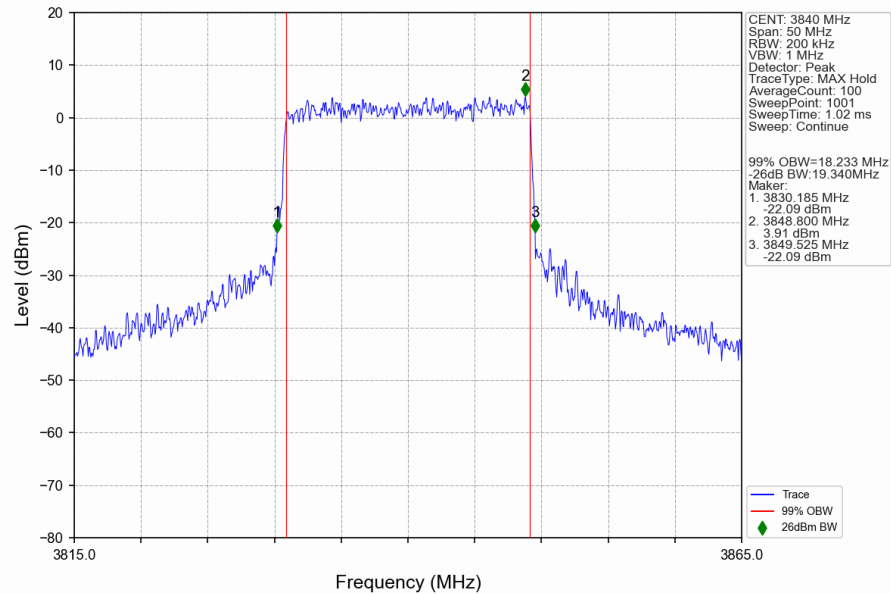
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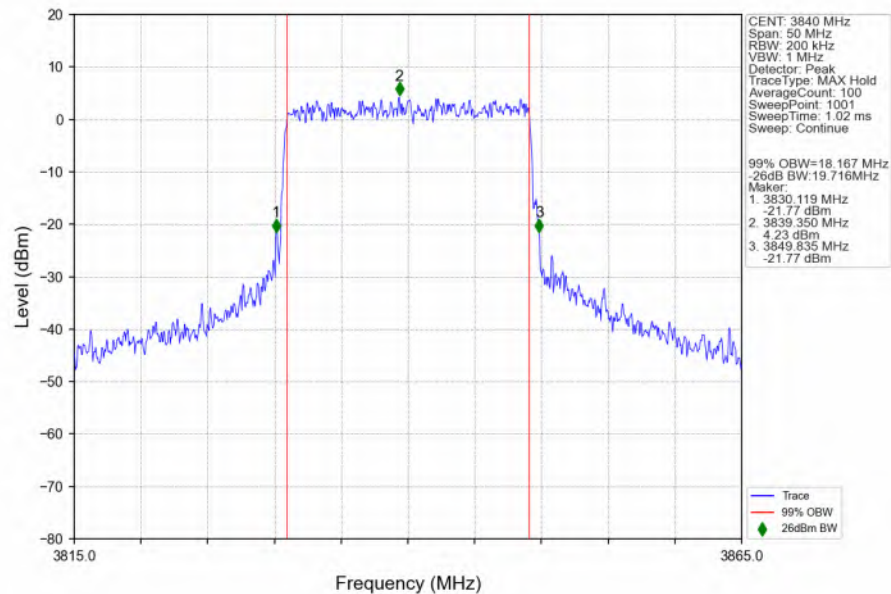
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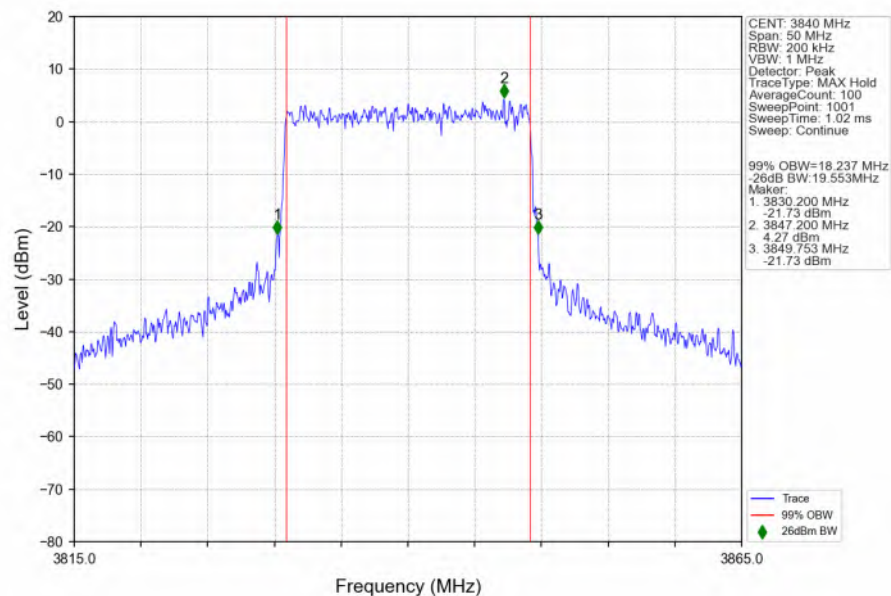
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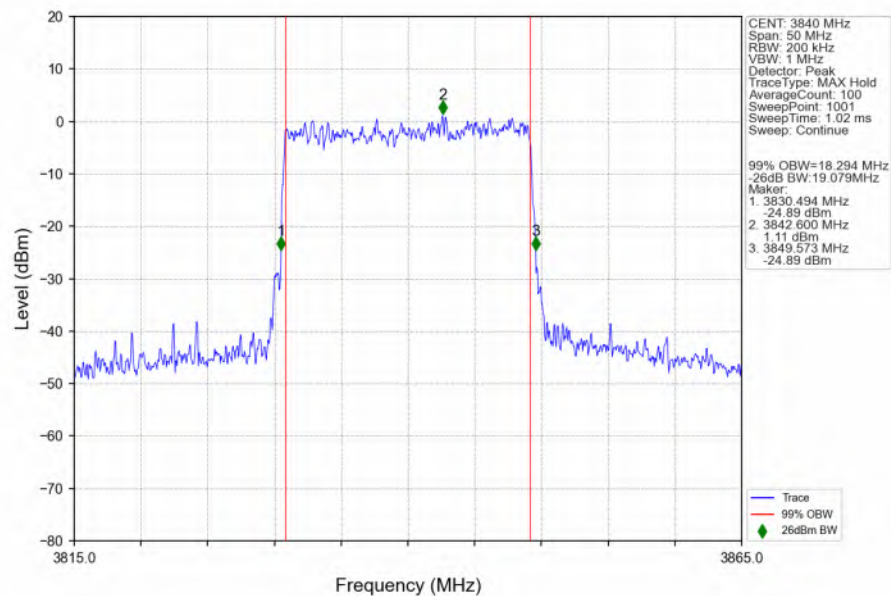
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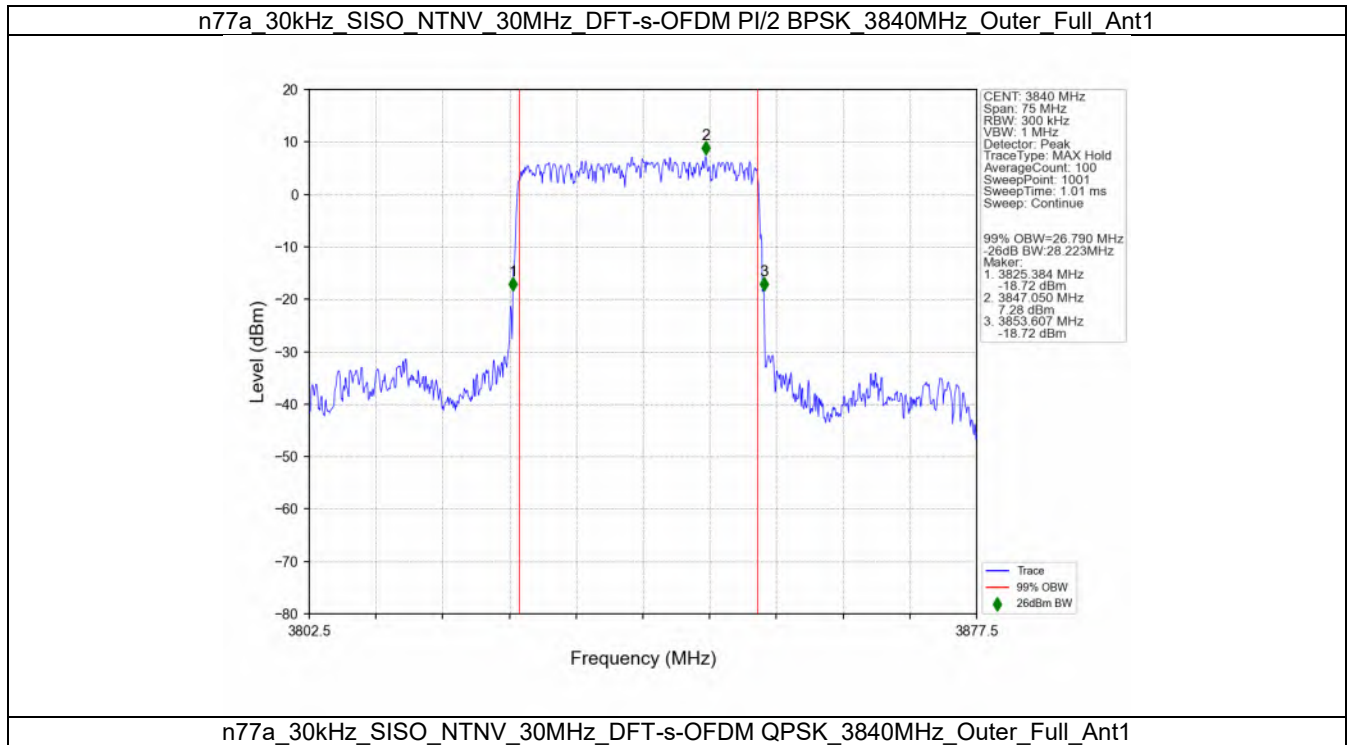
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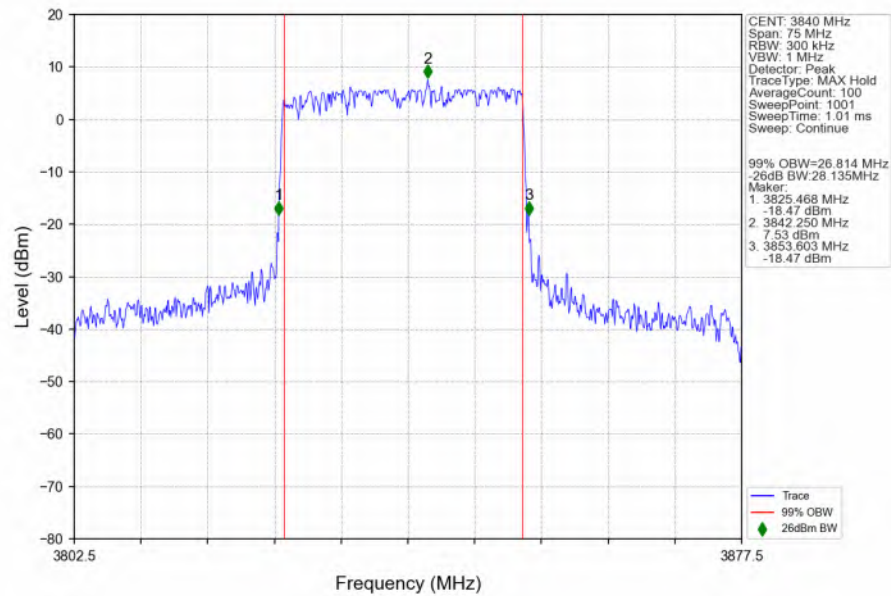


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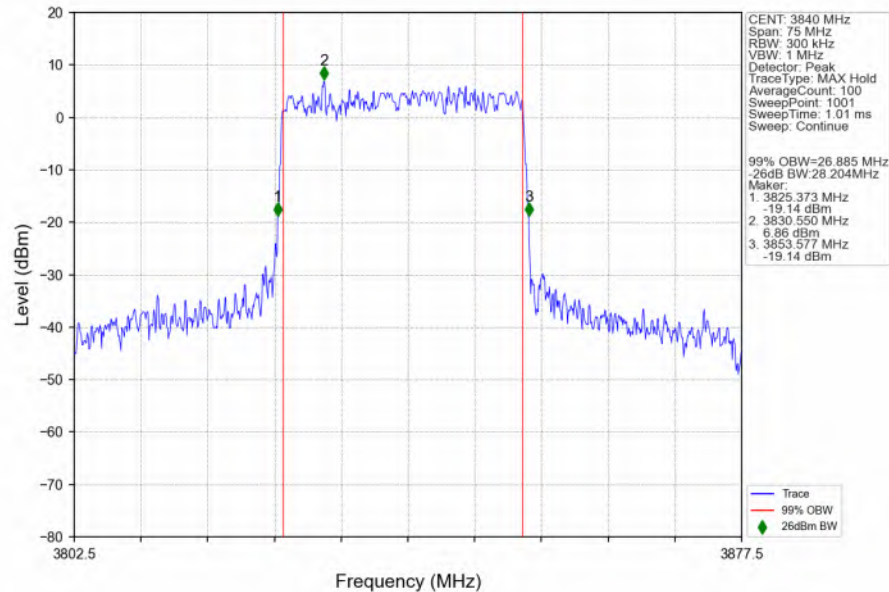


3.2.2 30_S_30M_NTNV

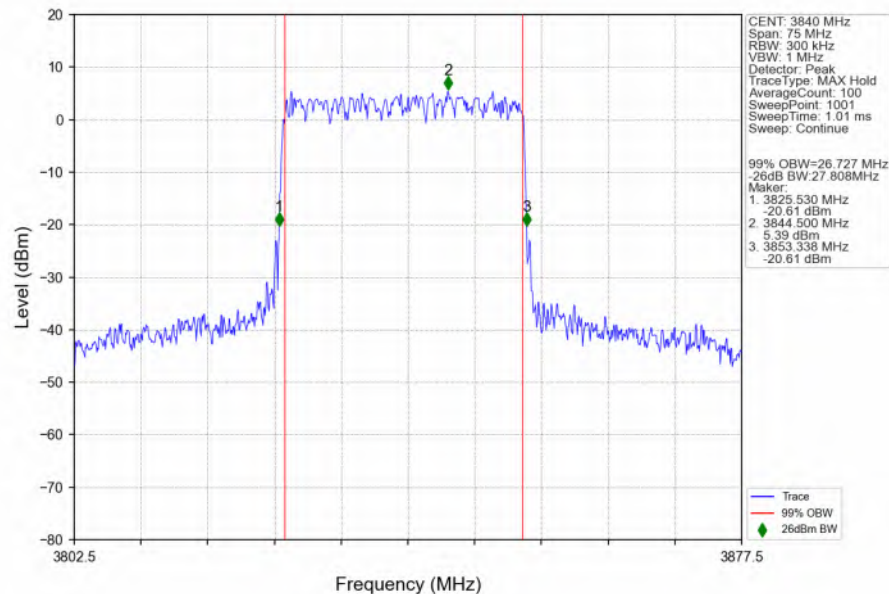




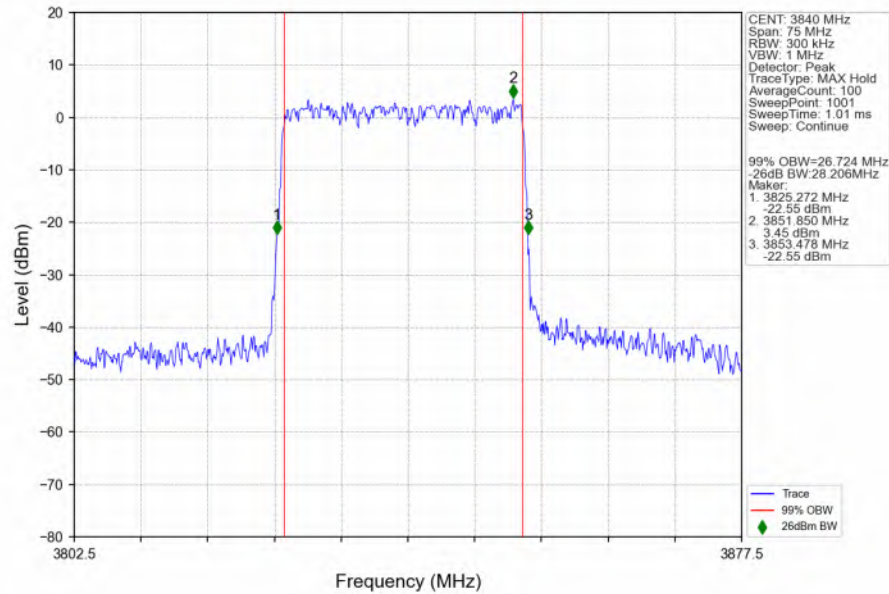
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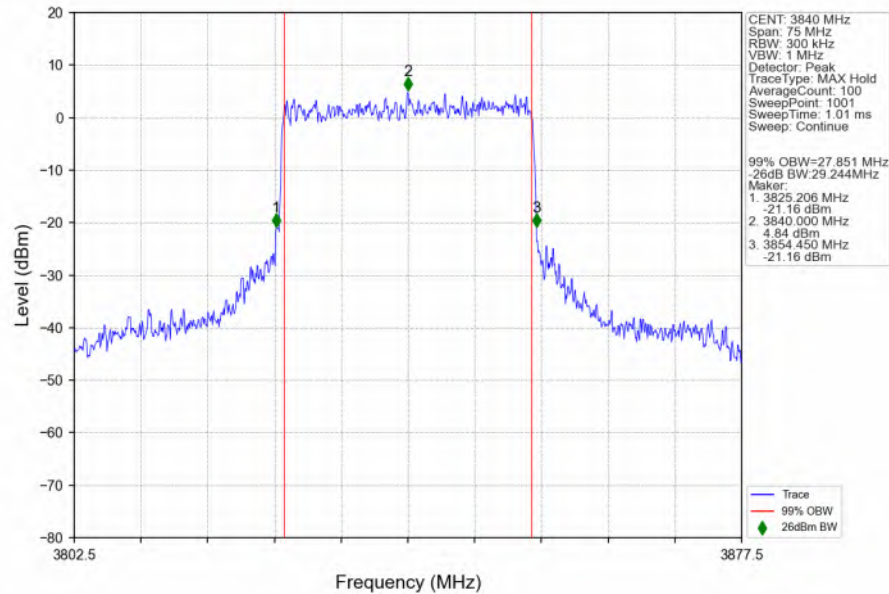
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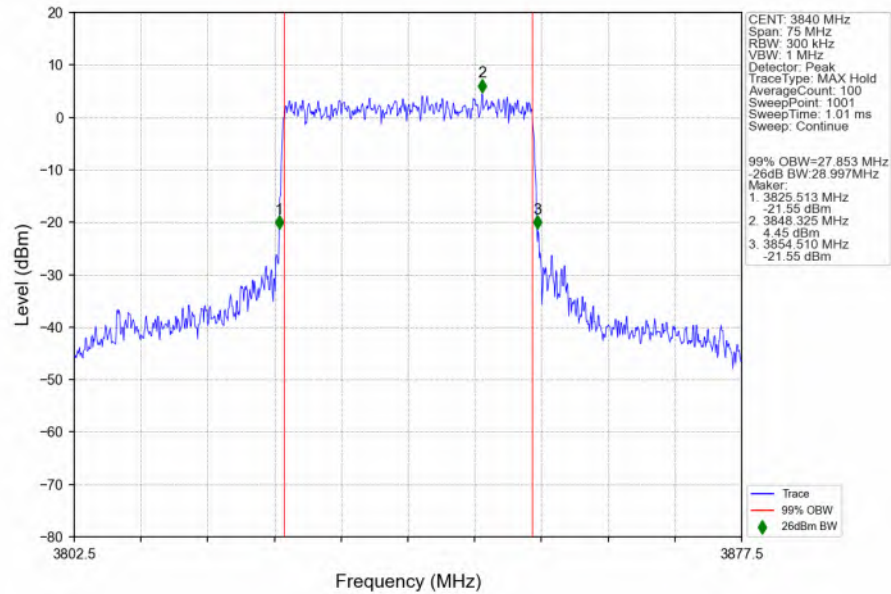
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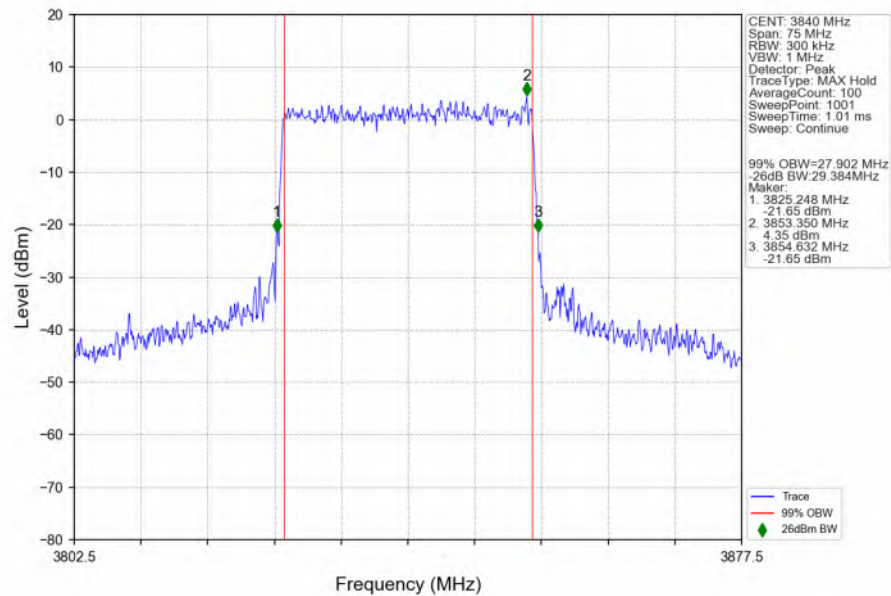
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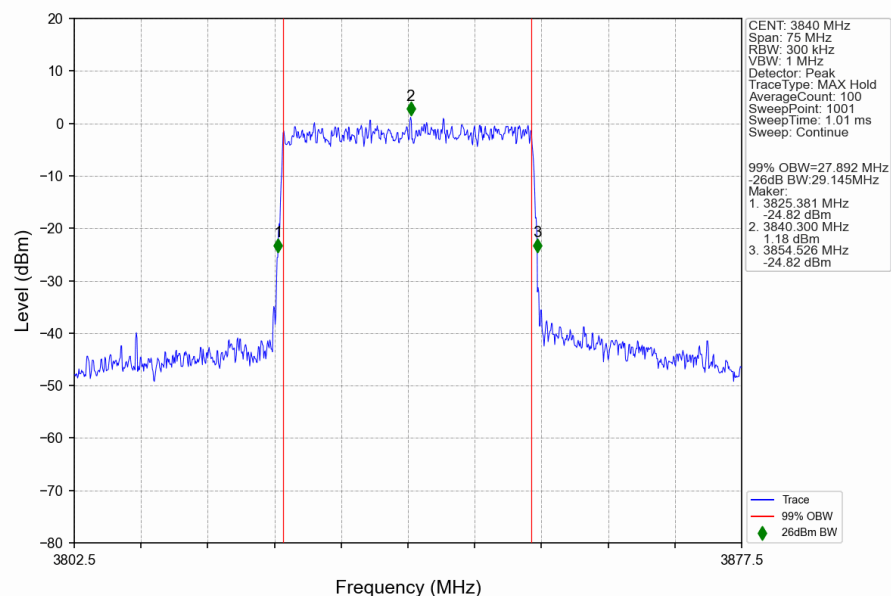
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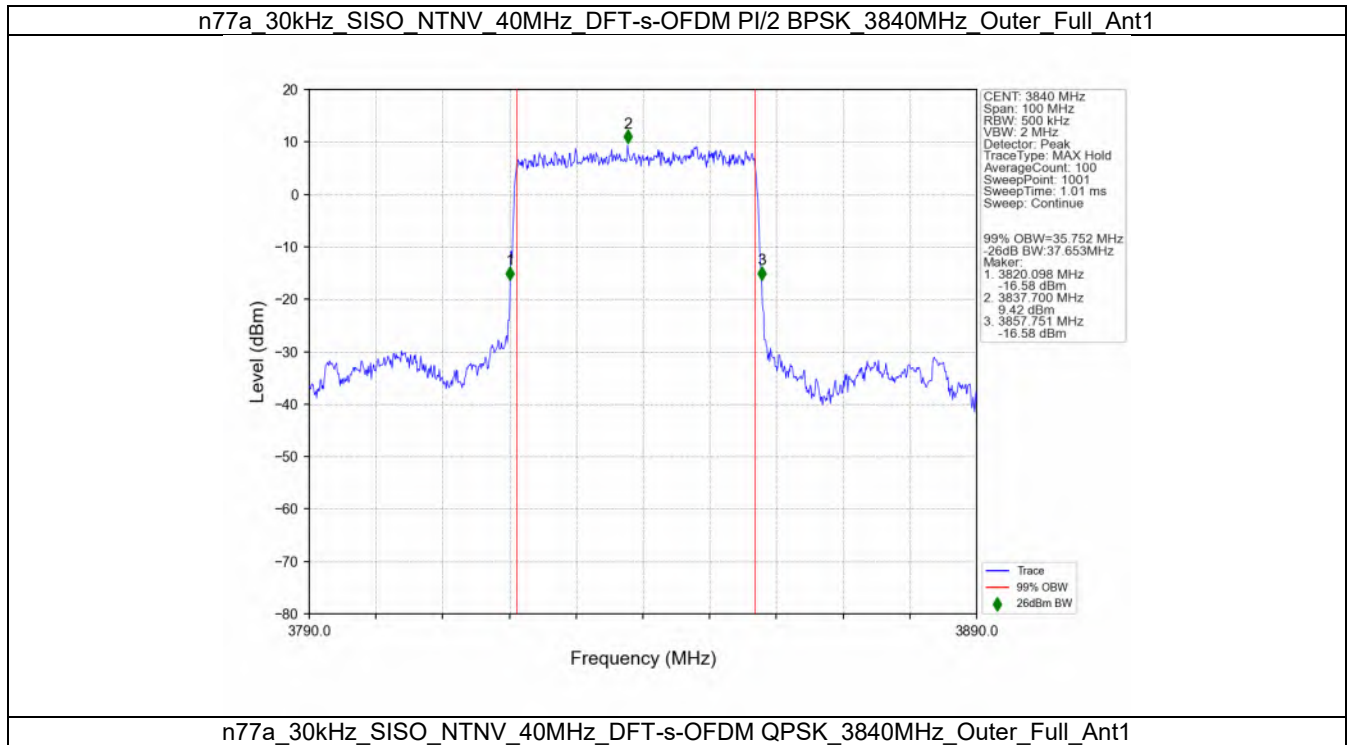
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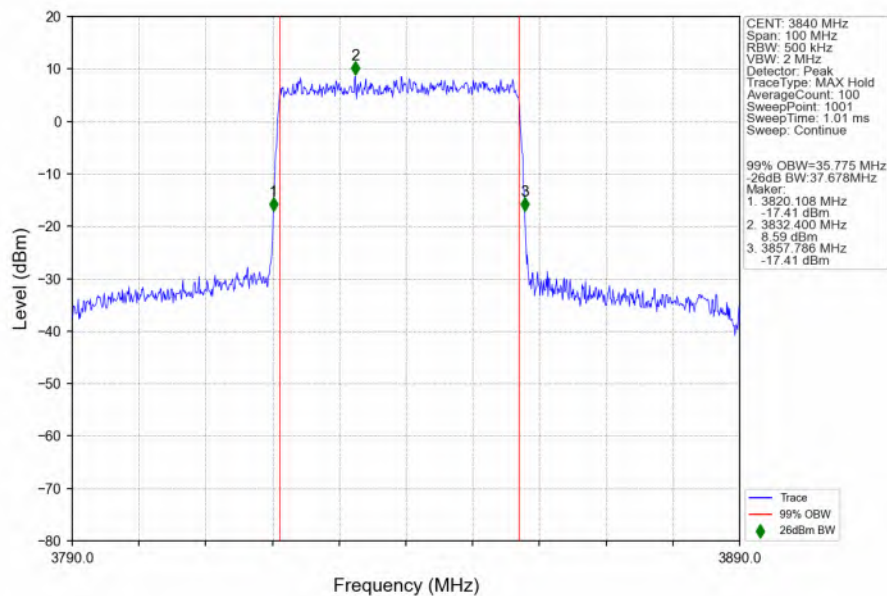


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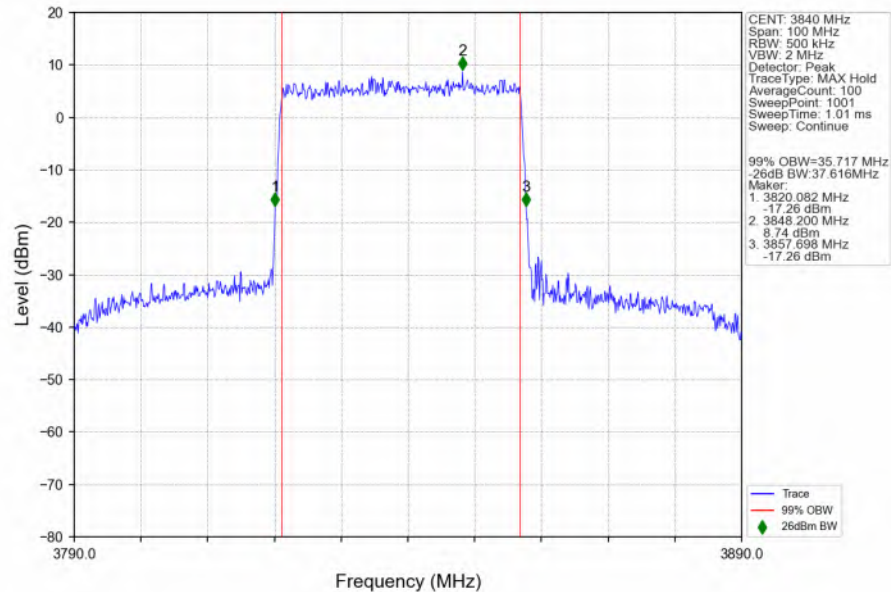


