



Appendix A.28

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.36	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.61	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.77	/	/	<=30	Pass
		Inner_Full	26.05	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.22	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.72	/	/	<=30	Pass
		Outer_Full	25.70	/	/	22.91	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	23.32	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	22.83	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.86	/	/	<=30	Pass
		Outer_Full	25.86	/	/	23.07	/	/	<=30	Pass
		Inner_Full	26.40	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	23.52	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.35	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	19.64	/	/	<=30	Pass
		Outer_Full	25.04	/	/	22.25	/	/	<=30	Pass
		Inner_Full	26.03	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.21	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.53	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.72	/	/	<=30	Pass
		Outer_Full	25.15	/	/	22.36	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.20	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	22.78	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	17.48	/	/	14.69	/	/	<=30	Pass
		Outer_Full	25.37	/	/	22.58	/	/	<=30	Pass
		Inner_Full	26.32	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	23.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.43	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.98	/	/	21.19	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.17	/	/	<=30	Pass

		Inner_1RB_Left	24.88	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	22.17	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.61	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.72	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.35	/	/	<=30	Pass
		Inner_Full	25.16	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	22.25	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	22.54	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.77	/	/	<=30	Pass
		Outer_Full	24.33	/	/	21.54	/	/	<=30	Pass
		Inner_Full	25.25	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	22.35	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.65	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.62	/	/	<=30	Pass
		Outer_Full	23.55	/	/	20.76	/	/	<=30	Pass
		Inner_Full	23.42	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	20.73	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.49	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.91	/	/	<=30	Pass
		Outer_Full	23.66	/	/	20.87	/	/	<=30	Pass
		Inner_Full	23.60	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	20.71	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	22.63	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.93	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.02	/	/	<=30	Pass
		Inner_Full	23.82	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	21.51	/	/	18.72	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	18.71	/	/	<=30	Pass
		Outer_Full	21.47	/	/	18.68	/	/	<=30	Pass
		Inner_Full	21.43	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	18.75	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.80	/	/	19.01	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	18.72	/	/	<=30	Pass
		Outer_Full	21.57	/	/	18.78	/	/	<=30	Pass
		Inner_Full	21.67	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	18.68	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.64	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	19.03	/	/	<=30	Pass
		Outer_Full	21.83	/	/	19.04	/	/	<=30	Pass
		Inner_Full	21.88	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	19.00	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.41	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	19.64	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.22	/	/	<=30	Pass

		Inner Full	24.41	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Left	24.60	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	20.14	/	/	<=30	Pass
	3840	Edge 1RB Left	22.57	/	/	19.78	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	19.80	/	/	<=30	Pass
		Outer Full	23.15	/	/	20.36	/	/	<=30	Pass
		Inner Full	24.62	/	/	21.83	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	21.94	/	/	<=30	Pass
		Inner 1RB Right	24.61	/	/	21.82	/	/	<=30	Pass
	3969.99	Edge 1RB Left	22.85	/	/	20.06	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	19.86	/	/	<=30	Pass
		Outer Full	23.27	/	/	20.48	/	/	<=30	Pass
		Inner Full	24.79	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Left	24.89	/	/	22.10	/	/	<=30	Pass
		Inner 1RB Right	24.91	/	/	22.12	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	22.46	/	/	19.67	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	19.70	/	/	<=30	Pass
		Outer Full	22.92	/	/	20.13	/	/	<=30	Pass
		Inner Full	23.99	/	/	21.20	/	/	<=30	Pass
		Inner 1RB Left	23.94	/	/	21.15	/	/	<=30	Pass
		Inner 1RB Right	24.19	/	/	21.40	/	/	<=30	Pass
	3840	Edge 1RB Left	22.35	/	/	19.56	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	19.73	/	/	<=30	Pass
		Outer Full	23.05	/	/	20.26	/	/	<=30	Pass
		Inner Full	24.07	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Left	24.12	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Right	24.06	/	/	21.27	/	/	<=30	Pass
	3969.99	Edge 1RB Left	22.81	/	/	20.02	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	19.82	/	/	<=30	Pass
		Outer Full	23.21	/	/	20.42	/	/	<=30	Pass
		Inner Full	24.31	/	/	21.52	/	/	<=30	Pass
		Inner 1RB Left	24.59	/	/	21.80	/	/	<=30	Pass
		Inner 1RB Right	24.32	/	/	21.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	22.34	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	20.19	/	/	<=30	Pass
		Outer Full	22.47	/	/	19.68	/	/	<=30	Pass
		Inner Full	22.53	/	/	19.74	/	/	<=30	Pass
		Inner 1RB Left	22.41	/	/	19.62	/	/	<=30	Pass
		Inner 1RB Right	22.52	/	/	19.73	/	/	<=30	Pass
	3840	Edge 1RB Left	22.38	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	19.55	/	/	<=30	Pass
		Outer Full	22.51	/	/	19.72	/	/	<=30	Pass
		Inner Full	22.54	/	/	19.75	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	19.81	/	/	<=30	Pass
		Inner 1RB Right	22.50	/	/	19.71	/	/	<=30	Pass
	3969.99	Edge 1RB Left	22.72	/	/	19.93	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	19.93	/	/	<=30	Pass
		Outer Full	22.76	/	/	19.97	/	/	<=30	Pass
		Inner Full	22.78	/	/	19.99	/	/	<=30	Pass
		Inner 1RB Left	22.84	/	/	20.05	/	/	<=30	Pass
		Inner 1RB Right	22.71	/	/	19.92	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge 1RB Left	19.60	/	/	16.81	/	/	<=30	Pass
		Edge 1RB Right	19.61	/	/	16.82	/	/	<=30	Pass



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		Outer_Full	19.50	/	/	16.71	/	/	<=30	Pass
		Inner_Full	19.47	/	/	16.68	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	16.74	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.66	/	/	16.87	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	16.76	/	/	<=30	Pass
		Outer_Full	19.54	/	/	16.75	/	/	<=30	Pass
		Inner_Full	19.57	/	/	16.78	/	/	<=30	Pass
	3969.99	Inner_1RB_Left	19.45	/	/	16.66	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	17.02	/	/	<=30	Pass
		Edge_1RB_Left	19.88	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	16.95	/	/	<=30	Pass
		Outer_Full	19.82	/	/	17.03	/	/	<=30	Pass
		Inner_Full	19.86	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Left	19.75	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	17.02	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -2.79dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 30_S_30M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.39	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.50	/	/	22.71	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	23.51	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.62	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.81	/	/	<=30	Pass
		Outer_Full	25.62	/	/	22.83	/	/	<=30	Pass
		Inner_Full	26.25	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.40	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	22.99	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.95	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.43	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	23.58	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.42	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.92	/	/	<=30	Pass
		Outer_Full	24.93	/	/	22.14	/	/	<=30	Pass
		Inner_Full	26.00	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	23.33	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.57	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.79	/	/	<=30	Pass
		Outer_Full	25.12	/	/	22.33	/	/	<=30	Pass

		Inner Full	26.22	/	/	23.43	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	23.28	/	/	<=30	Pass
		Inner 1RB Right	26.07	/	/	23.28	/	/	<=30	Pass
	3964.98	Edge 1RB Left	22.93	/	/	20.14	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	19.97	/	/	<=30	Pass
		Outer Full	25.34	/	/	22.55	/	/	<=30	Pass
		Inner Full	26.37	/	/	23.58	/	/	<=30	Pass
		Inner 1RB Left	26.50	/	/	23.71	/	/	<=30	Pass
		Inner 1RB Right	26.33	/	/	23.54	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	22.41	/	/	19.62	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.85	/	/	<=30	Pass
		Outer Full	23.96	/	/	21.17	/	/	<=30	Pass
		Inner Full	24.99	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Left	24.89	/	/	22.10	/	/	<=30	Pass
		Inner 1RB Right	25.15	/	/	22.36	/	/	<=30	Pass
	3840	Edge 1RB Left	22.69	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	19.89	/	/	<=30	Pass
		Outer Full	24.22	/	/	21.43	/	/	<=30	Pass
		Inner Full	23.24	/	/	20.45	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	22.36	/	/	<=30	Pass
		Inner 1RB Right	25.12	/	/	22.33	/	/	<=30	Pass
	3964.98	Edge 1RB Left	22.89	/	/	20.10	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.00	/	/	<=30	Pass
		Outer Full	24.37	/	/	21.58	/	/	<=30	Pass
		Inner Full	25.29	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Right	25.42	/	/	22.63	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	20.07	/	/	<=30	Pass
		Outer Full	23.50	/	/	20.71	/	/	<=30	Pass
		Inner Full	23.60	/	/	20.81	/	/	<=30	Pass
		Inner 1RB Left	23.66	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Right	23.73	/	/	20.94	/	/	<=30	Pass
	3840	Edge 1RB Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	19.70	/	/	<=30	Pass
		Outer Full	23.71	/	/	20.92	/	/	<=30	Pass
		Inner Full	23.76	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	20.74	/	/	<=30	Pass
	3964.98	Edge 1RB Left	22.95	/	/	20.16	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	20.12	/	/	<=30	Pass
		Outer Full	23.90	/	/	21.11	/	/	<=30	Pass
		Inner Full	23.82	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	24.15	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Right	23.64	/	/	20.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge 1RB Left	21.59	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	19.18	/	/	<=30	Pass
		Outer Full	21.66	/	/	18.87	/	/	<=30	Pass
		Inner Full	21.67	/	/	18.88	/	/	<=30	Pass
		Inner 1RB Left	21.56	/	/	18.77	/	/	<=30	Pass
		Inner 1RB Right	21.89	/	/	19.10	/	/	<=30	Pass
	3840	Edge 1RB Left	21.53	/	/	18.74	/	/	<=30	Pass
		Edge 1RB Right	21.72	/	/	18.93	/	/	<=30	Pass

		Outer Full	21.76	/	/	18.97	/	/	<=30	Pass
		Inner Full	21.68	/	/	18.89	/	/	<=30	Pass
		Inner 1RB Left	21.76	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Right	21.62	/	/	18.83	/	/	<=30	Pass
	3964.98	Edge 1RB Left	22.24	/	/	19.45	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	18.95	/	/	<=30	Pass
		Outer Full	21.93	/	/	19.14	/	/	<=30	Pass
		Inner Full	21.84	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Left	21.98	/	/	19.19	/	/	<=30	Pass
		Inner 1RB Right	21.94	/	/	19.15	/	/	<=30	Pass
		Edge 1RB Left	22.51	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	19.92	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Outer Full	23.06	/	/	20.27	/	/	<=30	Pass
		Inner Full	24.60	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Left	24.65	/	/	21.86	/	/	<=30	Pass
		Inner 1RB Right	24.86	/	/	22.07	/	/	<=30	Pass
	3840	Edge 1RB Left	22.64	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	19.91	/	/	<=30	Pass
		Outer Full	23.09	/	/	20.30	/	/	<=30	Pass
		Inner Full	24.62	/	/	21.83	/	/	<=30	Pass
	3964.98	Inner 1RB Left	24.75	/	/	21.96	/	/	<=30	Pass
		Inner 1RB Right	24.74	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Left	22.93	/	/	20.14	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.00	/	/	<=30	Pass
		Outer Full	23.29	/	/	20.50	/	/	<=30	Pass
		Inner Full	24.76	/	/	21.97	/	/	<=30	Pass
		Inner 1RB Left	25.02	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Right	24.94	/	/	22.15	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge 1RB Left	22.46	/	/	19.67	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	20.09	/	/	<=30	Pass
		Outer Full	23.10	/	/	20.31	/	/	<=30	Pass
		Inner Full	24.10	/	/	21.31	/	/	<=30	Pass
	3840	Inner 1RB Left	24.20	/	/	21.41	/	/	<=30	Pass
		Inner 1RB Right	24.50	/	/	21.71	/	/	<=30	Pass
		Edge 1RB Left	22.60	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	19.97	/	/	<=30	Pass
	3964.98	Outer Full	23.13	/	/	20.34	/	/	<=30	Pass
		Inner Full	24.17	/	/	21.38	/	/	<=30	Pass
		Inner 1RB Left	24.40	/	/	21.61	/	/	<=30	Pass
		Inner 1RB Right	24.37	/	/	21.58	/	/	<=30	Pass
		Edge 1RB Left	22.82	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	20.22	/	/	<=30	Pass
		Outer Full	23.30	/	/	20.51	/	/	<=30	Pass
		Inner Full	24.30	/	/	21.51	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Inner 1RB Left	24.60	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Right	24.34	/	/	21.55	/	/	<=30	Pass
		Edge 1RB Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	20.01	/	/	<=30	Pass
		Outer Full	22.65	/	/	19.86	/	/	<=30	Pass
		Inner Full	22.47	/	/	19.68	/	/	<=30	Pass
	3840	Inner 1RB Left	22.55	/	/	19.76	/	/	<=30	Pass
		Inner 1RB Right	22.82	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Left	22.64	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.85	/	/	<=30	Pass

		Edge 1RB Right	22.74	/	/	19.95	/	/	<=30	Pass	
		Outer Full	22.68	/	/	19.89	/	/	<=30	Pass	
		Inner Full	22.66	/	/	19.87	/	/	<=30	Pass	
		Inner 1RB Left	22.47	/	/	19.68	/	/	<=30	Pass	
		Inner 1RB Right	22.88	/	/	20.09	/	/	<=30	Pass	
	3964.98	Edge 1RB Left	23.12	/	/	20.33	/	/	<=30	Pass	
		Edge 1RB Right	22.83	/	/	20.04	/	/	<=30	Pass	
		Outer Full	22.92	/	/	20.13	/	/	<=30	Pass	
		Inner Full	22.97	/	/	20.18	/	/	<=30	Pass	
		Inner 1RB Left	23.02	/	/	20.23	/	/	<=30	Pass	
	Inner 1RB Right	22.59	/	/	19.80	/	/	<=30	Pass		
CP-OFDM 256 QAM	3715.02	Edge 1RB Left	19.41	/	/	16.62	/	/	<=30	Pass	
		Edge 1RB Right	19.69	/	/	16.90	/	/	<=30	Pass	
		Outer Full	19.55	/	/	16.76	/	/	<=30	Pass	
		Inner Full	19.54	/	/	16.75	/	/	<=30	Pass	
		Inner 1RB Left	19.42	/	/	16.63	/	/	<=30	Pass	
		Inner 1RB Right	19.48	/	/	16.69	/	/	<=30	Pass	
	3840	Edge 1RB Left	19.72	/	/	16.93	/	/	<=30	Pass	
		Edge 1RB Right	19.78	/	/	16.99	/	/	<=30	Pass	
		Outer Full	19.80	/	/	17.01	/	/	<=30	Pass	
		Inner Full	19.69	/	/	16.90	/	/	<=30	Pass	
		Inner 1RB Left	23.15	/	/	20.36	/	/	<=30	Pass	
		Inner 1RB Right	19.75	/	/	16.96	/	/	<=30	Pass	
	3964.98	Edge 1RB Left	20.14	/	/	17.35	/	/	<=30	Pass	
		Edge 1RB Right	19.88	/	/	17.09	/	/	<=30	Pass	
		Outer Full	19.95	/	/	17.16	/	/	<=30	Pass	
		Inner Full	19.93	/	/	17.14	/	/	<=30	Pass	
		Inner 1RB Left	20.22	/	/	17.43	/	/	<=30	Pass	
		Inner 1RB Right	19.74	/	/	16.95	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant1: -2.79dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_40M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 40MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge 1RB Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	19.77	/	/	<=30	Pass
		Outer Full	25.54	/	/	22.75	/	/	<=30	Pass
		Inner Full	26.16	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Left	25.93	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Right	26.11	/	/	23.32	/	/	<=30	Pass
	3840	Edge 1RB Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	19.65	/	/	<=30	Pass
		Outer Full	25.69	/	/	22.90	/	/	<=30	Pass
		Inner Full	26.07	/	/	23.28	/	/	<=30	Pass
		Inner 1RB Left	25.91	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Right	26.07	/	/	23.28	/	/	<=30	Pass
	3960	Edge 1RB Left	22.71	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	19.95	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	25.87	/	/	23.08	/	/	<=30	Pass
		Inner_Full	26.40	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	23.46	/	/	<=30	Pass
	3720	Edge_1RB_Left	22.46	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.83	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.28	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.32	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.83	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.72	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	25.17	/	/	22.38	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.15	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.64	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.24	/	/	22.45	/	/	<=30	Pass
		Inner_Full	26.32	/	/	23.53	/	/	<=30	Pass
	3960	Inner_1RB_Left	26.13	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Left	22.55	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.89	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.99	/	/	21.20	/	/	<=30	Pass
		Inner_Full	25.03	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	22.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.46	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	19.64	/	/	<=30	Pass
		Outer_Full	24.18	/	/	21.39	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.43	/	/	<=30	Pass
	3960	Inner_1RB_Left	24.86	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	22.21	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.90	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	24.33	/	/	21.54	/	/	<=30	Pass
		Inner_Full	25.36	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	22.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.53	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.60	/	/	20.81	/	/	<=30	Pass
		Inner_Full	23.68	/	/	20.89	/	/	<=30	Pass
	3960	Inner_1RB_Left	23.57	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Left	22.42	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.74	/	/	<=30	Pass
DFT-s-OFDM 1024 QAM	3720	Outer_Full	23.70	/	/	20.91	/	/	<=30	Pass
		Inner_Full	23.78	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	20.64	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.64	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.17	/	/	22.38	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.47	/	/	<=30	Pass
	3960	Inner_1RB_Left	25.90	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Left	22.64	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.92	/	/	<=30	Pass

		Edge 1RB Right	22.98	/	/	20.19	/	/	<=30	Pass
		Outer Full	23.87	/	/	21.08	/	/	<=30	Pass
		Inner Full	23.88	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Left	23.61	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Right	23.72	/	/	20.93	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Left	21.78	/	/	18.99	/	/	<=30	Pass
		Edge 1RB Right	21.76	/	/	18.97	/	/	<=30	Pass
		Outer Full	21.56	/	/	18.77	/	/	<=30	Pass
		Inner Full	21.81	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Left	21.76	/	/	18.97	/	/	<=30	Pass
	3840	Inner 1RB Right	21.87	/	/	19.08	/	/	<=30	Pass
		Edge 1RB Left	21.29	/	/	18.50	/	/	<=30	Pass
		Edge 1RB Right	21.57	/	/	18.78	/	/	<=30	Pass
		Outer Full	21.67	/	/	18.88	/	/	<=30	Pass
		Inner Full	21.78	/	/	18.99	/	/	<=30	Pass
	3960	Inner 1RB Left	21.38	/	/	18.59	/	/	<=30	Pass
		Inner 1RB Right	21.59	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Left	21.80	/	/	19.01	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	18.79	/	/	<=30	Pass
		Outer Full	21.81	/	/	19.02	/	/	<=30	Pass
CP-OFDM QPSK	3720	Inner Full	21.88	/	/	19.09	/	/	<=30	Pass
		Inner 1RB Left	22.16	/	/	19.37	/	/	<=30	Pass
		Inner 1RB Right	21.79	/	/	19.00	/	/	<=30	Pass
		Edge 1RB Left	22.58	/	/	19.79	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	19.91	/	/	<=30	Pass
	3840	Outer Full	23.30	/	/	20.51	/	/	<=30	Pass
		Inner Full	24.73	/	/	21.94	/	/	<=30	Pass
		Inner 1RB Left	24.68	/	/	21.89	/	/	<=30	Pass
		Inner 1RB Right	24.78	/	/	21.99	/	/	<=30	Pass
		Edge 1RB Left	22.62	/	/	19.83	/	/	<=30	Pass
	3960	Edge 1RB Right	22.54	/	/	19.75	/	/	<=30	Pass
		Outer Full	23.27	/	/	20.48	/	/	<=30	Pass
		Inner Full	24.71	/	/	21.92	/	/	<=30	Pass
		Inner 1RB Left	24.53	/	/	21.74	/	/	<=30	Pass
		Inner 1RB Right	24.61	/	/	21.82	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge 1RB Left	22.69	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.00	/	/	<=30	Pass
		Outer Full	23.39	/	/	20.60	/	/	<=30	Pass
		Inner Full	24.77	/	/	21.98	/	/	<=30	Pass
		Inner 1RB Left	24.68	/	/	21.89	/	/	<=30	Pass
	3840	Inner 1RB Right	24.79	/	/	22.00	/	/	<=30	Pass
		Edge 1RB Left	22.73	/	/	19.94	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	19.81	/	/	<=30	Pass
		Outer Full	23.17	/	/	20.38	/	/	<=30	Pass
		Inner Full	24.13	/	/	21.34	/	/	<=30	Pass
	3960	Inner 1RB Left	24.01	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	24.20	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	19.63	/	/	<=30	Pass
		Outer Full	23.20	/	/	20.41	/	/	<=30	Pass

	3960	Edge_1RB_Left	22.73	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.09	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.46	/	/	<=30	Pass
		Inner_Full	24.29	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	21.52	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.68	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.91	/	/	<=30	Pass
		Outer_Full	22.62	/	/	19.83	/	/	<=30	Pass
		Inner_Full	22.58	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	19.87	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.40	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.72	/	/	<=30	Pass
		Outer_Full	22.63	/	/	19.84	/	/	<=30	Pass
		Inner_Full	22.69	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	19.64	/	/	<=30	Pass
	3960	Edge_1RB_Left	22.79	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.82	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.88	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	20.04	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	19.88	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	16.93	/	/	<=30	Pass
		Outer_Full	19.64	/	/	16.85	/	/	<=30	Pass
		Inner_Full	19.62	/	/	16.83	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Right	19.79	/	/	17.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.55	/	/	16.76	/	/	<=30	Pass
		Edge_1RB_Right	19.61	/	/	16.82	/	/	<=30	Pass
		Outer_Full	19.73	/	/	16.94	/	/	<=30	Pass
		Inner_Full	19.81	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Right	19.45	/	/	16.66	/	/	<=30	Pass
	3960	Edge_1RB_Left	19.89	/	/	17.10	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	17.15	/	/	<=30	Pass
		Outer_Full	19.89	/	/	17.10	/	/	<=30	Pass
		Inner_Full	19.90	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	16.92	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.79dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_50M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	3725.01	Edge_1RB_Left	22.64	/	/	19.85	/	/	<=30	Pass

BPSK		Edge 1RB Right	22.89	/	/	20.10	/	/	<=30	Pass
		Outer Full	25.76	/	/	22.97	/	/	<=30	Pass
		Inner Full	26.43	/	/	23.64	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	23.28	/	/	<=30	Pass
	3840	Inner 1RB Right	26.37	/	/	23.58	/	/	<=30	Pass
		Edge 1RB Left	22.59	/	/	19.80	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	19.90	/	/	<=30	Pass
		Outer Full	25.83	/	/	23.04	/	/	<=30	Pass
	3954.99	Inner Full	26.36	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Left	26.15	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Right	26.13	/	/	23.34	/	/	<=30	Pass
		Edge 1RB Left	22.91	/	/	20.12	/	/	<=30	Pass
	3954.99	Edge 1RB Right	22.86	/	/	20.07	/	/	<=30	Pass
		Outer Full	25.99	/	/	23.20	/	/	<=30	Pass
		Inner Full	26.64	/	/	23.85	/	/	<=30	Pass
		Inner 1RB Left	26.39	/	/	23.60	/	/	<=30	Pass
		Inner 1RB Right	26.35	/	/	23.56	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	22.45	/	/	19.66	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	19.98	/	/	<=30	Pass
		Outer Full	25.17	/	/	22.38	/	/	<=30	Pass
		Inner Full	26.23	/	/	23.44	/	/	<=30	Pass
	3840	Inner 1RB Left	25.81	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Right	26.19	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Left	22.60	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	19.80	/	/	<=30	Pass
	3954.99	Outer Full	25.23	/	/	22.44	/	/	<=30	Pass
		Inner Full	26.31	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	26.18	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Right	26.08	/	/	23.29	/	/	<=30	Pass
	3954.99	Edge 1RB Left	22.90	/	/	20.11	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	20.11	/	/	<=30	Pass
		Outer Full	25.51	/	/	22.72	/	/	<=30	Pass
		Inner Full	26.59	/	/	23.80	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Inner 1RB Left	26.36	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Right	26.29	/	/	23.50	/	/	<=30	Pass
		Edge 1RB Left	22.52	/	/	19.73	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	19.96	/	/	<=30	Pass
	3840	Outer Full	24.18	/	/	21.39	/	/	<=30	Pass
		Inner Full	25.17	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	22.06	/	/	<=30	Pass
		Inner 1RB Right	25.40	/	/	22.61	/	/	<=30	Pass
	3954.99	Edge 1RB Left	22.77	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	19.94	/	/	<=30	Pass
		Outer Full	24.29	/	/	21.50	/	/	<=30	Pass
		Inner Full	25.33	/	/	22.54	/	/	<=30	Pass
	3954.99	Inner 1RB Left	25.17	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Right	25.27	/	/	22.48	/	/	<=30	Pass
		Edge 1RB Left	23.22	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	20.17	/	/	<=30	Pass
	3954.99	Outer Full	24.53	/	/	21.74	/	/	<=30	Pass
		Inner Full	25.49	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Left	25.52	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	22.42	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.69	/	/	20.90	/	/	<=30	Pass
		Inner_Full	23.74	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.09	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.77	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.02	/	/	<=30	Pass
		Inner_Full	23.92	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	20.94	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	22.81	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.02	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.30	/	/	<=30	Pass
		Inner_Full	24.09	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	20.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	21.55	/	/	18.76	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.73	/	/	18.94	/	/	<=30	Pass
		Inner_Full	21.74	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	19.10	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.66	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	18.91	/	/	<=30	Pass
		Outer_Full	21.90	/	/	19.11	/	/	<=30	Pass
		Inner_Full	21.91	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	18.93	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.98	/	/	19.19	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	19.01	/	/	<=30	Pass
		Outer_Full	22.01	/	/	19.22	/	/	<=30	Pass
		Inner_Full	22.10	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	19.12	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.58	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	22.03	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.65	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.27	/	/	20.48	/	/	<=30	Pass
		Inner_Full	24.80	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	21.89	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	22.88	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.08	/	/	<=30	Pass
		Outer_Full	23.47	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	22.24	/	/	<=30	Pass

