

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n77d 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 PI/2 BPSK	3455.01	Edge_1RB_Left	21.71	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	24.56	/	/	<=30	Pass
		Outer_Full	24.67	/	/	27.57	/	/	<=30	Pass
		Inner_Full	25.27	/	/	28.17	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	28.18	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	28.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.39	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	24.99	/	/	<=30	Pass
		Outer_Full	24.89	/	/	27.79	/	/	<=30	Pass
		Inner_Full	25.59	/	/	28.49	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	27.90	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	28.66	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.16	/	/	25.06	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	25.12	/	/	<=30	Pass
		Outer_Full	25.19	/	/	28.09	/	/	<=30	Pass
		Inner_Full	25.64	/	/	28.54	/	/	<=30	Pass
		Inner_1RB_Left	25.65	/	/	28.55	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	28.70	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	21.51	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	24.49	/	/	<=30	Pass
		Outer_Full	24.09	/	/	26.99	/	/	<=30	Pass
		Inner_Full	25.04	/	/	27.94	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	28.07	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	28.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.37	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer_Full	24.37	/	/	27.27	/	/	<=30	Pass
		Inner_Full	25.56	/	/	28.46	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	27.87	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	28.59	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.10	/	/	25.00	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	25.18	/	/	<=30	Pass
		Outer_Full	24.62	/	/	27.52	/	/	<=30	Pass
		Inner_Full	25.57	/	/	28.47	/	/	<=30	Pass
		Inner_1RB_Left	25.57	/	/	28.47	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	28.69	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge_1RB_Left	21.60	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	24.59	/	/	<=30	Pass
		Outer_Full	23.08	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.13	/	/	27.03	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	27.12	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	27.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.33	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.13	/	/	<=30	Pass
		Outer_Full	23.39	/	/	26.29	/	/	<=30	Pass
		Inner_Full	24.46	/	/	27.36	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	26.78	/	/	<=30	Pass

	3544.98	Inner 1RB Right	24.67	/	/	27.57	/	/	<=30	Pass
		Edge 1RB Left	21.95	/	/	24.85	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	25.06	/	/	<=30	Pass
		Outer Full	23.58	/	/	26.48	/	/	<=30	Pass
		Inner Full	24.52	/	/	27.42	/	/	<=30	Pass
		Inner 1RB Left	24.63	/	/	27.53	/	/	<=30	Pass
		Inner 1RB Right	24.80	/	/	27.70	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge 1RB Left	21.57	/	/	24.47	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	24.48	/	/	<=30	Pass
		Outer Full	22.67	/	/	25.57	/	/	<=30	Pass
		Inner Full	22.66	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Left	22.50	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	25.52	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.29	/	/	24.19	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	24.93	/	/	<=30	Pass
		Outer Full	22.89	/	/	25.79	/	/	<=30	Pass
		Inner Full	23.05	/	/	25.95	/	/	<=30	Pass
		Inner 1RB Left	22.43	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Right	23.19	/	/	26.09	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.01	/	/	24.91	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	25.20	/	/	<=30	Pass
		Outer Full	23.10	/	/	26.00	/	/	<=30	Pass
		Inner Full	22.99	/	/	25.89	/	/	<=30	Pass
		Inner 1RB Left	23.09	/	/	25.99	/	/	<=30	Pass
		Inner 1RB Right	23.28	/	/	26.18	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge 1RB Left	20.58	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	20.67	/	/	23.57	/	/	<=30	Pass
		Outer Full	20.64	/	/	23.54	/	/	<=30	Pass
		Inner Full	20.60	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Left	20.47	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Right	20.76	/	/	23.66	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.45	/	/	23.35	/	/	<=30	Pass
		Edge 1RB Right	21.14	/	/	24.04	/	/	<=30	Pass
		Outer Full	20.88	/	/	23.78	/	/	<=30	Pass
		Inner Full	21.05	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	20.50	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Right	21.09	/	/	23.99	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.13	/	/	24.03	/	/	<=30	Pass
		Edge 1RB Right	21.33	/	/	24.23	/	/	<=30	Pass
		Outer Full	21.11	/	/	24.01	/	/	<=30	Pass
		Inner Full	21.08	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Left	21.07	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Right	21.26	/	/	24.16	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge 1RB Left	21.57	/	/	24.47	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	24.48	/	/	<=30	Pass
		Outer Full	22.14	/	/	25.04	/	/	<=30	Pass
		Inner Full	23.57	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	26.59	/	/	<=30	Pass
		Inner 1RB Right	23.64	/	/	26.54	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.41	/	/	24.31	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer Full	22.50	/	/	25.40	/	/	<=30	Pass
		Inner Full	24.00	/	/	26.90	/	/	<=30	Pass
		Inner 1RB Left	23.46	/	/	26.36	/	/	<=30	Pass
		Inner 1RB Right	24.25	/	/	27.15	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.92	/	/	24.82	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	25.09	/	/	<=30	Pass
		Outer Full	22.61	/	/	25.51	/	/	<=30	Pass
		Inner Full	24.04	/	/	26.94	/	/	<=30	Pass

		Inner 1RB Left	24.13	/	/	27.03	/	/	<=30	Pass	
		Inner 1RB Right	24.16	/	/	27.06	/	/	<=30	Pass	
CP-OFDM 16 QAM	3455.01	Edge 1RB Left	21.68	/	/	24.58	/	/	<=30	Pass	
		Edge 1RB Right	21.43	/	/	24.33	/	/	<=30	Pass	
		Outer_Full	22.20	/	/	25.10	/	/	<=30	Pass	
		Inner_Full	23.07	/	/	25.97	/	/	<=30	Pass	
		Inner 1RB Left	23.27	/	/	26.17	/	/	<=30	Pass	
		Inner 1RB Right	23.09	/	/	25.99	/	/	<=30	Pass	
		Edge 1RB Left	21.39	/	/	24.29	/	/	<=30	Pass	
		Edge 1RB Right	22.21	/	/	25.11	/	/	<=30	Pass	
	3500.01	Outer_Full	22.50	/	/	25.40	/	/	<=30	Pass	
		Inner_Full	23.48	/	/	26.38	/	/	<=30	Pass	
		Inner 1RB Left	22.88	/	/	25.78	/	/	<=30	Pass	
		Inner 1RB Right	23.76	/	/	26.66	/	/	<=30	Pass	
		Edge 1RB Left	21.99	/	/	24.89	/	/	<=30	Pass	
		Edge 1RB Right	22.16	/	/	25.06	/	/	<=30	Pass	
	3544.98	Outer_Full	22.71	/	/	25.61	/	/	<=30	Pass	
		Inner_Full	23.58	/	/	26.48	/	/	<=30	Pass	
		Inner 1RB Left	23.75	/	/	26.65	/	/	<=30	Pass	
		Inner 1RB Right	23.91	/	/	26.81	/	/	<=30	Pass	
Edge 1RB Left		21.46	/	/	24.36	/	/	<=30	Pass		
Edge 1RB Right		21.68	/	/	24.58	/	/	<=30	Pass		
CP-OFDM 64 QAM	3455.01	Outer_Full	21.59	/	/	24.49	/	/	<=30	Pass	
		Inner_Full	21.66	/	/	24.56	/	/	<=30	Pass	
		Inner 1RB Left	21.65	/	/	24.55	/	/	<=30	Pass	
		Inner 1RB Right	21.68	/	/	24.58	/	/	<=30	Pass	
		Edge 1RB Left	21.31	/	/	24.21	/	/	<=30	Pass	
		Edge 1RB Right	22.13	/	/	25.03	/	/	<=30	Pass	
	3500.01	Outer_Full	21.86	/	/	24.76	/	/	<=30	Pass	
		Inner_Full	22.04	/	/	24.94	/	/	<=30	Pass	
		Inner 1RB Left	21.36	/	/	24.26	/	/	<=30	Pass	
		Inner 1RB Right	22.06	/	/	24.96	/	/	<=30	Pass	
		Edge 1RB Left	21.98	/	/	24.88	/	/	<=30	Pass	
		Edge 1RB Right	22.15	/	/	25.05	/	/	<=30	Pass	
	3544.98	Outer_Full	22.07	/	/	24.97	/	/	<=30	Pass	
		Inner_Full	22.12	/	/	25.02	/	/	<=30	Pass	
		Inner 1RB Left	22.26	/	/	25.16	/	/	<=30	Pass	
		Inner 1RB Right	22.20	/	/	25.10	/	/	<=30	Pass	
		Edge 1RB Left	18.58	/	/	21.48	/	/	<=30	Pass	
		Edge 1RB Right	18.72	/	/	21.62	/	/	<=30	Pass	
CP-OFDM 256 QAM	3455.01	Outer_Full	18.70	/	/	21.60	/	/	<=30	Pass	
		Inner_Full	18.65	/	/	21.55	/	/	<=30	Pass	
		Inner 1RB Left	18.90	/	/	21.80	/	/	<=30	Pass	
		Inner 1RB Right	18.59	/	/	21.49	/	/	<=30	Pass	
		Edge 1RB Left	18.32	/	/	21.22	/	/	<=30	Pass	
		Edge 1RB Right	19.29	/	/	22.19	/	/	<=30	Pass	
	3500.01	Outer_Full	19.02	/	/	21.92	/	/	<=30	Pass	
		Inner_Full	19.02	/	/	21.92	/	/	<=30	Pass	
		Inner 1RB Left	18.58	/	/	21.48	/	/	<=30	Pass	
		Inner 1RB Right	19.23	/	/	22.13	/	/	<=30	Pass	
		Edge 1RB Left	19.29	/	/	22.19	/	/	<=30	Pass	
		Edge 1RB Right	19.42	/	/	22.32	/	/	<=30	Pass	
	3544.98	Outer_Full	19.15	/	/	22.05	/	/	<=30	Pass	
		Inner_Full	19.05	/	/	21.95	/	/	<=30	Pass	
		Inner 1RB Left	19.00	/	/	21.90	/	/	<=30	Pass	
		Inner 1RB Right	19.33	/	/	22.23	/	/	<=30	Pass	
		Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.2 30k_SISO_20MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	21.73	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	24.26	/	/	<=30	Pass
		Outer_Full	24.78	/	/	27.68	/	/	<=30	Pass
		Inner_Full	25.26	/	/	28.16	/	/	<=30	Pass
		Inner_1RB_Left	25.34	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	27.90	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.07	/	/	23.97	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	24.88	/	/	27.78	/	/	<=30	Pass
		Inner_Full	25.42	/	/	28.32	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	27.64	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	28.64	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.90	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	25.03	/	/	<=30	Pass
		Outer_Full	24.97	/	/	27.87	/	/	<=30	Pass
		Inner_Full	25.51	/	/	28.41	/	/	<=30	Pass
		Inner_1RB_Left	25.52	/	/	28.42	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	28.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	21.66	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	24.23	/	/	<=30	Pass
		Outer_Full	24.12	/	/	27.02	/	/	<=30	Pass
		Inner_Full	25.16	/	/	28.06	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	28.13	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	27.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.02	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	24.92	/	/	<=30	Pass
		Outer_Full	24.40	/	/	27.30	/	/	<=30	Pass
		Inner_Full	25.41	/	/	28.31	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	27.63	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	28.59	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.93	/	/	24.83	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	24.86	/	/	<=30	Pass
		Outer_Full	24.51	/	/	27.41	/	/	<=30	Pass
		Inner_Full	25.44	/	/	28.34	/	/	<=30	Pass
		Inner_1RB_Left	25.50	/	/	28.40	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	28.50	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	21.73	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	24.12	/	/	<=30	Pass
		Outer_Full	23.09	/	/	25.99	/	/	<=30	Pass
		Inner_Full	24.15	/	/	27.05	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	27.01	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	26.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.90	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	25.14	/	/	<=30	Pass
		Outer_Full	23.29	/	/	26.19	/	/	<=30	Pass
		Inner_Full	24.39	/	/	27.29	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	27.65	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.94	/	/	24.84	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.07	/	/	<=30	Pass
		Outer_Full	23.47	/	/	26.37	/	/	<=30	Pass
		Inner_Full	24.41	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	27.23	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	27.42	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	21.76	/	/	24.66	/	/	<=30	Pass

		Edge_1RB_Right	21.35	/	/	24.25	/	/	<=30	Pass
		Outer_Full	22.65	/	/	25.55	/	/	<=30	Pass
		Inner_Full	22.58	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	25.36	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.98	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.07	/	/	<=30	Pass
		Outer_Full	22.73	/	/	25.63	/	/	<=30	Pass
		Inner_Full	22.92	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	24.97	/	/	<=30	Pass
	3540	Inner_1RB_Right	23.13	/	/	26.03	/	/	<=30	Pass
		Edge_1RB_Left	21.91	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	24.86	/	/	<=30	Pass
		Outer_Full	22.94	/	/	25.84	/	/	<=30	Pass
		Inner_Full	22.93	/	/	25.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Inner_1RB_Left	22.72	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	26.04	/	/	<=30	Pass
		Edge_1RB_Left	20.69	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	23.47	/	/	<=30	Pass
		Outer_Full	20.62	/	/	23.52	/	/	<=30	Pass
	3500.01	Inner_Full	20.70	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	20.52	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Left	20.07	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	23.98	/	/	<=30	Pass
	3540	Outer_Full	20.73	/	/	23.63	/	/	<=30	Pass
		Inner_Full	20.86	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	20.20	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Left	20.86	/	/	23.76	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Right	20.93	/	/	23.83	/	/	<=30	Pass
		Outer_Full	20.91	/	/	23.81	/	/	<=30	Pass
		Inner_Full	20.98	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	23.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.68	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	24.30	/	/	<=30	Pass
		Outer_Full	22.12	/	/	25.02	/	/	<=30	Pass
		Inner_Full	23.56	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	26.68	/	/	<=30	Pass
	3540	Inner_1RB_Right	23.42	/	/	26.32	/	/	<=30	Pass
		Edge_1RB_Left	21.13	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.09	/	/	<=30	Pass
		Outer_Full	22.38	/	/	25.28	/	/	<=30	Pass
		Inner_Full	23.78	/	/	26.68	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Inner_1RB_Left	23.21	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	27.16	/	/	<=30	Pass
		Edge_1RB_Left	21.83	/	/	24.73	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	24.93	/	/	<=30	Pass
		Outer_Full	22.52	/	/	25.42	/	/	<=30	Pass
	3500.01	Inner_Full	23.96	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Left	24.08	/	/	26.98	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	27.03	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.76	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	24.29	/	/	<=30	Pass
		Outer_Full	21.96	/	/	24.86	/	/	<=30	Pass
		Inner_Full	23.12	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	25.79	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	21.17	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer_Full	22.25	/	/	25.15	/	/	<=30	Pass
		Inner_Full	23.47	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	26.51	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.93	/	/	24.83	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer_Full	22.48	/	/	25.38	/	/	<=30	Pass
		Inner_Full	23.44	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	26.51	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	21.77	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	24.46	/	/	<=30	Pass
		Outer_Full	21.59	/	/	24.49	/	/	<=30	Pass
		Inner_Full	21.61	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	21.21	/	/	24.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.06	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	21.76	/	/	24.66	/	/	<=30	Pass
		Inner_Full	21.84	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	21.22	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	25.19	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.82	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	25.06	/	/	<=30	Pass
		Outer_Full	21.95	/	/	24.85	/	/	<=30	Pass
		Inner_Full	21.91	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	24.71	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	18.71	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	18.41	/	/	21.31	/	/	<=30	Pass
		Outer_Full	18.57	/	/	21.47	/	/	<=30	Pass
		Inner_Full	18.67	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	18.79	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	18.32	/	/	21.22	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.04	/	/	20.94	/	/	<=30	Pass
		Edge_1RB_Right	19.28	/	/	22.18	/	/	<=30	Pass
		Outer_Full	18.76	/	/	21.66	/	/	<=30	Pass
		Inner_Full	18.87	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	18.25	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	22.16	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.03	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	19.00	/	/	21.90	/	/	<=30	Pass
		Outer_Full	18.95	/	/	21.85	/	/	<=30	Pass
		Inner_Full	19.04	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	19.06	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	21.98	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_30MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge 1RB Left	21.78	/	/	24.68	/	/	<=30	Pass
		Edge 1RB Right	21.13	/	/	24.03	/	/	<=30	Pass

		Outer_Full	24.53	/	/	27.43	/	/	<=30	Pass
		Inner_Full	25.07	/	/	27.97	/	/	<=30	Pass
		Inner_1RB_Left	25.40	/	/	28.30	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	27.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.07	/	/	23.97	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.13	/	/	<=30	Pass
		Outer_Full	24.80	/	/	27.70	/	/	<=30	Pass
		Inner_Full	25.43	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	27.59	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	28.80	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.41	/	/	25.31	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	25.06	/	/	<=30	Pass
		Outer_Full	25.18	/	/	28.08	/	/	<=30	Pass
		Inner_Full	25.75	/	/	28.65	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	28.79	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Inner_1RB_Right	25.78	/	/	28.68	/	/	<=30	Pass
		Edge_1RB_Left	21.75	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	21.02	/	/	23.92	/	/	<=30	Pass
		Outer_Full	24.04	/	/	26.94	/	/	<=30	Pass
		Inner_Full	25.11	/	/	28.01	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	28.28	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.66	/	/	27.56	/	/	<=30	Pass
		Edge_1RB_Left	21.13	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.07	/	/	<=30	Pass
		Outer_Full	24.36	/	/	27.26	/	/	<=30	Pass
		Inner_Full	25.41	/	/	28.31	/	/	<=30	Pass
	3534.99	Inner_1RB_Left	24.69	/	/	27.59	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	28.70	/	/	<=30	Pass
		Edge_1RB_Left	22.23	/	/	25.13	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	24.98	/	/	<=30	Pass
		Outer_Full	24.67	/	/	27.57	/	/	<=30	Pass
		Inner_Full	25.71	/	/	28.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Inner_1RB_Left	25.80	/	/	28.70	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	28.57	/	/	<=30	Pass
		Edge_1RB_Left	21.91	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	24.18	/	/	<=30	Pass
		Outer_Full	23.02	/	/	25.92	/	/	<=30	Pass
		Inner_Full	24.09	/	/	26.99	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	24.31	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	26.67	/	/	<=30	Pass
		Edge_1RB_Left	21.16	/	/	24.06	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	25.22	/	/	<=30	Pass
		Outer_Full	23.28	/	/	26.18	/	/	<=30	Pass
	3534.99	Inner_Full	24.30	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	27.51	/	/	<=30	Pass
		Edge_1RB_Left	22.28	/	/	25.18	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	25.14	/	/	<=30	Pass
		Outer_Full	23.69	/	/	26.59	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Inner_Full	24.62	/	/	27.52	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	27.59	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	27.43	/	/	<=30	Pass
		Edge_1RB_Left	21.76	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	23.81	/	/	<=30	Pass
		Outer_Full	22.62	/	/	25.52	/	/	<=30	Pass
	3500.01	Inner_Full	22.63	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	25.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.02	/	/	23.92	/	/	<=30	Pass

			Edge 1RB Right	22.20	/	/	25.10	/	/	<=30	Pass
			Outer Full	22.82	/	/	25.72	/	/	<=30	Pass
			Inner Full	22.81	/	/	25.71	/	/	<=30	Pass
			Inner 1RB Left	22.12	/	/	25.02	/	/	<=30	Pass
			Inner 1RB Right	23.33	/	/	26.23	/	/	<=30	Pass
		3534.99	Edge 1RB Left	22.19	/	/	25.09	/	/	<=30	Pass
			Edge 1RB Right	22.20	/	/	25.10	/	/	<=30	Pass
			Outer Full	23.24	/	/	26.14	/	/	<=30	Pass
			Inner Full	23.18	/	/	26.08	/	/	<=30	Pass
			Inner 1RB Left	23.42	/	/	26.32	/	/	<=30	Pass
Inner 1RB Right	23.26	/	/	26.16	/	/	<=30	Pass			
DFT-s-OFDM 256 QAM	3465	Edge 1RB Left	20.71	/	/	23.61	/	/	<=30	Pass	
		Edge 1RB Right	19.95	/	/	22.85	/	/	<=30	Pass	
		Outer Full	20.60	/	/	23.50	/	/	<=30	Pass	
		Inner Full	20.59	/	/	23.49	/	/	<=30	Pass	
		Inner 1RB Left	20.73	/	/	23.63	/	/	<=30	Pass	
		Inner 1RB Right	20.12	/	/	23.02	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	20.04	/	/	22.94	/	/	<=30	Pass	
		Edge 1RB Right	21.16	/	/	24.06	/	/	<=30	Pass	
		Outer Full	20.73	/	/	23.63	/	/	<=30	Pass	
		Inner Full	20.93	/	/	23.83	/	/	<=30	Pass	
		Inner 1RB Left	20.18	/	/	23.08	/	/	<=30	Pass	
		Inner 1RB Right	21.35	/	/	24.25	/	/	<=30	Pass	
	3534.99	Edge 1RB Left	21.28	/	/	24.18	/	/	<=30	Pass	
		Edge 1RB Right	21.18	/	/	24.08	/	/	<=30	Pass	
		Outer Full	21.12	/	/	24.02	/	/	<=30	Pass	
		Inner Full	21.20	/	/	24.10	/	/	<=30	Pass	
		Inner 1RB Left	21.29	/	/	24.19	/	/	<=30	Pass	
		Inner 1RB Right	21.15	/	/	24.05	/	/	<=30	Pass	
CP-OFDM QPSK	3465	Edge 1RB Left	21.85	/	/	24.75	/	/	<=30	Pass	
		Edge 1RB Right	21.15	/	/	24.05	/	/	<=30	Pass	
		Outer Full	22.01	/	/	24.91	/	/	<=30	Pass	
		Inner Full	23.49	/	/	26.39	/	/	<=30	Pass	
		Inner 1RB Left	23.92	/	/	26.82	/	/	<=30	Pass	
		Inner 1RB Right	23.16	/	/	26.06	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	21.08	/	/	23.98	/	/	<=30	Pass	
		Edge 1RB Right	22.35	/	/	25.25	/	/	<=30	Pass	
		Outer Full	22.21	/	/	25.11	/	/	<=30	Pass	
		Inner Full	23.72	/	/	26.62	/	/	<=30	Pass	
		Inner 1RB Left	23.17	/	/	26.07	/	/	<=30	Pass	
		Inner 1RB Right	24.45	/	/	27.35	/	/	<=30	Pass	
	3534.99	Edge 1RB Left	22.23	/	/	25.13	/	/	<=30	Pass	
		Edge 1RB Right	22.20	/	/	25.10	/	/	<=30	Pass	
		Outer Full	22.68	/	/	25.58	/	/	<=30	Pass	
		Inner Full	24.13	/	/	27.03	/	/	<=30	Pass	
		Inner 1RB Left	24.38	/	/	27.28	/	/	<=30	Pass	
		Inner 1RB Right	24.26	/	/	27.16	/	/	<=30	Pass	
CP-OFDM 16 QAM	3465	Edge 1RB Left	21.88	/	/	24.78	/	/	<=30	Pass	
		Edge 1RB Right	21.23	/	/	24.13	/	/	<=30	Pass	
		Outer Full	22.04	/	/	24.94	/	/	<=30	Pass	
		Inner Full	23.04	/	/	25.94	/	/	<=30	Pass	
		Inner 1RB Left	23.47	/	/	26.37	/	/	<=30	Pass	
		Inner 1RB Right	22.63	/	/	25.53	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	21.19	/	/	24.09	/	/	<=30	Pass	
		Edge 1RB Right	22.06	/	/	24.96	/	/	<=30	Pass	
		Outer Full	22.14	/	/	25.04	/	/	<=30	Pass	
		Inner Full	23.34	/	/	26.24	/	/	<=30	Pass	
Inner 1RB Left	22.70	/	/	25.60	/	/	<=30	Pass			
Inner 1RB Right	23.92	/	/	26.82	/	/	<=30	Pass			

	3534.99	Edge_1RB_Left	22.14	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	25.03	/	/	<=30	Pass
		Outer_Full	22.67	/	/	25.57	/	/	<=30	Pass
		Inner_Full	23.53	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	26.78	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	26.72	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	21.81	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Right	21.11	/	/	24.01	/	/	<=30	Pass
		Outer_Full	21.52	/	/	24.42	/	/	<=30	Pass
		Inner_Full	21.54	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	24.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.17	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	21.80	/	/	24.70	/	/	<=30	Pass
		Inner_Full	21.82	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	25.13	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.27	/	/	25.17	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	24.98	/	/	<=30	Pass
		Outer_Full	22.06	/	/	24.96	/	/	<=30	Pass
		Inner_Full	22.24	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	22.22	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	24.95	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Left	18.85	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	18.26	/	/	21.16	/	/	<=30	Pass
		Outer_Full	18.60	/	/	21.50	/	/	<=30	Pass
		Inner_Full	18.61	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	18.95	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	18.15	/	/	21.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.21	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	19.40	/	/	22.30	/	/	<=30	Pass
		Outer_Full	18.76	/	/	21.66	/	/	<=30	Pass
		Inner_Full	18.84	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	18.32	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	19.46	/	/	22.36	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	19.16	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	19.14	/	/	22.04	/	/	<=30	Pass
		Outer_Full	19.16	/	/	22.06	/	/	<=30	Pass
		Inner_Full	19.26	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	19.47	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	19.46	/	/	22.36	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_40MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge 1RB Left	21.89	/	/	24.79	/	/	<=30	Pass
		Edge 1RB Right	21.11	/	/	24.01	/	/	<=30	Pass
		Outer_Full	24.52	/	/	27.42	/	/	<=30	Pass
		Inner_Full	25.10	/	/	28.00	/	/	<=30	Pass
		Inner 1RB Left	25.30	/	/	28.20	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	27.43	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.07	/	/	23.97	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	25.11	/	/	<=30	Pass

		Outer_Full	24.78	/	/	27.68	/	/	<=30	Pass
		Inner_Full	25.40	/	/	28.30	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	27.51	/	/	<=30	Pass
		Inner_1RB_Right	25.59	/	/	28.49	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.24	/	/	25.14	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	25.08	/	/	<=30	Pass
		Outer_Full	25.20	/	/	28.10	/	/	<=30	Pass
		Inner_Full	25.74	/	/	28.64	/	/	<=30	Pass
		Inner_1RB_Left	25.77	/	/	28.67	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	28.50	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	21.84	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	23.96	/	/	<=30	Pass
		Outer_Full	24.05	/	/	26.95	/	/	<=30	Pass
		Inner_Full	25.01	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Left	25.33	/	/	28.23	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	27.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.00	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	24.96	/	/	<=30	Pass
		Outer_Full	24.27	/	/	27.17	/	/	<=30	Pass
		Inner_Full	25.27	/	/	28.17	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Right	25.53	/	/	28.43	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.19	/	/	25.09	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	24.94	/	/	<=30	Pass
		Outer_Full	24.66	/	/	27.56	/	/	<=30	Pass
		Inner_Full	25.59	/	/	28.49	/	/	<=30	Pass
		Inner_1RB_Left	25.67	/	/	28.57	/	/	<=30	Pass
		Inner_1RB_Right	25.48	/	/	28.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	21.81	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	24.09	/	/	<=30	Pass
		Outer_Full	23.01	/	/	25.91	/	/	<=30	Pass
		Inner_Full	23.95	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	27.24	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	26.47	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.13	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer_Full	23.27	/	/	26.17	/	/	<=30	Pass
		Inner_Full	24.21	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	27.56	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.15	/	/	25.05	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	24.91	/	/	<=30	Pass
		Outer_Full	23.68	/	/	26.58	/	/	<=30	Pass
		Inner_Full	24.59	/	/	27.49	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	27.62	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	27.34	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	21.79	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	23.97	/	/	<=30	Pass
		Outer_Full	22.53	/	/	25.43	/	/	<=30	Pass
		Inner_Full	22.57	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	24.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.99	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	24.85	/	/	<=30	Pass
		Outer_Full	22.75	/	/	25.65	/	/	<=30	Pass
		Inner_Full	22.71	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	22.09	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	26.20	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.24	/	/	25.14	/	/	<=30	Pass

		Edge_1RB_Right	22.07	/	/	24.97	/	/	<=30	Pass
		Outer_Full	23.21	/	/	26.11	/	/	<=30	Pass
		Inner_Full	23.16	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	25.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	20.82	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	22.70	/	/	<=30	Pass
		Outer_Full	20.48	/	/	23.38	/	/	<=30	Pass
		Inner_Full	20.49	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	20.11	/	/	23.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.23	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	23.91	/	/	<=30	Pass
		Outer_Full	20.79	/	/	23.69	/	/	<=30	Pass
		Inner_Full	20.76	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	20.09	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	21.18	/	/	24.08	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.37	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	24.15	/	/	<=30	Pass
		Outer_Full	21.24	/	/	24.14	/	/	<=30	Pass
		Inner_Full	21.05	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	24.27	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	21.77	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	24.02	/	/	<=30	Pass
		Outer_Full	22.11	/	/	25.01	/	/	<=30	Pass
		Inner_Full	23.38	/	/	26.28	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	26.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.99	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer_Full	22.28	/	/	25.18	/	/	<=30	Pass
		Inner_Full	23.78	/	/	26.68	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	27.08	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.29	/	/	25.19	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	24.99	/	/	<=30	Pass
		Outer_Full	22.69	/	/	25.59	/	/	<=30	Pass
		Inner_Full	24.06	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	27.14	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	26.98	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	21.89	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	24.12	/	/	<=30	Pass
		Outer_Full	22.00	/	/	24.90	/	/	<=30	Pass
		Inner_Full	23.08	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	25.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.97	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	24.98	/	/	<=30	Pass
		Outer_Full	22.23	/	/	25.13	/	/	<=30	Pass
		Inner_Full	23.31	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	26.67	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.13	/	/	25.03	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	24.94	/	/	<=30	Pass
		Outer_Full	22.62	/	/	25.52	/	/	<=30	Pass
		Inner_Full	23.46	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	26.55	/	/	<=30	Pass

CP-OFDM 64 QAM	3470.01	Edge 1RB Left	21.82	/	/	24.72	/	/	<=30	Pass
		Edge 1RB Right	21.06	/	/	23.96	/	/	<=30	Pass
		Outer_Full	21.47	/	/	24.37	/	/	<=30	Pass
		Inner_Full	21.51	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Left	21.79	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	23.80	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.11	/	/	24.01	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	25.23	/	/	<=30	Pass
		Outer_Full	21.76	/	/	24.66	/	/	<=30	Pass
		Inner_Full	21.86	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Left	20.90	/	/	23.80	/	/	<=30	Pass
		Inner 1RB Right	22.28	/	/	25.18	/	/	<=30	Pass
	3529.98	Edge 1RB Left	22.21	/	/	25.11	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	24.94	/	/	<=30	Pass
		Outer_Full	22.18	/	/	25.08	/	/	<=30	Pass
		Inner_Full	22.03	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Left	22.42	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Right	22.11	/	/	25.01	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge 1RB Left	18.87	/	/	21.77	/	/	<=30	Pass
		Edge 1RB Right	18.18	/	/	21.08	/	/	<=30	Pass
		Outer_Full	18.54	/	/	21.44	/	/	<=30	Pass
		Inner_Full	18.46	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Left	18.91	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Right	17.99	/	/	20.89	/	/	<=30	Pass
	3500.01	Edge 1RB Left	17.93	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	19.17	/	/	22.07	/	/	<=30	Pass
		Outer_Full	18.75	/	/	21.65	/	/	<=30	Pass
		Inner_Full	18.78	/	/	21.68	/	/	<=30	Pass
		Inner 1RB Left	18.15	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Right	18.91	/	/	21.81	/	/	<=30	Pass
	3529.98	Edge 1RB Left	19.39	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Right	19.08	/	/	21.98	/	/	<=30	Pass
		Outer_Full	19.20	/	/	22.10	/	/	<=30	Pass
		Inner_Full	19.09	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Left	19.46	/	/	22.36	/	/	<=30	Pass
		Inner 1RB Right	19.06	/	/	21.96	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_50MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge 1RB Left	21.88	/	/	24.78	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	24.97	/	/	<=30	Pass
		Outer_Full	24.52	/	/	27.42	/	/	<=30	Pass
		Inner_Full	24.98	/	/	27.88	/	/	<=30	Pass
		Inner 1RB Left	25.40	/	/	28.30	/	/	<=30	Pass
		Inner 1RB Right	25.53	/	/	28.43	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.29	/	/	24.19	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	25.16	/	/	<=30	Pass
		Outer_Full	24.83	/	/	27.73	/	/	<=30	Pass
		Inner_Full	25.52	/	/	28.42	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	27.65	/	/	<=30	Pass
		Inner 1RB Right	25.74	/	/	28.64	/	/	<=30	Pass
	3525	Edge 1RB Left	21.66	/	/	24.56	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	25.22	/	/	<=30	Pass

		Outer_Full	25.23	/	/	28.13	/	/	<=30	Pass
		Inner_Full	25.77	/	/	28.67	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	28.04	/	/	<=30	Pass
		Inner_1RB_Right	25.71	/	/	28.61	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	21.85	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	24.84	/	/	<=30	Pass
		Outer_Full	23.99	/	/	26.89	/	/	<=30	Pass
		Inner_Full	24.91	/	/	27.81	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	28.22	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	28.35	/	/	<=30	Pass
		Edge_1RB_Left	21.18	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.15	/	/	<=30	Pass
	3500.01	Outer_Full	24.37	/	/	27.27	/	/	<=30	Pass
		Inner_Full	25.50	/	/	28.40	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	27.60	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	28.70	/	/	<=30	Pass
		Edge_1RB_Left	21.55	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.07	/	/	<=30	Pass
	3525	Outer_Full	24.61	/	/	27.51	/	/	<=30	Pass
		Inner_Full	25.79	/	/	28.69	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	27.99	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	28.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	21.93	/	/	24.83	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	24.91	/	/	<=30	Pass
		Outer_Full	23.01	/	/	25.91	/	/	<=30	Pass
		Inner_Full	23.84	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	27.27	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	27.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.25	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	25.10	/	/	<=30	Pass
		Outer_Full	23.40	/	/	26.30	/	/	<=30	Pass
		Inner_Full	24.37	/	/	27.27	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	27.67	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.67	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	25.27	/	/	<=30	Pass
		Outer_Full	23.65	/	/	26.55	/	/	<=30	Pass
		Inner_Full	24.68	/	/	27.58	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	27.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	21.89	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	24.86	/	/	<=30	Pass
		Outer_Full	22.56	/	/	25.46	/	/	<=30	Pass
		Inner_Full	22.37	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	25.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.23	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.09	/	/	<=30	Pass
		Outer_Full	22.77	/	/	25.67	/	/	<=30	Pass
		Inner_Full	22.94	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	22.26	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	25.95	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.77	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	25.00	/	/	<=30	Pass
		Outer_Full	23.14	/	/	26.04	/	/	<=30	Pass
		Inner_Full	23.22	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	26.17	/	/	<=30	Pass
DFT-s-OFDM 256	3475.02	Edge_1RB_Left	20.76	/	/	23.66	/	/	<=30	Pass

QAM		Edge_1RB_Right	20.90	/	/	23.80	/	/	<=30	Pass
		Outer_Full	20.57	/	/	23.47	/	/	<=30	Pass
		Inner_Full	20.40	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	21.02	/	/	23.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.19	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	24.02	/	/	<=30	Pass
		Outer_Full	20.93	/	/	23.83	/	/	<=30	Pass
		Inner_Full	20.94	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	23.19	/	/	<=30	Pass
	3525	Inner_1RB_Right	21.33	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Left	20.88	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	24.38	/	/	<=30	Pass
		Outer_Full	21.20	/	/	24.10	/	/	<=30	Pass
		Inner_Full	21.30	/	/	24.20	/	/	<=30	Pass
CP-OFDM QPSK		Inner_1RB_Left	20.78	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	24.17	/	/	<=30	Pass
	3475.02	Edge_1RB_Left	21.81	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	25.04	/	/	<=30	Pass
		Outer_Full	21.96	/	/	24.86	/	/	<=30	Pass
		Inner_Full	23.39	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	26.88	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	23.96	/	/	26.86	/	/	<=30	Pass
		Edge_1RB_Left	21.31	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	25.14	/	/	<=30	Pass
		Outer_Full	22.28	/	/	25.18	/	/	<=30	Pass
		Inner_Full	24.02	/	/	26.92	/	/	<=30	Pass
	3525	Inner_1RB_Left	23.36	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	27.23	/	/	<=30	Pass
		Edge_1RB_Left	21.60	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	25.21	/	/	<=30	Pass
		Outer_Full	22.57	/	/	25.47	/	/	<=30	Pass
CP-OFDM 16 QAM		Inner_Full	24.17	/	/	27.07	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	27.14	/	/	<=30	Pass
	3475.02	Edge_1RB_Left	21.95	/	/	24.85	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	24.92	/	/	<=30	Pass
		Outer_Full	21.96	/	/	24.86	/	/	<=30	Pass
		Inner_Full	22.92	/	/	25.82	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	23.43	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	26.44	/	/	<=30	Pass
		Edge_1RB_Left	21.27	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	25.20	/	/	<=30	Pass
		Outer_Full	22.19	/	/	25.09	/	/	<=30	Pass
CP-OFDM 64 QAM		Inner_Full	23.44	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	26.51	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.68	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	25.27	/	/	<=30	Pass
		Outer_Full	22.55	/	/	25.45	/	/	<=30	Pass
		Inner_Full	23.63	/	/	26.53	/	/	<=30	Pass
	3475.02	Inner_1RB_Left	23.34	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	26.60	/	/	<=30	Pass
		Edge_1RB_Left	21.63	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer_Full	21.53	/	/	24.43	/	/	<=30	Pass
		Inner_Full	21.45	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	24.81	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	21.25	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer_Full	21.87	/	/	24.77	/	/	<=30	Pass
		Inner_Full	21.88	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	25.35	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.61	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer_Full	22.10	/	/	25.00	/	/	<=30	Pass
		Inner_Full	22.13	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	24.87	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	19.03	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	18.93	/	/	21.83	/	/	<=30	Pass
		Outer_Full	18.58	/	/	21.48	/	/	<=30	Pass
		Inner_Full	18.44	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	18.89	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	18.92	/	/	21.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.43	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	19.25	/	/	22.15	/	/	<=30	Pass
		Outer_Full	18.86	/	/	21.76	/	/	<=30	Pass
		Inner_Full	19.11	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	18.23	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	19.40	/	/	22.30	/	/	<=30	Pass
	3525	Edge_1RB_Left	18.69	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	19.19	/	/	22.09	/	/	<=30	Pass
		Outer_Full	19.20	/	/	22.10	/	/	<=30	Pass
		Inner_Full	19.18	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	19.29	/	/	22.19	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_60MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge 1RB Left	21.79	/	/	24.69	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	24.56	/	/	27.46	/	/	<=30	Pass
		Inner_Full	24.77	/	/	27.67	/	/	<=30	Pass
		Inner 1RB Left	25.43	/	/	28.33	/	/	<=30	Pass
		Inner 1RB Right	25.80	/	/	28.70	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.40	/	/	24.30	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	24.90	/	/	<=30	Pass
		Outer_Full	25.89	/	/	28.79	/	/	<=30	Pass
		Inner_Full	25.12	/	/	28.02	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	27.63	/	/	<=30	Pass
		Inner 1RB Right	25.34	/	/	28.24	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.16	/	/	24.06	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	25.01	/	/	<=30	Pass
		Outer_Full	24.96	/	/	27.86	/	/	<=30	Pass
		Inner_Full	25.65	/	/	28.55	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	27.65	/	/	<=30	Pass
		Inner 1RB Right	25.68	/	/	28.58	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge 1RB Left	21.72	/	/	24.62	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	25.15	/	/	<=30	Pass

		Outer_Full	24.03	/	/	26.93	/	/	<=30	Pass
		Inner_Full	24.74	/	/	27.64	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	28.20	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	28.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.34	/	/	24.24	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	24.80	/	/	<=30	Pass
		Outer_Full	24.12	/	/	27.02	/	/	<=30	Pass
		Inner_Full	25.19	/	/	28.09	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Right	25.57	/	/	28.47	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.10	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	24.88	/	/	<=30	Pass
		Outer_Full	24.36	/	/	27.26	/	/	<=30	Pass
		Inner_Full	25.58	/	/	28.48	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	27.57	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	28.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	21.90	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	22.99	/	/	25.89	/	/	<=30	Pass
		Inner_Full	23.75	/	/	26.65	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	27.33	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	27.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.42	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	24.94	/	/	<=30	Pass
		Outer_Full	23.16	/	/	26.06	/	/	<=30	Pass
		Inner_Full	24.21	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	27.47	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.21	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	24.94	/	/	<=30	Pass
		Outer_Full	23.34	/	/	26.24	/	/	<=30	Pass
		Inner_Full	24.57	/	/	27.47	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	27.39	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	21.73	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.13	/	/	<=30	Pass
		Outer_Full	22.55	/	/	25.45	/	/	<=30	Pass
		Inner_Full	22.27	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	26.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.20	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	25.00	/	/	<=30	Pass
		Outer_Full	22.59	/	/	25.49	/	/	<=30	Pass
		Inner_Full	22.79	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	25.72	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.06	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	25.03	/	/	<=30	Pass
		Outer_Full	22.84	/	/	25.74	/	/	<=30	Pass
		Inner_Full	23.06	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	25.86	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	20.92	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	24.26	/	/	<=30	Pass
		Outer_Full	20.57	/	/	23.47	/	/	<=30	Pass
		Inner_Full	20.25	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	21.23	/	/	24.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.33	/	/	23.23	/	/	<=30	Pass

		Edge 1RB Right	21.10	/	/	24.00	/	/	<=30	Pass
		Outer Full	20.71	/	/	23.61	/	/	<=30	Pass
		Inner Full	20.67	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	23.93	/	/	<=30	Pass
	3519.99	Edge 1RB Left	20.19	/	/	23.09	/	/	<=30	Pass
		Edge 1RB Right	21.09	/	/	23.99	/	/	<=30	Pass
		Outer Full	20.88	/	/	23.78	/	/	<=30	Pass
		Inner Full	21.07	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Left	20.18	/	/	23.08	/	/	<=30	Pass
	Inner 1RB Right	21.14	/	/	24.04	/	/	<=30	Pass	
CP-OFDM QPSK	3480	Edge 1RB Left	21.81	/	/	24.71	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	25.10	/	/	<=30	Pass
		Outer Full	21.97	/	/	24.87	/	/	<=30	Pass
		Inner Full	23.20	/	/	26.10	/	/	<=30	Pass
		Inner 1RB Left	23.90	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Right	24.40	/	/	27.30	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.32	/	/	24.22	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	24.93	/	/	<=30	Pass
		Outer Full	22.10	/	/	25.00	/	/	<=30	Pass
		Inner Full	23.65	/	/	26.55	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Right	24.20	/	/	27.10	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.19	/	/	24.09	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	25.01	/	/	<=30	Pass
		Outer Full	22.34	/	/	25.24	/	/	<=30	Pass
		Inner Full	23.94	/	/	26.84	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Right	24.17	/	/	27.07	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge 1RB Left	21.95	/	/	24.85	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer Full	21.95	/	/	24.85	/	/	<=30	Pass
		Inner Full	22.71	/	/	25.61	/	/	<=30	Pass
		Inner 1RB Left	23.29	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Right	23.88	/	/	26.78	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.41	/	/	24.31	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	25.07	/	/	<=30	Pass
		Outer Full	22.05	/	/	24.95	/	/	<=30	Pass
		Inner Full	23.16	/	/	26.06	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	25.84	/	/	<=30	Pass
		Inner 1RB Right	23.56	/	/	26.46	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.16	/	/	24.06	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	25.00	/	/	<=30	Pass
		Outer Full	22.36	/	/	25.26	/	/	<=30	Pass
		Inner Full	23.54	/	/	26.44	/	/	<=30	Pass
		Inner 1RB Left	22.66	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Right	23.70	/	/	26.60	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge 1RB Left	21.52	/	/	24.42	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	25.00	/	/	<=30	Pass
		Outer Full	21.50	/	/	24.40	/	/	<=30	Pass
		Inner Full	21.21	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Left	21.76	/	/	24.66	/	/	<=30	Pass
		Inner 1RB Right	22.22	/	/	25.12	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.16	/	/	24.06	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	24.86	/	/	<=30	Pass
		Outer Full	21.66	/	/	24.56	/	/	<=30	Pass
		Inner Full	21.70	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	21.22	/	/	24.12	/	/	<=30	Pass
		Inner 1RB Right	22.23	/	/	25.13	/	/	<=30	Pass