3.2.3 30_S_40M_NTNV

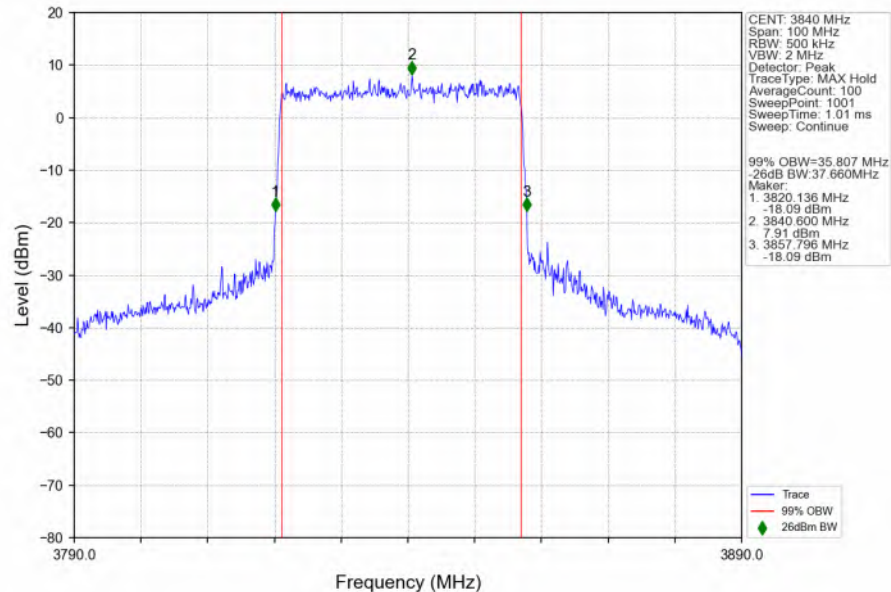




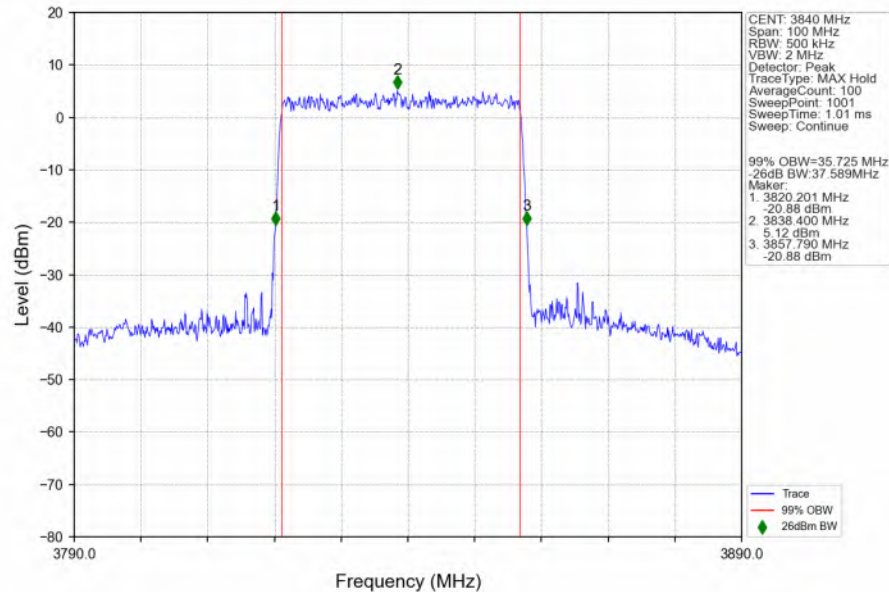
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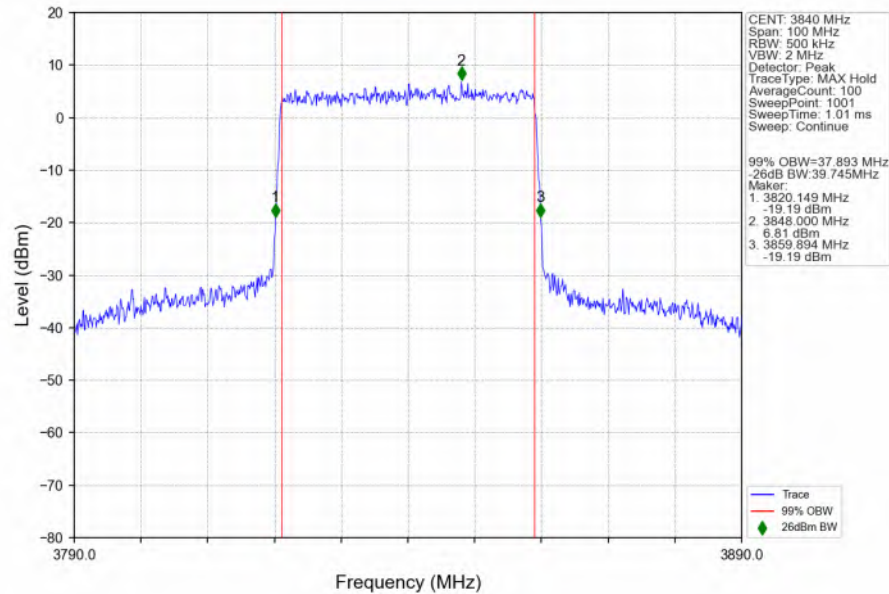
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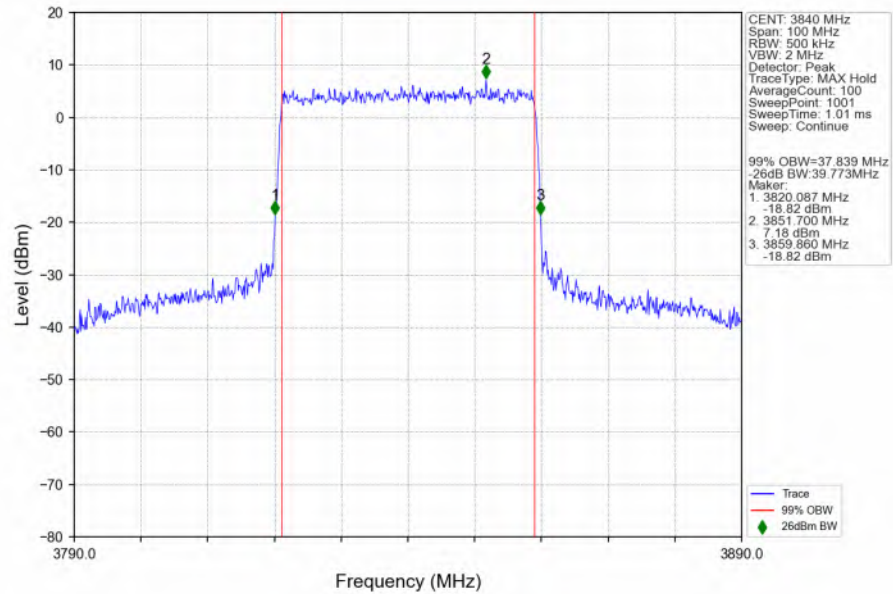
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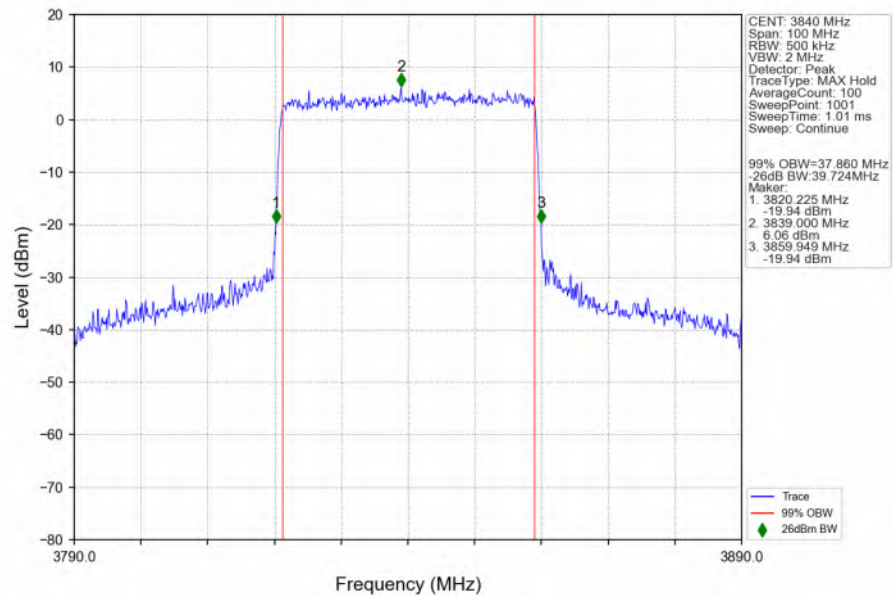
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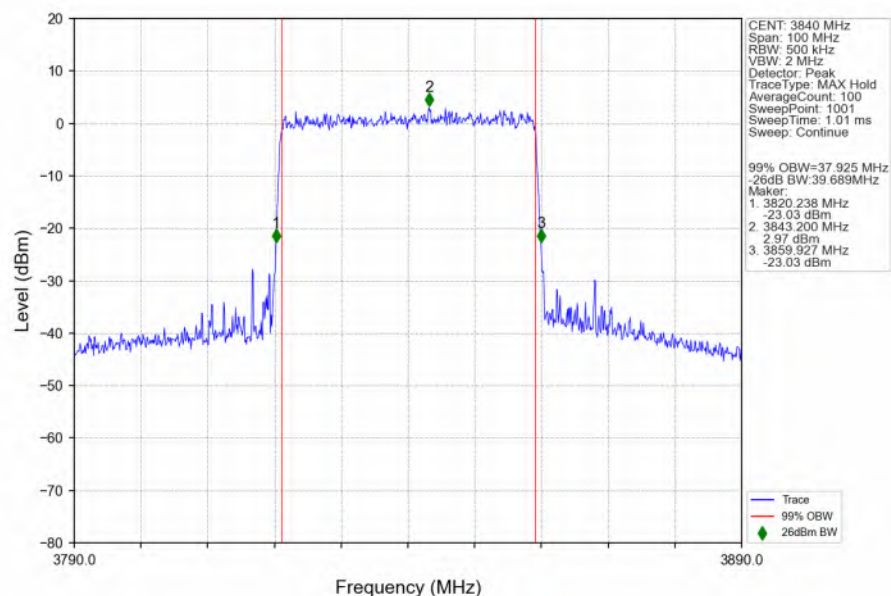
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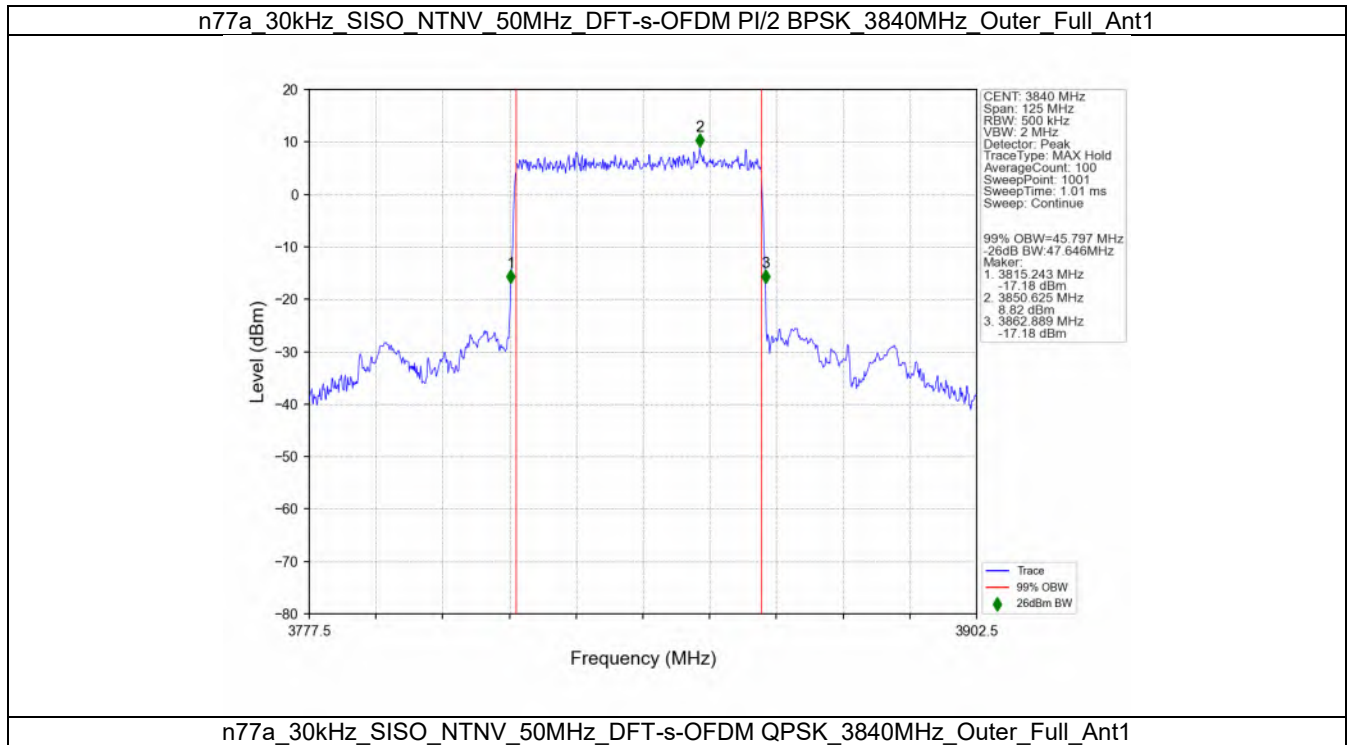
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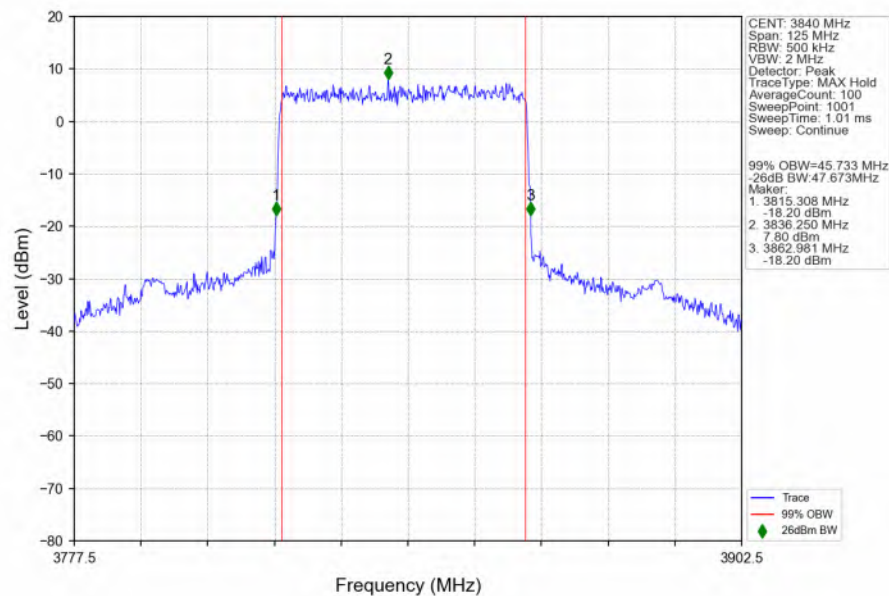


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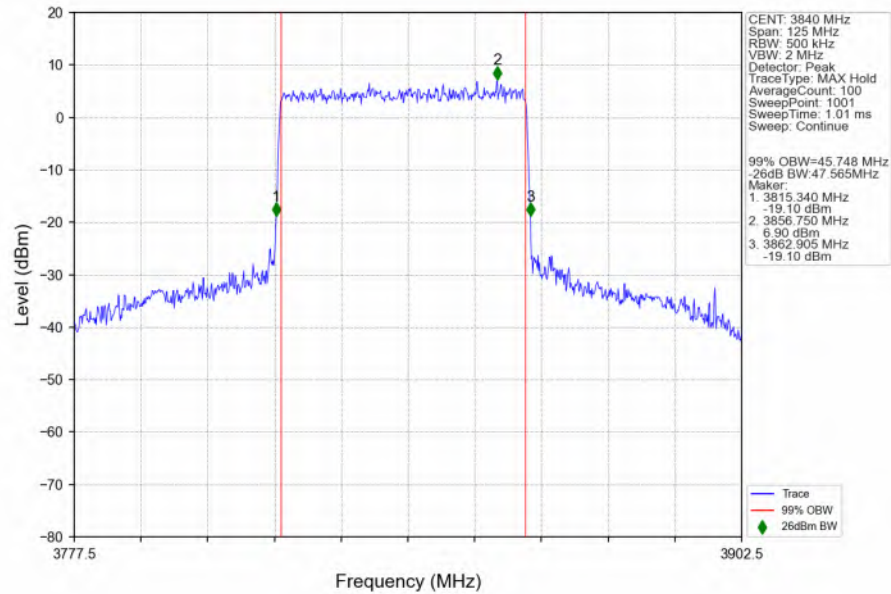


3.2.4 30_S_50M_NTNV

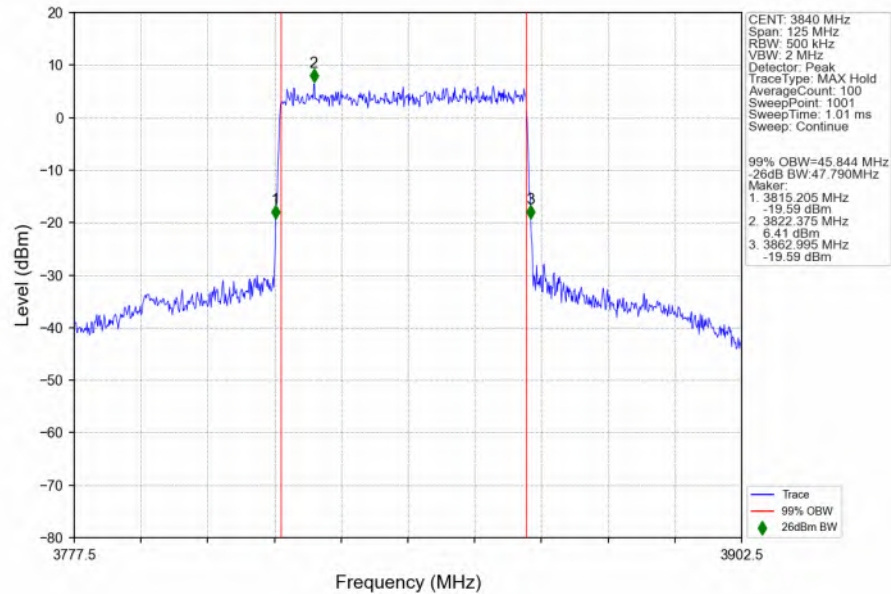




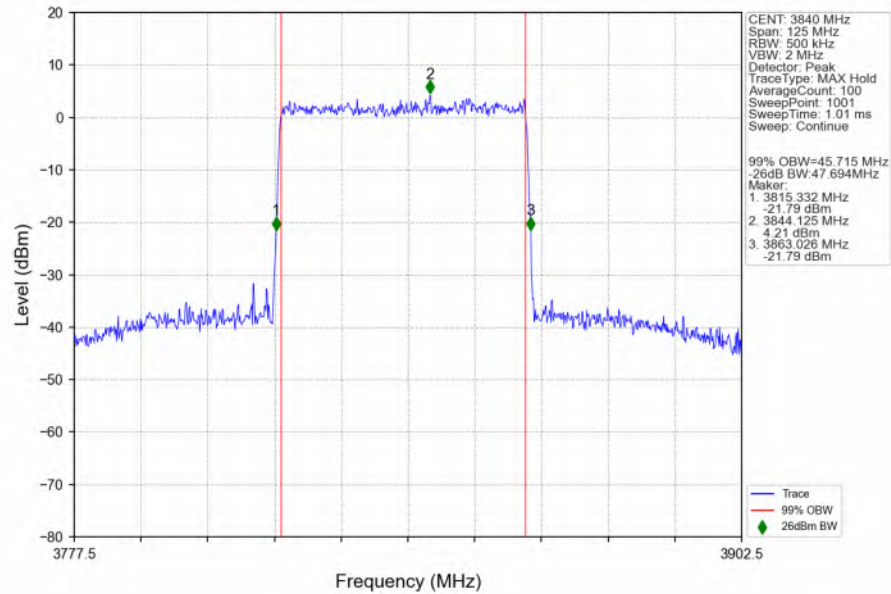
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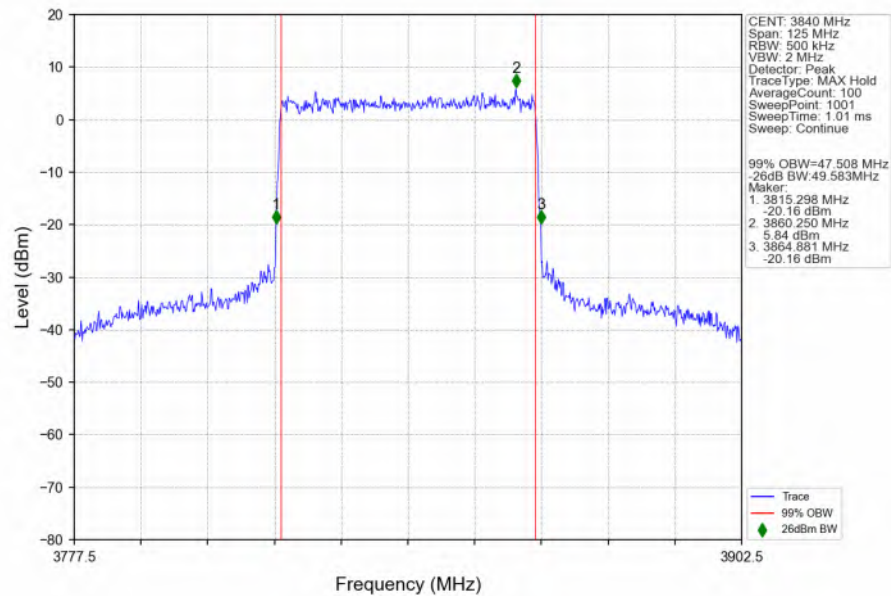
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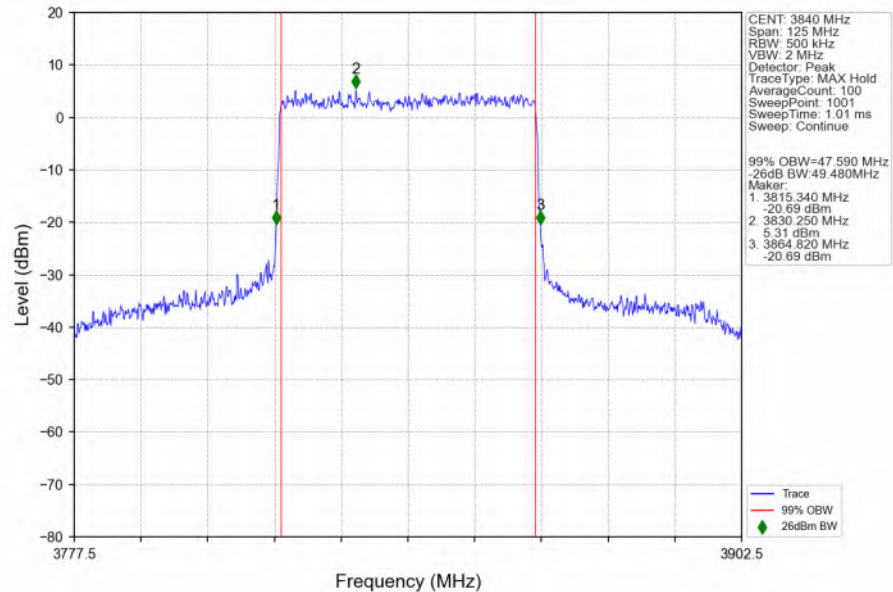
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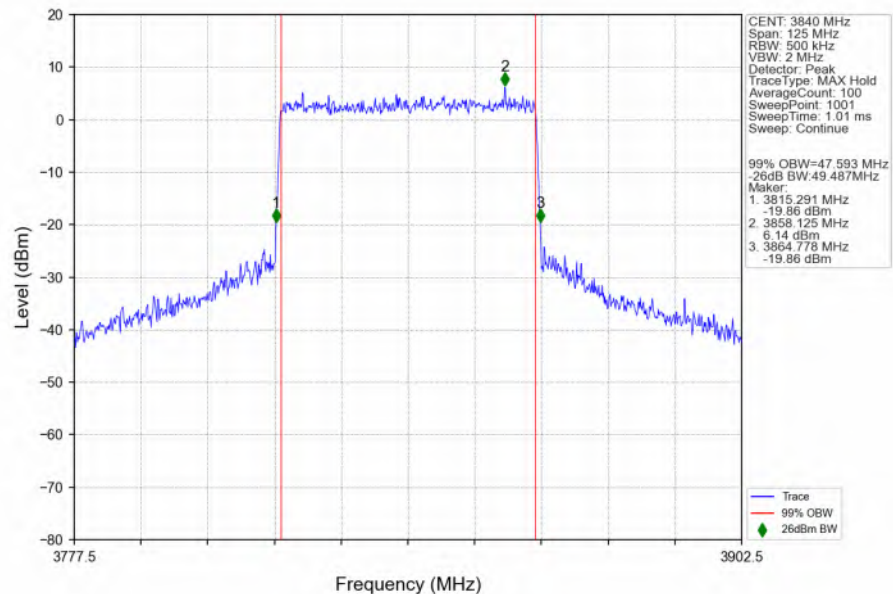
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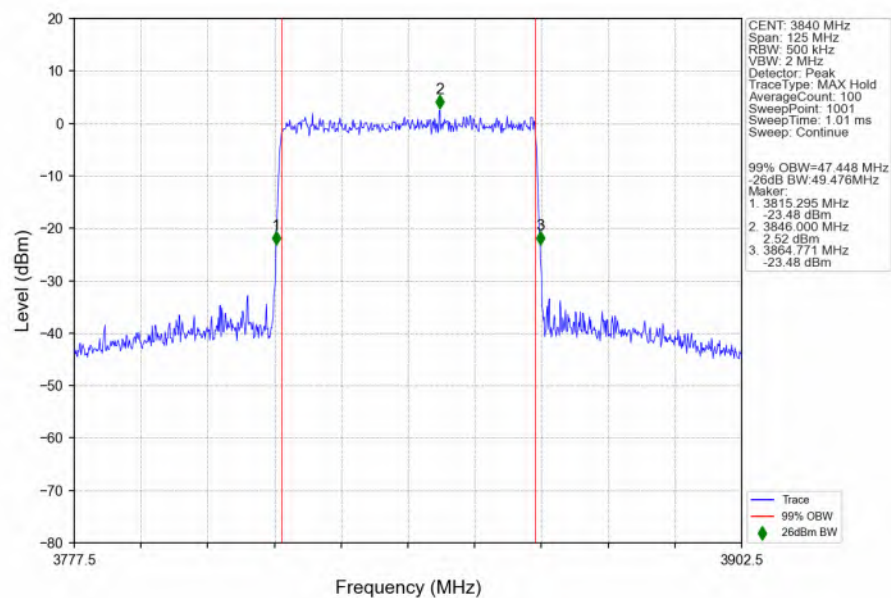
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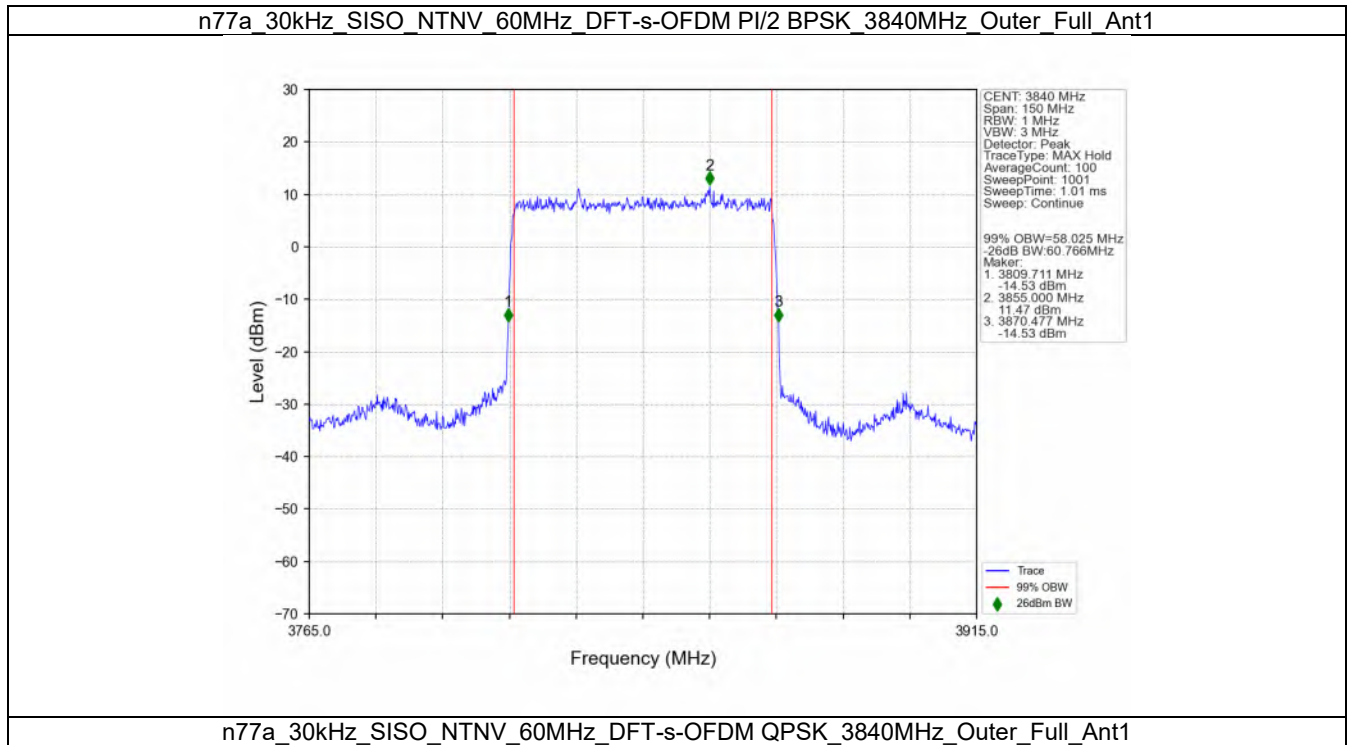
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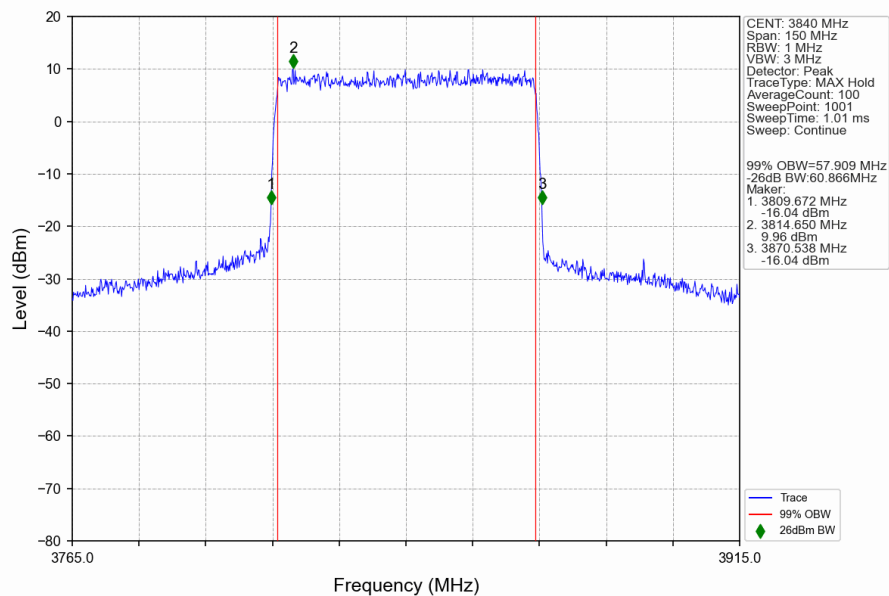


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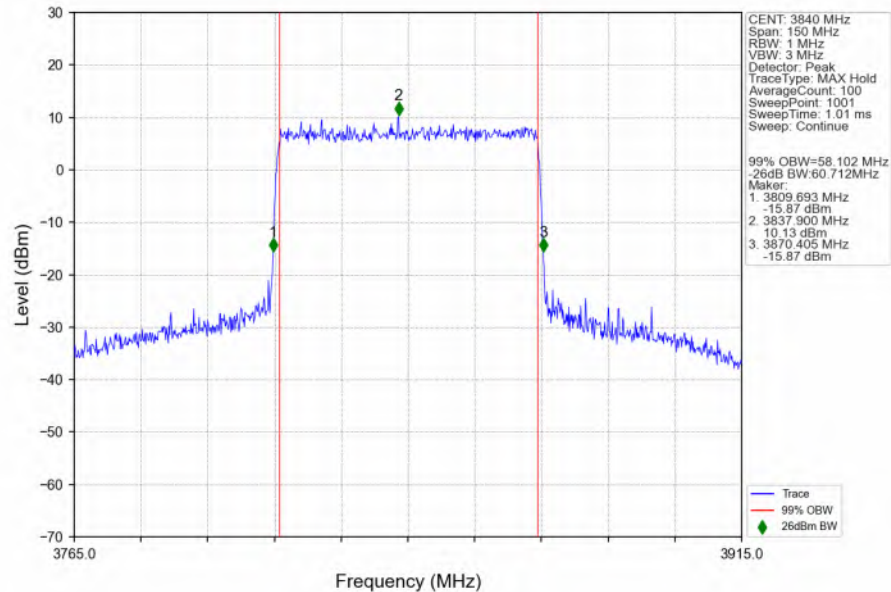


3.2.5 30_S_60M_NTNV

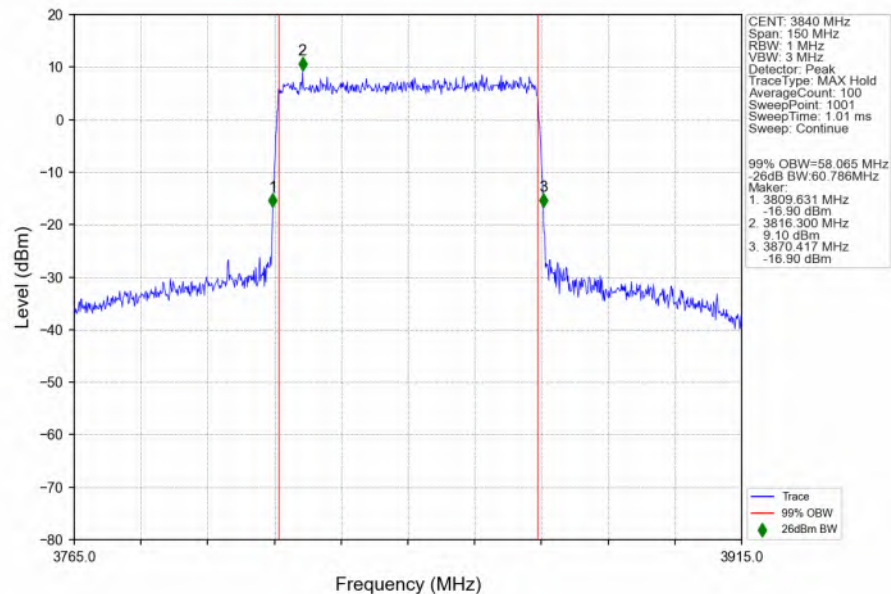




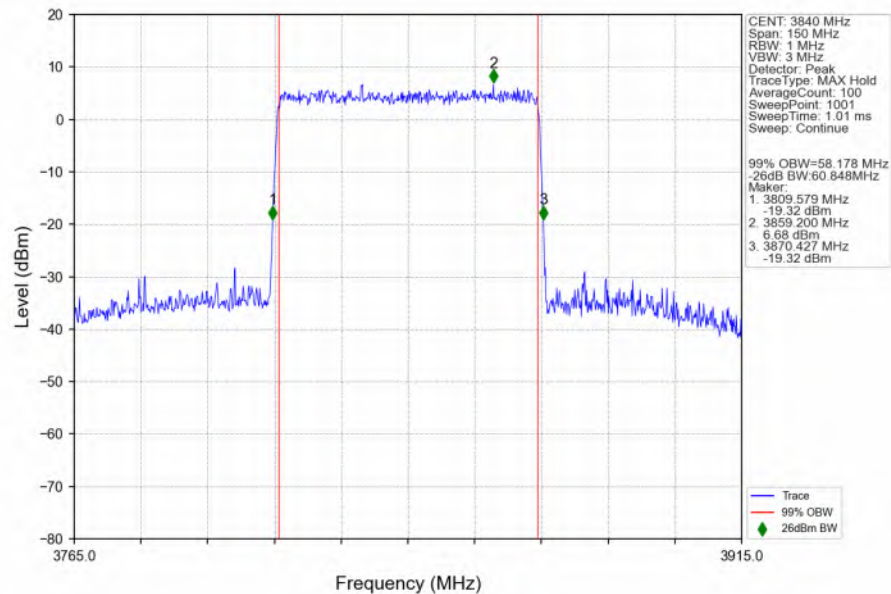
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant1



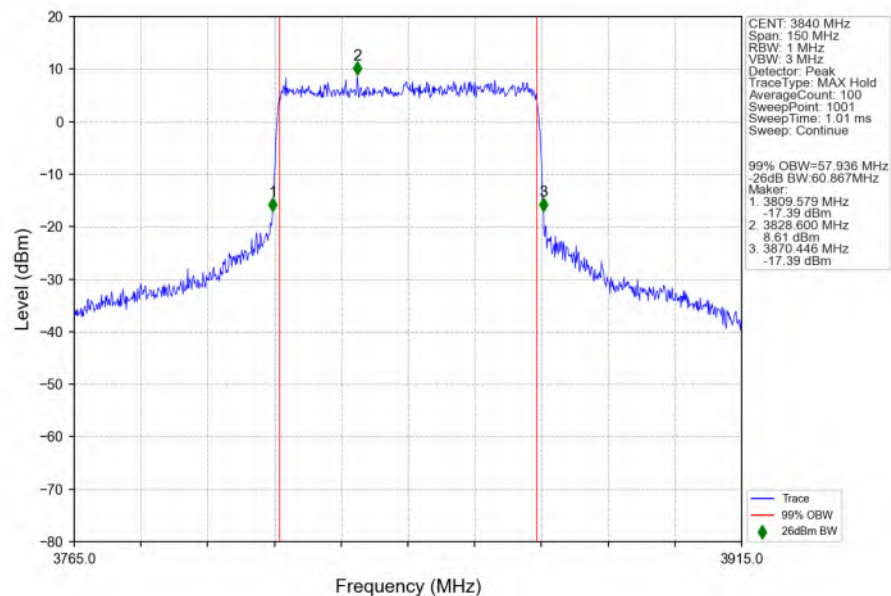
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3840MHz_Outer_Full_Ant1



