

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_10MHz_NTNV_EIRP

5G NR n77a SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	27.33	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Right	27.22	/	/	25.54	/	/	<=30	Pass
		Outer_Full	27.04	/	/	25.36	/	/	<=30	Pass
		Inner_Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	26.77	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Right	27.22	/	/	25.54	/	/	<=30	Pass
	3840	Edge_1RB_Left	25.65	/	/	23.97	/	/	<=30	Pass
		Edge_1RB_Right	25.18	/	/	23.50	/	/	<=30	Pass
		Outer_Full	25.28	/	/	23.60	/	/	<=30	Pass
		Inner_Full	24.98	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	23.50	/	/	<=30	Pass
	3975	Edge_1RB_Left	26.50	/	/	24.82	/	/	<=30	Pass
		Edge_1RB_Right	26.27	/	/	24.59	/	/	<=30	Pass
		Outer_Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner_Full	25.94	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	24.57	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	27.05	/	/	25.37	/	/	<=30	Pass
		Edge_1RB_Right	26.84	/	/	25.16	/	/	<=30	Pass
		Outer_Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner_Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	26.83	/	/	25.15	/	/	<=30	Pass
	3840	Edge_1RB_Left	25.49	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	25.09	/	/	23.41	/	/	<=30	Pass
		Outer_Full	25.01	/	/	23.33	/	/	<=30	Pass
		Inner_Full	25.04	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	23.40	/	/	<=30	Pass
	3975	Edge_1RB_Left	26.24	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	25.97	/	/	24.29	/	/	<=30	Pass
		Outer_Full	25.96	/	/	24.28	/	/	<=30	Pass
		Inner_Full	25.90	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Left	25.56	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	24.26	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	27.38	/	/	25.70	/	/	<=30	Pass
		Edge_1RB_Right	27.25	/	/	25.57	/	/	<=30	Pass
		Outer_Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner_Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	26.84	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Right	27.20	/	/	25.52	/	/	<=30	Pass
	3840	Edge_1RB_Left	25.71	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	25.05	/	/	23.37	/	/	<=30	Pass
		Outer_Full	25.13	/	/	23.45	/	/	<=30	Pass
		Inner_Full	25.21	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	23.41	/	/	<=30	Pass
	3975	Edge_1RB_Left	26.65	/	/	24.97	/	/	<=30	Pass

		Edge 1RB Right	26.39	/	/	24.71	/	/	<=30	Pass
		Outer Full	25.91	/	/	24.23	/	/	<=30	Pass
		Inner Full	25.90	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Left	25.99	/	/	24.31	/	/	<=30	Pass
		Inner 1RB Right	26.37	/	/	24.69	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge 1RB Left	26.07	/	/	24.39	/	/	<=30	Pass
		Edge 1RB Right	25.88	/	/	24.20	/	/	<=30	Pass
		Outer Full	25.38	/	/	23.70	/	/	<=30	Pass
		Inner Full	25.64	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	23.68	/	/	<=30	Pass
	3840	Inner 1RB Right	25.74	/	/	24.06	/	/	<=30	Pass
		Edge 1RB Left	24.61	/	/	22.93	/	/	<=30	Pass
		Edge 1RB Right	24.22	/	/	22.54	/	/	<=30	Pass
		Outer Full	23.88	/	/	22.20	/	/	<=30	Pass
		Inner Full	24.15	/	/	22.47	/	/	<=30	Pass
	3975	Inner 1RB Left	23.93	/	/	22.25	/	/	<=30	Pass
		Inner 1RB Right	24.16	/	/	22.48	/	/	<=30	Pass
		Edge 1RB Left	25.50	/	/	23.82	/	/	<=30	Pass
		Edge 1RB Right	25.22	/	/	23.54	/	/	<=30	Pass
		Outer Full	24.61	/	/	22.93	/	/	<=30	Pass
CP-OFDM QPSK	3705	Inner Full	24.96	/	/	23.28	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	23.09	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Left	26.68	/	/	25.00	/	/	<=30	Pass
		Edge 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
	3840	Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.53	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	26.29	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Right	26.67	/	/	24.99	/	/	<=30	Pass
		Edge 1RB Left	26.97	/	/	25.29	/	/	<=30	Pass
	3975	Edge 1RB Right	26.59	/	/	24.91	/	/	<=30	Pass
		Outer Full	25.10	/	/	23.42	/	/	<=30	Pass
		Inner Full	26.37	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	26.41	/	/	24.73	/	/	<=30	Pass
		Inner 1RB Right	26.60	/	/	24.92	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge 1RB Left	26.26	/	/	24.58	/	/	<=30	Pass
		Edge 1RB Right	26.07	/	/	24.39	/	/	<=30	Pass
		Outer Full	25.85	/	/	24.17	/	/	<=30	Pass
		Inner Full	25.79	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Left	25.68	/	/	24.00	/	/	<=30	Pass
	3840	Inner 1RB Right	26.04	/	/	24.36	/	/	<=30	Pass
		Edge 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Right	26.58	/	/	24.90	/	/	<=30	Pass
		Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.37	/	/	24.69	/	/	<=30	Pass
	3975	Inner 1RB Left	26.17	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Right	26.57	/	/	24.89	/	/	<=30	Pass
		Edge 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass
		Edge 1RB Right	26.62	/	/	24.94	/	/	<=30	Pass
		Outer Full	26.44	/	/	24.76	/	/	<=30	Pass
	3705	Inner Full	26.41	/	/	24.73	/	/	<=30	Pass
		Inner 1RB Left	26.40	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	26.61	/	/	24.93	/	/	<=30	Pass
		Edge 1RB Left	26.05	/	/	24.37	/	/	<=30	Pass
		Edge 1RB Right	25.88	/	/	24.20	/	/	<=30	Pass
	3840	Outer Full	25.86	/	/	24.18	/	/	<=30	Pass
		Inner Full	25.74	/	/	24.06	/	/	<=30	Pass
		Inner 1RB Left	25.52	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	25.89	/	/	24.21	/	/	<=30	Pass
		Edge 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
	3975	Edge 1RB Right	26.58	/	/	24.90	/	/	<=30	Pass
		Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.37	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	26.17	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Right	26.57	/	/	24.89	/	/	<=30	Pass

CP-OFDM 64 QAM	3705	Edge 1RB Left	26.63	/	/	24.95	/	/	<=30	Pass
		Edge 1RB Right	26.56	/	/	24.88	/	/	<=30	Pass
		Outer Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner Full	26.37	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	26.13	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Right	26.54	/	/	24.86	/	/	<=30	Pass
	3840	Edge 1RB Left	26.94	/	/	25.26	/	/	<=30	Pass
		Edge 1RB Right	26.52	/	/	24.84	/	/	<=30	Pass
		Outer Full	26.04	/	/	24.36	/	/	<=30	Pass
		Inner Full	26.42	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Left	26.31	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Right	26.53	/	/	24.85	/	/	<=30	Pass
	3975	Edge 1RB Left	26.50	/	/	24.82	/	/	<=30	Pass
		Edge 1RB Right	26.28	/	/	24.60	/	/	<=30	Pass
		Outer Full	25.40	/	/	23.72	/	/	<=30	Pass
		Inner Full	25.78	/	/	24.10	/	/	<=30	Pass
		Inner 1RB Left	25.93	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Right	26.29	/	/	24.61	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge 1RB Left	23.14	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Right	22.95	/	/	21.27	/	/	<=30	Pass
		Outer Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner 1RB Left	22.51	/	/	20.83	/	/	<=30	Pass
		Inner 1RB Right	22.97	/	/	21.29	/	/	<=30	Pass
	3840	Edge 1RB Left	24.32	/	/	22.64	/	/	<=30	Pass
		Edge 1RB Right	23.88	/	/	22.20	/	/	<=30	Pass
		Outer Full	23.25	/	/	21.57	/	/	<=30	Pass
		Inner Full	23.65	/	/	21.97	/	/	<=30	Pass
		Inner 1RB Left	23.67	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Right	23.92	/	/	22.24	/	/	<=30	Pass
	3975	Edge 1RB Left	23.67	/	/	21.99	/	/	<=30	Pass
		Edge 1RB Right	23.56	/	/	21.88	/	/	<=30	Pass
		Outer Full	22.72	/	/	21.04	/	/	<=30	Pass
		Inner Full	23.11	/	/	21.43	/	/	<=30	Pass
		Inner 1RB Left	23.16	/	/	21.48	/	/	<=30	Pass
		Inner 1RB Right	23.49	/	/	21.81	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_15MHz_NTNV_EIRP

5G NR n77a SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3707.505	Edge 1RB Left	28.55	/	/	26.87	/	/	<=30	Pass
		Edge 1RB Right	28.34	/	/	26.66	/	/	<=30	Pass
		Outer Full	27.83	/	/	26.15	/	/	<=30	Pass
		Inner Full	27.69	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Left	28.28	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	28.31	/	/	26.63	/	/	<=30	Pass
	3840	Edge 1RB Left	27.32	/	/	25.64	/	/	<=30	Pass
		Edge 1RB Right	26.95	/	/	25.27	/	/	<=30	Pass
		Outer Full	26.64	/	/	24.96	/	/	<=30	Pass
		Inner Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Right	26.93	/	/	25.25	/	/	<=30	Pass
	3972.495	Edge 1RB Left	26.65	/	/	24.97	/	/	<=30	Pass
		Edge 1RB Right	26.44	/	/	24.76	/	/	<=30	Pass

		Outer Full	25.97	/	/	24.29	/	/	<=30	Pass
		Inner Full	25.72	/	/	24.04	/	/	<=30	Pass
		Inner 1RB Left	26.43	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	26.38	/	/	24.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.505	Edge 1RB Left	28.30	/	/	26.62	/	/	<=30	Pass
		Edge 1RB Right	28.17	/	/	26.49	/	/	<=30	Pass
		Outer Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner Full	27.60	/	/	25.92	/	/	<=30	Pass
		Inner 1RB Left	28.13	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Right	28.15	/	/	26.47	/	/	<=30	Pass
	3840	Edge 1RB Left	27.25	/	/	25.57	/	/	<=30	Pass
		Edge 1RB Right	26.96	/	/	25.28	/	/	<=30	Pass
		Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.42	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
	3972.495	Edge 1RB Left	26.58	/	/	24.90	/	/	<=30	Pass
		Edge 1RB Right	26.32	/	/	24.64	/	/	<=30	Pass
		Outer Full	25.90	/	/	24.22	/	/	<=30	Pass
		Inner Full	25.67	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	26.37	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Right	26.29	/	/	24.61	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.505	Edge 1RB Left	28.43	/	/	26.75	/	/	<=30	Pass
		Edge 1RB Right	28.31	/	/	26.63	/	/	<=30	Pass
		Outer Full	27.80	/	/	26.12	/	/	<=30	Pass
		Inner Full	27.63	/	/	25.95	/	/	<=30	Pass
		Inner 1RB Left	28.27	/	/	26.59	/	/	<=30	Pass
		Inner 1RB Right	28.30	/	/	26.62	/	/	<=30	Pass
	3840	Edge 1RB Left	27.36	/	/	25.68	/	/	<=30	Pass
		Edge 1RB Right	27.07	/	/	25.39	/	/	<=30	Pass
		Outer Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner Full	26.45	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	27.17	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Right	27.05	/	/	25.37	/	/	<=30	Pass
	3972.495	Edge 1RB Left	26.45	/	/	24.77	/	/	<=30	Pass
		Edge 1RB Right	26.20	/	/	24.52	/	/	<=30	Pass
		Outer Full	25.90	/	/	24.22	/	/	<=30	Pass
		Inner Full	25.70	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Left	26.26	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	26.20	/	/	24.52	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.505	Edge 1RB Left	27.17	/	/	25.49	/	/	<=30	Pass
		Edge 1RB Right	27.00	/	/	25.32	/	/	<=30	Pass
		Outer Full	26.13	/	/	24.45	/	/	<=30	Pass
		Inner Full	26.43	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Left	26.97	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Right	26.99	/	/	25.31	/	/	<=30	Pass
	3840	Edge 1RB Left	26.26	/	/	24.58	/	/	<=30	Pass
		Edge 1RB Right	25.94	/	/	24.26	/	/	<=30	Pass
		Outer Full	25.15	/	/	23.47	/	/	<=30	Pass
		Inner Full	25.44	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Left	26.06	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Right	25.93	/	/	24.25	/	/	<=30	Pass
	3972.495	Edge 1RB Left	25.62	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Right	25.28	/	/	23.60	/	/	<=30	Pass
		Outer Full	24.44	/	/	22.76	/	/	<=30	Pass
		Inner Full	24.68	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Left	25.40	/	/	23.72	/	/	<=30	Pass
		Inner 1RB Right	25.36	/	/	23.68	/	/	<=30	Pass
CP-OFDM QPSK	3707.505	Edge 1RB Left	28.17	/	/	26.49	/	/	<=30	Pass

		Edge_1RB_Right	28.11	/	/	26.43	/	/	<=30	Pass
		Outer_Full	27.72	/	/	26.04	/	/	<=30	Pass
		Inner_Full	27.55	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	28.07	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	28.17	/	/	26.49	/	/	<=30	Pass
		Edge_1RB_Left	27.20	/	/	25.52	/	/	<=30	Pass
		Edge_1RB_Right	26.86	/	/	25.18	/	/	<=30	Pass
		Outer_Full	26.61	/	/	24.93	/	/	<=30	Pass
		Inner_Full	26.34	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	27.03	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	26.93	/	/	25.25	/	/	<=30	Pass
		Edge_1RB_Left	26.46	/	/	24.78	/	/	<=30	Pass
		Edge_1RB_Right	26.26	/	/	24.58	/	/	<=30	Pass
		Outer_Full	25.84	/	/	24.16	/	/	<=30	Pass
		Inner_Full	25.58	/	/	23.90	/	/	<=30	Pass
	Inner_1RB_Left	26.34	/	/	24.66	/	/	<=30	Pass	
	Inner_1RB_Right	26.30	/	/	24.62	/	/	<=30	Pass	
			Edge_1RB_Left	28.05	/	/	26.37	/	/	<=30
Edge_1RB_Right			27.99	/	/	26.31	/	/	<=30	Pass
Outer_Full			27.74	/	/	26.06	/	/	<=30	Pass
Inner_Full			27.48	/	/	25.80	/	/	<=30	Pass
Inner_1RB_Left			27.97	/	/	26.29	/	/	<=30	Pass
Inner_1RB_Right			28.03	/	/	26.35	/	/	<=30	Pass
Edge_1RB_Left			27.02	/	/	25.34	/	/	<=30	Pass
Edge_1RB_Right			26.77	/	/	25.09	/	/	<=30	Pass
Outer_Full			26.54	/	/	24.86	/	/	<=30	Pass
Inner_Full			26.41	/	/	24.73	/	/	<=30	Pass
Inner_1RB_Left			26.91	/	/	25.23	/	/	<=30	Pass
Inner_1RB_Right			26.82	/	/	25.14	/	/	<=30	Pass
Edge_1RB_Left			26.42	/	/	24.74	/	/	<=30	Pass
Edge_1RB_Right			26.19	/	/	24.51	/	/	<=30	Pass
Outer_Full			25.82	/	/	24.14	/	/	<=30	Pass
Inner_Full		25.58	/	/	23.90	/	/	<=30	Pass	
Inner_1RB_Left		26.30	/	/	24.62	/	/	<=30	Pass	
Inner_1RB_Right		26.25	/	/	24.57	/	/	<=30	Pass	
		Edge_1RB_Left	28.29	/	/	26.61	/	/	<=30	Pass
		Edge_1RB_Right	28.24	/	/	26.56	/	/	<=30	Pass
		Outer_Full	27.23	/	/	25.55	/	/	<=30	Pass
		Inner_Full	27.56	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	28.22	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	28.28	/	/	26.60	/	/	<=30	Pass
		Edge_1RB_Left	27.33	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Right	27.08	/	/	25.40	/	/	<=30	Pass
		Outer_Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner_Full	26.44	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	27.22	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	27.12	/	/	25.44	/	/	<=30	Pass
		Edge_1RB_Left	26.35	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	26.14	/	/	24.46	/	/	<=30	Pass
		Outer_Full	25.37	/	/	23.69	/	/	<=30	Pass
	Inner_Full	25.60	/	/	23.92	/	/	<=30	Pass	
	Inner_1RB_Left	26.24	/	/	24.56	/	/	<=30	Pass	
	Inner_1RB_Right	26.18	/	/	24.50	/	/	<=30	Pass	
		Edge_1RB_Left	24.43	/	/	22.75	/	/	<=30	Pass
		Edge_1RB_Right	24.24	/	/	22.56	/	/	<=30	Pass
		Outer_Full	23.22	/	/	21.54	/	/	<=30	Pass
		Inner_Full	23.53	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	22.61	/	/	<=30	Pass

	3840	Edge 1RB Left	24.66	/	/	22.98	/	/	<=30	Pass
		Edge 1RB Right	24.36	/	/	22.68	/	/	<=30	Pass
		Outer Full	23.38	/	/	21.70	/	/	<=30	Pass
		Inner Full	23.66	/	/	21.98	/	/	<=30	Pass
		Inner 1RB Left	24.51	/	/	22.83	/	/	<=30	Pass
		Inner 1RB Right	24.41	/	/	22.73	/	/	<=30	Pass
	3972.495	Edge 1RB Left	23.87	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Right	23.60	/	/	21.92	/	/	<=30	Pass
		Outer Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner Full	22.87	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Right	23.69	/	/	22.01	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_20MHz_NTNV_EIRP

5G NR n77a SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3710.01	Edge 1RB Left	28.89	/	/	27.21	/	/	<=30	Pass
		Edge 1RB Right	28.70	/	/	27.02	/	/	<=30	Pass
		Outer Full	28.04	/	/	26.36	/	/	<=30	Pass
		Inner Full	27.76	/	/	26.08	/	/	<=30	Pass
		Inner 1RB Left	28.72	/	/	27.04	/	/	<=30	Pass
		Inner 1RB Right	28.72	/	/	27.04	/	/	<=30	Pass
	3840	Edge 1RB Left	27.81	/	/	26.13	/	/	<=30	Pass
		Edge 1RB Right	27.31	/	/	25.63	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner Full	26.55	/	/	24.87	/	/	<=30	Pass
		Inner 1RB Left	27.56	/	/	25.88	/	/	<=30	Pass
		Inner 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
	3969.99	Edge 1RB Left	27.10	/	/	25.42	/	/	<=30	Pass
		Edge 1RB Right	26.87	/	/	25.19	/	/	<=30	Pass
		Outer Full	26.26	/	/	24.58	/	/	<=30	Pass
		Inner Full	25.94	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Left	26.91	/	/	25.23	/	/	<=30	Pass
		Inner 1RB Right	26.86	/	/	25.18	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge 1RB Left	28.51	/	/	26.83	/	/	<=30	Pass
		Edge 1RB Right	28.34	/	/	26.66	/	/	<=30	Pass
		Outer Full	28.05	/	/	26.37	/	/	<=30	Pass
		Inner Full	27.66	/	/	25.98	/	/	<=30	Pass
		Inner 1RB Left	28.36	/	/	26.68	/	/	<=30	Pass
		Inner 1RB Right	28.36	/	/	26.68	/	/	<=30	Pass
	3840	Edge 1RB Left	27.51	/	/	25.83	/	/	<=30	Pass
		Edge 1RB Right	27.14	/	/	25.46	/	/	<=30	Pass
		Outer Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner Full	26.57	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Left	27.35	/	/	25.67	/	/	<=30	Pass
		Inner 1RB Right	27.17	/	/	25.49	/	/	<=30	Pass
	3969.99	Edge 1RB Left	26.98	/	/	25.30	/	/	<=30	Pass
		Edge 1RB Right	26.71	/	/	25.03	/	/	<=30	Pass
		Outer Full	26.19	/	/	24.51	/	/	<=30	Pass
		Inner Full	25.89	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Left	26.82	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Right	26.73	/	/	25.05	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	28.91	/	/	27.23	/	/	<=30	Pass
		Edge 1RB Right	28.75	/	/	27.07	/	/	<=30	Pass

		Outer Full	27.97	/	/	26.29	/	/	<=30	Pass
		Inner Full	27.64	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Left	28.75	/	/	27.07	/	/	<=30	Pass
		Inner 1RB Right	28.76	/	/	27.08	/	/	<=30	Pass
	3840	Edge 1RB Left	27.97	/	/	26.29	/	/	<=30	Pass
		Edge 1RB Right	27.62	/	/	25.94	/	/	<=30	Pass
		Outer Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner Full	26.58	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Left	27.81	/	/	26.13	/	/	<=30	Pass
		Inner 1RB Right	27.64	/	/	25.96	/	/	<=30	Pass
	3969.99	Edge 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Edge 1RB Right	26.85	/	/	25.17	/	/	<=30	Pass
		Outer Full	26.18	/	/	24.50	/	/	<=30	Pass
		Inner Full	25.88	/	/	24.20	/	/	<=30	Pass
		Inner 1RB Left	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Right	26.86	/	/	25.18	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	27.52	/	/	25.84	/	/	<=30	Pass
		Edge 1RB Right	27.32	/	/	25.64	/	/	<=30	Pass
		Outer Full	26.32	/	/	24.64	/	/	<=30	Pass
		Inner Full	26.47	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Left	27.35	/	/	25.67	/	/	<=30	Pass
		Inner 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
	3840	Edge 1RB Left	26.69	/	/	25.01	/	/	<=30	Pass
		Edge 1RB Right	26.31	/	/	24.63	/	/	<=30	Pass
		Outer Full	25.44	/	/	23.76	/	/	<=30	Pass
		Inner Full	25.61	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	26.53	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	26.34	/	/	24.66	/	/	<=30	Pass
	3969.99	Edge 1RB Left	25.97	/	/	24.29	/	/	<=30	Pass
		Edge 1RB Right	25.73	/	/	24.05	/	/	<=30	Pass
		Outer Full	24.77	/	/	23.09	/	/	<=30	Pass
		Inner Full	24.91	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	25.82	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Right	25.75	/	/	24.07	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	28.42	/	/	26.74	/	/	<=30	Pass
		Edge 1RB Right	28.31	/	/	26.63	/	/	<=30	Pass
		Outer Full	27.92	/	/	26.24	/	/	<=30	Pass
		Inner Full	27.66	/	/	25.98	/	/	<=30	Pass
		Inner 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Right	28.41	/	/	26.73	/	/	<=30	Pass
	3840	Edge 1RB Left	27.59	/	/	25.91	/	/	<=30	Pass
		Edge 1RB Right	27.26	/	/	25.58	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner Full	26.53	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Inner 1RB Right	27.30	/	/	25.62	/	/	<=30	Pass
	3969.99	Edge 1RB Left	26.88	/	/	25.20	/	/	<=30	Pass
		Edge 1RB Right	26.68	/	/	25.00	/	/	<=30	Pass
		Outer Full	26.18	/	/	24.50	/	/	<=30	Pass
		Inner Full	25.83	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Left	26.78	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Right	26.73	/	/	25.05	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	28.20	/	/	26.52	/	/	<=30	Pass
		Edge 1RB Right	28.10	/	/	26.42	/	/	<=30	Pass
		Outer Full	27.96	/	/	26.28	/	/	<=30	Pass
		Inner Full	27.55	/	/	25.87	/	/	<=30	Pass
		Inner 1RB Left	28.13	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Right	28.17	/	/	26.49	/	/	<=30	Pass
	3840	Edge 1RB Left	27.47	/	/	25.79	/	/	<=30	Pass

		Edge_1RB_Right	27.14	/	/	25.46	/	/	<=30	Pass
		Outer_Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner_Full	26.58	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	27.36	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Right	27.21	/	/	25.53	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	26.86	/	/	25.18	/	/	<=30	Pass
		Edge_1RB_Right	26.66	/	/	24.98	/	/	<=30	Pass
		Outer_Full	26.16	/	/	24.48	/	/	<=30	Pass
		Inner_Full	25.80	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	26.79	/	/	25.11	/	/	<=30	Pass
	Inner_1RB_Right	26.70	/	/	25.02	/	/	<=30	Pass	
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	28.59	/	/	26.91	/	/	<=30	Pass
		Edge_1RB_Right	28.51	/	/	26.83	/	/	<=30	Pass
		Outer_Full	27.42	/	/	25.74	/	/	<=30	Pass
		Inner_Full	27.54	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Left	28.52	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Right	28.57	/	/	26.89	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.91	/	/	26.23	/	/	<=30	Pass
		Edge_1RB_Right	27.60	/	/	25.92	/	/	<=30	Pass
		Outer_Full	26.47	/	/	24.79	/	/	<=30	Pass
		Inner_Full	26.59	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	27.81	/	/	26.13	/	/	<=30	Pass
		Inner_1RB_Right	27.65	/	/	25.97	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	26.97	/	/	25.29	/	/	<=30	Pass
		Edge_1RB_Right	26.75	/	/	25.07	/	/	<=30	Pass
		Outer_Full	25.70	/	/	24.02	/	/	<=30	Pass
Inner_Full		25.80	/	/	24.12	/	/	<=30	Pass	
Inner_1RB_Left		26.90	/	/	25.22	/	/	<=30	Pass	
Inner_1RB_Right		26.81	/	/	25.13	/	/	<=30	Pass	
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	24.69	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	24.52	/	/	22.84	/	/	<=30	Pass
		Outer_Full	23.40	/	/	21.72	/	/	<=30	Pass
		Inner_Full	23.54	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	22.84	/	/	<=30	Pass
	3840	Edge_1RB_Left	25.06	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Right	24.67	/	/	22.99	/	/	<=30	Pass
		Outer_Full	23.73	/	/	22.05	/	/	<=30	Pass
		Inner_Full	23.86	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	23.03	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	24.34	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	24.13	/	/	22.45	/	/	<=30	Pass
		Outer_Full	23.03	/	/	21.35	/	/	<=30	Pass
Inner_Full		23.11	/	/	21.43	/	/	<=30	Pass	
Inner_1RB_Left		24.23	/	/	22.55	/	/	<=30	Pass	
Inner_1RB_Right		24.18	/	/	22.50	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_25MHz_NTNV_EIRP

5G NR n77a SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	28.19	/	/	26.51	/	/	<=30	Pass
		Edge_1RB_Right	27.92	/	/	26.24	/	/	<=30	Pass
		Outer_Full	28.34	/	/	26.66	/	/	<=30	Pass

		Inner Full	28.05	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Left	27.89	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Right	28.06	/	/	26.38	/	/	<=30	Pass
	3840	Edge 1RB Left	26.85	/	/	25.17	/	/	<=30	Pass
		Edge 1RB Right	26.38	/	/	24.70	/	/	<=30	Pass
		Outer Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner Full	26.63	/	/	24.95	/	/	<=30	Pass
		Inner 1RB Left	26.54	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	26.52	/	/	24.84	/	/	<=30	Pass
		Edge 1RB Left	26.04	/	/	24.36	/	/	<=30	Pass
	3967.5	Edge 1RB Right	25.86	/	/	24.18	/	/	<=30	Pass
		Outer Full	26.18	/	/	24.50	/	/	<=30	Pass
		Inner Full	25.91	/	/	24.23	/	/	<=30	Pass
		Inner 1RB Left	25.78	/	/	24.10	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	24.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge 1RB Left	27.87	/	/	26.19	/	/	<=30	Pass
		Edge 1RB Right	27.61	/	/	25.93	/	/	<=30	Pass
		Outer Full	28.38	/	/	26.70	/	/	<=30	Pass
		Inner Full	27.92	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Inner 1RB Right	27.77	/	/	26.09	/	/	<=30	Pass
		Edge 1RB Left	26.72	/	/	25.04	/	/	<=30	Pass
	3840	Edge 1RB Right	26.32	/	/	24.64	/	/	<=30	Pass
		Outer Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner Full	26.57	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Left	26.44	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Right	26.47	/	/	24.79	/	/	<=30	Pass
	3967.5	Edge 1RB Left	25.84	/	/	24.16	/	/	<=30	Pass
		Edge 1RB Right	25.60	/	/	23.92	/	/	<=30	Pass
		Outer Full	26.18	/	/	24.50	/	/	<=30	Pass
		Inner Full	25.85	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	25.55	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Right	25.75	/	/	24.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge 1RB Left	28.30	/	/	26.62	/	/	<=30	Pass
		Edge 1RB Right	28.07	/	/	26.39	/	/	<=30	Pass
		Outer Full	28.28	/	/	26.60	/	/	<=30	Pass
		Inner Full	27.95	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass
		Inner 1RB Right	28.21	/	/	26.53	/	/	<=30	Pass
		Edge 1RB Left	26.69	/	/	25.01	/	/	<=30	Pass
	3840	Edge 1RB Right	26.28	/	/	24.60	/	/	<=30	Pass
		Outer Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Left	26.39	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Right	26.44	/	/	24.76	/	/	<=30	Pass
	3967.5	Edge 1RB Left	26.28	/	/	24.60	/	/	<=30	Pass
		Edge 1RB Right	26.08	/	/	24.40	/	/	<=30	Pass
		Outer Full	26.19	/	/	24.51	/	/	<=30	Pass
		Inner Full	25.89	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Left	25.93	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	24.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge 1RB Left	26.85	/	/	25.17	/	/	<=30	Pass
		Edge 1RB Right	26.58	/	/	24.90	/	/	<=30	Pass
		Outer Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	26.53	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	26.74	/	/	25.06	/	/	<=30	Pass
	3840	Edge 1RB Left	25.71	/	/	24.03	/	/	<=30	Pass
		Edge 1RB Right	25.26	/	/	23.58	/	/	<=30	Pass

		Outer Full	25.51	/	/	23.83	/	/	<=30	Pass
		Inner Full	25.63	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	25.41	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Right	25.43	/	/	23.75	/	/	<=30	Pass
	3967.5	Edge 1RB Left	24.98	/	/	23.30	/	/	<=30	Pass
		Edge 1RB Right	24.77	/	/	23.09	/	/	<=30	Pass
		Outer Full	24.76	/	/	23.08	/	/	<=30	Pass
		Inner Full	24.91	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	24.72	/	/	23.04	/	/	<=30	Pass
		Inner 1RB Right	24.93	/	/	23.25	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge 1RB Left	27.91	/	/	26.23	/	/	<=30	Pass
		Edge 1RB Right	27.72	/	/	26.04	/	/	<=30	Pass
		Outer Full	28.15	/	/	26.47	/	/	<=30	Pass
		Inner Full	27.90	/	/	26.22	/	/	<=30	Pass
		Inner 1RB Left	27.71	/	/	26.03	/	/	<=30	Pass
		Inner 1RB Right	27.89	/	/	26.21	/	/	<=30	Pass
	3840	Edge 1RB Left	26.67	/	/	24.99	/	/	<=30	Pass
		Edge 1RB Right	26.24	/	/	24.56	/	/	<=30	Pass
		Outer Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner Full	26.46	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	26.46	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Right	26.42	/	/	24.74	/	/	<=30	Pass
	3967.5	Edge 1RB Left	25.97	/	/	24.29	/	/	<=30	Pass
		Edge 1RB Right	25.76	/	/	24.08	/	/	<=30	Pass
		Outer Full	26.13	/	/	24.45	/	/	<=30	Pass
		Inner Full	25.81	/	/	24.13	/	/	<=30	Pass
		Inner 1RB Left	25.72	/	/	24.04	/	/	<=30	Pass
		Inner 1RB Right	25.95	/	/	24.27	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge 1RB Left	27.66	/	/	25.98	/	/	<=30	Pass
		Edge 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
		Outer Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner Full	27.81	/	/	26.13	/	/	<=30	Pass
		Inner 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Right	27.66	/	/	25.98	/	/	<=30	Pass
	3840	Edge 1RB Left	26.75	/	/	25.07	/	/	<=30	Pass
		Edge 1RB Right	26.39	/	/	24.71	/	/	<=30	Pass
		Outer Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner Full	26.58	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Left	26.52	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Right	26.55	/	/	24.87	/	/	<=30	Pass
	3967.5	Edge 1RB Left	25.80	/	/	24.12	/	/	<=30	Pass
		Edge 1RB Right	25.60	/	/	23.92	/	/	<=30	Pass
		Outer Full	26.11	/	/	24.43	/	/	<=30	Pass
		Inner Full	25.80	/	/	24.12	/	/	<=30	Pass
		Inner 1RB Left	25.60	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Right	25.77	/	/	24.09	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge 1RB Left	28.10	/	/	26.42	/	/	<=30	Pass
		Edge 1RB Right	27.95	/	/	26.27	/	/	<=30	Pass
		Outer Full	27.69	/	/	26.01	/	/	<=30	Pass
		Inner Full	27.80	/	/	26.12	/	/	<=30	Pass
		Inner 1RB Left	27.90	/	/	26.22	/	/	<=30	Pass
		Inner 1RB Right	28.09	/	/	26.41	/	/	<=30	Pass
	3840	Edge 1RB Left	26.63	/	/	24.95	/	/	<=30	Pass
		Edge 1RB Right	26.26	/	/	24.58	/	/	<=30	Pass
		Outer Full	26.42	/	/	24.74	/	/	<=30	Pass
		Inner Full	26.56	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Right	26.43	/	/	24.75	/	/	<=30	Pass
	3967.5	Edge 1RB Left	26.26	/	/	24.58	/	/	<=30	Pass

		Edge 1RB Right	26.04	/	/	24.36	/	/	<=30	Pass	
		Outer Full	25.67	/	/	23.99	/	/	<=30	Pass	
		Inner Full	25.82	/	/	24.14	/	/	<=30	Pass	
		Inner 1RB Left	26.05	/	/	24.37	/	/	<=30	Pass	
		Inner 1RB Right	26.21	/	/	24.53	/	/	<=30	Pass	
CP-OFDM 256 QAM	3712.5	Edge 1RB Left	24.00	/	/	22.32	/	/	<=30	Pass	
		Edge 1RB Right	23.76	/	/	22.08	/	/	<=30	Pass	
		Outer Full	23.68	/	/	22.00	/	/	<=30	Pass	
		Inner Full	23.85	/	/	22.17	/	/	<=30	Pass	
		Inner 1RB Left	23.71	/	/	22.03	/	/	<=30	Pass	
		Inner 1RB Right	23.91	/	/	22.23	/	/	<=30	Pass	
		3840	Edge 1RB Left	23.92	/	/	22.24	/	/	<=30	Pass
			Edge 1RB Right	23.54	/	/	21.86	/	/	<=30	Pass
			Outer Full	23.65	/	/	21.97	/	/	<=30	Pass
			Inner Full	23.74	/	/	22.06	/	/	<=30	Pass
	Inner 1RB Left		23.67	/	/	21.99	/	/	<=30	Pass	
		Inner 1RB Right	23.73	/	/	22.05	/	/	<=30	Pass	
		3967.5	Edge 1RB Left	23.40	/	/	21.72	/	/	<=30	Pass
			Edge 1RB Right	23.20	/	/	21.52	/	/	<=30	Pass
			Outer Full	22.97	/	/	21.29	/	/	<=30	Pass
Inner Full			23.11	/	/	21.43	/	/	<=30	Pass	
Inner 1RB Left	23.15		/	/	21.47	/	/	<=30	Pass		
	Inner 1RB Right	23.36	/	/	21.68	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.5 15k_SISO_30MHz_NTNV_EIRP

5G NR n77a SCS=15kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3715.005	Edge 1RB Left	28.99	/	/	27.31	/	/	<=30	Pass
		Edge 1RB Right	28.94	/	/	27.26	/	/	<=30	Pass
		Outer Full	28.35	/	/	26.67	/	/	<=30	Pass
		Inner Full	27.98	/	/	26.30	/	/	<=30	Pass
		Inner 1RB Left	28.88	/	/	27.20	/	/	<=30	Pass
		Inner 1RB Right	29.01	/	/	27.33	/	/	<=30	Pass
	3840	Edge 1RB Left	27.80	/	/	26.12	/	/	<=30	Pass
		Edge 1RB Right	27.37	/	/	25.69	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.61	/	/	24.93	/	/	<=30	Pass
	3964.995	Inner 1RB Left	27.72	/	/	26.04	/	/	<=30	Pass
		Inner 1RB Right	27.40	/	/	25.72	/	/	<=30	Pass
		Edge 1RB Left	26.93	/	/	25.25	/	/	<=30	Pass
		Edge 1RB Right	26.67	/	/	24.99	/	/	<=30	Pass
		Outer Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner Full	25.77	/	/	24.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.005	Inner 1RB Left	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Right	26.66	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Left	28.82	/	/	27.14	/	/	<=30	Pass
		Edge 1RB Right	28.86	/	/	27.18	/	/	<=30	Pass
		Outer Full	28.35	/	/	26.67	/	/	<=30	Pass
		Inner Full	27.89	/	/	26.21	/	/	<=30	Pass
	3840	Inner 1RB Left	28.76	/	/	27.08	/	/	<=30	Pass
		Inner 1RB Right	28.88	/	/	27.20	/	/	<=30	Pass
	3840	Edge 1RB Left	27.68	/	/	26.00	/	/	<=30	Pass
		Edge 1RB Right	27.29	/	/	25.61	/	/	<=30	Pass
		Outer Full	26.91	/	/	25.23	/	/	<=30	Pass

		Inner Full	26.61	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Left	27.62	/	/	25.94	/	/	<=30	Pass
		Inner 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
	3964.995	Edge 1RB Left	26.85	/	/	25.17	/	/	<=30	Pass
		Edge 1RB Right	26.54	/	/	24.86	/	/	<=30	Pass
		Outer Full	26.07	/	/	24.39	/	/	<=30	Pass
		Inner Full	25.73	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Left	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Right	26.56	/	/	24.88	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.005	Edge 1RB Left	28.69	/	/	27.01	/	/	<=30	Pass
		Edge 1RB Right	28.75	/	/	27.07	/	/	<=30	Pass
		Outer Full	28.27	/	/	26.59	/	/	<=30	Pass
		Inner Full	27.91	/	/	26.23	/	/	<=30	Pass
		Inner 1RB Left	28.61	/	/	26.93	/	/	<=30	Pass
		Inner 1RB Right	28.76	/	/	27.08	/	/	<=30	Pass
	3840	Edge 1RB Left	27.81	/	/	26.13	/	/	<=30	Pass
		Edge 1RB Right	27.46	/	/	25.78	/	/	<=30	Pass
		Outer Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Left	27.76	/	/	26.08	/	/	<=30	Pass
		Inner 1RB Right	27.50	/	/	25.82	/	/	<=30	Pass
	3964.995	Edge 1RB Left	26.75	/	/	25.07	/	/	<=30	Pass
		Edge 1RB Right	26.43	/	/	24.75	/	/	<=30	Pass
		Outer Full	26.07	/	/	24.39	/	/	<=30	Pass
		Inner Full	25.73	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Right	26.44	/	/	24.76	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.005	Edge 1RB Left	27.67	/	/	25.99	/	/	<=30	Pass
		Edge 1RB Right	27.72	/	/	26.04	/	/	<=30	Pass
		Outer Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner Full	26.73	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Left	27.61	/	/	25.93	/	/	<=30	Pass
		Inner 1RB Right	27.76	/	/	26.08	/	/	<=30	Pass
	3840	Edge 1RB Left	26.70	/	/	25.02	/	/	<=30	Pass
		Edge 1RB Right	26.30	/	/	24.62	/	/	<=30	Pass
		Outer Full	25.51	/	/	23.83	/	/	<=30	Pass
		Inner Full	25.61	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Right	26.35	/	/	24.67	/	/	<=30	Pass
	3964.995	Edge 1RB Left	25.84	/	/	24.16	/	/	<=30	Pass
		Edge 1RB Right	25.53	/	/	23.85	/	/	<=30	Pass
		Outer Full	24.65	/	/	22.97	/	/	<=30	Pass
		Inner Full	24.72	/	/	23.04	/	/	<=30	Pass
		Inner 1RB Left	25.77	/	/	24.09	/	/	<=30	Pass
		Inner 1RB Right	25.54	/	/	23.86	/	/	<=30	Pass
CP-OFDM QPSK	3715.005	Edge 1RB Left	28.64	/	/	26.96	/	/	<=30	Pass
		Edge 1RB Right	28.65	/	/	26.97	/	/	<=30	Pass
		Outer Full	28.16	/	/	26.48	/	/	<=30	Pass
		Inner Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Left	28.71	/	/	27.03	/	/	<=30	Pass
		Inner 1RB Right	28.64	/	/	26.96	/	/	<=30	Pass
	3840	Edge 1RB Left	27.60	/	/	25.92	/	/	<=30	Pass
		Edge 1RB Right	27.05	/	/	25.37	/	/	<=30	Pass
		Outer Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner Full	26.50	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
		Inner 1RB Right	27.17	/	/	25.49	/	/	<=30	Pass
	3964.995	Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Right	26.39	/	/	24.71	/	/	<=30	Pass

		Outer Full	25.97	/	/	24.29	/	/	<=30	Pass	
		Inner Full	25.63	/	/	23.95	/	/	<=30	Pass	
		Inner_1RB_Left	26.77	/	/	25.09	/	/	<=30	Pass	
		Inner_1RB_Right	26.55	/	/	24.87	/	/	<=30	Pass	
CP-OFDM 16 QAM	3715.005	Edge_1RB_Left	28.50	/	/	26.82	/	/	<=30	Pass	
		Edge_1RB_Right	28.53	/	/	26.85	/	/	<=30	Pass	
		Outer Full	28.17	/	/	26.49	/	/	<=30	Pass	
		Inner Full	27.78	/	/	26.10	/	/	<=30	Pass	
		Inner_1RB_Left	28.52	/	/	26.84	/	/	<=30	Pass	
		Inner_1RB_Right	28.62	/	/	26.94	/	/	<=30	Pass	
		3840	Edge_1RB_Left	27.58	/	/	25.90	/	/	<=30	Pass
			Edge_1RB_Right	27.00	/	/	25.32	/	/	<=30	Pass
	Outer Full		26.79	/	/	25.11	/	/	<=30	Pass	
	Inner Full		26.53	/	/	24.85	/	/	<=30	Pass	
	Inner_1RB_Left		27.57	/	/	25.89	/	/	<=30	Pass	
	Inner_1RB_Right		27.12	/	/	25.44	/	/	<=30	Pass	
	3964.995	Edge_1RB_Left	26.72	/	/	25.04	/	/	<=30	Pass	
		Edge_1RB_Right	26.33	/	/	24.65	/	/	<=30	Pass	
		Outer Full	25.93	/	/	24.25	/	/	<=30	Pass	
		Inner Full	25.61	/	/	23.93	/	/	<=30	Pass	
		Inner_1RB_Left	26.72	/	/	25.04	/	/	<=30	Pass	
		Inner_1RB_Right	26.44	/	/	24.76	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3715.005	Edge_1RB_Left	28.48	/	/	26.80	/	/	<=30	Pass
			Edge_1RB_Right	28.49	/	/	26.81	/	/	<=30	Pass
Outer Full			27.69	/	/	26.01	/	/	<=30	Pass	
Inner Full			27.79	/	/	26.11	/	/	<=30	Pass	
Inner_1RB_Left			28.51	/	/	26.83	/	/	<=30	Pass	
Inner_1RB_Right			28.61	/	/	26.93	/	/	<=30	Pass	
3840		Edge_1RB_Left	27.69	/	/	26.01	/	/	<=30	Pass	
		Edge_1RB_Right	27.30	/	/	25.62	/	/	<=30	Pass	
		Outer Full	26.39	/	/	24.71	/	/	<=30	Pass	
		Inner Full	26.53	/	/	24.85	/	/	<=30	Pass	
		Inner_1RB_Left	27.69	/	/	26.01	/	/	<=30	Pass	
		Inner_1RB_Right	27.56	/	/	25.88	/	/	<=30	Pass	
3964.995		Edge_1RB_Left	26.66	/	/	24.98	/	/	<=30	Pass	
		Edge_1RB_Right	26.27	/	/	24.59	/	/	<=30	Pass	
		Outer Full	25.50	/	/	23.82	/	/	<=30	Pass	
		Inner Full	25.62	/	/	23.94	/	/	<=30	Pass	
		Inner_1RB_Left	26.65	/	/	24.97	/	/	<=30	Pass	
		Inner_1RB_Right	26.37	/	/	24.69	/	/	<=30	Pass	
CP-OFDM 256 QAM		3715.005	Edge_1RB_Left	24.98	/	/	23.30	/	/	<=30	Pass
			Edge_1RB_Right	24.96	/	/	23.28	/	/	<=30	Pass
	Outer Full		23.71	/	/	22.03	/	/	<=30	Pass	
	Inner Full		23.82	/	/	22.14	/	/	<=30	Pass	
	Inner_1RB_Left		24.94	/	/	23.26	/	/	<=30	Pass	
	Inner_1RB_Right		25.08	/	/	23.40	/	/	<=30	Pass	
	3840	Edge_1RB_Left	25.07	/	/	23.39	/	/	<=30	Pass	
		Edge_1RB_Right	24.67	/	/	22.99	/	/	<=30	Pass	
		Outer Full	23.67	/	/	21.99	/	/	<=30	Pass	
		Inner Full	23.78	/	/	22.10	/	/	<=30	Pass	
		Inner_1RB_Left	25.06	/	/	23.38	/	/	<=30	Pass	
		Inner_1RB_Right	24.76	/	/	23.08	/	/	<=30	Pass	
	3964.995	Edge_1RB_Left	24.19	/	/	22.51	/	/	<=30	Pass	
		Edge_1RB_Right	23.84	/	/	22.16	/	/	<=30	Pass	
		Outer Full	22.81	/	/	21.13	/	/	<=30	Pass	
		Inner Full	22.91	/	/	21.23	/	/	<=30	Pass	
		Inner_1RB_Left	24.16	/	/	22.48	/	/	<=30	Pass	
		Inner_1RB_Right	23.97	/	/	22.29	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi;											

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15k_SISO_40MHz_NTNV_EIRP

5G NR n77a SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	29.37	/	/	27.69	/	/	<=30	Pass
		Edge_1RB_Right	29.11	/	/	27.43	/	/	<=30	Pass
		Outer_Full	28.48	/	/	26.80	/	/	<=30	Pass
		Inner_Full	27.90	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Left	29.22	/	/	27.54	/	/	<=30	Pass
		Inner_1RB_Right	29.15	/	/	27.47	/	/	<=30	Pass
	3840	Edge_1RB_Left	28.10	/	/	26.42	/	/	<=30	Pass
		Edge_1RB_Right	27.68	/	/	26.00	/	/	<=30	Pass
		Outer_Full	27.31	/	/	25.63	/	/	<=30	Pass
		Inner_Full	26.77	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	28.00	/	/	26.32	/	/	<=30	Pass
		Inner_1RB_Right	27.73	/	/	26.05	/	/	<=30	Pass
	3960	Edge_1RB_Left	27.31	/	/	25.63	/	/	<=30	Pass
		Edge_1RB_Right	27.03	/	/	25.35	/	/	<=30	Pass
		Outer_Full	26.32	/	/	24.64	/	/	<=30	Pass
		Inner_Full	25.80	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	27.23	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	27.04	/	/	25.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	28.95	/	/	27.27	/	/	<=30	Pass
		Edge_1RB_Right	28.87	/	/	27.19	/	/	<=30	Pass
		Outer_Full	28.43	/	/	26.75	/	/	<=30	Pass
		Inner_Full	27.83	/	/	26.15	/	/	<=30	Pass
		Inner_1RB_Left	28.88	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Right	28.89	/	/	27.21	/	/	<=30	Pass
	3840	Edge_1RB_Left	28.03	/	/	26.35	/	/	<=30	Pass
		Edge_1RB_Right	27.71	/	/	26.03	/	/	<=30	Pass
		Outer_Full	27.19	/	/	25.51	/	/	<=30	Pass
		Inner_Full	26.78	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Left	27.96	/	/	26.28	/	/	<=30	Pass
		Inner_1RB_Right	27.75	/	/	26.07	/	/	<=30	Pass
	3960	Edge_1RB_Left	27.27	/	/	25.59	/	/	<=30	Pass
		Edge_1RB_Right	26.89	/	/	25.21	/	/	<=30	Pass
		Outer_Full	26.26	/	/	24.58	/	/	<=30	Pass
		Inner_Full	25.77	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Left	27.21	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	26.93	/	/	25.25	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	29.30	/	/	27.62	/	/	<=30	Pass
		Edge_1RB_Right	29.25	/	/	27.57	/	/	<=30	Pass
		Outer_Full	28.36	/	/	26.68	/	/	<=30	Pass
		Inner_Full	27.83	/	/	26.15	/	/	<=30	Pass
		Inner_1RB_Left	29.26	/	/	27.58	/	/	<=30	Pass
		Inner_1RB_Right	29.30	/	/	27.62	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.90	/	/	26.22	/	/	<=30	Pass
		Edge_1RB_Right	27.61	/	/	25.93	/	/	<=30	Pass
		Outer_Full	27.20	/	/	25.52	/	/	<=30	Pass
		Inner_Full	26.78	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Left	27.82	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Right	27.63	/	/	25.95	/	/	<=30	Pass
	3960	Edge_1RB_Left	27.13	/	/	25.45	/	/	<=30	Pass
		Edge_1RB_Right	26.78	/	/	25.10	/	/	<=30	Pass

		Outer Full	26.25	/	/	24.57	/	/	<=30	Pass
		Inner Full	25.77	/	/	24.09	/	/	<=30	Pass
		Inner 1RB Left	27.07	/	/	25.39	/	/	<=30	Pass
		Inner 1RB Right	26.82	/	/	25.14	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Left	27.99	/	/	26.31	/	/	<=30	Pass
		Edge 1RB Right	27.89	/	/	26.21	/	/	<=30	Pass
		Outer Full	26.76	/	/	25.08	/	/	<=30	Pass
		Inner Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	27.93	/	/	26.25	/	/	<=30	Pass
		Inner 1RB Right	27.95	/	/	26.27	/	/	<=30	Pass
	3840	Edge 1RB Left	27.10	/	/	25.42	/	/	<=30	Pass
		Edge 1RB Right	26.80	/	/	25.12	/	/	<=30	Pass
		Outer Full	25.78	/	/	24.10	/	/	<=30	Pass
		Inner Full	25.82	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Left	27.04	/	/	25.36	/	/	<=30	Pass
		Inner 1RB Right	26.84	/	/	25.16	/	/	<=30	Pass
	3960	Edge 1RB Left	26.25	/	/	24.57	/	/	<=30	Pass
		Edge 1RB Right	25.91	/	/	24.23	/	/	<=30	Pass
		Outer Full	24.83	/	/	23.15	/	/	<=30	Pass
		Inner Full	24.80	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Left	26.21	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Right	25.96	/	/	24.28	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge 1RB Left	28.82	/	/	27.14	/	/	<=30	Pass
		Edge 1RB Right	28.78	/	/	27.10	/	/	<=30	Pass
		Outer Full	28.26	/	/	26.58	/	/	<=30	Pass
		Inner Full	27.74	/	/	26.06	/	/	<=30	Pass
		Inner 1RB Left	28.93	/	/	27.25	/	/	<=30	Pass
		Inner 1RB Right	28.75	/	/	27.07	/	/	<=30	Pass
	3840	Edge 1RB Left	27.91	/	/	26.23	/	/	<=30	Pass
		Edge 1RB Right	27.58	/	/	25.90	/	/	<=30	Pass
		Outer Full	27.18	/	/	25.50	/	/	<=30	Pass
		Inner Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	28.00	/	/	26.32	/	/	<=30	Pass
		Inner 1RB Right	27.70	/	/	26.02	/	/	<=30	Pass
	3960	Edge 1RB Left	27.14	/	/	25.46	/	/	<=30	Pass
		Edge 1RB Right	26.84	/	/	25.16	/	/	<=30	Pass
		Outer Full	26.19	/	/	24.51	/	/	<=30	Pass
		Inner Full	25.67	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Inner 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge 1RB Left	28.58	/	/	26.90	/	/	<=30	Pass
		Edge 1RB Right	28.59	/	/	26.91	/	/	<=30	Pass
		Outer Full	28.24	/	/	26.56	/	/	<=30	Pass
		Inner Full	27.66	/	/	25.98	/	/	<=30	Pass
		Inner 1RB Left	28.61	/	/	26.93	/	/	<=30	Pass
		Inner 1RB Right	28.57	/	/	26.89	/	/	<=30	Pass
	3840	Edge 1RB Left	27.90	/	/	26.22	/	/	<=30	Pass
		Edge 1RB Right	27.64	/	/	25.96	/	/	<=30	Pass
		Outer Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner Full	26.70	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Left	27.90	/	/	26.22	/	/	<=30	Pass
		Inner 1RB Right	27.67	/	/	25.99	/	/	<=30	Pass
	3960	Edge 1RB Left	27.13	/	/	25.45	/	/	<=30	Pass
		Edge 1RB Right	26.76	/	/	25.08	/	/	<=30	Pass
		Outer Full	26.16	/	/	24.48	/	/	<=30	Pass
		Inner Full	25.65	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Left	27.13	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Right	26.78	/	/	25.10	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge 1RB Left	28.94	/	/	27.26	/	/	<=30	Pass

		Edge 1RB Right	29.12	/	/	27.44	/	/	<=30	Pass	
		Outer_Full	27.75	/	/	26.07	/	/	<=30	Pass	
		Inner_Full	27.74	/	/	26.06	/	/	<=30	Pass	
		Inner_1RB_Left	29.07	/	/	27.39	/	/	<=30	Pass	
		Inner 1RB Right	29.04	/	/	27.36	/	/	<=30	Pass	
	3840	Edge 1RB Left	27.86	/	/	26.18	/	/	<=30	Pass	
		Edge 1RB Right	27.73	/	/	26.05	/	/	<=30	Pass	
		Outer_Full	26.70	/	/	25.02	/	/	<=30	Pass	
		Inner_Full	26.79	/	/	25.11	/	/	<=30	Pass	
		Inner_1RB_Left	27.94	/	/	26.26	/	/	<=30	Pass	
	3960	Inner 1RB Right	27.70	/	/	26.02	/	/	<=30	Pass	
		Edge_1RB_Left	27.08	/	/	25.40	/	/	<=30	Pass	
		Edge 1RB Right	26.72	/	/	25.04	/	/	<=30	Pass	
		Outer_Full	25.71	/	/	24.03	/	/	<=30	Pass	
		Inner_Full	25.67	/	/	23.99	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3720	Inner_1RB_Left	27.08	/	/	25.40	/	/	<=30	Pass
			Inner 1RB Right	26.72	/	/	25.04	/	/	<=30	Pass
			Edge 1RB Left	25.41	/	/	23.73	/	/	<=30	Pass
Edge 1RB Right			25.26	/	/	23.58	/	/	<=30	Pass	
Outer_Full			23.85	/	/	22.17	/	/	<=30	Pass	
Inner_Full			23.76	/	/	22.08	/	/	<=30	Pass	
3840		Inner_1RB_Left	25.29	/	/	23.61	/	/	<=30	Pass	
		Inner 1RB Right	25.32	/	/	23.64	/	/	<=30	Pass	
		Edge 1RB Left	25.45	/	/	23.77	/	/	<=30	Pass	
		Edge 1RB Right	25.17	/	/	23.49	/	/	<=30	Pass	
		Outer_Full	24.07	/	/	22.39	/	/	<=30	Pass	
		Inner_Full	24.07	/	/	22.39	/	/	<=30	Pass	
3960		Inner_1RB_Left	25.43	/	/	23.75	/	/	<=30	Pass	
		Inner 1RB Right	25.23	/	/	23.55	/	/	<=30	Pass	
		Edge_1RB_Left	24.62	/	/	22.94	/	/	<=30	Pass	
		Edge 1RB Right	24.31	/	/	22.63	/	/	<=30	Pass	
		Outer_Full	23.03	/	/	21.35	/	/	<=30	Pass	
		Inner_Full	22.98	/	/	21.30	/	/	<=30	Pass	
	Inner_1RB_Left	24.60	/	/	22.92	/	/	<=30	Pass		
	Inner 1RB Right	24.35	/	/	22.67	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -1.68dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.7 15k_SISO_50MHz_NTNV_EIRP

5G NR n77a SCS=15kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	28.39	/	/	26.71	/	/	<=30	Pass
		Edge 1RB Right	28.48	/	/	26.80	/	/	<=30	Pass
		Outer Full	28.71	/	/	27.03	/	/	<=30	Pass
		Inner Full	28.14	/	/	26.46	/	/	<=30	Pass
		Inner 1RB Left	28.39	/	/	26.71	/	/	<=30	Pass
		Inner 1RB Right	28.61	/	/	26.93	/	/	<=30	Pass
	3840	Edge 1RB Left	26.95	/	/	25.27	/	/	<=30	Pass
		Edge 1RB Right	26.77	/	/	25.09	/	/	<=30	Pass
		Outer Full	27.26	/	/	25.58	/	/	<=30	Pass
		Inner Full	26.76	/	/	25.08	/	/	<=30	Pass
		Inner 1RB Left	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Right	26.88	/	/	25.20	/	/	<=30	Pass
	3954.99	Edge 1RB Left	26.59	/	/	24.91	/	/	<=30	Pass
		Edge 1RB Right	26.29	/	/	24.61	/	/	<=30	Pass
		Outer Full	26.55	/	/	24.87	/	/	<=30	Pass

		Inner Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Left	26.61	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Right	26.40	/	/	24.72	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge 1RB Left	28.27	/	/	26.59	/	/	<=30	Pass
		Edge 1RB Right	28.54	/	/	26.86	/	/	<=30	Pass
		Outer Full	28.64	/	/	26.96	/	/	<=30	Pass
		Inner Full	28.10	/	/	26.42	/	/	<=30	Pass
		Inner 1RB Left	28.28	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	28.65	/	/	26.97	/	/	<=30	Pass
		Edge 1RB Left	26.90	/	/	25.22	/	/	<=30	Pass
	3840	Edge 1RB Right	26.73	/	/	25.05	/	/	<=30	Pass
		Outer Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Left	26.92	/	/	25.24	/	/	<=30	Pass
		Inner 1RB Right	26.85	/	/	25.17	/	/	<=30	Pass
	3954.99	Edge 1RB Left	26.50	/	/	24.82	/	/	<=30	Pass
		Edge 1RB Right	26.13	/	/	24.45	/	/	<=30	Pass
		Outer Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner Full	26.00	/	/	24.32	/	/	<=30	Pass
		Inner 1RB Left	26.51	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Right	26.24	/	/	24.56	/	/	<=30	Pass
		Edge 1RB Left	28.10	/	/	26.42	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge 1RB Right	28.40	/	/	26.72	/	/	<=30	Pass
		Outer Full	28.61	/	/	26.93	/	/	<=30	Pass
		Inner Full	28.09	/	/	26.41	/	/	<=30	Pass
		Inner 1RB Left	28.13	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Right	28.52	/	/	26.84	/	/	<=30	Pass
	3840	Edge 1RB Left	26.77	/	/	25.09	/	/	<=30	Pass
		Edge 1RB Right	26.63	/	/	24.95	/	/	<=30	Pass
		Outer Full	27.15	/	/	25.47	/	/	<=30	Pass
		Inner Full	26.74	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Left	26.81	/	/	25.13	/	/	<=30	Pass
	3954.99	Inner 1RB Right	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Right	26.30	/	/	24.62	/	/	<=30	Pass
		Outer Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner Full	26.00	/	/	24.32	/	/	<=30	Pass
		Inner 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Right	26.41	/	/	24.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	27.46	/	/	25.78	/	/	<=30	Pass
		Outer Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
	3840	Inner 1RB Right	27.59	/	/	25.91	/	/	<=30	Pass
		Edge 1RB Left	25.86	/	/	24.18	/	/	<=30	Pass
		Edge 1RB Right	25.72	/	/	24.04	/	/	<=30	Pass
		Outer Full	25.72	/	/	24.04	/	/	<=30	Pass
		Inner Full	25.76	/	/	24.08	/	/	<=30	Pass
	3954.99	Inner 1RB Left	25.90	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	25.84	/	/	24.16	/	/	<=30	Pass
		Edge 1RB Left	25.54	/	/	23.86	/	/	<=30	Pass
		Edge 1RB Right	25.19	/	/	23.51	/	/	<=30	Pass
		Outer Full	25.08	/	/	23.40	/	/	<=30	Pass
		Inner Full	25.04	/	/	23.36	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Inner 1RB Left	25.55	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Right	25.31	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Left	28.14	/	/	26.46	/	/	<=30	Pass
		Edge 1RB Right	29.09	/	/	27.41	/	/	<=30	Pass

		Outer Full	28.39	/	/	26.71	/	/	<=30	Pass
		Inner Full	28.08	/	/	26.40	/	/	<=30	Pass
		Inner 1RB Left	28.21	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	29.00	/	/	27.32	/	/	<=30	Pass
	3840	Edge 1RB Left	26.82	/	/	25.14	/	/	<=30	Pass
		Edge 1RB Right	27.59	/	/	25.91	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.68	/	/	25.00	/	/	<=30	Pass
		Inner 1RB Left	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Right	27.55	/	/	25.87	/	/	<=30	Pass
	3954.99	Edge 1RB Left	26.44	/	/	24.76	/	/	<=30	Pass
		Edge 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
		Outer Full	26.37	/	/	24.69	/	/	<=30	Pass
		Inner Full	26.00	/	/	24.32	/	/	<=30	Pass
		Inner 1RB Left	26.51	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Right	26.84	/	/	25.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge 1RB Left	28.02	/	/	26.34	/	/	<=30	Pass
		Edge 1RB Right	29.12	/	/	27.44	/	/	<=30	Pass
		Outer Full	28.47	/	/	26.79	/	/	<=30	Pass
		Inner Full	27.89	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Left	28.10	/	/	26.42	/	/	<=30	Pass
		Inner 1RB Right	29.07	/	/	27.39	/	/	<=30	Pass
	3840	Edge 1RB Left	26.80	/	/	25.12	/	/	<=30	Pass
		Edge 1RB Right	27.63	/	/	25.95	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Left	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Right	27.59	/	/	25.91	/	/	<=30	Pass
	3954.99	Edge 1RB Left	26.51	/	/	24.83	/	/	<=30	Pass
		Edge 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
		Outer Full	26.41	/	/	24.73	/	/	<=30	Pass
		Inner Full	25.92	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Left	26.58	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge 1RB Left	27.99	/	/	26.31	/	/	<=30	Pass
		Edge 1RB Right	29.11	/	/	27.43	/	/	<=30	Pass
		Outer Full	27.94	/	/	26.26	/	/	<=30	Pass
		Inner Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Left	28.05	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Right	29.03	/	/	27.35	/	/	<=30	Pass
	3840	Edge 1RB Left	26.73	/	/	25.05	/	/	<=30	Pass
		Edge 1RB Right	27.53	/	/	25.85	/	/	<=30	Pass
		Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner 1RB Left	26.78	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Right	27.49	/	/	25.81	/	/	<=30	Pass
	3954.99	Edge 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Edge 1RB Right	27.11	/	/	25.43	/	/	<=30	Pass
		Outer Full	25.93	/	/	24.25	/	/	<=30	Pass
		Inner Full	25.92	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Left	26.76	/	/	25.08	/	/	<=30	Pass
		Inner 1RB Right	27.07	/	/	25.39	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	24.36	/	/	22.68	/	/	<=30	Pass
		Edge 1RB Right	25.54	/	/	23.86	/	/	<=30	Pass
		Outer Full	23.97	/	/	22.29	/	/	<=30	Pass
		Inner Full	23.95	/	/	22.27	/	/	<=30	Pass
		Inner 1RB Left	24.41	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	25.52	/	/	23.84	/	/	<=30	Pass
	3840	Edge 1RB Left	24.24	/	/	22.56	/	/	<=30	Pass

		Edge 1RB Right	25.06	/	/	23.38	/	/	<=30	Pass
		Outer_Full	23.90	/	/	22.22	/	/	<=30	Pass
		Inner_Full	23.93	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Right	25.04	/	/	23.36	/	/	<=30	Pass
	3954.99	Edge 1RB Left	23.96	/	/	22.28	/	/	<=30	Pass
		Edge 1RB Right	24.49	/	/	22.81	/	/	<=30	Pass
		Outer_Full	23.25	/	/	21.57	/	/	<=30	Pass
		Inner_Full	23.24	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Right	24.46	/	/	22.78	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_10MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3705	Edge 1RB Left	28.71	/	/	27.03	/	/	<=30	Pass
		Edge 1RB Right	28.61	/	/	26.93	/	/	<=30	Pass
		Outer Full	28.50	/	/	26.82	/	/	<=30	Pass
		Inner Full	28.51	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Left	28.47	/	/	26.79	/	/	<=30	Pass
		Inner 1RB Right	28.71	/	/	27.03	/	/	<=30	Pass
	3840	Edge 1RB Left	27.35	/	/	25.67	/	/	<=30	Pass
		Edge 1RB Right	27.07	/	/	25.39	/	/	<=30	Pass
		Outer Full	27.13	/	/	25.45	/	/	<=30	Pass
		Inner Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Left	27.11	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Right	27.15	/	/	25.47	/	/	<=30	Pass
	3975	Edge 1RB Left	26.70	/	/	25.02	/	/	<=30	Pass
		Edge 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
		Outer Full	26.59	/	/	24.91	/	/	<=30	Pass
		Inner Full	26.50	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Left	26.53	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	26.75	/	/	25.07	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge 1RB Left	28.48	/	/	26.80	/	/	<=30	Pass
		Edge 1RB Right	28.42	/	/	26.74	/	/	<=30	Pass
		Outer Full	28.56	/	/	26.88	/	/	<=30	Pass
		Inner Full	28.45	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	28.28	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	28.50	/	/	26.82	/	/	<=30	Pass
	3840	Edge 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Edge 1RB Right	27.14	/	/	25.46	/	/	<=30	Pass
		Outer Full	27.04	/	/	25.36	/	/	<=30	Pass
		Inner Full	27.03	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Right	27.25	/	/	25.57	/	/	<=30	Pass
	3975	Edge 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Edge 1RB Right	26.64	/	/	24.96	/	/	<=30	Pass
		Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.47	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Left	26.51	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Right	26.73	/	/	25.05	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge 1RB Left	28.67	/	/	26.99	/	/	<=30	Pass
		Edge 1RB Right	28.68	/	/	27.00	/	/	<=30	Pass
		Outer Full	28.46	/	/	26.78	/	/	<=30	Pass

