

**Appendix A.42****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	21.75	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	21.75	/	/	<=30	Pass
		Outer_Full	25.10	/	/	24.48	/	/	<=30	Pass
		Inner_Full	25.54	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	25.16	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.65	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	21.76	/	/	<=30	Pass
		Outer_Full	25.55	/	/	24.93	/	/	<=30	Pass
		Inner_Full	26.04	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	25.22	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.56	/	/	20.94	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	20.96	/	/	<=30	Pass
		Outer_Full	24.57	/	/	23.95	/	/	<=30	Pass
		Inner_Full	24.99	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	24.49	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	21.70	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	21.73	/	/	<=30	Pass
		Outer_Full	24.58	/	/	23.96	/	/	<=30	Pass
		Inner_Full	25.55	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	25.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.63	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	21.70	/	/	<=30	Pass
		Outer_Full	25.02	/	/	24.40	/	/	<=30	Pass
		Inner_Full	26.00	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	25.22	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.59	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	20.93	/	/	<=30	Pass
		Outer_Full	24.04	/	/	23.42	/	/	<=30	Pass
		Inner_Full	24.97	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	24.27	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	21.76	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	21.73	/	/	<=30	Pass
		Outer_Full	23.57	/	/	22.95	/	/	<=30	Pass
		Inner_Full	24.52	/	/	23.90	/	/	<=30	Pass

		Inner_1RB_Left	24.28	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	24.24	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.85	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	21.89	/	/	<=30	Pass
		Outer_Full	23.99	/	/	23.37	/	/	<=30	Pass
		Inner_Full	24.97	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	24.30	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.58	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	20.94	/	/	<=30	Pass
		Outer_Full	23.03	/	/	22.41	/	/	<=30	Pass
		Inner_Full	24.02	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	23.58	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	21.97	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	21.91	/	/	<=30	Pass
		Outer_Full	23.13	/	/	22.51	/	/	<=30	Pass
		Inner_Full	23.13	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	23.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.77	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	21.86	/	/	<=30	Pass
		Outer_Full	23.58	/	/	22.96	/	/	<=30	Pass
		Inner_Full	23.61	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	22.96	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.83	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	21.18	/	/	<=30	Pass
		Outer_Full	22.55	/	/	21.93	/	/	<=30	Pass
		Inner_Full	22.59	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	22.34	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	20.45	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	20.43	/	/	<=30	Pass
		Outer_Full	21.08	/	/	20.46	/	/	<=30	Pass
		Inner_Full	21.09	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	20.49	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Right	21.09	/	/	20.47	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.35	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	20.42	/	/	<=30	Pass
		Outer_Full	21.56	/	/	20.94	/	/	<=30	Pass
		Inner_Full	21.50	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	21.08	/	/	20.46	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	20.32	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	19.65	/	/	<=30	Pass
		Outer_Full	20.49	/	/	19.87	/	/	<=30	Pass
		Inner_Full	20.44	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	20.36	/	/	19.74	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	21.78	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	21.75	/	/	<=30	Pass
		Outer_Full	22.53	/	/	21.91	/	/	<=30	Pass

		Inner Full	24.16	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Left	23.83	/	/	23.21	/	/	<=30	Pass
		Inner 1RB Right	24.40	/	/	23.78	/	/	<=30	Pass
	3840	Edge 1RB Left	22.78	/	/	22.16	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	21.78	/	/	<=30	Pass
		Outer Full	23.03	/	/	22.41	/	/	<=30	Pass
		Inner Full	24.60	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Left	24.80	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	24.48	/	/	23.86	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.69	/	/	21.07	/	/	<=30	Pass
		Edge 1RB Right	21.66	/	/	21.04	/	/	<=30	Pass
		Outer Full	22.04	/	/	21.42	/	/	<=30	Pass
		Inner Full	23.53	/	/	22.91	/	/	<=30	Pass
		Inner 1RB Left	23.62	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	22.90	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	21.71	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	21.72	/	/	<=30	Pass
		Outer Full	22.55	/	/	21.93	/	/	<=30	Pass
		Inner Full	23.57	/	/	22.95	/	/	<=30	Pass
		Inner 1RB Left	23.26	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Right	23.84	/	/	23.22	/	/	<=30	Pass
	3840	Edge 1RB Left	22.79	/	/	22.17	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	21.82	/	/	<=30	Pass
		Outer Full	23.07	/	/	22.45	/	/	<=30	Pass
		Inner Full	24.06	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Left	24.41	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Right	24.01	/	/	23.39	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.67	/	/	21.05	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.06	/	/	21.44	/	/	<=30	Pass
		Inner Full	23.06	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Left	23.32	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Right	23.19	/	/	22.57	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	21.92	/	/	21.30	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	21.91	/	/	<=30	Pass
		Outer Full	22.11	/	/	21.49	/	/	<=30	Pass
		Inner Full	22.14	/	/	21.52	/	/	<=30	Pass
		Inner 1RB Left	21.98	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Right	22.52	/	/	21.90	/	/	<=30	Pass
	3840	Edge 1RB Left	22.78	/	/	22.16	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	21.80	/	/	<=30	Pass
		Outer Full	22.55	/	/	21.93	/	/	<=30	Pass
		Inner Full	22.66	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Left	22.80	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	22.00	/	/	<=30	Pass
	3969.99	Edge 1RB Left	21.74	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	21.68	/	/	21.06	/	/	<=30	Pass
		Outer Full	21.52	/	/	20.90	/	/	<=30	Pass
		Inner Full	21.62	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	21.81	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Right	21.70	/	/	21.08	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge 1RB Left	18.42	/	/	17.80	/	/	<=30	Pass
		Edge 1RB Right	19.03	/	/	18.41	/	/	<=30	Pass

		Outer_Full	19.09	/	/	18.47	/	/	<=30	Pass
		Inner_Full	19.04	/	/	18.42	/	/	<=30	Pass
		Inner_1RB_Left	18.47	/	/	17.85	/	/	<=30	Pass
		Inner_1RB_Right	19.02	/	/	18.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.34	/	/	18.72	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	18.40	/	/	<=30	Pass
		Outer_Full	19.50	/	/	18.88	/	/	<=30	Pass
		Inner_Full	19.52	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	18.49	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	18.28	/	/	17.66	/	/	<=30	Pass
		Edge_1RB_Right	18.29	/	/	17.67	/	/	<=30	Pass
		Outer_Full	18.57	/	/	17.95	/	/	<=30	Pass
		Inner_Full	18.48	/	/	17.86	/	/	<=30	Pass
		Inner_1RB_Left	18.31	/	/	17.69	/	/	<=30	Pass
		Inner_1RB_Right	18.33	/	/	17.71	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.62dBi; 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	21.74	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	21.84	/	/	<=30	Pass
		Outer_Full	25.19	/	/	24.57	/	/	<=30	Pass
		Inner_Full	25.77	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	25.29	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.71	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	21.73	/	/	<=30	Pass
		Outer_Full	25.63	/	/	25.01	/	/	<=30	Pass
		Inner_Full	26.16	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	25.22	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.61	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	20.90	/	/	<=30	Pass
		Outer_Full	24.65	/	/	24.03	/	/	<=30	Pass
		Inner_Full	25.11	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	25.03	/	/	24.41	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	21.70	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	21.86	/	/	<=30	Pass
		Outer_Full	24.70	/	/	24.08	/	/	<=30	Pass
		Inner_Full	25.72	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	25.24	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.67	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	21.70	/	/	<=30	Pass
		Outer_Full	25.16	/	/	24.54	/	/	<=30	Pass

		Inner Full	26.05	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Left	26.06	/	/	25.44	/	/	<=30	Pass
		Inner 1RB Right	25.73	/	/	25.11	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.54	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	21.54	/	/	20.92	/	/	<=30	Pass
		Outer Full	24.10	/	/	23.48	/	/	<=30	Pass
		Inner Full	25.06	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Left	25.01	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Right	24.94	/	/	24.32	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	21.90	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	22.06	/	/	<=30	Pass
		Outer Full	23.70	/	/	23.08	/	/	<=30	Pass
		Inner Full	24.71	/	/	24.09	/	/	<=30	Pass
		Inner 1RB Left	24.23	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Right	24.96	/	/	24.34	/	/	<=30	Pass
	3840	Edge 1RB Left	22.89	/	/	22.27	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	21.90	/	/	<=30	Pass
		Outer Full	24.07	/	/	23.45	/	/	<=30	Pass
		Inner Full	25.04	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	24.85	/	/	24.23	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.74	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	21.77	/	/	21.15	/	/	<=30	Pass
		Outer Full	23.07	/	/	22.45	/	/	<=30	Pass
		Inner Full	24.10	/	/	23.48	/	/	<=30	Pass
		Inner 1RB Left	24.00	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Right	24.04	/	/	23.42	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	21.85	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	22.02	/	/	<=30	Pass
		Outer Full	23.25	/	/	22.63	/	/	<=30	Pass
		Inner Full	23.26	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Right	23.55	/	/	22.93	/	/	<=30	Pass
	3840	Edge 1RB Left	22.82	/	/	22.20	/	/	<=30	Pass
		Edge 1RB Right	22.47	/	/	21.85	/	/	<=30	Pass
		Outer Full	23.57	/	/	22.95	/	/	<=30	Pass
		Inner Full	23.64	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Left	23.87	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	23.50	/	/	22.88	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.73	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	21.11	/	/	<=30	Pass
		Outer Full	22.63	/	/	22.01	/	/	<=30	Pass
		Inner Full	22.63	/	/	22.01	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	22.02	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	22.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge 1RB Left	20.48	/	/	19.86	/	/	<=30	Pass
		Edge 1RB Right	21.24	/	/	20.62	/	/	<=30	Pass
		Outer Full	21.20	/	/	20.58	/	/	<=30	Pass
		Inner Full	21.18	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Left	20.47	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Right	21.20	/	/	20.58	/	/	<=30	Pass
	3840	Edge 1RB Left	21.44	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	21.09	/	/	20.47	/	/	<=30	Pass

		Outer_Full	21.64	/	/	21.02	/	/	<=30	Pass
		Inner_Full	21.50	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	20.51	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	20.24	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	19.70	/	/	<=30	Pass
		Outer_Full	20.64	/	/	20.02	/	/	<=30	Pass
		Inner_Full	20.54	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Right	20.27	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Left	21.78	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	21.94	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Outer_Full	22.71	/	/	22.09	/	/	<=30	Pass
		Inner_Full	24.27	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	24.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.75	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	21.81	/	/	<=30	Pass
		Outer_Full	23.16	/	/	22.54	/	/	<=30	Pass
		Inner_Full	24.67	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	23.98	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.58	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	20.98	/	/	<=30	Pass
		Outer_Full	22.09	/	/	21.47	/	/	<=30	Pass
		Inner_Full	23.62	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	23.05	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	21.89	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	22.04	/	/	<=30	Pass
		Outer_Full	22.71	/	/	22.09	/	/	<=30	Pass
		Inner_Full	23.77	/	/	23.15	/	/	<=30	Pass
	3840	Inner_1RB_Left	23.50	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Left	22.91	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	21.93	/	/	<=30	Pass
	3964.98	Outer_Full	23.11	/	/	22.49	/	/	<=30	Pass
		Inner_Full	24.16	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	23.48	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	21.77	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.10	/	/	<=30	Pass
		Outer_Full	22.15	/	/	21.53	/	/	<=30	Pass
		Inner_Full	23.12	/	/	22.50	/	/	<=30	Pass
	3840	Inner_1RB_Left	23.58	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	22.98	/	/	<=30	Pass
		Edge_1RB_Left	21.87	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	21.98	/	/	<=30	Pass
		Outer_Full	22.26	/	/	21.64	/	/	<=30	Pass
		Inner_Full	22.26	/	/	21.64	/	/	<=30	Pass
	3715.02	Inner_1RB_Left	21.92	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	22.04	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.83	/	/	22.21	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	22.59	/	/	21.97	/	/	<=30	Pass
		Outer Full	22.64	/	/	22.02	/	/	<=30	Pass
		Inner Full	22.64	/	/	22.02	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	22.57	/	/	21.95	/	/	<=30	Pass
	3964.98	Edge 1RB Left	21.61	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	21.69	/	/	21.07	/	/	<=30	Pass
		Outer Full	21.64	/	/	21.02	/	/	<=30	Pass
		Inner Full	21.65	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	21.68	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Right	21.71	/	/	21.09	/	/	<=30	Pass
	3715.02	Edge 1RB Left	18.45	/	/	17.83	/	/	<=30	Pass
		Edge 1RB Right	19.18	/	/	18.56	/	/	<=30	Pass
		Outer Full	19.26	/	/	18.64	/	/	<=30	Pass
		Inner Full	19.29	/	/	18.67	/	/	<=30	Pass
		Inner 1RB Left	18.45	/	/	17.83	/	/	<=30	Pass
		Inner 1RB Right	19.17	/	/	18.55	/	/	<=30	Pass
	3840	Edge 1RB Left	19.45	/	/	18.83	/	/	<=30	Pass
		Edge 1RB Right	19.08	/	/	18.46	/	/	<=30	Pass
		Outer Full	19.68	/	/	19.06	/	/	<=30	Pass
		Inner Full	19.64	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Left	19.46	/	/	18.84	/	/	<=30	Pass
	3964.98	Inner 1RB Right	19.08	/	/	18.46	/	/	<=30	Pass
		Edge 1RB Left	18.28	/	/	17.66	/	/	<=30	Pass
		Edge 1RB Right	18.31	/	/	17.69	/	/	<=30	Pass
		Outer Full	18.63	/	/	18.01	/	/	<=30	Pass
		Inner Full	18.65	/	/	18.03	/	/	<=30	Pass
		Inner 1RB Left	18.29	/	/	17.67	/	/	<=30	Pass
		Inner 1RB Right	18.25	/	/	17.63	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.62dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 30_S_40M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 40MHz 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	3720	Edge 1RB Left	22.03	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	22.03	/	/	<=30	Pass
		Outer Full	25.36	/	/	24.74	/	/	<=30	Pass
		Inner Full	25.91	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Left	25.44	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	26.06	/	/	25.44	/	/	<=30	Pass
	3840	Edge 1RB Left	22.81	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	21.64	/	/	<=30	Pass
		Outer Full	25.64	/	/	25.02	/	/	<=30	Pass
		Inner Full	26.11	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Left	26.28	/	/	25.66	/	/	<=30	Pass
		Inner 1RB Right	25.73	/	/	25.11	/	/	<=30	Pass
	3960	Edge 1RB Left	21.29	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	21.63	/	/	21.01	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	24.57	/	/	23.95	/	/	<=30	Pass
		Inner_Full	25.09	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	24.53	/	/	<=30	Pass
	3720	Edge_1RB_Left	21.95	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	21.97	/	/	<=30	Pass
		Outer_Full	24.83	/	/	24.21	/	/	<=30	Pass
		Inner_Full	25.92	/	/	25.30	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.44	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	26.03	/	/	25.41	/	/	<=30	Pass
		Edge_1RB_Left	22.78	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	21.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	25.18	/	/	24.56	/	/	<=30	Pass
		Inner_Full	26.19	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	25.62	/	/	25.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.21	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	21.00	/	/	<=30	Pass
		Outer_Full	24.04	/	/	23.42	/	/	<=30	Pass
		Inner_Full	25.08	/	/	24.46	/	/	<=30	Pass
	3960	Inner_1RB_Left	24.56	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Left	22.20	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	22.21	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.94	/	/	23.32	/	/	<=30	Pass
		Inner_Full	24.88	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	24.52	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.00	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	21.83	/	/	<=30	Pass
		Outer_Full	24.14	/	/	23.52	/	/	<=30	Pass
		Inner_Full	25.12	/	/	24.50	/	/	<=30	Pass
	3960	Inner_1RB_Left	25.30	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Left	21.51	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	21.18	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.05	/	/	22.43	/	/	<=30	Pass
		Inner_Full	24.01	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	23.61	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.14	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	22.14	/	/	<=30	Pass
		Outer_Full	23.34	/	/	22.72	/	/	<=30	Pass
		Inner_Full	23.43	/	/	22.81	/	/	<=30	Pass
	3960	Inner_1RB_Left	23.14	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Left	22.94	/	/	22.32	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	21.69	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.56	/	/	22.94	/	/	<=30	Pass
		Inner_Full	23.61	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	22.69	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.34	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right								
		Outer_Full								
		Inner_Full								
	3960	Inner_1RB_Left								
		Inner_1RB_Right								
		Edge_1RB_Left								
		Edge_1RB_Right								

DFT-s-OFDM 256 QAM		Edge 1RB Right	21.76	/	/	21.14	/	/	<=30	Pass
		Outer Full	22.54	/	/	21.92	/	/	<=30	Pass
		Inner Full	22.47	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Left	22.63	/	/	22.01	/	/	<=30	Pass
		Inner 1RB Right	22.84	/	/	22.22	/	/	<=30	Pass
	3720	Edge 1RB Left	20.75	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	21.36	/	/	20.74	/	/	<=30	Pass
		Outer Full	21.42	/	/	20.80	/	/	<=30	Pass
		Inner Full	21.35	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Left	20.78	/	/	20.16	/	/	<=30	Pass
	3840	Inner 1RB Right	21.36	/	/	20.74	/	/	<=30	Pass
		Edge 1RB Left	21.53	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	20.35	/	/	<=30	Pass
		Outer Full	21.56	/	/	20.94	/	/	<=30	Pass
		Inner Full	21.55	/	/	20.93	/	/	<=30	Pass
CP-OFDM QPSK		Inner 1RB Left	21.54	/	/	20.92	/	/	<=30	Pass
		Inner 1RB Right	20.93	/	/	20.31	/	/	<=30	Pass
	3720	Edge 1RB Left	19.96	/	/	19.34	/	/	<=30	Pass
		Edge 1RB Right	20.29	/	/	19.67	/	/	<=30	Pass
		Outer Full	20.52	/	/	19.90	/	/	<=30	Pass
	3840	Inner Full	20.56	/	/	19.94	/	/	<=30	Pass
		Inner 1RB Left	19.97	/	/	19.35	/	/	<=30	Pass
		Inner 1RB Right	20.27	/	/	19.65	/	/	<=30	Pass
	3960	Edge 1RB Left	22.09	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	22.06	/	/	<=30	Pass
		Outer Full	22.87	/	/	22.25	/	/	<=30	Pass
		Inner Full	24.38	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Left	24.11	/	/	23.49	/	/	<=30	Pass
CP-OFDM 16 QAM		Inner 1RB Right	24.69	/	/	24.07	/	/	<=30	Pass
	3720	Edge 1RB Left	22.88	/	/	22.26	/	/	<=30	Pass
		Edge 1RB Right	22.22	/	/	21.60	/	/	<=30	Pass
		Outer Full	23.16	/	/	22.54	/	/	<=30	Pass
		Inner Full	24.61	/	/	23.99	/	/	<=30	Pass
	3840	Inner 1RB Left	24.86	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Right	24.17	/	/	23.55	/	/	<=30	Pass
	3960	Edge 1RB Left	21.41	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	21.72	/	/	21.10	/	/	<=30	Pass
		Outer Full	22.06	/	/	21.44	/	/	<=30	Pass
		Inner Full	23.57	/	/	22.95	/	/	<=30	Pass
		Inner 1RB Left	23.07	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Right	23.45	/	/	22.83	/	/	<=30	Pass
		Edge 1RB Left	22.18	/	/	21.56	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	22.11	/	/	<=30	Pass
		Outer Full	22.88	/	/	22.26	/	/	<=30	Pass
		Inner Full	23.98	/	/	23.36	/	/	<=30	Pass
	3720	Inner 1RB Left	23.45	/	/	22.83	/	/	<=30	Pass
		Inner 1RB Right	24.01	/	/	23.39	/	/	<=30	Pass
	3840	Edge 1RB Left	23.02	/	/	22.40	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	21.73	/	/	<=30	Pass
		Outer Full	23.18	/	/	22.56	/	/	<=30	Pass
		Inner Full	24.21	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Left	24.65	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Right	24.08	/	/	23.46	/	/	<=30	Pass

	3960	Edge_1RB_Left	21.34	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.10	/	/	<=30	Pass
		Outer_Full	22.05	/	/	21.43	/	/	<=30	Pass
		Inner_Full	23.17	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	22.68	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.15	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	22.13	/	/	<=30	Pass
		Outer_Full	22.38	/	/	21.76	/	/	<=30	Pass
		Inner_Full	22.46	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	22.10	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.92	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	21.71	/	/	<=30	Pass
		Outer_Full	22.66	/	/	22.04	/	/	<=30	Pass
		Inner_Full	22.70	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	21.73	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.45	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	21.12	/	/	<=30	Pass
		Outer_Full	21.57	/	/	20.95	/	/	<=30	Pass
		Inner_Full	21.64	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	21.18	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	18.71	/	/	18.09	/	/	<=30	Pass
		Edge_1RB_Right	19.28	/	/	18.66	/	/	<=30	Pass
		Outer_Full	19.41	/	/	18.79	/	/	<=30	Pass
		Inner_Full	19.39	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	18.76	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Right	19.29	/	/	18.67	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.51	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	18.29	/	/	<=30	Pass
		Outer_Full	19.67	/	/	19.05	/	/	<=30	Pass
		Inner_Full	19.67	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	18.97	/	/	18.35	/	/	<=30	Pass
	3960	Edge_1RB_Left	18.01	/	/	17.39	/	/	<=30	Pass
		Edge_1RB_Right	18.34	/	/	17.72	/	/	<=30	Pass
		Outer_Full	18.61	/	/	17.99	/	/	<=30	Pass
		Inner_Full	18.59	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Left	17.97	/	/	17.35	/	/	<=30	Pass
		Inner_1RB_Right	18.27	/	/	17.65	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 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	3730.02	Edge_1RB_Left	21.65	/	/	21.03	/	/	<=30	Pass

BPSK		Edge 1RB Right	22.05	/	/	21.43	/	/	<=30	Pass
		Outer Full	25.18	/	/	24.56	/	/	<=30	Pass
		Inner Full	25.76	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Left	25.06	/	/	24.44	/	/	<=30	Pass
	3840	Inner 1RB Right	25.47	/	/	24.85	/	/	<=30	Pass
		Edge 1RB Left	22.35	/	/	21.73	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	20.90	/	/	<=30	Pass
		Outer Full	25.34	/	/	24.72	/	/	<=30	Pass
	3949.98	Inner Full	25.92	/	/	25.30	/	/	<=30	Pass
		Inner 1RB Left	25.78	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Right	25.03	/	/	24.41	/	/	<=30	Pass
		Edge 1RB Left	21.53	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	21.30	/	/	20.68	/	/	<=30	Pass
		Outer Full	24.28	/	/	23.66	/	/	<=30	Pass
		Inner Full	24.73	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Left	25.04	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	24.74	/	/	24.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	21.61	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	21.42	/	/	<=30	Pass
		Outer Full	24.64	/	/	24.02	/	/	<=30	Pass
		Inner Full	25.71	/	/	25.09	/	/	<=30	Pass
	3840	Inner 1RB Left	24.98	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Right	25.44	/	/	24.82	/	/	<=30	Pass
		Edge 1RB Left	22.32	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	21.51	/	/	20.89	/	/	<=30	Pass
	3949.98	Outer Full	24.80	/	/	24.18	/	/	<=30	Pass
		Inner Full	25.92	/	/	25.30	/	/	<=30	Pass
		Inner 1RB Left	25.65	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	24.88	/	/	24.26	/	/	<=30	Pass
		Edge 1RB Left	21.50	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	20.59	/	/	<=30	Pass
		Outer Full	23.76	/	/	23.14	/	/	<=30	Pass
		Inner Full	24.71	/	/	24.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Inner 1RB Left	24.88	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Right	24.62	/	/	24.00	/	/	<=30	Pass
		Edge 1RB Left	21.67	/	/	21.05	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	21.47	/	/	<=30	Pass
	3840	Outer Full	23.65	/	/	23.03	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Left	24.11	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Right	24.60	/	/	23.98	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.41	/	/	21.79	/	/	<=30	Pass
		Edge 1RB Right	21.66	/	/	21.04	/	/	<=30	Pass
		Outer Full	23.82	/	/	23.20	/	/	<=30	Pass
		Inner Full	24.87	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	24.20	/	/	<=30	Pass
		Inner 1RB Right	24.15	/	/	23.53	/	/	<=30	Pass
		Edge 1RB Left	21.58	/	/	20.96	/	/	<=30	Pass
		Edge 1RB Right	21.26	/	/	20.64	/	/	<=30	Pass
		Outer Full	22.78	/	/	22.16	/	/	<=30	Pass
		Inner Full	23.68	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Left	24.04	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Right	23.82	/	/	23.20	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	21.88	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	21.67	/	/	<=30	Pass
		Outer_Full	23.17	/	/	22.55	/	/	<=30	Pass
		Inner_Full	23.25	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	22.78	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.60	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	21.16	/	/	<=30	Pass
		Outer_Full	23.34	/	/	22.72	/	/	<=30	Pass
		Inner_Full	23.43	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	22.29	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	21.75	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	20.86	/	/	<=30	Pass
		Outer_Full	22.29	/	/	21.67	/	/	<=30	Pass
		Inner_Full	22.16	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	21.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	20.39	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	20.14	/	/	<=30	Pass
		Outer_Full	21.22	/	/	20.60	/	/	<=30	Pass
		Inner_Full	21.31	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	20.39	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	20.17	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.03	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	19.66	/	/	<=30	Pass
		Outer_Full	21.38	/	/	20.76	/	/	<=30	Pass
		Inner_Full	21.51	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	21.04	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	20.23	/	/	19.61	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	20.32	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	19.40	/	/	<=30	Pass
		Outer_Full	20.27	/	/	19.65	/	/	<=30	Pass
		Inner_Full	20.25	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Right	20.00	/	/	19.38	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	21.70	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	21.43	/	/	<=30	Pass
		Outer_Full	22.63	/	/	22.01	/	/	<=30	Pass
		Inner_Full	24.28	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	23.43	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.48	/	/	21.86	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	21.00	/	/	<=30	Pass
		Outer_Full	22.81	/	/	22.19	/	/	<=30	Pass
		Inner_Full	24.47	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	22.90	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	21.61	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	20.66	/	/	<=30	Pass
		Outer_Full	21.72	/	/	21.10	/	/	<=30	Pass
		Inner_Full	23.18	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	23.02	/	/	<=30	Pass