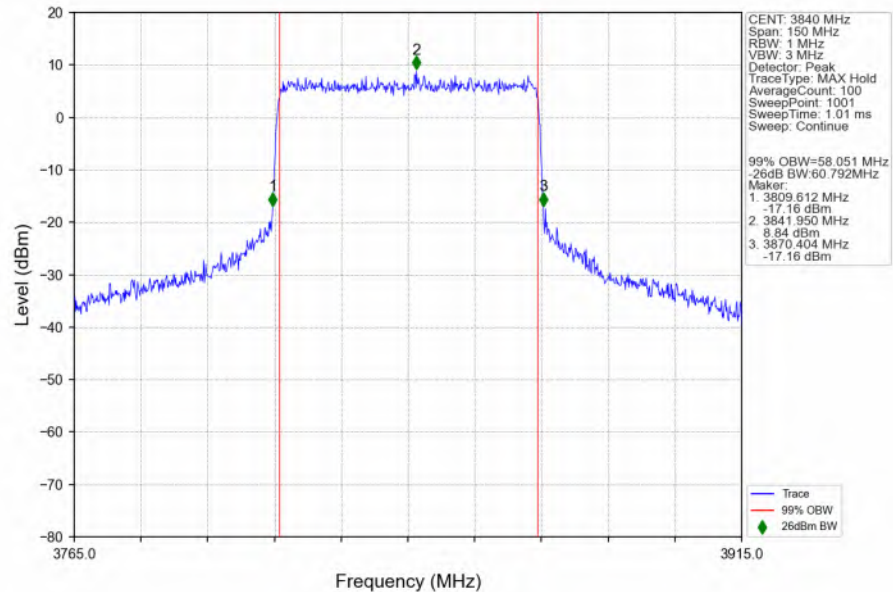
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



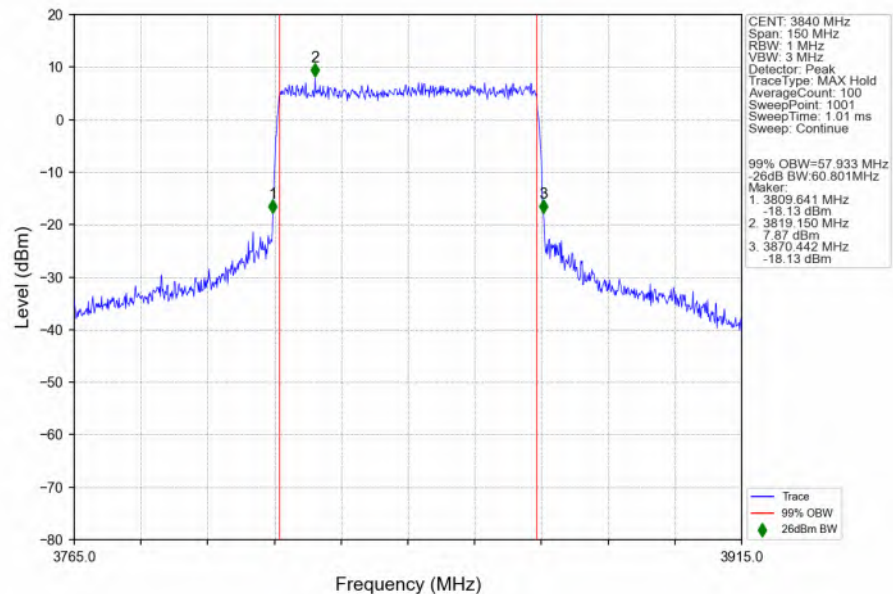
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



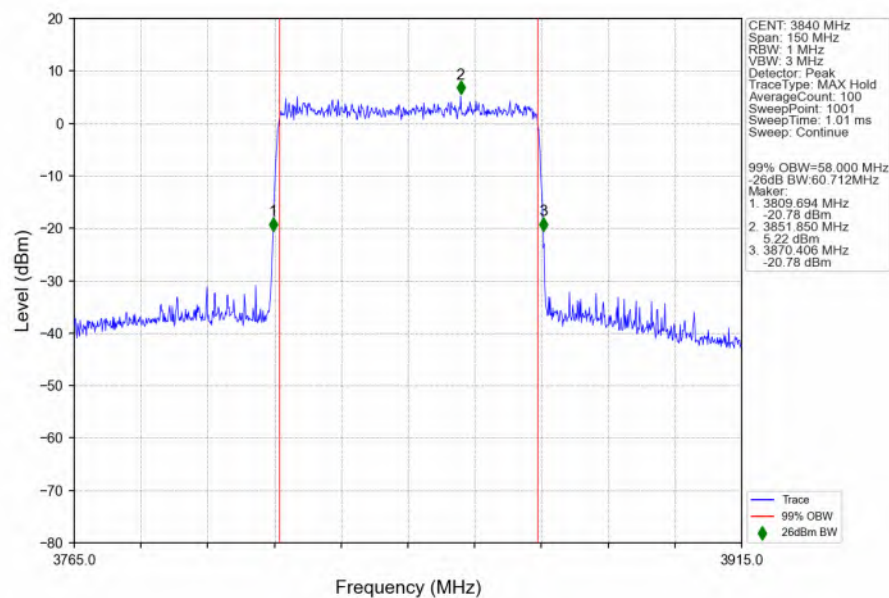
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3840MHz_Outer_Full_Ant1



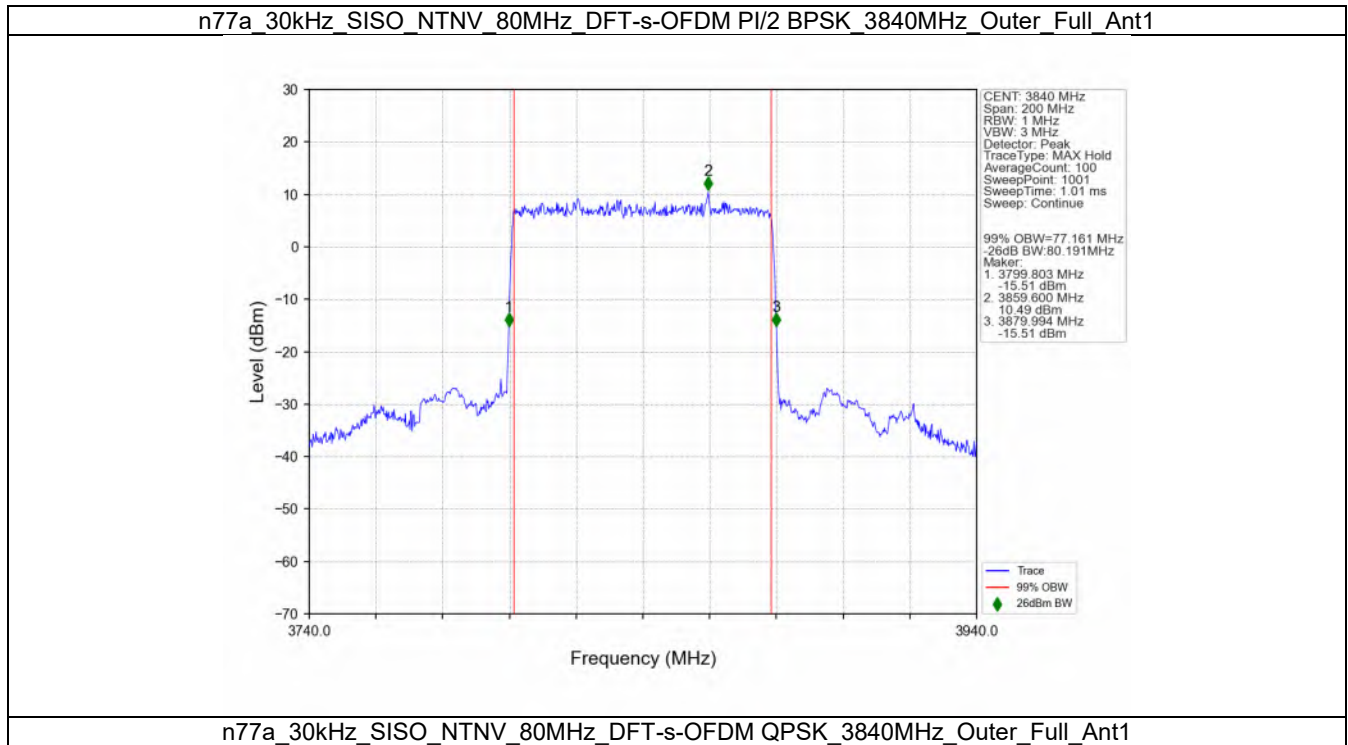
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 3840MHz_Outer_Full_Ant1

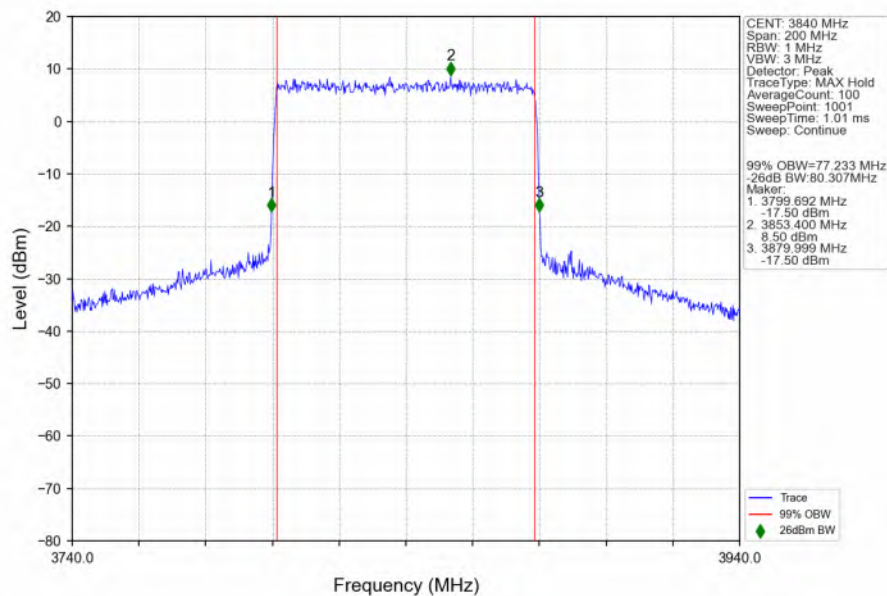


n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

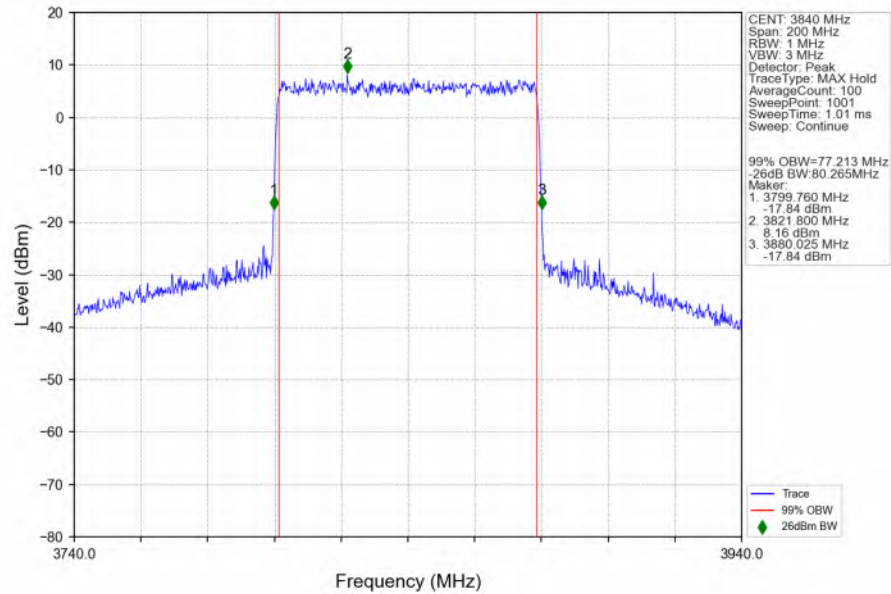


3.2.6 30_S_80M_NTNV

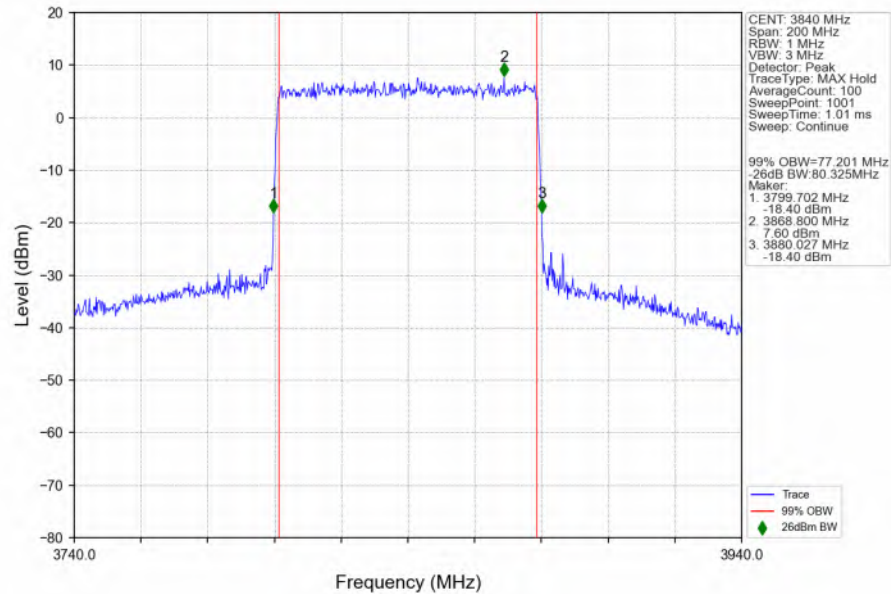




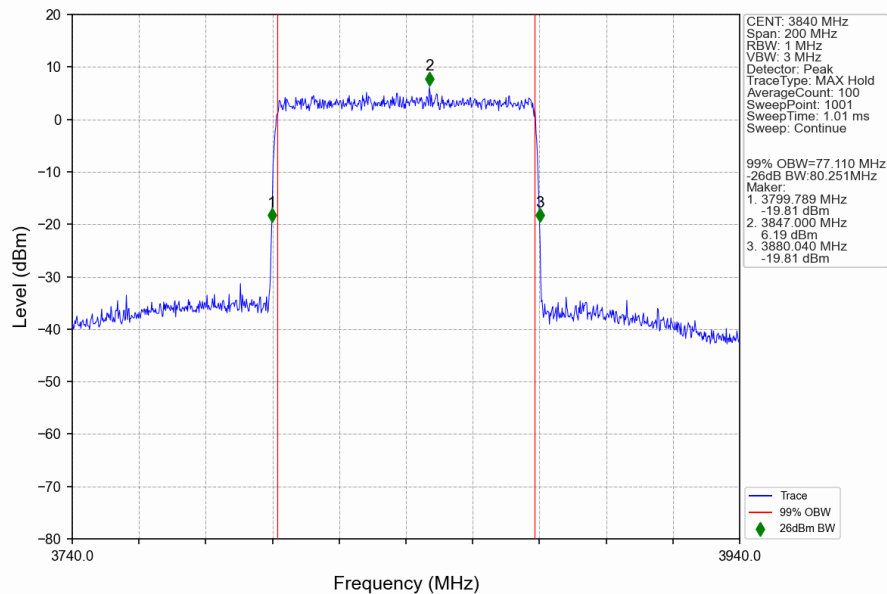
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant1



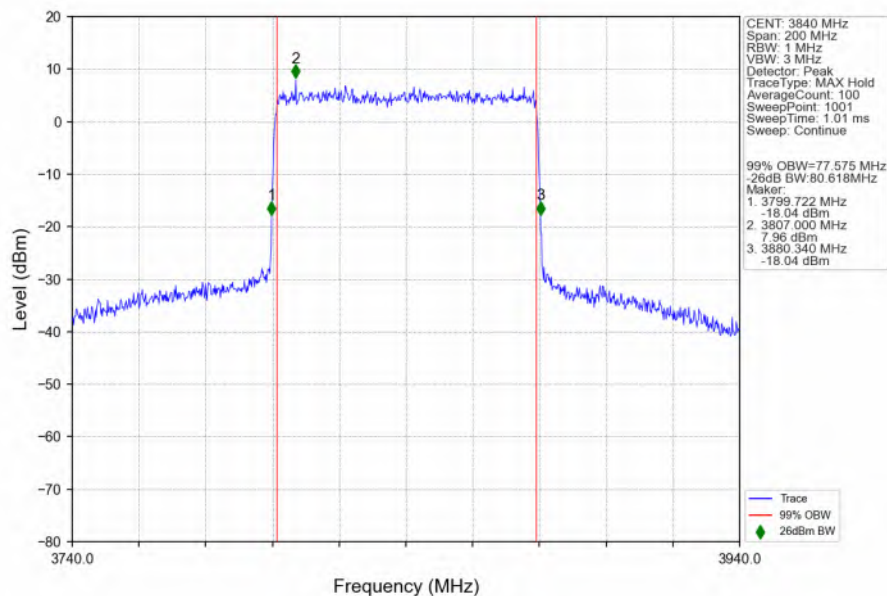
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3840MHz_Outer_Full_Ant1



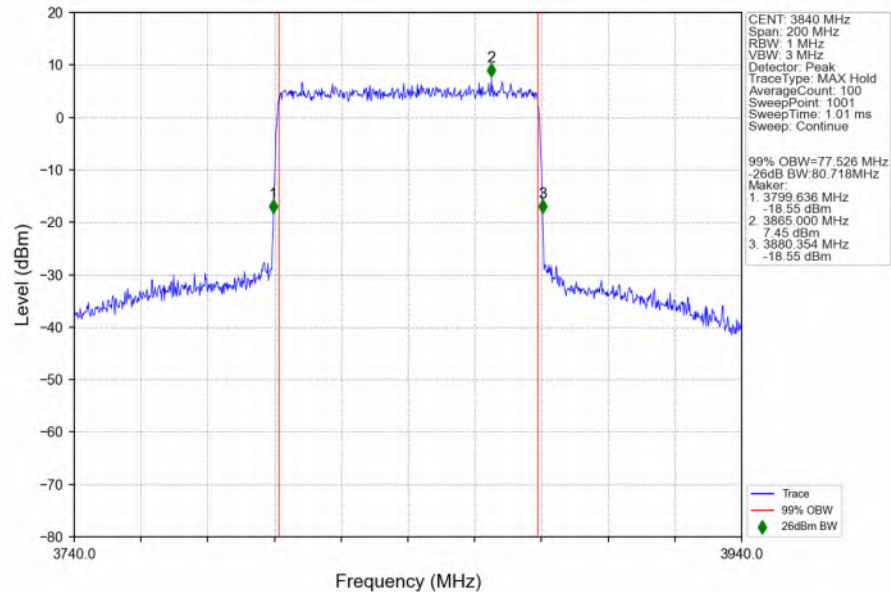
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



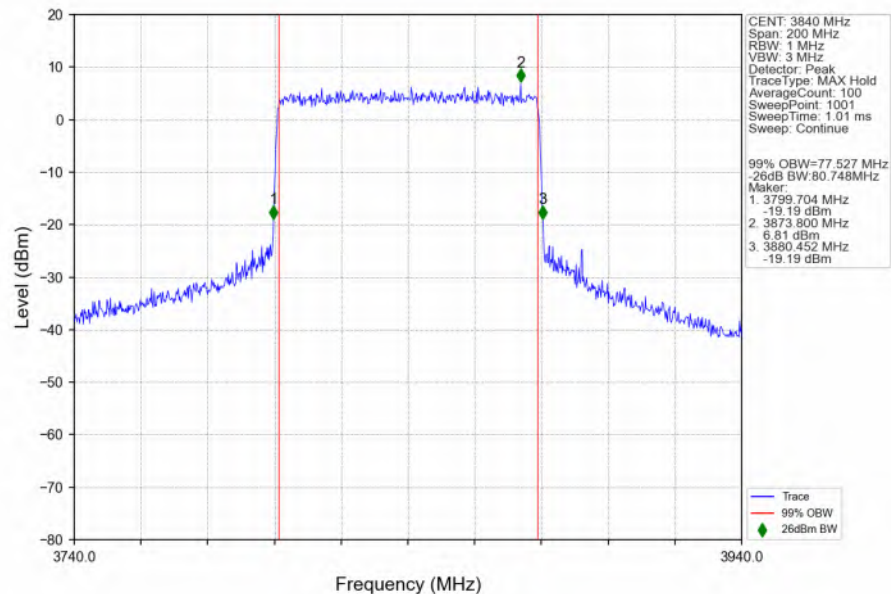
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



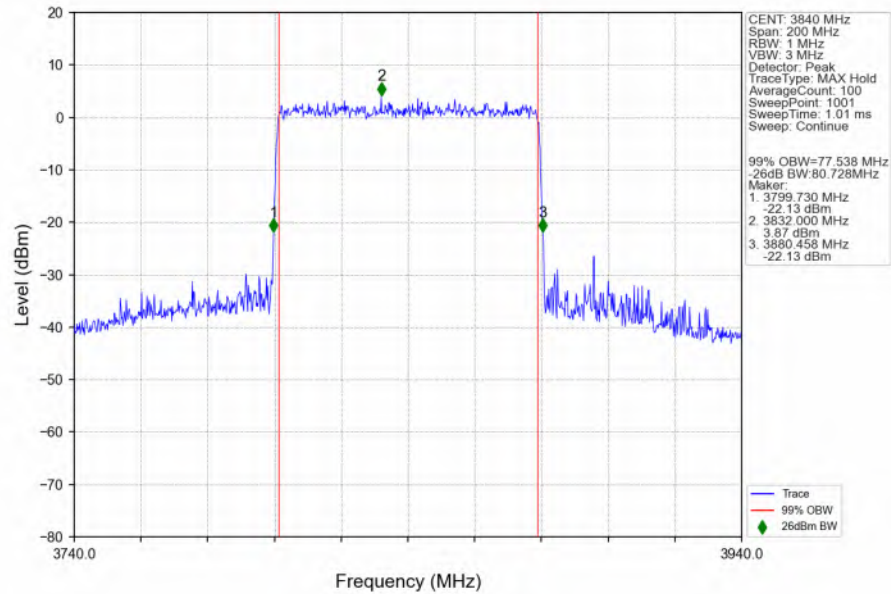
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3840MHz_Outer_Full_Ant1



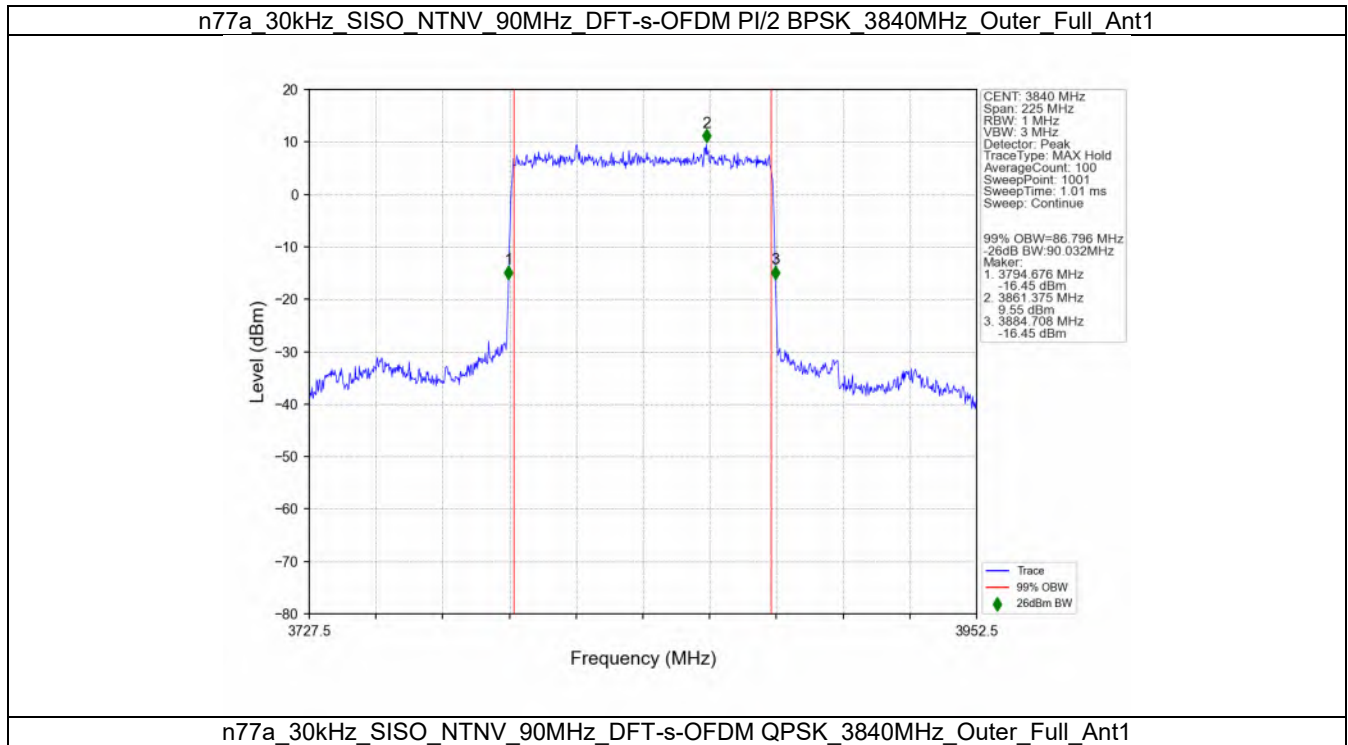
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3840MHz_Outer_Full_Ant1

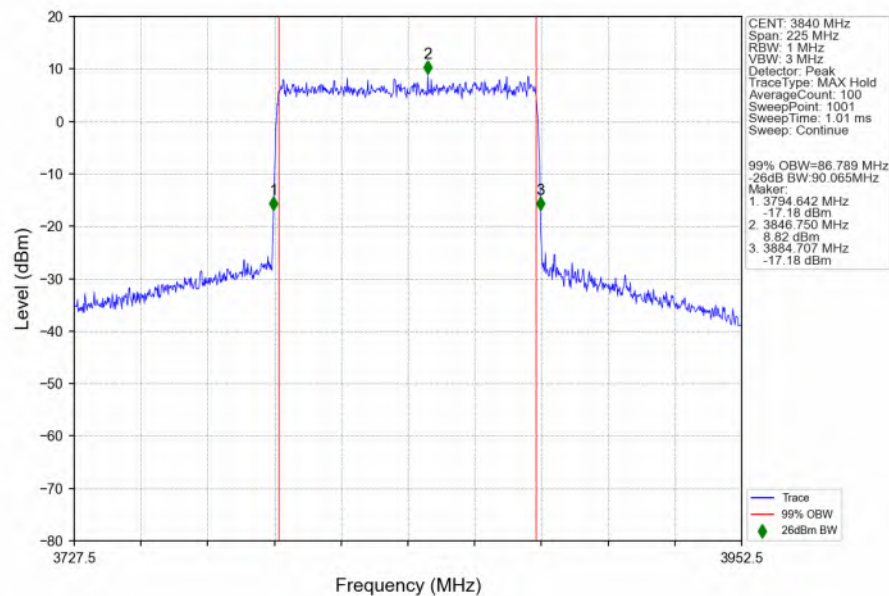


n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

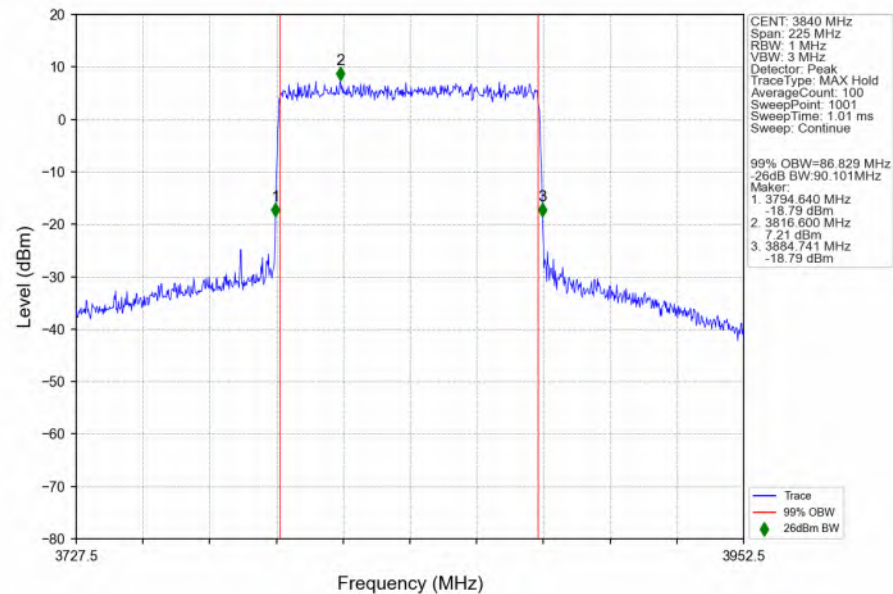


3.2.7 30_S_90M_NTNV

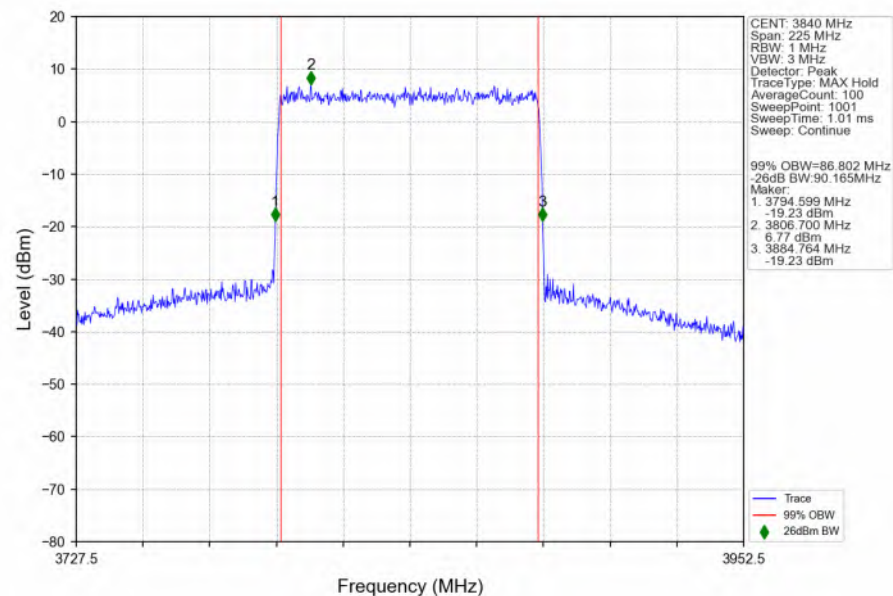




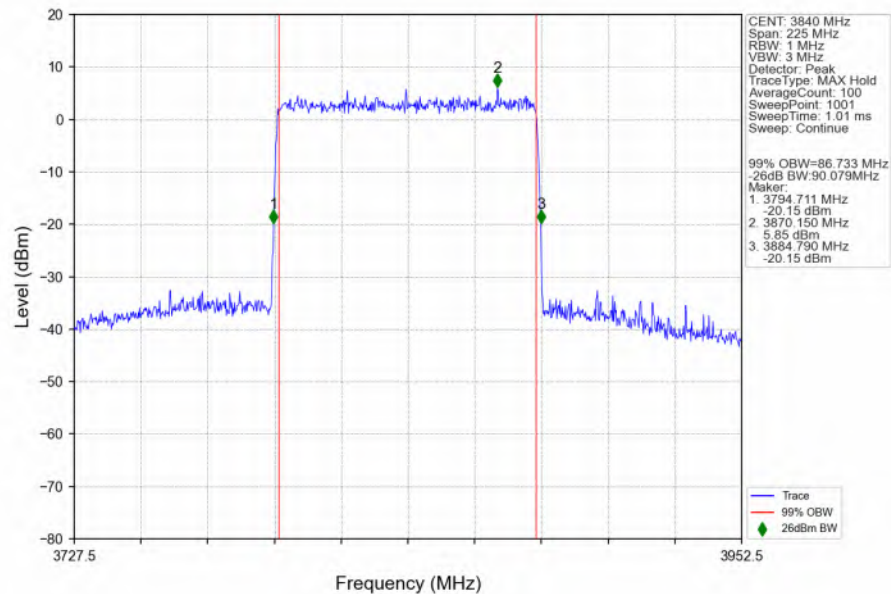
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant1



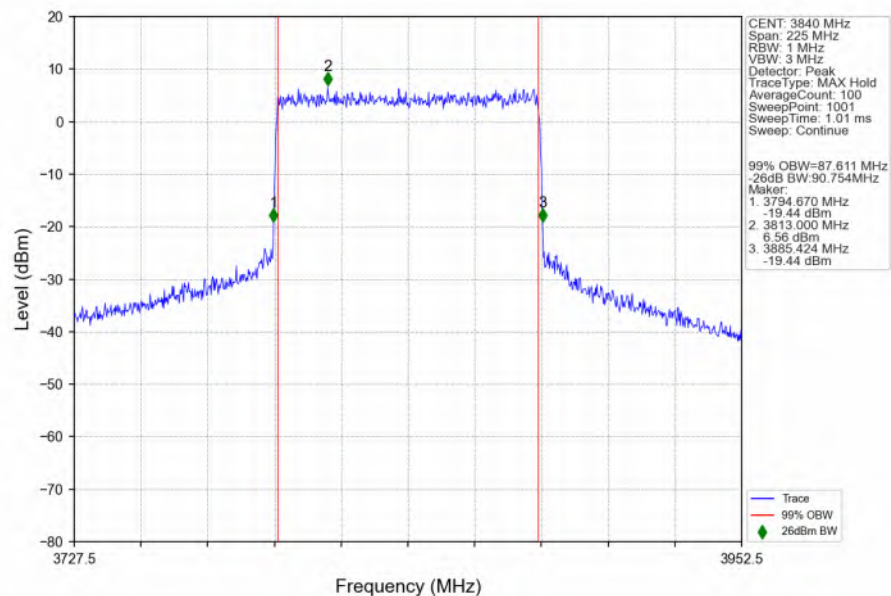
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3840MHz_Outer_Full_Ant1



