

		Edge 1RB Right	19.70	/	/	16.92	/	/	<=30	Pass
		Outer_Full	19.76	/	/	16.98	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.01	/	/	<=30	Pass
		Inner_1RB Left	19.57	/	/	16.79	/	/	<=30	Pass
		Inner_1RB Right	19.71	/	/	16.93	/	/	<=30	Pass
	3840	Edge 1RB Left	19.41	/	/	16.63	/	/	<=30	Pass
		Edge 1RB Right	19.67	/	/	16.89	/	/	<=30	Pass
		Outer_Full	19.62	/	/	16.84	/	/	<=30	Pass
		Inner_Full	19.71	/	/	16.93	/	/	<=30	Pass
		Inner_1RB Left	19.44	/	/	16.66	/	/	<=30	Pass
	3954.99	Inner_1RB Right	19.66	/	/	16.88	/	/	<=30	Pass
		Edge 1RB Left	19.69	/	/	16.91	/	/	<=30	Pass
		Edge 1RB Right	19.66	/	/	16.88	/	/	<=30	Pass
		Outer_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.01	/	/	<=30	Pass
		Inner_1RB Left	19.69	/	/	16.91	/	/	<=30	Pass
		Inner_1RB Right	19.64	/	/	16.86	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_60MHz_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	22.38	/	/	19.60	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer Full	25.58	/	/	22.80	/	/	<=30	Pass
		Inner Full	26.13	/	/	23.35	/	/	<=30	Pass
		Inner 1RB Left	25.84	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Right	26.12	/	/	23.34	/	/	<=30	Pass
	3840	Edge 1RB Left	22.33	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	19.80	/	/	<=30	Pass
		Outer Full	25.48	/	/	22.70	/	/	<=30	Pass
		Inner Full	26.01	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	25.91	/	/	23.13	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.48	/	/	19.70	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	19.59	/	/	<=30	Pass
		Outer Full	25.46	/	/	22.68	/	/	<=30	Pass
		Inner Full	26.01	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	25.90	/	/	23.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Inner 1RB Right	25.78	/	/	23.00	/	/	<=30	Pass
		Edge 1RB Left	22.37	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	19.86	/	/	<=30	Pass
		Outer Full	25.12	/	/	22.34	/	/	<=30	Pass
		Inner Full	26.15	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Left	25.73	/	/	22.95	/	/	<=30	Pass
	3840	Inner 1RB Right	25.99	/	/	23.21	/	/	<=30	Pass
		Edge 1RB Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	19.80	/	/	<=30	Pass
		Outer Full	25.03	/	/	22.25	/	/	<=30	Pass
		Inner Full	26.02	/	/	23.24	/	/	<=30	Pass
		Inner 1RB Left	25.68	/	/	22.90	/	/	<=30	Pass
	3949.98	Inner 1RB Right	25.91	/	/	23.13	/	/	<=30	Pass
		Edge 1RB Left	22.46	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	19.57	/	/	<=30	Pass
		Outer Full	25.00	/	/	22.22	/	/	<=30	Pass

		Inner_Full	26.01	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	22.96	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.22	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	19.71	/	/	<=30	Pass
		Outer_Full	24.13	/	/	21.35	/	/	<=30	Pass
		Inner_Full	25.19	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Left	22.19	/	/	19.41	/	/	<=30	Pass
	3840	Edge_1RB_Right	22.44	/	/	19.66	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.25	/	/	<=30	Pass
		Inner_Full	25.04	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	22.04	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.29	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	19.33	/	/	<=30	Pass
		Outer_Full	24.01	/	/	21.23	/	/	<=30	Pass
		Inner_Full	25.04	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	21.87	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.66	/	/	20.88	/	/	<=30	Pass
		Inner_Full	23.74	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	20.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	23.53	/	/	20.75	/	/	<=30	Pass
		Inner_Full	23.60	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	20.66	/	/	<=30	Pass
	3949.98	Inner_1RB_Right	23.59	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Left	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.53	/	/	20.75	/	/	<=30	Pass
		Inner_Full	23.60	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	20.81	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Right	23.47	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Left	21.43	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
		Outer_Full	21.75	/	/	18.97	/	/	<=30	Pass
		Inner_Full	21.80	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.65	/	/	<=30	Pass
	3840	Inner_1RB_Right	21.70	/	/	18.92	/	/	<=30	Pass
		Edge_1RB_Left	21.32	/	/	18.54	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	18.80	/	/	<=30	Pass
		Outer_Full	21.62	/	/	18.84	/	/	<=30	Pass
		Inner_Full	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	18.57	/	/	<=30	Pass
	3949.98	Inner_1RB_Right	21.59	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Left	21.53	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	18.69	/	/	<=30	Pass
		Outer_Full	21.64	/	/	18.86	/	/	<=30	Pass
		Inner_Full	21.64	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	18.74	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner_1RB_Right	21.43	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Left	22.30	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass

		Outer_Full	23.09	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.62	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	21.79	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.22	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.85	/	/	<=30	Pass
		Outer_Full	23.00	/	/	20.22	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	21.79	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.38	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.61	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.19	/	/	<=30	Pass
		Inner_Full	24.48	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	21.53	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.18	/	/	19.40	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.55	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.04	/	/	19.26	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.55	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.20	/	/	<=30	Pass
		Inner_Full	23.98	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	20.82	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.09	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	19.47	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.19	/	/	<=30	Pass
		Inner_Full	23.97	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	20.80	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.02	/	/	<=30	Pass
		Outer_Full	22.64	/	/	19.86	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.46	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.50	/	/	19.72	/	/	<=30	Pass
		Inner_Full	22.55	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.79	/	/	<=30	Pass
		Outer_Full	22.49	/	/	19.71	/	/	<=30	Pass
		Inner_Full	22.55	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	19.49	/	/	16.71	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	16.98	/	/	<=30	Pass
		Outer_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.75	/	/	16.97	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	17.03	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.44	/	/	16.66	/	/	<=30	Pass

		Edge_1RB_Right	19.66	/	/	16.88	/	/	<=30	Pass
		Outer_Full	19.60	/	/	16.82	/	/	<=30	Pass
		Inner_Full	19.62	/	/	16.84	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	16.68	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	16.91	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	19.62	/	/	16.84	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	16.79	/	/	<=30	Pass
		Outer_Full	19.63	/	/	16.85	/	/	<=30	Pass
		Inner_Full	19.65	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	16.77	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_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	22.56	/	/	19.78	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	19.99	/	/	<=30	Pass
		Outer Full	25.73	/	/	22.95	/	/	<=30	Pass
		Inner Full	26.23	/	/	23.45	/	/	<=30	Pass
		Inner 1RB Left	26.06	/	/	23.28	/	/	<=30	Pass
	3840	Inner 1RB Right	26.23	/	/	23.45	/	/	<=30	Pass
		Edge 1RB Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	19.88	/	/	<=30	Pass
		Outer Full	25.57	/	/	22.79	/	/	<=30	Pass
		Inner Full	26.09	/	/	23.31	/	/	<=30	Pass
		Inner 1RB Left	25.89	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Right	26.05	/	/	23.27	/	/	<=30	Pass
	3945	Edge 1RB Left	22.66	/	/	19.88	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer Full	25.63	/	/	22.85	/	/	<=30	Pass
		Inner Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	26.12	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Inner 1RB Right	25.94	/	/	23.16	/	/	<=30	Pass
		Edge 1RB Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	19.93	/	/	<=30	Pass
		Outer Full	25.25	/	/	22.47	/	/	<=30	Pass
		Inner Full	26.25	/	/	23.47	/	/	<=30	Pass
	3840	Inner 1RB Left	25.90	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Right	26.11	/	/	23.33	/	/	<=30	Pass
		Edge 1RB Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer Full	25.10	/	/	22.32	/	/	<=30	Pass
	3945	Inner Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	25.84	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Right	26.01	/	/	23.23	/	/	<=30	Pass
		Edge 1RB Left	22.63	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	19.68	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Outer Full	25.13	/	/	22.35	/	/	<=30	Pass
		Inner Full	26.10	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	25.97	/	/	23.19	/	/	<=30	Pass
		Inner 1RB Right	25.86	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Left	22.37	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	19.72	/	/	<=30	Pass
		Outer Full	24.28	/	/	21.50	/	/	<=30	Pass

		Inner_Full	25.26	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	22.04	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.27	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.37	/	/	<=30	Pass
		Inner_Full	25.17	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	22.21	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.53	/	/	<=30	Pass
		Outer_Full	24.16	/	/	21.38	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	21.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.75	/	/	20.97	/	/	<=30	Pass
		Inner_Full	23.82	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.04	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.69	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.64	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.65	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	21.05	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.80	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	19.99	/	/	<=30	Pass
		Outer_Full	23.66	/	/	20.88	/	/	<=30	Pass
		Inner_Full	23.65	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	20.87	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.51	/	/	18.73	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	18.95	/	/	<=30	Pass
		Outer_Full	21.83	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.82	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	19.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.52	/	/	18.74	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	18.90	/	/	<=30	Pass
		Outer_Full	21.70	/	/	18.92	/	/	<=30	Pass
		Inner_Full	21.69	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	18.89	/	/	<=30	Pass
	3945	Edge_1RB_Left	21.66	/	/	18.88	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	18.77	/	/	<=30	Pass
		Outer_Full	21.65	/	/	18.87	/	/	<=30	Pass
		Inner_Full	21.71	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	18.76	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	19.99	/	/	<=30	Pass
		Outer_Full	23.26	/	/	20.48	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	22.07	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.89	/	/	<=30	Pass

		Outer_Full	23.13	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.62	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	21.87	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	22.24	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.47	/	/	<=30	Pass
		Inner_Full	24.27	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	21.03	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.24	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	19.64	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.15	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	21.06	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.38	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.50	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.15	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	21.02	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	22.69	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	20.08	/	/	<=30	Pass
		Outer_Full	22.77	/	/	19.99	/	/	<=30	Pass
		Inner_Full	22.76	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	20.11	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.04	/	/	<=30	Pass
		Outer_Full	22.69	/	/	19.91	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	20.00	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.81	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer_Full	22.66	/	/	19.88	/	/	<=30	Pass
		Inner_Full	22.66	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	19.95	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	19.64	/	/	16.86	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	17.10	/	/	<=30	Pass
		Outer_Full	19.84	/	/	17.06	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Left	19.67	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	17.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.62	/	/	16.84	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	17.00	/	/	<=30	Pass
		Outer_Full	19.68	/	/	16.90	/	/	<=30	Pass
		Inner_Full	19.67	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	17.02	/	/	<=30	Pass
	3945	Edge_1RB_Left	19.79	/	/	17.01	/	/	<=30	Pass

		Edge 1RB Right	19.63	/	/	16.85	/	/	<=30	Pass
		Outer Full	19.70	/	/	16.92	/	/	<=30	Pass
		Inner Full	19.68	/	/	16.90	/	/	<=30	Pass
		Inner 1RB Left	19.82	/	/	17.04	/	/	<=30	Pass
		Inner 1RB Right	19.65	/	/	16.87	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_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	22.65	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer Full	25.79	/	/	23.01	/	/	<=30	Pass
		Inner Full	26.31	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Left	26.10	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Right	26.19	/	/	23.41	/	/	<=30	Pass
	3840	Edge 1RB Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer Full	25.61	/	/	22.83	/	/	<=30	Pass
		Inner Full	26.18	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Left	26.02	/	/	23.24	/	/	<=30	Pass
		Inner 1RB Right	26.09	/	/	23.31	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.71	/	/	19.93	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	19.80	/	/	<=30	Pass
		Outer Full	25.66	/	/	22.88	/	/	<=30	Pass
		Inner Full	26.20	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	26.18	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Right	25.97	/	/	23.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.60	/	/	19.82	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	20.00	/	/	<=30	Pass
		Outer Full	25.30	/	/	22.52	/	/	<=30	Pass
		Inner Full	26.35	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Left	25.98	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	23.44	/	/	<=30	Pass
	3840	Edge 1RB Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	19.95	/	/	<=30	Pass
		Outer Full	25.15	/	/	22.37	/	/	<=30	Pass
		Inner Full	26.20	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	25.98	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Right	26.06	/	/	23.28	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.69	/	/	19.91	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	19.66	/	/	<=30	Pass
		Outer Full	25.17	/	/	22.39	/	/	<=30	Pass
		Inner Full	26.25	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Left	26.03	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	25.91	/	/	23.13	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.45	/	/	19.67	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	19.85	/	/	<=30	Pass
		Outer Full	24.32	/	/	21.54	/	/	<=30	Pass
		Inner Full	25.36	/	/	22.58	/	/	<=30	Pass
		Inner 1RB Left	25.00	/	/	22.22	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	22.41	/	/	<=30	Pass
	3840	Edge 1RB Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	19.82	/	/	<=30	Pass
		Outer Full	24.16	/	/	21.38	/	/	<=30	Pass

		Inner_Full	25.25	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	24.90	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	22.21	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.53	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	19.55	/	/	<=30	Pass
		Outer_Full	24.19	/	/	21.41	/	/	<=30	Pass
		Inner_Full	25.24	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.88	/	/	22.10	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.82	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.89	/	/	21.11	/	/	<=30	Pass
		Inner_Full	23.89	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	21.15	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.83	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.13	/	/	<=30	Pass
		Outer_Full	23.68	/	/	20.90	/	/	<=30	Pass
		Inner_Full	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	21.02	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.87	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	20.93	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	21.58	/	/	18.80	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.92	/	/	19.14	/	/	<=30	Pass
		Inner_Full	21.94	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	19.02	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.65	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	18.92	/	/	<=30	Pass
		Outer_Full	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	18.98	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.75	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	18.84	/	/	<=30	Pass
		Outer_Full	21.76	/	/	18.98	/	/	<=30	Pass
		Inner_Full	21.76	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	18.77	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	20.00	/	/	<=30	Pass
		Outer_Full	23.30	/	/	20.52	/	/	<=30	Pass
		Inner_Full	24.80	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	22.09	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.34	/	/	<=30	Pass
		Inner_Full	24.67	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	21.94	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.81	/	/	<=30	Pass

		Outer_Full	23.15	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	21.77	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.36	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.35	/	/	20.57	/	/	<=30	Pass
		Inner_Full	24.36	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.11	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.68	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.19	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	21.12	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.56	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.24	/	/	21.46	/	/	<=30	Pass
Inner_1RB_Left		23.89	/	/	21.11	/	/	<=30	Pass	
Inner_1RB_Right		23.80	/	/	21.02	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.05	/	/	<=30	Pass
		Inner_Full	22.84	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	20.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.07	/	/	<=30	Pass
		Outer_Full	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_Full	22.73	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.80	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass
		Outer_Full	22.70	/	/	19.92	/	/	<=30	Pass
		Inner_Full	22.74	/	/	19.96	/	/	<=30	Pass
Inner_1RB_Left		22.81	/	/	20.03	/	/	<=30	Pass	
Inner_1RB_Right		22.74	/	/	19.96	/	/	<=30	Pass	
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.72	/	/	16.94	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	17.11	/	/	<=30	Pass
		Outer_Full	19.91	/	/	17.13	/	/	<=30	Pass
		Inner_Full	19.89	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	17.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.76	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	17.08	/	/	<=30	Pass
		Outer_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.73	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	17.07	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	19.81	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	16.90	/	/	<=30	Pass
		Outer_Full	19.75	/	/	16.97	/	/	<=30	Pass
		Inner_Full	19.74	/	/	16.96	/	/	<=30	Pass
Inner_1RB_Left		19.87	/	/	17.09	/	/	<=30	Pass	
Inner_1RB_Right		19.67	/	/	16.89	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -2.78dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_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	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.04	/	/	<=30	Pass
		Outer_Full	25.78	/	/	23.00	/	/	<=30	Pass
		Inner_Full	26.30	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.41	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.68	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.66	/	/	22.88	/	/	<=30	Pass
		Inner_Full	26.17	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.29	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.67	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	25.73	/	/	22.95	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.16	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	22.57	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	20.00	/	/	<=30	Pass
		Outer_Full	25.30	/	/	22.52	/	/	<=30	Pass
		Inner_Full	26.32	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.35	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.66	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.89	/	/	<=30	Pass
		Outer_Full	25.20	/	/	22.42	/	/	<=30	Pass
		Inner_Full	26.19	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.29	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.63	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	19.72	/	/	<=30	Pass
		Outer_Full	25.25	/	/	22.47	/	/	<=30	Pass
		Inner_Full	26.31	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	23.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.44	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.81	/	/	<=30	Pass
		Outer_Full	24.35	/	/	21.57	/	/	<=30	Pass
		Inner_Full	25.33	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	25.01	/	/	22.23	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.46	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.80	/	/	<=30	Pass
		Outer_Full	24.26	/	/	21.48	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	22.21	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	19.58	/	/	<=30	Pass

		Outer_Full	24.28	/	/	21.50	/	/	<=30	Pass
		Inner_Full	25.29	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	22.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.23	/	/	<=30	Pass
		Outer_Full	23.84	/	/	21.06	/	/	<=30	Pass
		Inner_Full	23.85	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Left	22.89	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.10	/	/	<=30	Pass
	3840	Outer_Full	23.75	/	/	20.97	/	/	<=30	Pass
		Inner_Full	23.71	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Left	22.81	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass
	3934.98	Outer_Full	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_Full	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	20.92	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	21.59	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.91	/	/	19.13	/	/	<=30	Pass
		Inner_Full	21.92	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	19.02	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.64	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	18.92	/	/	<=30	Pass
		Outer_Full	21.75	/	/	18.97	/	/	<=30	Pass
		Inner_Full	21.74	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	21.70	/	/	18.92	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	18.79	/	/	<=30	Pass
		Outer_Full	21.80	/	/	19.02	/	/	<=30	Pass
		Inner_Full	21.85	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	18.74	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.31	/	/	20.53	/	/	<=30	Pass
		Inner_Full	24.77	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	22.15	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.60	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.62	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	21.97	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.46	/	/	<=30	Pass
		Inner_Full	24.72	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	21.81	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.32	/	/	19.54	/	/	<=30	Pass