	3519.99	Edge_1RB_Left	21.22	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	25.18	/	/	<=30	Pass
		Outer_Full	21.86	/	/	24.76	/	/	<=30	Pass
		Inner_Full	22.11	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	24.97	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	19.01	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	19.28	/	/	22.18	/	/	<=30	Pass
		Outer_Full	18.57	/	/	21.47	/	/	<=30	Pass
		Inner_Full	18.30	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	18.88	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	22.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.65	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	19.03	/	/	21.93	/	/	<=30	Pass
		Outer_Full	18.72	/	/	21.62	/	/	<=30	Pass
		Inner_Full	18.76	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	18.42	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	21.98	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	18.22	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	22.10	/	/	<=30	Pass
		Outer_Full	18.90	/	/	21.80	/	/	<=30	Pass
		Inner_Full	19.13	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	18.23	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	22.14	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_70MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	21.86	/	/	24.76	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	25.49	/	/	<=30	Pass
		Outer_Full	24.65	/	/	27.55	/	/	<=30	Pass
		Inner_Full	24.82	/	/	27.72	/	/	<=30	Pass
		Inner 1RB Left	25.32	/	/	28.22	/	/	<=30	Pass
		Inner 1RB Right	25.94	/	/	28.84	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.55	/	/	24.45	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	24.98	/	/	<=30	Pass
		Outer_Full	24.76	/	/	27.66	/	/	<=30	Pass
		Inner_Full	25.36	/	/	28.26	/	/	<=30	Pass
		Inner 1RB Left	25.10	/	/	28.00	/	/	<=30	Pass
		Inner 1RB Right	25.63	/	/	28.53	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.28	/	/	24.18	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	25.08	/	/	<=30	Pass
		Outer_Full	24.94	/	/	27.84	/	/	<=30	Pass
		Inner_Full	25.77	/	/	28.67	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	27.65	/	/	<=30	Pass
		Inner 1RB Right	25.67	/	/	28.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	21.75	/	/	24.65	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	25.27	/	/	<=30	Pass
		Outer_Full	24.06	/	/	26.96	/	/	<=30	Pass
		Inner_Full	24.75	/	/	27.65	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	28.10	/	/	<=30	Pass
		Inner 1RB Right	25.77	/	/	28.67	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.55	/	/	24.45	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	25.00	/	/	<=30	Pass

		Outer_Full	24.28	/	/	27.18	/	/	<=30	Pass
		Inner_Full	25.32	/	/	28.22	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	28.57	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.20	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.09	/	/	<=30	Pass
		Outer_Full	24.38	/	/	27.28	/	/	<=30	Pass
		Inner_Full	25.72	/	/	28.62	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	27.60	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	28.53	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	21.67	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	25.30	/	/	<=30	Pass
		Outer_Full	23.08	/	/	25.98	/	/	<=30	Pass
		Inner_Full	23.71	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	27.15	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	27.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.44	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	24.91	/	/	<=30	Pass
		Outer_Full	23.30	/	/	26.20	/	/	<=30	Pass
		Inner_Full	24.30	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	27.01	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	27.64	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.14	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.13	/	/	<=30	Pass
		Outer_Full	23.47	/	/	26.37	/	/	<=30	Pass
		Inner_Full	24.71	/	/	27.61	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	24.69	/	/	27.59	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.58	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	25.21	/	/	<=30	Pass
		Outer_Full	22.61	/	/	25.51	/	/	<=30	Pass
		Inner_Full	22.27	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	26.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.39	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	25.08	/	/	<=30	Pass
		Outer_Full	22.77	/	/	25.67	/	/	<=30	Pass
		Inner_Full	22.81	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	26.01	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.11	/	/	24.01	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	24.93	/	/	<=30	Pass
		Outer_Full	23.02	/	/	25.92	/	/	<=30	Pass
		Inner_Full	23.21	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	25.08	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	25.99	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	20.78	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	24.24	/	/	<=30	Pass
		Outer_Full	20.72	/	/	23.62	/	/	<=30	Pass
		Inner_Full	20.19	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	24.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.74	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	23.88	/	/	<=30	Pass
		Outer_Full	20.85	/	/	23.75	/	/	<=30	Pass
		Inner_Full	20.78	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	23.97	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.14	/	/	23.04	/	/	<=30	Pass

		Edge_1RB_Right	21.29	/	/	24.19	/	/	<=30	Pass
		Outer_Full	20.98	/	/	23.88	/	/	<=30	Pass
		Inner_Full	21.27	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	20.37	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	24.23	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	21.68	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	25.40	/	/	<=30	Pass
		Outer_Full	22.09	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.27	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Right	24.37	/	/	27.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.59	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer_Full	22.29	/	/	25.19	/	/	<=30	Pass
		Inner_Full	23.84	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	27.01	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.20	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	25.08	/	/	<=30	Pass
		Outer_Full	22.39	/	/	25.29	/	/	<=30	Pass
		Inner_Full	24.21	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	27.17	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	21.62	/	/	24.52	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	25.44	/	/	<=30	Pass
		Outer_Full	22.10	/	/	25.00	/	/	<=30	Pass
		Inner_Full	22.80	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	26.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.67	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.17	/	/	<=30	Pass
		Outer_Full	22.28	/	/	25.18	/	/	<=30	Pass
		Inner_Full	23.36	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	25.99	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	26.56	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.26	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	25.21	/	/	<=30	Pass
		Outer_Full	22.43	/	/	25.33	/	/	<=30	Pass
		Inner_Full	23.72	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	26.56	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.68	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	21.66	/	/	24.56	/	/	<=30	Pass
		Inner_Full	21.24	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	25.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.44	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	25.05	/	/	<=30	Pass
		Outer_Full	21.79	/	/	24.69	/	/	<=30	Pass
		Inner_Full	21.81	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	25.10	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.47	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	25.06	/	/	<=30	Pass
		Outer_Full	21.94	/	/	24.84	/	/	<=30	Pass
		Inner_Full	22.22	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	25.15	/	/	<=30	Pass

CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.91	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	19.41	/	/	22.31	/	/	<=30	Pass
		Outer_Full	18.65	/	/	21.55	/	/	<=30	Pass
		Inner_Full	18.25	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	18.68	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	19.44	/	/	22.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.69	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	19.27	/	/	22.17	/	/	<=30	Pass
		Outer_Full	18.80	/	/	21.70	/	/	<=30	Pass
		Inner_Full	18.85	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	18.63	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	22.14	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.35	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	19.24	/	/	22.14	/	/	<=30	Pass
		Outer_Full	19.02	/	/	21.92	/	/	<=30	Pass
		Inner_Full	19.26	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	18.16	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	19.35	/	/	22.25	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_80MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	22.02	/	/	24.92	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer_Full	24.83	/	/	27.73	/	/	<=30	Pass
		Inner_Full	25.17	/	/	28.07	/	/	<=30	Pass
		Inner 1RB Left	25.38	/	/	28.28	/	/	<=30	Pass
		Inner 1RB Right	25.78	/	/	28.68	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.84	/	/	24.74	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	25.01	/	/	<=30	Pass
		Outer_Full	24.80	/	/	27.70	/	/	<=30	Pass
		Inner_Full	25.44	/	/	28.34	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	28.25	/	/	<=30	Pass
		Inner 1RB Right	25.65	/	/	28.55	/	/	<=30	Pass
	3510	Edge 1RB Left	21.39	/	/	24.29	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	25.09	/	/	<=30	Pass
		Outer_Full	24.78	/	/	27.68	/	/	<=30	Pass
		Inner_Full	25.55	/	/	28.45	/	/	<=30	Pass
		Inner 1RB Left	24.94	/	/	27.84	/	/	<=30	Pass
		Inner 1RB Right	25.79	/	/	28.69	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	21.87	/	/	24.77	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer_Full	24.34	/	/	27.24	/	/	<=30	Pass
		Inner_Full	25.13	/	/	28.03	/	/	<=30	Pass
		Inner 1RB Left	25.33	/	/	28.23	/	/	<=30	Pass
		Inner 1RB Right	25.72	/	/	28.62	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.82	/	/	24.72	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	24.29	/	/	27.19	/	/	<=30	Pass
		Inner_Full	25.38	/	/	28.28	/	/	<=30	Pass
		Inner 1RB Left	25.30	/	/	28.20	/	/	<=30	Pass
		Inner 1RB Right	25.64	/	/	28.54	/	/	<=30	Pass
	3510	Edge 1RB Left	21.35	/	/	24.25	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	25.22	/	/	<=30	Pass

		Outer_Full	24.25	/	/	27.15	/	/	<=30	Pass
		Inner_Full	25.48	/	/	28.38	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	27.75	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	28.63	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	21.78	/	/	24.68	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	25.12	/	/	<=30	Pass
		Outer_Full	23.32	/	/	26.22	/	/	<=30	Pass
		Inner_Full	24.13	/	/	27.03	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	27.23	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	27.84	/	/	<=30	Pass
		Edge_1RB_Left	21.86	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.13	/	/	<=30	Pass
	3500.01	Outer_Full	23.31	/	/	26.21	/	/	<=30	Pass
		Inner_Full	24.32	/	/	27.22	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	27.36	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	27.45	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.50	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	25.24	/	/	<=30	Pass
		Outer_Full	23.38	/	/	26.28	/	/	<=30	Pass
		Inner_Full	24.48	/	/	27.38	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	27.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.89	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	24.97	/	/	<=30	Pass
		Outer_Full	22.87	/	/	25.77	/	/	<=30	Pass
		Inner_Full	22.60	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	26.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.85	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	24.96	/	/	<=30	Pass
		Outer_Full	22.78	/	/	25.68	/	/	<=30	Pass
		Inner_Full	22.80	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	26.12	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.52	/	/	24.42	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	25.16	/	/	<=30	Pass
		Outer_Full	22.79	/	/	25.69	/	/	<=30	Pass
		Inner_Full	23.00	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Left	22.30	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	26.20	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	20.79	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	24.27	/	/	<=30	Pass
		Outer_Full	20.91	/	/	23.81	/	/	<=30	Pass
		Inner_Full	20.56	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	20.96	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	24.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.00	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	23.95	/	/	<=30	Pass
		Outer_Full	20.84	/	/	23.74	/	/	<=30	Pass
		Inner_Full	20.95	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	21.08	/	/	23.98	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.43	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	24.38	/	/	<=30	Pass
		Outer_Full	20.91	/	/	23.81	/	/	<=30	Pass
		Inner_Full	20.96	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	20.56	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	24.23	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	21.87	/	/	24.77	/	/	<=30	Pass

		Edge_1RB_Right	22.31	/	/	25.21	/	/	<=30	Pass
		Outer_Full	22.27	/	/	25.17	/	/	<=30	Pass
		Inner_Full	23.53	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	27.22	/	/	<=30	Pass
		Edge_1RB_Left	21.82	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.11	/	/	<=30	Pass
		Outer_Full	22.30	/	/	25.20	/	/	<=30	Pass
		Inner_Full	23.87	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	26.77	/	/	<=30	Pass
	Inner_1RB_Right	24.26	/	/	27.16	/	/	<=30	Pass	
	3510	Edge_1RB_Left	21.39	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.17	/	/	<=30	Pass
		Outer_Full	22.25	/	/	25.15	/	/	<=30	Pass
		Inner_Full	23.97	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	27.24	/	/	<=30	Pass
	CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	21.98	/	/	24.88	/	/	<=30
Edge_1RB_Right			22.43	/	/	25.33	/	/	<=30	Pass
Outer_Full			22.36	/	/	25.26	/	/	<=30	Pass
Inner_Full			23.10	/	/	26.00	/	/	<=30	Pass
Inner_1RB_Left			23.30	/	/	26.20	/	/	<=30	Pass
Inner_1RB_Right			23.75	/	/	26.65	/	/	<=30	Pass
3500.01		Edge_1RB_Left	21.82	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	25.00	/	/	<=30	Pass
		Outer_Full	22.34	/	/	25.24	/	/	<=30	Pass
		Inner_Full	23.43	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	26.65	/	/	<=30	Pass
3510		Edge_1RB_Left	21.67	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	24.96	/	/	<=30	Pass
		Outer_Full	22.26	/	/	25.16	/	/	<=30	Pass
		Inner_Full	23.48	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	26.08	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	26.77	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.88	/	/	24.78	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	25.26	/	/	<=30	Pass
		Outer_Full	21.76	/	/	24.66	/	/	<=30	Pass
		Inner_Full	21.57	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	25.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.82	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer_Full	21.77	/	/	24.67	/	/	<=30	Pass
		Inner_Full	21.93	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	25.09	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.50	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	25.28	/	/	<=30	Pass
		Outer_Full	21.78	/	/	24.68	/	/	<=30	Pass
		Inner_Full	21.96	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	25.19	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	19.25	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	19.14	/	/	22.04	/	/	<=30	Pass
		Outer_Full	18.81	/	/	21.71	/	/	<=30	Pass
		Inner_Full	18.57	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	19.14	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	22.41	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	18.83	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Right	19.25	/	/	22.15	/	/	<=30	Pass
		Outer_Full	18.91	/	/	21.81	/	/	<=30	Pass
		Inner_Full	18.84	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	19.20	/	/	22.10	/	/	<=30	Pass
	3510	Edge_1RB_Left	18.73	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	22.24	/	/	<=30	Pass
		Outer_Full	18.92	/	/	21.82	/	/	<=30	Pass
		Inner_Full	18.97	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	18.46	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	21.98	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_90MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge 1RB Left	21.90	/	/	24.80	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	25.16	/	/	<=30	Pass
		Outer_Full	24.73	/	/	27.63	/	/	<=30	Pass
		Inner_Full	25.12	/	/	28.02	/	/	<=30	Pass
		Inner 1RB Left	25.47	/	/	28.37	/	/	<=30	Pass
		Inner 1RB Right	25.83	/	/	28.73	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.99	/	/	24.89	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	25.05	/	/	<=30	Pass
		Outer_Full	24.84	/	/	27.74	/	/	<=30	Pass
		Inner_Full	25.36	/	/	28.26	/	/	<=30	Pass
		Inner 1RB Left	25.43	/	/	28.33	/	/	<=30	Pass
		Inner 1RB Right	25.71	/	/	28.61	/	/	<=30	Pass
	3504.99	Edge 1RB Left	21.94	/	/	24.84	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	24.99	/	/	<=30	Pass
		Outer_Full	24.83	/	/	27.73	/	/	<=30	Pass
		Inner_Full	25.46	/	/	28.36	/	/	<=30	Pass
		Inner 1RB Left	25.45	/	/	28.35	/	/	<=30	Pass
		Inner 1RB Right	25.73	/	/	28.63	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge 1RB Left	21.85	/	/	24.75	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer_Full	24.24	/	/	27.14	/	/	<=30	Pass
		Inner_Full	25.07	/	/	27.97	/	/	<=30	Pass
		Inner 1RB Left	25.33	/	/	28.23	/	/	<=30	Pass
		Inner 1RB Right	25.75	/	/	28.65	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.94	/	/	24.84	/	/	<=30	Pass
		Edge 1RB Right	22.14	/	/	25.04	/	/	<=30	Pass
		Outer_Full	24.25	/	/	27.15	/	/	<=30	Pass
		Inner_Full	25.25	/	/	28.15	/	/	<=30	Pass
		Inner 1RB Left	25.45	/	/	28.35	/	/	<=30	Pass
		Inner 1RB Right	25.63	/	/	28.53	/	/	<=30	Pass
	3504.99	Edge 1RB Left	21.90	/	/	24.80	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	25.00	/	/	<=30	Pass
		Outer_Full	24.25	/	/	27.15	/	/	<=30	Pass
		Inner_Full	25.42	/	/	28.32	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	28.26	/	/	<=30	Pass
		Inner 1RB Right	25.63	/	/	28.53	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge 1RB Left	21.84	/	/	24.74	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	25.16	/	/	<=30	Pass

		Outer_Full	23.26	/	/	26.16	/	/	<=30	Pass
		Inner_Full	24.02	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	27.29	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	27.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.89	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	25.04	/	/	<=30	Pass
		Outer_Full	23.37	/	/	26.27	/	/	<=30	Pass
		Inner_Full	24.31	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Left	24.41	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	27.56	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.08	/	/	24.98	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	25.06	/	/	<=30	Pass
		Outer_Full	23.37	/	/	26.27	/	/	<=30	Pass
		Inner_Full	24.36	/	/	27.26	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	27.19	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	27.65	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	21.86	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.25	/	/	<=30	Pass
		Outer_Full	22.87	/	/	25.77	/	/	<=30	Pass
		Inner_Full	22.54	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	26.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	25.02	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	25.10	/	/	<=30	Pass
		Outer_Full	22.85	/	/	25.75	/	/	<=30	Pass
		Inner_Full	22.88	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	26.03	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.91	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	25.03	/	/	<=30	Pass
		Outer_Full	22.83	/	/	25.73	/	/	<=30	Pass
		Inner_Full	22.94	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	26.15	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	20.76	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	24.27	/	/	<=30	Pass
		Outer_Full	20.75	/	/	23.65	/	/	<=30	Pass
		Inner_Full	20.58	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	24.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.00	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	24.17	/	/	<=30	Pass
		Outer_Full	20.87	/	/	23.77	/	/	<=30	Pass
		Inner_Full	20.81	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	21.14	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	24.28	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.01	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	24.08	/	/	<=30	Pass
		Outer_Full	20.85	/	/	23.75	/	/	<=30	Pass
		Inner_Full	20.85	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	24.14	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	21.79	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	25.18	/	/	<=30	Pass
		Outer_Full	22.26	/	/	25.16	/	/	<=30	Pass
		Inner_Full	23.60	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	27.35	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.02	/	/	24.92	/	/	<=30	Pass

		Edge 1RB Right	22.12	/	/	25.02	/	/	<=30	Pass
		Outer Full	22.33	/	/	25.23	/	/	<=30	Pass
		Inner Full	23.87	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	24.08	/	/	26.98	/	/	<=30	Pass
		Inner 1RB Right	24.31	/	/	27.21	/	/	<=30	Pass
	3504.99	Edge 1RB Left	21.93	/	/	24.83	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	25.08	/	/	<=30	Pass
		Outer Full	22.23	/	/	25.13	/	/	<=30	Pass
		Inner Full	23.97	/	/	26.87	/	/	<=30	Pass
		Inner 1RB Left	24.09	/	/	26.99	/	/	<=30	Pass
Inner 1RB Right	24.33	/	/	27.23	/	/	<=30	Pass		
CP-OFDM 16 QAM	3495	Edge 1RB Left	22.06	/	/	24.96	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer Full	22.19	/	/	25.09	/	/	<=30	Pass
		Inner Full	23.12	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Left	23.33	/	/	26.23	/	/	<=30	Pass
		Inner 1RB Right	23.90	/	/	26.80	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.18	/	/	25.08	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	25.14	/	/	<=30	Pass
		Outer Full	22.27	/	/	25.17	/	/	<=30	Pass
		Inner Full	23.36	/	/	26.26	/	/	<=30	Pass
		Inner 1RB Left	23.42	/	/	26.32	/	/	<=30	Pass
		Inner 1RB Right	23.76	/	/	26.66	/	/	<=30	Pass
	3504.99	Edge 1RB Left	21.97	/	/	24.87	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	25.18	/	/	<=30	Pass
		Outer Full	22.33	/	/	25.23	/	/	<=30	Pass
		Inner Full	23.45	/	/	26.35	/	/	<=30	Pass
		Inner 1RB Left	23.70	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	23.83	/	/	26.73	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge 1RB Left	21.86	/	/	24.76	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	25.15	/	/	<=30	Pass
		Outer Full	21.82	/	/	24.72	/	/	<=30	Pass
		Inner Full	21.58	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Left	21.82	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	22.20	/	/	25.10	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.91	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	24.79	/	/	<=30	Pass
		Outer Full	21.83	/	/	24.73	/	/	<=30	Pass
		Inner Full	21.81	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Left	21.97	/	/	24.87	/	/	<=30	Pass
		Inner 1RB Right	22.29	/	/	25.19	/	/	<=30	Pass
	3504.99	Edge 1RB Left	21.99	/	/	24.89	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	25.07	/	/	<=30	Pass
		Outer Full	21.83	/	/	24.73	/	/	<=30	Pass
		Inner Full	21.88	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	21.84	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	22.31	/	/	25.21	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge 1RB Left	18.96	/	/	21.86	/	/	<=30	Pass
		Edge 1RB Right	19.16	/	/	22.06	/	/	<=30	Pass
		Outer Full	18.83	/	/	21.73	/	/	<=30	Pass
		Inner Full	18.66	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Left	18.93	/	/	21.83	/	/	<=30	Pass
		Inner 1RB Right	19.33	/	/	22.23	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.09	/	/	21.99	/	/	<=30	Pass
		Edge 1RB Right	19.29	/	/	22.19	/	/	<=30	Pass
		Outer Full	18.95	/	/	21.85	/	/	<=30	Pass
		Inner Full	18.90	/	/	21.80	/	/	<=30	Pass
Inner 1RB Left	19.12	/	/	22.02	/	/	<=30	Pass		
Inner 1RB Right	19.20	/	/	22.10	/	/	<=30	Pass		

	3504.99	Edge_1RB_Left	18.85	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	22.10	/	/	<=30	Pass
		Outer_Full	18.90	/	/	21.80	/	/	<=30	Pass
		Inner_Full	19.00	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	19.21	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	22.06	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 2.90dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.10 30k_SISO_100MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.09	/	/	24.99	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	25.19	/	/	<=30	Pass
		Outer_Full	24.84	/	/	27.74	/	/	<=30	Pass
		Inner_Full	25.25	/	/	28.15	/	/	<=30	Pass
		Inner_1RB_Left	25.54	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	28.71	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	21.96	/	/	24.86	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	25.21	/	/	<=30	Pass
		Outer_Full	24.35	/	/	27.25	/	/	<=30	Pass
		Inner_Full	25.17	/	/	28.07	/	/	<=30	Pass
		Inner_1RB_Left	25.42	/	/	28.32	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	28.62	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.00	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	25.16	/	/	<=30	Pass
		Outer_Full	23.36	/	/	26.26	/	/	<=30	Pass
		Inner_Full	24.29	/	/	27.19	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	27.37	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	27.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	21.90	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.09	/	/	<=30	Pass
		Outer_Full	22.90	/	/	25.80	/	/	<=30	Pass
		Inner_Full	22.80	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	26.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	20.99	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	24.12	/	/	<=30	Pass
		Outer_Full	20.90	/	/	23.80	/	/	<=30	Pass
		Inner_Full	20.78	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	24.32	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	21.99	/	/	24.89	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	25.20	/	/	<=30	Pass
		Outer_Full	22.30	/	/	25.20	/	/	<=30	Pass
		Inner_Full	23.68	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	26.89	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	27.23	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.06	/	/	24.96	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	25.30	/	/	<=30	Pass
		Outer_Full	22.30	/	/	25.20	/	/	<=30	Pass
		Inner_Full	23.33	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	26.71	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.04	/	/	24.94	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	25.26	/	/	<=30	Pass

		Outer_Full	21.91	/	/	24.81	/	/	<=30	Pass
		Inner_Full	21.82	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	21.94	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	25.19	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	18.94	/	/	21.84	/	/	<=30	Pass
		Edge_1RB_Right	19.38	/	/	22.28	/	/	<=30	Pass
		Outer_Full	18.90	/	/	21.80	/	/	<=30	Pass
		Inner_Full	18.84	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	18.85	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	22.42	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n77d 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	3500.01	Outer_Full	20	LV	15.00	0.0043	>=-2.5 & <=2.5	Pass
				HV	6.90	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	10.10	0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	16.70	0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	9.90	0.0028	>=-2.5 & <=2.5	Pass
			10	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n77d SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	8.74	10.09	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.71	10.14	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.74	10.20	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.78	10.33	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.76	10.31	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.71	10.19	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.68	10.14	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.74	10.35	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.76	10.14	/	Pass

3.1.2 30k_SISO_20MHz_NTNV

5G NR n77d SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	18.18	19.94	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	18.13	19.93	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	18.14	20.02	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	18.10	19.92	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	18.15	20.09	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.45	20.49	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.45	20.50	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.43	20.28	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.41	20.31	/	Pass

3.1.3 30k_SISO_30MHz_NTNV

5G NR n77d SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	27.14	29.36	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	27.17	29.44	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	27.13	29.43	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	27.13	29.34	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	27.06	29.39	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	28.18	30.48	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	28.14	30.55	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	28.08	30.57	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	28.14	30.57	/	Pass

3.1.4 30k_SISO_40MHz_NTNV

5G NR n77d SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	36.12	38.84	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.11	39.00	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.12	38.77	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.15	39.22	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.17	39.20	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.13	41.10	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.25	41.08	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.20	41.04	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.15	41.04	/	Pass

3.1.5 30k_SISO_50MHz_NTNV

5G NR n77d SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	46.17	49.40	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	46.13	49.36	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	46.18	49.51	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.19	49.70	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.15	49.37	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.92	51.21	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.93	51.23	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.84	51.17	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.85	51.25	/	Pass

3.1.6 30k_SISO_60MHz_NTNV

5G NR n77d SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	58.41	62.24	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.26	62.42	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.37	62.44	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.43	62.20	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.38	62.33	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.31	62.39	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.31	62.28	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.30	62.38	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.35	62.17	/	Pass

3.1.7 30k_SISO_70MHz_NTNV

5G NR n77d SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	65.01	69.37	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.99	69.50	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.81	69.66	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	65.01	69.83	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.97	69.66	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.01	72.72	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	68.11	72.81	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	68.20	72.75	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	68.12	72.70	/	Pass

3.1.8 30k_SISO_80MHz_NTNV

5G NR n77d SCS=30kHz SISO 80MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	77.75	82.96	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.82	82.88	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.69	82.90	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.53	82.89	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.90	82.68	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	78.15	83.23	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	78.06	82.95	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	78.18	83.15	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	78.01	83.23	/	Pass

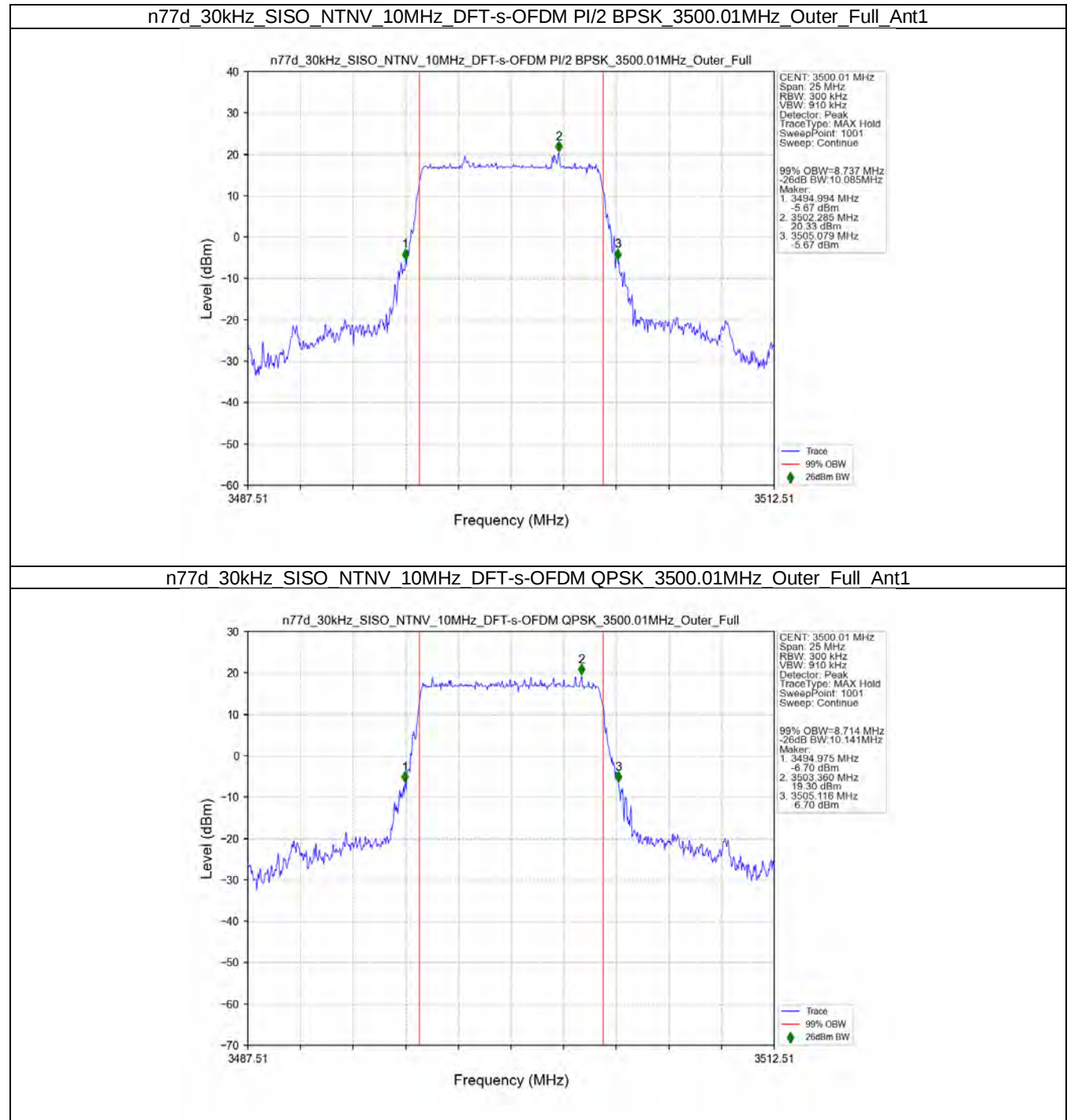
3.1.9 30k_SISO_90MHz_NTNV

5G NR n77d SCS=30kHz SISO 90MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.44	93.11	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.63	93.01	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.21	92.98	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.09	93.16	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.57	93.18	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	88.04	93.67	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	88.04	93.82	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.86	93.68	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	88.17	93.82	/	Pass

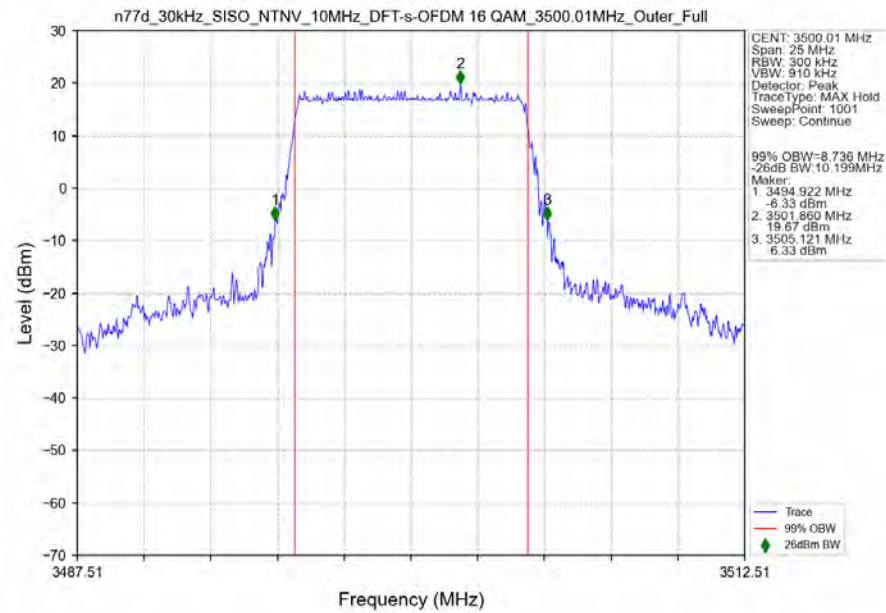
3.1.10 30k_SISO_100MHz_NTNV

5G NR n77d SCS=30kHz SISO 100MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.23	103.42	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.11	103.63	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.36	103.55	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.77	103.08	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	97.07	103.43	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.42	104.70	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.22	104.57	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.44	104.60	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	98.31	104.75	/	Pass

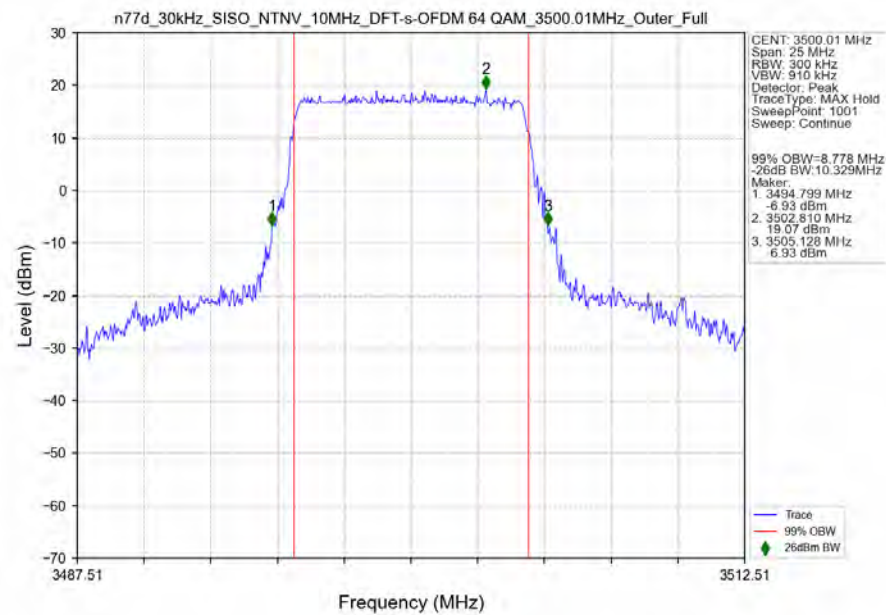
3.2.1 30k_SISO_10MHz_NTNV



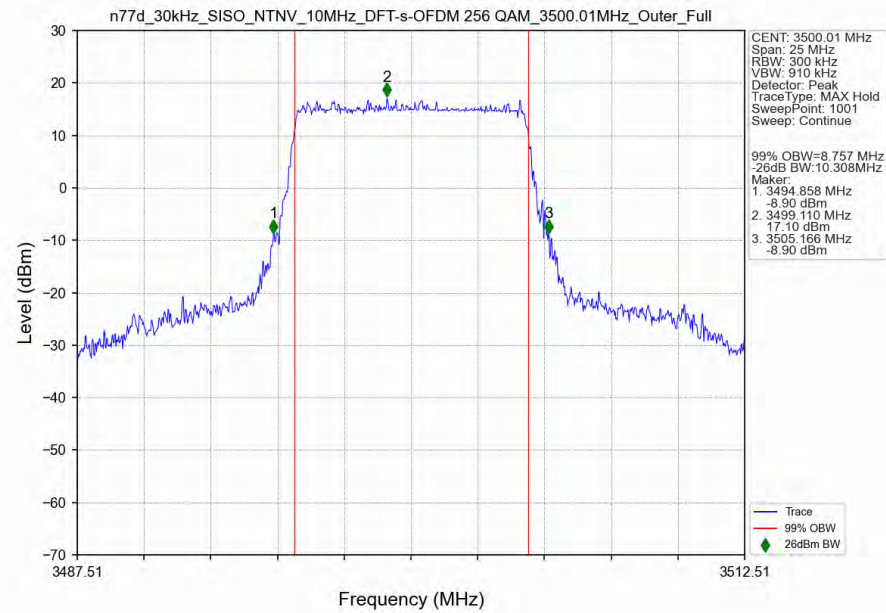
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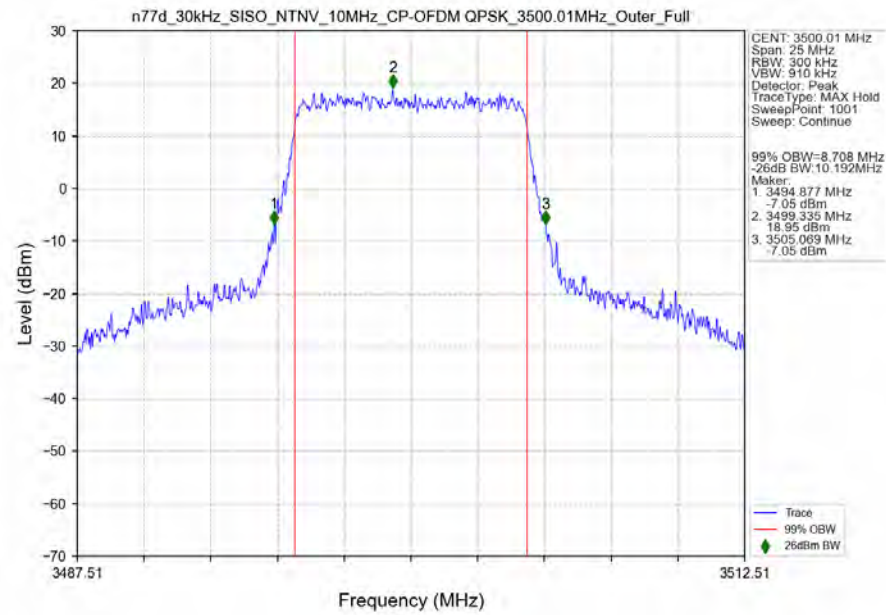
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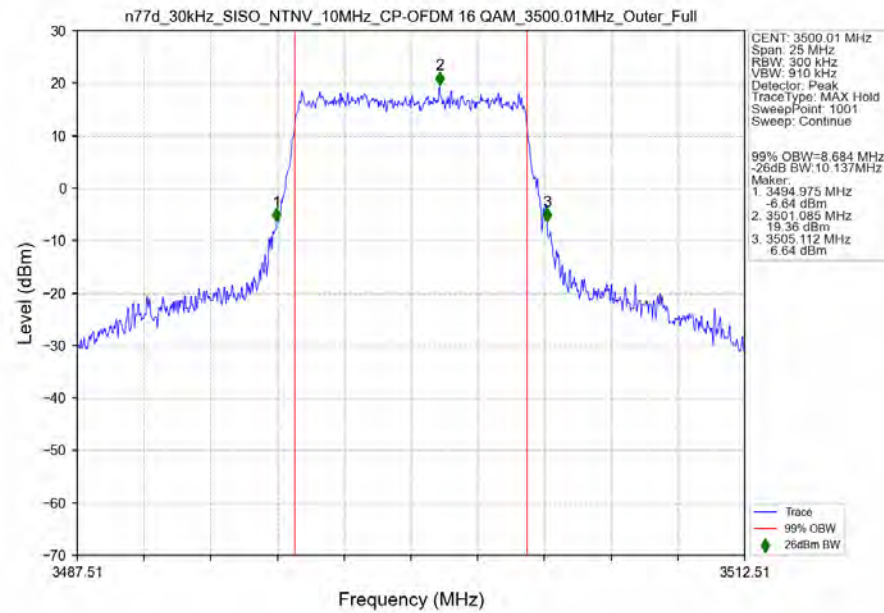
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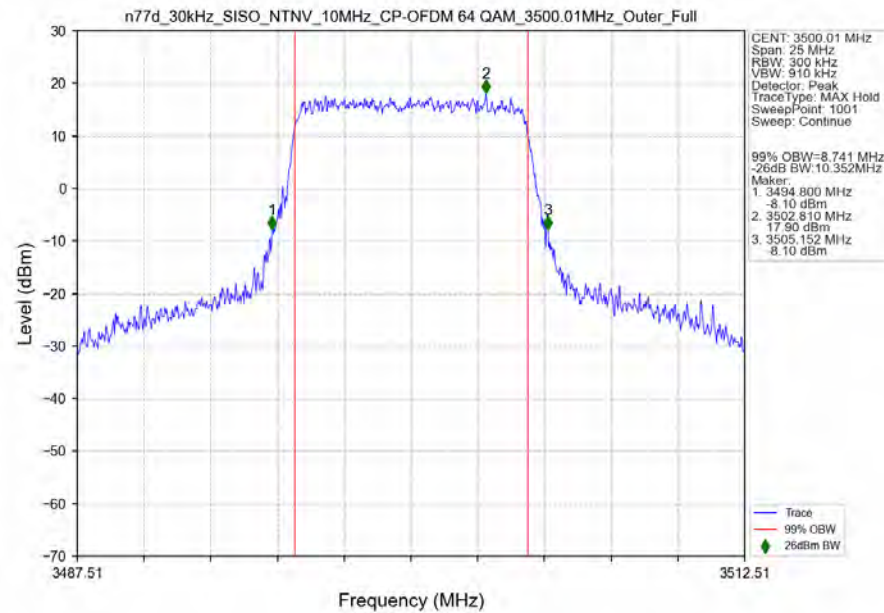
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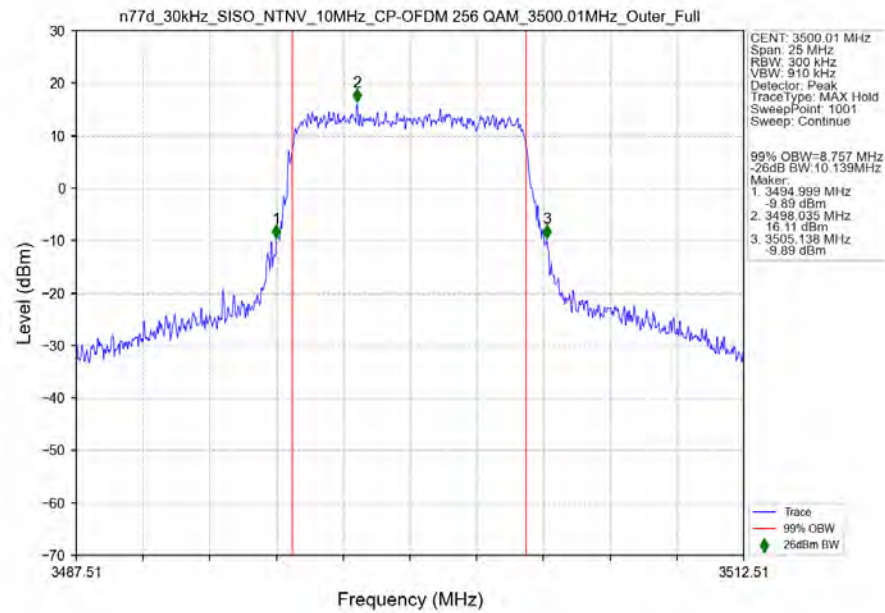
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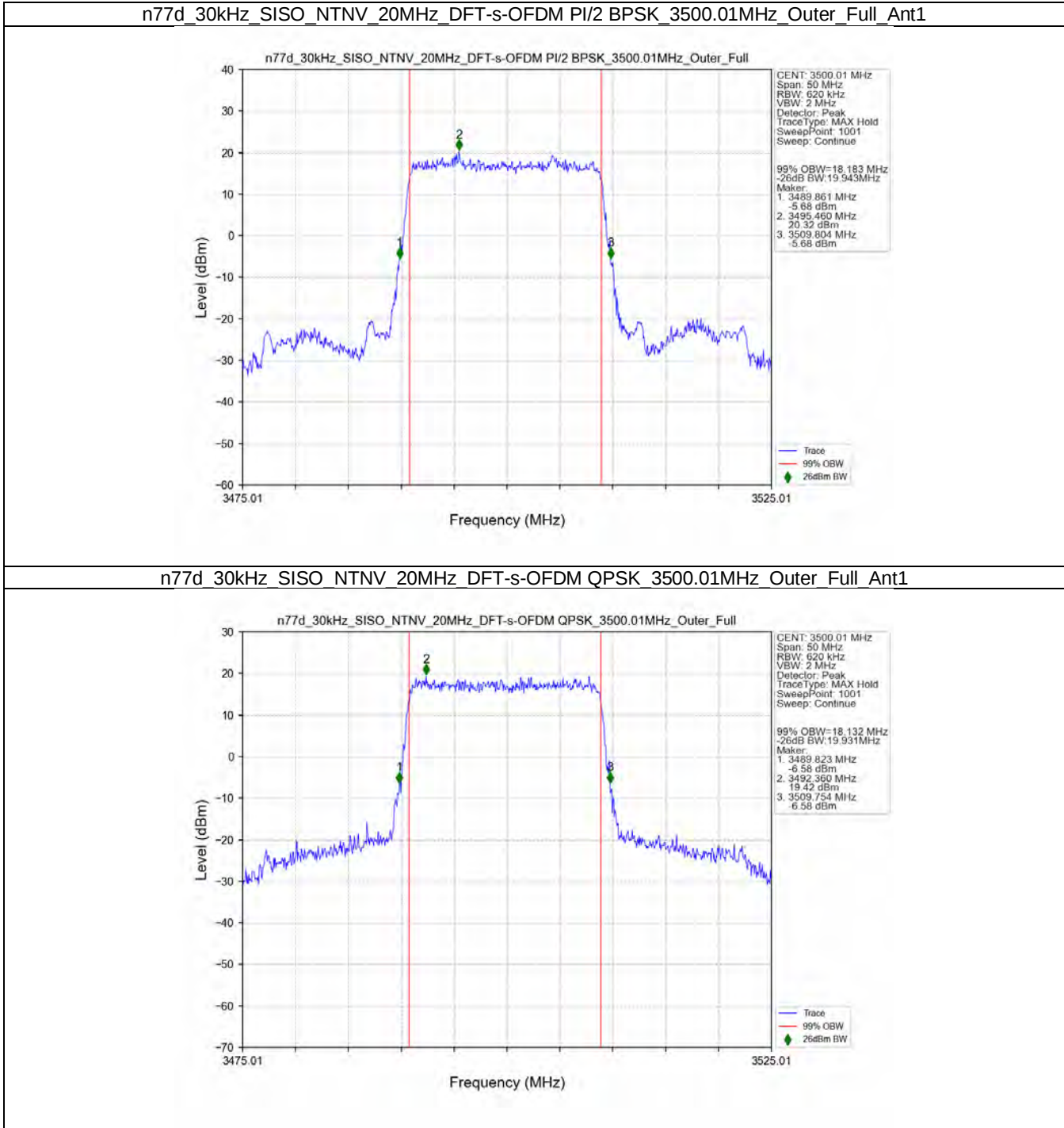
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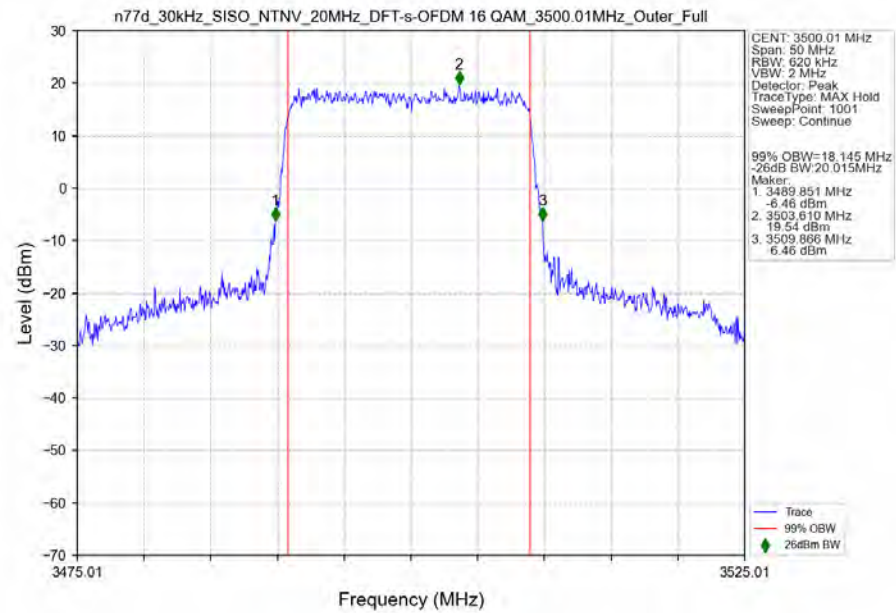
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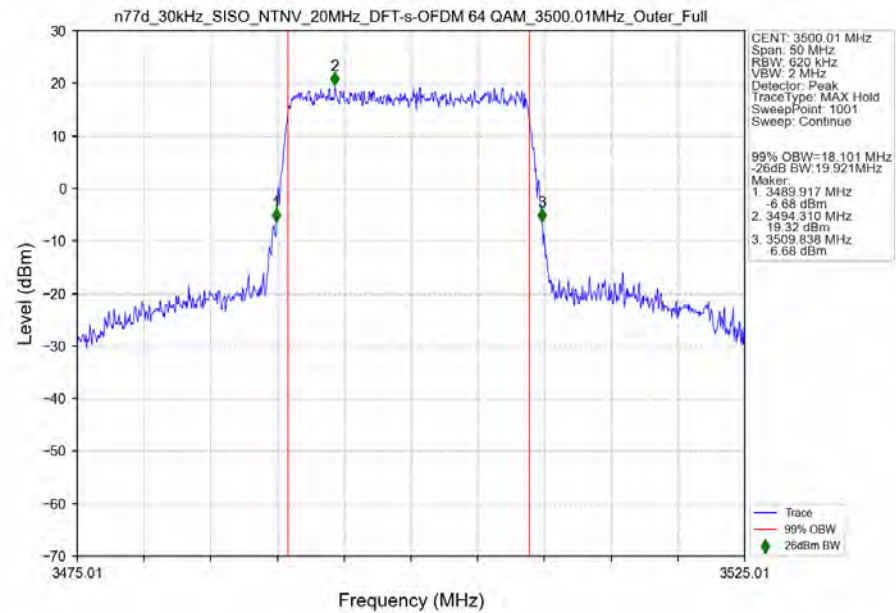
3.2.2 30k_SISO_20MHz_NTNV