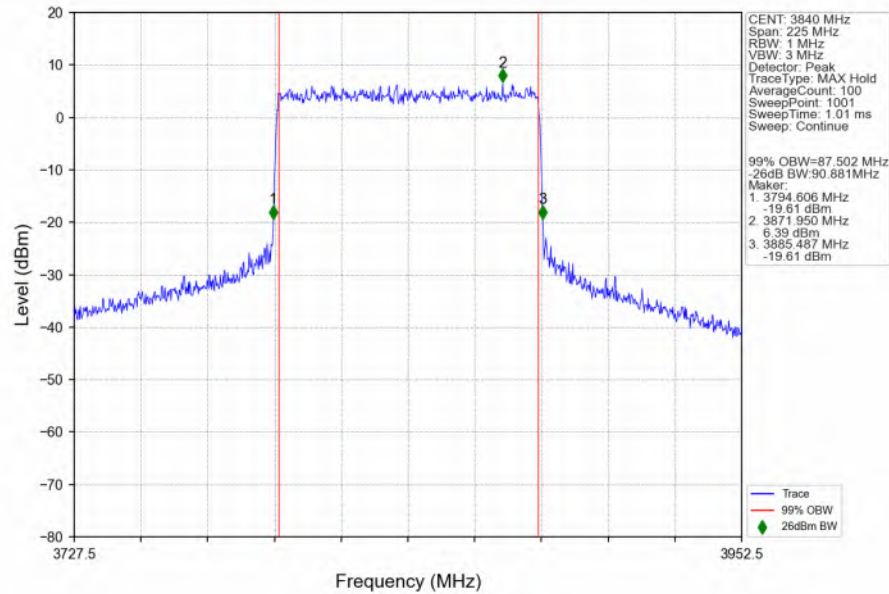
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



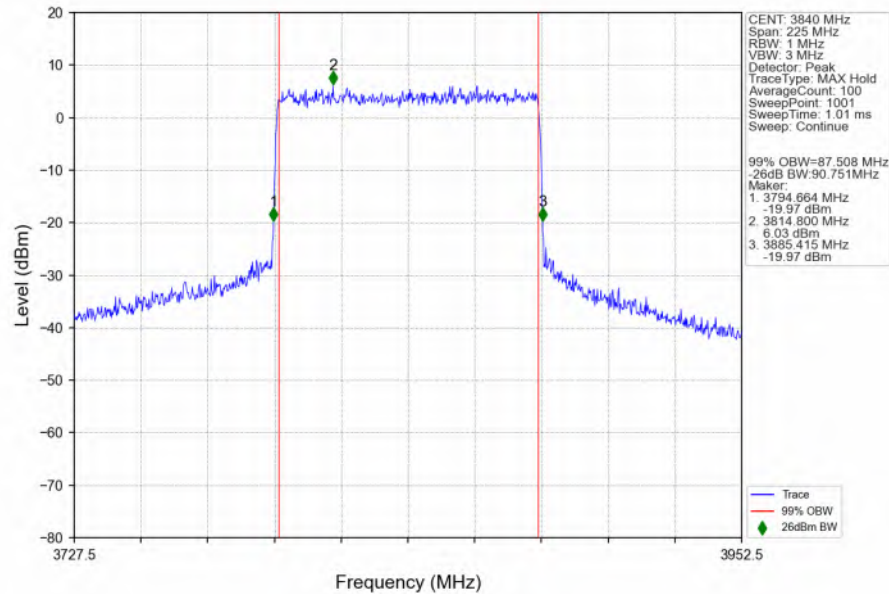
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



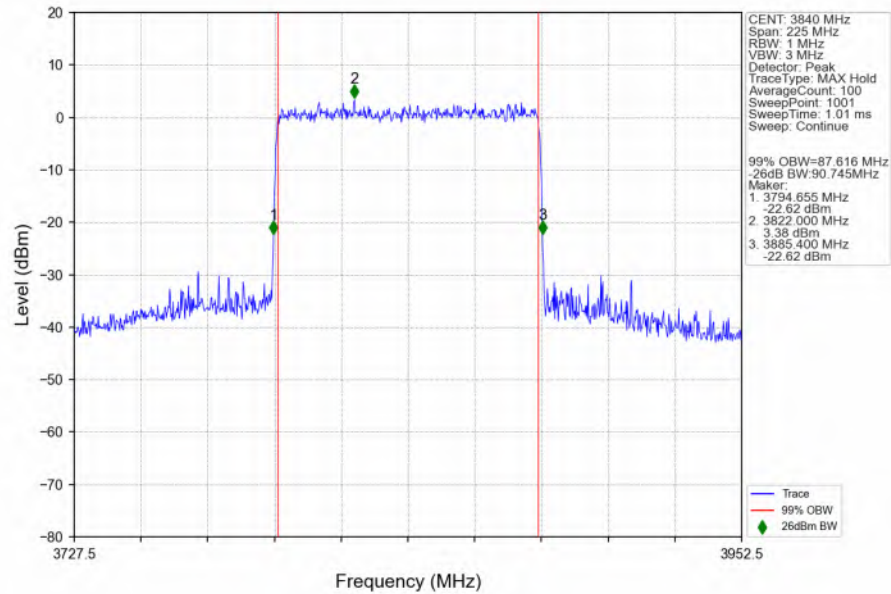
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM 3840MHz_Outer_Full_Ant1



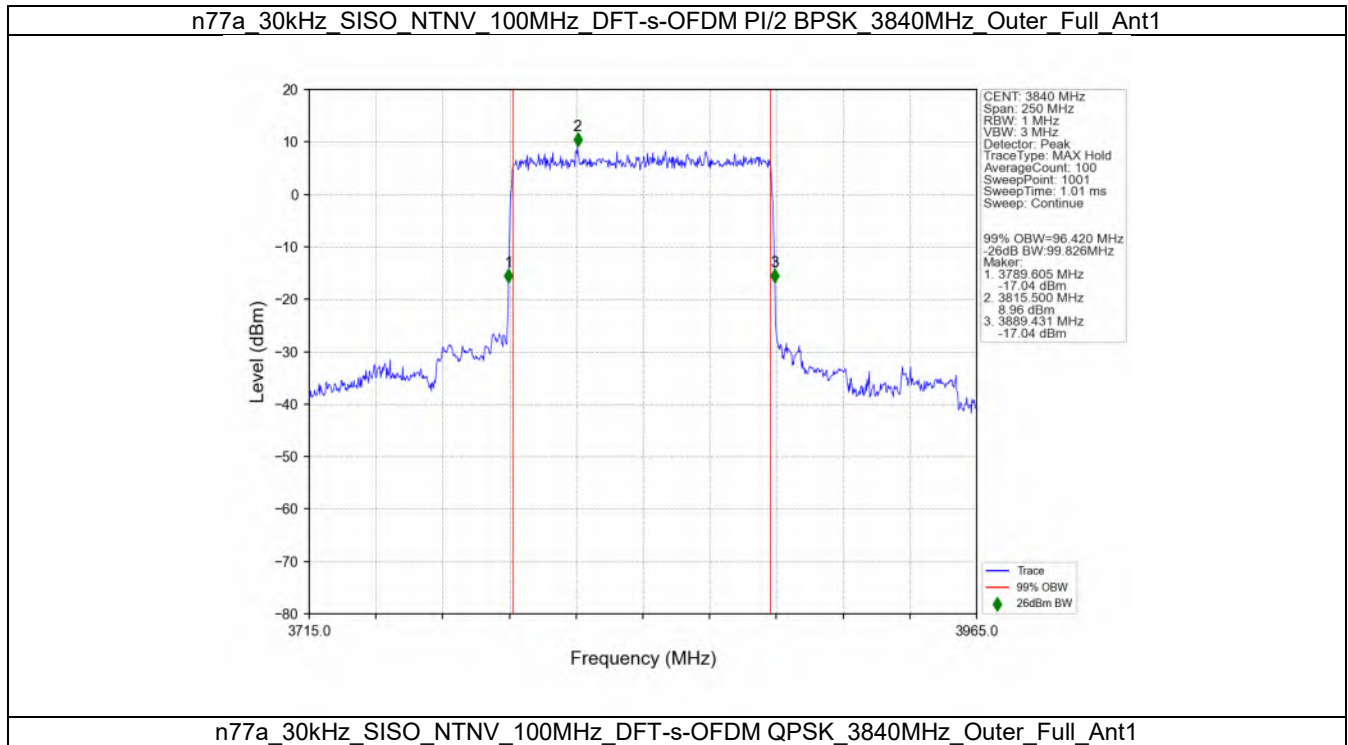
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM 3840MHz_Outer_Full_Ant1

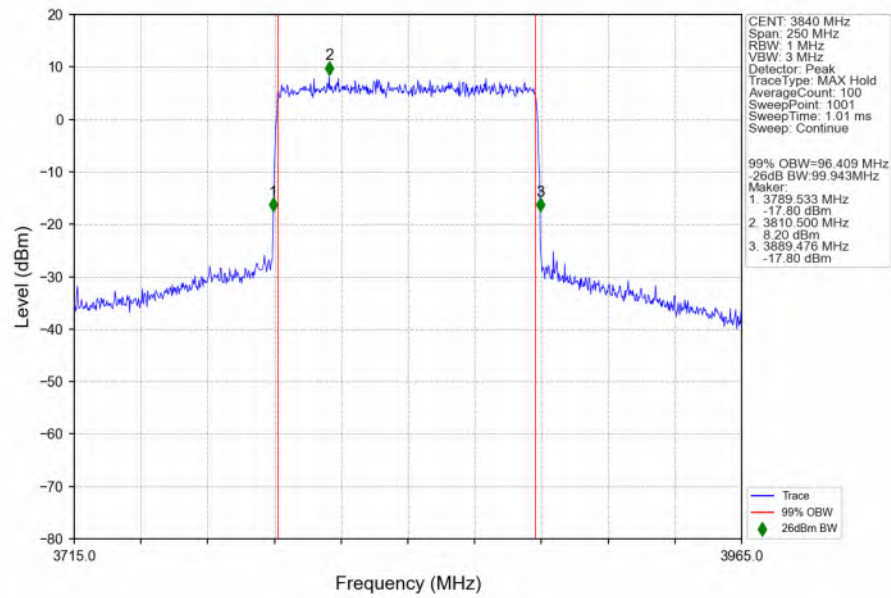


n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

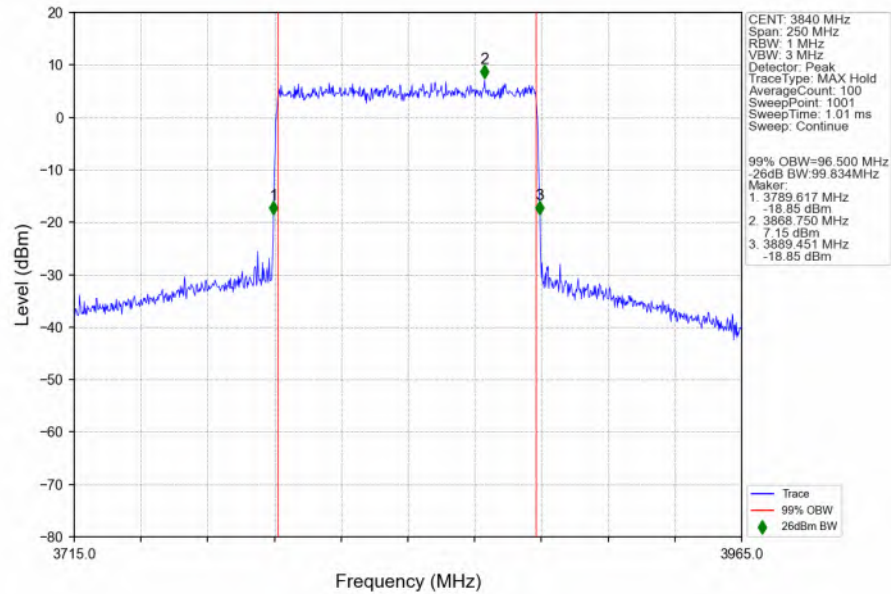


3.2.8 30_S_100M_NTNV

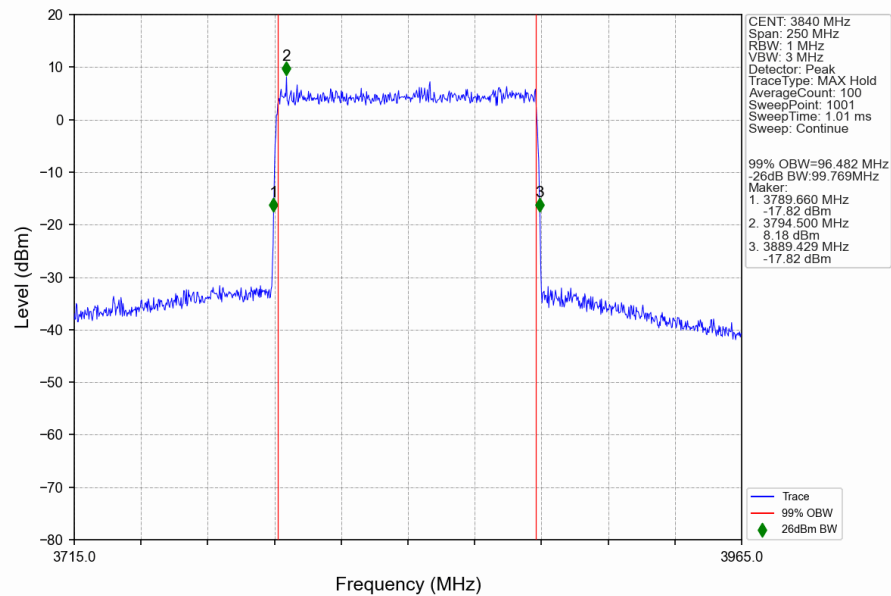




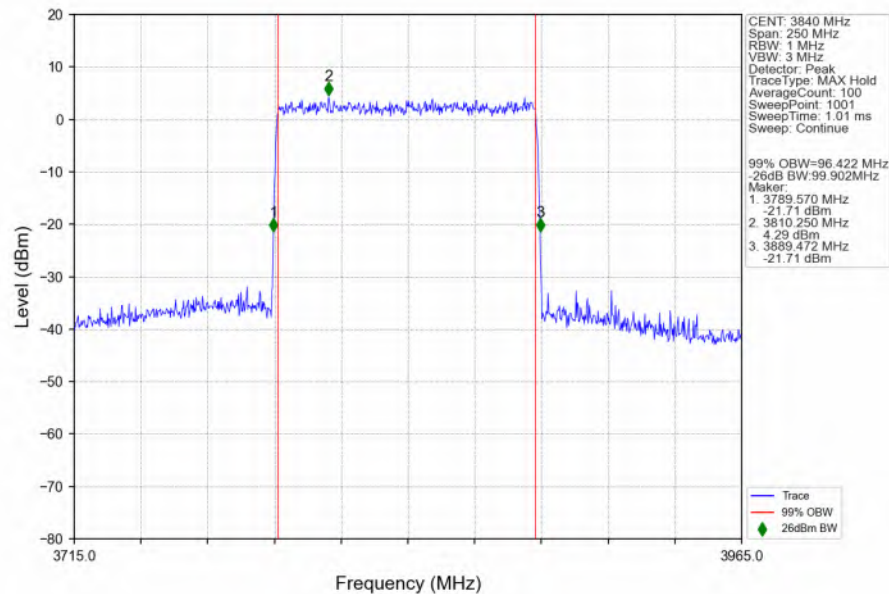
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



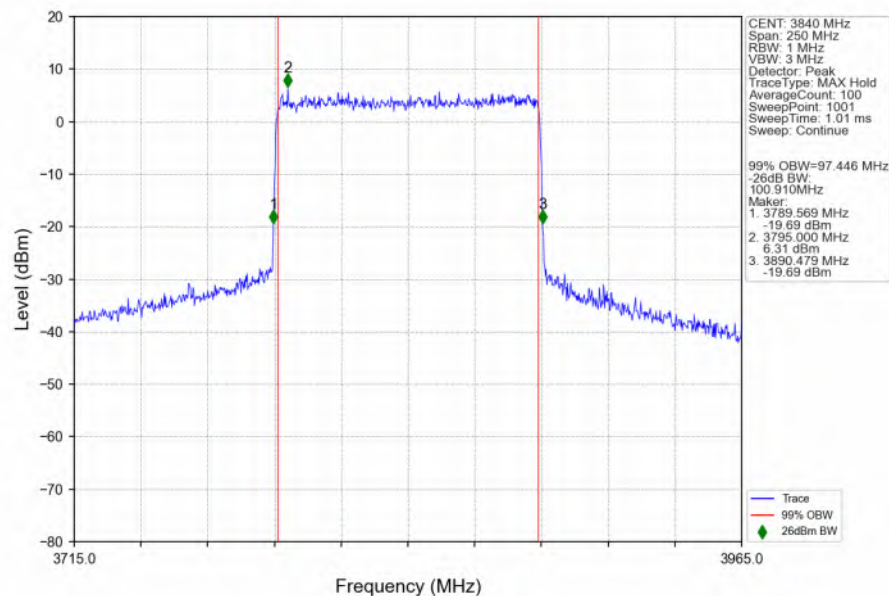
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



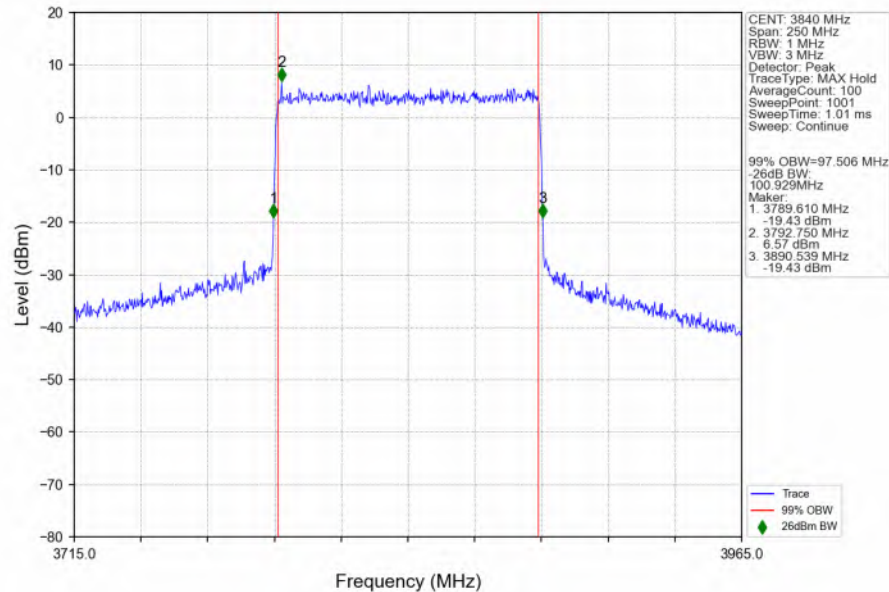
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3840MHz_Outer_Full_Ant1



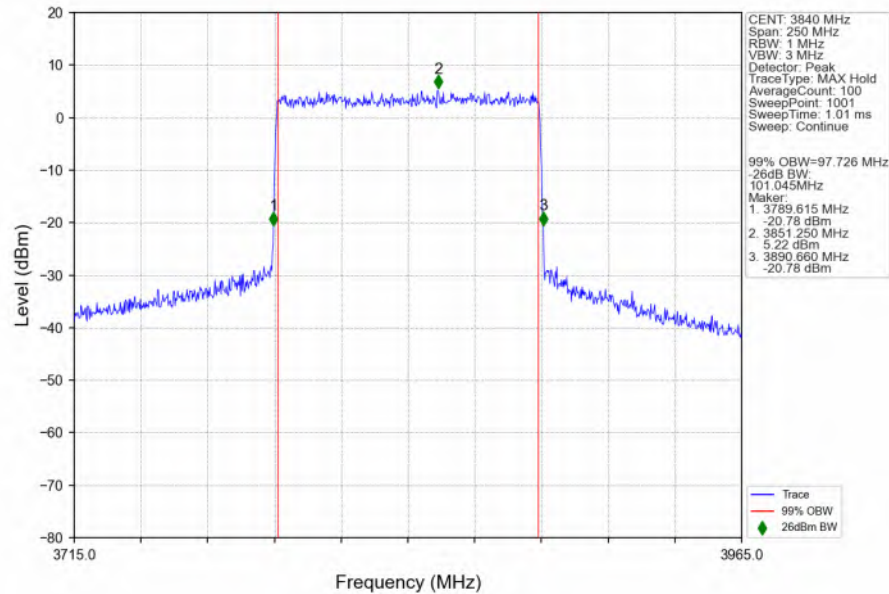
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3840MHz_Outer_Full_Ant1



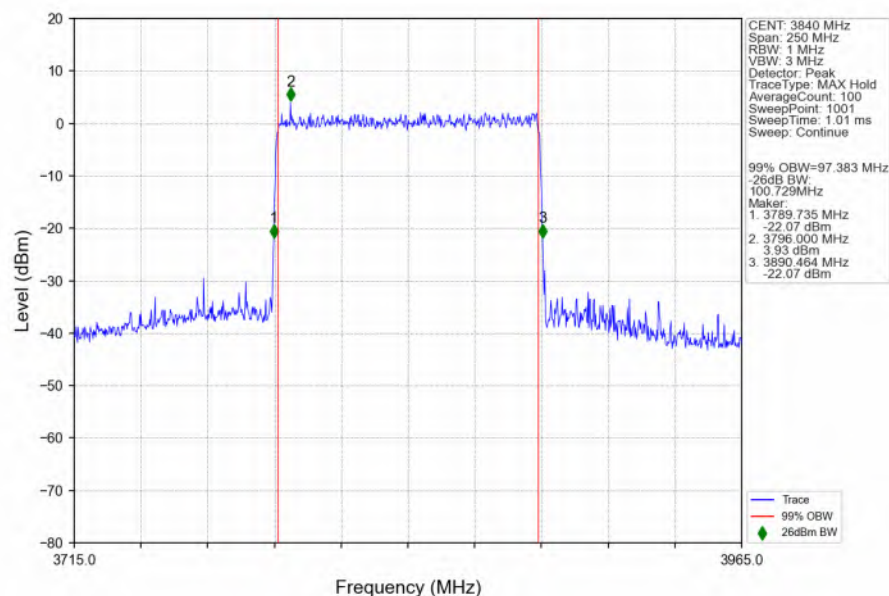
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3840MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3840MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3840MHz_Outer_Full_Ant1





4. Peak-Average Ratio

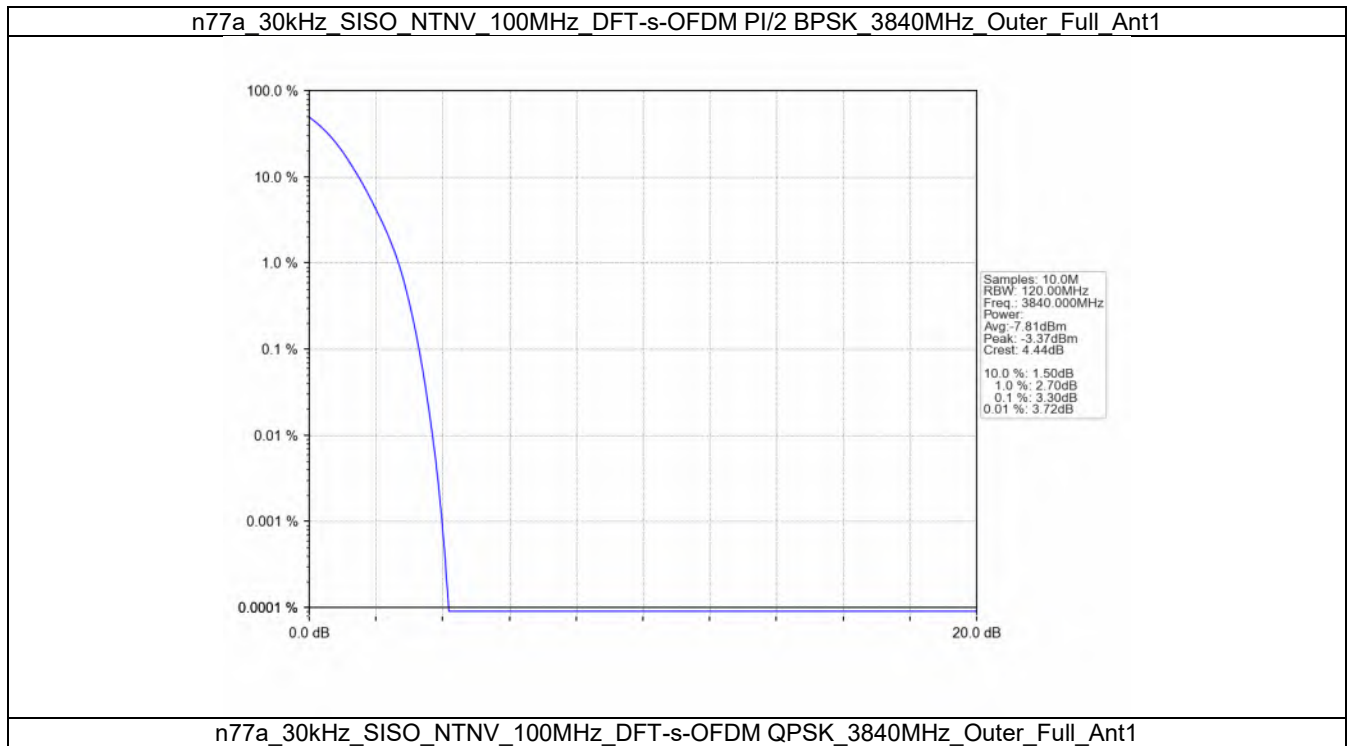
4.1 Test Result

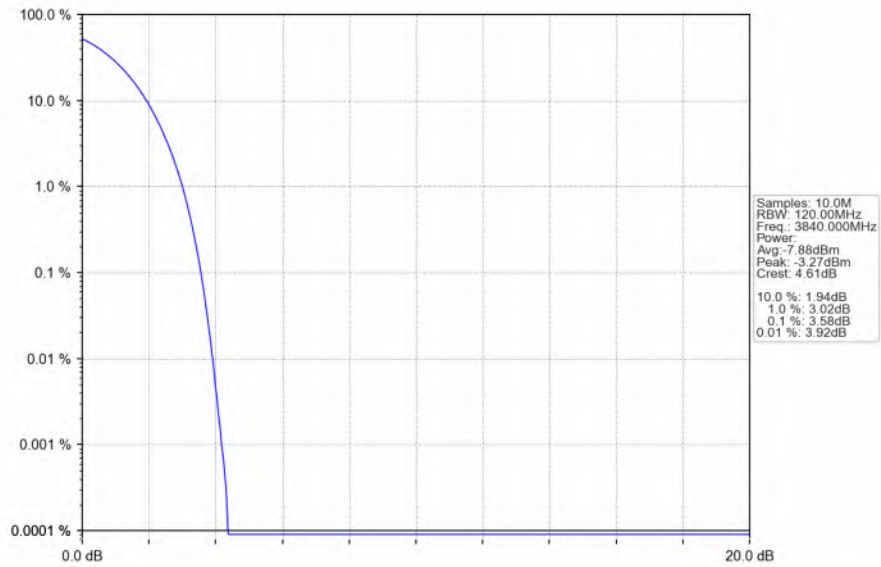
4.1.1 30_S_100M_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	3.30	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	3.58	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer_Full	4.06	/	/	<=13	Pass

4.2 Test Graph

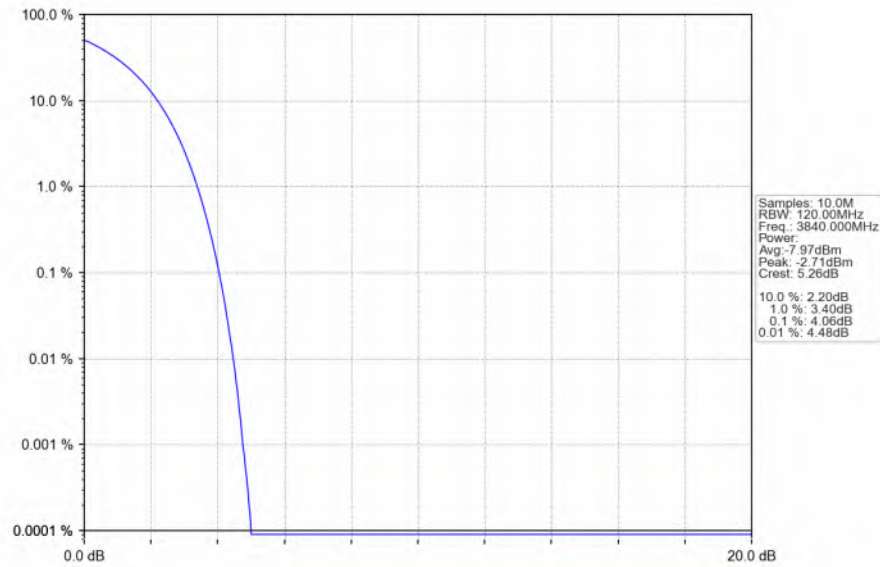
4.2.1 30_S_100M_NTNV







n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3840MHz_Outer_Full_Ant1





5. Spurious Emission

5.1 Test Result

5.1.1 30_S_20M_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	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
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3969.99	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
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3969.99	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
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3969.99	Outer_Full	Refer To Test Graph				Pass

5.1.2 30_S_80M_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3939.99	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3939.99	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3939.99	Outer_Full	Refer To Test Graph				Pass

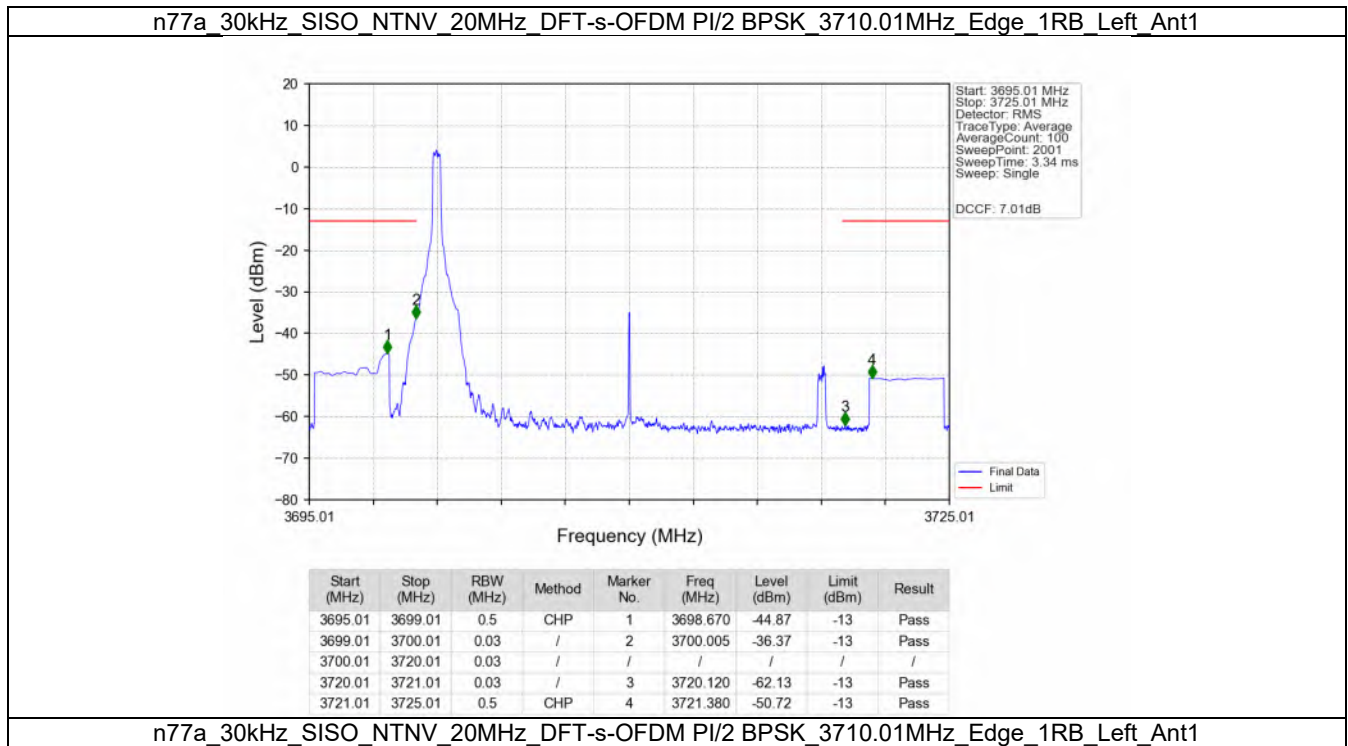


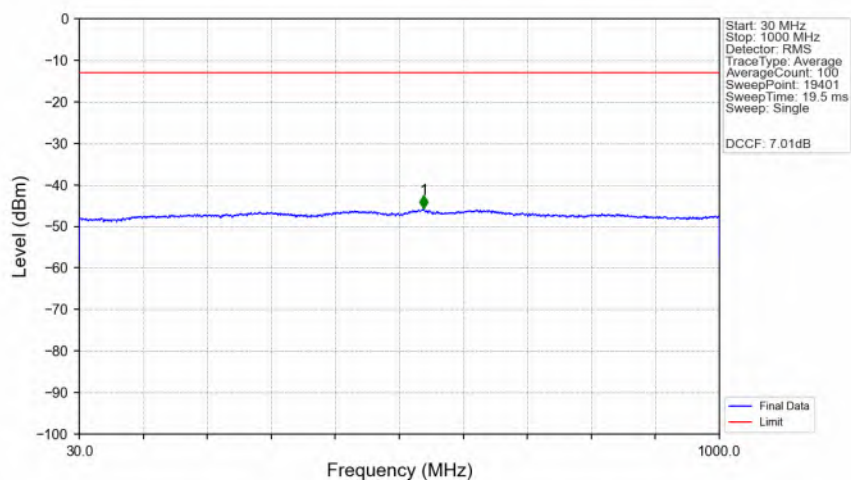
5.1.3 30_S_100M_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3930	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3930	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3930	Outer_Full	Refer To Test Graph				Pass