		Inner 1RB Right	24.95	/	/	22.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge 1RB Left	22.44	/	/	19.65	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.00	/	/	<=30	Pass
		Outer Full	23.07	/	/	20.28	/	/	<=30	Pass
		Inner Full	24.16	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Left	23.97	/	/	21.18	/	/	<=30	Pass
		Inner 1RB Right	24.21	/	/	21.42	/	/	<=30	Pass
	3840	Edge 1RB Left	22.77	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.85	/	/	<=30	Pass
		Outer Full	23.28	/	/	20.49	/	/	<=30	Pass
		Inner Full	24.35	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Left	24.24	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Right	24.27	/	/	21.48	/	/	<=30	Pass
	3954.99	Edge 1RB Left	22.82	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	20.09	/	/	<=30	Pass
		Outer Full	23.51	/	/	20.72	/	/	<=30	Pass
		Inner Full	24.63	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Left	24.42	/	/	21.63	/	/	<=30	Pass
		Inner 1RB Right	24.46	/	/	21.67	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge 1RB Left	22.59	/	/	19.80	/	/	<=30	Pass
		Edge 1RB Right	23.04	/	/	20.25	/	/	<=30	Pass
		Outer Full	22.70	/	/	19.91	/	/	<=30	Pass
		Inner Full	22.74	/	/	19.95	/	/	<=30	Pass
		Inner 1RB Left	22.59	/	/	19.80	/	/	<=30	Pass
		Inner 1RB Right	22.81	/	/	20.02	/	/	<=30	Pass
	3840	Edge 1RB Left	22.55	/	/	19.76	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.85	/	/	<=30	Pass
		Outer Full	22.80	/	/	20.01	/	/	<=30	Pass
		Inner Full	22.90	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	20.00	/	/	<=30	Pass
		Inner 1RB Right	22.71	/	/	19.92	/	/	<=30	Pass
	3954.99	Edge 1RB Left	22.88	/	/	20.09	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	19.96	/	/	<=30	Pass
		Outer Full	23.00	/	/	20.21	/	/	<=30	Pass
		Inner Full	23.09	/	/	20.30	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Right	22.68	/	/	19.89	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	19.85	/	/	17.06	/	/	<=30	Pass
		Edge 1RB Right	23.02	/	/	20.23	/	/	<=30	Pass
		Outer Full	19.74	/	/	16.95	/	/	<=30	Pass
		Inner Full	19.78	/	/	16.99	/	/	<=30	Pass
		Inner 1RB Left	19.62	/	/	16.83	/	/	<=30	Pass
		Inner 1RB Right	19.82	/	/	17.03	/	/	<=30	Pass
	3840	Edge 1RB Left	19.73	/	/	16.94	/	/	<=30	Pass
		Edge 1RB Right	19.67	/	/	16.88	/	/	<=30	Pass
		Outer Full	19.86	/	/	17.07	/	/	<=30	Pass
		Inner Full	19.91	/	/	17.12	/	/	<=30	Pass
		Inner 1RB Left	19.63	/	/	16.84	/	/	<=30	Pass
		Inner 1RB Right	19.99	/	/	17.20	/	/	<=30	Pass
	3954.99	Edge 1RB Left	20.01	/	/	17.22	/	/	<=30	Pass
		Edge 1RB Right	19.88	/	/	17.09	/	/	<=30	Pass
		Outer Full	20.04	/	/	17.25	/	/	<=30	Pass
		Inner Full	20.10	/	/	17.31	/	/	<=30	Pass



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		Inner_1RB_Left	20.05	/	/	17.26	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	17.29	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.79dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_60M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	22.43	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.79	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.77	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	23.32	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.52	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.62	/	/	<=30	Pass
		Outer_Full	25.63	/	/	22.84	/	/	<=30	Pass
		Inner_Full	26.29	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.25	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.53	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	19.73	/	/	<=30	Pass
		Outer_Full	25.54	/	/	22.75	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	22.44	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	19.73	/	/	<=30	Pass
		Outer_Full	25.01	/	/	22.22	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.35	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.53	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.65	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.40	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	23.26	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.57	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.66	/	/	<=30	Pass
		Outer_Full	25.05	/	/	22.26	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.22	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.66	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.96	/	/	<=30	Pass
		Outer_Full	24.10	/	/	21.31	/	/	<=30	Pass
		Inner_Full	25.07	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	22.22	/	/	<=30	Pass

	3840	Inner 1RB Right	25.14	/	/	22.35	/	/	<=30	Pass
		Edge 1RB Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	19.75	/	/	<=30	Pass
		Outer Full	24.03	/	/	21.24	/	/	<=30	Pass
		Inner Full	25.03	/	/	22.24	/	/	<=30	Pass
		Inner 1RB Left	24.91	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Right	24.86	/	/	22.07	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.66	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	19.67	/	/	<=30	Pass
		Outer Full	24.01	/	/	21.22	/	/	<=30	Pass
		Inner Full	24.92	/	/	22.13	/	/	<=30	Pass
		Inner 1RB Left	25.07	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	25.07	/	/	22.28	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge 1RB Left	22.78	/	/	19.99	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	19.84	/	/	<=30	Pass
		Outer Full	23.64	/	/	20.85	/	/	<=30	Pass
		Inner Full	23.64	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Left	23.46	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Right	23.83	/	/	21.04	/	/	<=30	Pass
	3840	Edge 1RB Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	19.58	/	/	<=30	Pass
		Outer Full	23.58	/	/	20.79	/	/	<=30	Pass
		Inner Full	23.49	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	23.52	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Right	23.48	/	/	20.69	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.60	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	19.79	/	/	<=30	Pass
		Outer Full	23.57	/	/	20.78	/	/	<=30	Pass
		Inner Full	23.54	/	/	20.75	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	20.69	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	20.74	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge 1RB Left	21.65	/	/	18.86	/	/	<=30	Pass
		Edge 1RB Right	21.81	/	/	19.02	/	/	<=30	Pass
		Outer Full	21.54	/	/	18.75	/	/	<=30	Pass
		Inner Full	21.55	/	/	18.76	/	/	<=30	Pass
		Inner 1RB Left	21.28	/	/	18.49	/	/	<=30	Pass
		Inner 1RB Right	21.66	/	/	18.87	/	/	<=30	Pass
	3840	Edge 1RB Left	21.49	/	/	18.70	/	/	<=30	Pass
		Edge 1RB Right	21.41	/	/	18.62	/	/	<=30	Pass
		Outer Full	21.63	/	/	18.84	/	/	<=30	Pass
		Inner Full	21.66	/	/	18.87	/	/	<=30	Pass
		Inner 1RB Left	21.58	/	/	18.79	/	/	<=30	Pass
		Inner 1RB Right	21.65	/	/	18.86	/	/	<=30	Pass
	3949.98	Edge 1RB Left	21.61	/	/	18.82	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	18.81	/	/	<=30	Pass
		Outer Full	21.55	/	/	18.76	/	/	<=30	Pass
		Inner Full	21.43	/	/	18.64	/	/	<=30	Pass
		Inner 1RB Left	21.59	/	/	18.80	/	/	<=30	Pass
		Inner 1RB Right	21.64	/	/	18.85	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge 1RB Left	22.52	/	/	19.73	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	19.86	/	/	<=30	Pass
		Outer Full	22.88	/	/	20.09	/	/	<=30	Pass
		Inner Full	24.54	/	/	21.75	/	/	<=30	Pass

		Inner_1RB_Left	24.72	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	21.92	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.66	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.26	/	/	<=30	Pass
		Inner_Full	24.52	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	21.80	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.48	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.76	/	/	<=30	Pass
		Outer_Full	22.92	/	/	20.13	/	/	<=30	Pass
		Inner_Full	24.32	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	21.85	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.62	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.92	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	21.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.49	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.18	/	/	<=30	Pass
		Inner_Full	24.07	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	21.33	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.75	/	/	<=30	Pass
		Outer_Full	22.91	/	/	20.12	/	/	<=30	Pass
		Inner_Full	23.96	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	21.26	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.95	/	/	<=30	Pass
		Outer_Full	22.61	/	/	19.82	/	/	<=30	Pass
		Inner_Full	22.51	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	19.93	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.43	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.69	/	/	<=30	Pass
		Outer_Full	22.52	/	/	19.73	/	/	<=30	Pass
		Inner_Full	22.55	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	19.74	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.62	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.55	/	/	<=30	Pass
		Outer_Full	22.45	/	/	19.66	/	/	<=30	Pass
		Inner_Full	22.50	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	19.75	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	19.64	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	16.94	/	/	<=30	Pass
		Outer_Full	19.69	/	/	16.90	/	/	<=30	Pass

		Inner_Full	19.66	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	16.83	/	/	<=30	Pass
		Inner_1RB_Right	19.82	/	/	17.03	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.64	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	16.77	/	/	<=30	Pass
		Outer_Full	19.60	/	/	16.81	/	/	<=30	Pass
		Inner_Full	19.58	/	/	16.79	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Right	19.59	/	/	16.80	/	/	<=30	Pass
		3949.98	Edge_1RB_Left	19.71	/	/	16.92	/	/	<=30
	Edge_1RB_Right		19.62	/	/	16.83	/	/	<=30	Pass
	Outer_Full		19.48	/	/	16.69	/	/	<=30	Pass
	Inner_Full		19.42	/	/	16.63	/	/	<=30	Pass
	Inner_1RB_Left		19.30	/	/	16.51	/	/	<=30	Pass
	Inner_1RB_Right		19.59	/	/	16.80	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.79dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_70M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 70MHz 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	3735	Edge 1RB Left	22.38	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.00	/	/	<=30	Pass
		Outer Full	25.55	/	/	22.76	/	/	<=30	Pass
		Inner Full	26.14	/	/	23.35	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	23.09	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	23.43	/	/	<=30	Pass
	3840	Edge 1RB Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	19.73	/	/	<=30	Pass
		Outer Full	25.55	/	/	22.76	/	/	<=30	Pass
		Inner Full	26.20	/	/	23.41	/	/	<=30	Pass
		Inner 1RB Left	26.08	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	23.25	/	/	<=30	Pass
	3945	Edge 1RB Left	22.60	/	/	19.81	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	19.90	/	/	<=30	Pass
		Outer Full	25.53	/	/	22.74	/	/	<=30	Pass
		Inner Full	26.10	/	/	23.31	/	/	<=30	Pass
		Inner 1RB Left	26.12	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Right	26.12	/	/	23.33	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	22.35	/	/	19.56	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	19.91	/	/	<=30	Pass
		Outer Full	24.99	/	/	22.20	/	/	<=30	Pass
		Inner Full	26.06	/	/	23.27	/	/	<=30	Pass
		Inner 1RB Left	25.87	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	26.25	/	/	23.46	/	/	<=30	Pass
	3840	Edge 1RB Left	22.51	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	19.70	/	/	<=30	Pass
		Outer Full	25.08	/	/	22.29	/	/	<=30	Pass
		Inner Full	26.18	/	/	23.39	/	/	<=30	Pass

		Inner_1RB_Left	25.96	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	23.17	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.51	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.04	/	/	22.25	/	/	<=30	Pass
		Inner_Full	26.03	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	22.46	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.00	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.29	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	22.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.35	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	19.73	/	/	<=30	Pass
		Outer_Full	24.12	/	/	21.33	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	22.35	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.58	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.93	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.29	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	22.47	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.15	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.55	/	/	20.76	/	/	<=30	Pass
		Inner_Full	23.55	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	20.88	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.62	/	/	20.83	/	/	<=30	Pass
		Inner_Full	23.61	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	20.87	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.48	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.61	/	/	20.82	/	/	<=30	Pass
		Inner_Full	23.53	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	20.69	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.49	/	/	18.70	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	19.03	/	/	<=30	Pass
		Outer_Full	21.65	/	/	18.86	/	/	<=30	Pass
		Inner_Full	21.52	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	18.95	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.65	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	18.63	/	/	<=30	Pass
		Outer_Full	21.61	/	/	18.82	/	/	<=30	Pass

		Inner Full	21.69	/	/	18.90	/	/	<=30	Pass
		Inner 1RB Left	21.54	/	/	18.75	/	/	<=30	Pass
		Inner 1RB Right	21.96	/	/	19.17	/	/	<=30	Pass
	3945	Edge 1RB Left	21.57	/	/	18.78	/	/	<=30	Pass
		Edge 1RB Right	21.79	/	/	19.00	/	/	<=30	Pass
		Outer Full	21.61	/	/	18.82	/	/	<=30	Pass
		Inner Full	21.53	/	/	18.74	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	18.78	/	/	<=30	Pass
		Inner 1RB Right	21.89	/	/	19.10	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge 1RB Left	22.45	/	/	19.66	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	19.97	/	/	<=30	Pass
		Outer Full	23.02	/	/	20.23	/	/	<=30	Pass
		Inner Full	24.64	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Left	24.50	/	/	21.71	/	/	<=30	Pass
		Inner 1RB Right	24.95	/	/	22.16	/	/	<=30	Pass
	3840	Edge 1RB Left	22.62	/	/	19.83	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	19.86	/	/	<=30	Pass
		Outer Full	23.04	/	/	20.25	/	/	<=30	Pass
		Inner Full	24.61	/	/	21.82	/	/	<=30	Pass
		Inner 1RB Left	24.72	/	/	21.93	/	/	<=30	Pass
		Inner 1RB Right	24.84	/	/	22.05	/	/	<=30	Pass
	3945	Edge 1RB Left	22.53	/	/	19.74	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	19.94	/	/	<=30	Pass
		Outer Full	23.02	/	/	20.23	/	/	<=30	Pass
		Inner Full	24.53	/	/	21.74	/	/	<=30	Pass
		Inner 1RB Left	24.64	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Right	24.81	/	/	22.02	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge 1RB Left	22.66	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	20.01	/	/	<=30	Pass
		Outer Full	23.21	/	/	20.42	/	/	<=30	Pass
		Inner Full	24.19	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Left	24.11	/	/	21.32	/	/	<=30	Pass
		Inner 1RB Right	24.29	/	/	21.50	/	/	<=30	Pass
	3840	Edge 1RB Left	22.68	/	/	19.89	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.85	/	/	<=30	Pass
		Outer Full	23.02	/	/	20.23	/	/	<=30	Pass
		Inner Full	24.22	/	/	21.43	/	/	<=30	Pass
		Inner 1RB Left	24.08	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	24.05	/	/	21.26	/	/	<=30	Pass
	3945	Edge 1RB Left	22.64	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	19.94	/	/	<=30	Pass
		Outer Full	23.02	/	/	20.23	/	/	<=30	Pass
		Inner Full	24.00	/	/	21.21	/	/	<=30	Pass
		Inner 1RB Left	24.24	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Right	24.22	/	/	21.43	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge 1RB Left	22.53	/	/	19.74	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	20.06	/	/	<=30	Pass
		Outer Full	22.65	/	/	19.86	/	/	<=30	Pass
		Inner Full	22.70	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Left	22.77	/	/	19.98	/	/	<=30	Pass
		Inner 1RB Right	22.89	/	/	20.10	/	/	<=30	Pass
	3840	Edge 1RB Left	22.65	/	/	19.86	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	19.91	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	22.63	/	/	19.84	/	/	<=30	Pass
		Inner_Full	22.73	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	19.87	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.39	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.58	/	/	19.79	/	/	<=30	Pass
		Inner_Full	22.47	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Left	19.60	/	/	16.81	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	17.07	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Outer_Full	19.70	/	/	16.91	/	/	<=30	Pass
		Inner_Full	19.67	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	17.05	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.77	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	16.97	/	/	<=30	Pass
		Outer_Full	19.70	/	/	16.91	/	/	<=30	Pass
		Inner_Full	19.69	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	16.91	/	/	<=30	Pass
	3945	Edge_1RB_Left	19.73	/	/	16.94	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	16.95	/	/	<=30	Pass
		Outer_Full	19.62	/	/	16.83	/	/	<=30	Pass
		Inner_Full	19.54	/	/	16.75	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	16.81	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -2.79dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 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	22.51	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.67	/	/	22.88	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	23.45	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.70	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.85	/	/	<=30	Pass
		Outer_Full	25.63	/	/	22.84	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	23.32	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.65	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.78	/	/	<=30	Pass
		Outer_Full	25.57	/	/	22.78	/	/	<=30	Pass

		Inner Full	26.13	/	/	23.34	/	/	<=30	Pass
		Inner 1RB Left	26.21	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	23.25	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	19.93	/	/	<=30	Pass
		Outer Full	25.17	/	/	22.38	/	/	<=30	Pass
		Inner Full	26.18	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Left	25.98	/	/	23.19	/	/	<=30	Pass
		Inner 1RB Right	26.23	/	/	23.44	/	/	<=30	Pass
		Edge 1RB Left	22.57	/	/	19.78	/	/	<=30	Pass
	3840	Edge 1RB Right	22.65	/	/	19.86	/	/	<=30	Pass
		Outer Full	25.09	/	/	22.30	/	/	<=30	Pass
		Inner Full	26.16	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	23.28	/	/	<=30	Pass
		Inner 1RB Right	26.05	/	/	23.26	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.64	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	19.87	/	/	<=30	Pass
		Outer Full	25.00	/	/	22.21	/	/	<=30	Pass
		Inner Full	26.08	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	26.17	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Right	26.13	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.61	/	/	19.82	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	20.02	/	/	<=30	Pass
		Outer Full	24.22	/	/	21.43	/	/	<=30	Pass
		Inner Full	25.08	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Left	25.00	/	/	22.21	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	22.40	/	/	<=30	Pass
	3840	Edge 1RB Left	22.77	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	19.90	/	/	<=30	Pass
		Outer Full	24.13	/	/	21.34	/	/	<=30	Pass
		Inner Full	25.12	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	22.36	/	/	<=30	Pass
	3939.99	Inner 1RB Right	24.98	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Left	22.74	/	/	19.95	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	19.94	/	/	<=30	Pass
		Outer Full	24.11	/	/	21.32	/	/	<=30	Pass
		Inner Full	25.01	/	/	22.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Inner 1RB Left	25.24	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Right	25.12	/	/	22.33	/	/	<=30	Pass
		Edge 1RB Left	22.94	/	/	20.15	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	20.09	/	/	<=30	Pass
		Outer Full	23.60	/	/	20.81	/	/	<=30	Pass
		Inner Full	23.63	/	/	20.84	/	/	<=30	Pass
	3840	Inner 1RB Left	23.74	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Right	23.96	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Left	22.71	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	19.81	/	/	<=30	Pass
		Outer Full	23.57	/	/	20.78	/	/	<=30	Pass
		Inner Full	23.64	/	/	20.85	/	/	<=30	Pass
	3939.99	Inner 1RB Left	23.84	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Right	23.65	/	/	20.86	/	/	<=30	Pass
		Edge 1RB Left	22.69	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.00	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3740.01	Outer_Full	23.62	/	/	20.83	/	/	<=30	Pass
		Inner_Full	23.58	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	20.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.81	/	/	19.02	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	19.02	/	/	<=30	Pass
		Outer_Full	21.63	/	/	18.84	/	/	<=30	Pass
		Inner_Full	21.67	/	/	18.88	/	/	<=30	Pass
	3939.99	Inner_1RB_Left	21.60	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Left	21.91	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	18.96	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Outer_Full	21.61	/	/	18.82	/	/	<=30	Pass
		Inner_Full	21.65	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	18.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.69	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	18.98	/	/	<=30	Pass
		Outer_Full	21.65	/	/	18.86	/	/	<=30	Pass
		Inner_Full	21.61	/	/	18.82	/	/	<=30	Pass
	3939.99	Inner_1RB_Left	21.81	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	18.95	/	/	<=30	Pass
		Edge_1RB_Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.00	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	23.14	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	22.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.59	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.27	/	/	<=30	Pass
		Inner_Full	24.67	/	/	21.88	/	/	<=30	Pass
	3939.99	Inner_1RB_Left	24.92	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	24.69	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Left	22.74	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.69	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	23.10	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	21.93	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.45	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.39	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.39	/	/	<=30	Pass
	3939.99	Inner_1RB_Left	24.12	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Left	22.73	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.97	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	23.06	/	/	20.27	/	/	<=30	Pass
		Inner_Full	24.19	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	21.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.76	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.27	/	/	<=30	Pass
		Inner_Full	24.19	/	/	21.40	/	/	<=30	Pass
	3939.99	Inner_1RB_Left	24.10	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Left	22.76	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.97	/	/	<=30	Pass

CP-OFDM 64 QAM		Edge 1RB Right	22.78	/	/	19.99	/	/	<=30	Pass
		Outer Full	23.09	/	/	20.30	/	/	<=30	Pass
		Inner Full	24.06	/	/	21.27	/	/	<=30	Pass
		Inner 1RB Left	24.13	/	/	21.34	/	/	<=30	Pass
		Inner 1RB Right	24.13	/	/	21.34	/	/	<=30	Pass
	3740.01	Edge 1RB Left	22.71	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	20.05	/	/	<=30	Pass
		Outer Full	22.63	/	/	19.84	/	/	<=30	Pass
		Inner Full	22.65	/	/	19.86	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	19.78	/	/	<=30	Pass
	3840	Inner 1RB Right	22.82	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Left	22.77	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	19.83	/	/	<=30	Pass
		Outer Full	22.61	/	/	19.82	/	/	<=30	Pass
		Inner Full	22.66	/	/	19.87	/	/	<=30	Pass
	3939.99	Inner 1RB Left	22.86	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Left	22.66	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	19.81	/	/	<=30	Pass
		Outer Full	22.61	/	/	19.82	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Inner Full	22.57	/	/	19.78	/	/	<=30	Pass
		Inner 1RB Left	22.78	/	/	19.99	/	/	<=30	Pass
		Inner 1RB Right	22.72	/	/	19.93	/	/	<=30	Pass
		Edge 1RB Left	19.82	/	/	17.03	/	/	<=30	Pass
		Edge 1RB Right	19.92	/	/	17.13	/	/	<=30	Pass
	3840	Outer Full	19.75	/	/	16.96	/	/	<=30	Pass
		Inner Full	19.76	/	/	16.97	/	/	<=30	Pass
		Inner 1RB Left	19.75	/	/	16.96	/	/	<=30	Pass
		Inner 1RB Right	19.90	/	/	17.11	/	/	<=30	Pass
		Edge 1RB Left	19.90	/	/	17.11	/	/	<=30	Pass
	3939.99	Edge 1RB Right	19.66	/	/	16.87	/	/	<=30	Pass
		Outer Full	19.64	/	/	16.85	/	/	<=30	Pass
		Inner Full	19.69	/	/	16.90	/	/	<=30	Pass
		Inner 1RB Left	19.81	/	/	17.02	/	/	<=30	Pass
		Inner 1RB Right	19.70	/	/	16.91	/	/	<=30	Pass
		Edge 1RB Left	19.93	/	/	17.14	/	/	<=30	Pass
		Edge 1RB Right	19.67	/	/	16.88	/	/	<=30	Pass
		Outer Full	19.67	/	/	16.88	/	/	<=30	Pass
		Inner Full	19.65	/	/	16.86	/	/	<=30	Pass
		Inner 1RB Left	19.73	/	/	16.94	/	/	<=30	Pass
		Inner 1RB Right	19.66	/	/	16.87	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -2.79dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.8 30_S_90M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge 1RB Left	22.54	/	/	19.75	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	20.24	/	/	<=30	Pass