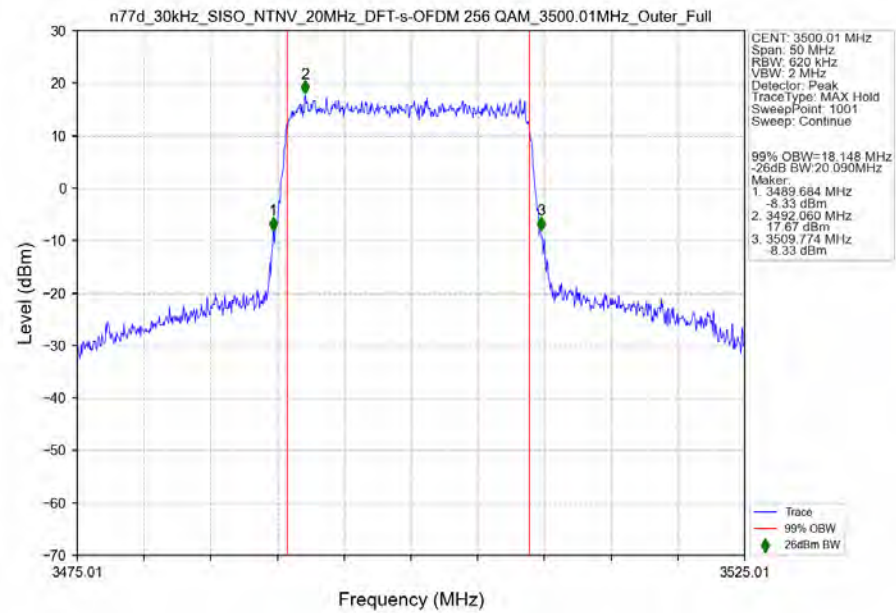
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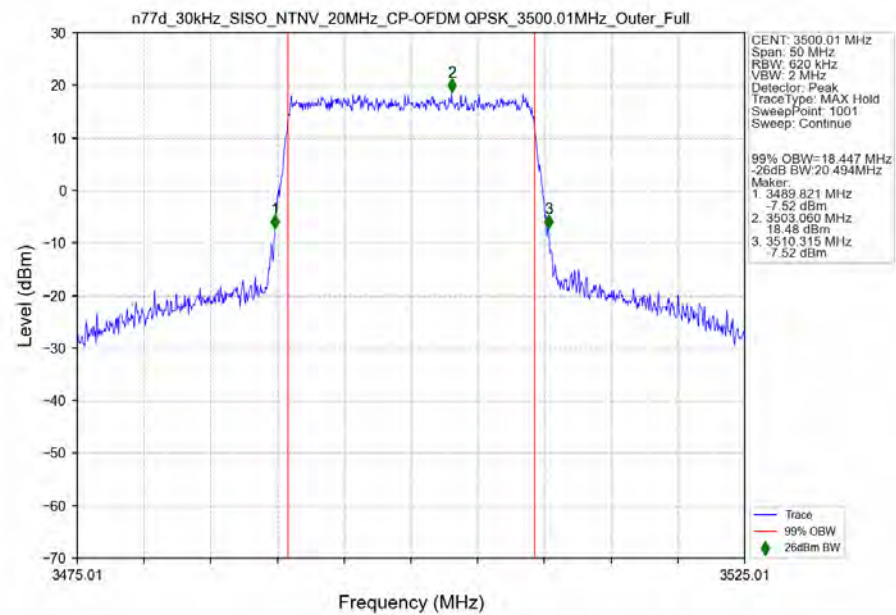
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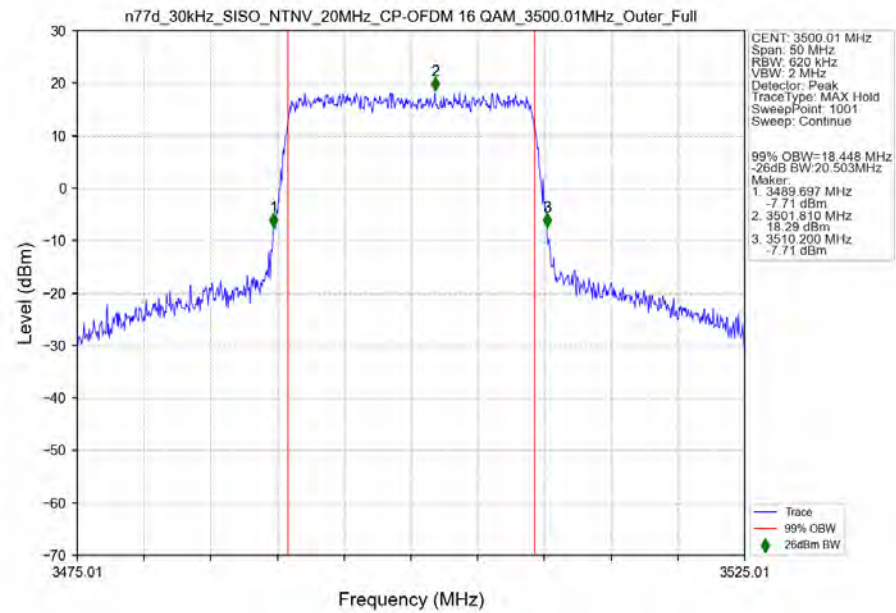
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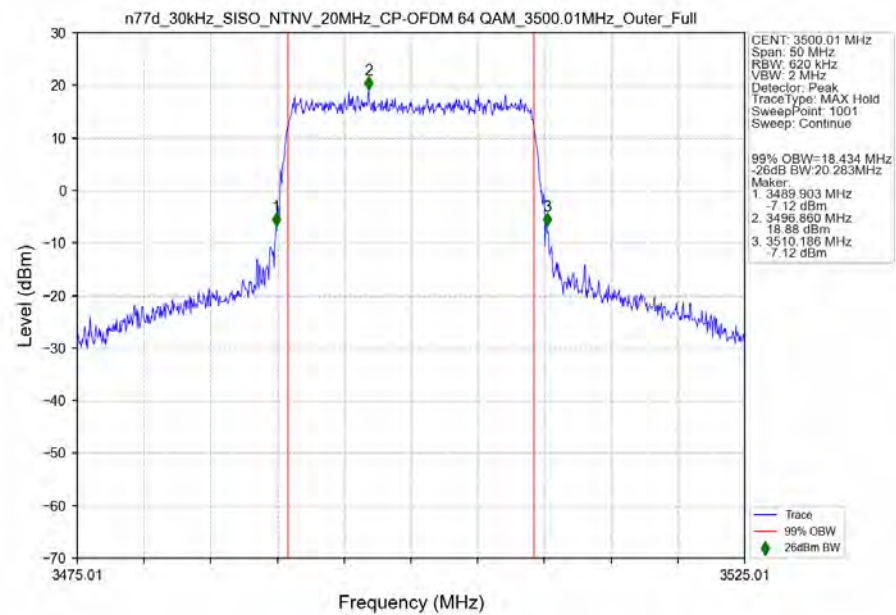
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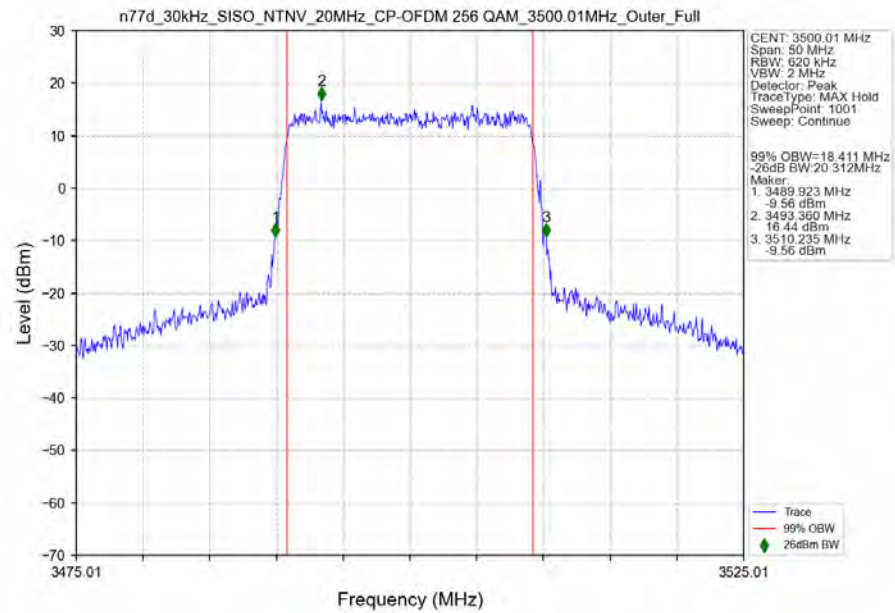
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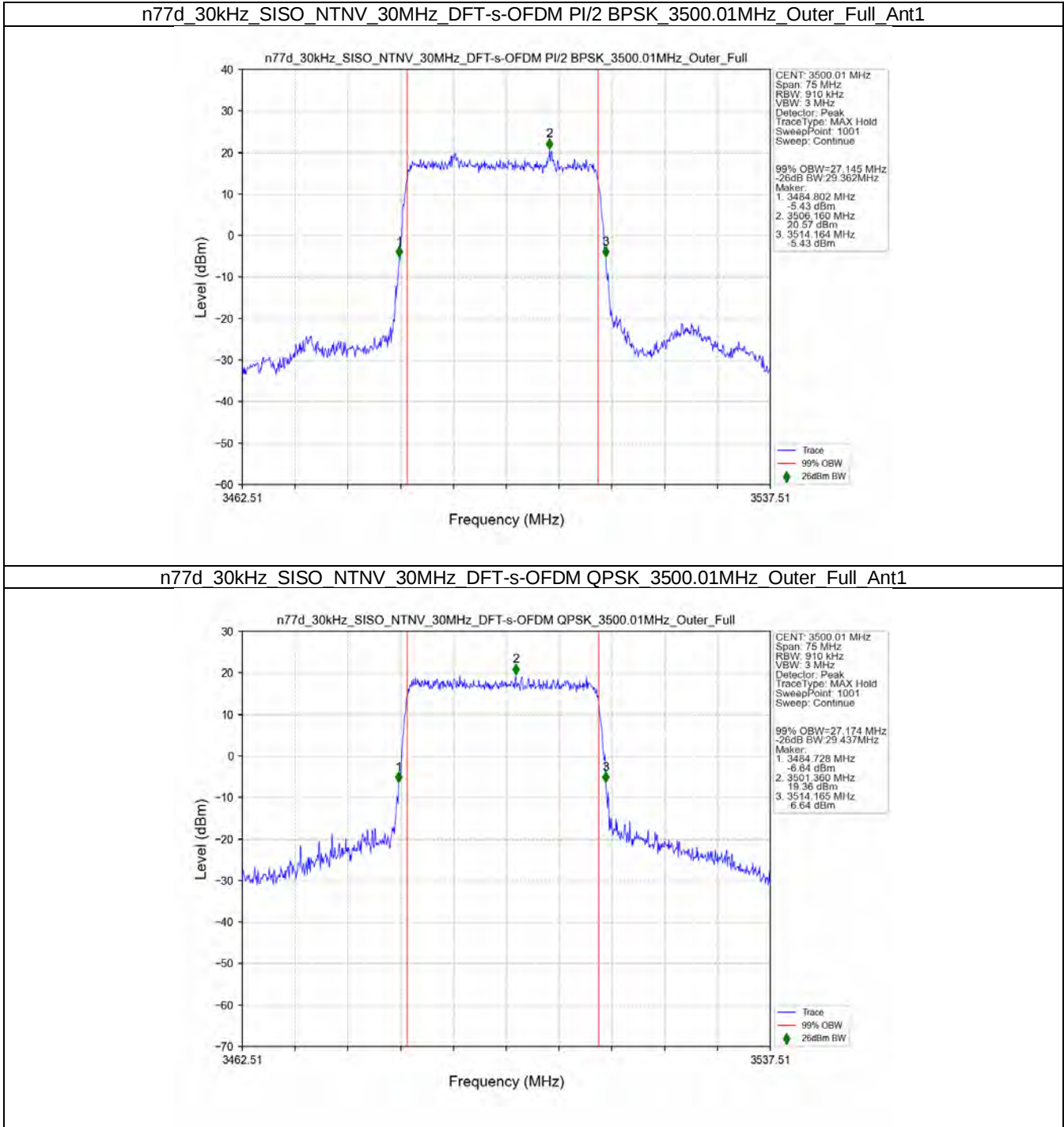
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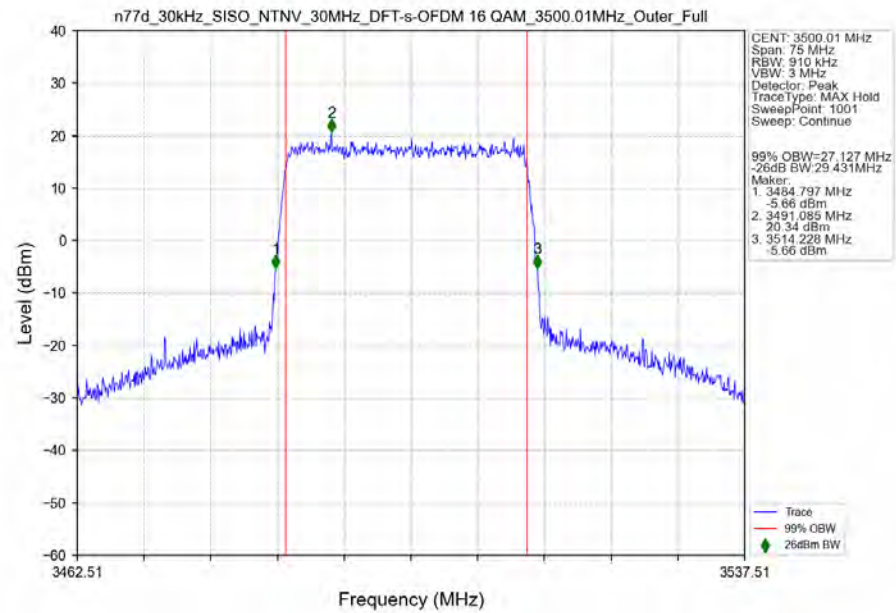
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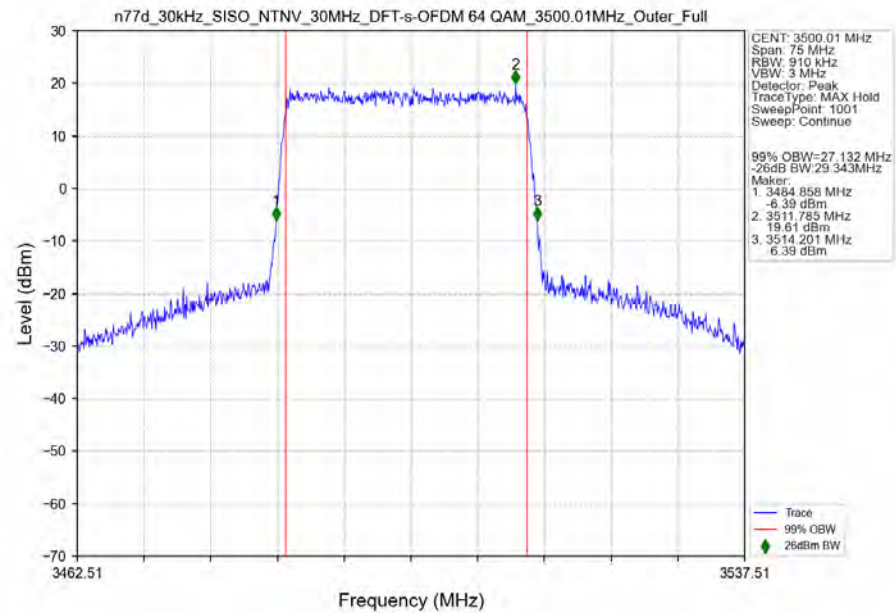
3.2.3 30k_SISO_30MHz_NTNV



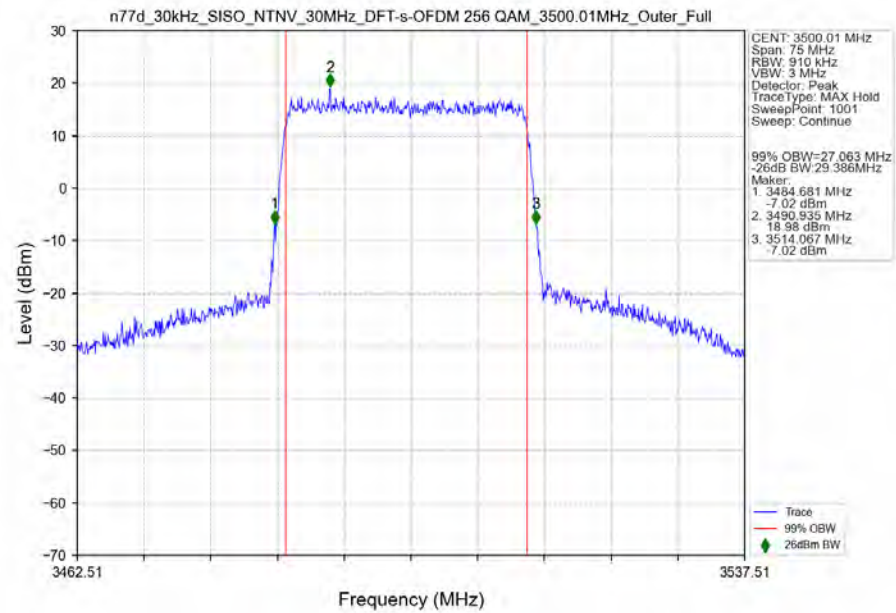
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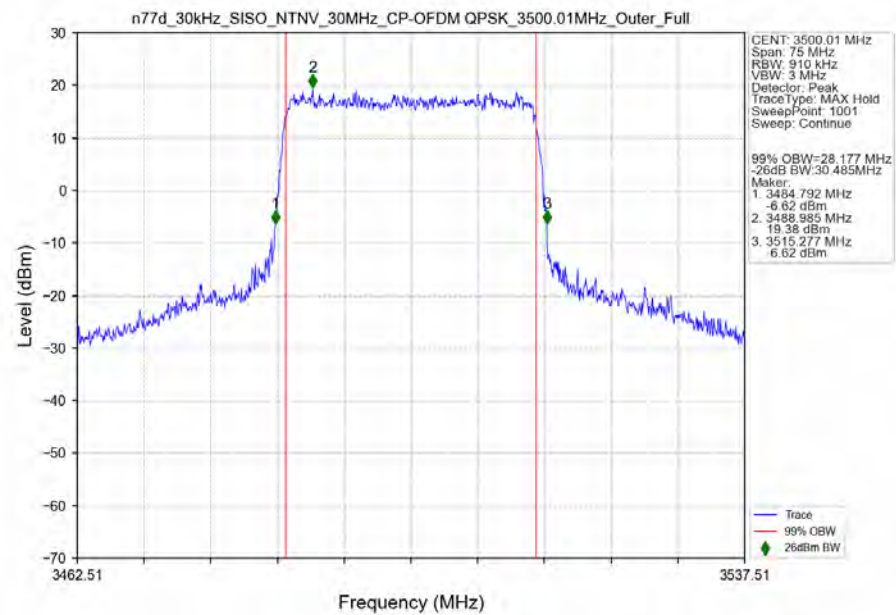
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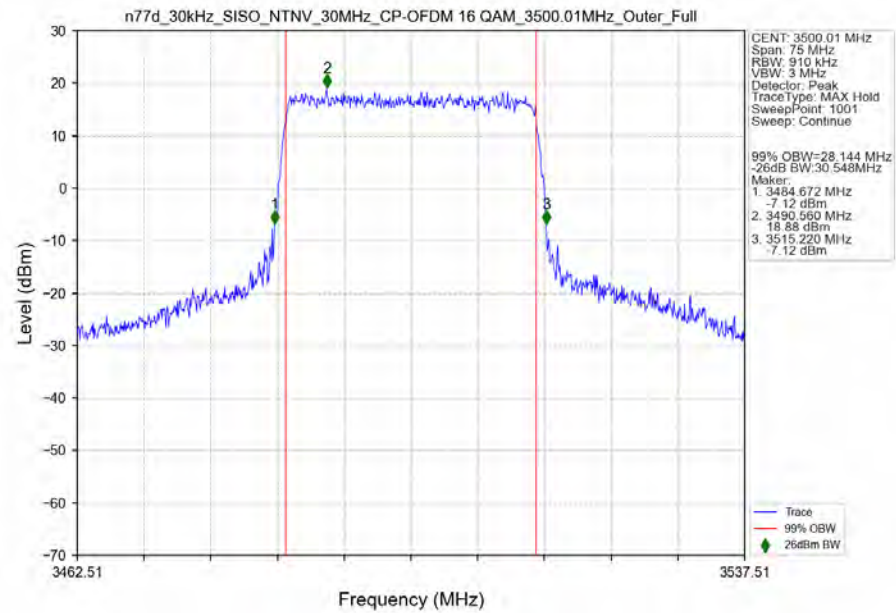
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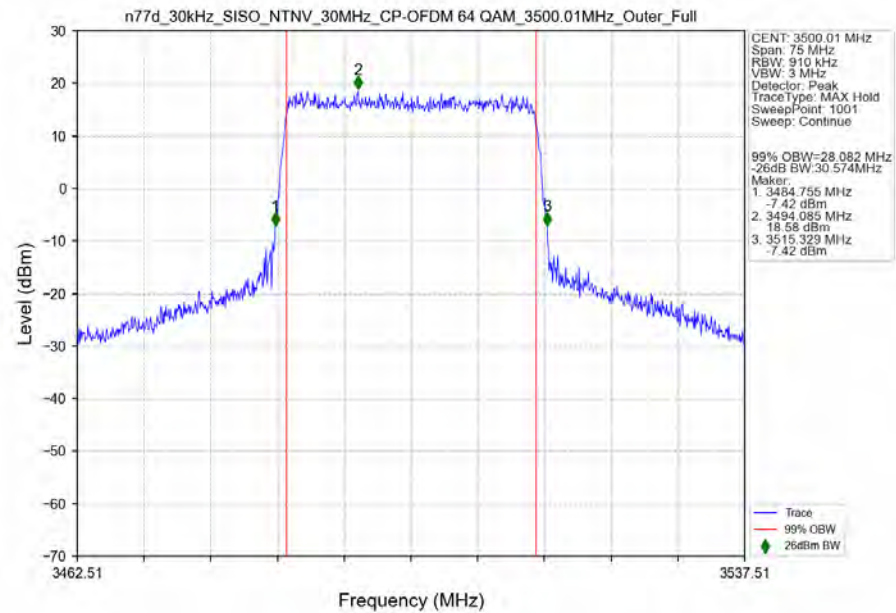
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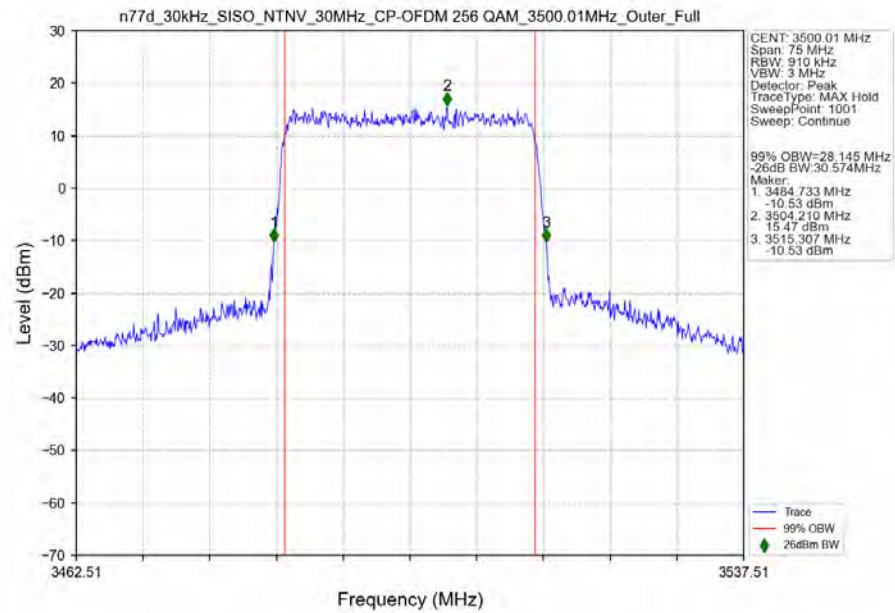
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n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1

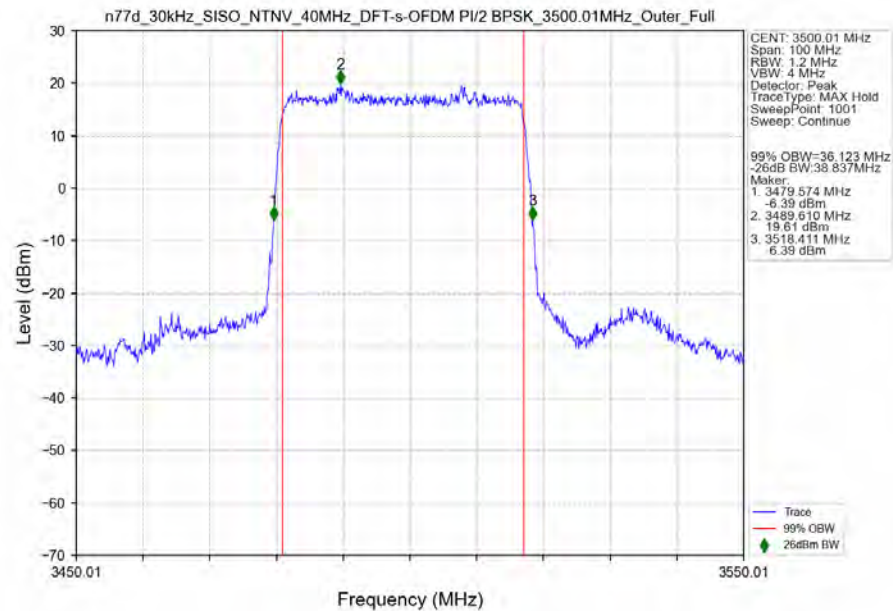


n77d 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

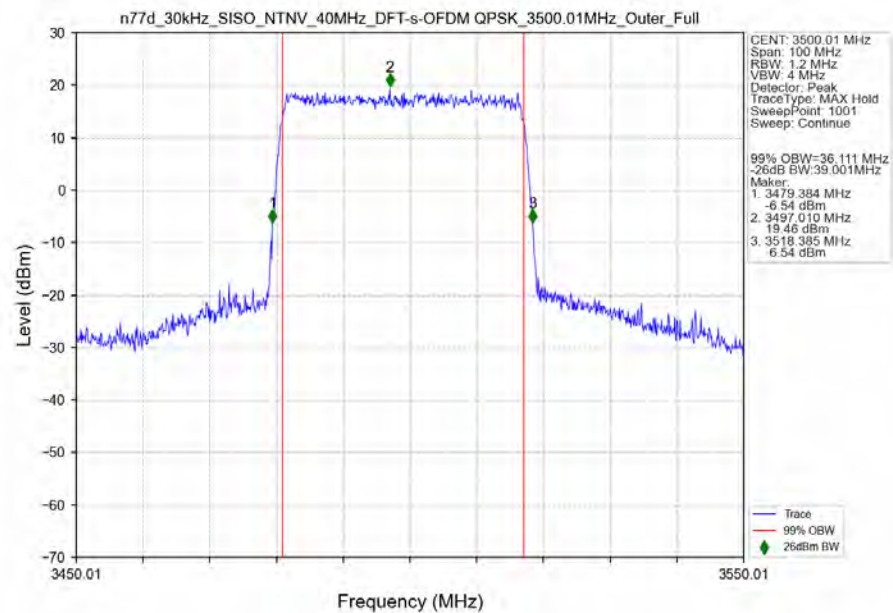


3.2.4 30k_SISO_40MHz_NTNV

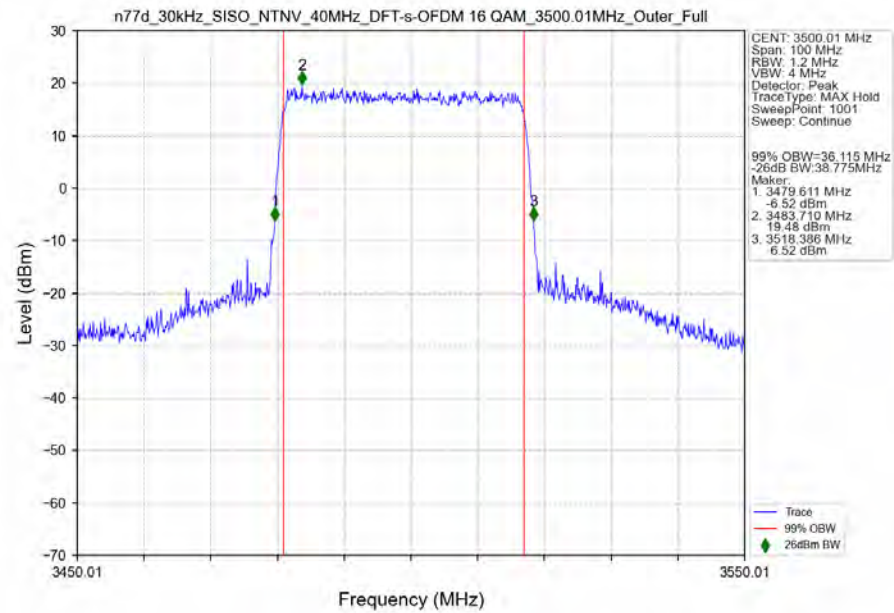
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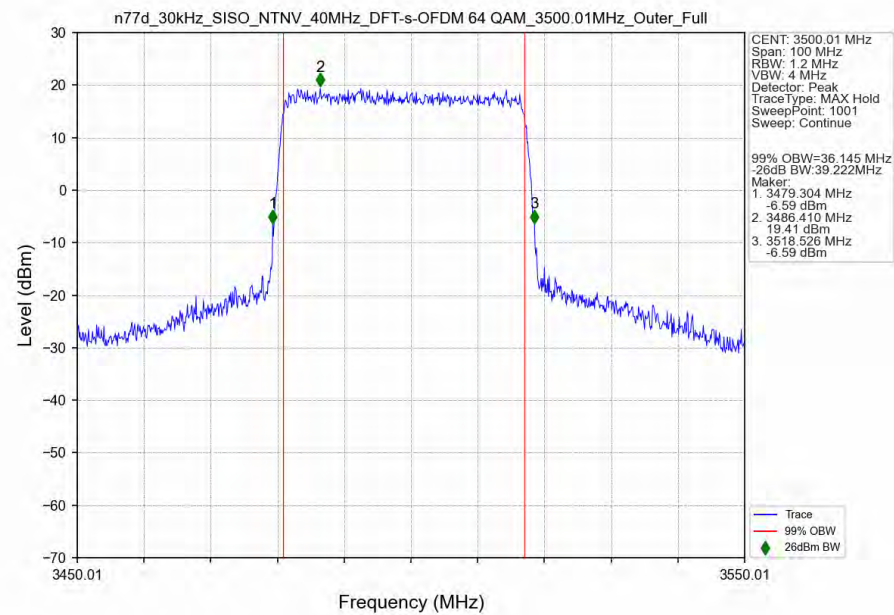
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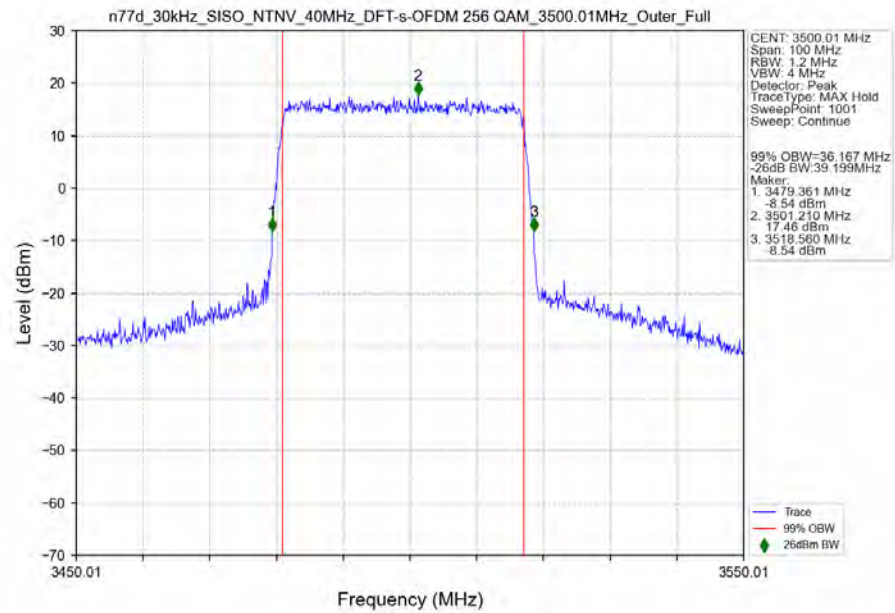
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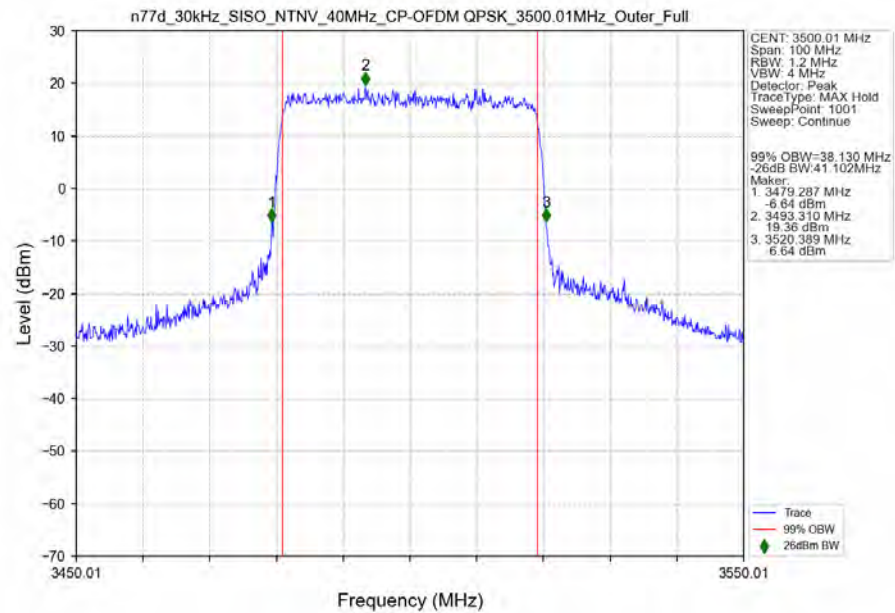
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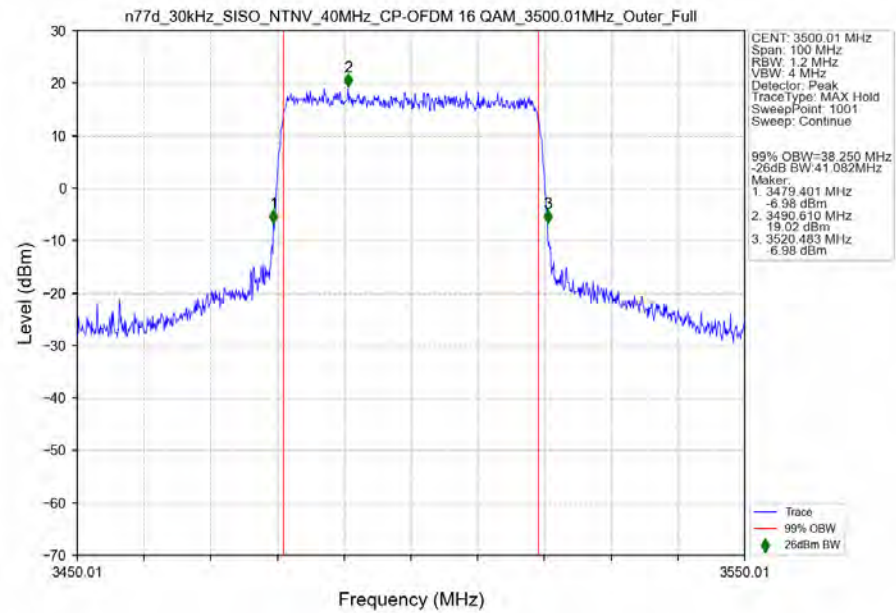
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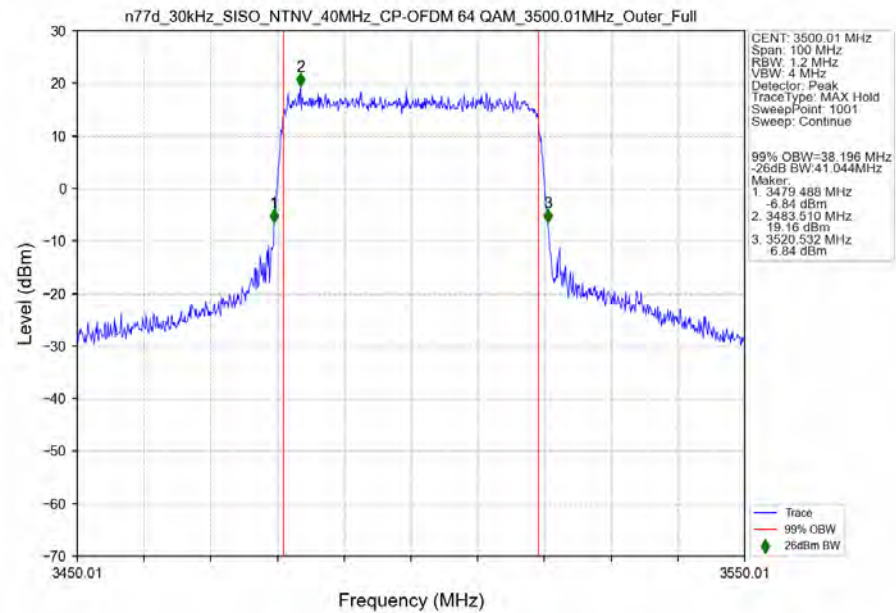
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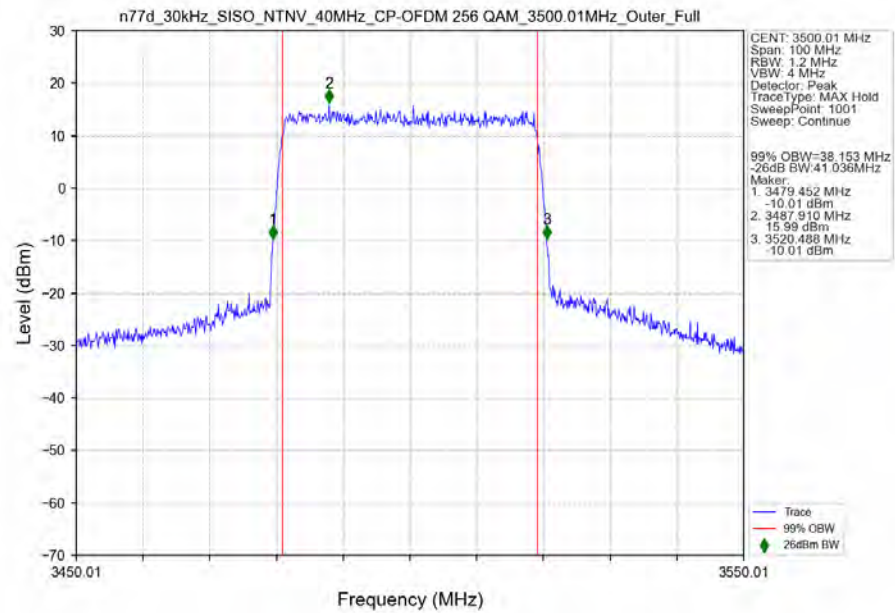
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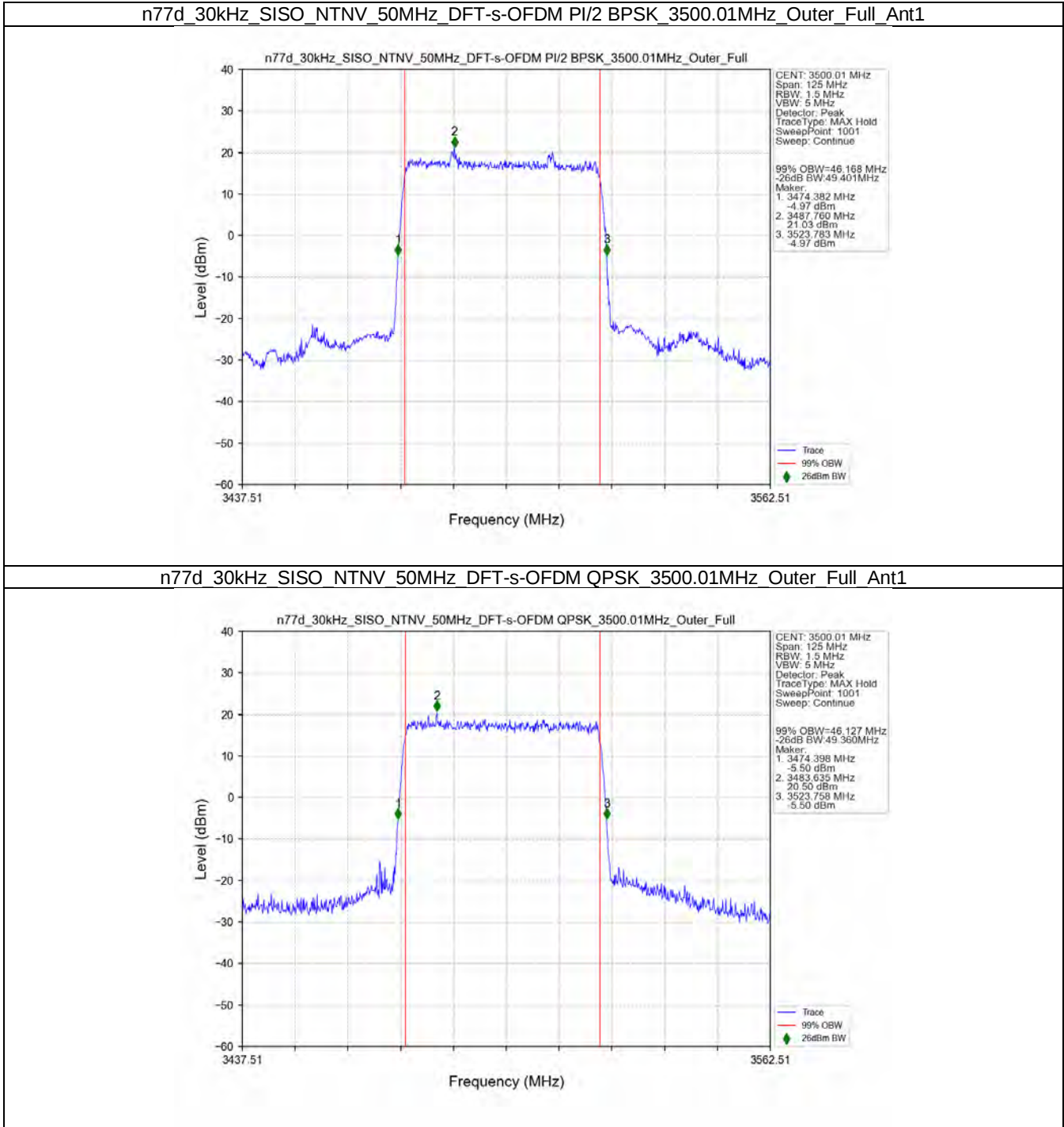
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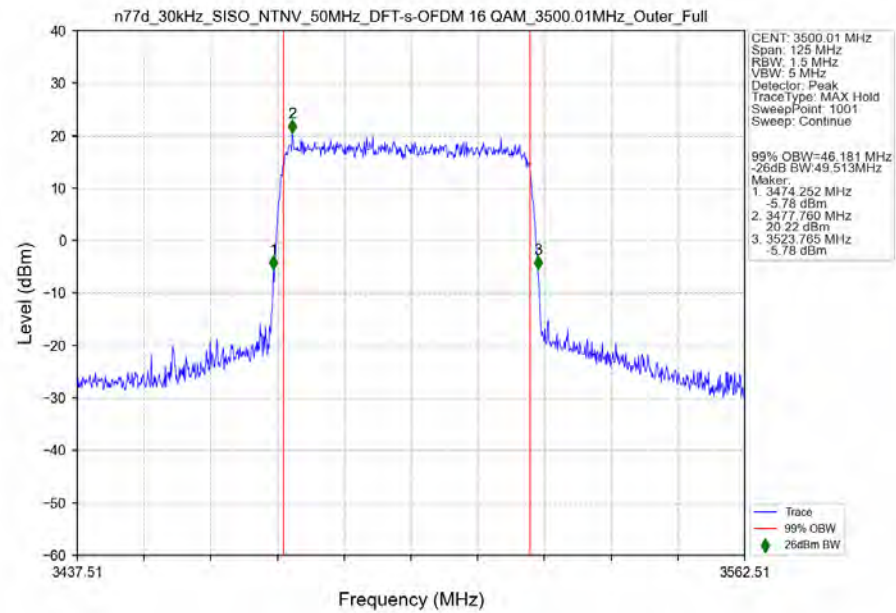
n77d 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