		Inner Full	28.38	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Left	28.53	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Right	28.72	/	/	27.04	/	/	<=30	Pass
	3840	Edge 1RB Left	27.22	/	/	25.54	/	/	<=30	Pass
		Edge 1RB Right	27.00	/	/	25.32	/	/	<=30	Pass
		Outer Full	27.06	/	/	25.38	/	/	<=30	Pass
		Inner Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Left	27.03	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Right	27.08	/	/	25.40	/	/	<=30	Pass
	3975	Edge 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Edge 1RB Right	26.68	/	/	25.00	/	/	<=30	Pass
		Outer Full	26.53	/	/	24.85	/	/	<=30	Pass
		Inner Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Left	26.54	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	26.75	/	/	25.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge 1RB Left	27.35	/	/	25.67	/	/	<=30	Pass
		Edge 1RB Right	27.29	/	/	25.61	/	/	<=30	Pass
		Outer Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner Full	27.24	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Left	27.15	/	/	25.47	/	/	<=30	Pass
		Inner 1RB Right	27.38	/	/	25.70	/	/	<=30	Pass
	3840	Edge 1RB Left	26.28	/	/	24.60	/	/	<=30	Pass
		Edge 1RB Right	26.06	/	/	24.38	/	/	<=30	Pass
		Outer Full	25.62	/	/	23.94	/	/	<=30	Pass
		Inner Full	25.99	/	/	24.31	/	/	<=30	Pass
		Inner 1RB Left	26.10	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	26.15	/	/	24.47	/	/	<=30	Pass
	3975	Edge 1RB Left	25.76	/	/	24.08	/	/	<=30	Pass
		Edge 1RB Right	25.71	/	/	24.03	/	/	<=30	Pass
		Outer Full	25.24	/	/	23.56	/	/	<=30	Pass
		Inner Full	25.58	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Left	25.58	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Right	25.84	/	/	24.16	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge 1RB Left	28.26	/	/	26.58	/	/	<=30	Pass
		Edge 1RB Right	28.37	/	/	26.69	/	/	<=30	Pass
		Outer Full	28.28	/	/	26.60	/	/	<=30	Pass
		Inner Full	28.35	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Left	28.17	/	/	26.49	/	/	<=30	Pass
		Inner 1RB Right	28.39	/	/	26.71	/	/	<=30	Pass
	3840	Edge 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge 1RB Right	27.02	/	/	25.34	/	/	<=30	Pass
		Outer Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner Full	26.93	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	27.03	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Right	27.10	/	/	25.42	/	/	<=30	Pass
	3975	Edge 1RB Left	26.52	/	/	24.84	/	/	<=30	Pass
		Edge 1RB Right	26.53	/	/	24.85	/	/	<=30	Pass
		Outer Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner Full	26.31	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Left	26.35	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Right	26.57	/	/	24.89	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge 1RB Left	28.21	/	/	26.53	/	/	<=30	Pass
		Edge 1RB Right	28.22	/	/	26.54	/	/	<=30	Pass
		Outer Full	28.37	/	/	26.69	/	/	<=30	Pass
		Inner Full	28.27	/	/	26.59	/	/	<=30	Pass
		Inner 1RB Left	28.04	/	/	26.36	/	/	<=30	Pass
		Inner 1RB Right	28.25	/	/	26.57	/	/	<=30	Pass
	3840	Edge 1RB Left	27.26	/	/	25.58	/	/	<=30	Pass
		Edge 1RB Right	27.10	/	/	25.42	/	/	<=30	Pass

		Outer_Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner_Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	27.11	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	27.17	/	/	25.49	/	/	<=30	Pass
	3975	Edge_1RB_Left	26.54	/	/	24.86	/	/	<=30	Pass
		Edge_1RB_Right	26.55	/	/	24.87	/	/	<=30	Pass
		Outer_Full	26.37	/	/	24.69	/	/	<=30	Pass
		Inner_Full	26.33	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	24.91	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge_1RB_Left	28.45	/	/	26.77	/	/	<=30	Pass
		Edge_1RB_Right	28.48	/	/	26.80	/	/	<=30	Pass
		Outer_Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner_Full	28.22	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Left	28.34	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Right	28.54	/	/	26.86	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.24	/	/	25.56	/	/	<=30	Pass
		Edge_1RB_Right	27.09	/	/	25.41	/	/	<=30	Pass
		Outer_Full	26.58	/	/	24.90	/	/	<=30	Pass
		Inner_Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	27.08	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	27.15	/	/	25.47	/	/	<=30	Pass
	3975	Edge_1RB_Left	26.66	/	/	24.98	/	/	<=30	Pass
		Edge_1RB_Right	26.66	/	/	24.98	/	/	<=30	Pass
		Outer_Full	25.94	/	/	24.26	/	/	<=30	Pass
		Inner_Full	26.28	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	26.52	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	25.04	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge_1RB_Left	24.47	/	/	22.79	/	/	<=30	Pass
		Edge_1RB_Right	24.40	/	/	22.72	/	/	<=30	Pass
		Outer_Full	23.86	/	/	22.18	/	/	<=30	Pass
		Inner_Full	24.32	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	22.86	/	/	<=30	Pass
	3840	Edge_1RB_Left	24.59	/	/	22.91	/	/	<=30	Pass
		Edge_1RB_Right	24.39	/	/	22.71	/	/	<=30	Pass
		Outer_Full	23.85	/	/	22.17	/	/	<=30	Pass
		Inner_Full	24.26	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	22.80	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.93	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	23.92	/	/	22.24	/	/	<=30	Pass
		Outer_Full	23.29	/	/	21.61	/	/	<=30	Pass
		Inner_Full	23.66	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	23.99	/	/	22.31	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_15MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3707.52	Edge_1RB_Left	28.80	/	/	27.12	/	/	<=30	Pass
		Edge_1RB_Right	29.07	/	/	27.39	/	/	<=30	Pass
		Outer_Full	28.43	/	/	26.75	/	/	<=30	Pass
		Inner_Full	28.31	/	/	26.63	/	/	<=30	Pass

		Inner 1RB Left	28.67	/	/	26.99	/	/	<=30	Pass
		Inner 1RB Right	28.87	/	/	27.19	/	/	<=30	Pass
	3840	Edge 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Edge 1RB Right	27.47	/	/	25.79	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.82	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Left	27.31	/	/	25.63	/	/	<=30	Pass
		Inner 1RB Right	27.34	/	/	25.66	/	/	<=30	Pass
	3972.48	Edge 1RB Left	26.79	/	/	25.11	/	/	<=30	Pass
		Edge 1RB Right	27.01	/	/	25.33	/	/	<=30	Pass
		Outer Full	26.41	/	/	24.73	/	/	<=30	Pass
		Inner Full	26.20	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	26.82	/	/	25.14	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge 1RB Left	28.65	/	/	26.97	/	/	<=30	Pass
		Edge 1RB Right	28.96	/	/	27.28	/	/	<=30	Pass
		Outer Full	28.48	/	/	26.80	/	/	<=30	Pass
		Inner Full	28.21	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Left	28.60	/	/	26.92	/	/	<=30	Pass
		Inner 1RB Right	28.80	/	/	27.12	/	/	<=30	Pass
	3840	Edge 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Edge 1RB Right	27.58	/	/	25.90	/	/	<=30	Pass
		Outer Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner Full	26.84	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Left	27.39	/	/	25.71	/	/	<=30	Pass
		Inner 1RB Right	27.43	/	/	25.75	/	/	<=30	Pass
	3972.48	Edge 1RB Left	26.77	/	/	25.09	/	/	<=30	Pass
		Edge 1RB Right	26.97	/	/	25.29	/	/	<=30	Pass
		Outer Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner Full	26.14	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Left	26.73	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Right	26.82	/	/	25.14	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge 1RB Left	28.68	/	/	27.00	/	/	<=30	Pass
		Edge 1RB Right	28.95	/	/	27.27	/	/	<=30	Pass
		Outer Full	28.37	/	/	26.69	/	/	<=30	Pass
		Inner Full	28.22	/	/	26.54	/	/	<=30	Pass
		Inner 1RB Left	28.61	/	/	26.93	/	/	<=30	Pass
		Inner 1RB Right	28.80	/	/	27.12	/	/	<=30	Pass
	3840	Edge 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Edge 1RB Right	27.62	/	/	25.94	/	/	<=30	Pass
		Outer Full	27.03	/	/	25.35	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	27.43	/	/	25.75	/	/	<=30	Pass
		Inner 1RB Right	27.49	/	/	25.81	/	/	<=30	Pass
	3972.48	Edge 1RB Left	26.65	/	/	24.97	/	/	<=30	Pass
		Edge 1RB Right	26.81	/	/	25.13	/	/	<=30	Pass
		Outer Full	26.35	/	/	24.67	/	/	<=30	Pass
		Inner Full	26.16	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Left	26.59	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Right	26.66	/	/	24.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Edge 1RB Left	27.45	/	/	25.77	/	/	<=30	Pass
		Edge 1RB Right	27.73	/	/	26.05	/	/	<=30	Pass
		Outer Full	26.68	/	/	25.00	/	/	<=30	Pass
		Inner Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Inner 1RB Right	27.59	/	/	25.91	/	/	<=30	Pass
	3840	Edge 1RB Left	26.42	/	/	24.74	/	/	<=30	Pass
		Edge 1RB Right	26.56	/	/	24.88	/	/	<=30	Pass
		Outer Full	25.53	/	/	23.85	/	/	<=30	Pass

		Inner Full	25.87	/	/	24.19	/	/	<=30	Pass
		Inner 1RB Left	26.36	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Right	26.39	/	/	24.71	/	/	<=30	Pass
	3972.48	Edge 1RB Left	25.79	/	/	24.11	/	/	<=30	Pass
		Edge 1RB Right	25.95	/	/	24.27	/	/	<=30	Pass
		Outer Full	24.89	/	/	23.21	/	/	<=30	Pass
		Inner Full	25.14	/	/	23.46	/	/	<=30	Pass
		Inner 1RB Left	25.71	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Right	25.81	/	/	24.13	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Edge 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Edge 1RB Right	28.66	/	/	26.98	/	/	<=30	Pass
		Outer Full	28.24	/	/	26.56	/	/	<=30	Pass
		Inner Full	28.11	/	/	26.43	/	/	<=30	Pass
		Inner 1RB Left	28.35	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Right	28.62	/	/	26.94	/	/	<=30	Pass
	3840	Edge 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Edge 1RB Right	27.41	/	/	25.73	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.77	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
	3972.48	Edge 1RB Left	26.62	/	/	24.94	/	/	<=30	Pass
		Edge 1RB Right	26.83	/	/	25.15	/	/	<=30	Pass
		Outer Full	26.27	/	/	24.59	/	/	<=30	Pass
		Inner Full	26.05	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Left	26.58	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Right	26.71	/	/	25.03	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Edge 1RB Left	28.41	/	/	26.73	/	/	<=30	Pass
		Edge 1RB Right	28.66	/	/	26.98	/	/	<=30	Pass
		Outer Full	28.26	/	/	26.58	/	/	<=30	Pass
		Inner Full	28.02	/	/	26.34	/	/	<=30	Pass
		Inner 1RB Left	28.35	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Right	28.62	/	/	26.94	/	/	<=30	Pass
	3840	Edge 1RB Left	27.39	/	/	25.71	/	/	<=30	Pass
		Edge 1RB Right	27.53	/	/	25.85	/	/	<=30	Pass
		Outer Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Inner 1RB Right	27.42	/	/	25.74	/	/	<=30	Pass
	3972.48	Edge 1RB Left	26.63	/	/	24.95	/	/	<=30	Pass
		Edge 1RB Right	26.76	/	/	25.08	/	/	<=30	Pass
		Outer Full	26.26	/	/	24.58	/	/	<=30	Pass
		Inner Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Left	26.57	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	26.68	/	/	25.00	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.52	Edge 1RB Left	28.42	/	/	26.74	/	/	<=30	Pass
		Edge 1RB Right	28.79	/	/	27.11	/	/	<=30	Pass
		Outer Full	27.79	/	/	26.11	/	/	<=30	Pass
		Inner Full	28.05	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Left	28.49	/	/	26.81	/	/	<=30	Pass
		Inner 1RB Right	28.75	/	/	27.07	/	/	<=30	Pass
	3840	Edge 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
		Edge 1RB Right	27.66	/	/	25.98	/	/	<=30	Pass
		Outer Full	26.55	/	/	24.87	/	/	<=30	Pass
		Inner Full	26.83	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	27.47	/	/	25.79	/	/	<=30	Pass
		Inner 1RB Right	27.55	/	/	25.87	/	/	<=30	Pass
	3972.48	Edge 1RB Left	26.58	/	/	24.90	/	/	<=30	Pass
		Edge 1RB Right	26.73	/	/	25.05	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	25.83	/	/	24.15	/	/	<=30	Pass	
		Inner_Full	26.04	/	/	24.36	/	/	<=30	Pass	
		Inner_1RB_Left	26.55	/	/	24.87	/	/	<=30	Pass	
		Inner_1RB_Right	26.67	/	/	24.99	/	/	<=30	Pass	
	3707.52	Edge_1RB_Left	24.56	/	/	22.88	/	/	<=30	Pass	
		Edge_1RB_Right	24.86	/	/	23.18	/	/	<=30	Pass	
		Outer_Full	23.75	/	/	22.07	/	/	<=30	Pass	
		Inner_Full	24.11	/	/	22.43	/	/	<=30	Pass	
		Inner_1RB_Left	24.49	/	/	22.81	/	/	<=30	Pass	
		Inner_1RB_Right	24.72	/	/	23.04	/	/	<=30	Pass	
		3840	Edge_1RB_Left	24.67	/	/	22.99	/	/	<=30	Pass
			Edge_1RB_Right	24.85	/	/	23.17	/	/	<=30	Pass
	Outer_Full		23.76	/	/	22.08	/	/	<=30	Pass	
	Inner_Full		24.11	/	/	22.43	/	/	<=30	Pass	
	Inner_1RB_Left		24.62	/	/	22.94	/	/	<=30	Pass	
	Inner_1RB_Right		24.72	/	/	23.04	/	/	<=30	Pass	
	3972.48		Edge_1RB_Left	23.93	/	/	22.25	/	/	<=30	Pass
			Edge_1RB_Right	24.14	/	/	22.46	/	/	<=30	Pass
		Outer_Full	23.09	/	/	21.41	/	/	<=30	Pass	
		Inner_Full	23.37	/	/	21.69	/	/	<=30	Pass	
		Inner_1RB_Left	23.89	/	/	22.21	/	/	<=30	Pass	
		Inner_1RB_Right	24.03	/	/	22.35	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.10 30k_SISO_20MHz_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 QPSK	3710.01	Edge_1RB_Left	29.13	/	/	27.45	/	/	<=30	Pass
		Edge_1RB_Right	29.47	/	/	27.79	/	/	<=30	Pass
		Outer_Full	28.65	/	/	26.97	/	/	<=30	Pass
		Inner_Full	28.41	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	29.12	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Right	29.32	/	/	27.64	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.83	/	/	26.15	/	/	<=30	Pass
		Edge_1RB_Right	27.87	/	/	26.19	/	/	<=30	Pass
		Outer_Full	27.27	/	/	25.59	/	/	<=30	Pass
		Inner_Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	27.75	/	/	26.07	/	/	<=30	Pass
		Inner_1RB_Right	27.74	/	/	26.06	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	27.06	/	/	25.38	/	/	<=30	Pass
		Edge_1RB_Right	27.37	/	/	25.69	/	/	<=30	Pass
		Outer_Full	26.60	/	/	24.92	/	/	<=30	Pass
		Inner_Full	26.29	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	27.02	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Right	27.21	/	/	25.53	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	28.88	/	/	27.20	/	/	<=30	Pass
		Edge_1RB_Right	29.22	/	/	27.54	/	/	<=30	Pass
		Outer_Full	28.68	/	/	27.00	/	/	<=30	Pass
		Inner_Full	28.29	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	28.92	/	/	27.24	/	/	<=30	Pass
		Inner_1RB_Right	29.08	/	/	27.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.64	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Right	27.98	/	/	26.30	/	/	<=30	Pass
		Outer_Full	27.20	/	/	25.52	/	/	<=30	Pass
		Inner_Full	27.01	/	/	25.33	/	/	<=30	Pass

		Inner 1RB Left	27.69	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Right	27.90	/	/	26.22	/	/	<=30	Pass
	3969.99	Edge 1RB Left	26.91	/	/	25.23	/	/	<=30	Pass
		Edge 1RB Right	27.21	/	/	25.53	/	/	<=30	Pass
		Outer Full	26.53	/	/	24.85	/	/	<=30	Pass
		Inner Full	26.23	/	/	24.55	/	/	<=30	Pass
		Inner 1RB Left	26.92	/	/	25.24	/	/	<=30	Pass
		Inner 1RB Right	27.03	/	/	25.35	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	29.07	/	/	27.39	/	/	<=30	Pass
		Edge 1RB Right	29.38	/	/	27.70	/	/	<=30	Pass
		Outer Full	28.59	/	/	26.91	/	/	<=30	Pass
		Inner Full	28.32	/	/	26.64	/	/	<=30	Pass
		Inner 1RB Left	29.10	/	/	27.42	/	/	<=30	Pass
		Inner 1RB Right	29.25	/	/	27.57	/	/	<=30	Pass
	3840	Edge 1RB Left	27.94	/	/	26.26	/	/	<=30	Pass
		Edge 1RB Right	27.84	/	/	26.16	/	/	<=30	Pass
		Outer Full	27.27	/	/	25.59	/	/	<=30	Pass
		Inner Full	27.04	/	/	25.36	/	/	<=30	Pass
		Inner 1RB Left	27.92	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Right	27.72	/	/	26.04	/	/	<=30	Pass
	3969.99	Edge 1RB Left	27.15	/	/	25.47	/	/	<=30	Pass
		Edge 1RB Right	27.38	/	/	25.70	/	/	<=30	Pass
		Outer Full	26.51	/	/	24.83	/	/	<=30	Pass
		Inner Full	26.25	/	/	24.57	/	/	<=30	Pass
		Inner 1RB Left	27.14	/	/	25.46	/	/	<=30	Pass
		Inner 1RB Right	27.25	/	/	25.57	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	27.79	/	/	26.11	/	/	<=30	Pass
		Edge 1RB Right	28.12	/	/	26.44	/	/	<=30	Pass
		Outer Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner Full	27.09	/	/	25.41	/	/	<=30	Pass
		Inner 1RB Left	27.79	/	/	26.11	/	/	<=30	Pass
		Inner 1RB Right	27.99	/	/	26.31	/	/	<=30	Pass
	3840	Edge 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Edge 1RB Right	26.99	/	/	25.31	/	/	<=30	Pass
		Outer Full	25.80	/	/	24.12	/	/	<=30	Pass
		Inner Full	25.98	/	/	24.30	/	/	<=30	Pass
		Inner 1RB Left	26.70	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Right	26.75	/	/	25.07	/	/	<=30	Pass
	3969.99	Edge 1RB Left	25.95	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Right	26.22	/	/	24.54	/	/	<=30	Pass
		Outer Full	25.08	/	/	23.40	/	/	<=30	Pass
		Inner Full	25.21	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Left	25.96	/	/	24.28	/	/	<=30	Pass
		Inner 1RB Right	26.09	/	/	24.41	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	28.61	/	/	26.93	/	/	<=30	Pass
		Edge 1RB Right	29.02	/	/	27.34	/	/	<=30	Pass
		Outer Full	28.42	/	/	26.74	/	/	<=30	Pass
		Inner Full	28.22	/	/	26.54	/	/	<=30	Pass
		Inner 1RB Left	28.67	/	/	26.99	/	/	<=30	Pass
		Inner 1RB Right	28.85	/	/	27.17	/	/	<=30	Pass
	3840	Edge 1RB Left	27.63	/	/	25.95	/	/	<=30	Pass
		Edge 1RB Right	27.81	/	/	26.13	/	/	<=30	Pass
		Outer Full	27.20	/	/	25.52	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	27.67	/	/	25.99	/	/	<=30	Pass
		Inner 1RB Right	27.67	/	/	25.99	/	/	<=30	Pass
	3969.99	Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Right	27.03	/	/	25.35	/	/	<=30	Pass
		Outer Full	26.40	/	/	24.72	/	/	<=30	Pass

1.1.11 30k_SISO_25MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3712.5	Edge 1RB Left	28.54	/	/	26.86	/	/	<=30	Pass
		Edge 1RB Right	28.91	/	/	27.23	/	/	<=30	Pass
		Outer Full	28.91	/	/	27.23	/	/	<=30	Pass
		Inner Full	28.61	/	/	26.93	/	/	<=30	Pass
		Inner 1RB Left	28.86	/	/	27.18	/	/	<=30	Pass
		Inner 1RB Right	28.96	/	/	27.28	/	/	<=30	Pass
	3840	Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	27.35	/	/	25.67	/	/	<=30	Pass
		Outer Full	27.57	/	/	25.89	/	/	<=30	Pass
		Inner Full	27.15	/	/	25.47	/	/	<=30	Pass
		Inner 1RB Left	27.51	/	/	25.83	/	/	<=30	Pass
		Inner 1RB Right	27.41	/	/	25.73	/	/	<=30	Pass
	3967.5	Edge 1RB Left	26.17	/	/	24.49	/	/	<=30	Pass
		Edge 1RB Right	26.57	/	/	24.89	/	/	<=30	Pass
		Outer Full	26.56	/	/	24.88	/	/	<=30	Pass
		Inner Full	26.18	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Left	26.48	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Right	26.59	/	/	24.91	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge 1RB Left	28.49	/	/	26.81	/	/	<=30	Pass
		Edge 1RB Right	28.88	/	/	27.20	/	/	<=30	Pass
		Outer Full	28.93	/	/	27.25	/	/	<=30	Pass
		Inner Full	28.54	/	/	26.86	/	/	<=30	Pass
		Inner 1RB Left	28.83	/	/	27.15	/	/	<=30	Pass
		Inner 1RB Right	28.94	/	/	27.26	/	/	<=30	Pass
	3840	Edge 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge 1RB Right	27.39	/	/	25.71	/	/	<=30	Pass
		Outer Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner Full	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Inner 1RB Right	27.44	/	/	25.76	/	/	<=30	Pass
	3967.5	Edge 1RB Left	26.05	/	/	24.37	/	/	<=30	Pass
		Edge 1RB Right	26.41	/	/	24.73	/	/	<=30	Pass
		Outer Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Left	26.37	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Right	26.44	/	/	24.76	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge 1RB Left	28.34	/	/	26.66	/	/	<=30	Pass
		Edge 1RB Right	28.72	/	/	27.04	/	/	<=30	Pass
		Outer Full	28.88	/	/	27.20	/	/	<=30	Pass
		Inner Full	28.51	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Left	28.65	/	/	26.97	/	/	<=30	Pass
		Inner 1RB Right	28.78	/	/	27.10	/	/	<=30	Pass
	3840	Edge 1RB Left	27.05	/	/	25.37	/	/	<=30	Pass
		Edge 1RB Right	27.44	/	/	25.76	/	/	<=30	Pass
		Outer Full	27.51	/	/	25.83	/	/	<=30	Pass
		Inner Full	27.13	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Inner 1RB Right	27.49	/	/	25.81	/	/	<=30	Pass
	3967.5	Edge 1RB Left	26.29	/	/	24.61	/	/	<=30	Pass
		Edge 1RB Right	26.62	/	/	24.94	/	/	<=30	Pass
		Outer Full	26.50	/	/	24.82	/	/	<=30	Pass
		Inner Full	26.15	/	/	24.47	/	/	<=30	Pass

		Inner 1RB Left	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge 1RB Left	27.34	/	/	25.66	/	/	<=30	Pass
		Edge 1RB Right	27.75	/	/	26.07	/	/	<=30	Pass
		Outer Full	27.29	/	/	25.61	/	/	<=30	Pass
		Inner Full	27.36	/	/	25.68	/	/	<=30	Pass
		Inner 1RB Left	27.69	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass
	3840	Edge 1RB Left	26.08	/	/	24.40	/	/	<=30	Pass
		Edge 1RB Right	26.31	/	/	24.63	/	/	<=30	Pass
		Outer Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner Full	26.12	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Left	26.42	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	26.37	/	/	24.69	/	/	<=30	Pass
	3967.5	Edge 1RB Left	25.08	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Right	25.45	/	/	23.77	/	/	<=30	Pass
		Outer Full	25.06	/	/	23.38	/	/	<=30	Pass
		Inner Full	25.14	/	/	23.46	/	/	<=30	Pass
		Inner 1RB Left	25.42	/	/	23.74	/	/	<=30	Pass
		Inner 1RB Right	25.49	/	/	23.81	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge 1RB Left	28.32	/	/	26.64	/	/	<=30	Pass
		Edge 1RB Right	28.71	/	/	27.03	/	/	<=30	Pass
		Outer Full	28.64	/	/	26.96	/	/	<=30	Pass
		Inner Full	28.45	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	28.65	/	/	26.97	/	/	<=30	Pass
		Inner 1RB Right	28.69	/	/	27.01	/	/	<=30	Pass
	3840	Edge 1RB Left	26.98	/	/	25.30	/	/	<=30	Pass
		Edge 1RB Right	27.12	/	/	25.44	/	/	<=30	Pass
		Outer Full	27.32	/	/	25.64	/	/	<=30	Pass
		Inner Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Left	27.30	/	/	25.62	/	/	<=30	Pass
		Inner 1RB Right	27.15	/	/	25.47	/	/	<=30	Pass
	3967.5	Edge 1RB Left	25.94	/	/	24.26	/	/	<=30	Pass
		Edge 1RB Right	26.33	/	/	24.65	/	/	<=30	Pass
		Outer Full	26.32	/	/	24.64	/	/	<=30	Pass
		Inner Full	26.07	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Left	26.28	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Right	26.31	/	/	24.63	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge 1RB Left	28.26	/	/	26.58	/	/	<=30	Pass
		Edge 1RB Right	28.66	/	/	26.98	/	/	<=30	Pass
		Outer Full	28.73	/	/	27.05	/	/	<=30	Pass
		Inner Full	28.37	/	/	26.69	/	/	<=30	Pass
		Inner 1RB Left	28.57	/	/	26.89	/	/	<=30	Pass
		Inner 1RB Right	28.64	/	/	26.96	/	/	<=30	Pass
	3840	Edge 1RB Left	27.06	/	/	25.38	/	/	<=30	Pass
		Edge 1RB Right	27.29	/	/	25.61	/	/	<=30	Pass
		Outer Full	27.27	/	/	25.59	/	/	<=30	Pass
		Inner Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	27.39	/	/	25.71	/	/	<=30	Pass
	3967.5	Edge 1RB Left	25.94	/	/	24.26	/	/	<=30	Pass
		Edge 1RB Right	26.27	/	/	24.59	/	/	<=30	Pass
		Outer Full	26.34	/	/	24.66	/	/	<=30	Pass
		Inner Full	26.07	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Left	26.27	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Right	26.27	/	/	24.59	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge 1RB Left	28.31	/	/	26.63	/	/	<=30	Pass
		Edge 1RB Right	28.69	/	/	27.01	/	/	<=30	Pass
		Outer Full	28.27	/	/	26.59	/	/	<=30	Pass

		Inner_Full	28.41	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	28.60	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Right	28.66	/	/	26.98	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.22	/	/	25.54	/	/	<=30	Pass
		Edge_1RB_Right	27.42	/	/	25.74	/	/	<=30	Pass
		Outer_Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner_Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Left	27.56	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Right	27.45	/	/	25.77	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	26.29	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	26.59	/	/	24.91	/	/	<=30	Pass
		Outer_Full	25.92	/	/	24.24	/	/	<=30	Pass
		Inner_Full	26.08	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	26.62	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	26.60	/	/	24.92	/	/	<=30	Pass
CP-OFDM 256 QAM	3712.5	Edge_1RB_Left	24.36	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	24.76	/	/	23.08	/	/	<=30	Pass
		Outer_Full	24.30	/	/	22.62	/	/	<=30	Pass
		Inner_Full	24.46	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	23.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	24.29	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Right	24.48	/	/	22.80	/	/	<=30	Pass
		Outer_Full	24.12	/	/	22.44	/	/	<=30	Pass
		Inner_Full	24.28	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	22.88	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	23.33	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	22.06	/	/	<=30	Pass
		Outer_Full	23.21	/	/	21.53	/	/	<=30	Pass
		Inner_Full	23.40	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	22.08	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_30MHz_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 QPSK	3715.02	Edge 1RB Left	29.25	/	/	27.57	/	/	<=30	Pass
		Edge 1RB Right	29.37	/	/	27.69	/	/	<=30	Pass
		Outer Full	28.59	/	/	26.91	/	/	<=30	Pass
		Inner Full	28.35	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Left	29.12	/	/	27.44	/	/	<=30	Pass
		Inner 1RB Right	29.44	/	/	27.76	/	/	<=30	Pass
	3840	Edge 1RB Left	27.91	/	/	26.23	/	/	<=30	Pass
		Edge 1RB Right	27.65	/	/	25.97	/	/	<=30	Pass
		Outer Full	27.21	/	/	25.53	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	27.78	/	/	26.10	/	/	<=30	Pass
		Inner 1RB Right	27.78	/	/	26.10	/	/	<=30	Pass
	3964.98	Edge 1RB Left	27.07	/	/	25.39	/	/	<=30	Pass
		Edge 1RB Right	26.95	/	/	25.27	/	/	<=30	Pass
		Outer Full	26.33	/	/	24.65	/	/	<=30	Pass
		Inner Full	26.04	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Left	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Right	26.95	/	/	25.27	/	/	<=30	Pass

		Inner 1RB Right	27.01	/	/	25.33	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	29.12	/	/	27.44	/	/	<=30	Pass
		Edge 1RB Right	29.30	/	/	27.62	/	/	<=30	Pass
		Outer Full	28.62	/	/	26.94	/	/	<=30	Pass
		Inner Full	28.27	/	/	26.59	/	/	<=30	Pass
		Inner 1RB Left	29.00	/	/	27.32	/	/	<=30	Pass
		Inner 1RB Right	29.35	/	/	27.67	/	/	<=30	Pass
	3840	Edge 1RB Left	27.77	/	/	26.09	/	/	<=30	Pass
		Edge 1RB Right	27.56	/	/	25.88	/	/	<=30	Pass
		Outer Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	27.65	/	/	25.97	/	/	<=30	Pass
		Inner 1RB Right	27.63	/	/	25.95	/	/	<=30	Pass
	3964.98	Edge 1RB Left	27.12	/	/	25.44	/	/	<=30	Pass
		Edge 1RB Right	26.93	/	/	25.25	/	/	<=30	Pass
		Outer Full	26.28	/	/	24.60	/	/	<=30	Pass
		Inner Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Left	27.00	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Right	26.99	/	/	25.31	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	29.12	/	/	27.44	/	/	<=30	Pass
		Edge 1RB Right	29.32	/	/	27.64	/	/	<=30	Pass
		Outer Full	28.57	/	/	26.89	/	/	<=30	Pass
		Inner Full	28.26	/	/	26.58	/	/	<=30	Pass
		Inner 1RB Left	29.02	/	/	27.34	/	/	<=30	Pass
		Inner 1RB Right	29.36	/	/	27.68	/	/	<=30	Pass
	3840	Edge 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass
		Edge 1RB Right	27.81	/	/	26.13	/	/	<=30	Pass
		Outer Full	27.15	/	/	25.47	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	27.88	/	/	26.20	/	/	<=30	Pass
		Inner 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
	3964.98	Edge 1RB Left	26.98	/	/	25.30	/	/	<=30	Pass
		Edge 1RB Right	26.80	/	/	25.12	/	/	<=30	Pass
		Outer Full	26.32	/	/	24.64	/	/	<=30	Pass
		Inner Full	26.04	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Left	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Right	26.85	/	/	25.17	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge 1RB Left	27.96	/	/	26.28	/	/	<=30	Pass
		Edge 1RB Right	28.15	/	/	26.47	/	/	<=30	Pass
		Outer Full	26.91	/	/	25.23	/	/	<=30	Pass
		Inner Full	27.07	/	/	25.39	/	/	<=30	Pass
		Inner 1RB Left	27.84	/	/	26.16	/	/	<=30	Pass
		Inner 1RB Right	28.19	/	/	26.51	/	/	<=30	Pass
	3840	Edge 1RB Left	26.83	/	/	25.15	/	/	<=30	Pass
		Edge 1RB Right	26.63	/	/	24.95	/	/	<=30	Pass
		Outer Full	25.65	/	/	23.97	/	/	<=30	Pass
		Inner Full	25.86	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
	3964.98	Edge 1RB Left	26.08	/	/	24.40	/	/	<=30	Pass
		Edge 1RB Right	25.92	/	/	24.24	/	/	<=30	Pass
		Outer Full	24.84	/	/	23.16	/	/	<=30	Pass
		Inner Full	25.04	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Left	26.03	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Right	26.03	/	/	24.35	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge 1RB Left	28.77	/	/	27.09	/	/	<=30	Pass
		Edge 1RB Right	28.98	/	/	27.30	/	/	<=30	Pass
		Outer Full	28.42	/	/	26.74	/	/	<=30	Pass
		Inner Full	28.20	/	/	26.52	/	/	<=30	Pass

		Inner 1RB Left	28.69	/	/	27.01	/	/	<=30	Pass
		Inner 1RB Right	29.07	/	/	27.39	/	/	<=30	Pass
	3840	Edge 1RB Left	27.60	/	/	25.92	/	/	<=30	Pass
		Edge 1RB Right	27.39	/	/	25.71	/	/	<=30	Pass
		Outer Full	27.06	/	/	25.38	/	/	<=30	Pass
		Inner Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Right	27.48	/	/	25.80	/	/	<=30	Pass
	3964.98	Edge 1RB Left	26.95	/	/	25.27	/	/	<=30	Pass
		Edge 1RB Right	26.81	/	/	25.13	/	/	<=30	Pass
		Outer Full	26.22	/	/	24.54	/	/	<=30	Pass
		Inner Full	25.95	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Left	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge 1RB Left	28.79	/	/	27.11	/	/	<=30	Pass
		Edge 1RB Right	29.07	/	/	27.39	/	/	<=30	Pass
		Outer Full	28.49	/	/	26.81	/	/	<=30	Pass
		Inner Full	28.11	/	/	26.43	/	/	<=30	Pass
		Inner 1RB Left	28.73	/	/	27.05	/	/	<=30	Pass
		Inner 1RB Right	29.15	/	/	27.47	/	/	<=30	Pass
	3840	Edge 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Edge 1RB Right	27.39	/	/	25.71	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.74	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Left	27.45	/	/	25.77	/	/	<=30	Pass
		Inner 1RB Right	27.49	/	/	25.81	/	/	<=30	Pass
	3964.98	Edge 1RB Left	26.98	/	/	25.30	/	/	<=30	Pass
		Edge 1RB Right	26.81	/	/	25.13	/	/	<=30	Pass
		Outer Full	26.24	/	/	24.56	/	/	<=30	Pass
		Inner Full	25.95	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Left	26.90	/	/	25.22	/	/	<=30	Pass
		Inner 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge 1RB Left	28.89	/	/	27.21	/	/	<=30	Pass
		Edge 1RB Right	29.18	/	/	27.50	/	/	<=30	Pass
		Outer Full	27.98	/	/	26.30	/	/	<=30	Pass
		Inner Full	28.25	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Left	28.87	/	/	27.19	/	/	<=30	Pass
		Inner 1RB Right	29.25	/	/	27.57	/	/	<=30	Pass
	3840	Edge 1RB Left	27.86	/	/	26.18	/	/	<=30	Pass
		Edge 1RB Right	27.71	/	/	26.03	/	/	<=30	Pass
		Outer Full	26.59	/	/	24.91	/	/	<=30	Pass
		Inner Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	27.76	/	/	26.08	/	/	<=30	Pass
		Inner 1RB Right	27.81	/	/	26.13	/	/	<=30	Pass
	3964.98	Edge 1RB Left	26.96	/	/	25.28	/	/	<=30	Pass
		Edge 1RB Right	26.78	/	/	25.10	/	/	<=30	Pass
		Outer Full	25.78	/	/	24.10	/	/	<=30	Pass
		Inner Full	25.99	/	/	24.31	/	/	<=30	Pass
		Inner 1RB Left	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Right	26.88	/	/	25.20	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge 1RB Left	25.21	/	/	23.53	/	/	<=30	Pass
		Edge 1RB Right	25.39	/	/	23.71	/	/	<=30	Pass
		Outer Full	24.06	/	/	22.38	/	/	<=30	Pass
		Inner Full	24.17	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	25.08	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Right	25.46	/	/	23.78	/	/	<=30	Pass
	3840	Edge 1RB Left	25.05	/	/	23.37	/	/	<=30	Pass
		Edge 1RB Right	24.85	/	/	23.17	/	/	<=30	Pass
		Outer Full	23.85	/	/	22.17	/	/	<=30	Pass

		Inner_Full	24.02	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Right	24.95	/	/	23.27	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	24.36	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	24.22	/	/	22.54	/	/	<=30	Pass
		Outer_Full	23.07	/	/	21.39	/	/	<=30	Pass
		Inner_Full	23.24	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	22.62	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.13 30k_SISO_40MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3720	Edge 1RB Left	29.74	/	/	28.06	/	/	<=30	Pass
		Edge 1RB Right	29.62	/	/	27.94	/	/	<=30	Pass
		Outer Full	28.76	/	/	27.08	/	/	<=30	Pass
		Inner Full	28.32	/	/	26.64	/	/	<=30	Pass
		Inner 1RB Left	29.66	/	/	27.98	/	/	<=30	Pass
		Inner 1RB Right	29.71	/	/	28.03	/	/	<=30	Pass
	3840	Edge 1RB Left	28.19	/	/	26.51	/	/	<=30	Pass
		Edge 1RB Right	27.94	/	/	26.26	/	/	<=30	Pass
		Outer Full	27.35	/	/	25.67	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	28.10	/	/	26.42	/	/	<=30	Pass
		Inner 1RB Right	28.04	/	/	26.36	/	/	<=30	Pass
	3960	Edge 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
		Edge 1RB Right	27.29	/	/	25.61	/	/	<=30	Pass
		Outer Full	26.42	/	/	24.74	/	/	<=30	Pass
		Inner Full	25.94	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Left	27.39	/	/	25.71	/	/	<=30	Pass
		Inner 1RB Right	27.40	/	/	25.72	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge 1RB Left	29.45	/	/	27.77	/	/	<=30	Pass
		Edge 1RB Right	29.48	/	/	27.80	/	/	<=30	Pass
		Outer Full	28.76	/	/	27.08	/	/	<=30	Pass
		Inner Full	28.21	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Left	29.39	/	/	27.71	/	/	<=30	Pass
		Inner 1RB Right	29.58	/	/	27.90	/	/	<=30	Pass
	3840	Edge 1RB Left	28.05	/	/	26.37	/	/	<=30	Pass
		Edge 1RB Right	27.99	/	/	26.31	/	/	<=30	Pass
		Outer Full	27.23	/	/	25.55	/	/	<=30	Pass
		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	27.94	/	/	26.26	/	/	<=30	Pass
		Inner 1RB Right	28.11	/	/	26.43	/	/	<=30	Pass
	3960	Edge 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Edge 1RB Right	27.22	/	/	25.54	/	/	<=30	Pass
		Outer Full	26.35	/	/	24.67	/	/	<=30	Pass
		Inner Full	25.91	/	/	24.23	/	/	<=30	Pass
		Inner 1RB Left	27.39	/	/	25.71	/	/	<=30	Pass
		Inner 1RB Right	27.32	/	/	25.64	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge 1RB Left	29.62	/	/	27.94	/	/	<=30	Pass
		Edge 1RB Right	29.67	/	/	27.99	/	/	<=30	Pass
		Outer Full	28.69	/	/	27.01	/	/	<=30	Pass
		Inner Full	28.23	/	/	26.55	/	/	<=30	Pass
		Inner 1RB Left	29.57	/	/	27.89	/	/	<=30	Pass

		3840	Inner 1RB Right	29.76	/	/	28.08	/	/	<=30	Pass
			Edge 1RB Left	28.25	/	/	26.57	/	/	<=30	Pass
			Edge 1RB Right	27.84	/	/	26.16	/	/	<=30	Pass
			Outer_Full	27.25	/	/	25.57	/	/	<=30	Pass
			Inner_Full	26.84	/	/	25.16	/	/	<=30	Pass
			Inner 1RB Left	28.18	/	/	26.50	/	/	<=30	Pass
			Inner 1RB Right	27.96	/	/	26.28	/	/	<=30	Pass
		3960	Edge 1RB Left	27.53	/	/	25.85	/	/	<=30	Pass
			Edge 1RB Right	27.27	/	/	25.59	/	/	<=30	Pass
			Outer_Full	26.35	/	/	24.67	/	/	<=30	Pass
			Inner_Full	25.90	/	/	24.22	/	/	<=30	Pass
			Inner 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
			Inner 1RB Right	27.36	/	/	25.68	/	/	<=30	Pass
			Edge 1RB Left	28.43	/	/	26.75	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Right	28.44	/	/	26.76	/	/	<=30	Pass	
		Outer_Full	27.10	/	/	25.42	/	/	<=30	Pass	
		Inner_Full	27.06	/	/	25.38	/	/	<=30	Pass	
		Inner 1RB Left	28.37	/	/	26.69	/	/	<=30	Pass	
		Inner 1RB Right	28.54	/	/	26.86	/	/	<=30	Pass	
		Edge 1RB Left	27.11	/	/	25.43	/	/	<=30	Pass	
		Edge 1RB Right	27.01	/	/	25.33	/	/	<=30	Pass	
	3840	Outer_Full	25.80	/	/	24.12	/	/	<=30	Pass	
		Inner_Full	25.87	/	/	24.19	/	/	<=30	Pass	
		Inner 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass	
		Inner 1RB Right	27.13	/	/	25.45	/	/	<=30	Pass	
		Edge 1RB Left	26.47	/	/	24.79	/	/	<=30	Pass	
		Edge 1RB Right	26.23	/	/	24.55	/	/	<=30	Pass	
		Outer_Full	24.93	/	/	23.25	/	/	<=30	Pass	
	3960	Inner_Full	24.92	/	/	23.24	/	/	<=30	Pass	
		Inner 1RB Left	26.38	/	/	24.70	/	/	<=30	Pass	
		Inner 1RB Right	26.33	/	/	24.65	/	/	<=30	Pass	
		Edge 1RB Left	29.12	/	/	27.44	/	/	<=30	Pass	
		Edge 1RB Right	29.09	/	/	27.41	/	/	<=30	Pass	
		Outer_Full	28.63	/	/	26.95	/	/	<=30	Pass	
		Inner_Full	28.18	/	/	26.50	/	/	<=30	Pass	
CP-OFDM QPSK	3720	Inner 1RB Left	29.11	/	/	27.43	/	/	<=30	Pass	
		Inner 1RB Right	29.22	/	/	27.54	/	/	<=30	Pass	
		Edge 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass	
		Edge 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass	
		Outer_Full	27.26	/	/	25.58	/	/	<=30	Pass	
		Inner_Full	26.79	/	/	25.11	/	/	<=30	Pass	
	3840	Inner 1RB Left	27.97	/	/	26.29	/	/	<=30	Pass	
		Inner 1RB Right	27.92	/	/	26.24	/	/	<=30	Pass	
		Edge 1RB Left	27.23	/	/	25.55	/	/	<=30	Pass	
		Edge 1RB Right	27.03	/	/	25.35	/	/	<=30	Pass	
		Outer_Full	26.35	/	/	24.67	/	/	<=30	Pass	
		Inner_Full	25.84	/	/	24.16	/	/	<=30	Pass	
	3960	Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass	
		Inner 1RB Right	27.10	/	/	25.42	/	/	<=30	Pass	
Edge 1RB Left		28.99	/	/	27.31	/	/	<=30	Pass		
Edge 1RB Right		29.09	/	/	27.41	/	/	<=30	Pass		
Outer_Full		28.66	/	/	26.98	/	/	<=30	Pass		
Inner_Full		28.11	/	/	26.43	/	/	<=30	Pass		
CP-OFDM 16 QAM	3720	Inner 1RB Left	28.97	/	/	27.29	/	/	<=30	Pass	
		Inner 1RB Right	29.21	/	/	27.53	/	/	<=30	Pass	
		Edge 1RB Left	28.03	/	/	26.35	/	/	<=30	Pass	
		Edge 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass	
		Outer_Full	27.24	/	/	25.56	/	/	<=30	Pass	
		Inner_Full	26.86	/	/	25.18	/	/	<=30	Pass	

		Inner 1RB Left	27.79	/	/	26.11	/	/	<=30	Pass
		Inner 1RB Right	27.99	/	/	26.31	/	/	<=30	Pass
	3960	Edge 1RB Left	27.34	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Right	27.06	/	/	25.38	/	/	<=30	Pass
		Outer_Full	26.33	/	/	24.65	/	/	<=30	Pass
		Inner_Full	25.85	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Right	27.17	/	/	25.49	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge 1RB Left	29.34	/	/	27.66	/	/	<=30	Pass
		Edge 1RB Right	29.44	/	/	27.76	/	/	<=30	Pass
		Outer_Full	28.21	/	/	26.53	/	/	<=30	Pass
		Inner_Full	28.15	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Left	29.29	/	/	27.61	/	/	<=30	Pass
		Inner 1RB Right	29.52	/	/	27.84	/	/	<=30	Pass
	3840	Edge 1RB Left	28.19	/	/	26.51	/	/	<=30	Pass
		Edge 1RB Right	27.86	/	/	26.18	/	/	<=30	Pass
		Outer_Full	26.84	/	/	25.16	/	/	<=30	Pass
		Inner_Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	28.13	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Right	27.99	/	/	26.31	/	/	<=30	Pass
	3960	Edge 1RB Left	27.47	/	/	25.79	/	/	<=30	Pass
		Edge 1RB Right	27.17	/	/	25.49	/	/	<=30	Pass
		Outer_Full	25.89	/	/	24.21	/	/	<=30	Pass
		Inner_Full	25.83	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Left	27.41	/	/	25.73	/	/	<=30	Pass
		Inner 1RB Right	27.27	/	/	25.59	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge 1RB Left	25.65	/	/	23.97	/	/	<=30	Pass
		Edge 1RB Right	25.64	/	/	23.96	/	/	<=30	Pass
		Outer_Full	24.30	/	/	22.62	/	/	<=30	Pass
		Inner_Full	24.17	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	25.59	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Right	25.73	/	/	24.05	/	/	<=30	Pass
	3840	Edge 1RB Left	25.45	/	/	23.77	/	/	<=30	Pass
		Edge 1RB Right	25.25	/	/	23.57	/	/	<=30	Pass
		Outer_Full	24.14	/	/	22.46	/	/	<=30	Pass
		Inner_Full	24.16	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Right	25.36	/	/	23.68	/	/	<=30	Pass
	3960	Edge 1RB Left	24.76	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Right	24.53	/	/	22.85	/	/	<=30	Pass
		Outer_Full	23.20	/	/	21.52	/	/	<=30	Pass
		Inner_Full	23.12	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Left	24.65	/	/	22.97	/	/	<=30	Pass
		Inner 1RB Right	24.63	/	/	22.95	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.14 30k_SISO_50MHz_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 QPSK	3725.01	Edge 1RB Left	28.96	/	/	27.28	/	/	<=30	Pass
		Edge 1RB Right	29.25	/	/	27.57	/	/	<=30	Pass
		Outer Full	29.12	/	/	27.44	/	/	<=30	Pass
		Inner Full	28.60	/	/	26.92	/	/	<=30	Pass
		Inner 1RB Left	29.01	/	/	27.33	/	/	<=30	Pass
		Inner 1RB Right	29.45	/	/	27.77	/	/	<=30	Pass

	3840	Edge_1RB_Left	27.29	/	/	25.61	/	/	<=30	Pass
		Edge_1RB_Right	27.32	/	/	25.64	/	/	<=30	Pass
		Outer_Full	27.41	/	/	25.73	/	/	<=30	Pass
		Inner_Full	26.98	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	27.37	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Right	27.52	/	/	25.84	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	26.94	/	/	25.26	/	/	<=30	Pass
		Edge_1RB_Right	26.79	/	/	25.11	/	/	<=30	Pass
		Outer_Full	26.78	/	/	25.10	/	/	<=30	Pass
		Inner_Full	26.28	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	26.96	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	26.96	/	/	25.28	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	28.76	/	/	27.08	/	/	<=30	Pass
		Edge_1RB_Right	29.20	/	/	27.52	/	/	<=30	Pass
		Outer_Full	29.09	/	/	27.41	/	/	<=30	Pass
		Inner_Full	28.51	/	/	26.83	/	/	<=30	Pass
		Inner_1RB_Left	28.92	/	/	27.24	/	/	<=30	Pass
		Inner_1RB_Right	29.37	/	/	27.69	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.34	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Right	27.35	/	/	25.67	/	/	<=30	Pass
		Outer_Full	27.37	/	/	25.69	/	/	<=30	Pass
		Inner_Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	27.37	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Right	27.55	/	/	25.87	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	26.82	/	/	25.14	/	/	<=30	Pass
		Edge_1RB_Right	26.63	/	/	24.95	/	/	<=30	Pass
		Outer_Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner_Full	26.23	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Left	26.85	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	26.80	/	/	25.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	28.94	/	/	27.26	/	/	<=30	Pass
		Edge_1RB_Right	29.38	/	/	27.70	/	/	<=30	Pass
		Outer_Full	29.03	/	/	27.35	/	/	<=30	Pass
		Inner_Full	28.53	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Left	28.97	/	/	27.29	/	/	<=30	Pass
		Inner_1RB_Right	29.55	/	/	27.87	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge_1RB_Right	27.42	/	/	25.74	/	/	<=30	Pass
		Outer_Full	27.38	/	/	25.70	/	/	<=30	Pass
		Inner_Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Left	27.24	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Right	27.62	/	/	25.94	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	27.06	/	/	25.38	/	/	<=30	Pass
		Edge_1RB_Right	26.84	/	/	25.16	/	/	<=30	Pass
		Outer_Full	26.71	/	/	25.03	/	/	<=30	Pass
		Inner_Full	26.25	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	27.11	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	27.02	/	/	25.34	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	27.76	/	/	26.08	/	/	<=30	Pass
		Edge_1RB_Right	28.22	/	/	26.54	/	/	<=30	Pass
		Outer_Full	27.56	/	/	25.88	/	/	<=30	Pass
		Inner_Full	27.46	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Left	27.79	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Right	28.40	/	/	26.72	/	/	<=30	Pass
	3840	Edge_1RB_Left	26.31	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	26.37	/	/	24.69	/	/	<=30	Pass
		Outer_Full	25.98	/	/	24.30	/	/	<=30	Pass
		Inner_Full	26.04	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	24.66	/	/	<=30	Pass

	3954.99	Inner 1RB Right	26.57	/	/	24.89	/	/	<=30	Pass
		Edge 1RB Left	25.87	/	/	24.19	/	/	<=30	Pass
		Edge 1RB Right	25.70	/	/	24.02	/	/	<=30	Pass
		Outer Full	25.30	/	/	23.62	/	/	<=30	Pass
		Inner Full	25.25	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Left	25.90	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	25.88	/	/	24.20	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge 1RB Left	28.54	/	/	26.86	/	/	<=30	Pass
		Edge 1RB Right	28.91	/	/	27.23	/	/	<=30	Pass
		Outer Full	28.87	/	/	27.19	/	/	<=30	Pass
		Inner Full	28.36	/	/	26.68	/	/	<=30	Pass
		Inner 1RB Left	28.65	/	/	26.97	/	/	<=30	Pass
		Inner 1RB Right	29.01	/	/	27.33	/	/	<=30	Pass
	3840	Edge 1RB Left	27.17	/	/	25.49	/	/	<=30	Pass
		Edge 1RB Right	27.15	/	/	25.47	/	/	<=30	Pass
		Outer Full	27.35	/	/	25.67	/	/	<=30	Pass
		Inner Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Inner 1RB Right	27.45	/	/	25.77	/	/	<=30	Pass
	3954.99	Edge 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Right	26.46	/	/	24.78	/	/	<=30	Pass
		Outer Full	26.61	/	/	24.93	/	/	<=30	Pass
		Inner Full	26.10	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Inner 1RB Right	26.66	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Left	28.51	/	/	26.83	/	/	<=30	Pass
		Edge 1RB Right	28.98	/	/	27.30	/	/	<=30	Pass
		Outer Full	28.86	/	/	27.18	/	/	<=30	Pass
		Inner Full	28.33	/	/	26.65	/	/	<=30	Pass
		Inner 1RB Left	28.56	/	/	26.88	/	/	<=30	Pass
	3840	Inner 1RB Right	29.20	/	/	27.52	/	/	<=30	Pass
		Edge 1RB Left	27.27	/	/	25.59	/	/	<=30	Pass
		Edge 1RB Right	27.30	/	/	25.62	/	/	<=30	Pass
		Outer Full	27.31	/	/	25.63	/	/	<=30	Pass
		Inner Full	26.93	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	27.31	/	/	25.63	/	/	<=30	Pass
	3954.99	Inner 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
		Edge 1RB Left	26.65	/	/	24.97	/	/	<=30	Pass
		Edge 1RB Right	26.38	/	/	24.70	/	/	<=30	Pass
		Outer Full	26.58	/	/	24.90	/	/	<=30	Pass
		Inner Full	26.11	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Left	26.69	/	/	25.01	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Inner 1RB Right	26.59	/	/	24.91	/	/	<=30	Pass
		Edge 1RB Left	28.48	/	/	26.80	/	/	<=30	Pass
		Edge 1RB Right	28.94	/	/	27.26	/	/	<=30	Pass
		Outer Full	28.41	/	/	26.73	/	/	<=30	Pass
		Inner Full	28.51	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Left	28.55	/	/	26.87	/	/	<=30	Pass
	3840	Inner 1RB Right	29.24	/	/	27.56	/	/	<=30	Pass
		Edge 1RB Left	27.22	/	/	25.54	/	/	<=30	Pass
		Edge 1RB Right	27.43	/	/	25.75	/	/	<=30	Pass
		Outer Full	26.90	/	/	25.22	/	/	<=30	Pass
		Inner Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Left	27.26	/	/	25.58	/	/	<=30	Pass
	3954.99	Inner 1RB Right	27.65	/	/	25.97	/	/	<=30	Pass
		Edge 1RB Left	26.97	/	/	25.29	/	/	<=30	Pass
		Edge 1RB Right	26.67	/	/	24.99	/	/	<=30	Pass
		Outer Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner Full	26.12	/	/	24.44	/	/	<=30	Pass

		Inner 1RB Left	27.03	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	24.91	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	25.32	/	/	23.64	/	/	<=30	Pass
		Outer Full	24.63	/	/	22.95	/	/	<=30	Pass
		Inner_Full	24.46	/	/	22.78	/	/	<=30	Pass
		Inner 1RB Left	24.94	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Right	25.52	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Left	24.58	/	/	22.90	/	/	<=30	Pass
		Edge 1RB Right	24.65	/	/	22.97	/	/	<=30	Pass
	3840	Outer_Full	24.19	/	/	22.51	/	/	<=30	Pass
		Inner_Full	24.21	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	22.94	/	/	<=30	Pass
		Inner 1RB Right	24.88	/	/	23.20	/	/	<=30	Pass
		Edge 1RB Left	24.09	/	/	22.41	/	/	<=30	Pass
		Edge 1RB Right	23.93	/	/	22.25	/	/	<=30	Pass
	3954.99	Outer_Full	23.47	/	/	21.79	/	/	<=30	Pass
		Inner_Full	23.41	/	/	21.73	/	/	<=30	Pass
		Inner 1RB Left	24.14	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Right	24.14	/	/	22.46	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.15 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 QPSK	3730.02	Edge 1RB Left	28.64	/	/	26.96	/	/	<=30	Pass
		Edge 1RB Right	28.32	/	/	26.64	/	/	<=30	Pass
		Outer Full	28.38	/	/	26.70	/	/	<=30	Pass
		Inner Full	28.25	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Left	28.53	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Right	28.41	/	/	26.73	/	/	<=30	Pass
	3840	Edge 1RB Left	27.17	/	/	25.49	/	/	<=30	Pass
		Edge 1RB Right	26.82	/	/	25.14	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Left	27.12	/	/	25.44	/	/	<=30	Pass
		Inner 1RB Right	26.95	/	/	25.27	/	/	<=30	Pass
	3949.98	Edge 1RB Left	26.62	/	/	24.94	/	/	<=30	Pass
		Edge 1RB Right	26.24	/	/	24.56	/	/	<=30	Pass
		Outer Full	26.22	/	/	24.54	/	/	<=30	Pass
		Inner Full	26.06	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Left	26.54	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	26.28	/	/	24.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge 1RB Left	28.50	/	/	26.82	/	/	<=30	Pass
		Edge 1RB Right	28.40	/	/	26.72	/	/	<=30	Pass
		Outer Full	28.36	/	/	26.68	/	/	<=30	Pass
		Inner Full	28.23	/	/	26.55	/	/	<=30	Pass
		Inner 1RB Left	28.45	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Right	28.45	/	/	26.77	/	/	<=30	Pass
	3840	Edge 1RB Left	27.13	/	/	25.45	/	/	<=30	Pass
		Edge 1RB Right	26.75	/	/	25.07	/	/	<=30	Pass
		Outer Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Inner 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass

	3949.98	Edge 1RB Left	26.49	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Right	26.06	/	/	24.38	/	/	<=30	Pass
		Outer Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Left	26.42	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	26.11	/	/	24.43	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge 1RB Left	28.50	/	/	26.82	/	/	<=30	Pass
		Edge 1RB Right	28.44	/	/	26.76	/	/	<=30	Pass
		Outer Full	28.32	/	/	26.64	/	/	<=30	Pass
		Inner Full	28.23	/	/	26.55	/	/	<=30	Pass
		Inner 1RB Left	28.45	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Right	28.49	/	/	26.81	/	/	<=30	Pass
	3840	Edge 1RB Left	27.29	/	/	25.61	/	/	<=30	Pass
		Edge 1RB Right	27.05	/	/	25.37	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Left	27.23	/	/	25.55	/	/	<=30	Pass
		Inner 1RB Right	27.06	/	/	25.38	/	/	<=30	Pass
	3949.98	Edge 1RB Left	26.72	/	/	25.04	/	/	<=30	Pass
		Edge 1RB Right	26.31	/	/	24.63	/	/	<=30	Pass
		Outer Full	26.14	/	/	24.46	/	/	<=30	Pass
		Inner Full	26.05	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	26.36	/	/	24.68	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge 1RB Left	27.31	/	/	25.63	/	/	<=30	Pass
		Edge 1RB Right	27.21	/	/	25.53	/	/	<=30	Pass
		Outer Full	26.68	/	/	25.00	/	/	<=30	Pass
		Inner Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	27.26	/	/	25.58	/	/	<=30	Pass
		Inner 1RB Right	27.27	/	/	25.59	/	/	<=30	Pass
	3840	Edge 1RB Left	26.13	/	/	24.45	/	/	<=30	Pass
		Edge 1RB Right	25.82	/	/	24.14	/	/	<=30	Pass
		Outer Full	25.56	/	/	23.88	/	/	<=30	Pass
		Inner Full	26.04	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Left	26.11	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Right	25.87	/	/	24.19	/	/	<=30	Pass
	3949.98	Edge 1RB Left	25.53	/	/	23.85	/	/	<=30	Pass
		Edge 1RB Right	25.13	/	/	23.45	/	/	<=30	Pass
		Outer Full	24.70	/	/	23.02	/	/	<=30	Pass
		Inner Full	25.04	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Left	25.46	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Right	25.18	/	/	23.50	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge 1RB Left	28.22	/	/	26.54	/	/	<=30	Pass
		Edge 1RB Right	28.06	/	/	26.38	/	/	<=30	Pass
		Outer Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner Full	28.11	/	/	26.43	/	/	<=30	Pass
		Inner 1RB Left	28.26	/	/	26.58	/	/	<=30	Pass
		Inner 1RB Right	28.24	/	/	26.56	/	/	<=30	Pass
	3840	Edge 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Edge 1RB Right	26.61	/	/	24.93	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Right	26.77	/	/	25.09	/	/	<=30	Pass
	3949.98	Edge 1RB Left	26.50	/	/	24.82	/	/	<=30	Pass
		Edge 1RB Right	26.06	/	/	24.38	/	/	<=30	Pass
		Outer Full	26.03	/	/	24.35	/	/	<=30	Pass
		Inner Full	25.92	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Left	26.46	/	/	24.78	/	/	<=30	Pass

CP-OFDM 16 QAM	3730.02	Inner 1RB Right	26.17	/	/	24.49	/	/	<=30	Pass
		Edge 1RB Left	28.26	/	/	26.58	/	/	<=30	Pass
		Edge 1RB Right	28.26	/	/	26.58	/	/	<=30	Pass
		Outer Full	28.22	/	/	26.54	/	/	<=30	Pass
		Inner Full	28.06	/	/	26.38	/	/	<=30	Pass
		Inner 1RB Left	28.25	/	/	26.57	/	/	<=30	Pass
	3840	Inner 1RB Right	28.35	/	/	26.67	/	/	<=30	Pass
		Edge 1RB Left	26.87	/	/	25.19	/	/	<=30	Pass
		Edge 1RB Right	26.60	/	/	24.92	/	/	<=30	Pass
		Outer Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	26.85	/	/	25.17	/	/	<=30	Pass
	3949.98	Inner 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
		Edge 1RB Left	26.50	/	/	24.82	/	/	<=30	Pass
		Edge 1RB Right	26.04	/	/	24.36	/	/	<=30	Pass
		Outer Full	26.02	/	/	24.34	/	/	<=30	Pass
		Inner Full	25.93	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Left	26.46	/	/	24.78	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Inner 1RB Right	26.14	/	/	24.46	/	/	<=30	Pass
		Edge 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Edge 1RB Right	28.38	/	/	26.70	/	/	<=30	Pass
		Outer Full	27.73	/	/	26.05	/	/	<=30	Pass
		Inner Full	28.15	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Left	28.44	/	/	26.76	/	/	<=30	Pass
	3840	Inner 1RB Right	28.55	/	/	26.87	/	/	<=30	Pass
		Edge 1RB Left	27.20	/	/	25.52	/	/	<=30	Pass
		Edge 1RB Right	26.92	/	/	25.24	/	/	<=30	Pass
		Outer Full	26.44	/	/	24.76	/	/	<=30	Pass
		Inner Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
	3949.98	Inner 1RB Right	27.06	/	/	25.38	/	/	<=30	Pass
		Edge 1RB Left	26.46	/	/	24.78	/	/	<=30	Pass
		Edge 1RB Right	26.03	/	/	24.35	/	/	<=30	Pass
		Outer Full	25.58	/	/	23.90	/	/	<=30	Pass
		Inner Full	25.93	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Left	26.43	/	/	24.75	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Inner 1RB Right	26.12	/	/	24.44	/	/	<=30	Pass
		Edge 1RB Left	24.50	/	/	22.82	/	/	<=30	Pass
		Edge 1RB Right	24.38	/	/	22.70	/	/	<=30	Pass
		Outer Full	23.77	/	/	22.09	/	/	<=30	Pass
		Inner Full	24.14	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Left	24.45	/	/	22.77	/	/	<=30	Pass
	3840	Inner 1RB Right	24.52	/	/	22.84	/	/	<=30	Pass
		Edge 1RB Left	24.38	/	/	22.70	/	/	<=30	Pass
		Edge 1RB Right	24.00	/	/	22.32	/	/	<=30	Pass
		Outer Full	23.69	/	/	22.01	/	/	<=30	Pass
		Inner Full	24.14	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Left	24.32	/	/	22.64	/	/	<=30	Pass
	3949.98	Inner 1RB Right	24.14	/	/	22.46	/	/	<=30	Pass
		Edge 1RB Left	23.77	/	/	22.09	/	/	<=30	Pass
		Edge 1RB Right	23.39	/	/	21.71	/	/	<=30	Pass
		Outer Full	22.88	/	/	21.20	/	/	<=30	Pass
		Inner Full	23.24	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Left	23.76	/	/	22.08	/	/	<=30	Pass
		Inner 1RB Right	23.50	/	/	21.82	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.16 30k_SISO_70MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 70MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3735	Edge 1RB Left	25.98	/	/	24.30	/	/	<=30	Pass
		Edge 1RB Right	25.62	/	/	23.94	/	/	<=30	Pass
		Outer Full	28.58	/	/	26.90	/	/	<=30	Pass
		Inner Full	28.42	/	/	26.74	/	/	<=30	Pass
		Inner 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Right	26.77	/	/	25.09	/	/	<=30	Pass
	3840	Edge 1RB Left	25.43	/	/	23.75	/	/	<=30	Pass
		Edge 1RB Right	24.78	/	/	23.10	/	/	<=30	Pass
		Outer Full	27.04	/	/	25.36	/	/	<=30	Pass
		Inner Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	26.43	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	26.02	/	/	24.34	/	/	<=30	Pass
	3945	Edge 1RB Left	24.73	/	/	23.05	/	/	<=30	Pass
		Edge 1RB Right	24.34	/	/	22.66	/	/	<=30	Pass
		Outer Full	26.19	/	/	24.51	/	/	<=30	Pass
		Inner Full	26.00	/	/	24.32	/	/	<=30	Pass
		Inner 1RB Left	25.83	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Right	25.57	/	/	23.89	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge 1RB Left	25.91	/	/	24.23	/	/	<=30	Pass
		Edge 1RB Right	25.74	/	/	24.06	/	/	<=30	Pass
		Outer Full	28.57	/	/	26.89	/	/	<=30	Pass
		Inner Full	28.44	/	/	26.76	/	/	<=30	Pass
		Inner 1RB Left	25.63	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Right	25.57	/	/	23.89	/	/	<=30	Pass
	3840	Edge 1RB Left	25.49	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	24.93	/	/	23.25	/	/	<=30	Pass
		Outer Full	26.98	/	/	25.30	/	/	<=30	Pass
		Inner Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Right	25.07	/	/	23.39	/	/	<=30	Pass
	3945	Edge 1RB Left	24.87	/	/	23.19	/	/	<=30	Pass
		Edge 1RB Right	24.48	/	/	22.80	/	/	<=30	Pass
		Outer Full	26.17	/	/	24.49	/	/	<=30	Pass
		Inner Full	26.01	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	23.17	/	/	<=30	Pass
		Inner 1RB Right	24.60	/	/	22.92	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge 1RB Left	25.92	/	/	24.24	/	/	<=30	Pass
		Edge 1RB Right	25.68	/	/	24.00	/	/	<=30	Pass
		Outer Full	28.59	/	/	26.91	/	/	<=30	Pass
		Inner Full	28.43	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Left	24.92	/	/	23.24	/	/	<=30	Pass
		Inner 1RB Right	24.92	/	/	23.24	/	/	<=30	Pass
	3840	Edge 1RB Left	25.40	/	/	23.72	/	/	<=30	Pass
		Edge 1RB Right	24.78	/	/	23.10	/	/	<=30	Pass
		Outer Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner Full	26.93	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	24.37	/	/	22.69	/	/	<=30	Pass
		Inner 1RB Right	23.91	/	/	22.23	/	/	<=30	Pass
	3945	Edge 1RB Left	24.78	/	/	23.10	/	/	<=30	Pass
		Edge 1RB Right	24.29	/	/	22.61	/	/	<=30	Pass
		Outer Full	26.17	/	/	24.49	/	/	<=30	Pass
		Inner Full	26.01	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Left	23.67	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Right	23.49	/	/	21.81	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3735	Edge 1RB Left	23.28	/	/	21.60	/	/	<=30	Pass
		Edge 1RB Right	23.11	/	/	21.43	/	/	<=30	Pass
		Outer Full	27.06	/	/	25.38	/	/	<=30	Pass
		Inner Full	27.39	/	/	25.71	/	/	<=30	Pass
		Inner 1RB Left	22.32	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Right	22.25	/	/	20.57	/	/	<=30	Pass
	3840	Edge 1RB Left	23.15	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	20.93	/	/	<=30	Pass
		Outer Full	25.52	/	/	23.84	/	/	<=30	Pass
		Inner Full	25.94	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Left	22.14	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Right	21.76	/	/	20.08	/	/	<=30	Pass
	3945	Edge 1RB Left	22.65	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	20.56	/	/	<=30	Pass
		Outer Full	24.74	/	/	23.06	/	/	<=30	Pass
		Inner Full	25.03	/	/	23.35	/	/	<=30	Pass
		Inner 1RB Left	21.63	/	/	19.95	/	/	<=30	Pass
		Inner 1RB Right	21.40	/	/	19.72	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge 1RB Left	25.89	/	/	24.21	/	/	<=30	Pass
		Edge 1RB Right	25.60	/	/	23.92	/	/	<=30	Pass
		Outer Full	28.50	/	/	26.82	/	/	<=30	Pass
		Inner Full	28.34	/	/	26.66	/	/	<=30	Pass
		Inner 1RB Left	25.22	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Right	24.95	/	/	23.27	/	/	<=30	Pass
	3840	Edge 1RB Left	25.07	/	/	23.39	/	/	<=30	Pass
		Edge 1RB Right	24.63	/	/	22.95	/	/	<=30	Pass
		Outer Full	26.91	/	/	25.23	/	/	<=30	Pass
		Inner Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Left	24.88	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Right	24.51	/	/	22.83	/	/	<=30	Pass
	3945	Edge 1RB Left	24.62	/	/	22.94	/	/	<=30	Pass
		Edge 1RB Right	24.23	/	/	22.55	/	/	<=30	Pass
		Outer Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner Full	25.94	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Left	24.32	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Right	24.09	/	/	22.41	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge 1RB Left	25.76	/	/	24.08	/	/	<=30	Pass
		Edge 1RB Right	25.61	/	/	23.93	/	/	<=30	Pass
		Outer Full	28.48	/	/	26.80	/	/	<=30	Pass
		Inner Full	28.34	/	/	26.66	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Right	24.83	/	/	23.15	/	/	<=30	Pass
	3840	Edge 1RB Left	25.32	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Right	24.69	/	/	23.01	/	/	<=30	Pass
		Outer Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner Full	26.82	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Left	24.20	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Right	23.86	/	/	22.18	/	/	<=30	Pass
	3945	Edge 1RB Left	24.75	/	/	23.07	/	/	<=30	Pass
		Edge 1RB Right	24.32	/	/	22.64	/	/	<=30	Pass
		Outer Full	26.17	/	/	24.49	/	/	<=30	Pass
		Inner Full	25.97	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Right	23.51	/	/	21.83	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge 1RB Left	25.51	/	/	23.83	/	/	<=30	Pass
		Edge 1RB Right	25.32	/	/	23.64	/	/	<=30	Pass
		Outer Full	28.04	/	/	26.36	/	/	<=30	Pass
		Inner Full	28.36	/	/	26.68	/	/	<=30	Pass
		Inner 1RB Left	24.54	/	/	22.86	/	/	<=30	Pass