		Outer_Full	25.70	/	/	22.91	/	/	<=30	Pass
		Inner_Full	26.17	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.69	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.76	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.78	/	/	<=30	Pass
		Outer_Full	25.62	/	/	22.83	/	/	<=30	Pass
		Inner_Full	26.24	/	/	23.45	/	/	<=30	Pass
	3934.98	Inner_1RB_Left	26.21	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Left	22.82	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.61	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	25.65	/	/	22.86	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	23.10	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	20.25	/	/	<=30	Pass
		Outer_Full	25.10	/	/	22.31	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.31	/	/	<=30	Pass
	3934.98	Inner_1RB_Left	25.92	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.83	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	25.12	/	/	22.33	/	/	<=30	Pass
		Inner_Full	26.20	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	26.15	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.25	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.79	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.70	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.28	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.37	/	/	<=30	Pass
	3934.98	Inner_1RB_Left	26.26	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	23.11	/	/	<=30	Pass
	3745.02	Edge_1RB_Left	22.47	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.14	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.30	/	/	<=30	Pass
		Inner_Full	25.04	/	/	22.25	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.07	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	22.63	/	/	<=30	Pass
		Edge_1RB_Left	22.70	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.85	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	24.14	/	/	21.35	/	/	<=30	Pass
		Inner_Full	25.13	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	22.26	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.77	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.54	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.30	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.30	/	/	<=30	Pass
	3745.02	Inner_1RB_Left	25.35	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Left	22.43	/	/	19.64	/	/	<=30	Pass

		Edge_1RB_Right	23.04	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.65	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.62	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	21.21	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.56	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.66	/	/	20.87	/	/	<=30	Pass
		Inner_Full	23.61	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	20.91	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.86	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.77	/	/	<=30	Pass
		Outer_Full	23.63	/	/	20.84	/	/	<=30	Pass
		Inner_Full	23.66	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	21.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Inner_1RB_Right	23.52	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Left	21.68	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	19.10	/	/	<=30	Pass
		Outer_Full	21.67	/	/	18.88	/	/	<=30	Pass
		Inner_Full	21.64	/	/	18.85	/	/	<=30	Pass
	3840	Inner_1RB_Left	21.73	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	19.20	/	/	<=30	Pass
		Edge_1RB_Left	21.91	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	18.89	/	/	<=30	Pass
		Outer_Full	21.63	/	/	18.84	/	/	<=30	Pass
	3934.98	Inner_Full	21.69	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Left	21.94	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	18.68	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Outer_Full	21.69	/	/	18.90	/	/	<=30	Pass
		Inner_Full	21.64	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	18.56	/	/	<=30	Pass
		Edge_1RB_Left	22.60	/	/	19.81	/	/	<=30	Pass
	3840	Edge_1RB_Right	22.90	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.56	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	22.23	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.72	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Left	22.74	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.65	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.66	/	/	21.87	/	/	<=30	Pass
	3840	Inner_1RB_Left	24.88	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	21.74	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.60	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.56	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	21.94	/	/	<=30	Pass

CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.59	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.29	/	/	<=30	Pass
		Inner_Full	24.07	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	21.60	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.97	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.72	/	/	<=30	Pass
		Outer_Full	23.14	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	21.52	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.89	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	19.64	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.34	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	21.34	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.69	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	20.07	/	/	<=30	Pass
		Outer_Full	22.63	/	/	19.84	/	/	<=30	Pass
		Inner_Full	22.61	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	20.27	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.96	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.95	/	/	<=30	Pass
		Outer_Full	22.71	/	/	19.92	/	/	<=30	Pass
		Inner_Full	22.64	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	19.89	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.82	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.62	/	/	<=30	Pass
		Outer_Full	22.66	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.61	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	19.63	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	19.71	/	/	16.92	/	/	<=30	Pass
		Edge_1RB_Right	20.04	/	/	17.25	/	/	<=30	Pass
		Outer_Full	19.68	/	/	16.89	/	/	<=30	Pass
		Inner_Full	19.66	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Left	19.68	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Right	20.06	/	/	17.27	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.08	/	/	17.29	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	16.83	/	/	<=30	Pass
		Outer_Full	19.67	/	/	16.88	/	/	<=30	Pass
		Inner_Full	19.67	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	16.93	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	19.90	/	/	17.11	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	16.81	/	/	<=30	Pass
		Outer_Full	19.69	/	/	16.90	/	/	<=30	Pass
		Inner_Full	19.60	/	/	16.81	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	16.98	/	/	<=30	Pass



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		Inner 1RB Right	19.82	/	/	17.03	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.79dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 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	22.69	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	20.08	/	/	<=30	Pass
		Outer Full	25.65	/	/	22.86	/	/	<=30	Pass
		Inner Full	26.15	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Left	26.20	/	/	23.41	/	/	<=30	Pass
		Inner 1RB Right	26.36	/	/	23.57	/	/	<=30	Pass
	3840	Edge 1RB Left	22.82	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	19.78	/	/	<=30	Pass
		Outer Full	25.58	/	/	22.79	/	/	<=30	Pass
		Inner Full	26.10	/	/	23.31	/	/	<=30	Pass
		Inner 1RB Left	26.24	/	/	23.45	/	/	<=30	Pass
		Inner 1RB Right	26.21	/	/	23.42	/	/	<=30	Pass
	3930	Edge 1RB Left	22.78	/	/	19.99	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	19.74	/	/	<=30	Pass
		Outer Full	25.64	/	/	22.85	/	/	<=30	Pass
		Inner Full	26.08	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	26.23	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Right	26.09	/	/	23.30	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	22.68	/	/	19.89	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	20.08	/	/	<=30	Pass
		Outer Full	25.16	/	/	22.37	/	/	<=30	Pass
		Inner Full	26.11	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	26.10	/	/	23.31	/	/	<=30	Pass
		Inner 1RB Right	26.32	/	/	23.53	/	/	<=30	Pass
	3840	Edge 1RB Left	22.85	/	/	20.06	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.85	/	/	<=30	Pass
		Outer Full	25.06	/	/	22.27	/	/	<=30	Pass
		Inner Full	26.05	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Left	26.32	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Right	26.16	/	/	23.37	/	/	<=30	Pass
	3930	Edge 1RB Left	22.74	/	/	19.95	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.85	/	/	<=30	Pass
		Outer Full	25.08	/	/	22.29	/	/	<=30	Pass
		Inner Full	26.02	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	26.23	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Right	26.09	/	/	23.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge 1RB Left	22.76	/	/	19.97	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	19.93	/	/	<=30	Pass
		Outer Full	24.18	/	/	21.39	/	/	<=30	Pass
		Inner Full	25.12	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Right	25.48	/	/	22.69	/	/	<=30	Pass

	3840	Edge_1RB_Left	22.83	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.88	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.36	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	25.34	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	22.26	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.68	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.90	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.30	/	/	<=30	Pass
		Inner_Full	25.04	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	25.42	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	22.35	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.98	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.68	/	/	20.89	/	/	<=30	Pass
		Inner_Full	23.64	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	21.24	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.85	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.67	/	/	20.88	/	/	<=30	Pass
		Inner_Full	23.64	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	20.81	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.74	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.64	/	/	20.85	/	/	<=30	Pass
		Inner_Full	23.63	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	20.62	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.92	/	/	19.13	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	19.23	/	/	<=30	Pass
		Outer_Full	21.72	/	/	18.93	/	/	<=30	Pass
		Inner_Full	21.71	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	19.08	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.06	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	18.74	/	/	<=30	Pass
		Outer_Full	21.63	/	/	18.84	/	/	<=30	Pass
		Inner_Full	21.67	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	18.96	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.94	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	18.98	/	/	<=30	Pass
		Outer_Full	21.68	/	/	18.89	/	/	<=30	Pass
		Inner_Full	21.62	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	18.89	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.67	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.08	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.36	/	/	<=30	Pass
		Inner_Full	24.50	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	22.02	/	/	<=30	Pass

	3840	Inner 1RB Right	24.91	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Left	22.92	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	19.97	/	/	<=30	Pass
		Outer Full	23.13	/	/	20.34	/	/	<=30	Pass
		Inner Full	24.48	/	/	21.69	/	/	<=30	Pass
		Inner 1RB Left	24.95	/	/	22.16	/	/	<=30	Pass
	3930	Inner 1RB Right	24.87	/	/	22.08	/	/	<=30	Pass
		Edge 1RB Left	22.80	/	/	20.01	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	19.87	/	/	<=30	Pass
		Outer Full	23.09	/	/	20.30	/	/	<=30	Pass
		Inner Full	24.45	/	/	21.66	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	22.06	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Inner 1RB Right	24.68	/	/	21.89	/	/	<=30	Pass
		Edge 1RB Left	22.81	/	/	20.02	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	20.04	/	/	<=30	Pass
		Outer Full	23.12	/	/	20.33	/	/	<=30	Pass
		Inner Full	24.15	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Left	24.31	/	/	21.52	/	/	<=30	Pass
	3840	Inner 1RB Right	24.55	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Left	23.00	/	/	20.21	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	19.98	/	/	<=30	Pass
		Outer Full	23.15	/	/	20.36	/	/	<=30	Pass
		Inner Full	24.11	/	/	21.32	/	/	<=30	Pass
		Inner 1RB Left	24.27	/	/	21.48	/	/	<=30	Pass
	3930	Inner 1RB Right	24.36	/	/	21.57	/	/	<=30	Pass
		Edge 1RB Left	22.82	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	19.82	/	/	<=30	Pass
		Outer Full	23.11	/	/	20.32	/	/	<=30	Pass
		Inner Full	24.15	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Left	24.37	/	/	21.58	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Inner 1RB Right	24.20	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Left	22.78	/	/	19.99	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	20.06	/	/	<=30	Pass
		Outer Full	22.59	/	/	19.80	/	/	<=30	Pass
		Inner Full	22.68	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Left	22.96	/	/	20.17	/	/	<=30	Pass
	3840	Inner 1RB Right	23.09	/	/	20.30	/	/	<=30	Pass
		Edge 1RB Left	22.97	/	/	20.18	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	19.94	/	/	<=30	Pass
		Outer Full	22.64	/	/	19.85	/	/	<=30	Pass
		Inner Full	22.64	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Left	22.77	/	/	19.98	/	/	<=30	Pass
	3930	Inner 1RB Right	22.70	/	/	19.91	/	/	<=30	Pass
		Edge 1RB Left	22.88	/	/	20.09	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	19.94	/	/	<=30	Pass
		Outer Full	22.61	/	/	19.82	/	/	<=30	Pass
		Inner Full	22.59	/	/	19.80	/	/	<=30	Pass
		Inner 1RB Left	22.93	/	/	20.14	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Inner 1RB Right	22.46	/	/	19.67	/	/	<=30	Pass
		Edge 1RB Left	19.70	/	/	16.91	/	/	<=30	Pass
		Edge 1RB Right	20.00	/	/	17.21	/	/	<=30	Pass
		Outer Full	19.77	/	/	16.98	/	/	<=30	Pass
		Inner Full	19.83	/	/	17.04	/	/	<=30	Pass



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		Inner_1RB_Left	19.76	/	/	16.97	/	/	<=30	Pass
		Inner_1RB_Right	19.89	/	/	17.10	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.08	/	/	17.29	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	17.10	/	/	<=30	Pass
		Outer_Full	19.70	/	/	16.91	/	/	<=30	Pass
		Inner_Full	19.71	/	/	16.92	/	/	<=30	Pass
		Inner_1RB_Left	19.86	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Right	19.78	/	/	16.99	/	/	<=30	Pass
	3930	Edge_1RB_Left	19.78	/	/	16.99	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	16.92	/	/	<=30	Pass
		Outer_Full	19.71	/	/	16.92	/	/	<=30	Pass
		Inner_Full	19.70	/	/	16.91	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	19.54	/	/	16.75	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.79dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n77a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	6.70	0.0017	>=-2.5 & <=2.5	Pass
				HV	18.90	0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	14.40	0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	11.70	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	18.20	0.0047	>=-2.5 & <=2.5	Pass
			20	NV	10.90	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	14.60	0.0038	>=-2.5 & <=2.5	Pass
			50	NV	16.00	0.0042	>=-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	17.84	19.15	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	17.86	19.29	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	17.82	18.64	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	17.85	19.30	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	17.84	18.85	/	Pass
CP-OFDM QPSK	3840	Outer_Full	18.19	19.51	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	18.25	19.49	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	18.24	19.69	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	18.20	19.18	/	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	26.74	28.54	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	26.81	28.39	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	26.84	27.89	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	26.82	28.17	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	26.91	29.05	/	Pass
CP-OFDM QPSK	3840	Outer_Full	27.79	29.16	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	27.94	29.09	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	27.81	29.29	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	27.80	29.22	/	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	35.65	37.46	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	35.66	37.61	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	35.76	37.41	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	35.67	37.34	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	35.74	37.43	/	Pass
CP-OFDM QPSK	3840	Outer_Full	37.88	39.41	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	37.86	39.35	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	37.78	39.53	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	37.84	39.64	/	Pass

3.1.4 30_S_50M_NTNV

5G NR n77a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	45.84	47.36	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	45.86	47.36	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	45.73	47.46	/	Pass



DFT-s-OFDM 64 QAM	3840	Outer_Full	45.63	47.34	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	45.78	47.35	/	Pass
CP-OFDM QPSK	3840	Outer_Full	47.46	49.36	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	47.55	50.74	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	47.54	49.19	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	47.55	49.41	/	Pass

3.1.5 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	58.05	60.09	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	57.99	60.11	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	57.99	60.00	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	57.77	60.09	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	57.66	59.85	/	Pass
CP-OFDM QPSK	3840	Outer_Full	57.82	60.03	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	57.83	59.86	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	57.93	59.69	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	58.06	59.78	/	Pass

3.1.6 30_S_70M_NTNV

5G NR n77a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	49.34	51.29	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	64.25	66.59	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	64.43	66.66	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	64.11	66.63	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	64.07	66.56	/	Pass
CP-OFDM QPSK	3840	Outer_Full	67.42	69.86	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	67.51	69.84	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	67.53	69.95	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	67.50	69.91	/	Pass

3.1.7 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	77.08	79.88	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	77.23	82.19	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	77.32	79.96	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	76.83	79.60	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	76.95	79.54	/	Pass
CP-OFDM QPSK	3840	Outer_Full	77.42	80.03	/	Pass



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CP-OFDM 16 QAM	3840	Outer_Full	77.41	79.97	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	77.20	79.90	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	77.49	80.27	/	Pass

3.1.8 30_S_90M_NTNV

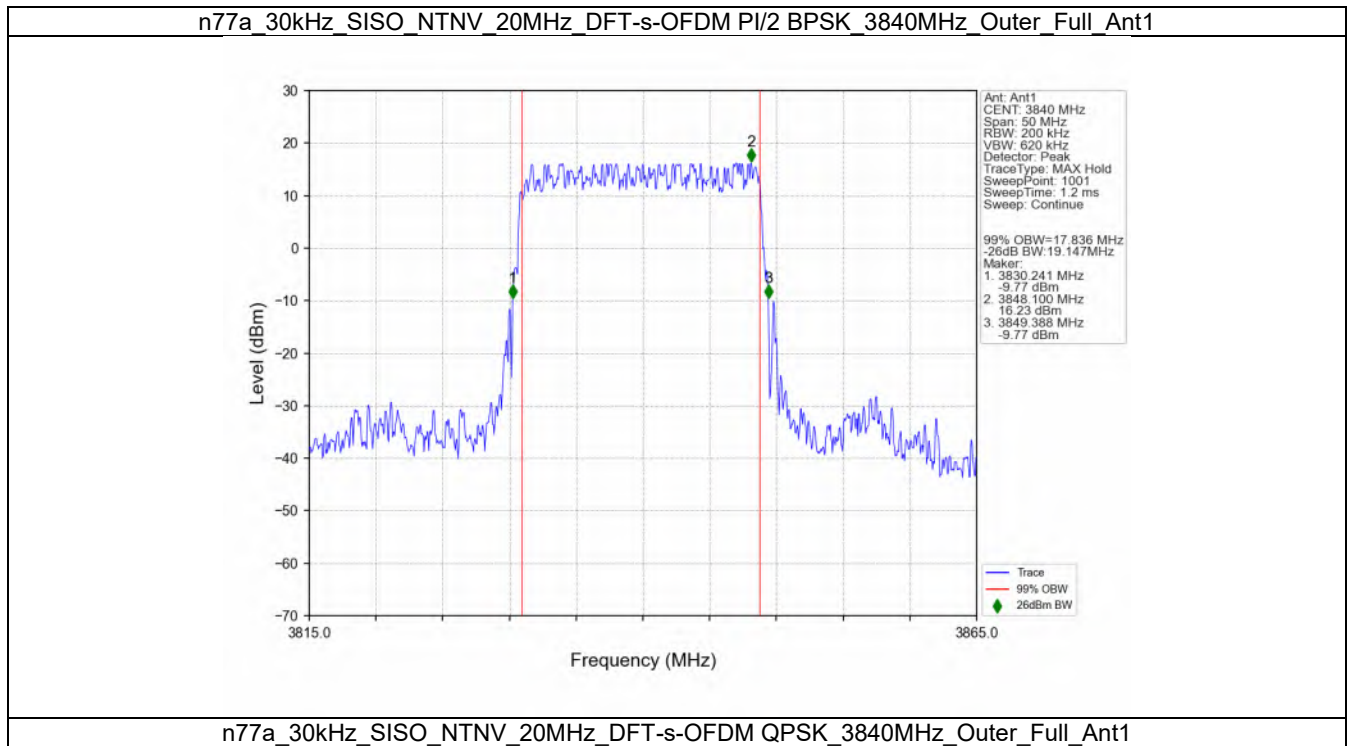
5G NR n77a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	86.10	89.56	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	86.60	89.61	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	86.65	90.05	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	86.65	89.47	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	86.79	89.78	/	Pass
CP-OFDM QPSK	3840	Outer_Full	87.47	90.22	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	87.61	90.24	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	86.98	90.56	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	87.09	90.48	/	Pass

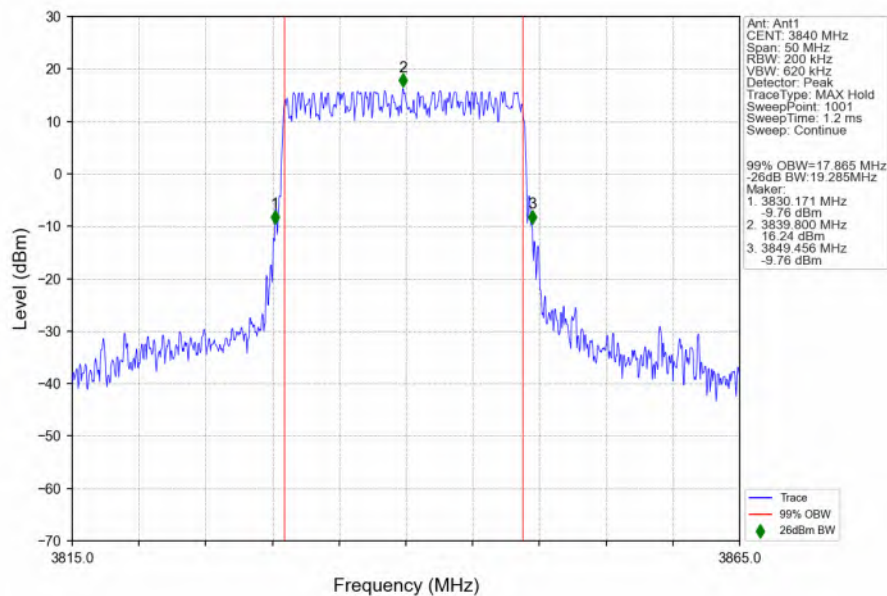
3.1.9 30_S_100M_NTNV

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	96.45	99.49	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	96.37	99.58	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	95.84	99.46	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	96.42	99.46	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	96.24	99.40	/	Pass
CP-OFDM QPSK	3840	Outer_Full	97.13	100.71	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	97.27	100.43	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	96.94	100.75	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	97.61	100.60	/	Pass

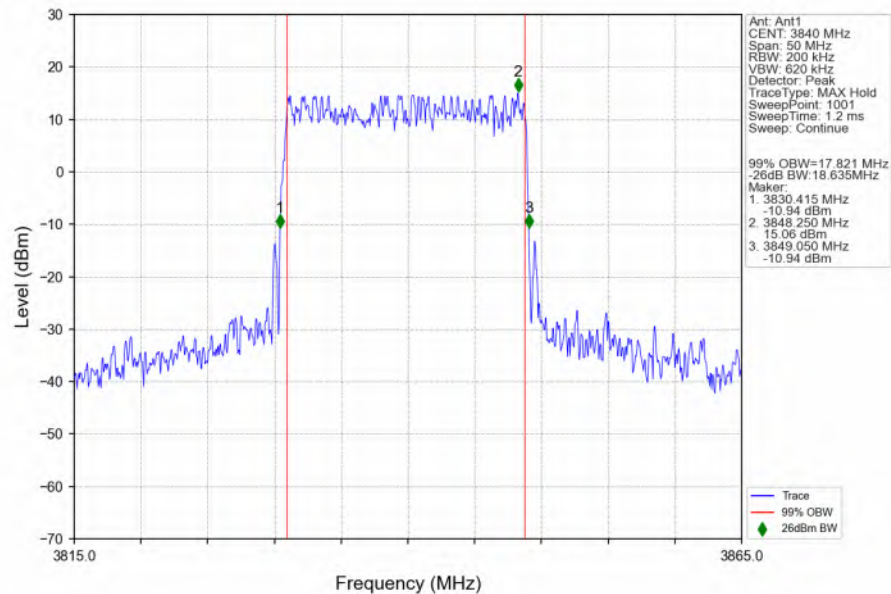
3.2 Test Graph

3.2.1 30_S_20M_NTNV

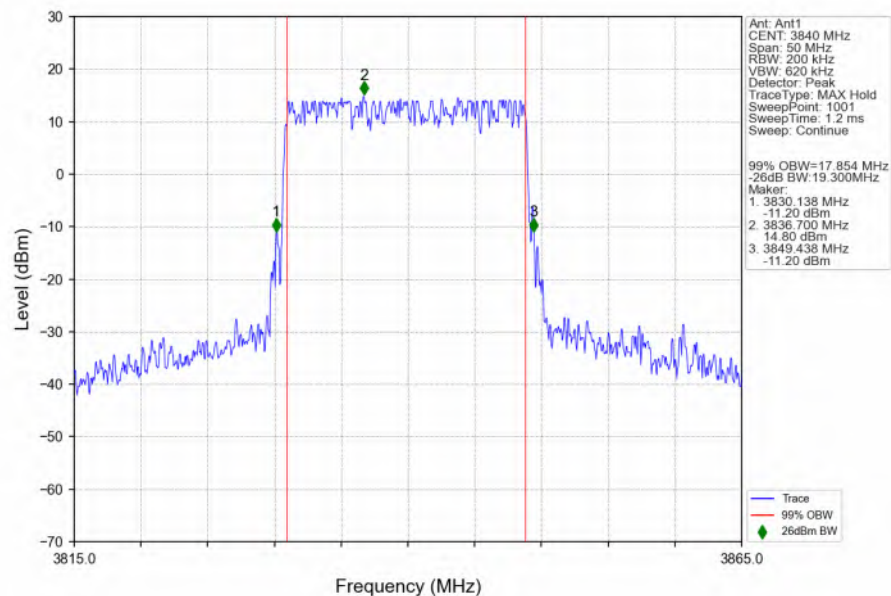




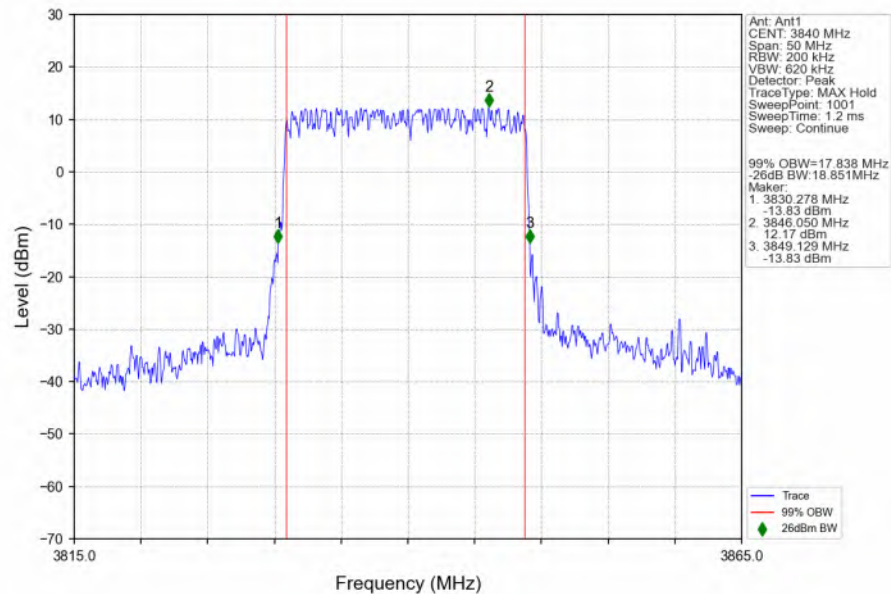
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant1



