

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_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	Outer_Full	24.77	/	/	27.27	/	/	<=30	Pass
		Inner_Full	25.25	/	/	27.75	/	/	<=30	Pass
		Inner_1RB_Left	25.18	/	/	27.68	/	/	<=30	Pass
		Inner_1RB_Right	25.33	/	/	27.83	/	/	<=30	Pass
	3500.01	Outer_Full	24.88	/	/	27.38	/	/	<=30	Pass
		Inner_Full	25.42	/	/	27.92	/	/	<=30	Pass
		Inner_1RB_Left	25.39	/	/	27.89	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	27.91	/	/	<=30	Pass
	3544.98	Outer_Full	24.81	/	/	27.31	/	/	<=30	Pass
		Inner_Full	25.39	/	/	27.89	/	/	<=30	Pass
		Inner_1RB_Left	25.40	/	/	27.90	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	27.79	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	24.32	/	/	26.82	/	/	<=30	Pass
		Inner_Full	25.30	/	/	27.80	/	/	<=30	Pass
		Inner_1RB_Left	25.16	/	/	27.66	/	/	<=30	Pass
		Inner_1RB_Right	25.31	/	/	27.81	/	/	<=30	Pass
	3500.01	Outer_Full	24.41	/	/	26.91	/	/	<=30	Pass
		Inner_Full	25.44	/	/	27.94	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	27.85	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	27.92	/	/	<=30	Pass
	3544.98	Outer_Full	24.31	/	/	26.81	/	/	<=30	Pass
		Inner_Full	25.32	/	/	27.82	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	27.86	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	27.79	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	23.18	/	/	25.68	/	/	<=30	Pass
		Inner_Full	24.24	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	26.92	/	/	<=30	Pass
	3500.01	Outer_Full	23.43	/	/	25.93	/	/	<=30	Pass
		Inner_Full	24.51	/	/	27.01	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	26.94	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	26.92	/	/	<=30	Pass
	3544.98	Outer_Full	23.31	/	/	25.81	/	/	<=30	Pass
		Inner_Full	24.38	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	26.88	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	22.82	/	/	25.32	/	/	<=30	Pass
		Inner_Full	22.65	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	25.30	/	/	<=30	Pass
	3500.01	Outer_Full	22.92	/	/	25.42	/	/	<=30	Pass
		Inner_Full	22.83	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	25.35	/	/	<=30	Pass
	3544.98	Outer_Full	22.80	/	/	25.30	/	/	<=30	Pass
		Inner_Full	22.78	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	22.81	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	25.33	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	20.59	/	/	23.09	/	/	<=30	Pass
		Inner_Full	20.58	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	20.48	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	23.16	/	/	<=30	Pass
	3500.01	Outer_Full	20.84	/	/	23.34	/	/	<=30	Pass
		Inner_Full	20.86	/	/	23.36	/	/	<=30	Pass