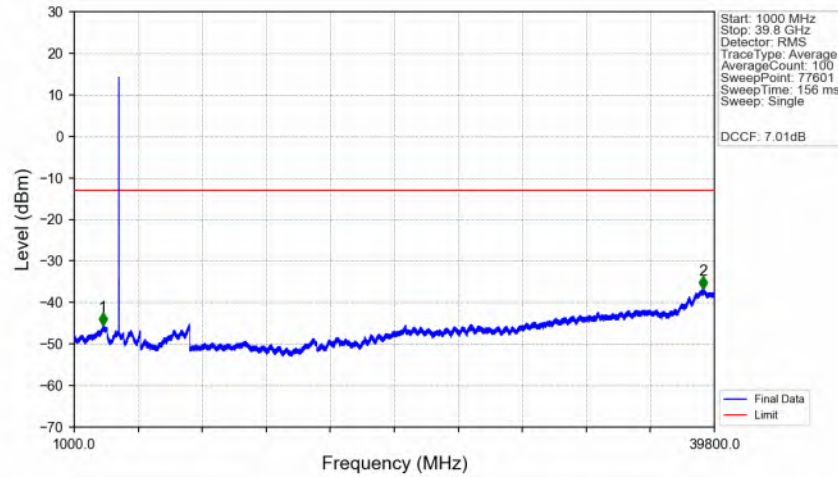
5.2 Test Graph

5.2.1 30_S_20M_NTNV



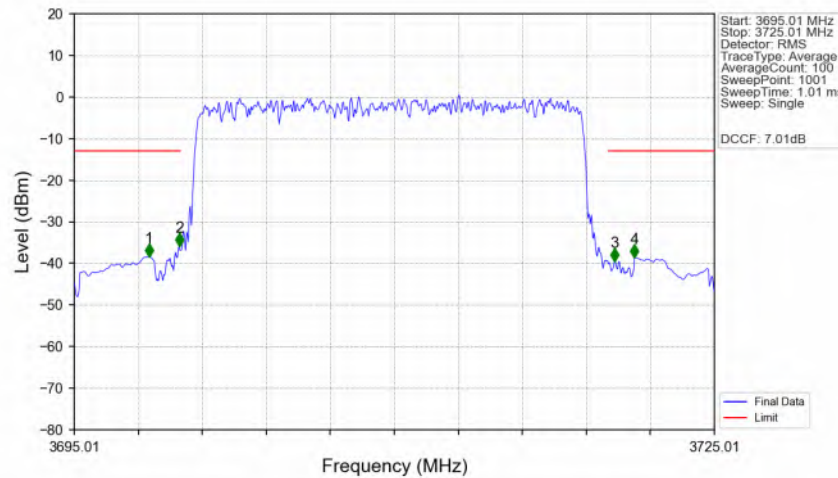


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Edge_1RB_Left_Ant1



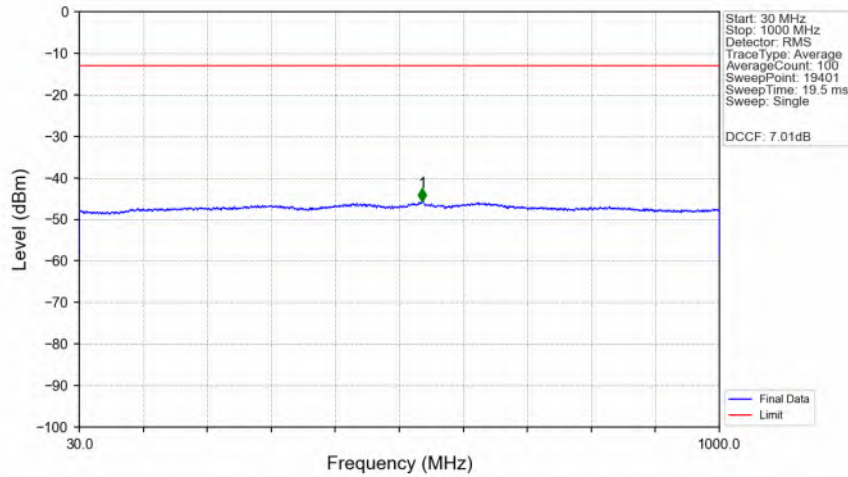
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	2732.500	-45.57	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	39107.500	-36.72	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Outer_Full_Ant1

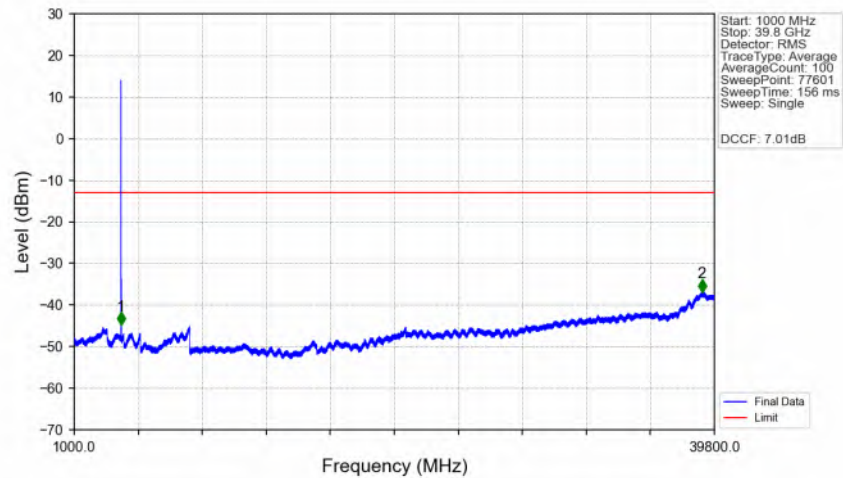


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3698.520	-38.44	-13	Pass
3699.01	3700.01	0.2	/	2	3699.930	-35.92	-13	Pass
3700.01	3720.01	0.2	/	/	/	/	/	/
3720.01	3721.01	0.2	/	3	3720.330	-39.49	-13	Pass
3721.01	3725.01	0.5	CHP	4	3721.260	-38.63	-13	Pass

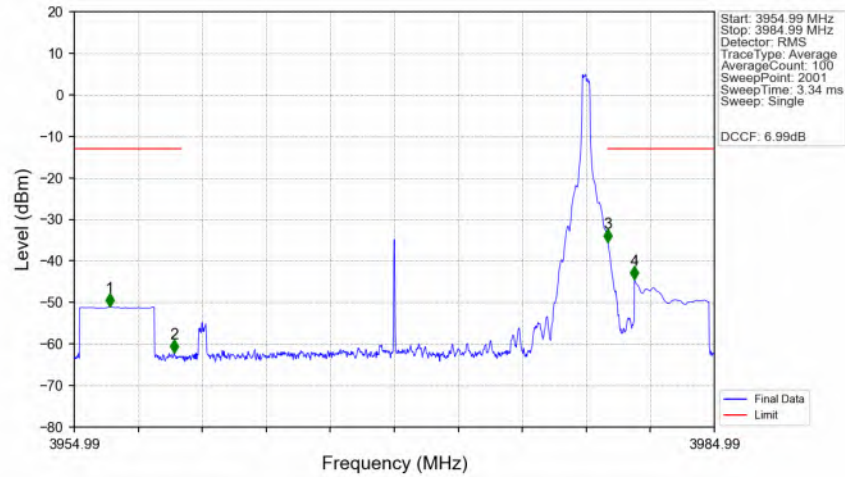
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left_Ant1

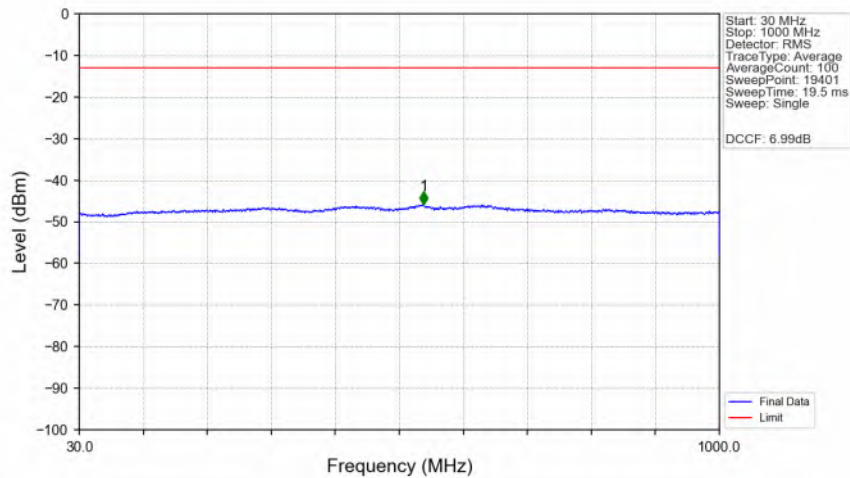


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Edge_1RB_Right_Ant1



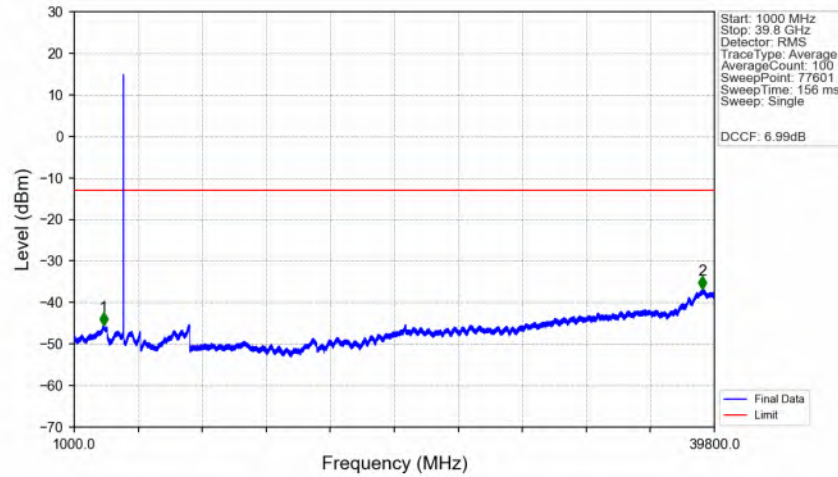
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3958.99	0.5	CHP	1	3956.655	-51.04	-13	Pass
3958.99	3959.99	0.03	/	2	3959.670	-62.07	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	3	3979.995	-35.54	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.240	-44.49	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Edge_1RB_Right_Ant1



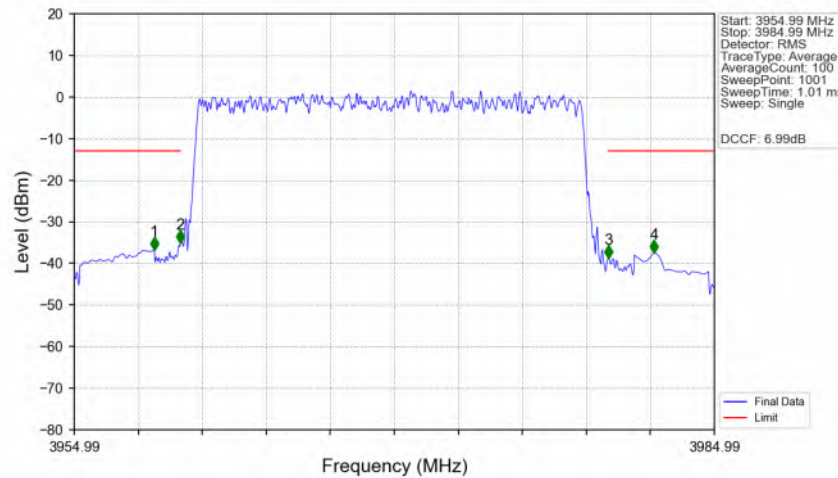
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.900	-45.84	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Edge_1RB_Right_Ant1



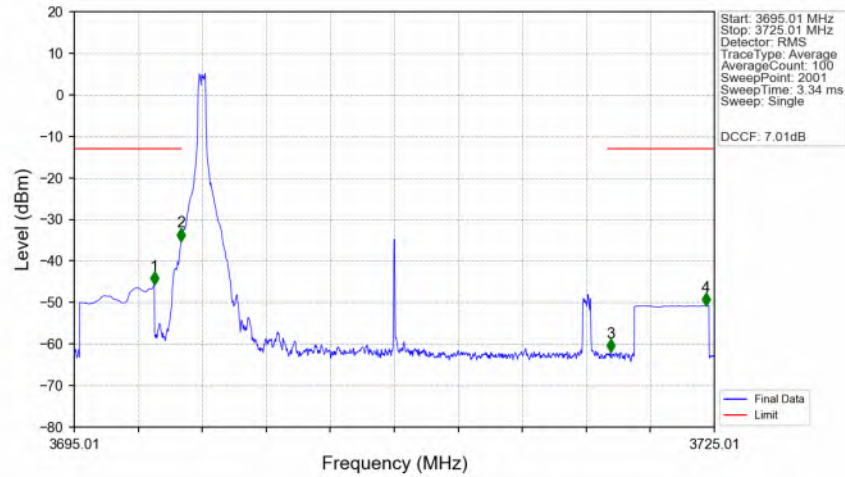
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	2768.500	-45.56	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39070.000	-36.78	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Outer_Full_Ant1



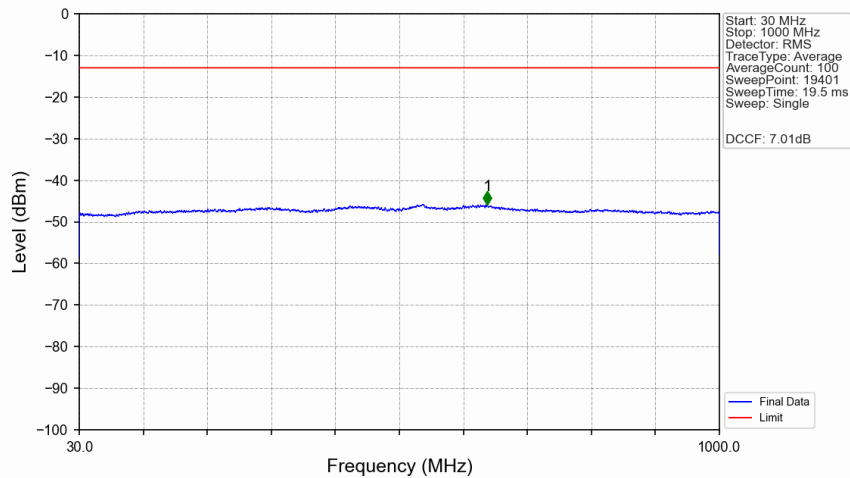
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3958.99	0.5	CHP	1	3958.740	-36.69	-13	Pass
3958.99	3959.99	0.2	/	2	3959.970	-35.20	-13	Pass
3959.99	3979.99	0.2	/	/	/	/	/	/
3979.99	3980.99	0.2	/	3	3980.040	-38.80	-13	Pass
3980.99	3984.99	0.5	CHP	4	3982.170	-37.45	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant1



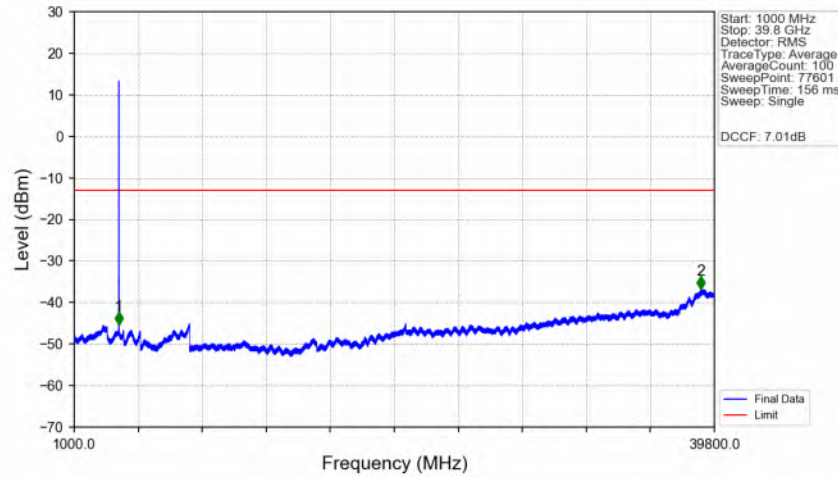
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3698.760	-45.65	-13	Pass
3699.01	3700.01	0.03	/	2	3700.005	-35.23	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	3	3720.135	-61.96	-13	Pass
3721.01	3725.01	0.5	CHP	4	3724.620	-50.72	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant1



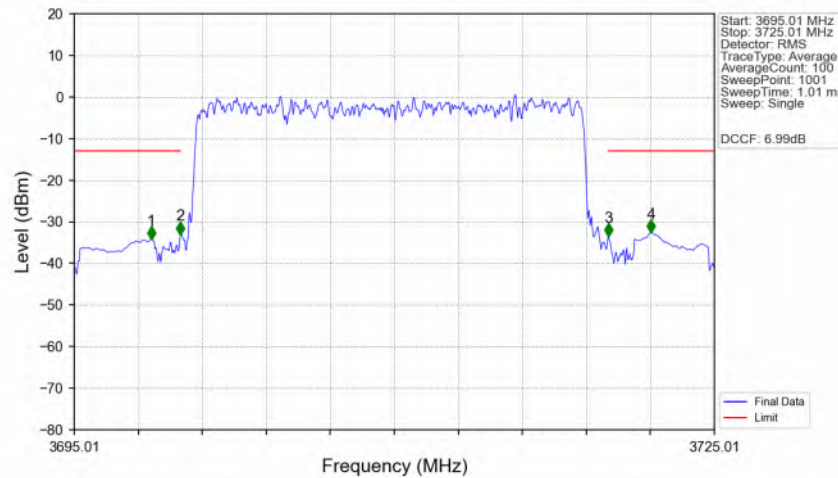
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	648.300	-45.83	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant1



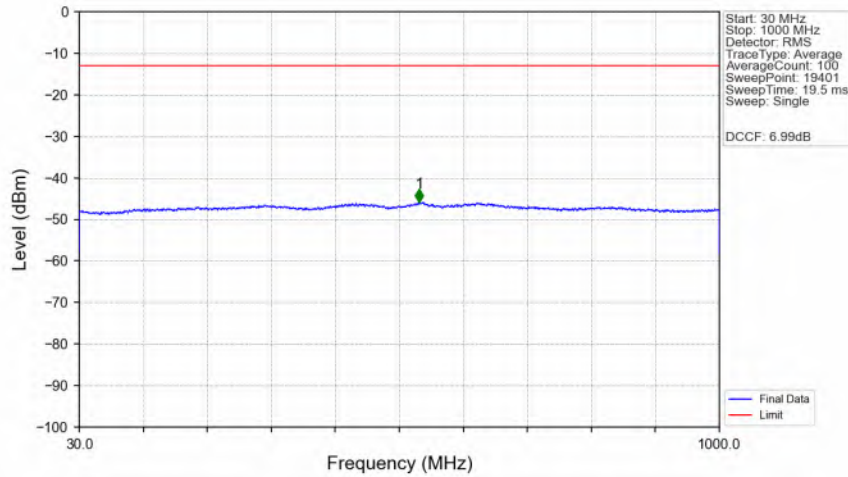
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3684.500	-45.28	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38990.500	-36.87	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Outer_Full_Ant1



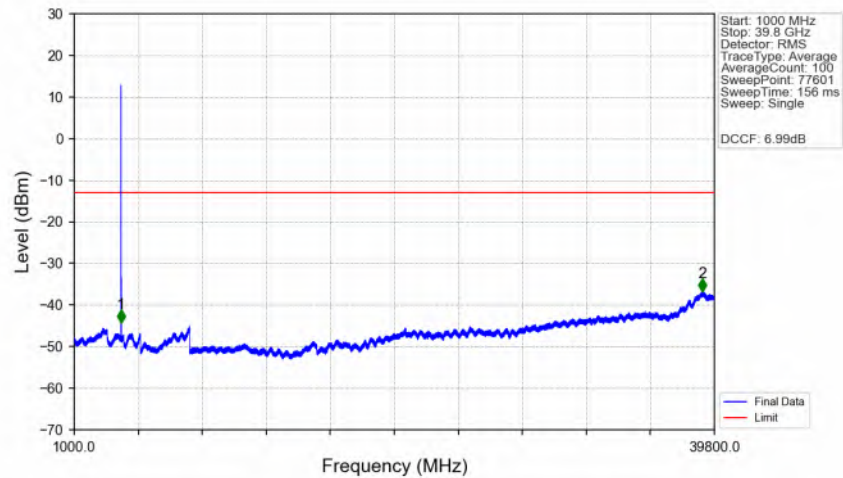
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3698.610	-34.18	-13	Pass
3699.01	3700.01	0.2	/	2	3699.990	-33.04	-13	Pass
3700.01	3720.01	0.2	/	/	/	/	/	/
3720.01	3721.01	0.2	/	3	3720.030	-33.42	-13	Pass
3721.01	3725.01	0.5	CHP	4	3722.040	-32.64	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



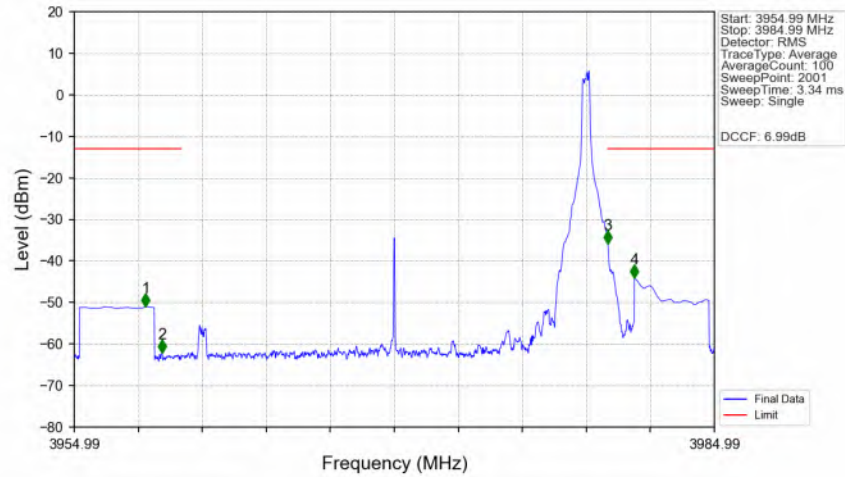
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	545.100	-45.81	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



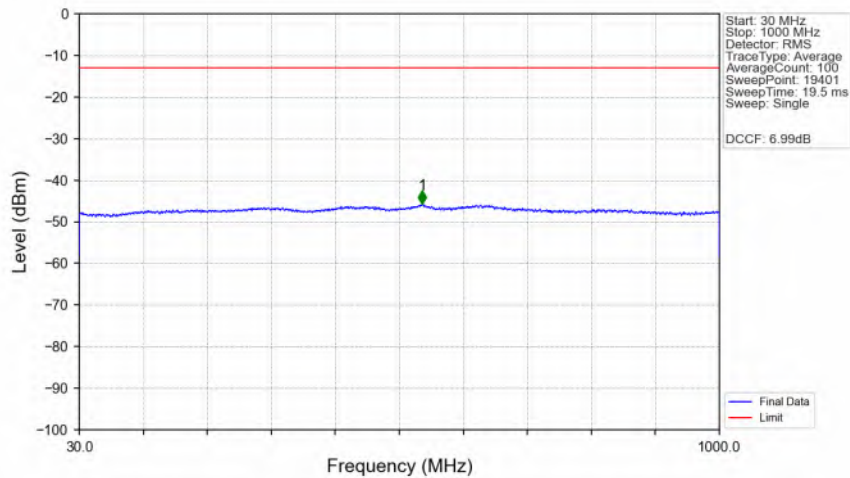
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3825	1	/	1	3821.500	-44.33	-13	Pass
3825	3855	1	/	/	/	/	/	/
3855	39800	1	/	2	39055.500	-36.87	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant1



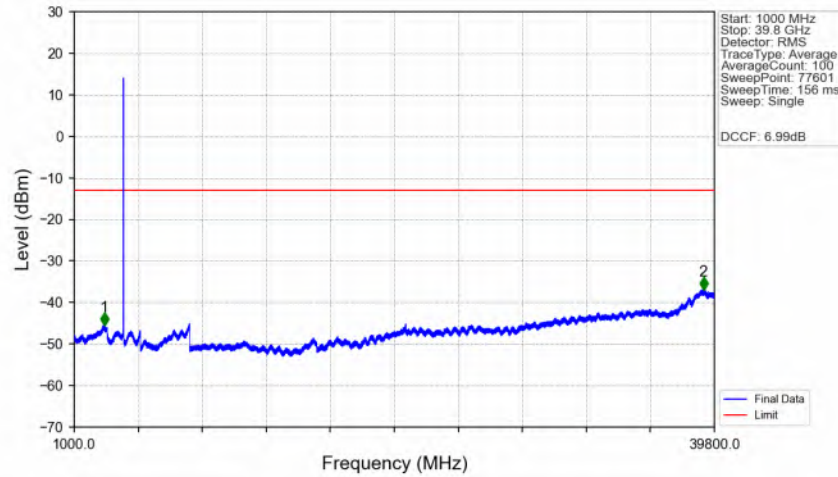
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3958.99	0.5	CHP	1	3958.335	-51.05	-13	Pass
3958.99	3959.99	0.03	/	2	3959.100	-62.12	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	3	3979.995	-35.92	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.240	-44.05	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant1



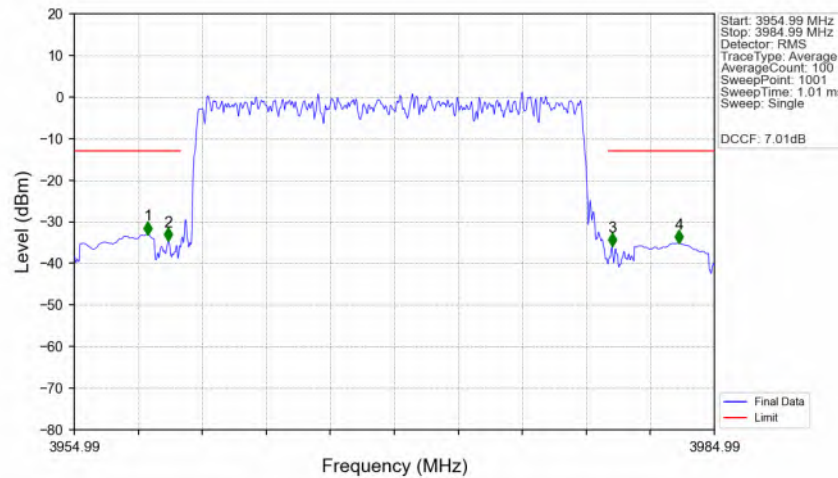
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	549.750	-45.68	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant1



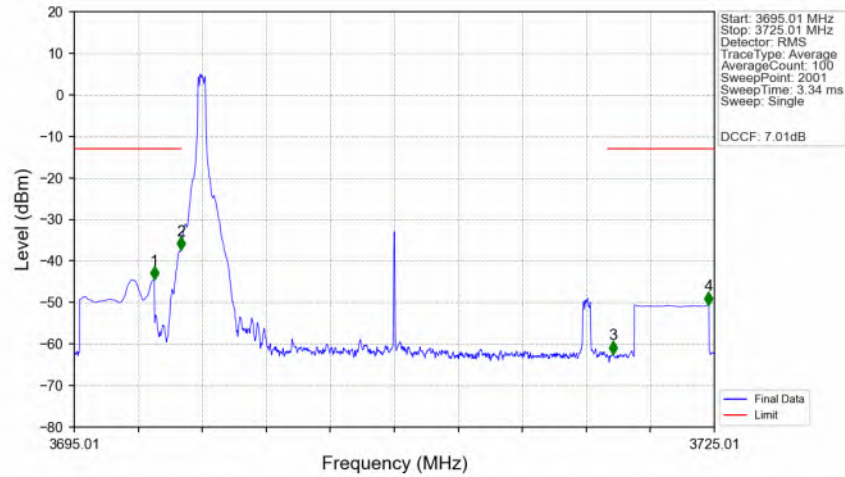
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	2815.500	-45.55	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39143.500	-36.90	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Outer_Full_Ant1



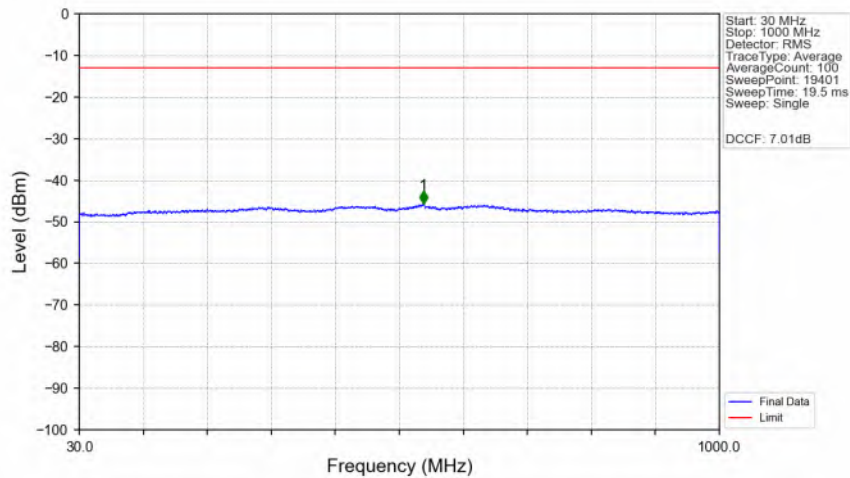
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3958.99	0.5	CHP	1	3958.440	-33.04	-13	Pass
3958.99	3959.99	0.2	/	2	3959.400	-34.56	-13	Pass
3959.99	3979.99	0.2	/	/	/	/	/	/
3979.99	3980.99	0.2	/	3	3980.190	-35.93	-13	Pass
3980.99	3984.99	0.5	CHP	4	3983.340	-35.14	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant1



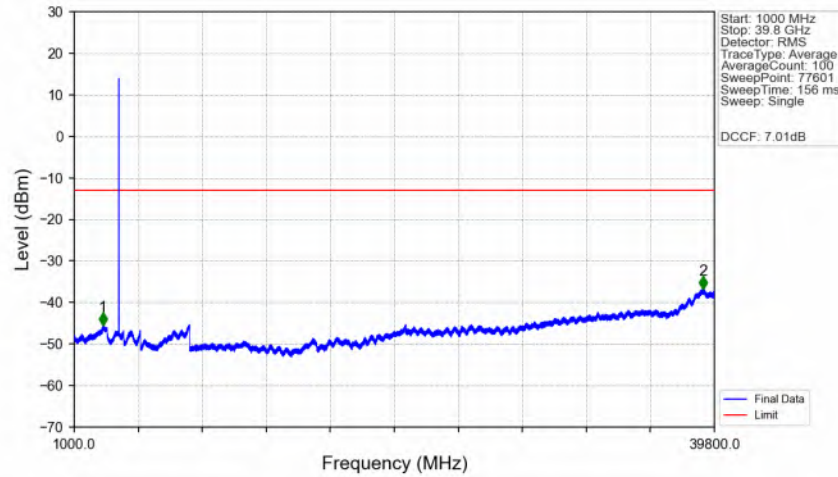
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3698.760	-44.49	-13	Pass
3699.01	3700.01	0.03	/	2	3700.005	-37.28	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	3	3720.255	-62.37	-13	Pass
3721.01	3725.01	0.5	CHP	4	3724.740	-50.53	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant1



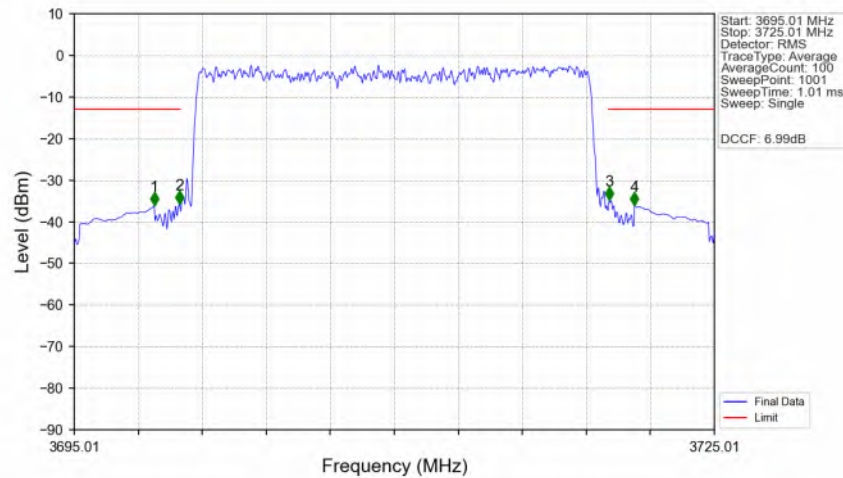
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.700	-45.64	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant1



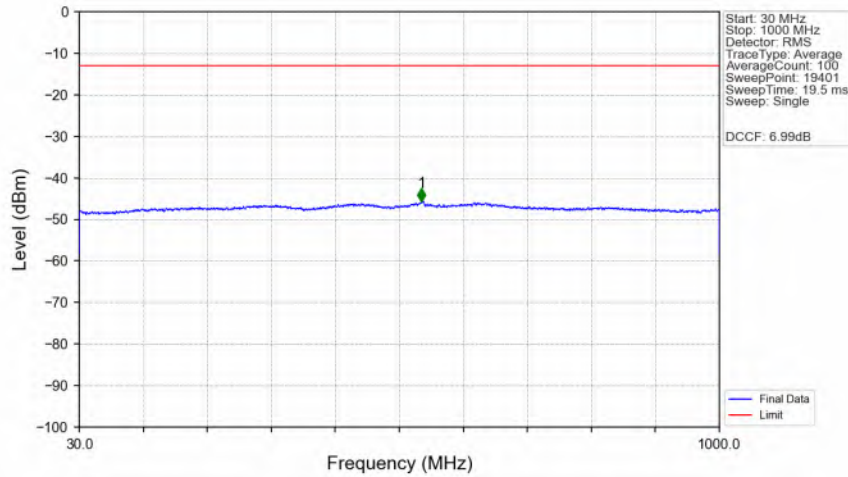
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	2742.000	-45.47	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	39102.500	-36.71	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full_Ant1