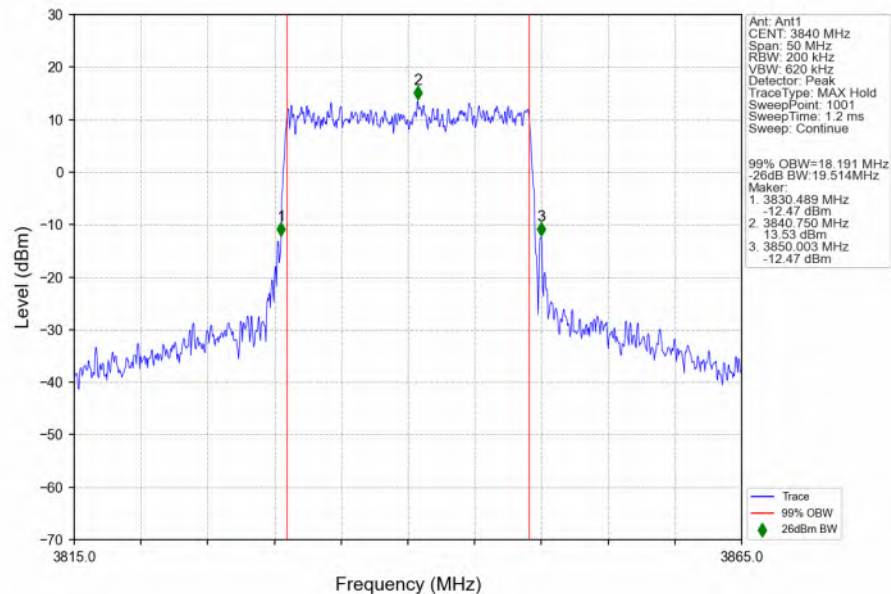
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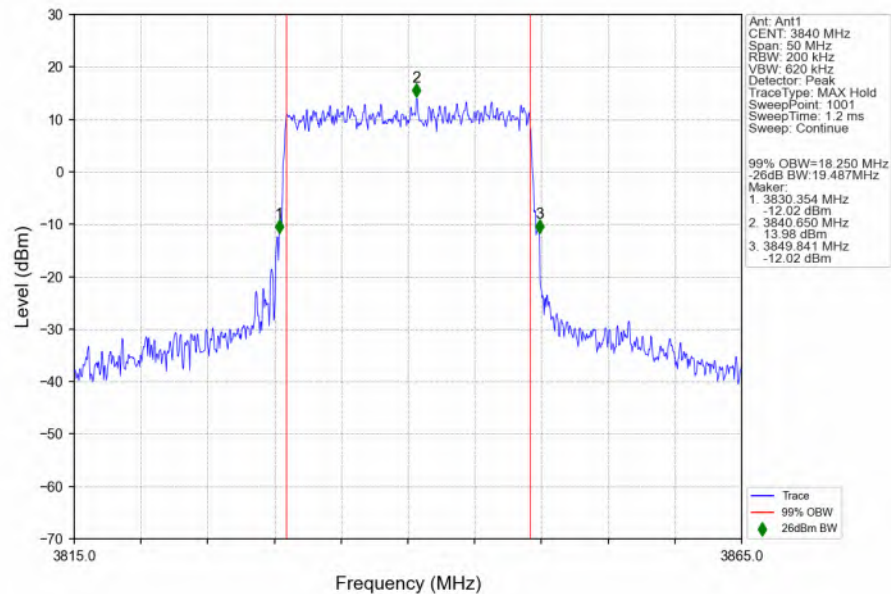
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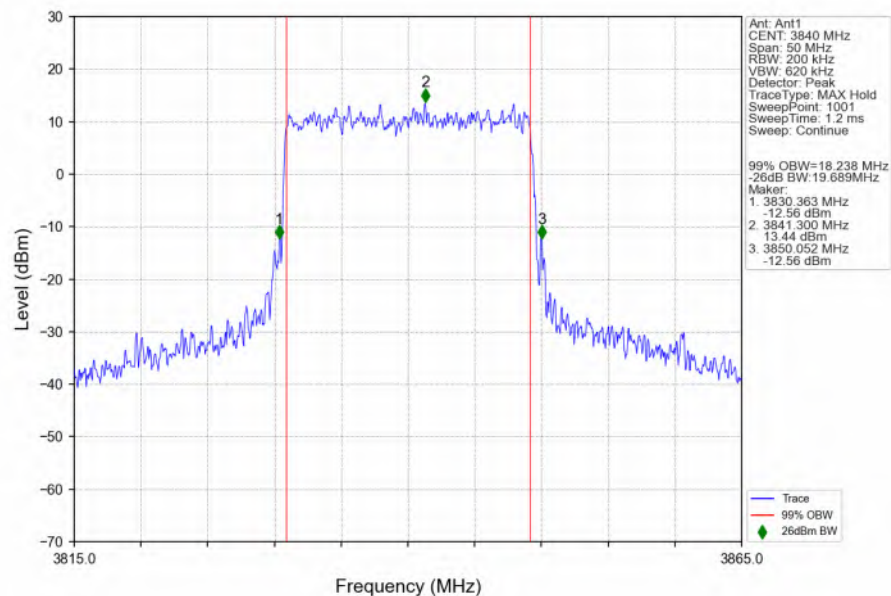
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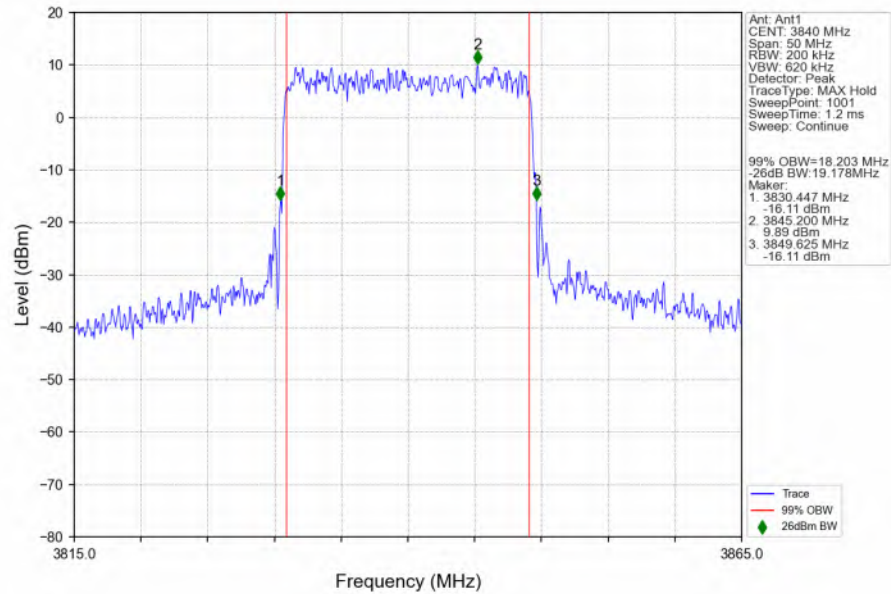
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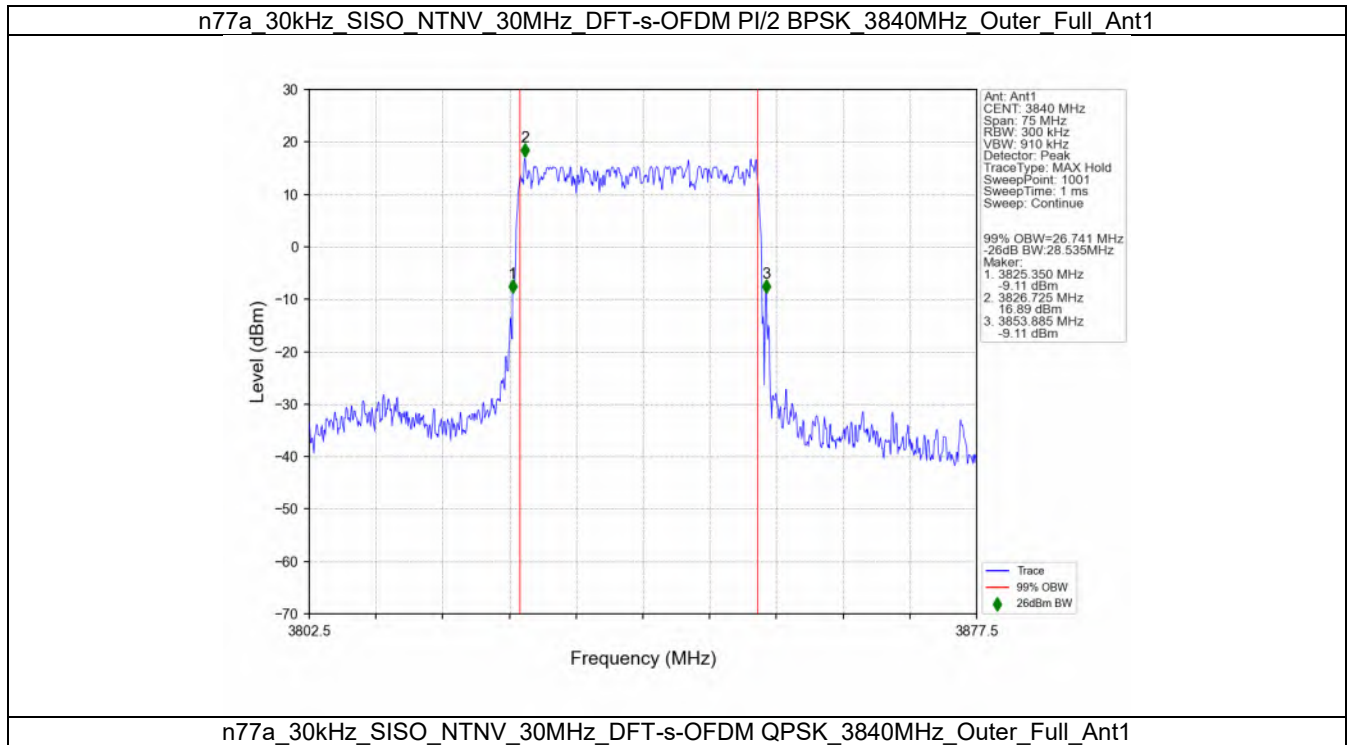
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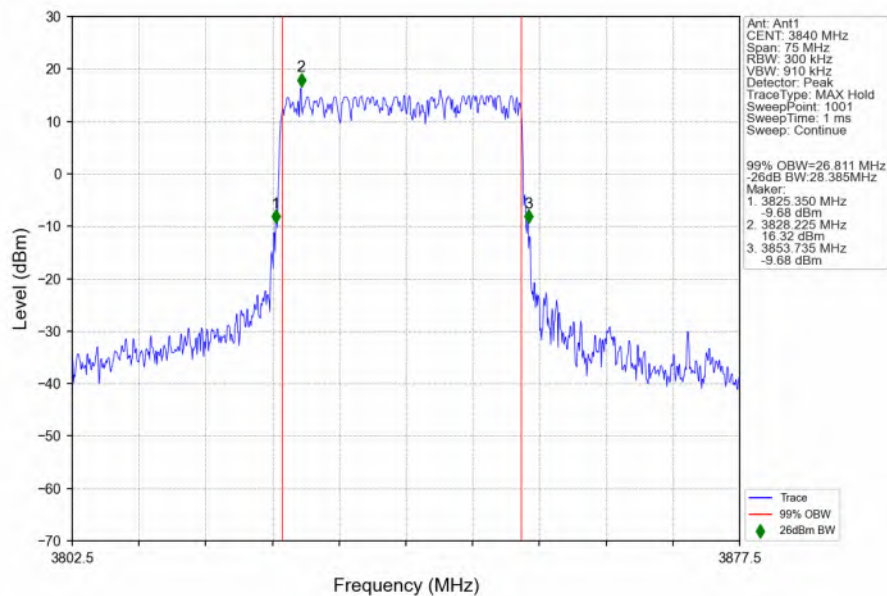


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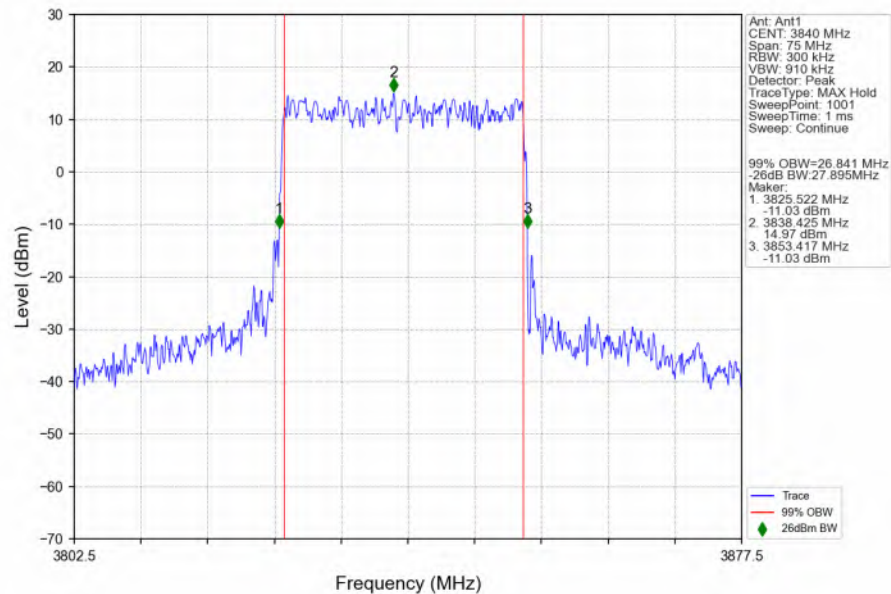


3.2.2 30_S_30M_NTNV

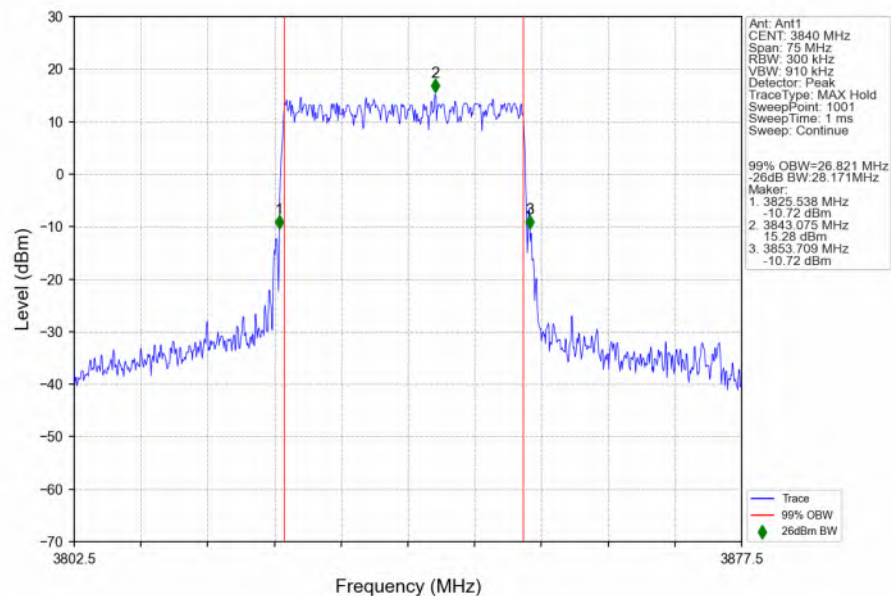




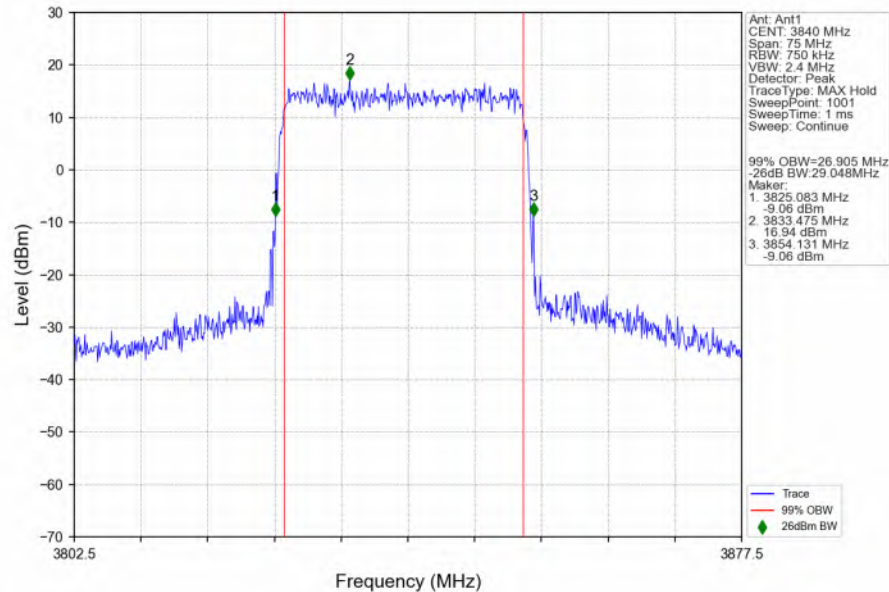
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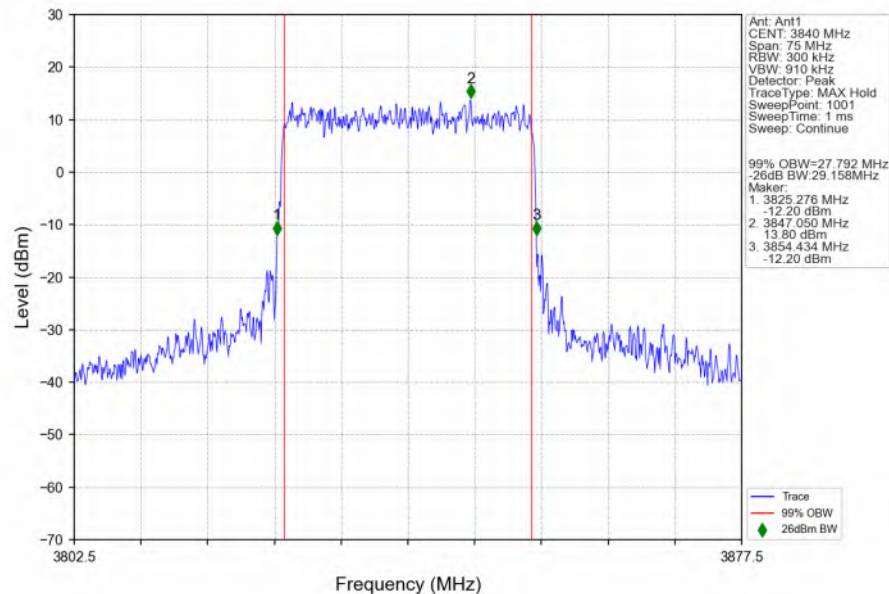
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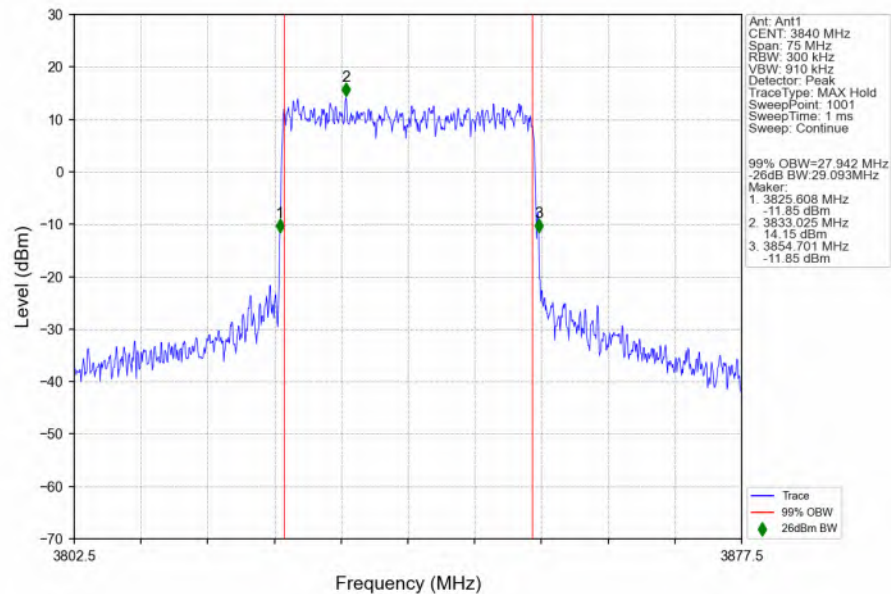
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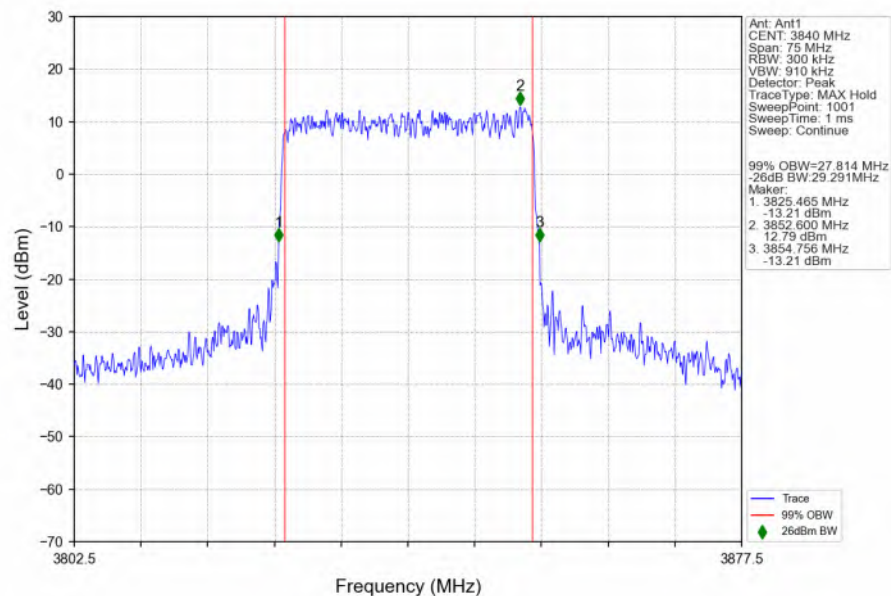
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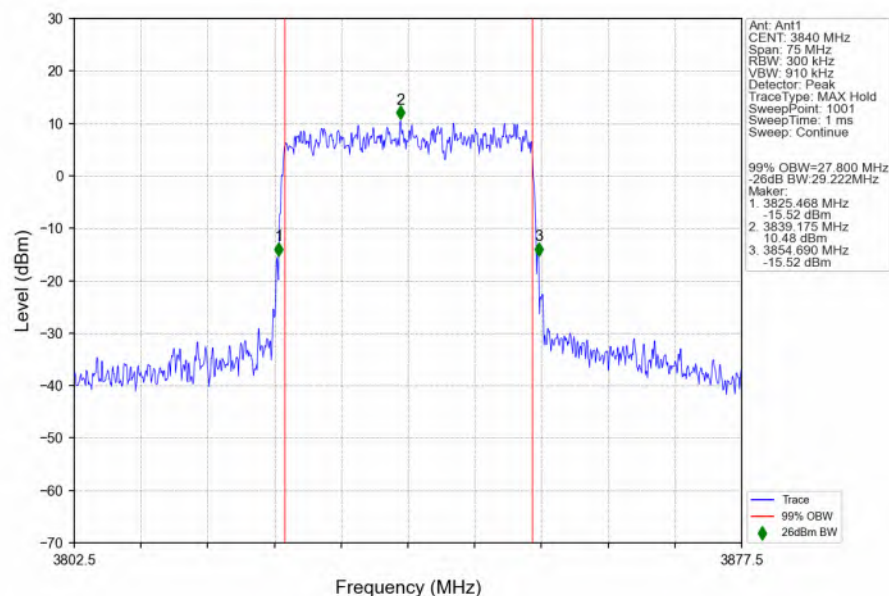
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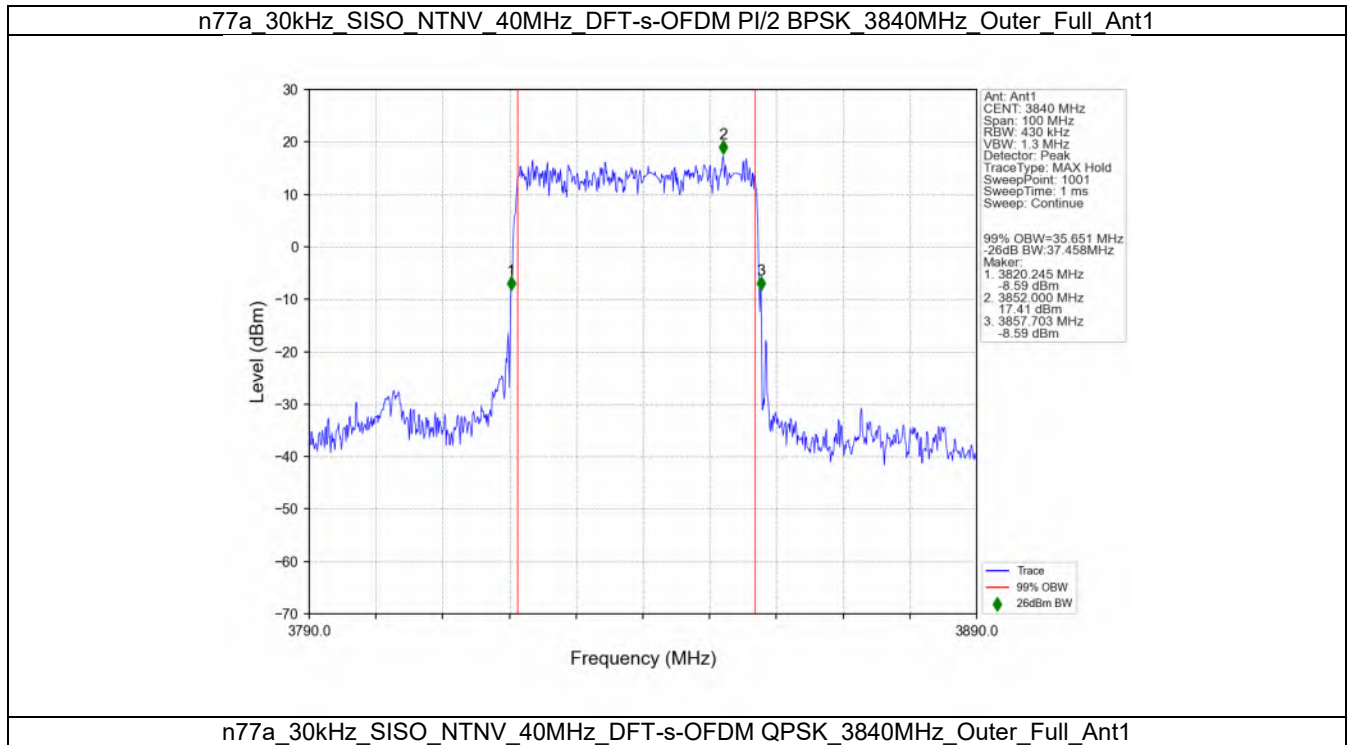
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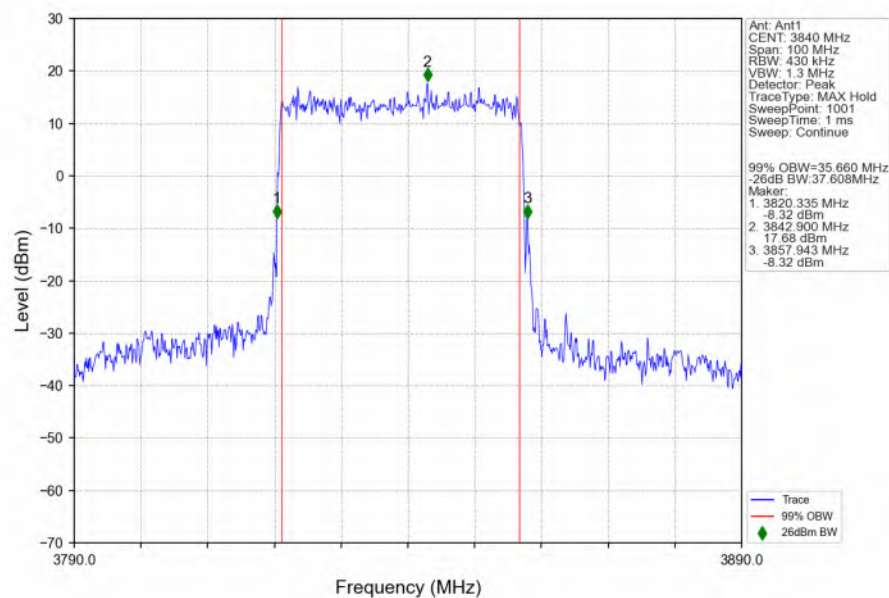