	3840	Inner 1RB Right	24.52	/	/	22.84	/	/	<=30	Pass
		Edge 1RB Left	24.86	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Right	24.21	/	/	22.53	/	/	<=30	Pass
		Outer_Full	26.42	/	/	24.74	/	/	<=30	Pass
		Inner_Full	26.82	/	/	25.14	/	/	<=30	Pass
		Inner_1RB Left	23.83	/	/	22.15	/	/	<=30	Pass
		Inner_1RB Right	23.49	/	/	21.81	/	/	<=30	Pass
	3945	Edge 1RB Left	24.40	/	/	22.72	/	/	<=30	Pass
		Edge 1RB Right	24.04	/	/	22.36	/	/	<=30	Pass
		Outer_Full	25.72	/	/	24.04	/	/	<=30	Pass
		Inner_Full	25.99	/	/	24.31	/	/	<=30	Pass
		Inner_1RB Left	23.38	/	/	21.70	/	/	<=30	Pass
		Inner_1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
	CP-OFDM 256 QAM	3735	Edge 1RB Left	21.44	/	/	19.76	/	/	<=30
Edge 1RB Right			21.36	/	/	19.68	/	/	<=30	Pass
Outer_Full			24.03	/	/	22.35	/	/	<=30	Pass
Inner_Full			24.38	/	/	22.70	/	/	<=30	Pass
Inner 1RB Left			20.45	/	/	18.77	/	/	<=30	Pass
Inner 1RB Right			20.41	/	/	18.73	/	/	<=30	Pass
3840		Edge 1RB Left	21.15	/	/	19.47	/	/	<=30	Pass
		Edge 1RB Right	20.69	/	/	19.01	/	/	<=30	Pass
		Outer_Full	23.67	/	/	21.99	/	/	<=30	Pass
		Inner_Full	24.08	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	20.23	/	/	18.55	/	/	<=30	Pass
		Inner 1RB Right	19.75	/	/	18.07	/	/	<=30	Pass
3945		Edge 1RB Left	20.76	/	/	19.08	/	/	<=30	Pass
		Edge 1RB Right	20.48	/	/	18.80	/	/	<=30	Pass
		Outer_Full	23.01	/	/	21.33	/	/	<=30	Pass
		Inner_Full	23.27	/	/	21.59	/	/	<=30	Pass
		Inner 1RB Left	19.77	/	/	18.09	/	/	<=30	Pass
		Inner 1RB Right	19.54	/	/	17.86	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.17 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 QPSK	3740.01	Edge 1RB Left	28.75	/	/	27.07	/	/	<=30	Pass
		Edge 1RB Right	28.17	/	/	26.49	/	/	<=30	Pass
		Outer Full	28.45	/	/	26.77	/	/	<=30	Pass
		Inner Full	28.31	/	/	26.63	/	/	<=30	Pass
		Inner 1RB Left	28.70	/	/	27.02	/	/	<=30	Pass
		Inner 1RB Right	28.23	/	/	26.55	/	/	<=30	Pass
	3840	Edge 1RB Left	27.32	/	/	25.64	/	/	<=30	Pass
		Edge 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
		Outer Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
	3939.99	Edge 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass
		Edge 1RB Right	26.47	/	/	24.79	/	/	<=30	Pass
		Outer Full	26.40	/	/	24.72	/	/	<=30	Pass
		Inner Full	26.22	/	/	24.54	/	/	<=30	Pass
		Inner 1RB Left	26.91	/	/	25.23	/	/	<=30	Pass
		Inner 1RB Right	26.52	/	/	24.84	/	/	<=30	Pass
DFT-s-OFDM 16	3740.01	Edge 1RB Left	28.60	/	/	26.92	/	/	<=30	Pass

QAM		Edge 1RB Right	28.05	/	/	26.37	/	/	<=30	Pass	
		Outer Full	28.42	/	/	26.74	/	/	<=30	Pass	
		Inner Full	28.33	/	/	26.65	/	/	<=30	Pass	
		Inner 1RB Left	28.50	/	/	26.82	/	/	<=30	Pass	
		Inner 1RB Right	28.13	/	/	26.45	/	/	<=30	Pass	
	3840	Edge 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass	
		Edge 1RB Right	26.88	/	/	25.20	/	/	<=30	Pass	
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass	
		Inner Full	26.97	/	/	25.29	/	/	<=30	Pass	
		Inner 1RB Left	27.29	/	/	25.61	/	/	<=30	Pass	
	3939.99	Inner 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass	
		Edge 1RB Left	26.97	/	/	25.29	/	/	<=30	Pass	
		Edge 1RB Right	26.50	/	/	24.82	/	/	<=30	Pass	
		Outer Full	26.37	/	/	24.69	/	/	<=30	Pass	
		Inner Full	26.21	/	/	24.53	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3740.01	Inner 1RB Left	26.92	/	/	25.24	/	/	<=30	Pass
			Inner 1RB Right	26.50	/	/	24.82	/	/	<=30	Pass
			Edge 1RB Left	28.73	/	/	27.05	/	/	<=30	Pass
Edge 1RB Right			28.36	/	/	26.68	/	/	<=30	Pass	
Outer Full			28.41	/	/	26.73	/	/	<=30	Pass	
3840		Inner Full	28.32	/	/	26.64	/	/	<=30	Pass	
		Inner 1RB Left	28.70	/	/	27.02	/	/	<=30	Pass	
		Inner 1RB Right	28.36	/	/	26.68	/	/	<=30	Pass	
		Edge 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass	
		Edge 1RB Right	26.74	/	/	25.06	/	/	<=30	Pass	
3939.99		Outer Full	26.99	/	/	25.31	/	/	<=30	Pass	
		Inner Full	26.95	/	/	25.27	/	/	<=30	Pass	
		Inner 1RB Left	27.13	/	/	25.45	/	/	<=30	Pass	
		Inner 1RB Right	26.80	/	/	25.12	/	/	<=30	Pass	
		Edge 1RB Left	26.89	/	/	25.21	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM		3740.01	Edge 1RB Right	26.32	/	/	24.64	/	/	<=30	Pass
			Outer Full	26.36	/	/	24.68	/	/	<=30	Pass
			Inner Full	26.21	/	/	24.53	/	/	<=30	Pass
	Inner 1RB Left		26.78	/	/	25.10	/	/	<=30	Pass	
	Inner 1RB Right		26.37	/	/	24.69	/	/	<=30	Pass	
	3840	Edge 1RB Left	27.45	/	/	25.77	/	/	<=30	Pass	
		Edge 1RB Right	26.98	/	/	25.30	/	/	<=30	Pass	
		Outer Full	26.78	/	/	25.10	/	/	<=30	Pass	
		Inner Full	27.16	/	/	25.48	/	/	<=30	Pass	
		Inner 1RB Left	27.47	/	/	25.79	/	/	<=30	Pass	
	3939.99	Inner 1RB Right	27.10	/	/	25.42	/	/	<=30	Pass	
		Edge 1RB Left	26.24	/	/	24.56	/	/	<=30	Pass	
		Edge 1RB Right	25.80	/	/	24.12	/	/	<=30	Pass	
		Outer Full	25.54	/	/	23.86	/	/	<=30	Pass	
		Inner Full	25.96	/	/	24.28	/	/	<=30	Pass	
	CP-OFDM QPSK	3740.01	Inner 1RB Left	26.17	/	/	24.49	/	/	<=30	Pass
			Inner 1RB Right	25.86	/	/	24.18	/	/	<=30	Pass
			Edge 1RB Left	25.90	/	/	24.22	/	/	<=30	Pass
Edge 1RB Right			25.42	/	/	23.74	/	/	<=30	Pass	
Outer Full			24.94	/	/	23.26	/	/	<=30	Pass	
Inner Full			25.23	/	/	23.55	/	/	<=30	Pass	
Inner 1RB Left			25.85	/	/	24.17	/	/	<=30	Pass	
Inner 1RB Right			25.47	/	/	23.79	/	/	<=30	Pass	
Edge 1RB Left			28.32	/	/	26.64	/	/	<=30	Pass	
Edge 1RB Right			27.87	/	/	26.19	/	/	<=30	Pass	

	3840	Edge_1RB_Left	27.18	/	/	25.50	/	/	<=30	Pass
		Edge_1RB_Right	26.72	/	/	25.04	/	/	<=30	Pass
		Outer_Full	26.90	/	/	25.22	/	/	<=30	Pass
		Inner_Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	27.22	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	26.85	/	/	25.17	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	26.86	/	/	25.18	/	/	<=30	Pass
		Edge_1RB_Right	26.28	/	/	24.60	/	/	<=30	Pass
		Outer_Full	26.29	/	/	24.61	/	/	<=30	Pass
		Inner_Full	26.08	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	26.89	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	24.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	28.19	/	/	26.51	/	/	<=30	Pass
		Edge_1RB_Right	27.78	/	/	26.10	/	/	<=30	Pass
		Outer_Full	28.27	/	/	26.59	/	/	<=30	Pass
		Inner_Full	28.18	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Left	28.18	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Right	27.93	/	/	26.25	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge_1RB_Right	26.74	/	/	25.06	/	/	<=30	Pass
		Outer_Full	26.93	/	/	25.25	/	/	<=30	Pass
		Inner_Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	26.86	/	/	25.18	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	26.83	/	/	25.15	/	/	<=30	Pass
		Edge_1RB_Right	26.25	/	/	24.57	/	/	<=30	Pass
		Outer_Full	26.29	/	/	24.61	/	/	<=30	Pass
		Inner_Full	26.10	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	26.85	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	24.70	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	28.49	/	/	26.81	/	/	<=30	Pass
		Edge_1RB_Right	28.19	/	/	26.51	/	/	<=30	Pass
		Outer_Full	27.84	/	/	26.16	/	/	<=30	Pass
		Inner_Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Left	28.56	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Right	28.29	/	/	26.61	/	/	<=30	Pass
	3840	Edge_1RB_Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge_1RB_Right	26.73	/	/	25.05	/	/	<=30	Pass
		Outer_Full	26.50	/	/	24.82	/	/	<=30	Pass
		Inner_Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	26.85	/	/	25.17	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	26.80	/	/	25.12	/	/	<=30	Pass
		Edge_1RB_Right	26.29	/	/	24.61	/	/	<=30	Pass
		Outer_Full	25.84	/	/	24.16	/	/	<=30	Pass
		Inner_Full	26.11	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	24.68	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	24.69	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	24.10	/	/	22.42	/	/	<=30	Pass
		Outer_Full	23.85	/	/	22.17	/	/	<=30	Pass
		Inner_Full	24.21	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	22.54	/	/	<=30	Pass
	3840	Edge_1RB_Left	24.56	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	24.15	/	/	22.47	/	/	<=30	Pass
		Outer_Full	23.76	/	/	22.08	/	/	<=30	Pass
		Inner_Full	24.18	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	22.84	/	/	<=30	Pass

		Inner 1RB Right	24.26	/	/	22.58	/	/	<=30	Pass
	3939.99	Edge 1RB Left	24.15	/	/	22.47	/	/	<=30	Pass
		Edge 1RB Right	23.64	/	/	21.96	/	/	<=30	Pass
		Outer_Full	23.11	/	/	21.43	/	/	<=30	Pass
		Inner_Full	23.37	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	22.08	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.18 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 QPSK	3745.02	Edge 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Edge 1RB Right	27.99	/	/	26.31	/	/	<=30	Pass
		Outer Full	28.41	/	/	26.73	/	/	<=30	Pass
		Inner Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner 1RB Left	28.33	/	/	26.65	/	/	<=30	Pass
		Inner 1RB Right	28.02	/	/	26.34	/	/	<=30	Pass
	3840	Edge 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge 1RB Right	26.60	/	/	24.92	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	27.25	/	/	25.57	/	/	<=30	Pass
		Inner 1RB Right	26.68	/	/	25.00	/	/	<=30	Pass
	3934.98	Edge 1RB Left	26.93	/	/	25.25	/	/	<=30	Pass
		Edge 1RB Right	26.26	/	/	24.58	/	/	<=30	Pass
		Outer Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner Full	26.33	/	/	24.65	/	/	<=30	Pass
		Inner 1RB Left	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Right	26.34	/	/	24.66	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge 1RB Left	28.33	/	/	26.65	/	/	<=30	Pass
		Edge 1RB Right	27.92	/	/	26.24	/	/	<=30	Pass
		Outer Full	28.37	/	/	26.69	/	/	<=30	Pass
		Inner Full	28.25	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Left	28.28	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	28.01	/	/	26.33	/	/	<=30	Pass
	3840	Edge 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge 1RB Right	26.61	/	/	24.93	/	/	<=30	Pass
		Outer Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Left	27.24	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
	3934.98	Edge 1RB Left	26.89	/	/	25.21	/	/	<=30	Pass
		Edge 1RB Right	26.24	/	/	24.56	/	/	<=30	Pass
		Outer Full	26.52	/	/	24.84	/	/	<=30	Pass
		Inner Full	26.34	/	/	24.66	/	/	<=30	Pass
		Inner 1RB Left	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Right	26.30	/	/	24.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge 1RB Left	28.13	/	/	26.45	/	/	<=30	Pass
		Edge 1RB Right	27.77	/	/	26.09	/	/	<=30	Pass
		Outer Full	28.36	/	/	26.68	/	/	<=30	Pass
		Inner Full	28.23	/	/	26.55	/	/	<=30	Pass
		Inner 1RB Left	28.10	/	/	26.42	/	/	<=30	Pass
		Inner 1RB Right	27.86	/	/	26.18	/	/	<=30	Pass
	3840	Edge 1RB Left	27.17	/	/	25.49	/	/	<=30	Pass

		Edge 1RB Right	26.52	/	/	24.84	/	/	<=30	Pass
		Outer Full	26.98	/	/	25.30	/	/	<=30	Pass
		Inner Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner_1RB Left	27.14	/	/	25.46	/	/	<=30	Pass
		Inner_1RB Right	26.60	/	/	24.92	/	/	<=30	Pass
	3934.98	Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Right	26.09	/	/	24.41	/	/	<=30	Pass
		Outer Full	26.55	/	/	24.87	/	/	<=30	Pass
		Inner Full	26.29	/	/	24.61	/	/	<=30	Pass
		Inner_1RB Left	26.73	/	/	25.05	/	/	<=30	Pass
	Inner_1RB Right	26.21	/	/	24.53	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3745.02	Edge 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Edge 1RB Right	26.68	/	/	25.00	/	/	<=30	Pass
		Outer Full	26.73	/	/	25.05	/	/	<=30	Pass
		Inner Full	27.06	/	/	25.38	/	/	<=30	Pass
		Inner_1RB Left	27.12	/	/	25.44	/	/	<=30	Pass
		Inner_1RB Right	26.78	/	/	25.10	/	/	<=30	Pass
	3840	Edge 1RB Left	26.26	/	/	24.58	/	/	<=30	Pass
		Edge 1RB Right	25.61	/	/	23.93	/	/	<=30	Pass
		Outer Full	25.54	/	/	23.86	/	/	<=30	Pass
		Inner Full	25.95	/	/	24.27	/	/	<=30	Pass
		Inner_1RB Left	26.22	/	/	24.54	/	/	<=30	Pass
		Inner_1RB Right	25.72	/	/	24.04	/	/	<=30	Pass
	3934.98	Edge 1RB Left	25.84	/	/	24.16	/	/	<=30	Pass
		Edge 1RB Right	25.17	/	/	23.49	/	/	<=30	Pass
		Outer Full	25.09	/	/	23.41	/	/	<=30	Pass
		Inner Full	25.32	/	/	23.64	/	/	<=30	Pass
		Inner_1RB Left	25.78	/	/	24.10	/	/	<=30	Pass
		Inner_1RB Right	25.28	/	/	23.60	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge 1RB Left	28.10	/	/	26.42	/	/	<=30	Pass
		Edge 1RB Right	27.81	/	/	26.13	/	/	<=30	Pass
		Outer Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner Full	28.02	/	/	26.34	/	/	<=30	Pass
		Inner_1RB Left	28.09	/	/	26.41	/	/	<=30	Pass
		Inner_1RB Right	27.93	/	/	26.25	/	/	<=30	Pass
	3840	Edge 1RB Left	27.23	/	/	25.55	/	/	<=30	Pass
		Edge 1RB Right	26.64	/	/	24.96	/	/	<=30	Pass
		Outer Full	26.91	/	/	25.23	/	/	<=30	Pass
		Inner Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner_1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Inner_1RB Right	26.71	/	/	25.03	/	/	<=30	Pass
	3934.98	Edge 1RB Left	26.78	/	/	25.10	/	/	<=30	Pass
		Edge 1RB Right	26.08	/	/	24.40	/	/	<=30	Pass
		Outer Full	26.43	/	/	24.75	/	/	<=30	Pass
		Inner Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner_1RB Left	26.78	/	/	25.10	/	/	<=30	Pass
		Inner_1RB Right	26.11	/	/	24.43	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass
		Edge 1RB Right	27.76	/	/	26.08	/	/	<=30	Pass
		Outer Full	28.21	/	/	26.53	/	/	<=30	Pass
		Inner Full	28.05	/	/	26.37	/	/	<=30	Pass
		Inner_1RB Left	28.03	/	/	26.35	/	/	<=30	Pass
		Inner_1RB Right	27.86	/	/	26.18	/	/	<=30	Pass
	3840	Edge 1RB Left	27.23	/	/	25.55	/	/	<=30	Pass
		Edge 1RB Right	26.62	/	/	24.94	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner Full	26.84	/	/	25.16	/	/	<=30	Pass
	Inner_1RB Left	27.25	/	/	25.57	/	/	<=30	Pass	
	Inner_1RB Right	26.74	/	/	25.06	/	/	<=30	Pass	

	3934.98	Edge 1RB Left	26.76	/	/	25.08	/	/	<=30	Pass
		Edge 1RB Right	26.10	/	/	24.42	/	/	<=30	Pass
		Outer_Full	26.36	/	/	24.68	/	/	<=30	Pass
		Inner_Full	26.15	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Right	26.19	/	/	24.51	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Edge 1RB Left	27.99	/	/	26.31	/	/	<=30	Pass
		Edge 1RB Right	27.74	/	/	26.06	/	/	<=30	Pass
		Outer_Full	27.74	/	/	26.06	/	/	<=30	Pass
		Inner_Full	28.06	/	/	26.38	/	/	<=30	Pass
		Inner 1RB Left	27.98	/	/	26.30	/	/	<=30	Pass
		Inner 1RB Right	27.84	/	/	26.16	/	/	<=30	Pass
	3840	Edge 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge 1RB Right	26.60	/	/	24.92	/	/	<=30	Pass
		Outer_Full	26.47	/	/	24.79	/	/	<=30	Pass
		Inner_Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	27.23	/	/	25.55	/	/	<=30	Pass
		Inner 1RB Right	26.68	/	/	25.00	/	/	<=30	Pass
	3934.98	Edge 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Edge 1RB Right	26.11	/	/	24.43	/	/	<=30	Pass
		Outer_Full	25.90	/	/	24.22	/	/	<=30	Pass
		Inner_Full	26.18	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Left	26.69	/	/	25.01	/	/	<=30	Pass
		Inner 1RB Right	26.20	/	/	24.52	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge 1RB Left	24.21	/	/	22.53	/	/	<=30	Pass
		Edge 1RB Right	23.81	/	/	22.13	/	/	<=30	Pass
		Outer_Full	23.70	/	/	22.02	/	/	<=30	Pass
		Inner_Full	24.05	/	/	22.37	/	/	<=30	Pass
		Inner 1RB Left	24.15	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Right	23.91	/	/	22.23	/	/	<=30	Pass
	3840	Edge 1RB Left	24.56	/	/	22.88	/	/	<=30	Pass
		Edge 1RB Right	23.91	/	/	22.23	/	/	<=30	Pass
		Outer_Full	23.72	/	/	22.04	/	/	<=30	Pass
		Inner_Full	24.14	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Left	24.54	/	/	22.86	/	/	<=30	Pass
		Inner 1RB Right	24.06	/	/	22.38	/	/	<=30	Pass
	3934.98	Edge 1RB Left	24.05	/	/	22.37	/	/	<=30	Pass
		Edge 1RB Right	23.44	/	/	21.76	/	/	<=30	Pass
		Outer_Full	23.17	/	/	21.49	/	/	<=30	Pass
		Inner_Full	23.42	/	/	21.74	/	/	<=30	Pass
		Inner 1RB Left	24.05	/	/	22.37	/	/	<=30	Pass
		Inner 1RB Right	23.54	/	/	21.86	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.19 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 QPSK	3750	Edge 1RB Left	27.88	/	/	26.20	/	/	<=30	Pass
		Edge 1RB Right	27.24	/	/	25.56	/	/	<=30	Pass
		Outer Full	28.50	/	/	26.82	/	/	<=30	Pass
		Inner Full	28.39	/	/	26.71	/	/	<=30	Pass
		Inner 1RB Left	27.87	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Right	27.31	/	/	25.63	/	/	<=30	Pass
	3840	Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Right	26.02	/	/	24.34	/	/	<=30	Pass

		Outer Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Left	26.81	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Right	26.21	/	/	24.53	/	/	<=30	Pass
	3930	Edge 1RB Left	26.13	/	/	24.45	/	/	<=30	Pass
		Edge 1RB Right	25.67	/	/	23.99	/	/	<=30	Pass
		Outer Full	26.41	/	/	24.73	/	/	<=30	Pass
		Inner Full	26.20	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Left	26.12	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Right	25.73	/	/	24.05	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge 1RB Left	27.87	/	/	26.19	/	/	<=30	Pass
		Edge 1RB Right	27.19	/	/	25.51	/	/	<=30	Pass
		Outer Full	28.43	/	/	26.75	/	/	<=30	Pass
		Inner Full	28.41	/	/	26.73	/	/	<=30	Pass
		Inner 1RB Left	27.84	/	/	26.16	/	/	<=30	Pass
		Inner 1RB Right	27.31	/	/	25.63	/	/	<=30	Pass
	3840	Edge 1RB Left	26.75	/	/	25.07	/	/	<=30	Pass
		Edge 1RB Right	26.06	/	/	24.38	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Left	26.82	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Right	26.19	/	/	24.51	/	/	<=30	Pass
	3930	Edge 1RB Left	26.13	/	/	24.45	/	/	<=30	Pass
		Edge 1RB Right	25.60	/	/	23.92	/	/	<=30	Pass
		Outer Full	26.35	/	/	24.67	/	/	<=30	Pass
		Inner Full	26.21	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Left	26.12	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Right	25.74	/	/	24.06	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge 1RB Left	27.69	/	/	26.01	/	/	<=30	Pass
		Edge 1RB Right	27.01	/	/	25.33	/	/	<=30	Pass
		Outer Full	28.46	/	/	26.78	/	/	<=30	Pass
		Inner Full	28.40	/	/	26.72	/	/	<=30	Pass
		Inner 1RB Left	27.70	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Right	27.13	/	/	25.45	/	/	<=30	Pass
	3840	Edge 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Right	25.90	/	/	24.22	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	26.63	/	/	24.95	/	/	<=30	Pass
		Inner 1RB Right	26.06	/	/	24.38	/	/	<=30	Pass
	3930	Edge 1RB Left	25.95	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Right	25.69	/	/	24.01	/	/	<=30	Pass
		Outer Full	26.36	/	/	24.68	/	/	<=30	Pass
		Inner Full	26.21	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Left	25.97	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Right	25.79	/	/	24.11	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge 1RB Left	26.65	/	/	24.97	/	/	<=30	Pass
		Edge 1RB Right	26.00	/	/	24.32	/	/	<=30	Pass
		Outer Full	26.78	/	/	25.10	/	/	<=30	Pass
		Inner Full	27.27	/	/	25.59	/	/	<=30	Pass
		Inner 1RB Left	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Right	26.11	/	/	24.43	/	/	<=30	Pass
	3840	Edge 1RB Left	25.71	/	/	24.03	/	/	<=30	Pass
		Edge 1RB Right	25.00	/	/	23.32	/	/	<=30	Pass
		Outer Full	25.59	/	/	23.91	/	/	<=30	Pass
		Inner Full	25.97	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Left	25.72	/	/	24.04	/	/	<=30	Pass
		Inner 1RB Right	25.12	/	/	23.44	/	/	<=30	Pass
	3930	Edge 1RB Left	25.06	/	/	23.38	/	/	<=30	Pass

		Edge 1RB Right	24.60	/	/	22.92	/	/	<=30	Pass
		Outer Full	24.90	/	/	23.22	/	/	<=30	Pass
		Inner Full	25.19	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Left	25.07	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Right	24.71	/	/	23.03	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge 1RB Left	27.73	/	/	26.05	/	/	<=30	Pass
		Edge 1RB Right	27.14	/	/	25.46	/	/	<=30	Pass
		Outer Full	28.27	/	/	26.59	/	/	<=30	Pass
		Inner Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner 1RB Left	27.76	/	/	26.08	/	/	<=30	Pass
	3840	Inner 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
		Edge 1RB Left	26.68	/	/	25.00	/	/	<=30	Pass
		Edge 1RB Right	26.01	/	/	24.33	/	/	<=30	Pass
		Outer Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner Full	26.80	/	/	25.12	/	/	<=30	Pass
	3930	Inner 1RB Left	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Right	26.16	/	/	24.48	/	/	<=30	Pass
		Edge 1RB Left	25.95	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Right	25.53	/	/	23.85	/	/	<=30	Pass
		Outer Full	26.23	/	/	24.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Inner Full	26.05	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Left	26.03	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Right	25.67	/	/	23.99	/	/	<=30	Pass
		Edge 1RB Left	27.61	/	/	25.93	/	/	<=30	Pass
		Edge 1RB Right	27.13	/	/	25.45	/	/	<=30	Pass
	3840	Outer Full	28.26	/	/	26.58	/	/	<=30	Pass
		Inner Full	28.25	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Left	27.70	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Right	27.27	/	/	25.59	/	/	<=30	Pass
		Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
	3930	Edge 1RB Right	26.00	/	/	24.32	/	/	<=30	Pass
		Outer Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner Full	26.82	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Left	26.73	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Right	26.17	/	/	24.49	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge 1RB Left	26.04	/	/	24.36	/	/	<=30	Pass
		Edge 1RB Right	25.58	/	/	23.90	/	/	<=30	Pass
		Outer Full	26.23	/	/	24.55	/	/	<=30	Pass
		Inner Full	26.07	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Left	26.02	/	/	24.34	/	/	<=30	Pass
	3840	Inner 1RB Right	25.70	/	/	24.02	/	/	<=30	Pass
		Edge 1RB Left	27.61	/	/	25.93	/	/	<=30	Pass
		Edge 1RB Right	27.13	/	/	25.45	/	/	<=30	Pass
		Outer Full	27.85	/	/	26.17	/	/	<=30	Pass
		Inner Full	28.28	/	/	26.60	/	/	<=30	Pass
	3930	Inner 1RB Left	27.67	/	/	25.99	/	/	<=30	Pass
		Inner 1RB Right	27.26	/	/	25.58	/	/	<=30	Pass
		Edge 1RB Left	26.60	/	/	24.92	/	/	<=30	Pass
		Edge 1RB Right	25.97	/	/	24.29	/	/	<=30	Pass
		Outer Full	26.48	/	/	24.80	/	/	<=30	Pass
CP-OFDM 64 QAM	3840	Inner Full	26.83	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Right	26.11	/	/	24.43	/	/	<=30	Pass
		Edge 1RB Left	25.96	/	/	24.28	/	/	<=30	Pass
		Edge 1RB Right	25.65	/	/	23.97	/	/	<=30	Pass
	3930	Outer Full	25.80	/	/	24.12	/	/	<=30	Pass
		Inner Full	26.08	/	/	24.40	/	/	<=30	Pass
		Inner 1RB Left	26.01	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Right	25.86	/	/	24.18	/	/	<=30	Pass

CP-OFDM 256 QAM	3750	Edge 1RB Left	23.84	/	/	22.16	/	/	<=30	Pass
		Edge 1RB Right	23.22	/	/	21.54	/	/	<=30	Pass
		Outer Full	23.87	/	/	22.19	/	/	<=30	Pass
		Inner Full	24.32	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Left	23.86	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Right	23.37	/	/	21.69	/	/	<=30	Pass
	3840	Edge 1RB Left	23.93	/	/	22.25	/	/	<=30	Pass
		Edge 1RB Right	23.24	/	/	21.56	/	/	<=30	Pass
		Outer Full	23.72	/	/	22.04	/	/	<=30	Pass
		Inner Full	24.08	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	23.95	/	/	22.27	/	/	<=30	Pass
		Inner 1RB Right	23.40	/	/	21.72	/	/	<=30	Pass
	3930	Edge 1RB Left	23.34	/	/	21.66	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	21.22	/	/	<=30	Pass
		Outer Full	23.08	/	/	21.40	/	/	<=30	Pass
		Inner Full	23.35	/	/	21.67	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	21.63	/	/	<=30	Pass
		Inner 1RB Right	23.05	/	/	21.37	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_10MHz

5G NR n77a SCS=15kHz SISO 10MHz								
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	4.50	0.0012	>=-2.5 & <=2.5	Pass
				HV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	11.70	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	10.10	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	7.00	0.0018	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	8.50	0.0022	>=-2.5 & <=2.5	Pass
				HV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass

			-10	NV	5.60	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	11.00	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.50	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	10.50	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	5.00	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	10.00	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.20	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	8.90	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.30	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.90	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	50	NV	4.20	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	3.60	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.70	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	9.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	9.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.80	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.10	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	12.40	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	10.00	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	40	NV	5.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	9.50	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	8.10	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.40	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.90	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	7.20	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.30	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.60	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.20	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3840	Outer_Full	30	NV	9.00	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	8.00	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.40	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.40	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.00	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	NV	7.10	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.10	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.00	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.80	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	2.30	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.90	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	10.50	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.60	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	0.80	0.0002	>=-2.5 & <=2.5	Pass
			40	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_15MHz

5G NR n77a SCS=15kHz SISO 15MHz								
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	5.80	0.0015	>=-2.5 & <=2.5	Pass
				HV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	12.50	0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	10.10	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	12.40	0.0032	>=-2.5 & <=2.5	Pass
			30	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	11.90	0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	9.50	0.0025	>=-2.5 & <=2.5	Pass
				HV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	11.50	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	7.10	0.0018	>=-2.5 & <=2.5	Pass
				HV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	14.20	0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	14.60	0.0038	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	10.00	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
				HV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	10.10	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	11.70	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	9.60	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	12.20	0.0032	>=-2.5 & <=2.5	Pass
			20	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
				LV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass

			-10	NV	12.60	0.0033	>=-2.5 & <=2.5	Pass
			0	NV	11.30	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	10.70	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	13.60	0.0035	>=-2.5 & <=2.5	Pass
			50	NV	14.00	0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	8.70	0.0023	>=-2.5 & <=2.5	Pass
				HV	11.20	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	12.60	0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	15.40	0.0040	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	50	NV	10.70	0.0028	>=-2.5 & <=2.5	Pass
			20	LV	3.10	0.0008	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	12.90	0.0034	>=-2.5 & <=2.5	Pass
			10	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	12.30	0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	40	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			50	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			20	LV	6.90	0.0018	>=-2.5 & <=2.5	Pass
				HV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	10.00	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_20MHz

5G NR n77a SCS=15kHz SISO 20MHz								
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	8.90	0.0023	>=-2.5 & <=2.5	Pass
				HV	11.90	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	9.70	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	13.10	0.0034	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	13.50	0.0035	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	9.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	9.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.60	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.60	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	9.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	11.40	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.30	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	2.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	10.00	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.60	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.20	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	11.50	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	11.10	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.50	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	8.10	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.00	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	5.40	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.60	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.20	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.00	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	8.00	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	8.70	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	9.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	6.70	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	9.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	9.70	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	15.40	0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	12.10	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.80	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.60	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	9.70	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	11.30	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	8.10	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	10.00	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	9.00	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.50	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.30	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	10.00	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	9.90	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	10.60	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	4.70	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.60	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.80	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.80	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	12.90	0.0034	>=-2.5 & <=2.5	Pass
			20	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			50	NV	16.00	0.0042	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
				HV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	14.20	0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	11.60	0.0030	>=-2.5 & <=2.5	Pass
			40	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_25MHz

5G NR n77a SCS=15kHz SISO 25MHz								
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	15.90	0.0041	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-15.40	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-8.60	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	4.60	0.0012	>=-2.5 & <=2.5	Pass
				HV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	-2.10	-0.0005	>=-2.5 & <=2.5	Pass
				HV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	2.40	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			50	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	11.60	0.0030	>=-2.5 & <=2.5	Pass
				HV	11.10	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	28.40	0.0074	>=-2.5 & <=2.5	Pass
			-20	NV	12.90	0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-7.10	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	14.20	0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	5.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	5.10	0.0013	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	28.40	0.0074	>=-2.5 & <=2.5	Pass
				HV	24.40	0.0064	>=-2.5 & <=2.5	Pass
			-30	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	17.80	0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	15.10	0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-28.30	-0.0074	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	6.20	0.0016	>=-2.5 & <=2.5	Pass
				HV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	9.60	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	14.00	0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	28.90	0.0075	>=-2.5 & <=2.5	Pass
				HV	24.90	0.0065	>=-2.5 & <=2.5	Pass
			-30	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	18.90	0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	16.20	0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-29.40	-0.0075	>=-2.5 & <=2.5	Pass
			10	NV	-9.20	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	9.70	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	14.10	0.0037	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_30MHz

5G NR n77a SCS=15kHz SISO 30MHz								
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	11.00	0.0029	>=-2.5 & <=2.5	Pass
				HV	13.80	0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	8.90	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass
			50	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	2.10	0.0005	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	8.20	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	8.50	0.0022	>=-2.5 & <=2.5	Pass
				HV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3.80	0.0010	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	9.40	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			50	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	8.10	0.0021	>=-2.5 & <=2.5	Pass
				HV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			50	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	7.20	0.0019	>=-2.5 & <=2.5	Pass

				HV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	14.50	0.0038	>=-2.5 & <=2.5	Pass
			30	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			50	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	6.80	0.0018	>=-2.5 & <=2.5	Pass
				HV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	12.70	0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	10.90	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	10.90	0.0028	>=-2.5 & <=2.5	Pass
			10	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	8.90	0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	5.50	0.0014	>=-2.5 & <=2.5	Pass
				HV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	11.60	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			20	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass

2.1.6 15k_SISO_40MHz

5G NR n77a SCS=15kHz SISO 40MHz								
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	4.40	0.0011	>=-2.5 & <=2.5	Pass
				HV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	11.50	0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	4.00	0.0010	>=-2.5 & <=2.5	Pass
				HV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass

			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	7.40	0.0019	>=-2.5 & <=2.5	Pass
				HV	10.00	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	5.80
HV	7.90	0.0021					>=-2.5 & <=2.5	Pass
-30	NV	7.00				0.0018	>=-2.5 & <=2.5	Pass
-20	NV	6.10				0.0016	>=-2.5 & <=2.5	Pass
-10	NV	9.30				0.0024	>=-2.5 & <=2.5	Pass
0	NV	6.30				0.0016	>=-2.5 & <=2.5	Pass
10	NV	11.70				0.0030	>=-2.5 & <=2.5	Pass
20	NV	7.60				0.0020	>=-2.5 & <=2.5	Pass
30	NV	8.30				0.0022	>=-2.5 & <=2.5	Pass
40	NV	3.70				0.0010	>=-2.5 & <=2.5	Pass
50	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3840	Outer_Full	20	LV	2.90	0.0008	>=-2.5 & <=2.5	Pass
				HV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	12.50	0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
40	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass			
50	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3.20	0.0008	>=-2.5 & <=2.5	Pass
				HV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
40	NV	10.10	0.0026	>=-2.5 & <=2.5	Pass			
50	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	4.80	0.0013	>=-2.5 & <=2.5	Pass
				HV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
40	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass			
50	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	6.80	0.0018	>=-2.5 & <=2.5	Pass

				HV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass

2.1.7 15k_SISO_50MHz

5G NR n77a SCS=15kHz SISO 50MHz								
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	8.90	0.0023	>=-2.5 & <=2.5	Pass
				HV	9.60	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	11.30	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass
			0	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	9.70	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	5.20	0.0014	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	8.90	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	7.70	0.0020	>=-2.5 & <=2.5	Pass
				HV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	11.80	0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	13.20	0.0034	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	10.40	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	12.70	0.0033	>=-2.5 & <=2.5	Pass

			30	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			50	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3.20	0.0008	>=-2.5 & <=2.5	Pass
				HV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			50	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	3840	Outer_Full	20	LV	9.40
HV	8.50	0.0022					>=-2.5 & <=2.5	Pass
-30	NV	9.40				0.0024	>=-2.5 & <=2.5	Pass
-20	NV	9.40				0.0024	>=-2.5 & <=2.5	Pass
-10	NV	7.10				0.0018	>=-2.5 & <=2.5	Pass
0	NV	5.70				0.0015	>=-2.5 & <=2.5	Pass
10	NV	10.20				0.0027	>=-2.5 & <=2.5	Pass
20	NV	7.90				0.0021	>=-2.5 & <=2.5	Pass
30	NV	13.80				0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	7.60	0.0020	>=-2.5 & <=2.5	Pass
				HV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	10.40	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3.60	0.0009	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	11.50	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
40	NV	9.70	0.0025	>=-2.5 & <=2.5	Pass			
50	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass			

2.1.8 30k_SISO_10MHz

5G NR n77a SCS=30kHz SISO 10MHz								
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	11.20	0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	6.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.90	0.0013	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	9.00	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.70	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.70	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	6.30	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	4.30	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	9.60	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.90	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	4.40	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	7.60	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	12.10	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	9.90	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.80	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.10	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	50	NV	4.50	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	4.00	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	3.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.40	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.10	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	8.50	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.10	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	40	NV	4.40	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.60	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	8.50	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.90	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.70	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	13.50	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	30	NV	2.10	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.50	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	7.70	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	5.40	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	7.60	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.50	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.50	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.00	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	NV	2.30	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.20	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	6.60	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	2.10	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.60	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.10	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	6.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.10	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.70	0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	-1.70	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	0.60	0.0002	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.20	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.10	0.0008	≥ -2.5 & ≤ 2.5	Pass

2.1.9 30k_SISO_15MHz

5G NR n77a SCS=30kHz SISO 15MHz								
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	5.10	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.20	0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.50	0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.70	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.90	0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.00	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.00	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.30	0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	13.60	0.0035	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	NV	8.90	0.0023	≥ -2.5 & ≤ 2.5	Pass
				NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.60	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.60	0.0020	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	13.30	0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.00	0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	9.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	7.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	7.80	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.80	0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.00	0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	9.20	0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	50	NV	4.70	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	5.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.40	0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	40	NV	6.90	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	5.10	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	7.80	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.40	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.70	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.40	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	30	NV	4.40	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.20	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	4.90	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.90	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.20	-0.0008	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.90	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.00	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.30	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.40	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.20	0.0016	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass

2.1.10 30k_SISO_20MHz

5G NR n77a SCS=30kHz SISO 20MHz								
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	5.70	0.0015	>=-2.5 & <=2.5	Pass
				HV	12.90	0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	10.40	0.0027	>=-2.5 & <=2.5	Pass
			0	NV	8.90	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	12.70	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	7.60	0.0020	>=-2.5 & <=2.5	Pass
				HV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	11.80	0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	5.10	0.0013	>=-2.5 & <=2.5	Pass
				HV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	8.00	0.0021	>=-2.5 & <=2.5	Pass
				HV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
				LV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass

			-10	NV	9.40	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	-0.30	-0.0001	>=-2.5 & <=2.5	Pass
				HV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	50	NV	1.60	0.0004	>=-2.5 & <=2.5	Pass
			20	LV	6.00	0.0016	>=-2.5 & <=2.5	Pass
				HV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-1.70	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	40	NV	2.10	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			20	LV	4.40	0.0011	>=-2.5 & <=2.5	Pass
				HV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-1.30	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass

2.1.11 30k_SISO_25MHz

5G NR n77a SCS=30kHz SISO 25MHz								
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	8.90	0.0023	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	5.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	7.50	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.10	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.00	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	12.50	0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	11.20	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.60	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	8.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	8.70	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.90	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.70	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	8.10	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.10	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.10	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.90	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	5.00	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.90	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.10	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	11.00	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.70	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	4.20	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.50	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	11.30	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	8.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	5.00	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	3.90	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.70	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.00	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.90	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3.10	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	2.40	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			50	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3.00	0.0008	>=-2.5 & <=2.5	Pass
				HV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			50	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass

2.1.12 30k_SISO_30MHz

5G NR n77a SCS=30kHz SISO 30MHz								
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	9.50	0.0025	>=-2.5 & <=2.5	Pass
				HV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	8.90	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	9.60	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3.20	0.0008	>=-2.5 & <=2.5	Pass
				HV	16.00	0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	9.70	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			50	NV	11.10	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	6.10	0.0016	>=-2.5 & <=2.5	Pass
				HV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	9.70	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	12.30	0.0032	>=-2.5 & <=2.5	Pass
			0	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	13.20	0.0034	>=-2.5 & <=2.5	Pass
			20	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	9.40	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	10.00	0.0026	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	12.80	0.0033	>=-2.5 & <=2.5	Pass
				HV	9.70	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	8.20	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	10.70	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	5.40	0.0014	>=-2.5 & <=2.5	Pass
				HV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	5.30	0.0014	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	5.30	0.0014	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	0.50	0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	1.00	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	5.20	0.0014	>=-2.5 & <=2.5	Pass
				HV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	5.40	0.0014	>=-2.5 & <=2.5	Pass
				HV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass

2.1.13 30k_SISO_40MHz

5G NR n77a SCS=30kHz SISO 40MHz								
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	10.70	0.0028	>=-2.5 & <=2.5	Pass
				HV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	11.80	0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	8.10	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	6.10	0.0016	>=-2.5 & <=2.5	Pass
				HV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	11.50	0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	6.40	0.0017	>=-2.5 & <=2.5	Pass
				HV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	9.60	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	7.00	0.0018	>=-2.5 & <=2.5	Pass
				HV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	8.20	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	16.50	0.0043	>=-2.5 & <=2.5	Pass
			0	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass
			30	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	-6.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
				LV	5.10	0.0013	>=-2.5 & <=2.5	Pass

				HV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-0.70	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	5.50	0.0014	>=-2.5 & <=2.5	Pass
				HV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	4.60	0.0012	>=-2.5 & <=2.5	Pass
				HV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	8.90	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass

2.1.14 30k_SISO_50MHz

5G NR n77a SCS=30kHz SISO 50MHz								
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	9.20	0.0024	>=-2.5 & <=2.5	Pass
				HV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	14.40	0.0038	>=-2.5 & <=2.5	Pass
			40	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	8.00	0.0021	>=-2.5 & <=2.5	Pass
				HV	11.80	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	16.20	0.0042	>=-2.5 & <=2.5	Pass
			0	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass

			30	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			50	NV	12.60	0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	7.70	0.0020	>=-2.5 & <=2.5	Pass
				HV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	12.00	0.0031	>=-2.5 & <=2.5	Pass
			40	NV	15.40	0.0040	>=-2.5 & <=2.5	Pass
			50	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	5.80
HV	7.40	0.0019					>=-2.5 & <=2.5	Pass
-30	NV	13.30				0.0035	>=-2.5 & <=2.5	Pass
-20	NV	6.10				0.0016	>=-2.5 & <=2.5	Pass
-10	NV	6.30				0.0016	>=-2.5 & <=2.5	Pass
0	NV	8.10				0.0021	>=-2.5 & <=2.5	Pass
10	NV	6.90				0.0018	>=-2.5 & <=2.5	Pass
20	NV	5.10				0.0013	>=-2.5 & <=2.5	Pass
30	NV	5.90				0.0015	>=-2.5 & <=2.5	Pass
40	NV	11.20				0.0029	>=-2.5 & <=2.5	Pass
50	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3840	Outer_Full	20	LV	2.40	0.0006	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
40	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass			
50	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	4.90	0.0013	>=-2.5 & <=2.5	Pass
				HV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
40	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass			
50	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	4.20	0.0011	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	8.20	0.0021	>=-2.5 & <=2.5	Pass
40	NV	-0.60	-0.0002	>=-2.5 & <=2.5	Pass			
50	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	4.70	0.0012	>=-2.5 & <=2.5	Pass

				HV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	12.80	0.0033	>=-2.5 & <=2.5	Pass
			20	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass

2.1.15 30k_SISO_60MHz

5G NR n77a SCS=30kHz SISO 60MHz								
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	5.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	10.40	0.0027	>=-2.5 & <=2.5	Pass
				HV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	5.70	0.0015	>=-2.5 & <=2.5	Pass
				HV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	10.00	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	7.60	0.0020	>=-2.5 & <=2.5	Pass
				HV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	12.20	0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	11.30	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass

			30	NV	7.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	6.90	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.20	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.10	0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.30	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.10	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.00	0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.50	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.00	-0.0003	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	4.90	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.30	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.50	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	8.60	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	4.00	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.50	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.20	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass

2.1.16 30k_SISO_70MHz

5G NR n77a SCS=30kHz SISO 70MHz								
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	5.50	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.50	0.0027	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	14.60	0.0038	≥ -2.5 & ≤ 2.5	Pass
			0	NV	11.20	0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	13.40	0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	11.10	0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	15.30	0.0040	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.10	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	12.20	0.0032	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	10.10	0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	9.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.00	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.60	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	16.80	0.0044	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.60	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	50	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	LV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	7.00	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	10.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.30	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.10	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	40	NV	6.30	0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	10.60	0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.70	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	12.60	0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	12.40	0.0032	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	30	NV	-3.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	7.00	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	LV	6.70	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.30	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.10	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.70	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.60	0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.20	0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.20	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.70	-0.0012	≥ -2.5 & ≤ 2.5	Pass

			30	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	5.90	0.0015	>=-2.5 & <=2.5	Pass
				HV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	4.90	0.0013	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass

2.1.17 30k_SISO_80MHz

5G NR n77a SCS=30kHz SISO 80MHz								
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	7.60	0.0020	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	13.40	0.0035	>=-2.5 & <=2.5	Pass
			20	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	5.30	0.0014	>=-2.5 & <=2.5	Pass
				HV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	11.90	0.0031	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	NV	12.00	0.0031	>=-2.5 & <=2.5	Pass
				LV	2.80	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	11.20	0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	8.90	0.0023	>=-2.5 & <=2.5	Pass

			-10	NV	7.80	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.40	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	9.90	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.50	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	13.20	0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	7.60	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	9.80	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	10.20	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	10.70	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	15.40	0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	13.50	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	9.40	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	50	NV	10.70	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	4.90	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.60	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.00	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	7.80	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	7.50	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	40	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.10	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	3.70	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.90	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.50	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	7.80	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.50	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.20	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3840	Outer_Full	30	NV	3.70	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	6.70	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.00	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.10	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.90	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	9.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.20	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.40	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	NV	2.10	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	6.90	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.40	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.00	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	4.40	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.60	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	7.00	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			50	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass

2.1.18 30k_SISO_90MHz

5G NR n77a SCS=30kHz SISO 90MHz								
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	7.30	0.0019	>=-2.5 & <=2.5	Pass
				HV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	11.10	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			50	NV	10.70	0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	5.10	0.0013	>=-2.5 & <=2.5	Pass
				HV	10.70	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	9.70	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	15.10	0.0039	>=-2.5 & <=2.5	Pass
			30	NV	12.80	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	13.30	0.0035	>=-2.5 & <=2.5	Pass
			50	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	10.10	0.0026	>=-2.5 & <=2.5	Pass
				HV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	13.70	0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	10.00	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	10.80	0.0028	>=-2.5 & <=2.5	Pass
			10	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	10.90	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	5.60	0.0015	>=-2.5 & <=2.5	Pass
				HV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	5.40	0.0014	>=-2.5 & <=2.5	Pass
				HV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass

			-10	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
				HV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	50	NV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			20	LV	2.30	0.0006	>=-2.5 & <=2.5	Pass
				HV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	40	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	8.60	0.0022	>=-2.5 & <=2.5	Pass
			20	LV	2.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	1.70	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	5.10	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass

2.1.19 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	4.60	0.0012	>=-2.5 & <=2.5	Pass
				HV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	9.20	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	5.50	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	13.20	0.0034	>=-2.5 & <=2.5	Pass
			50	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	8.80	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.10	0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.10	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.20	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.10	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.60	0.0017	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	5.90	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	10.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	12.60	0.0033	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	6.30	0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	3.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.80	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.10	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	5.30	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.00	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.20	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	3.60	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.20	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.50	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	8.10	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	1.90	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.30	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.10	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.60	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.00	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.60	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.80	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_50MHz_NTNV

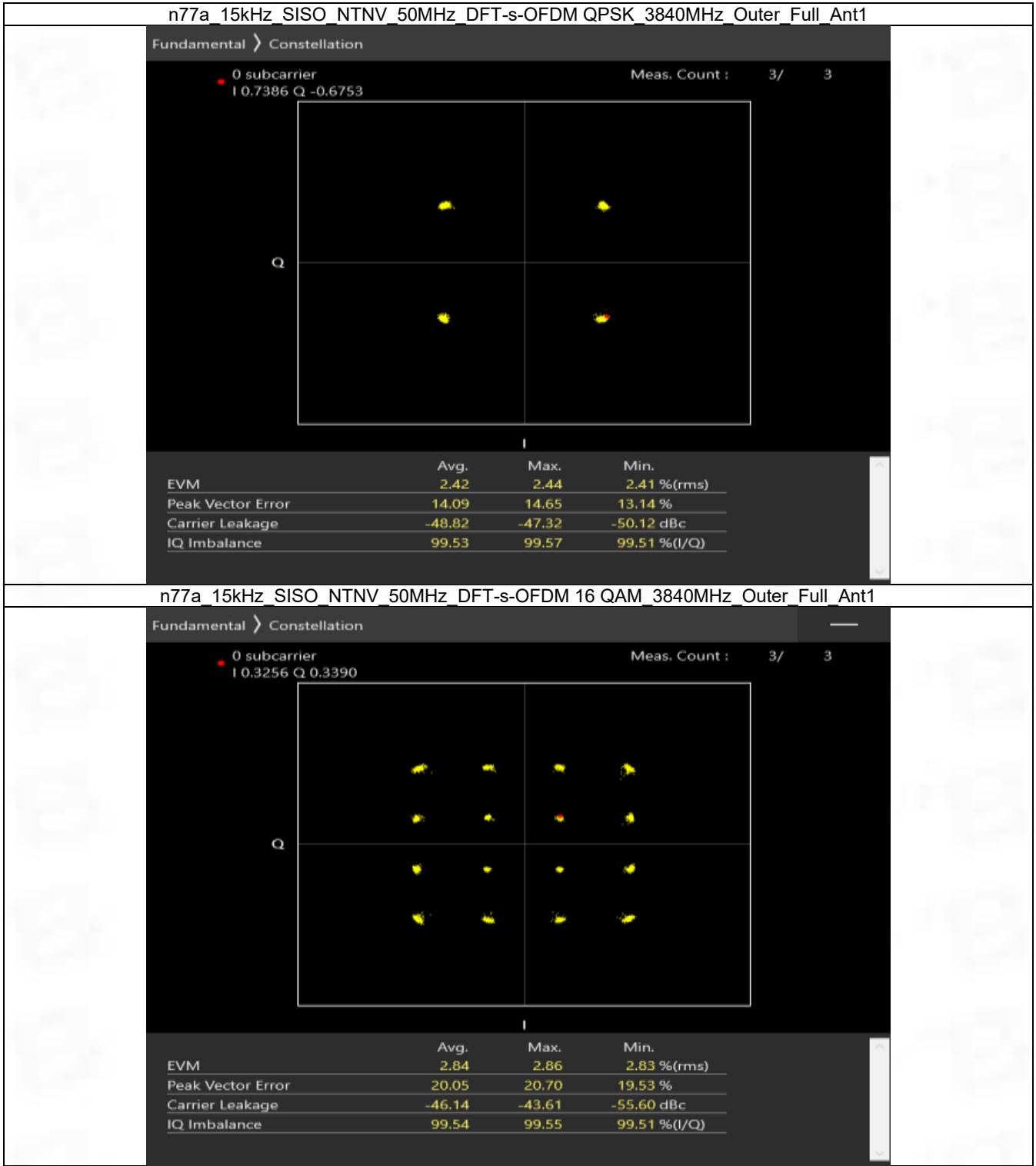
5G NR n77a SCS=15kHz SISO 50MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3840	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3840	Outer_Full	Refer To Test Graph				Pass

3.1.2 30k_SISO_100MHz_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3840	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3840	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3840	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

3.2.1 15k_SISO_50MHz_NTNV



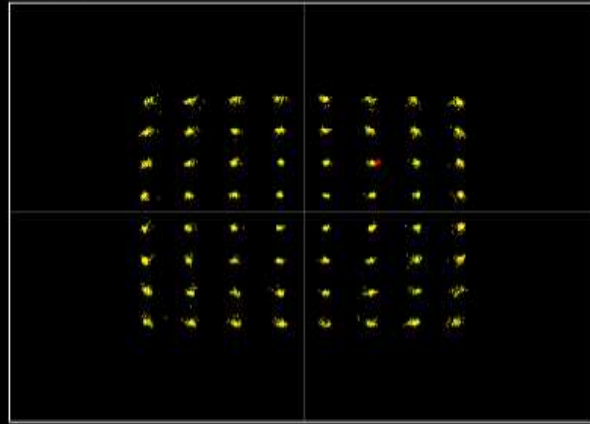
n77a 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5075 Q 0.4759

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.83	2.89	2.79 %(rms)
Peak Vector Error	19.72	20.86	18.45 %
Carrier Leakage	-45.81	-43.32	-48.80 dBc
IQ Imbalance	99.52	99.54	99.51 %(I/Q)

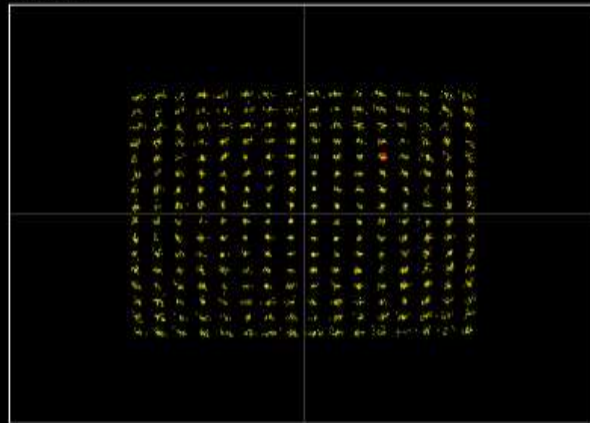
n77a 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5534 Q 0.5631

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.63	2.64	2.60 %(rms)
Peak Vector Error	9.97	10.15	9.82 %
Carrier Leakage	-44.83	-41.83	-51.01 dBc
IQ Imbalance	99.49	99.51	99.46 %(I/Q)

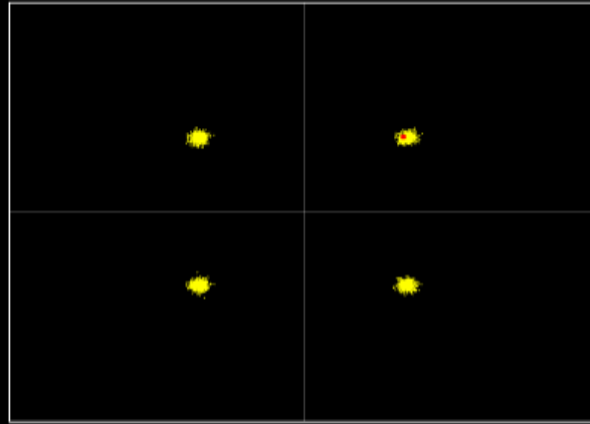
n77a 15kHz SISO NTN 50MHz CP-OFDM QPSK 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.6883 Q 0.7156

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	4.04	4.05	4.04 %(rms)
Peak Vector Error	14.42	15.18	12.94 %
Carrier Leakage	-43.62	-42.63	-44.46 dBc

n77a 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.2859 Q 0.2739

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	4.14	4.16	4.13 %(rms)
Peak Vector Error	14.51	15.01	14.10 %
Carrier Leakage	-45.86	-44.91	-46.81 dBc

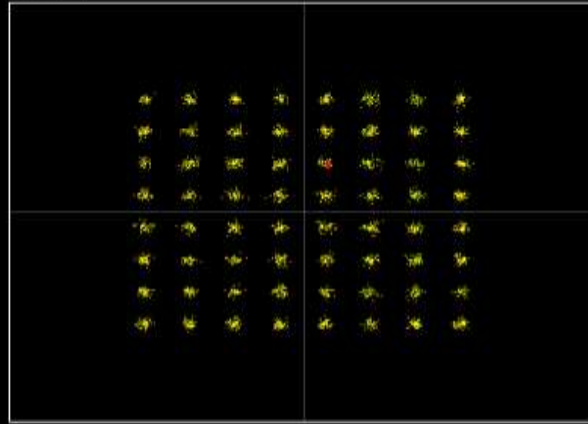
n77a 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1701 Q 0.4557

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	3.74	3.76	3.73 %(rms)
Peak Vector Error	13.23	13.73	12.39 %
Carrier Leakage	-47.10	-44.61	-59.74 dBc

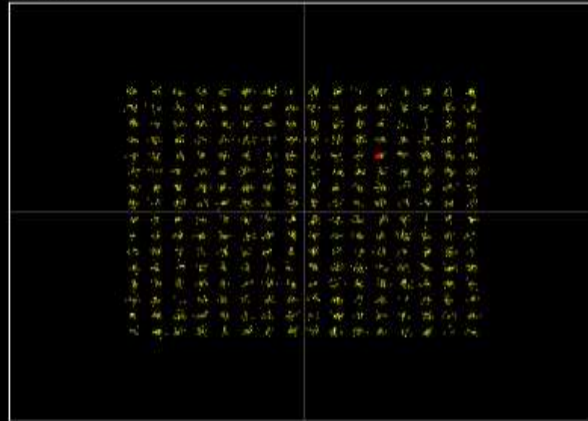
n77a 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5127 Q 0.5304

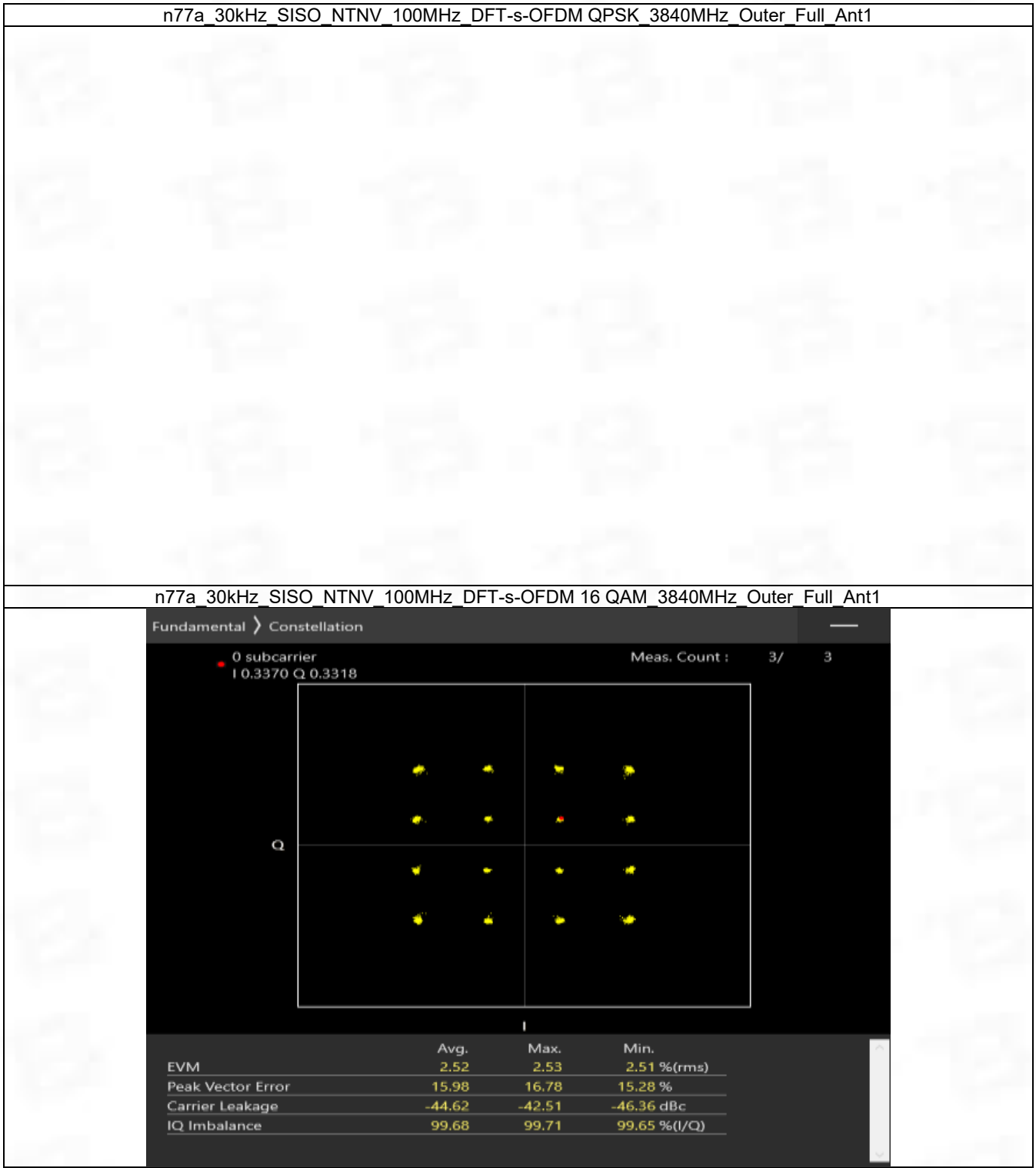
Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.77	2.78	2.75 %(rms)
Peak Vector Error	9.25	9.63	8.91 %
Carrier Leakage	-45.69	-43.61	-47.34 dBc