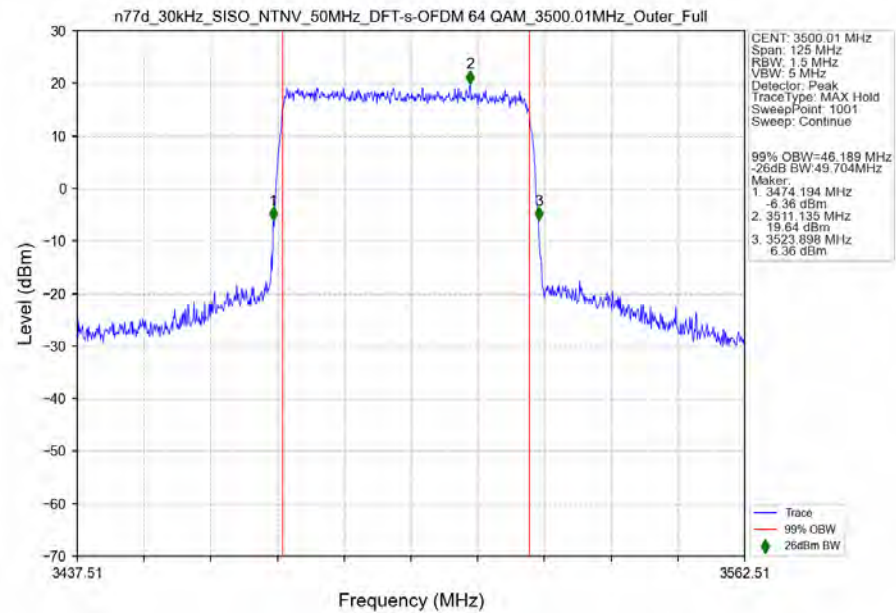
3.2.5 30k_SISO_50MHz_NTNV



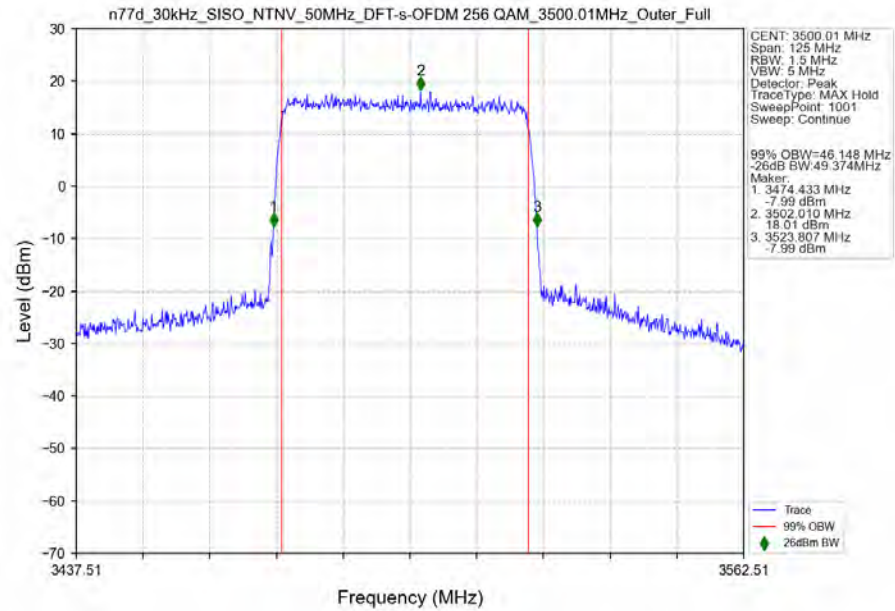
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



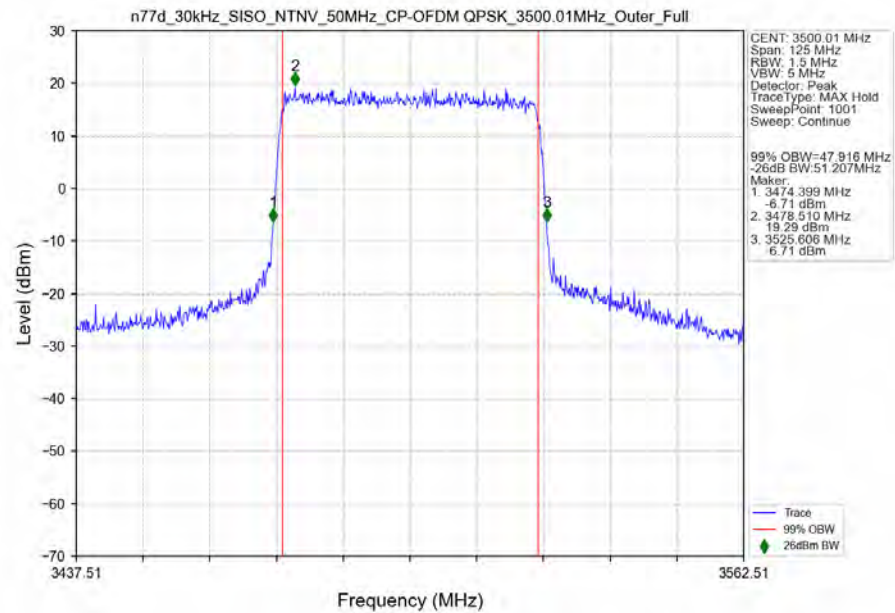
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



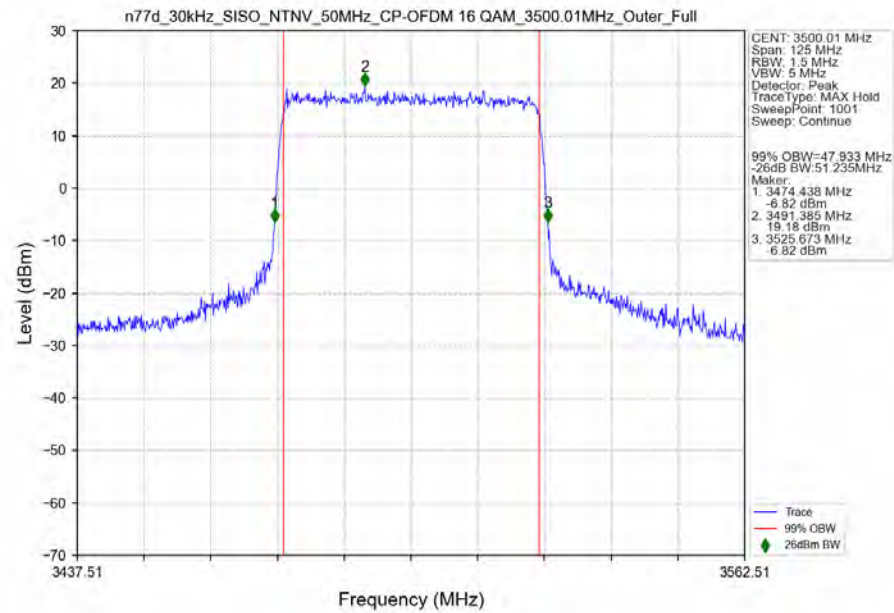
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



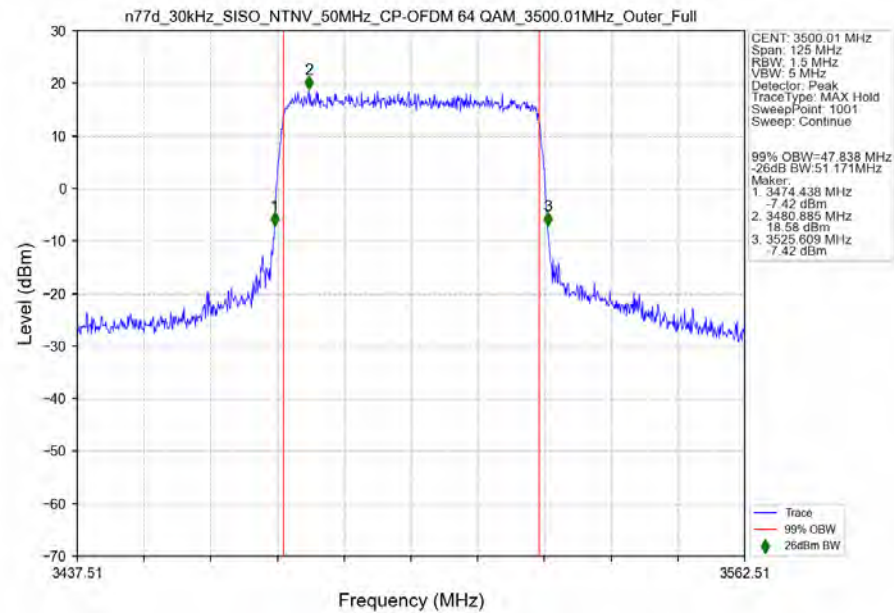
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



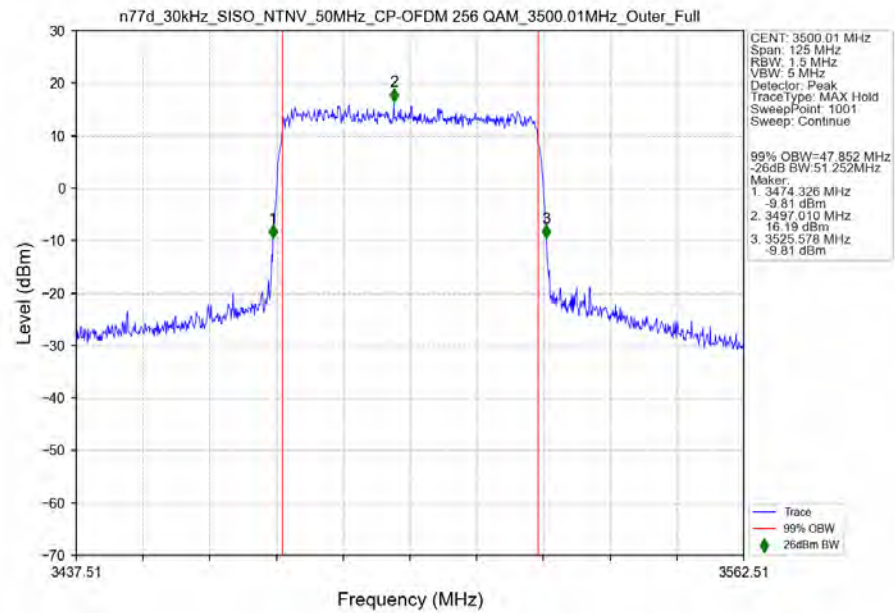
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



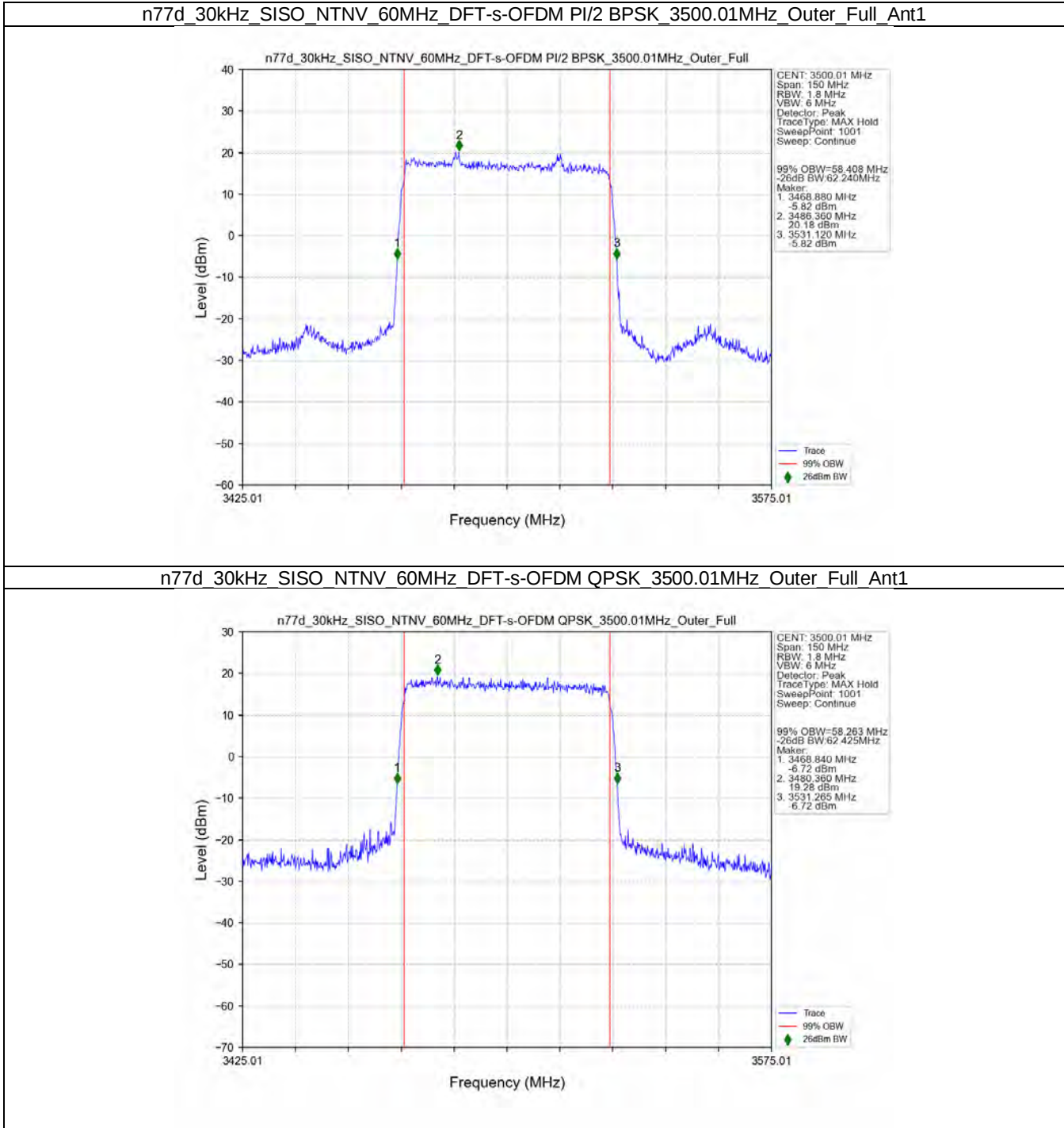
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



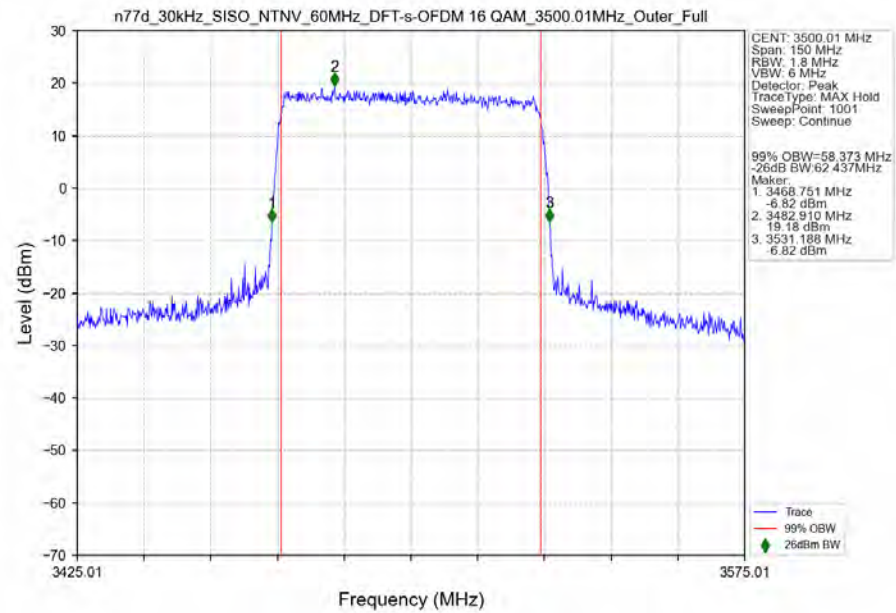
n77d 30kHz SISO NTN 50MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



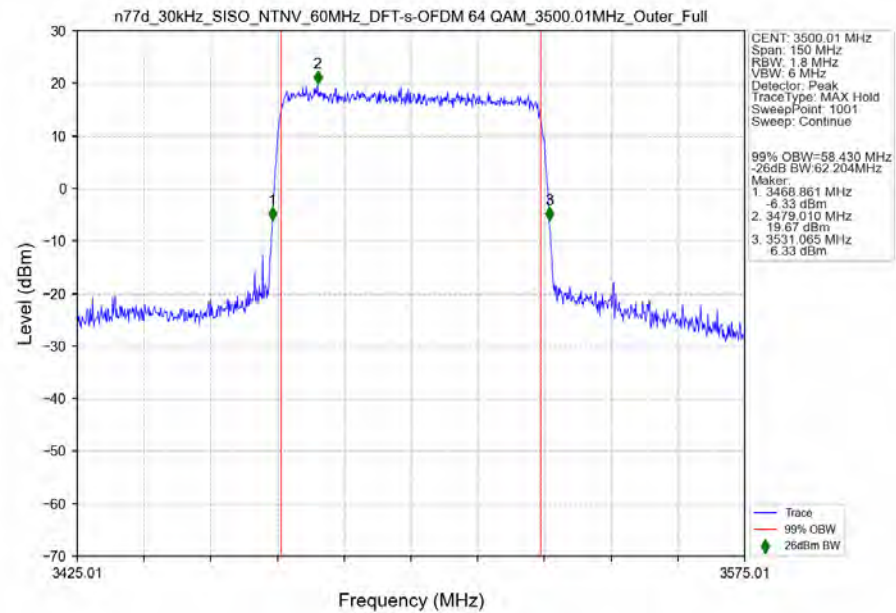
3.2.6 30k_SISO_60MHz_NTNV



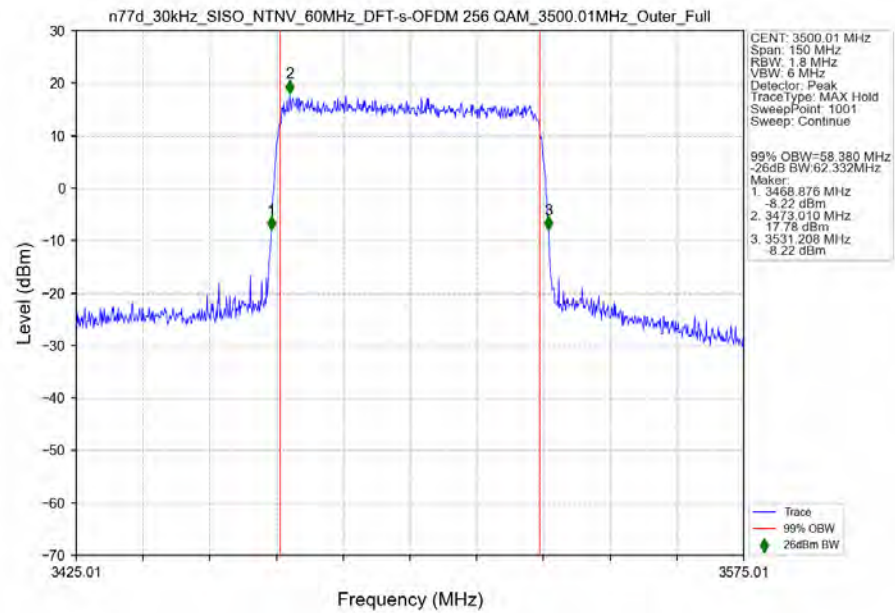
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



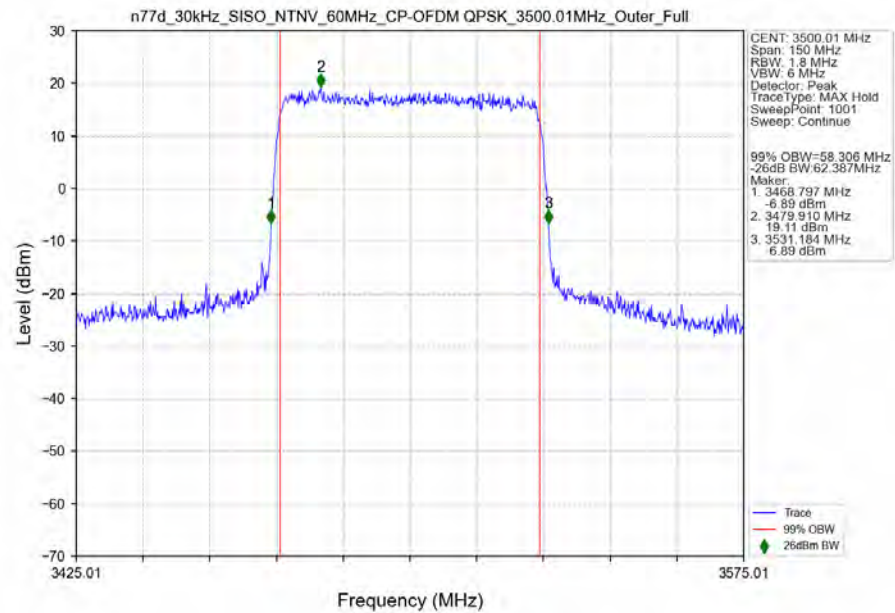
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



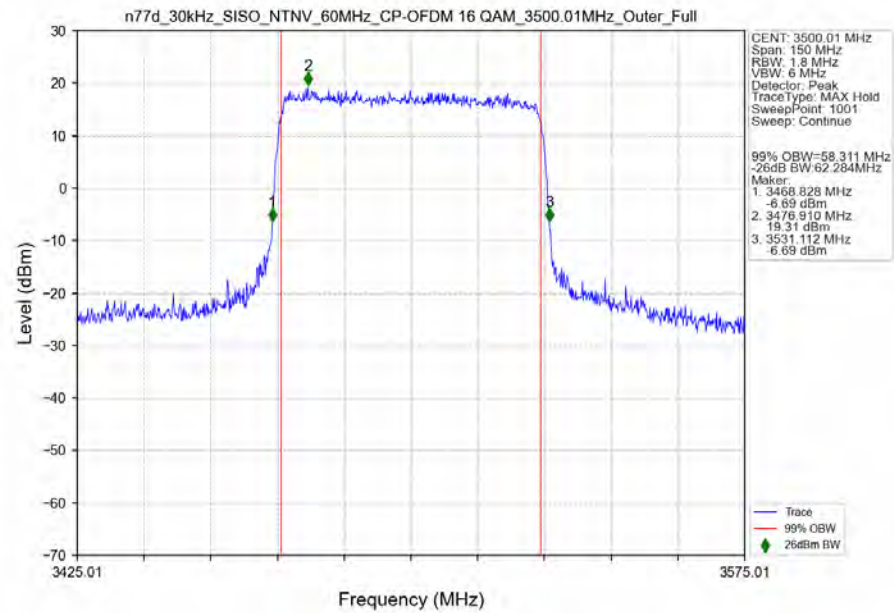
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



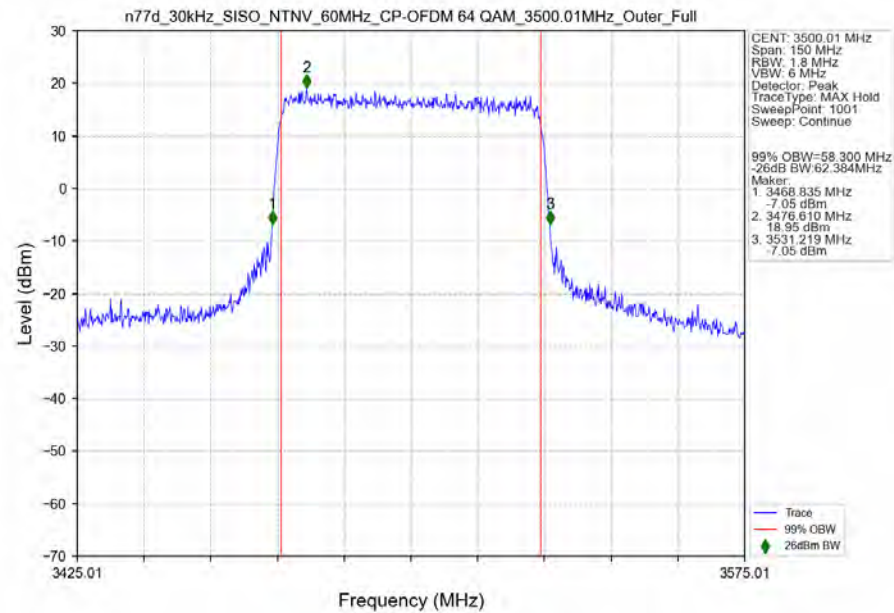
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



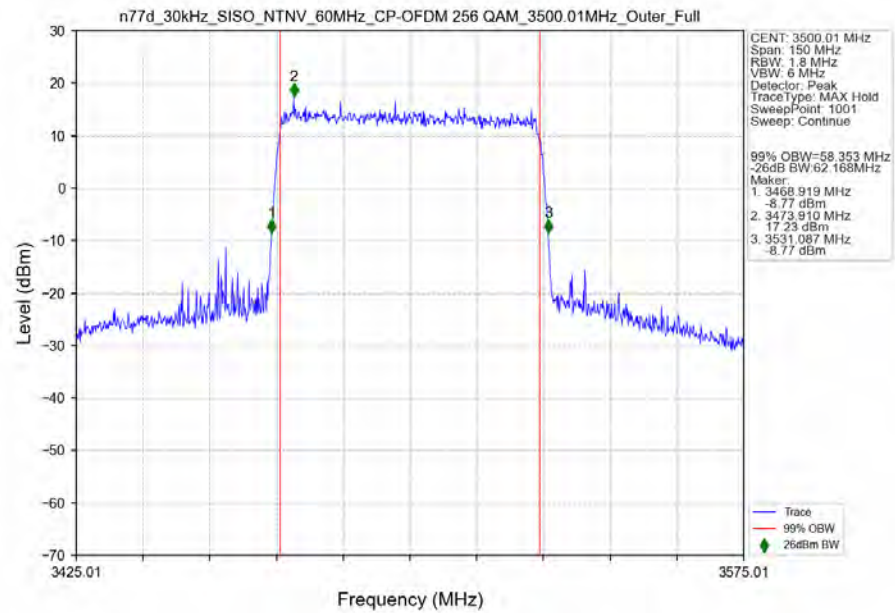
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



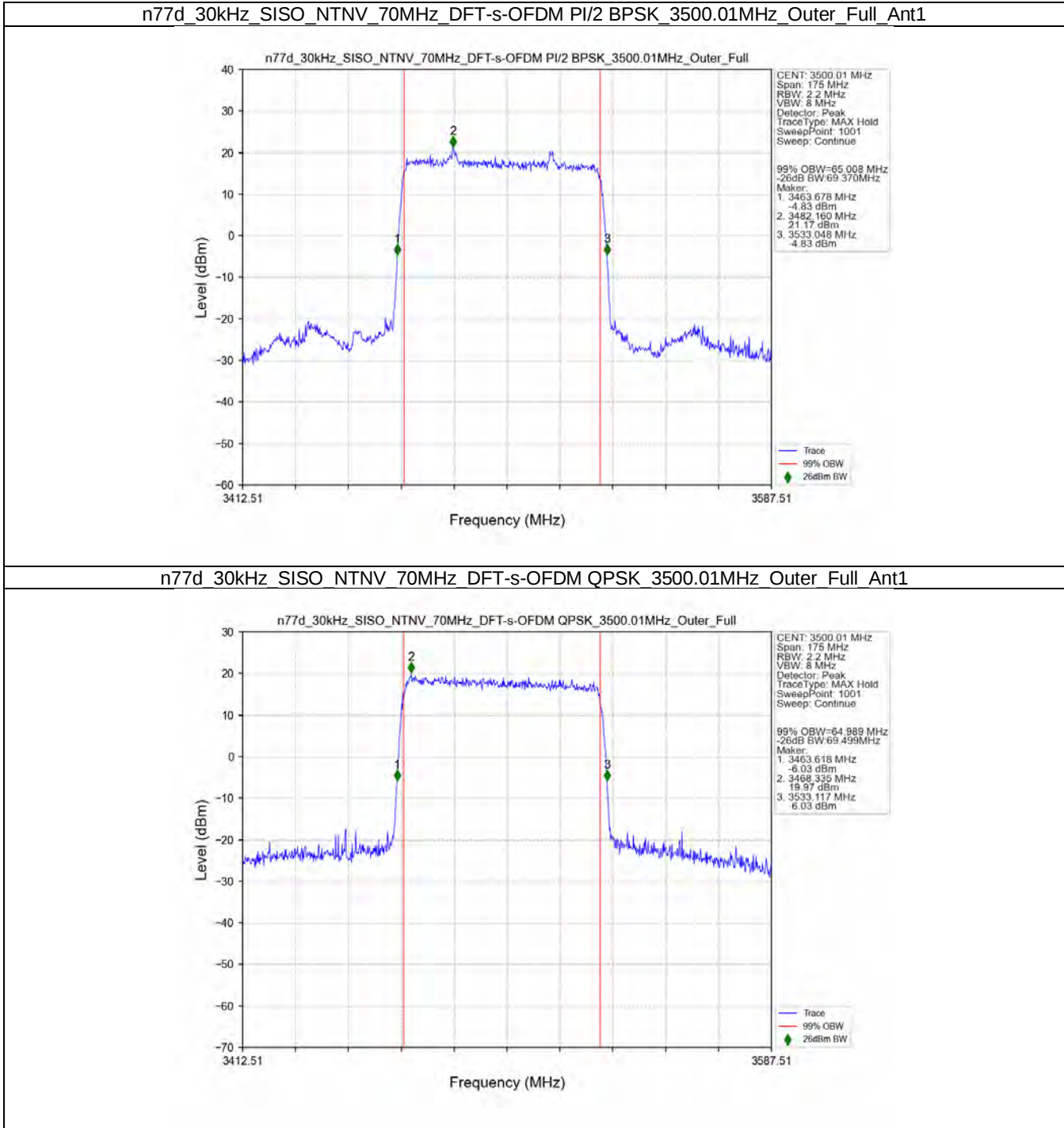
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



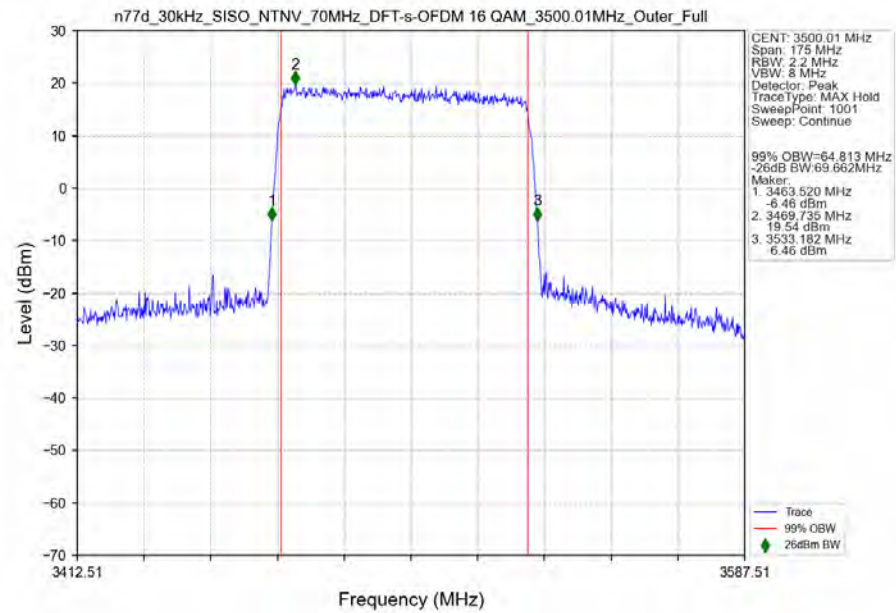
n77d 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



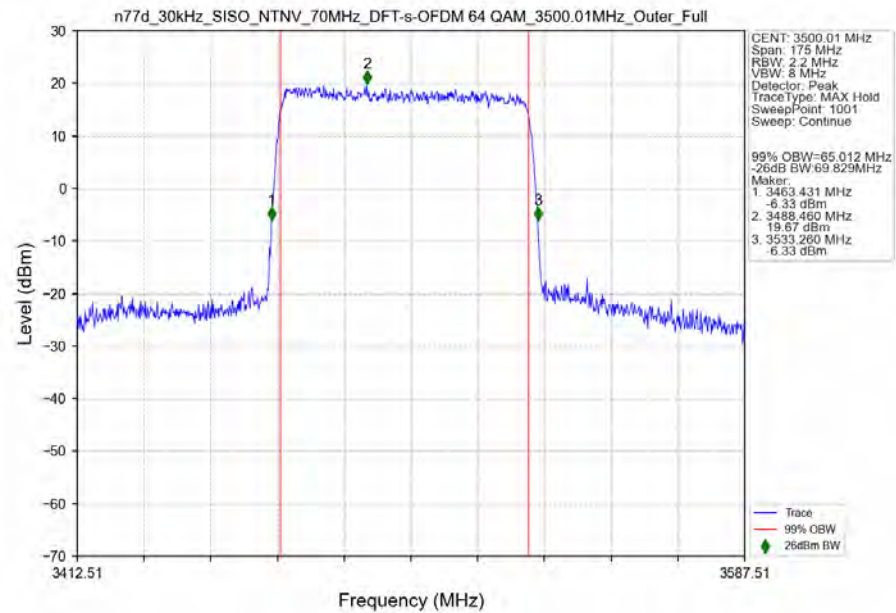
3.2.7 30k_SISO_70MHz_NTNV



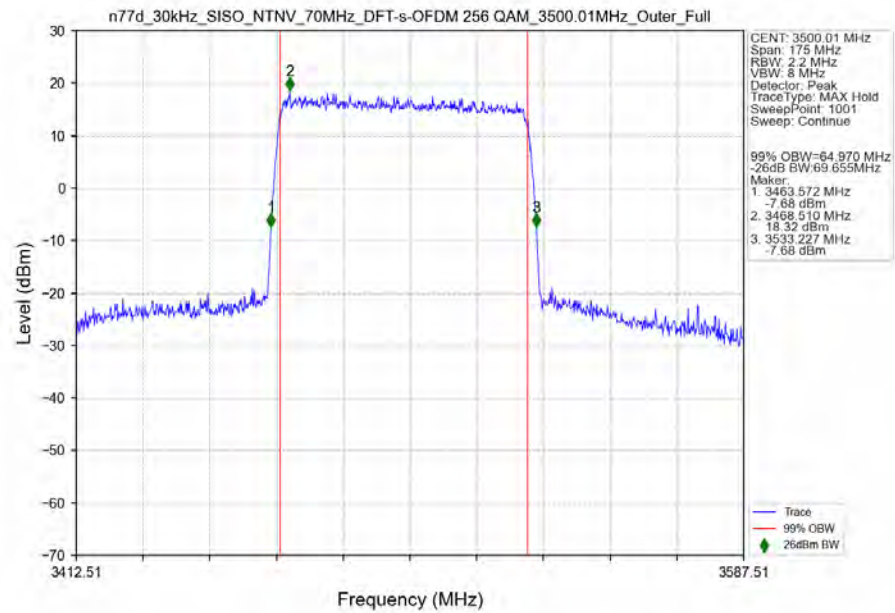
n77d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



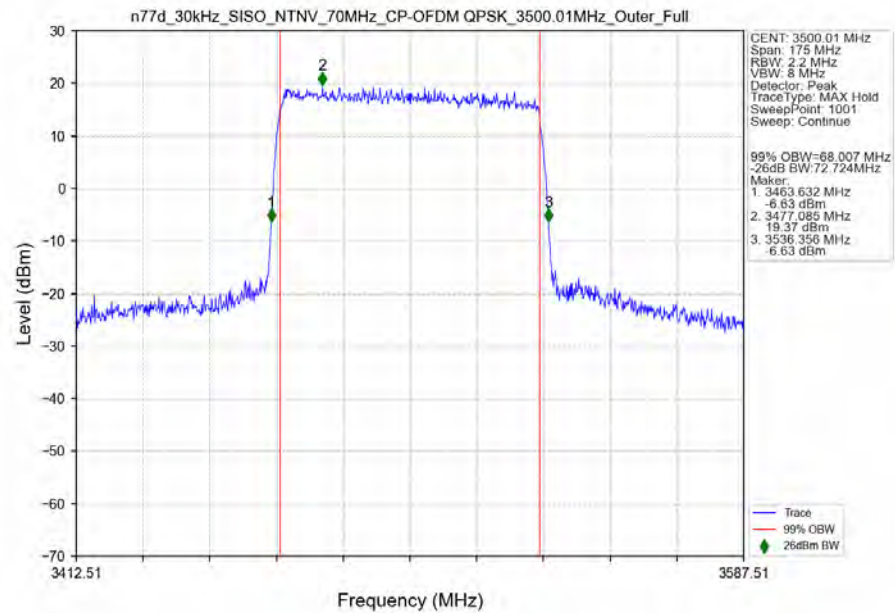
n77d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



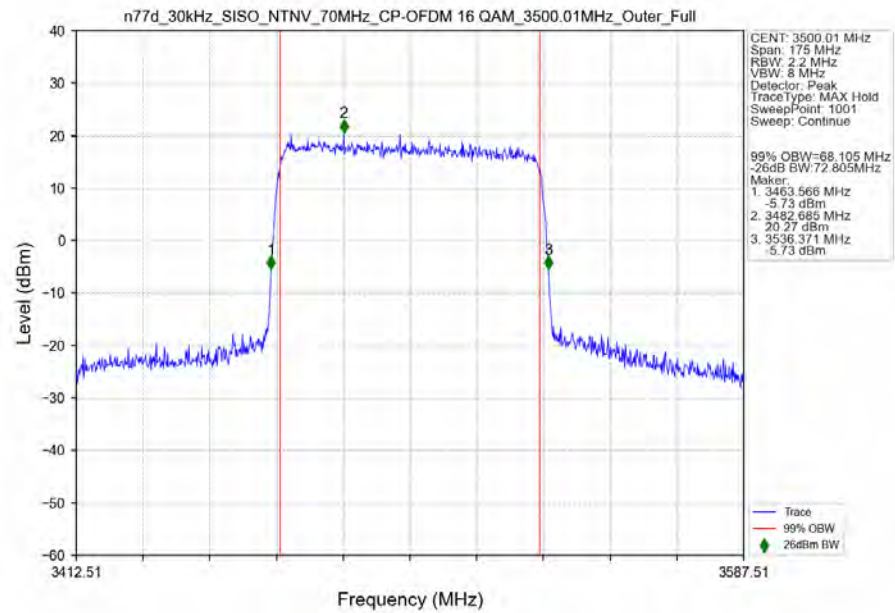
n77d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



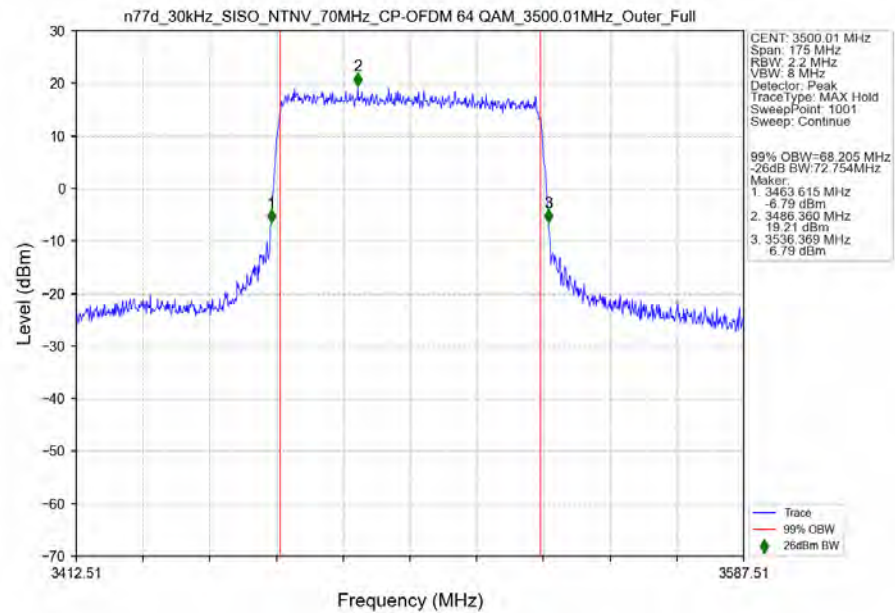
n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