CP-OFDM 16 QAM	3730.02	Inner 1RB Right	23.25	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Left	21.62	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	21.40	/	/	<=30	Pass
		Outer Full	22.70	/	/	22.08	/	/	<=30	Pass
		Inner Full	23.76	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Left	23.23	/	/	22.61	/	/	<=30	Pass
	3840	Inner 1RB Right	23.56	/	/	22.94	/	/	<=30	Pass
		Edge 1RB Left	22.40	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	21.61	/	/	20.99	/	/	<=30	Pass
		Outer Full	22.78	/	/	22.16	/	/	<=30	Pass
		Inner Full	23.95	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Left	23.89	/	/	23.27	/	/	<=30	Pass
	3949.98	Inner 1RB Right	23.20	/	/	22.58	/	/	<=30	Pass
		Edge 1RB Left	21.63	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	21.25	/	/	20.63	/	/	<=30	Pass
		Outer Full	21.79	/	/	21.17	/	/	<=30	Pass
		Inner Full	22.71	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Left	23.21	/	/	22.59	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Inner 1RB Right	22.77	/	/	22.15	/	/	<=30	Pass
		Edge 1RB Left	21.84	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	21.59	/	/	<=30	Pass
		Outer Full	22.19	/	/	21.57	/	/	<=30	Pass
		Inner Full	22.22	/	/	21.60	/	/	<=30	Pass
		Inner 1RB Left	21.87	/	/	21.25	/	/	<=30	Pass
	3840	Inner 1RB Right	22.27	/	/	21.65	/	/	<=30	Pass
		Edge 1RB Left	22.47	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	21.03	/	/	<=30	Pass
		Outer Full	22.35	/	/	21.73	/	/	<=30	Pass
		Inner Full	22.42	/	/	21.80	/	/	<=30	Pass
		Inner 1RB Left	22.58	/	/	21.96	/	/	<=30	Pass
	3949.98	Inner 1RB Right	21.69	/	/	21.07	/	/	<=30	Pass
		Edge 1RB Left	21.72	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Right	21.40	/	/	20.78	/	/	<=30	Pass
		Outer Full	21.28	/	/	20.66	/	/	<=30	Pass
		Inner Full	21.22	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Left	21.72	/	/	21.10	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Inner 1RB Right	21.42	/	/	20.80	/	/	<=30	Pass
		Edge 1RB Left	18.35	/	/	17.73	/	/	<=30	Pass
		Edge 1RB Right	18.73	/	/	18.11	/	/	<=30	Pass
		Outer Full	19.18	/	/	18.56	/	/	<=30	Pass
		Inner Full	19.32	/	/	18.70	/	/	<=30	Pass
		Inner 1RB Left	18.35	/	/	17.73	/	/	<=30	Pass
	3840	Inner 1RB Right	18.75	/	/	18.13	/	/	<=30	Pass
		Edge 1RB Left	19.07	/	/	18.45	/	/	<=30	Pass
		Edge 1RB Right	18.25	/	/	17.63	/	/	<=30	Pass
		Outer Full	19.42	/	/	18.80	/	/	<=30	Pass
		Inner Full	19.52	/	/	18.90	/	/	<=30	Pass
		Inner 1RB Left	19.06	/	/	18.44	/	/	<=30	Pass
	3949.98	Inner 1RB Right	18.22	/	/	17.60	/	/	<=30	Pass
		Edge 1RB Left	18.21	/	/	17.59	/	/	<=30	Pass
		Edge 1RB Right	17.94	/	/	17.32	/	/	<=30	Pass
		Outer Full	18.33	/	/	17.71	/	/	<=30	Pass
		Inner Full	18.25	/	/	17.63	/	/	<=30	Pass



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		Inner_1RB_Left	18.28	/	/	17.66	/	/	<=30	Pass
		Inner_1RB_Right	17.93	/	/	17.31	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 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	21.47	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	21.39	/	/	<=30	Pass
		Outer_Full	25.03	/	/	24.41	/	/	<=30	Pass
		Inner_Full	25.66	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	25.43	/	/	24.81	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.28	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	20.79	/	/	<=30	Pass
		Outer_Full	25.15	/	/	24.53	/	/	<=30	Pass
		Inner_Full	25.78	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	25.67	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	24.27	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.74	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	20.53	/	/	<=30	Pass
		Outer_Full	24.27	/	/	23.65	/	/	<=30	Pass
		Inner_Full	24.64	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	24.00	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	21.49	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	21.44	/	/	<=30	Pass
		Outer_Full	24.50	/	/	23.88	/	/	<=30	Pass
		Inner_Full	25.62	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	25.48	/	/	24.86	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.25	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	20.79	/	/	<=30	Pass
		Outer_Full	24.60	/	/	23.98	/	/	<=30	Pass
		Inner_Full	25.82	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	24.14	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.65	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	20.52	/	/	<=30	Pass
		Outer_Full	23.82	/	/	23.20	/	/	<=30	Pass
		Inner_Full	24.65	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	23.92	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	21.66	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	21.65	/	/	<=30	Pass
		Outer_Full	23.51	/	/	22.89	/	/	<=30	Pass
		Inner_Full	24.69	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	23.37	/	/	<=30	Pass

	3840	Inner 1RB Right	24.50	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Left	22.46	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	21.11	/	/	<=30	Pass
		Outer Full	23.62	/	/	23.00	/	/	<=30	Pass
		Inner Full	24.76	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	24.11	/	/	<=30	Pass
	3939.99	Inner 1RB Right	23.90	/	/	23.28	/	/	<=30	Pass
		Edge 1RB Left	21.96	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Right	21.45	/	/	20.83	/	/	<=30	Pass
		Outer Full	22.79	/	/	22.17	/	/	<=30	Pass
		Inner Full	23.64	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Left	24.18	/	/	23.56	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Inner 1RB Right	23.64	/	/	23.02	/	/	<=30	Pass
		Edge 1RB Left	21.54	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	21.63	/	/	<=30	Pass
		Outer Full	23.05	/	/	22.43	/	/	<=30	Pass
		Inner Full	23.18	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Left	22.53	/	/	21.91	/	/	<=30	Pass
	3840	Inner 1RB Right	23.26	/	/	22.64	/	/	<=30	Pass
		Edge 1RB Left	22.36	/	/	21.74	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	20.96	/	/	<=30	Pass
		Outer Full	23.19	/	/	22.57	/	/	<=30	Pass
		Inner Full	23.29	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Left	23.30	/	/	22.68	/	/	<=30	Pass
	3939.99	Inner 1RB Right	22.44	/	/	21.82	/	/	<=30	Pass
		Edge 1RB Left	21.91	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Right	21.29	/	/	20.67	/	/	<=30	Pass
		Outer Full	22.33	/	/	21.71	/	/	<=30	Pass
		Inner Full	22.14	/	/	21.52	/	/	<=30	Pass
		Inner 1RB Left	22.76	/	/	22.14	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Inner 1RB Right	22.29	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Left	20.22	/	/	19.60	/	/	<=30	Pass
		Edge 1RB Right	20.74	/	/	20.12	/	/	<=30	Pass
		Outer Full	21.04	/	/	20.42	/	/	<=30	Pass
		Inner Full	21.17	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Left	20.22	/	/	19.60	/	/	<=30	Pass
	3840	Inner 1RB Right	20.82	/	/	20.20	/	/	<=30	Pass
		Edge 1RB Left	21.01	/	/	20.39	/	/	<=30	Pass
		Edge 1RB Right	20.20	/	/	19.58	/	/	<=30	Pass
		Outer Full	21.14	/	/	20.52	/	/	<=30	Pass
		Inner Full	21.32	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	20.98	/	/	20.36	/	/	<=30	Pass
	3939.99	Inner 1RB Right	20.19	/	/	19.57	/	/	<=30	Pass
		Edge 1RB Left	20.44	/	/	19.82	/	/	<=30	Pass
		Edge 1RB Right	19.96	/	/	19.34	/	/	<=30	Pass
		Outer Full	20.28	/	/	19.66	/	/	<=30	Pass
		Inner Full	20.15	/	/	19.53	/	/	<=30	Pass
		Inner 1RB Left	20.46	/	/	19.84	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Inner 1RB Right	19.86	/	/	19.24	/	/	<=30	Pass
		Edge 1RB Left	21.54	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	21.56	/	/	<=30	Pass
		Outer Full	22.51	/	/	21.89	/	/	<=30	Pass
		Inner Full	24.12	/	/	23.50	/	/	<=30	Pass

		Inner_1RB_Left	23.61	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	23.49	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.32	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	20.92	/	/	<=30	Pass
		Outer_Full	22.62	/	/	22.00	/	/	<=30	Pass
		Inner_Full	24.27	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	22.75	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.76	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	20.60	/	/	<=30	Pass
		Outer_Full	21.78	/	/	21.16	/	/	<=30	Pass
		Inner_Full	23.19	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	22.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	21.66	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	21.68	/	/	<=30	Pass
		Outer_Full	22.55	/	/	21.93	/	/	<=30	Pass
		Inner_Full	23.63	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.27	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.40	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	20.98	/	/	<=30	Pass
		Outer_Full	22.62	/	/	22.00	/	/	<=30	Pass
		Inner_Full	23.78	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	22.53	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.88	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	20.72	/	/	<=30	Pass
		Outer_Full	21.80	/	/	21.18	/	/	<=30	Pass
		Inner_Full	22.61	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	22.35	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	21.65	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.09	/	/	21.47	/	/	<=30	Pass
		Inner_Full	22.13	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	22.17	/	/	21.55	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.37	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	20.94	/	/	<=30	Pass
		Outer_Full	22.13	/	/	21.51	/	/	<=30	Pass
		Inner_Full	22.31	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	20.92	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.76	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	20.66	/	/	<=30	Pass
		Outer_Full	21.30	/	/	20.68	/	/	<=30	Pass
		Inner_Full	21.15	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	20.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	18.21	/	/	17.59	/	/	<=30	Pass
		Edge_1RB_Right	18.83	/	/	18.21	/	/	<=30	Pass
		Outer_Full	19.07	/	/	18.45	/	/	<=30	Pass

		Inner_Full	19.18	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Left	18.18	/	/	17.56	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	18.22	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.97	/	/	18.35	/	/	<=30	Pass
		Edge_1RB_Right	18.12	/	/	17.50	/	/	<=30	Pass
		Outer_Full	19.19	/	/	18.57	/	/	<=30	Pass
		Inner_Full	19.28	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	18.36	/	/	<=30	Pass
		Inner_1RB_Right	18.12	/	/	17.50	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	18.46	/	/	17.84	/	/	<=30	Pass
		Edge_1RB_Right	17.87	/	/	17.25	/	/	<=30	Pass
		Outer_Full	18.31	/	/	17.69	/	/	<=30	Pass
		Inner_Full	18.12	/	/	17.50	/	/	<=30	Pass
		Inner_1RB_Left	18.46	/	/	17.84	/	/	<=30	Pass
		Inner_1RB_Right	17.88	/	/	17.26	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 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	21.54	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.14	/	/	21.52	/	/	<=30	Pass
		Outer Full	25.16	/	/	24.54	/	/	<=30	Pass
		Inner Full	25.62	/	/	25.00	/	/	<=30	Pass
		Inner 1RB Left	24.89	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Right	25.54	/	/	24.92	/	/	<=30	Pass
	3840	Edge 1RB Left	22.21	/	/	21.59	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	21.25	/	/	<=30	Pass
		Outer Full	25.11	/	/	24.49	/	/	<=30	Pass
		Inner Full	25.77	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	25.69	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Right	25.23	/	/	24.61	/	/	<=30	Pass
	3930	Edge 1RB Left	21.43	/	/	20.81	/	/	<=30	Pass
		Edge 1RB Right	21.23	/	/	20.61	/	/	<=30	Pass
		Outer Full	24.38	/	/	23.76	/	/	<=30	Pass
		Inner Full	24.82	/	/	24.20	/	/	<=30	Pass
		Inner 1RB Left	24.93	/	/	24.31	/	/	<=30	Pass
		Inner 1RB Right	24.68	/	/	24.06	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	21.42	/	/	20.80	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	21.45	/	/	<=30	Pass
		Outer Full	24.60	/	/	23.98	/	/	<=30	Pass
		Inner Full	25.58	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	24.23	/	/	<=30	Pass
		Inner 1RB Right	25.56	/	/	24.94	/	/	<=30	Pass
	3840	Edge 1RB Left	22.21	/	/	21.59	/	/	<=30	Pass
		Edge 1RB Right	21.78	/	/	21.16	/	/	<=30	Pass
		Outer Full	24.55	/	/	23.93	/	/	<=30	Pass
		Inner Full	25.77	/	/	25.15	/	/	<=30	Pass

		Inner_1RB_Left	25.63	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	24.56	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.37	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	20.58	/	/	<=30	Pass
		Outer_Full	23.87	/	/	23.25	/	/	<=30	Pass
		Inner_Full	24.82	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	24.87	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	24.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	21.60	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	21.62	/	/	<=30	Pass
		Outer_Full	23.53	/	/	22.91	/	/	<=30	Pass
		Inner_Full	24.59	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	24.05	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.38	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	21.30	/	/	<=30	Pass
		Outer_Full	23.57	/	/	22.95	/	/	<=30	Pass
		Inner_Full	24.76	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	23.67	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.64	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	20.75	/	/	<=30	Pass
		Outer_Full	22.92	/	/	22.30	/	/	<=30	Pass
		Inner_Full	23.81	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	23.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	21.57	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	21.58	/	/	<=30	Pass
		Outer_Full	23.07	/	/	22.45	/	/	<=30	Pass
		Inner_Full	23.12	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	22.62	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.34	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	21.31	/	/	<=30	Pass
		Outer_Full	23.10	/	/	22.48	/	/	<=30	Pass
		Inner_Full	23.27	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	22.18	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.50	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	20.70	/	/	<=30	Pass
		Outer_Full	22.37	/	/	21.75	/	/	<=30	Pass
		Inner_Full	22.35	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	21.74	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	20.19	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	20.70	/	/	20.08	/	/	<=30	Pass
		Outer_Full	21.10	/	/	20.48	/	/	<=30	Pass
		Inner_Full	21.15	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	20.19	/	/	19.57	/	/	<=30	Pass
		Inner_1RB_Right	20.74	/	/	20.12	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.91	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	19.89	/	/	<=30	Pass
		Outer_Full	21.12	/	/	20.50	/	/	<=30	Pass

		Inner Full	21.26	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Left	20.89	/	/	20.27	/	/	<=30	Pass
		Inner 1RB Right	20.46	/	/	19.84	/	/	<=30	Pass
	3930	Edge 1RB Left	20.11	/	/	19.49	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	19.31	/	/	<=30	Pass
		Outer Full	20.43	/	/	19.81	/	/	<=30	Pass
		Inner Full	20.30	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Left	20.12	/	/	19.50	/	/	<=30	Pass
		Inner 1RB Right	19.88	/	/	19.26	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge 1RB Left	21.57	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	21.54	/	/	<=30	Pass
		Outer Full	22.64	/	/	22.02	/	/	<=30	Pass
		Inner Full	24.10	/	/	23.48	/	/	<=30	Pass
		Inner 1RB Left	23.59	/	/	22.97	/	/	<=30	Pass
		Inner 1RB Right	24.15	/	/	23.53	/	/	<=30	Pass
	3840	Edge 1RB Left	22.34	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.35	/	/	<=30	Pass
		Outer Full	22.54	/	/	21.92	/	/	<=30	Pass
		Inner Full	24.27	/	/	23.65	/	/	<=30	Pass
		Inner 1RB Left	24.39	/	/	23.77	/	/	<=30	Pass
		Inner 1RB Right	23.85	/	/	23.23	/	/	<=30	Pass
	3930	Edge 1RB Left	21.59	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	21.29	/	/	20.67	/	/	<=30	Pass
		Outer Full	21.89	/	/	21.27	/	/	<=30	Pass
		Inner Full	23.24	/	/	22.62	/	/	<=30	Pass
		Inner 1RB Left	23.56	/	/	22.94	/	/	<=30	Pass
		Inner 1RB Right	23.33	/	/	22.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge 1RB Left	21.54	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	21.57	/	/	<=30	Pass
		Outer Full	22.54	/	/	21.92	/	/	<=30	Pass
		Inner Full	23.69	/	/	23.07	/	/	<=30	Pass
		Inner 1RB Left	23.00	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Right	23.56	/	/	22.94	/	/	<=30	Pass
	3840	Edge 1RB Left	22.29	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	21.84	/	/	21.22	/	/	<=30	Pass
		Outer Full	22.58	/	/	21.96	/	/	<=30	Pass
		Inner Full	23.78	/	/	23.16	/	/	<=30	Pass
		Inner 1RB Left	24.07	/	/	23.45	/	/	<=30	Pass
		Inner 1RB Right	23.76	/	/	23.14	/	/	<=30	Pass
	3930	Edge 1RB Left	21.53	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	21.31	/	/	20.69	/	/	<=30	Pass
		Outer Full	21.93	/	/	21.31	/	/	<=30	Pass
		Inner Full	22.82	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Left	23.14	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	22.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge 1RB Left	21.60	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	21.61	/	/	<=30	Pass
		Outer Full	22.03	/	/	21.41	/	/	<=30	Pass
		Inner Full	22.17	/	/	21.55	/	/	<=30	Pass
		Inner 1RB Left	21.64	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Right	22.24	/	/	21.62	/	/	<=30	Pass
	3840	Edge 1RB Left	22.37	/	/	21.75	/	/	<=30	Pass
		Edge 1RB Right	21.93	/	/	21.31	/	/	<=30	Pass

		Outer_Full	22.07	/	/	21.45	/	/	<=30	Pass
		Inner_Full	22.27	/	/	21.65	/	/	<=30	Pass
CP-OFDM 256 QAM	3930	Inner_1RB_Left	22.38	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Left	21.58	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	20.73	/	/	<=30	Pass
		Outer_Full	21.37	/	/	20.75	/	/	<=30	Pass
		Inner_Full	21.29	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	20.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.11	/	/	17.49	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	18.13	/	/	<=30	Pass
		Outer_Full	19.11	/	/	18.49	/	/	<=30	Pass
		Inner_Full	19.24	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	18.13	/	/	17.51	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	18.19	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.88	/	/	18.26	/	/	<=30	Pass
		Edge_1RB_Right	18.48	/	/	17.86	/	/	<=30	Pass
		Outer_Full	19.11	/	/	18.49	/	/	<=30	Pass
		Inner_Full	19.24	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	18.89	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Right	18.44	/	/	17.82	/	/	<=30	Pass
	3930	Edge_1RB_Left	18.11	/	/	17.49	/	/	<=30	Pass
		Edge_1RB_Right	17.81	/	/	17.19	/	/	<=30	Pass
		Outer_Full	18.42	/	/	17.80	/	/	<=30	Pass
		Inner_Full	18.33	/	/	17.71	/	/	<=30	Pass
		Inner_1RB_Left	18.13	/	/	17.51	/	/	<=30	Pass
		Inner_1RB_Right	17.82	/	/	17.20	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.62dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 30_M_20M_NTNV_EIRP

5G NR n77a SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3710.01	Edge_1RB_Left	17.87	20.26	22.24	17.25	19.64	21.62	<=30	Pass
		Edge_1RB_Right	18.54	20.63	22.72	17.92	20.01	22.10	<=30	Pass
		Outer_Full	18.89	20.81	22.97	18.27	20.19	22.35	<=30	Pass
		Inner_Full	18.75	20.80	22.91	18.13	20.18	22.29	<=30	Pass
		Inner_1RB_Left	18.39	20.67	22.69	17.77	20.05	22.07	<=30	Pass
		Inner_1RB_Right	19.01	20.98	23.12	18.39	20.36	22.50	<=30	Pass
	3840	Edge_1RB_Left	19.00	20.64	22.91	18.38	20.02	22.29	<=30	Pass
		Edge_1RB_Right	18.73	20.35	22.63	18.11	19.73	22.01	<=30	Pass
		Outer_Full	19.38	20.88	23.20	18.76	20.26	22.58	<=30	Pass
		Inner_Full	19.38	20.90	23.22	18.76	20.28	22.60	<=30	Pass
		Inner_1RB_Left	19.46	21.07	23.35	18.84	20.45	22.73	<=30	Pass
		Inner_1RB_Right	19.23	20.85	23.13	18.61	20.23	22.51	<=30	Pass
	3969.99	Edge_1RB_Left	17.76	20.55	22.39	17.14	19.93	21.77	<=30	Pass
		Edge_1RB_Right	17.88	20.56	22.43	17.26	19.94	21.81	<=30	Pass
		Outer_Full	18.31	21.09	22.93	17.69	20.47	22.31	<=30	Pass

CP-OFDM 16 QAM		Inner Full	18.15	20.95	22.78	17.53	20.33	22.16	<=30	Pass
		Inner 1RB Left	18.26	21.12	22.94	17.64	20.50	22.31	<=30	Pass
		Inner 1RB Right	18.33	21.09	22.93	17.71	20.47	22.32	<=30	Pass
	3710.01	Edge 1RB Left	17.82	20.55	22.41	17.20	19.93	21.79	<=30	Pass
		Edge 1RB Right	18.47	20.65	22.70	17.85	20.03	22.09	<=30	Pass
		Outer Full	18.76	20.78	22.90	18.14	20.16	22.28	<=30	Pass
		Inner Full	18.81	20.71	22.87	18.19	20.09	22.25	<=30	Pass
		Inner 1RB Left	18.55	20.97	22.93	17.93	20.35	22.32	<=30	Pass
		Inner 1RB Right	19.00	21.30	23.31	18.38	20.68	22.69	<=30	Pass
	3840	Edge 1RB Left	18.86	20.83	22.97	18.24	20.21	22.35	<=30	Pass
		Edge 1RB Right	18.65	20.55	22.71	18.03	19.93	22.09	<=30	Pass
		Outer Full	19.41	20.91	23.24	18.79	20.29	22.61	<=30	Pass
		Inner Full	19.46	20.93	23.27	18.84	20.31	22.65	<=30	Pass
		Inner 1RB Left	19.49	21.33	23.52	18.87	20.71	22.90	<=30	Pass
		Inner 1RB Right	19.27	21.15	23.32	18.65	20.53	22.70	<=30	Pass
	3969.99	Edge 1RB Left	17.67	20.90	22.59	17.05	20.28	21.97	<=30	Pass
		Edge 1RB Right	17.74	20.72	22.49	17.12	20.10	21.87	<=30	Pass
		Outer Full	18.32	21.02	22.89	17.70	20.40	22.27	<=30	Pass
		Inner Full	18.36	20.98	22.87	17.74	20.36	22.25	<=30	Pass
		Inner 1RB Left	18.37	21.31	23.09	17.75	20.69	22.47	<=30	Pass
		Inner 1RB Right	18.27	21.52	23.20	17.65	20.90	22.58	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	17.61	20.05	22.01	16.99	19.43	21.39	<=30	Pass
		Edge 1RB Right	18.30	20.45	22.51	17.68	19.83	21.90	<=30	Pass
		Outer Full	18.25	20.27	22.39	17.63	19.65	21.77	<=30	Pass
		Inner Full	18.24	20.24	22.37	17.62	19.62	21.74	<=30	Pass
		Inner 1RB Left	17.77	20.11	22.11	17.15	19.49	21.49	<=30	Pass
		Inner 1RB Right	18.34	20.37	22.48	17.72	19.75	21.86	<=30	Pass
	3840	Edge 1RB Left	18.78	20.60	22.80	18.16	19.98	22.17	<=30	Pass
		Edge 1RB Right	18.54	20.41	22.58	17.92	19.79	21.97	<=30	Pass
		Outer Full	18.83	20.47	22.74	18.21	19.85	22.12	<=30	Pass
		Inner Full	18.76	20.45	22.70	18.14	19.83	22.08	<=30	Pass
		Inner 1RB Left	18.75	20.61	22.79	18.13	19.99	22.17	<=30	Pass
		Inner 1RB Right	18.57	20.31	22.54	17.95	19.69	21.92	<=30	Pass
	3969.99	Edge 1RB Left	17.47	20.51	22.26	16.85	19.89	21.64	<=30	Pass
		Edge 1RB Right	17.64	20.51	22.32	17.02	19.89	21.70	<=30	Pass
		Outer Full	17.78	20.55	22.39	17.16	19.93	21.77	<=30	Pass
		Inner Full	17.79	20.56	22.40	17.17	19.94	21.78	<=30	Pass
		Inner 1RB Left	17.52	20.50	22.27	16.90	19.88	21.65	<=30	Pass
		Inner 1RB Right	17.57	20.54	22.31	16.95	19.92	21.69	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge 1RB Left	14.93	17.18	19.21	14.31	16.56	18.59	<=30	Pass
		Edge 1RB Right	15.62	17.51	19.68	15.00	16.89	19.06	<=30	Pass
		Outer Full	15.27	17.26	19.39	14.65	16.64	18.77	<=30	Pass
		Inner Full	15.26	17.34	19.43	14.64	16.72	18.81	<=30	Pass
		Inner 1RB Left	14.97	17.22	19.25	14.35	16.60	18.63	<=30	Pass
		Inner 1RB Right	15.56	17.49	19.64	14.94	16.87	19.02	<=30	Pass
	3840	Edge 1RB Left	16.00	17.55	19.85	15.38	16.93	19.23	<=30	Pass
		Edge 1RB Right	15.80	17.35	19.66	15.18	16.73	19.03	<=30	Pass
		Outer Full	15.89	17.46	19.75	15.27	16.84	19.14	<=30	Pass
		Inner Full	15.90	17.46	19.76	15.28	16.84	19.14	<=30	Pass
		Inner 1RB Left	15.99	17.57	19.86	15.37	16.95	19.24	<=30	Pass
		Inner 1RB Right	15.83	17.40	19.69	15.21	16.78	19.08	<=30	Pass
	3969.99	Edge 1RB Left	14.85	17.56	19.42	14.23	16.94	18.80	<=30	Pass
		Edge 1RB Right	14.75	17.63	19.44	14.13	17.01	18.81	<=30	Pass

	Outer_Full	14.86	17.59	19.45	14.24	16.97	18.83	<=30	Pass
	Inner_Full	14.76	17.51	19.36	14.14	16.89	18.74	<=30	Pass
	Inner_1RB_Left	14.87	17.58	19.44	14.25	16.96	18.82	<=30	Pass
	Inner_1RB_Right	14.76	17.65	19.45	14.14	17.03	18.83	<=30	Pass
Note1: Antenna Gain: Ant1: -0.62dBi; Ant2: -0.62dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2									