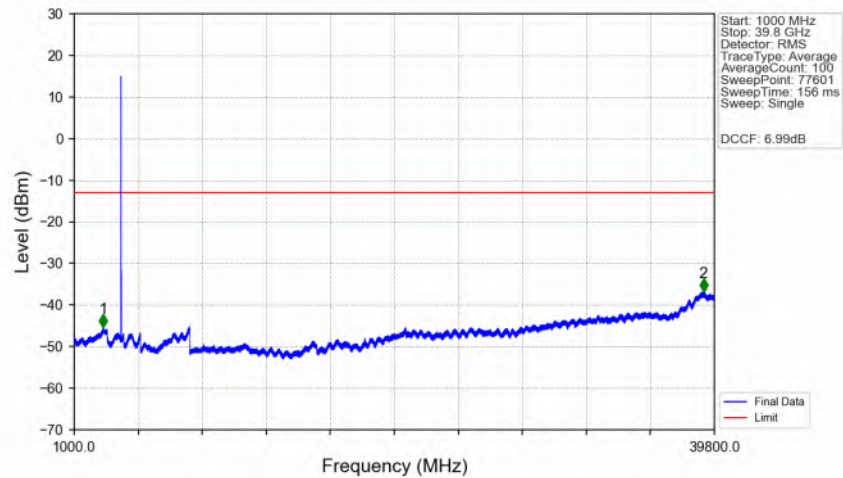


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3698.760	-36.01	-13	Pass
3699.01	3700.01	0.2	/	2	3699.930	-35.65	-13	Pass
3700.01	3720.01	0.2	/	/	/	/	/	/
3720.01	3721.01	0.2	/	3	3720.090	-34.75	-13	Pass
3721.01	3725.01	0.5	CHP	4	3721.260	-35.99	-13	Pass

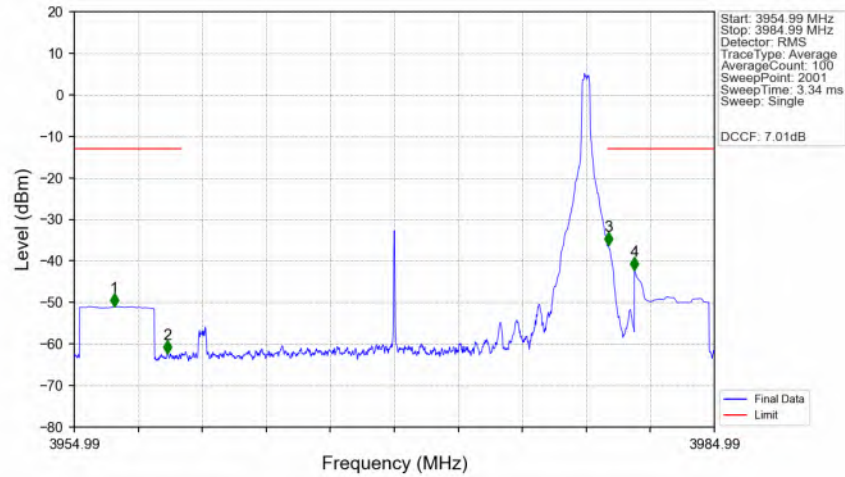
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1

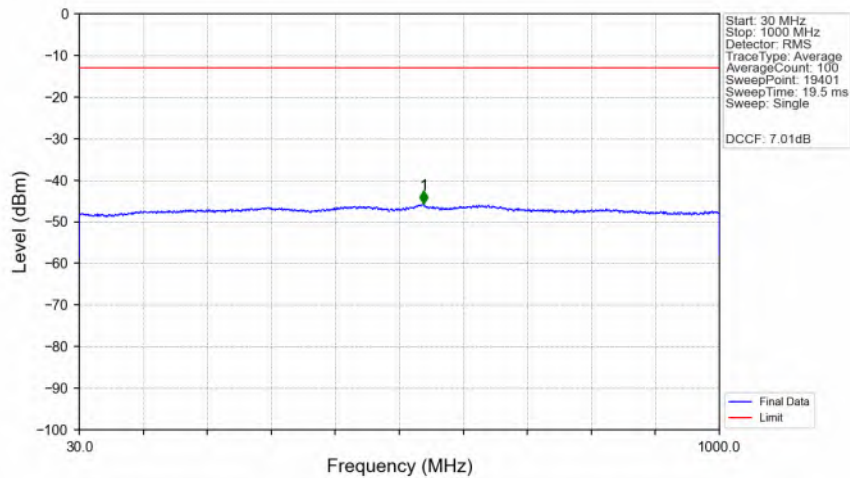


n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right Ant1



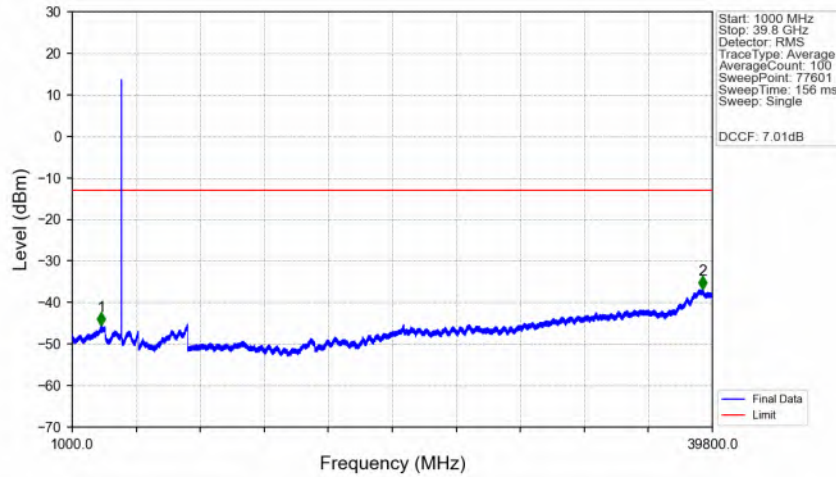
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3958.99	0.5	CHP	1	3956.865	-51.00	-13	Pass
3958.99	3959.99	0.03	/	2	3959.355	-62.21	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	3	3980.010	-36.28	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.240	-42.28	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right Ant1



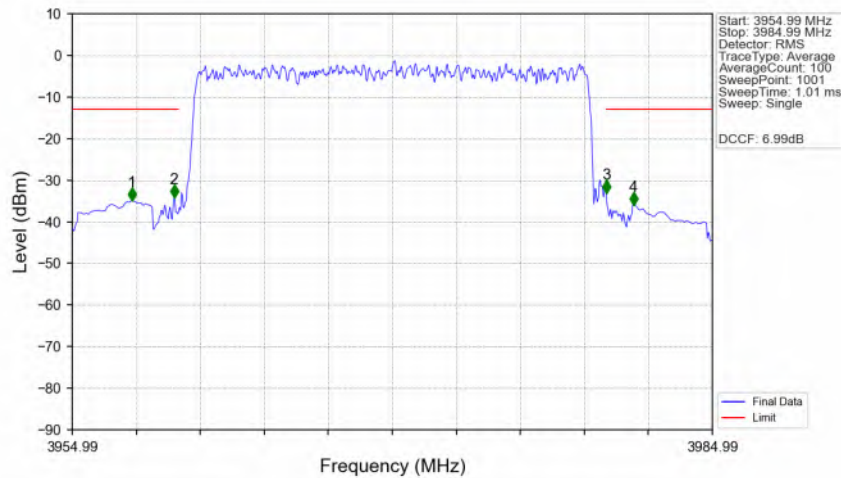
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.950	-45.67	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant1



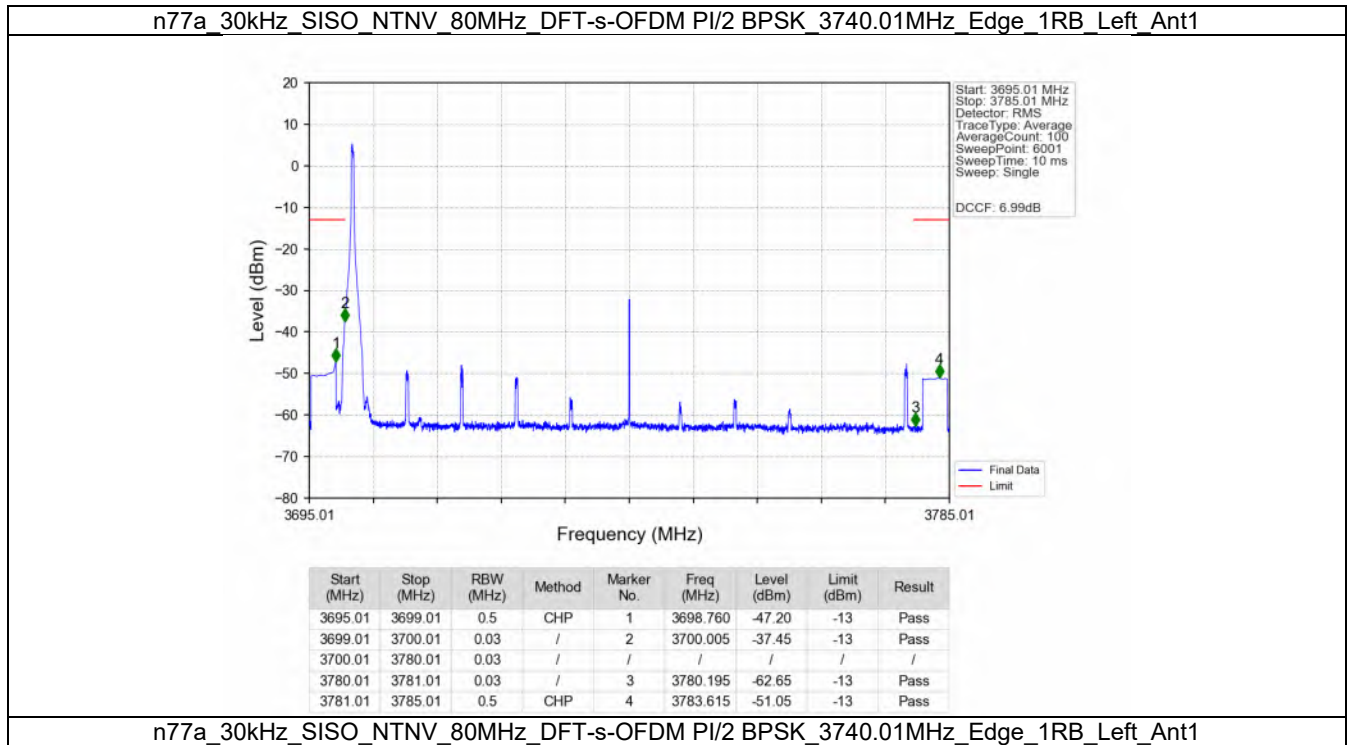
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	2755.500	-45.54	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39224.500	-36.78	-13	Pass

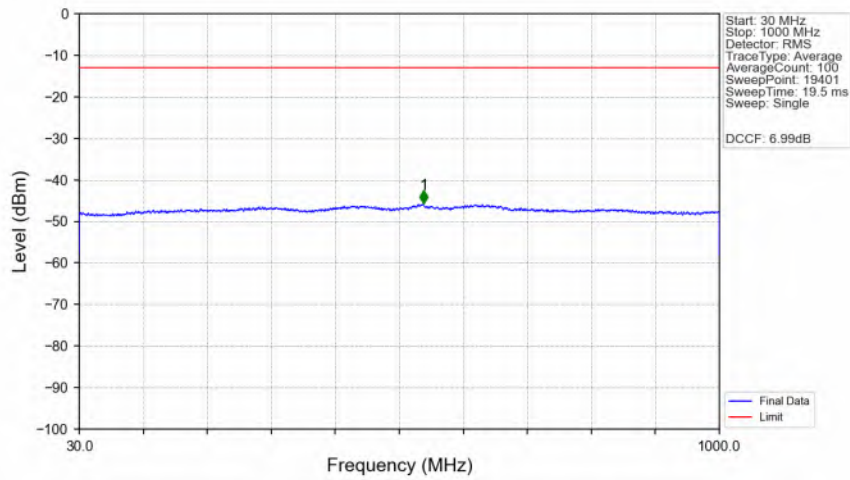
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3958.99	0.5	CHP	1	3957.780	-34.94	-13	Pass
3958.99	3959.99	0.2	/	2	3959.760	-34.12	-13	Pass
3959.99	3979.99	0.2	/	/	/	/	/	/
3979.99	3980.99	0.2	/	3	3980.010	-33.17	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.300	-35.99	-13	Pass

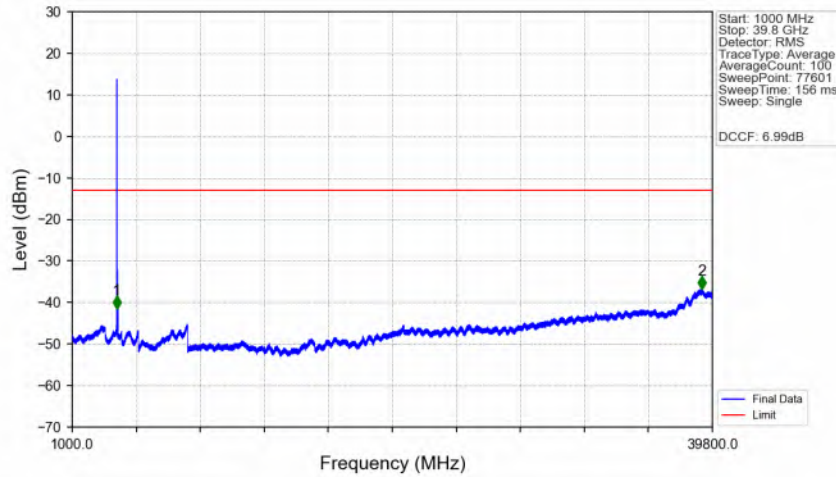
5.2.2 30_S_80M_NTNV





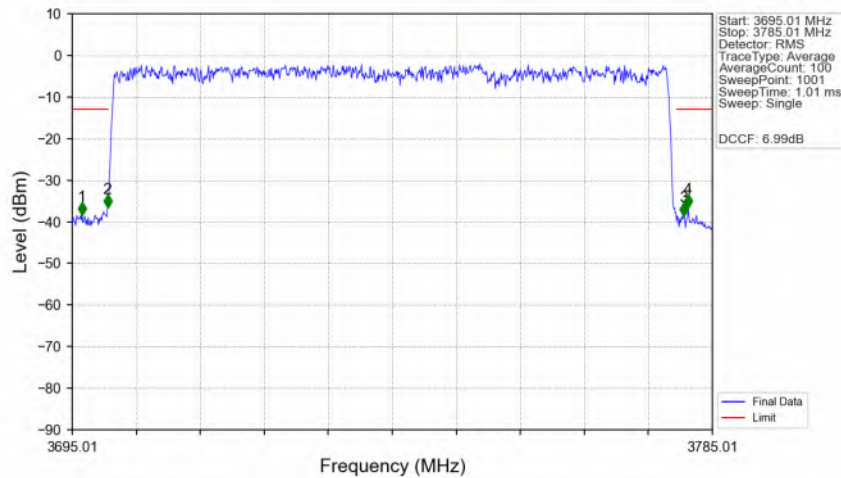
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.850	-45.75	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3740.01MHz_Edge_1RB_Left_Ant1



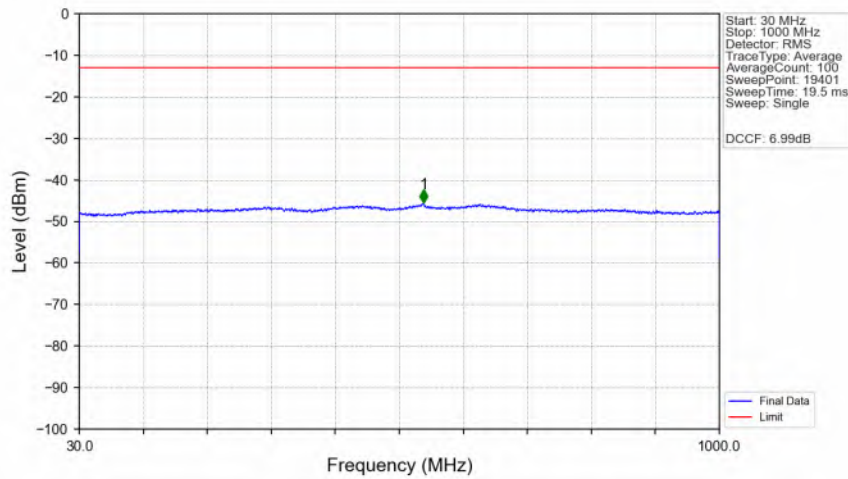
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3693.500	-41.52	-13	Pass
3695.01	3785.01	1	/	/	/	/	/	/
3785.01	39800	1	/	2	39158.000	-36.82	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3740.01MHz_Outer_Full_Ant1

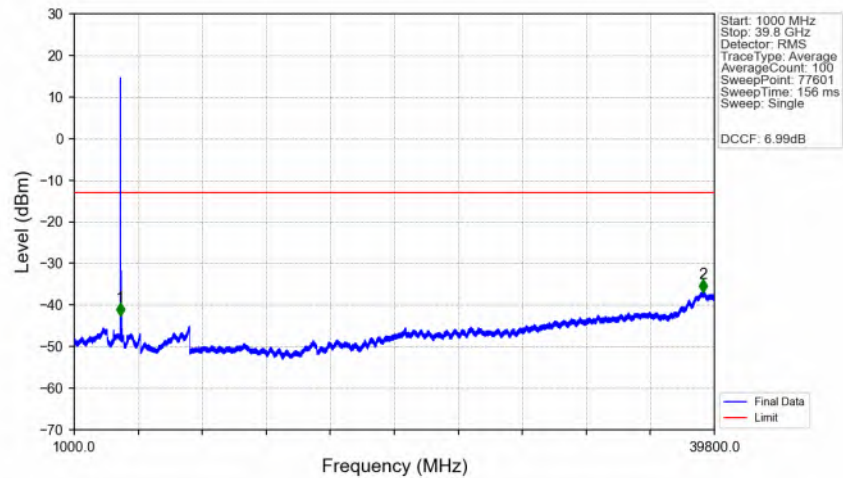


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	/	1	3696.360	-38.33	-13	Pass
3699.01	3700.01	0.5	/	2	3699.960	-36.54	-13	Pass
3700.01	3780.01	0.5	/	/	/	/	/	/
3780.01	3781.01	0.5	/	3	3780.960	-38.55	-13	Pass
3781.01	3785.01	0.5	/	4	3781.590	-36.52	-13	Pass

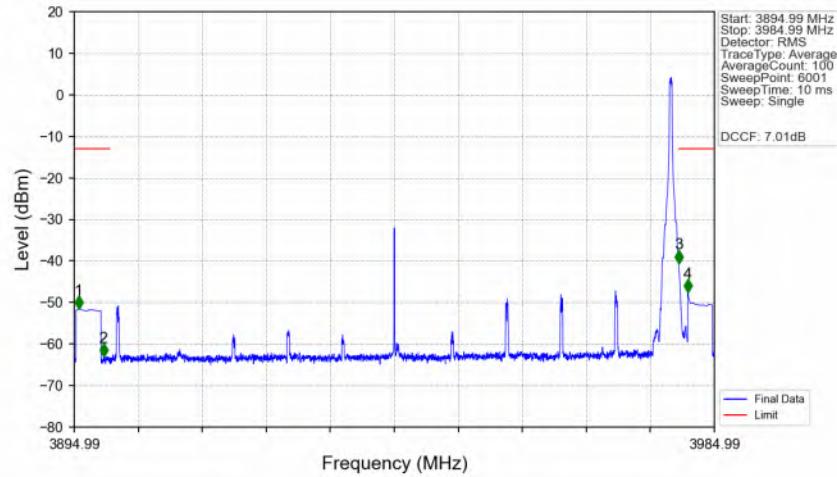
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left_Ant1

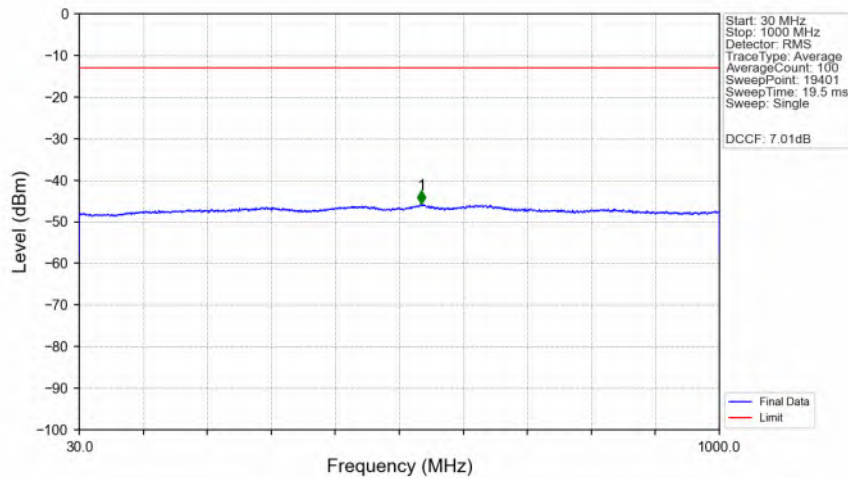


n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_PI/2_BPSK_3939.99MHz_Edge_1RB_Right_Ant1



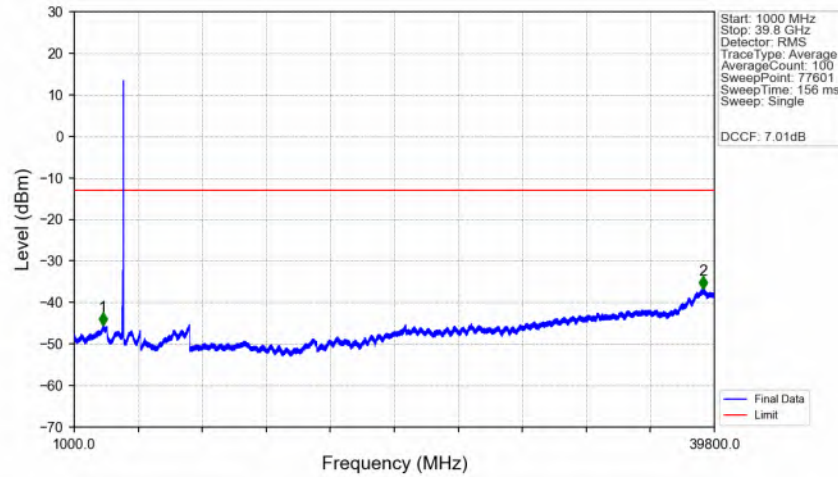
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3894.99	3898.99	0.5	CHP	1	3895.605	-51.50	-13	Pass
3898.99	3899.99	0.03	/	2	3899.100	-62.96	-13	Pass
3899.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	3	3979.995	-40.51	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.240	-47.58	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_PI/2_BPSK_3939.99MHz_Edge_1RB_Right_Ant1



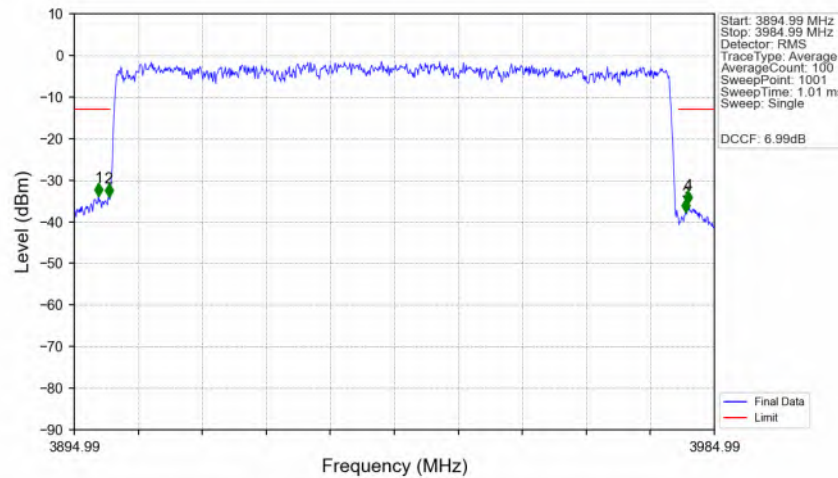
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	548.700	-45.74	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3939.99MHz_Edge_1RB_Right_Ant1



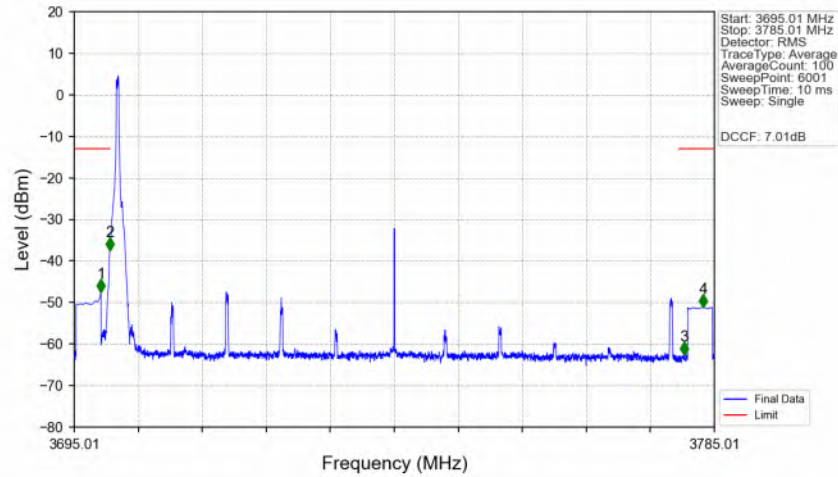
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3894.99	1	/	1	2738.000	-45.59	-13	Pass
3894.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39107.500	-36.79	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3939.99MHz_Outer_Full_Ant1



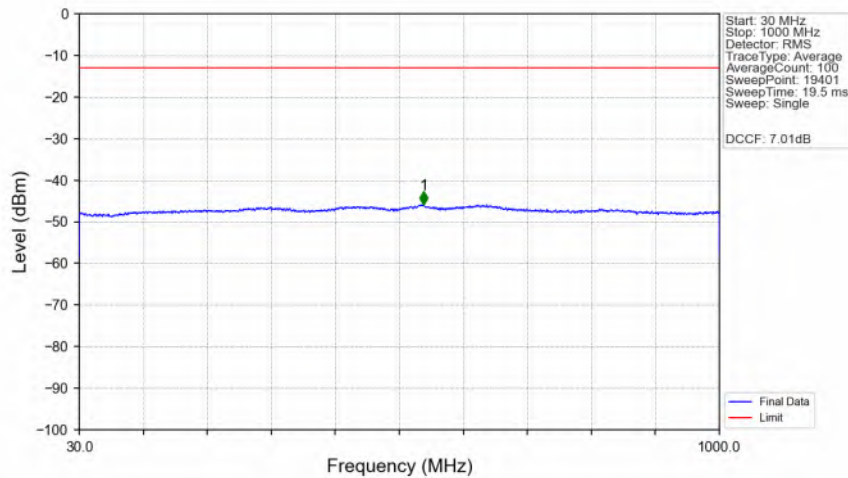
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3894.99	3898.99	0.5	/	1	3898.410	-33.85	-13	Pass
3898.99	3899.99	0.5	/	2	3899.850	-34.00	-13	Pass
3899.99	3979.99	0.5	/	/	/	/	/	/
3979.99	3980.99	0.5	/	3	3980.940	-37.74	-13	Pass
3980.99	3984.99	0.5	/	4	3981.300	-35.72	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3740.01MHz_Edge_1RB_Left_Ant1



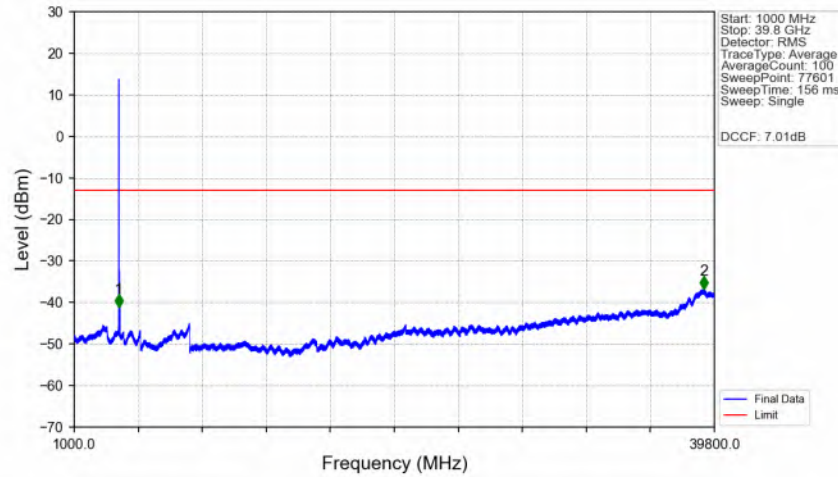
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3698.760	-47.48	-13	Pass
3699.01	3700.01	0.03	/	2	3700.005	-37.56	-13	Pass
3700.01	3780.01	0.03	/	/	/	/	/	/
3780.01	3781.01	0.03	/	3	3780.780	-62.63	-13	Pass
3781.01	3785.01	0.5	CHP	4	3783.435	-51.13	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3740.01MHz_Edge_1RB_Left_Ant1



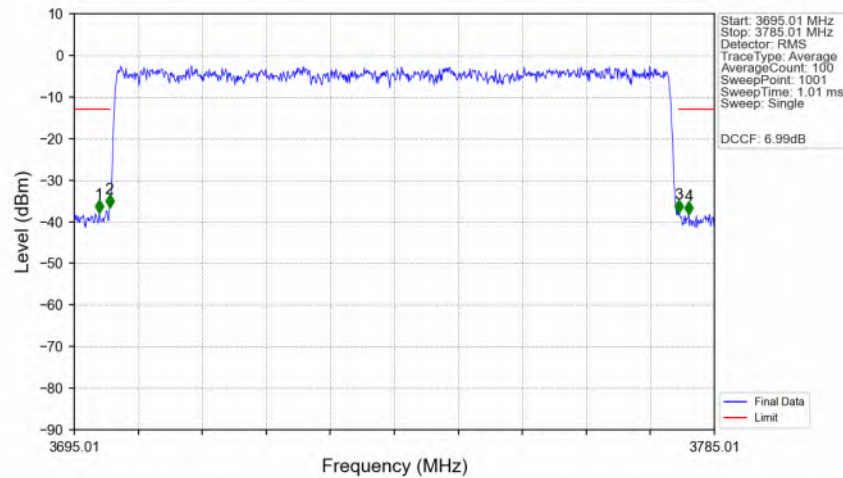
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.950	-45.76	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3740.01MHz_Edge_1RB_Left_Ant1



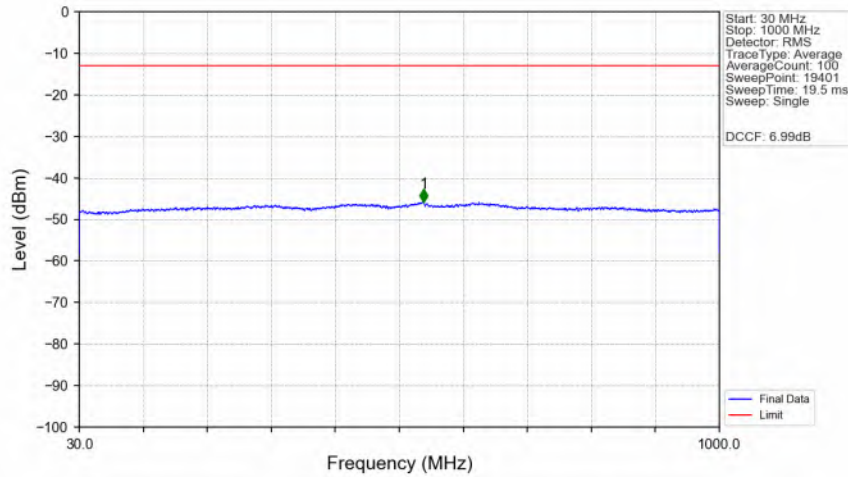
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3693.000	-41.24	-13	Pass
3695.01	3785.01	1	/	/	/	/	/	/
3785.01	39800	1	/	2	39172.500	-36.80	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3740.01MHz_Outer_Full_Ant1

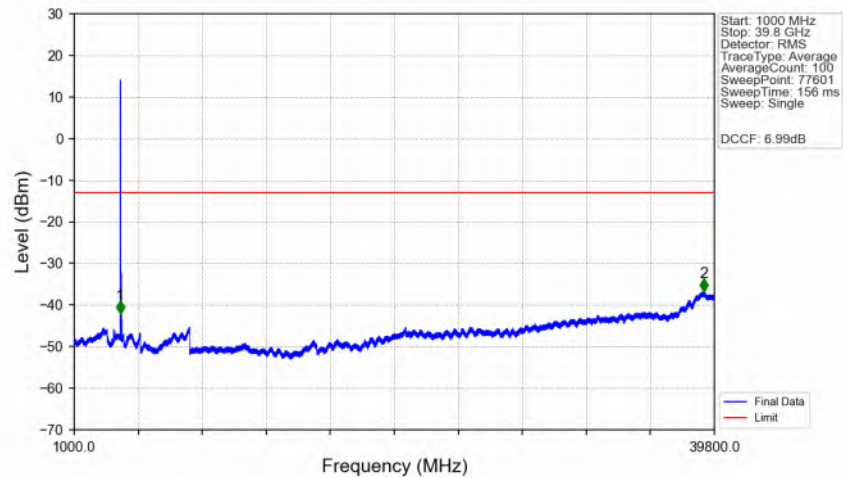


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	/	1	3698.520	-37.79	-13	Pass
3699.01	3700.01	0.5	/	2	3699.960	-36.49	-13	Pass
3700.01	3780.01	0.5	/	/	/	/	/	/
3780.01	3781.01	0.5	/	3	3780.060	-37.92	-13	Pass
3781.01	3785.01	0.5	/	4	3781.410	-38.21	-13	Pass