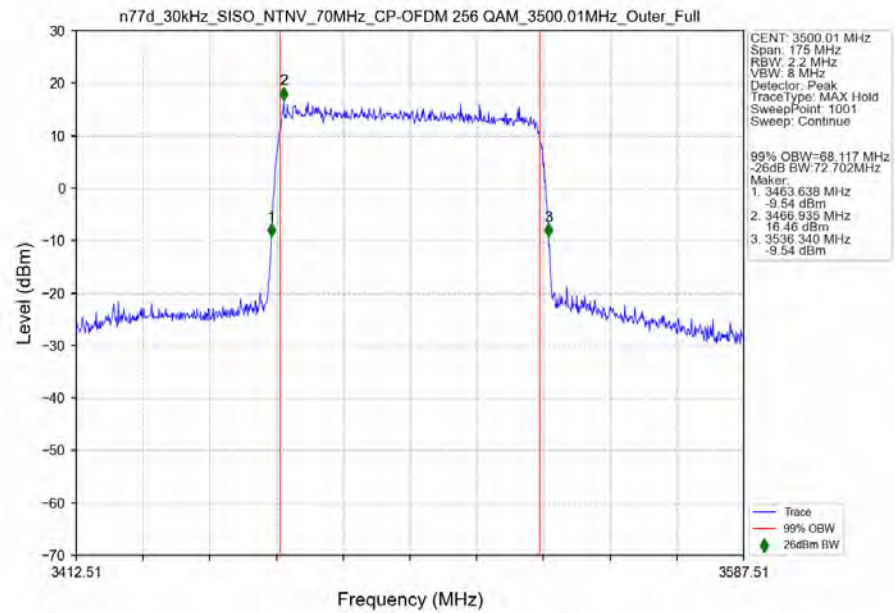
n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



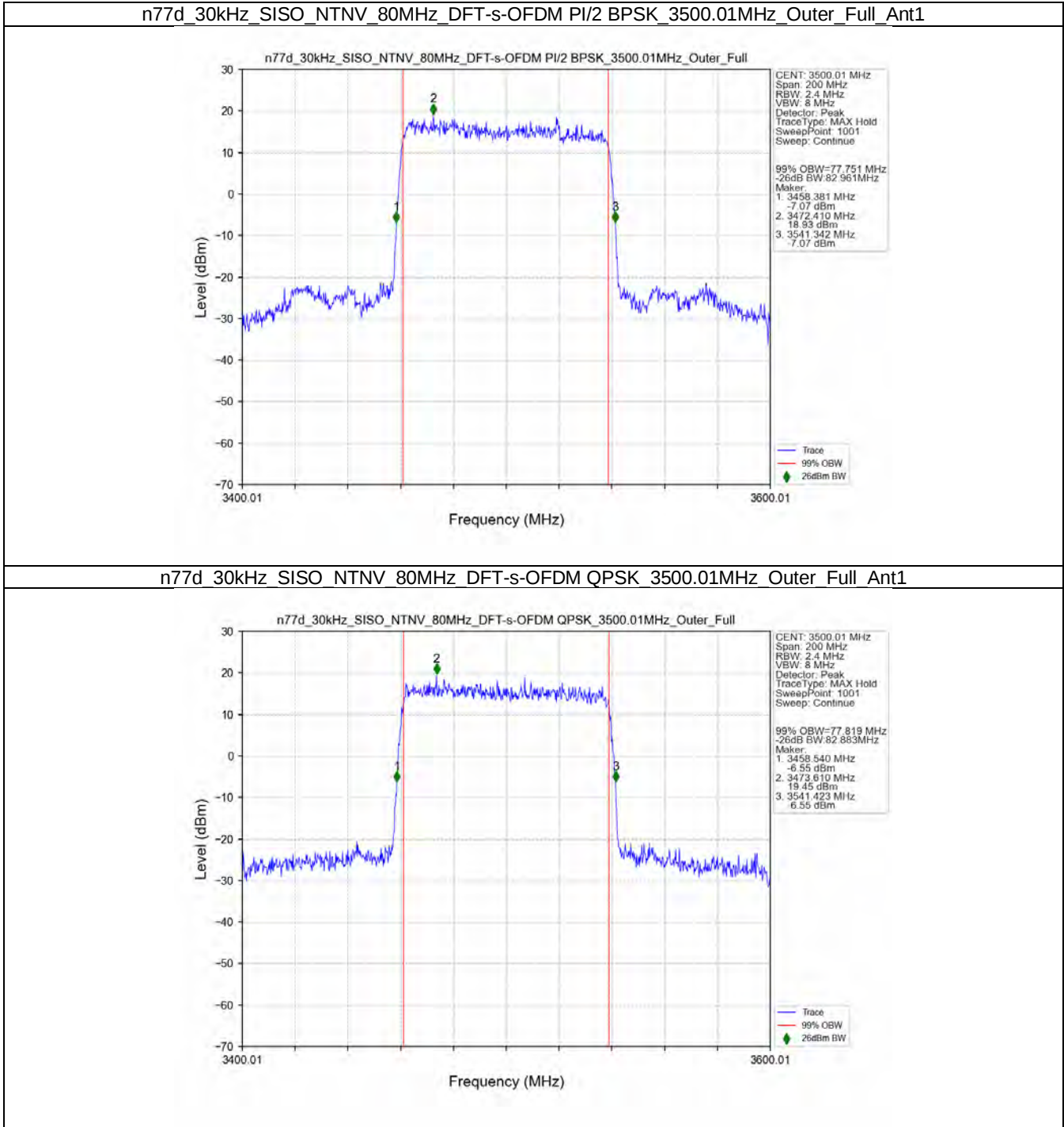
n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



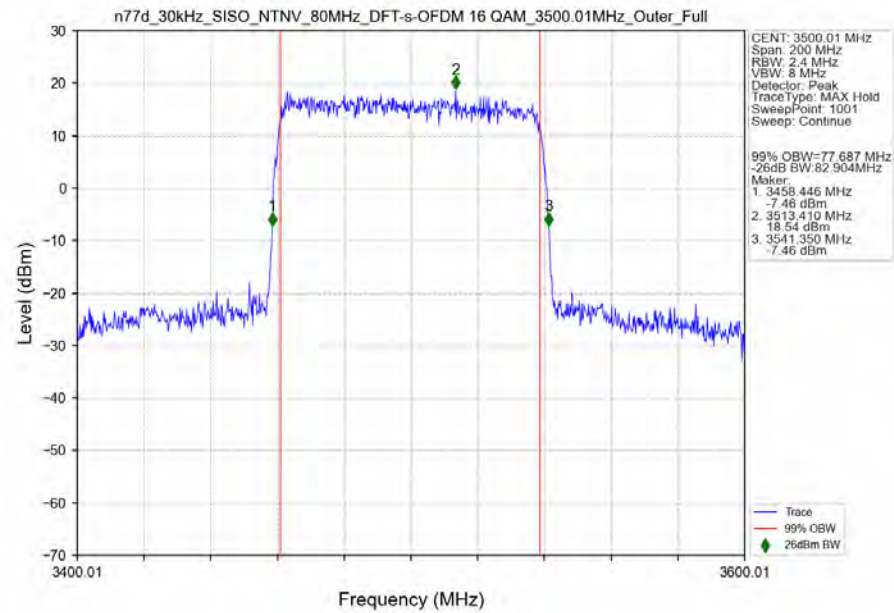
n77d 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



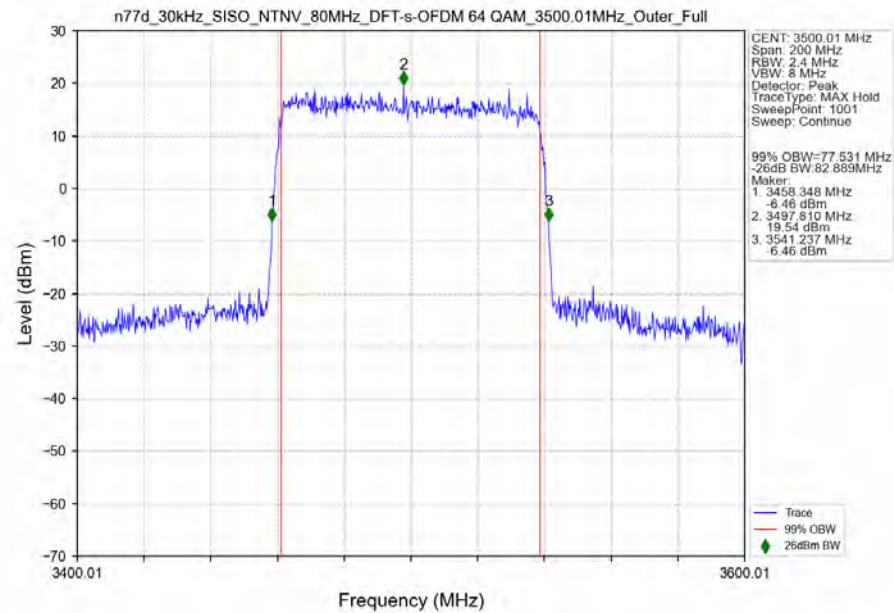
3.2.8 30k_SISO_80MHz_NTNV



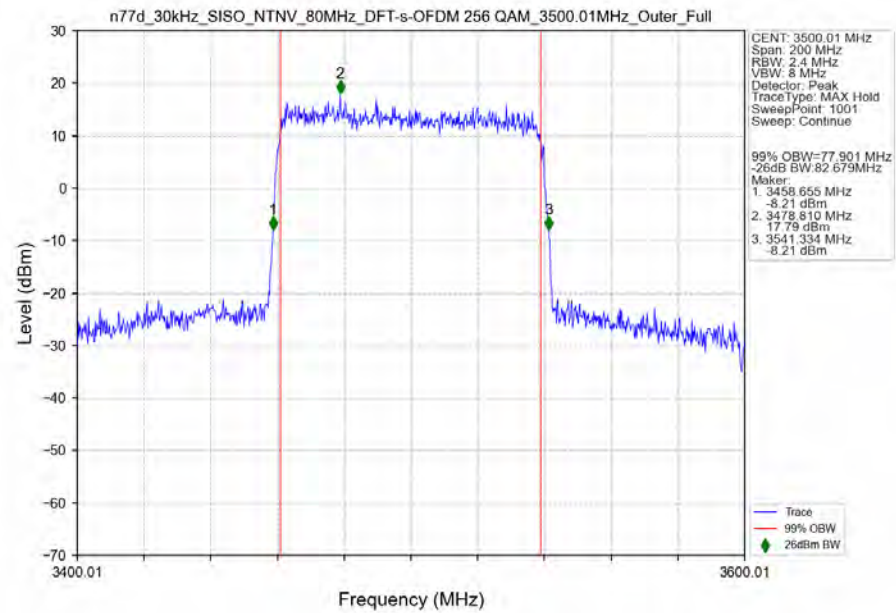
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



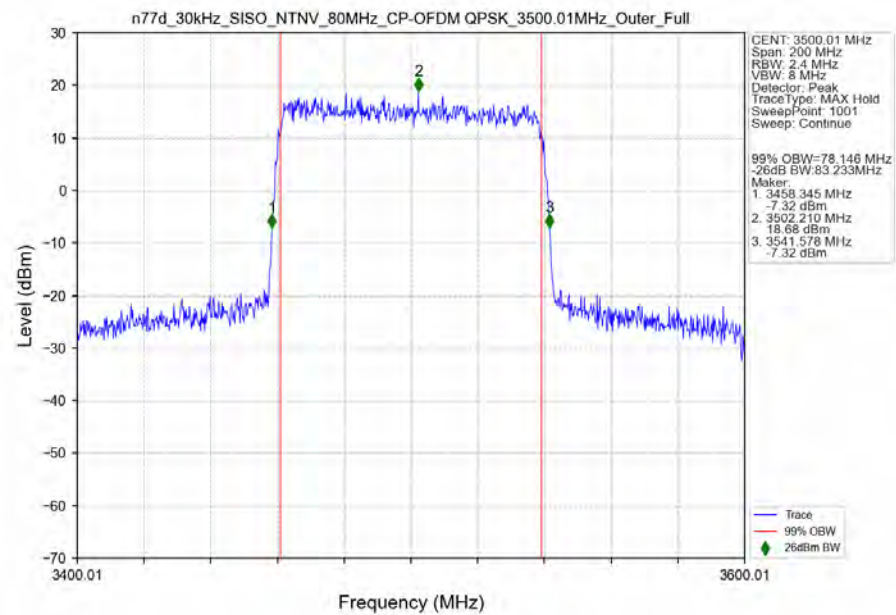
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



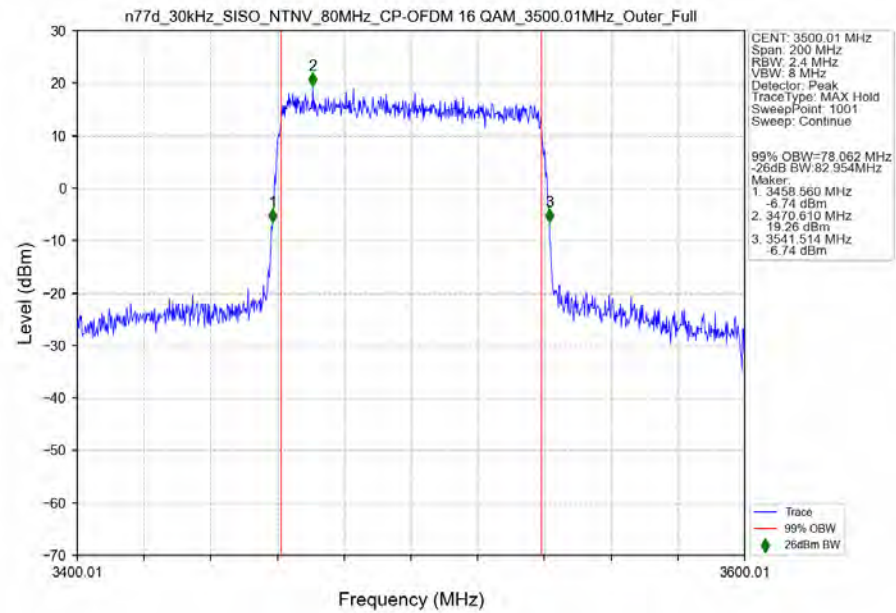
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



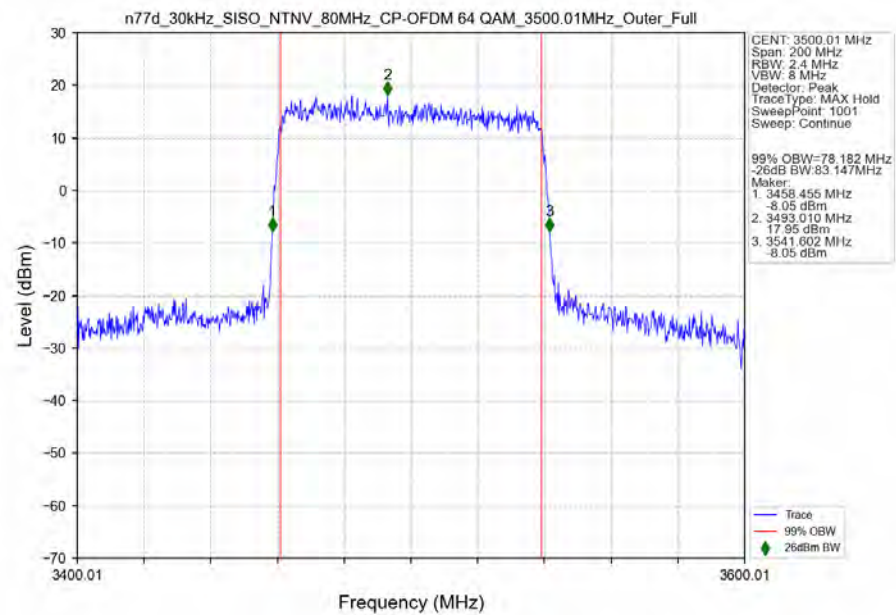
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



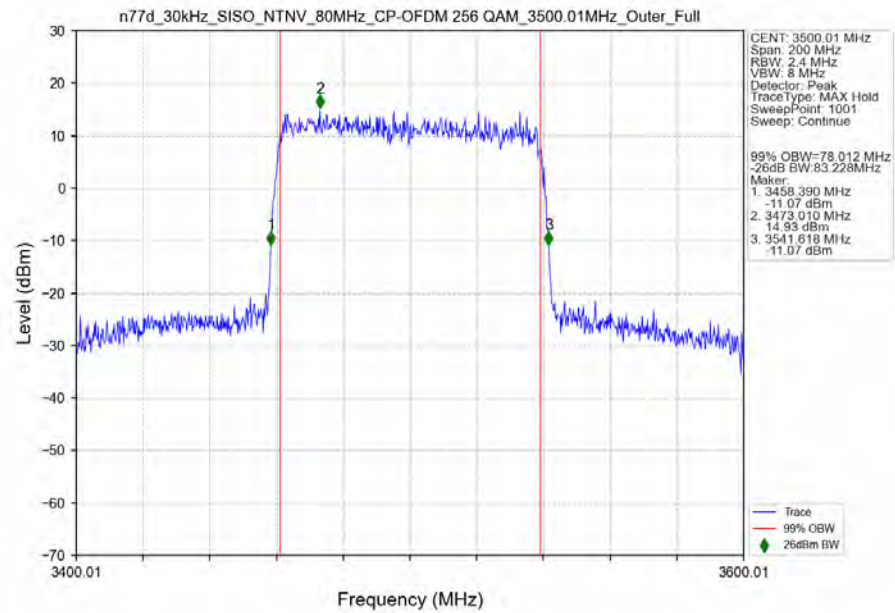
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



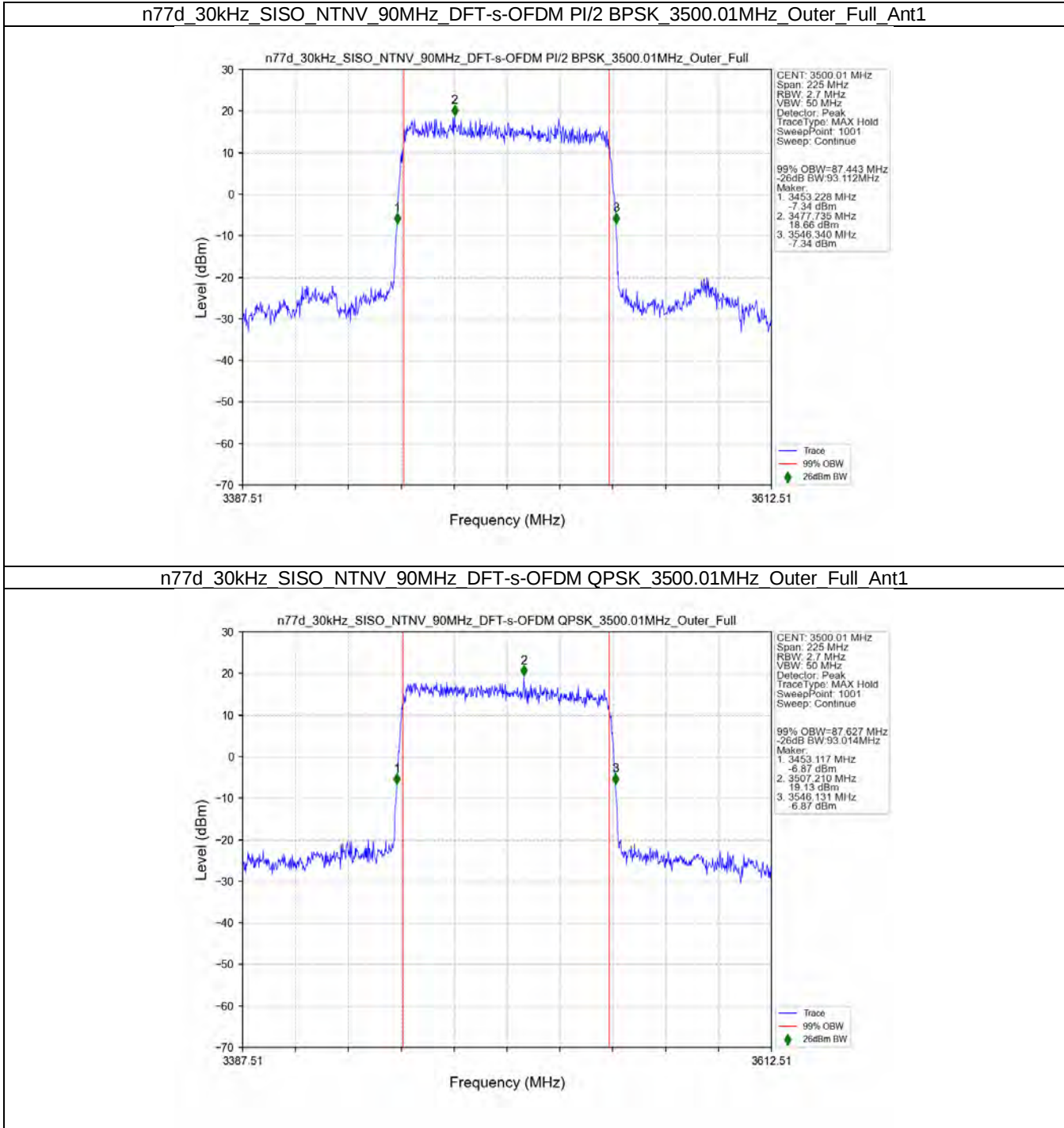
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1



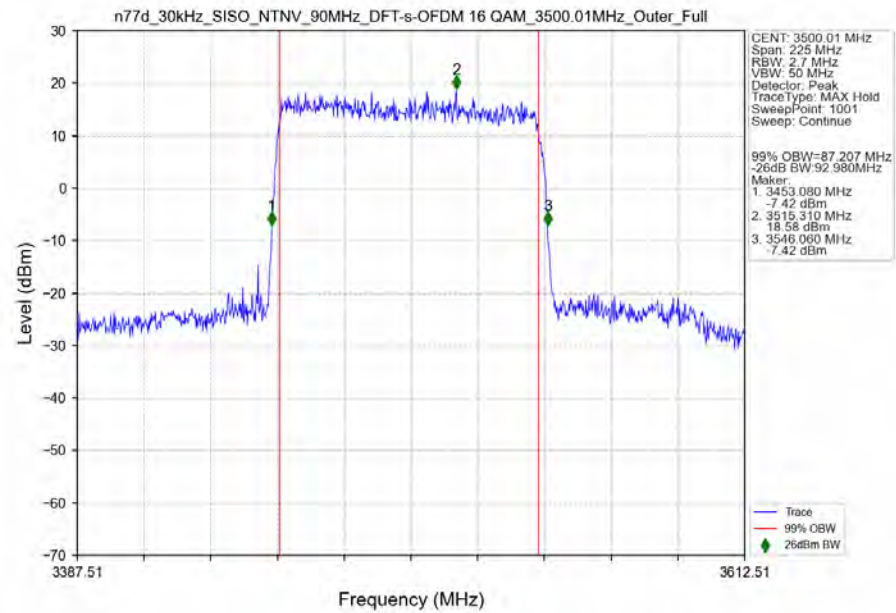
n77d 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



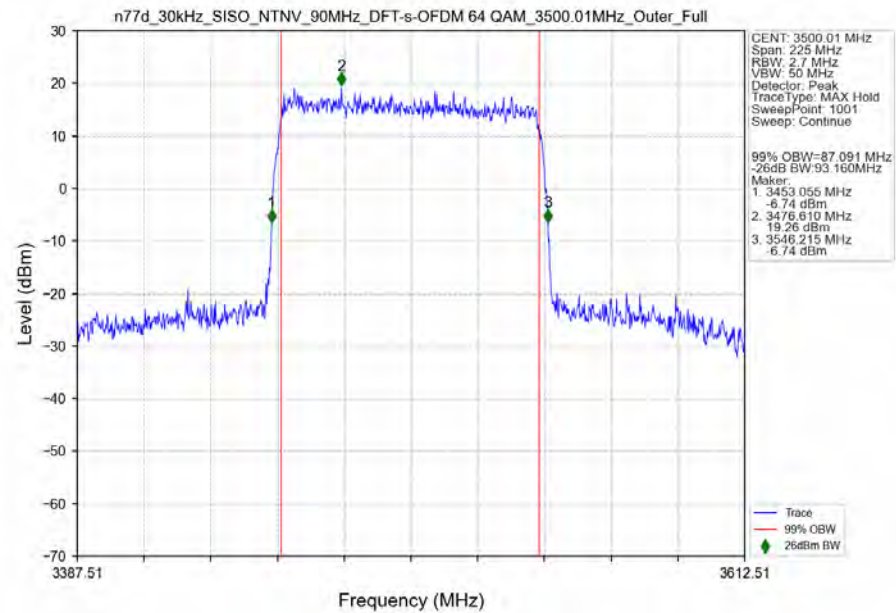
3.2.9 30k_SISO_90MHz_NTNV



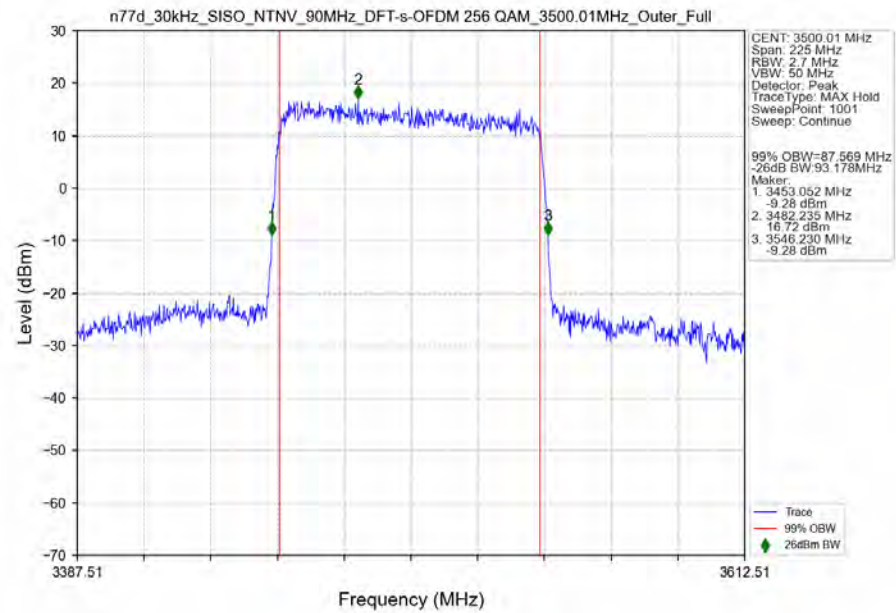
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



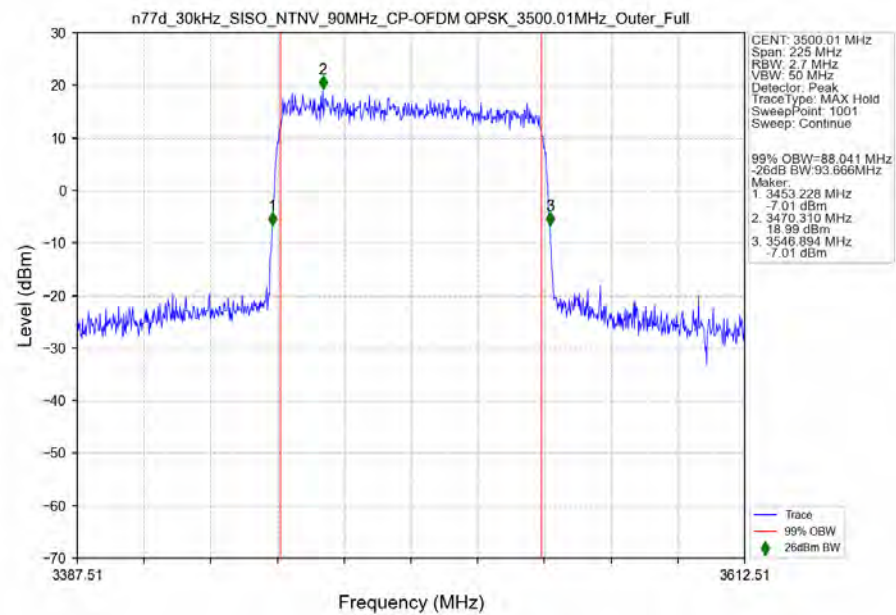
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



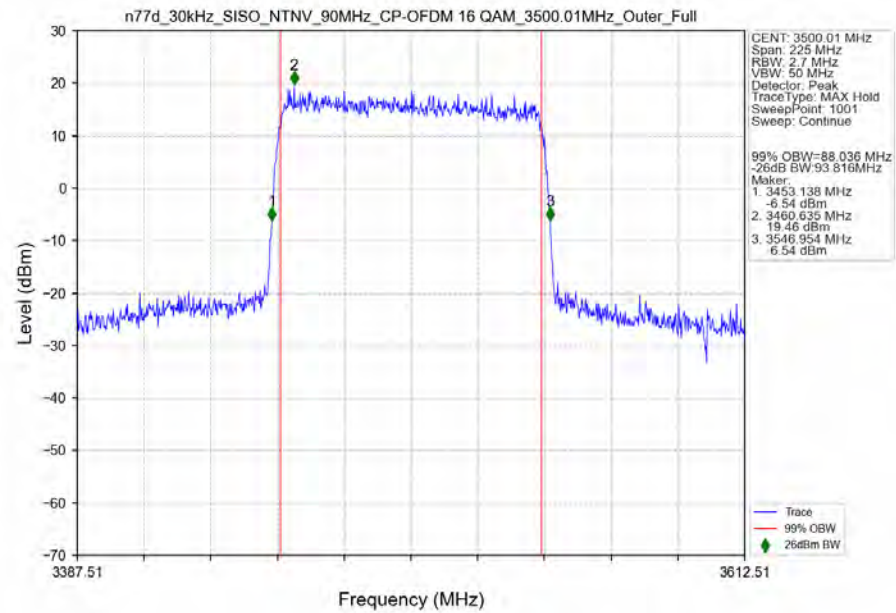
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



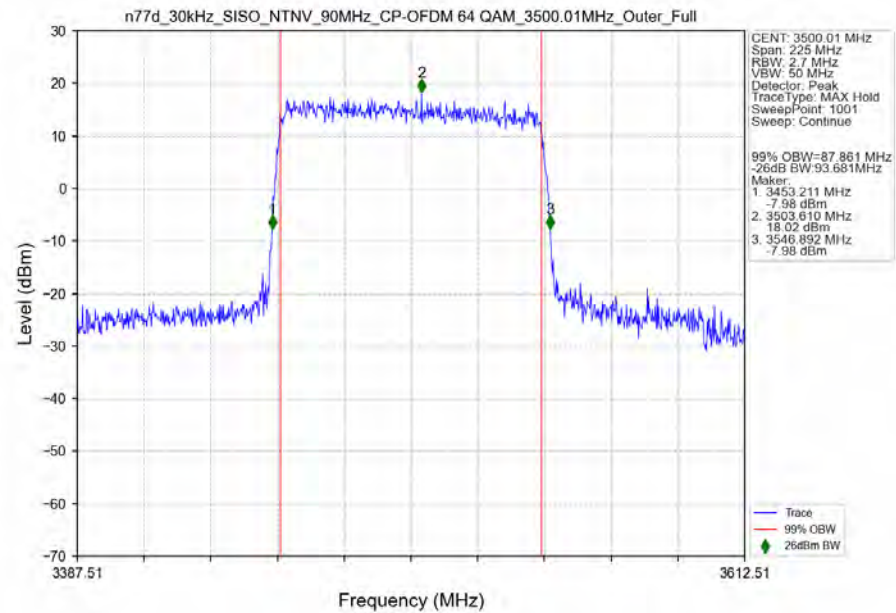
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



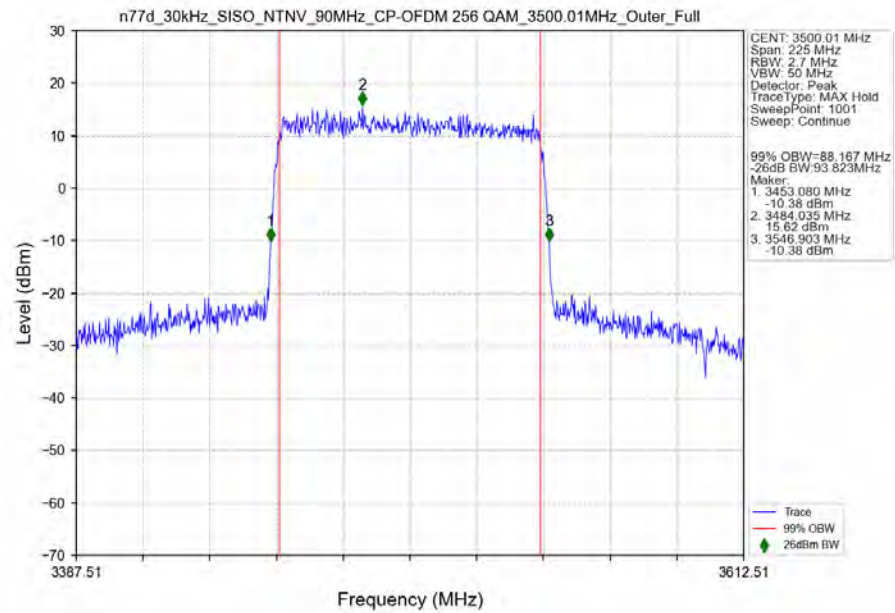
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



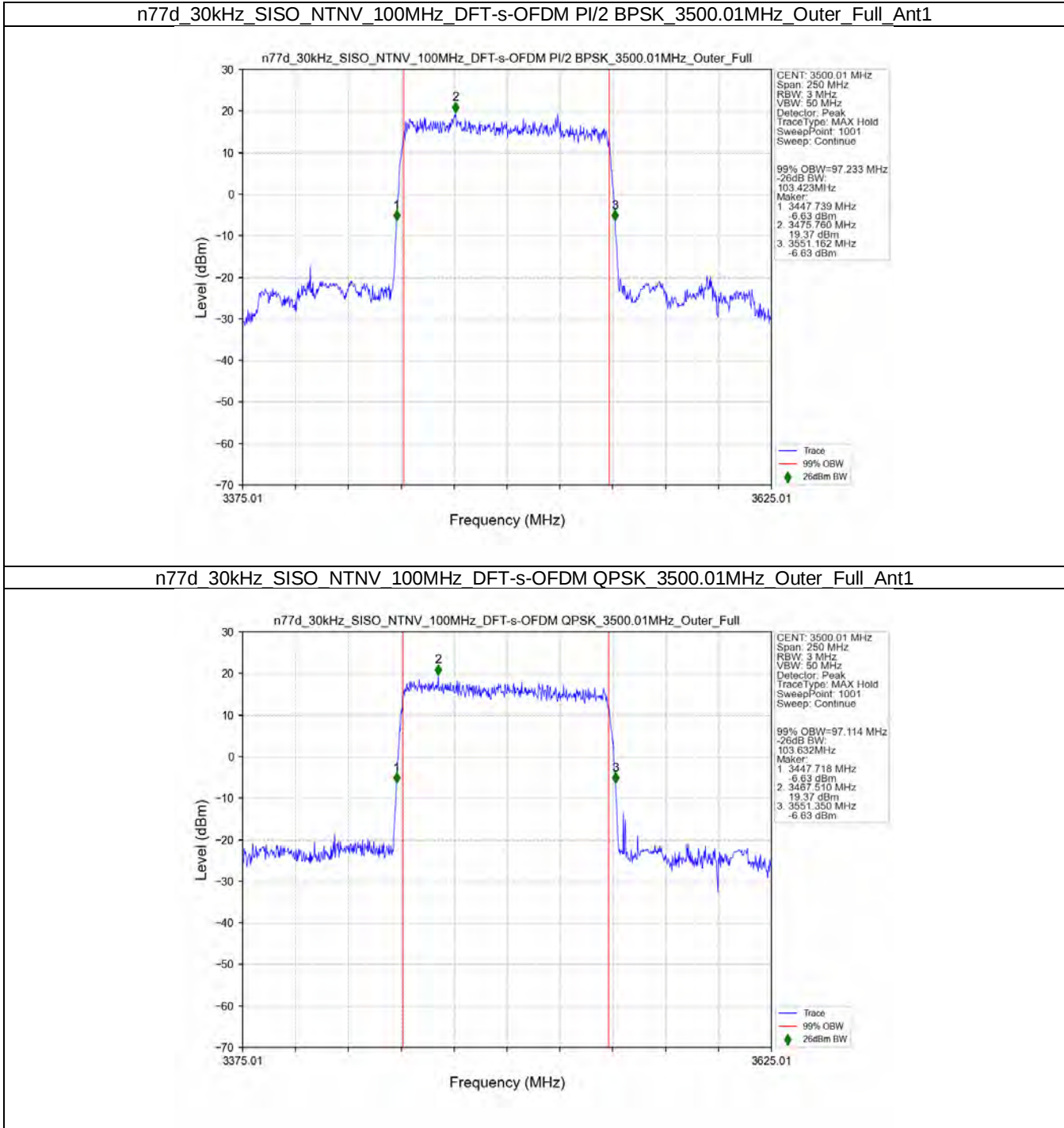
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



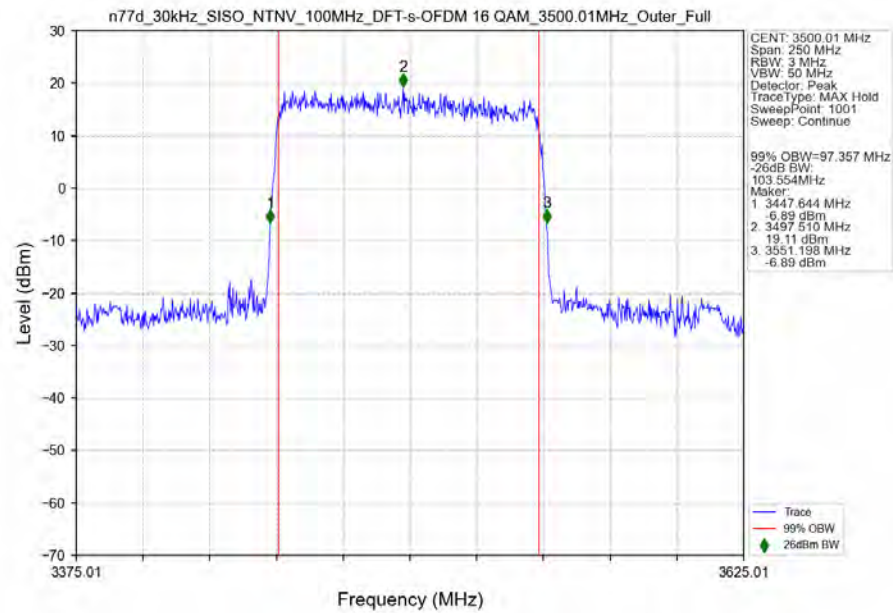
n77d 30kHz SISO NTN 90MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



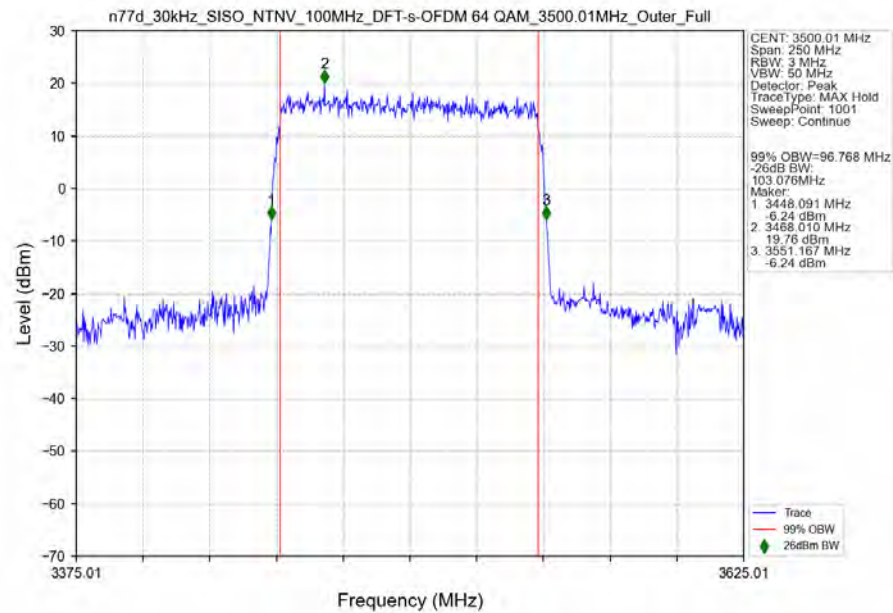
3.2.10 30k_SISO_100MHz_NTNV



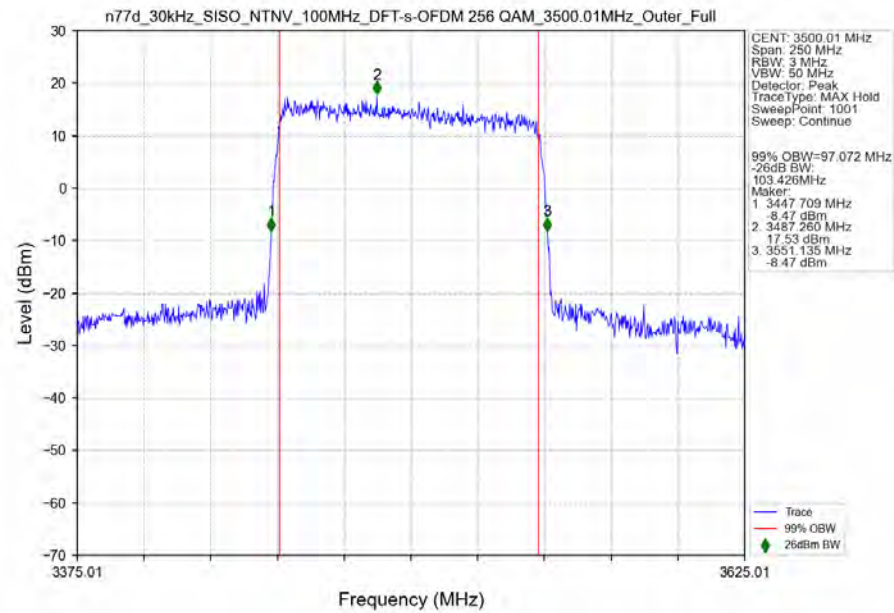
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



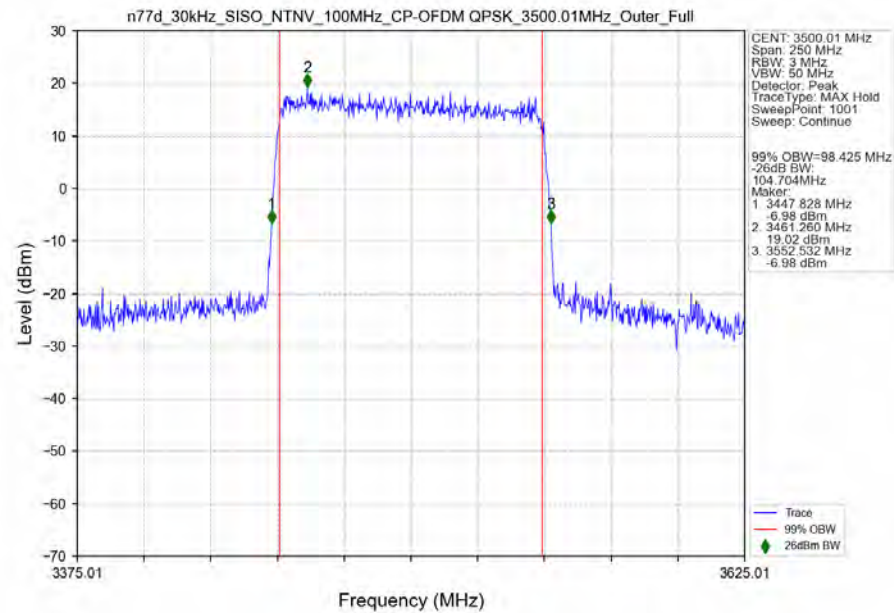
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



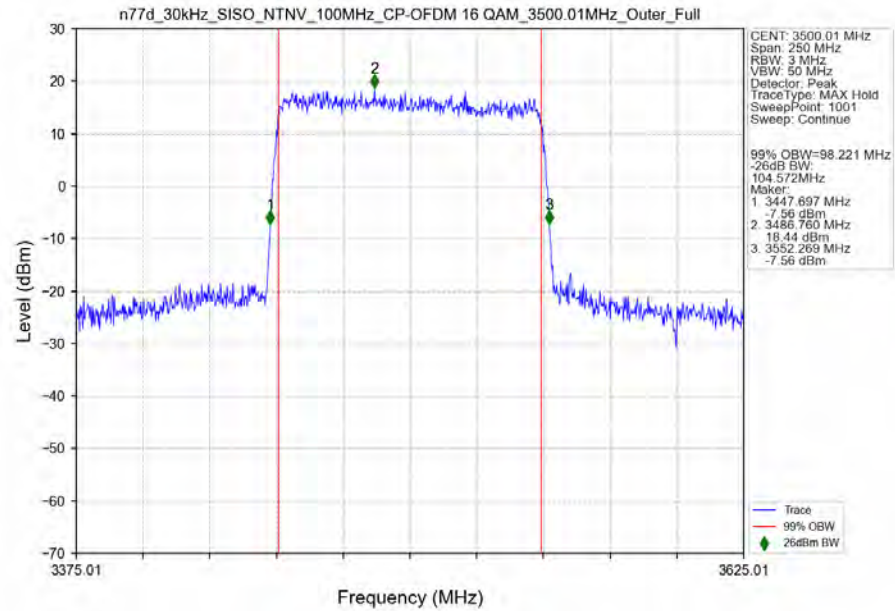
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