1.1.8 30_M_30M_NTNV_EIRP

5G NR n77a SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3715.02	Edge_1RB_Left	17.98	20.35	22.33	17.36	19.73	21.72	<=30	Pass
		Edge_1RB_Right	18.65	20.83	22.89	18.03	20.21	22.27	<=30	Pass
		Outer_Full	18.94	21.00	23.10	18.32	20.38	22.48	<=30	Pass
		Inner_Full	18.96	21.02	23.12	18.34	20.40	22.50	<=30	Pass
		Inner_1RB_Left	18.46	20.89	22.85	17.84	20.27	22.23	<=30	Pass
		Inner_1RB_Right	19.06	21.29	23.33	18.44	20.67	22.71	<=30	Pass
	3840	Edge_1RB_Left	18.93	20.57	22.84	18.31	19.95	22.22	<=30	Pass
		Edge_1RB_Right	18.73	20.42	22.67	18.11	19.80	22.05	<=30	Pass
		Outer_Full	19.43	20.91	23.24	18.81	20.29	22.62	<=30	Pass
		Inner_Full	19.34	20.85	23.17	18.72	20.23	22.55	<=30	Pass
		Inner_1RB_Left	19.53	21.07	23.38	18.91	20.45	22.76	<=30	Pass
		Inner_1RB_Right	19.24	20.93	23.18	18.62	20.31	22.56	<=30	Pass
	3964.98	Edge_1RB_Left	17.98	20.80	22.63	17.36	20.18	22.01	<=30	Pass
		Edge_1RB_Right	17.74	20.51	22.35	17.12	19.89	21.73	<=30	Pass
		Outer_Full	18.39	21.15	23.00	17.77	20.53	22.38	<=30	Pass
		Inner_Full	18.36	21.12	22.96	17.74	20.50	22.35	<=30	Pass
		Inner_1RB_Left	18.31	21.28	23.05	17.69	20.66	22.43	<=30	Pass
		Inner_1RB_Right	18.22	21.09	22.90	17.60	20.47	22.28	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	17.86	20.55	22.42	17.24	19.93	21.80	<=30	Pass
		Edge_1RB_Right	18.58	21.03	22.99	17.96	20.41	22.37	<=30	Pass
		Outer_Full	18.93	20.89	23.03	18.31	20.27	22.41	<=30	Pass
		Inner_Full	19.03	20.98	23.12	18.41	20.36	22.50	<=30	Pass
		Inner_1RB_Left	18.37	20.87	22.81	17.75	20.25	22.19	<=30	Pass
		Inner_1RB_Right	19.18	21.37	23.42	18.56	20.75	22.80	<=30	Pass
	3840	Edge_1RB_Left	18.92	20.90	23.03	18.30	20.28	22.41	<=30	Pass
		Edge_1RB_Right	18.63	20.65	22.77	18.01	20.03	22.15	<=30	Pass
		Outer_Full	19.45	21.01	23.31	18.83	20.39	22.69	<=30	Pass
		Inner_Full	19.33	20.88	23.18	18.71	20.26	22.56	<=30	Pass
		Inner_1RB_Left	19.44	21.34	23.51	18.82	20.72	22.88	<=30	Pass
		Inner_1RB_Right	19.27	21.21	23.36	18.65	20.59	22.74	<=30	Pass
	3964.98	Edge_1RB_Left	17.87	21.06	22.76	17.25	20.44	22.14	<=30	Pass
		Edge_1RB_Right	17.80	20.78	22.55	17.18	20.16	21.93	<=30	Pass
		Outer_Full	18.42	21.10	22.97	17.80	20.48	22.35	<=30	Pass
		Inner_Full	18.33	21.11	22.95	17.71	20.49	22.33	<=30	Pass
		Inner_1RB_Left	18.29	21.51	23.21	17.67	20.89	22.58	<=30	Pass
		Inner_1RB_Right	18.21	21.37	23.08	17.59	20.75	22.46	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	17.60	20.11	22.04	16.98	19.49	21.42	<=30	Pass
		Edge_1RB_Right	18.41	20.60	22.65	17.79	19.98	22.03	<=30	Pass

CP-OFDM 256 QAM		Outer Full	18.46	20.38	22.53	17.84	19.76	21.92	<=30	Pass
		Inner Full	18.49	20.54	22.64	17.87	19.92	22.03	<=30	Pass
		Inner 1RB Left	17.66	20.16	22.10	17.04	19.54	21.48	<=30	Pass
		Inner 1RB Right	18.41	20.58	22.64	17.79	19.96	22.02	<=30	Pass
	3840	Edge 1RB Left	18.73	20.67	22.82	18.11	20.05	22.20	<=30	Pass
		Edge 1RB Right	18.56	20.46	22.62	17.94	19.84	22.00	<=30	Pass
		Outer Full	18.91	20.48	22.77	18.29	19.86	22.16	<=30	Pass
		Inner Full	18.87	20.42	22.73	18.25	19.80	22.10	<=30	Pass
	3964.98	Inner 1RB Left	18.82	20.64	22.84	18.20	20.02	22.21	<=30	Pass
		Inner 1RB Right	18.61	20.47	22.65	17.99	19.85	22.03	<=30	Pass
		Edge 1RB Left	17.65	20.69	22.44	17.03	20.07	21.82	<=30	Pass
		Edge 1RB Right	17.58	20.44	22.25	16.96	19.82	21.63	<=30	Pass
		Outer Full	17.94	20.60	22.48	17.32	19.98	21.86	<=30	Pass
		Inner Full	17.84	20.64	22.47	17.22	20.02	21.85	<=30	Pass
		Inner 1RB Left	17.60	20.67	22.41	16.98	20.05	21.79	<=30	Pass
		Inner 1RB Right	17.56	20.44	22.25	16.94	19.82	21.62	<=30	Pass
	3715.02	Edge 1RB Left	14.93	17.28	19.27	14.31	16.66	18.65	<=30	Pass
		Edge 1RB Right	15.75	17.73	19.86	15.13	17.11	19.24	<=30	Pass
		Outer Full	15.48	17.47	19.60	14.86	16.85	18.98	<=30	Pass
		Inner Full	15.52	17.57	19.67	14.90	16.95	19.06	<=30	Pass
	3840	Inner 1RB Left	14.99	17.23	19.26	14.37	16.61	18.64	<=30	Pass
		Inner 1RB Right	15.74	17.73	19.85	15.12	17.11	19.24	<=30	Pass
		Edge 1RB Left	16.20	17.79	20.08	15.58	17.17	19.46	<=30	Pass
		Edge 1RB Right	15.73	17.24	19.56	15.11	16.62	18.94	<=30	Pass
	3964.98	Outer Full	15.88	17.47	19.76	15.26	16.85	19.14	<=30	Pass
		Inner Full	15.84	17.53	19.78	15.22	16.91	19.16	<=30	Pass
		Inner 1RB Left	15.88	17.61	19.84	15.26	16.99	19.22	<=30	Pass
		Inner 1RB Right	15.71	17.26	19.57	15.09	16.64	18.94	<=30	Pass
		Edge 1RB Left	14.90	17.74	19.56	14.28	17.12	18.94	<=30	Pass
		Edge 1RB Right	14.83	17.63	19.46	14.21	17.01	18.84	<=30	Pass
		Outer Full	14.89	17.66	19.50	14.27	17.04	18.88	<=30	Pass
		Inner Full	14.74	17.66	19.45	14.12	17.04	18.83	<=30	Pass
		Inner 1RB Left	15.00	17.81	19.64	14.38	17.19	19.02	<=30	Pass
		Inner 1RB Right	14.84	17.66	19.49	14.22	17.04	18.87	<=30	Pass

Note1: Antenna Gain: Ant1: -0.62dBi; Ant2: -0.62dBi;

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.9 30_M_40M_NTNV_EIRP

5G NR n77a SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3720	Edge 1RB Left	18.19	20.58	22.56	17.57	19.96	21.94	<=30	Pass
		Edge 1RB Right	18.88	20.71	22.90	18.26	20.09	22.28	<=30	Pass
		Outer Full	19.09	21.08	23.21	18.47	20.46	22.59	<=30	Pass
		Inner Full	19.10	21.01	23.17	18.48	20.39	22.55	<=30	Pass
		Inner 1RB Left	18.67	21.05	23.03	18.05	20.43	22.41	<=30	Pass
		Inner 1RB Right	19.37	21.20	23.39	18.75	20.58	22.77	<=30	Pass
	3840	Edge 1RB Left	19.12	20.88	23.10	18.50	20.26	22.48	<=30	Pass
		Edge 1RB Right	18.66	20.51	22.69	18.04	19.89	22.07	<=30	Pass

		Outer Full	19.48	21.11	23.38	18.86	20.49	22.76	<=30	Pass
		Inner Full	19.50	21.07	23.37	18.88	20.45	22.75	<=30	Pass
		Inner 1RB Left	19.60	21.33	23.56	18.98	20.71	22.94	<=30	Pass
		Inner 1RB Right	19.23	20.96	23.19	18.61	20.34	22.57	<=30	Pass
	3960	Edge 1RB Left	17.71	20.80	22.53	17.09	20.18	21.91	<=30	Pass
		Edge 1RB Right	17.89	20.78	22.58	17.27	20.16	21.96	<=30	Pass
		Outer Full	18.32	21.17	22.98	17.70	20.55	22.37	<=30	Pass
		Inner Full	18.39	21.12	22.98	17.77	20.50	22.36	<=30	Pass
		Inner 1RB Left	18.21	21.30	23.03	17.59	20.68	22.41	<=30	Pass
		Inner 1RB Right	18.46	21.41	23.19	17.84	20.79	22.57	<=30	Pass
		Edge 1RB Left	18.22	20.37	22.43	17.60	19.75	21.82	<=30	Pass
		Edge 1RB Right	18.78	20.50	22.73	18.16	19.88	22.11	<=30	Pass
CP-OFDM 16 QAM	3720	Outer Full	19.07	20.94	23.12	18.45	20.32	22.50	<=30	Pass
		Inner Full	19.10	21.01	23.17	18.48	20.39	22.55	<=30	Pass
		Inner 1RB Left	18.73	20.93	22.98	18.11	20.31	22.36	<=30	Pass
		Inner 1RB Right	19.40	21.31	23.47	18.78	20.69	22.85	<=30	Pass
	3840	Edge 1RB Left	19.11	21.10	23.23	18.49	20.48	22.61	<=30	Pass
		Edge 1RB Right	18.62	20.72	22.81	18.00	20.10	22.19	<=30	Pass
		Outer Full	19.40	21.11	23.35	18.78	20.49	22.73	<=30	Pass
		Inner Full	19.36	21.10	23.33	18.74	20.48	22.71	<=30	Pass
		Inner 1RB Left	19.44	21.53	23.62	18.82	20.91	23.00	<=30	Pass
		Inner 1RB Right	19.04	21.12	23.22	18.42	20.50	22.59	<=30	Pass
	3960	Edge 1RB Left	17.62	21.02	22.65	17.00	20.40	22.03	<=30	Pass
		Edge 1RB Right	17.90	20.99	22.72	17.28	20.37	22.10	<=30	Pass
		Outer Full	18.30	21.21	23.00	17.68	20.59	22.38	<=30	Pass
		Inner Full	18.24	21.21	22.99	17.62	20.59	22.36	<=30	Pass
		Inner 1RB Left	18.45	21.53	23.27	17.83	20.91	22.65	<=30	Pass
		Inner 1RB Right	18.58	21.48	23.28	17.96	20.86	22.66	<=30	Pass
CP-OFDM 64 QAM	3720	Edge 1RB Left	18.01	20.35	22.34	17.39	19.73	21.73	<=30	Pass
		Edge 1RB Right	18.59	20.62	22.73	17.97	20.00	22.11	<=30	Pass
		Outer Full	18.58	20.61	22.72	17.96	19.99	22.10	<=30	Pass
		Inner Full	18.63	20.58	22.73	18.01	19.96	22.10	<=30	Pass
	3840	Inner 1RB Left	17.94	20.37	22.33	17.32	19.75	21.71	<=30	Pass
		Inner 1RB Right	18.51	20.61	22.69	17.89	19.99	22.08	<=30	Pass
		Edge 1RB Left	18.89	20.74	22.93	18.27	20.12	22.30	<=30	Pass
		Edge 1RB Right	18.39	20.34	22.48	17.77	19.72	21.86	<=30	Pass
	3960	Outer Full	18.86	20.49	22.76	18.24	19.87	22.14	<=30	Pass
		Inner Full	18.83	20.68	22.87	18.21	20.06	22.24	<=30	Pass
		Inner 1RB Left	18.82	20.64	22.84	18.20	20.02	22.21	<=30	Pass
		Inner 1RB Right	18.36	20.35	22.48	17.74	19.73	21.86	<=30	Pass
	3960	Edge 1RB Left	17.49	20.75	22.43	16.87	20.13	21.81	<=30	Pass
		Edge 1RB Right	17.68	20.80	22.53	17.06	20.18	21.90	<=30	Pass
		Outer Full	17.75	20.73	22.50	17.13	20.11	21.88	<=30	Pass
		Inner Full	17.77	20.74	22.51	17.15	20.12	21.89	<=30	Pass
CP-OFDM 256 QAM	3720	Inner 1RB Left	17.46	20.72	22.40	16.84	20.10	21.78	<=30	Pass
		Inner 1RB Right	17.75	20.80	22.55	17.13	20.18	21.93	<=30	Pass
		Edge 1RB Left	15.22	17.51	19.52	14.60	16.89	18.90	<=30	Pass
		Edge 1RB Right	15.84	17.75	19.91	15.22	17.13	19.29	<=30	Pass
	3840	Outer Full	15.61	17.61	19.73	14.99	16.99	19.11	<=30	Pass
		Inner Full	15.65	17.51	19.69	15.03	16.89	19.07	<=30	Pass
		Inner 1RB Left	15.26	17.54	19.56	14.64	16.92	18.94	<=30	Pass
		Inner 1RB Right	15.88	17.82	19.97	15.26	17.20	19.35	<=30	Pass
	3840	Edge 1RB Left	16.15	17.92	20.13	15.53	17.30	19.51	<=30	Pass
		Edge 1RB Right	16.15	17.92	20.13	15.53	17.30	19.51	<=30	Pass

		Edge_1RB_Right	15.73	17.54	19.74	15.11	16.92	19.12	<=30	Pass
		Outer_Full	15.90	17.49	19.78	15.28	16.87	19.16	<=30	Pass
		Inner_Full	15.91	17.47	19.77	15.29	16.85	19.15	<=30	Pass
		Inner_1RB_Left	16.15	17.90	20.12	15.53	17.28	19.50	<=30	Pass
		Inner_1RB_Right	15.71	17.52	19.72	15.09	16.90	19.10	<=30	Pass
	3960	Edge_1RB_Left	14.71	17.87	19.58	14.09	17.25	18.96	<=30	Pass
		Edge_1RB_Right	14.93	17.80	19.61	14.31	17.18	18.99	<=30	Pass
		Outer_Full	14.77	17.74	19.51	14.15	17.12	18.89	<=30	Pass
		Inner_Full	14.79	17.69	19.49	14.17	17.07	18.87	<=30	Pass
		Inner_1RB_Left	14.72	17.88	19.59	14.10	17.26	18.97	<=30	Pass
		Inner_1RB_Right	14.94	17.86	19.65	14.32	17.24	19.03	<=30	Pass
	Note1: Antenna Gain: Ant1: -0.62dBi; Ant2: -0.62dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2									

1.1.10 30_M_60M_NTNV_EIRP

5G NR n77a SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3730.02	Edge 1RB Left	17.74	20.08	22.08	17.12	19.46	21.46	<=30	Pass
		Edge 1RB Right	18.11	20.02	22.18	17.49	19.40	21.56	<=30	Pass
		Outer Full	18.80	20.57	22.79	18.18	19.95	22.16	<=30	Pass
		Inner Full	18.90	20.71	22.91	18.28	20.09	22.29	<=30	Pass
		Inner 1RB Left	18.30	20.60	22.61	17.68	19.98	21.99	<=30	Pass
		Inner 1RB Right	18.71	20.53	22.73	18.09	19.91	22.10	<=30	Pass
	3840	Edge 1RB Left	18.66	20.46	22.66	18.04	19.84	22.04	<=30	Pass
		Edge 1RB Right	17.95	20.31	22.30	17.33	19.69	21.68	<=30	Pass
		Outer Full	19.14	20.81	23.07	18.52	20.19	22.45	<=30	Pass
		Inner Full	19.24	20.76	23.07	18.62	20.14	22.46	<=30	Pass
		Inner 1RB Left	19.26	21.04	23.25	18.64	20.42	22.63	<=30	Pass
		Inner 1RB Right	18.61	20.82	22.87	17.99	20.20	22.24	<=30	Pass
	3949.98	Edge 1RB Left	17.92	20.38	22.33	17.30	19.76	21.71	<=30	Pass
		Edge 1RB Right	17.51	20.49	22.26	16.89	19.87	21.64	<=30	Pass
		Outer Full	18.07	20.88	22.71	17.45	20.26	22.09	<=30	Pass
		Inner Full	17.99	20.90	22.69	17.37	20.28	22.07	<=30	Pass
		Inner 1RB Left	18.44	20.92	22.86	17.82	20.30	22.24	<=30	Pass
		Inner 1RB Right	18.01	21.00	22.77	17.39	20.38	22.15	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge 1RB Left	17.76	20.31	22.23	17.14	19.69	21.61	<=30	Pass
		Edge 1RB Right	18.08	20.17	22.26	17.46	19.55	21.64	<=30	Pass
		Outer Full	18.79	20.66	22.84	18.17	20.04	22.22	<=30	Pass
		Inner Full	18.91	20.77	22.95	18.29	20.15	22.33	<=30	Pass
		Inner 1RB Left	18.37	20.70	22.70	17.75	20.08	22.08	<=30	Pass
		Inner 1RB Right	18.69	20.75	22.85	18.07	20.13	22.23	<=30	Pass
	3840	Edge 1RB Left	18.58	20.71	22.79	17.96	20.09	22.16	<=30	Pass
		Edge 1RB Right	17.89	20.46	22.38	17.27	19.84	21.75	<=30	Pass
		Outer Full	19.19	20.89	23.14	18.57	20.27	22.51	<=30	Pass
		Inner Full	19.24	20.81	23.10	18.62	20.19	22.49	<=30	Pass
		Inner 1RB Left	19.23	21.24	23.36	18.61	20.62	22.74	<=30	Pass
		Inner 1RB Right	18.53	21.23	23.10	17.91	20.61	22.48	<=30	Pass
	3949.98	Edge 1RB Left	17.89	20.74	22.55	17.27	20.12	21.94	<=30	Pass

CP-OFDM 64 QAM	3730.02	Edge 1RB Right	17.41	20.69	22.36	16.79	20.07	21.74	<=30	Pass
		Outer Full	17.92	20.92	22.68	17.30	20.30	22.06	<=30	Pass
		Inner Full	17.97	20.96	22.73	17.35	20.34	22.11	<=30	Pass
		Inner 1RB Left	18.47	20.97	22.91	17.85	20.35	22.29	<=30	Pass
		Inner 1RB Right	17.97	21.24	22.92	17.35	20.62	22.30	<=30	Pass
	3840	Edge 1RB Left	17.56	20.07	22.00	16.94	19.45	21.38	<=30	Pass
		Edge 1RB Right	17.93	19.95	22.06	17.31	19.33	21.45	<=30	Pass
		Outer Full	18.30	20.16	22.34	17.68	19.54	21.72	<=30	Pass
		Inner Full	18.41	20.24	22.43	17.79	19.62	21.81	<=30	Pass
		Inner 1RB Left	17.65	20.03	22.01	17.03	19.41	21.39	<=30	Pass
	3949.98	Inner 1RB Right	18.00	19.91	22.07	17.38	19.29	21.45	<=30	Pass
		Edge 1RB Left	18.54	20.47	22.62	17.92	19.85	22.00	<=30	Pass
		Edge 1RB Right	17.76	20.30	22.22	17.14	19.68	21.60	<=30	Pass
		Outer Full	18.65	20.39	22.62	18.03	19.77	22.00	<=30	Pass
		Inner Full	18.73	20.31	22.61	18.11	19.69	21.98	<=30	Pass
CP-OFDM 256 QAM	3730.02	Inner 1RB Left	18.54	20.48	22.63	17.92	19.86	22.01	<=30	Pass
		Inner 1RB Right	17.82	20.33	22.26	17.20	19.71	21.64	<=30	Pass
		Edge 1RB Left	17.71	20.41	22.27	17.09	19.79	21.66	<=30	Pass
		Edge 1RB Right	17.30	20.44	22.16	16.68	19.82	21.54	<=30	Pass
		Outer Full	17.49	20.42	22.21	16.87	19.80	21.59	<=30	Pass
	3840	Inner Full	17.45	20.45	22.21	16.83	19.83	21.59	<=30	Pass
		Inner 1RB Left	17.60	20.38	22.22	16.98	19.76	21.60	<=30	Pass
		Inner 1RB Right	17.27	20.51	22.20	16.65	19.89	21.58	<=30	Pass
		Edge 1RB Left	14.92	17.18	19.20	14.30	16.56	18.59	<=30	Pass
		Edge 1RB Right	15.23	16.93	19.17	14.61	16.31	18.55	<=30	Pass
	3949.98	Outer Full	15.37	17.25	19.42	14.75	16.63	18.80	<=30	Pass
		Inner Full	15.40	17.25	19.43	14.78	16.63	18.81	<=30	Pass
		Inner 1RB Left	14.91	17.13	19.17	14.29	16.51	18.55	<=30	Pass
		Inner 1RB Right	15.29	16.90	19.18	14.67	16.28	18.56	<=30	Pass
		Edge 1RB Left	15.77	17.51	19.74	15.15	16.89	19.12	<=30	Pass
	3730.02	Edge 1RB Right	15.07	17.40	19.40	14.45	16.78	18.78	<=30	Pass
		Outer Full	15.65	17.42	19.63	15.03	16.80	19.01	<=30	Pass
		Inner Full	15.71	17.38	19.63	15.09	16.76	19.02	<=30	Pass
		Inner 1RB Left	15.73	17.63	19.79	15.11	17.01	19.17	<=30	Pass
		Inner 1RB Right	15.10	17.31	19.35	14.48	16.69	18.73	<=30	Pass
	3840	Edge 1RB Left	14.89	17.46	19.37	14.27	16.84	18.75	<=30	Pass
		Edge 1RB Right	14.59	17.52	19.31	13.97	16.90	18.69	<=30	Pass
		Outer Full	14.50	17.44	19.22	13.88	16.82	18.60	<=30	Pass
		Inner Full	14.41	17.39	19.16	13.79	16.77	18.54	<=30	Pass
		Inner 1RB Left	15.00	17.40	19.38	14.38	16.78	18.75	<=30	Pass
	3949.98	Inner 1RB Right	14.59	17.44	19.25	13.97	16.82	18.64	<=30	Pass

Note1: Antenna Gain: Ant1: -0.62dBi; Ant2: -0.62dBi;

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.11 30_M_80M_NTNV_EIRP

5G NR n77a SCS=30kHz MIMO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3740.01	Edge 1RB Left	17.67	20.06	22.04	17.05	19.44	21.42	<=30	Pass

		Edge 1RB Right	18.26	19.92	22.18	17.64	19.30	21.56	<=30	Pass
		Outer Full	18.75	20.57	22.76	18.13	19.95	22.14	<=30	Pass
		Inner Full	18.77	20.72	22.86	18.15	20.10	22.24	<=30	Pass
		Inner 1RB Left	18.20	20.47	22.49	17.58	19.85	21.87	<=30	Pass
		Inner 1RB Right	18.93	20.40	22.74	18.31	19.78	22.12	<=30	Pass
	3840	Edge 1RB Left	18.53	20.26	22.49	17.91	19.64	21.87	<=30	Pass
		Edge 1RB Right	17.73	20.27	22.20	17.11	19.65	21.57	<=30	Pass
		Outer Full	18.89	20.70	22.90	18.27	20.08	22.28	<=30	Pass
		Inner Full	19.08	20.68	22.96	18.46	20.06	22.34	<=30	Pass
		Inner 1RB Left	19.15	20.92	23.13	18.53	20.30	22.51	<=30	Pass
	3939.99	Inner 1RB Right	18.25	20.77	22.70	17.63	20.15	22.08	<=30	Pass
		Edge 1RB Left	18.09	20.47	22.45	17.47	19.85	21.83	<=30	Pass
		Edge 1RB Right	17.39	20.36	22.13	16.77	19.74	21.51	<=30	Pass
		Outer Full	18.02	20.78	22.63	17.40	20.16	22.01	<=30	Pass
		Inner Full	17.99	20.76	22.60	17.37	20.14	21.98	<=30	Pass
CP-OFDM 16 QAM	3740.01	Inner 1RB Left	18.49	20.81	22.81	17.87	20.19	22.19	<=30	Pass
		Inner 1RB Right	17.75	20.78	22.53	17.13	20.16	21.91	<=30	Pass
		Edge 1RB Left	17.66	20.12	22.07	17.04	19.50	21.45	<=30	Pass
		Edge 1RB Right	18.10	20.10	22.23	17.48	19.48	21.60	<=30	Pass
		Outer Full	18.66	20.58	22.74	18.04	19.96	22.12	<=30	Pass
	3840	Inner Full	18.70	20.67	22.81	18.08	20.05	22.19	<=30	Pass
		Inner 1RB Left	18.24	20.59	22.58	17.62	19.97	21.96	<=30	Pass
		Inner 1RB Right	18.73	20.79	22.89	18.11	20.17	22.27	<=30	Pass
		Edge 1RB Left	18.61	20.58	22.72	17.99	19.96	22.10	<=30	Pass
		Edge 1RB Right	17.70	20.49	22.32	17.08	19.87	21.71	<=30	Pass
	3939.99	Outer Full	18.92	20.70	22.91	18.30	20.08	22.29	<=30	Pass
		Inner Full	19.04	20.78	23.01	18.42	20.16	22.39	<=30	Pass
		Inner 1RB Left	19.14	20.95	23.14	18.52	20.33	22.53	<=30	Pass
		Inner 1RB Right	18.27	20.97	22.83	17.65	20.35	22.22	<=30	Pass
		Edge 1RB Left	18.02	20.64	22.53	17.40	20.02	21.91	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge 1RB Right	17.34	20.68	22.34	16.72	20.06	21.71	<=30	Pass
		Outer Full	18.10	20.77	22.64	17.48	20.15	22.03	<=30	Pass
		Inner Full	17.85	20.79	22.57	17.23	20.17	21.95	<=30	Pass
		Inner 1RB Left	18.54	21.08	23.00	17.92	20.46	22.38	<=30	Pass
		Inner 1RB Right	17.71	20.98	22.66	17.09	20.36	22.04	<=30	Pass
	3840	Edge 1RB Left	17.32	19.88	21.79	16.70	19.26	21.18	<=30	Pass
		Edge 1RB Right	18.00	19.86	22.04	17.38	19.24	21.42	<=30	Pass
		Outer Full	18.14	20.06	22.22	17.52	19.44	21.60	<=30	Pass
		Inner Full	18.25	20.11	22.29	17.63	19.49	21.67	<=30	Pass
		Inner 1RB Left	17.39	19.90	21.84	16.77	19.28	21.21	<=30	Pass
	3939.99	Inner 1RB Right	17.95	19.90	22.05	17.33	19.28	21.42	<=30	Pass
		Edge 1RB Left	18.28	20.34	22.44	17.66	19.72	21.82	<=30	Pass
		Edge 1RB Right	17.50	20.12	22.02	16.88	19.50	21.39	<=30	Pass
		Outer Full	18.42	20.20	22.41	17.80	19.58	21.79	<=30	Pass
		Inner Full	18.55	20.17	22.44	17.93	19.55	21.83	<=30	Pass
	3840	Inner 1RB Left	18.33	20.33	22.45	17.71	19.71	21.83	<=30	Pass
		Inner 1RB Right	17.67	20.18	22.11	17.05	19.56	21.49	<=30	Pass
	3939.99	Edge 1RB Left	17.66	20.30	22.19	17.04	19.68	21.57	<=30	Pass
		Edge 1RB Right	17.06	20.27	21.97	16.44	19.65	21.35	<=30	Pass
		Outer Full	17.47	20.32	22.13	16.85	19.70	21.52	<=30	Pass
		Inner Full	17.48	20.28	22.11	16.86	19.66	21.49	<=30	Pass
		Inner 1RB Left	17.73	20.34	22.24	17.11	19.72	21.62	<=30	Pass
		Inner 1RB Right	17.12	20.28	21.99	16.50	19.66	21.37	<=30	Pass