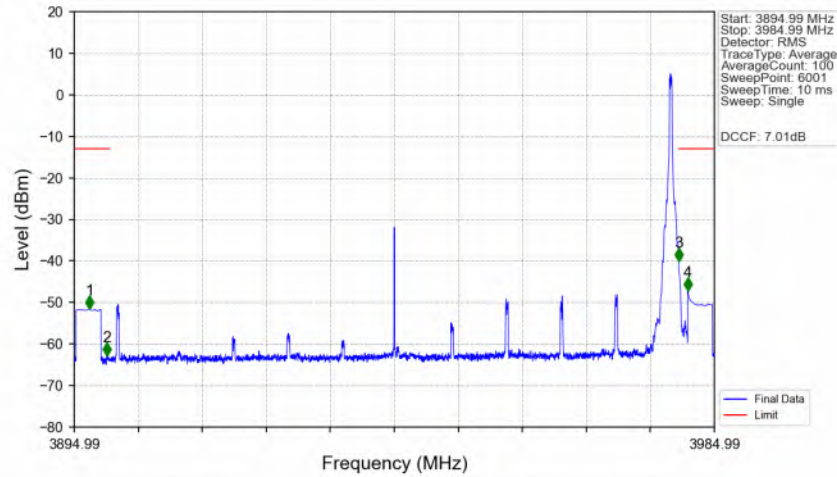
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1

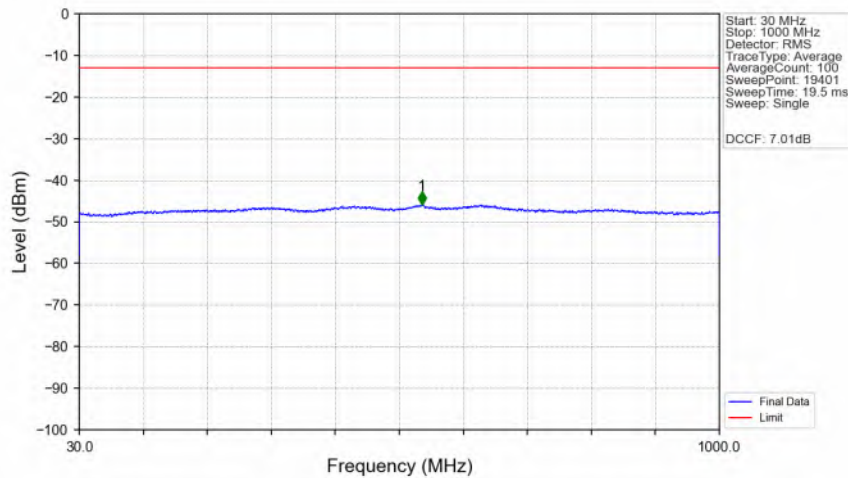


n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3939.99MHz_Edge_1RB_Right_Ant1



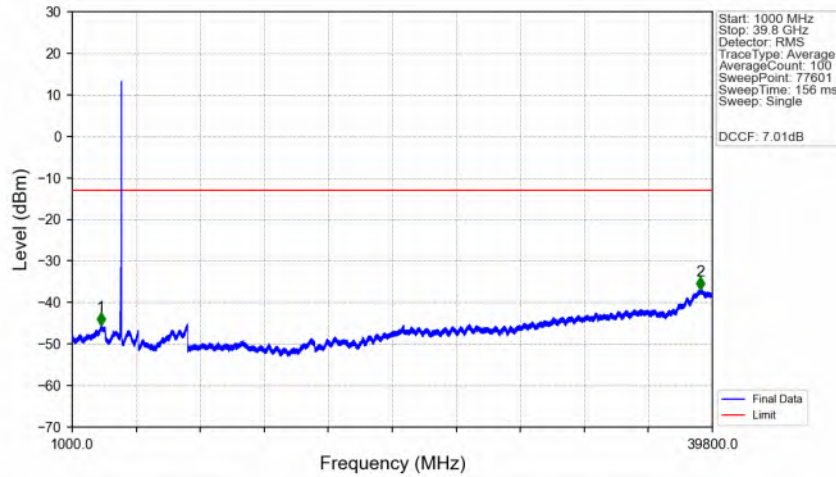
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3894.99	3898.99	0.5	CHP	1	3897.150	-51.55	-13	Pass
3898.99	3899.99	0.03	/	2	3899.580	-62.83	-13	Pass
3899.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	3	3979.995	-40.07	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.240	-47.11	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3939.99MHz_Edge_1RB_Right_Ant1



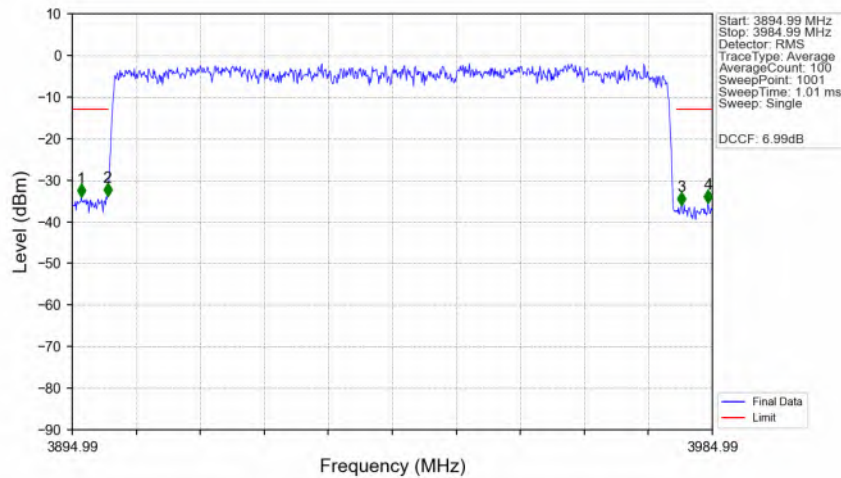
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	549.300	-45.84	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3939.99MHz_Edge_1RB_Right_Ant1



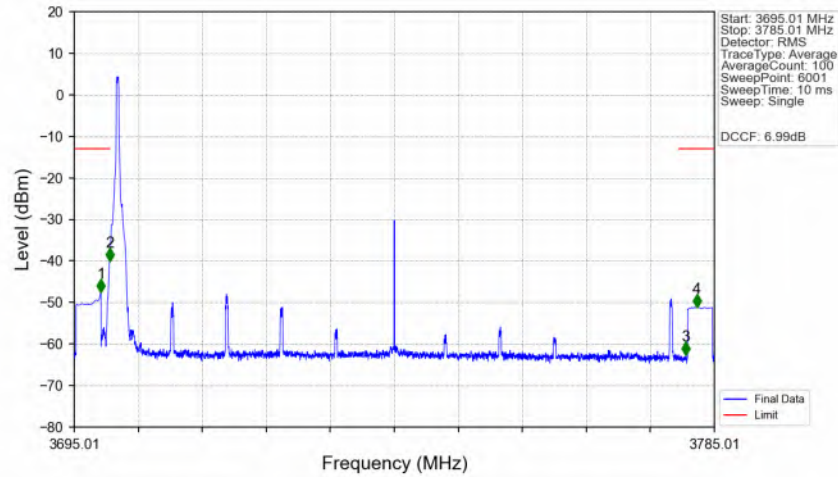
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3894.99	1	/	1	2737.000	-45.47	-13	Pass
3894.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39061.000	-36.91	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3939.99MHz_Outer_Full_Ant1



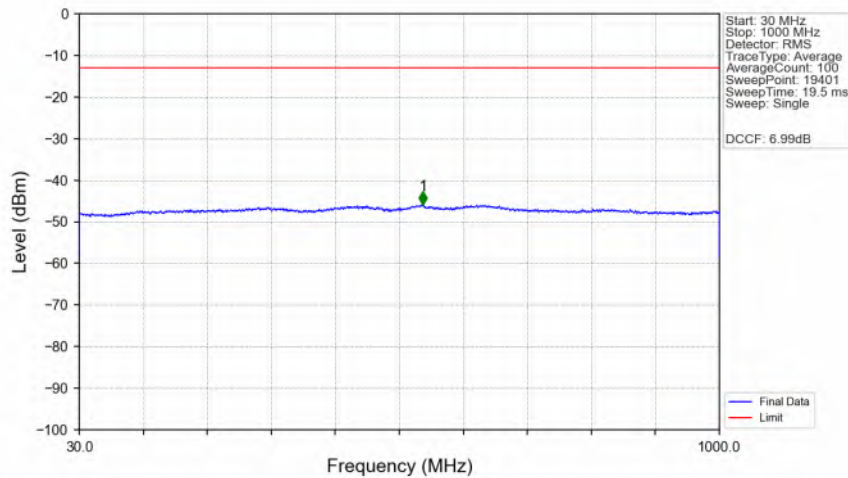
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3894.99	3898.99	0.5	/	1	3896.250	-34.01	-13	Pass
3898.99	3899.99	0.5	/	2	3899.940	-33.81	-13	Pass
3899.99	3979.99	0.5	/	/	/	/	/	/
3979.99	3980.99	0.5	/	3	3980.670	-35.99	-13	Pass
3980.99	3984.99	0.5	/	4	3984.360	-35.47	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3740.01MHz_Edge_1RB_Left_Ant1



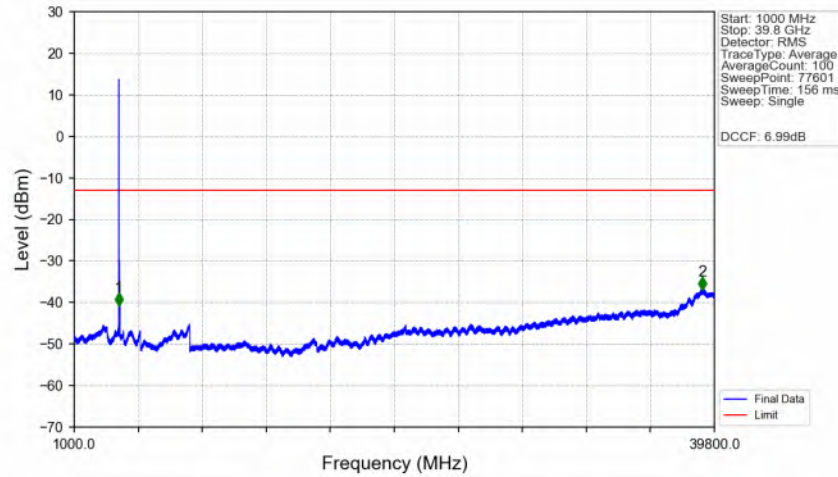
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3698.760	-47.54	-13	Pass
3699.01	3700.01	0.03	/	2	3700.005	-40.01	-13	Pass
3700.01	3780.01	0.03	/	/	/	/	/	/
3780.01	3781.01	0.03	/	3	3781.005	-62.66	-13	Pass
3781.01	3785.01	0.5	CHP	4	3782.535	-51.13	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3740.01MHz_Edge_1RB_Left_Ant1



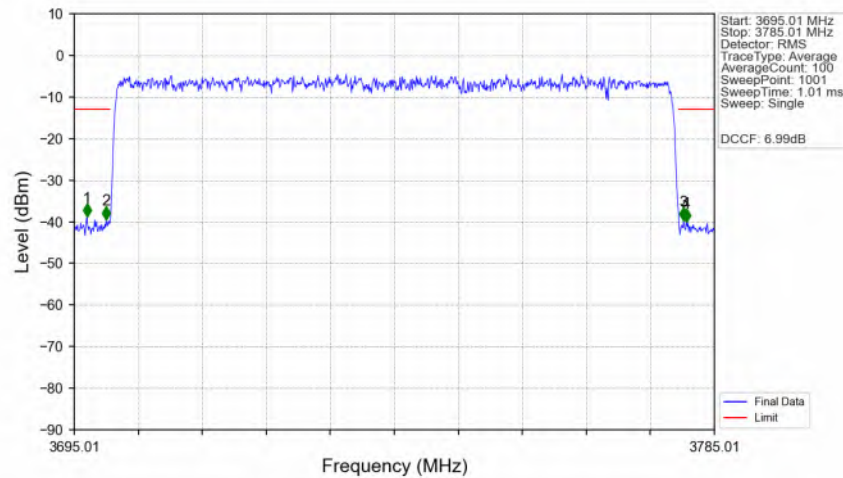
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.900	-45.84	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3740.01MHz_Edge_1RB_Left_Ant1



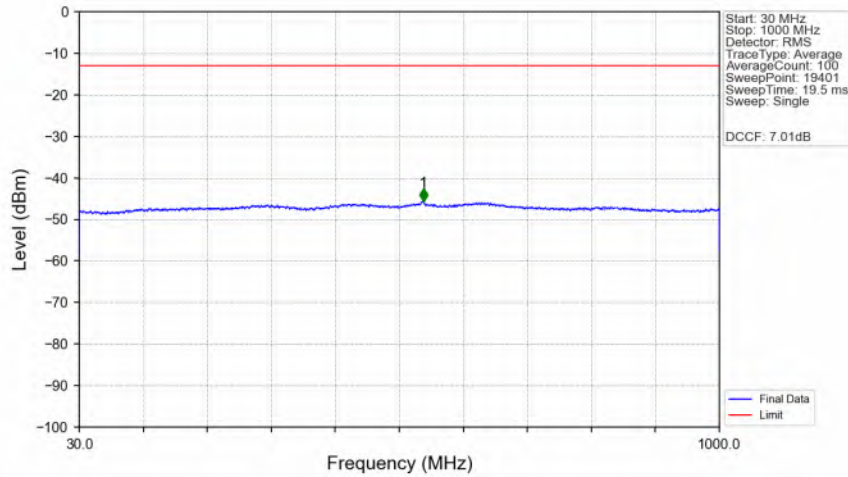
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3685.500	-40.81	-13	Pass
3695.01	3785.01	1	/	/	/	/	/	/
3785.01	39800	1	/	2	39089.000	-36.94	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3740.01MHz_Outer_Full_Ant1

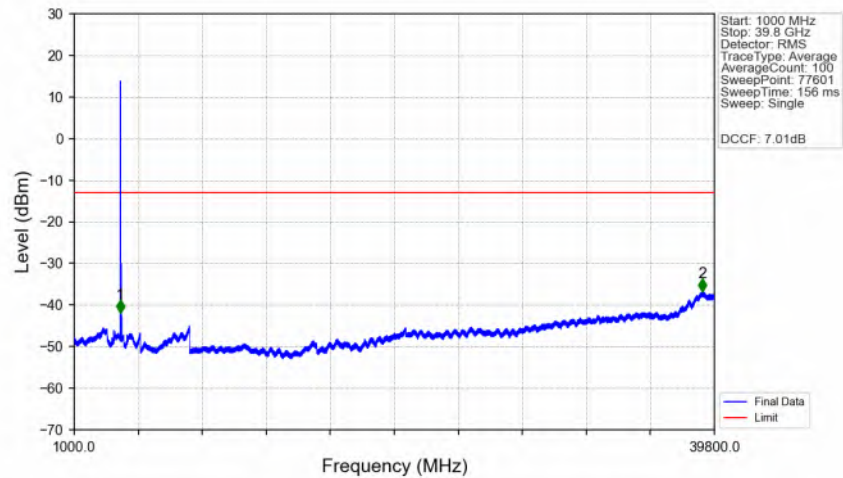


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	/	1	3696.810	-38.84	-13	Pass
3699.01	3700.01	0.5	/	2	3699.510	-39.40	-13	Pass
3700.01	3780.01	0.5	/	/	/	/	/	/
3780.01	3781.01	0.5	/	3	3780.690	-39.68	-13	Pass
3781.01	3785.01	0.5	/	4	3781.050	-40.00	-13	Pass

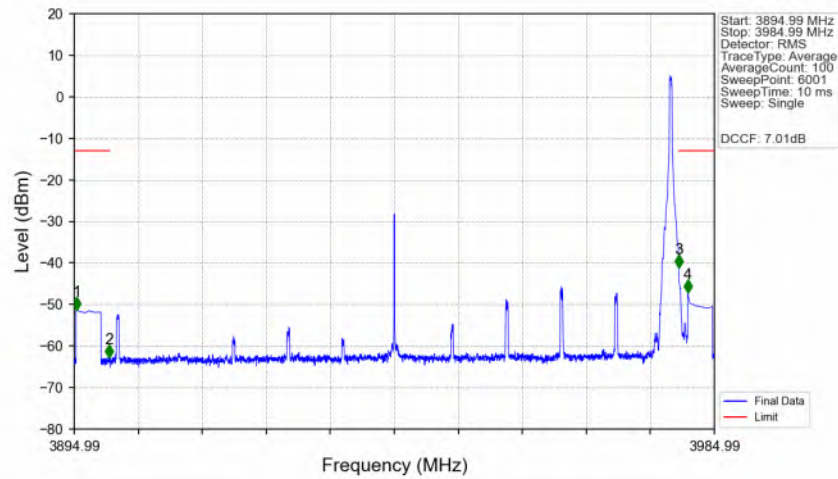
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left_Ant1

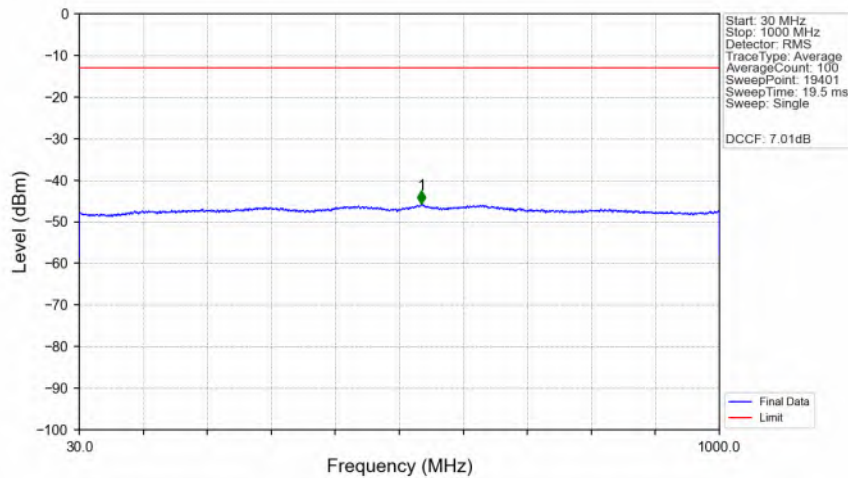


n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3939.99MHz_Edge_1RB_Right_Ant1



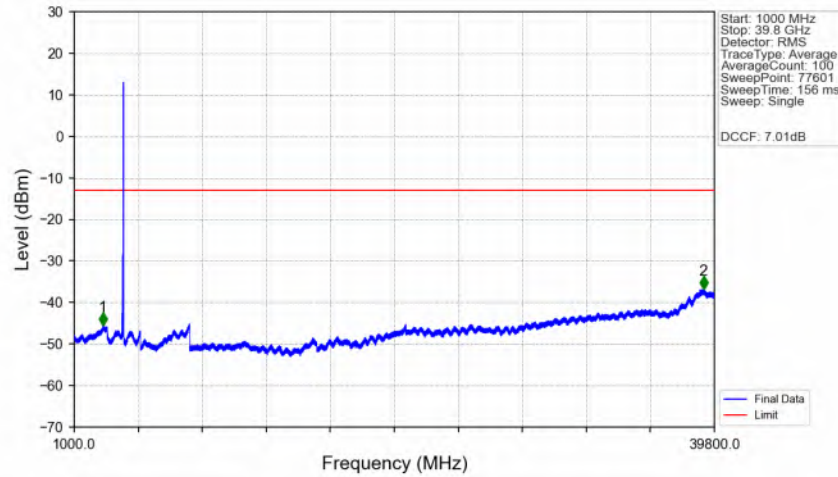
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3894.99	3898.99	0.5	CHP	1	3895.350	-51.40	-13	Pass
3898.99	3899.99	0.03	/	2	3899.865	-62.81	-13	Pass
3899.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	3	3979.995	-41.19	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.240	-47.24	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3939.99MHz_Edge_1RB_Right_Ant1



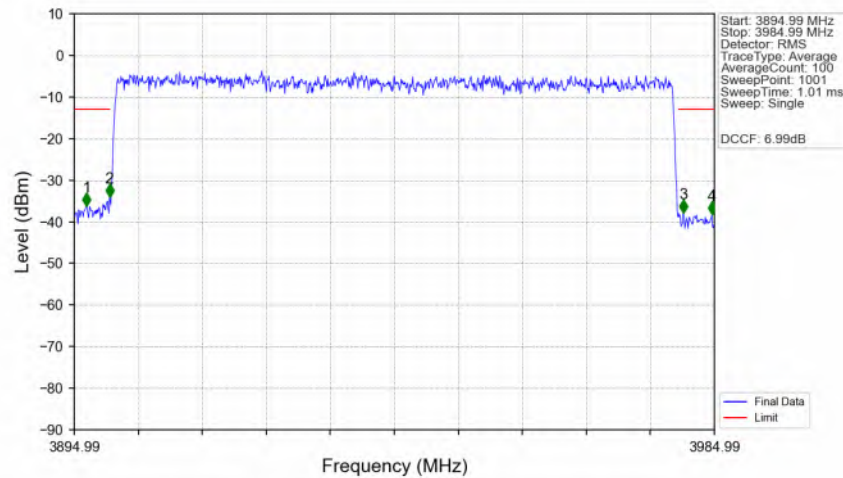
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	548.550	-45.59	-13	Pass

n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3939.99MHz_Edge_1RB_Right_Ant1



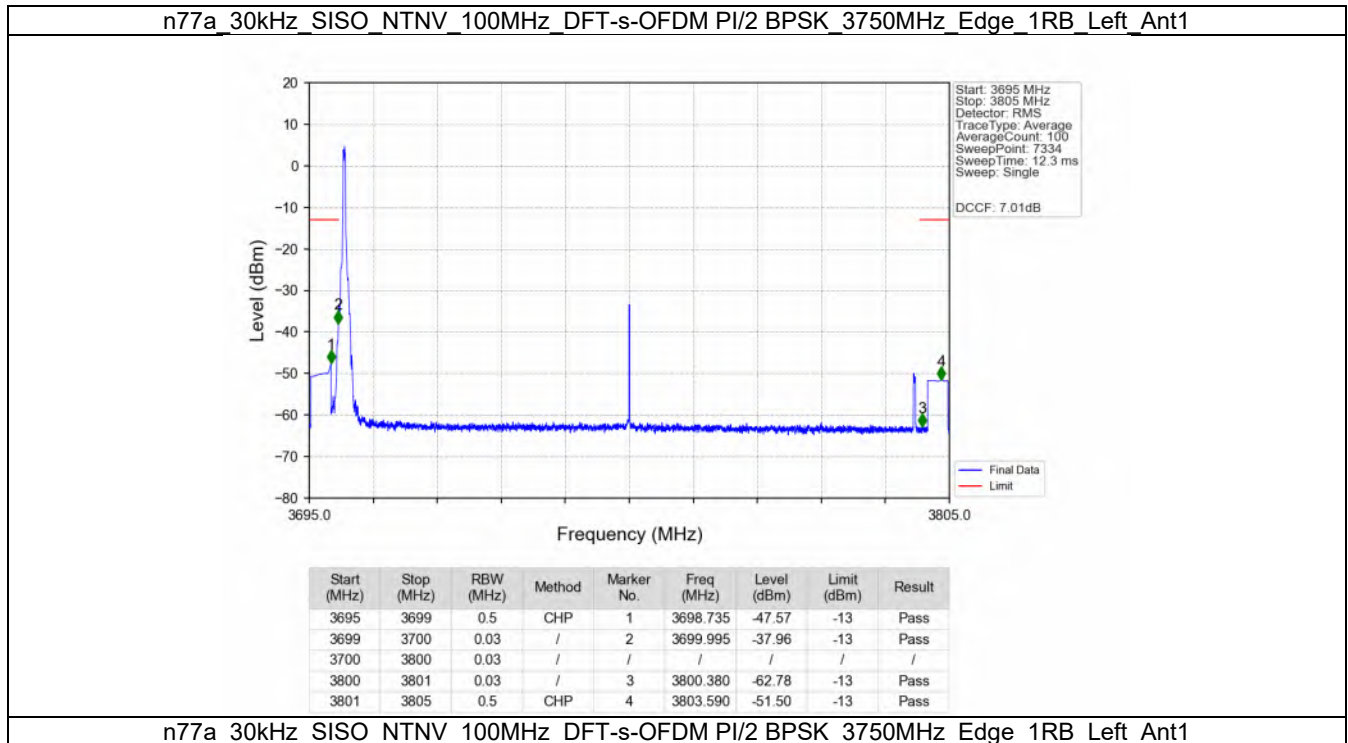
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3894.99	1	/	1	2731.500	-45.54	-13	Pass
3894.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39139.500	-36.86	-13	Pass

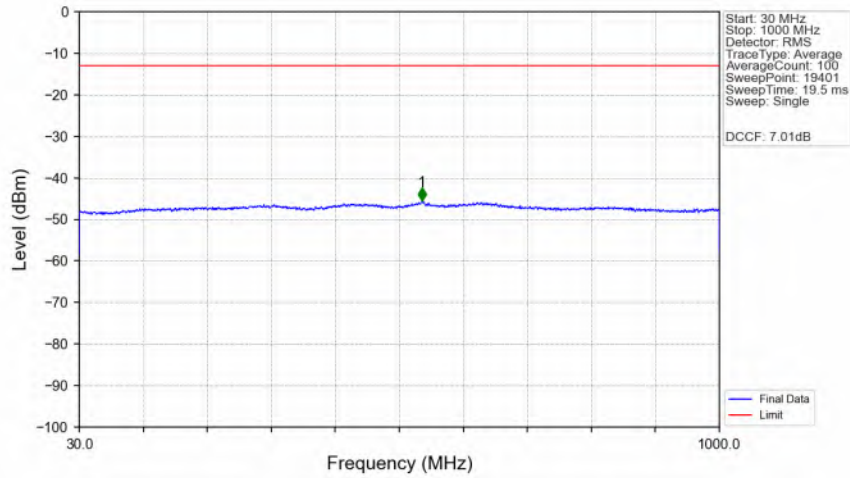
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3939.99MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3894.99	3898.99	0.5	/	1	3896.700	-36.18	-13	Pass
3898.99	3899.99	0.5	/	2	3899.940	-33.96	-13	Pass
3899.99	3979.99	0.5	/	/	/	/	/	/
3979.99	3980.99	0.5	/	3	3980.580	-37.93	-13	Pass
3980.99	3984.99	0.5	/	4	3984.630	-38.25	-13	Pass

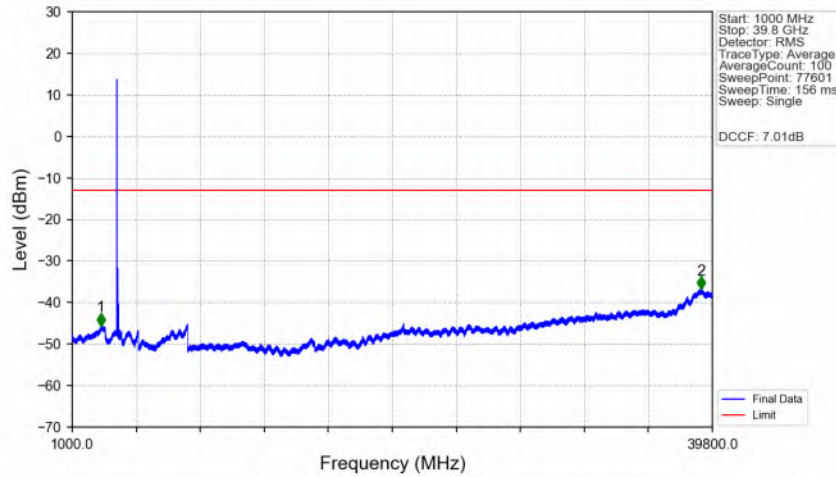
5.2.3 30_S_100M_NTNV





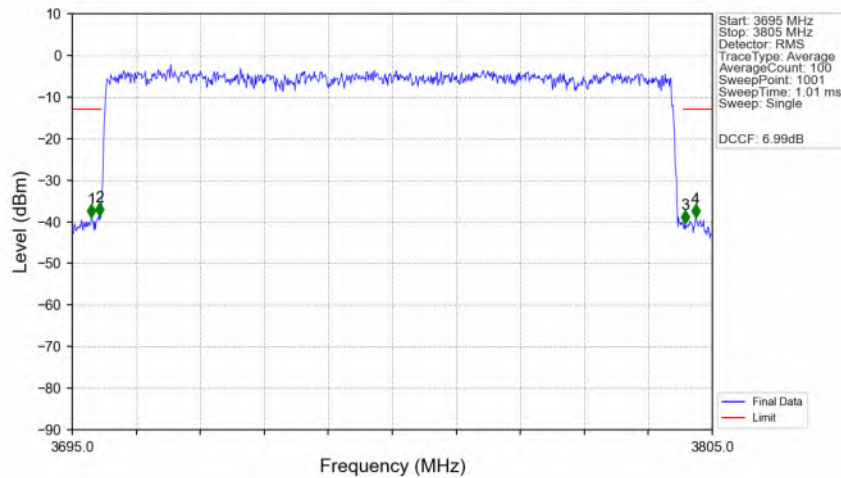
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	548.950	-45.52	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left_Ant1



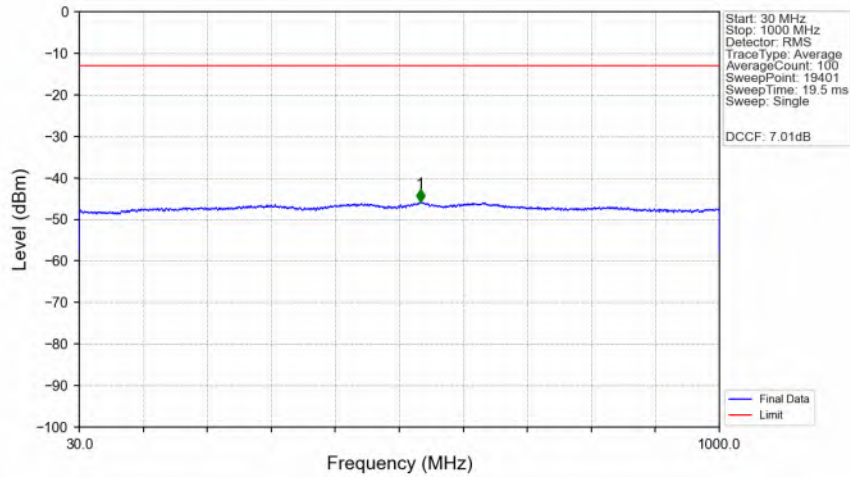
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	2728.500	-45.63	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	39106.000	-36.84	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full_Ant1

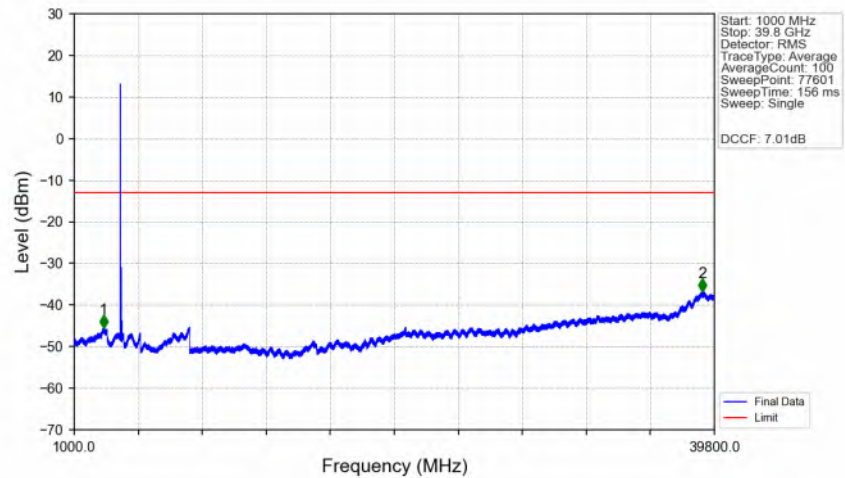


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3698.300	-38.87	-13	Pass
3699	3700	0.5	/	2	3699.730	-38.63	-13	Pass
3700	3800	0.5	/	/	/	/	/	/
3800	3801	0.5	/	3	3800.270	-40.39	-13	Pass
3801	3805	0.5	/	4	3802.140	-38.93	-13	Pass

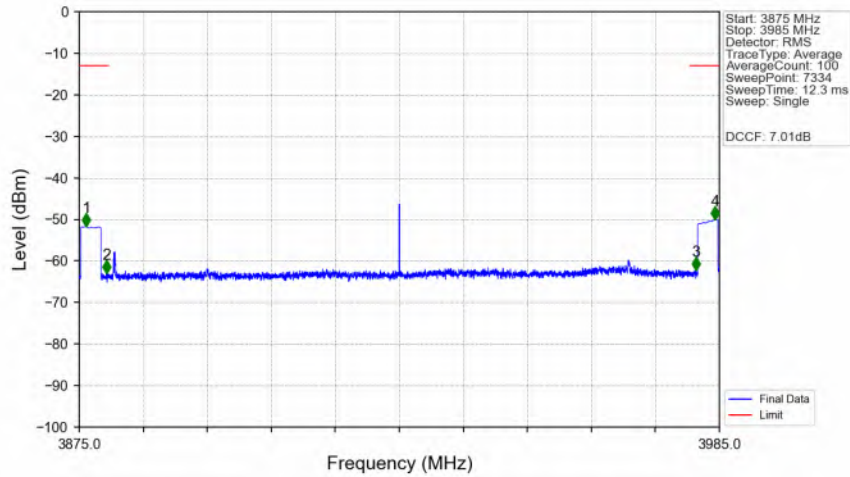
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant1