		Edge 1RB Right	22.59	/	/	19.81	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.50	/	/	<=30	Pass
		Inner_Full	24.30	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	21.16	/	/	<=30	Pass
	3840	Edge 1RB Left	22.44	/	/	19.66	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	19.59	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.16	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	21.15	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	23.88	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	19.55	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.46	/	/	<=30	Pass
		Inner_Full	24.27	/	/	21.49	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Inner_1RB_Left	23.89	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Left	22.74	/	/	19.96	/	/	<=30	Pass
		Edge 1RB Right	22.95	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.03	/	/	<=30	Pass
	3840	Inner_Full	22.81	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	20.21	/	/	<=30	Pass
		Edge 1RB Left	22.88	/	/	20.10	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	20.10	/	/	<=30	Pass
	3934.98	Outer_Full	22.73	/	/	19.95	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	20.07	/	/	<=30	Pass
		Edge 1RB Left	22.78	/	/	20.00	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge 1RB Right	22.72	/	/	19.94	/	/	<=30	Pass
		Outer_Full	22.75	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.79	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	19.93	/	/	<=30	Pass
	3840	Edge 1RB Left	19.68	/	/	16.90	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	17.15	/	/	<=30	Pass
		Outer_Full	19.87	/	/	17.09	/	/	<=30	Pass
		Inner_Full	19.86	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	16.92	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	19.91	/	/	17.13	/	/	<=30	Pass
		Edge 1RB Left	19.79	/	/	17.01	/	/	<=30	Pass
		Edge 1RB Right	19.85	/	/	17.07	/	/	<=30	Pass
		Outer_Full	19.74	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.71	/	/	16.93	/	/	<=30	Pass
	3840	Inner_1RB_Left	19.80	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	17.06	/	/	<=30	Pass
		Edge 1RB Left	19.76	/	/	16.98	/	/	<=30	Pass
	3934.98	Edge 1RB Right	19.70	/	/	16.92	/	/	<=30	Pass
		Outer_Full	19.80	/	/	17.02	/	/	<=30	Pass
		Inner_Full	19.83	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	17.01	/	/	<=30	Pass
Inner_1RB_Right	19.64	/	/	16.86	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_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	22.60	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	19.95	/	/	<=30	Pass
		Outer_Full	25.85	/	/	23.07	/	/	<=30	Pass
		Inner_Full	26.36	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.66	/	/	22.88	/	/	<=30	Pass
		Inner_Full	26.17	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.30	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.77	/	/	<=30	Pass
		Outer_Full	25.67	/	/	22.89	/	/	<=30	Pass
		Inner_Full	26.25	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	26.07	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	23.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.34	/	/	22.56	/	/	<=30	Pass
		Inner_Full	26.37	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.32	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.22	/	/	22.44	/	/	<=30	Pass
		Inner_Full	26.17	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	26.07	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.24	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.64	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer_Full	25.20	/	/	22.42	/	/	<=30	Pass
		Inner_Full	26.28	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	23.17	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer_Full	24.40	/	/	21.62	/	/	<=30	Pass
		Inner_Full	25.41	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	25.03	/	/	22.25	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.61	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.77	/	/	<=30	Pass
		Outer_Full	24.23	/	/	21.45	/	/	<=30	Pass
		Inner_Full	25.21	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	22.22	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.55	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.53	/	/	<=30	Pass
		Outer_Full	24.23	/	/	21.45	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	22.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.79	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.13	/	/	<=30	Pass

		Outer_Full	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_Full	23.93	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.10	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.81	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.75	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.96	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.76	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.81	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	20.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.58	/	/	18.80	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	18.96	/	/	<=30	Pass
		Outer_Full	21.95	/	/	19.17	/	/	<=30	Pass
		Inner_Full	21.99	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	19.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.67	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	18.86	/	/	<=30	Pass
		Outer_Full	21.78	/	/	19.00	/	/	<=30	Pass
		Inner_Full	21.75	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	18.89	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.67	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	18.80	/	/	<=30	Pass
		Outer_Full	21.76	/	/	18.98	/	/	<=30	Pass
		Inner_Full	21.83	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	18.77	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.36	/	/	20.58	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	22.03	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.83	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.63	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	21.98	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.45	/	/	<=30	Pass
		Inner_Full	24.71	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	21.75	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.39	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.73	/	/	<=30	Pass
		Outer_Full	23.37	/	/	20.59	/	/	<=30	Pass
		Inner_Full	24.43	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	21.16	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass

		Edge 1RB Right	22.49	/	/	19.71	/	/	<=30	Pass
		Outer Full	23.23	/	/	20.45	/	/	<=30	Pass
		Inner Full	24.18	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Left	23.95	/	/	21.17	/	/	<=30	Pass
		Inner 1RB Right	23.89	/	/	21.11	/	/	<=30	Pass
	3930	Edge 1RB Left	22.43	/	/	19.65	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	19.49	/	/	<=30	Pass
		Outer Full	23.24	/	/	20.46	/	/	<=30	Pass
		Inner Full	24.25	/	/	21.47	/	/	<=30	Pass
		Inner 1RB Left	23.71	/	/	20.93	/	/	<=30	Pass
Inner 1RB Right	23.65	/	/	20.87	/	/	<=30	Pass		
CP-OFDM 64 QAM	3750	Edge 1RB Left	22.69	/	/	19.91	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	20.13	/	/	<=30	Pass
		Outer Full	22.90	/	/	20.12	/	/	<=30	Pass
		Inner Full	22.93	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Left	22.77	/	/	19.99	/	/	<=30	Pass
		Inner 1RB Right	22.89	/	/	20.11	/	/	<=30	Pass
	3840	Edge 1RB Left	22.92	/	/	20.14	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	20.05	/	/	<=30	Pass
		Outer Full	22.72	/	/	19.94	/	/	<=30	Pass
		Inner Full	22.69	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	20.12	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	20.08	/	/	<=30	Pass
	3930	Edge 1RB Left	22.79	/	/	20.01	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	19.92	/	/	<=30	Pass
		Outer Full	22.71	/	/	19.93	/	/	<=30	Pass
		Inner Full	22.78	/	/	20.00	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Right	22.80	/	/	20.02	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge 1RB Left	19.68	/	/	16.90	/	/	<=30	Pass
		Edge 1RB Right	19.83	/	/	17.05	/	/	<=30	Pass
		Outer Full	19.93	/	/	17.15	/	/	<=30	Pass
		Inner Full	19.95	/	/	17.17	/	/	<=30	Pass
		Inner 1RB Left	19.74	/	/	16.96	/	/	<=30	Pass
		Inner 1RB Right	19.89	/	/	17.11	/	/	<=30	Pass
	3840	Edge 1RB Left	19.81	/	/	17.03	/	/	<=30	Pass
		Edge 1RB Right	19.82	/	/	17.04	/	/	<=30	Pass
		Outer Full	19.77	/	/	16.99	/	/	<=30	Pass
		Inner Full	19.73	/	/	16.95	/	/	<=30	Pass
		Inner 1RB Left	19.86	/	/	17.08	/	/	<=30	Pass
		Inner 1RB Right	19.83	/	/	17.05	/	/	<=30	Pass
	3930	Edge 1RB Left	19.79	/	/	17.01	/	/	<=30	Pass
		Edge 1RB Right	19.58	/	/	16.80	/	/	<=30	Pass
		Outer Full	19.79	/	/	17.01	/	/	<=30	Pass
Inner Full		19.84	/	/	17.06	/	/	<=30	Pass	
Inner 1RB Left		19.87	/	/	17.09	/	/	<=30	Pass	
Inner 1RB Right	19.70	/	/	16.92	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

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	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	0.90	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-10.90	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n77a SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	8.68	9.38	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	8.72	9.57	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	8.67	9.35	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	8.63	9.42	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	8.59	9.52	/	Pass
CP-OFDM QPSK	3840	Outer_Full	8.69	9.43	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	8.68	9.27	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	8.72	9.28	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	8.71	9.27	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n77a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	13.15	13.96	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	13.14	13.94	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	13.14	14.13	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	13.02	14.11	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	12.93	14.11	/	Pass
CP-OFDM QPSK	3840	Outer_Full	13.71	14.70	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	13.81	14.67	/	Pass

CP-OFDM 64 QAM	3840	Outer_Full	13.80	14.67	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	13.68	14.67	/	Pass

3.1.3 30k_SISO_20MHz_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	18.13	19.25	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	18.06	19.33	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	18.15	19.31	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	18.08	19.33	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	18.07	19.26	/	Pass
CP-OFDM QPSK	3840	Outer_Full	18.35	19.57	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	18.38	19.64	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	18.25	19.59	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	18.39	19.66	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n77a SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	23.18	24.64	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	23.11	24.68	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	23.14	24.67	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	23.16	24.72	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	23.19	24.42	/	Pass
CP-OFDM QPSK	3840	Outer_Full	23.28	25.08	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	23.46	24.97	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	23.27	24.99	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	23.36	25.09	/	Pass

3.1.5 30k_SISO_30MHz_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	27.12	28.84	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	27.13	29.16	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	27.09	28.89	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	27.18	28.86	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	26.98	29.01	/	Pass
CP-OFDM QPSK	3840	Outer_Full	28.12	29.88	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	27.86	29.88	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	28.13	29.86	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	28.12	30.04	/	Pass

3.1.6 30k_SISO_40MHz_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	36.11	38.48	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	35.98	38.37	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	36.13	38.54	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	36.03	38.48	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	36.07	38.27	/	Pass
CP-OFDM QPSK	3840	Outer_Full	37.93	40.61	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	38.14	40.77	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	38.19	40.59	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	38.06	40.70	/	Pass

3.1.7 30k_SISO_50MHz_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	46.05	49.13	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	46.02	49.02	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	45.92	49.24	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	46.09	49.12	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	46.18	49.16	/	Pass
CP-OFDM QPSK	3840	Outer_Full	47.90	51.02	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	47.75	50.92	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	47.90	51.05	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	47.56	50.90	/	Pass

3.1.8 30k_SISO_60MHz_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	58.06	62.20	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	58.28	62.31	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	58.26	61.91	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	58.12	62.25	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	58.09	61.98	/	Pass
CP-OFDM QPSK	3840	Outer_Full	58.17	62.40	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	58.05	62.00	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	58.26	62.30	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	58.53	62.16	/	Pass

3.1.9 30k_SISO_70MHz_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	65.12	69.60	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	65.14	69.55	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	64.69	69.72	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	64.99	69.02	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	65.27	69.43	/	Pass
CP-OFDM QPSK	3840	Outer_Full	67.89	72.60	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	68.00	72.86	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	68.15	72.89	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	68.04	72.60	/	Pass

3.1.10 30k_SISO_80MHz_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	77.62	83.05	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	77.81	82.94	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	77.94	83.01	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	77.77	82.97	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	77.79	82.56	/	Pass
CP-OFDM QPSK	3840	Outer_Full	77.78	83.32	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	77.60	82.61	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	78.36	83.40	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	77.96	83.26	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

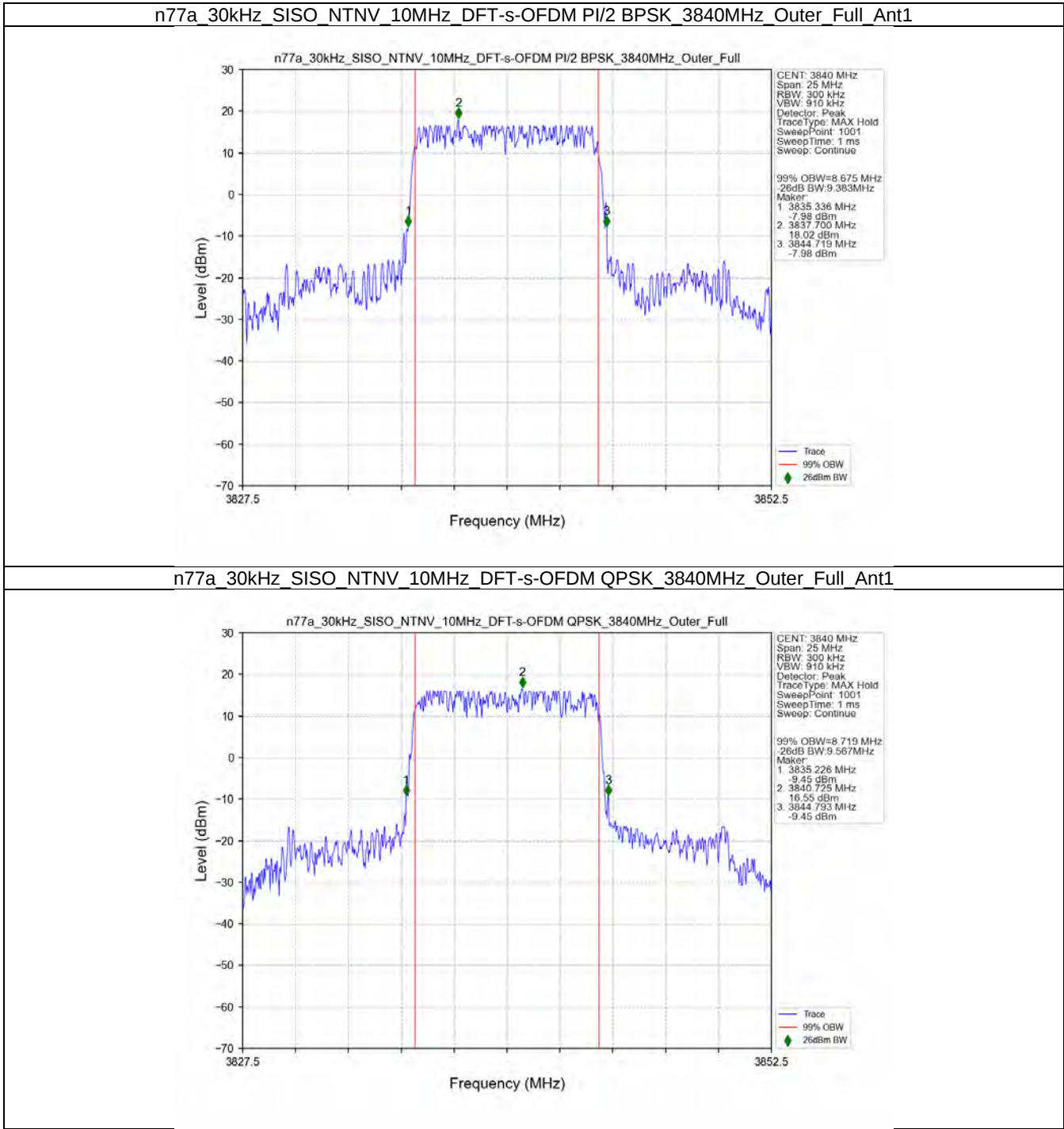
5G NR n77a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	87.44	93.21	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	87.29	93.11	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	87.32	92.92	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	87.57	93.23	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	87.67	92.85	/	Pass
CP-OFDM QPSK	3840	Outer_Full	88.03	93.90	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	88.06	93.56	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	88.24	93.95	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	88.10	93.82	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

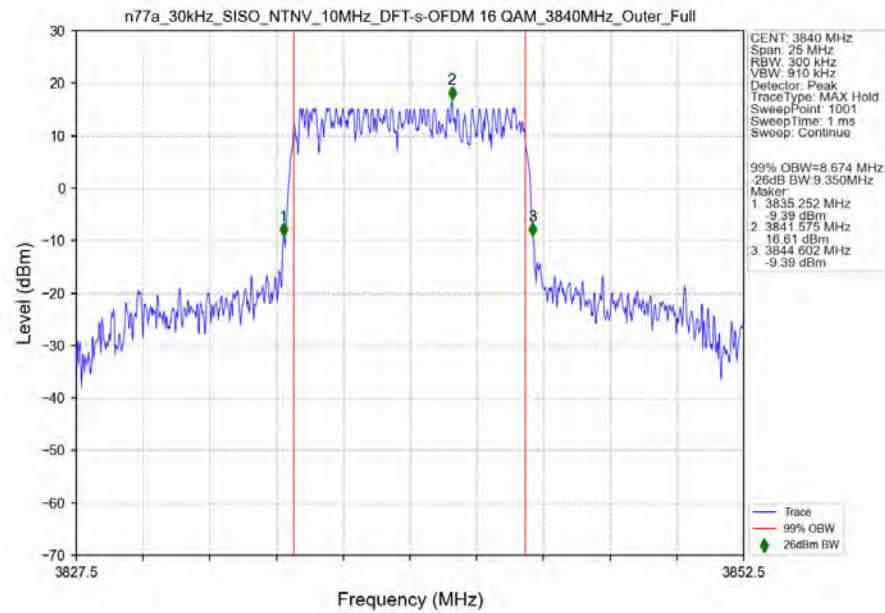
5G NR n77a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	96.85	103.50	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	97.47	103.58	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	96.90	103.35	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	97.00	103.04	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	97.03	103.35	/	Pass
CP-OFDM QPSK	3840	Outer_Full	97.99	104.79	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	98.10	104.78	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	98.13	104.47	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	98.02	104.22	/	Pass

3.2 Test Graph

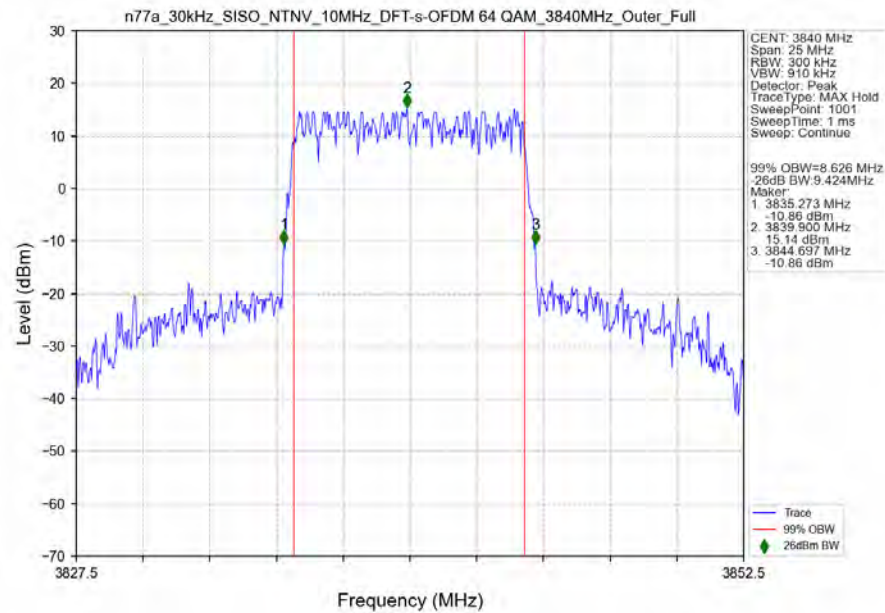
3.2.1 30k_SISO_10MHz_NTNV



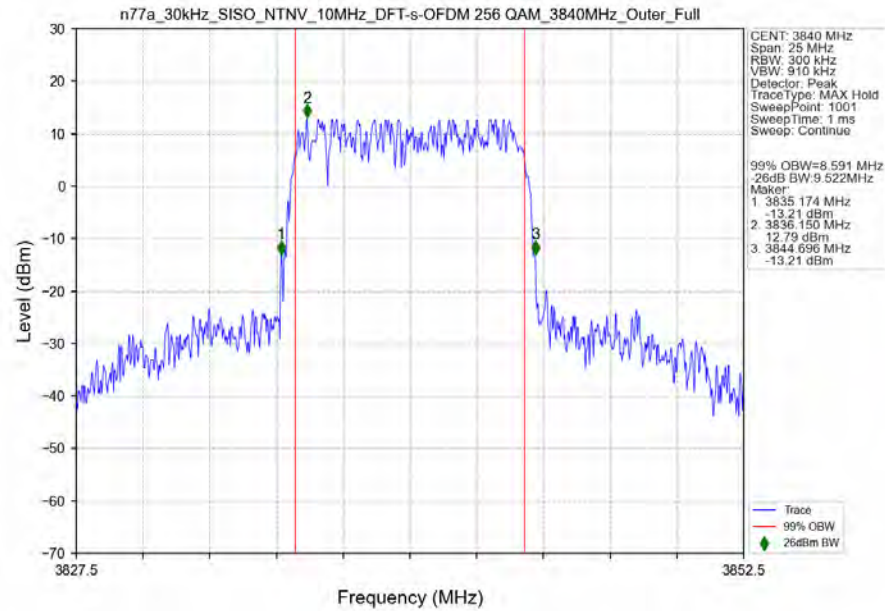
n77a 30kHz SISO NTV 10MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