CP-OFDM 256 QAM	3740.01	Edge 1RB Left	14.76	16.85	18.94	14.14	16.23	18.32	<=30	Pass
		Edge 1RB Right	15.32	16.85	19.16	14.70	16.23	18.54	<=30	Pass
		Outer Full	15.22	17.10	19.27	14.60	16.48	18.65	<=30	Pass
		Inner Full	15.26	17.13	19.31	14.64	16.51	18.69	<=30	Pass
		Inner 1RB Left	14.79	16.87	18.96	14.17	16.25	18.34	<=30	Pass
		Inner 1RB Right	15.34	16.89	19.19	14.72	16.27	18.57	<=30	Pass
	3840	Edge 1RB Left	15.54	17.27	19.50	14.92	16.65	18.88	<=30	Pass
		Edge 1RB Right	14.97	17.27	19.28	14.35	16.65	18.66	<=30	Pass
		Outer Full	15.46	17.30	19.49	14.84	16.68	18.87	<=30	Pass
		Inner Full	15.52	17.26	19.49	14.90	16.64	18.87	<=30	Pass
		Inner 1RB Left	15.60	17.27	19.53	14.98	16.65	18.91	<=30	Pass
		Inner 1RB Right	14.96	17.20	19.23	14.34	16.58	18.61	<=30	Pass
	3939.99	Edge 1RB Left	15.03	17.37	19.37	14.41	16.75	18.75	<=30	Pass
		Edge 1RB Right	14.41	17.32	19.12	13.79	16.70	18.49	<=30	Pass
		Outer Full	14.54	17.32	19.16	13.92	16.70	18.54	<=30	Pass
		Inner Full	14.43	17.33	19.13	13.81	16.71	18.51	<=30	Pass
		Inner 1RB Left	14.98	17.39	19.36	14.36	16.77	18.74	<=30	Pass
		Inner 1RB Right	14.38	17.31	19.10	13.76	16.69	18.48	<=30	Pass

Note1: Antenna Gain: Ant1: -0.62dBi; Ant2: -0.62dBi;

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.12 30_M_100M_NTNV_EIRP

5G NR n77a SCS=30kHz MIMO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3750	Edge 1RB Left	17.62	19.94	21.94	17.00	19.32	21.32	<=30	Pass
		Edge 1RB Right	18.40	20.20	22.40	17.78	19.58	21.78	<=30	Pass
		Outer Full	18.66	20.43	22.64	18.04	19.81	22.02	<=30	Pass
		Inner Full	18.71	20.58	22.75	18.09	19.96	22.14	<=30	Pass
		Inner 1RB Left	18.14	20.32	22.38	17.52	19.70	21.76	<=30	Pass
		Inner 1RB Right	18.94	20.61	22.87	18.32	19.99	22.25	<=30	Pass
	3840	Edge 1RB Left	18.53	20.08	22.38	17.91	19.46	21.76	<=30	Pass
		Edge 1RB Right	18.02	20.32	22.33	17.40	19.70	21.71	<=30	Pass
		Outer Full	18.90	20.69	22.90	18.28	20.07	22.28	<=30	Pass
		Inner Full	19.02	20.65	22.92	18.40	20.03	22.30	<=30	Pass
		Inner 1RB Left	19.12	20.77	23.03	18.50	20.15	22.41	<=30	Pass
		Inner 1RB Right	18.55	20.83	22.85	17.93	20.21	22.23	<=30	Pass
	3930	Edge 1RB Left	17.82	20.34	22.27	17.20	19.72	21.65	<=30	Pass
		Edge 1RB Right	17.33	20.39	22.13	16.71	19.77	21.51	<=30	Pass
		Outer Full	18.20	20.84	22.73	17.58	20.22	22.11	<=30	Pass
		Inner Full	18.04	20.83	22.66	17.42	20.21	22.05	<=30	Pass
		Inner 1RB Left	18.17	20.52	22.52	17.55	19.90	21.89	<=30	Pass
		Inner 1RB Right	17.94	20.89	22.67	17.32	20.27	22.05	<=30	Pass
CP-OFDM 16 QAM	3750	Edge 1RB Left	17.53	20.15	22.05	16.91	19.53	21.42	<=30	Pass
		Edge 1RB Right	18.30	20.37	22.47	17.68	19.75	21.85	<=30	Pass
		Outer Full	18.65	20.45	22.65	18.03	19.83	22.03	<=30	Pass
		Inner Full	18.64	20.45	22.65	18.02	19.83	22.03	<=30	Pass
		Inner 1RB Left	18.13	20.73	22.63	17.51	20.11	22.01	<=30	Pass
		Inner 1RB Right	18.89	21.08	23.13	18.27	20.46	22.51	<=30	Pass

	3840	Edge_1RB_Left	18.58	20.31	22.54	17.96	19.69	21.92	<=30	Pass
		Edge_1RB_Right	17.93	20.55	22.44	17.31	19.93	21.82	<=30	Pass
		Outer_Full	18.94	20.74	22.94	18.32	20.12	22.32	<=30	Pass
		Inner_Full	18.91	20.65	22.88	18.29	20.03	22.26	<=30	Pass
		Inner_1RB_Left	19.01	20.76	22.98	18.39	20.14	22.36	<=30	Pass
		Inner_1RB_Right	18.44	21.07	22.96	17.82	20.45	22.34	<=30	Pass
	3930	Edge_1RB_Left	17.67	20.40	22.26	17.05	19.78	21.64	<=30	Pass
		Edge_1RB_Right	17.23	20.61	22.25	16.61	19.99	21.63	<=30	Pass
		Outer_Full	18.05	20.79	22.64	17.43	20.17	22.02	<=30	Pass
		Inner_Full	18.05	20.82	22.67	17.43	20.20	22.04	<=30	Pass
		Inner_1RB_Left	18.19	21.02	22.84	17.57	20.40	22.22	<=30	Pass
		Inner_1RB_Right	17.88	21.32	22.94	17.26	20.70	22.32	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	17.34	19.89	21.81	16.72	19.27	21.19	<=30	Pass
		Edge_1RB_Right	18.19	20.10	22.26	17.57	19.48	21.64	<=30	Pass
		Outer_Full	18.18	19.96	22.17	17.56	19.34	21.55	<=30	Pass
		Inner_Full	18.12	19.97	22.15	17.50	19.35	21.53	<=30	Pass
		Inner_1RB_Left	17.37	19.90	21.82	16.75	19.28	21.21	<=30	Pass
		Inner_1RB_Right	18.11	20.11	22.23	17.49	19.49	21.61	<=30	Pass
	3840	Edge_1RB_Left	18.37	20.03	22.29	17.75	19.41	21.67	<=30	Pass
		Edge_1RB_Right	17.89	20.34	22.30	17.27	19.72	21.68	<=30	Pass
		Outer_Full	18.35	20.28	22.43	17.73	19.66	21.81	<=30	Pass
		Inner_Full	18.42	20.13	22.37	17.80	19.51	21.75	<=30	Pass
		Inner_1RB_Left	18.32	19.92	22.20	17.70	19.30	21.58	<=30	Pass
		Inner_1RB_Right	17.85	20.27	22.23	17.23	19.65	21.62	<=30	Pass
	3930	Edge_1RB_Left	17.44	20.17	22.02	16.82	19.55	21.41	<=30	Pass
		Edge_1RB_Right	17.20	20.29	22.02	16.58	19.67	21.40	<=30	Pass
		Outer_Full	17.59	20.27	22.14	16.97	19.65	21.52	<=30	Pass
		Inner_Full	17.50	20.30	22.13	16.88	19.68	21.51	<=30	Pass
		Inner_1RB_Left	17.57	20.28	22.14	16.95	19.66	21.52	<=30	Pass
		Inner_1RB_Right	17.17	20.39	22.08	16.55	19.77	21.46	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	14.70	16.83	18.91	14.08	16.21	18.28	<=30	Pass
		Edge_1RB_Right	15.44	17.13	19.38	14.82	16.51	18.76	<=30	Pass
		Outer_Full	15.20	17.03	19.22	14.58	16.41	18.60	<=30	Pass
		Inner_Full	15.15	17.00	19.18	14.53	16.38	18.56	<=30	Pass
		Inner_1RB_Left	14.47	16.79	18.79	13.85	16.17	18.17	<=30	Pass
		Inner_1RB_Right	15.54	17.17	19.44	14.92	16.55	18.82	<=30	Pass
	3840	Edge_1RB_Left	15.52	17.09	19.38	14.90	16.47	18.77	<=30	Pass
		Edge_1RB_Right	15.07	17.42	19.42	14.45	16.80	18.79	<=30	Pass
		Outer_Full	15.26	17.16	19.33	14.64	16.54	18.70	<=30	Pass
		Inner_Full	15.44	17.16	19.39	14.82	16.54	18.77	<=30	Pass
		Inner_1RB_Left	15.58	17.10	19.42	14.96	16.48	18.80	<=30	Pass
		Inner_1RB_Right	15.01	17.38	19.37	14.39	16.76	18.75	<=30	Pass
	3930	Edge_1RB_Left	14.78	17.27	19.21	14.16	16.65	18.59	<=30	Pass
		Edge_1RB_Right	14.43	17.42	19.18	13.81	16.80	18.57	<=30	Pass
		Outer_Full	14.54	17.35	19.18	13.92	16.73	18.56	<=30	Pass
		Inner_Full	14.46	17.27	19.10	13.84	16.65	18.48	<=30	Pass
		Inner_1RB_Left	14.82	17.21	19.19	14.20	16.59	18.57	<=30	Pass
		Inner_1RB_Right	14.43	17.41	19.18	13.81	16.79	18.56	<=30	Pass
Note1: Antenna Gain: Ant1: -0.62dBi; Ant2: -0.62dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										



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	22.50	0.0059	>=-2.5 & <=2.5	Pass
				HV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	13.10	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	14.30	0.0037	>=-2.5 & <=2.5	Pass
			10	NV	19.20	0.0050	>=-2.5 & <=2.5	Pass
			20	NV	9.70	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	13.70	0.0036	>=-2.5 & <=2.5	Pass
			40	NV	26.60	0.0069	>=-2.5 & <=2.5	Pass
			50	NV	10.50	0.0027	>=-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	17.81	18.95	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	17.86	18.83	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	17.97	19.01	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	17.88	18.96	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	17.83	19.07	/	Pass
CP-OFDM QPSK	3840	Outer_Full	18.26	19.54	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	18.28	19.00	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	18.27	19.33	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	18.23	19.41	/	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	26.78	28.06	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	26.84	27.99	/	Pass

DFT-s-OFDM 16 QAM	3840	Outer_Full	26.88	28.33	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	26.77	28.29	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	26.82	28.13	/	Pass
CP-OFDM QPSK	3840	Outer_Full	27.79	29.24	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	27.89	29.06	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	27.85	29.63	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	27.85	29.06	/	Pass

3.1.3 30_S_40M_NTNV

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	35.72	37.75	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	35.79	37.53	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	35.77	37.62	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	35.85	37.58	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	35.82	37.62	/	Pass
CP-OFDM QPSK	3840	Outer_Full	37.98	39.92	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	37.93	39.77	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	37.83	39.86	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	37.95	39.71	/	Pass

3.1.4 30_S_60M_NTNV

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	58.01	60.75	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	57.92	60.91	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	57.93	60.82	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	58.05	60.77	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	57.98	60.73	/	Pass
CP-OFDM QPSK	3840	Outer_Full	58.09	60.89	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	57.96	60.85	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	58.09	60.89	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	57.98	60.65	/	Pass

3.1.5 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	77.14	80.30	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	77.18	80.16	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	77.46	80.28	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	77.20	80.26	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	77.21	80.27	/	Pass



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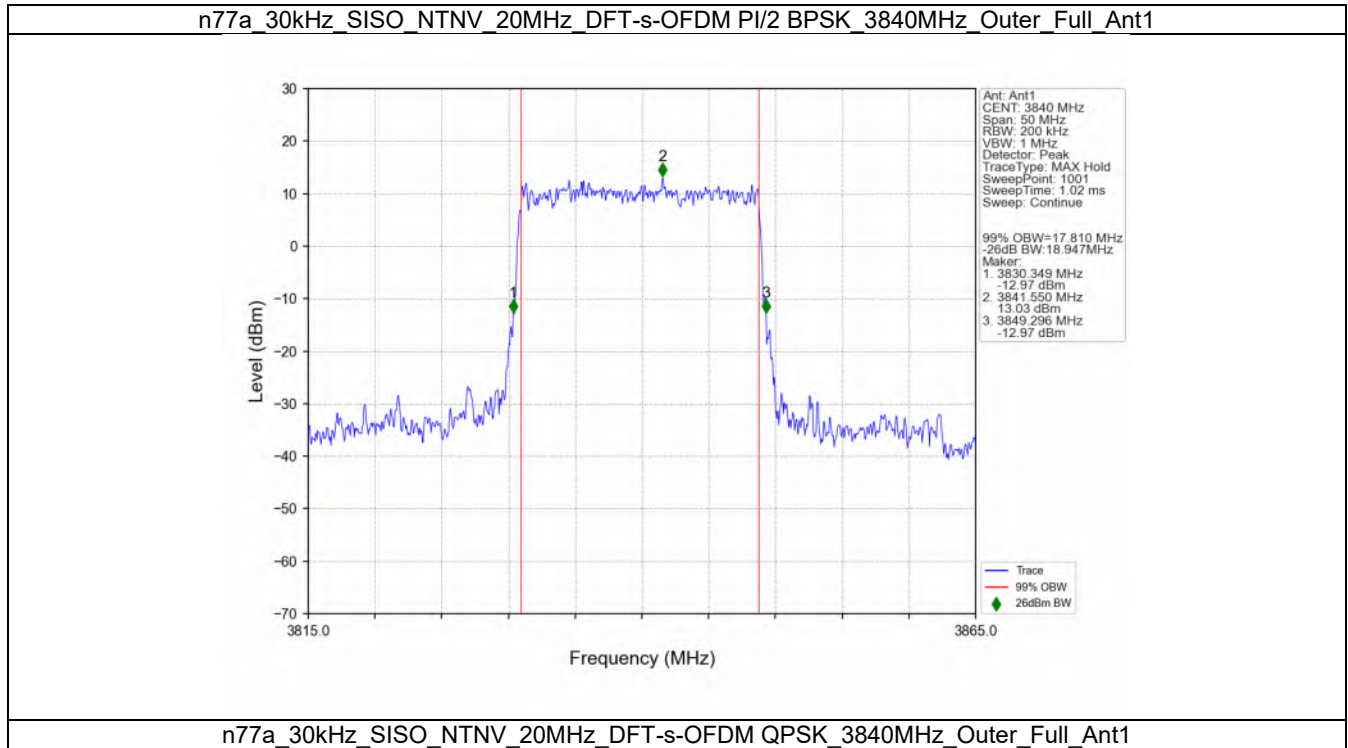
CP-OFDM QPSK	3840	Outer_Full	77.53	80.78	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	77.65	80.69	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	77.68	80.80	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	77.49	80.51	/	Pass

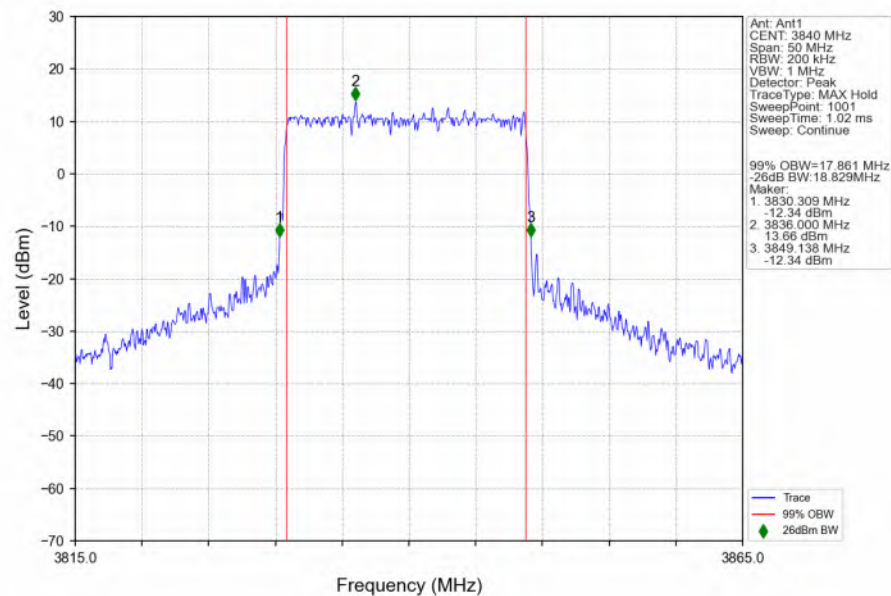
3.1.6 30_S_100M_NTNV

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	99.79	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	96.47	99.83	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	96.53	99.81	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	96.31	99.75	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	96.53	99.76	/	Pass
CP-OFDM QPSK	3840	Outer_Full	97.30	100.96	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	97.54	100.95	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	97.18	100.93	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	97.65	100.92	/	Pass