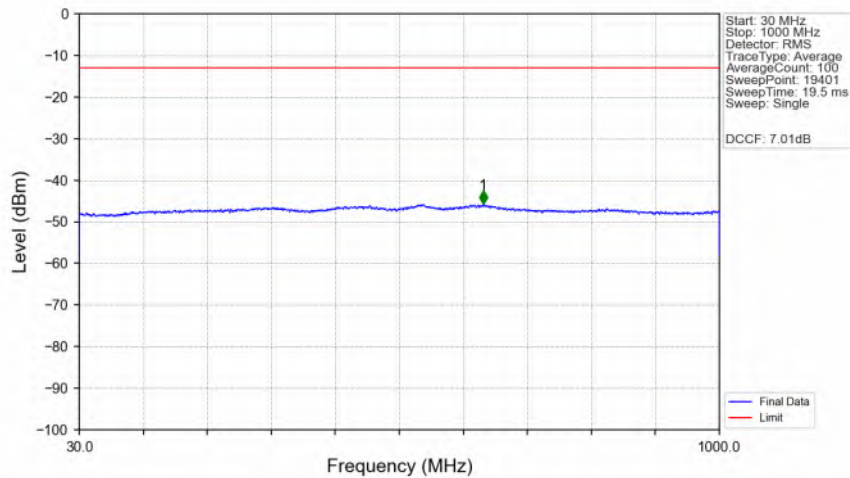


n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3930MHz_Edge_1RB_Right_Ant1



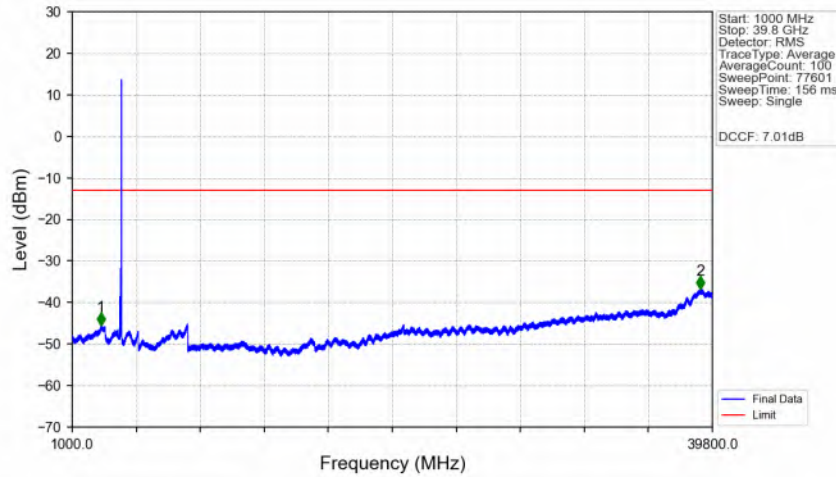
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3876.200	-51.65	-13	Pass
3879	3880	0.03	/	2	3879.665	-62.97	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	3	3980.980	-62.16	-13	Pass
3981	3985	0.5	CHP	4	3984.280	-50.02	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3930MHz_Edge_1RB_Right_Ant1



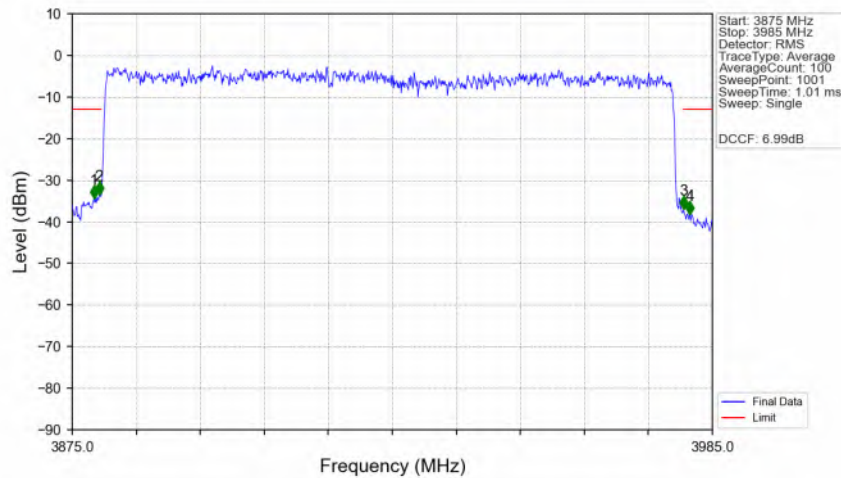
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	642.300	-45.68	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3930MHz_Edge_1RB_Right_Ant1



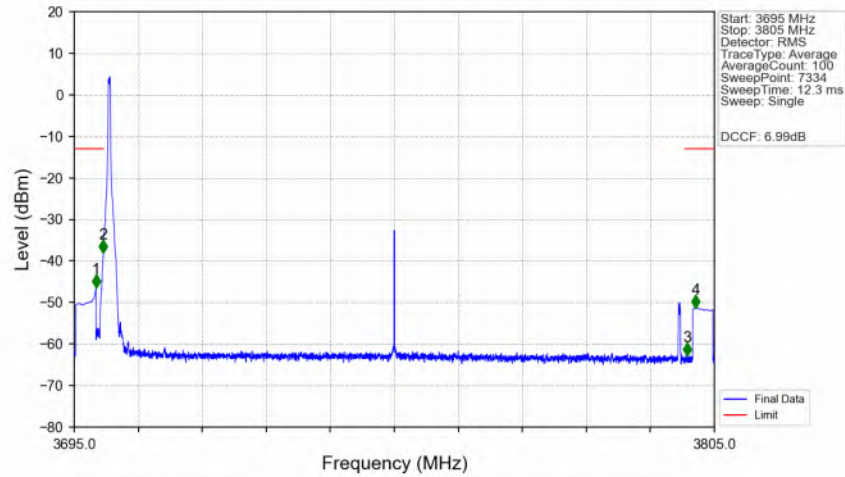
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	2736.000	-45.50	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39062.500	-36.75	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3930MHz_Outer_Full_Ant1



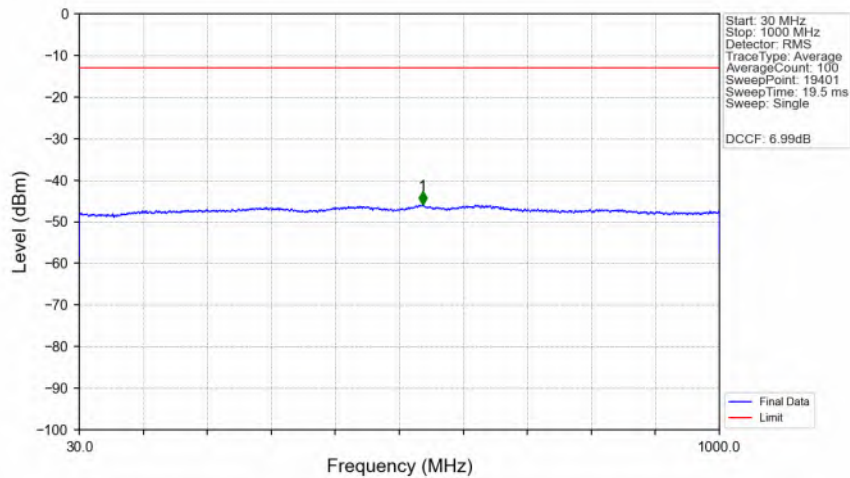
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	/	1	3878.740	-34.47	-13	Pass
3879	3880	0.5	/	2	3879.620	-33.52	-13	Pass
3880	3980	0.5	/	/	/	/	/	/
3980	3981	0.5	/	3	3980.050	-36.97	-13	Pass
3981	3985	0.5	/	4	3981.150	-38.13	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



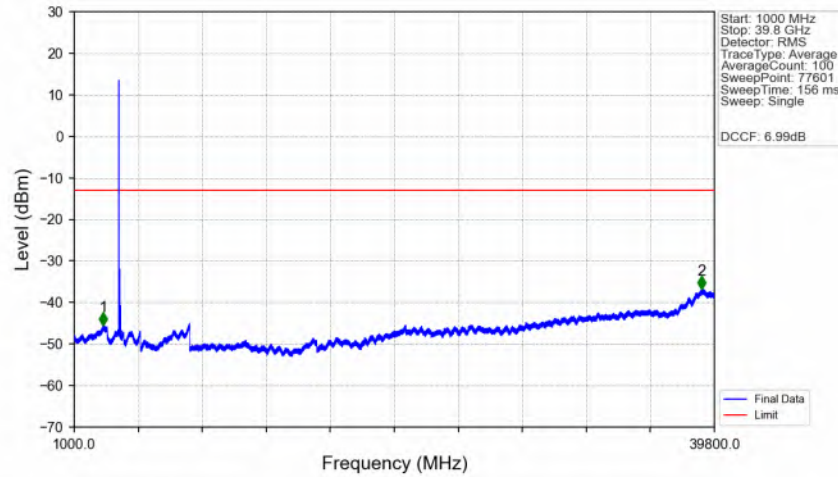
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	CHP	1	3698.735	-46.51	-13	Pass
3699	3700	0.03	/	2	3699.995	-38.09	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	3	3800.365	-62.79	-13	Pass
3801	3805	0.5	CHP	4	3801.760	-51.42	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



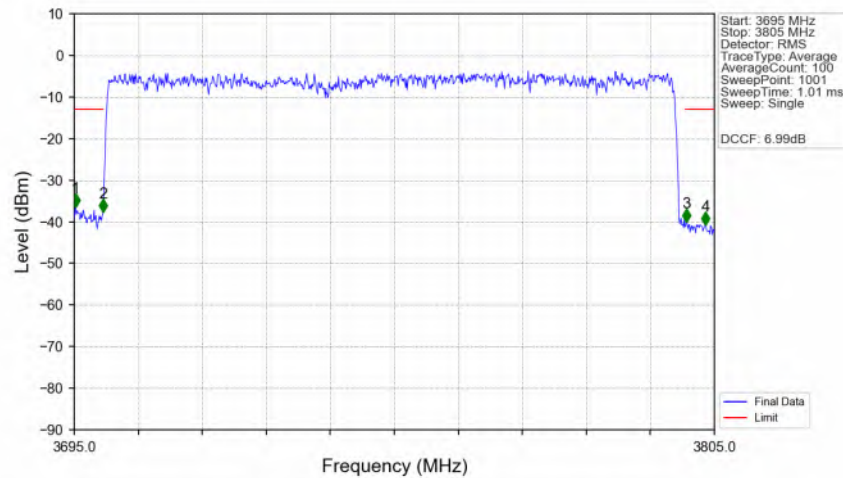
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.400	-45.90	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



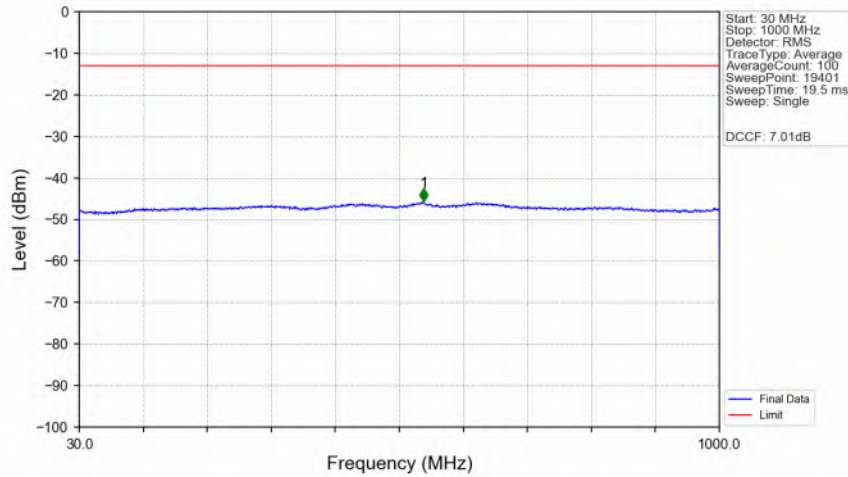
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	2751.000	-45.48	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	39042.500	-36.73	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full_Ant1



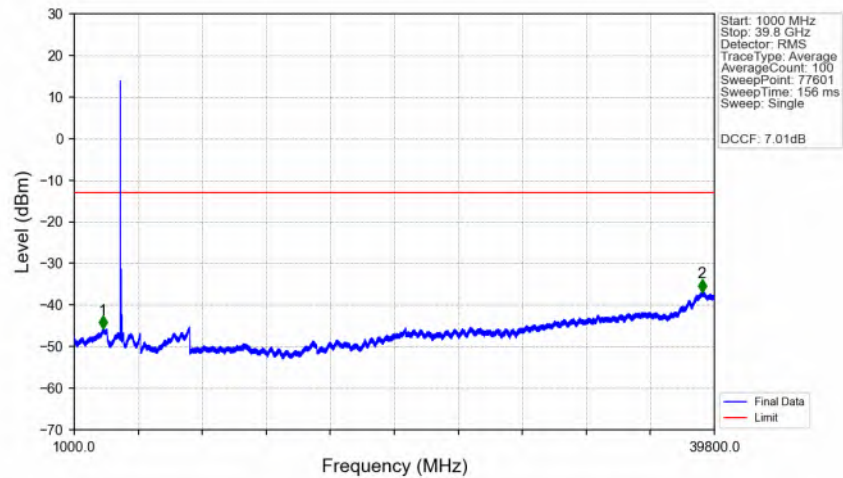
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3695.220	-36.31	-13	Pass
3699	3700	0.5	/	2	3699.950	-37.61	-13	Pass
3700	3800	0.5	/	/	/	/	/	/
3800	3801	0.5	/	3	3800.160	-40.00	-13	Pass
3801	3805	0.5	/	4	3803.460	-40.71	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3840MHz_Edge_1RB_Left_Ant1



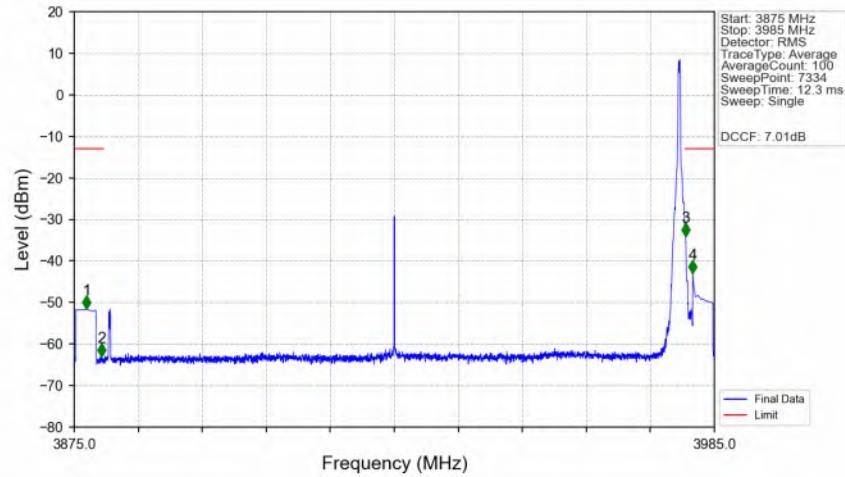
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.950	-45.63	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3840MHz_Edge_1RB_Left_Ant1



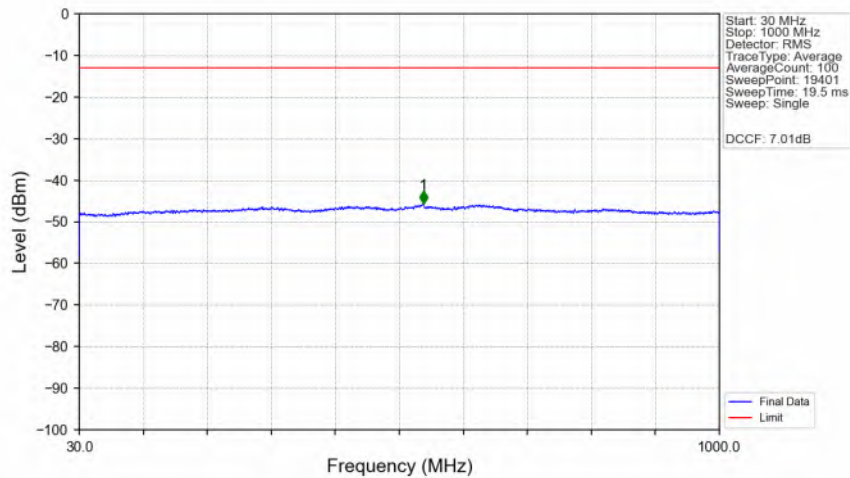
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3785	1	/	1	2731.500	-45.68	-13	Pass
3785	3895	1	/	/	/	/	/	/
3895	39800	1	/	2	39050.000	-36.88	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



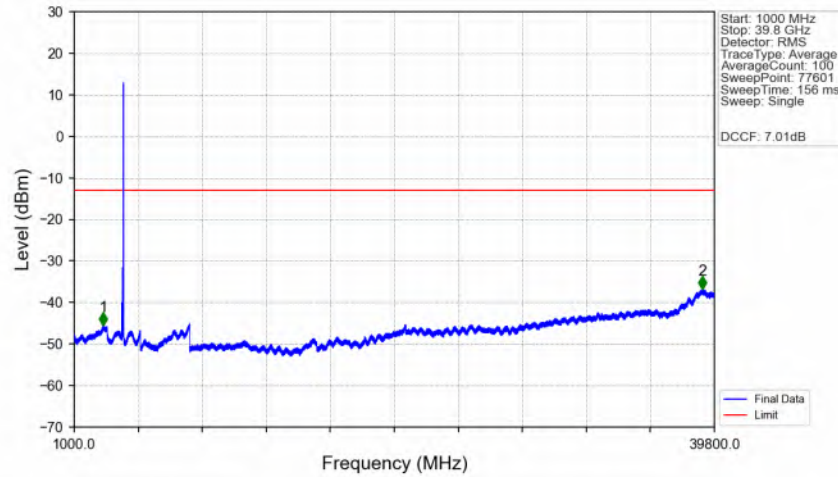
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3877.100	-51.59	-13	Pass
3879	3880	0.03	/	2	3879.695	-62.95	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	3	3980.005	-33.99	-13	Pass
3981	3985	0.5	CHP	4	3981.265	-43.05	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



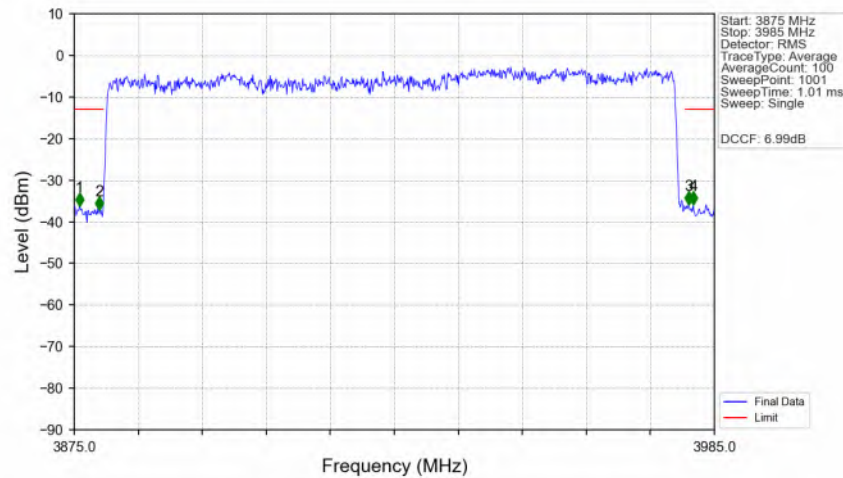
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.500	-45.66	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



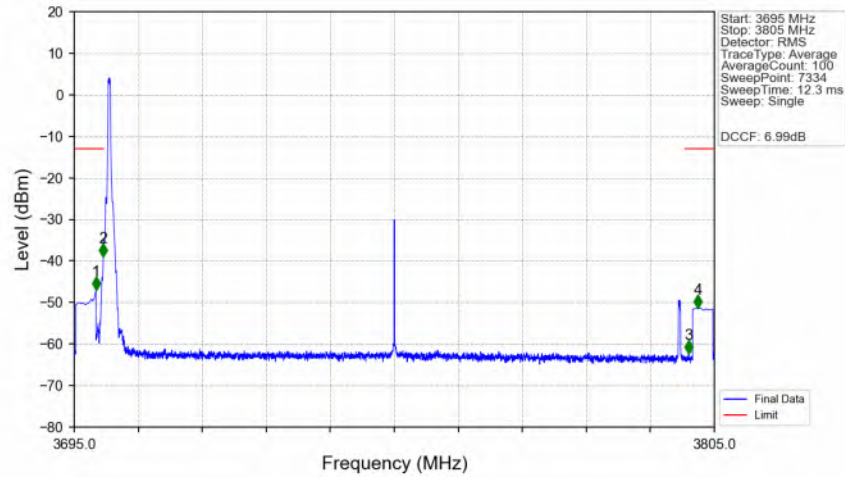
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	2756.500	-45.54	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39058.000	-36.83	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant1



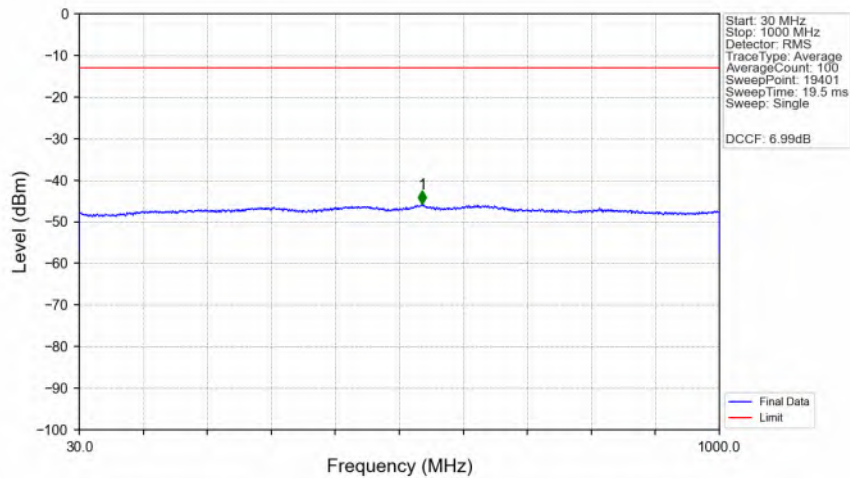
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	/	1	3875.880	-36.18	-13	Pass
3879	3880	0.5	/	2	3879.290	-37.05	-13	Pass
3880	3980	0.5	/	/	/	/	/	/
3980	3981	0.5	/	3	3980.600	-35.78	-13	Pass
3981	3985	0.5	/	4	3981.370	-35.86	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



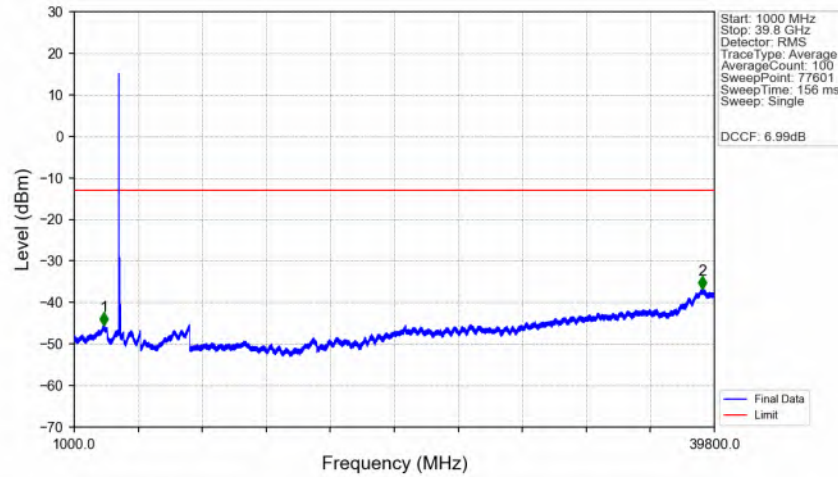
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	CHP	1	3698.735	-46.93	-13	Pass
3699	3700	0.03	/	2	3699.995	-38.99	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	3	3800.575	-62.30	-13	Pass
3801	3805	0.5	CHP	4	3802.180	-51.40	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



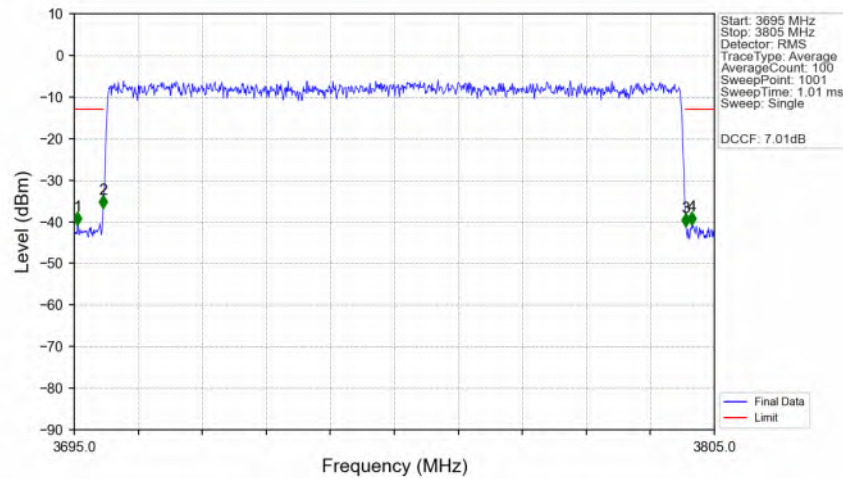
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	549.550	-45.57	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



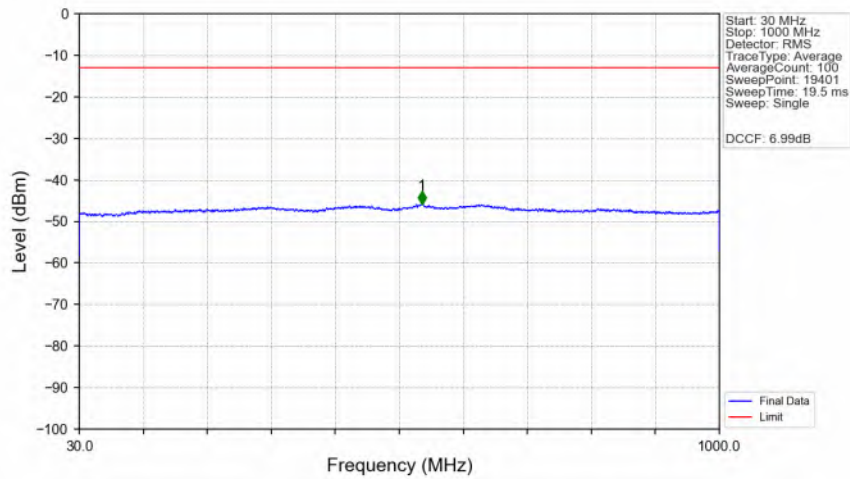
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	2802.500	-45.53	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	39063.000	-36.80	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant1



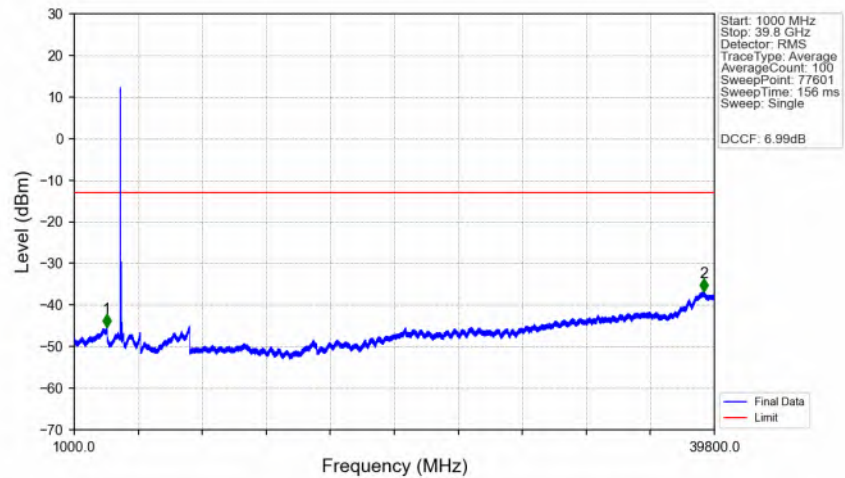
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3695.550	-40.80	-13	Pass
3699	3700	0.5	/	2	3699.950	-36.81	-13	Pass
3700	3800	0.5	/	/	/	/	/	/
3800	3801	0.5	/	3	3800.050	-41.14	-13	Pass
3801	3805	0.5	/	4	3801.150	-40.71	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



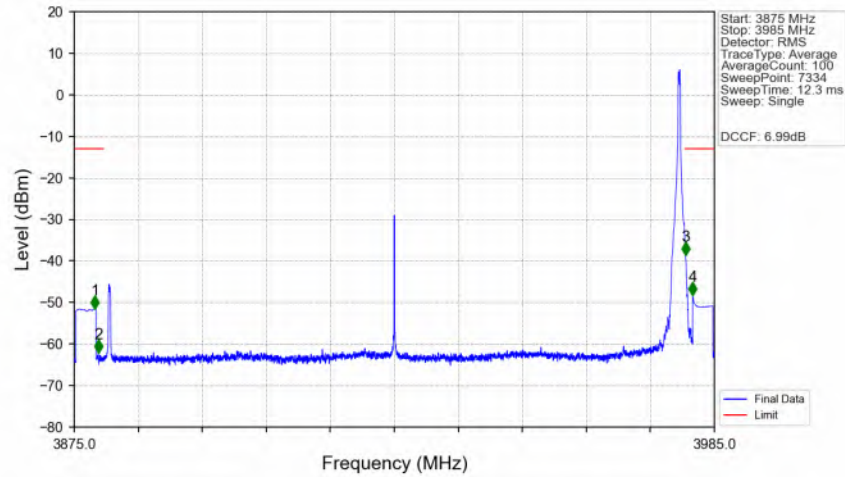
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	549.250	-45.77	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



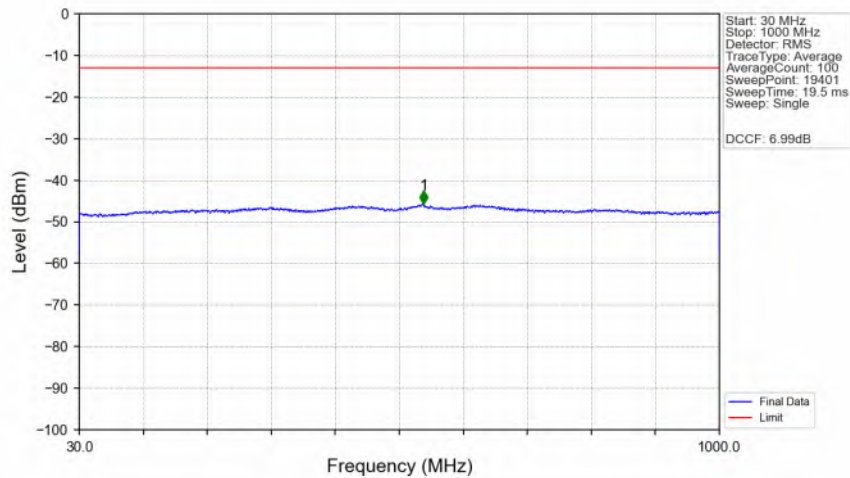
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3785	1	/	1	2965.500	-45.36	-13	Pass
3785	3895	1	/	/	/	/	/	/
3895	39800	1	/	2	39154.000	-36.85	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



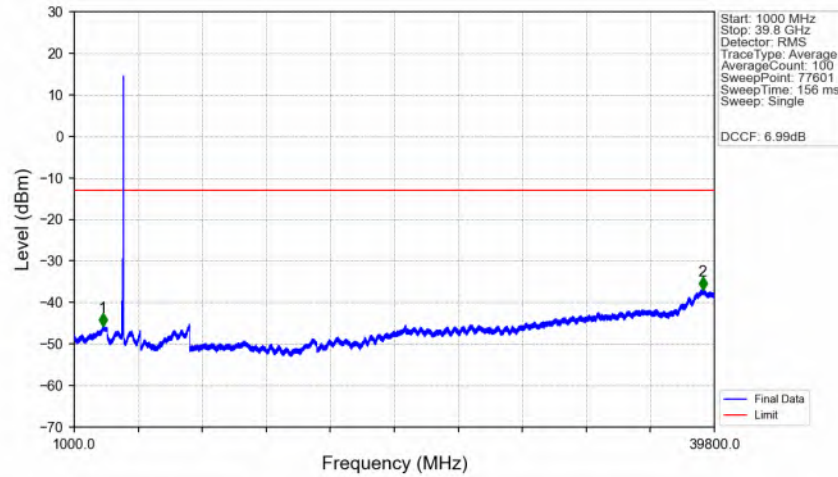
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3878.555	-51.46	-13	Pass
3879	3880	0.03	/	2	3879.125	-62.15	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	3	3980.005	-38.53	-13	Pass
3981	3985	0.5	CHP	4	3981.265	-48.24	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



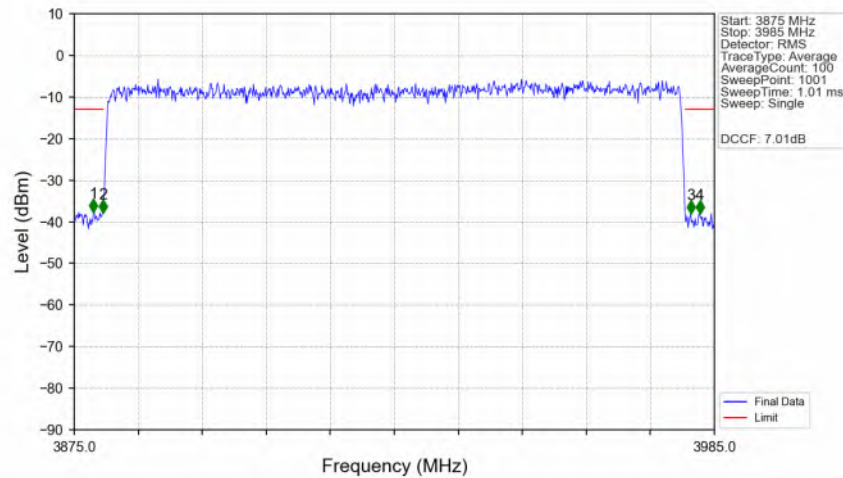
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.850	-45.67	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	2728.500	-45.64	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39097.500	-36.93	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	/	1	3878.300	-37.65	-13	Pass
3879	3880	0.5	/	2	3879.950	-37.90	-13	Pass
3880	3980	0.5	/	/	/	/	/	/
3980	3981	0.5	/	3	3980.930	-38.12	-13	Pass
3981	3985	0.5	/	4	3982.470	-38.01	-13	Pass

---End of Attachment---