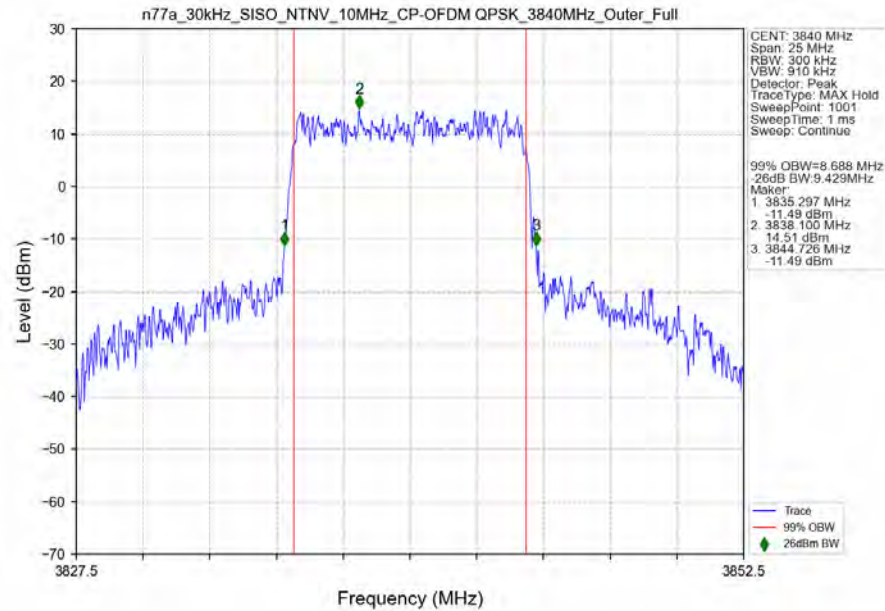
n77a 30kHz SISO NTV 10MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



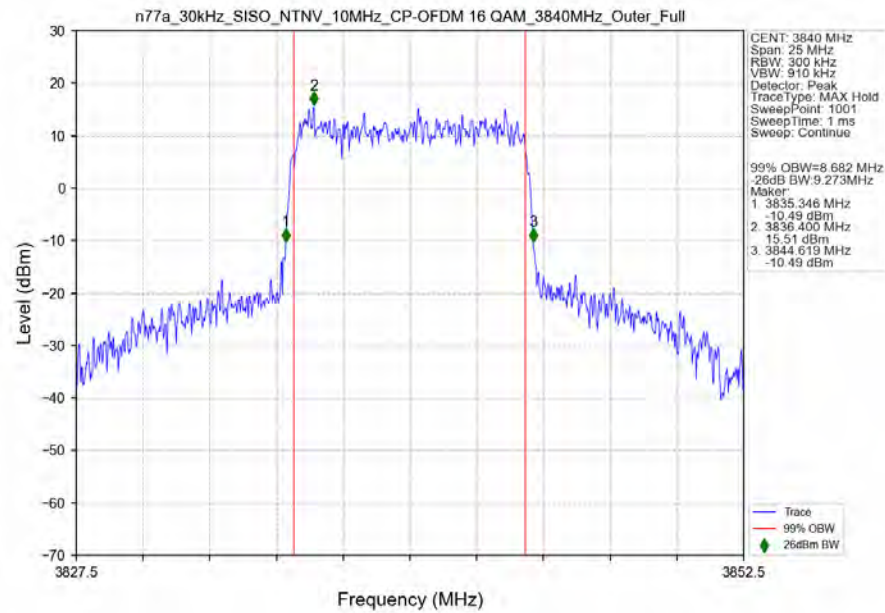
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



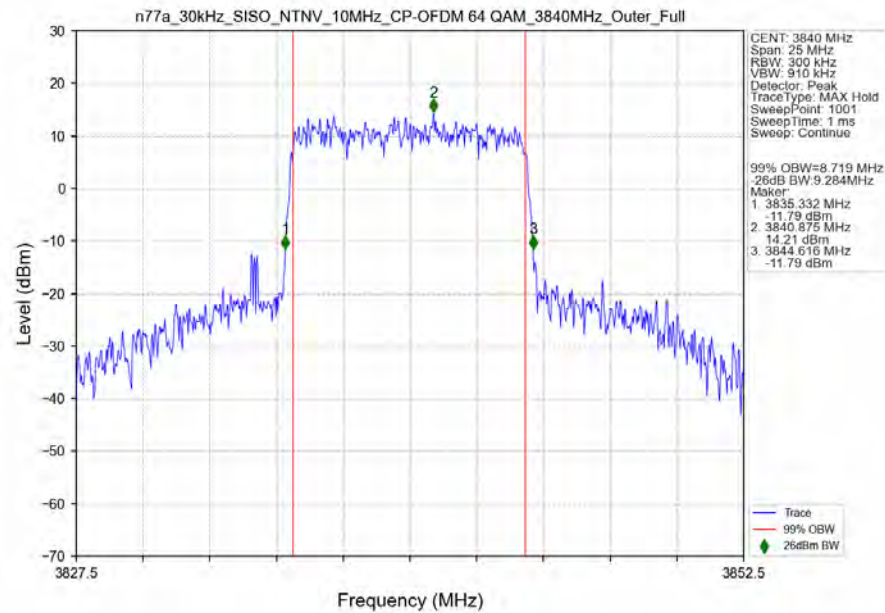
n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



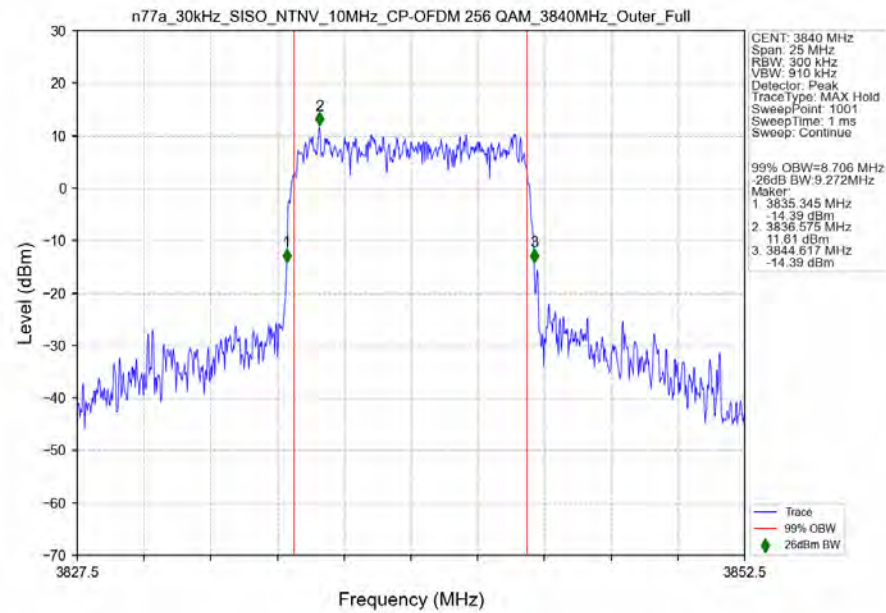
n77a 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



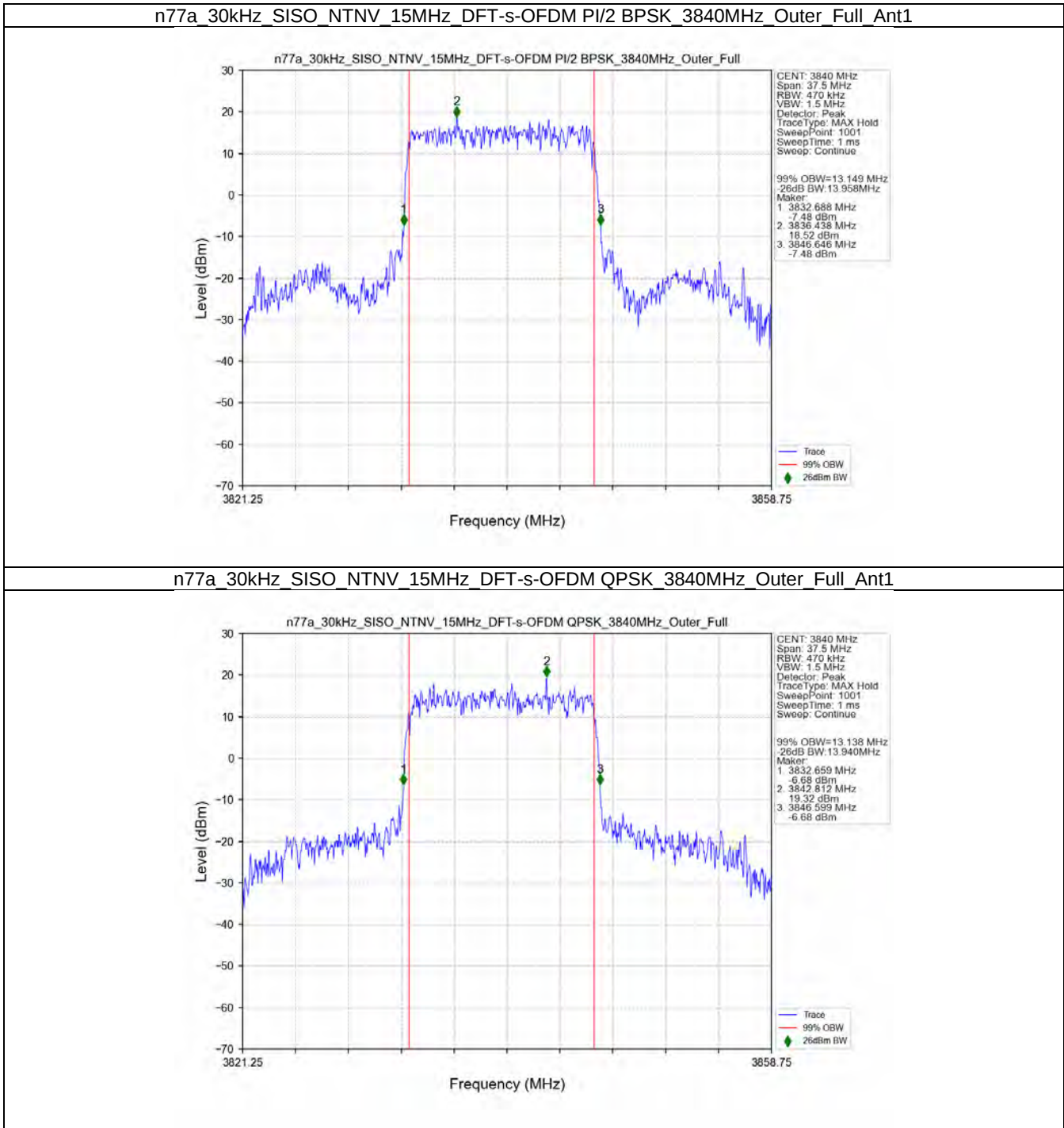
n77a 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



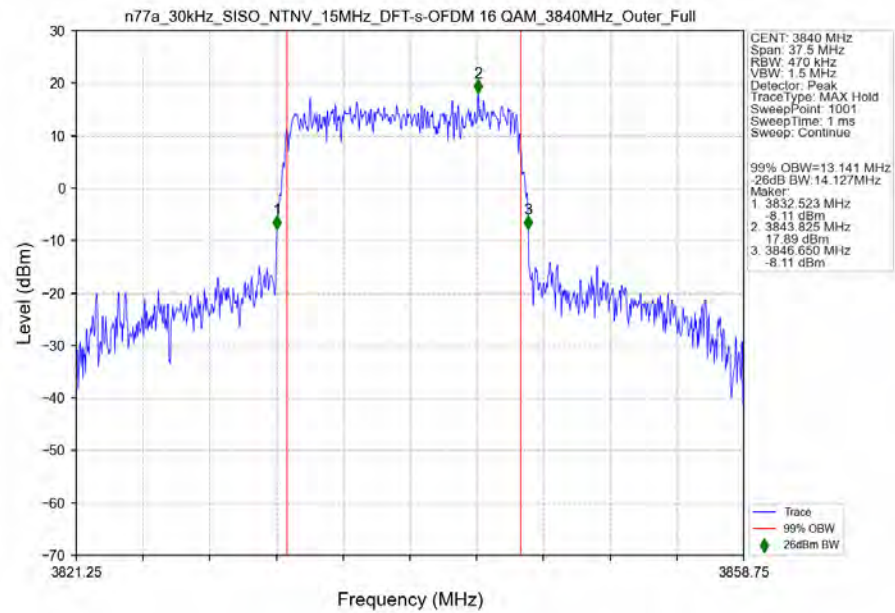
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



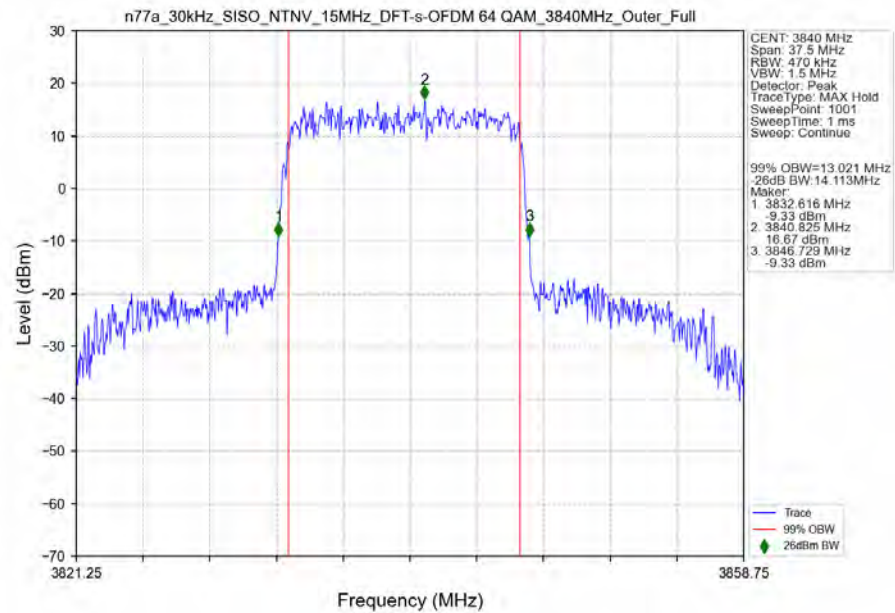
3.2.2 30k_SISO_15MHz_NTNV



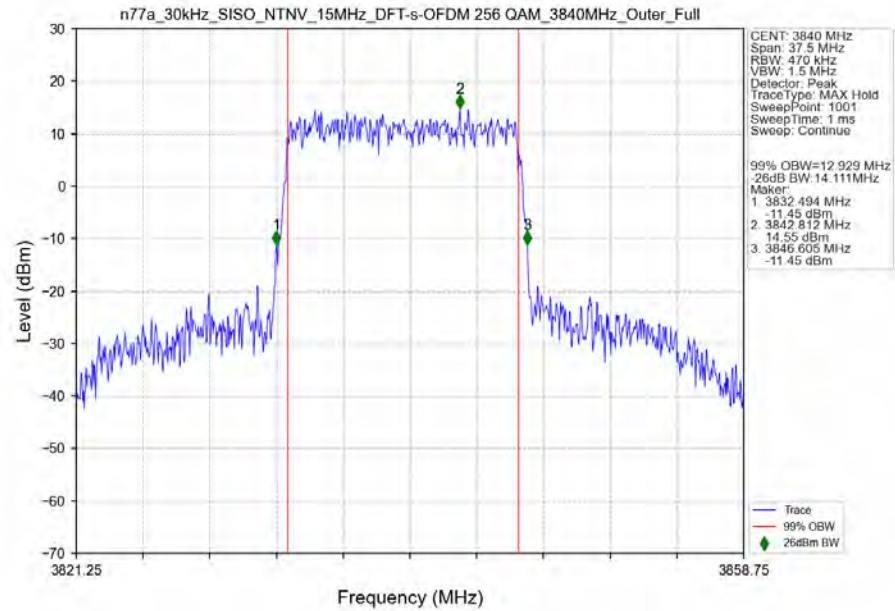
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



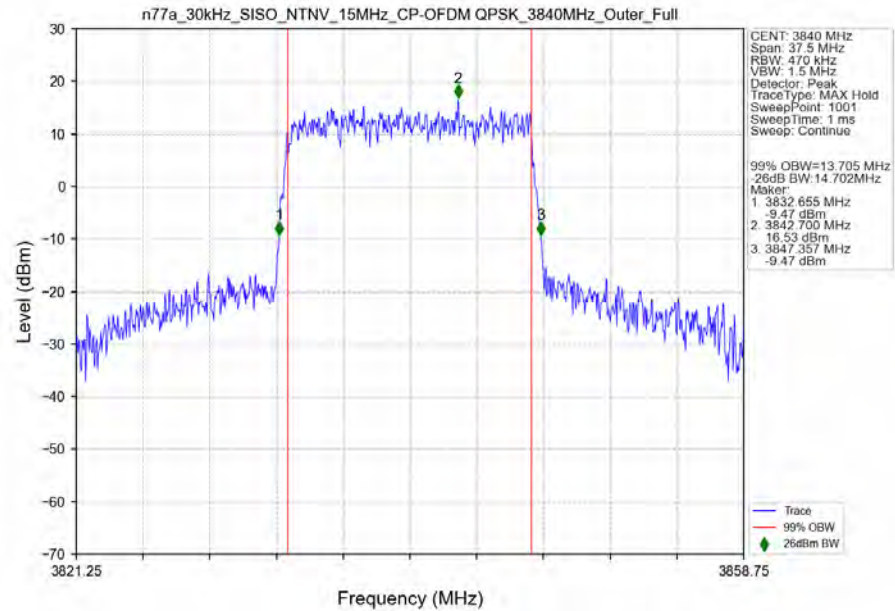
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