3.2.2 30k_SISO_100MHz_NTNV



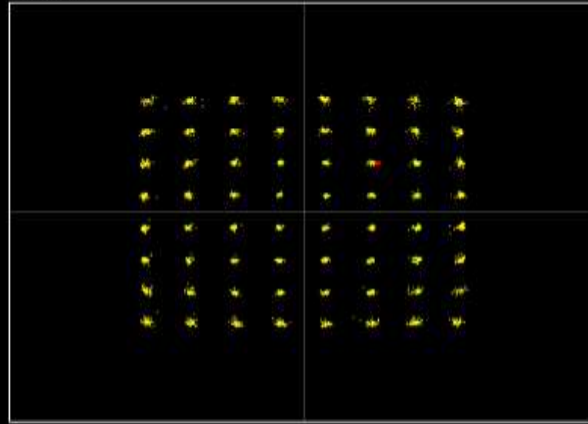
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5091 Q 0.4604

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.73	2.74	2.73 %(rms)
Peak Vector Error	18.41	19.56	16.94 %
Carrier Leakage	-45.93	-43.44	-48.71 dBc
IQ Imbalance	99.68	99.72	99.66 %(I/Q)

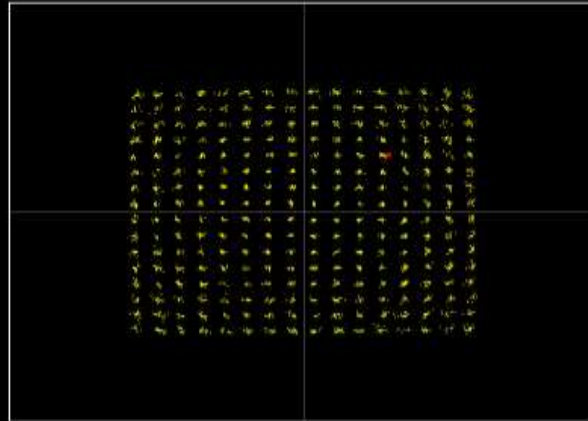
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5842 Q 0.5362

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.45	2.48	2.41 %(rms)
Peak Vector Error	10.75	11.98	9.79 %
Carrier Leakage	-44.94	-42.69	-50.91 dBc
IQ Imbalance	99.66	99.68	99.63 %(I/Q)

n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.7646 Q -0.737

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	3.95	3.98	3.90 %(rms)
Peak Vector Error	13.62	14.16	13.34 %
Carrier Leakage	-42.40	-41.78	-43.03 dBc
IQ Imbalance	99.63	99.67	99.60 %(I/Q)

n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.3295 Q 0.3447

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	3.90	3.91	3.89 %(rms)
Peak Vector Error	14.23	14.77	13.73 %
Carrier Leakage	-43.60	-40.72	-49.11 dBc
IQ Imbalance	99.68	99.69	99.66 %(I/Q)

n77a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1919 Q 0.4647

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	3.47	3.49	3.43 %(rms)
Peak Vector Error	12.61	13.01	11.96 %
Carrier Leakage	-45.13	-42.77	-50.02 dBc
IQ Imbalance	99.68	99.70	99.66 %(I/Q)

n77a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_10MHz_NTNV

5G NR n77a SCS=15kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3705	Outer_Full	9.07	9.85	/	Pass
	3840	Outer_Full	9.07	10.00	/	Pass
	3975	Outer_Full	9.06	9.96	/	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	9.12	10.64	/	Pass
	3840	Outer_Full	9.10	9.92	/	Pass
	3975	Outer_Full	9.09	9.71	/	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	9.09	9.78	/	Pass
	3840	Outer_Full	9.13	9.89	/	Pass
	3975	Outer_Full	9.11	10.20	/	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	9.09	10.13	/	Pass
	3840	Outer_Full	9.08	10.25	/	Pass
	3975	Outer_Full	9.09	10.39	/	Pass
CP-OFDM QPSK	3705	Outer_Full	9.58	16.50	/	Pass
	3840	Outer_Full	9.41	10.59	/	Pass
	3975	Outer_Full	9.40	11.44	/	Pass
CP-OFDM 16 QAM	3705	Outer_Full	9.56	18.76	/	Pass
	3840	Outer_Full	9.43	12.94	/	Pass
	3975	Outer_Full	9.45	12.85	/	Pass
CP-OFDM 64 QAM	3705	Outer_Full	9.53	17.91	/	Pass
	3840	Outer_Full	9.44	10.09	/	Pass
	3975	Outer_Full	9.46	10.69	/	Pass
CP-OFDM 256 QAM	3705	Outer_Full	9.38	10.09	/	Pass
	3840	Outer_Full	9.38	10.04	/	Pass
	3975	Outer_Full	9.39	10.04	/	Pass

4.1.2 15k_SISO_15MHz_NTNV

5G NR n77a SCS=15kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3707.505	Outer_Full	13.60	14.68	/	Pass
	3840	Outer_Full	13.63	14.79	/	Pass
	3972.495	Outer_Full	13.66	15.23	/	Pass
DFT-s-OFDM 16 QAM	3707.505	Outer_Full	13.66	14.89	/	Pass
	3840	Outer_Full	13.64	14.60	/	Pass
	3972.495	Outer_Full	13.65	15.21	/	Pass
DFT-s-OFDM 64 QAM	3707.505	Outer_Full	13.61	14.69	/	Pass
	3840	Outer_Full	13.60	14.72	/	Pass
	3972.495	Outer_Full	13.65	14.71	/	Pass
DFT-s-OFDM 256 QAM	3707.505	Outer_Full	13.61	14.97	/	Pass
	3840	Outer_Full	13.66	14.72	/	Pass
	3972.495	Outer_Full	13.67	14.57	/	Pass
CP-OFDM QPSK	3707.505	Outer_Full	14.38	22.54	/	Pass
	3840	Outer_Full	14.24	17.14	/	Pass
	3972.495	Outer_Full	14.27	15.30	/	Pass

CP-OFDM 16 QAM	3707.505	Outer_Full	14.36	26.03	/	Pass
	3840	Outer_Full	14.27	15.33	/	Pass
	3972.495	Outer_Full	14.33	20.80	/	Pass
CP-OFDM 64 QAM	3707.505	Outer_Full	14.37	17.06	/	Pass
	3840	Outer_Full	14.30	15.34	/	Pass
	3972.495	Outer_Full	14.30	15.26	/	Pass
CP-OFDM 256 QAM	3707.505	Outer_Full	14.32	15.24	/	Pass
	3840	Outer_Full	14.34	15.22	/	Pass
	3972.495	Outer_Full	14.25	15.21	/	Pass

4.1.3 15k_SISO_20MHz_NTNV

5G NR n77a SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3710.01	Outer_Full	18.11	19.52	/	Pass
	3840	Outer_Full	18.14	19.42	/	Pass
	3969.99	Outer_Full	18.18	19.34	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	18.12	19.38	/	Pass
	3840	Outer_Full	18.09	19.56	/	Pass
	3969.99	Outer_Full	18.16	19.69	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.20	19.56	/	Pass
	3840	Outer_Full	18.20	20.60	/	Pass
	3969.99	Outer_Full	18.11	19.57	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.10	19.51	/	Pass
	3840	Outer_Full	18.12	19.38	/	Pass
	3969.99	Outer_Full	18.11	19.36	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	19.32	27.14	/	Pass
	3840	Outer_Full	19.23	23.02	/	Pass
	3969.99	Outer_Full	19.27	24.26	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	19.23	27.86	/	Pass
	3840	Outer_Full	19.23	22.20	/	Pass
	3969.99	Outer_Full	19.23	22.97	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	19.24	25.81	/	Pass
	3840	Outer_Full	19.17	21.64	/	Pass
	3969.99	Outer_Full	19.21	20.70	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	19.14	20.46	/	Pass
	3840	Outer_Full	19.14	20.43	/	Pass
	3969.99	Outer_Full	19.14	20.43	/	Pass

4.1.4 15k_SISO_25MHz_NTNV

5G NR n77a SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3712.5	Outer_Full	23.08	24.61	/	Pass
	3840	Outer_Full	23.14	24.66	/	Pass
	3967.5	Outer_Full	23.13	24.68	/	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.08	24.78	/	Pass
	3840	Outer_Full	23.08	24.85	/	Pass
	3967.5	Outer_Full	23.14	24.87	/	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	23.14	25.00	/	Pass
	3840	Outer_Full	23.16	24.93	/	Pass
	3967.5	Outer_Full	23.10	24.77	/	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	23.11	24.65	/	Pass
	3840	Outer_Full	23.00	24.70	/	Pass

	3967.5	Outer_Full	23.05	24.71	/	Pass
CP-OFDM QPSK	3712.5	Outer_Full	24.10	36.26	/	Pass
	3840	Outer_Full	23.97	33.16	/	Pass
	3967.5	Outer_Full	23.98	32.73	/	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	24.06	42.70	/	Pass
	3840	Outer_Full	23.91	29.11	/	Pass
	3967.5	Outer_Full	23.91	29.98	/	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	24.09	34.23	/	Pass
	3840	Outer_Full	23.89	27.16	/	Pass
	3967.5	Outer_Full	24.01	29.34	/	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	23.83	25.63	/	Pass
	3840	Outer_Full	23.77	25.49	/	Pass
	3967.5	Outer_Full	23.86	25.48	/	Pass

4.1.5 15k_SISO_30MHz_NTNV

5G NR n77a SCS=15kHz SISO 30MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3715.005	Outer_Full	28.98	30.86	/	Pass
	3840	Outer_Full	28.86	30.83	/	Pass
	3964.995	Outer_Full	28.82	30.89	/	Pass
DFT-s-OFDM 16 QAM	3715.005	Outer_Full	28.90	30.76	/	Pass
	3840	Outer_Full	28.83	30.68	/	Pass
	3964.995	Outer_Full	28.92	30.83	/	Pass
DFT-s-OFDM 64 QAM	3715.005	Outer_Full	28.93	30.86	/	Pass
	3840	Outer_Full	28.90	30.75	/	Pass
	3964.995	Outer_Full	29.09	30.85	/	Pass
DFT-s-OFDM 256 QAM	3715.005	Outer_Full	28.86	30.86	/	Pass
	3840	Outer_Full	28.91	30.80	/	Pass
	3964.995	Outer_Full	28.91	30.76	/	Pass
CP-OFDM QPSK	3715.005	Outer_Full	29.18	42.75	/	Pass
	3840	Outer_Full	28.94	35.82	/	Pass
	3964.995	Outer_Full	28.94	35.03	/	Pass
CP-OFDM 16 QAM	3715.005	Outer_Full	29.09	42.37	/	Pass
	3840	Outer_Full	28.94	32.42	/	Pass
	3964.995	Outer_Full	28.94	32.20	/	Pass
CP-OFDM 64 QAM	3715.005	Outer_Full	28.95	40.60	/	Pass
	3840	Outer_Full	28.92	30.99	/	Pass
	3964.995	Outer_Full	28.91	35.63	/	Pass
CP-OFDM 256 QAM	3715.005	Outer_Full	28.86	30.76	/	Pass
	3840	Outer_Full	28.91	30.83	/	Pass
	3964.995	Outer_Full	28.88	30.80	/	Pass

4.1.6 15k_SISO_40MHz_NTNV

5G NR n77a SCS=15kHz SISO 40MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3720	Outer_Full	39.21	41.54	/	Pass
	3840	Outer_Full	39.06	41.46	/	Pass
	3960	Outer_Full	38.92	41.58	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	38.99	41.51	/	Pass
	3840	Outer_Full	39.03	41.48	/	Pass
	3960	Outer_Full	38.89	41.39	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	39.18	41.49	/	Pass

DFT-s-OFDM 256 QAM	3840	Outer_Full	38.94	41.37	/	Pass
	3960	Outer_Full	39.08	41.59	/	Pass
	3720	Outer_Full	39.00	41.55	/	Pass
	3840	Outer_Full	39.01	41.44	/	Pass
	3960	Outer_Full	39.03	41.52	/	Pass
CP-OFDM QPSK	3720	Outer_Full	39.29	56.71	/	Pass
	3840	Outer_Full	39.11	47.43	/	Pass
	3960	Outer_Full	39.21	50.91	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	39.17	51.94	/	Pass
	3840	Outer_Full	39.07	46.39	/	Pass
	3960	Outer_Full	39.15	41.60	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	39.16	46.08	/	Pass
	3840	Outer_Full	39.09	43.06	/	Pass
	3960	Outer_Full	39.01	45.90	/	Pass
CP-OFDM 256 QAM	3720	Outer_Full	38.99	41.43	/	Pass
	3840	Outer_Full	38.95	41.48	/	Pass
	3960	Outer_Full	39.01	41.42	/	Pass

4.1.7 15k_SISO_50MHz_NTNV

5G NR n77a SCS=15kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3725.01	Outer_Full	48.54	51.79	/	Pass
	3840	Outer_Full	48.57	51.74	/	Pass
	3954.99	Outer_Full	48.49	51.74	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	48.55	51.87	/	Pass
	3840	Outer_Full	48.43	51.70	/	Pass
	3954.99	Outer_Full	48.59	51.86	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	48.54	51.73	/	Pass
	3840	Outer_Full	48.41	51.73	/	Pass
	3954.99	Outer_Full	48.63	51.76	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	48.49	51.86	/	Pass
	3840	Outer_Full	48.43	51.81	/	Pass
	3954.99	Outer_Full	48.79	51.78	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	43.96	61.03	/	Pass
	3840	Outer_Full	43.68	54.65	/	Pass
	3954.99	Outer_Full	43.81	57.59	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	43.97	64.53	/	Pass
	3840	Outer_Full	43.75	49.29	/	Pass
	3954.99	Outer_Full	43.92	61.49	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	43.92	55.92	/	Pass
	3840	Outer_Full	43.67	51.60	/	Pass
	3954.99	Outer_Full	43.85	51.47	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	43.63	46.70	/	Pass
	3840	Outer_Full	43.70	46.78	/	Pass
	3954.99	Outer_Full	43.73	46.86	/	Pass

4.1.8 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 QPSK	3705	Outer_Full	8.85	10.61	/	Pass
	3840	Outer_Full	8.69	9.56	/	Pass
	3975	Outer_Full	8.80	9.66	/	Pass

DFT-s-OFDM 16 QAM	3705	Outer_Full	8.87	9.75	/	Pass
	3840	Outer_Full	8.67	9.73	/	Pass
	3975	Outer_Full	8.92	9.50	/	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	8.92	9.50	/	Pass
	3840	Outer_Full	8.85	9.44	/	Pass
	3975	Outer_Full	8.69	9.84	/	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	8.80	9.78	/	Pass
	3840	Outer_Full	8.69	10.82	/	Pass
	3975	Outer_Full	8.88	9.26	/	Pass
CP-OFDM QPSK	3705	Outer_Full	8.79	16.04	/	Pass
	3840	Outer_Full	8.80	10.17	/	Pass
	3975	Outer_Full	8.76	10.57	/	Pass
CP-OFDM 16 QAM	3705	Outer_Full	8.81	15.08	/	Pass
	3840	Outer_Full	8.74	9.77	/	Pass
	3975	Outer_Full	8.92	10.74	/	Pass
CP-OFDM 64 QAM	3705	Outer_Full	8.74	13.41	/	Pass
	3840	Outer_Full	8.73	10.93	/	Pass
	3975	Outer_Full	8.75	12.08	/	Pass
CP-OFDM 256 QAM	3705	Outer_Full	8.96	9.78	/	Pass
	3840	Outer_Full	8.71	11.22	/	Pass
	3975	Outer_Full	8.90	9.54	/	Pass

4.1.9 30k_SISO_15MHz_NTNV

5G NR n77a SCS=30kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3707.52	Outer_Full	13.26	14.28	/	Pass
	3840	Outer_Full	13.12	16.41	/	Pass
	3972.48	Outer_Full	13.13	14.74	/	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	13.09	14.11	/	Pass
	3840	Outer_Full	13.26	13.90	/	Pass
	3972.48	Outer_Full	13.33	14.29	/	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	13.36	14.16	/	Pass
	3840	Outer_Full	13.44	15.39	/	Pass
	3972.48	Outer_Full	13.16	14.28	/	Pass
DFT-s-OFDM 256 QAM	3707.52	Outer_Full	13.07	16.79	/	Pass
	3840	Outer_Full	13.27	14.28	/	Pass
	3972.48	Outer_Full	13.29	14.03	/	Pass
CP-OFDM QPSK	3707.52	Outer_Full	13.89	23.24	/	Pass
	3840	Outer_Full	13.81	15.32	/	Pass
	3972.48	Outer_Full	13.81	19.90	/	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	14.07	17.81	/	Pass
	3840	Outer_Full	14.01	15.09	/	Pass
	3972.48	Outer_Full	13.84	17.47	/	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	14.11	14.82	/	Pass
	3840	Outer_Full	14.14	15.51	/	Pass
	3972.48	Outer_Full	13.76	15.40	/	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	13.81	18.01	/	Pass
	3840	Outer_Full	14.25	16.83	/	Pass
	3972.48	Outer_Full	13.92	14.60	/	Pass

4.1.10 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTNV						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	3710.01	Outer_Full	18.12	20.67	/	Pass
	3840	Outer_Full	18.50	19.52	/	Pass
	3969.99	Outer_Full	18.46	19.61	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	18.45	20.09	/	Pass
	3840	Outer_Full	18.12	19.68	/	Pass
	3969.99	Outer_Full	18.21	19.77	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.27	19.47	/	Pass
	3840	Outer_Full	18.53	19.44	/	Pass
	3969.99	Outer_Full	18.16	19.81	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.45	19.16	/	Pass
	3840	Outer_Full	18.48	19.23	/	Pass
	3969.99	Outer_Full	18.18	19.59	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	18.95	20.11	/	Pass
	3840	Outer_Full	18.54	23.17	/	Pass
	3969.99	Outer_Full	18.59	19.36	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	18.65	19.86	/	Pass
	3840	Outer_Full	18.54	19.47	/	Pass
	3969.99	Outer_Full	18.87	22.71	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	18.94	23.73	/	Pass
	3840	Outer_Full	18.78	20.40	/	Pass
	3969.99	Outer_Full	18.54	26.16	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	18.82	19.48	/	Pass
	3840	Outer_Full	18.46	19.87	/	Pass
	3969.99	Outer_Full	18.93	21.76	/	Pass

4.1.11 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 QPSK	3712.5	Outer_Full	23.12	25.85	/	Pass
	3840	Outer_Full	23.48	25.23	/	Pass
	3967.5	Outer_Full	23.27	26.08	/	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.57	24.66	/	Pass
	3840	Outer_Full	23.62	25.39	/	Pass
	3967.5	Outer_Full	23.55	24.51	/	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	23.27	25.60	/	Pass
	3840	Outer_Full	23.12	25.10	/	Pass
	3967.5	Outer_Full	23.24	25.16	/	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	23.55	24.68	/	Pass
	3840	Outer_Full	23.05	24.29	/	Pass
	3967.5	Outer_Full	23.22	25.83	/	Pass
CP-OFDM QPSK	3712.5	Outer_Full	23.97	24.83	/	Pass
	3840	Outer_Full	23.92	24.86	/	Pass
	3967.5	Outer_Full	23.52	24.71	/	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	23.73	38.19	/	Pass
	3840	Outer_Full	23.43	25.52	/	Pass
	3967.5	Outer_Full	23.98	25.88	/	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	23.93	24.88	/	Pass
	3840	Outer_Full	23.44	27.69	/	Pass
	3967.5	Outer_Full	23.93	24.91	/	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	23.80	24.90	/	Pass
	3840	Outer_Full	23.44	25.98	/	Pass
	3967.5	Outer_Full	23.86	25.41	/	Pass

4.1.12 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 QPSK	3715.02	Outer_Full	27.27	29.62	/	Pass
	3840	Outer_Full	27.82	29.19	/	Pass
	3964.98	Outer_Full	27.77	29.04	/	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	27.14	29.23	/	Pass
	3840	Outer_Full	27.03	28.58	/	Pass
	3964.98	Outer_Full	27.49	28.71	/	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	27.71	28.89	/	Pass
	3840	Outer_Full	27.89	29.58	/	Pass
	3964.98	Outer_Full	27.77	28.95	/	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	27.72	28.96	/	Pass
	3840	Outer_Full	27.22	29.46	/	Pass
	3964.98	Outer_Full	27.27	29.45	/	Pass
CP-OFDM QPSK	3715.02	Outer_Full	28.91	30.38	/	Pass
	3840	Outer_Full	28.20	30.36	/	Pass
	3964.98	Outer_Full	28.22	36.38	/	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	28.95	30.21	/	Pass
	3840	Outer_Full	28.77	30.04	/	Pass
	3964.98	Outer_Full	28.77	30.01	/	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	28.77	29.81	/	Pass
	3840	Outer_Full	28.14	33.54	/	Pass
	3964.98	Outer_Full	28.23	30.49	/	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	28.75	29.78	/	Pass
	3840	Outer_Full	28.86	30.15	/	Pass
	3964.98	Outer_Full	28.79	29.80	/	Pass

4.1.13 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 QPSK	3720	Outer_Full	36.21	38.95	/	Pass
	3840	Outer_Full	36.66	38.02	/	Pass
	3960	Outer_Full	36.38	38.64	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	36.39	39.64	/	Pass
	3840	Outer_Full	36.97	38.36	/	Pass
	3960	Outer_Full	36.89	38.77	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	37.01	38.67	/	Pass
	3840	Outer_Full	36.29	37.98	/	Pass
	3960	Outer_Full	36.90	38.59	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	36.05	37.82	/	Pass
	3840	Outer_Full	36.22	39.16	/	Pass
	3960	Outer_Full	36.93	38.74	/	Pass
CP-OFDM QPSK	3720	Outer_Full	38.37	40.10	/	Pass
	3840	Outer_Full	38.49	45.66	/	Pass
	3960	Outer_Full	38.46	40.81	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	39.06	40.17	/	Pass
	3840	Outer_Full	38.28	42.02	/	Pass
	3960	Outer_Full	39.06	40.63	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	39.03	40.55	/	Pass
	3840	Outer_Full	38.55	41.17	/	Pass
	3960	Outer_Full	39.06	40.84	/	Pass
CP-OFDM 256 QAM	3720	Outer_Full	38.26	40.99	/	Pass

	3840	Outer_Full	38.98	40.63	/	Pass
	3960	Outer_Full	38.99	40.57	/	Pass

4.1.14 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 QPSK	3725.01	Outer_Full	47.14	49.20	/	Pass
	3840	Outer_Full	46.15	49.19	/	Pass
	3954.99	Outer_Full	46.11	49.20	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	47.17	49.16	/	Pass
	3840	Outer_Full	47.22	49.40	/	Pass
	3954.99	Outer_Full	46.30	49.06	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	46.30	52.23	/	Pass
	3840	Outer_Full	46.45	49.74	/	Pass
	3954.99	Outer_Full	47.17	49.45	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	47.19	49.01	/	Pass
	3840	Outer_Full	47.20	49.30	/	Pass
	3954.99	Outer_Full	46.00	49.34	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	48.13	73.47	/	Pass
	3840	Outer_Full	48.98	51.06	/	Pass
	3954.99	Outer_Full	47.95	66.33	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	48.39	64.21	/	Pass
	3840	Outer_Full	48.95	51.12	/	Pass
	3954.99	Outer_Full	47.93	51.15	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	48.02	64.11	/	Pass
	3840	Outer_Full	48.90	50.78	/	Pass
	3954.99	Outer_Full	48.44	50.31	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	47.87	50.88	/	Pass
	3840	Outer_Full	47.89	50.98	/	Pass
	3954.99	Outer_Full	48.86	50.81	/	Pass

4.1.15 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 QPSK	3730.02	Outer_Full	59.64	62.16	/	Pass
	3840	Outer_Full	58.23	62.28	/	Pass
	3949.98	Outer_Full	59.81	62.28	/	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	58.30	62.09	/	Pass
	3840	Outer_Full	58.37	62.23	/	Pass
	3949.98	Outer_Full	59.58	62.12	/	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	59.40	62.14	/	Pass
	3840	Outer_Full	59.72	62.30	/	Pass
	3949.98	Outer_Full	58.55	62.23	/	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	59.47	62.01	/	Pass
	3840	Outer_Full	58.26	62.16	/	Pass
	3949.98	Outer_Full	58.23	61.26	/	Pass
CP-OFDM QPSK	3730.02	Outer_Full	58.33	65.12	/	Pass
	3840	Outer_Full	59.54	61.82	/	Pass
	3949.98	Outer_Full	58.46	62.18	/	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	59.59	62.14	/	Pass
	3840	Outer_Full	59.22	61.19	/	Pass
	3949.98	Outer_Full	59.55	62.45	/	Pass

CP-OFDM 64 QAM	3730.02	Outer_Full	59.59	62.22	/	Pass
	3840	Outer_Full	58.27	62.40	/	Pass
	3949.98	Outer_Full	59.33	61.36	/	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	58.12	61.88	/	Pass
	3840	Outer_Full	59.72	62.10	/	Pass
	3949.98	Outer_Full	59.89	62.48	/	Pass

4.1.16 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 QPSK	3735	Outer_Full	66.39	69.68	/	Pass
	3840	Outer_Full	66.49	69.48	/	Pass
	3945	Outer_Full	65.44	69.50	/	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	66.39	68.91	/	Pass
	3840	Outer_Full	65.40	68.27	/	Pass
	3945	Outer_Full	65.32	69.78	/	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	66.46	69.59	/	Pass
	3840	Outer_Full	65.95	68.24	/	Pass
	3945	Outer_Full	65.82	68.21	/	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	66.58	69.16	/	Pass
	3840	Outer_Full	66.51	69.52	/	Pass
	3945	Outer_Full	65.07	69.60	/	Pass
CP-OFDM QPSK	3735	Outer_Full	68.42	71.26	/	Pass
	3840	Outer_Full	69.87	72.86	/	Pass
	3945	Outer_Full	68.51	72.56	/	Pass
CP-OFDM 16 QAM	3735	Outer_Full	70.12	72.97	/	Pass
	3840	Outer_Full	68.70	71.37	/	Pass
	3945	Outer_Full	68.68	74.56	/	Pass
CP-OFDM 64 QAM	3735	Outer_Full	69.77	72.86	/	Pass
	3840	Outer_Full	68.51	73.09	/	Pass
	3945	Outer_Full	70.02	72.77	/	Pass
CP-OFDM 256 QAM	3735	Outer_Full	69.52	72.34	/	Pass
	3840	Outer_Full	69.95	72.57	/	Pass
	3945	Outer_Full	69.88	72.50	/	Pass

4.1.17 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 QPSK	3740.01	Outer_Full	79.25	82.86	/	Pass
	3840	Outer_Full	77.74	83.06	/	Pass
	3939.99	Outer_Full	77.75	82.68	/	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	77.59	82.89	/	Pass
	3840	Outer_Full	79.52	83.01	/	Pass
	3939.99	Outer_Full	77.78	83.95	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.63	83.13	/	Pass
	3840	Outer_Full	77.67	83.02	/	Pass
	3939.99	Outer_Full	77.59	82.80	/	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	79.60	83.26	/	Pass
	3840	Outer_Full	77.76	82.89	/	Pass
	3939.99	Outer_Full	79.94	83.74	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	79.86	82.98	/	Pass
	3840	Outer_Full	78.12	82.11	/	Pass

	3939.99	Outer_Full	80.25	83.54	/	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	78.34	94.60	/	Pass
	3840	Outer_Full	78.26	84.59	/	Pass
	3939.99	Outer_Full	80.03	83.50	/	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	78.75	81.83	/	Pass
	3840	Outer_Full	78.09	83.81	/	Pass
	3939.99	Outer_Full	78.62	83.46	/	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	79.41	82.51	/	Pass
	3840	Outer_Full	78.09	83.32	/	Pass
	3939.99	Outer_Full	78.34	83.36	/	Pass

4.1.18 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 QPSK	3745.02	Outer_Full	89.06	93.00	/	Pass
	3840	Outer_Full	87.31	93.30	/	Pass
	3934.98	Outer_Full	89.46	93.39	/	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	87.36	93.07	/	Pass
	3840	Outer_Full	87.15	93.38	/	Pass
	3934.98	Outer_Full	89.56	93.56	/	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	89.31	93.10	/	Pass
	3840	Outer_Full	89.28	94.43	/	Pass
	3934.98	Outer_Full	89.21	91.83	/	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	87.77	92.97	/	Pass
	3840	Outer_Full	87.49	93.32	/	Pass
	3934.98	Outer_Full	87.52	92.86	/	Pass
CP-OFDM QPSK	3745.02	Outer_Full	88.19	100.39	/	Pass
	3840	Outer_Full	88.30	97.86	/	Pass
	3934.98	Outer_Full	88.37	92.85	/	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	88.43	99.59	/	Pass
	3840	Outer_Full	87.97	94.10	/	Pass
	3934.98	Outer_Full	90.25	93.92	/	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	90.49	103.92	/	Pass
	3840	Outer_Full	88.42	93.67	/	Pass
	3934.98	Outer_Full	88.21	93.96	/	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	88.00	93.66	/	Pass
	3840	Outer_Full	89.50	94.99	/	Pass
	3934.98	Outer_Full	90.21	93.86	/	Pass

4.1.19 30k_SISO_100MHz_NTNV

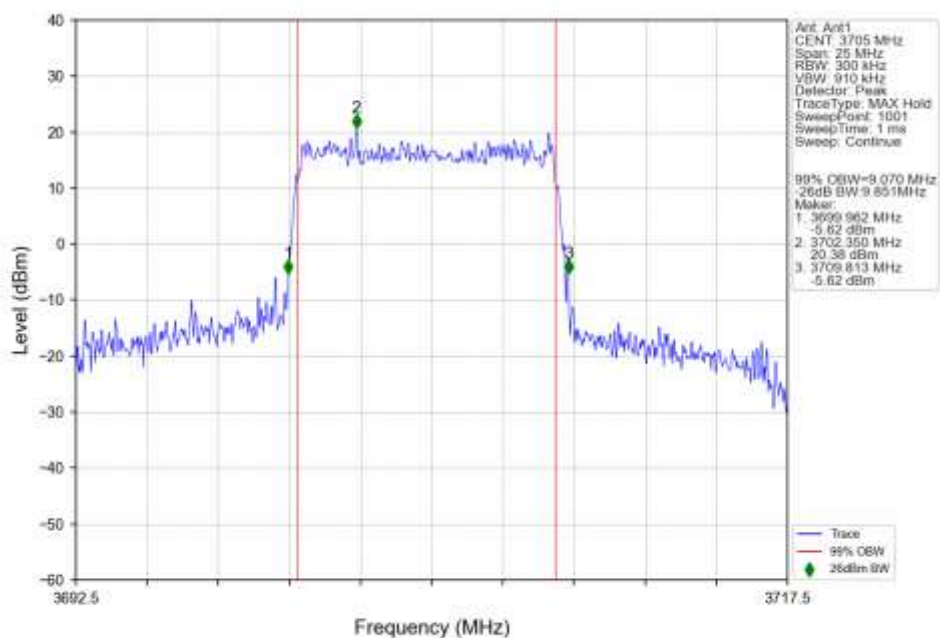
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Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3750	Outer_Full	97.15	103.47	/	Pass
	3840	Outer_Full	99.12	103.48	/	Pass
	3930	Outer_Full	99.77	103.89	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	99.11	103.19	/	Pass
	3840	Outer_Full	96.94	103.42	/	Pass
	3930	Outer_Full	97.00	102.23	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	99.14	103.82	/	Pass
	3840	Outer_Full	99.31	103.66	/	Pass
	3930	Outer_Full	99.55	103.93	/	Pass
DFT-s-OFDM 256	3750	Outer_Full	96.99	103.44	/	Pass

QAM	3840	Outer_Full	99.38	103.66	/	Pass
	3930	Outer_Full	97.26	101.56	/	Pass
CP-OFDM QPSK	3750	Outer_Full	99.14	104.39	/	Pass
	3840	Outer_Full	99.34	104.69	/	Pass
	3930	Outer_Full	98.32	103.08	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	98.77	104.08	/	Pass
	3840	Outer_Full	99.12	104.59	/	Pass
	3930	Outer_Full	98.19	107.93	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	98.30	112.14	/	Pass
	3840	Outer_Full	98.14	104.14	/	Pass
	3930	Outer_Full	99.77	103.80	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.88	104.28	/	Pass
	3840	Outer_Full	97.98	104.58	/	Pass
	3930	Outer_Full	99.76	104.61	/	Pass

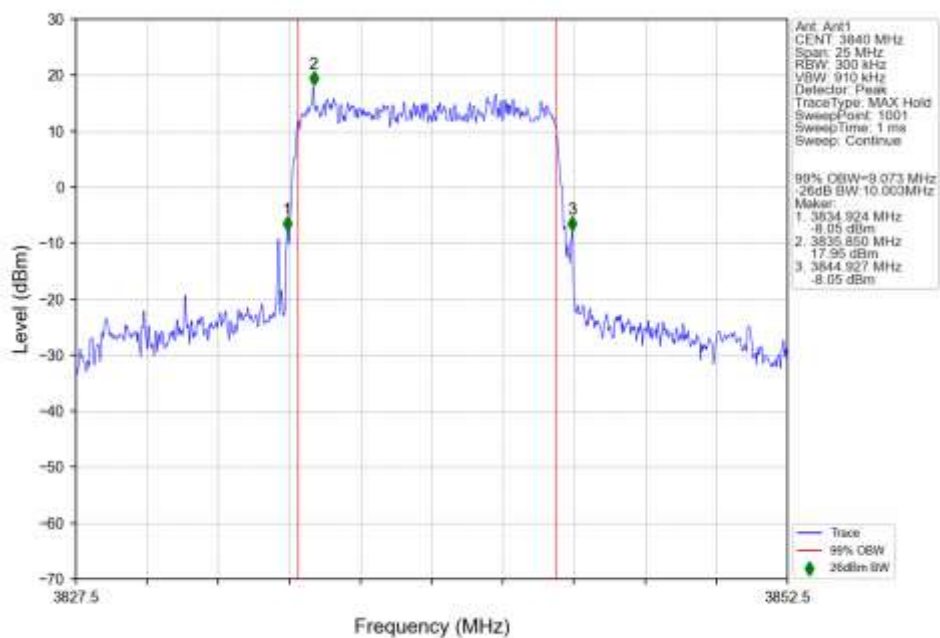
4.2 Test Graph

4.2.1 15k_SISO_10MHz_NTNV

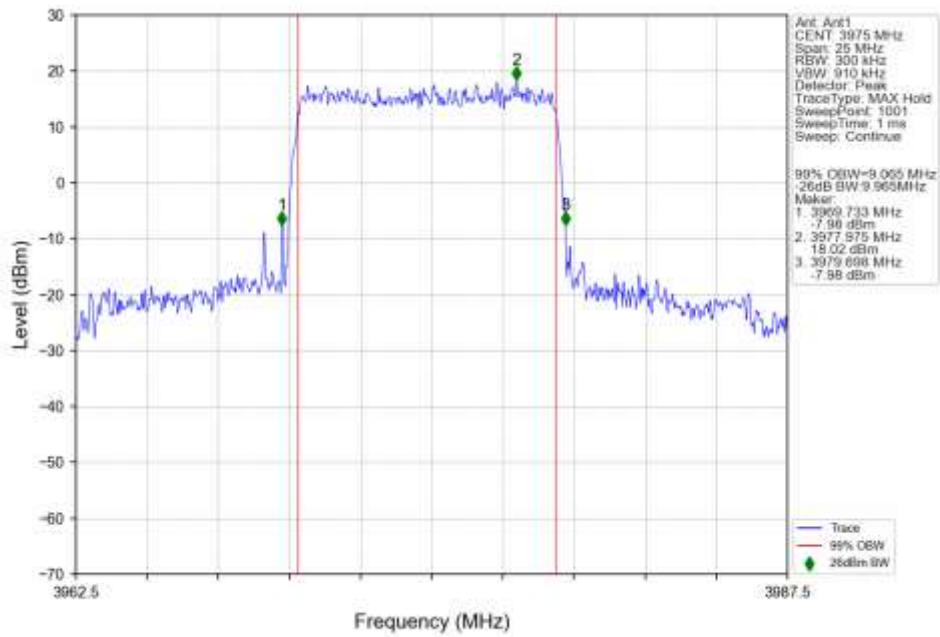
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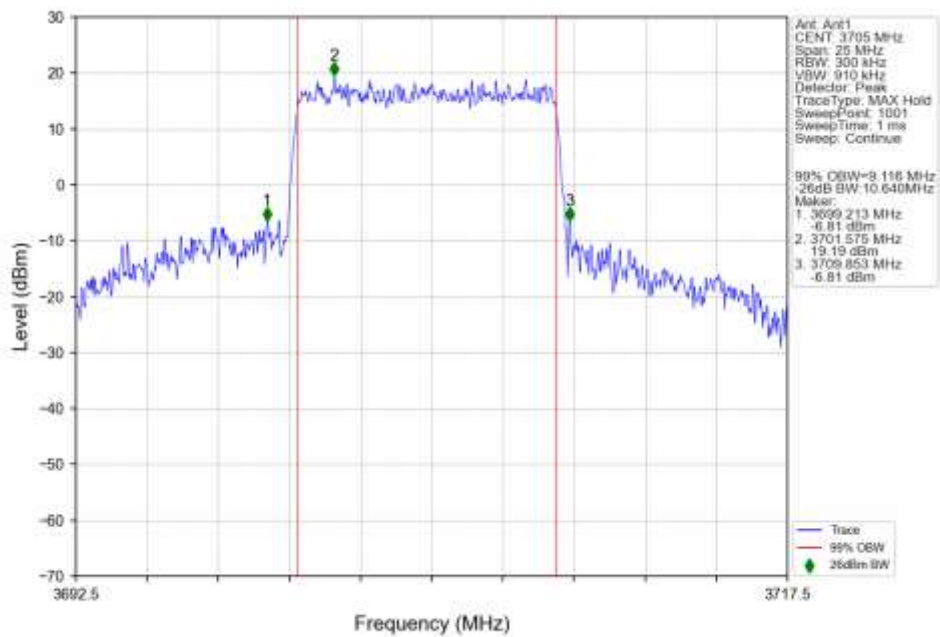
n77a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3840MHz_Outer_Full_Ant1



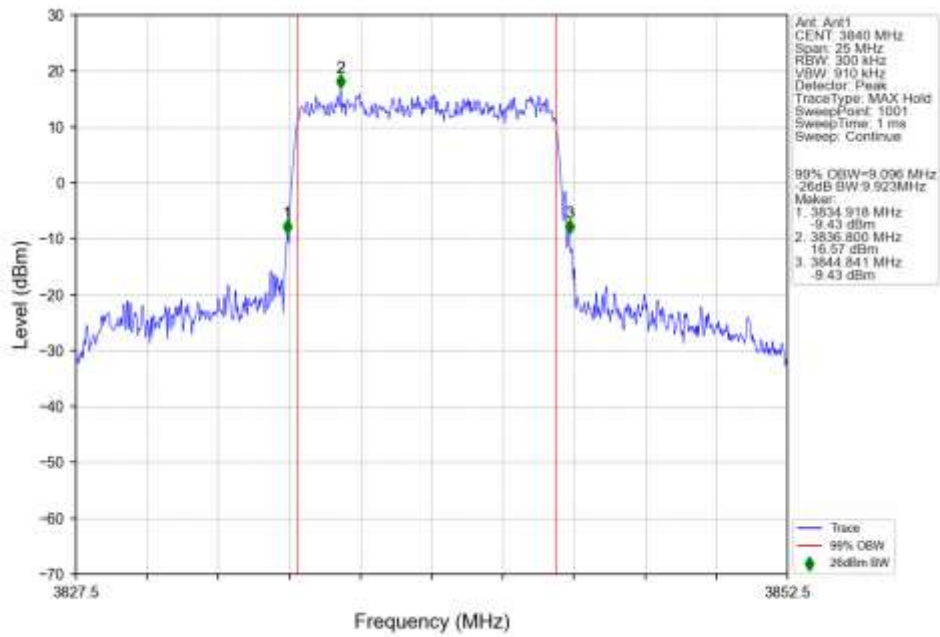
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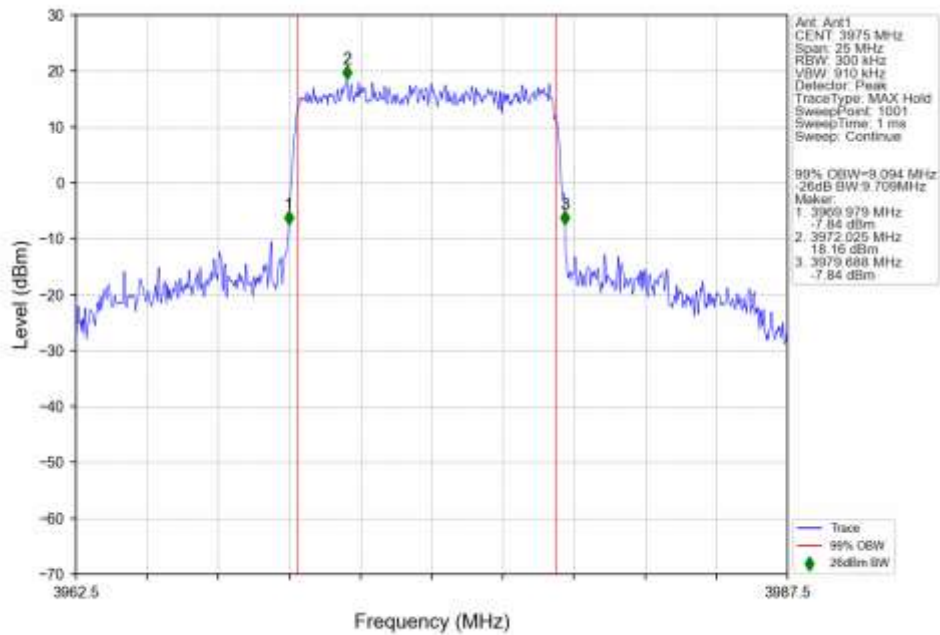
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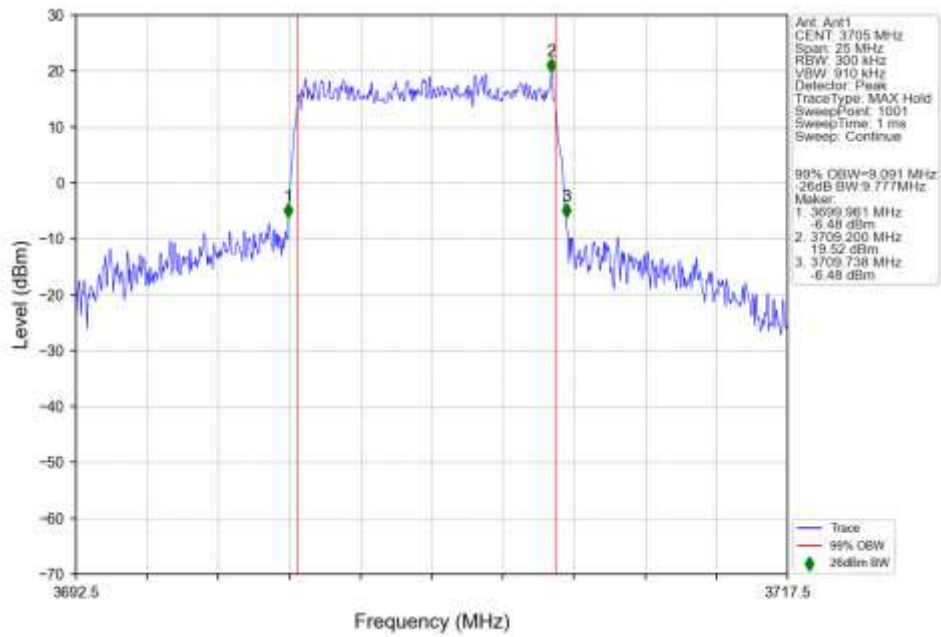
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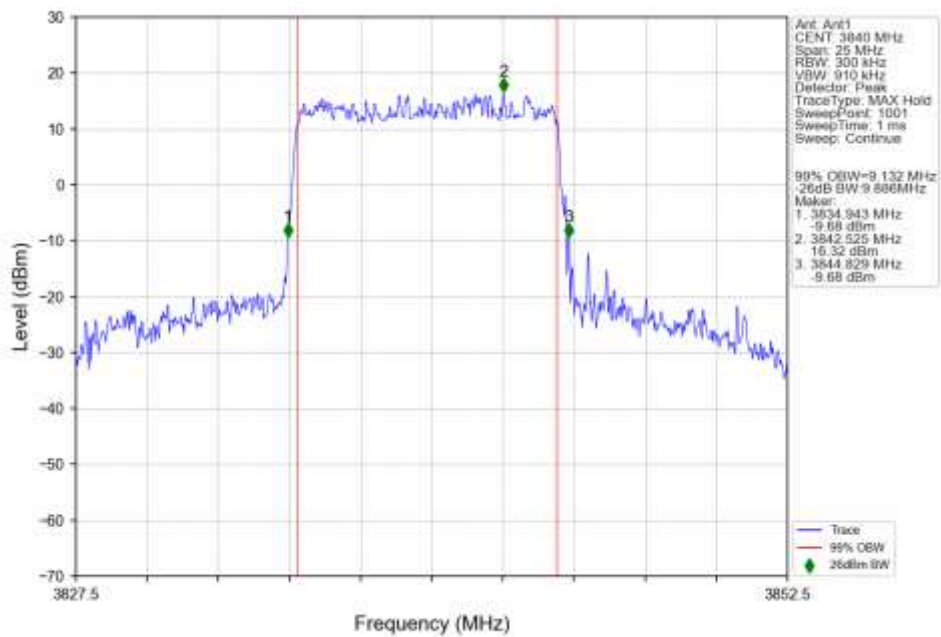
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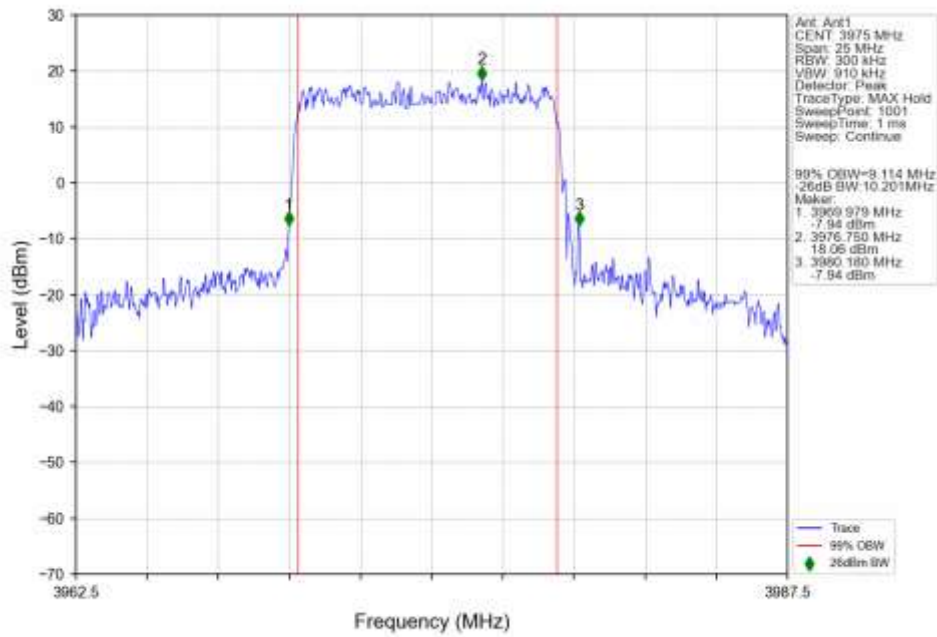
n77a 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3705MHz Outer Full Ant1



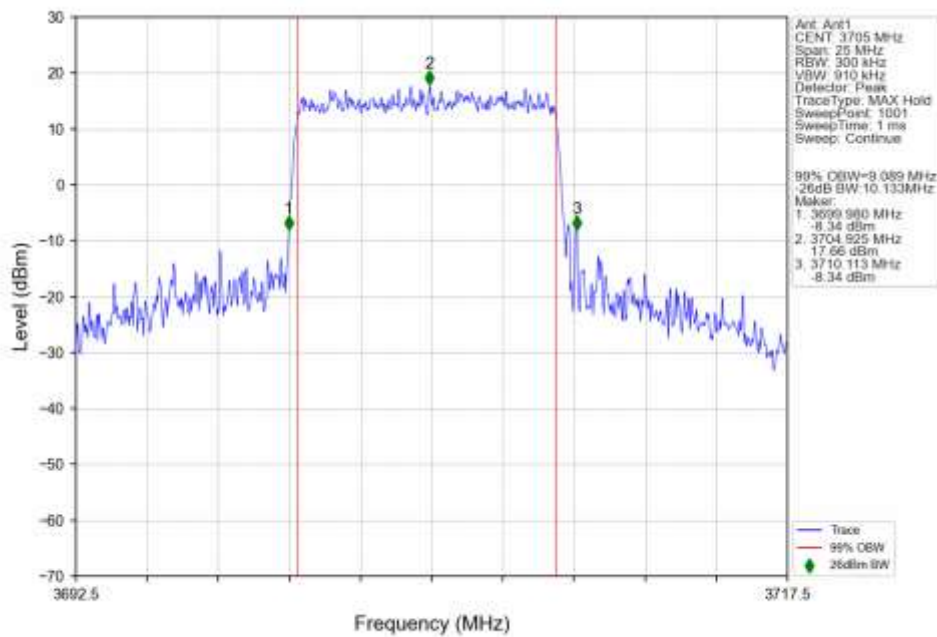
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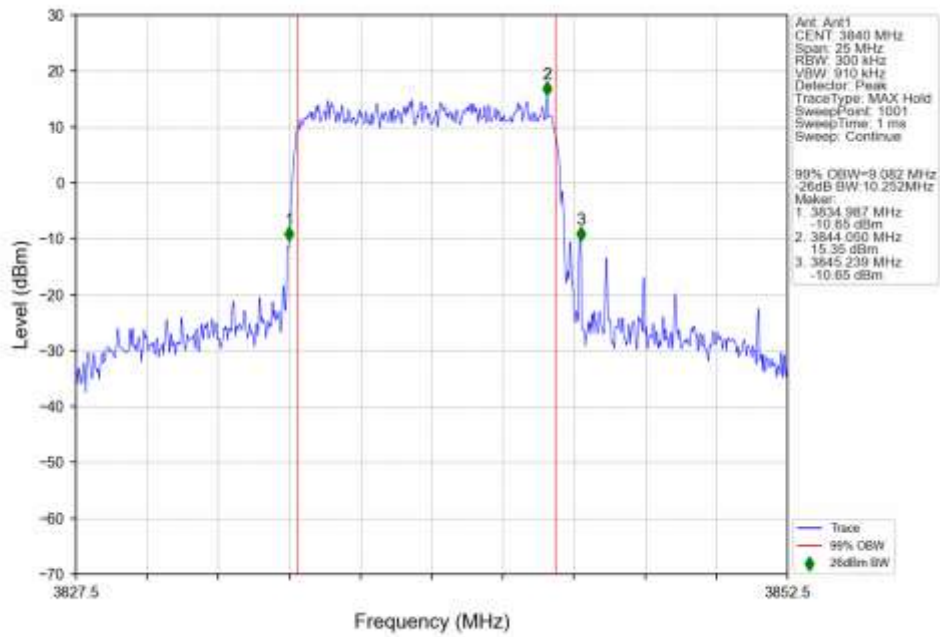
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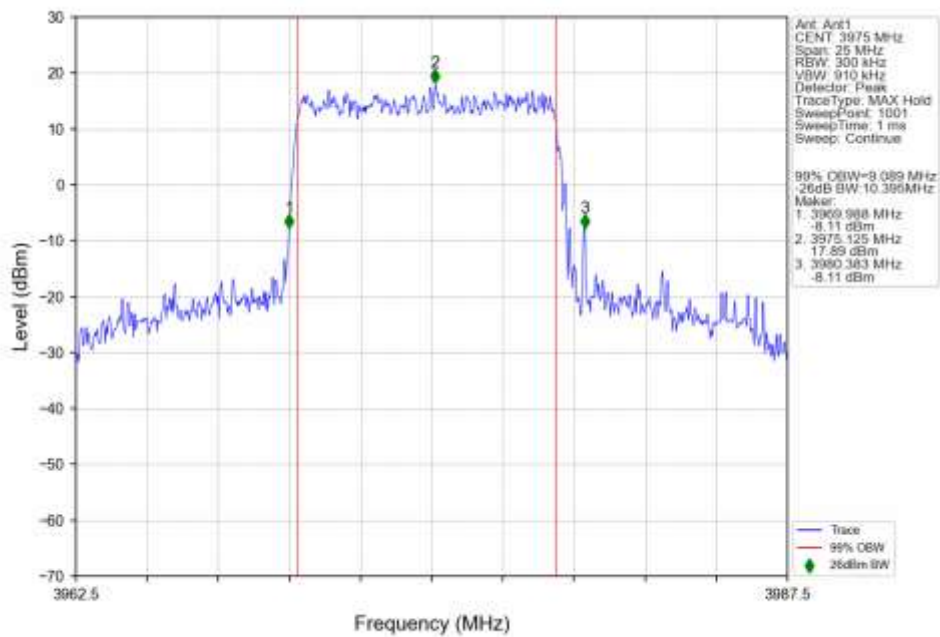
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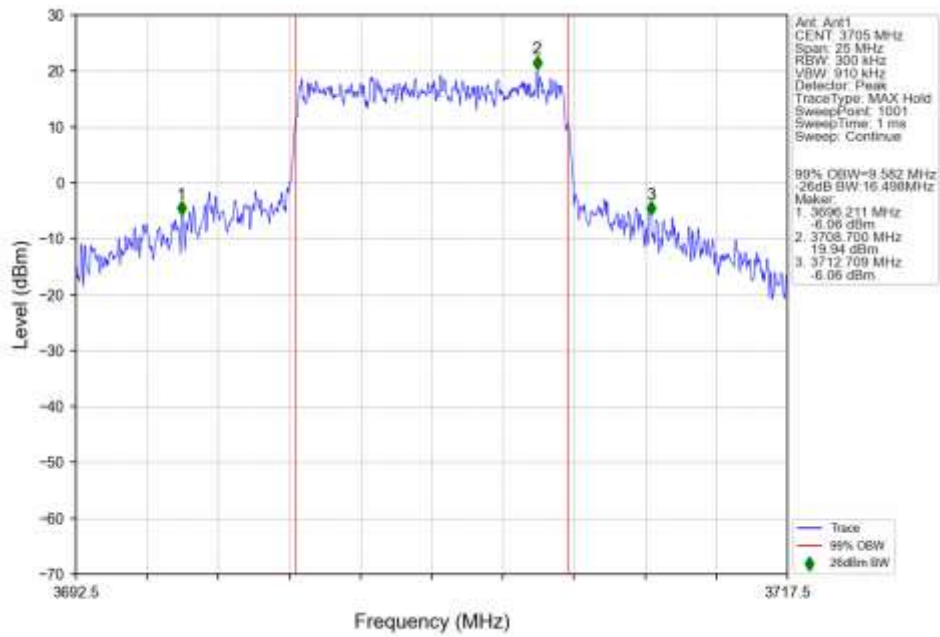
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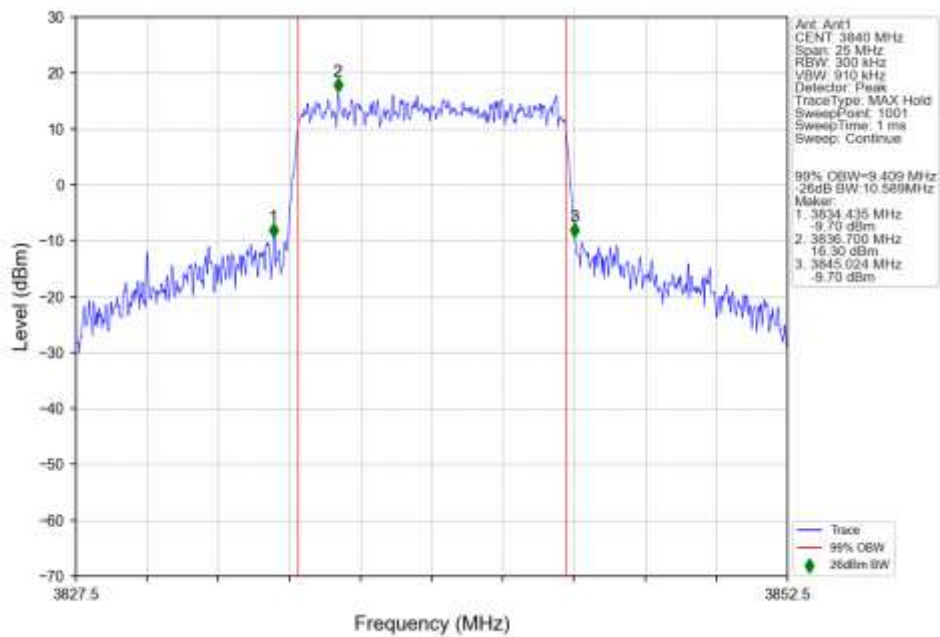
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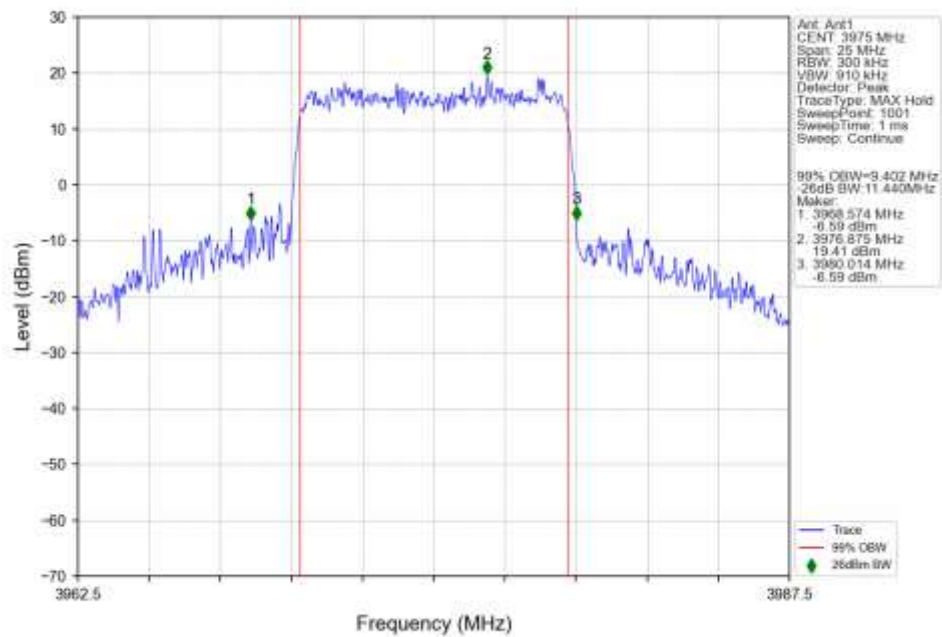
n77a 15kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer Full Ant1