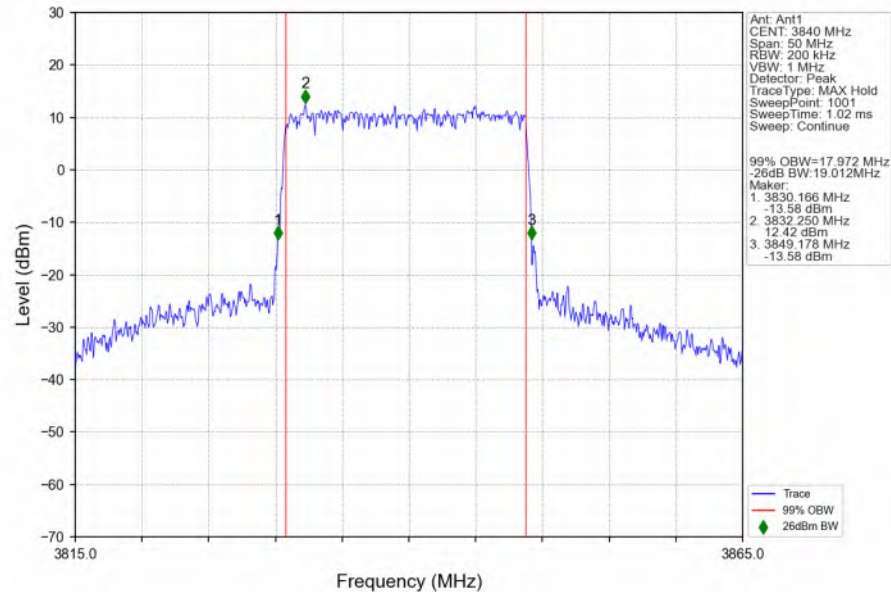
3.2 Test Graph

3.2.1 30_S_20M_NTNV

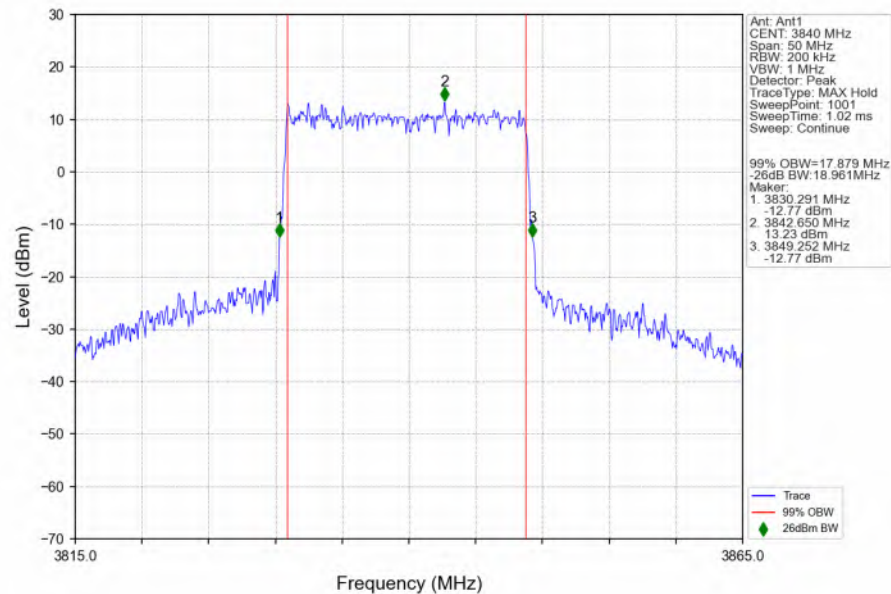




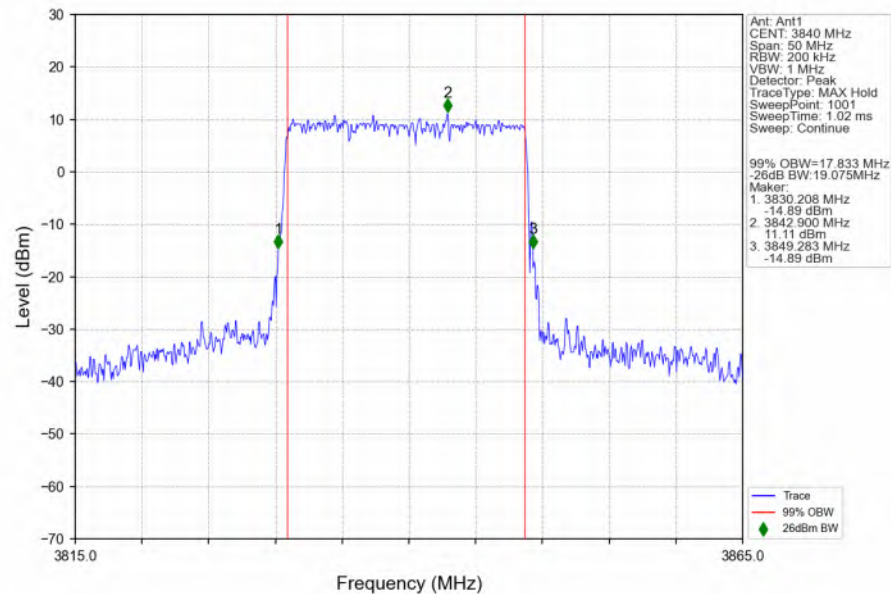
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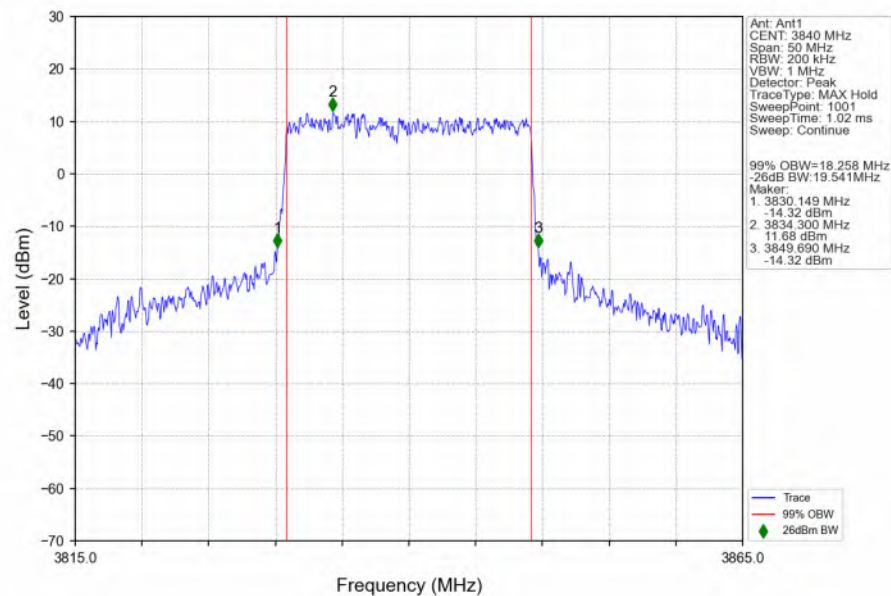
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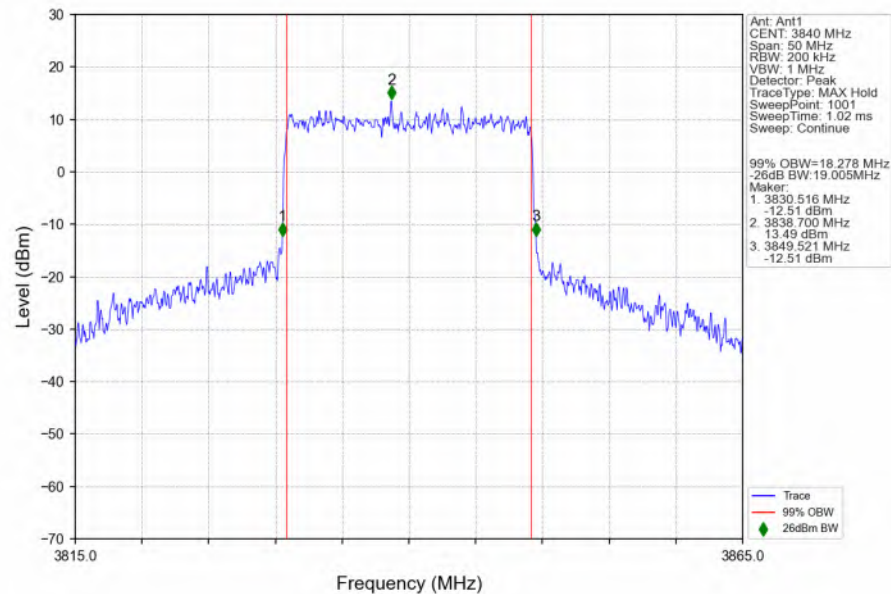
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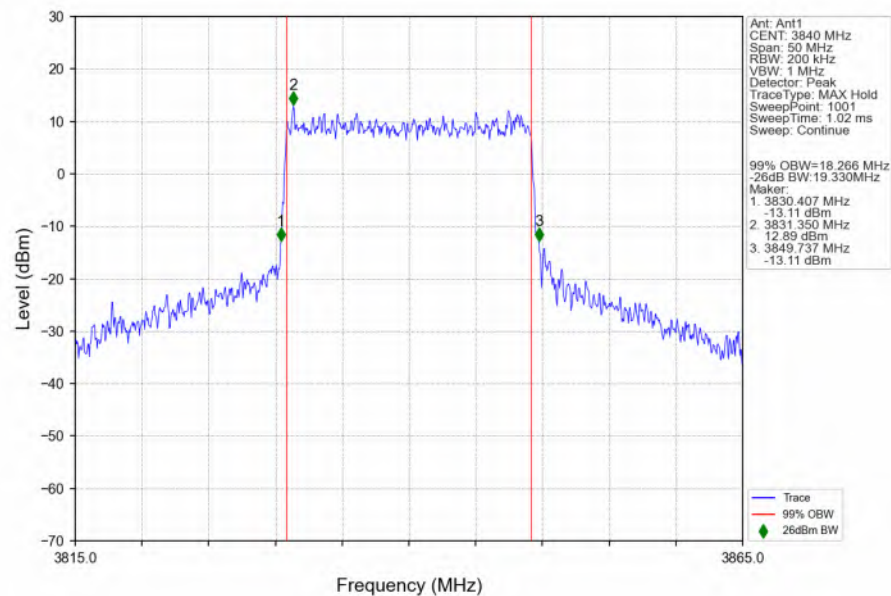
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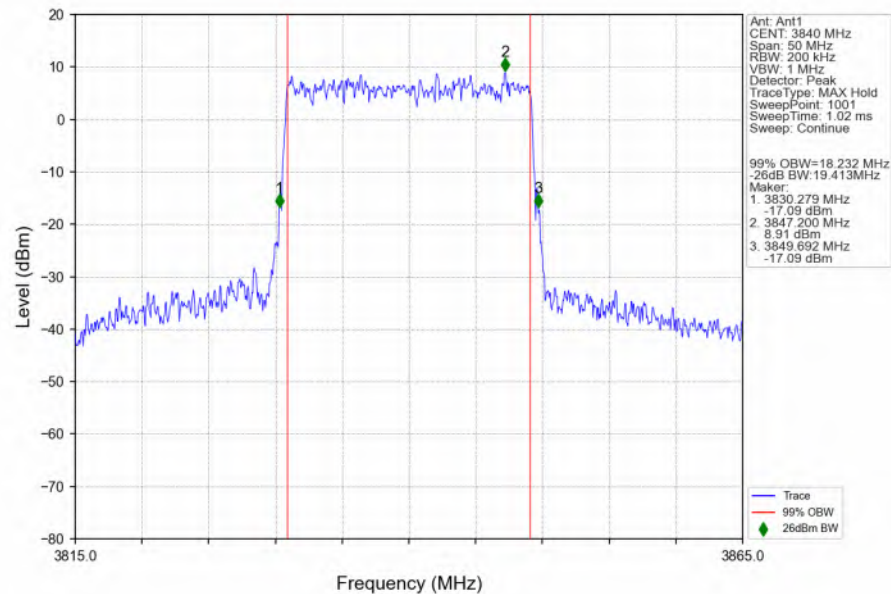
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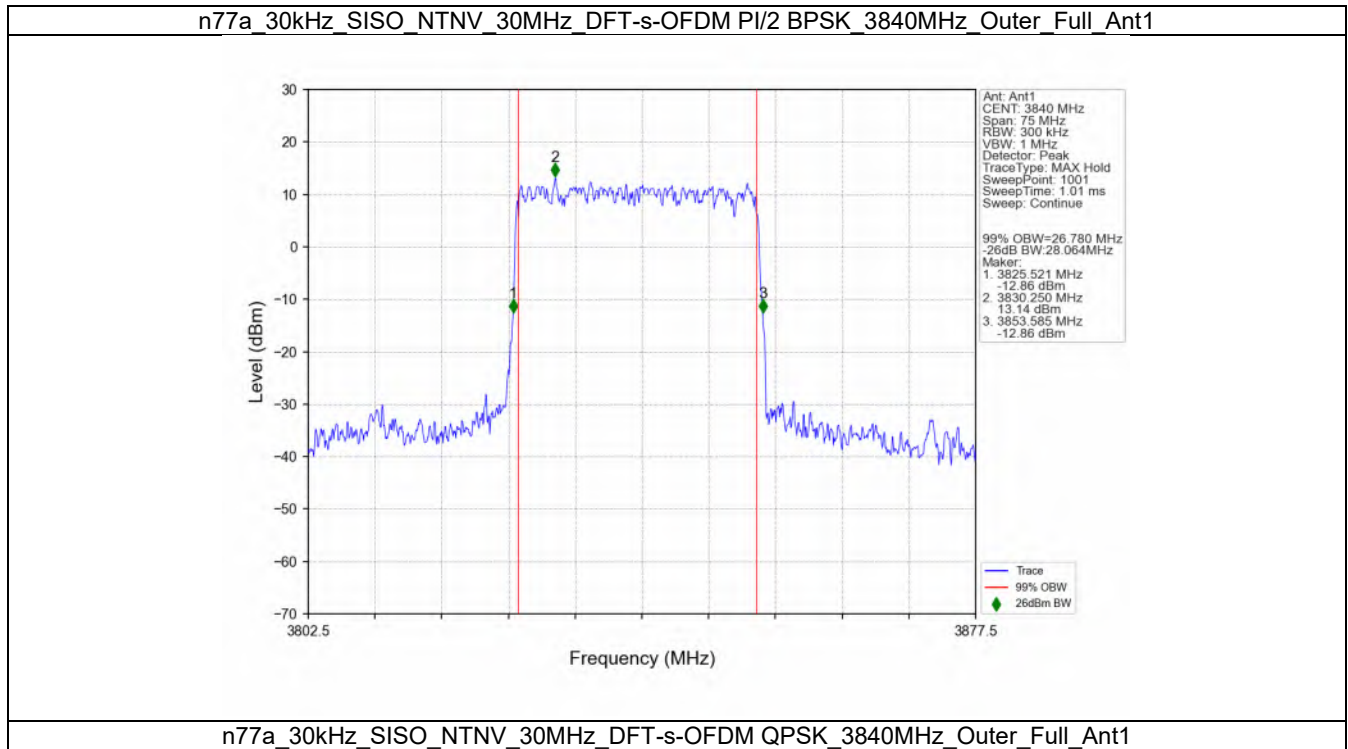
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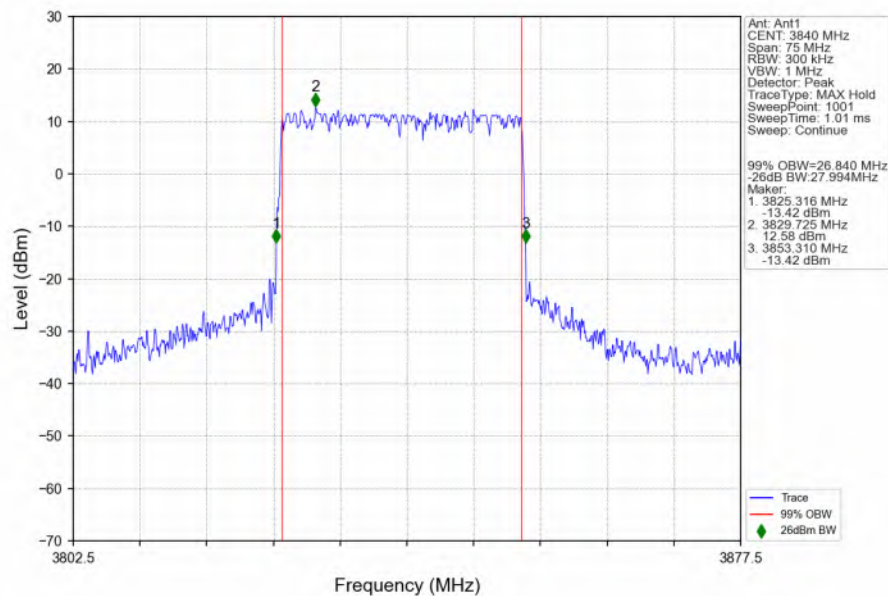


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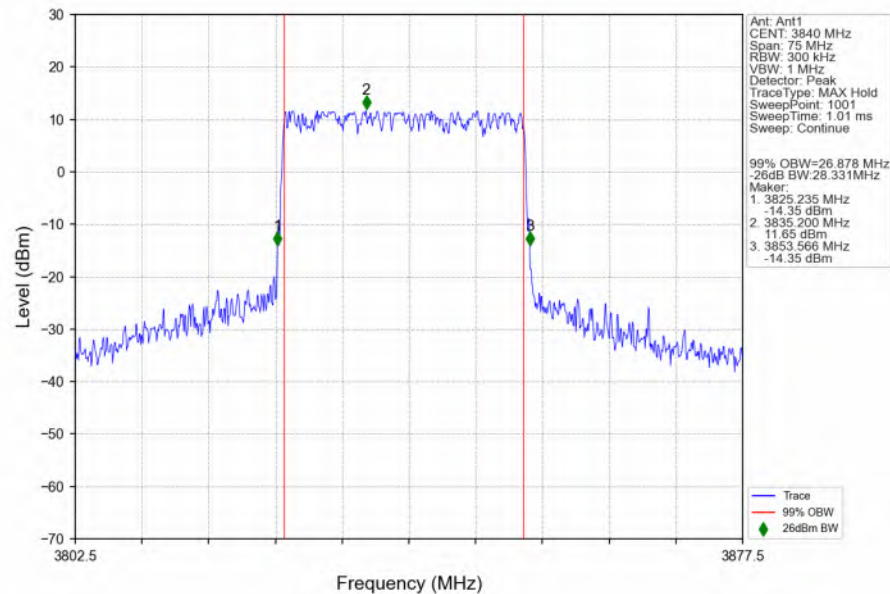


3.2.2 30_S_30M_NTNV

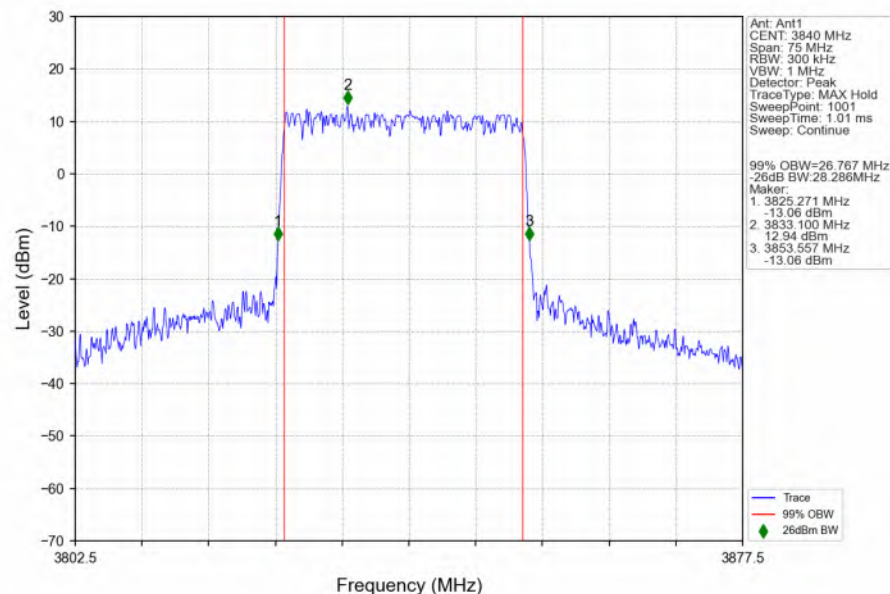




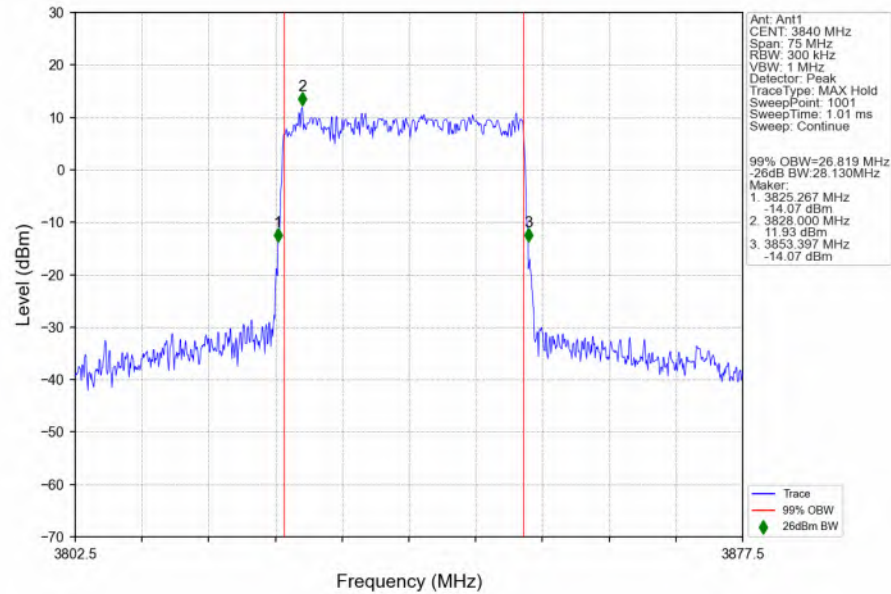
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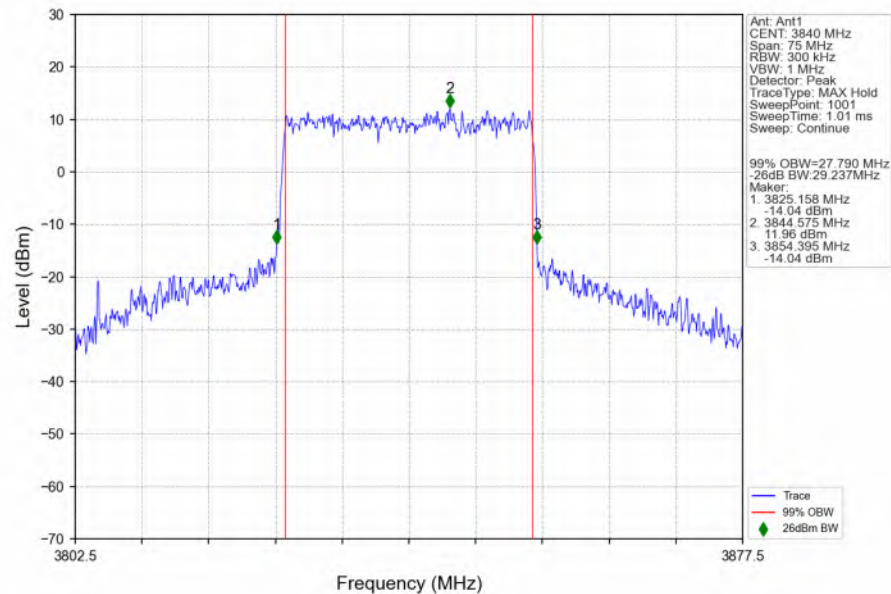
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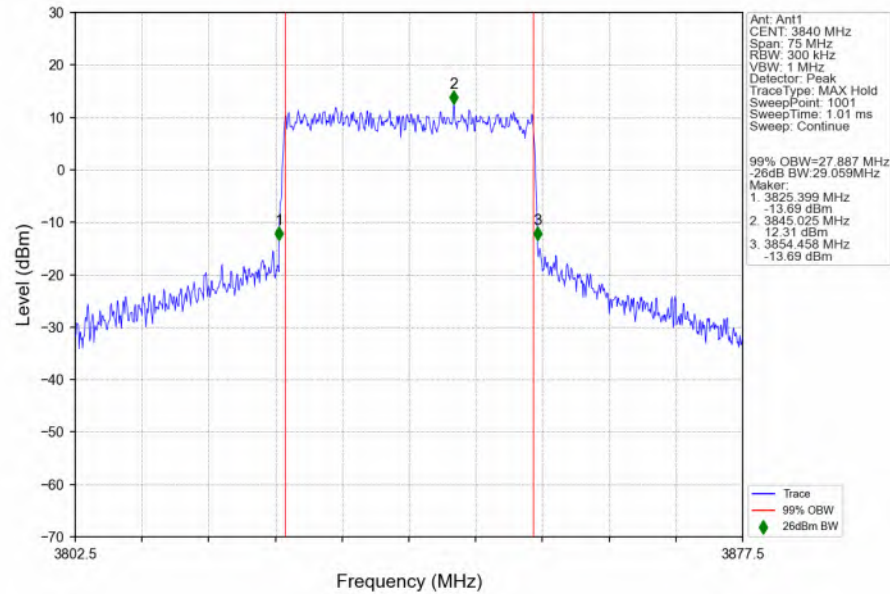
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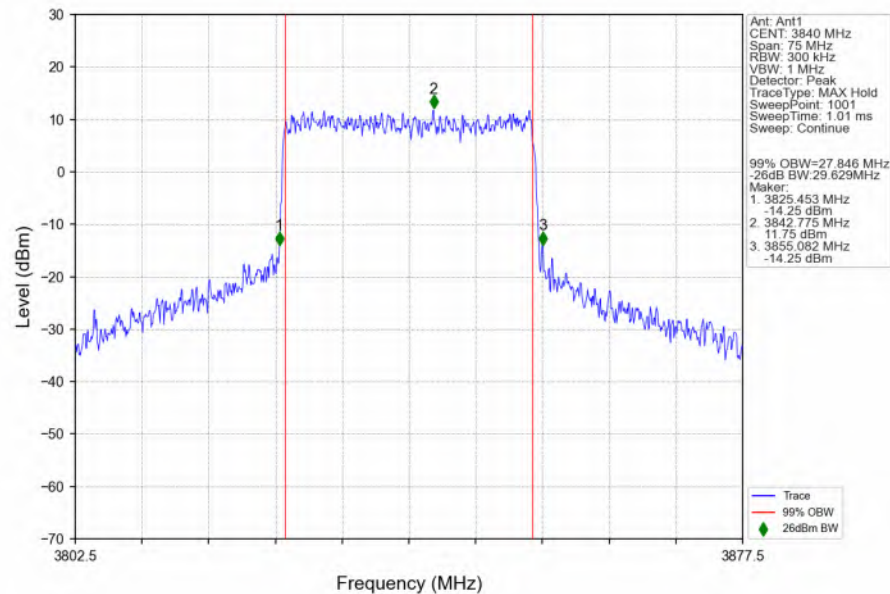
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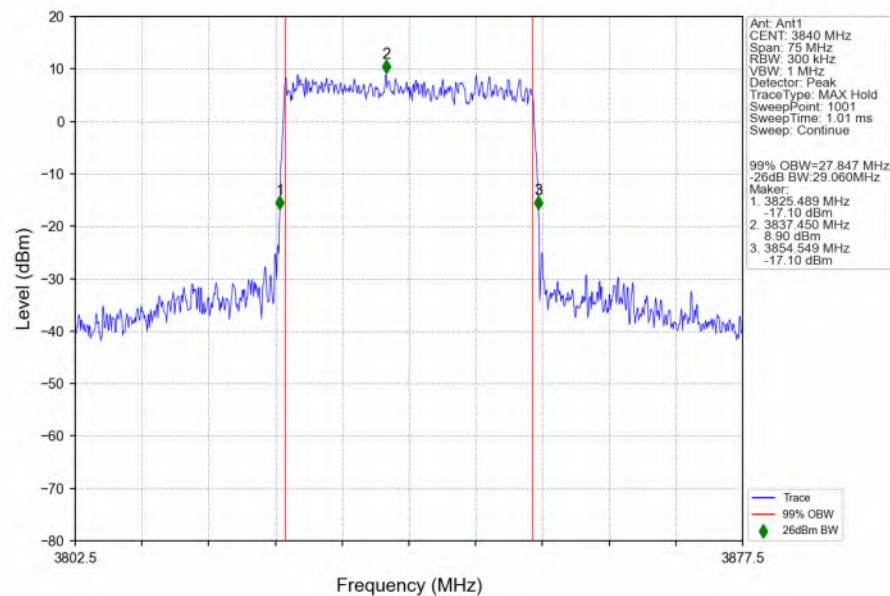
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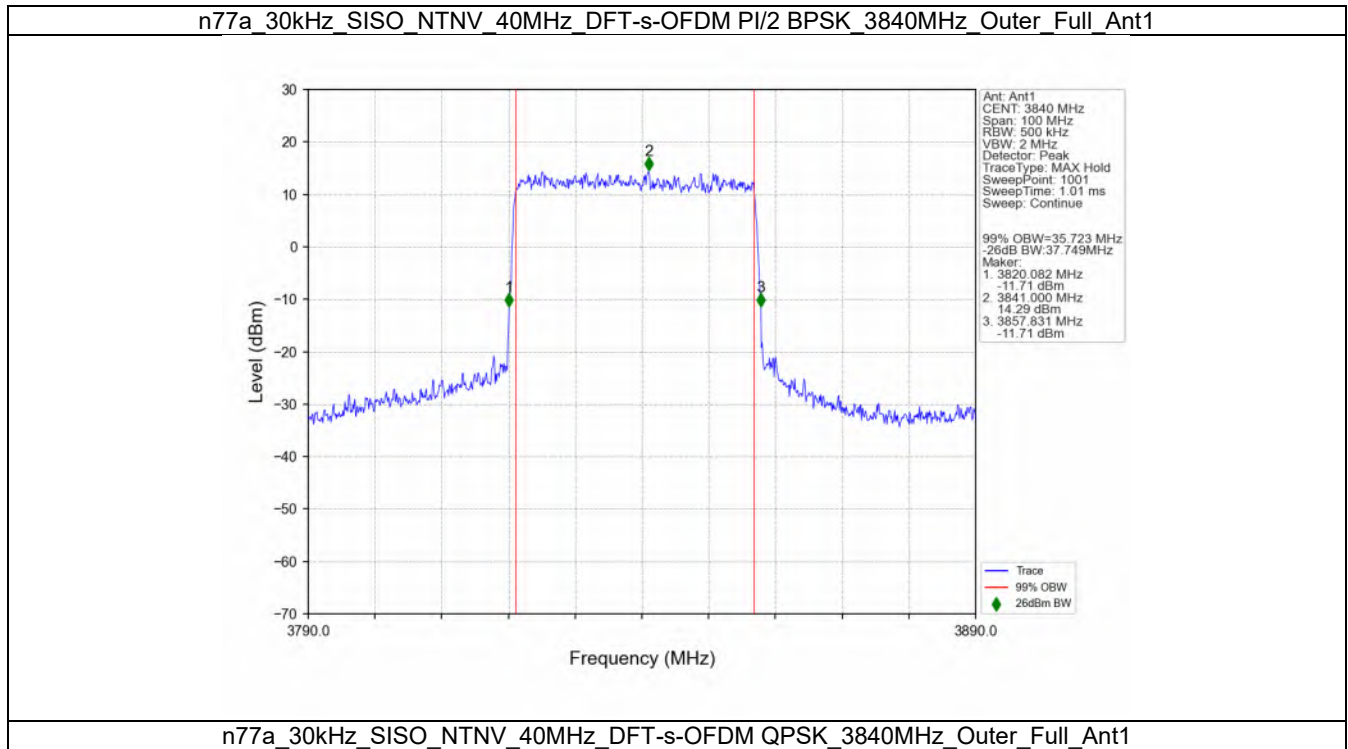
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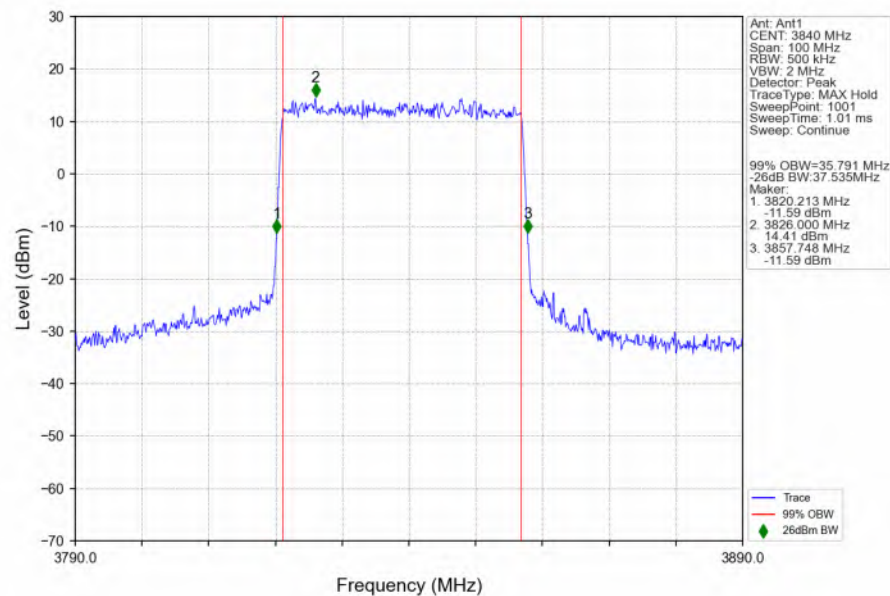


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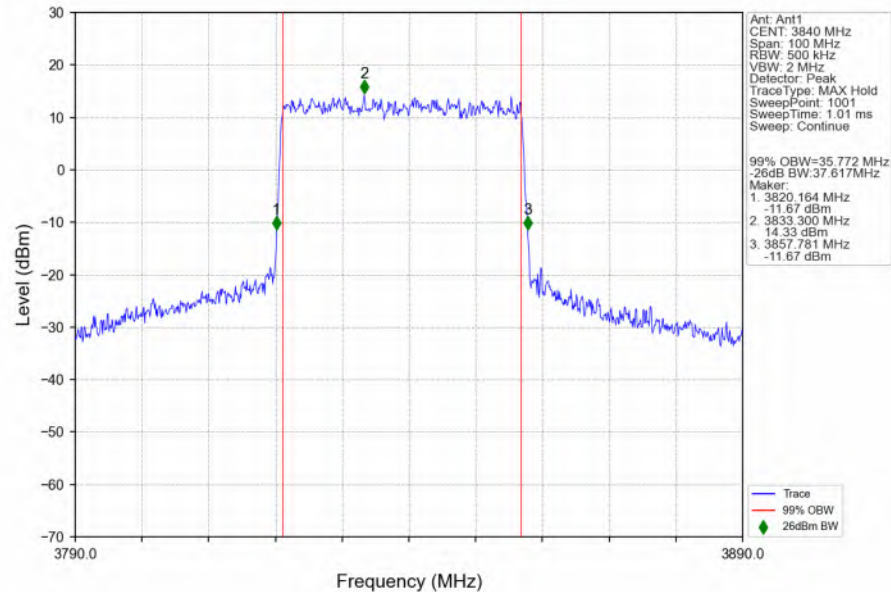