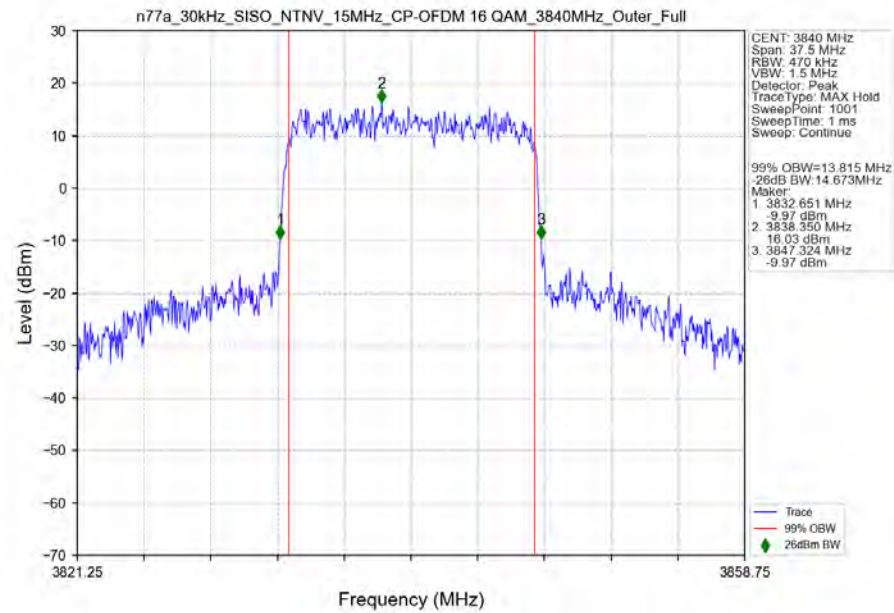
n77a 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



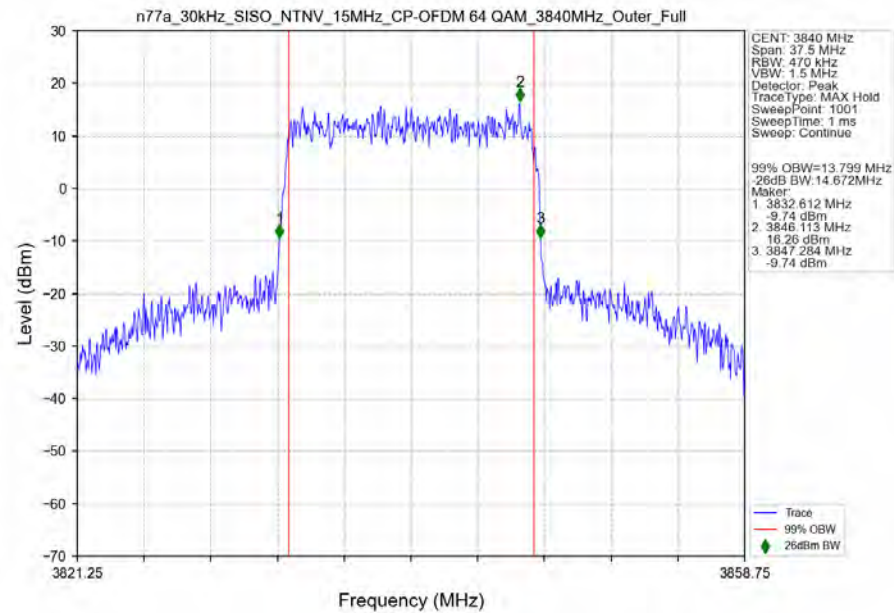
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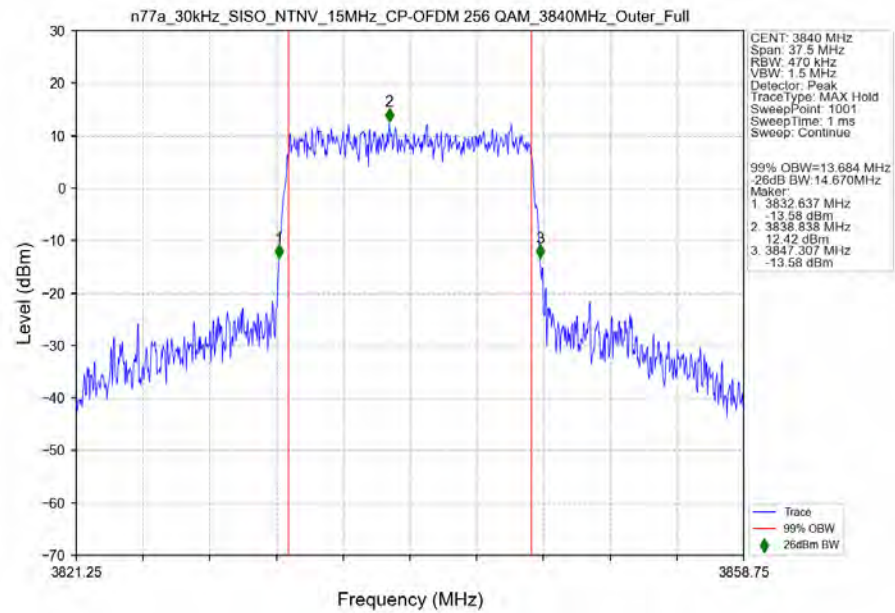
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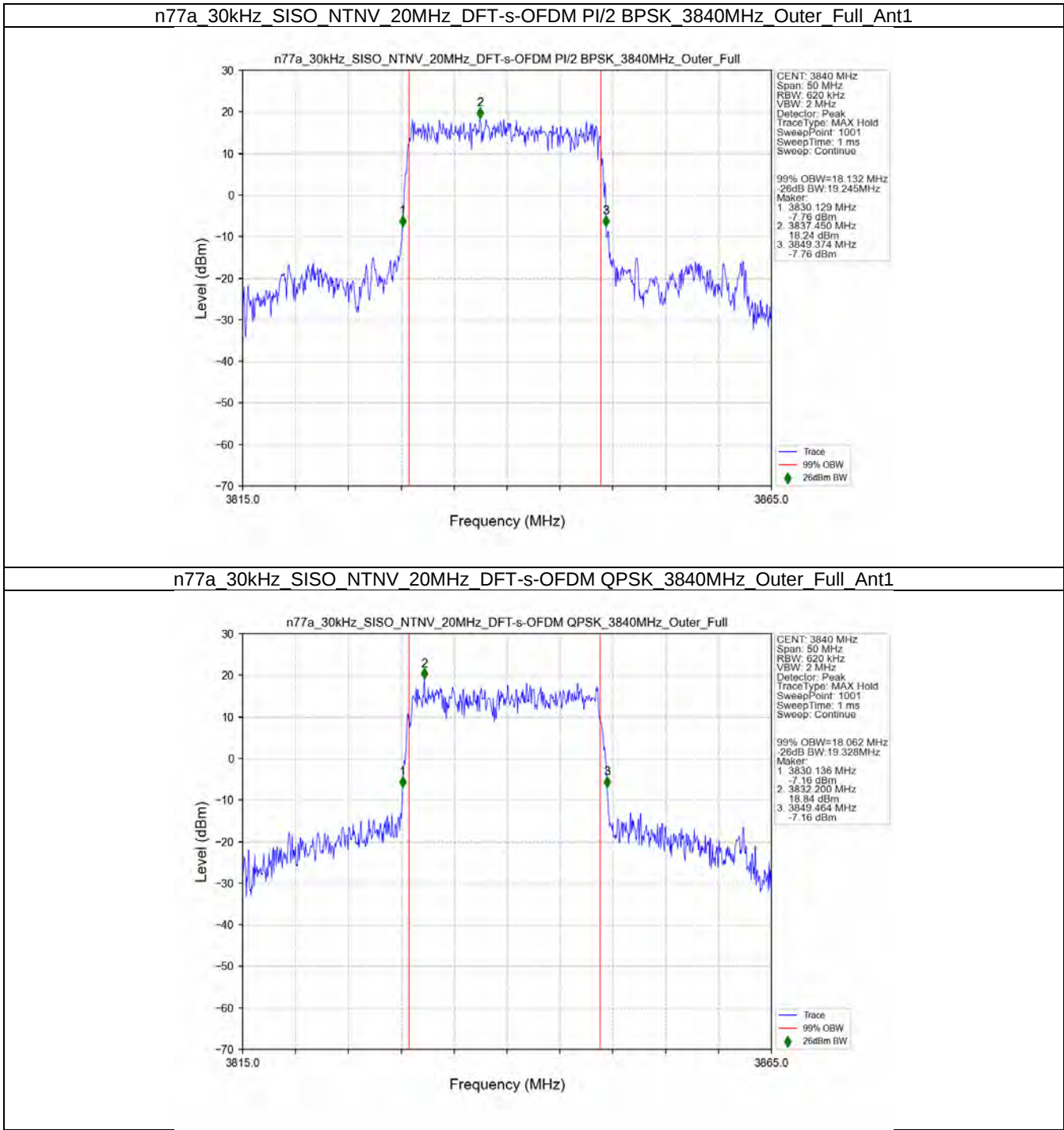
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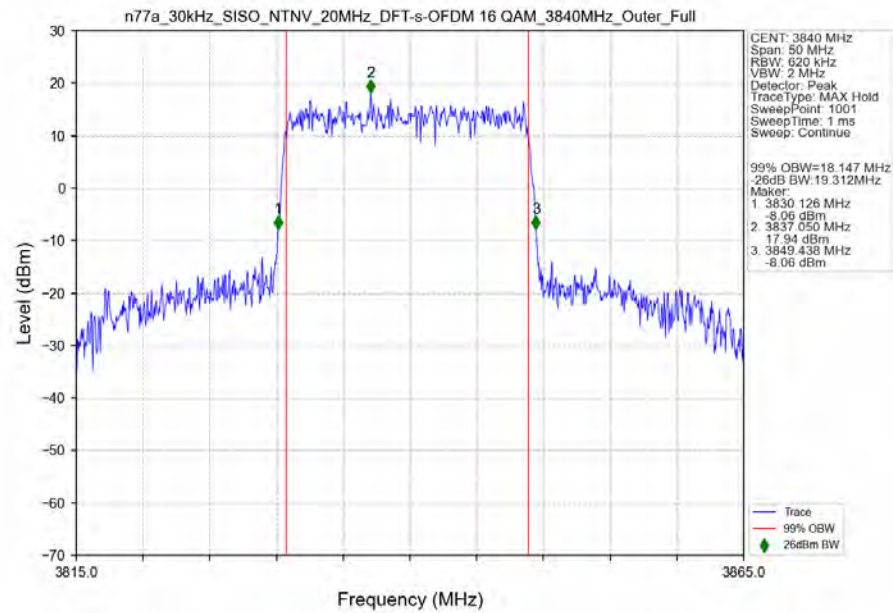
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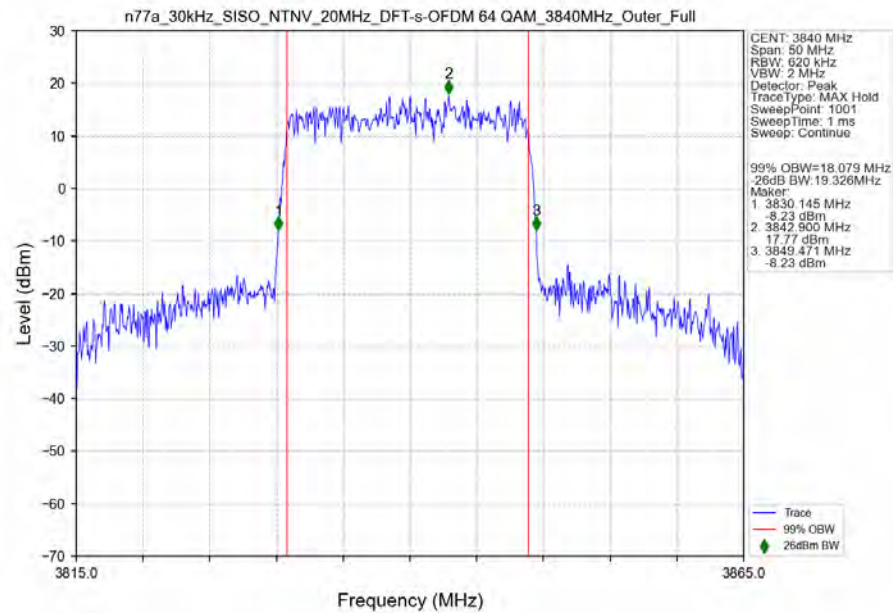
3.2.3 30k_SISO_20MHz_NTNV