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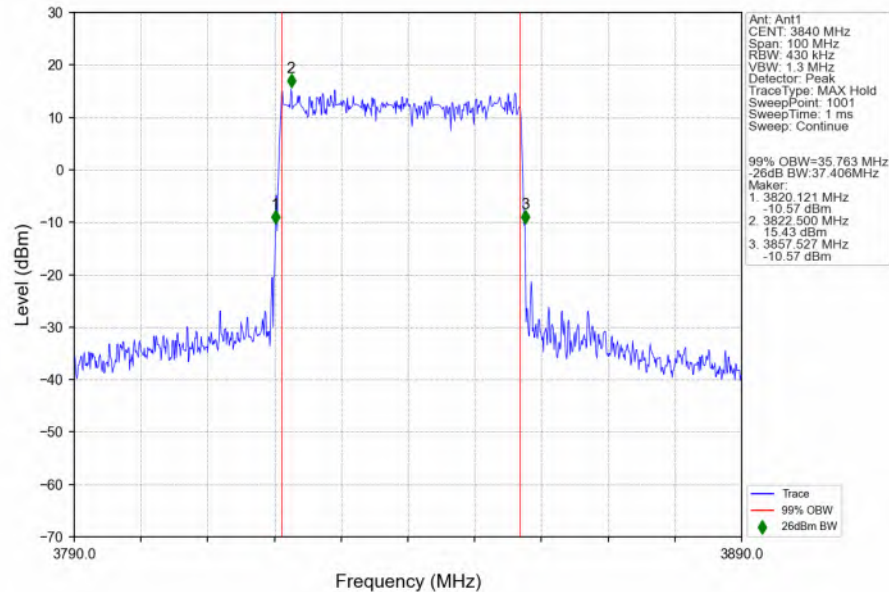


3.2.3 30_S_40M_NTNV

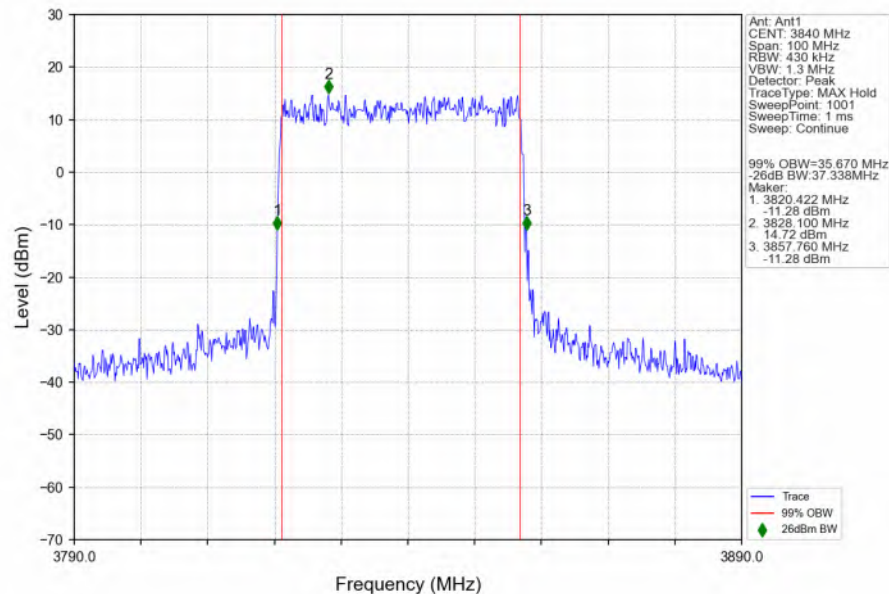




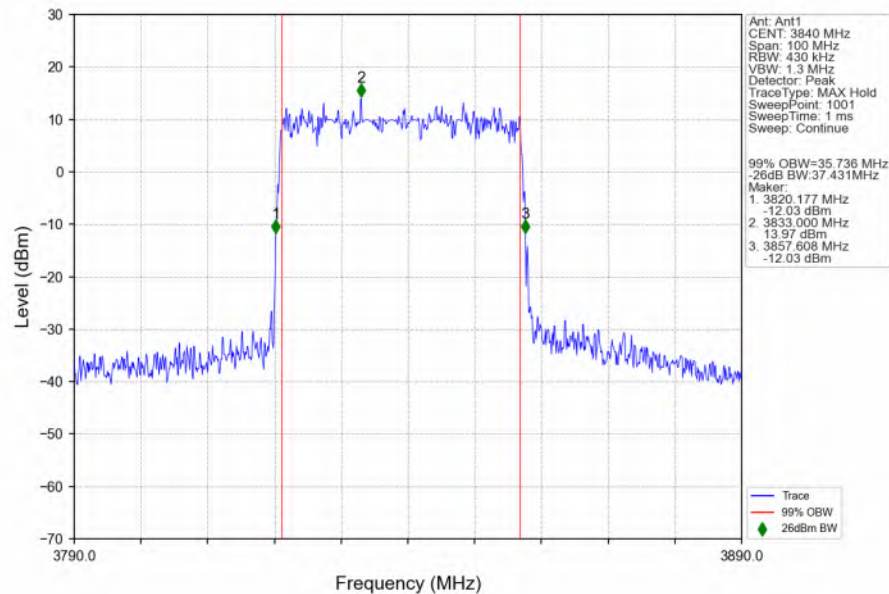
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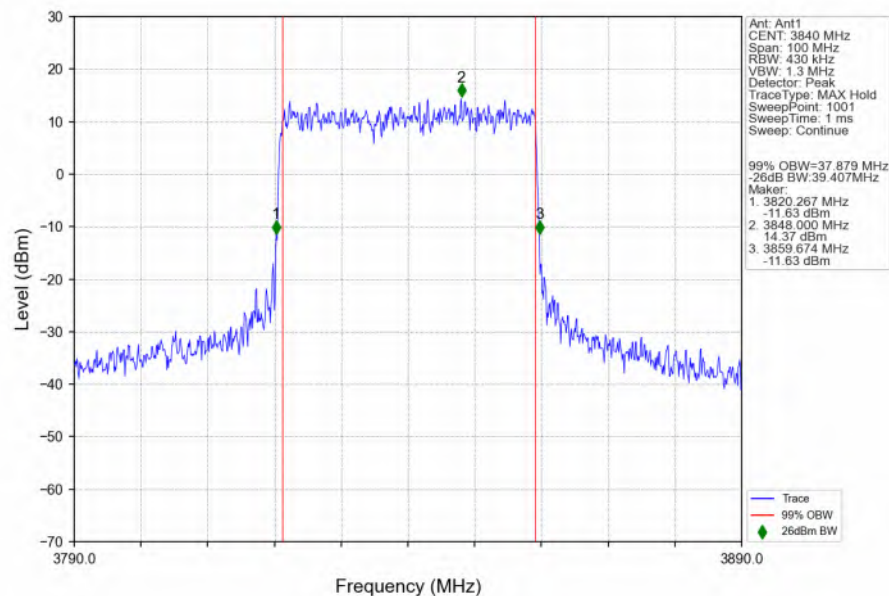
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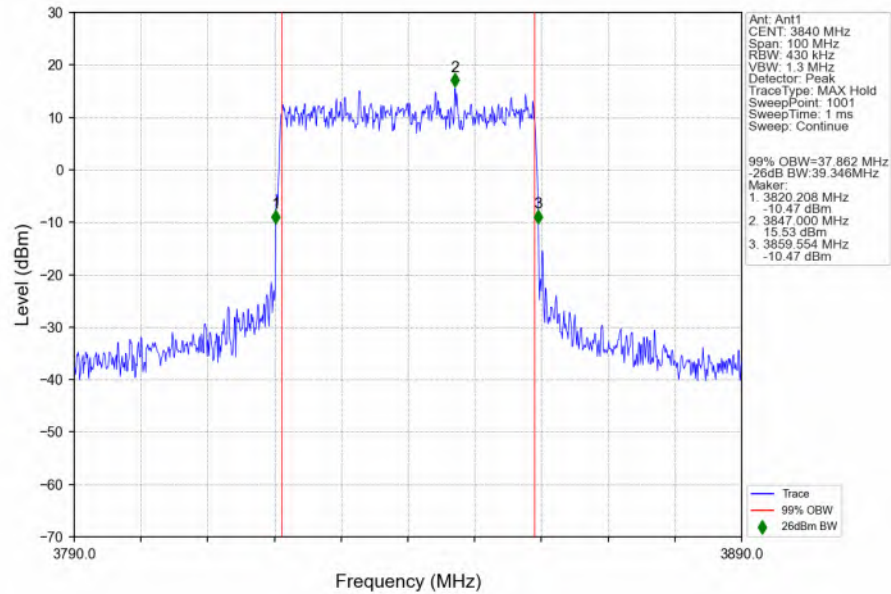
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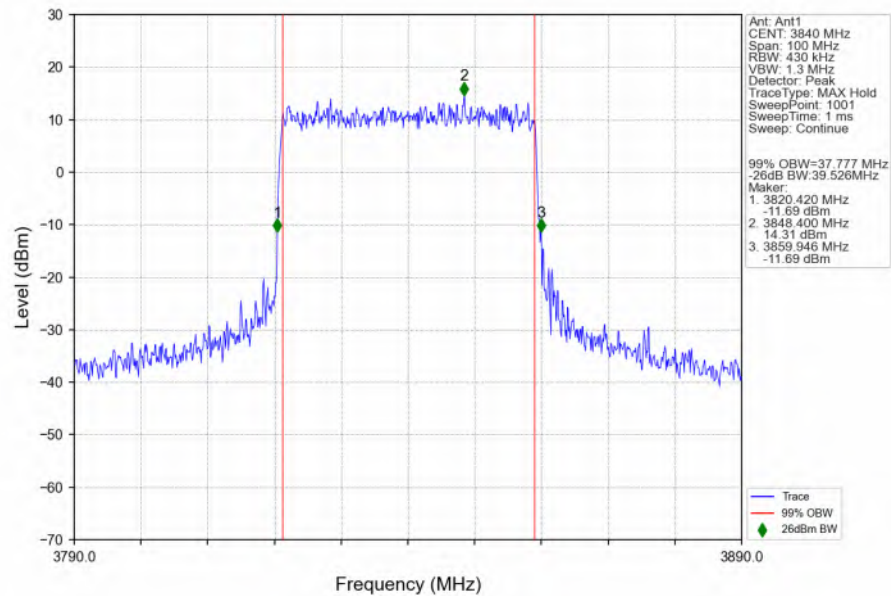
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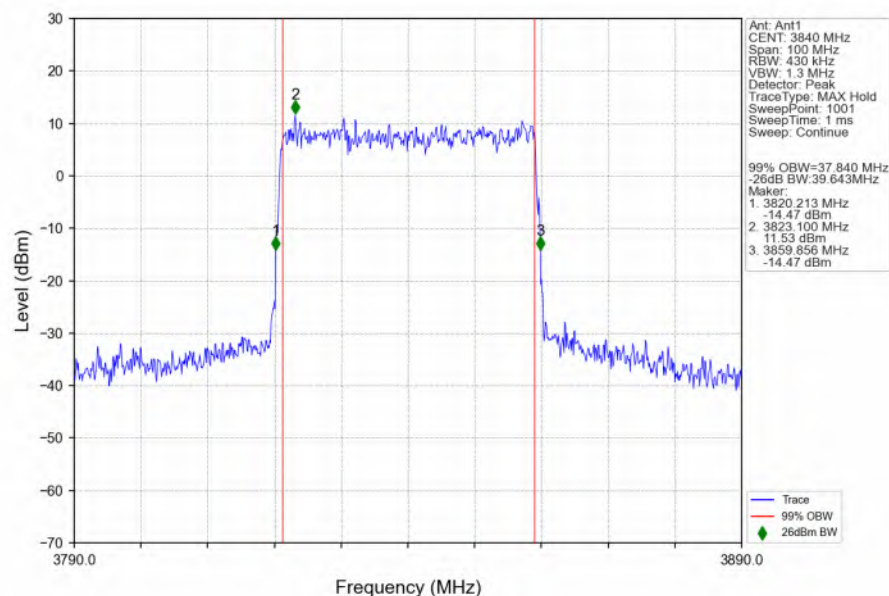
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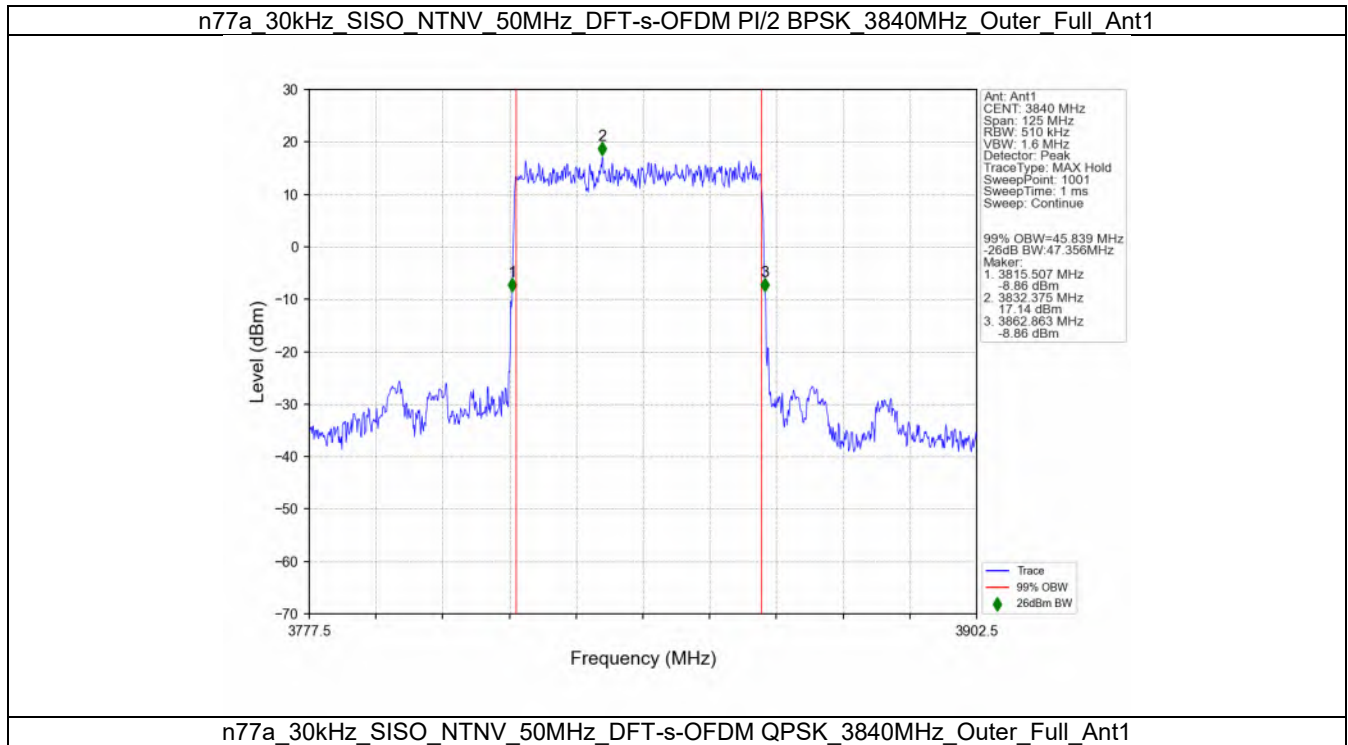
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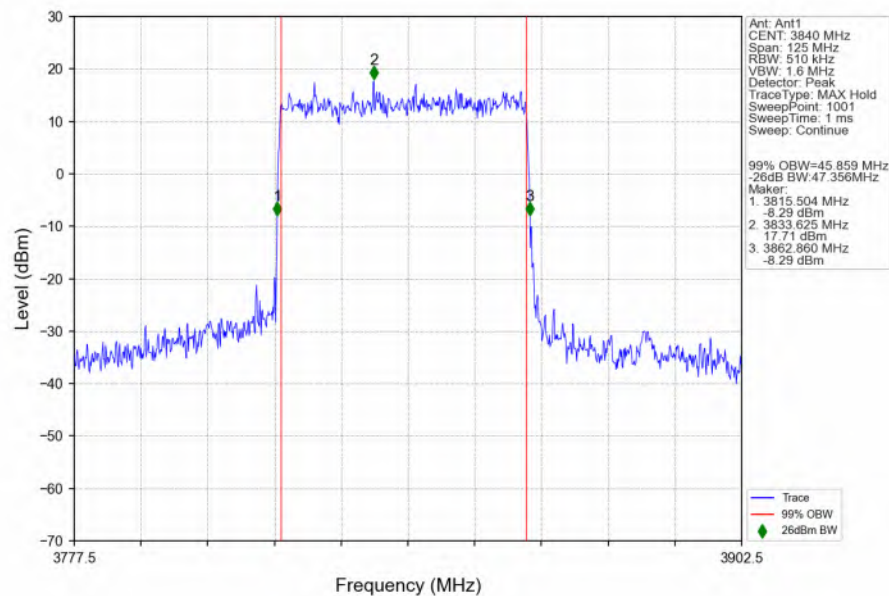


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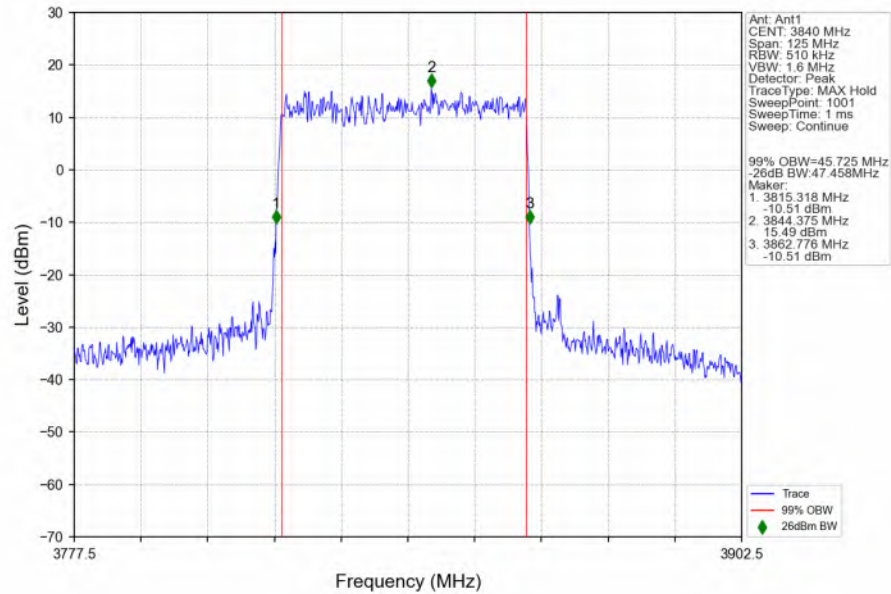