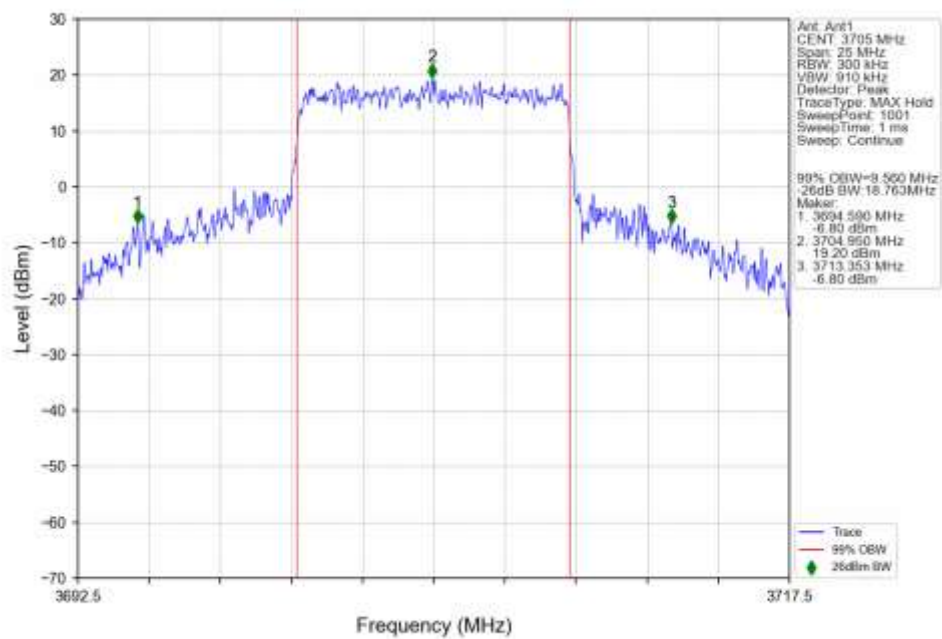
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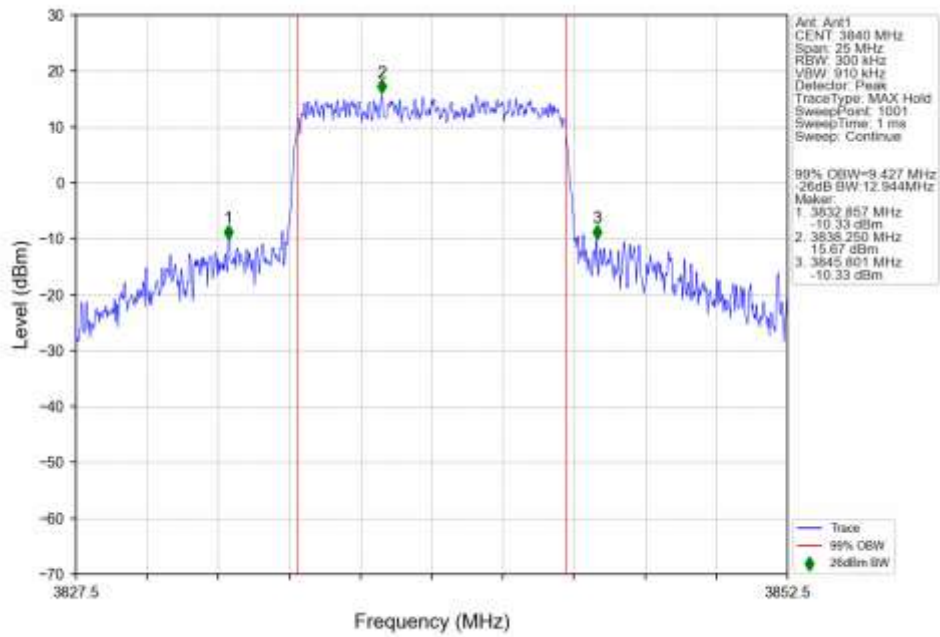
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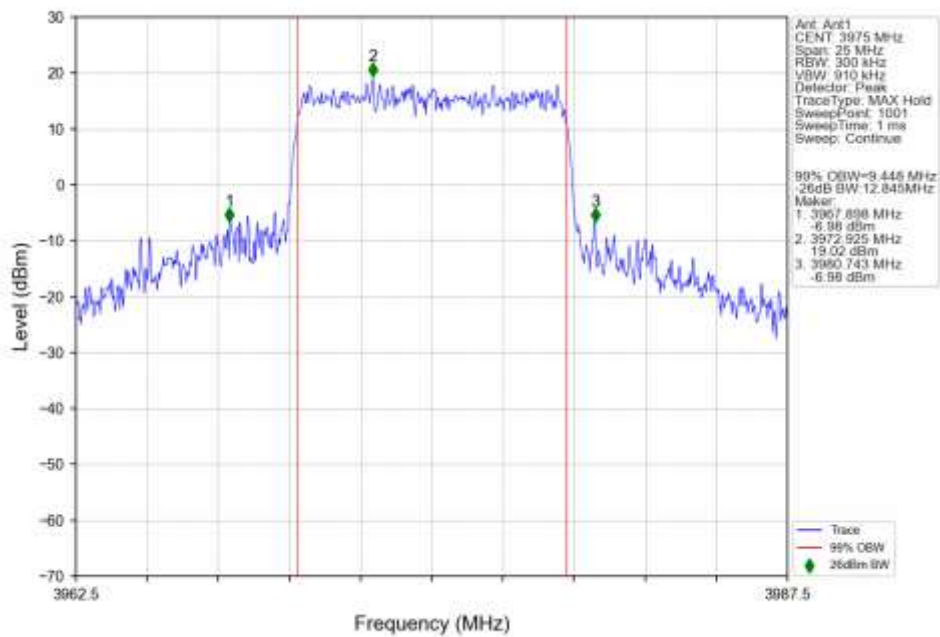
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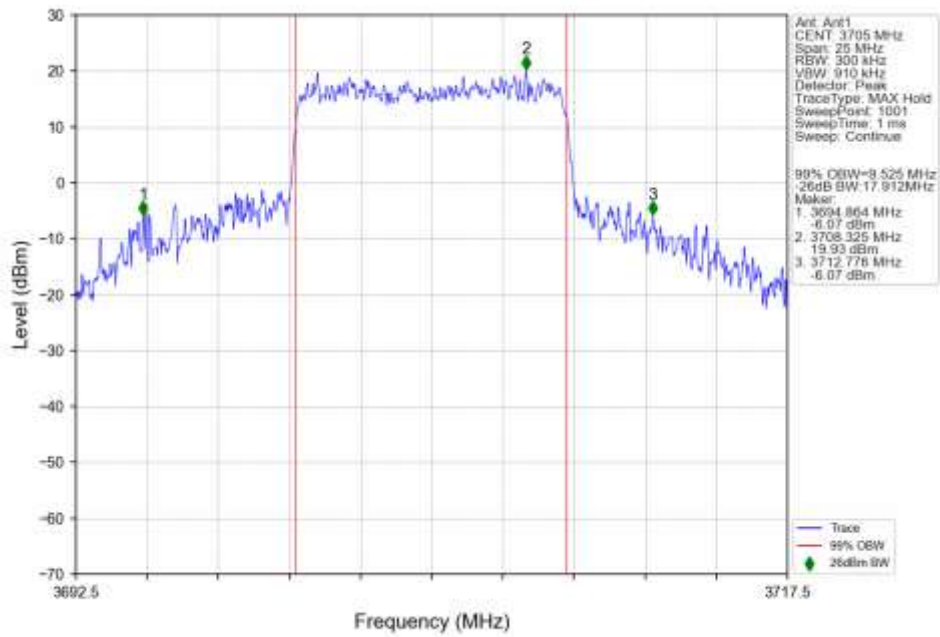
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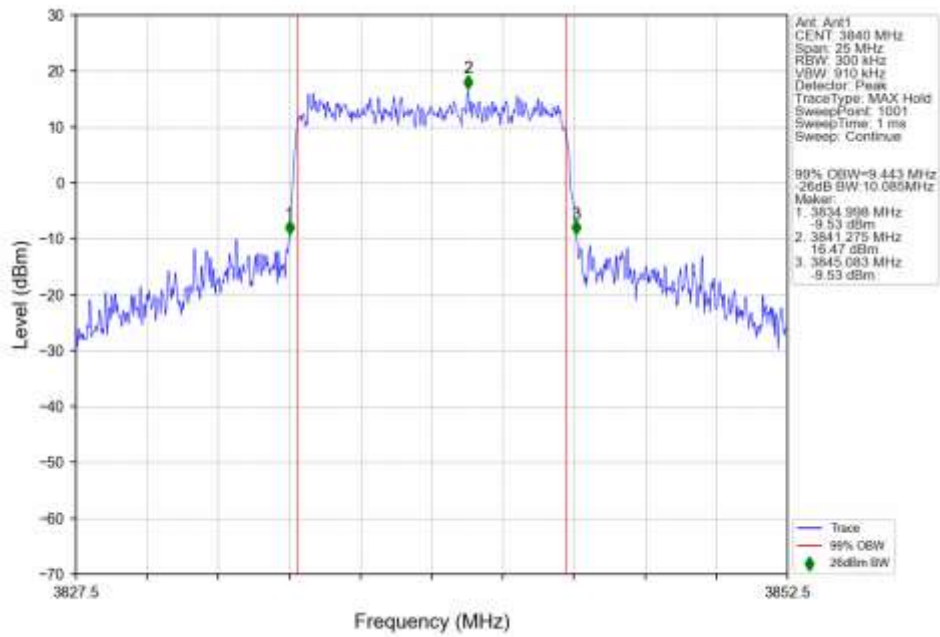
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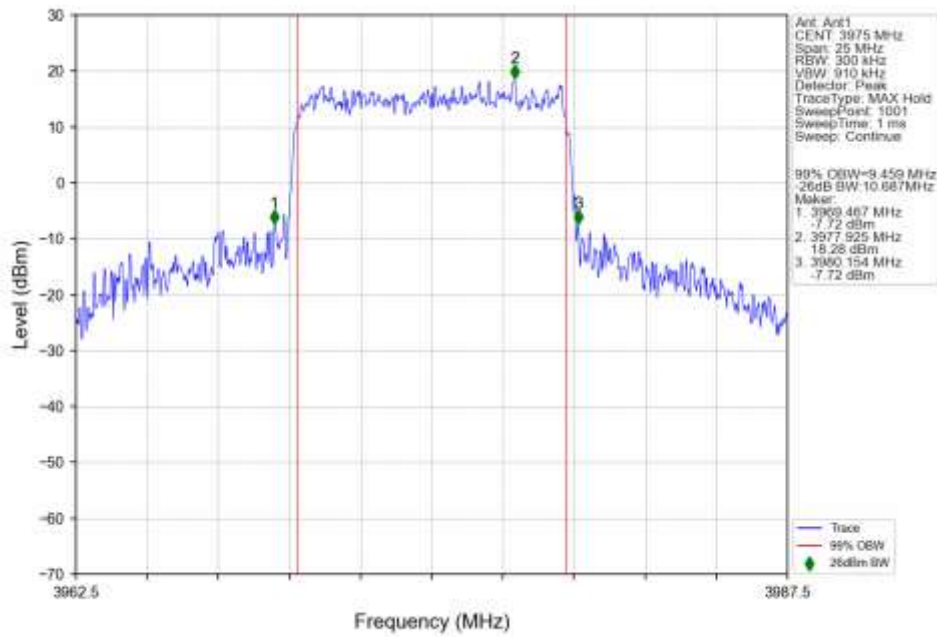
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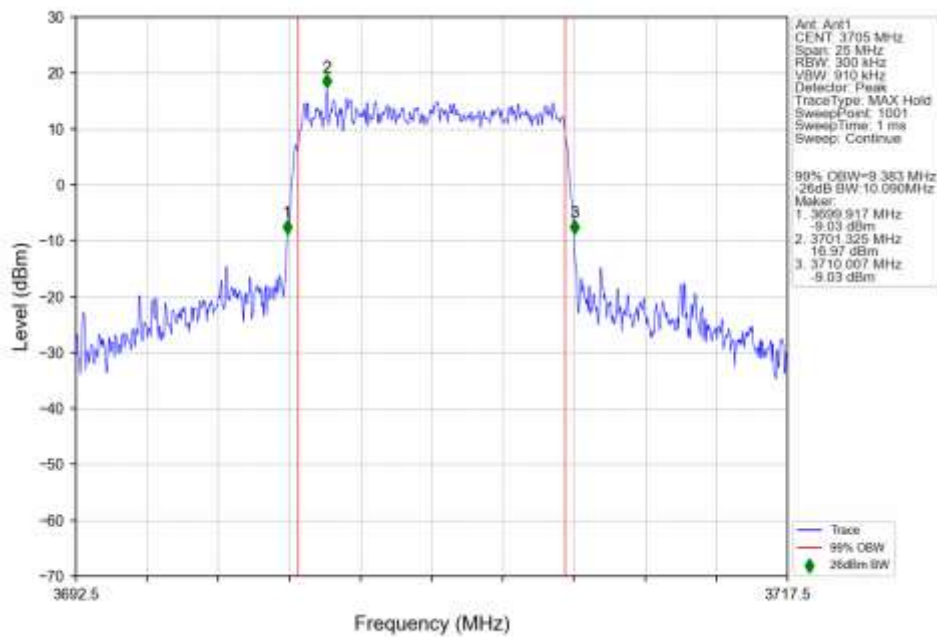
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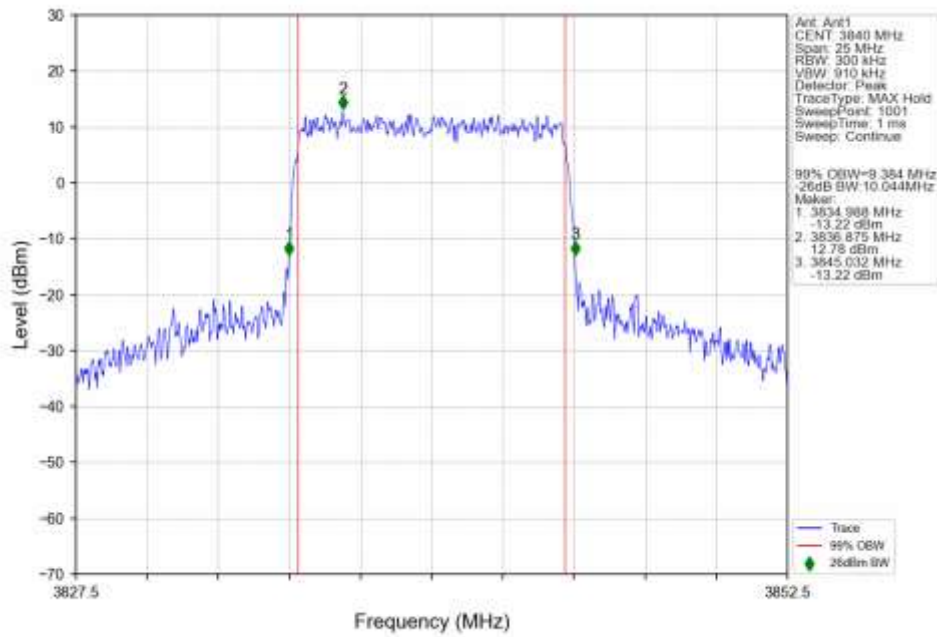
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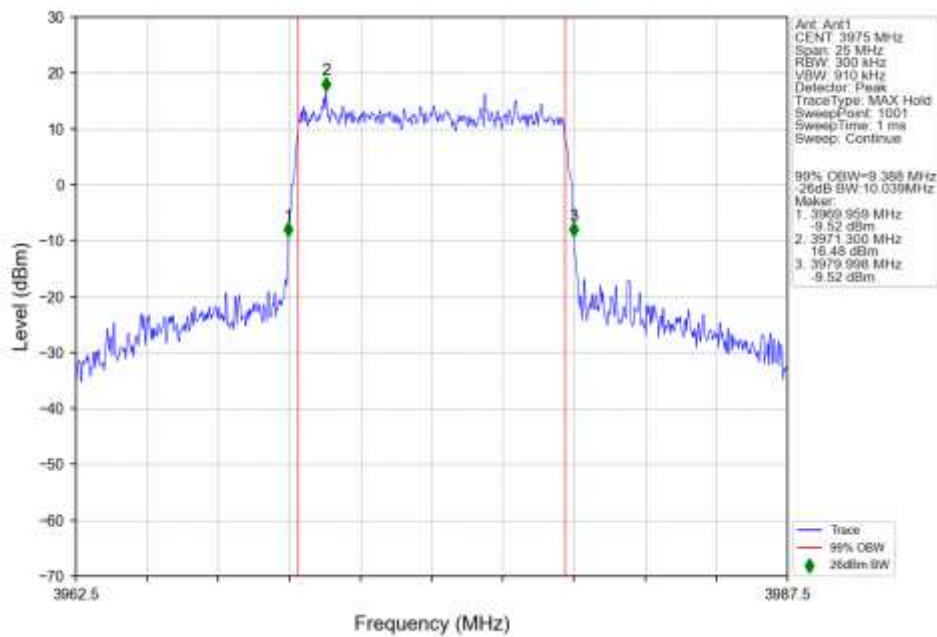
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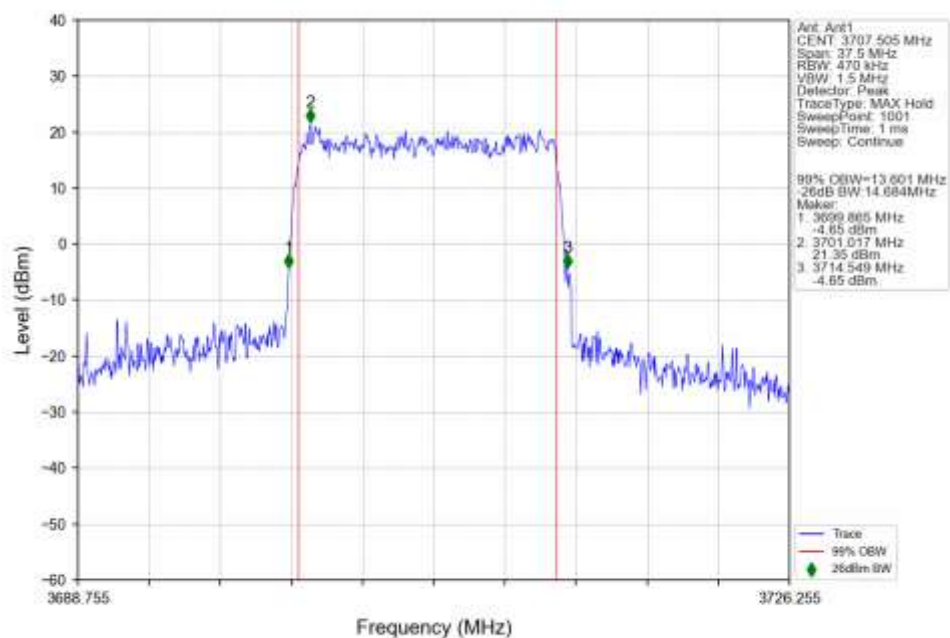


n77a 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 3975MHz Outer Full Ant1

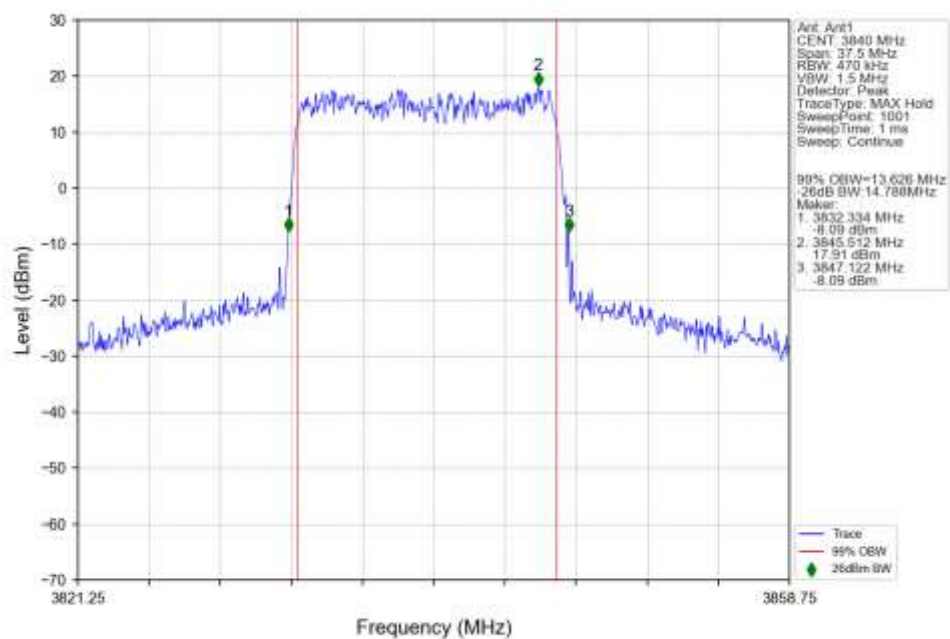


4.2.2 15k_SISO_15MHz_NTNV

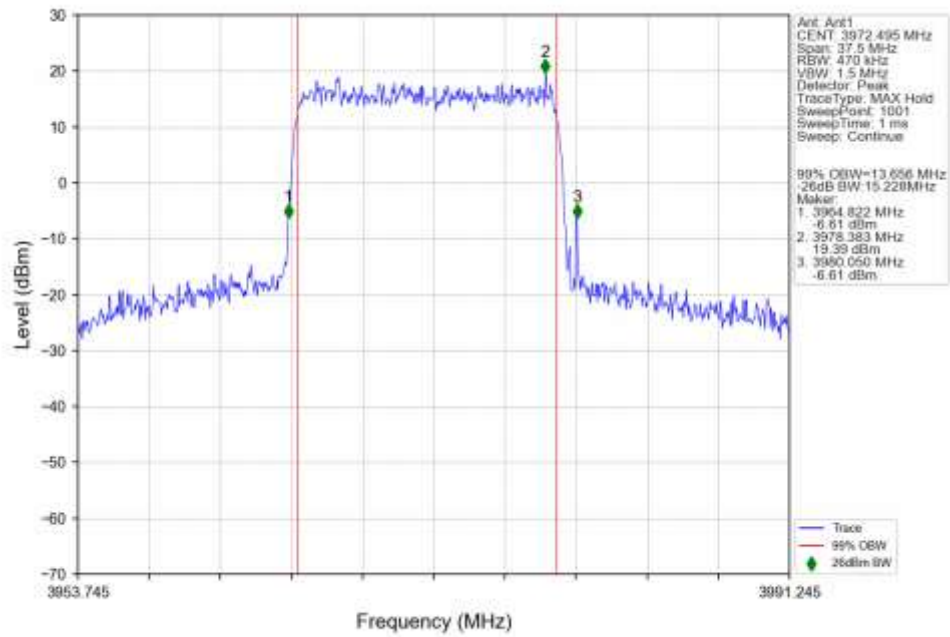
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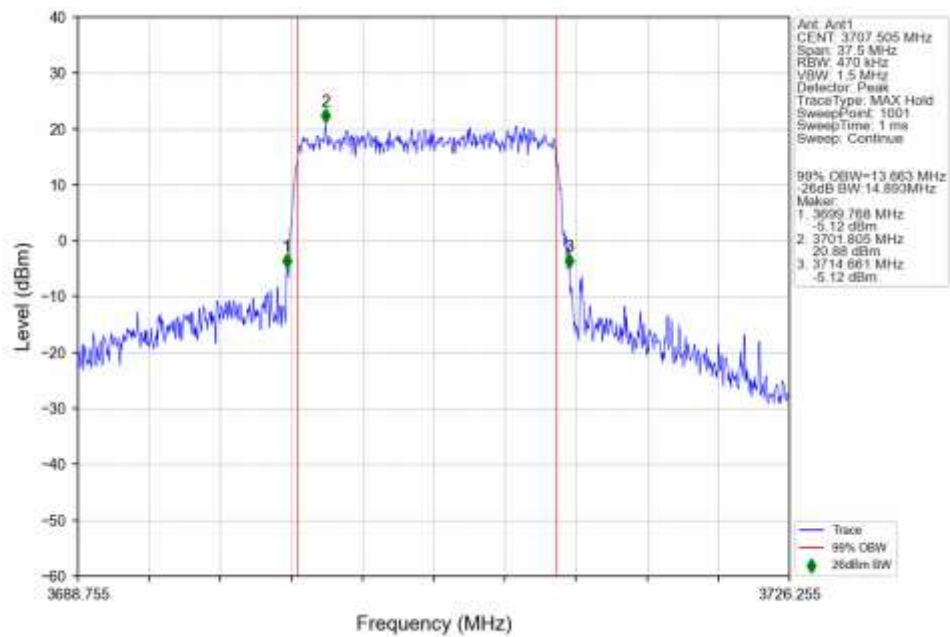
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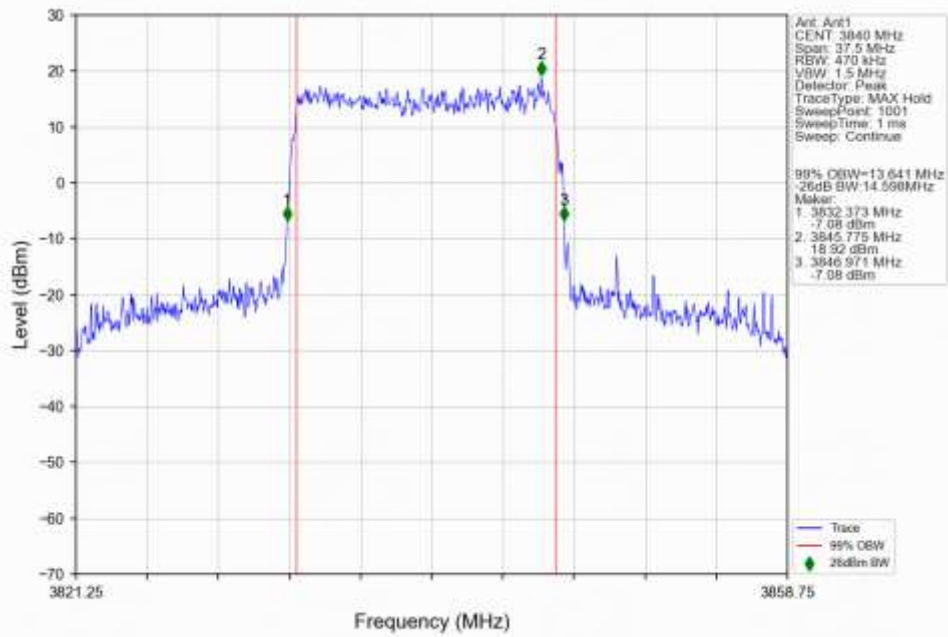
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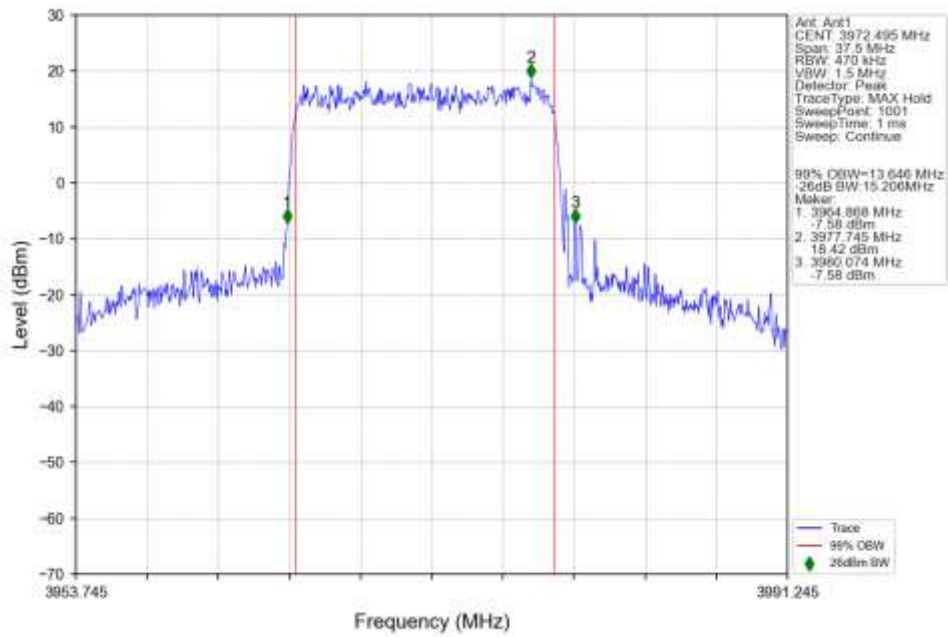
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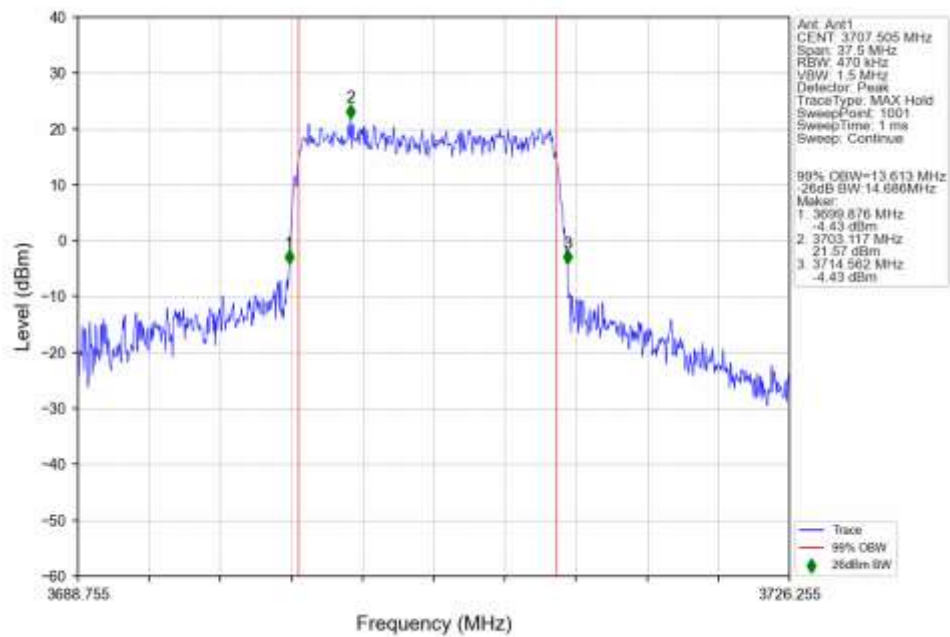
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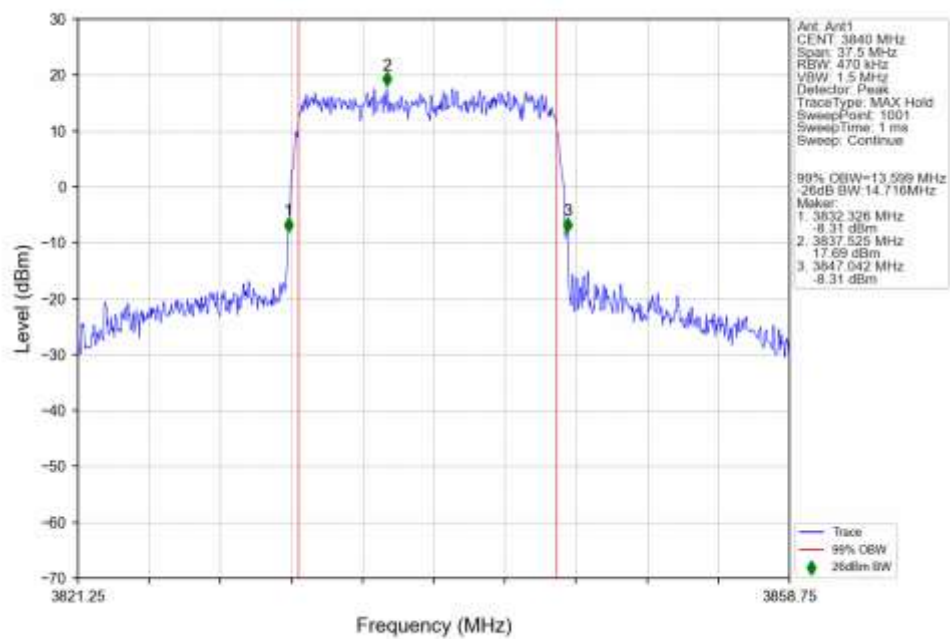
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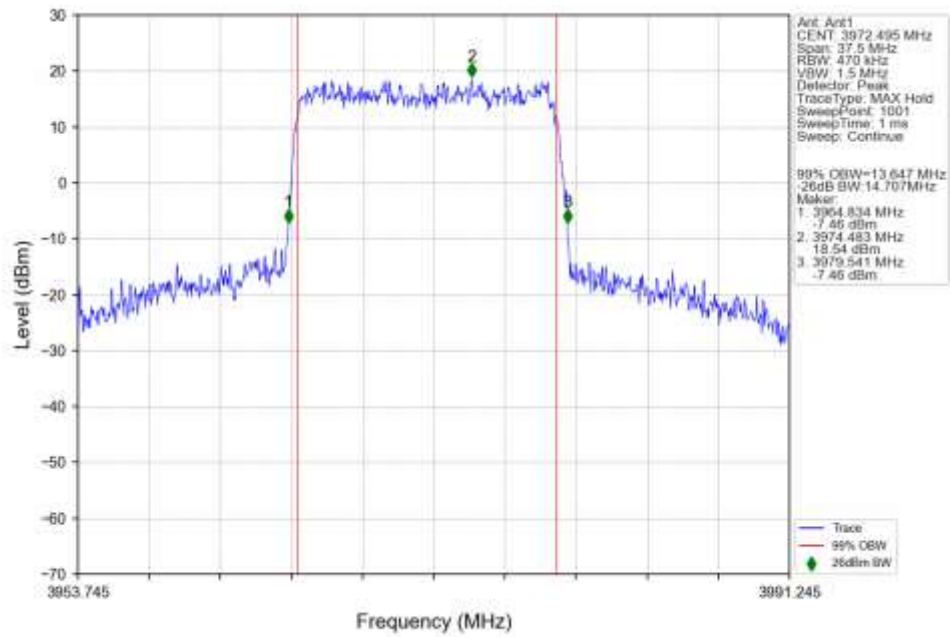
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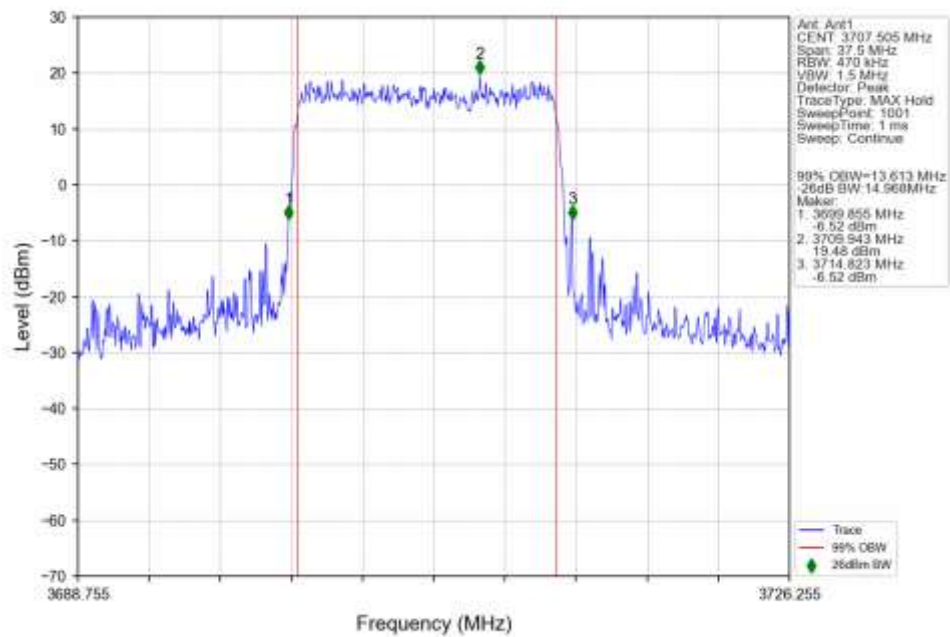
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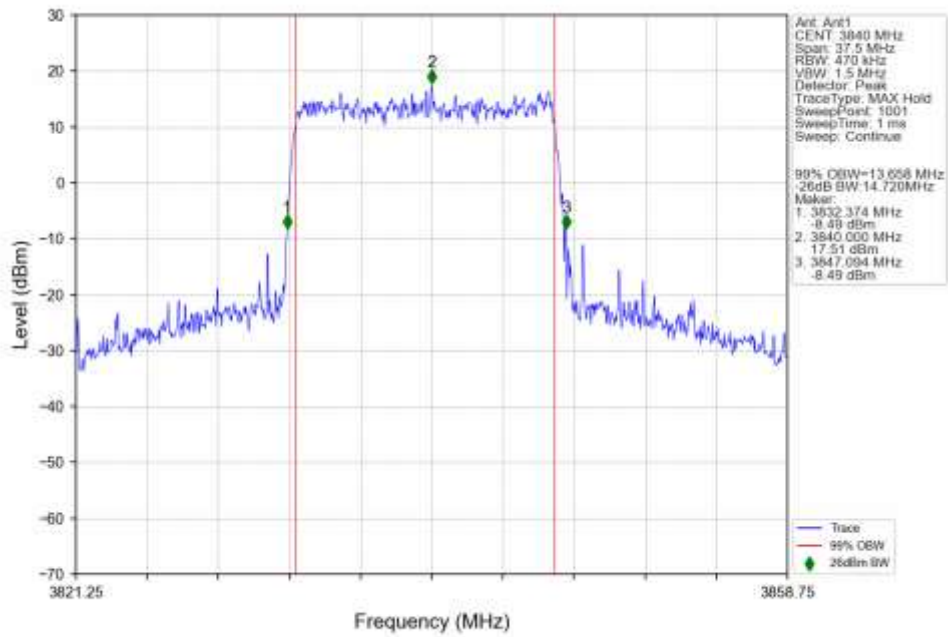
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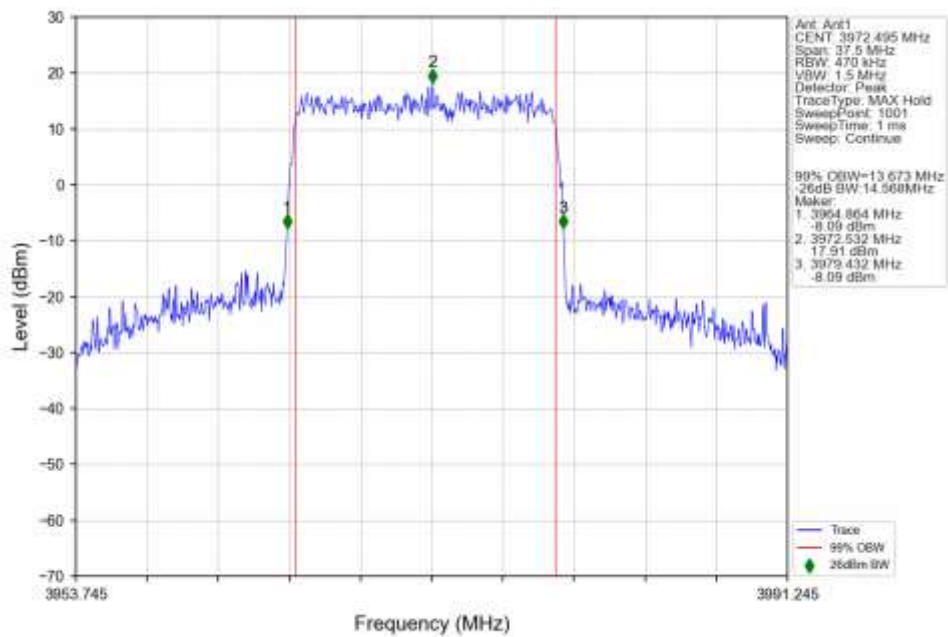
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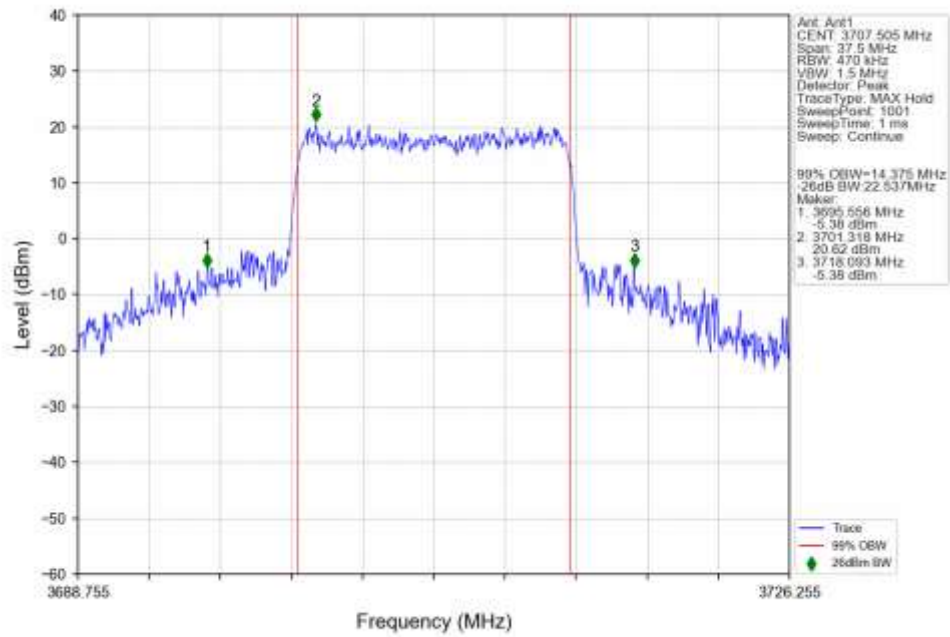
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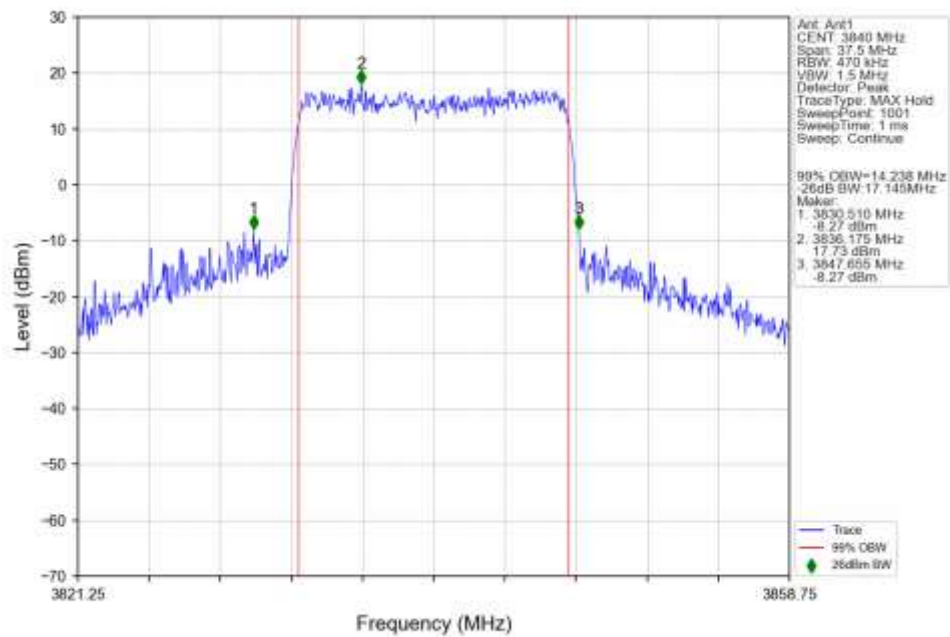
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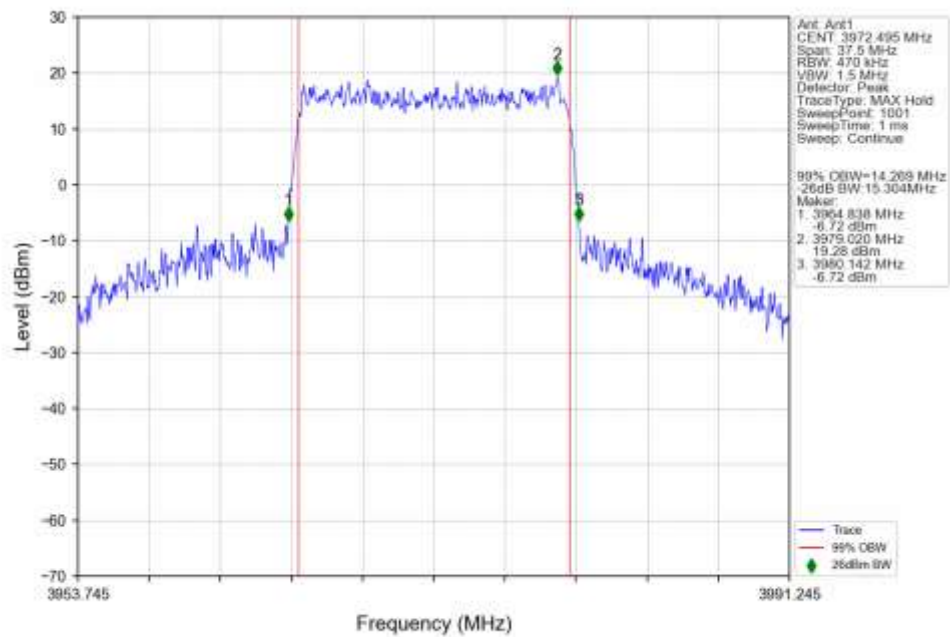
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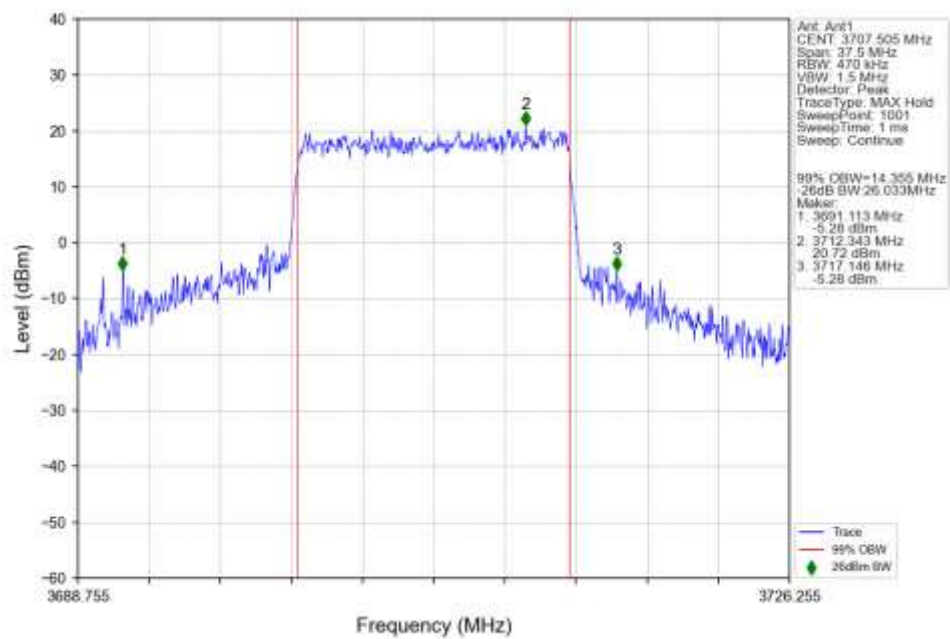
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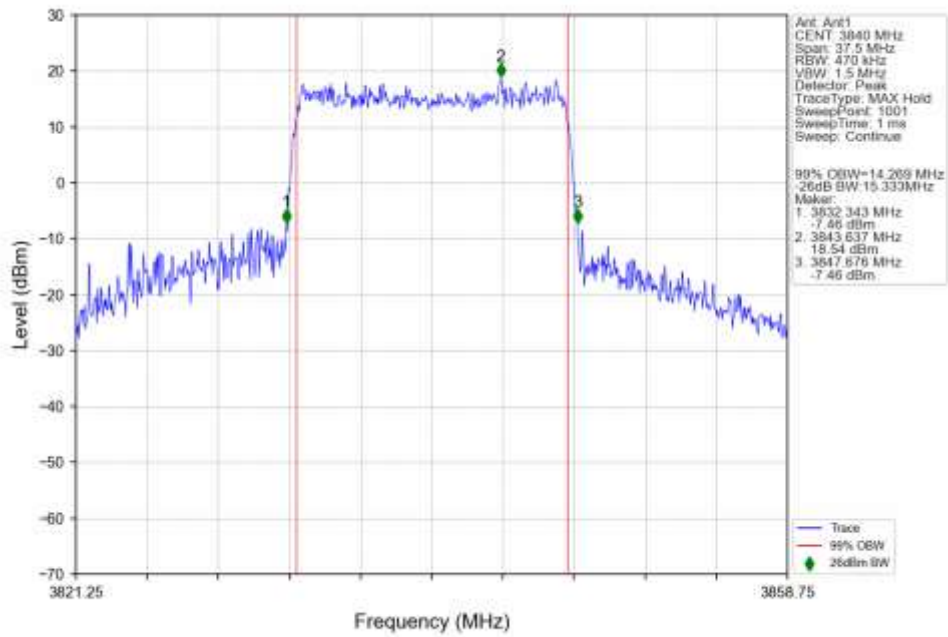
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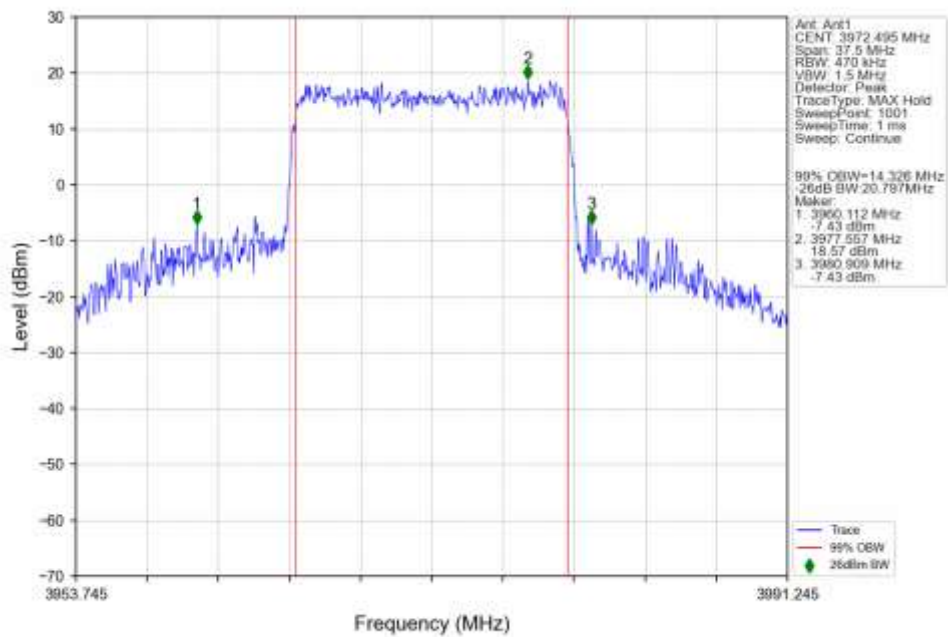
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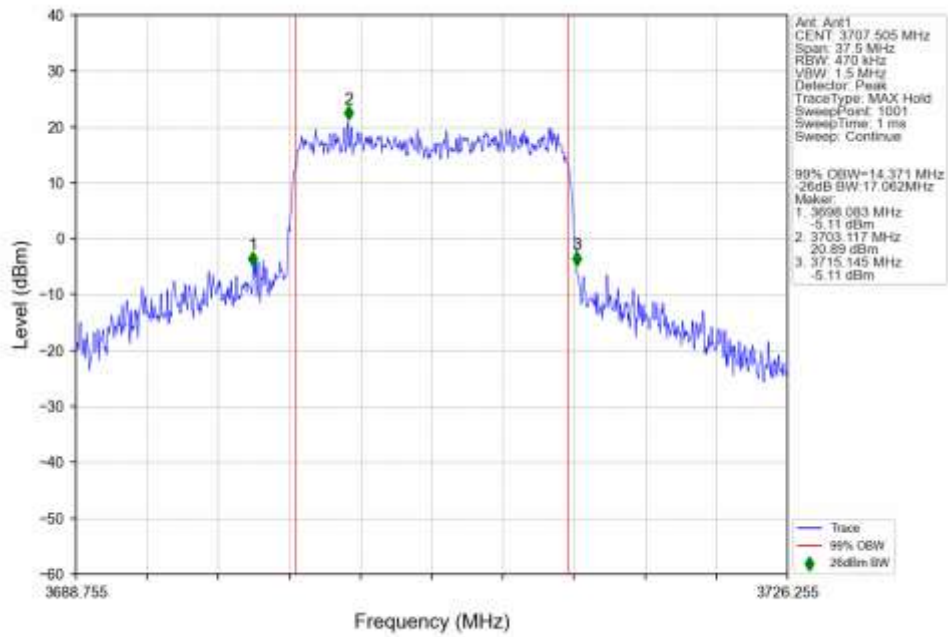
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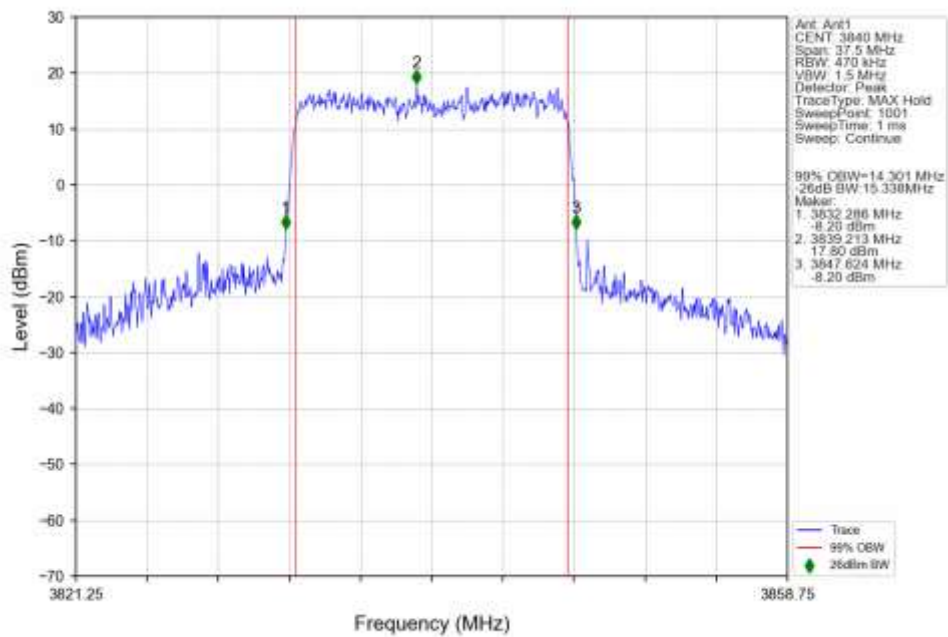
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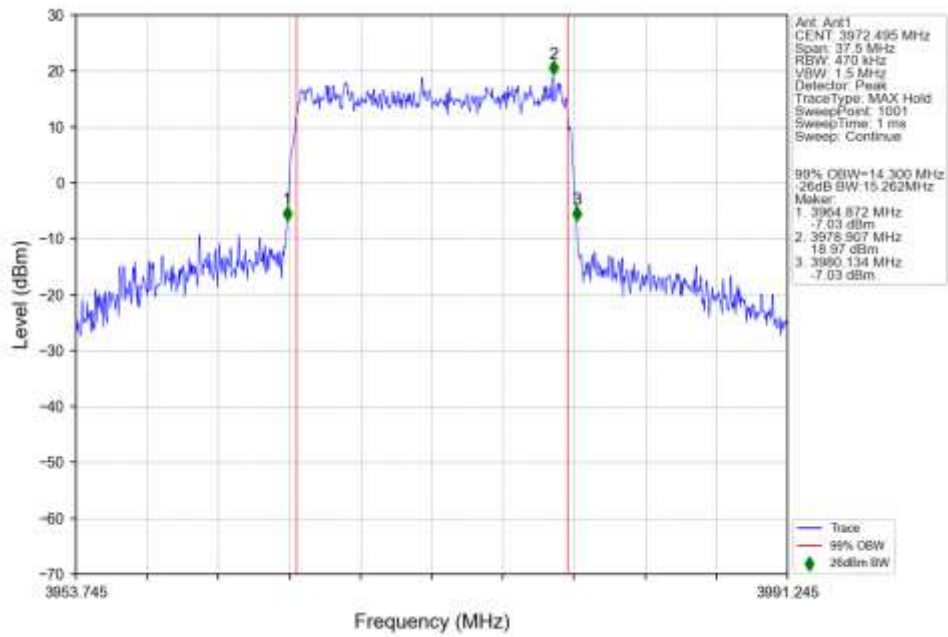
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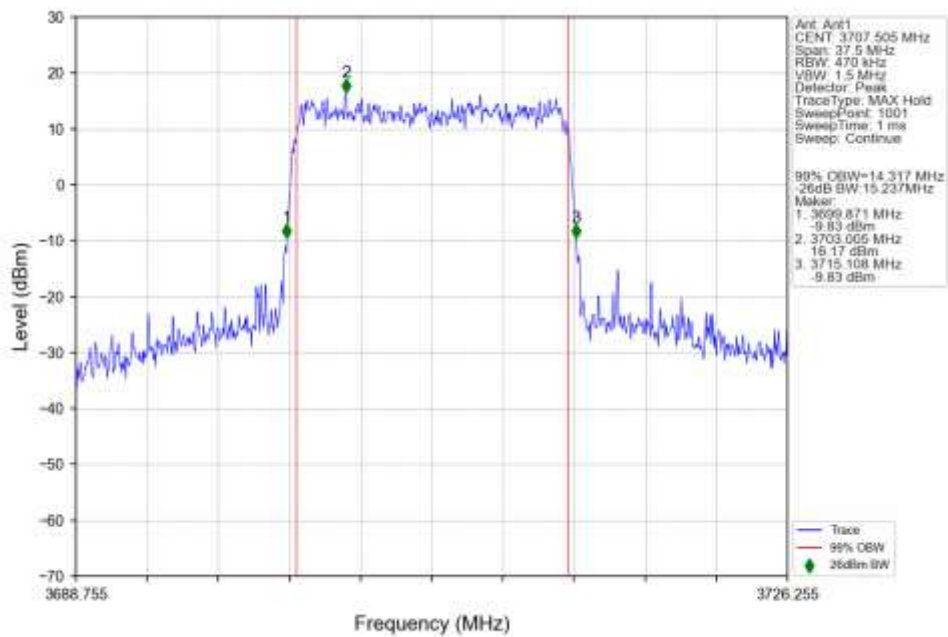
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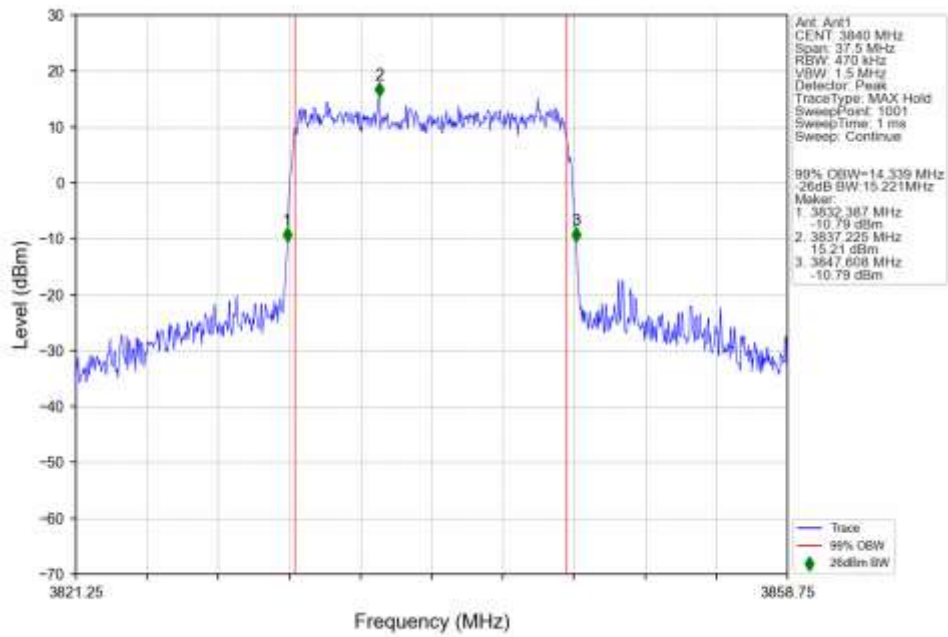
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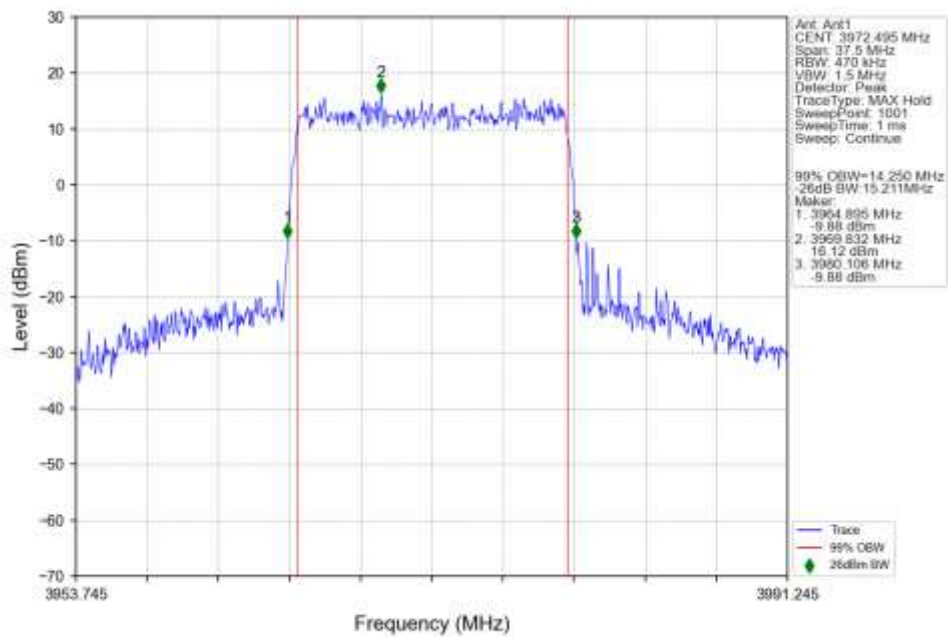
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n77a 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1

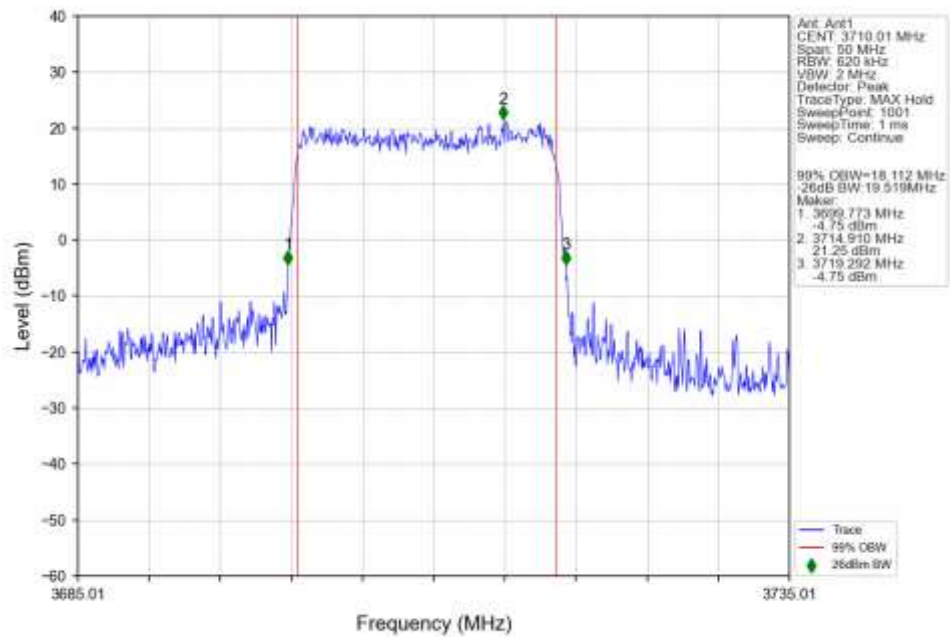


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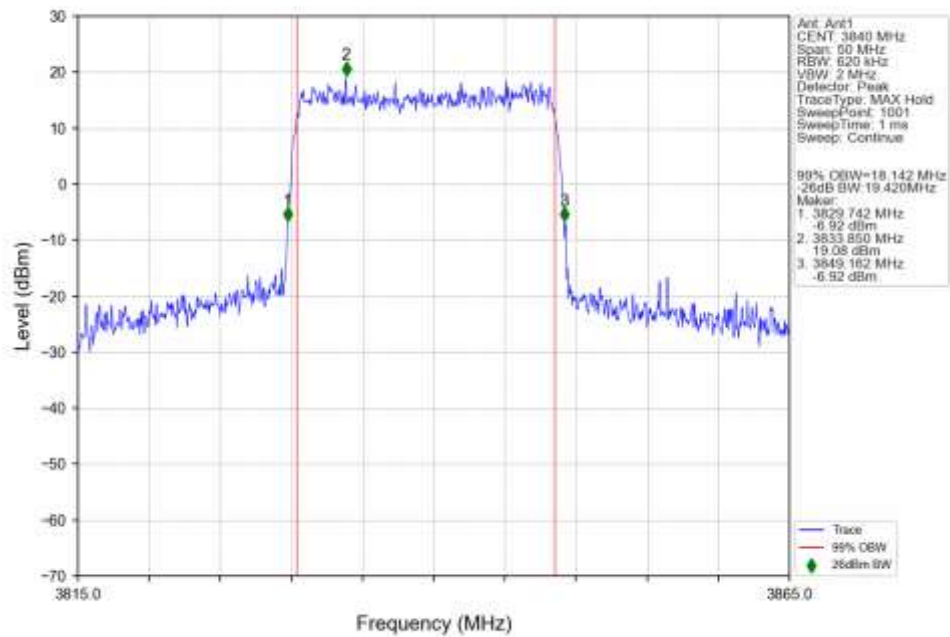