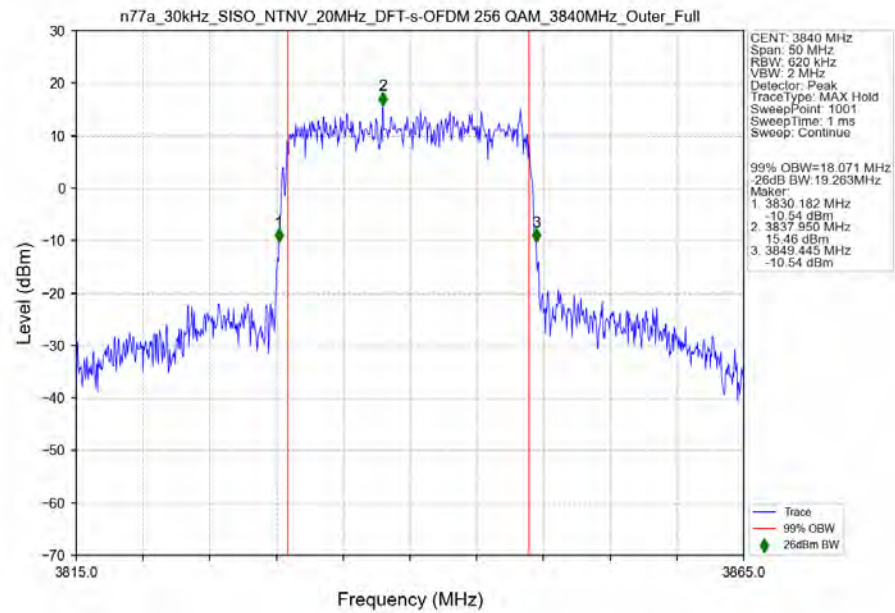
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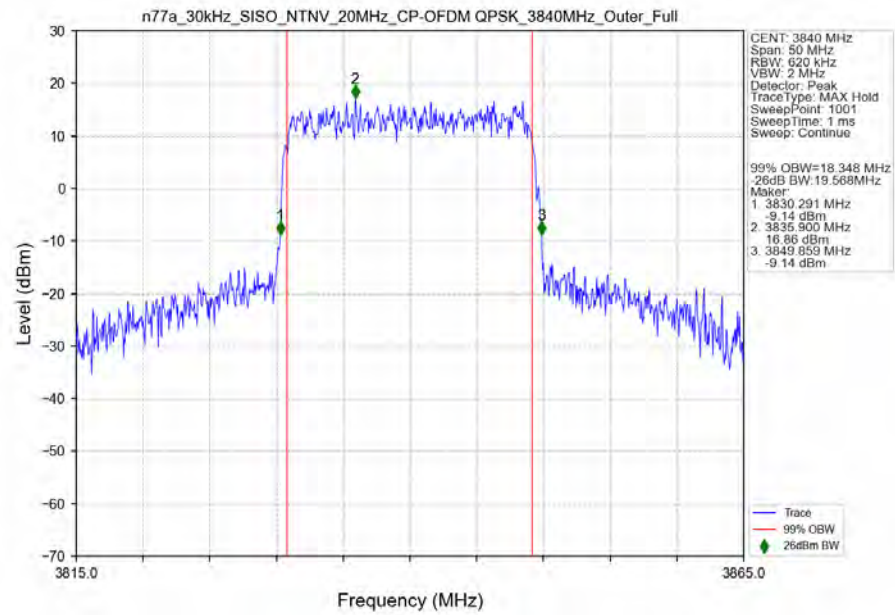
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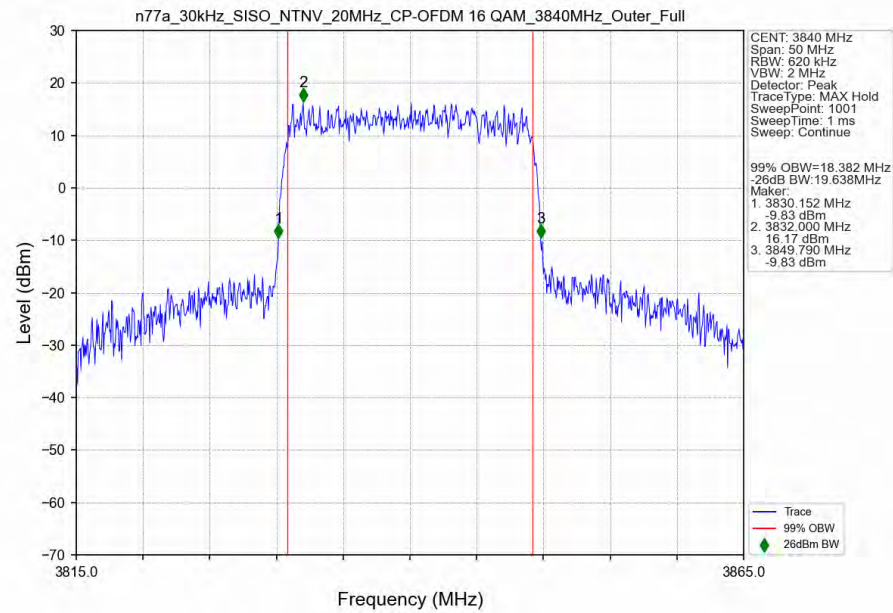
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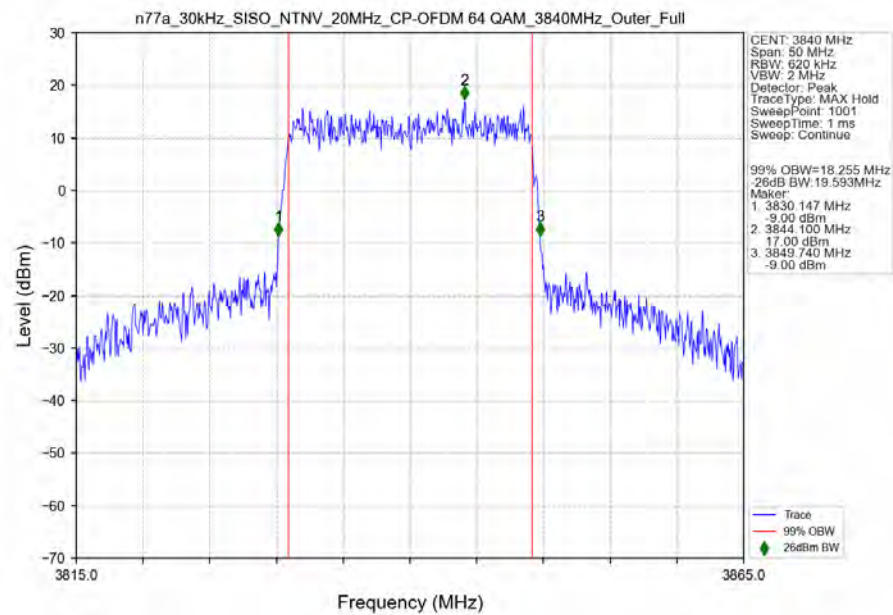
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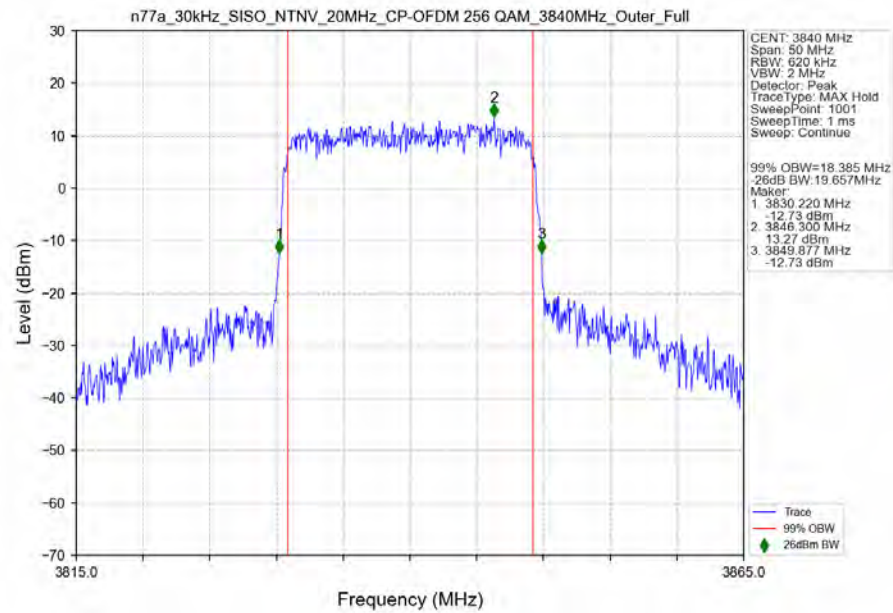
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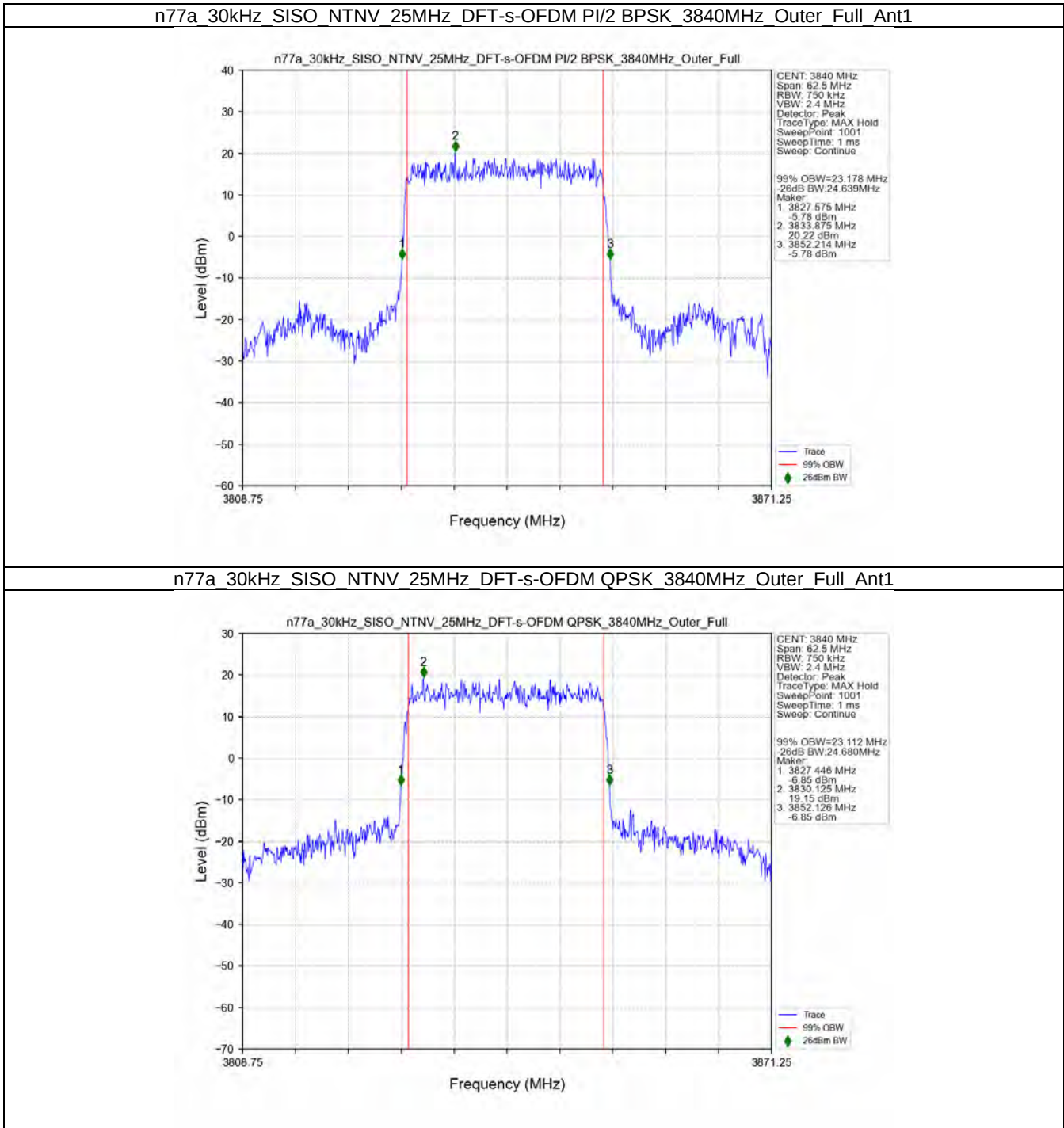
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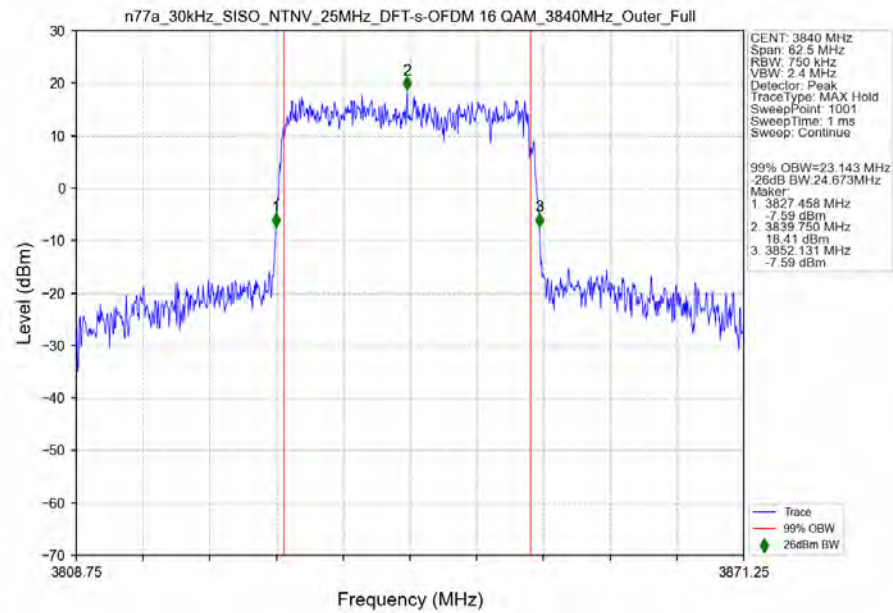
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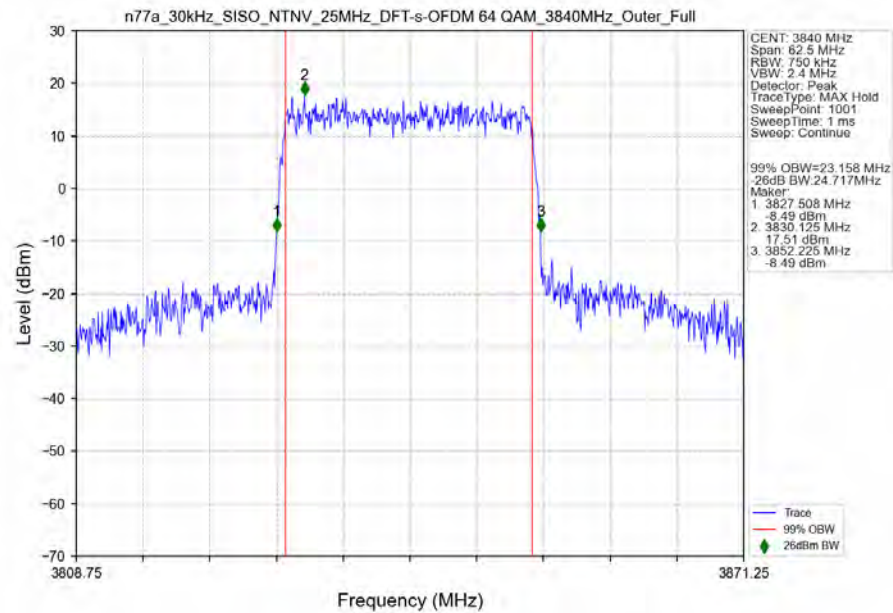
3.2.4 30k_SISO_25MHz_NTNV



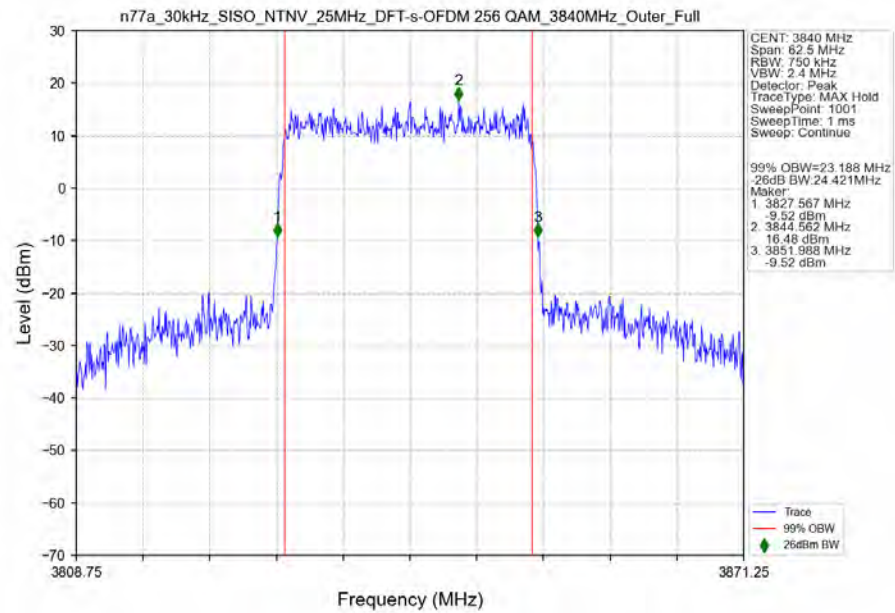
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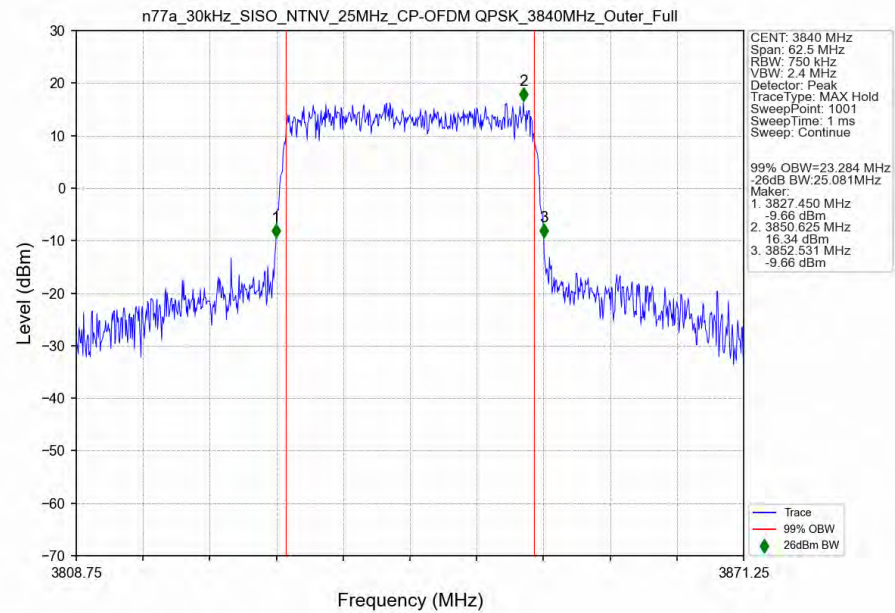
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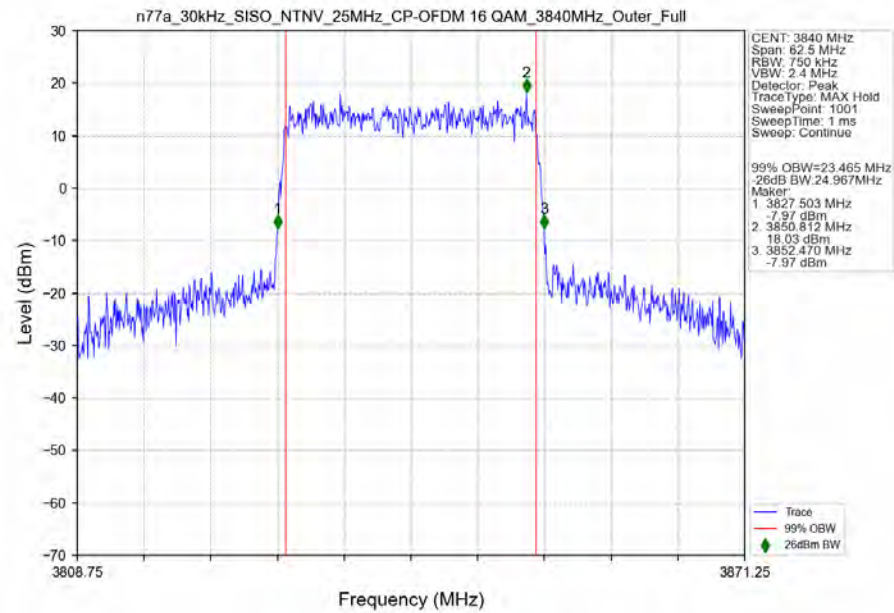
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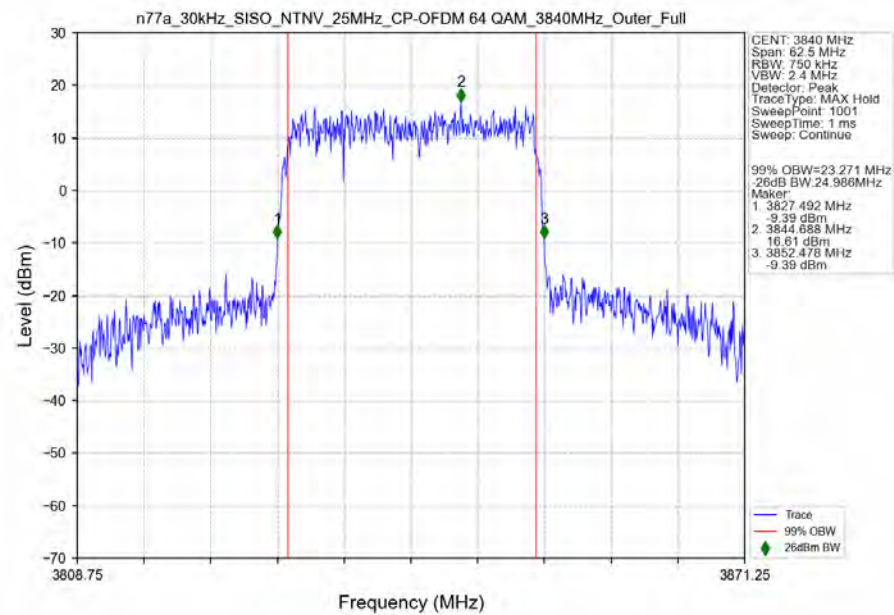
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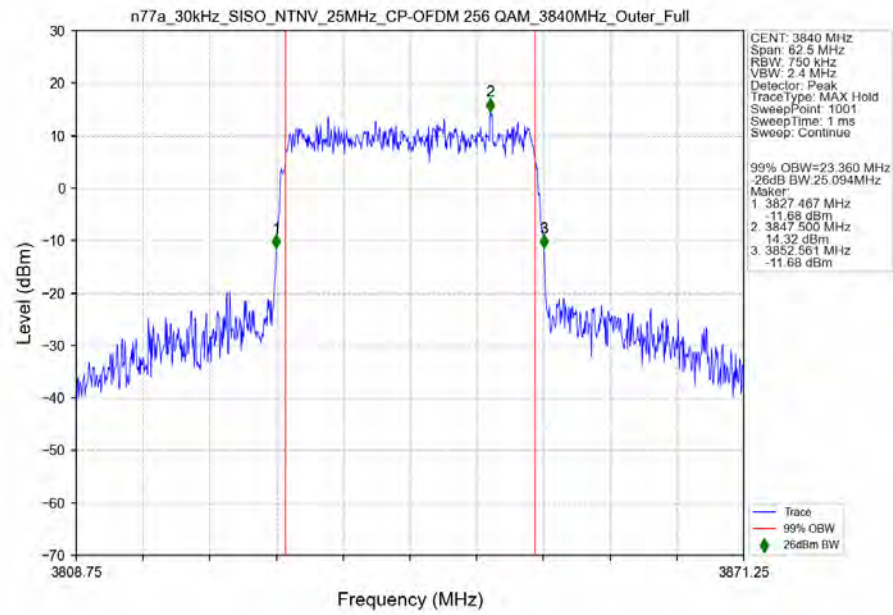
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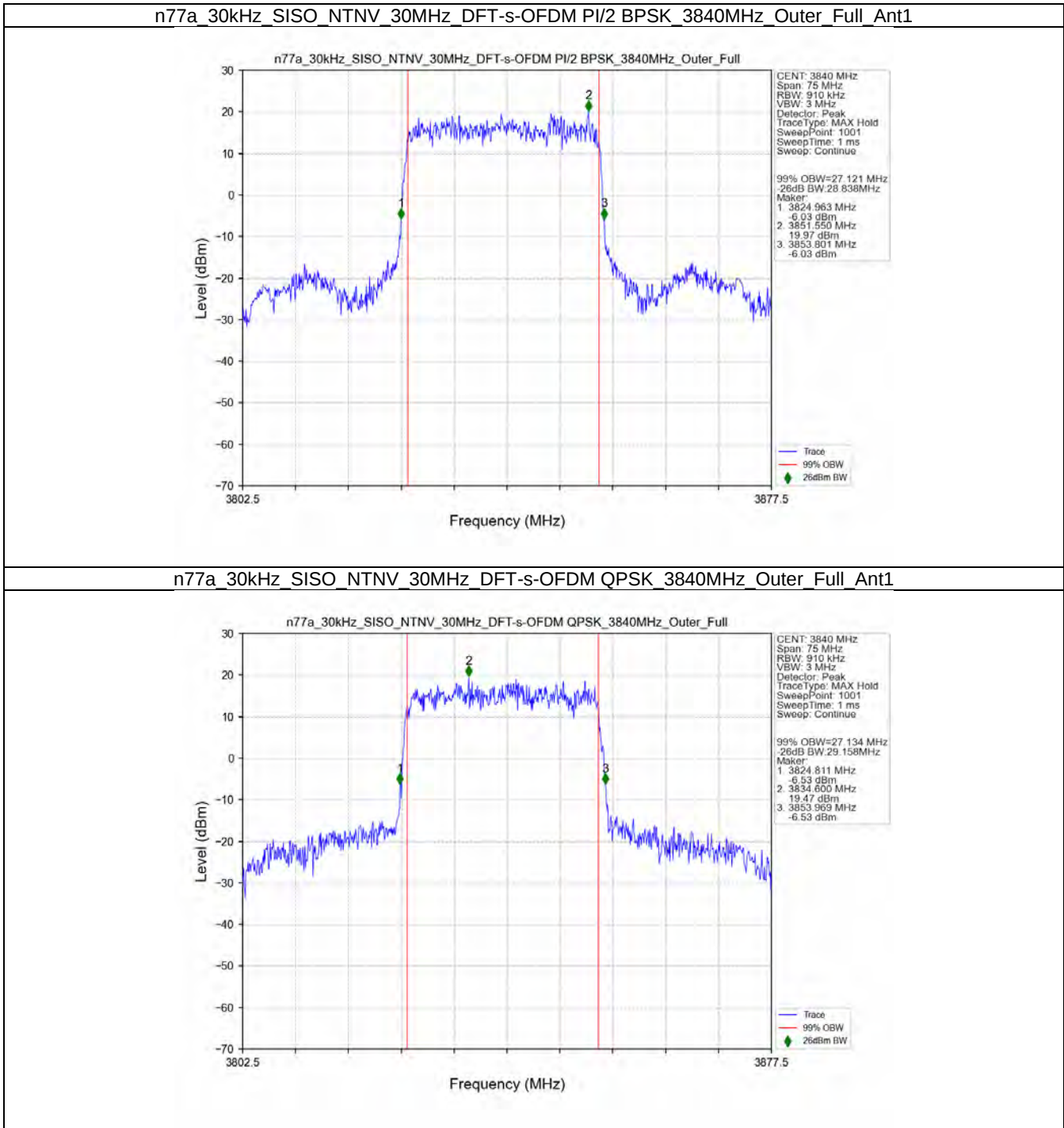
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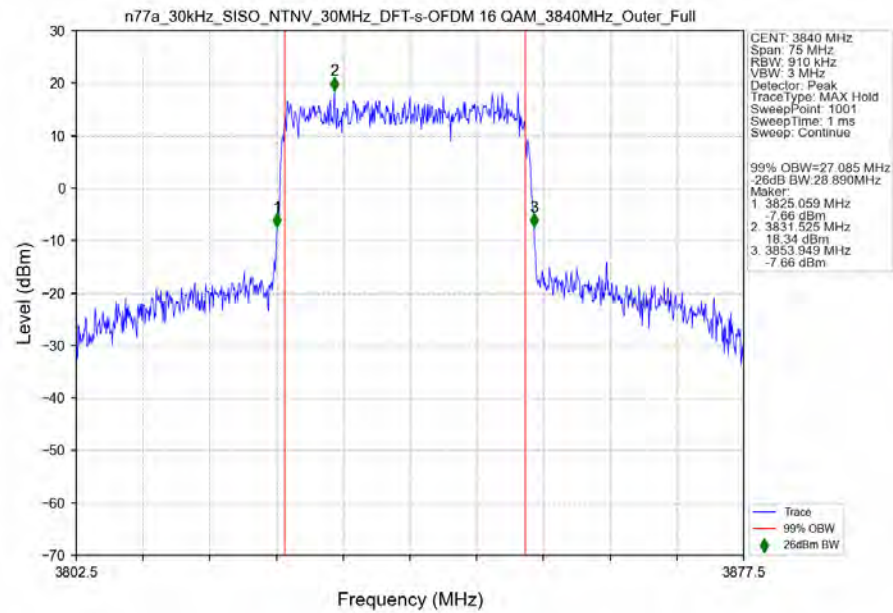
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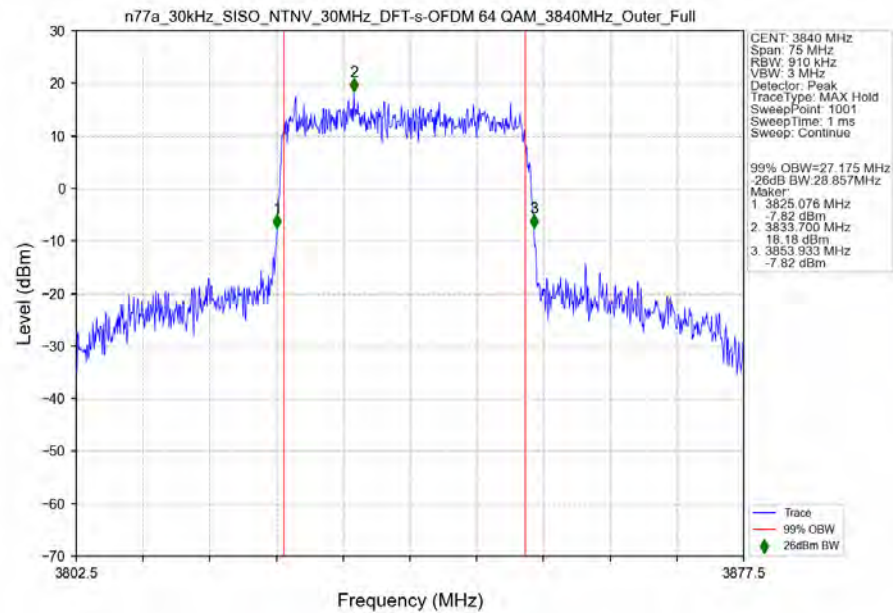
3.2.5 30k_SISO_30MHz_NTNV