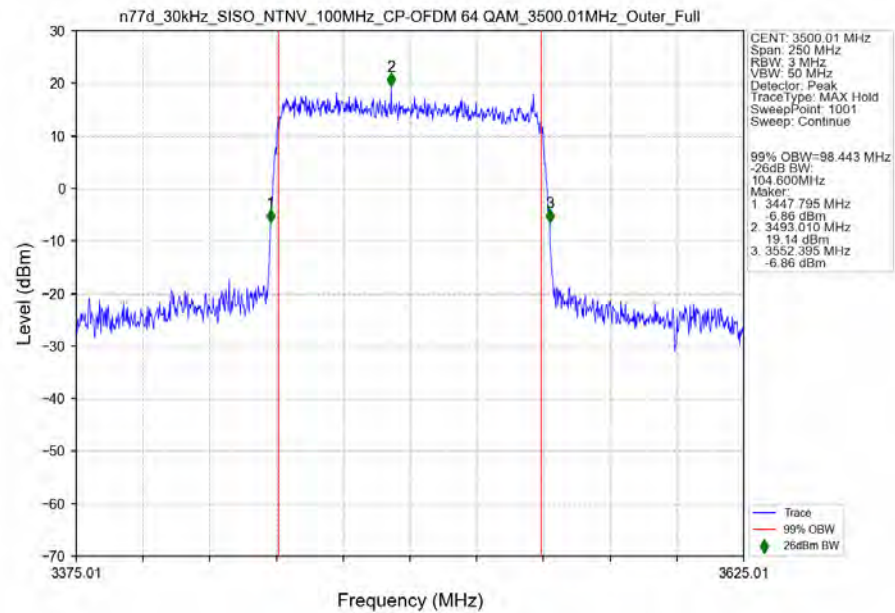
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



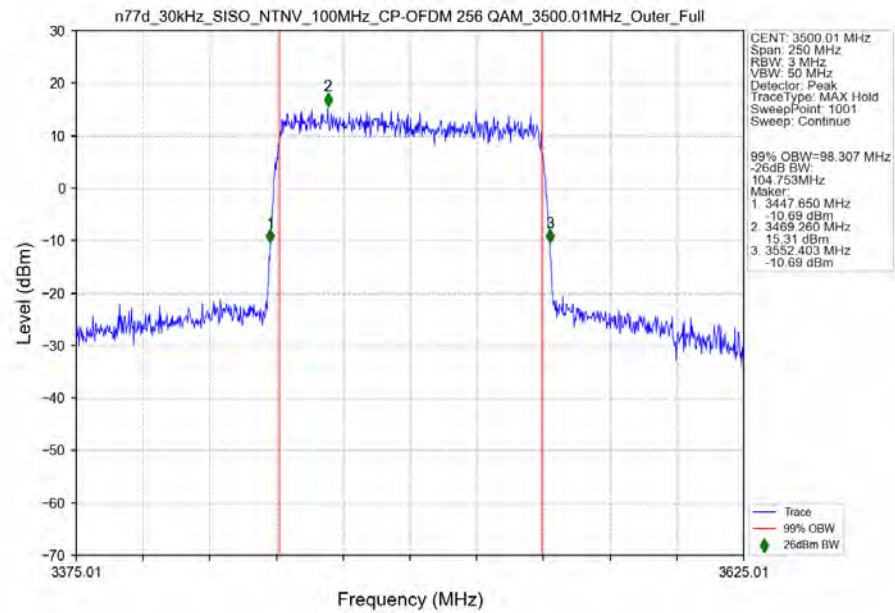
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



n77d 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



4. Peak-Average Ratio

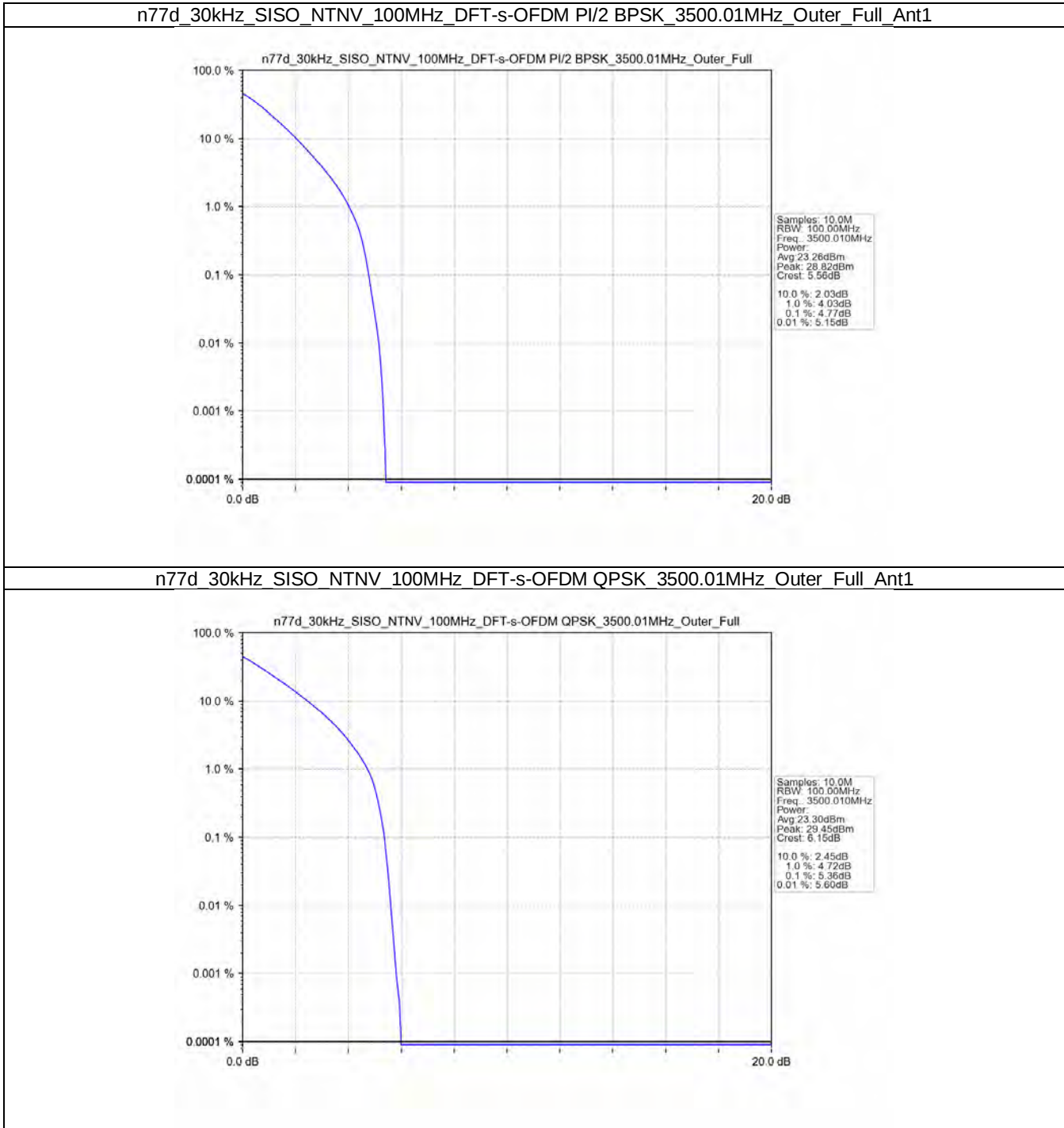
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

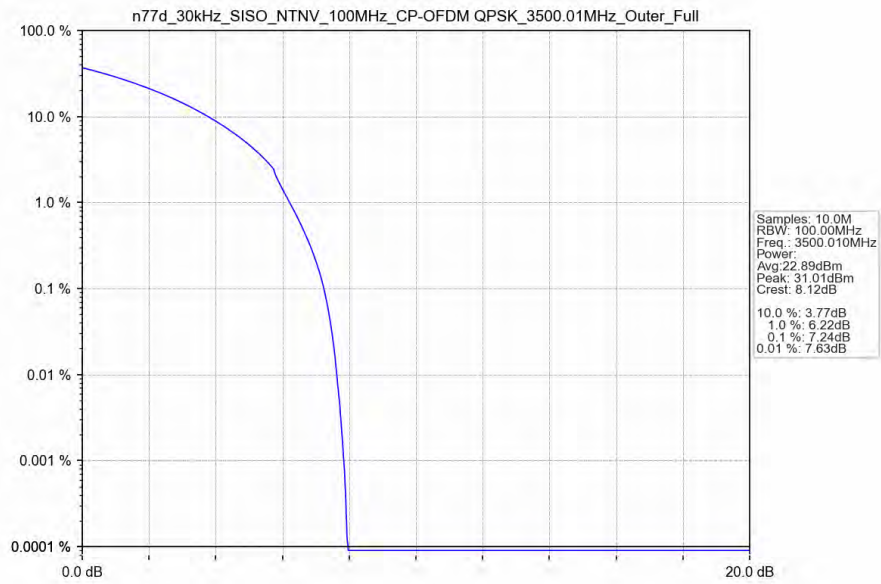
5G NR n77d SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	4.77	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	5.36	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	7.24	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n77d 30kHz SISO NTN 100MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n77d SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3500.01	Edge 1RB Left	Refer To Test Graph				Pass
		3544.98	Edge 1RB Right	Refer To Test Graph			
			Outer Full	Refer To Test Graph			
DFT-s-OFDM QPSK	3455.01	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3500.01	Edge 1RB Left	Refer To Test Graph				Pass
		3544.98	Edge 1RB Right	Refer To Test Graph			
			Outer Full	Refer To Test Graph			
CP-OFDM QPSK	3455.01	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3500.01	Edge 1RB Left	Refer To Test Graph				Pass
		3544.98	Edge 1RB Right	Refer To Test Graph			
			Outer Full	Refer To Test Graph			

5.1.2 30k_SISO_60MHz_NTNV

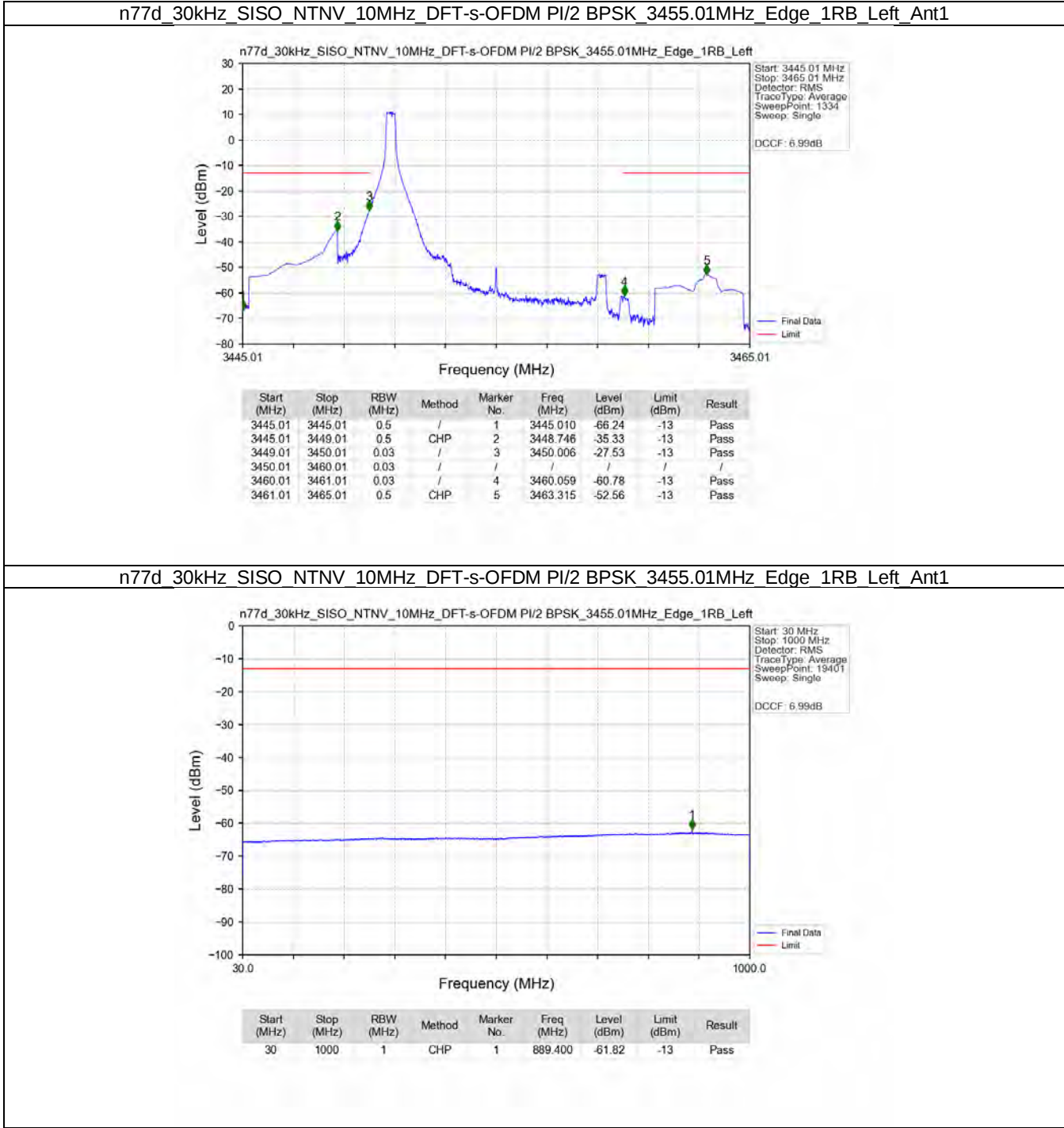
5G NR n77d SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		3519.99	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	3480	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
3500.01		Edge_1RB_Left	Refer To Test Graph				Pass
		3519.99	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		3480	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		3519.99	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass

5.1.3 30k_SISO_100MHz_NTNV

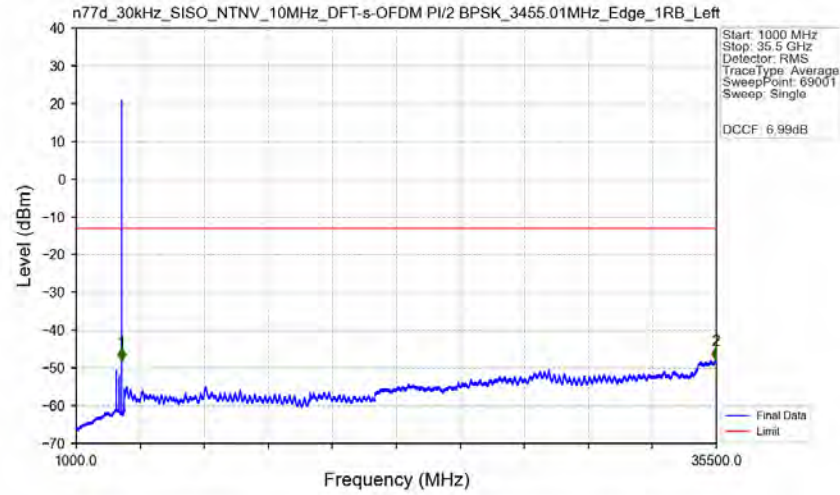
5G NR n77d SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

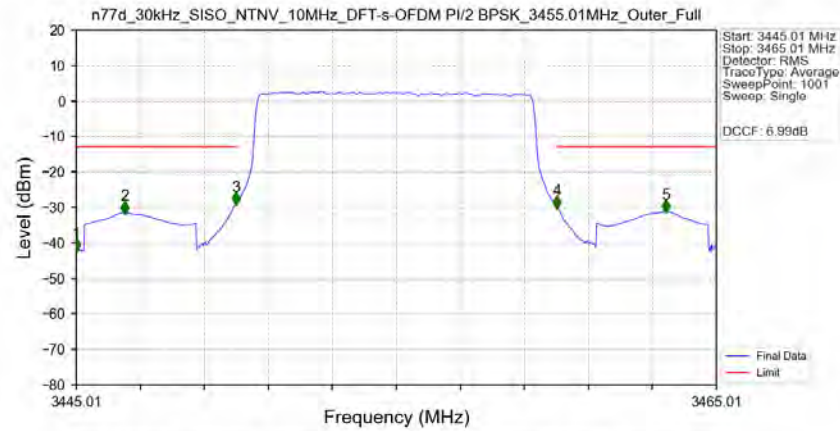


n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3455.01MHz_Edge_1RB_Left_Ant1



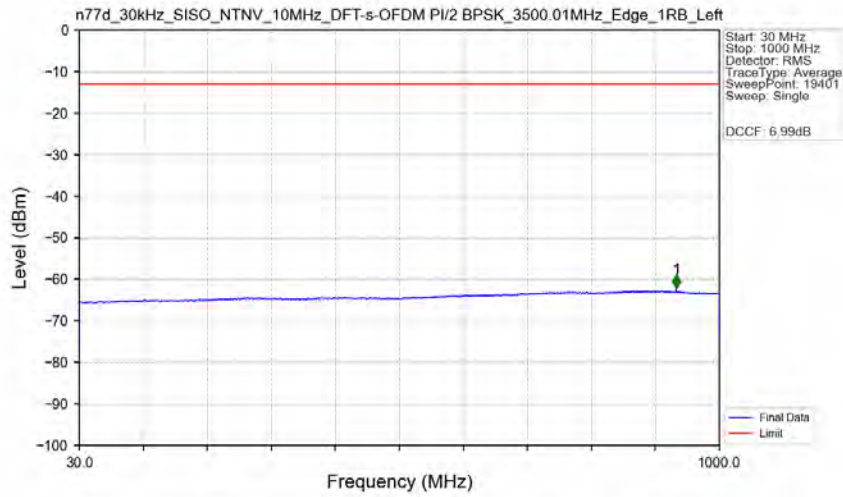
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3442.000	-48.03	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35461.000	-47.80	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3455.01MHz_Outer_Full_Ant1

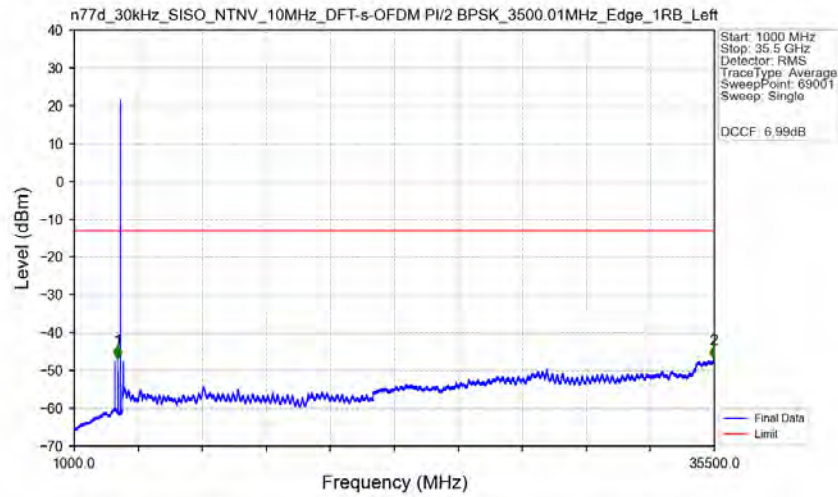


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-42.05	-13	Pass
3445.01	3449.01	0.5	CHP	2	3446.530	-31.53	-13	Pass
3449.01	3450.01	0.10085	CHP	3	3449.990	-29.03	-13	Pass
3450.01	3460.01	0.10085	CHP	/	/	/	/	/
3460.01	3461.01	0.10085	CHP	4	3460.030	-30.02	-13	Pass
3461.01	3465.01	0.5	CHP	5	3463.430	-31.18	-13	Pass

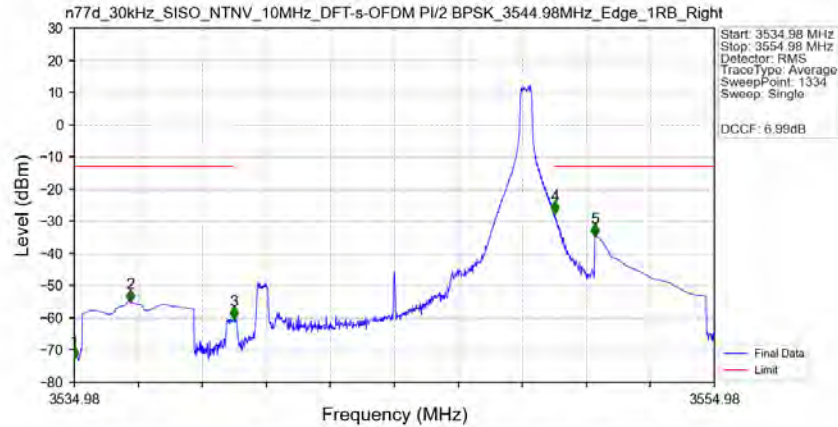
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1



n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1

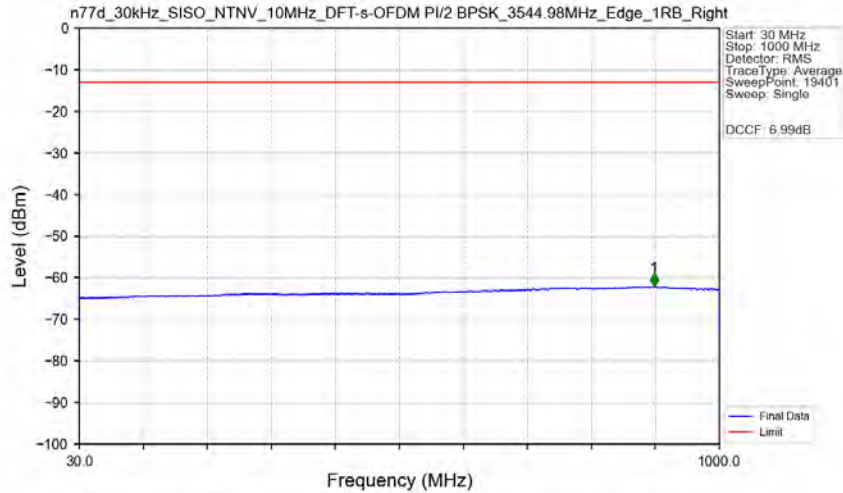


n77d 30kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant1



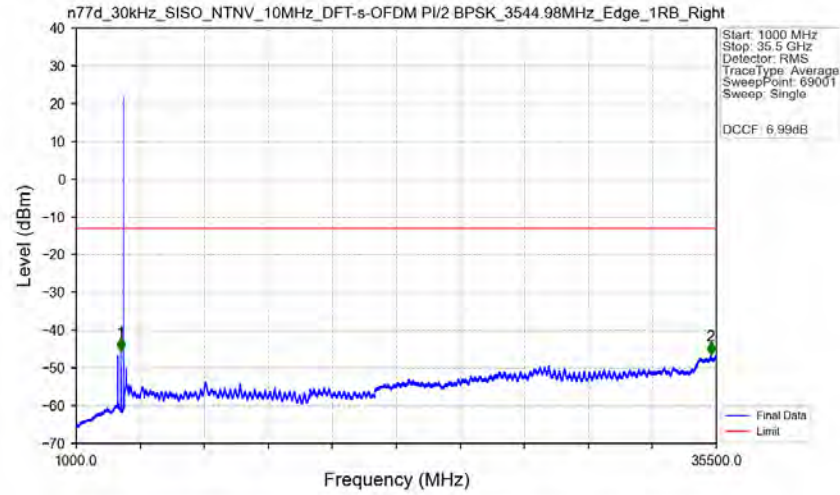
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-72.60	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.735	-54.88	-13	Pass
3538.98	3539.98	0.03	/	3	3539.976	-60.12	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.999	-27.49	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-34.46	-13	Pass

n77d 30kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant1



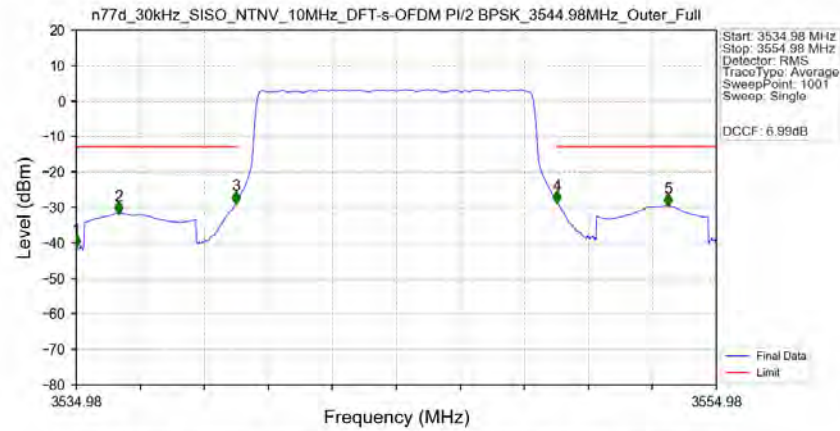
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	901.000	-62.10	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Edge 1RB Right Ant1



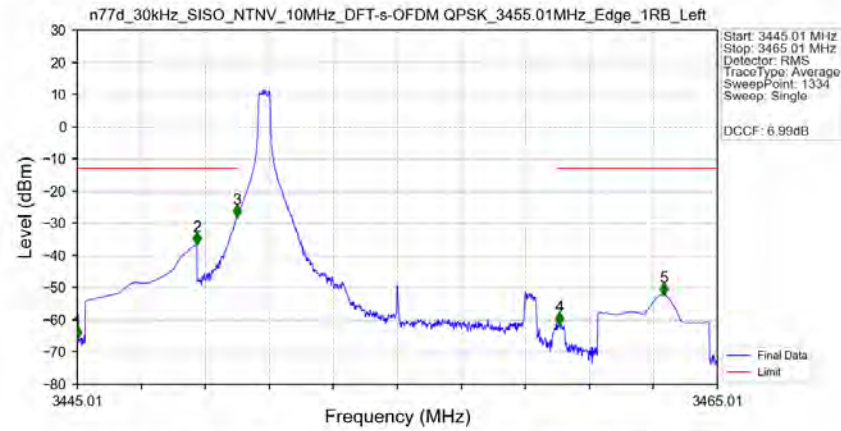
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3396.000	-45.40	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35196.000	-46.57	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz_Outer_Full_Ant1



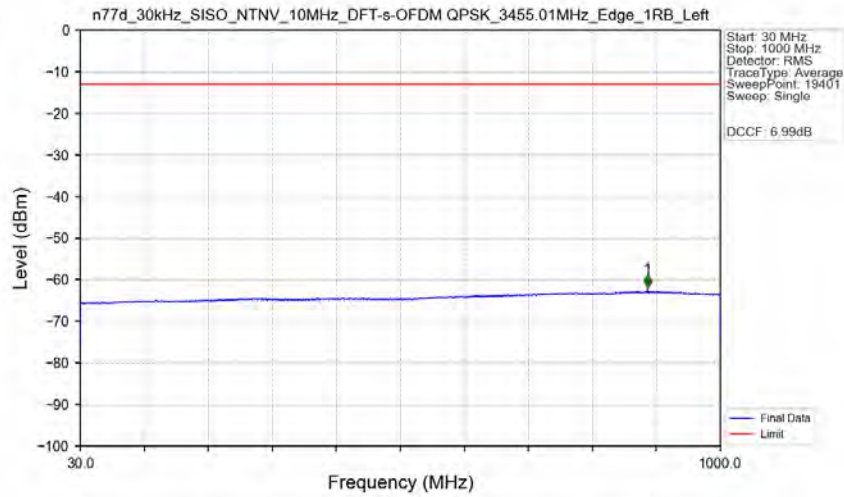
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-40.96	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.300	-31.64	-13	Pass
3538.98	3539.98	0.10139	CHP	3	3539.960	-28.76	-13	Pass
3539.98	3549.98	0.10139	CHP	/	/	/	/	/
3549.98	3550.98	0.10139	CHP	4	3550.000	-28.65	-13	Pass
3550.98	3554.98	0.5	CHP	5	3553.460	-29.53	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



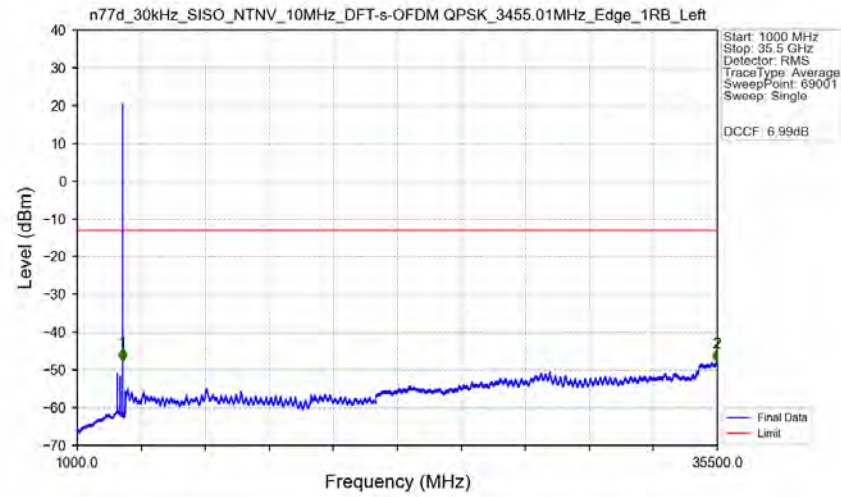
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-65.49	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-36.44	-13	Pass
3449.01	3450.01	0.03	/	3	3450.006	-28.00	-13	Pass
3450.01	3460.01	0.03	/	/	/	/	/	/
3460.01	3461.01	0.03	/	4	3460.074	-61.20	-13	Pass
3461.01	3465.01	0.5	CHP	5	3463.330	-52.17	-13	Pass

n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Edge 1RB Left Ant1



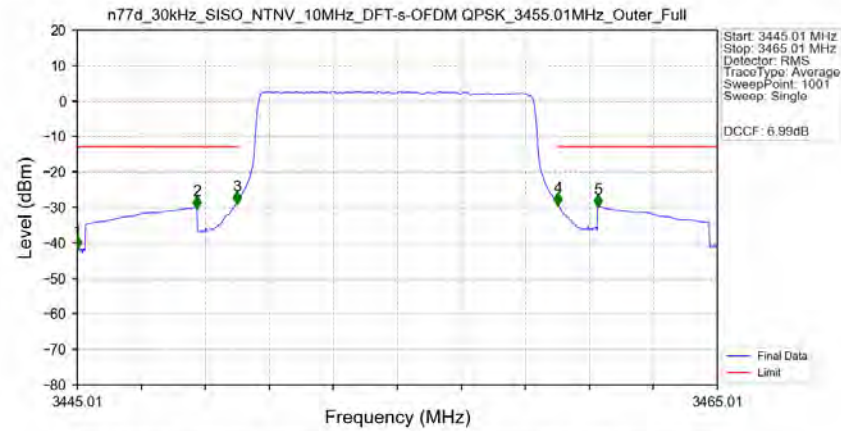
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.550	-61.83	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



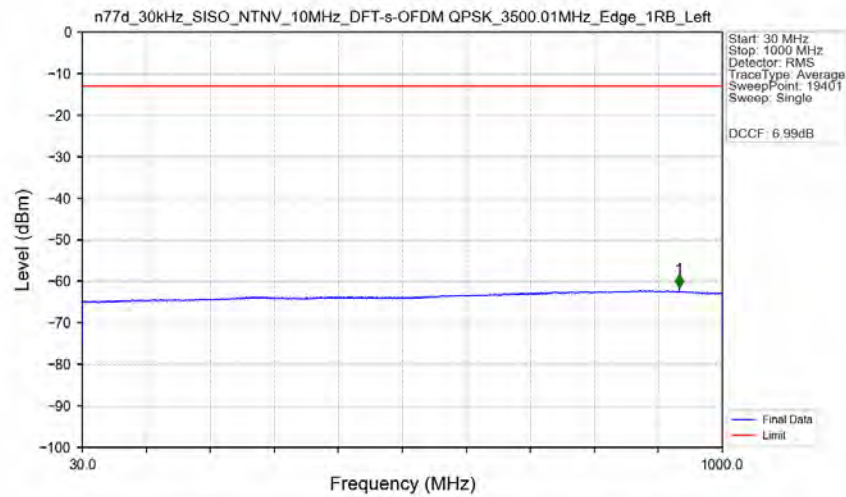
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3441.500	-47.78	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35450.500	-47.82	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3455.01MHz_Outer_Full_Ant1

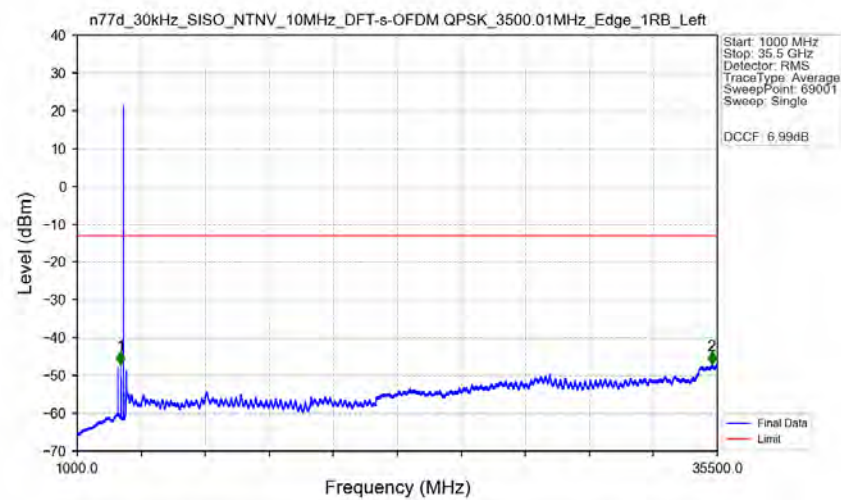


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-41.37	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.750	-30.08	-13	Pass
3449.01	3450.01	0.10329	CHP	3	3449.990	-28.81	-13	Pass
3450.01	3460.01	0.10329	CHP	/	/	/	/	/
3460.01	3461.01	0.10329	CHP	4	3460.030	-29.23	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.270	-29.74	-13	Pass

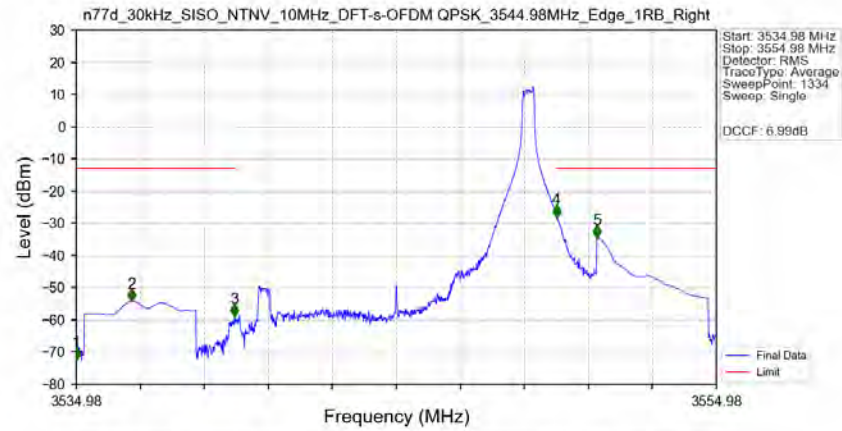
n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



n77d 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1

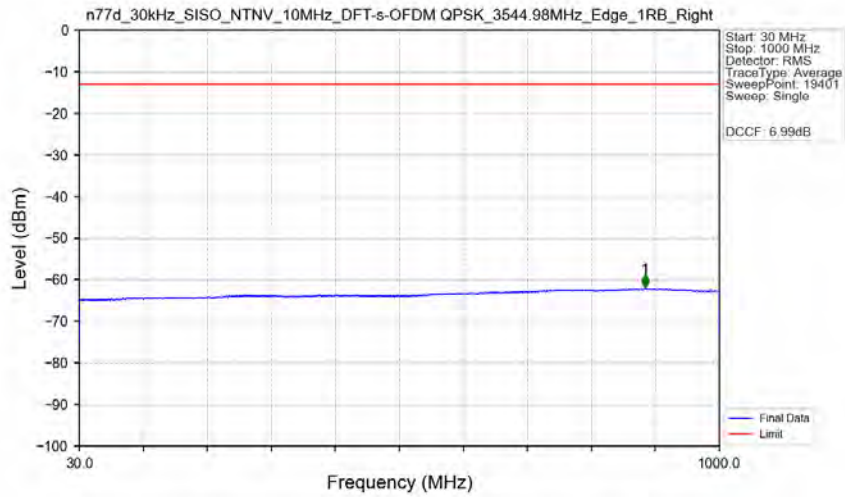


n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant1



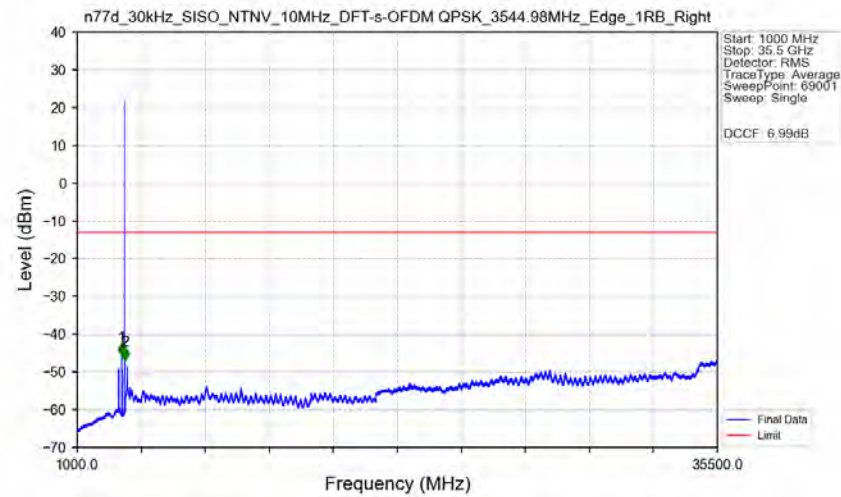
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-72.23	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.705	-54.09	-13	Pass
3538.98	3539.98	0.03	/	3	3539.931	-58.78	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-27.86	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-34.33	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant1



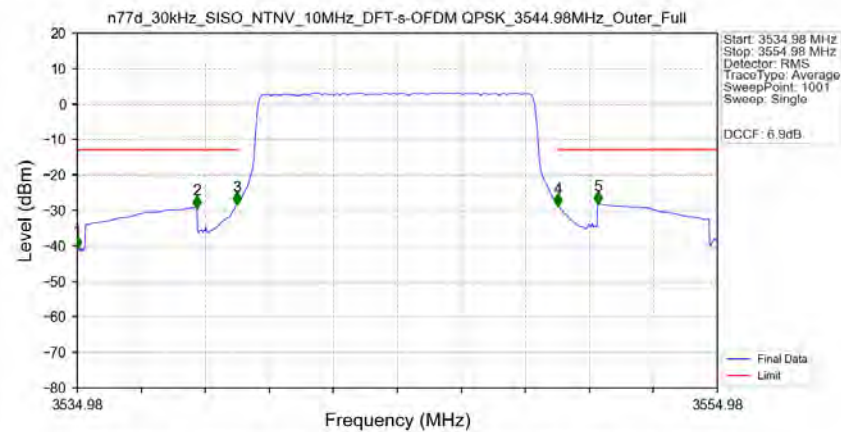
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	887.250	-61.95	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Edge_1RB_Right Ant1



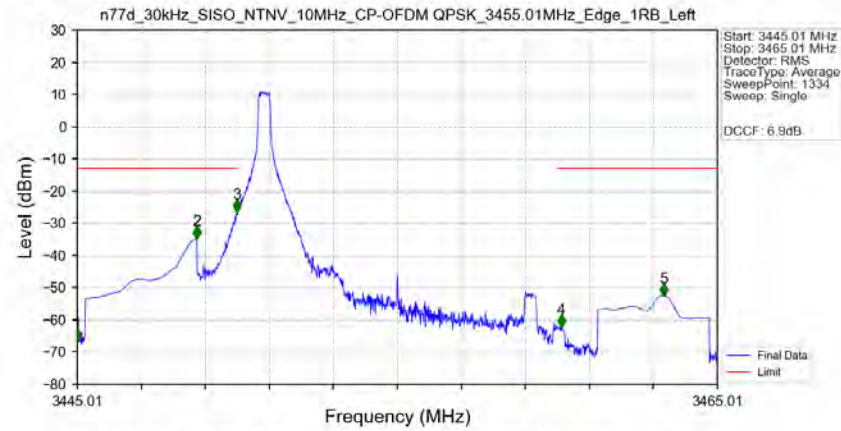
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3396.000	-45.64	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	3557.500	-46.85	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Outer_Full_Ant1

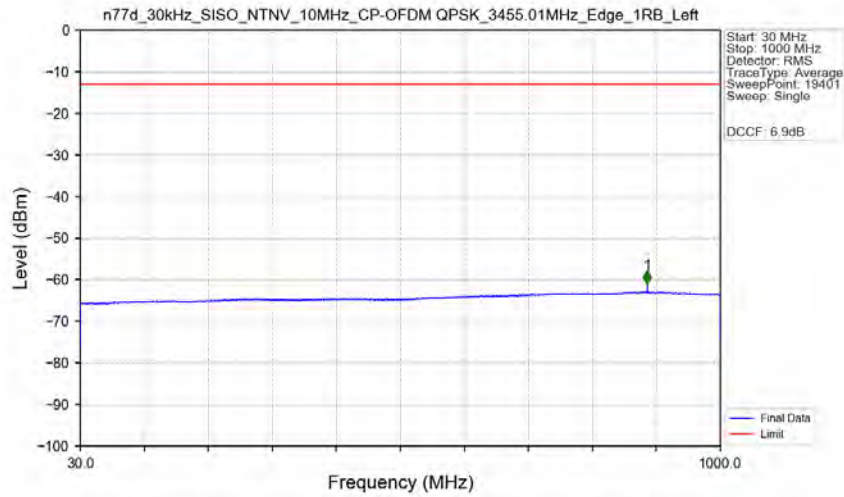


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-40.55	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.720	-29.14	-13	Pass
3538.98	3539.98	0.10199	CHP	3	3539.960	-28.20	-13	Pass
3539.98	3549.98	0.10199	CHP	/	/	/	/	/
3549.98	3550.98	0.10199	CHP	4	3550.000	-28.58	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.240	-28.05	-13	Pass

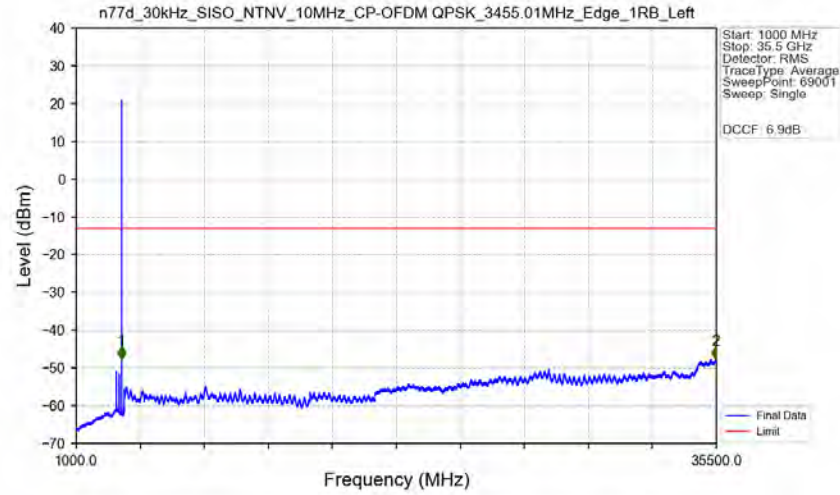
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1