4.2.3 15k_SISO_20MHz_NTNV

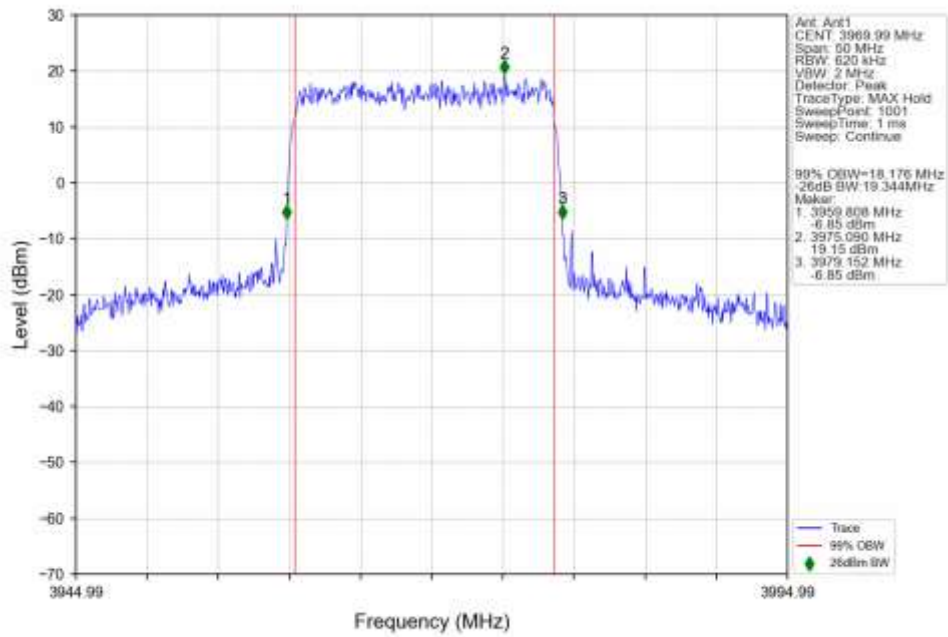
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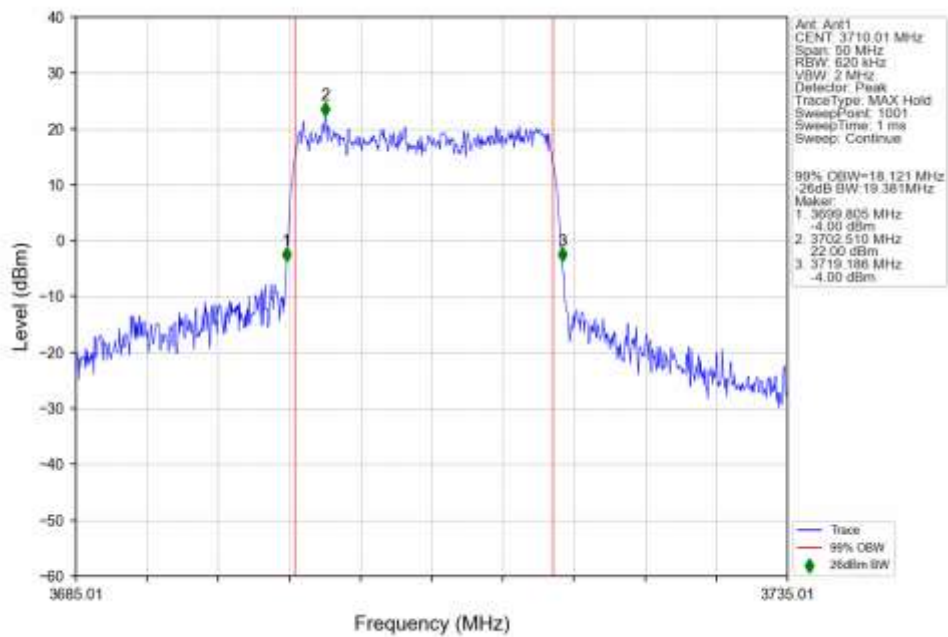
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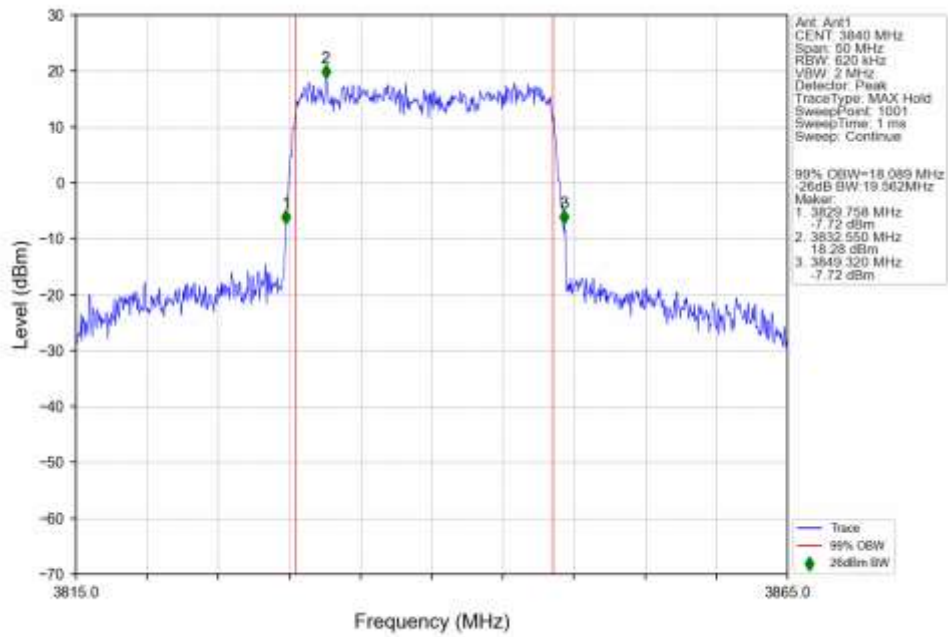
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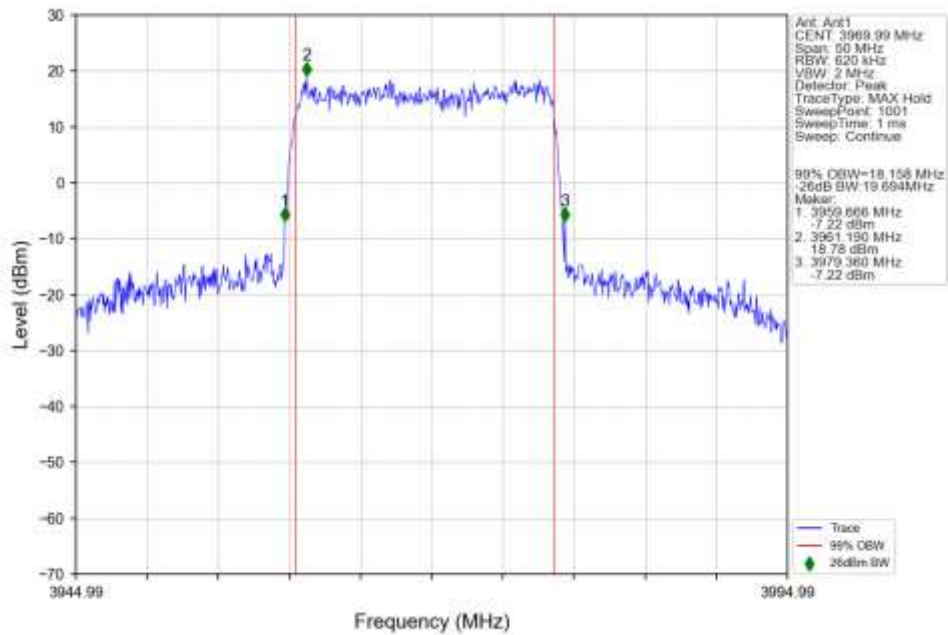
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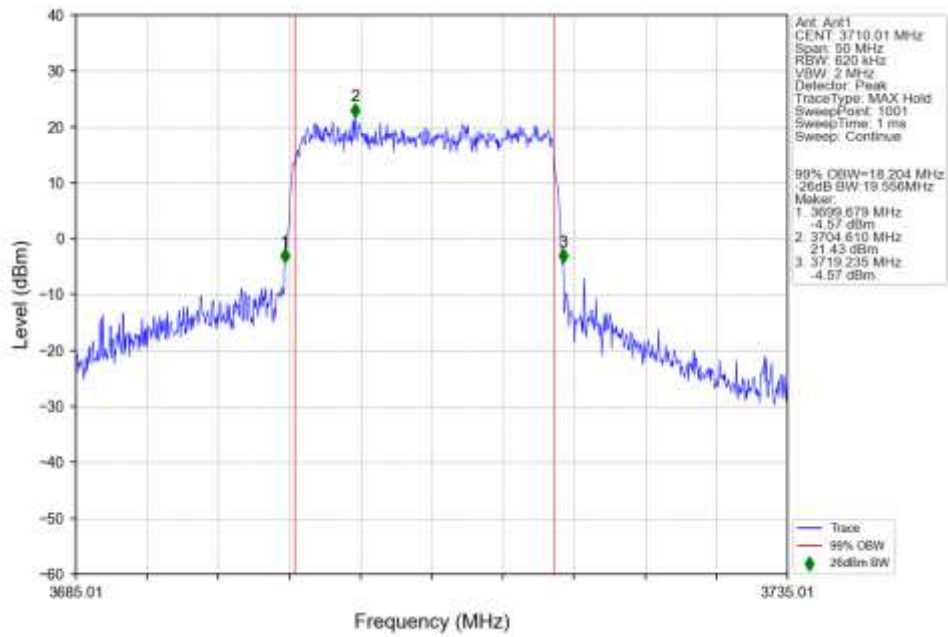
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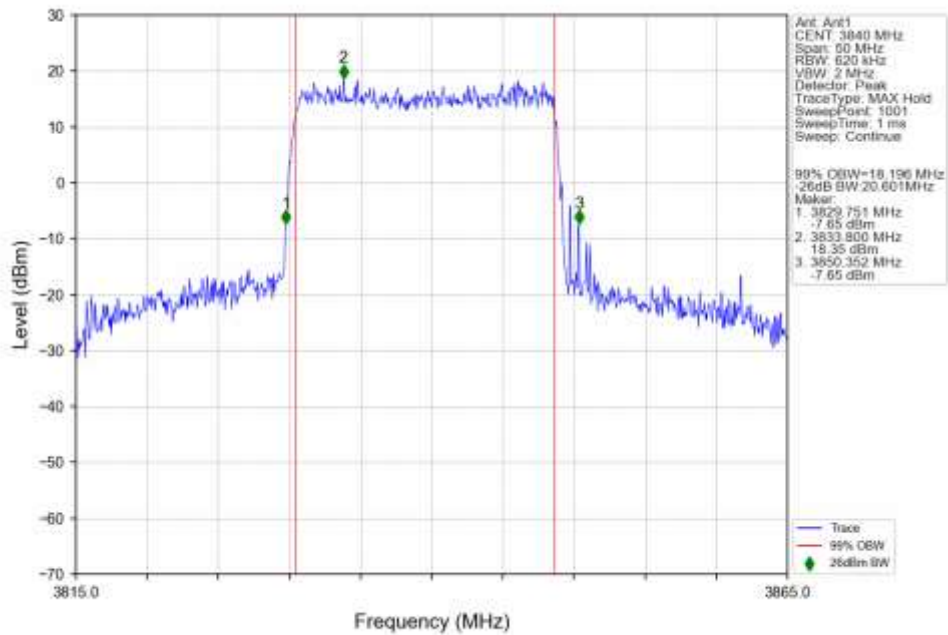
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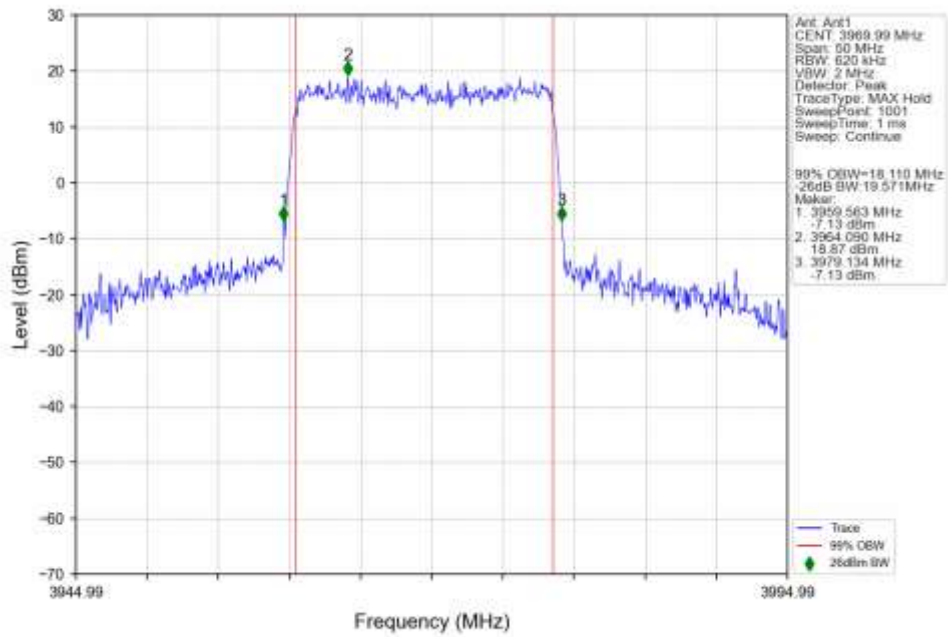
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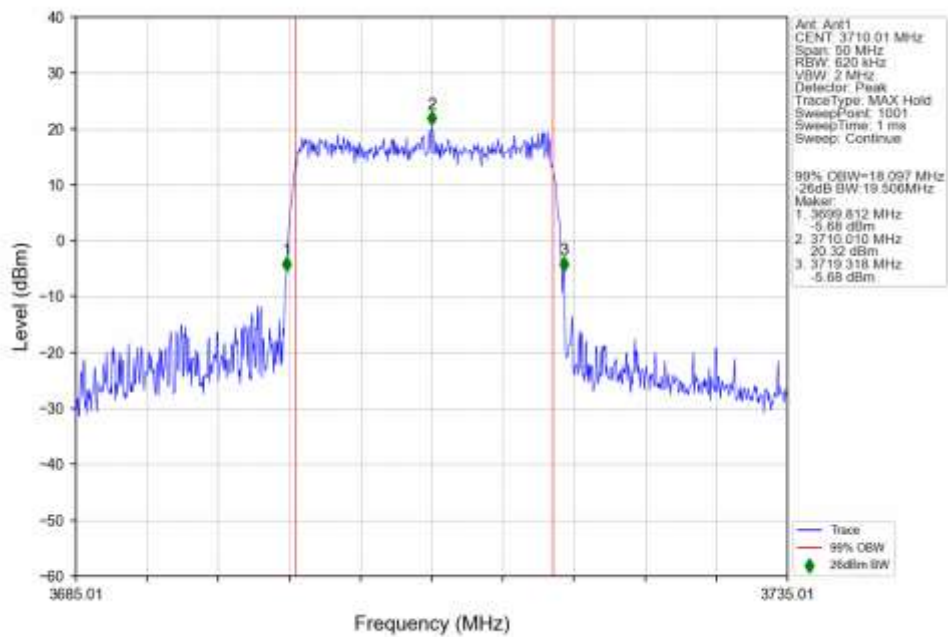
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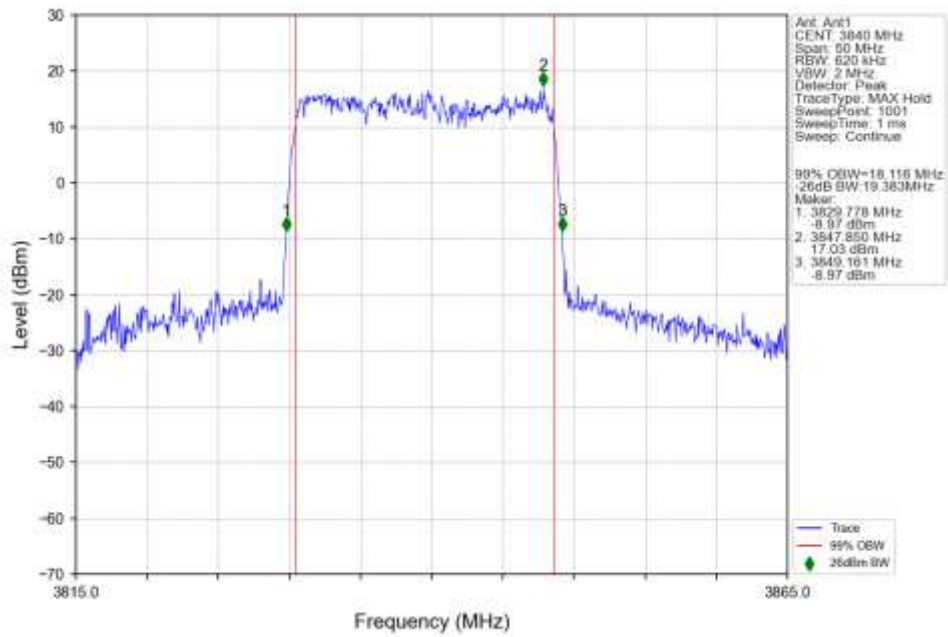
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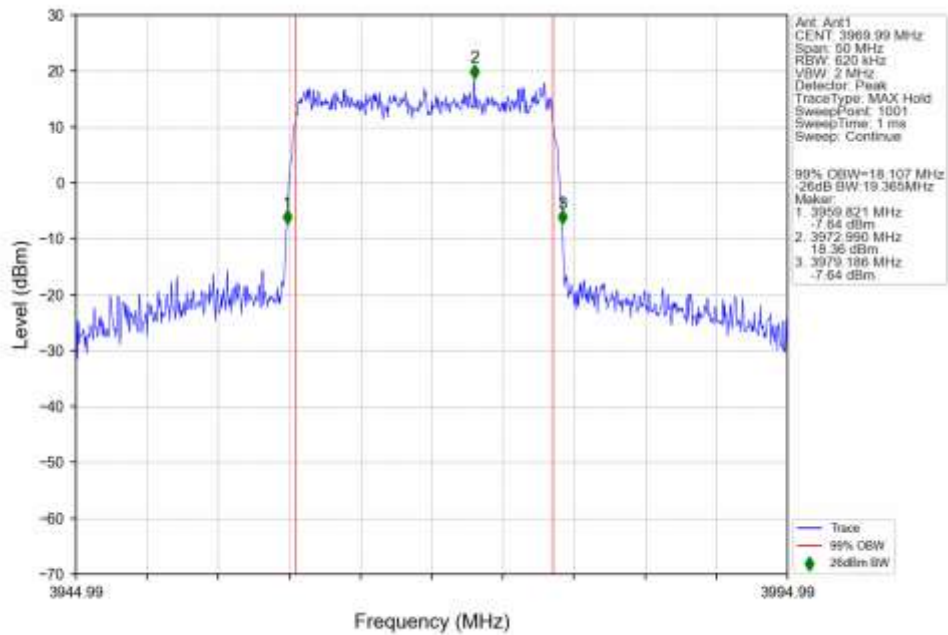
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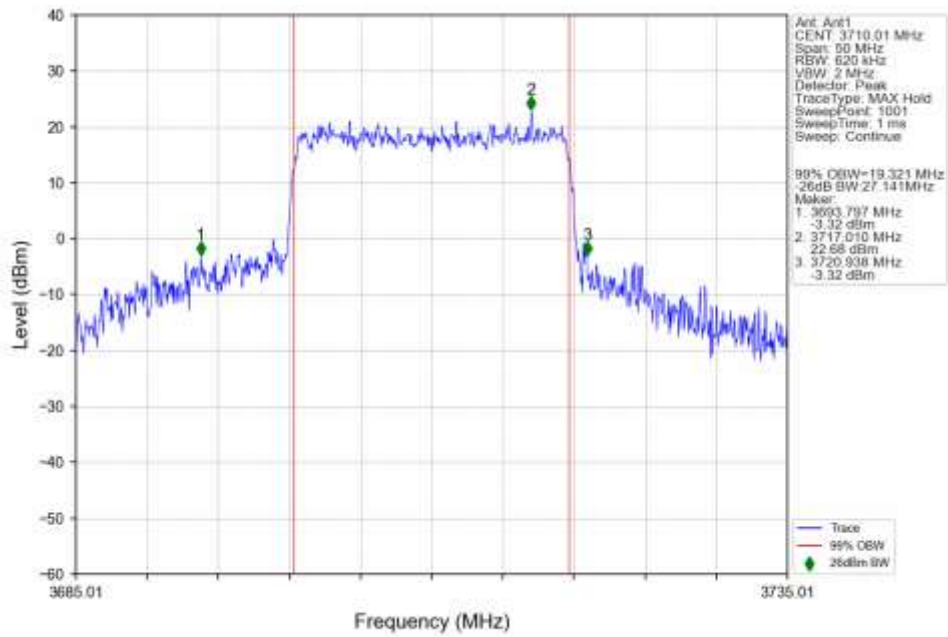
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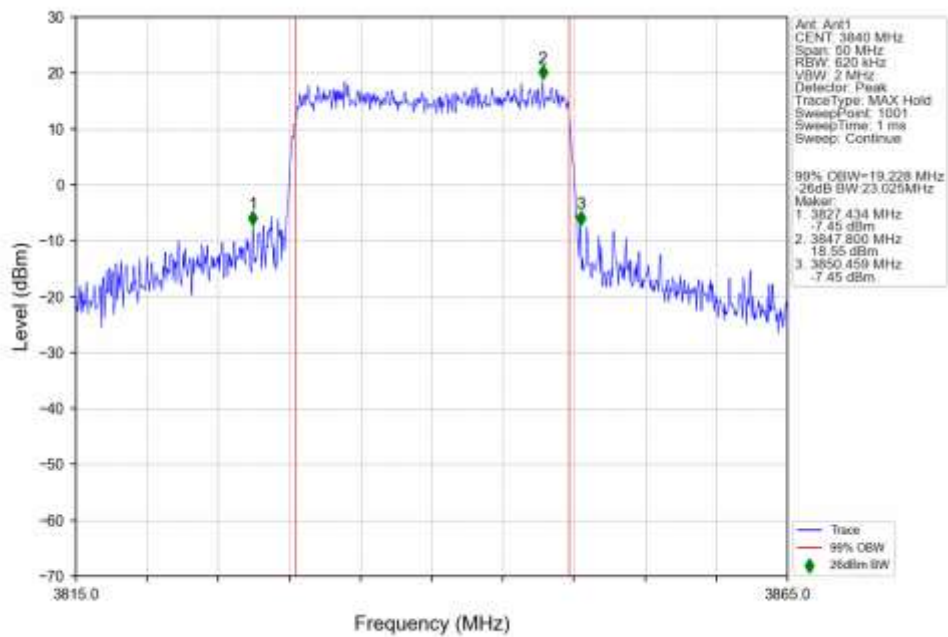
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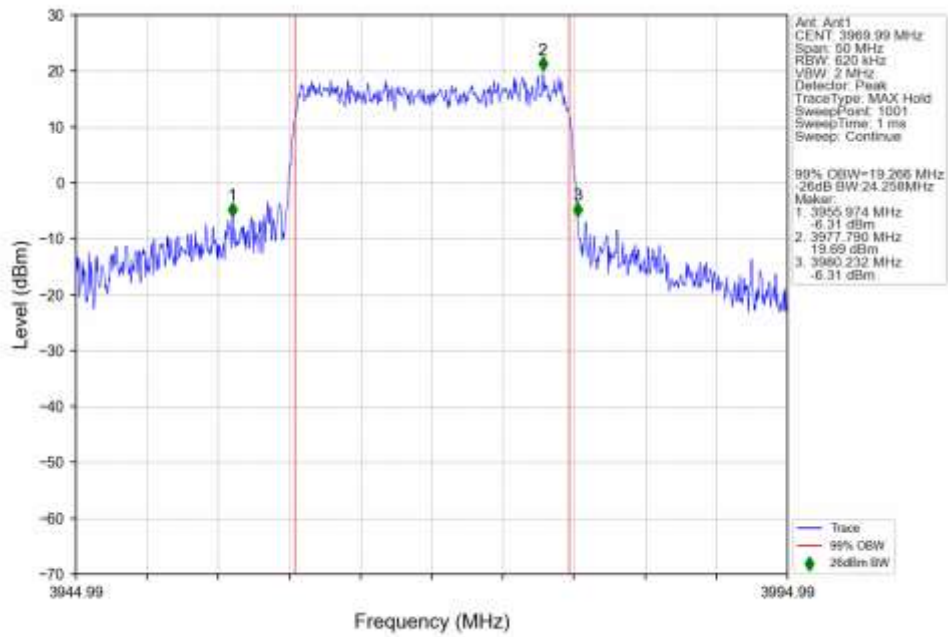
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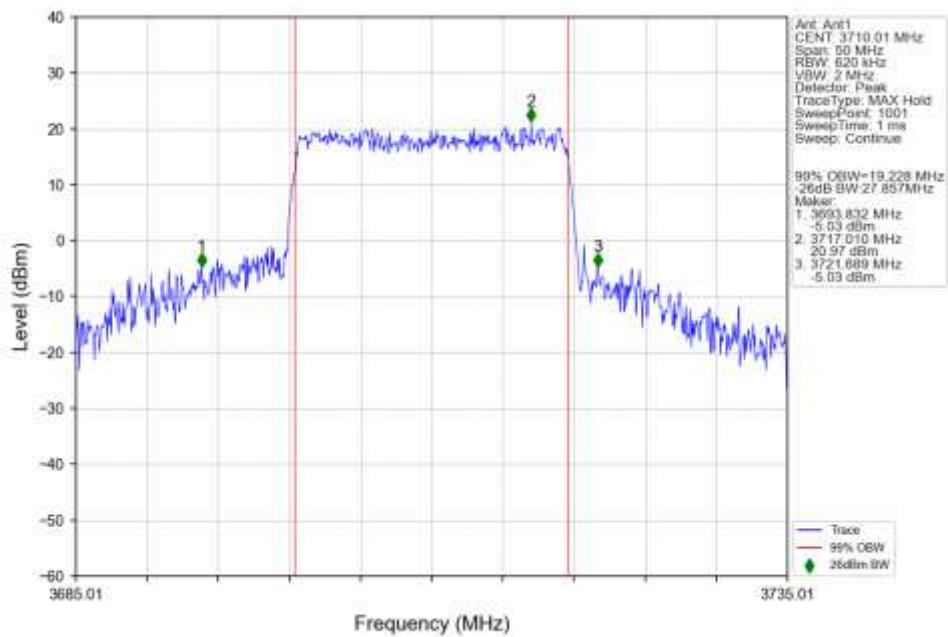
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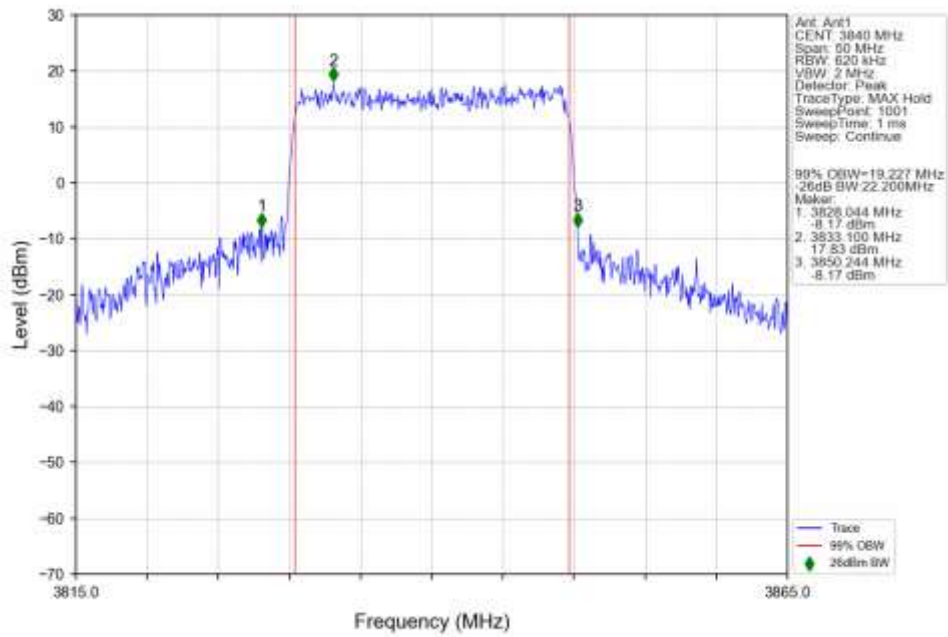
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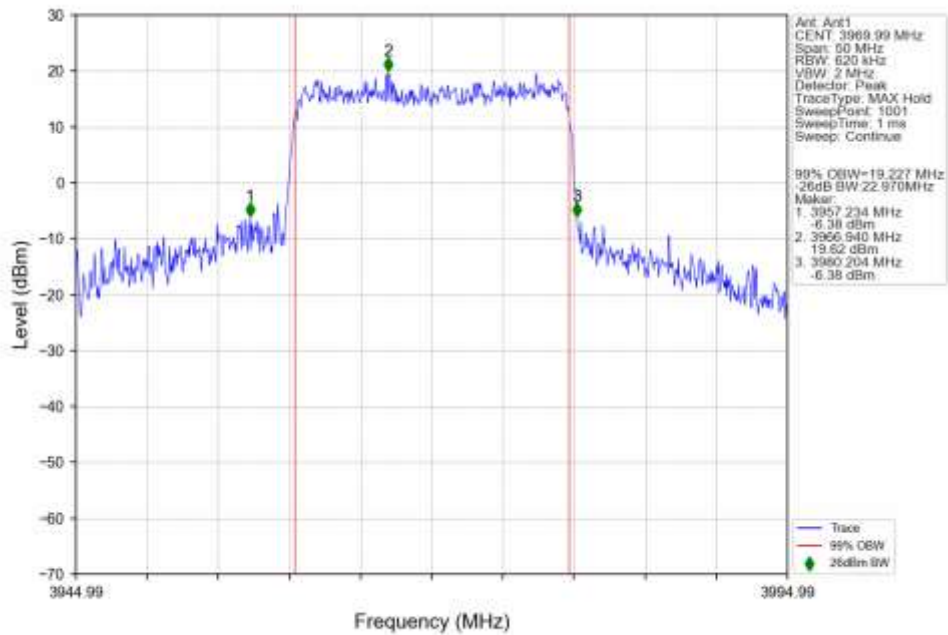
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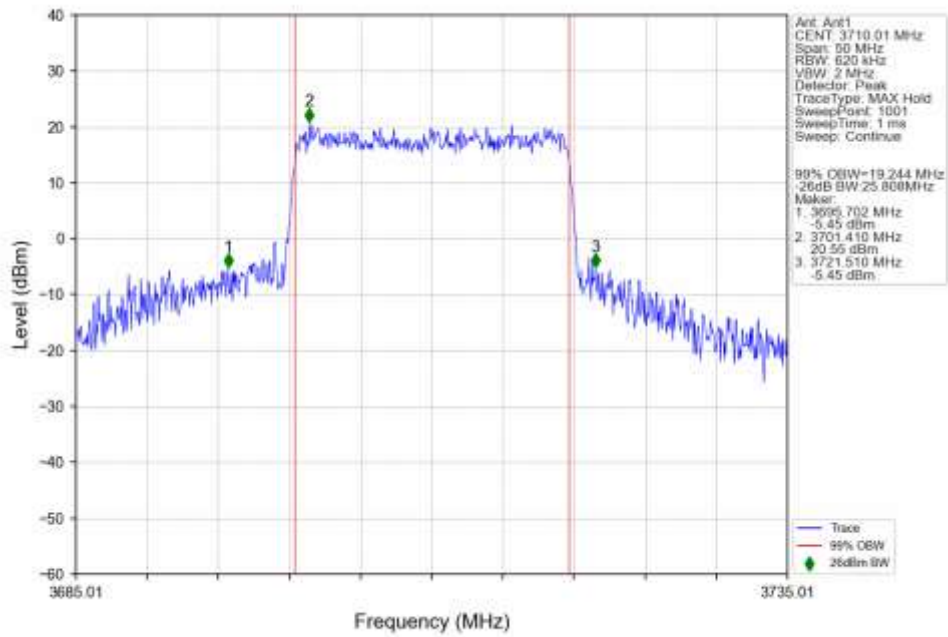
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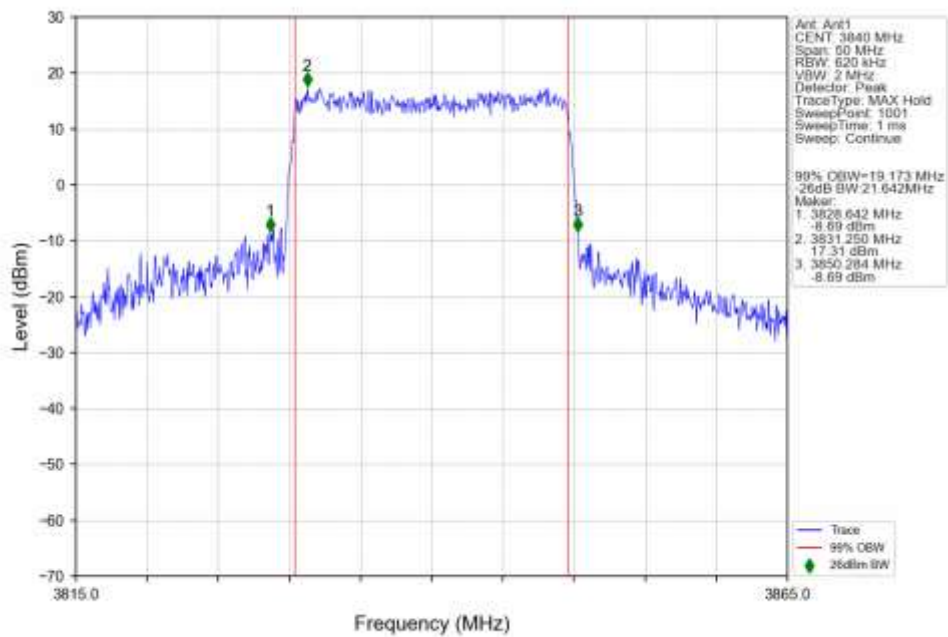
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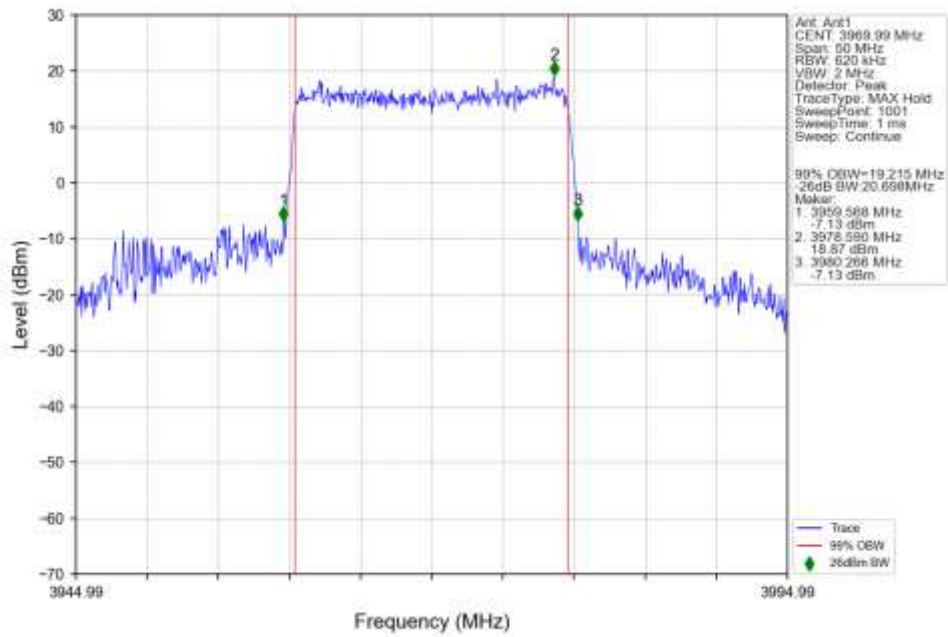
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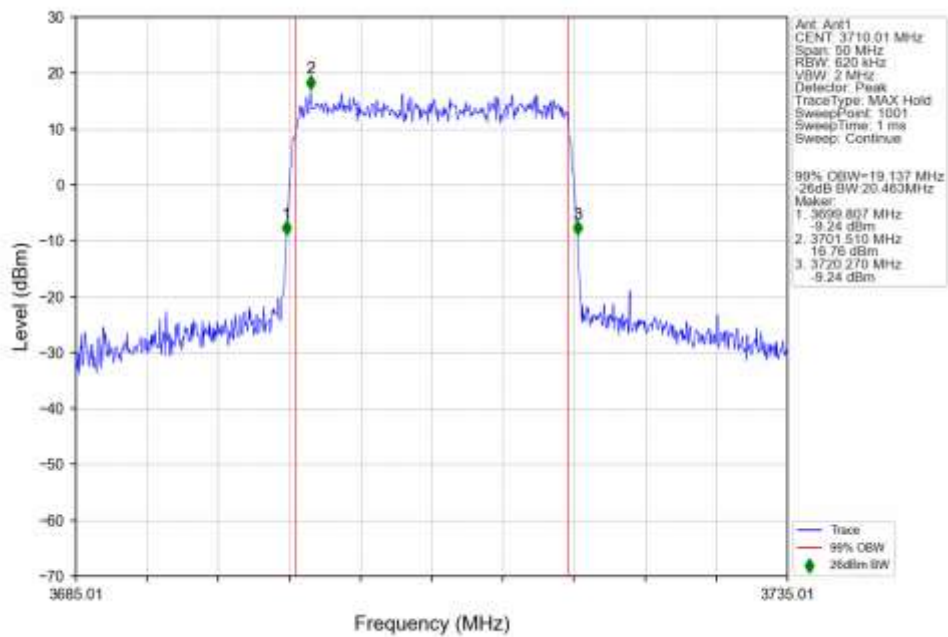
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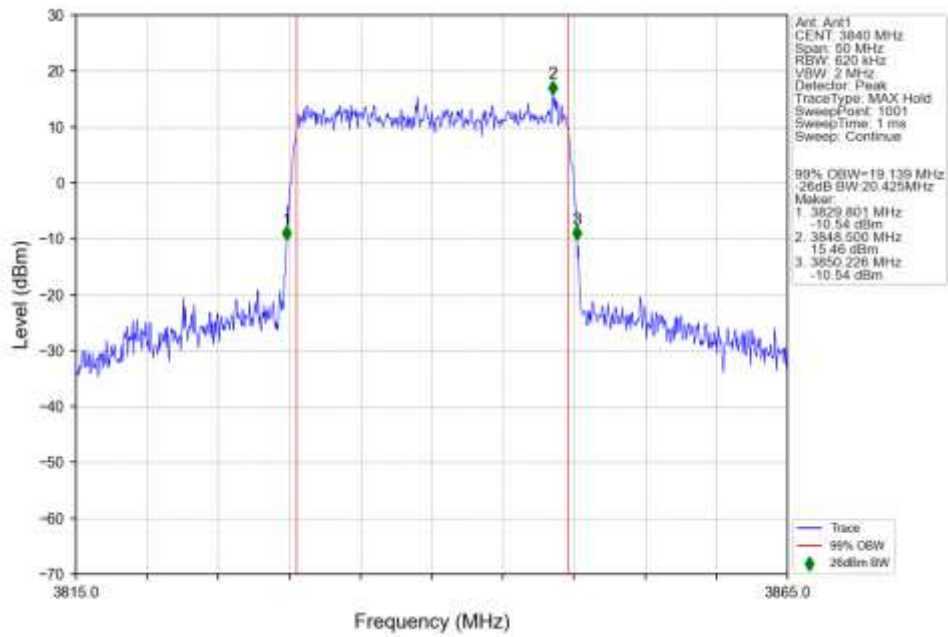
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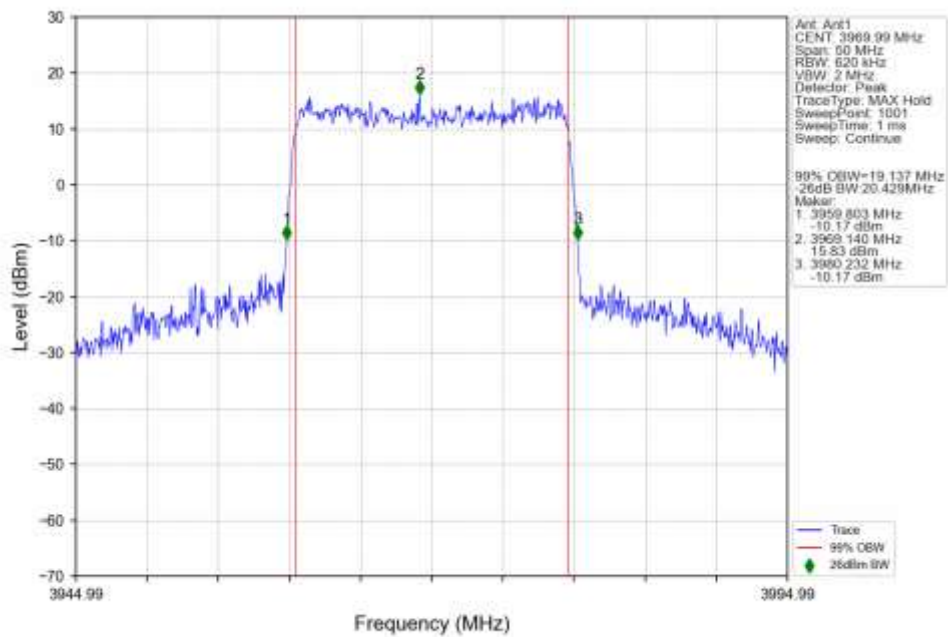
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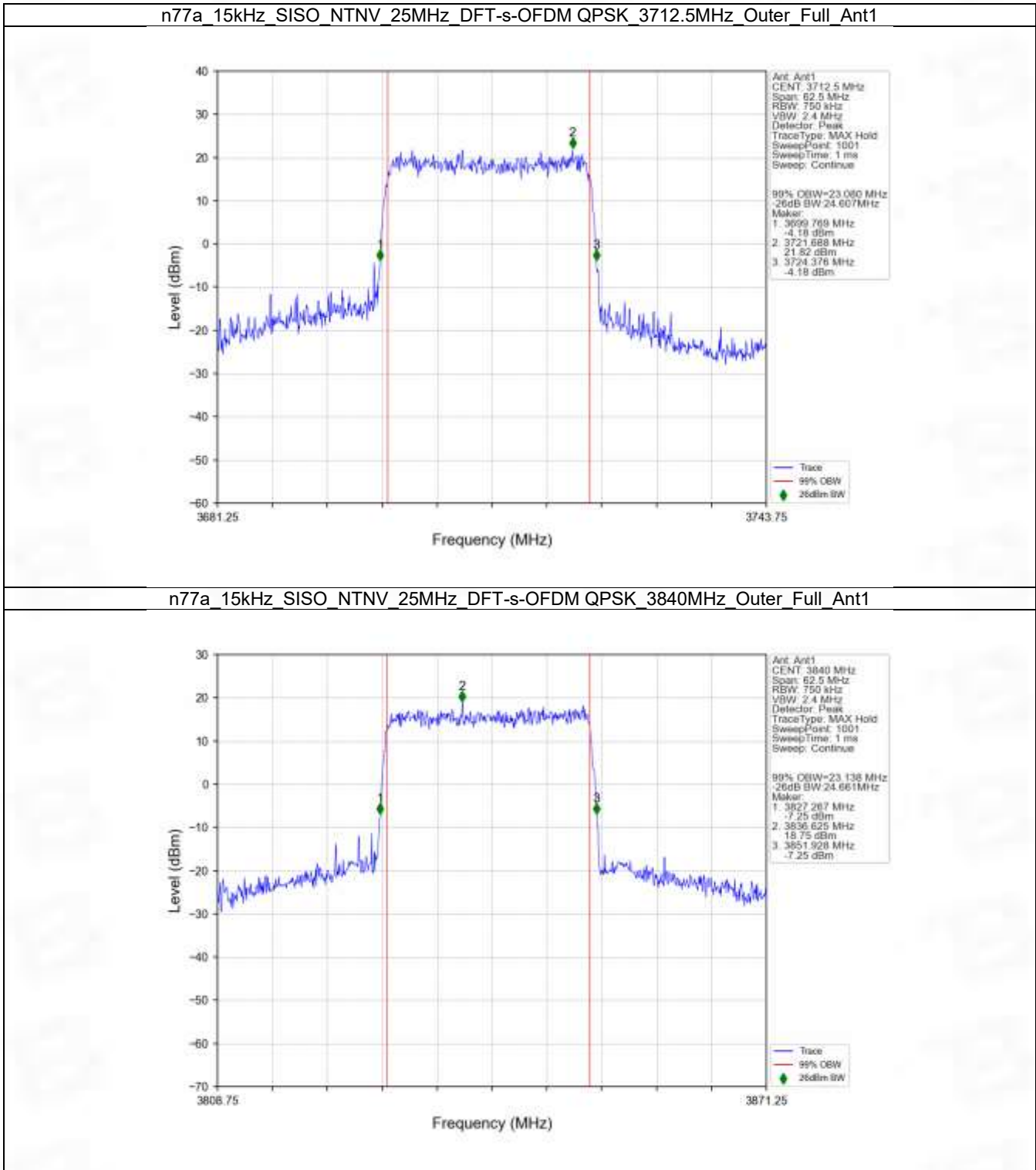
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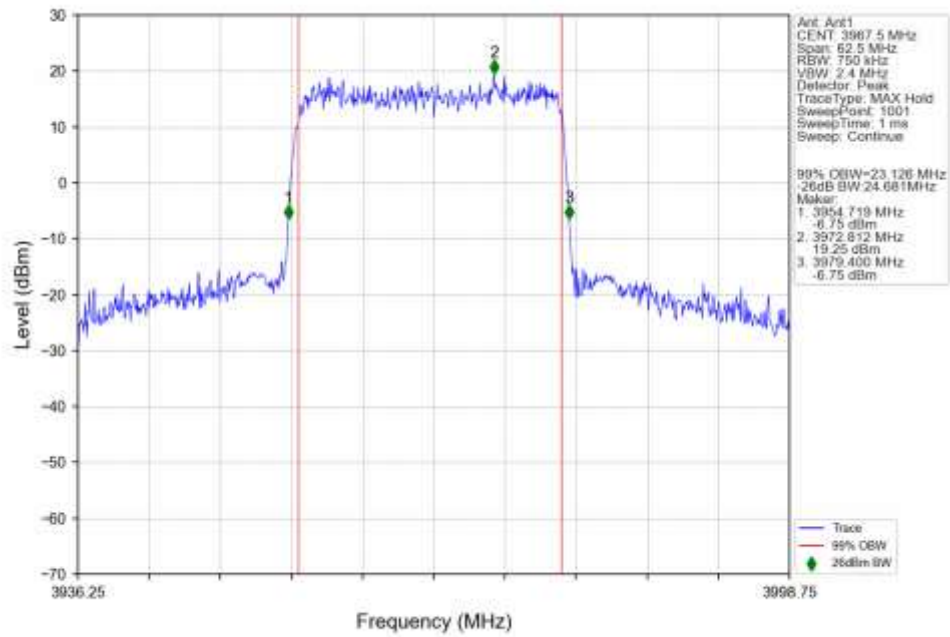
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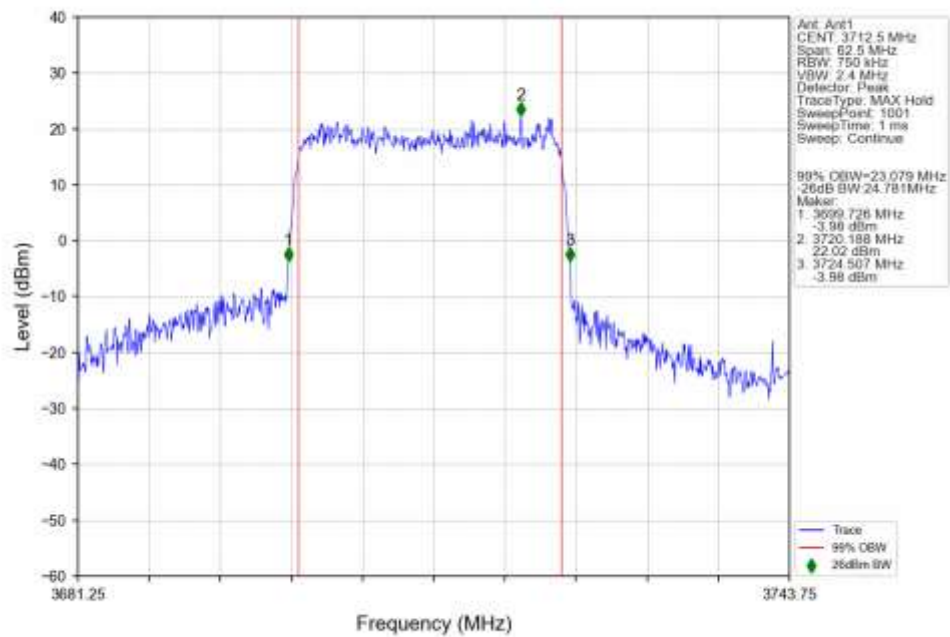
4.2.4 15k_SISO_25MHz_NTNV



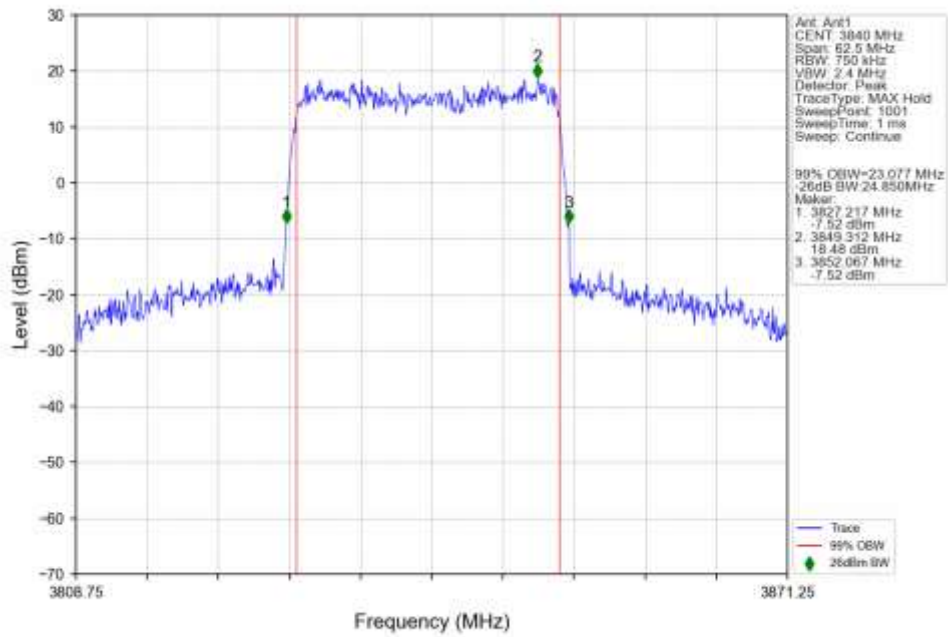
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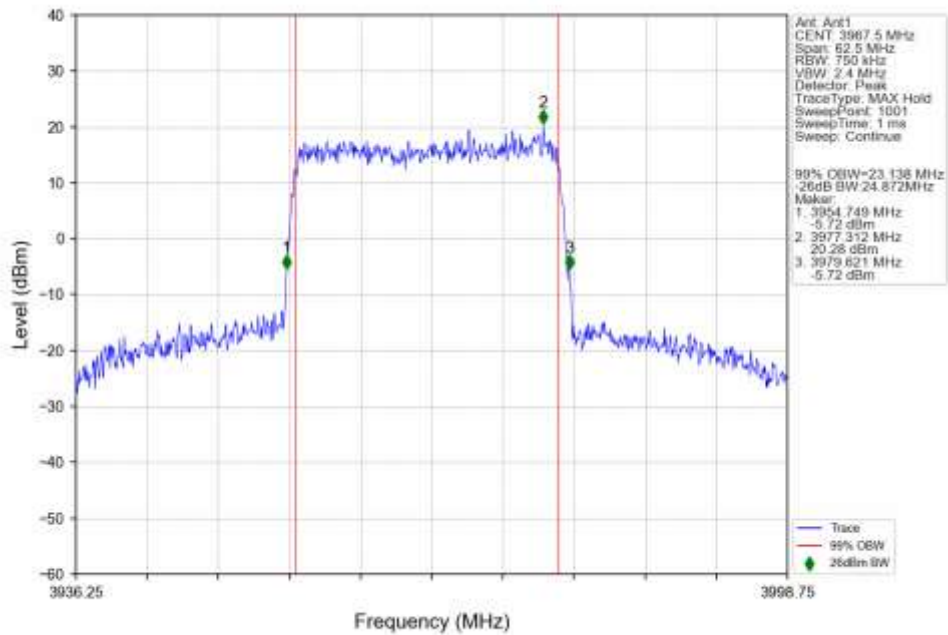
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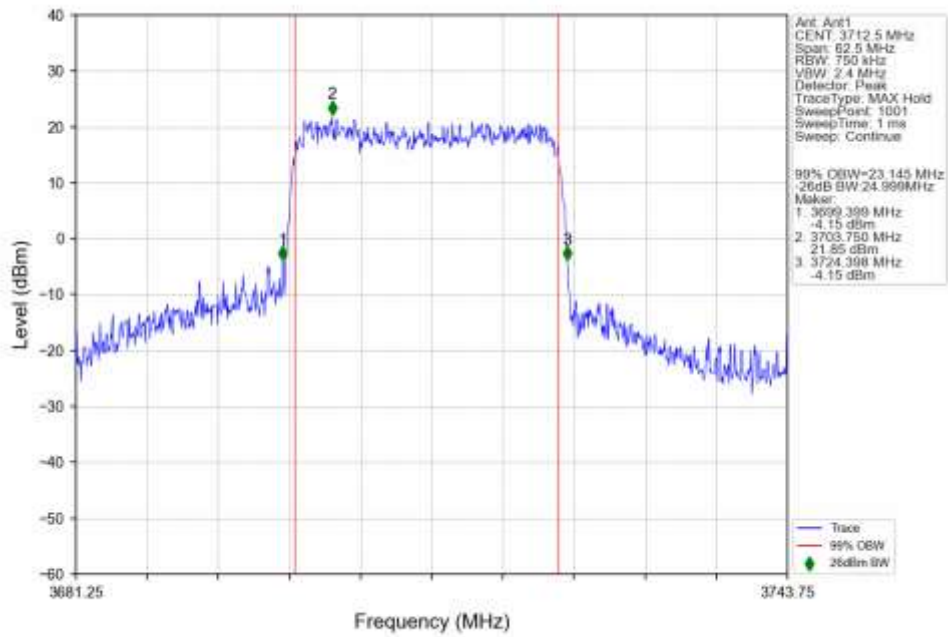
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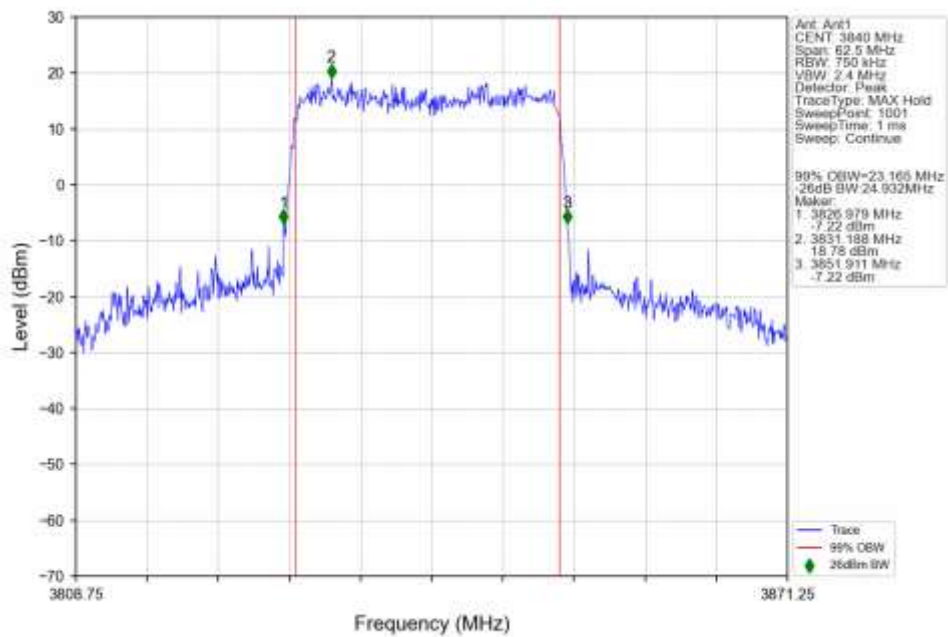
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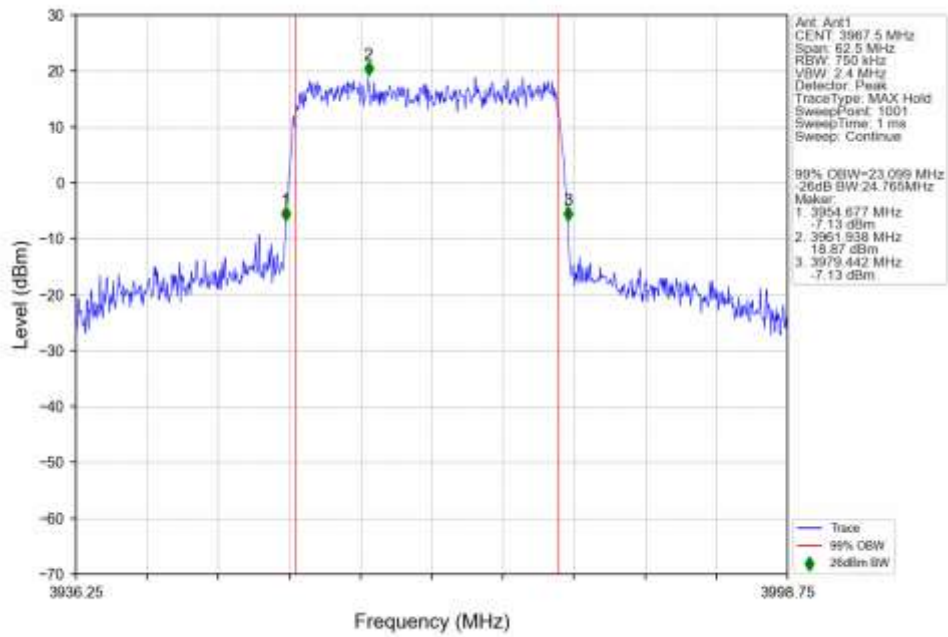
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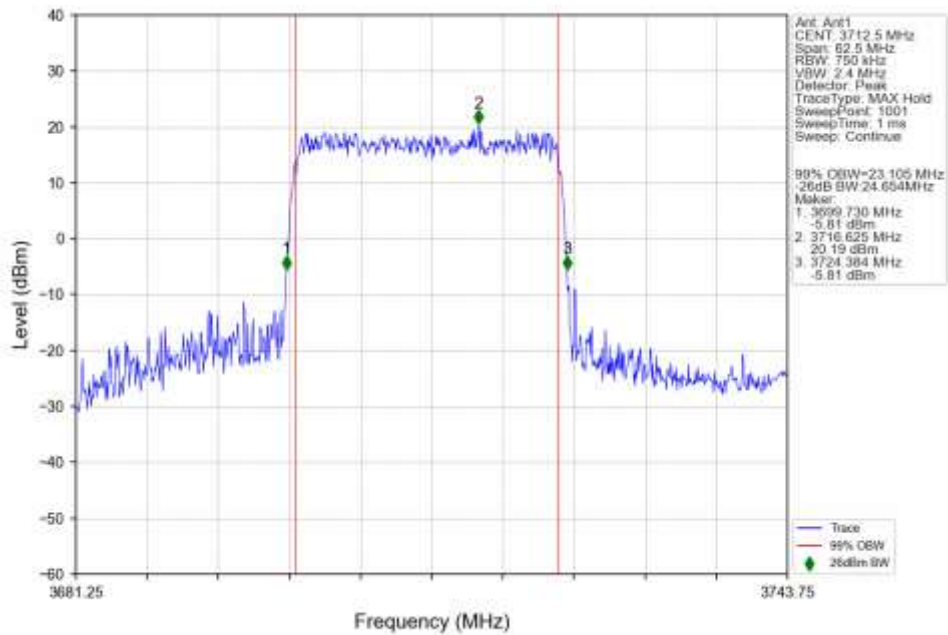
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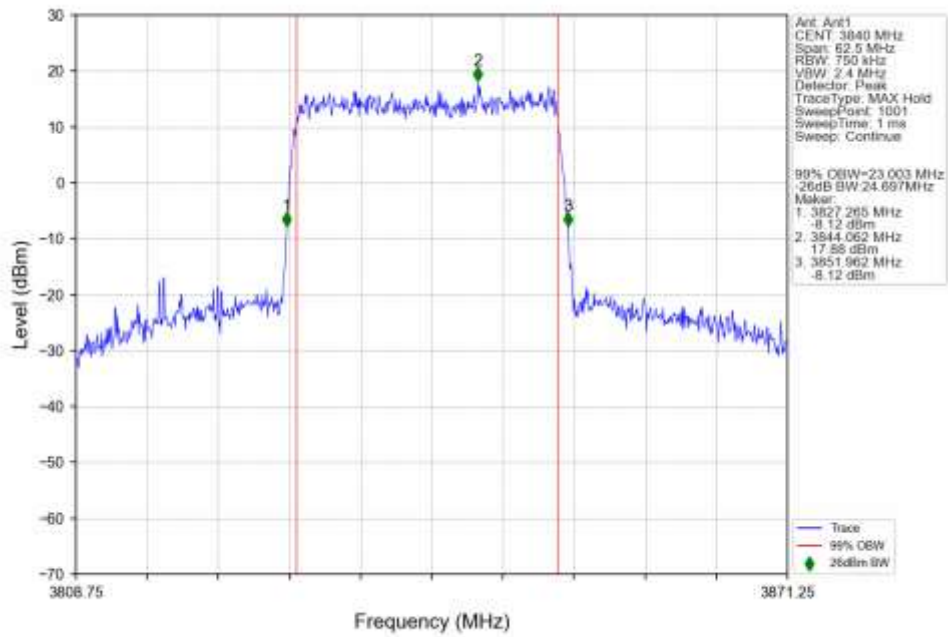
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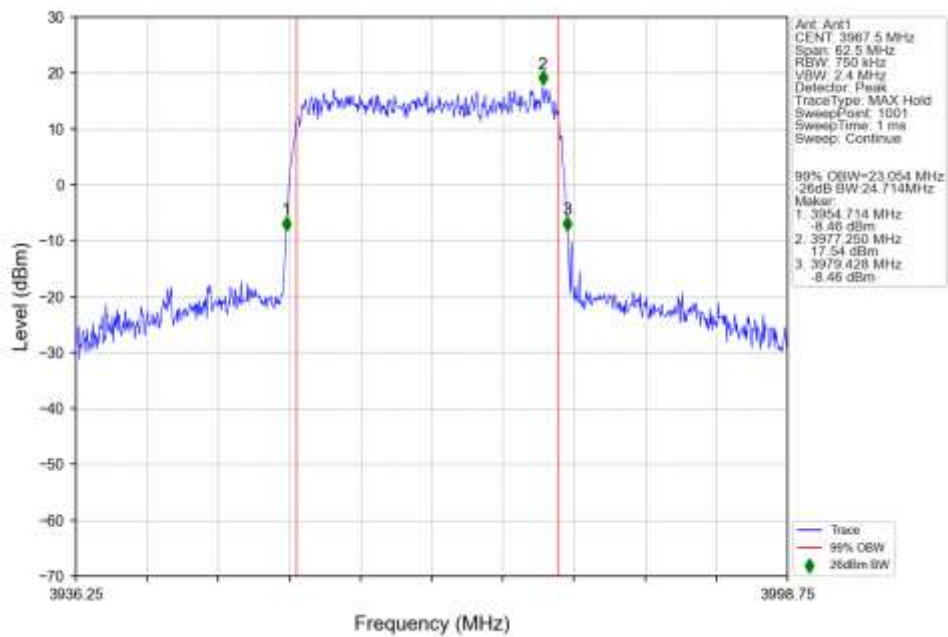
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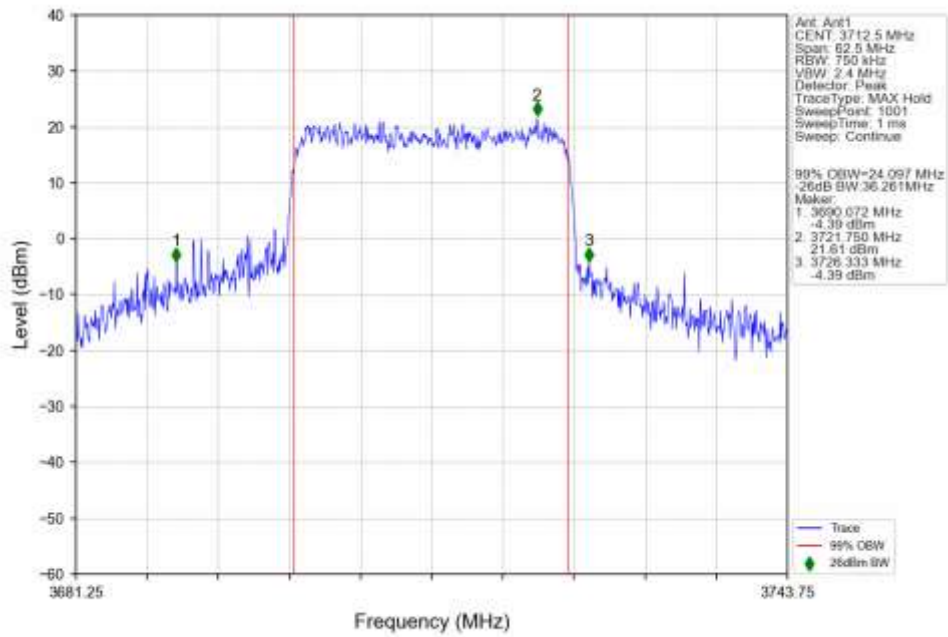
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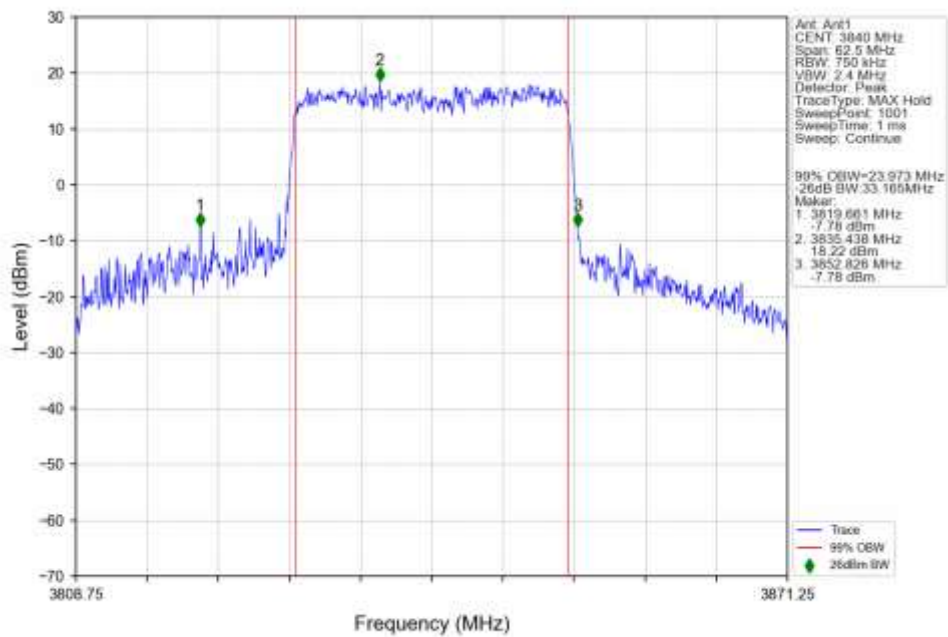
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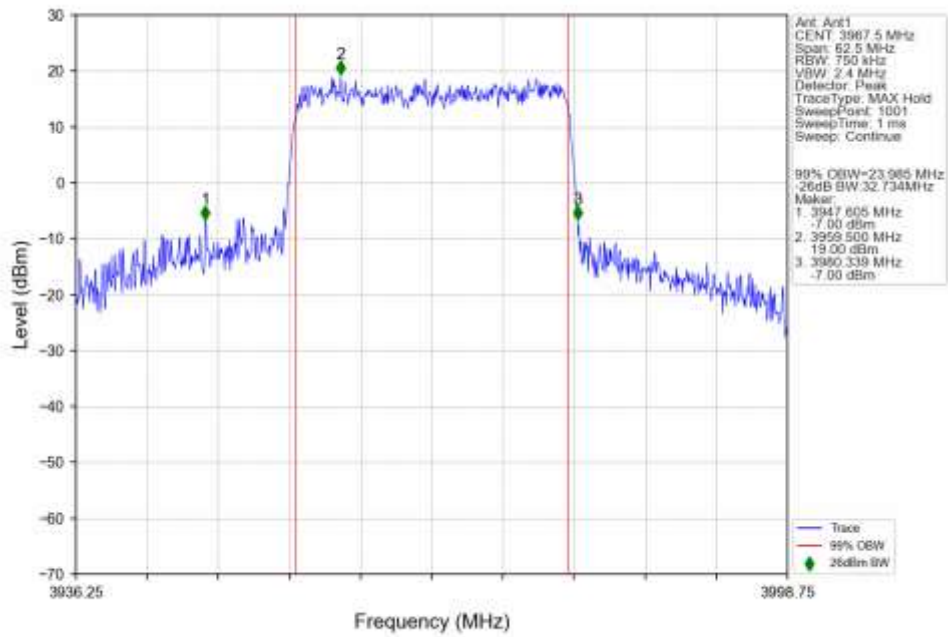
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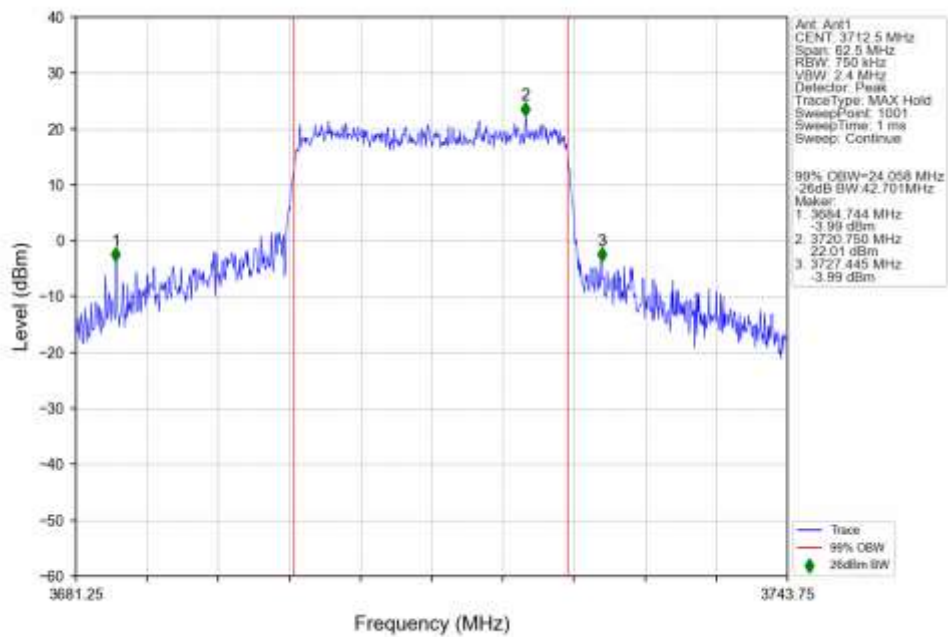
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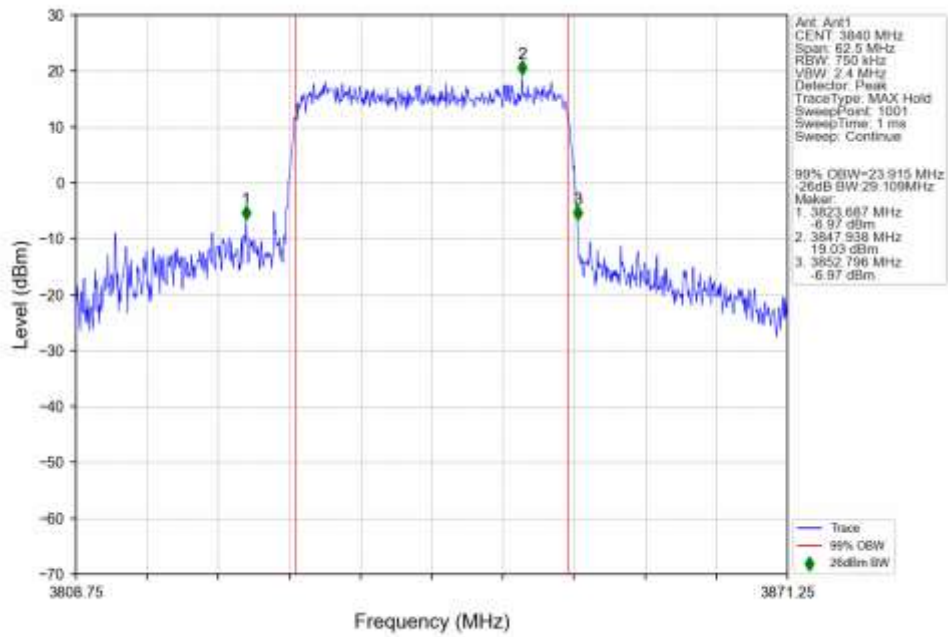
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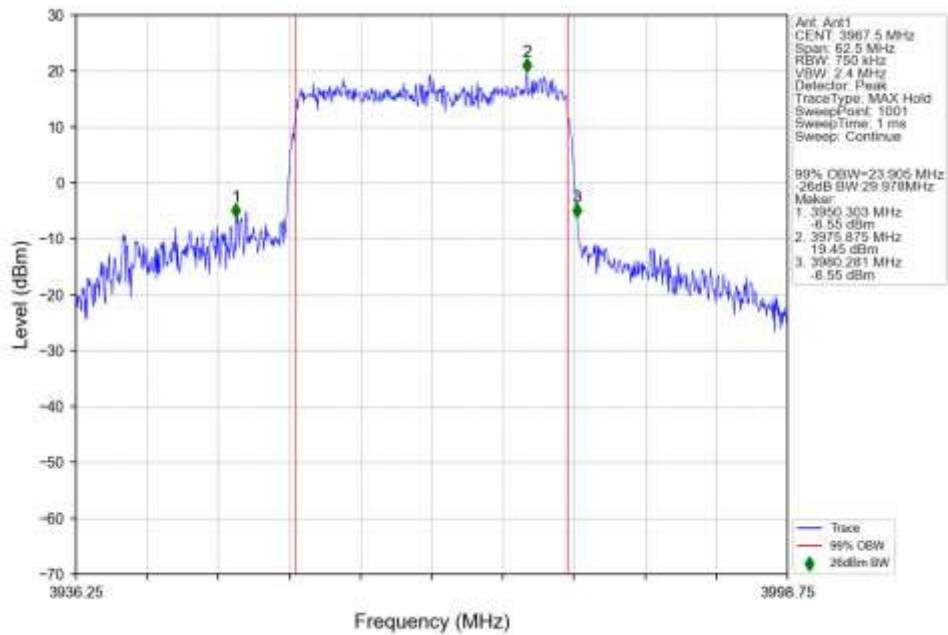
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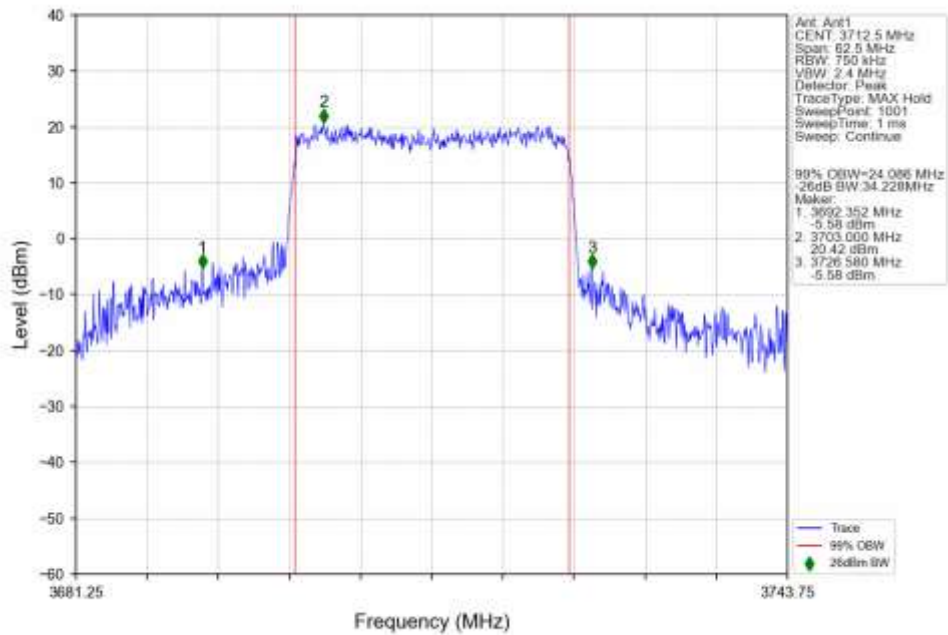
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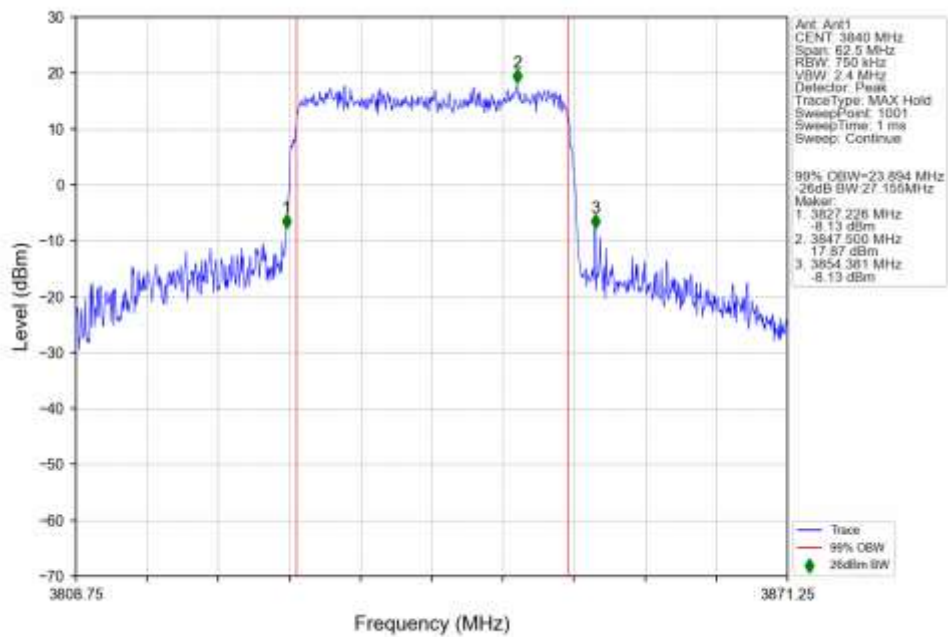
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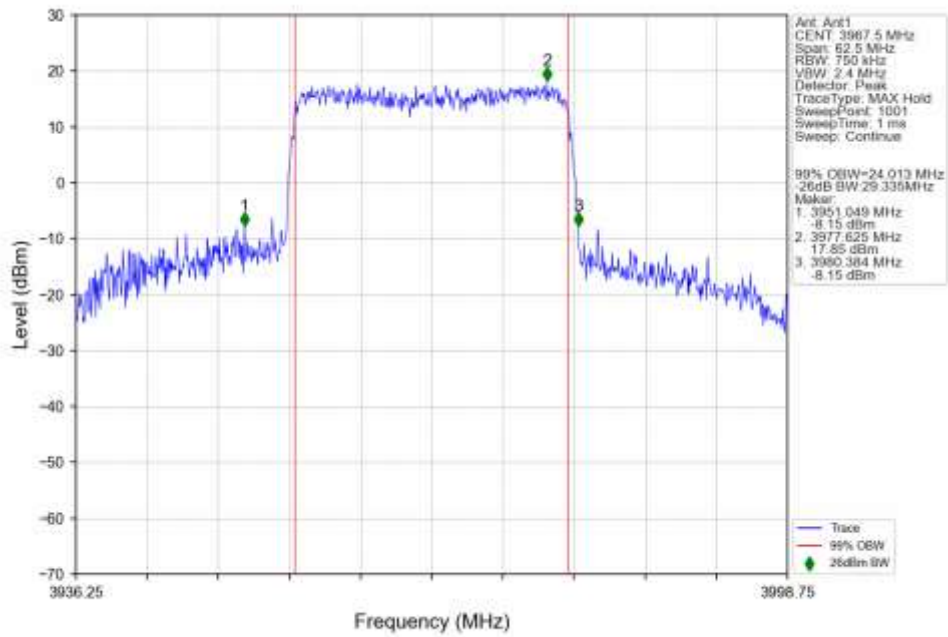
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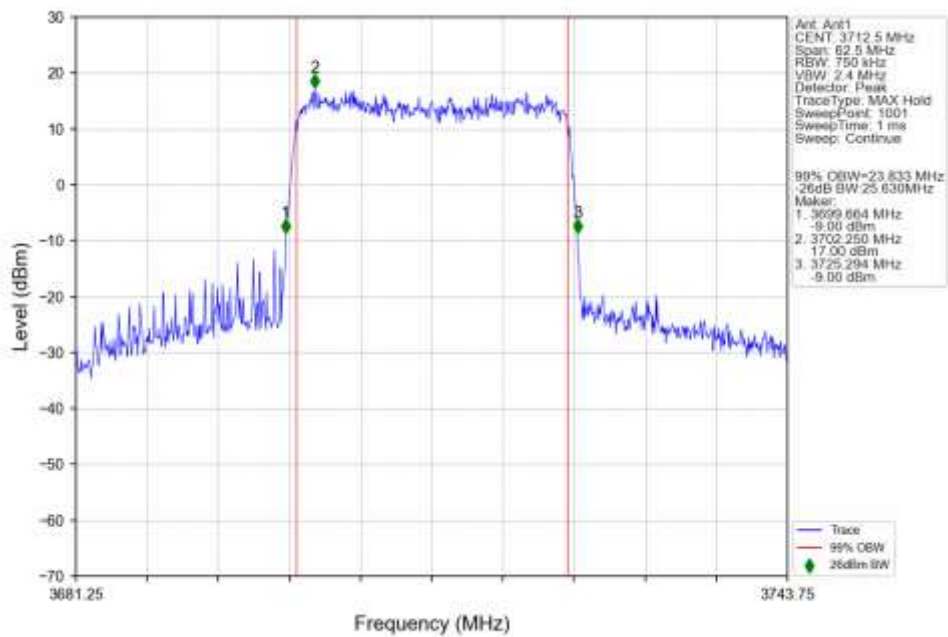
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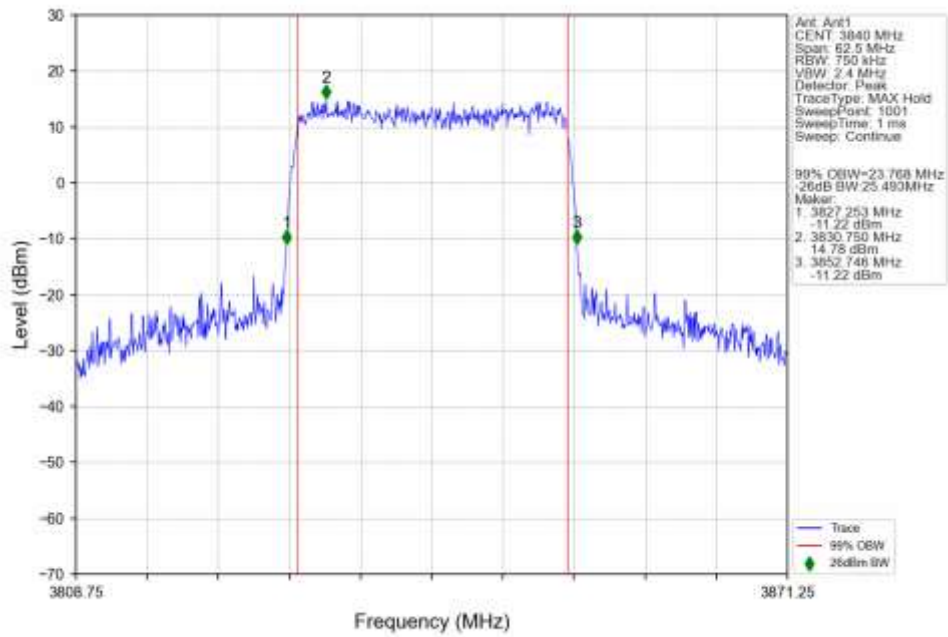
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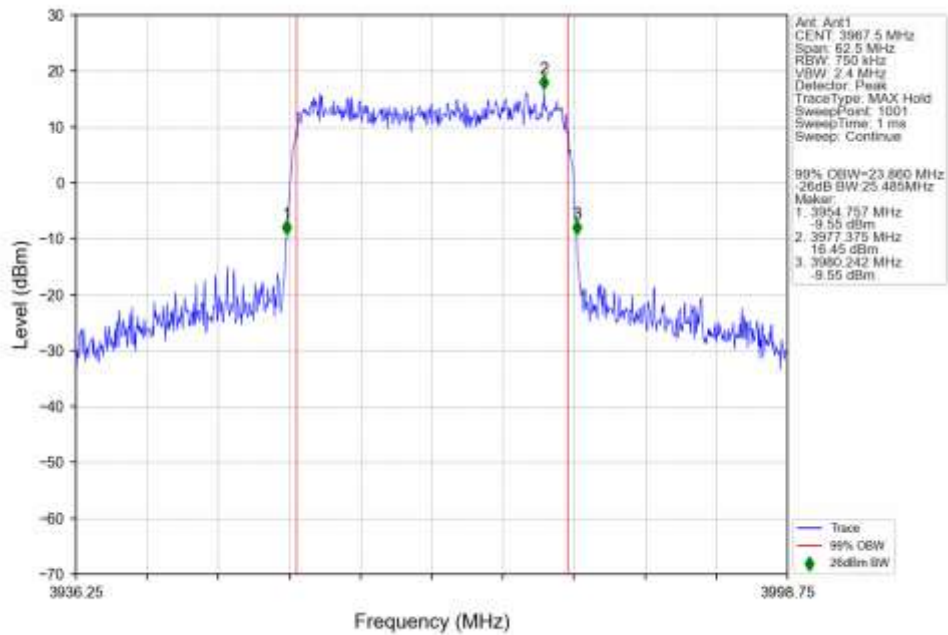
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n77a 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1