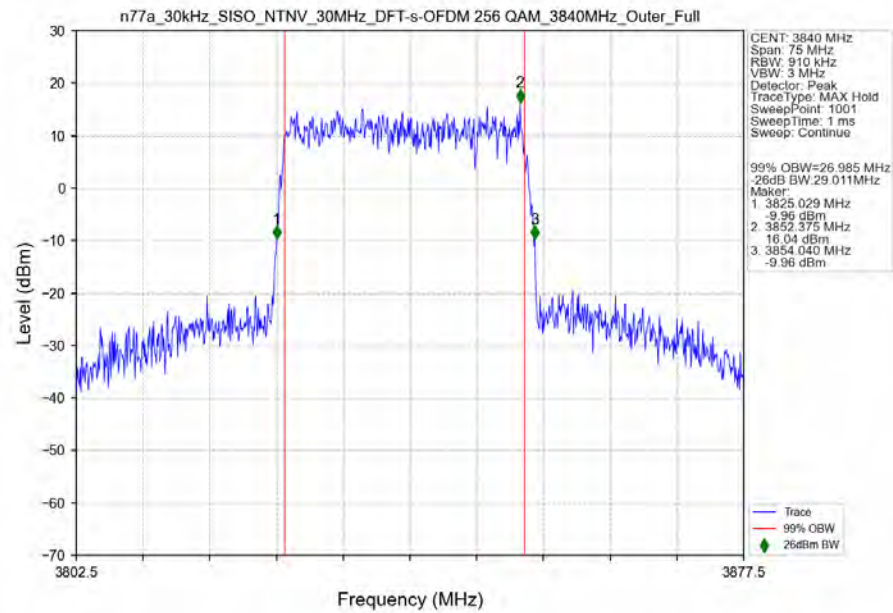
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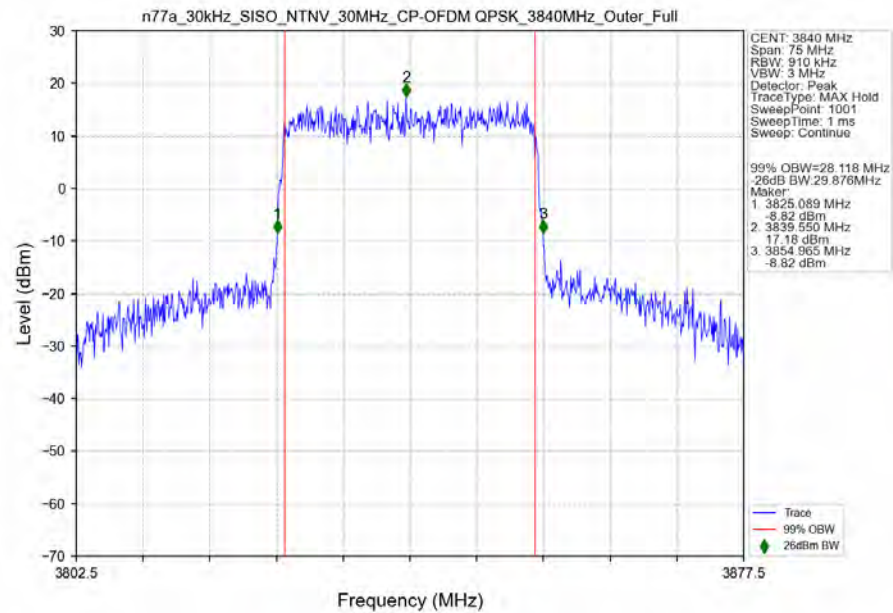
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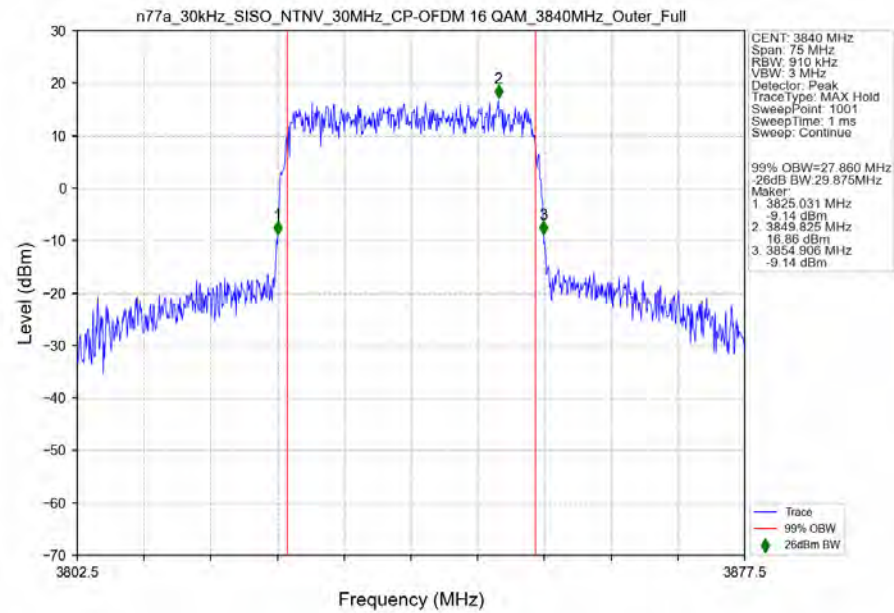
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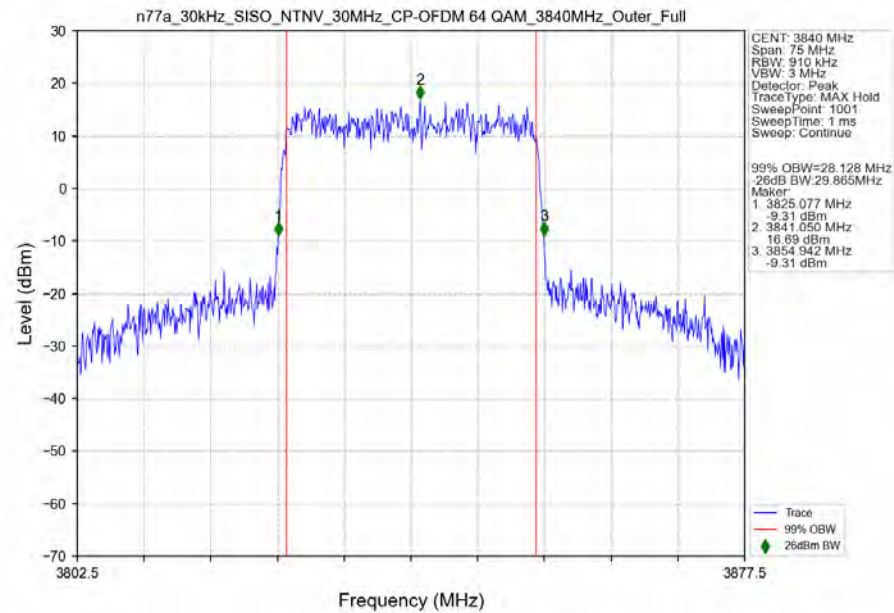
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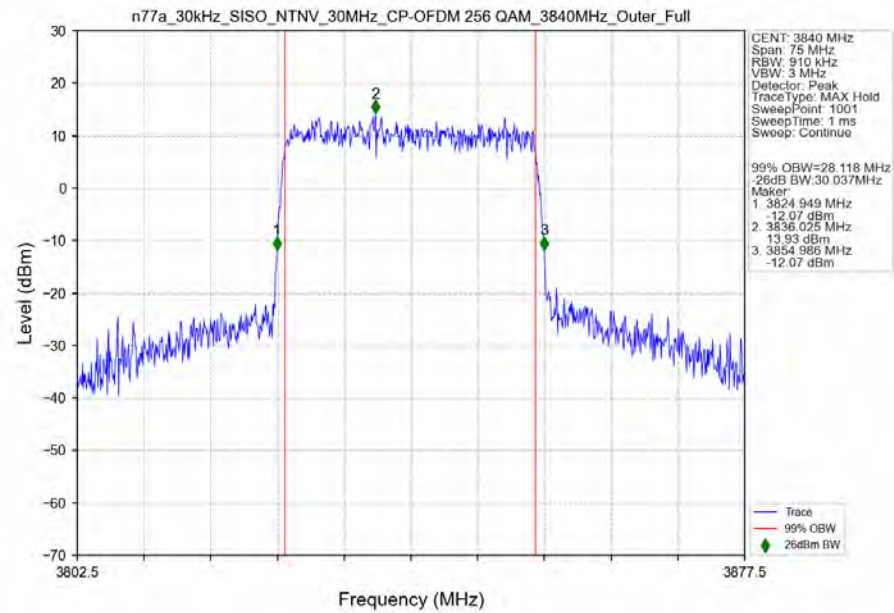
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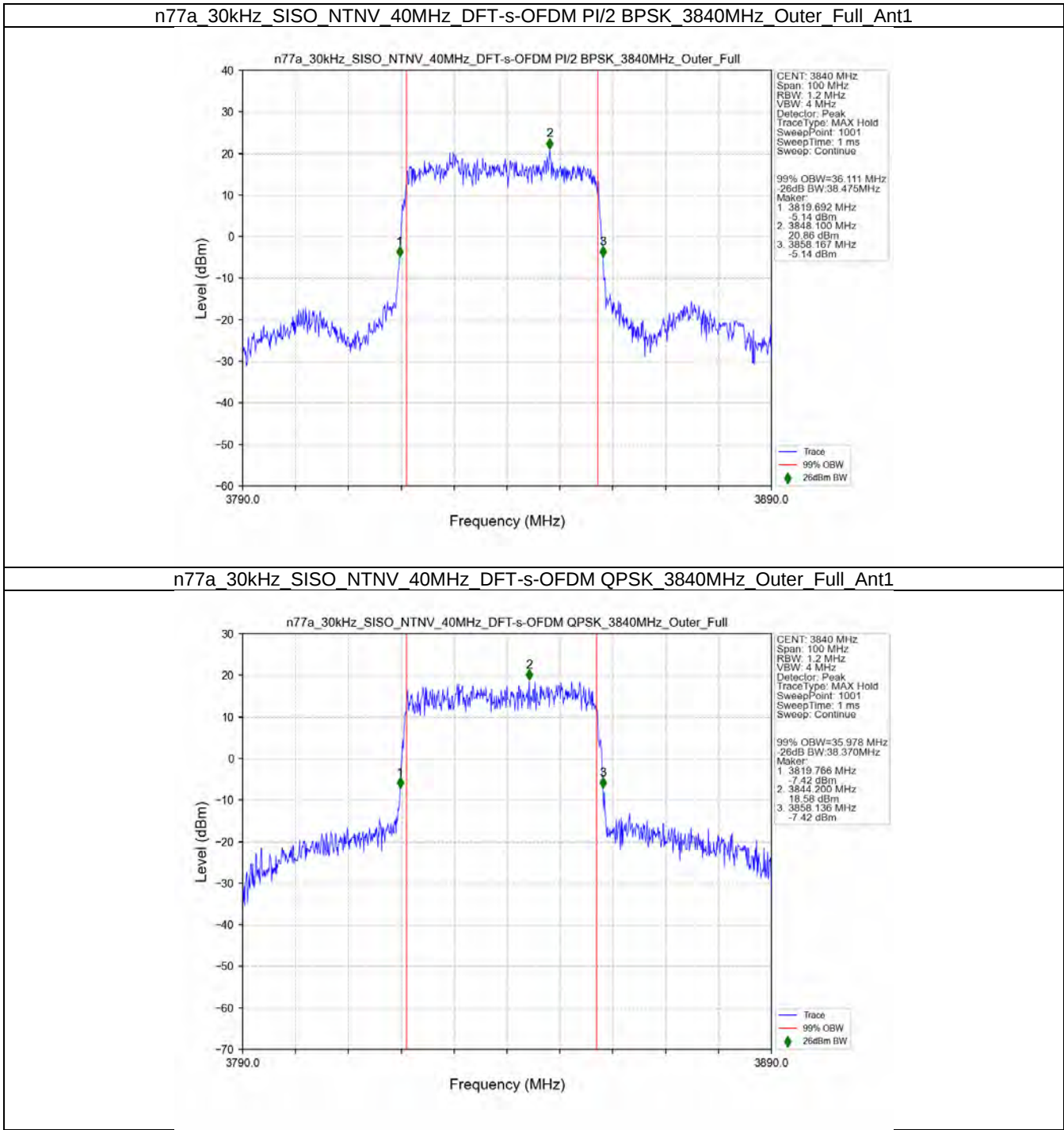
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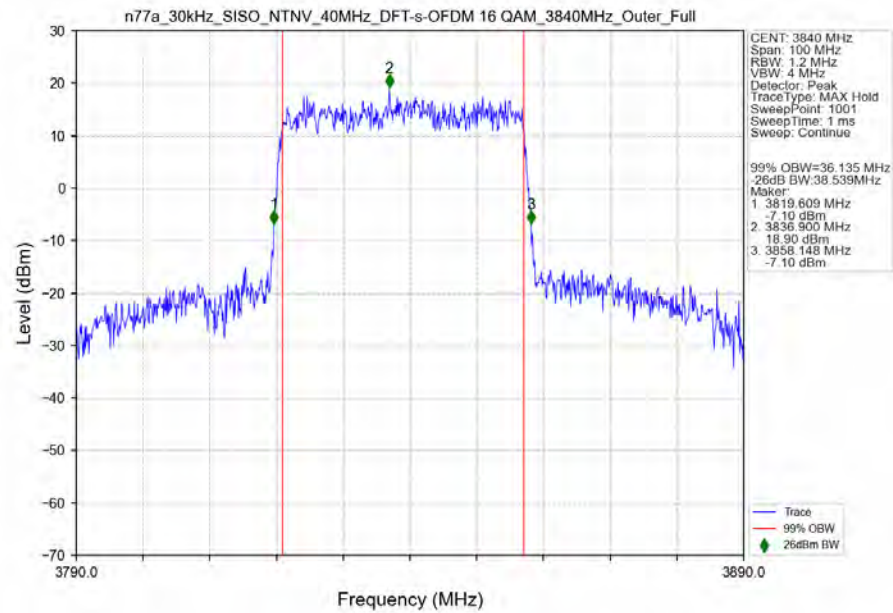
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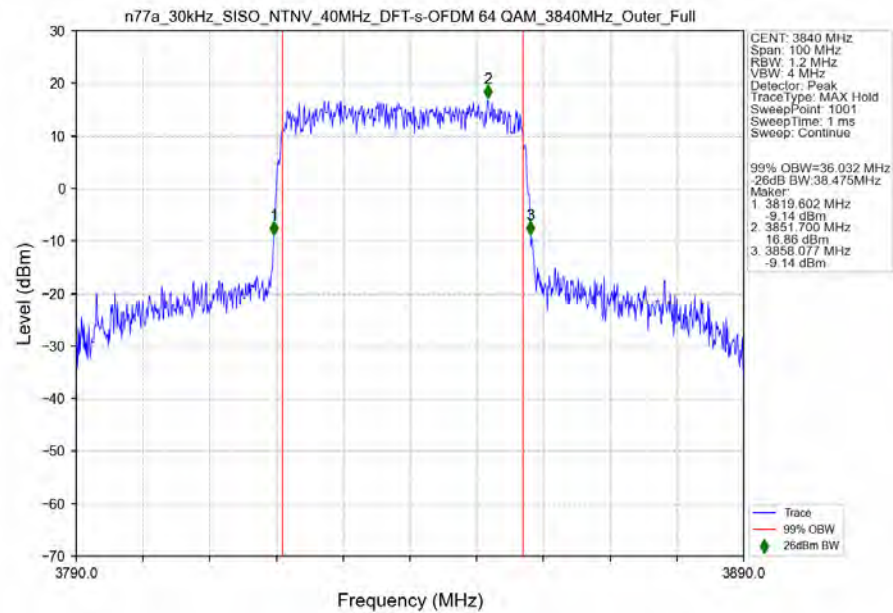
3.2.6 30k_SISO_40MHz_NTNV