3.2.3 30_S_40M_NTNV

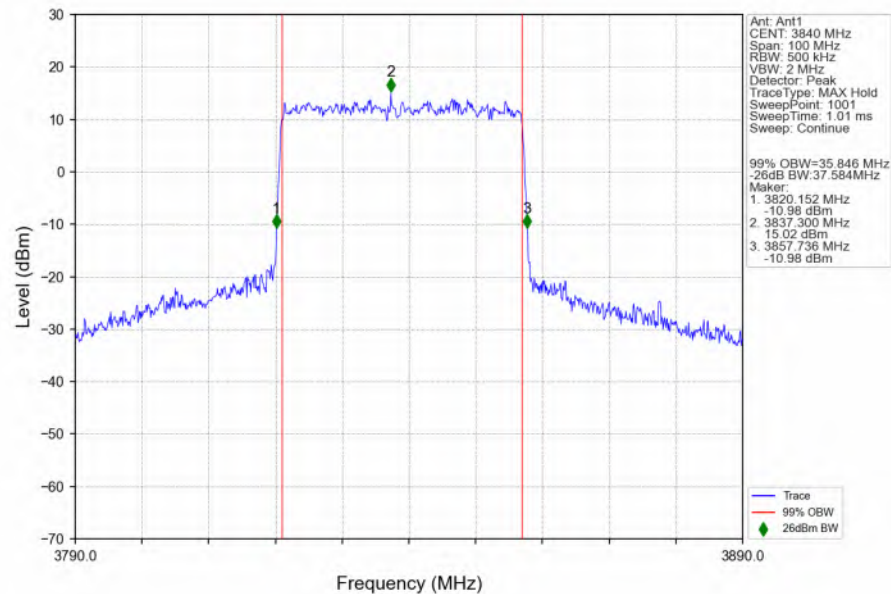




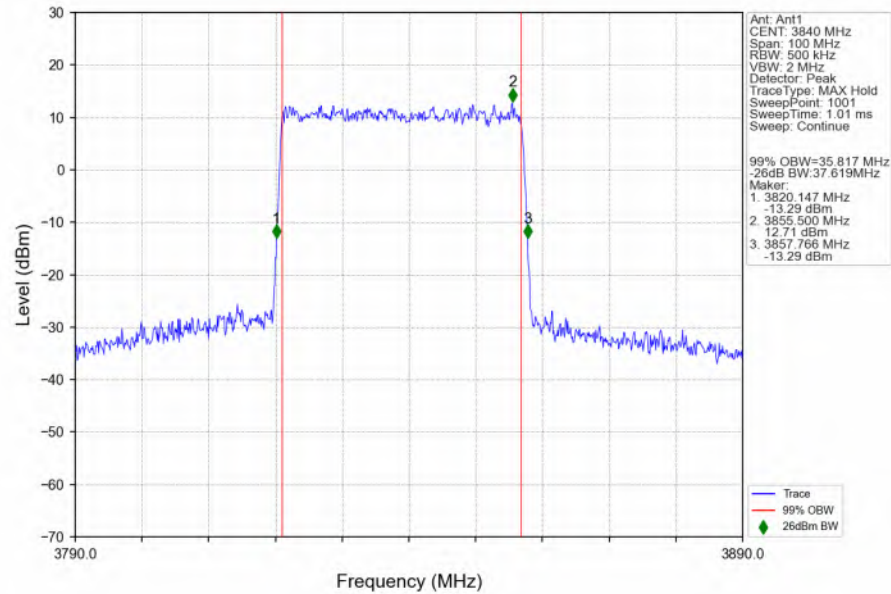
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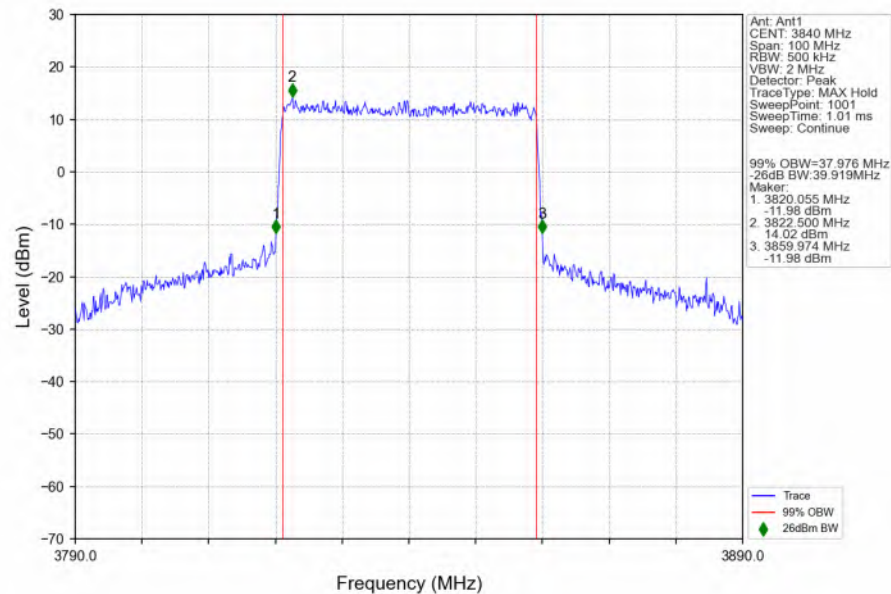
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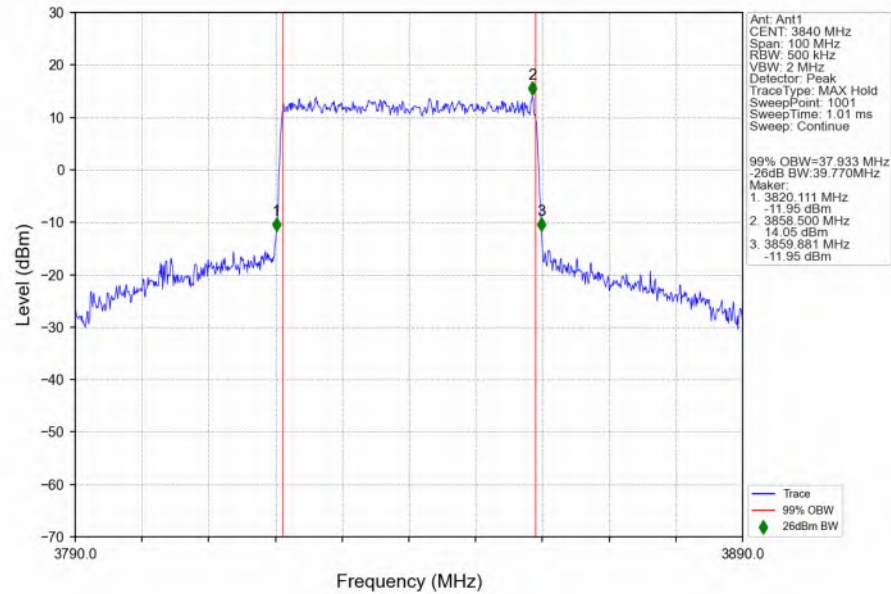
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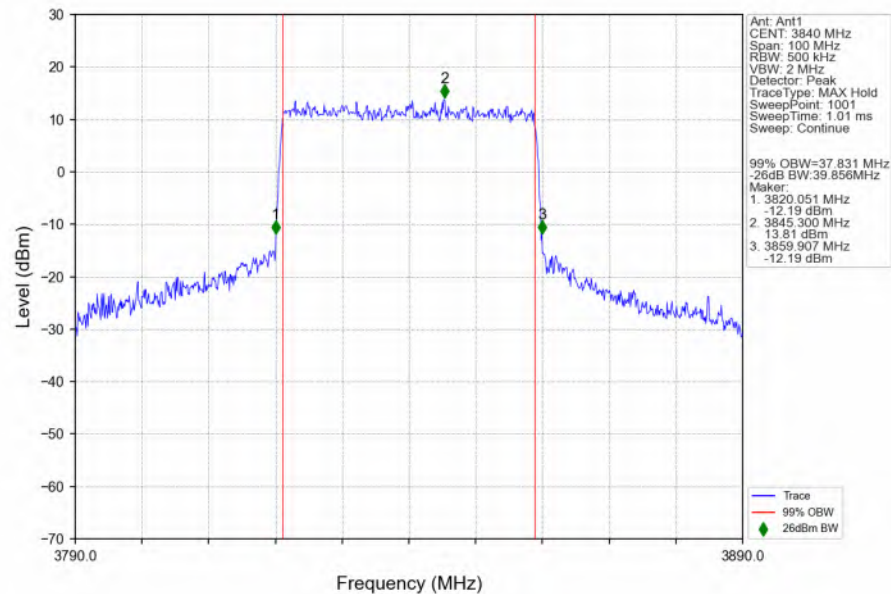
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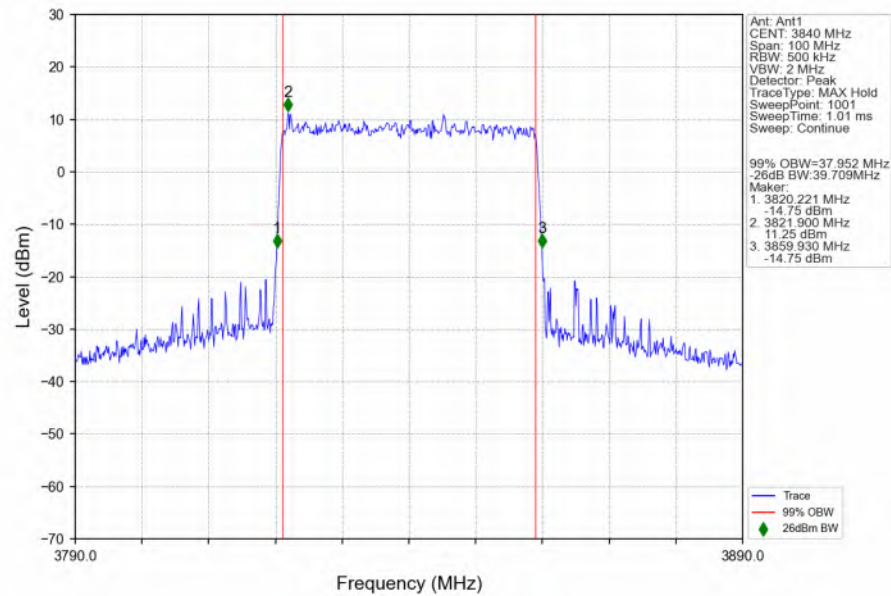
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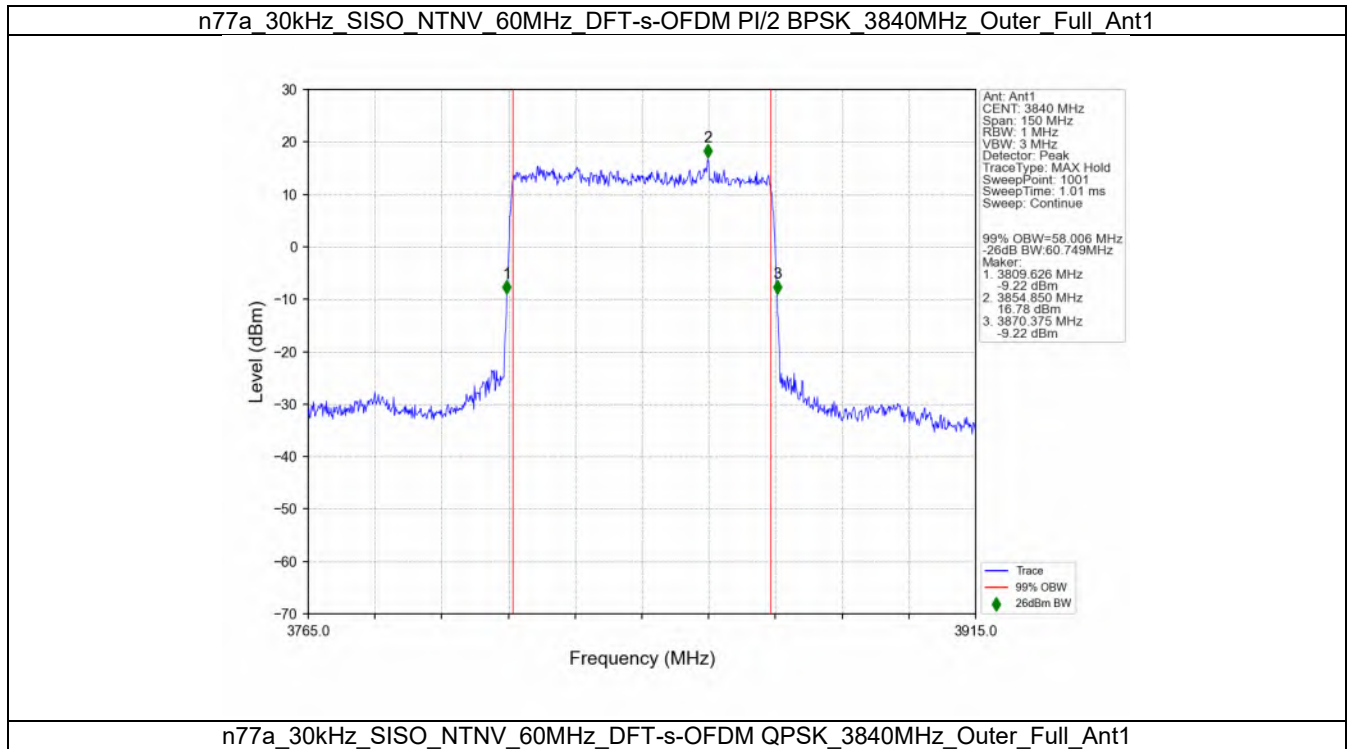
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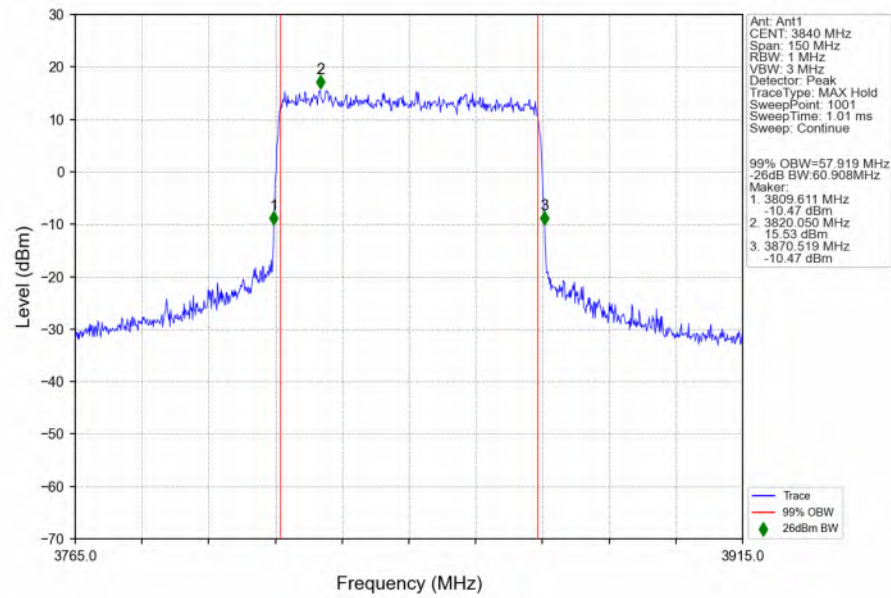


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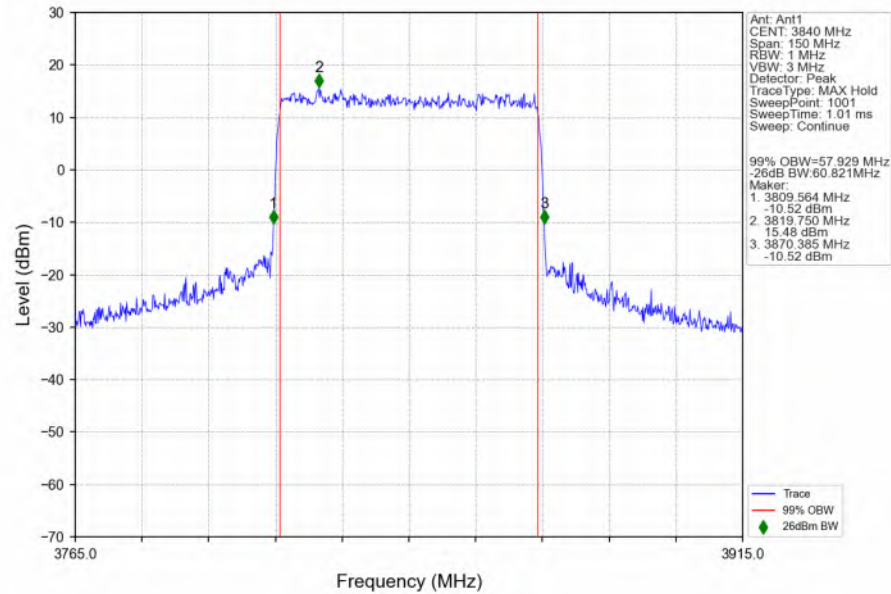


3.2.4 30_S_60M_NTNV

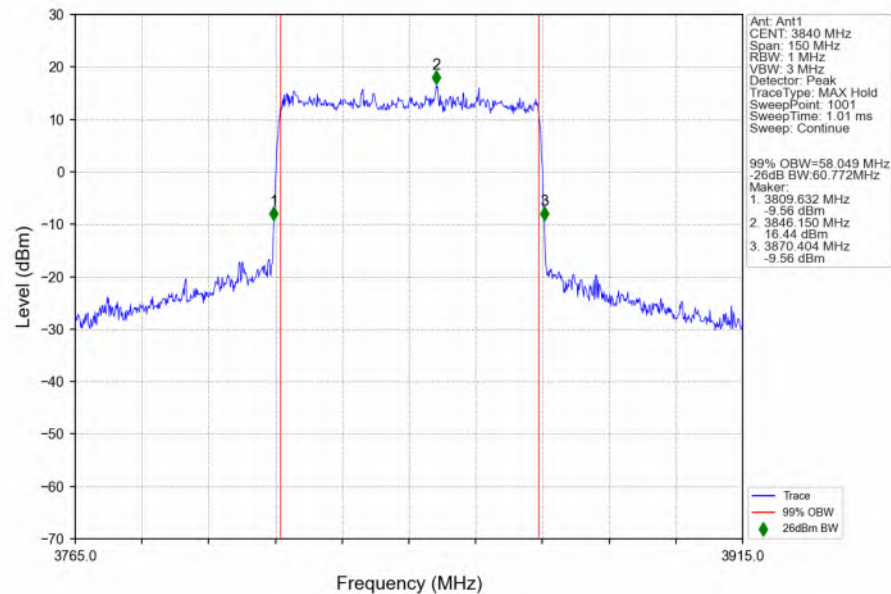




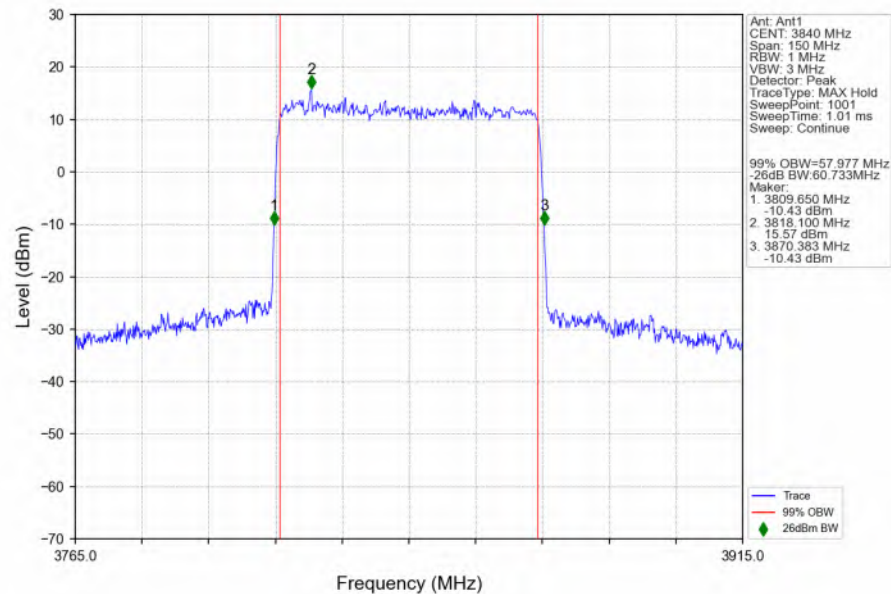
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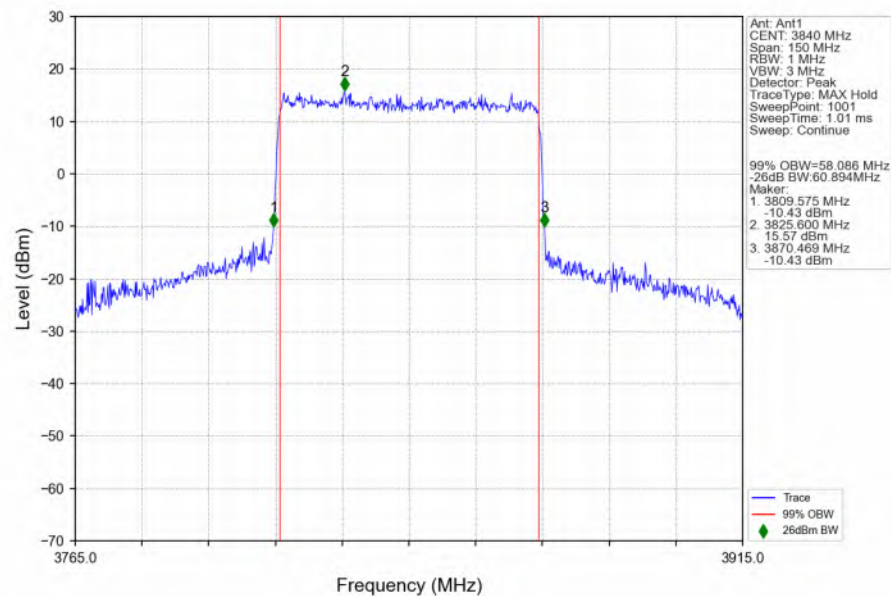
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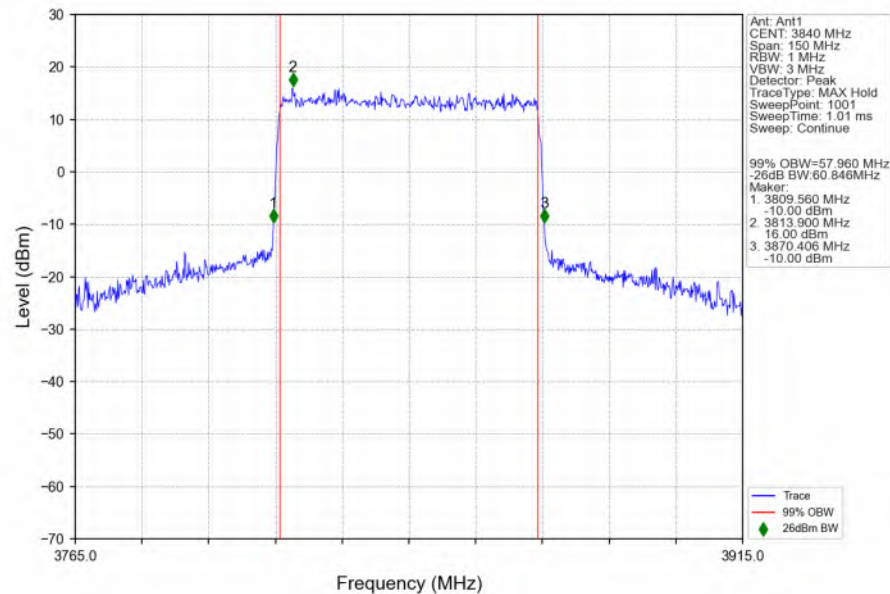
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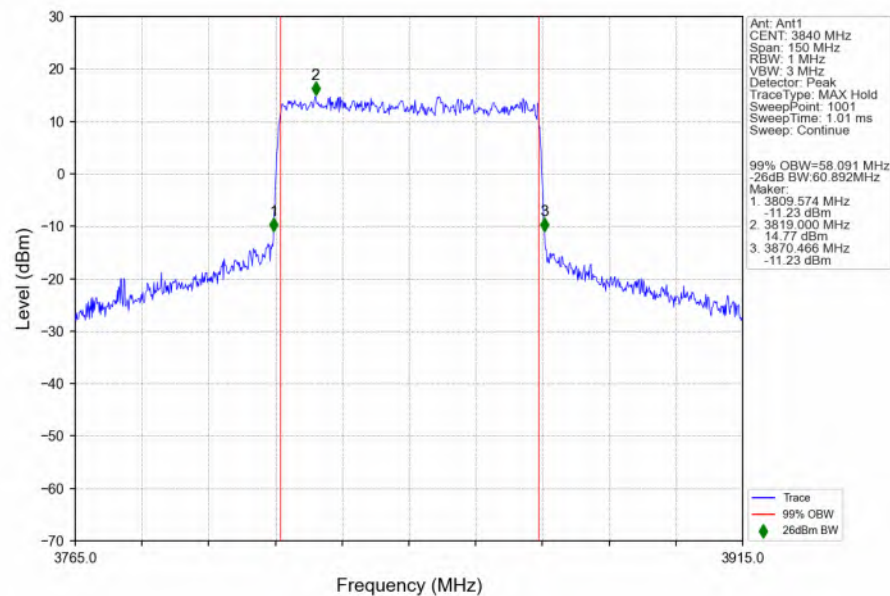
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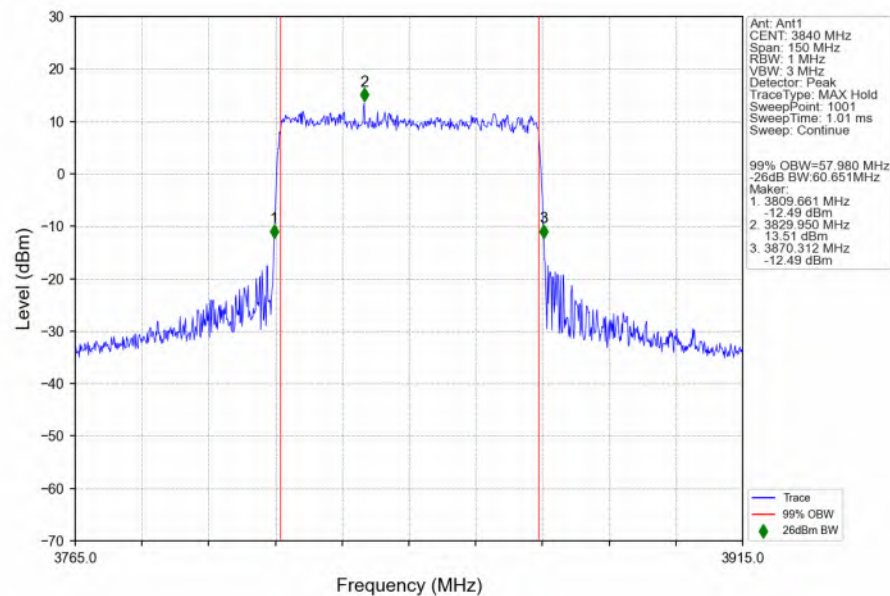
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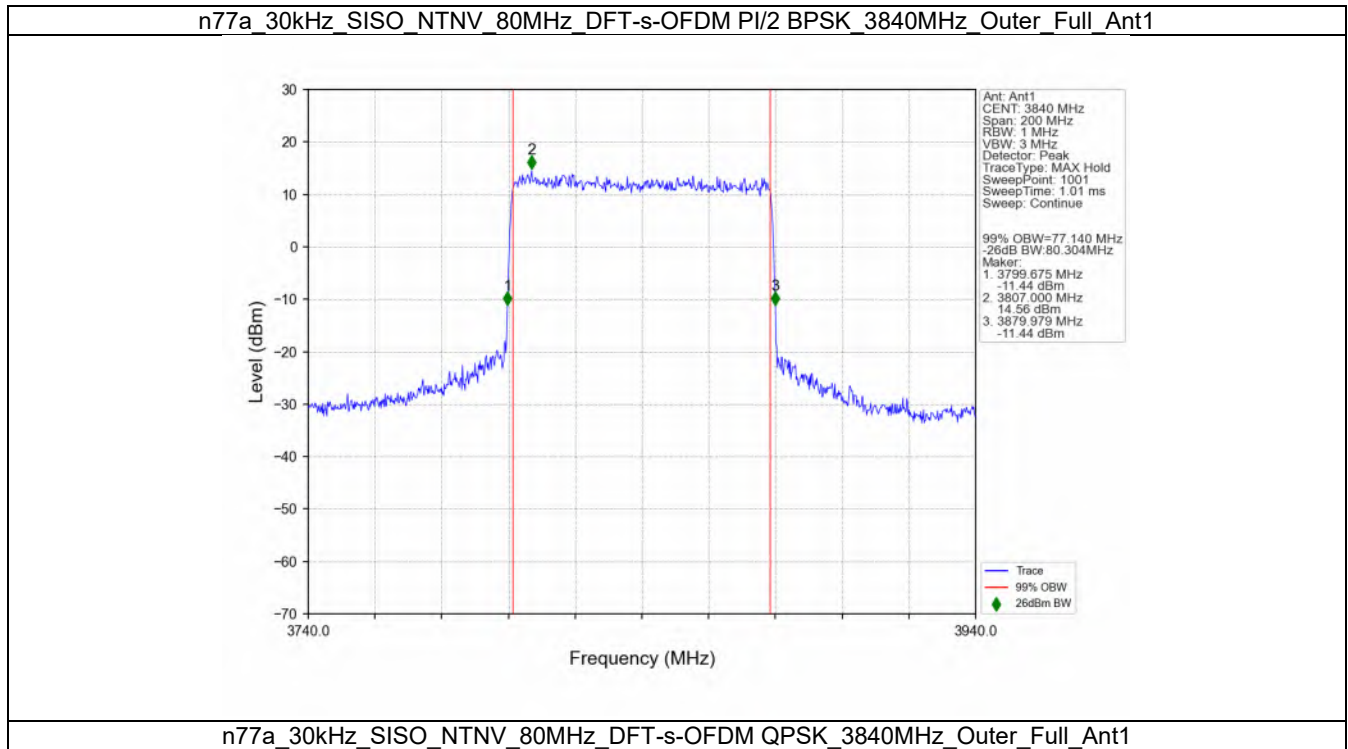
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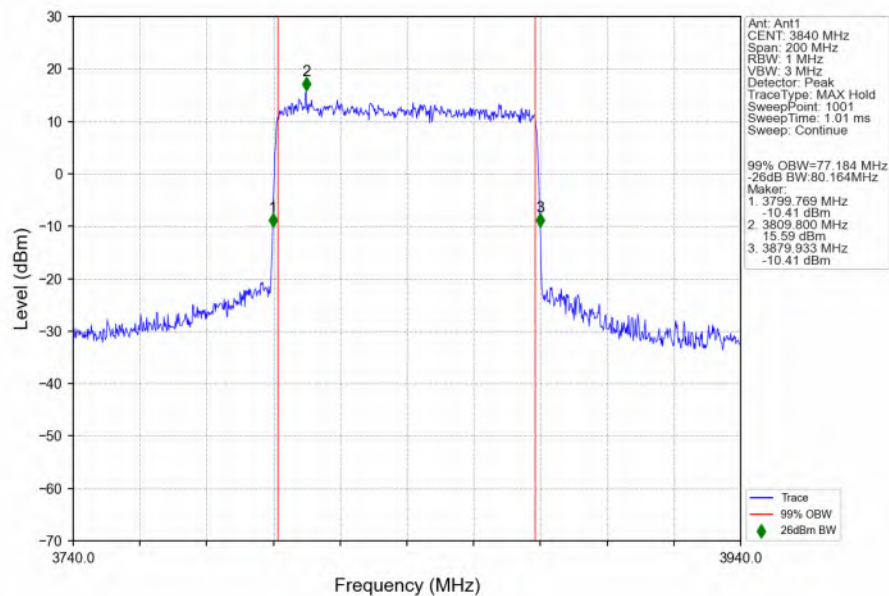