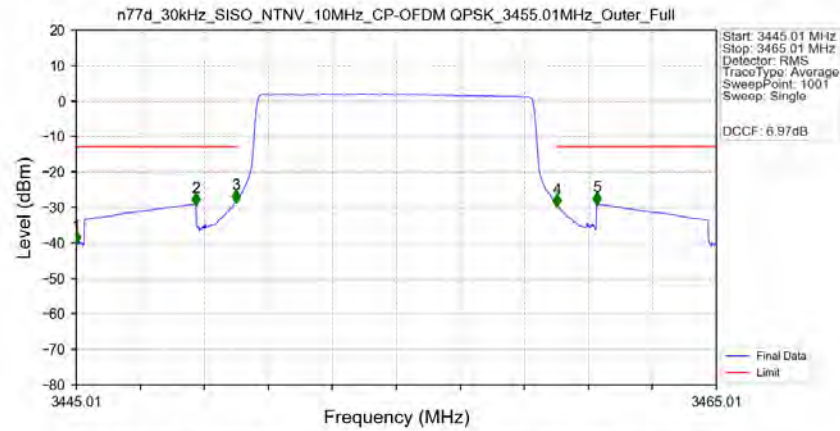


n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



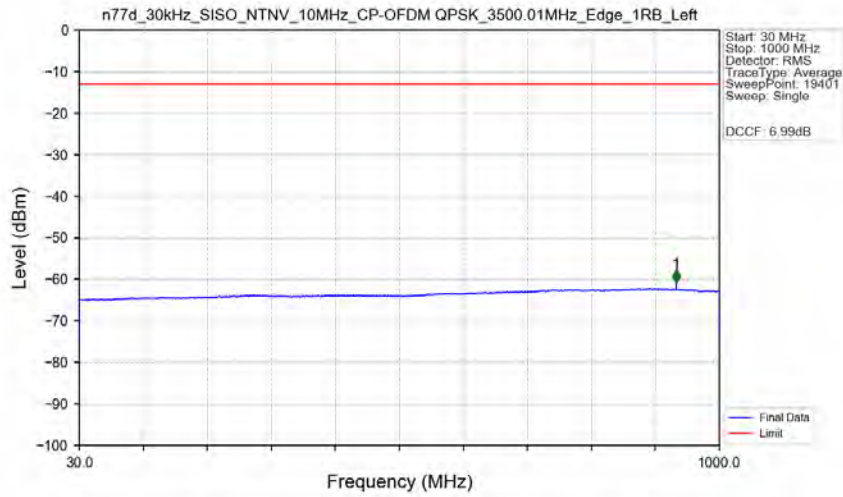
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3442.000	-47.78	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35457.000	-47.76	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Outer_Full_Ant1

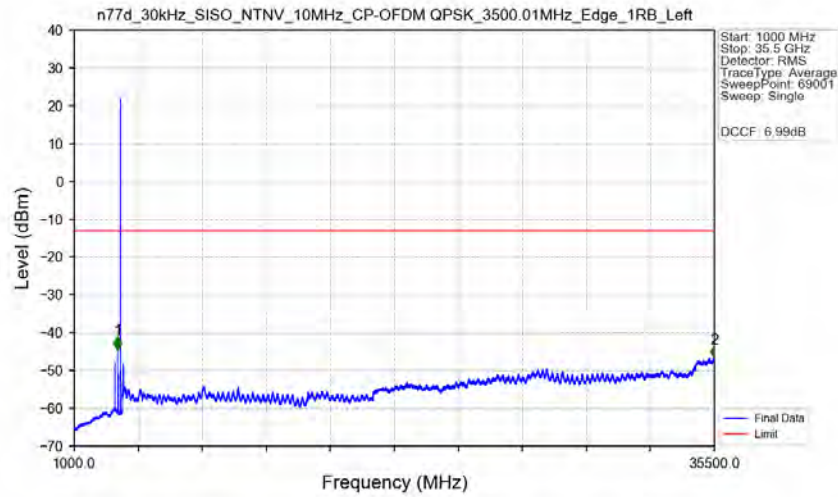


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-39.87	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.750	-29.22	-13	Pass
3449.01	3450.01	0.10137	CHP	3	3449.990	-28.43	-13	Pass
3450.01	3460.01	0.10137	CHP	/	/	/	/	/
3460.01	3461.01	0.10137	CHP	4	3460.030	-29.67	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.270	-29.10	-13	Pass

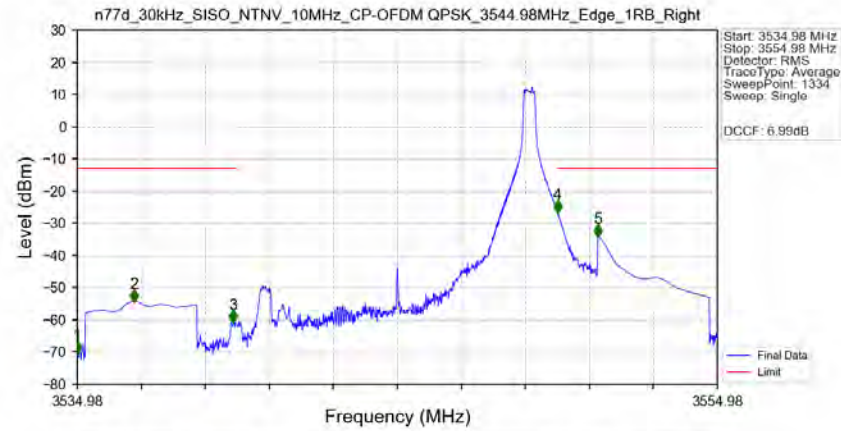
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1

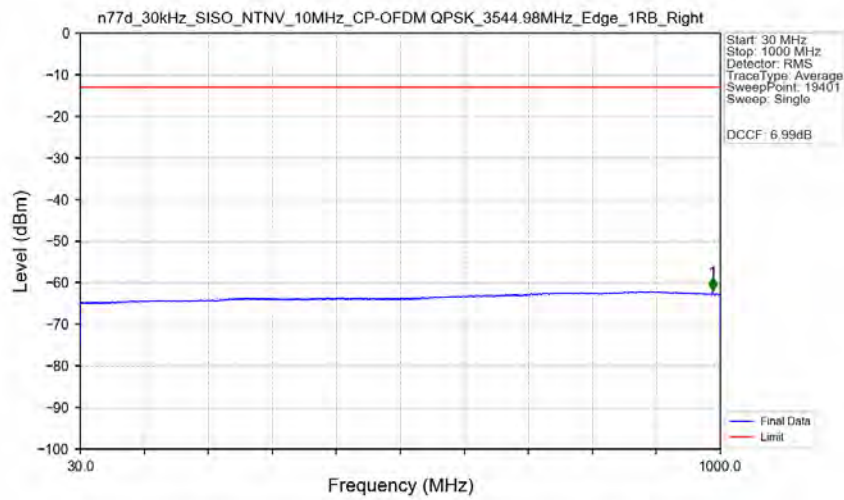


n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant1



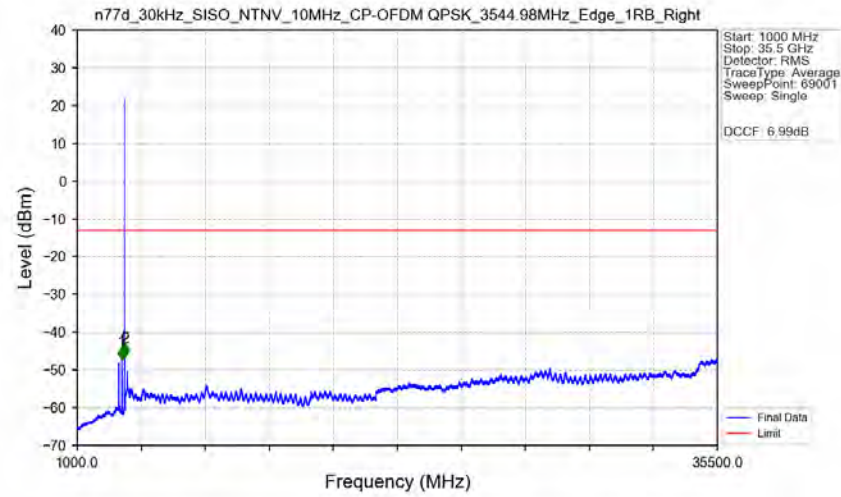
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-70.15	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.750	-54.18	-13	Pass
3538.98	3539.98	0.03	/	3	3539.856	-60.70	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-26.39	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-33.94	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Edge_1RB_Right_Ant1



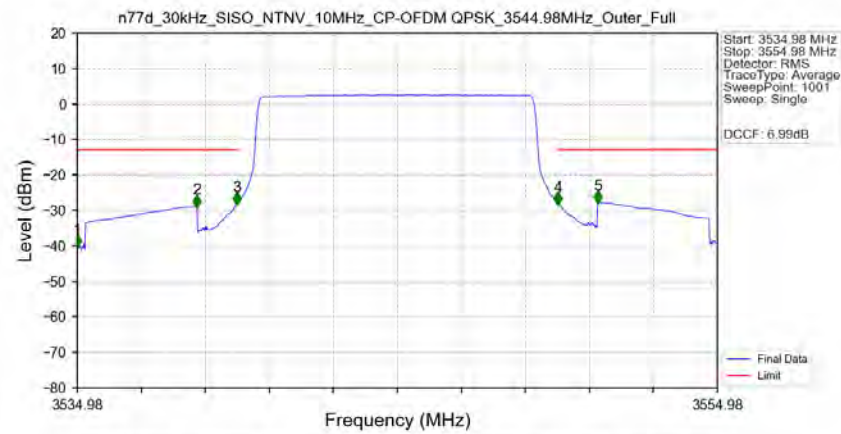
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	988.250	-61.91	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Edge_1RB_Right Ant1



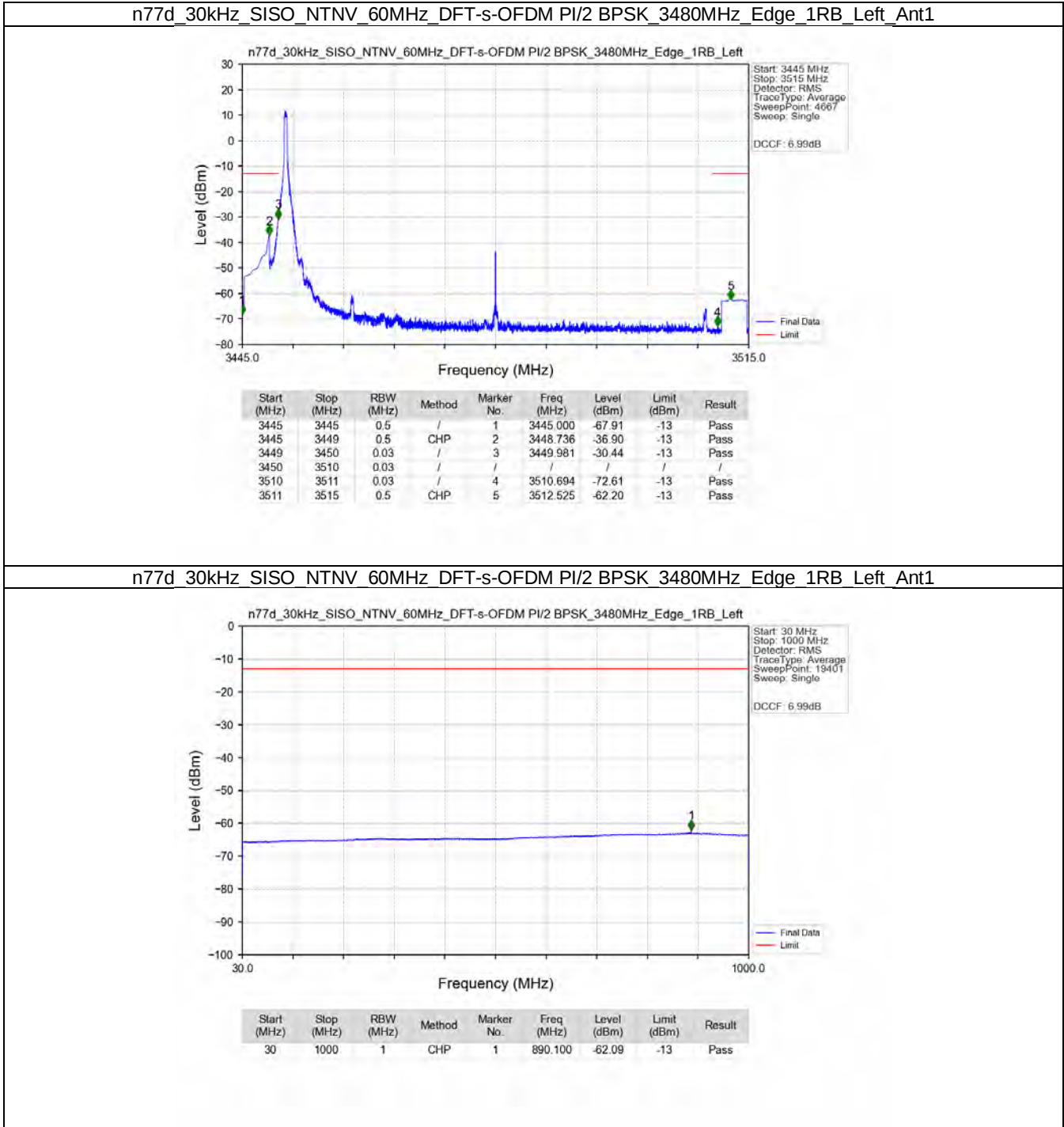
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	3395.000	-47.36	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	3557.000	-46.44	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Outer_Full Ant1

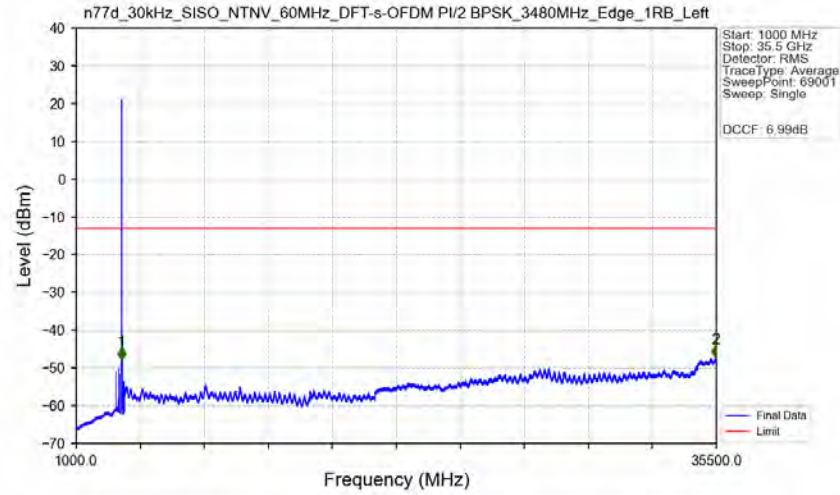


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-40.14	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.720	-28.92	-13	Pass
3538.98	3539.98	0.10141	CHP	3	3539.960	-28.25	-13	Pass
3539.98	3549.98	0.10141	CHP	/	/	/	/	/
3549.98	3550.98	0.10141	CHP	4	3550.000	-28.12	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.240	-27.72	-13	Pass

5.2.2 30k_SISO_60MHz_NTNV

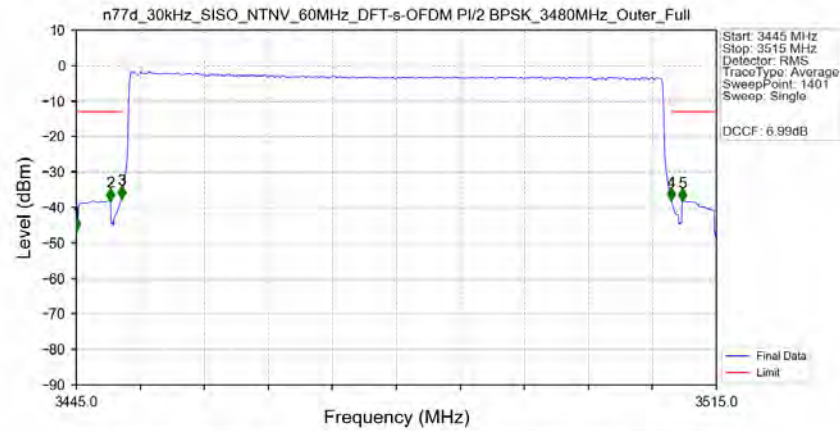


n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3480MHz_Edge_1RB_Left_Ant1



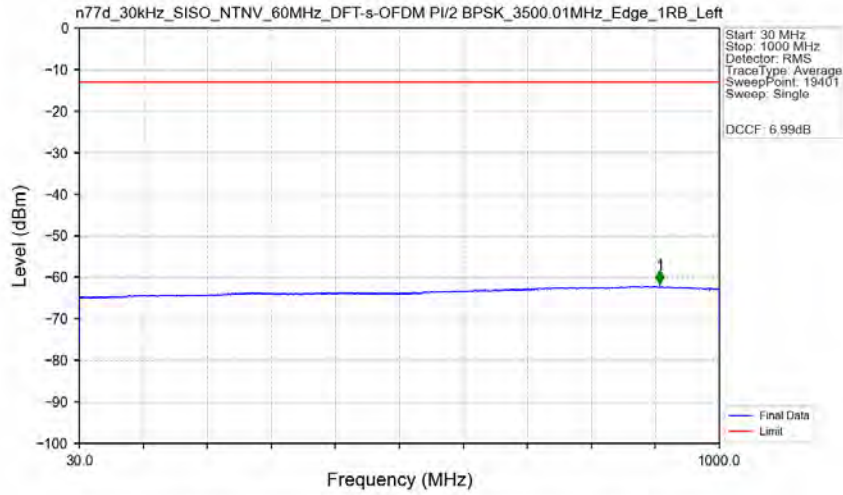
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445	1	/	1	3442.000	-47.81	-13	Pass
3445	3515	1	/	/	/	/	/	/
3515	35500	1	/	2	35468.500	-47.39	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3480MHz_Outer_Full_Ant1

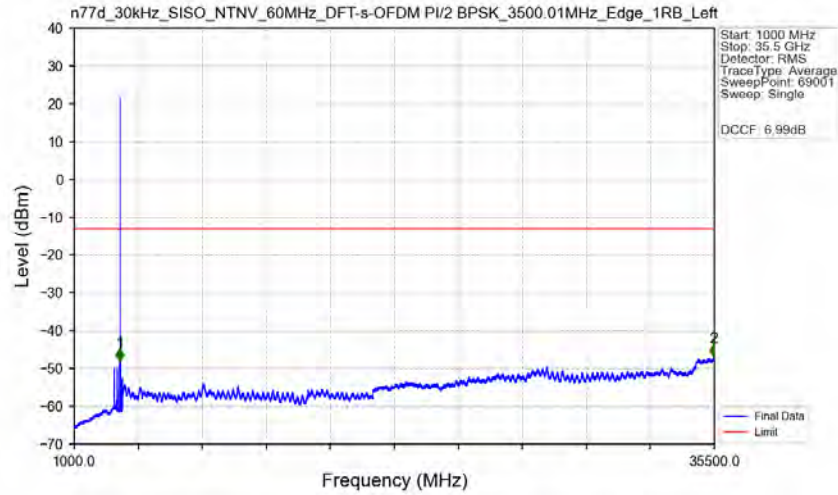


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-46.29	-13	Pass
3445	3449	0.5	CHP	2	3448.750	-37.89	-13	Pass
3449	3450	0.2	CHP	3	3449.950	-37.20	-13	Pass
3450	3510	0.2	CHP	/	/	/	/	/
3510	3511	0.2	CHP	4	3510.050	-37.71	-13	Pass
3511	3515	0.5	CHP	5	3511.300	-37.92	-13	Pass

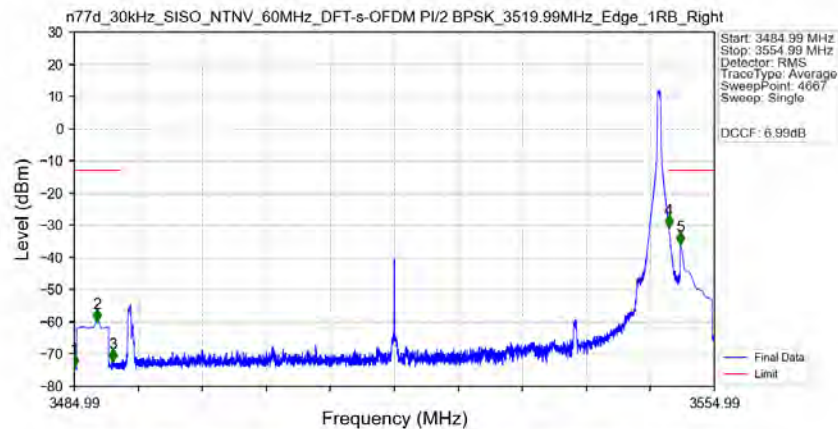
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1



n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1

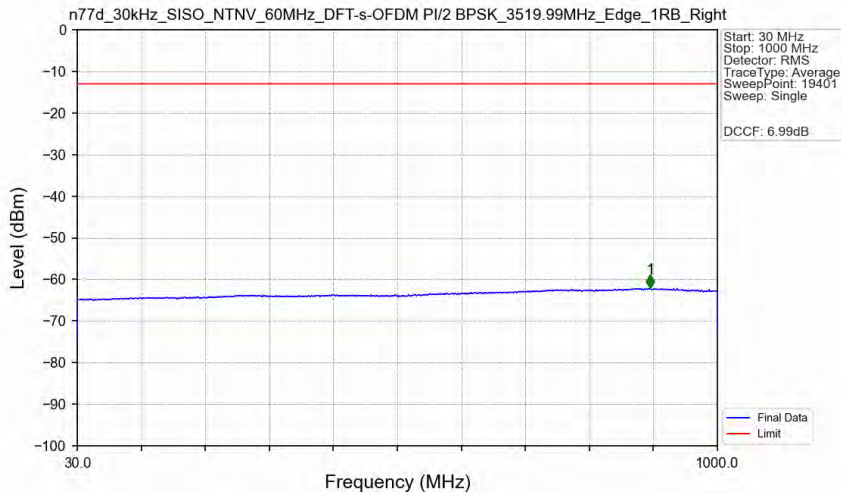


n77d 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz Edge 1RB Right Ant1



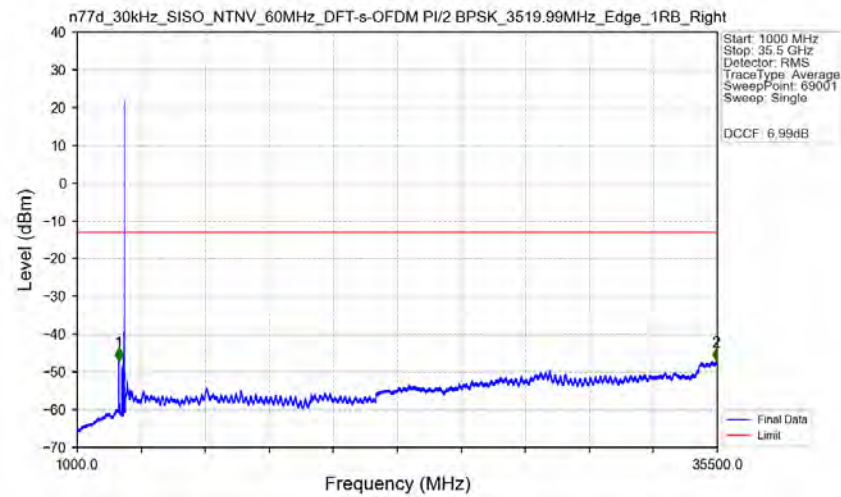
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-73.75	-13	Pass
3484.99	3488.99	0.5	CHP	2	3487.450	-59.72	-13	Pass
3488.99	3489.99	0.03	/	3	3489.191	-72.16	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3550.009	-30.46	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-35.67	-13	Pass

n77d 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz Edge 1RB Right Ant1



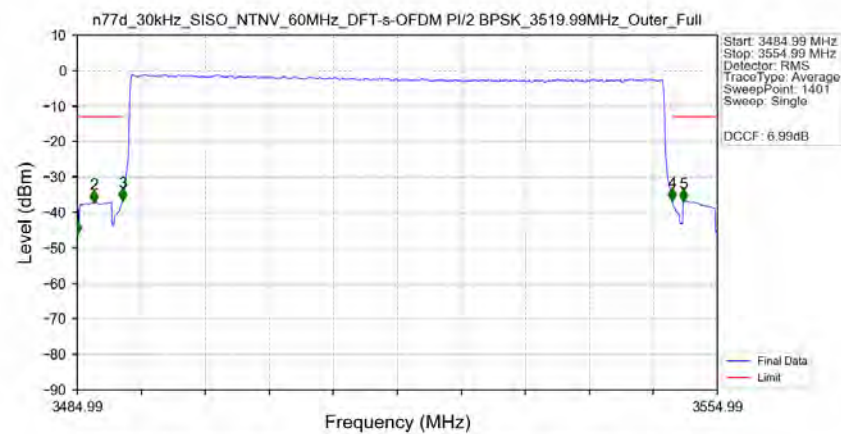
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	898.100	-62.10	-13	Pass

n77d 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz Edge 1RB Right Ant1



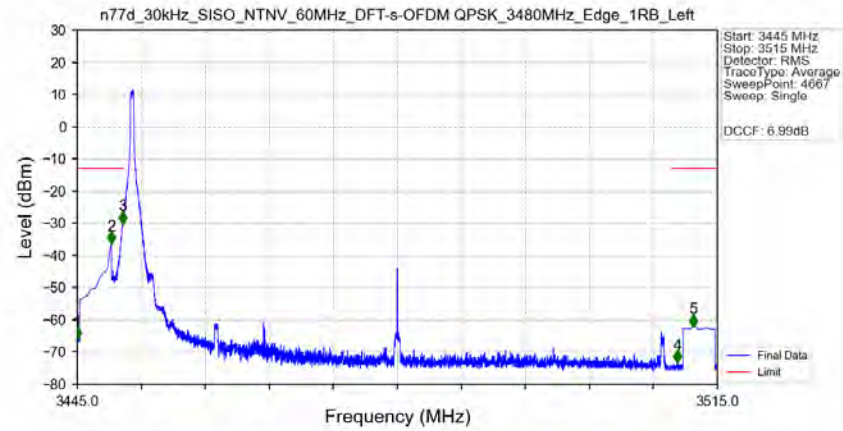
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3484.99	1	/	1	3242.000	-47.12	-13	Pass
3484.99	3554.99	1	/	/	/	/	/	/
3554.99	35500	1	/	2	35445.500	-47.02	-13	Pass

n77d 30kHz SISO NTN 60MHz DFT-s-OFDM PI/2 BPSK 3519.99MHz Outer Full Ant1



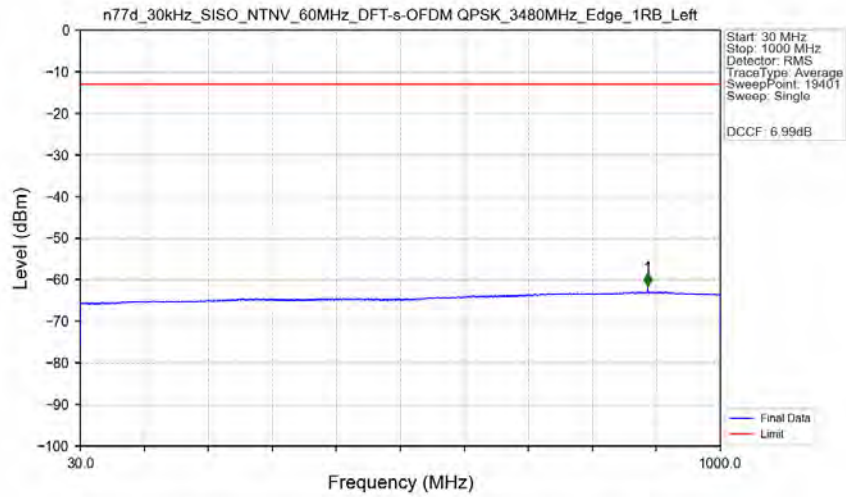
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-45.77	-13	Pass
3484.99	3488.99	0.5	CHP	2	3486.840	-37.00	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-36.46	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-36.51	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.240	-36.65	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



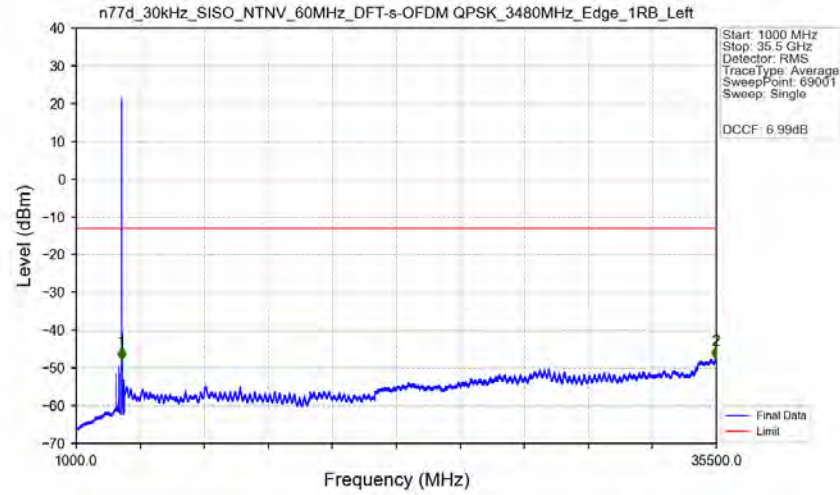
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-65.84	-13	Pass
3445	3449	0.5	CHP	2	3448.736	-36.23	-13	Pass
3449	3450	0.03	/	3	3449.936	-29.97	-13	Pass
3450	3510	0.03	/	/	/	/	/	/
3510	3511	0.03	/	4	3510.634	-73.02	-13	Pass
3511	3515	0.5	CHP	5	3512.345	-61.92	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



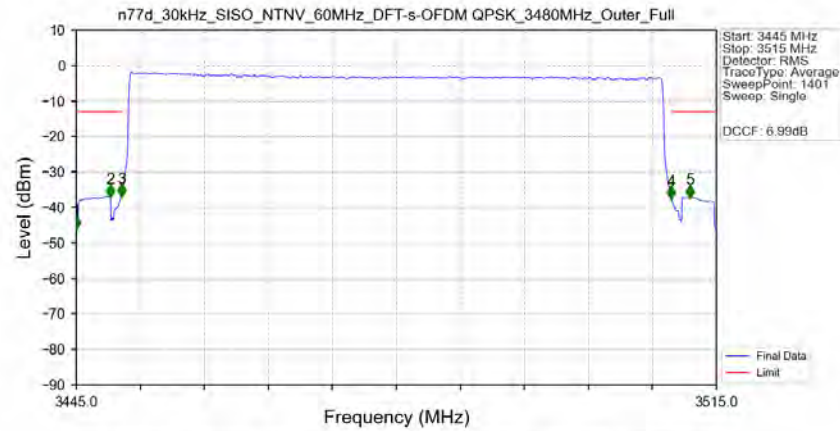
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.450	-61.56	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



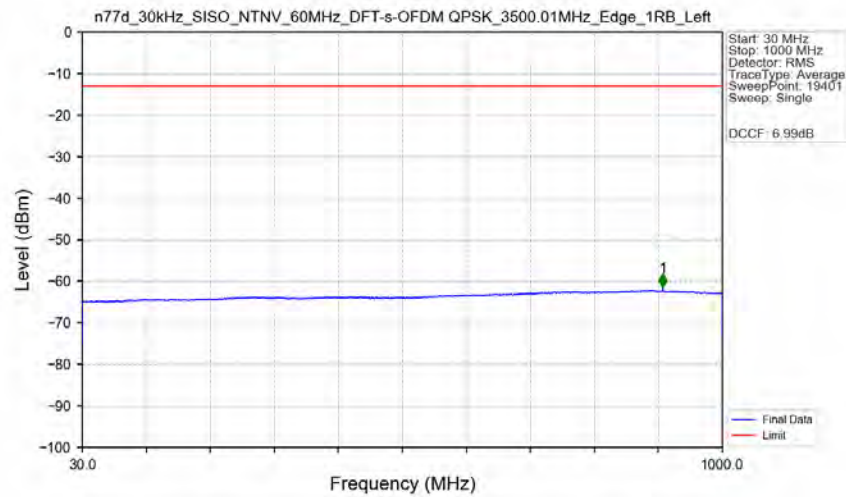
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445	1	/	1	3442.000	-47.86	-13	Pass
3445	3515	1	/	/	/	/	/	/
3515	35500	1	/	2	35477.000	-47.61	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Outer_Full_Ant1

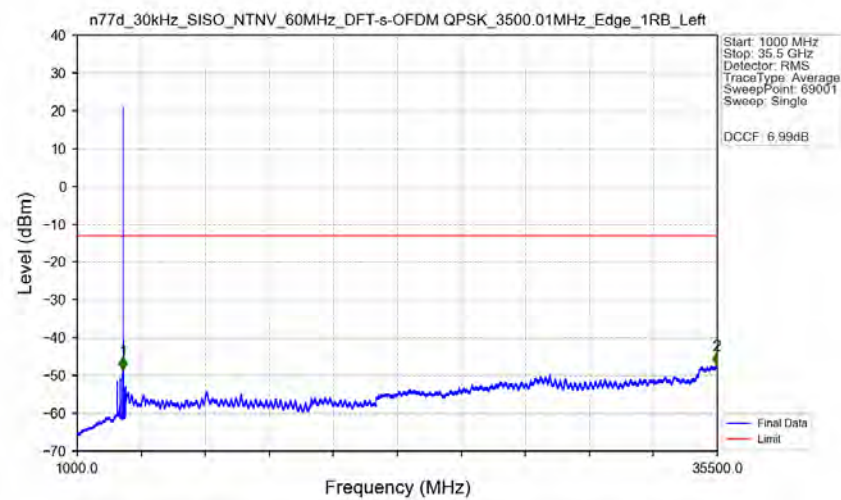


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-45.78	-13	Pass
3445	3449	0.5	CHP	2	3448.750	-36.82	-13	Pass
3449	3450	0.2	CHP	3	3449.950	-36.65	-13	Pass
3450	3510	0.2	CHP	/	/	/	/	/
3510	3511	0.2	CHP	4	3510.050	-37.27	-13	Pass
3511	3515	0.5	CHP	5	3512.100	-37.04	-13	Pass

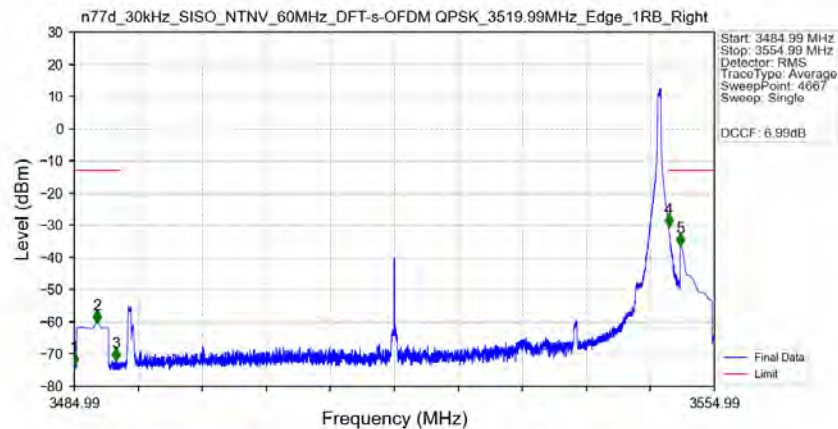
n77d 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



n77d 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1

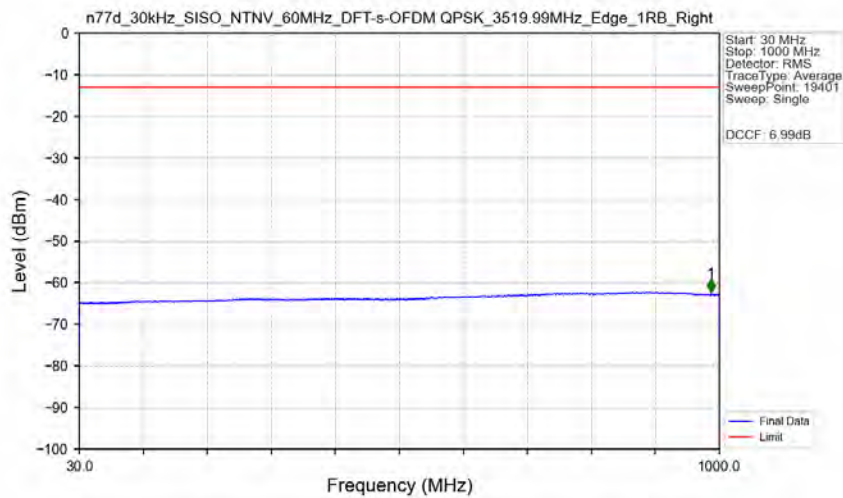


n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant1



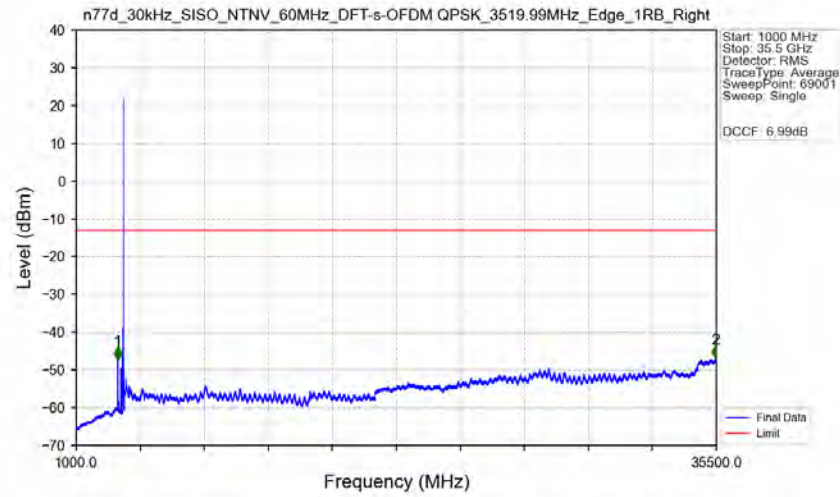
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-73.22	-13	Pass
3484.99	3488.99	0.5	CHP	2	3487.450	-60.16	-13	Pass
3488.99	3489.99	0.03	/	3	3489.521	-71.95	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3549.994	-30.32	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-36.14	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant1



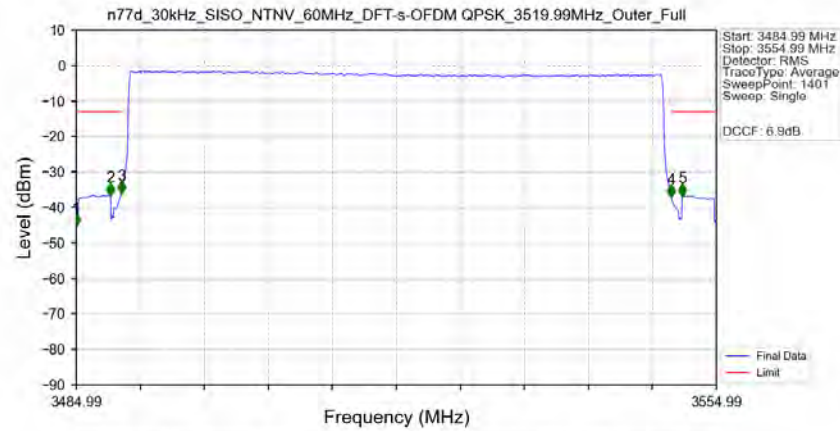
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	987.350	-62.17	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Edge_1RB_Right Ant1



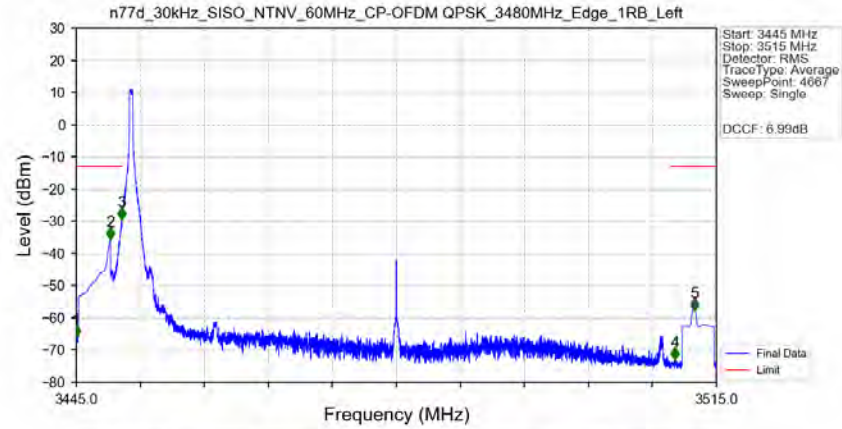
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3484.99	1	/	1	3242.000	-47.34	-13	Pass
3484.99	3554.99	1	/	/	/	/	/	/
3554.99	35500	1	/	2	35461.000	-46.86	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Outer_Full_Ant1



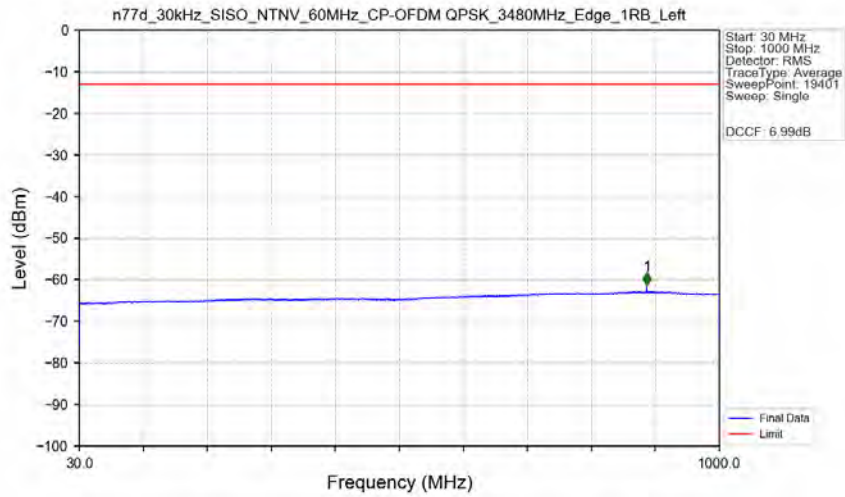
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-45.09	-13	Pass
3484.99	3488.99	0.5	CHP	2	3488.740	-36.40	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-35.88	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-36.98	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.240	-36.58	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



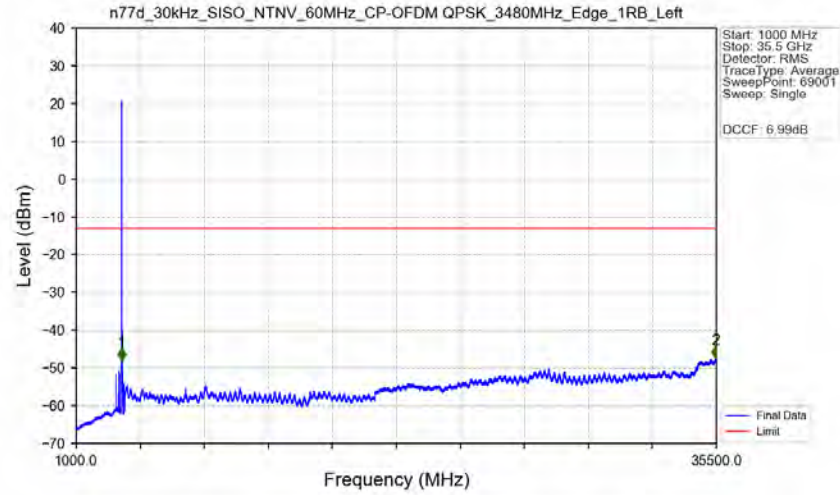
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-65.76	-13	Pass
3445	3449	0.5	CHP	2	3448.736	-35.41	-13	Pass
3449	3450	0.03	/	3	3449.996	-29.39	-13	Pass
3450	3510	0.03	/	/	/	/	/	/
3510	3511	0.03	/	4	3510.454	-72.88	-13	Pass
3511	3515	0.5	CHP	5	3512.585	-57.49	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



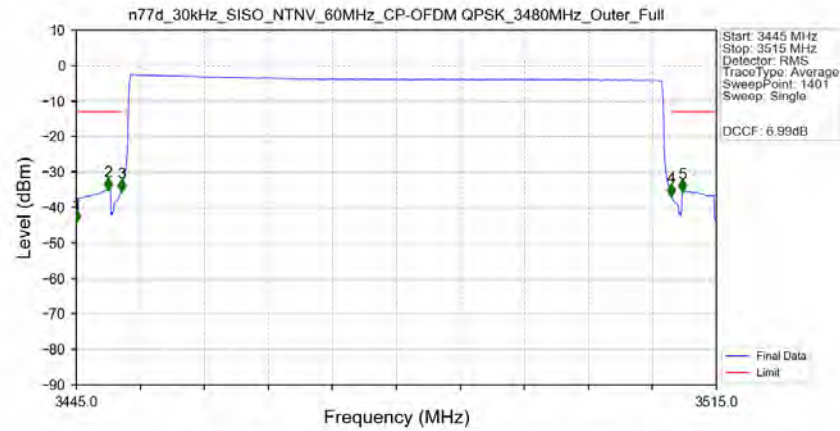
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.050	-61.28	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