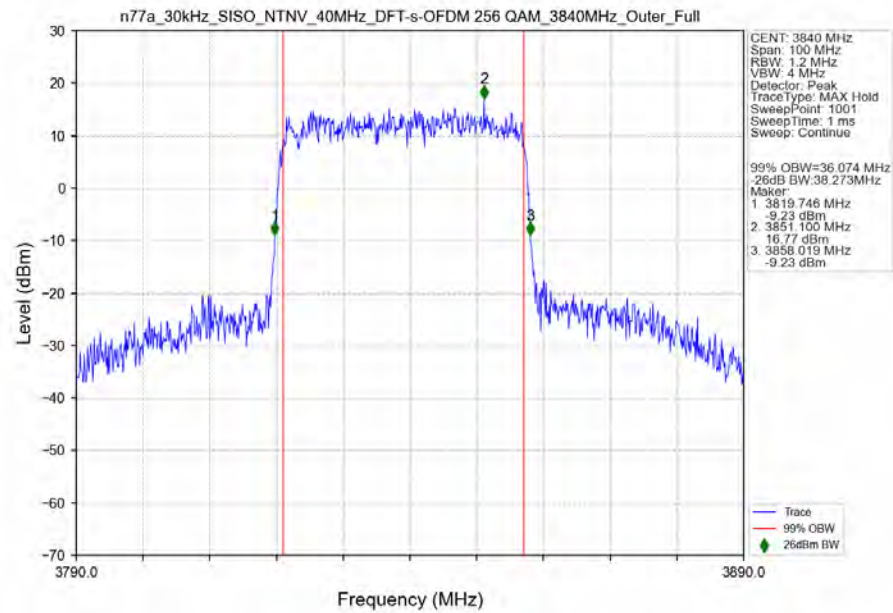
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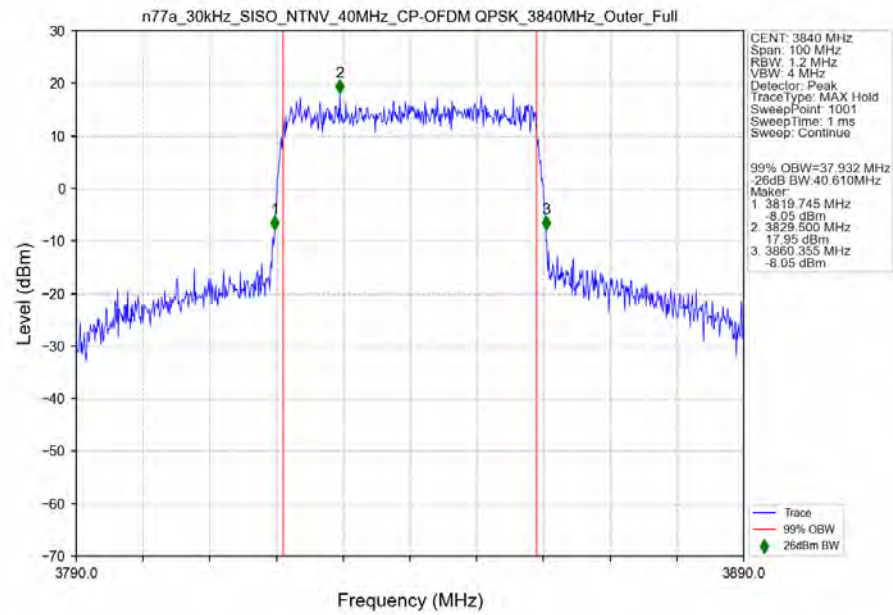
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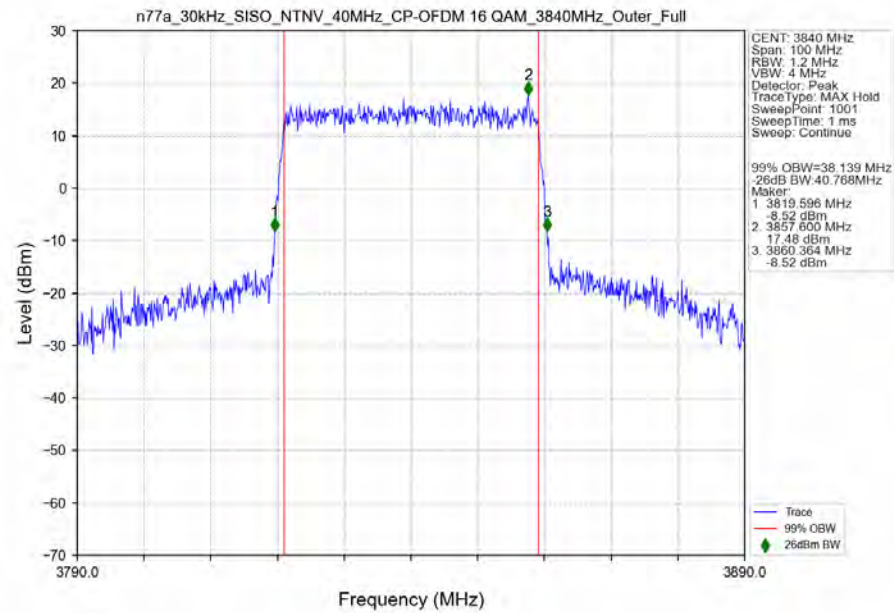
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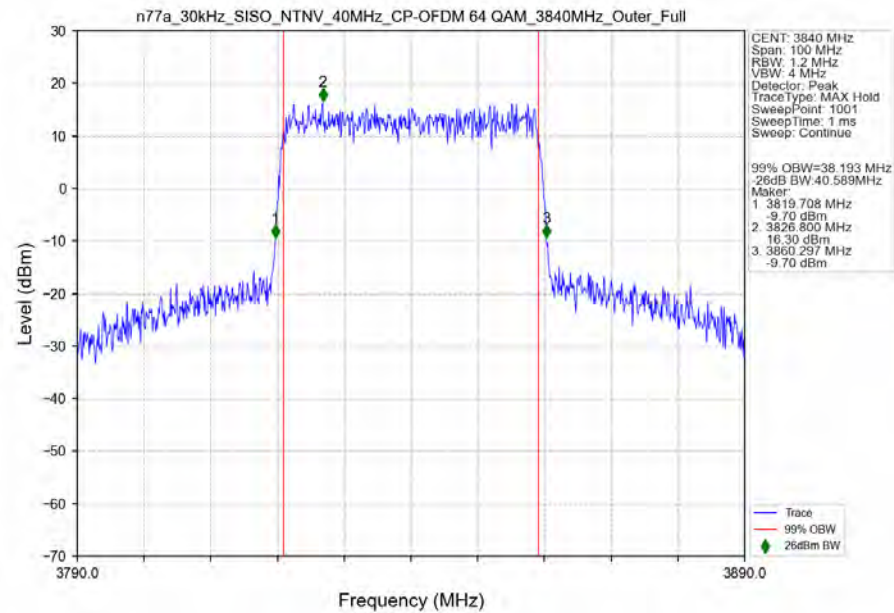
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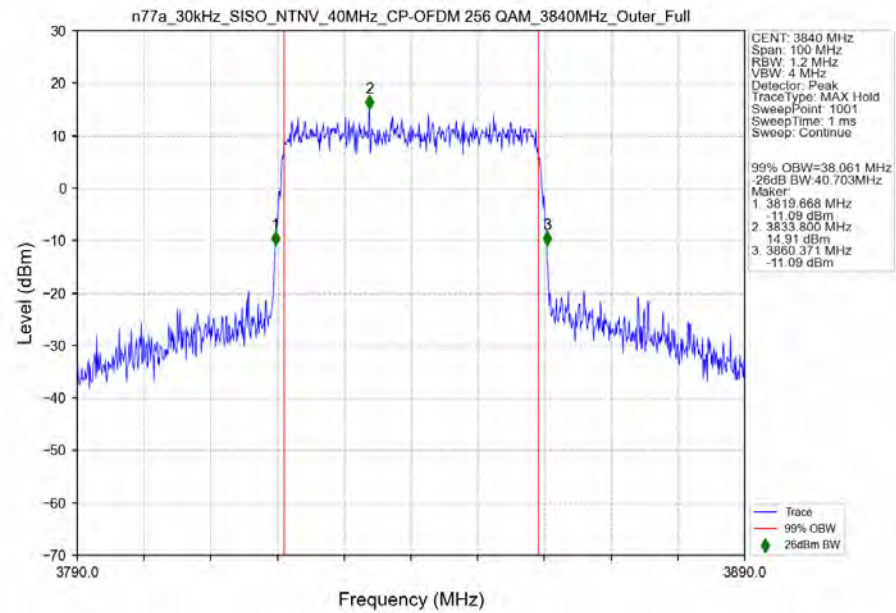
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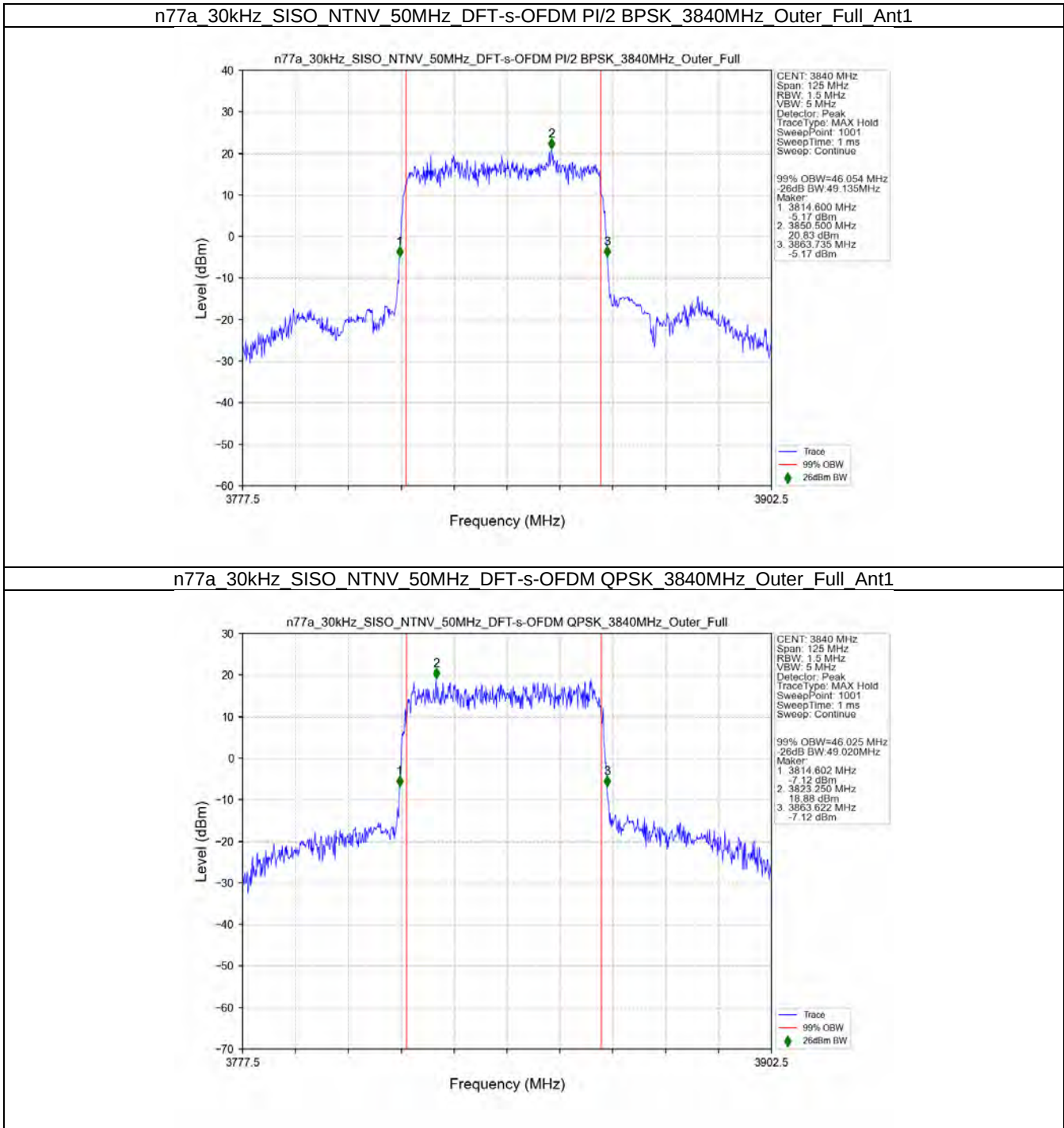
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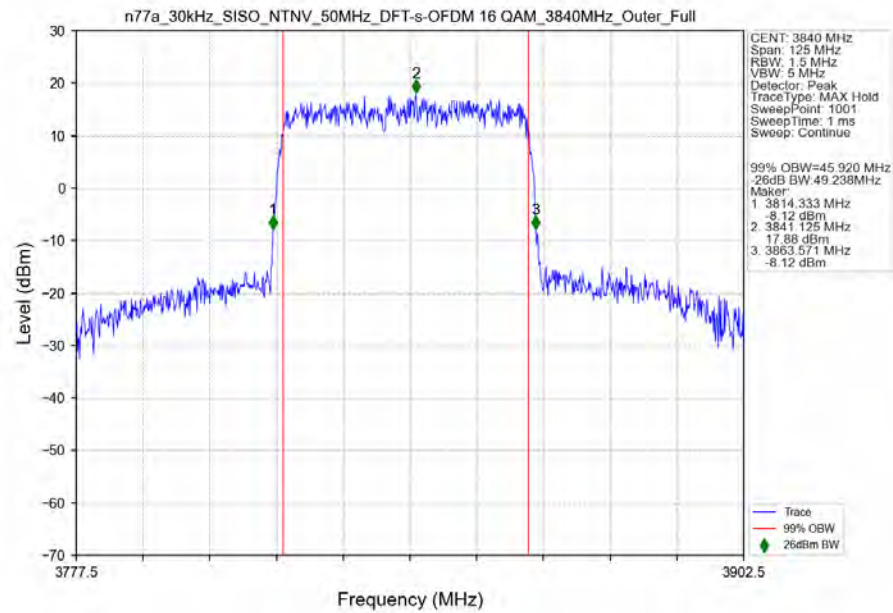
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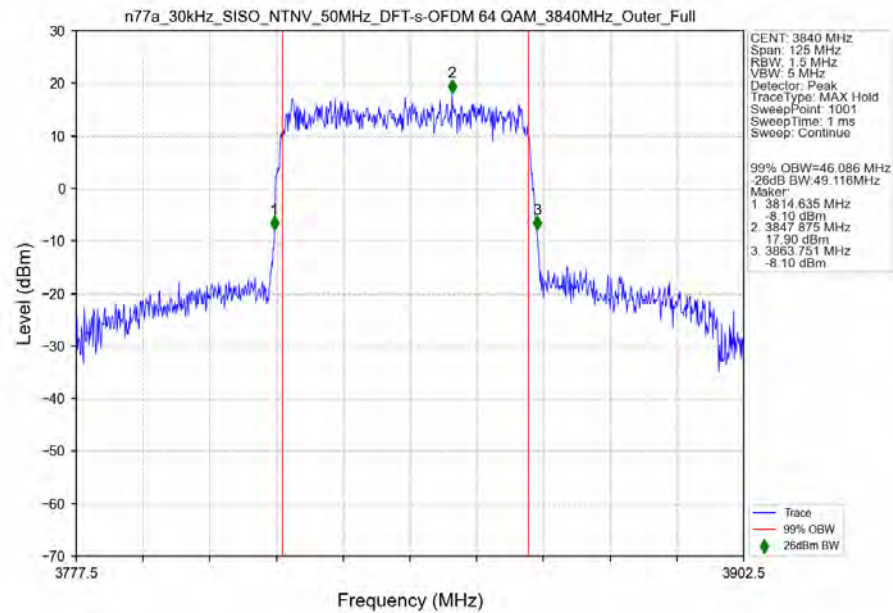
3.2.7 30k_SISO_50MHz_NTNV