3.2.4 30_S_50M_NTNV

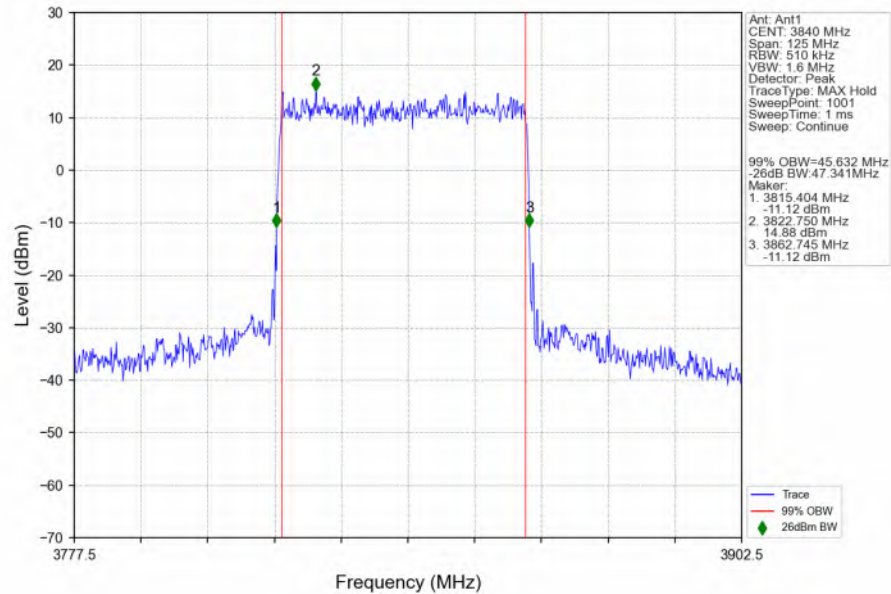




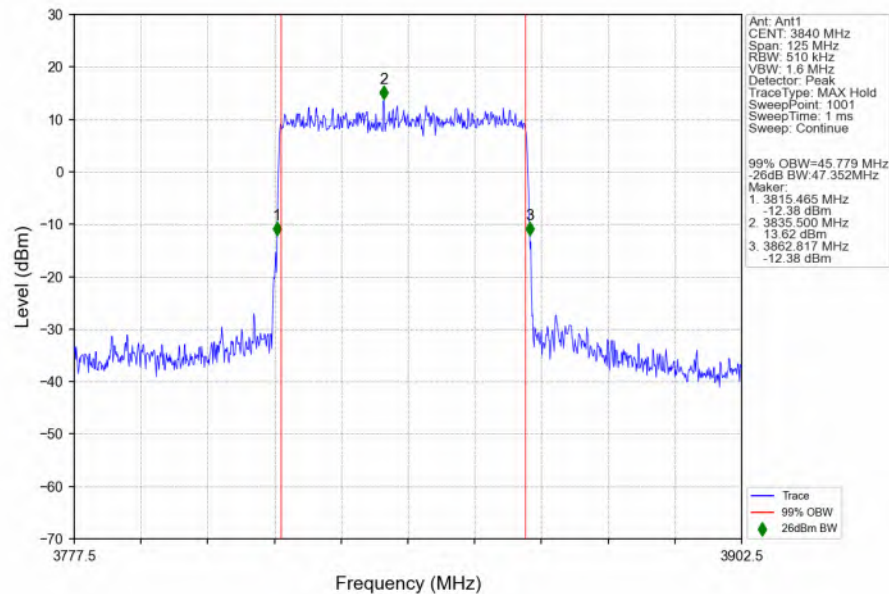
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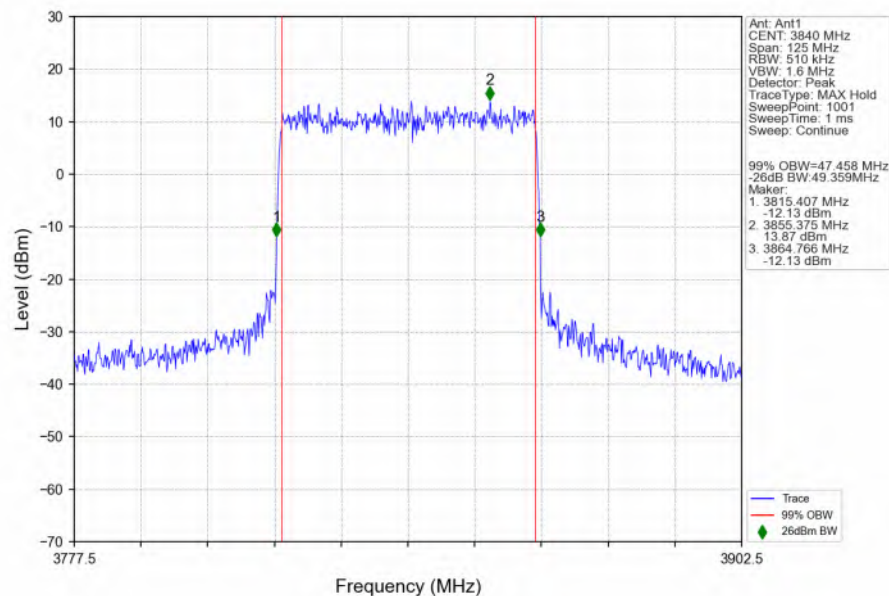
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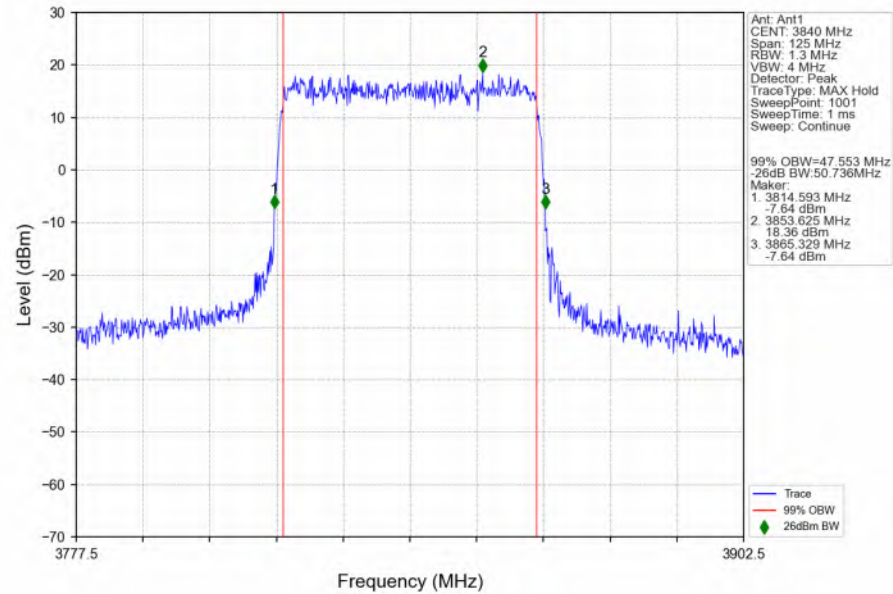
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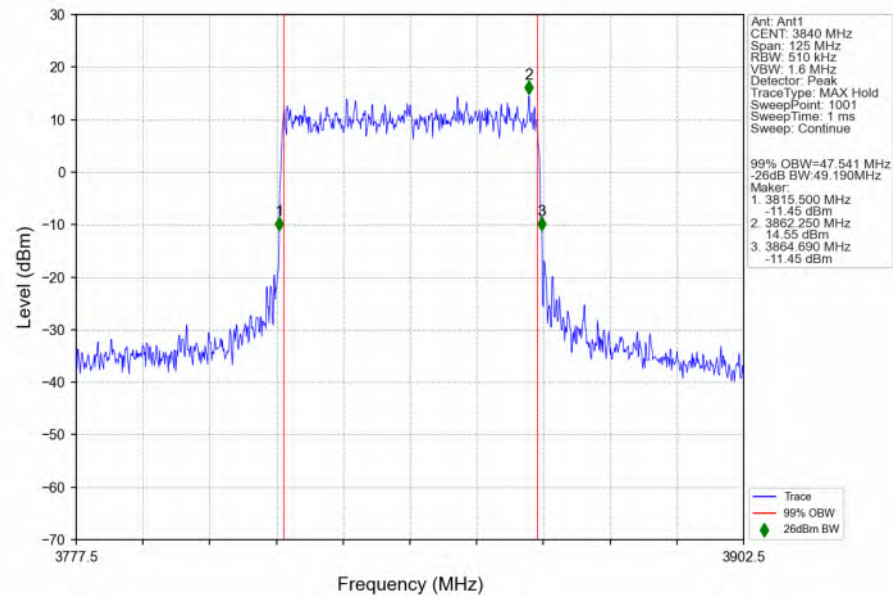
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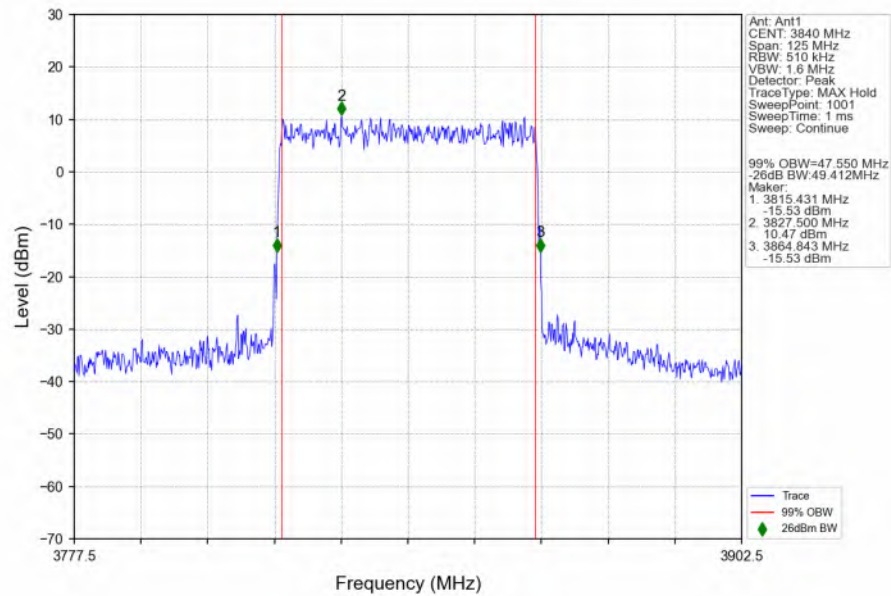
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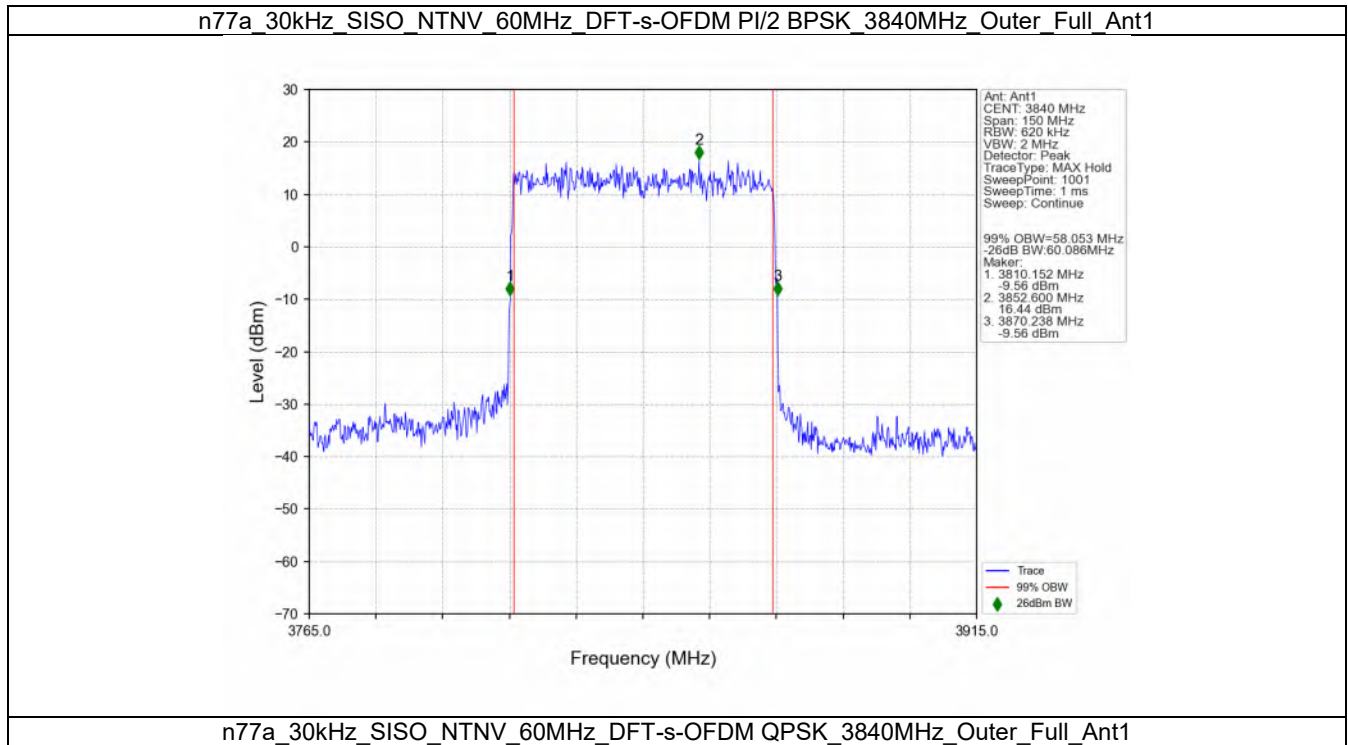
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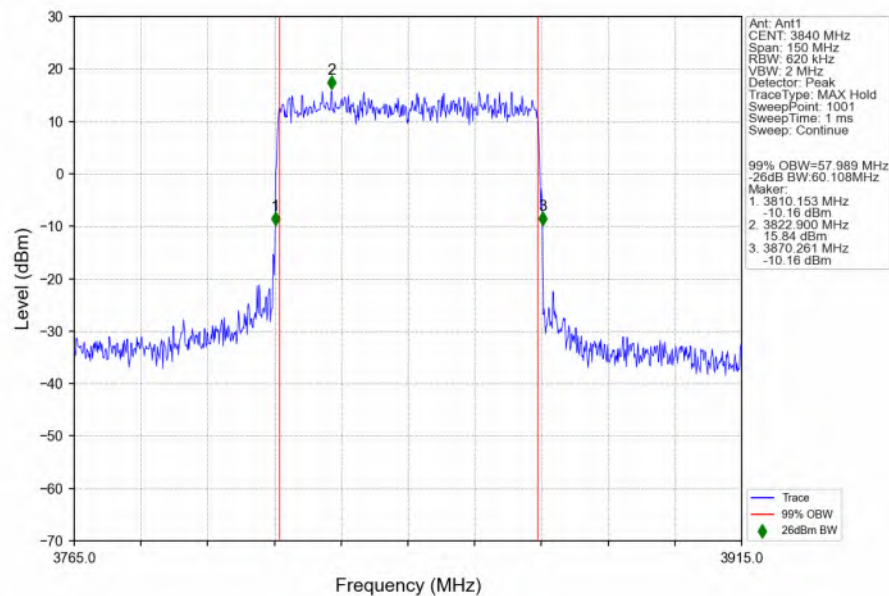


n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

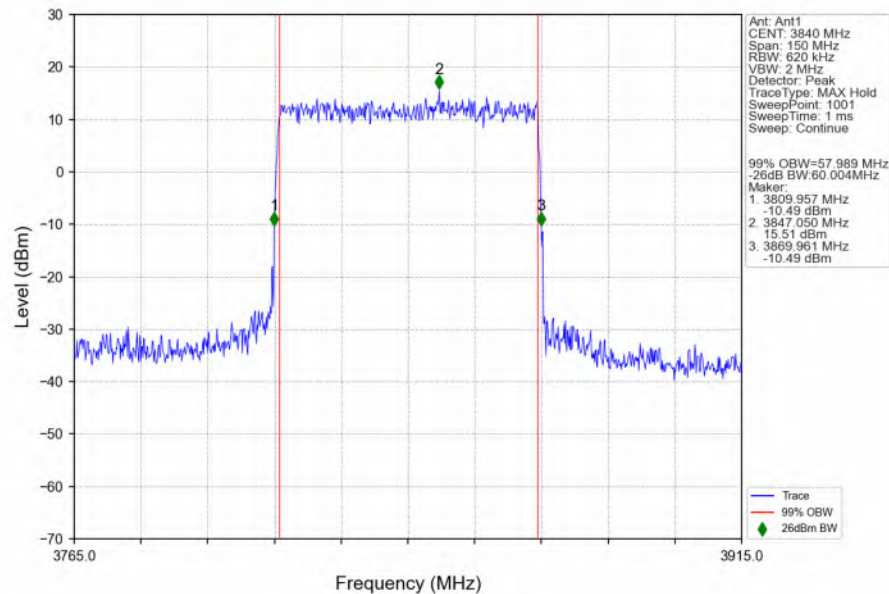


3.2.5 30_S_60M_NTNV

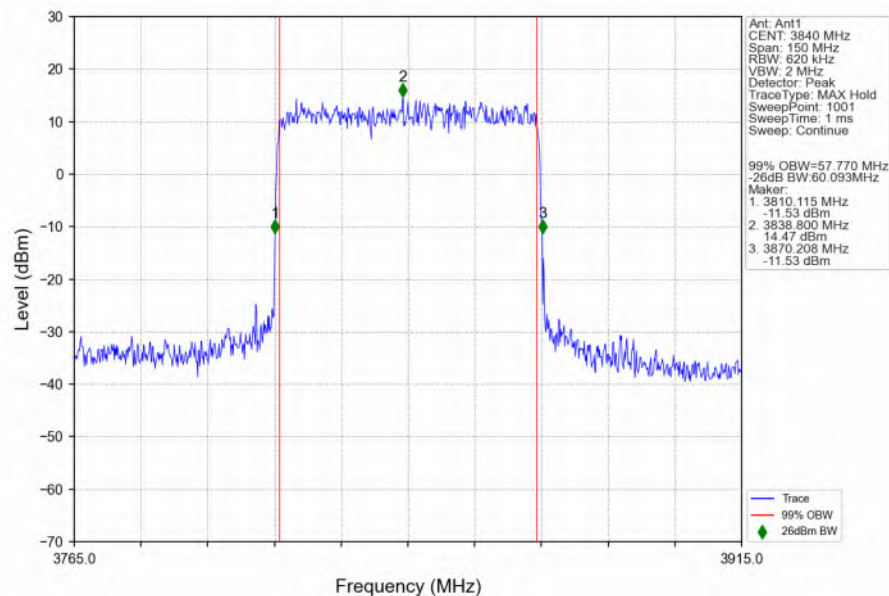




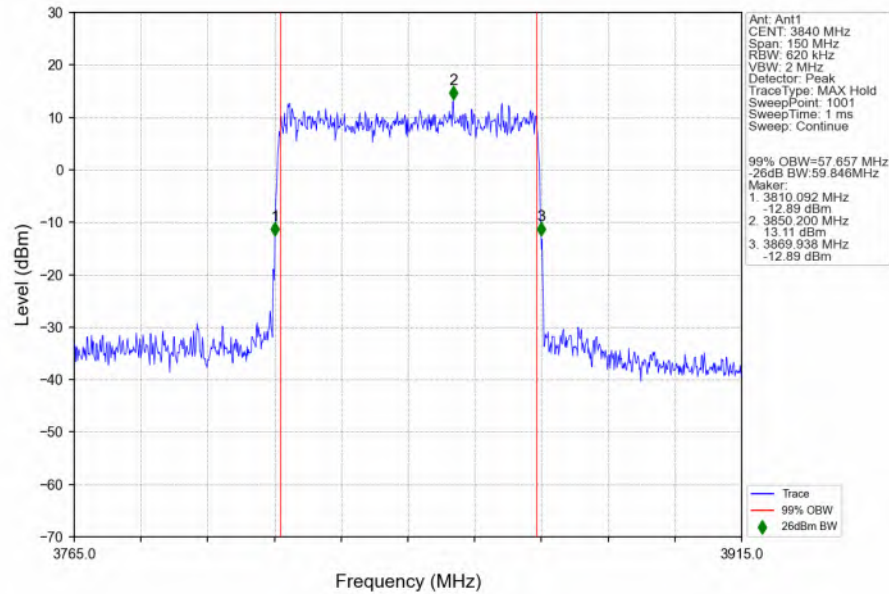
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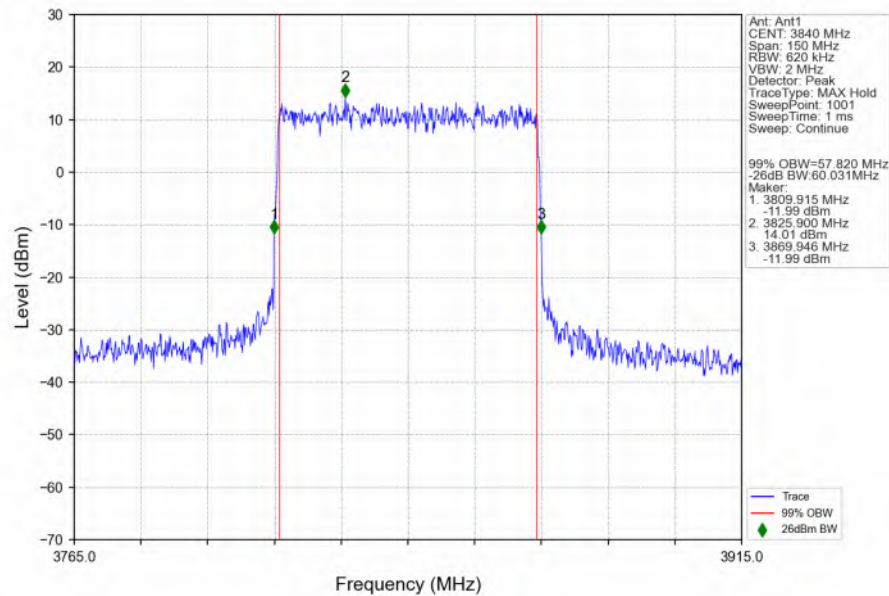
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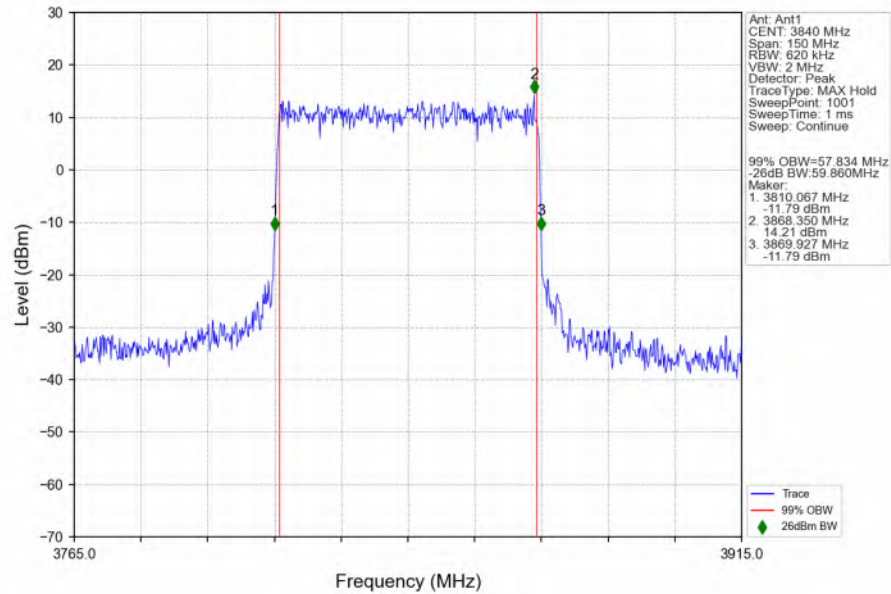
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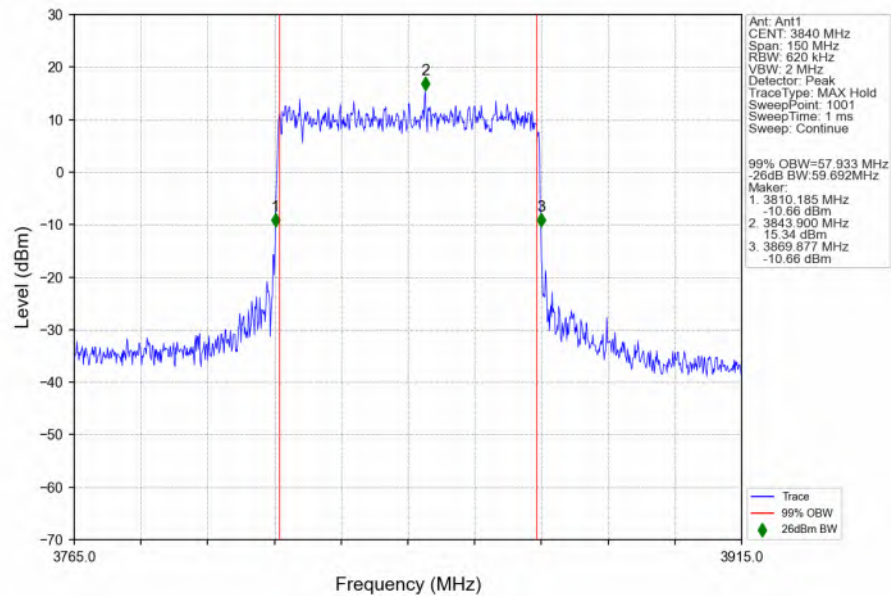
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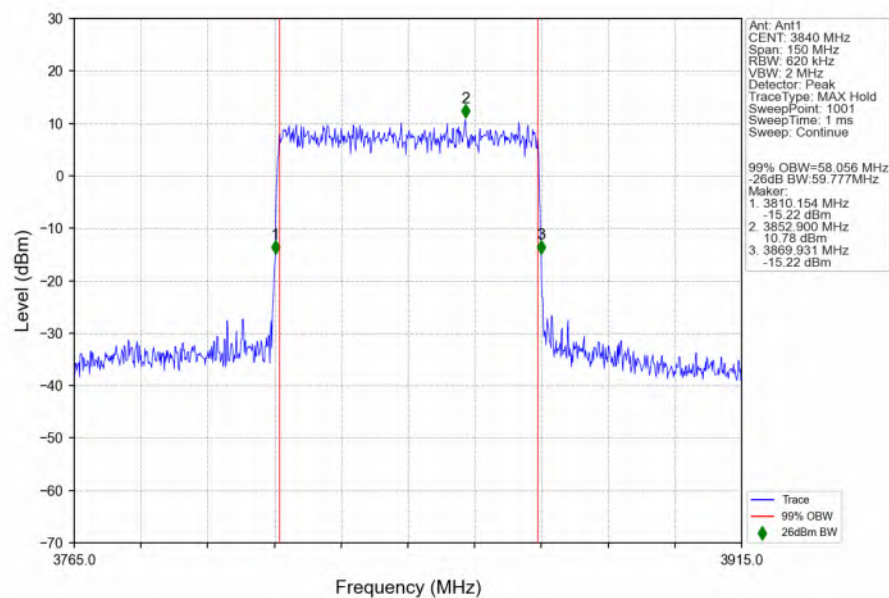
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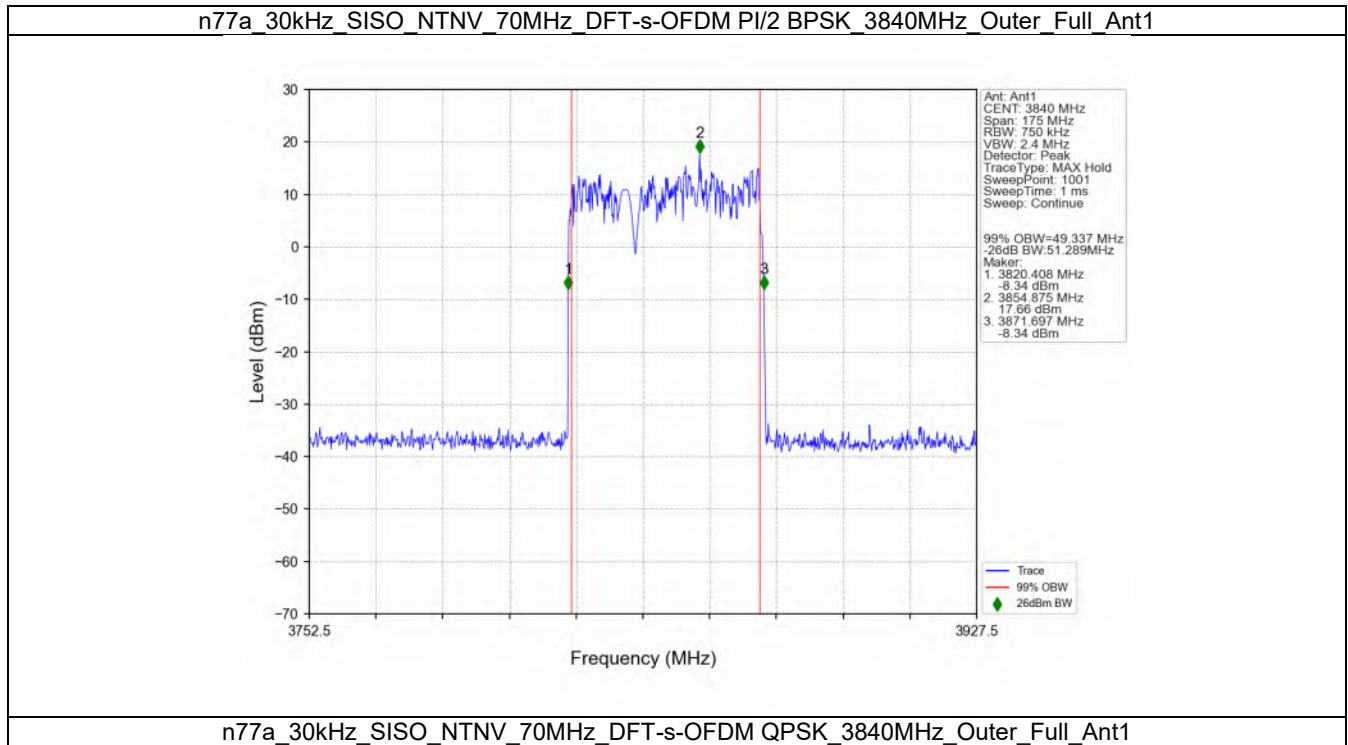
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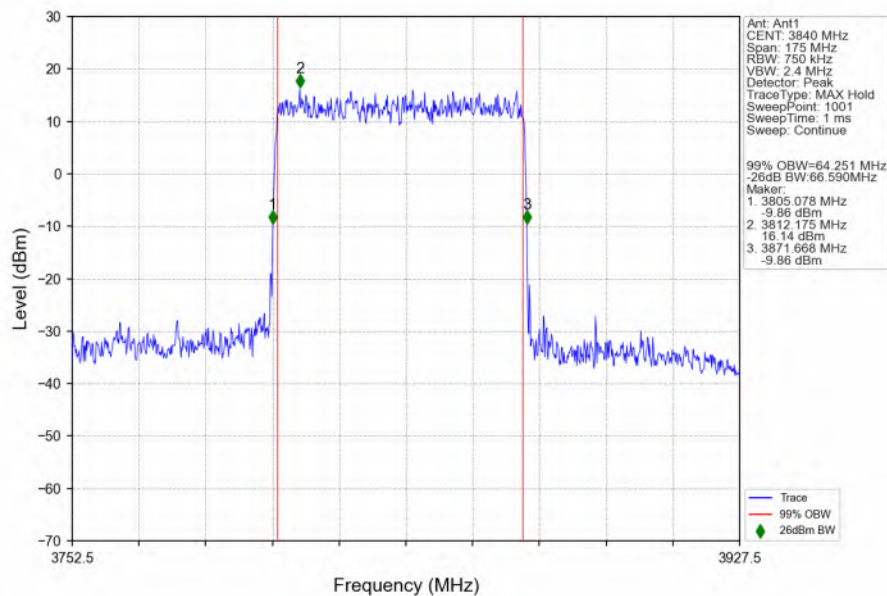