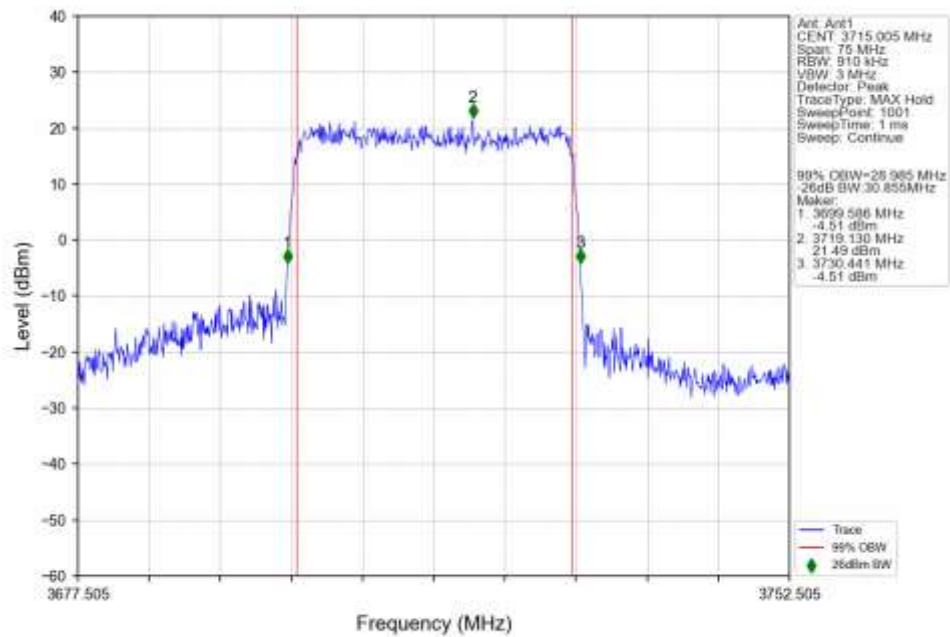


n77a 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 3967.5MHz Outer Full Ant1

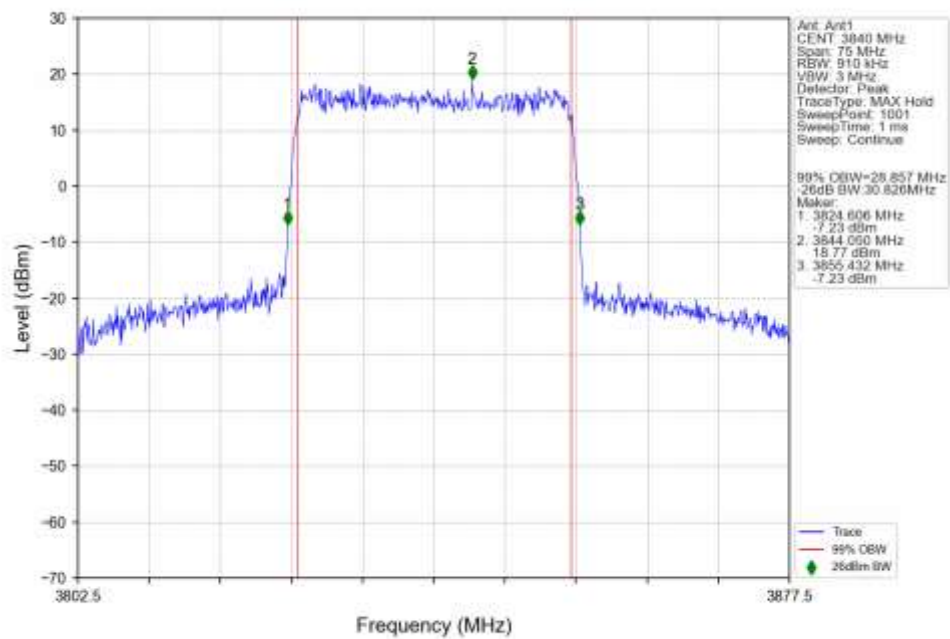


4.2.5 15k_SISO_30MHz_NTNV

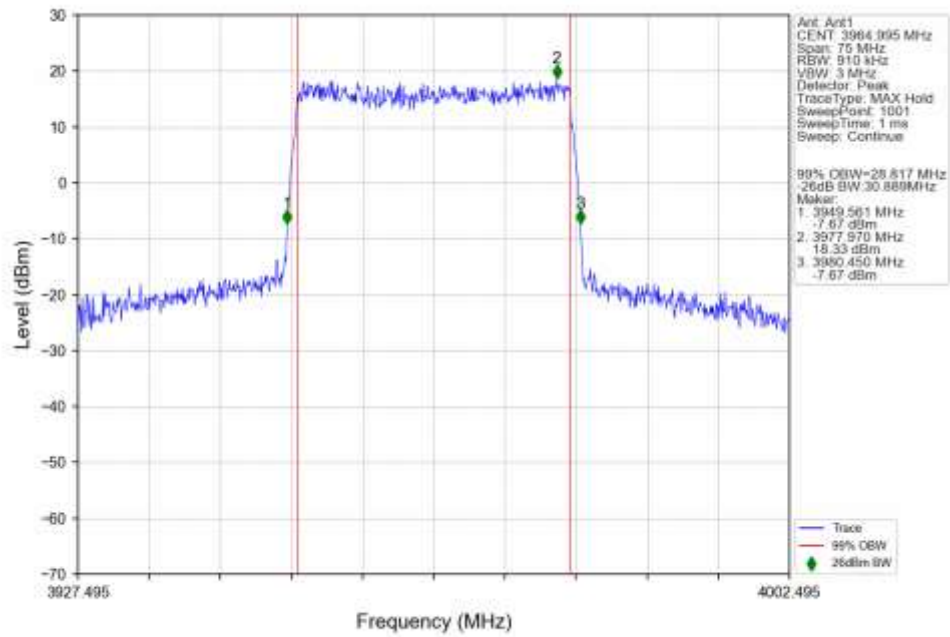
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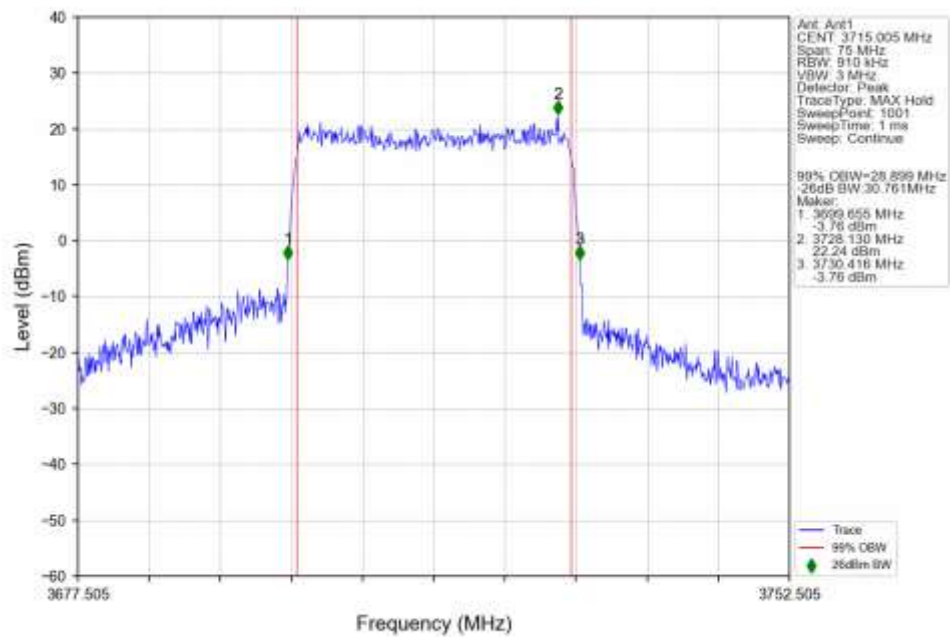
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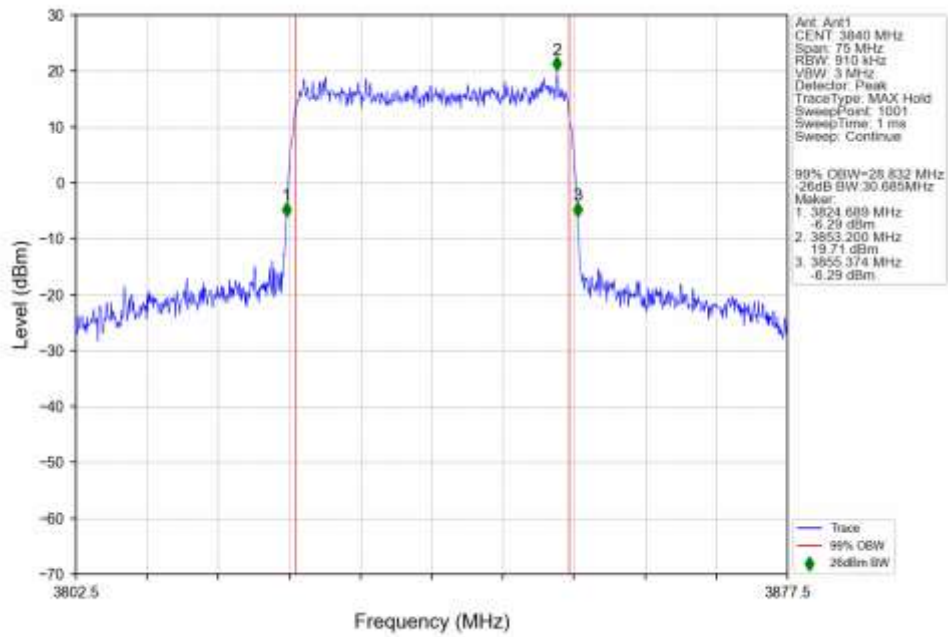
n77a 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3964.995MHz Outer Full Ant1



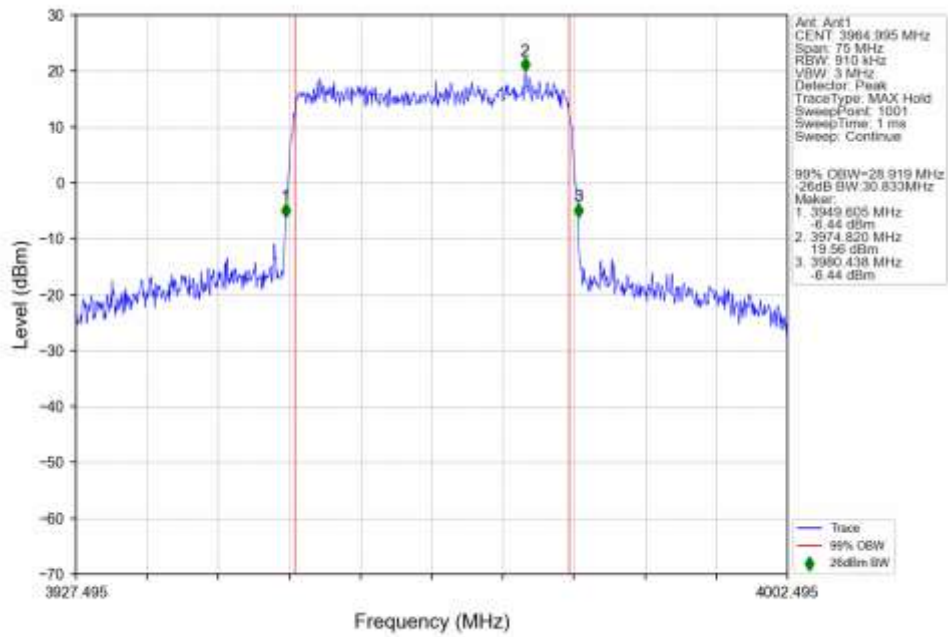
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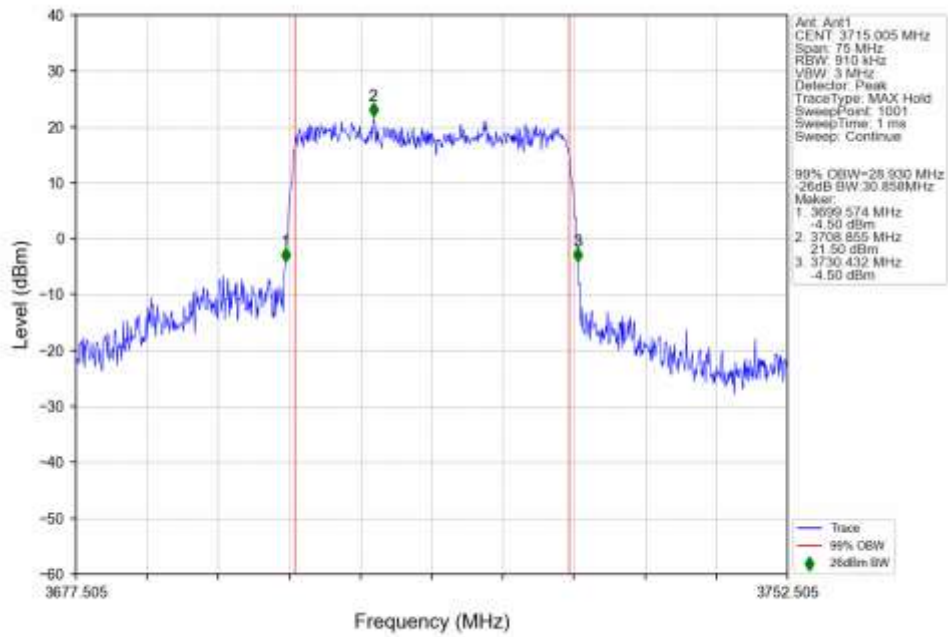
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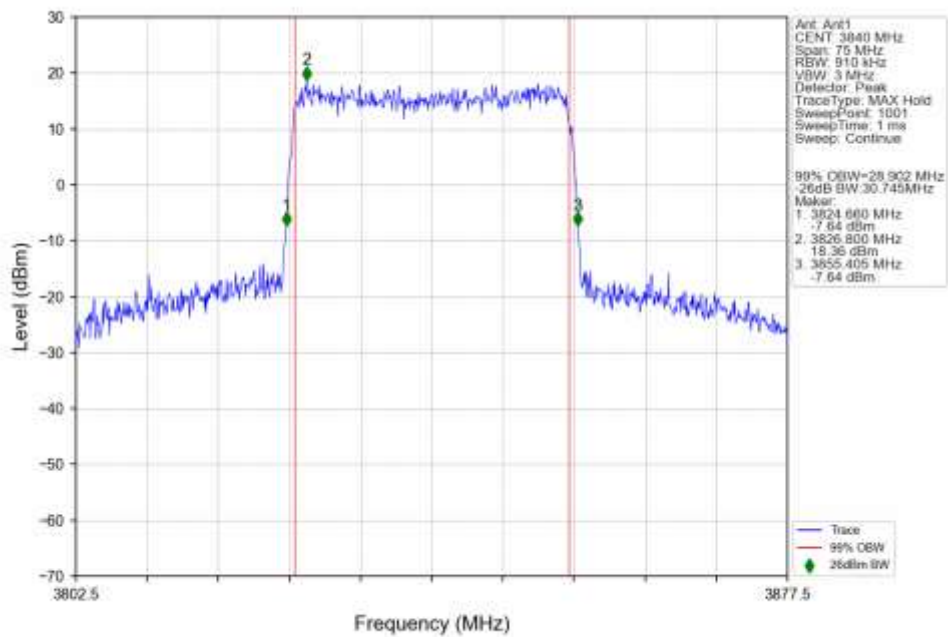
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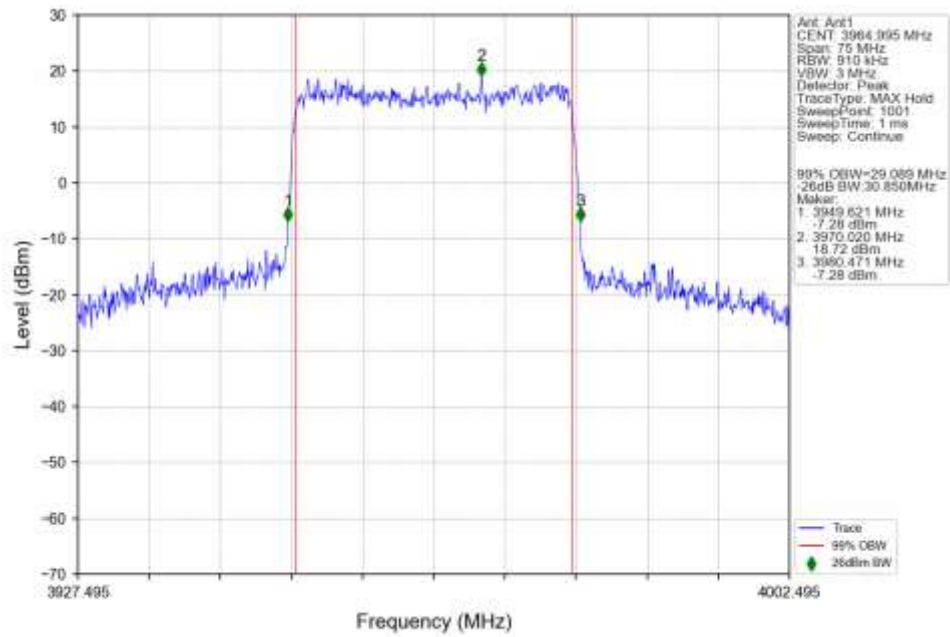
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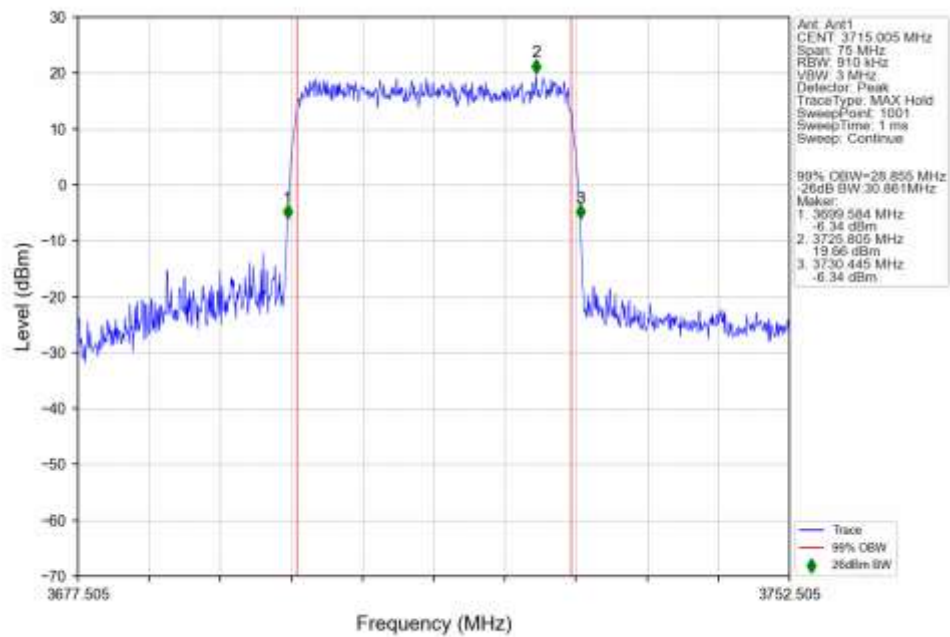
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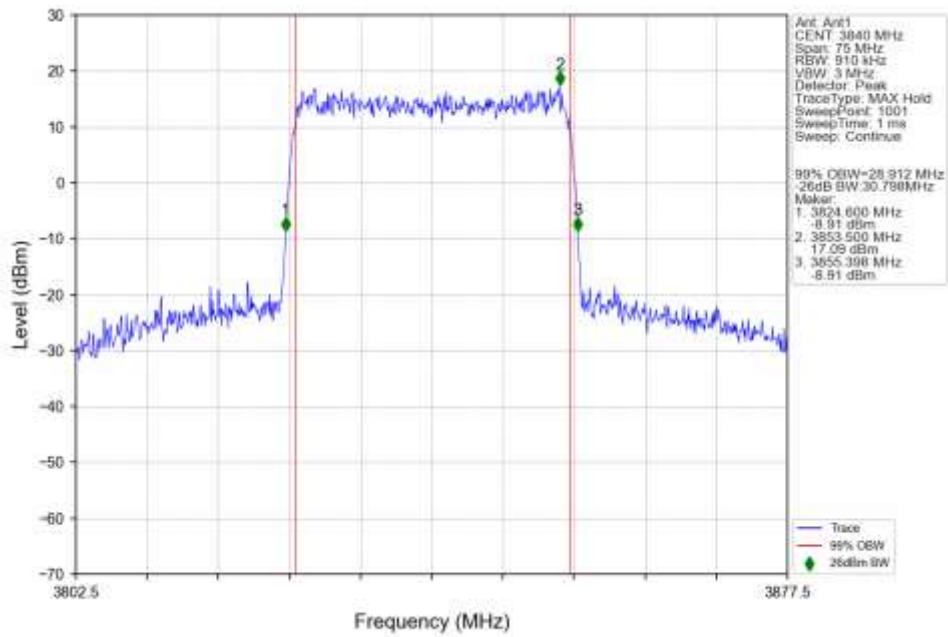
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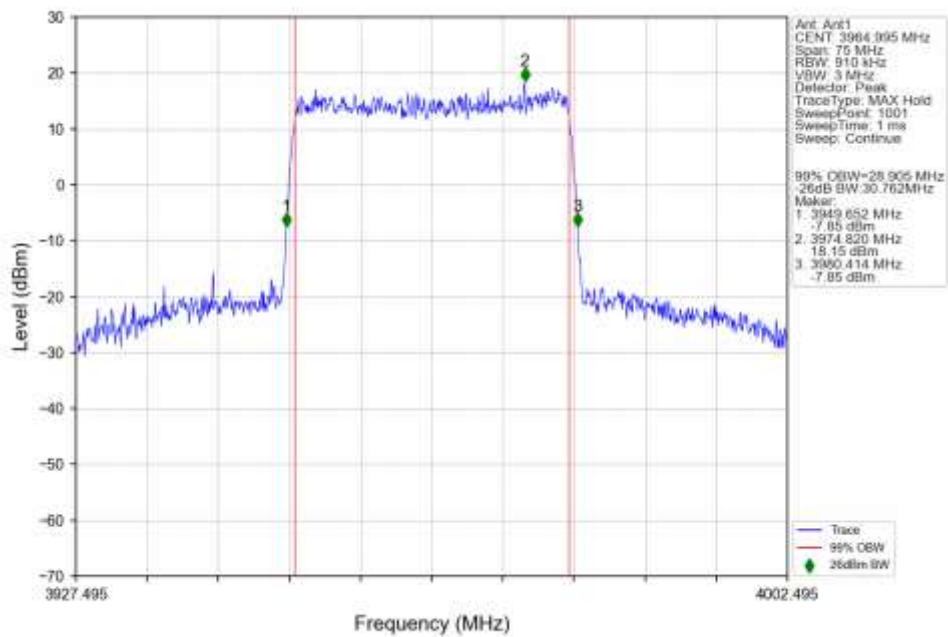
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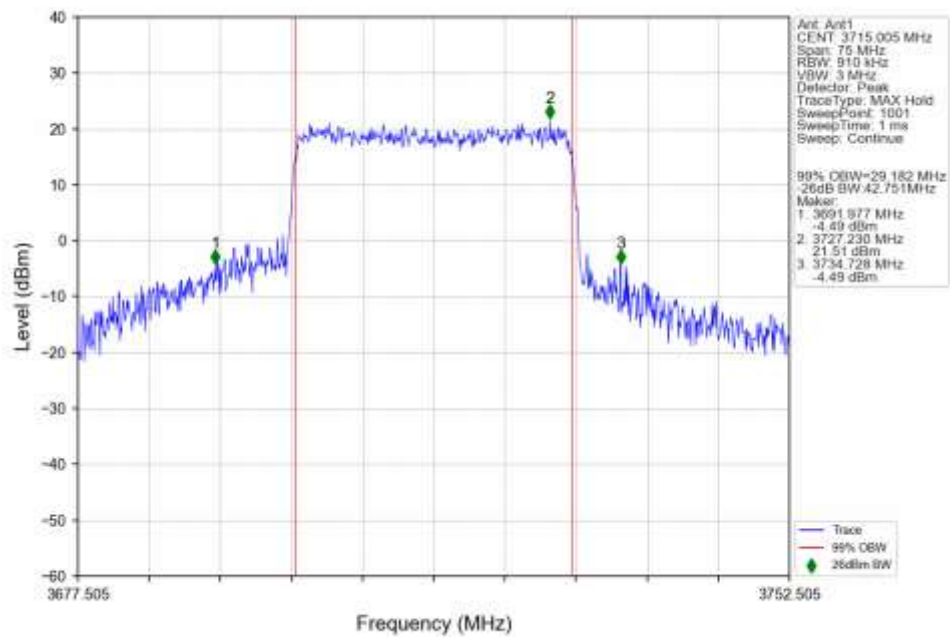
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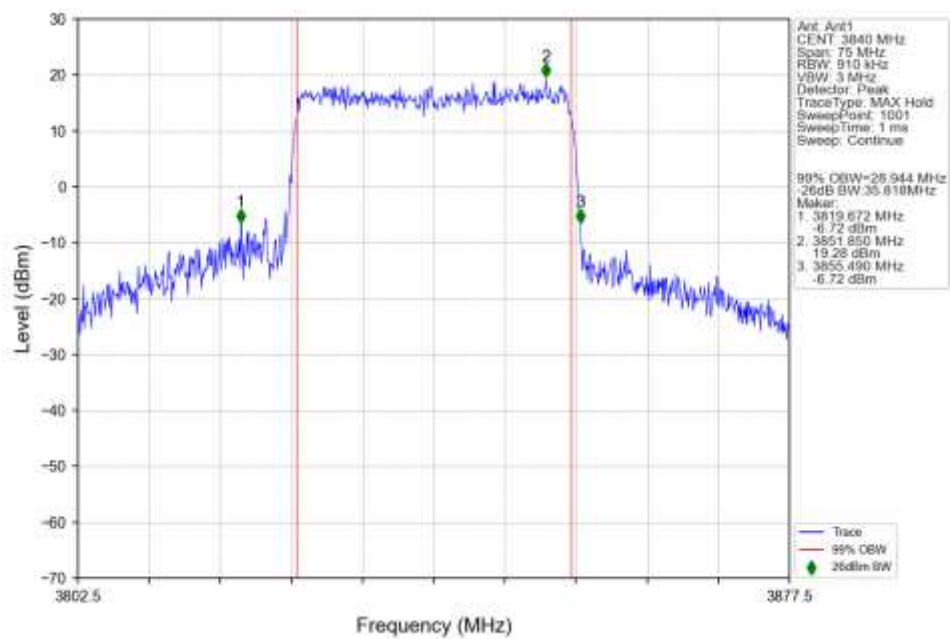
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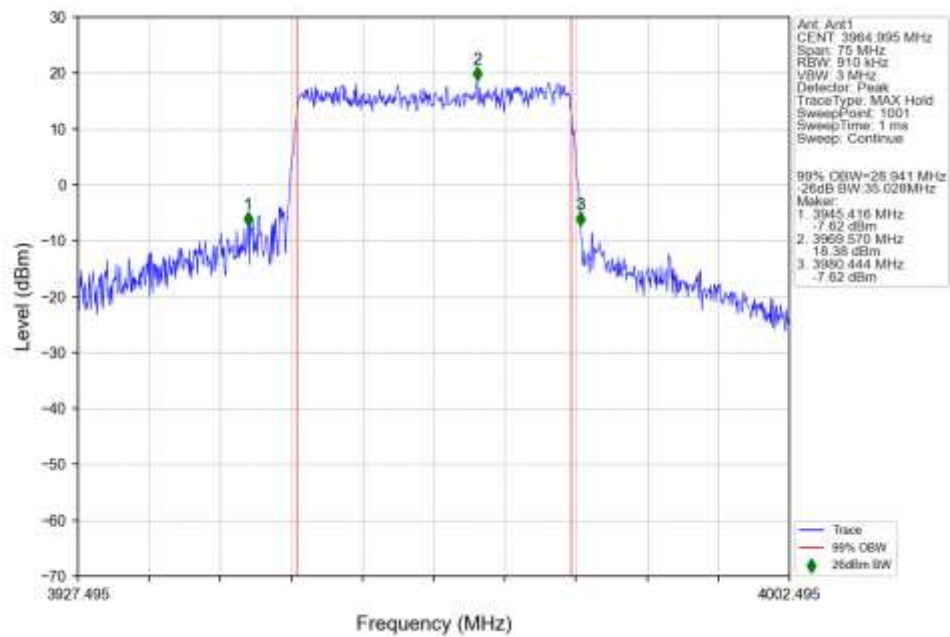
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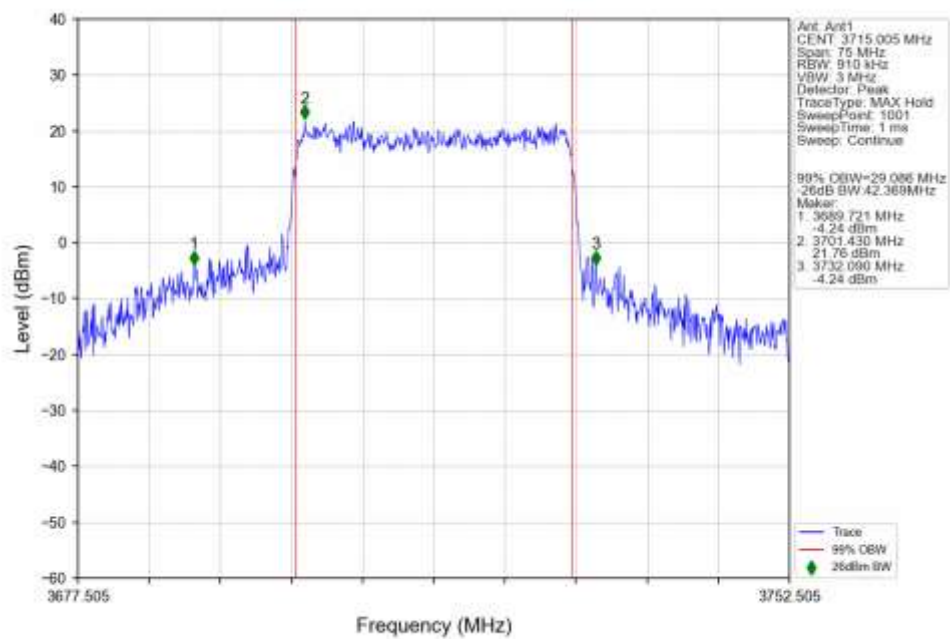
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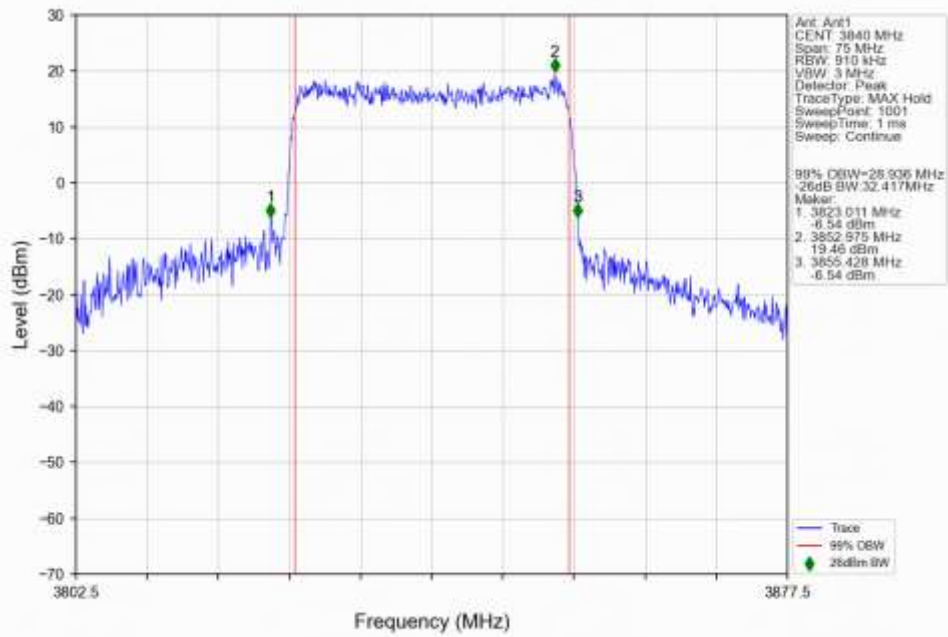
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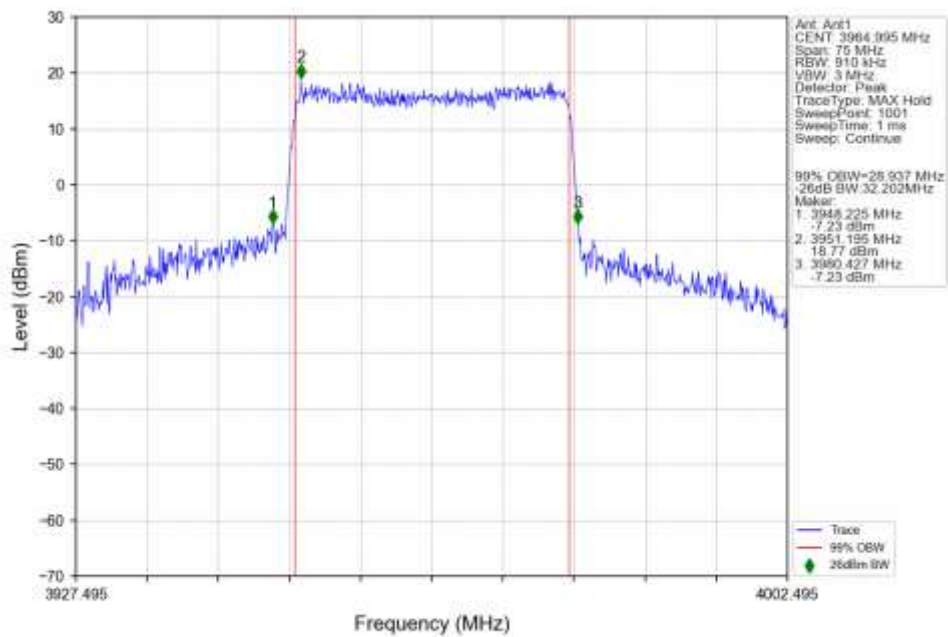
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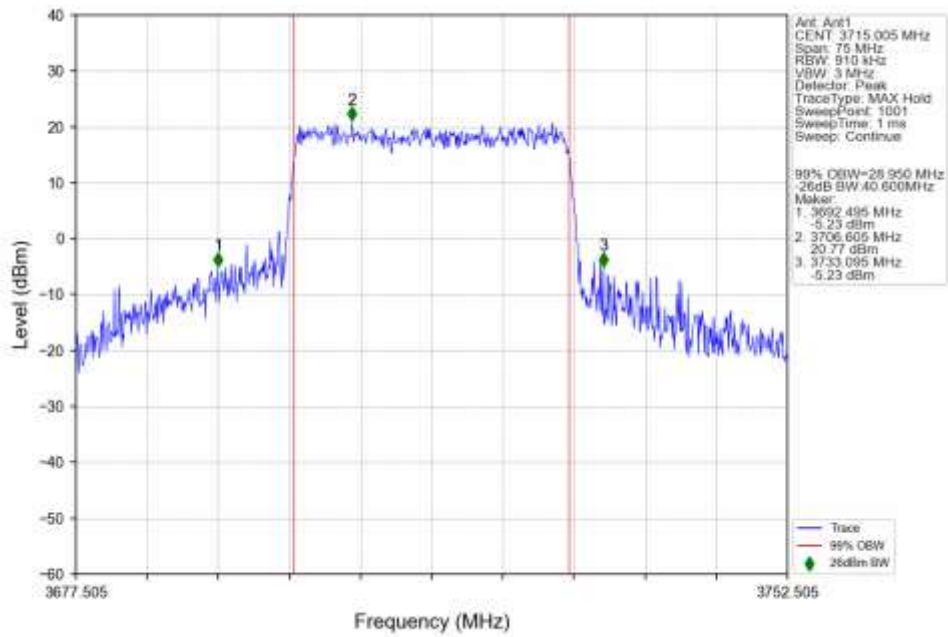
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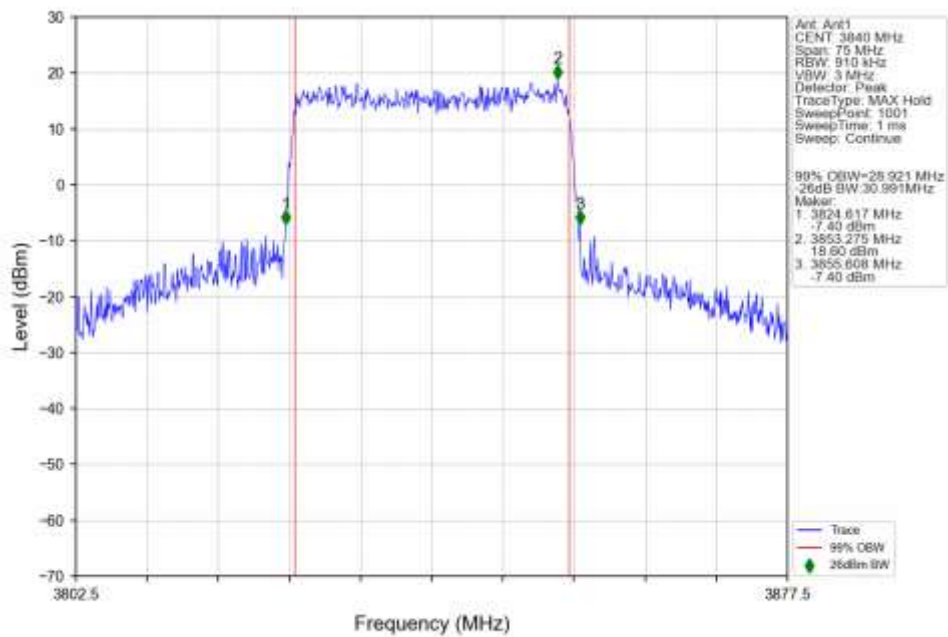
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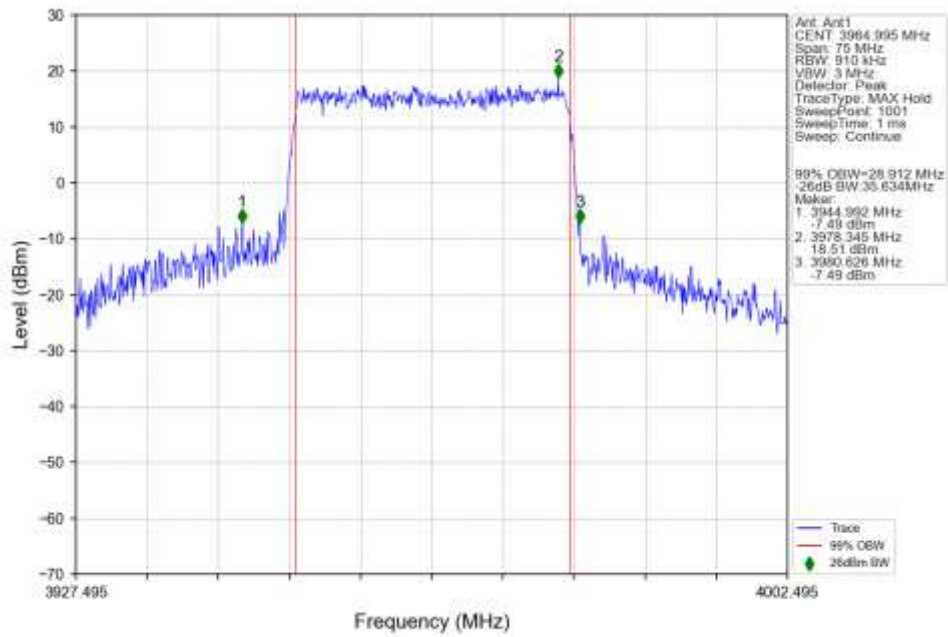
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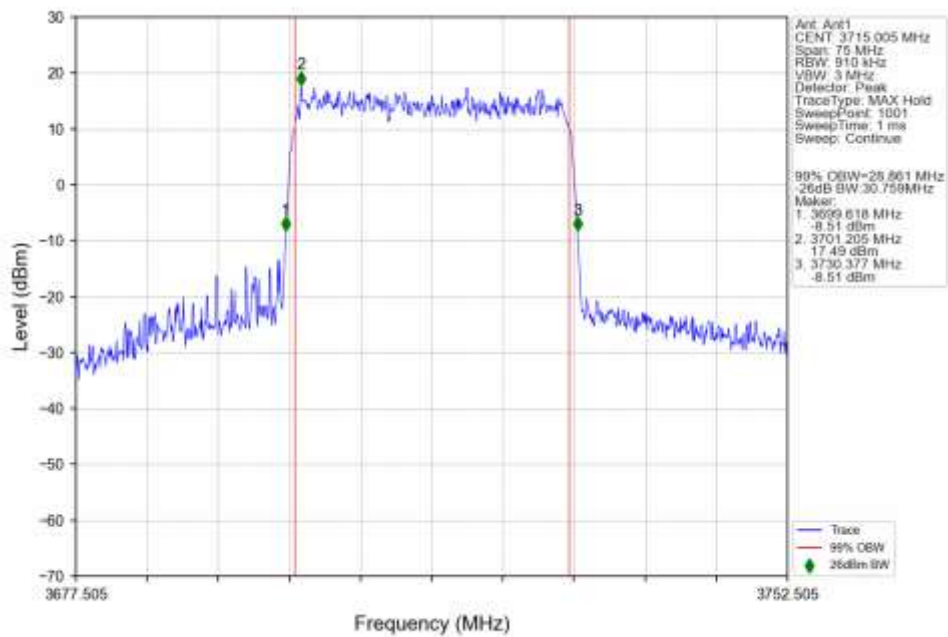
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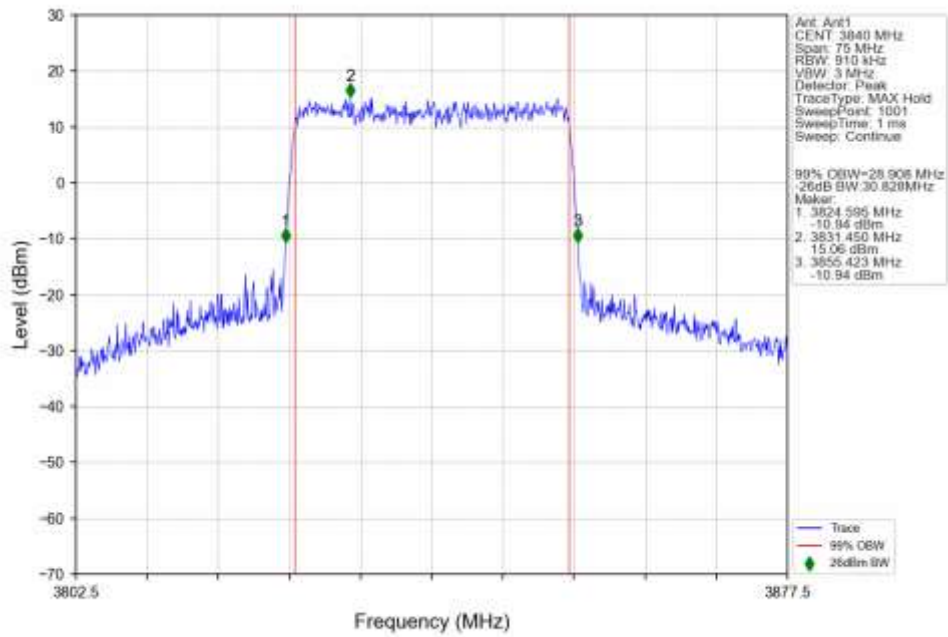
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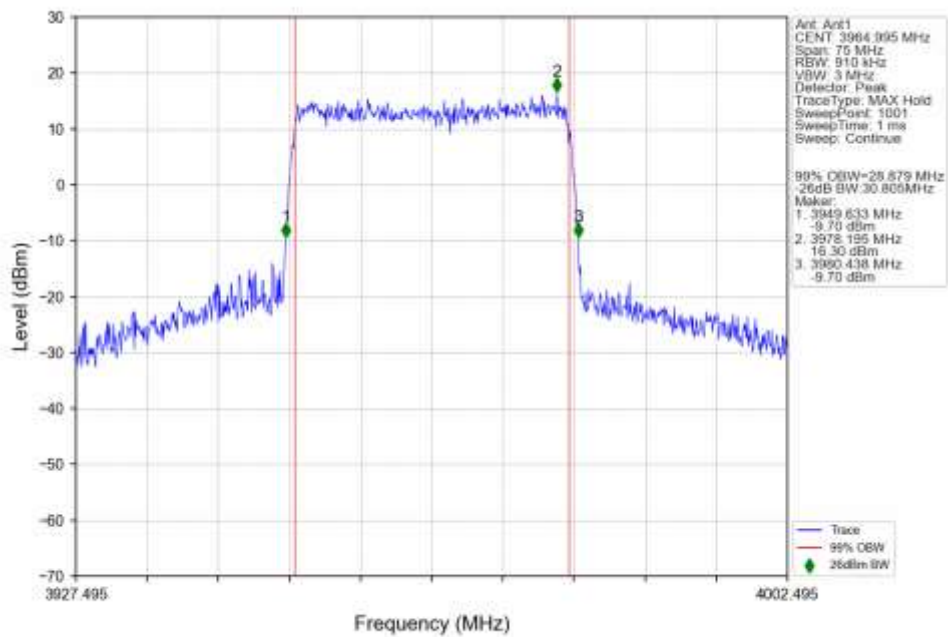
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n77a 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1

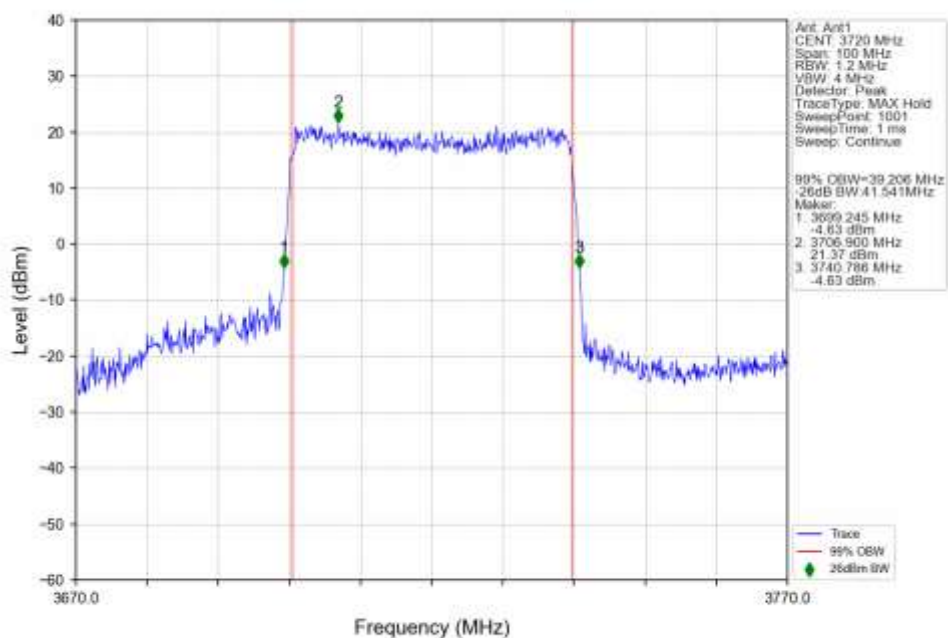


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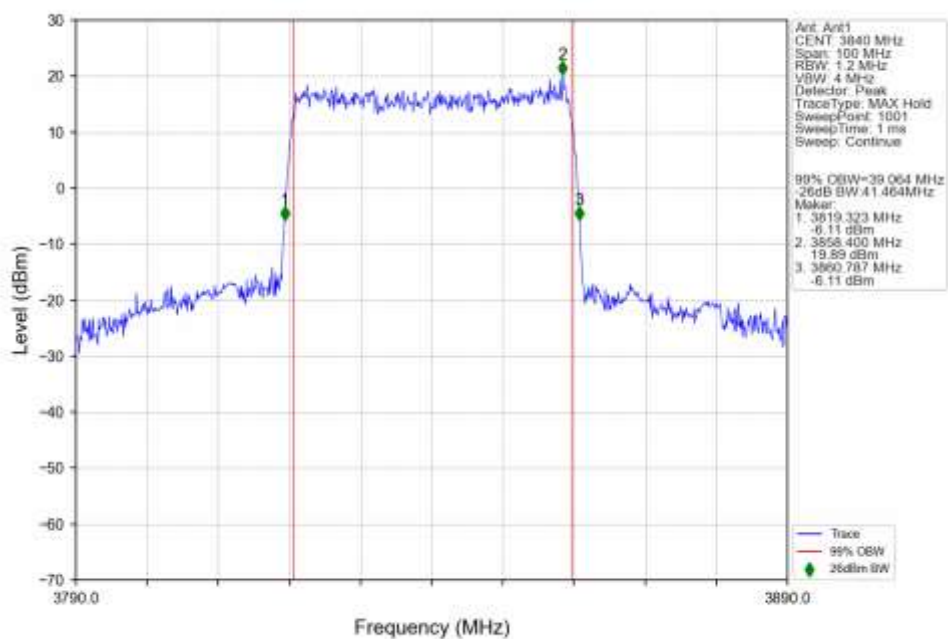