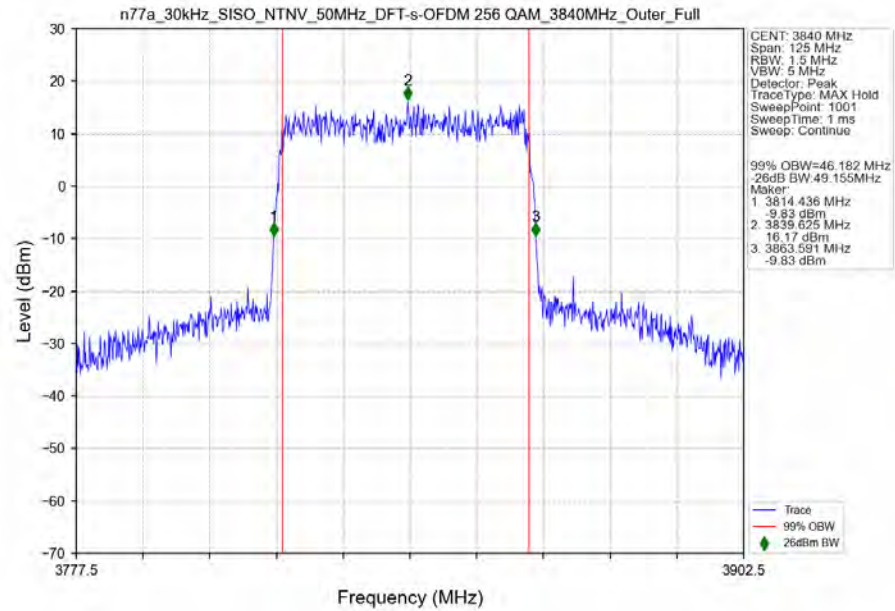
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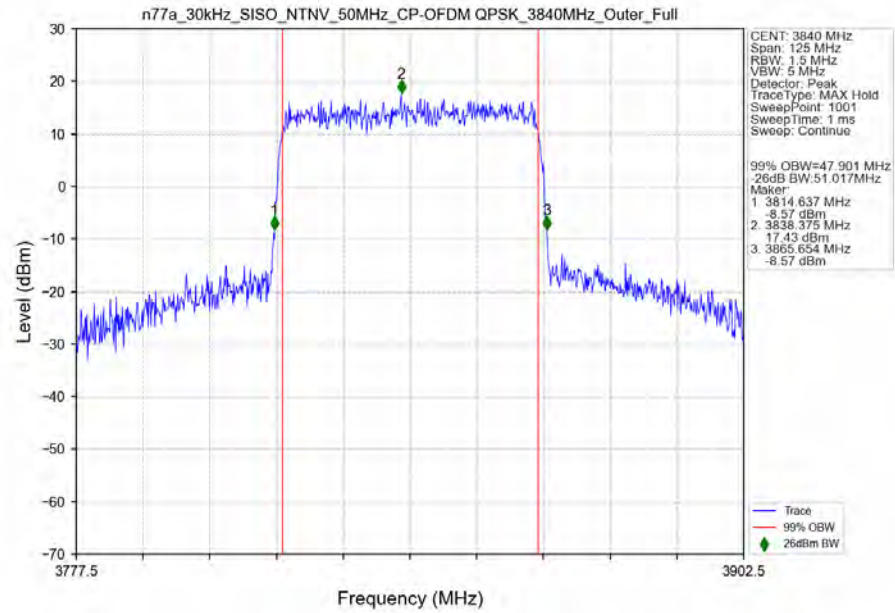
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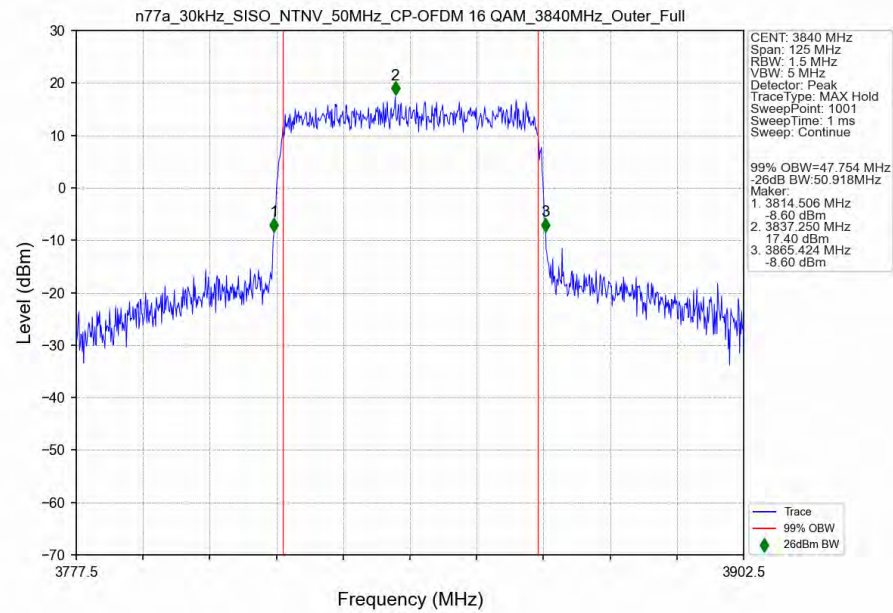
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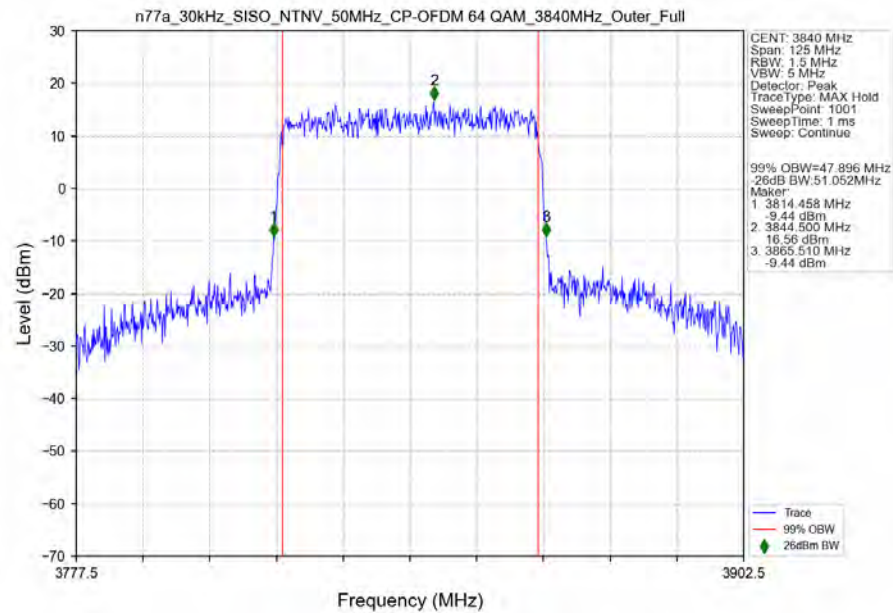
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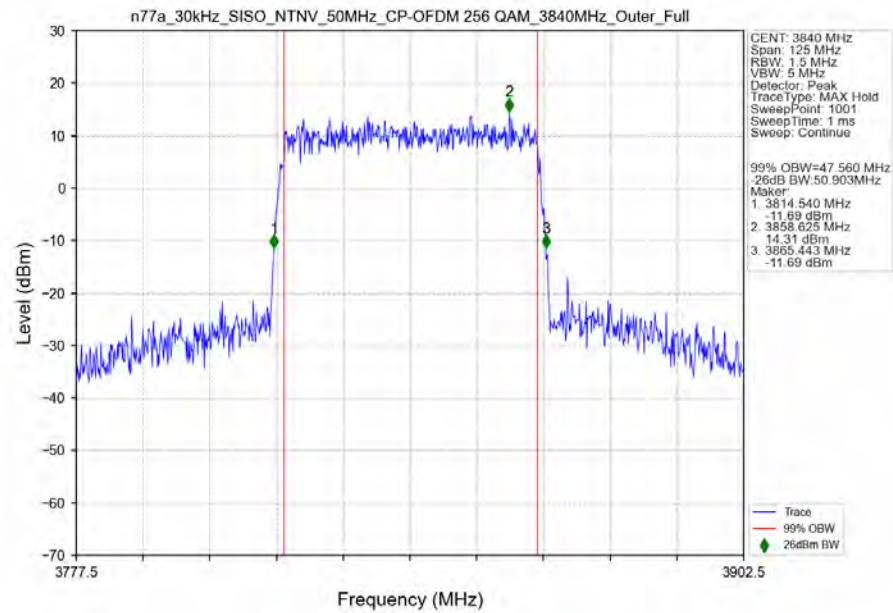
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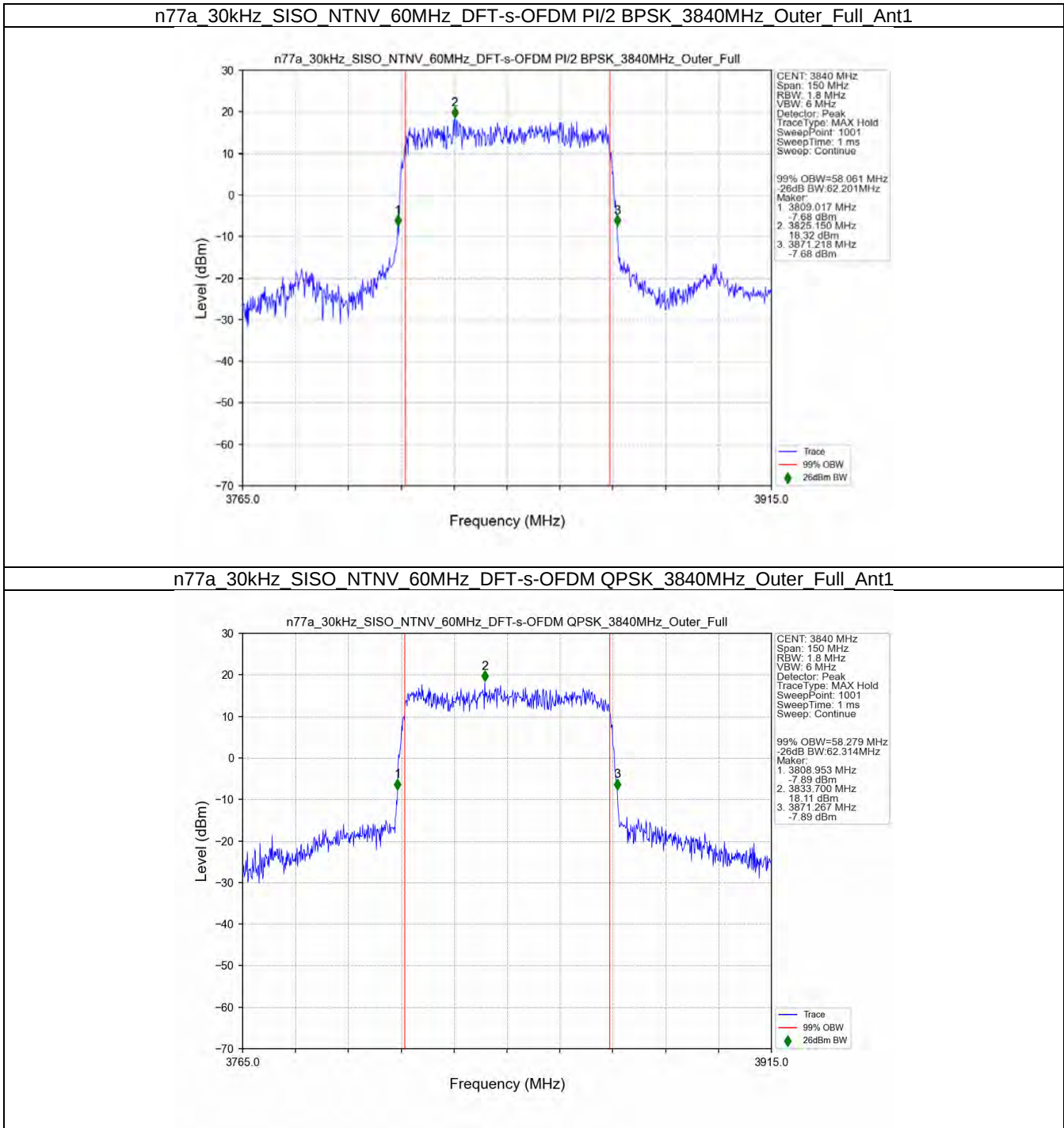
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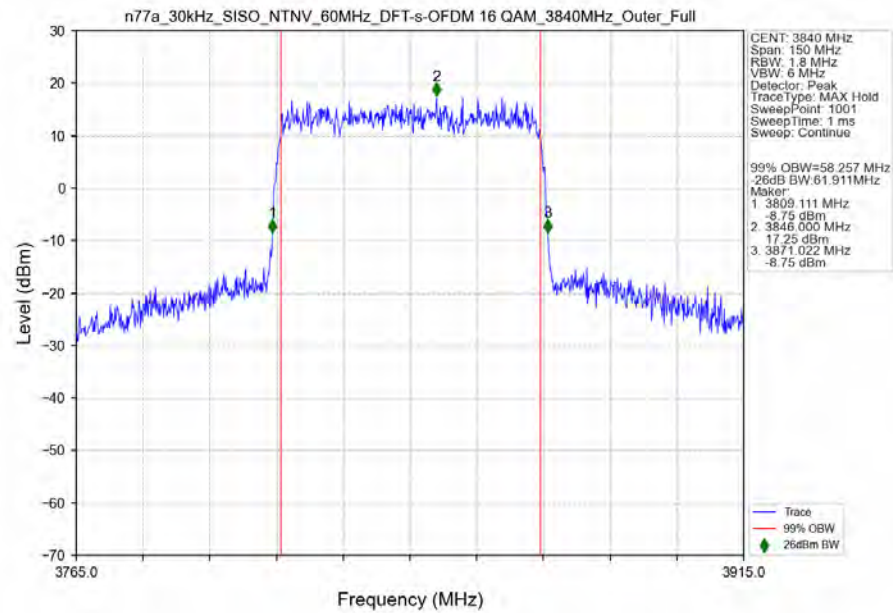
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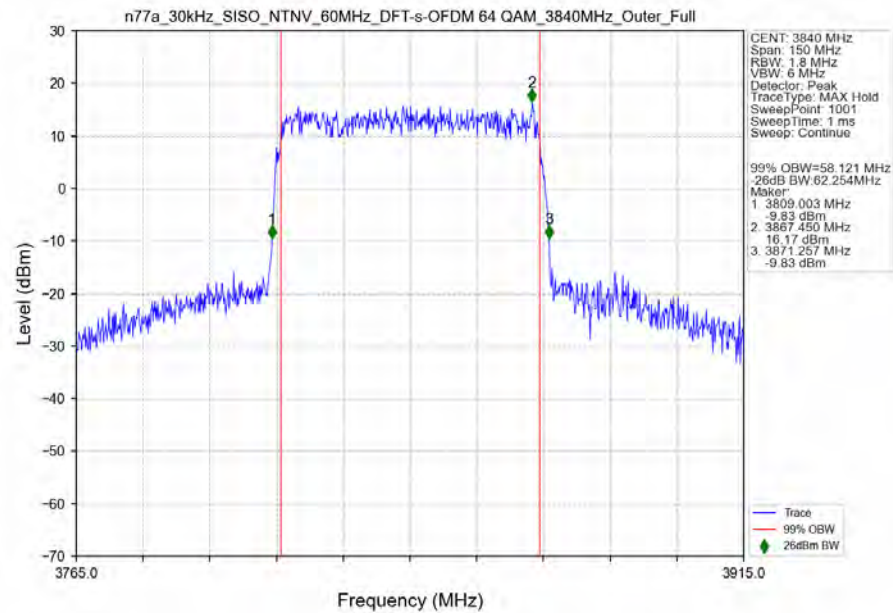
3.2.8 30k_SISO_60MHz_NTNV



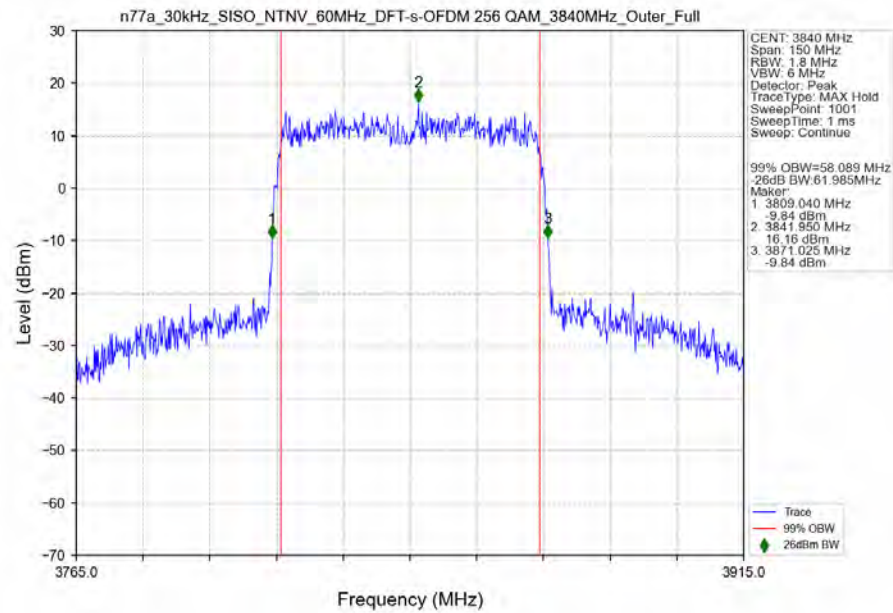
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3840MHz Outer Full Ant1