n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

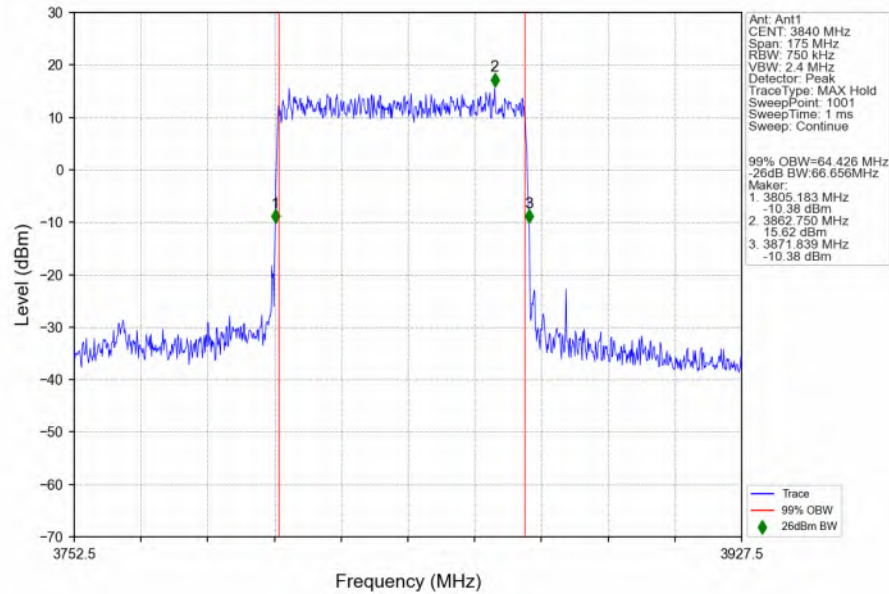


3.2.6 30_S_70M_NTNV

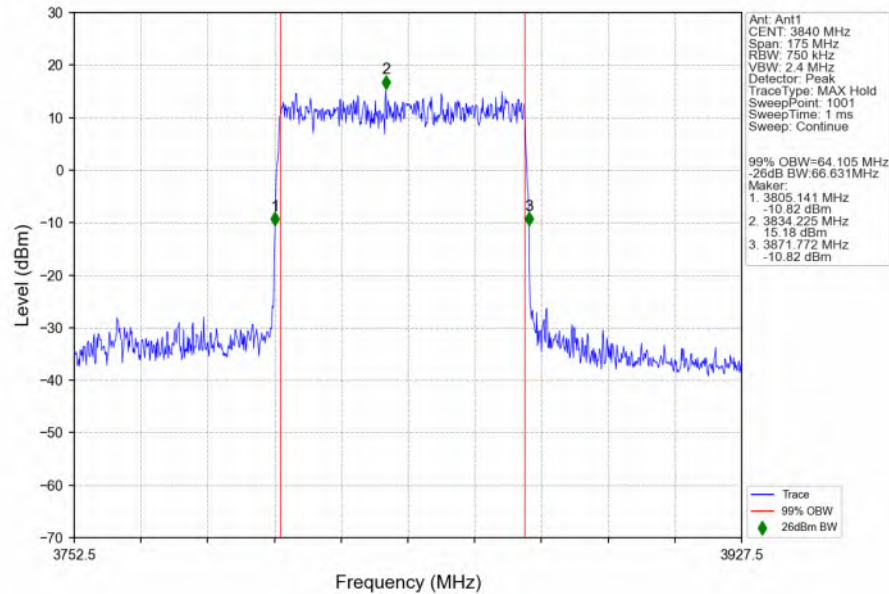




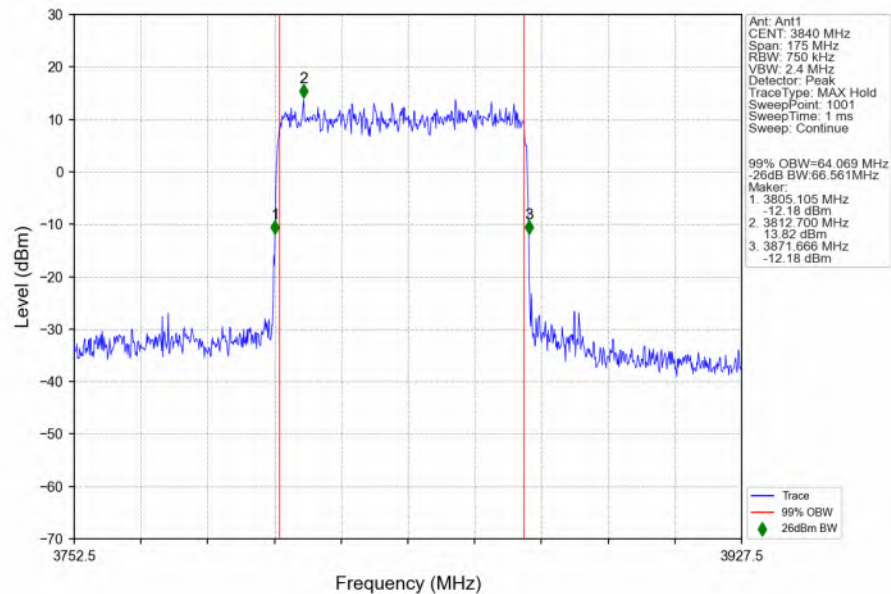
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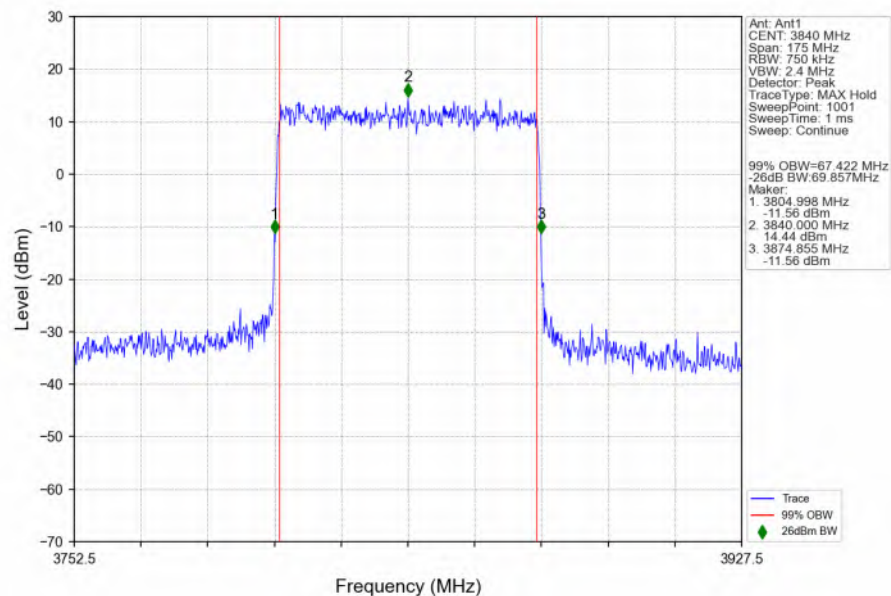
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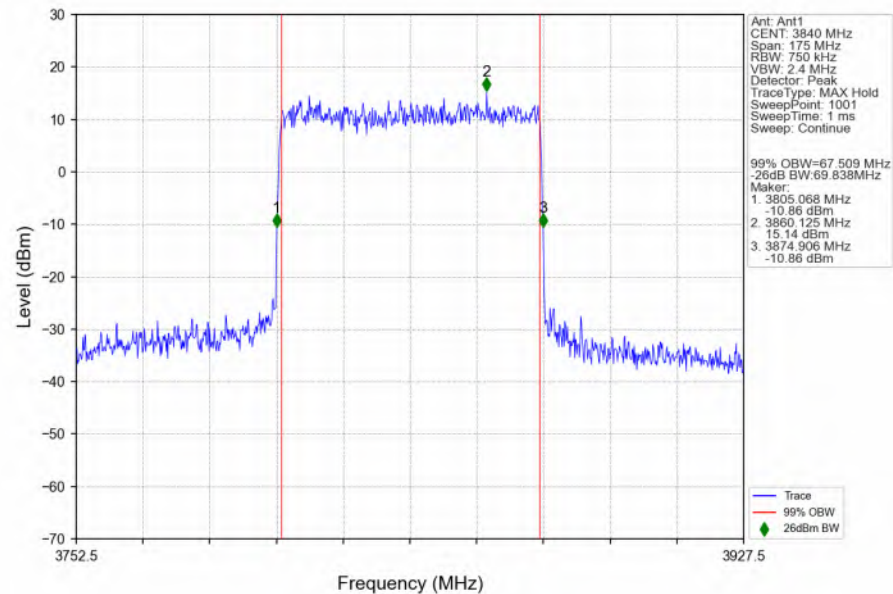
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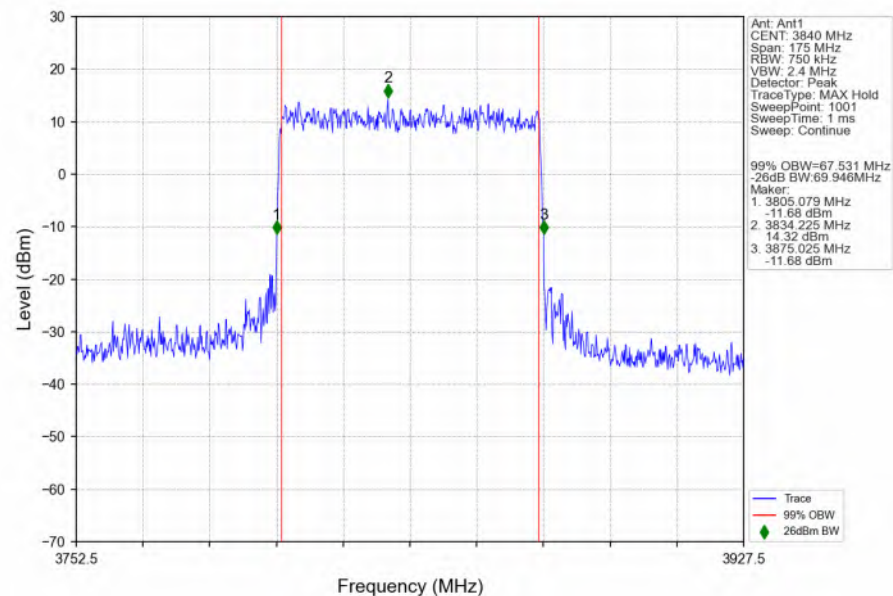
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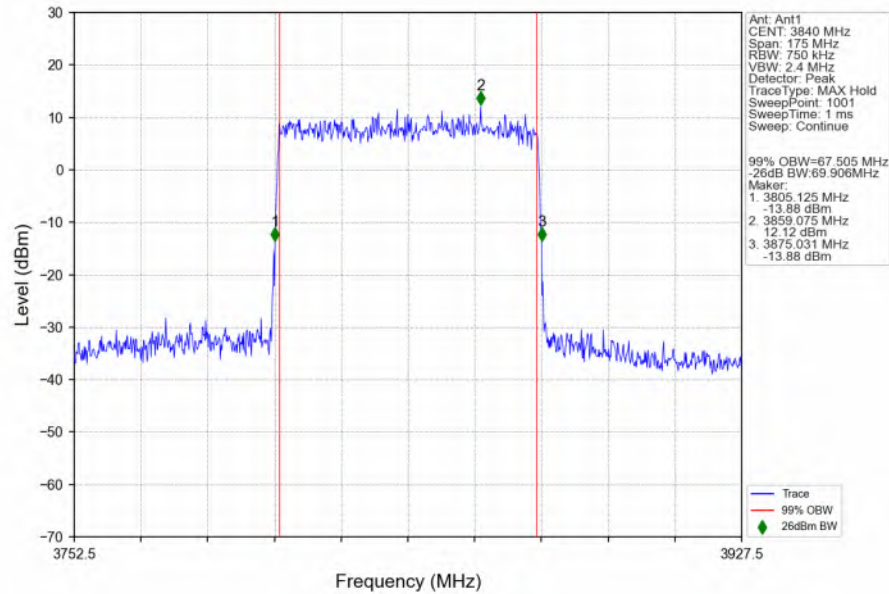
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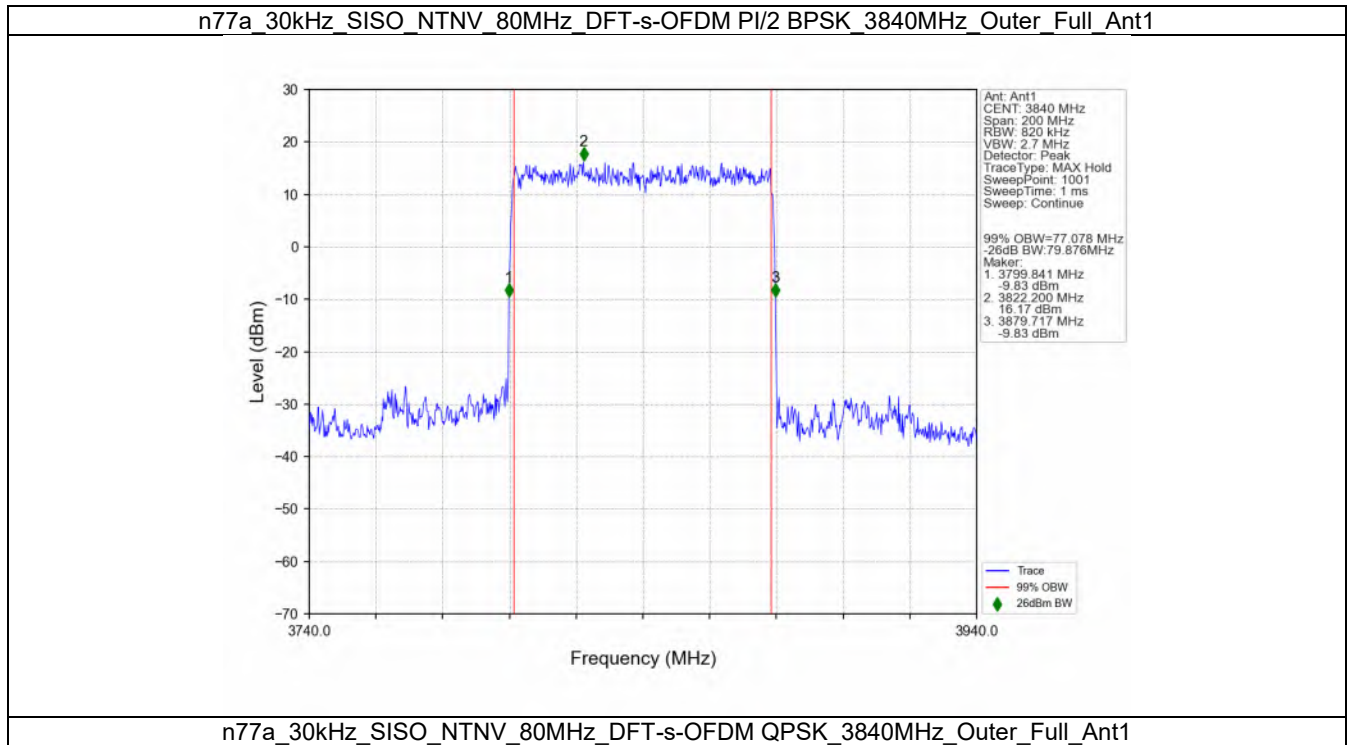
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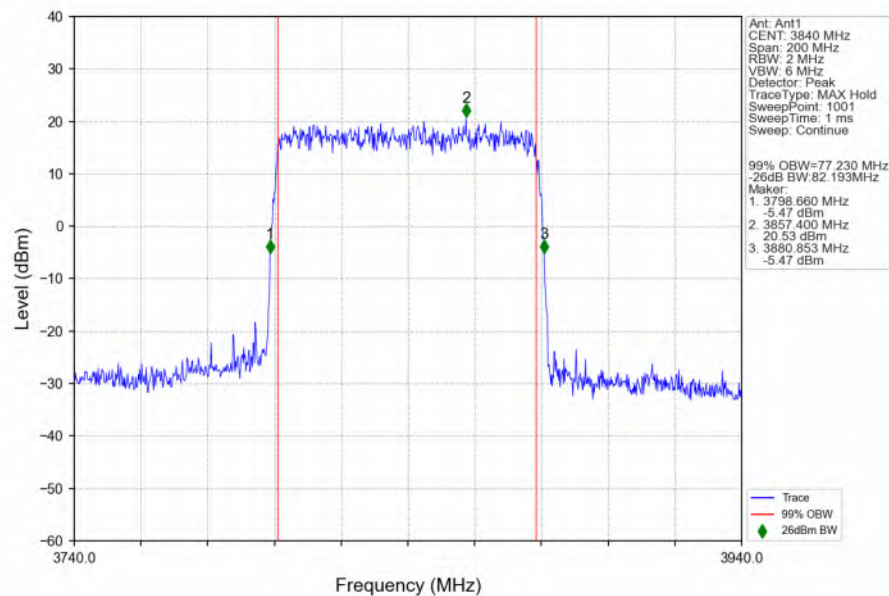