4.2.6 15k_SISO_40MHz_NTNV

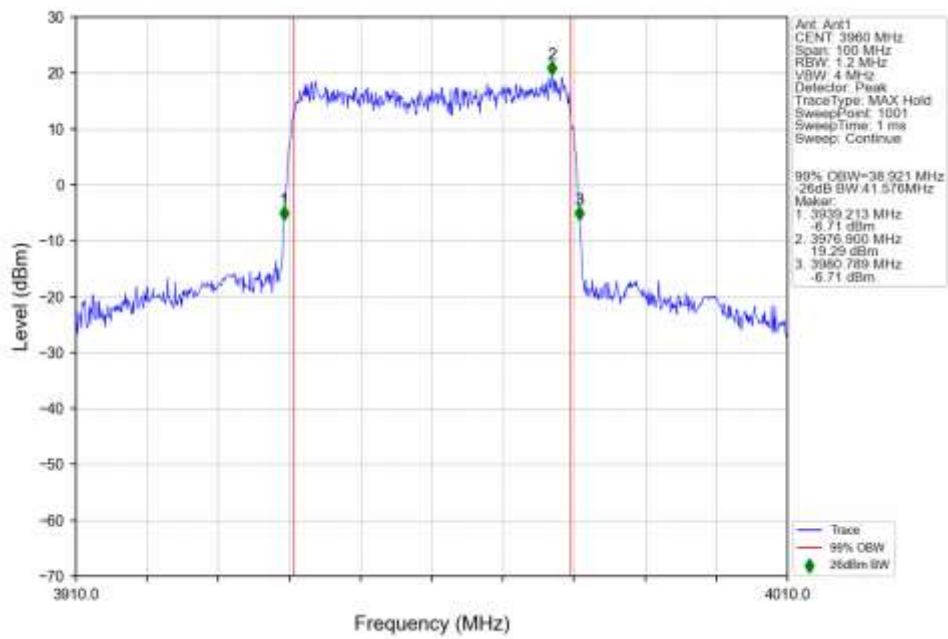
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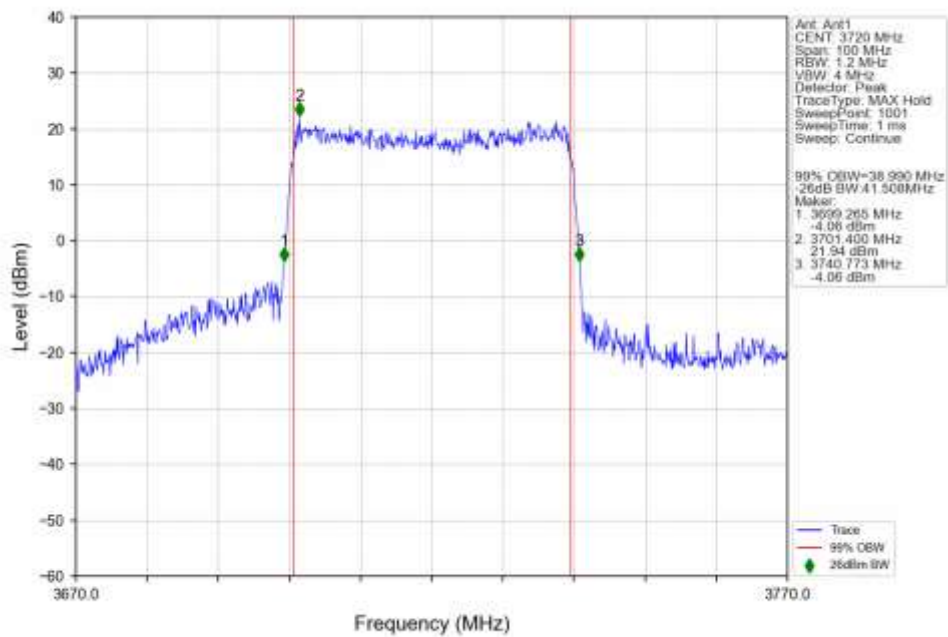
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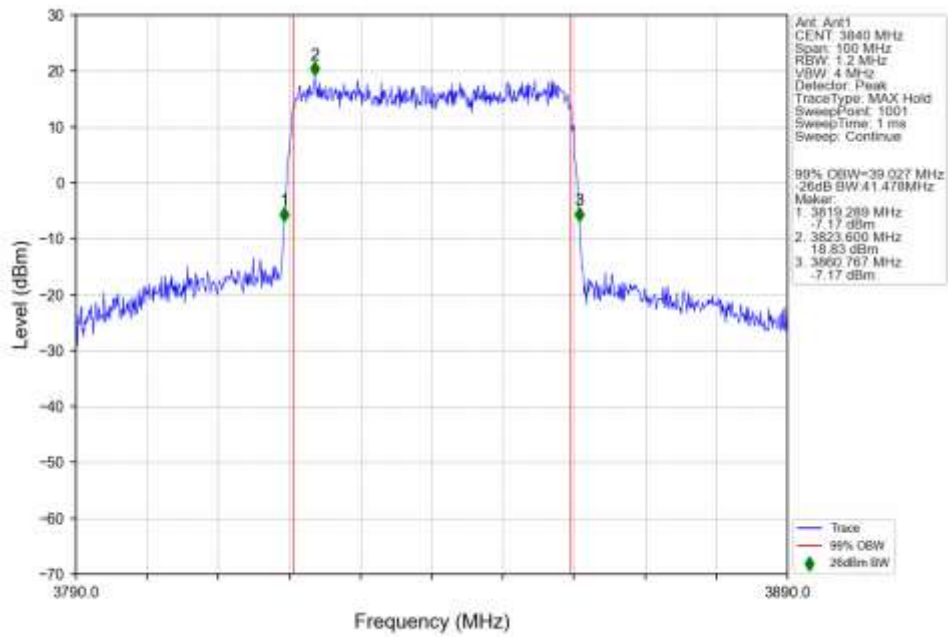
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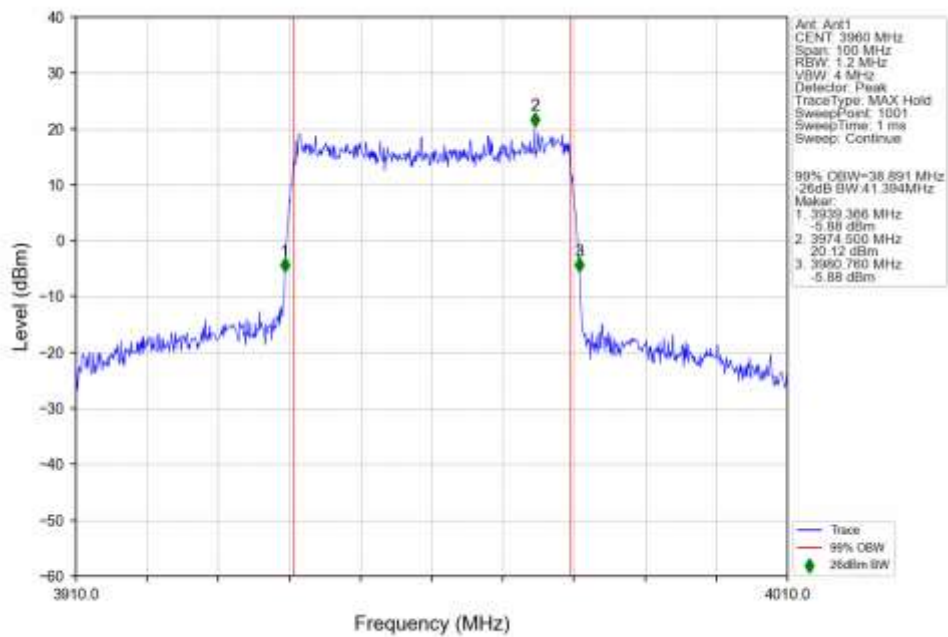
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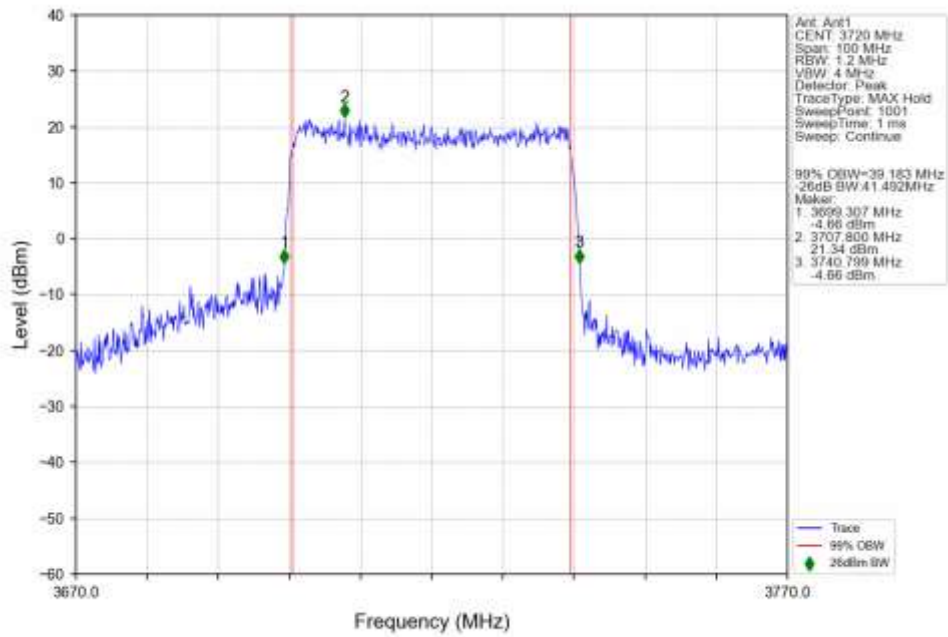
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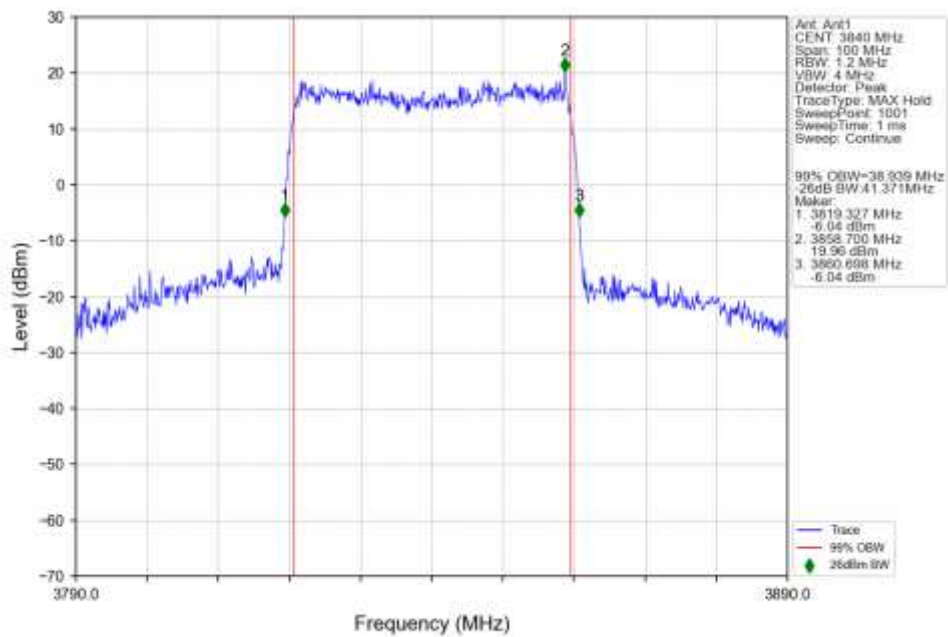
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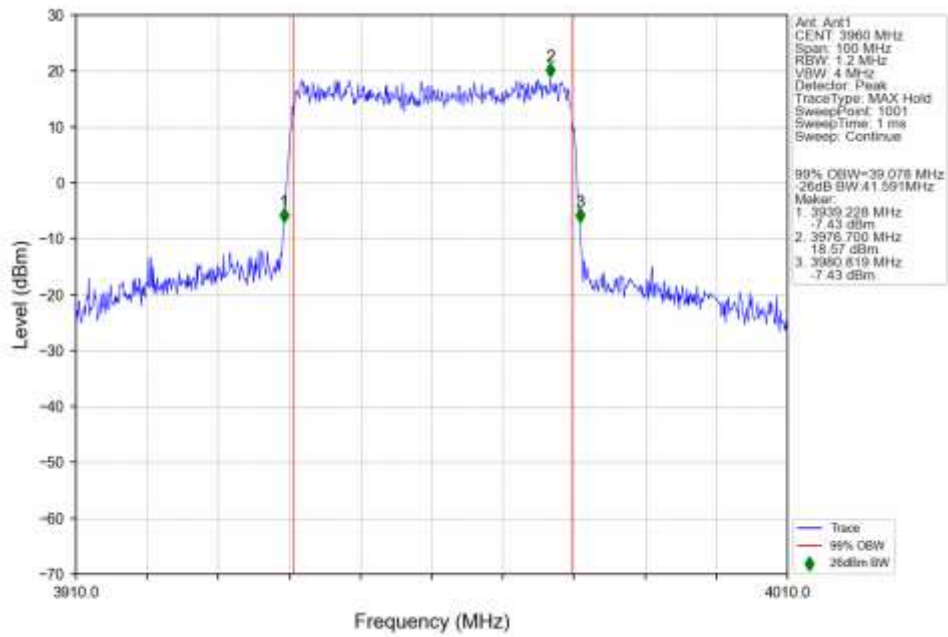
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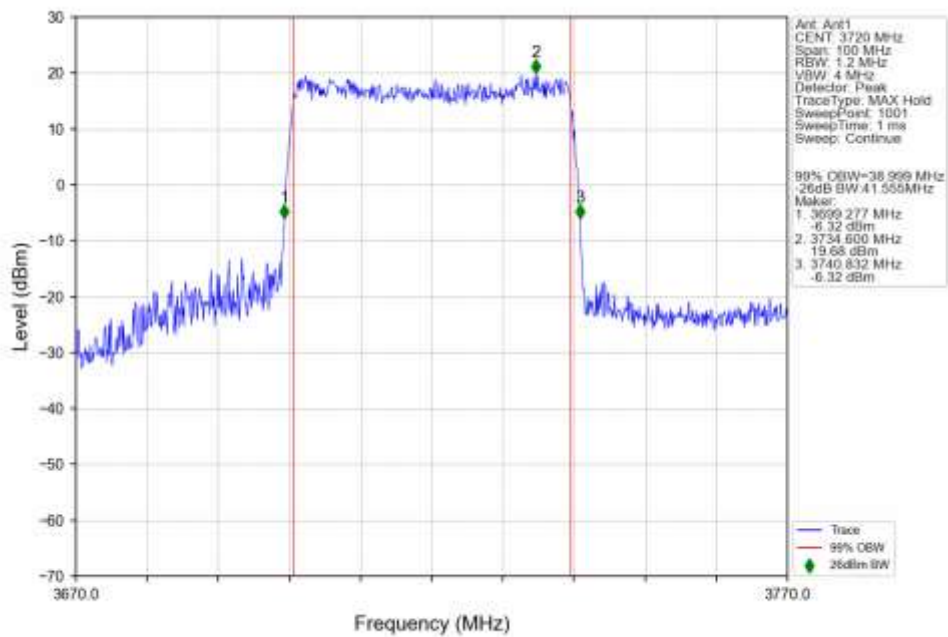
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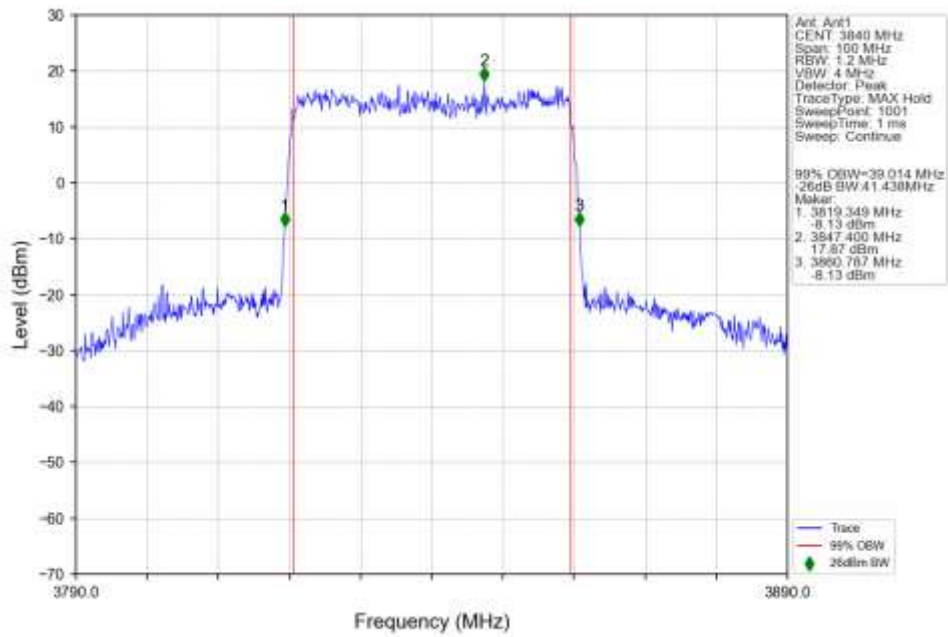
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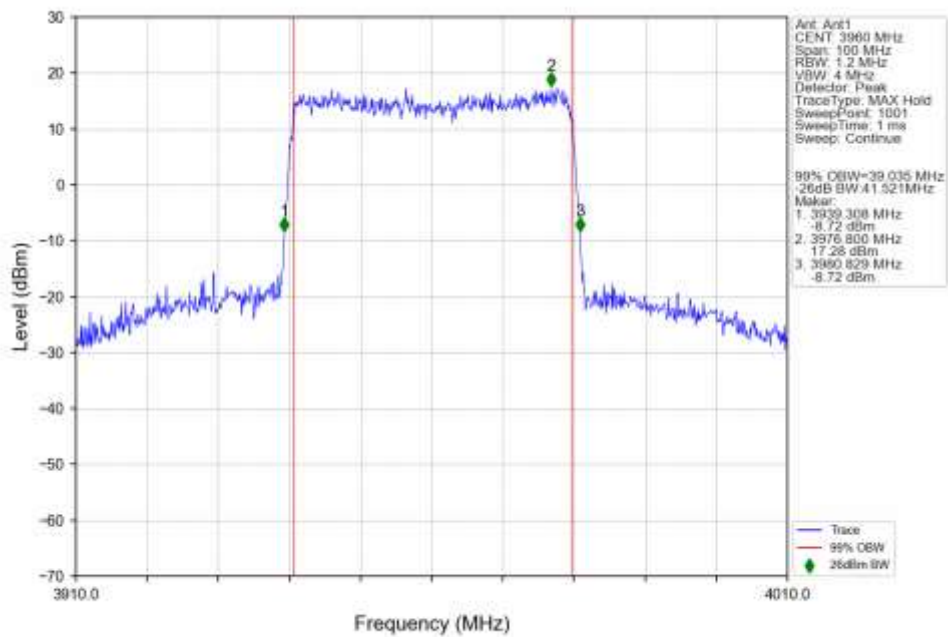
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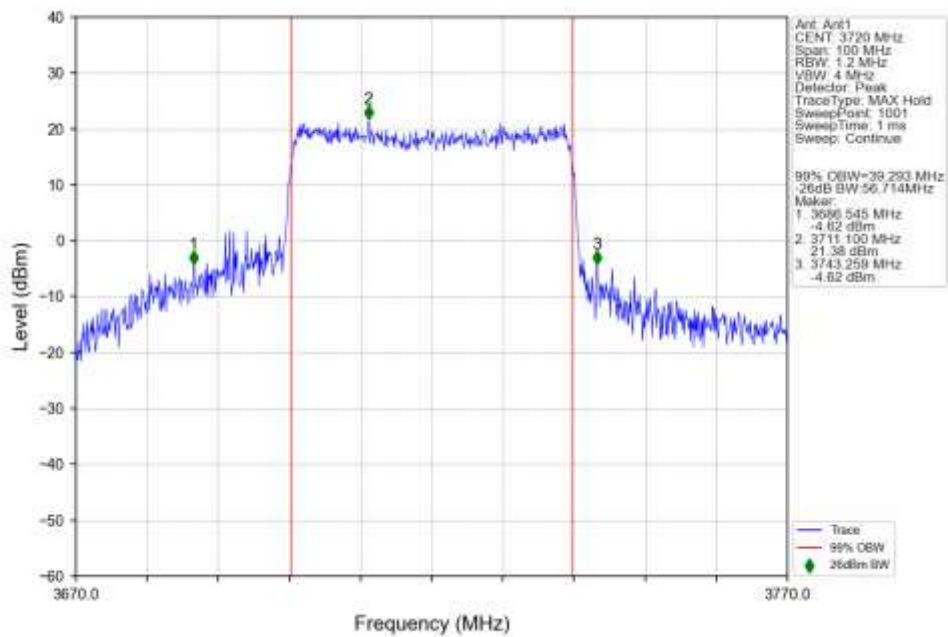
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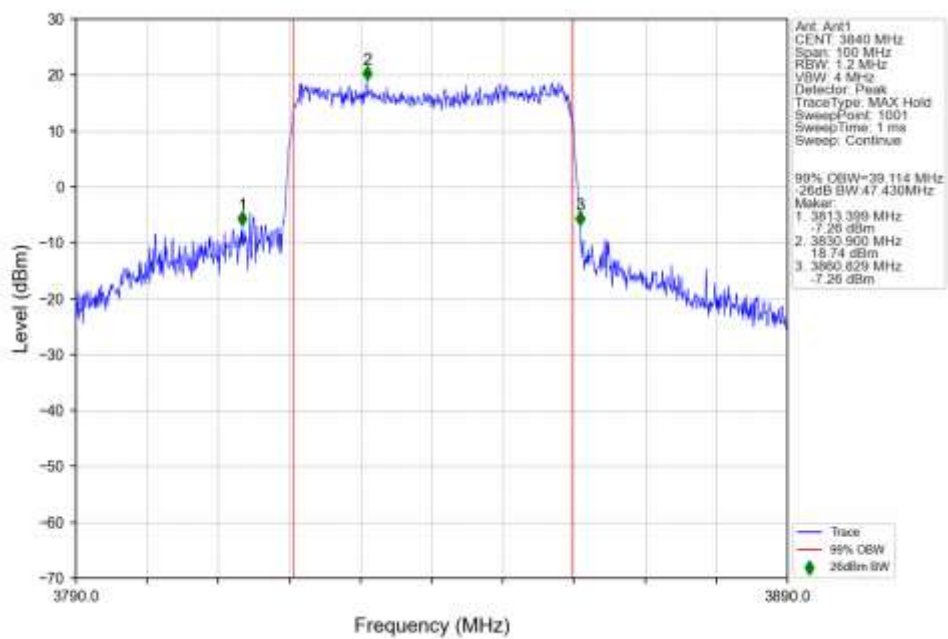
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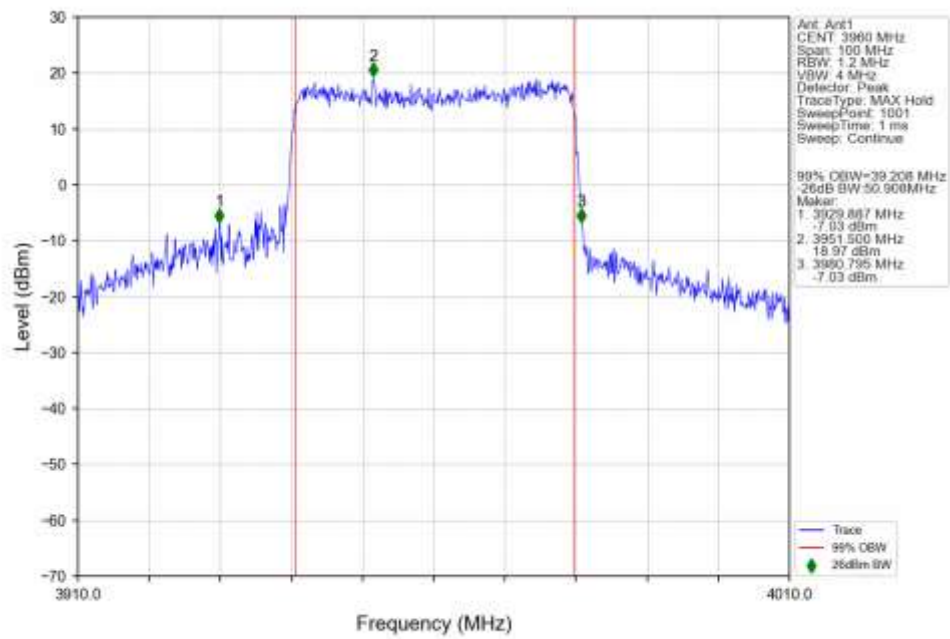
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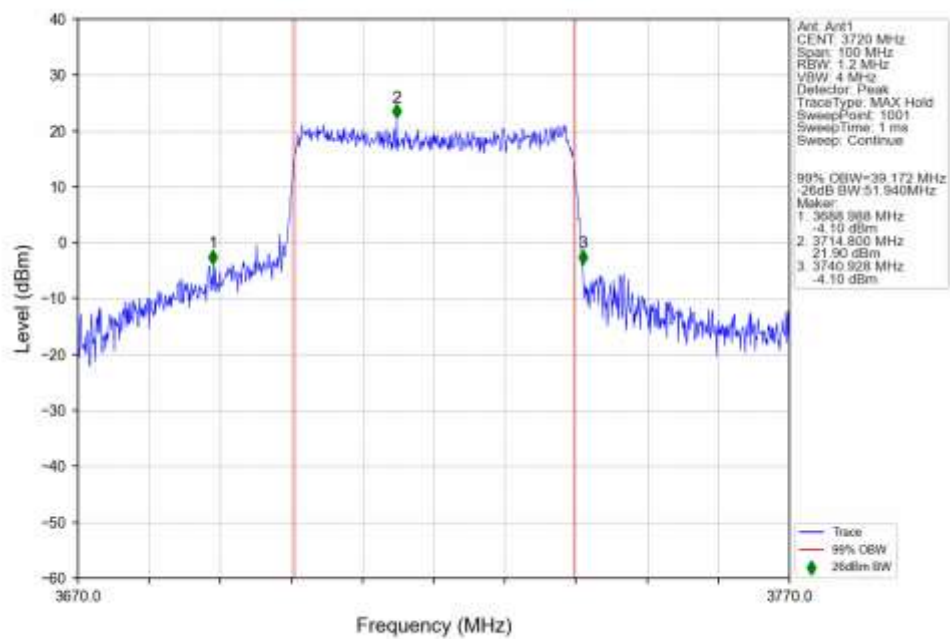
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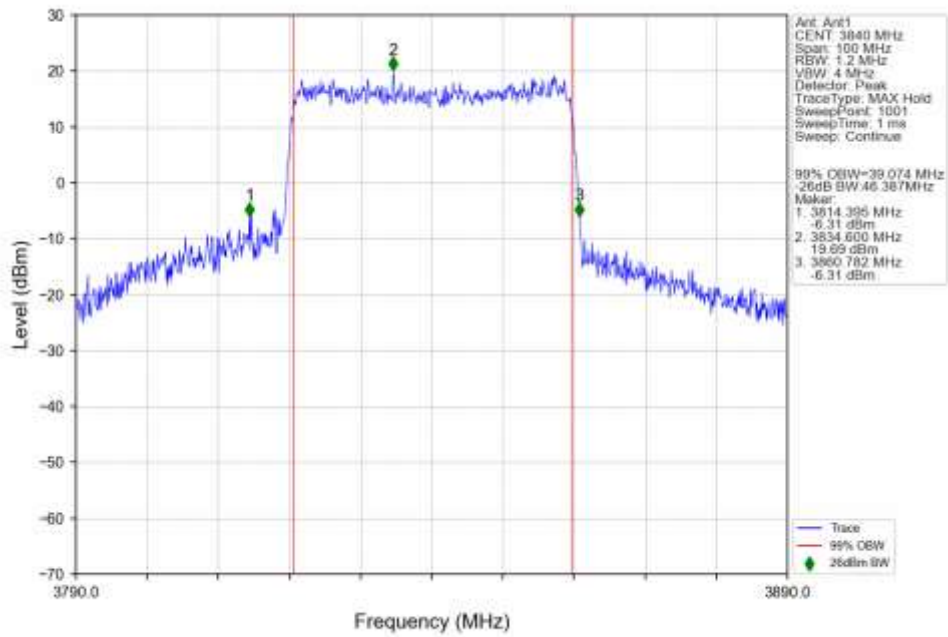
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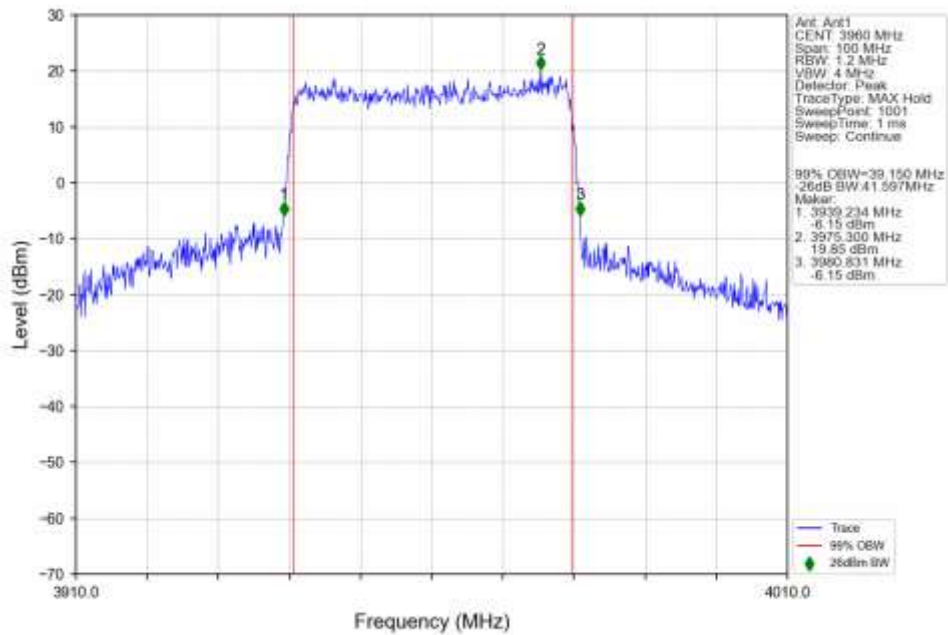
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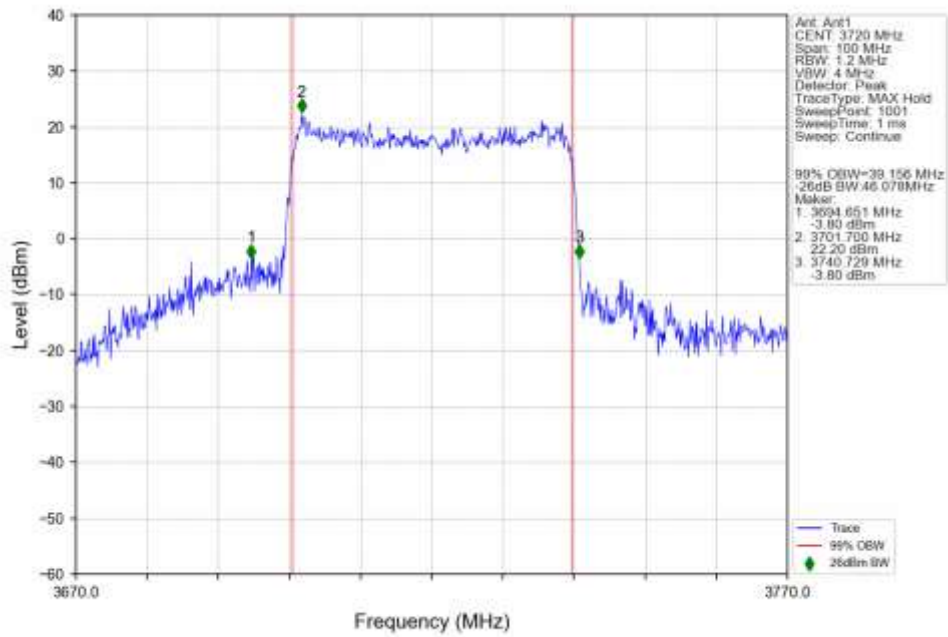
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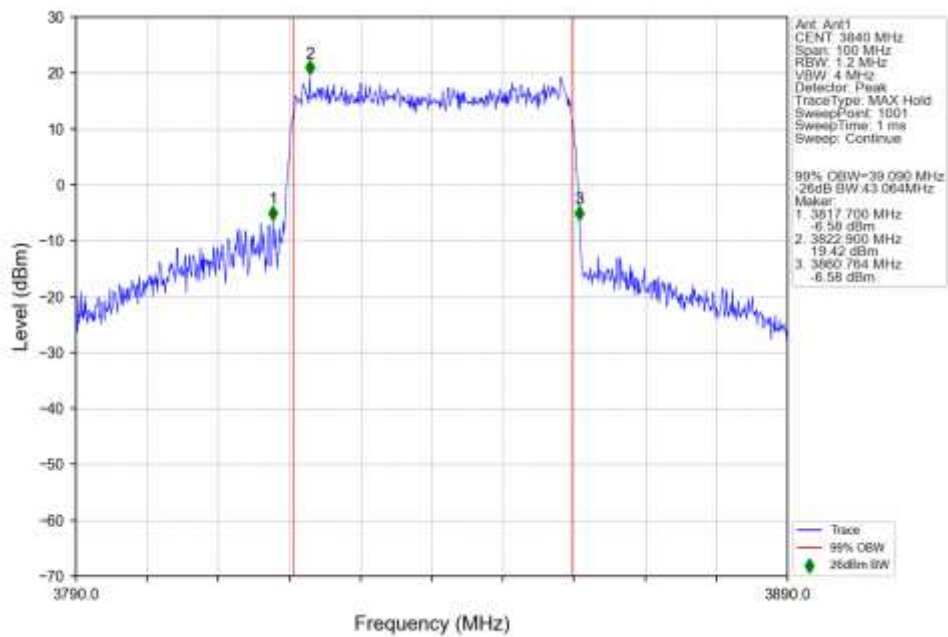
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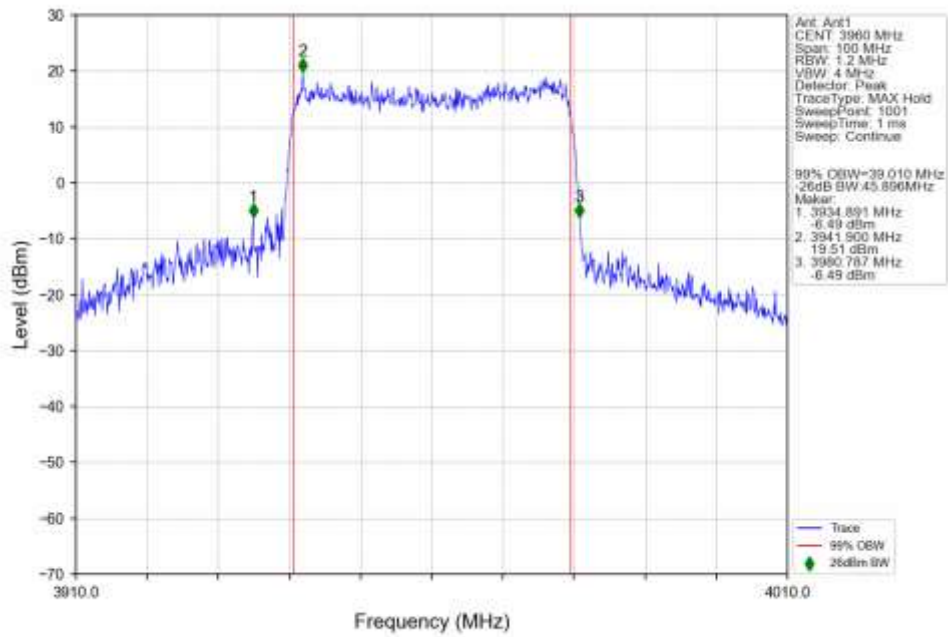
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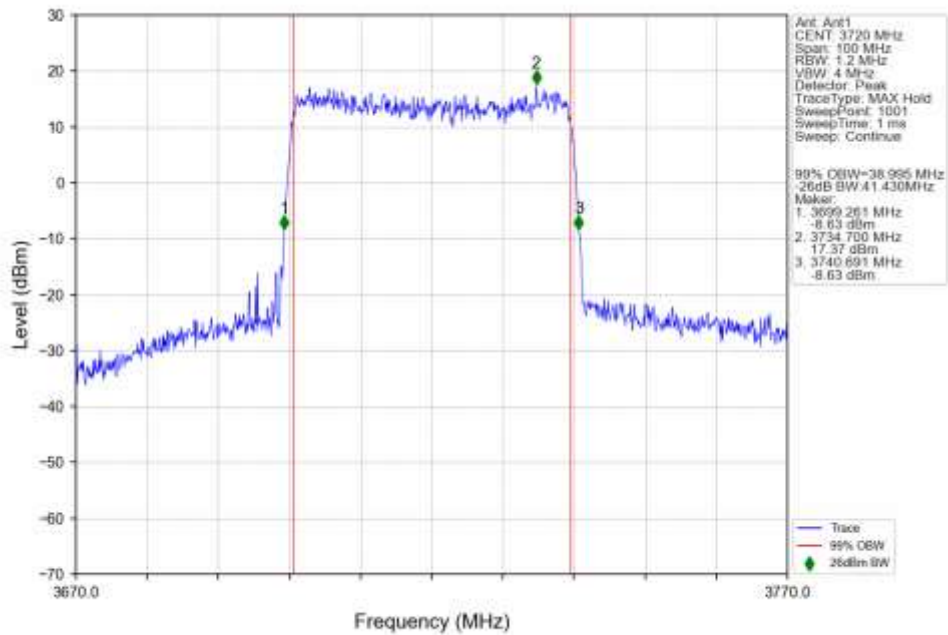
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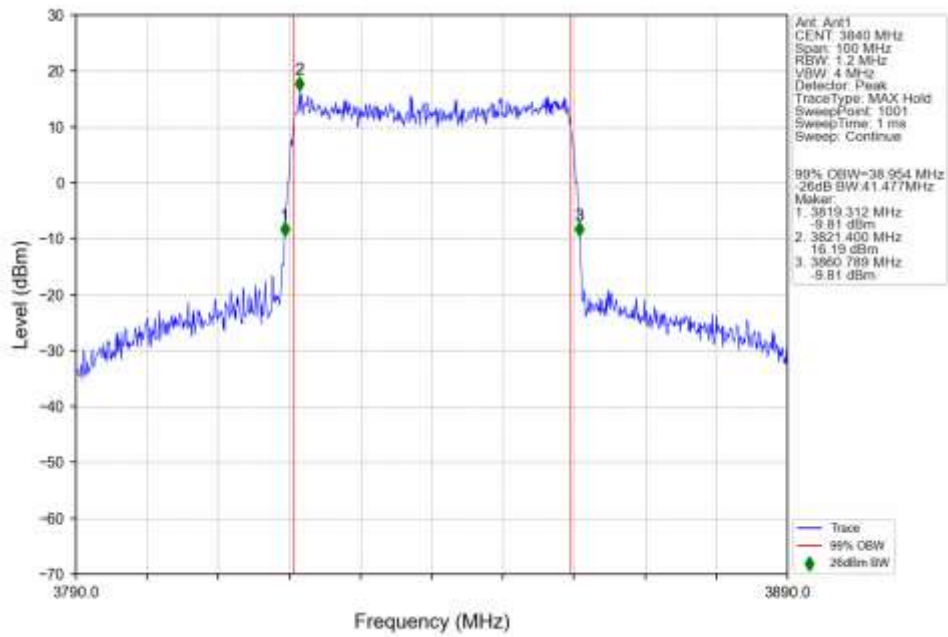
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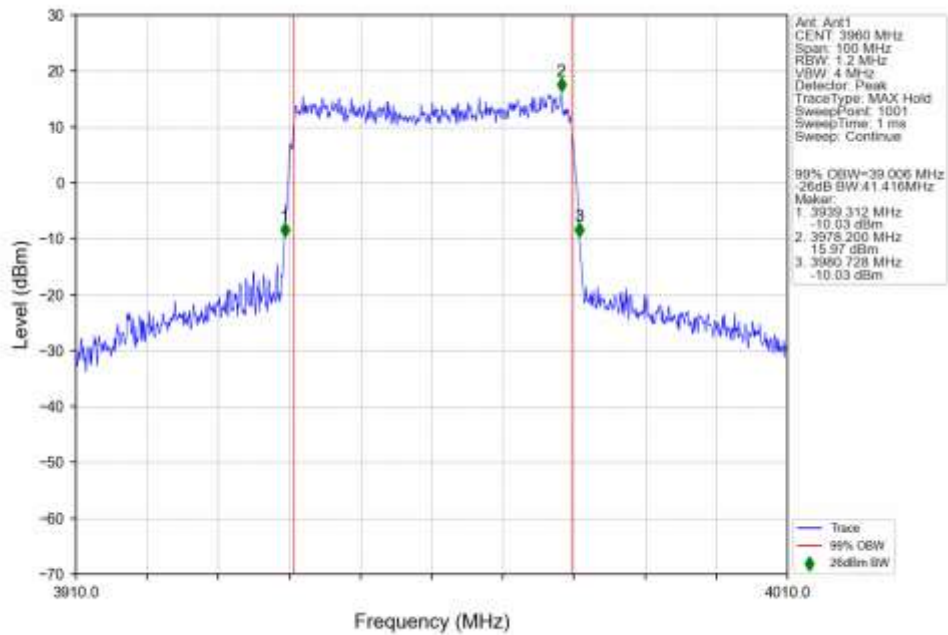
n77a 15kHz SISO NTV 40MHz CP-OFDM 256 QAM 3720MHz Outer Full Ant1



n77a 15kHz SISO NTN 40MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant1

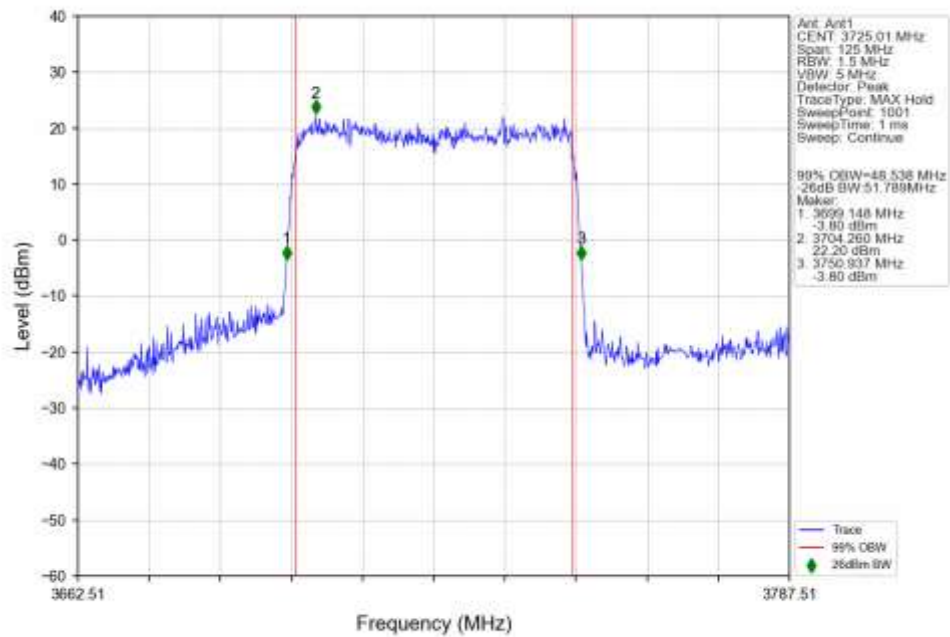


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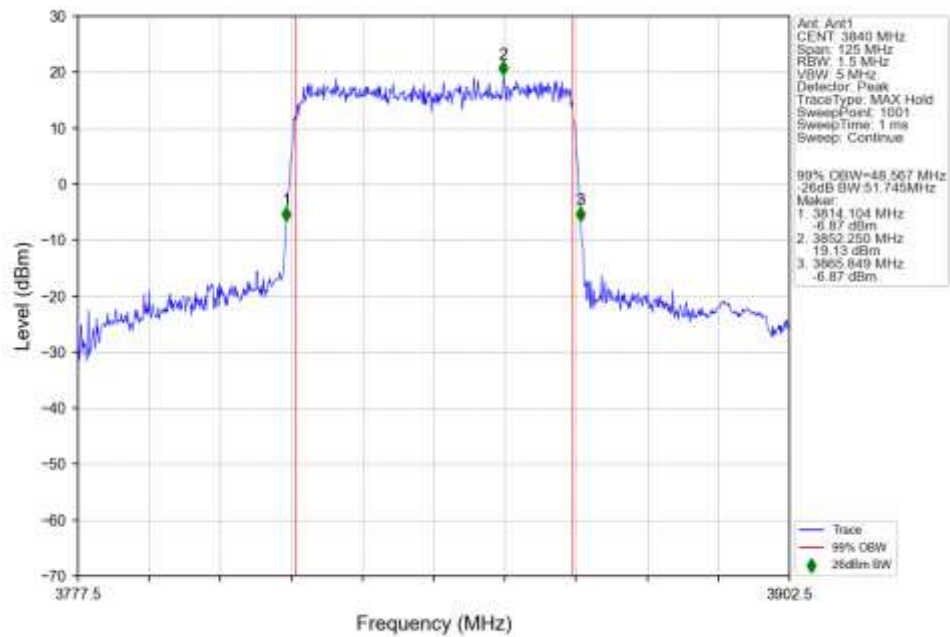


4.2.7 15k_SISO_50MHz_NTNV

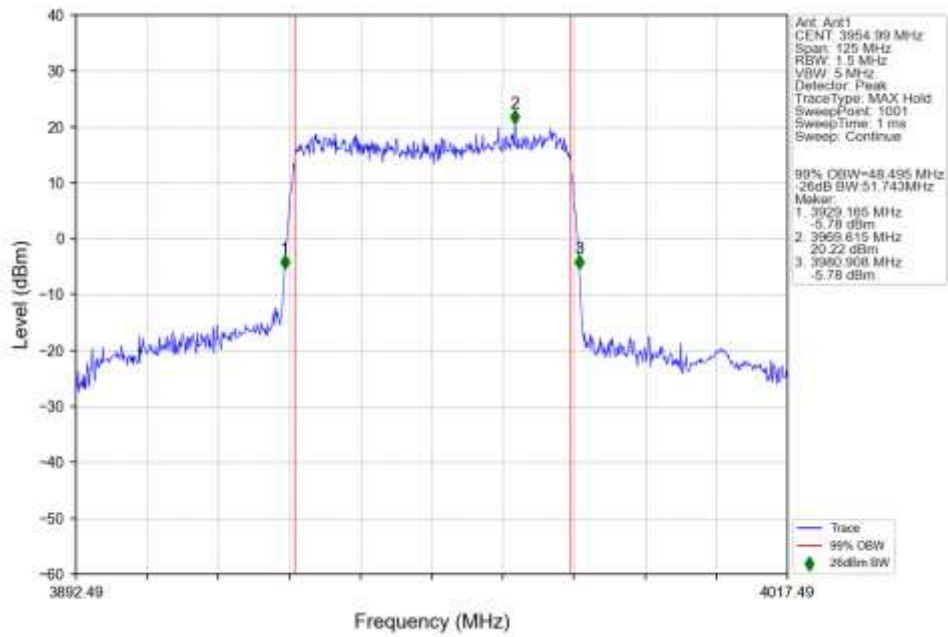
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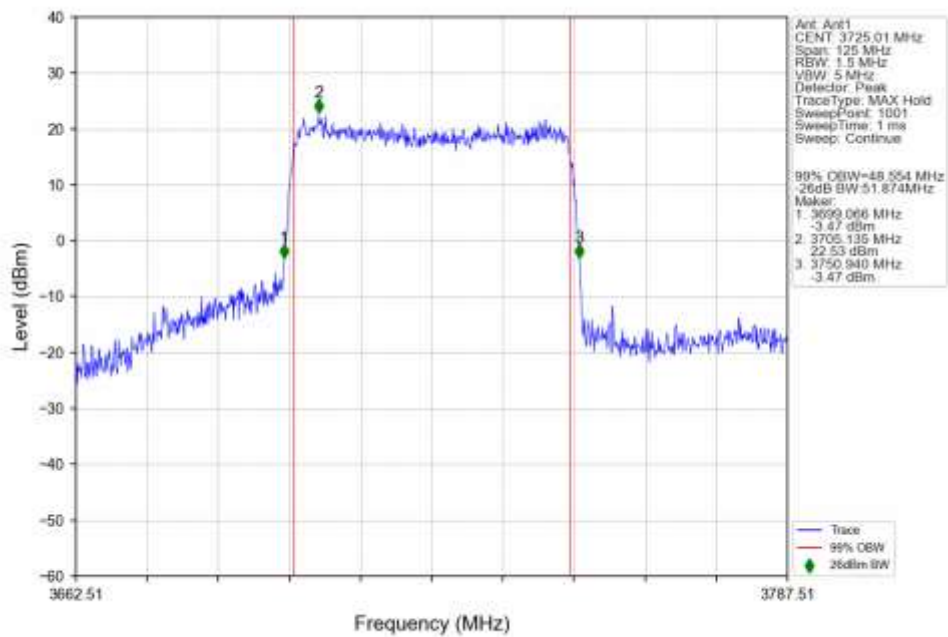
n77a_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3840MHz_Outer_Full_Ant1



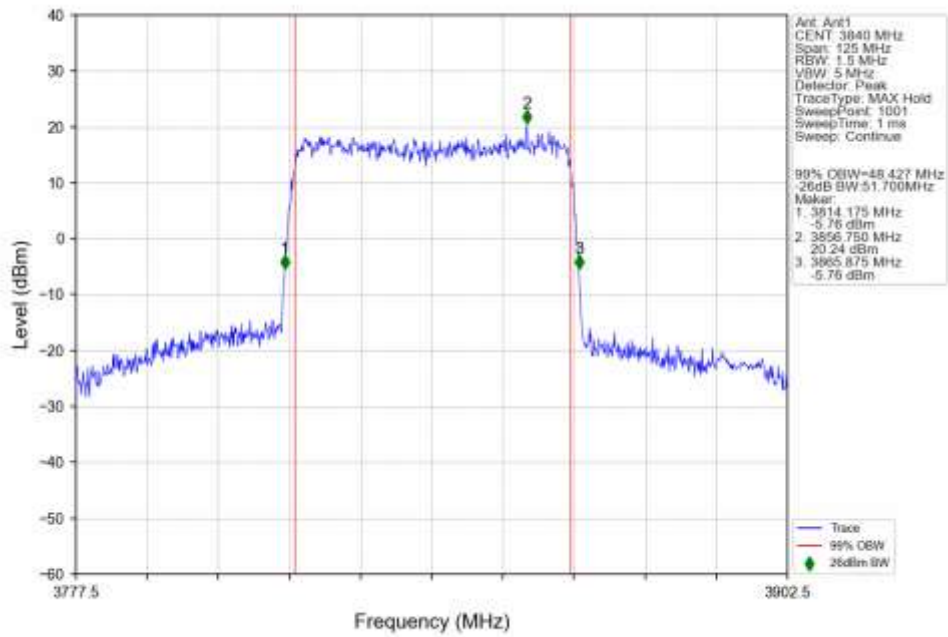
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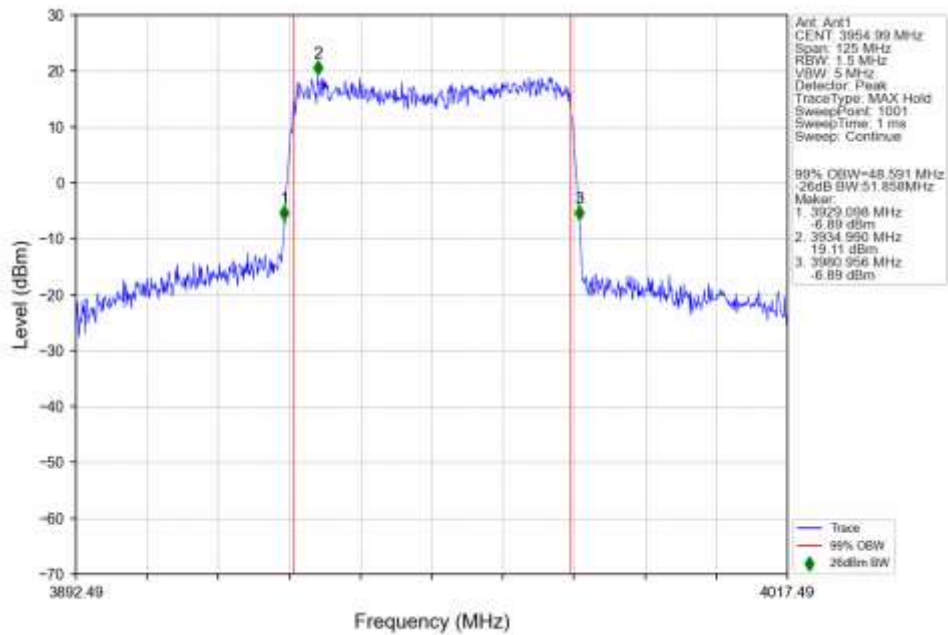
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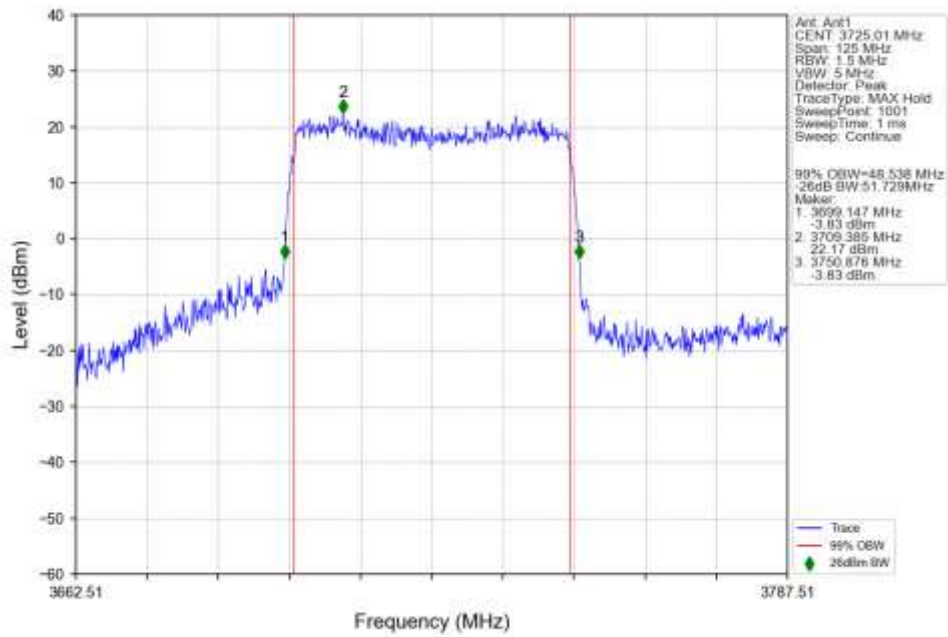
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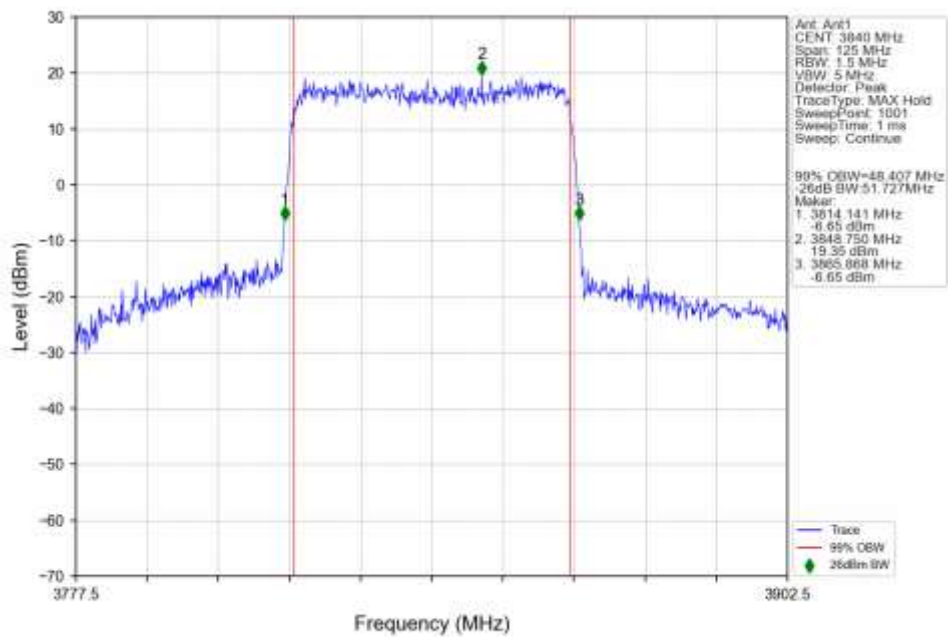
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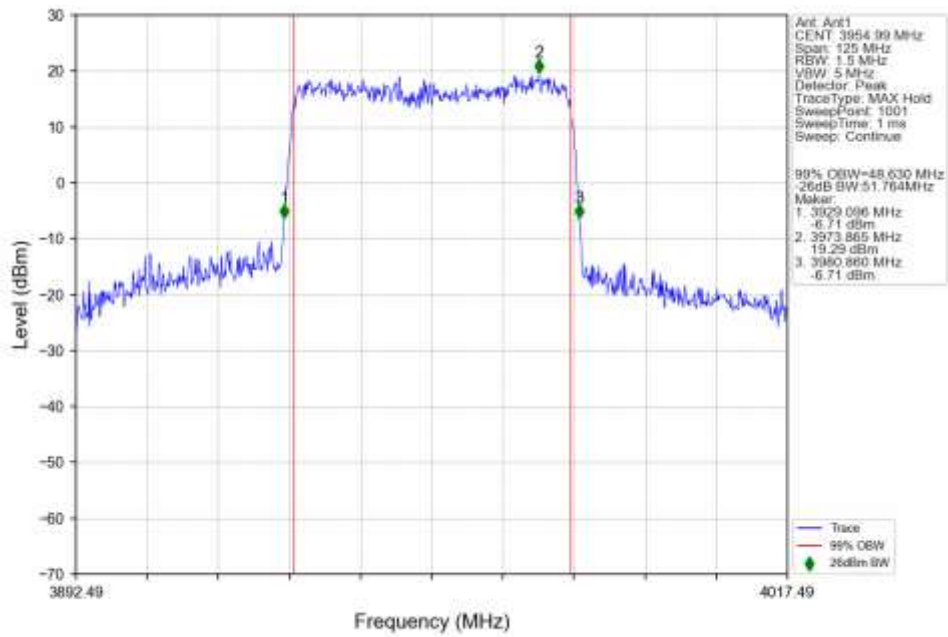
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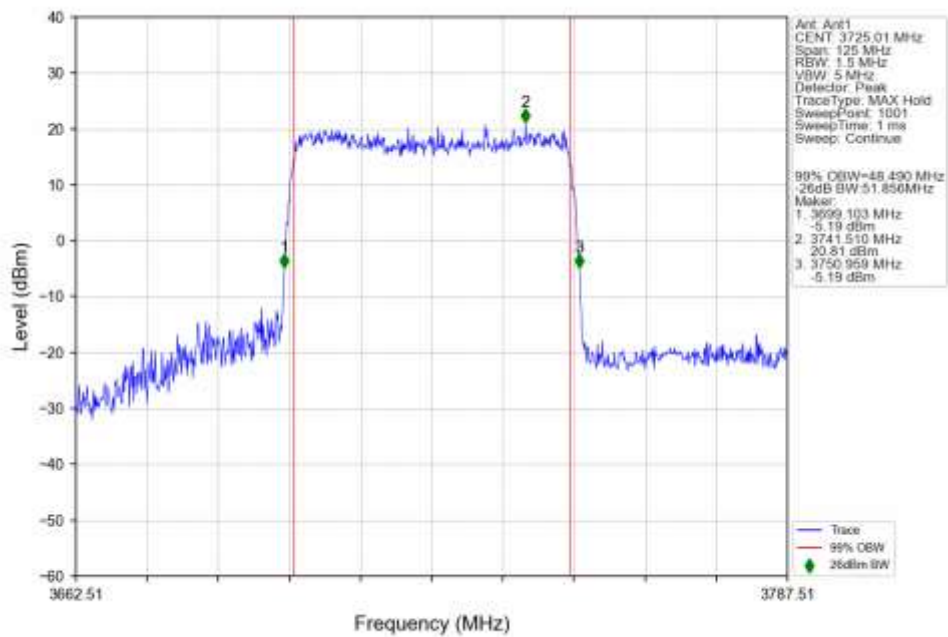
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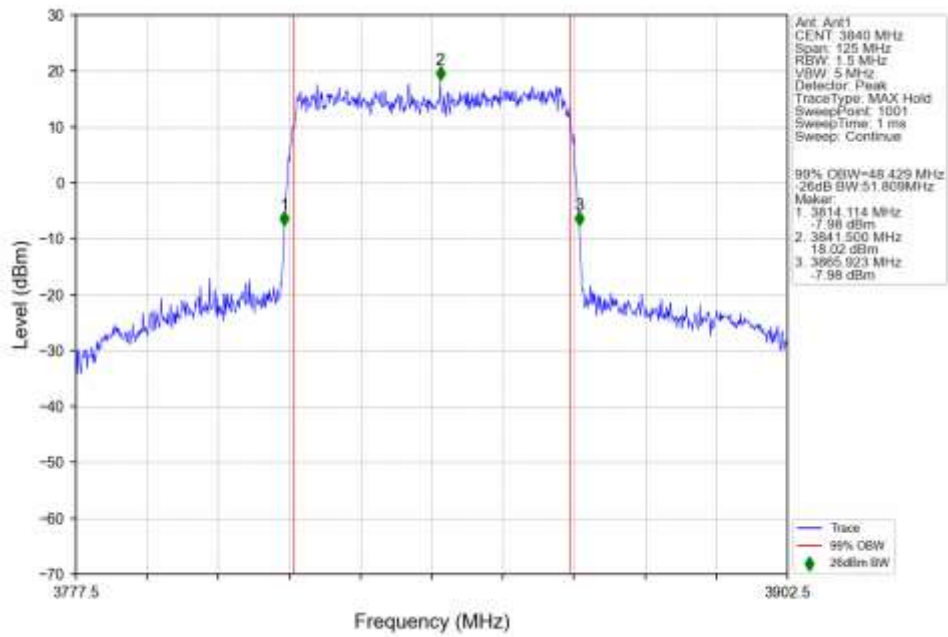
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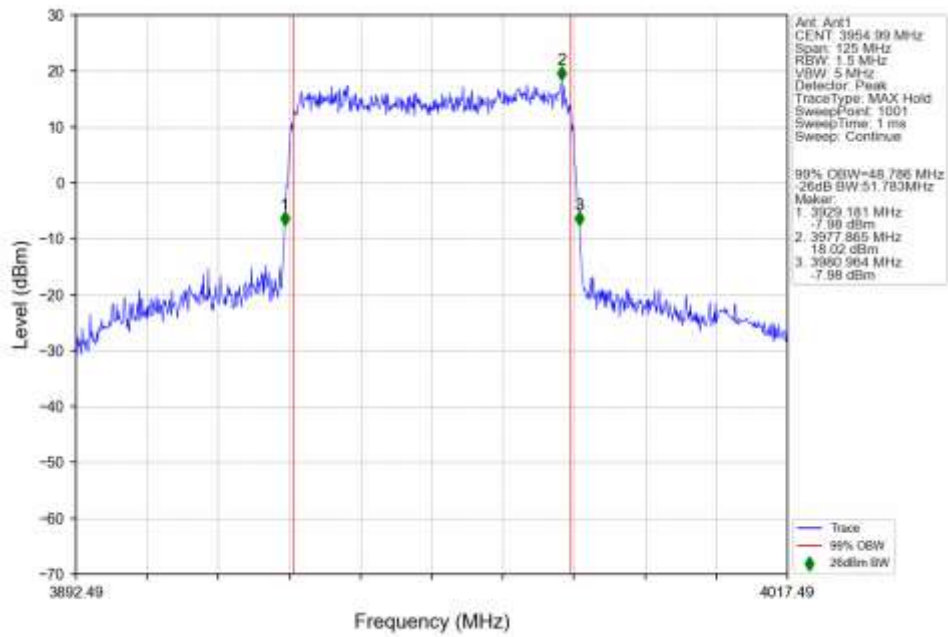
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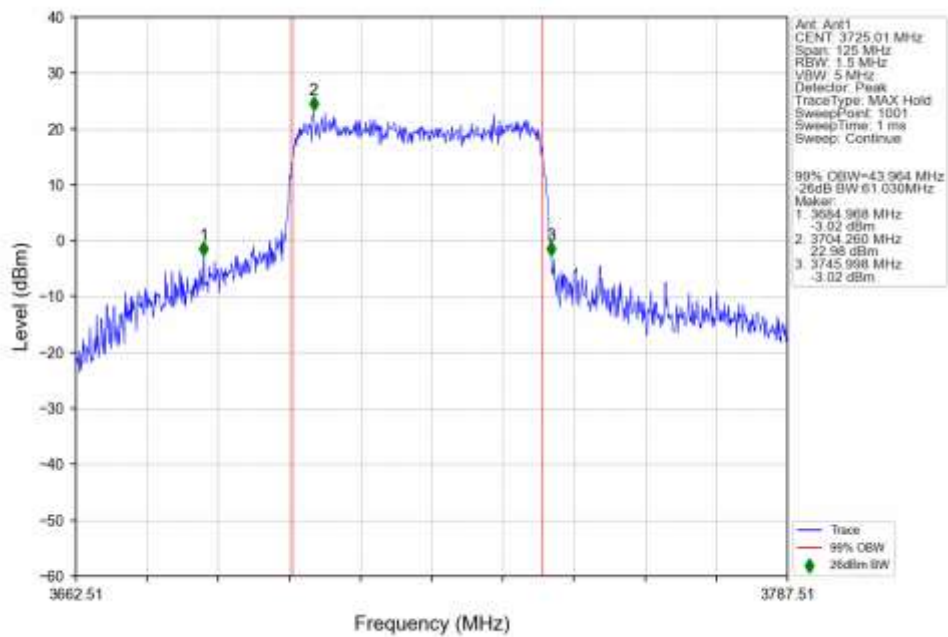
n77a 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



n77a 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3954.99MHz Outer Full Ant1



n77a 15kHz SISO NTN 50MHz CP-OFDM QPSK 3725.01MHz Outer Full Ant1



n77a 15kHz SISO NTN 50MHz CP-OFDM QPSK 3840MHz Outer Full Ant1