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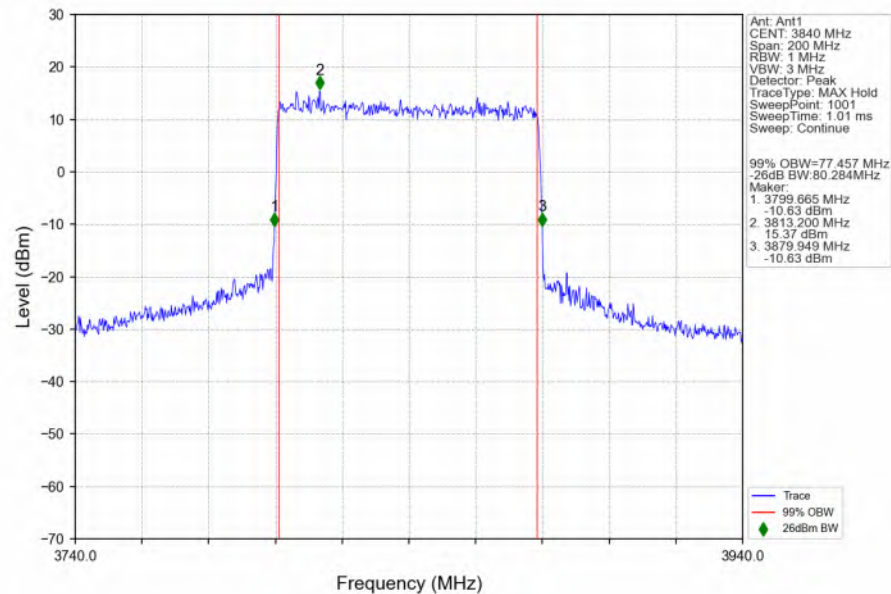


3.2.5 30_S_80M_NTNV

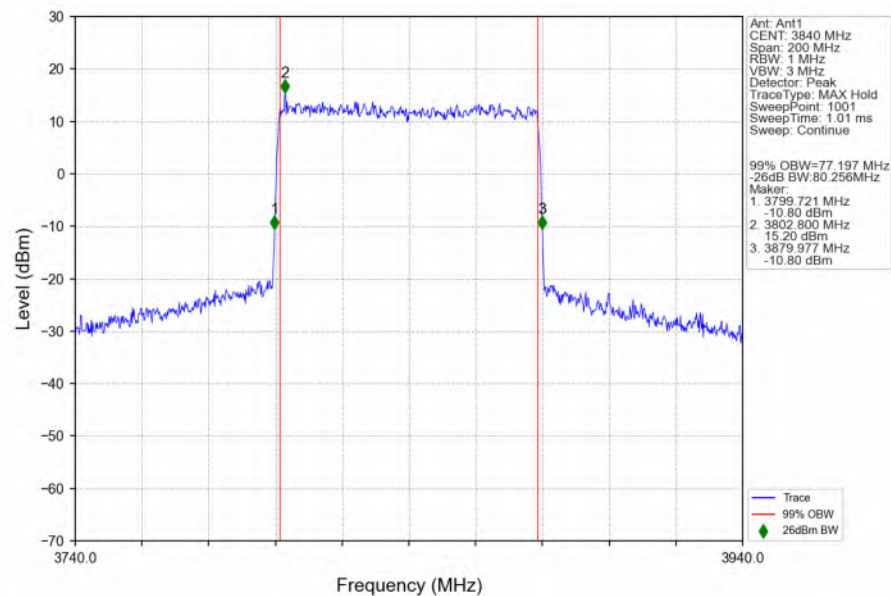




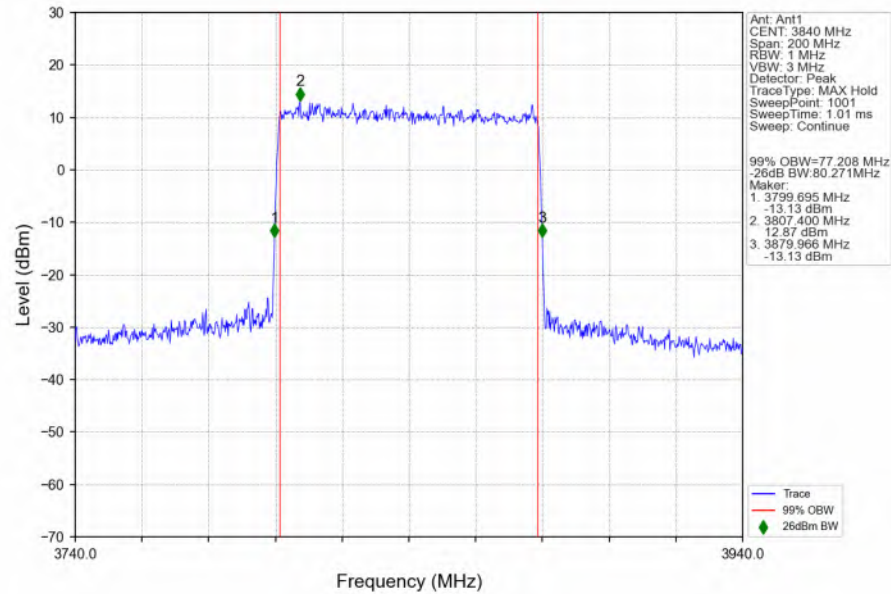
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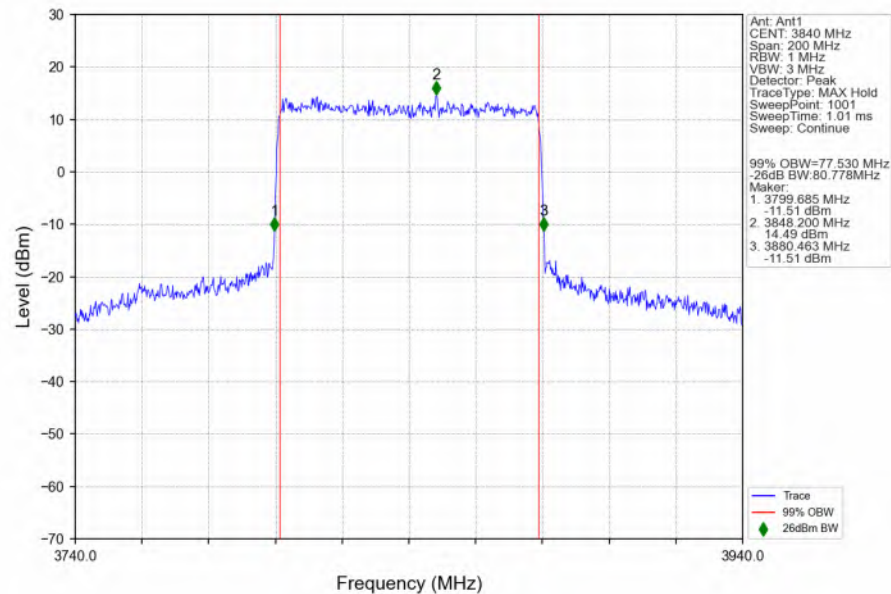
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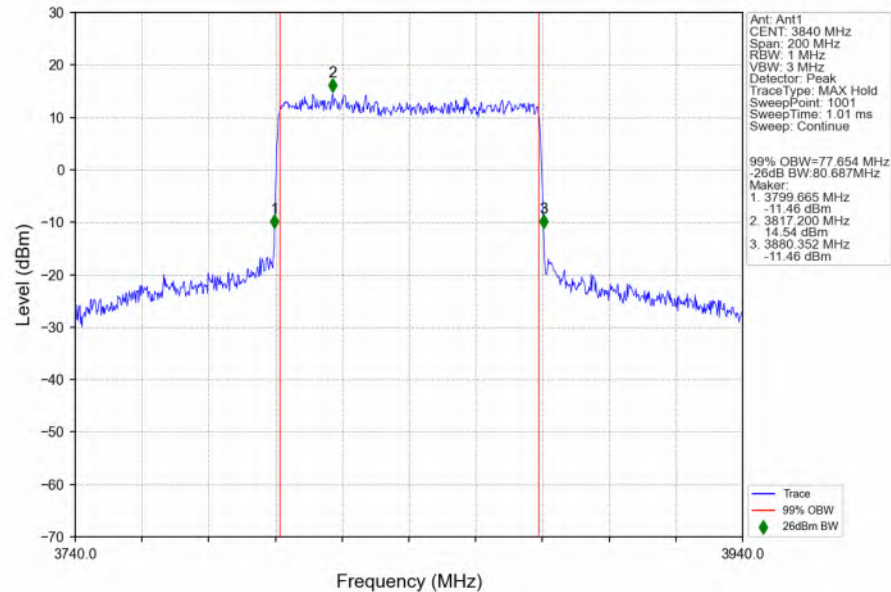
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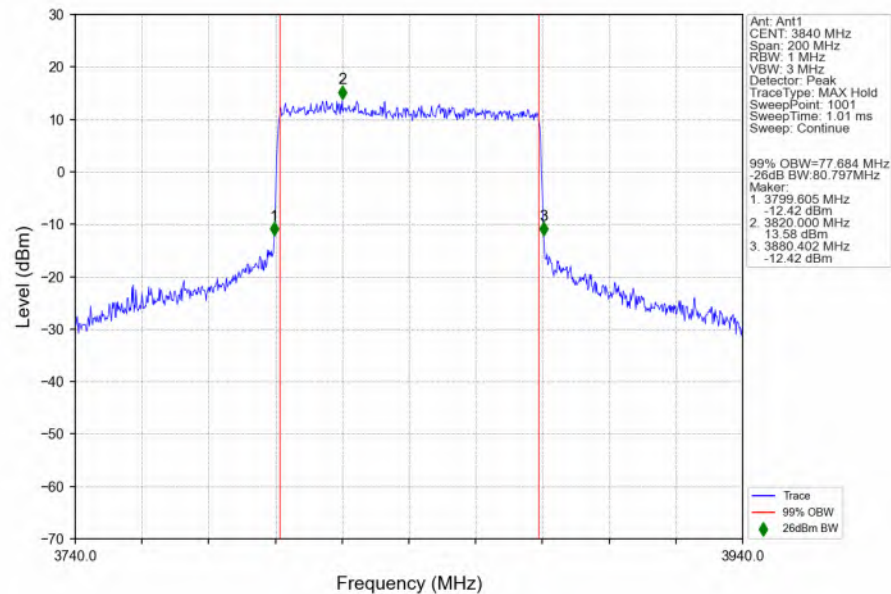
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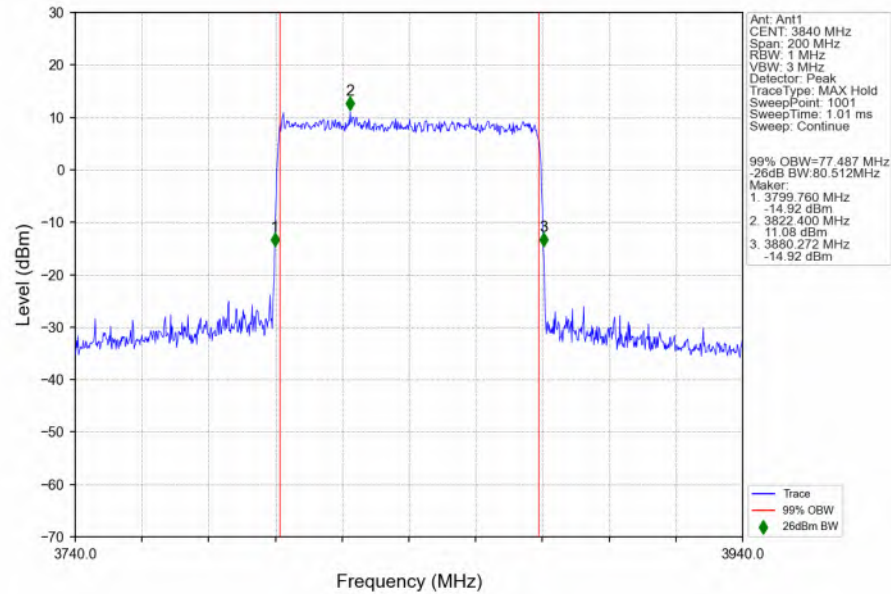
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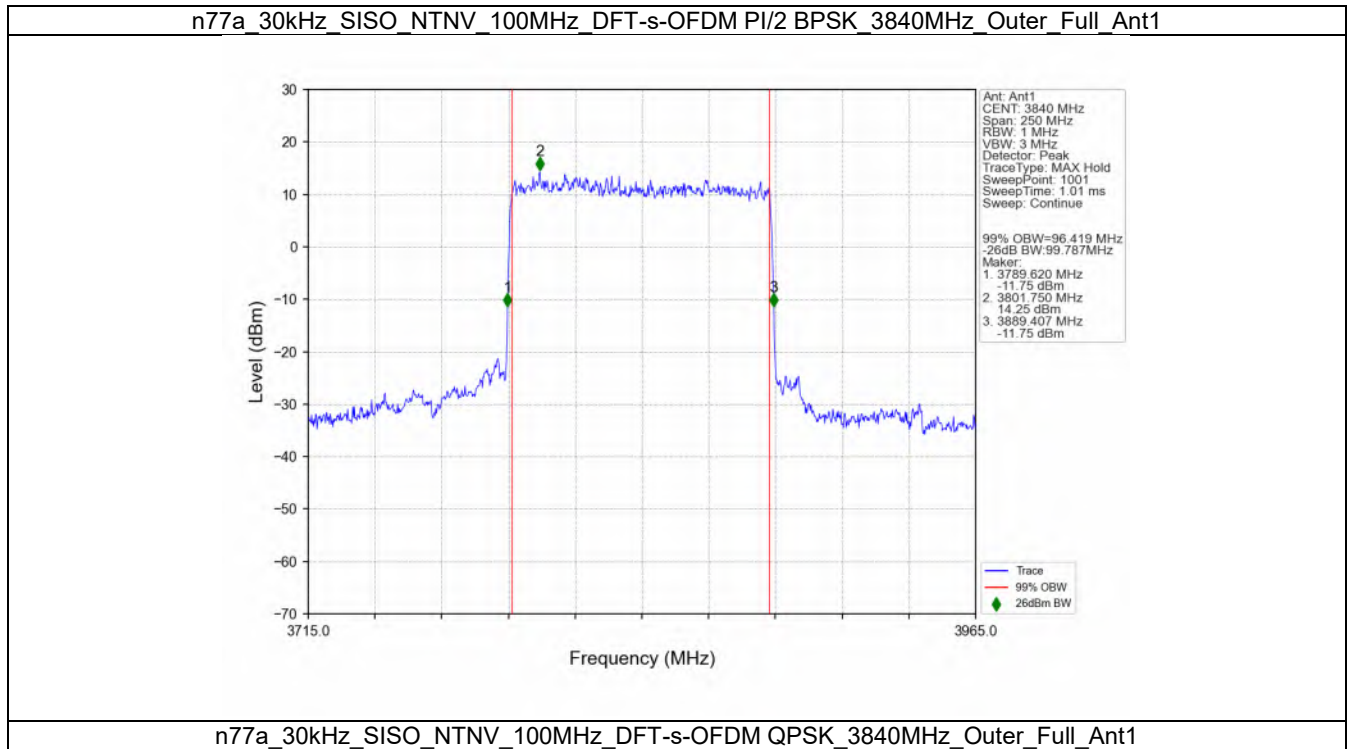
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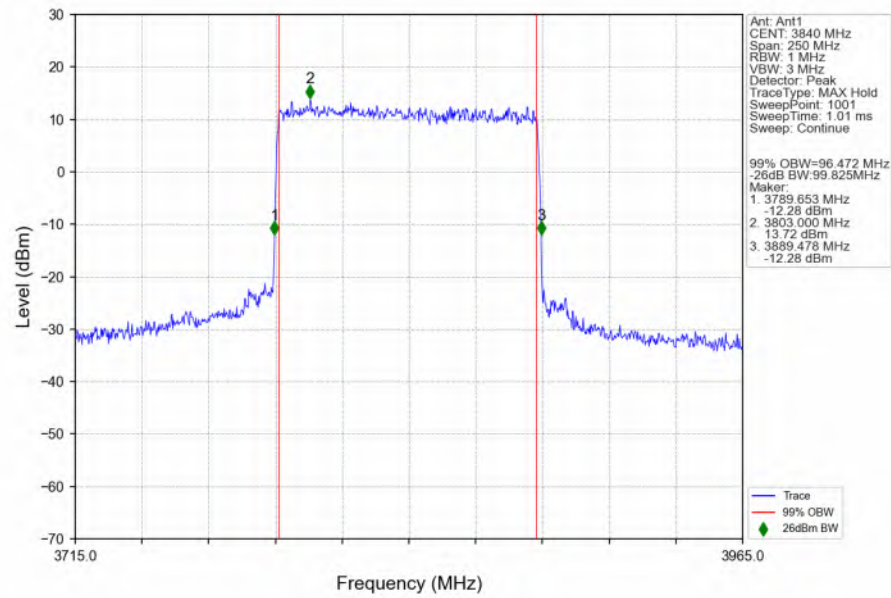


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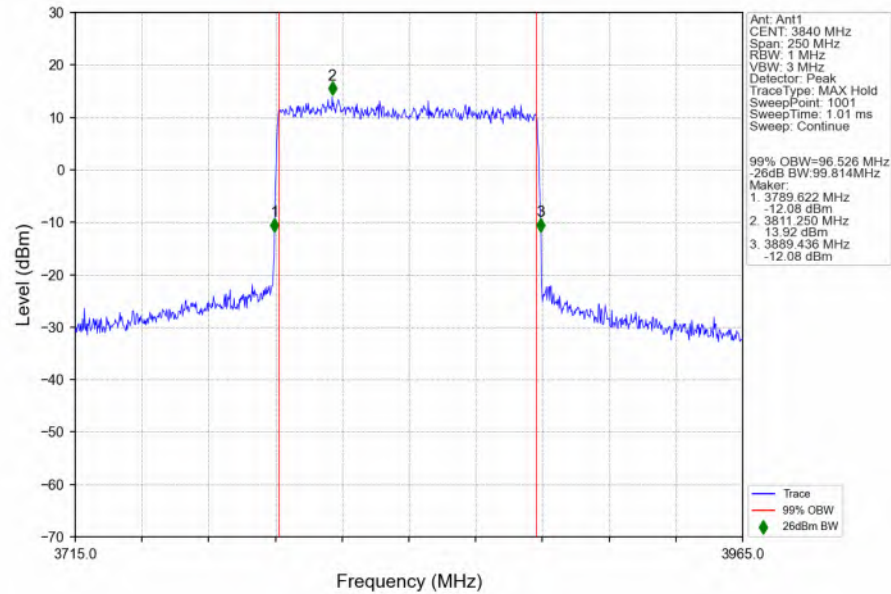