n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1

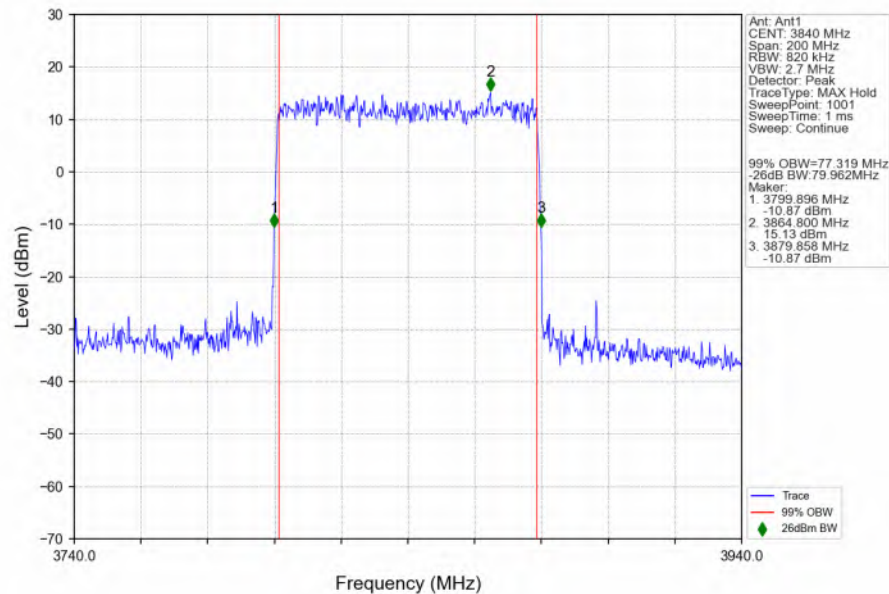


3.2.7 30_S_80M_NTNV

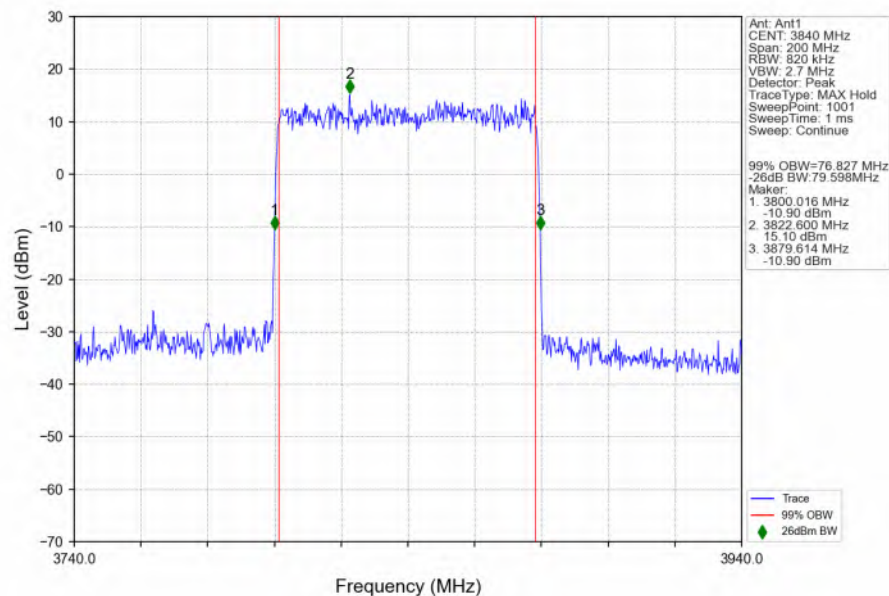




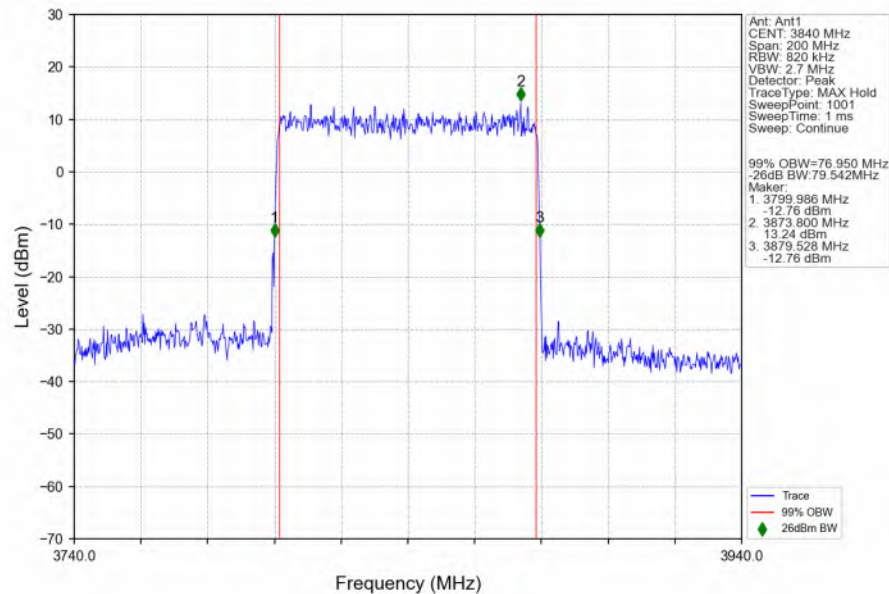
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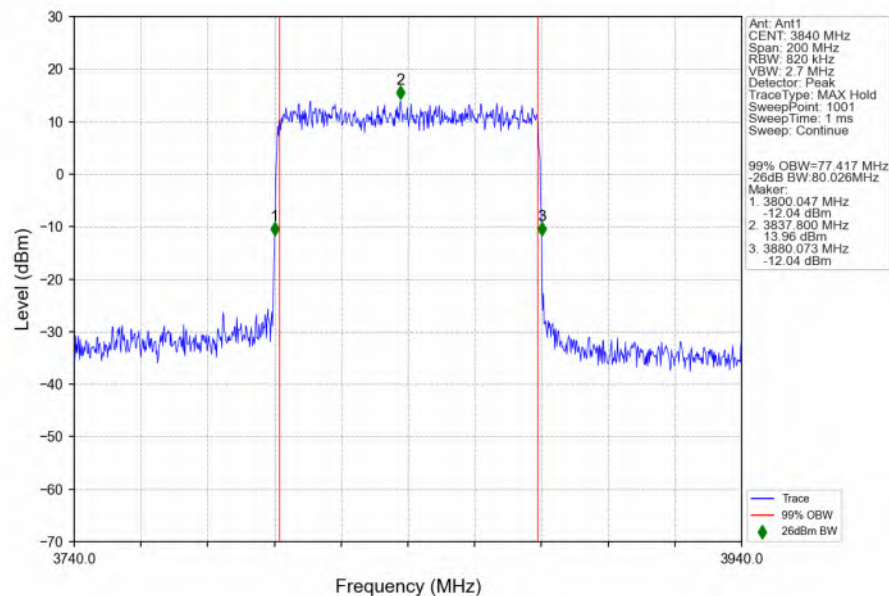
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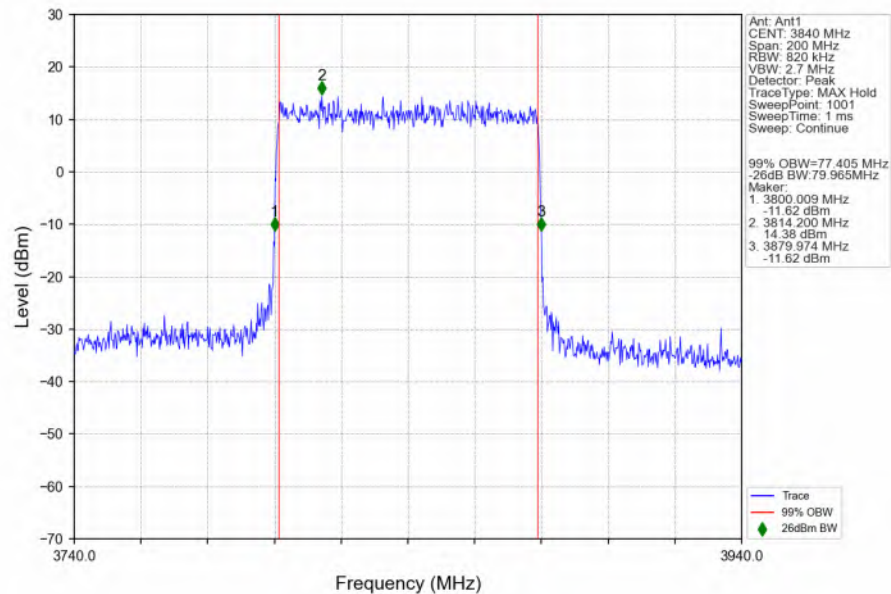
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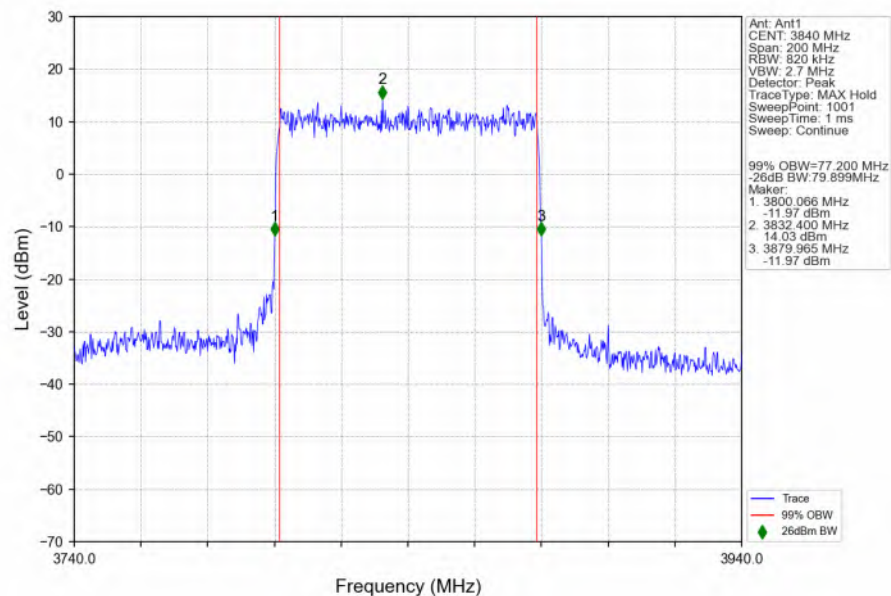
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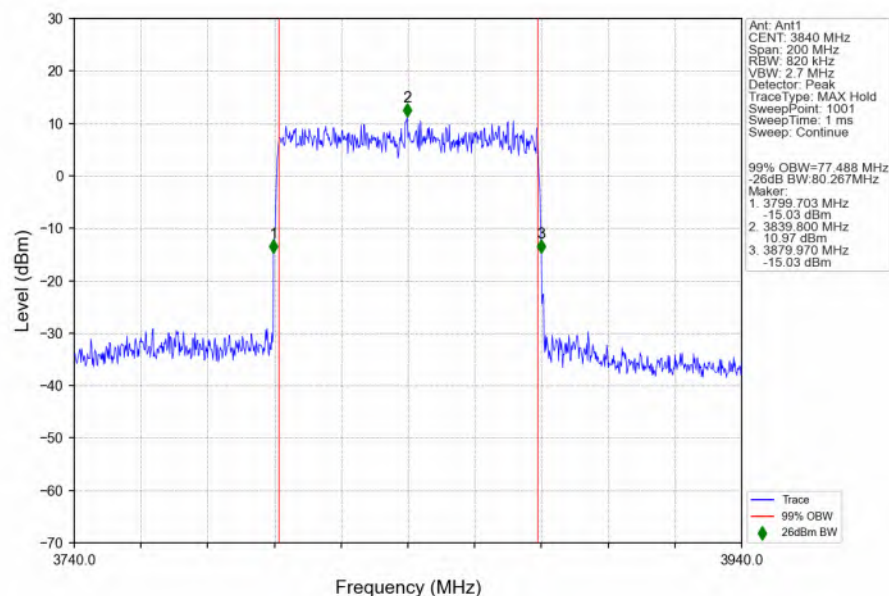
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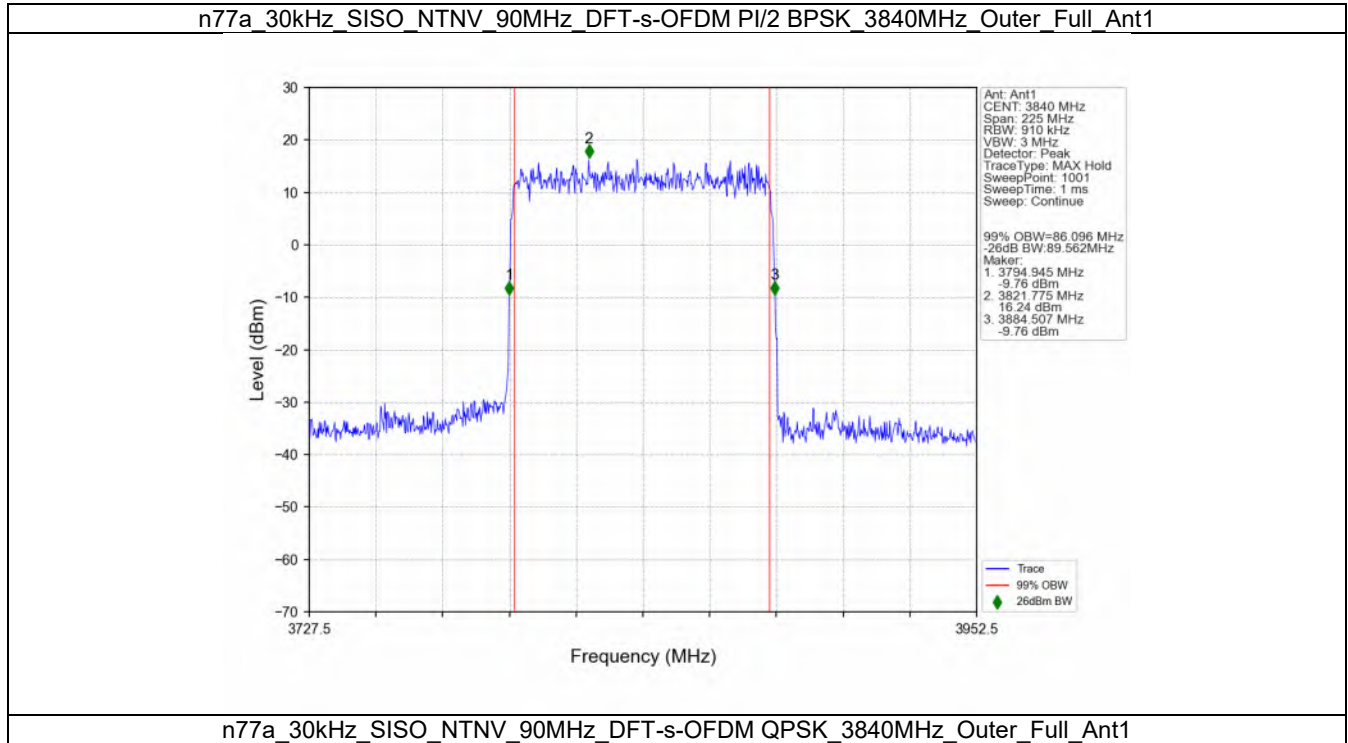
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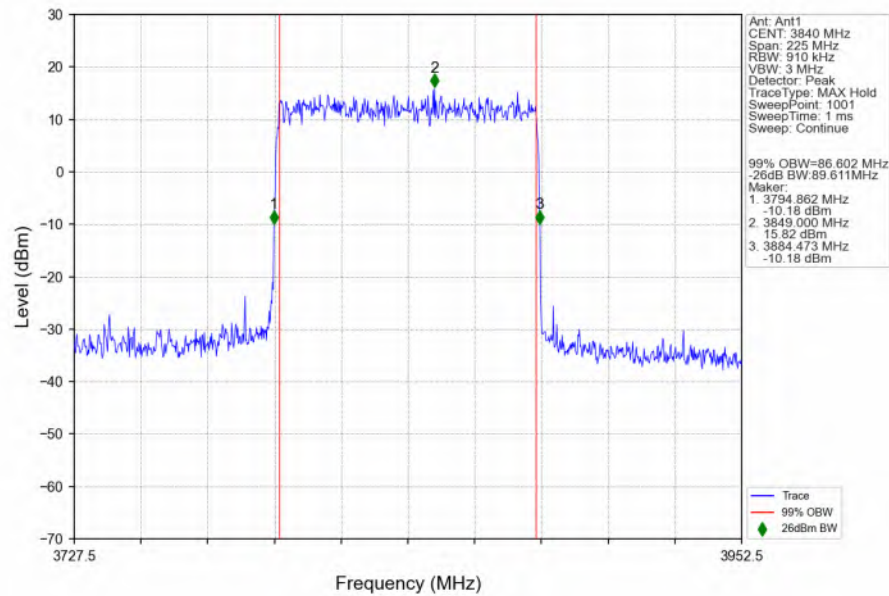


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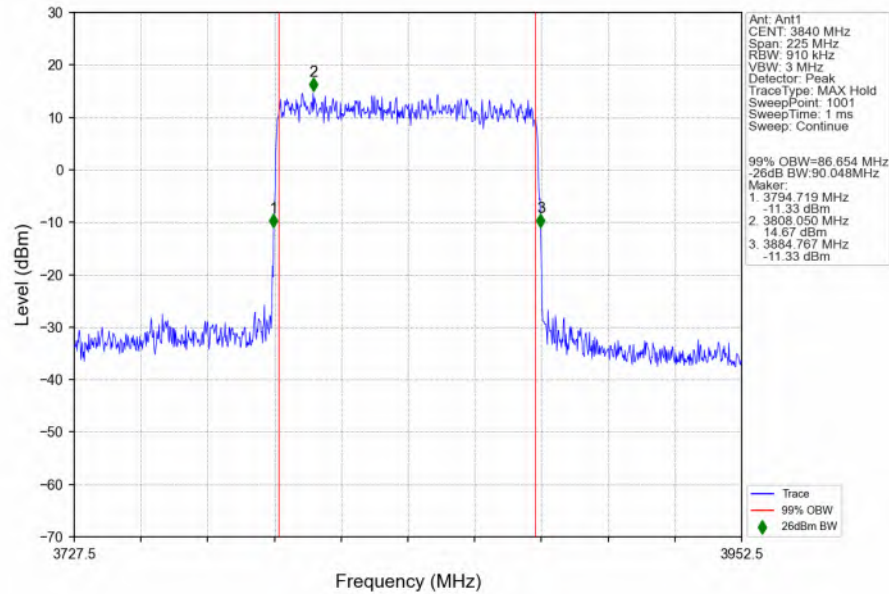


3.2.8 30_S_90M_NTNV

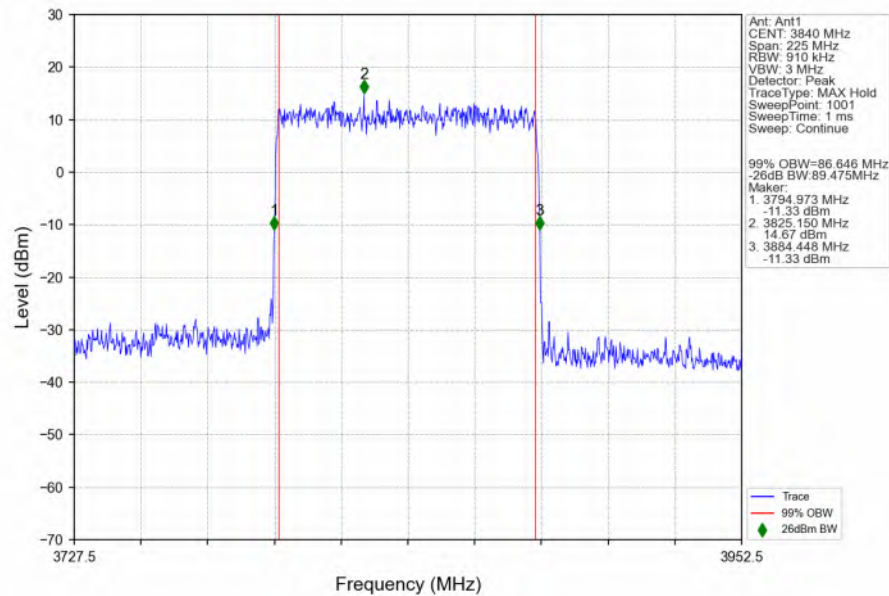




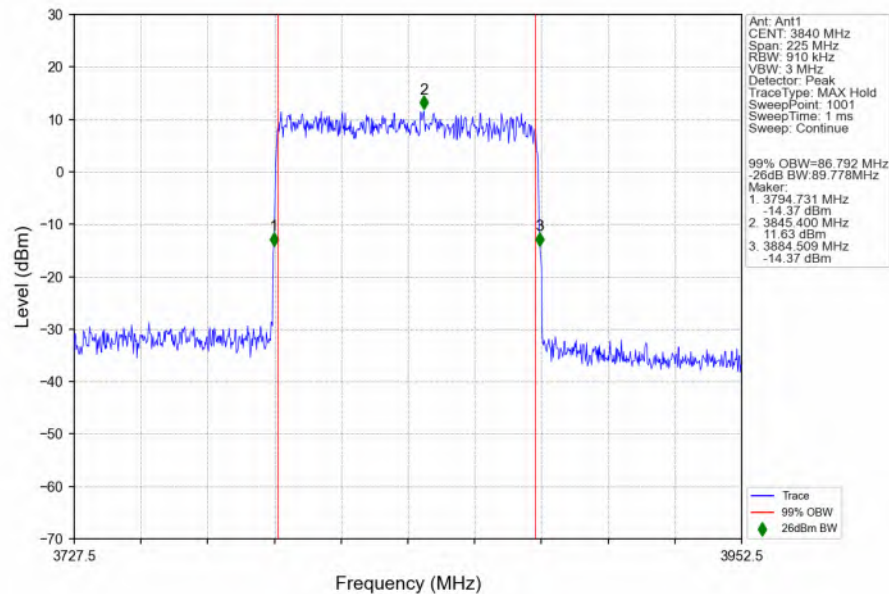
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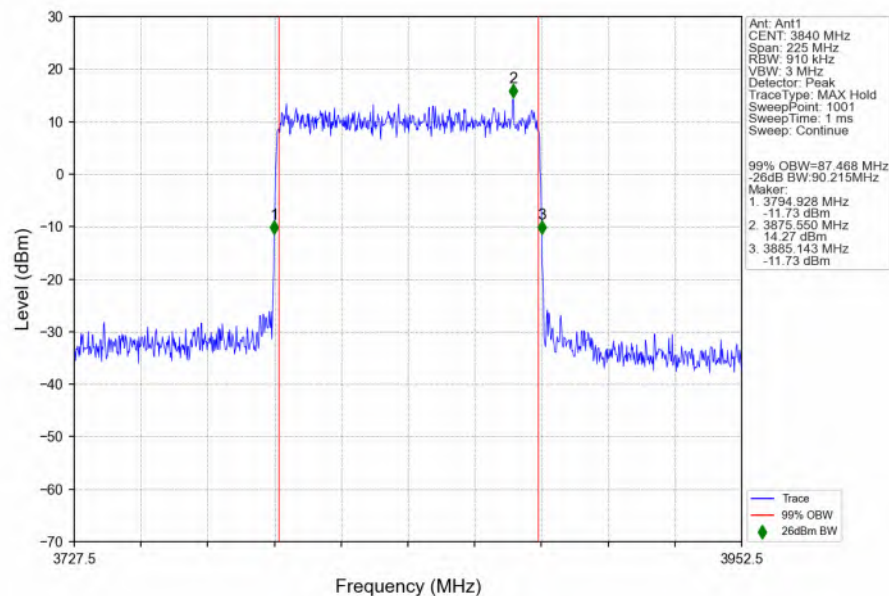
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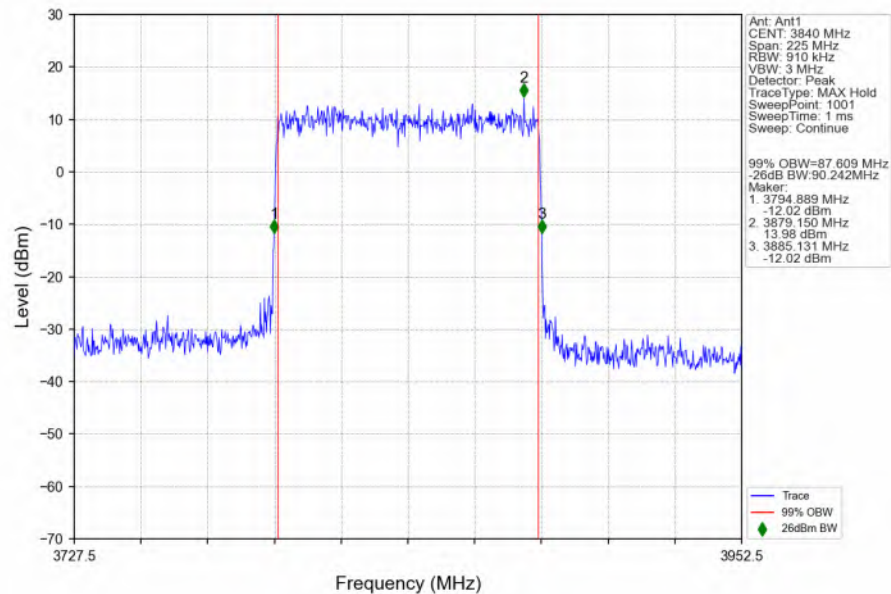
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n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3840MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3840MHz_Outer_Full_Ant1