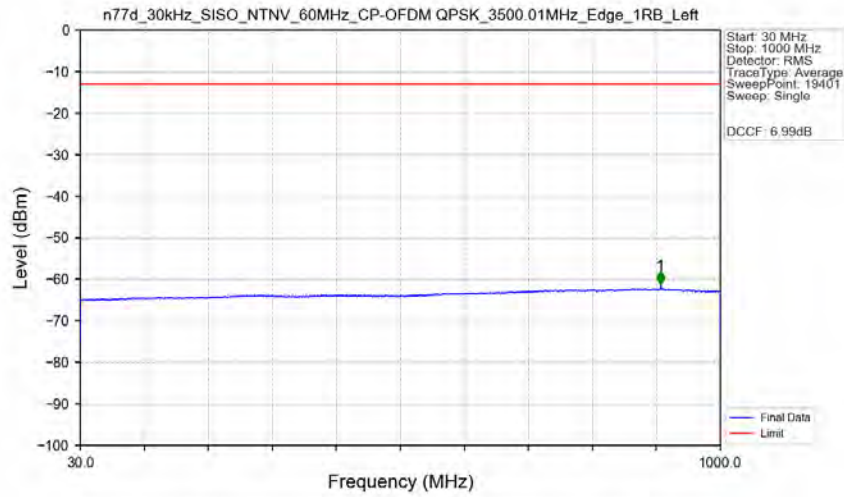
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445	1	/	1	3441.500	-48.12	-13	Pass
3445	3515	1	/	/	/	/	/	/
3515	35500	1	/	2	35458.000	-47.50	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full_Ant1

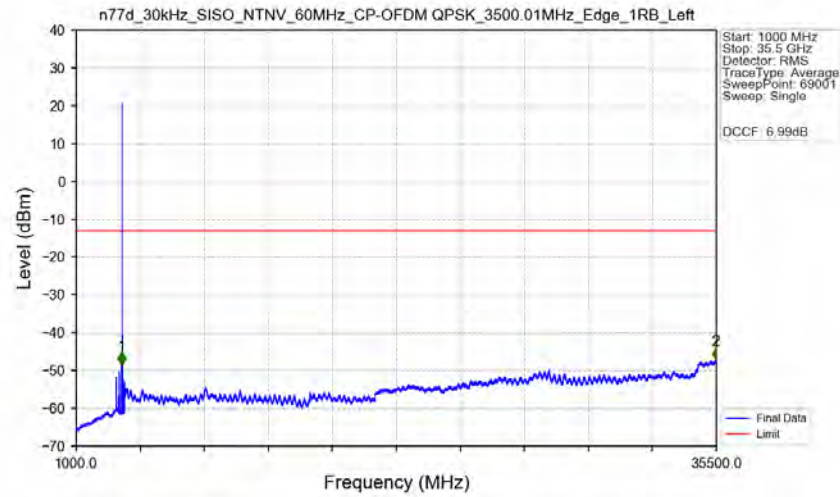


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-43.91	-13	Pass
3445	3449	0.5	CHP	2	3448.500	-34.86	-13	Pass
3449	3450	0.2	CHP	3	3449.950	-35.33	-13	Pass
3450	3510	0.2	CHP	/	/	/	/	/
3510	3511	0.2	CHP	4	3510.050	-36.60	-13	Pass
3511	3515	0.5	CHP	5	3511.250	-35.36	-13	Pass

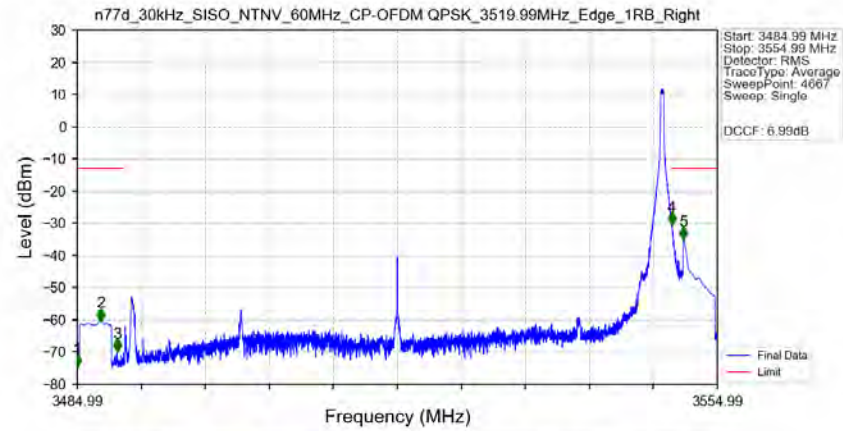
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1

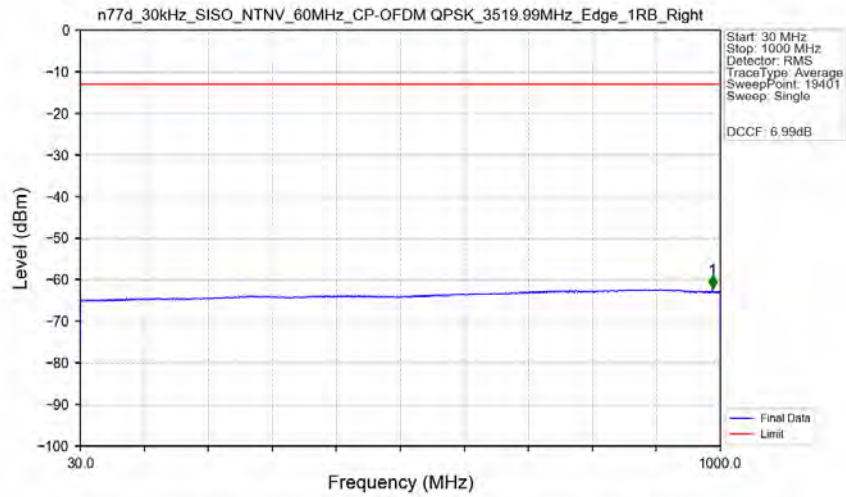


n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant1



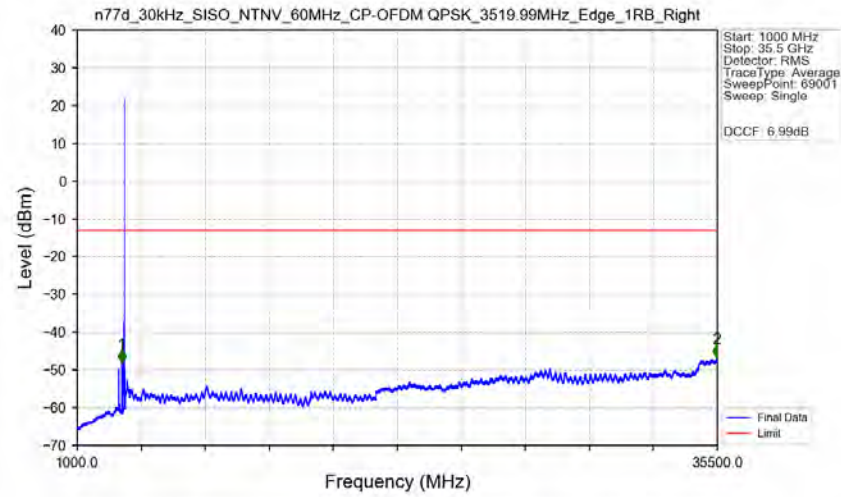
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-74.17	-13	Pass
3484.99	3488.99	0.5	CHP	2	3487.540	-60.03	-13	Pass
3488.99	3489.99	0.03	/	3	3489.356	-69.60	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3549.994	-30.24	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-34.75	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant1



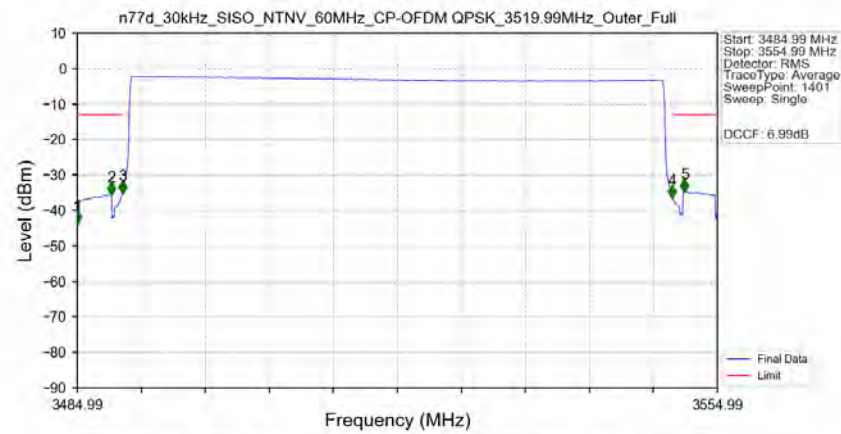
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	988.100	-62.13	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right Ant1



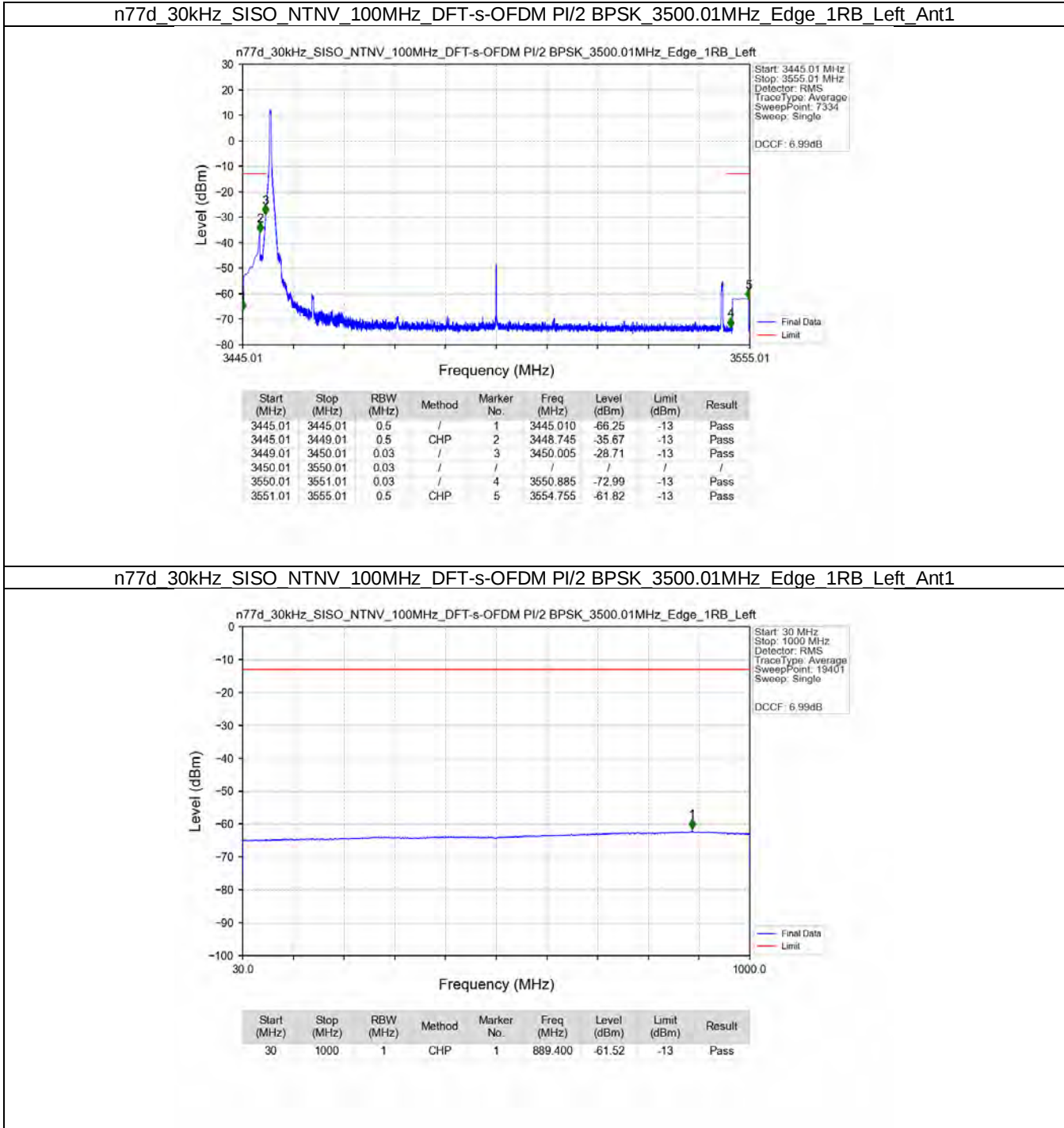
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3484.99	1	/	1	3395.500	-48.16	-13	Pass
3484.99	3554.99	1	/	/	/	/	/	/
3554.99	35500	1	/	2	35477.500	-46.61	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Outer_Full_Ant1

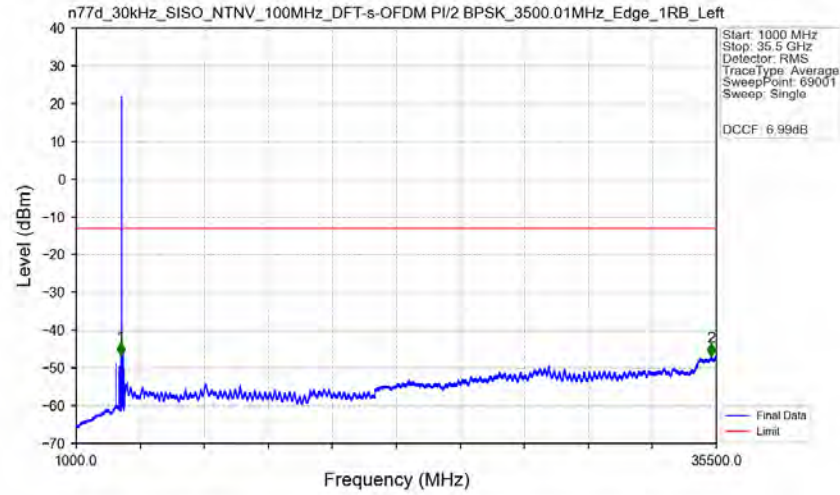


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-43.47	-13	Pass
3484.99	3488.99	0.5	CHP	2	3488.740	-35.37	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-34.94	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-36.22	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.390	-34.62	-13	Pass

5.2.3 30k_SISO_100MHz_NTNV

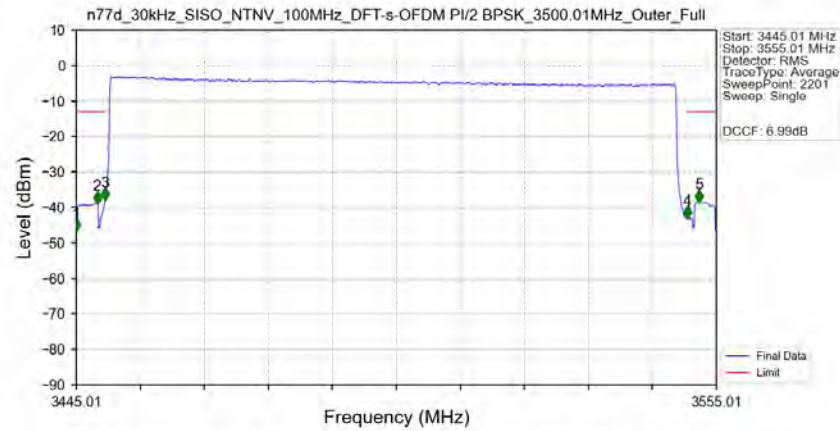


n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1



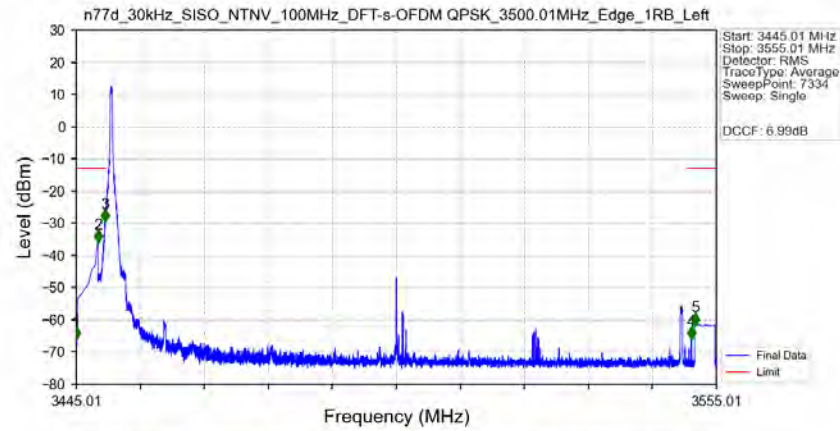
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3402.000	-46.73	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35206.000	-46.88	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Outer_Full_Ant1



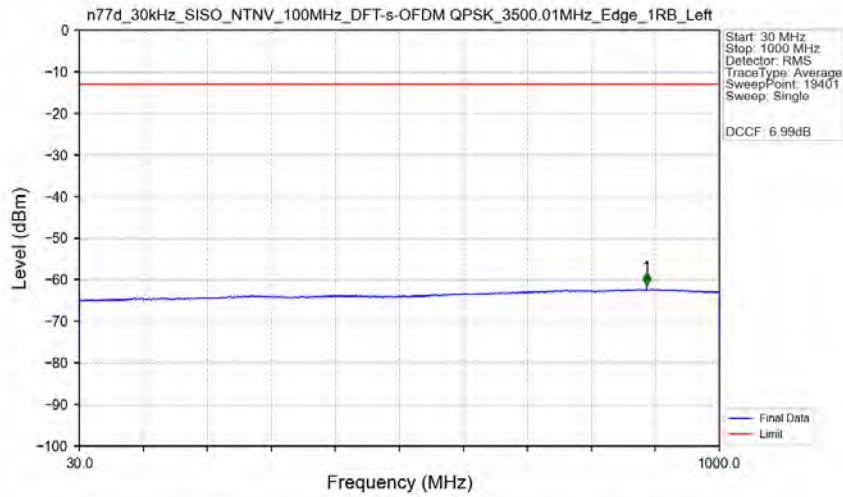
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-46.53	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.610	-38.70	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-37.80	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-42.87	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.960	-38.31	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



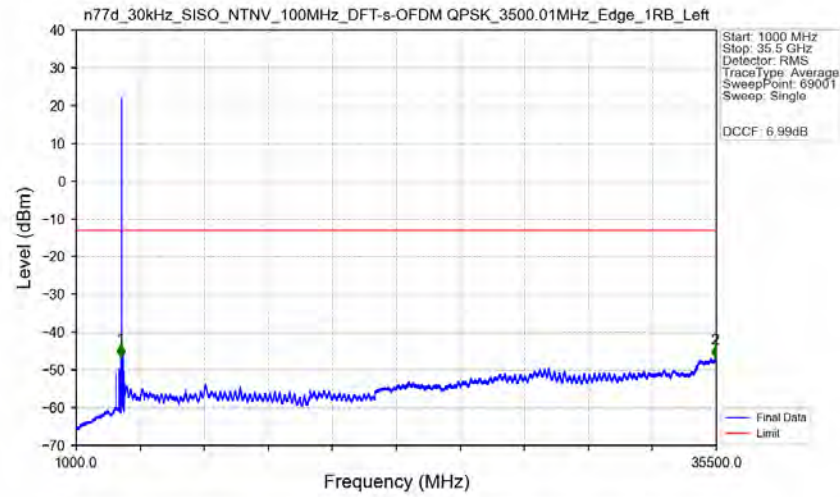
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-65.72	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-35.67	-13	Pass
3449.01	3450.01	0.03	/	3	3449.990	-29.29	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.720	-65.85	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.410	-61.46	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



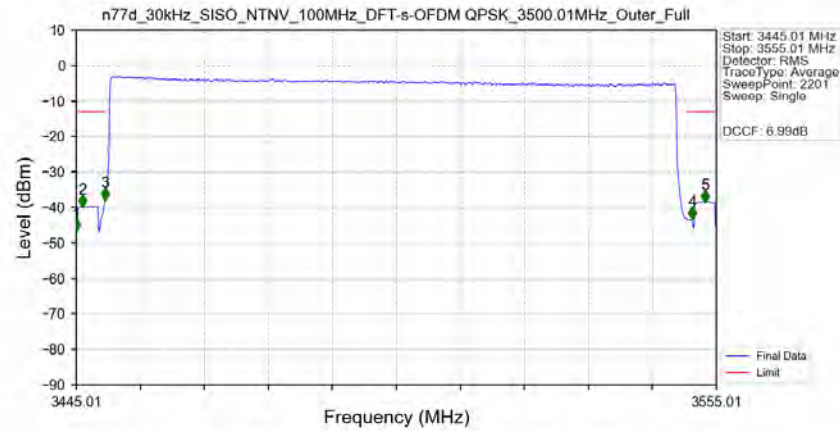
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.950	-61.33	-13	Pass

n77d 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left Ant1



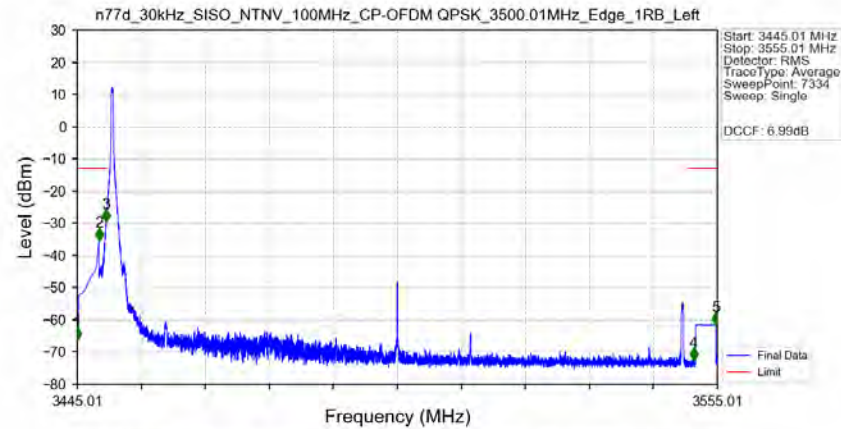
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3402.000	-46.64	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35444.000	-46.87	-13	Pass

n77d 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3500.01MHz Outer_Full Ant1



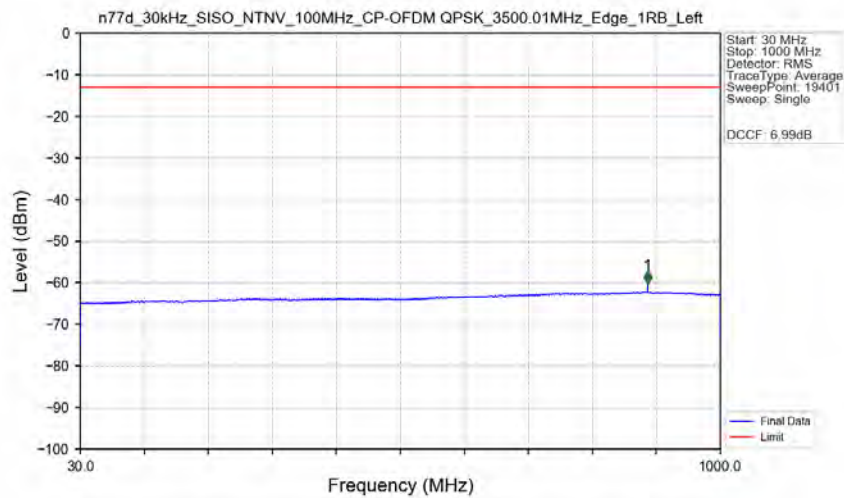
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-46.57	-13	Pass
3445.01	3449.01	0.5	CHP	2	3446.060	-39.65	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-37.80	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.910	-43.17	-13	Pass
3551.01	3555.01	0.5	CHP	5	3553.060	-38.39	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



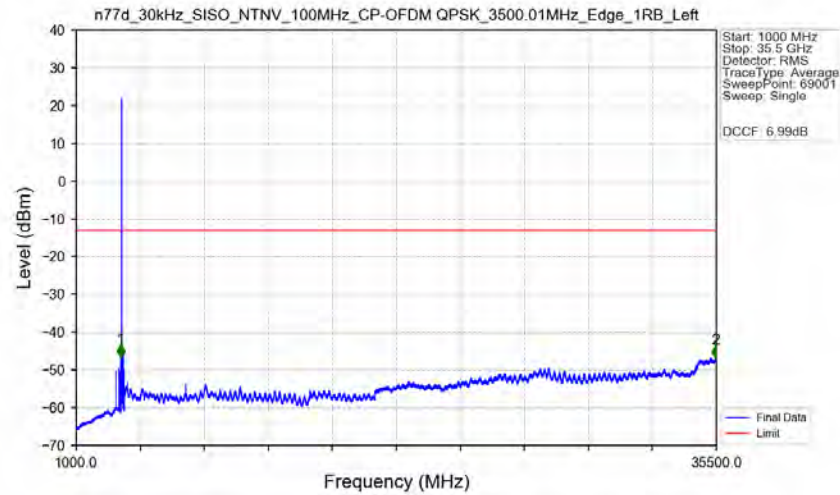
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-65.89	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-35.13	-13	Pass
3449.01	3450.01	0.03	/	3	3450.005	-29.34	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.915	-72.44	-13	Pass
3551.01	3555.01	0.5	CHP	5	3554.740	-61.30	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



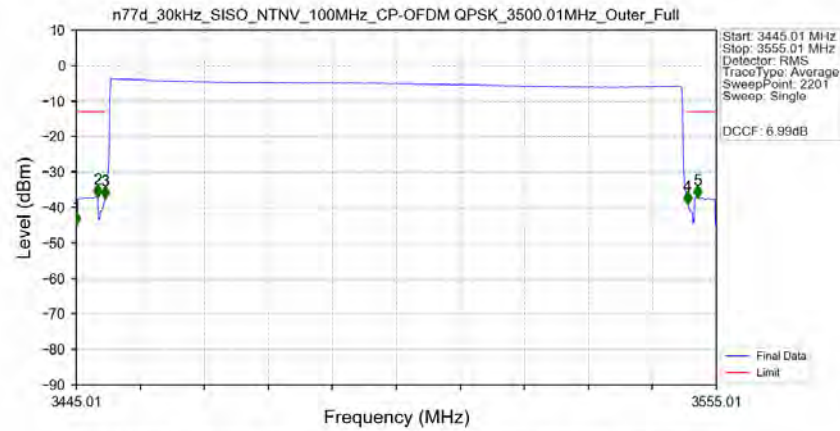
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.500	-60.17	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3402.000	-46.72	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35457.000	-46.81	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-44.62	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.710	-36.84	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-37.34	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-38.83	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.760	-37.15	-13	Pass

6. Field Strength of Spurious Radiation

NR N77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810.0	-53.98	-13	-40.98	-59.98	4.89	10.89	Horizontal	Pass
10215.0	-53.29	-13	-40.29	-60.87	5.49	13.07	Horizontal	Pass
13620.0	-49.24	-13	-36.24	-57.43	6.07	14.26	Horizontal	Pass
6810.0	-55.75	-13	-42.75	-61.75	4.89	10.89	Vertical	Pass
10215.0	-53.35	-13	-40.35	-60.93	5.49	13.07	Vertical	Pass
13620.0	-51.78	-13	-38.78	-59.97	6.07	14.26	Vertical	Pass

NR N77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910.0	-53.61	-13	-40.61	-59.71	4.91	11.01	Horizontal	Pass
10365.0	-53.84	-13	-40.84	-61.42	5.52	13.1	Horizontal	Pass
13820.0	-51.52	-13	-38.52	-59.69	6.21	14.38	Horizontal	Pass
6910.0	-54.53	-13	-41.53	-60.63	4.91	11.01	Vertical	Pass
10365.0	-54.17	-13	-41.17	-61.75	5.52	13.1	Vertical	Pass
13820.0	-50.09	-13	-37.09	-58.26	6.21	14.38	Vertical	Pass

NR N77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010.0	-54.68	-13	-41.68	-60.9	4.92	11.14	Horizontal	Pass
10515.0	-54.12	-13	-41.12	-61.69	5.55	13.12	Horizontal	Pass
14020.0	-51.73	-13	-38.73	-59.86	6.35	14.48	Horizontal	Pass
7010.0	-54.59	-13	-41.59	-60.81	4.92	11.14	Vertical	Pass
10515.0	-53.56	-13	-40.56	-61.13	5.55	13.12	Vertical	Pass
14020.0	-52.44	-13	-39.44	-60.57	6.35	14.48	Vertical	Pass

NSA_2A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-56.82	-13	-43.82	-62.82	4.89	10.89	Horizontal	Pass
10215	-55.47	-13	-42.47	-63.05	5.49	13.07	Horizontal	Pass
13620	-52.51	-13	-39.51	-60.7	6.07	14.26	Horizontal	Pass
6810	-54.95	-13	-41.95	-60.95	4.89	10.89	Vertical	Pass
10215	-54.82	-13	-41.82	-62.4	5.49	13.07	Vertical	Pass
13620	-52.06	-13	-39.06	-60.25	6.07	14.26	Vertical	Pass

NSA_2A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-54.12	-13	-41.12	-60.22	4.91	11.01	Horizontal	Pass
10365	-53.83	-13	-40.83	-61.41	5.52	13.1	Horizontal	Pass
13820	-52.7	-13	-39.7	-60.87	6.21	14.38	Horizontal	Pass
6910	-54.42	-13	-41.42	-60.52	4.91	11.01	Vertical	Pass
10365	-54.05	-13	-41.05	-61.63	5.52	13.1	Vertical	Pass
13820	-52.97	-13	-39.97	-61.14	6.21	14.38	Vertical	Pass

NSA_2A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-55.26	-13	-42.26	-61.48	4.92	11.14	Horizontal	Pass
10515	-52.23	-13	-39.23	-59.8	5.55	13.12	Horizontal	Pass
14020	-51.83	-13	-38.83	-59.96	6.35	14.48	Horizontal	Pass
7010	-52.17	-13	-39.17	-58.39	4.92	11.14	Vertical	Pass
10515	-53.47	-13	-40.47	-61.04	5.55	13.12	Vertical	Pass
14020	-52.26	-13	-39.26	-60.39	6.35	14.48	Vertical	Pass

NSA_5A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-56.17	-13	-43.17	-62.17	4.89	10.89	Horizontal	Pass
10215	-52.45	-13	-39.45	-60.03	5.49	13.07	Horizontal	Pass
13620	-53.43	-13	-40.43	-61.62	6.07	14.26	Horizontal	Pass
6810	-56.3	-13	-43.3	-62.3	4.89	10.89	Vertical	Pass
10215	-54.88	-13	-41.88	-62.46	5.49	13.07	Vertical	Pass
13620	-52.33	-13	-39.33	-60.52	6.07	14.26	Vertical	Pass

NSA_5A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-55.93	-13	-42.93	-62.03	4.91	11.01	Horizontal	Pass
10365	-54.96	-13	-41.96	-62.54	5.52	13.1	Horizontal	Pass
13820	-50.84	-13	-37.84	-59.01	6.21	14.38	Horizontal	Pass
6910	-55.62	-13	-42.62	-61.72	4.91	11.01	Vertical	Pass
10365	-54.75	-13	-41.75	-62.33	5.52	13.1	Vertical	Pass
13820	-52.15	-13	-39.15	-60.32	6.21	14.38	Vertical	Pass

NSA_5A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-55.28	-13	-42.28	-61.5	4.92	11.14	Horizontal	Pass
10515	-55.91	-13	-42.91	-63.48	5.55	13.12	Horizontal	Pass
14020	-50.84	-13	-37.84	-58.97	6.35	14.48	Horizontal	Pass
7010	-54.75	-13	-41.75	-60.97	4.92	11.14	Vertical	Pass
10515	-55.14	-13	-42.14	-62.71	5.55	13.12	Vertical	Pass
14020	-50.01	-13	-37.01	-58.14	6.35	14.48	Vertical	Pass

NSA_7A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-55.09	-13	-42.09	-61.09	4.89	10.89	Horizontal	Pass
10215	-54.34	-13	-41.34	-61.92	5.49	13.07	Horizontal	Pass
13620	-52.37	-13	-39.37	-60.56	6.07	14.26	Horizontal	Pass
6810	-53.82	-13	-40.82	-59.82	4.89	10.89	Vertical	Pass
10215	-54.79	-13	-41.79	-62.37	5.49	13.07	Vertical	Pass
13620	-52.34	-13	-39.34	-60.53	6.07	14.26	Vertical	Pass

NSA_7A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-55.65	-13	-42.65	-61.75	4.91	11.01	Horizontal	Pass
10365	-54.39	-13	-41.39	-61.97	5.52	13.1	Horizontal	Pass
13820	-53.76	-13	-40.76	-61.93	6.21	14.38	Horizontal	Pass
6910	-56.11	-13	-43.11	-62.21	4.91	11.01	Vertical	Pass
10365	-54.26	-13	-41.26	-61.84	5.52	13.1	Vertical	Pass
13820	-52.41	-13	-39.41	-60.58	6.21	14.38	Vertical	Pass

NSA_7A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-55.3	-13	-42.3	-61.52	4.92	11.14	Horizontal	Pass
10515	-56.49	-13	-43.49	-64.06	5.55	13.12	Horizontal	Pass
14020	-51.7	-13	-38.7	-59.83	6.35	14.48	Horizontal	Pass
7010	-54.58	-13	-41.58	-60.8	4.92	11.14	Vertical	Pass
10515	-54.71	-13	-41.71	-62.28	5.55	13.12	Vertical	Pass
14020	-51.77	-13	-38.77	-59.9	6.35	14.48	Vertical	Pass

NSA_12A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-56.97	-13	-43.97	-62.97	4.89	10.89	Horizontal	Pass
10215	-55.45	-13	-42.45	-63.03	5.49	13.07	Horizontal	Pass
13620	-50.21	-13	-37.21	-58.4	6.07	14.26	Horizontal	Pass
6810	-56.31	-13	-43.31	-62.31	4.89	10.89	Vertical	Pass
10215	-54.47	-13	-41.47	-62.05	5.49	13.07	Vertical	Pass
13620	-51.8	-13	-38.8	-59.99	6.07	14.26	Vertical	Pass

NSA_12A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-55.26	-13	-42.26	-61.36	4.91	11.01	Horizontal	Pass
10365	-54.92	-13	-41.92	-62.5	5.52	13.1	Horizontal	Pass
13820	-50.63	-13	-37.63	-58.8	6.21	14.38	Horizontal	Pass
6910	-53.79	-13	-40.79	-59.89	4.91	11.01	Vertical	Pass
10365	-54.03	-13	-41.03	-61.61	5.52	13.1	Vertical	Pass
13820	-51.93	-13	-38.93	-60.1	6.21	14.38	Vertical	Pass

NSA_12A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-54.44	-13	-41.44	-60.66	4.92	11.14	Horizontal	Pass
10515	-56.15	-13	-43.15	-63.72	5.55	13.12	Horizontal	Pass
14020	-50.55	-13	-37.55	-58.68	6.35	14.48	Horizontal	Pass
7010	-54.77	-13	-41.77	-60.99	4.92	11.14	Vertical	Pass
10515	-54.28	-13	-41.28	-61.85	5.55	13.12	Vertical	Pass
14020	-49.34	-13	-36.34	-57.47	6.35	14.48	Vertical	Pass

NSA_13A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-56.17	-13	-43.17	-62.17	4.89	10.89	Horizontal	Pass
10215	-54.01	-13	-41.01	-61.59	5.49	13.07	Horizontal	Pass
13620	-51.11	-13	-38.11	-59.3	6.07	14.26	Horizontal	Pass
6810	-56.12	-13	-43.12	-62.12	4.89	10.89	Vertical	Pass
10215	-54.36	-13	-41.36	-61.94	5.49	13.07	Vertical	Pass
13620	-52.81	-13	-39.81	-61.0	6.07	14.26	Vertical	Pass

NSA_13A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-52.92	-13	-39.92	-59.02	4.91	11.01	Horizontal	Pass
10365	-55.1	-13	-42.1	-62.68	5.52	13.1	Horizontal	Pass
13820	-52.58	-13	-39.58	-60.75	6.21	14.38	Horizontal	Pass
6910	-54.38	-13	-41.38	-60.48	4.91	11.01	Vertical	Pass
10365	-55.59	-13	-42.59	-63.17	5.52	13.1	Vertical	Pass
13820	-51.18	-13	-38.18	-59.35	6.21	14.38	Vertical	Pass

NSA_13A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-54.37	-13	-41.37	-60.59	4.92	11.14	Horizontal	Pass
10515	-55.16	-13	-42.16	-62.73	5.55	13.12	Horizontal	Pass
14020	-51.4	-13	-38.4	-59.53	6.35	14.48	Horizontal	Pass
7010	-55.74	-13	-42.74	-61.96	4.92	11.14	Vertical	Pass
10515	-55.09	-13	-42.09	-62.66	5.55	13.12	Vertical	Pass
14020	-51.02	-13	-38.02	-59.15	6.35	14.48	Vertical	Pass

NSA_14A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-56.47	-13	-43.47	-62.47	4.89	10.89	Horizontal	Pass
10215	-56.22	-13	-43.22	-63.8	5.49	13.07	Horizontal	Pass
13620	-52.94	-13	-39.94	-61.13	6.07	14.26	Horizontal	Pass
6810	-55.61	-13	-42.61	-61.61	4.89	10.89	Vertical	Pass
10215	-52.84	-13	-39.84	-60.42	5.49	13.07	Vertical	Pass
13620	-49.89	-13	-36.89	-58.08	6.07	14.26	Vertical	Pass

NSA_14A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-55.45	-13	-42.45	-61.55	4.91	11.01	Horizontal	Pass
10365	-54.51	-13	-41.51	-62.09	5.52	13.1	Horizontal	Pass
13820	-51.2	-13	-38.2	-59.37	6.21	14.38	Horizontal	Pass
6910	-55.97	-13	-42.97	-62.07	4.91	11.01	Vertical	Pass
10365	-54.54	-13	-41.54	-62.12	5.52	13.1	Vertical	Pass
13820	-50.16	-13	-37.16	-58.33	6.21	14.38	Vertical	Pass

NSA_14A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-53.71	-13	-40.71	-59.93	4.92	11.14	Horizontal	Pass
10515	-55.38	-13	-42.38	-62.95	5.55	13.12	Horizontal	Pass
14020	-51.22	-13	-38.22	-59.35	6.35	14.48	Horizontal	Pass
7010	-55.55	-13	-42.55	-61.77	4.92	11.14	Vertical	Pass
10515	-53.54	-13	-40.54	-61.11	5.55	13.12	Vertical	Pass
14020	-53.25	-13	-40.25	-61.38	6.35	14.48	Vertical	Pass

NSA_25A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-55.25	-13	-42.25	-61.25	4.89	10.89	Horizontal	Pass
10215	-53.94	-13	-40.94	-61.52	5.49	13.07	Horizontal	Pass
13620	-50.27	-13	-37.27	-58.46	6.07	14.26	Horizontal	Pass
6810	-55.78	-13	-42.78	-61.78	4.89	10.89	Vertical	Pass
10215	-53.67	-13	-40.67	-61.25	5.49	13.07	Vertical	Pass
13620	-52.56	-13	-39.56	-60.75	6.07	14.26	Vertical	Pass

NSA_25A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-55.3	-13	-42.3	-61.4	4.91	11.01	Horizontal	Pass
10365	-55.69	-13	-42.69	-63.27	5.52	13.1	Horizontal	Pass
13820	-50.42	-13	-37.42	-58.59	6.21	14.38	Horizontal	Pass
6910	-55.55	-13	-42.55	-61.65	4.91	11.01	Vertical	Pass
10365	-53.78	-13	-40.78	-61.36	5.52	13.1	Vertical	Pass
13820	-51.37	-13	-38.37	-59.54	6.21	14.38	Vertical	Pass

NSA_25A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-54.55	-13	-41.55	-60.77	4.92	11.14	Horizontal	Pass
10515	-55.68	-13	-42.68	-63.25	5.55	13.12	Horizontal	Pass
14020	-49.93	-13	-36.93	-58.06	6.35	14.48	Horizontal	Pass
7010	-54.43	-13	-41.43	-60.65	4.92	11.14	Vertical	Pass
10515	-56.51	-13	-43.51	-64.08	5.55	13.12	Vertical	Pass
14020	-50.86	-13	-37.86	-58.99	6.35	14.48	Vertical	Pass

NSA_41A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-56.03	-13	-43.03	-62.03	4.89	10.89	Horizontal	Pass
10215	-55.75	-13	-42.75	-63.33	5.49	13.07	Horizontal	Pass
13620	-53.28	-13	-40.28	-61.47	6.07	14.26	Horizontal	Pass
6810	-55.91	-13	-42.91	-61.91	4.89	10.89	Vertical	Pass
10215	-54.2	-13	-41.2	-61.78	5.49	13.07	Vertical	Pass
13620	-52.4	-13	-39.4	-60.59	6.07	14.26	Vertical	Pass

NSA_41A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-54.94	-13	-41.94	-61.04	4.91	11.01	Horizontal	Pass
10365	-54.17	-13	-41.17	-61.75	5.52	13.1	Horizontal	Pass
13820	-51.82	-13	-38.82	-59.99	6.21	14.38	Horizontal	Pass
6910	-55.04	-13	-42.04	-61.14	4.91	11.01	Vertical	Pass
10365	-55.01	-13	-42.01	-62.59	5.52	13.1	Vertical	Pass
13820	-51.51	-13	-38.51	-59.68	6.21	14.38	Vertical	Pass

NSA_41A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-55.06	-13	-42.06	-61.28	4.92	11.14	Horizontal	Pass
10515	-54.67	-13	-41.67	-62.24	5.55	13.12	Horizontal	Pass
14020	-50.57	-13	-37.57	-58.7	6.35	14.48	Horizontal	Pass
7010	-54.53	-13	-41.53	-60.75	4.92	11.14	Vertical	Pass
10515	-53.82	-13	-40.82	-61.39	5.55	13.12	Vertical	Pass
14020	-51.94	-13	-38.94	-60.07	6.35	14.48	Vertical	Pass

NSA_66A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-54.98	-13	-41.98	-60.98	4.89	10.89	Horizontal	Pass
10215	-55.56	-13	-42.56	-63.14	5.49	13.07	Horizontal	Pass
13620	-51.99	-13	-38.99	-60.18	6.07	14.26	Horizontal	Pass
6810	-55.26	-13	-42.26	-61.26	4.89	10.89	Vertical	Pass
10215	-54.86	-13	-41.86	-62.44	5.49	13.07	Vertical	Pass
13620	-50.53	-13	-37.53	-58.72	6.07	14.26	Vertical	Pass

NSA_66A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-54.55	-13	-41.55	-60.65	4.91	11.01	Horizontal	Pass
10365	-55.53	-13	-42.53	-63.11	5.52	13.1	Horizontal	Pass
13820	-51.4	-13	-38.4	-59.57	6.21	14.38	Horizontal	Pass
6910	-54.49	-13	-41.49	-60.59	4.91	11.01	Vertical	Pass
10365	-55.03	-13	-42.03	-62.61	5.52	13.1	Vertical	Pass
13820	-51.23	-13	-38.23	-59.4	6.21	14.38	Vertical	Pass

NSA_66A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-52.88	-13	-39.88	-59.1	4.92	11.14	Horizontal	Pass
10515	-54.54	-13	-41.54	-62.11	5.55	13.12	Horizontal	Pass
14020	-51.59	-13	-38.59	-59.72	6.35	14.48	Horizontal	Pass
7010	-56.44	-13	-43.44	-62.66	4.92	11.14	Vertical	Pass
10515	-56.75	-13	-43.75	-64.32	5.55	13.12	Vertical	Pass
14020	-51.26	-13	-38.26	-59.39	6.35	14.48	Vertical	Pass

NSA_71A_n77a(3450-3550MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6810	-55.38	-13	-42.38	-61.38	4.89	10.89	Horizontal	Pass
10215	-55.07	-13	-42.07	-62.65	5.49	13.07	Horizontal	Pass
13620	-51.6	-13	-38.6	-59.79	6.07	14.26	Horizontal	Pass
6810	-56.05	-13	-43.05	-62.05	4.89	10.89	Vertical	Pass
10215	-53.79	-13	-40.79	-61.37	5.49	13.07	Vertical	Pass
13620	-52.26	-13	-39.26	-60.45	6.07	14.26	Vertical	Pass

NSA_71A_n77a(3450-3550MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910	-54.92	-13	-41.92	-61.02	4.91	11.01	Horizontal	Pass
10365	-55.78	-13	-42.78	-63.36	5.52	13.1	Horizontal	Pass
13820	-53.3	-13	-40.3	-61.47	6.21	14.38	Horizontal	Pass
6910	-53.84	-13	-40.84	-59.94	4.91	11.01	Vertical	Pass
10365	-54.46	-13	-41.46	-62.04	5.52	13.1	Vertical	Pass
13820	-50.07	-13	-37.07	-58.24	6.21	14.38	Vertical	Pass

NSA_71A_n77a(3450-3550MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7010	-55.4	-13	-42.4	-61.62	4.92	11.14	Horizontal	Pass
10515	-55.62	-13	-42.62	-63.19	5.55	13.12	Horizontal	Pass
14020	-52.31	-13	-39.31	-60.44	6.35	14.48	Horizontal	Pass
7010	-55.12	-13	-42.12	-61.34	4.92	11.14	Vertical	Pass
10515	-56.27	-13	-43.27	-63.84	5.55	13.12	Vertical	Pass
14020	-51.67	-13	-38.67	-59.8	6.35	14.48	Vertical	Pass