3.2.6 30_S_100M_NTNV

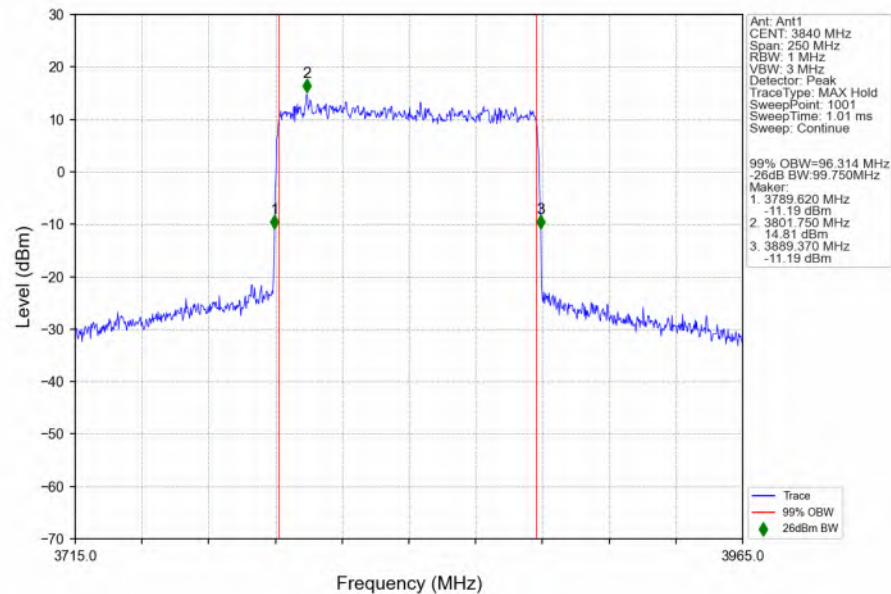




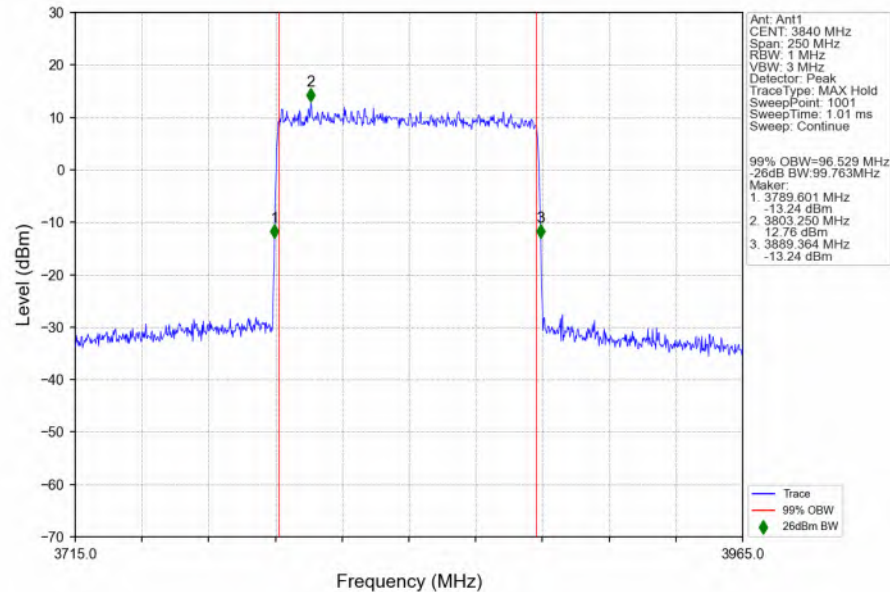
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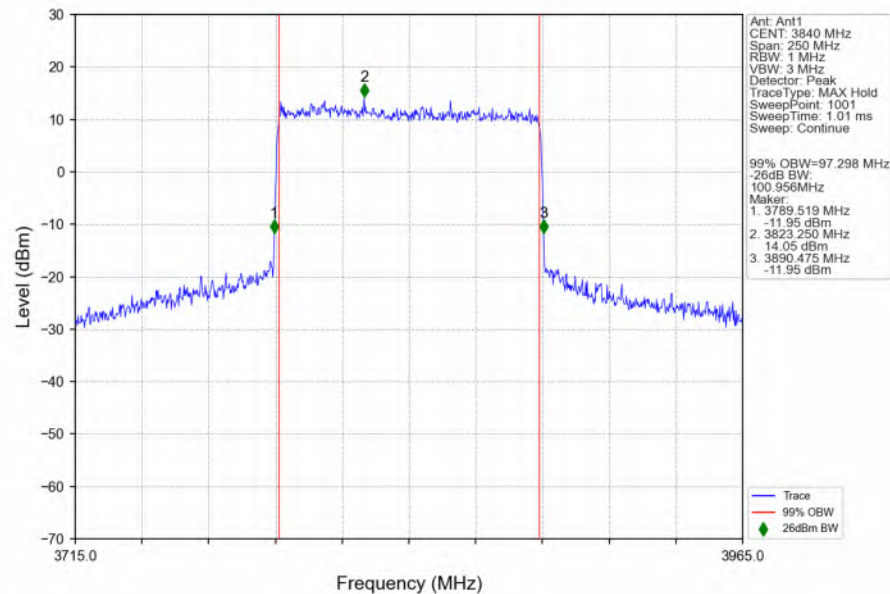
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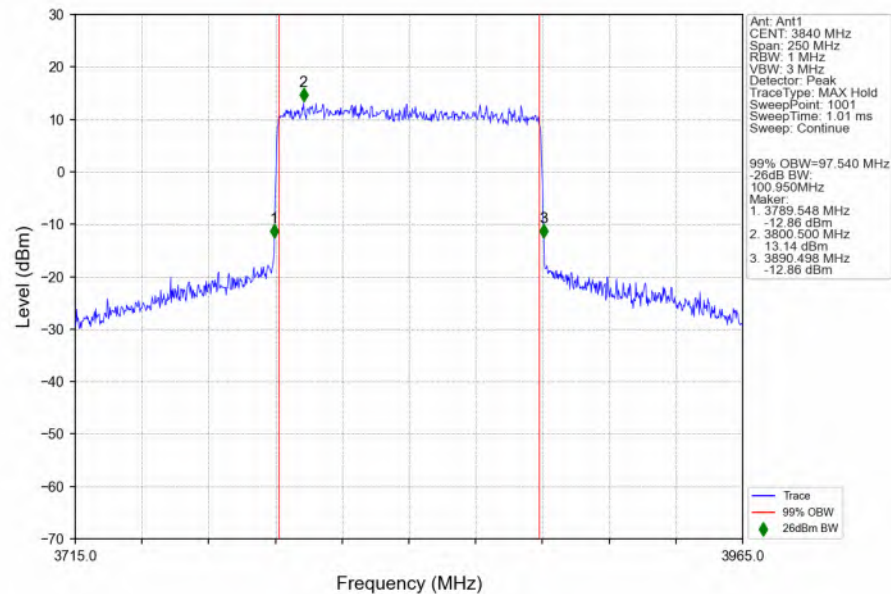
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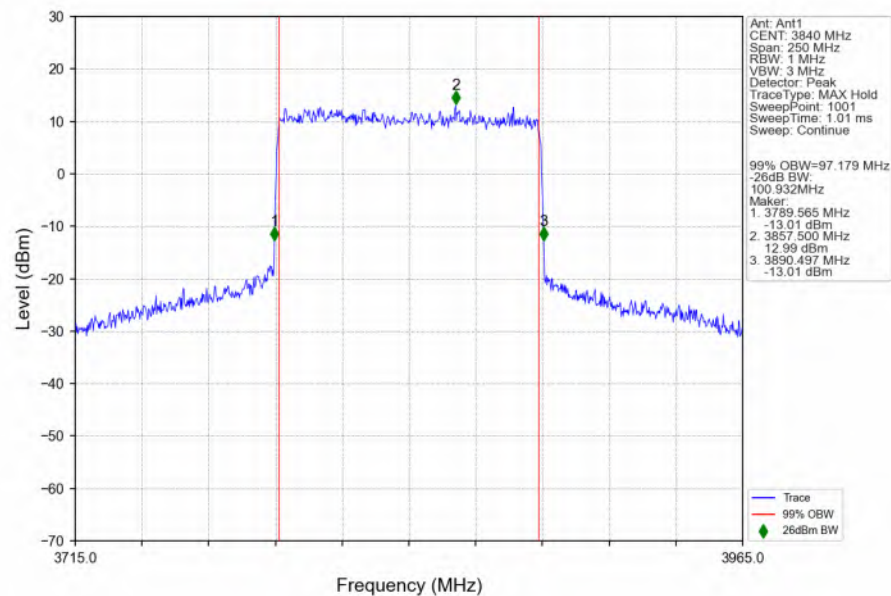
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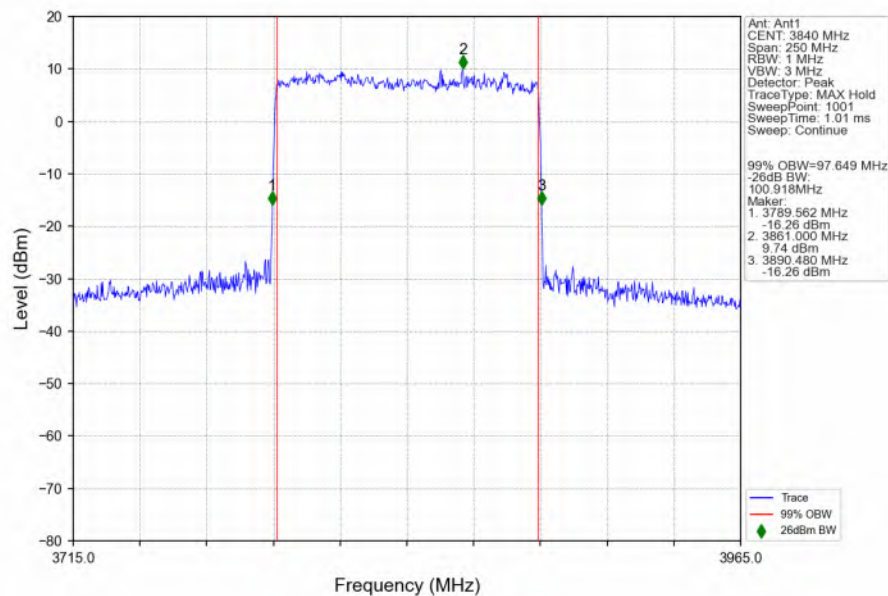
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3840MHz_Outer_Full_Ant1



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

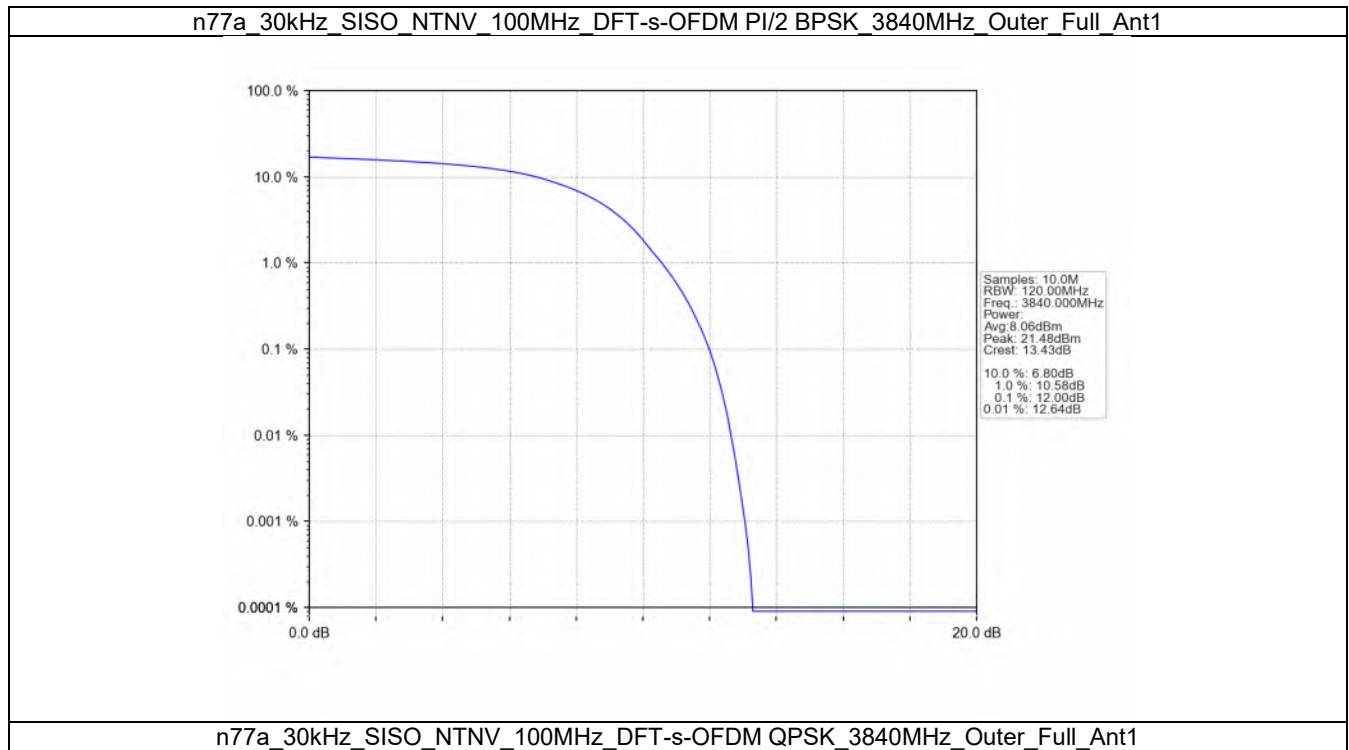
4.1.1 30_S_100M_NTNV

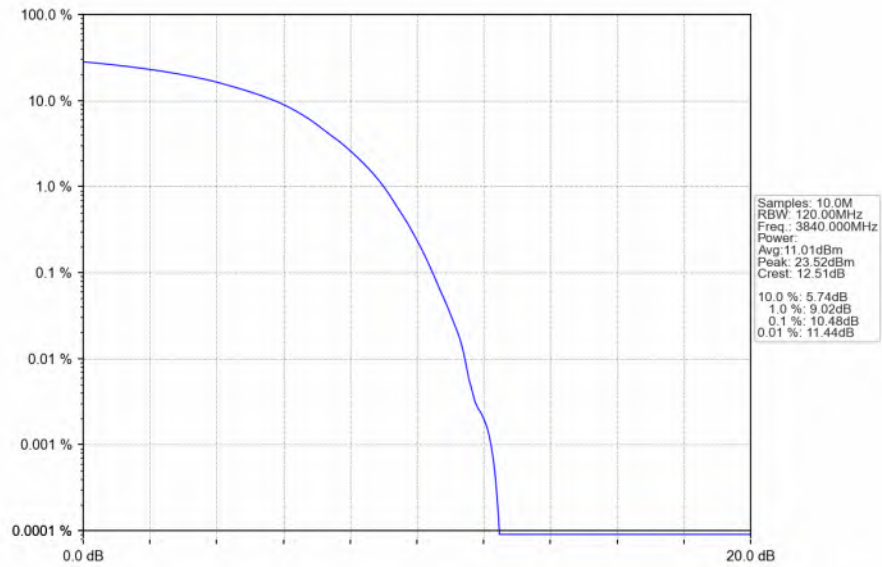
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	12.00	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	10.48	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer_Full	11.46	/	/	<=13	Pass



4.2 Test Graph

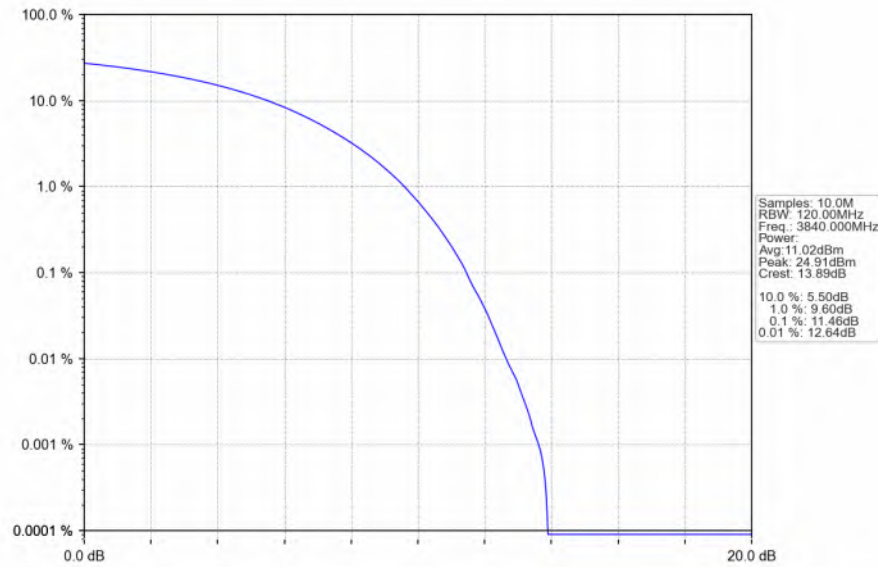
4.2.1 30_S_100M_NTNV







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
							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
							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
							Pass

5.1.4 30_M_20M_NTNV

5G NR n77a SCS=30kHz MIMO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3969.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

5.1.5 30_M_80M_NTNV

5G NR n77a SCS=30kHz MIMO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3740.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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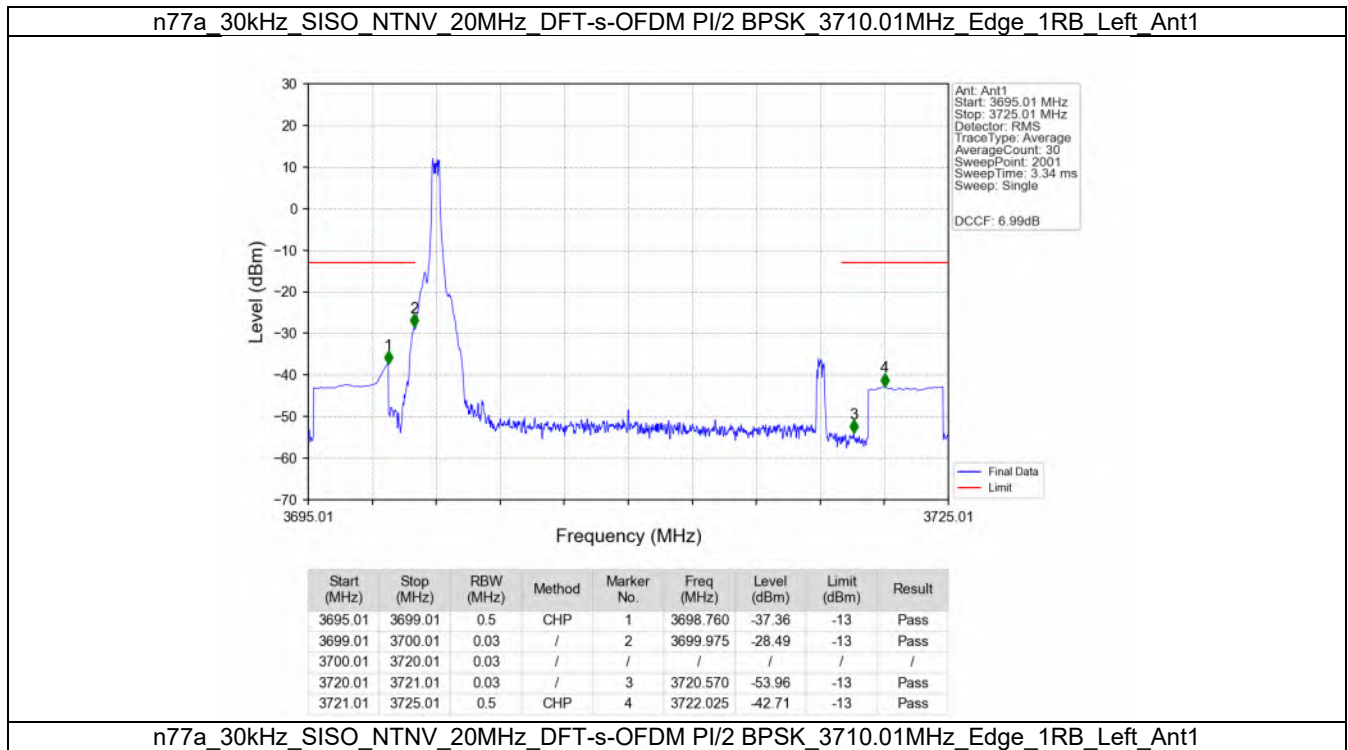
			Refer To Test Graph	Pass
	3939.99	Edge_1RB_Right	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass

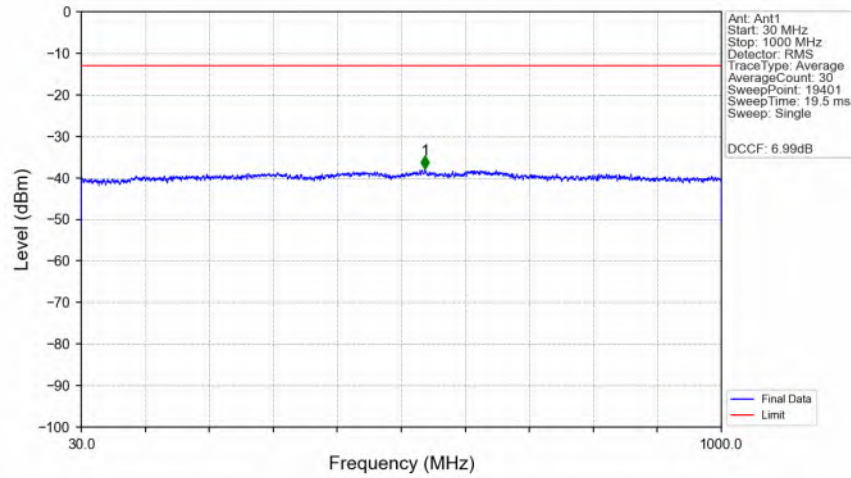
5.1.6 30_M_100M_NTNV

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

5.2 Test Graph

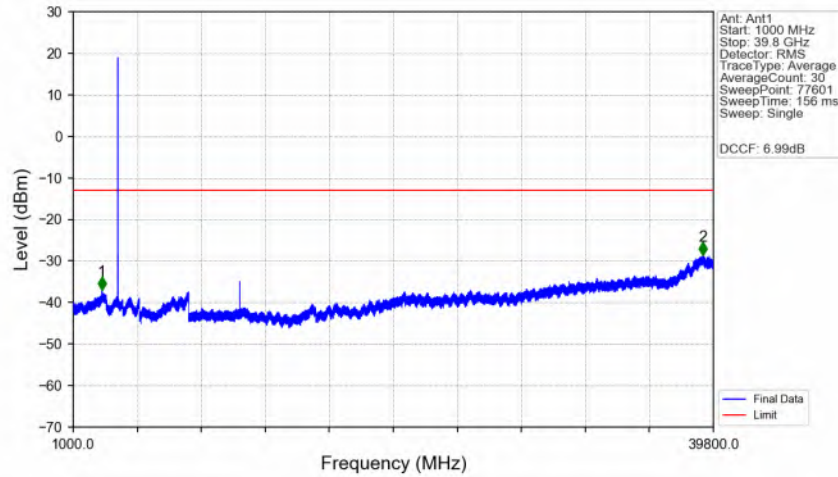
5.2.1 30_S_20M_NTNV





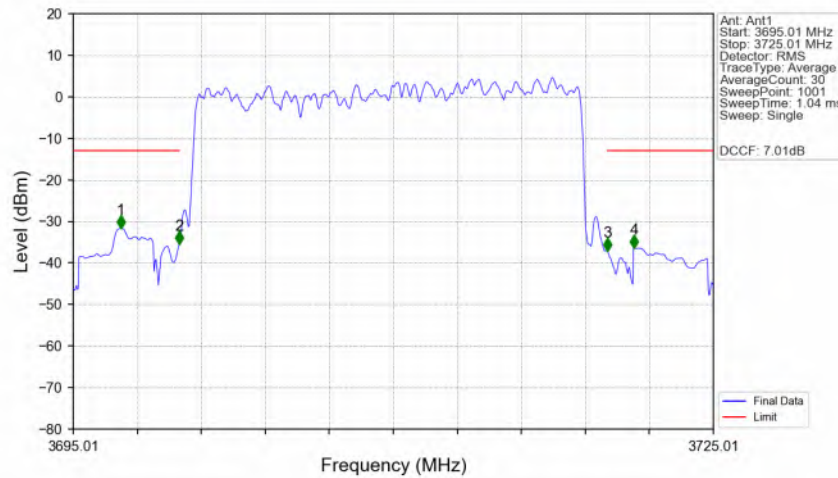
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.000	-37.87	-13	Pass

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



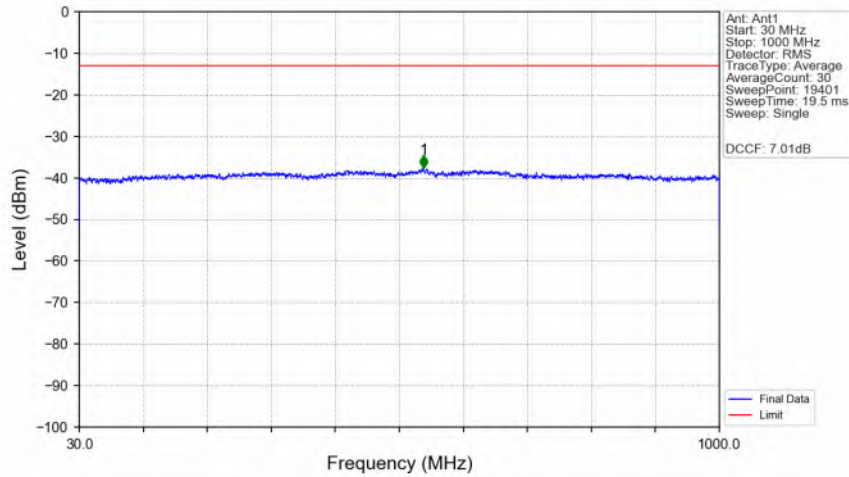
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	2741.000	-36.98	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	39167.500	-28.68	-13	Pass

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

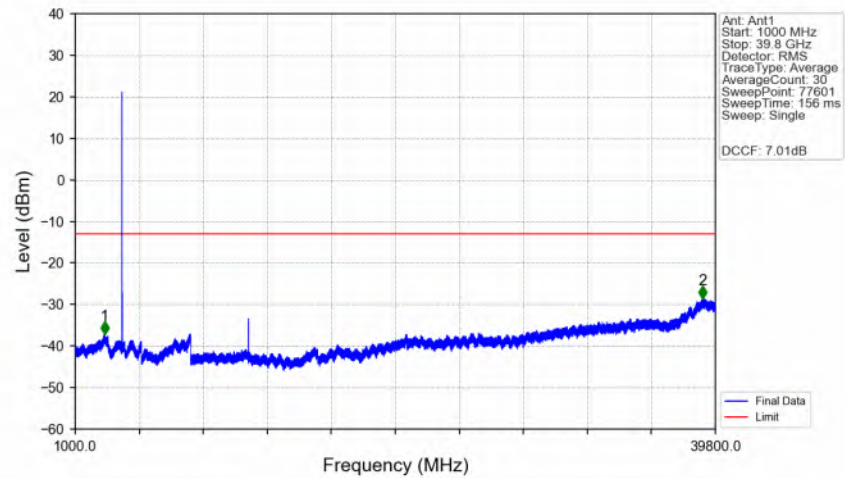


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3699.01	0.5	CHP	1	3697.230	-31.63	-13	Pass
3699.01	3700.01	0.18829	CHP	2	3699.990	-35.55	-13	Pass
3700.01	3720.01	0.18829	CHP	/	/	/	/	/
3720.01	3721.01	0.18829	CHP	3	3720.030	-37.10	-13	Pass
3721.01	3725.01	0.5	CHP	4	3721.290	-36.37	-13	Pass

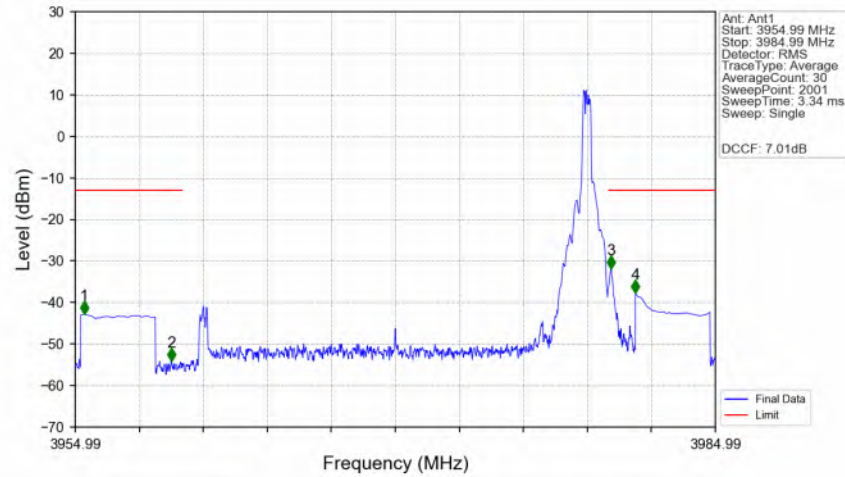
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left_Ant1

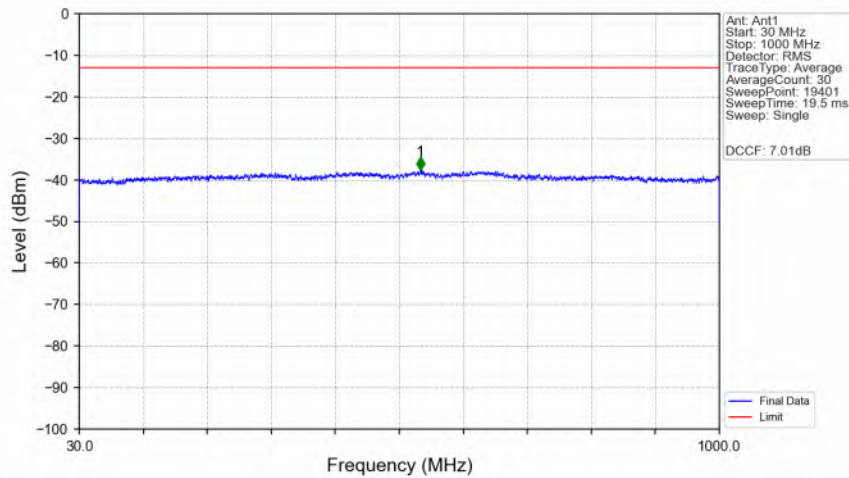


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3958.99	0.5	CHP	1	3955.410	-42.74	-13	Pass
3958.99	3959.99	0.03	/	2	3959.490	-54.15	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	3	3980.100	-31.79	-13	Pass
3980.99	3984.99	0.5	CHP	4	3981.240	-37.71	-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	546.750	-37.61	-13	Pass