	3544.98	Inner_1RB_Left	20.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	23.32	/	/	<=30	Pass
		Outer_Full	20.81	/	/	23.31	/	/	<=30	Pass
		Inner_Full	20.68	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	23.25	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Outer_Full	22.17	/	/	24.67	/	/	<=30	Pass
		Inner_Full	23.69	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	26.32	/	/	<=30	Pass
	3500.01	Outer_Full	22.41	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.90	/	/	26.40	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	26.41	/	/	<=30	Pass
	3544.98	Outer_Full	22.32	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.83	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	26.33	/	/	<=30	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	22.19	/	/	24.69	/	/	<=30	Pass
		Inner_Full	23.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	25.88	/	/	<=30	Pass
	3500.01	Outer_Full	22.37	/	/	24.87	/	/	<=30	Pass
		Inner_Full	23.45	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	25.94	/	/	<=30	Pass
	3544.98	Outer_Full	22.34	/	/	24.84	/	/	<=30	Pass
		Inner_Full	23.35	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	25.87	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	21.68	/	/	24.18	/	/	<=30	Pass
		Inner_Full	21.62	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	24.52	/	/	<=30	Pass
	3500.01	Outer_Full	21.89	/	/	24.39	/	/	<=30	Pass
		Inner_Full	21.88	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	22.03	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	24.50	/	/	<=30	Pass
	3544.98	Outer_Full	21.82	/	/	24.32	/	/	<=30	Pass
		Inner_Full	21.77	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	24.52	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	18.65	/	/	21.15	/	/	<=30	Pass
		Inner_Full	18.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	18.80	/	/	21.30	/	/	<=30	Pass
	3500.01	Outer_Full	18.83	/	/	21.33	/	/	<=30	Pass
		Inner_Full	18.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	18.79	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Right	18.75	/	/	21.25	/	/	<=30	Pass
	3544.98	Outer_Full	18.78	/	/	21.28	/	/	<=30	Pass
		Inner_Full	18.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	18.76	/	/	21.26	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_20M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz 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	3460.02	Outer Full	24.85	/	/	27.35	/	/	<=30	Pass
		Inner Full	25.52	/	/	28.02	/	/	<=30	Pass
		Inner 1RB Left	25.29	/	/	27.79	/	/	<=30	Pass
		Inner 1RB Right	25.57	/	/	28.07	/	/	<=30	Pass
	3500.01	Outer Full	25.01	/	/	27.51	/	/	<=30	Pass
		Inner Full	25.46	/	/	27.96	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	27.86	/	/	<=30	Pass
		Inner 1RB Right	25.51	/	/	28.01	/	/	<=30	Pass
	3540	Outer Full	24.99	/	/	27.49	/	/	<=30	Pass
		Inner Full	25.38	/	/	27.88	/	/	<=30	Pass
		Inner 1RB Left	25.41	/	/	27.91	/	/	<=30	Pass
		Inner 1RB Right	25.39	/	/	27.89	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Outer Full	24.36	/	/	26.86	/	/	<=30	Pass
		Inner Full	25.51	/	/	28.01	/	/	<=30	Pass
		Inner 1RB Left	25.24	/	/	27.74	/	/	<=30	Pass
		Inner 1RB Right	25.50	/	/	28.00	/	/	<=30	Pass
	3500.01	Outer Full	24.50	/	/	27.00	/	/	<=30	Pass
		Inner Full	25.39	/	/	27.89	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	27.86	/	/	<=30	Pass
		Inner 1RB Right	25.49	/	/	27.99	/	/	<=30	Pass
	3540	Outer Full	24.56	/	/	27.06	/	/	<=30	Pass
		Inner Full	25.44	/	/	27.94	/	/	<=30	Pass
		Inner 1RB Left	25.38	/	/	27.88	/	/	<=30	Pass
		Inner 1RB Right	25.33	/	/	27.83	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer Full	23.39	/	/	25.89	/	/	<=30	Pass
		Inner Full	24.41	/	/	26.91	/	/	<=30	Pass
		Inner 1RB Left	24.29	/	/	26.79	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	27.09	/	/	<=30	Pass
	3500.01	Outer Full	23.42	/	/	25.92	/	/	<=30	Pass
		Inner Full	24.49	/	/	26.99	/	/	<=30	Pass
		Inner 1RB Left	24.38	/	/	26.88	/	/	<=30	Pass
		Inner 1RB Right	24.47	/	/	26.97	/	/	<=30	Pass
	3540	Outer Full	23.53	/	/	26.03	/	/	<=30	Pass
		Inner Full	24.57	/	/	27.07	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	26.96	/	/	<=30	Pass
		Inner 1RB Right	24.50	/	/	27.00	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer Full	22.88	/	/	25.38	/	/	<=30	Pass
		Inner Full	22.94	/	/	25.44	/	/	<=30	Pass
		Inner 1RB Left	22.75	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Right	22.99	/	/	25.49	/	/	<=30	Pass
	3500.01	Outer Full	22.92	/	/	25.42	/	/	<=30	Pass
		Inner Full	22.91	/	/	25.41	/	/	<=30	Pass
		Inner 1RB Left	22.81	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	25.42	/	/	<=30	Pass
	3540	Outer Full	23.08	/	/	25.58	/	/	<=30	Pass
		Inner Full	23.03	/	/	25.53	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	25.43	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer Full	20.86	/	/	23.36	/	/	<=30	Pass
		Inner Full	20.79	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	20.65	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Right	20.86	/	/	23.36	/	/	<=30	Pass
	3500.01	Outer Full	20.87	/	/	23.37	/	/	<=30	Pass
		Inner Full	20.92	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	20.72	/	/	23.22	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	23.40	/	/	<=30	Pass
	3540	Outer Full	20.97	/	/	23.47	/	/	<=30	Pass
		Inner Full	21.00	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Left	20.77	/	/	23.27	/	/	<=30	Pass
		Inner 1RB Right	20.83	/	/	23.33	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Outer Full	22.38	/	/	24.88	/	/	<=30	Pass
		Inner Full	23.88	/	/	26.38	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	26.23	/	/	<=30	Pass
		Inner 1RB Right	24.04	/	/	26.54	/	/	<=30	Pass

	3500.01	Outer_Full	22.49	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	26.52	/	/	<=30	Pass
	3540	Outer_Full	22.50	/	/	25.00	/	/	<=30	Pass
		Inner_Full	24.07	/	/	26.57	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	26.48	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	22.36	/	/	24.86	/	/	<=30	Pass
		Inner_Full	23.39	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	26.07	/	/	<=30	Pass
	3500.01	Outer_Full	22.41	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.41	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	25.99	/	/	<=30	Pass
	3540	Outer_Full	22.49	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.56	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	25.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	21.89	/	/	24.39	/	/	<=30	Pass
		Inner_Full	21.94	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	24.69	/	/	<=30	Pass
	3500.01	Outer_Full	21.94	/	/	24.44	/	/	<=30	Pass
		Inner_Full	21.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	21.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	24.64	/	/	<=30	Pass
	3540	Outer_Full	22.01	/	/	24.51	/	/	<=30	Pass
		Inner_Full	22.08	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	24.56	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.88	/	/	21.38	/	/	<=30	Pass
		Inner_Full	18.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	21.36	/	/	<=30	Pass
	3500.01	Outer_Full	18.85	/	/	21.35	/	/	<=30	Pass
		Inner_Full	18.93	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	18.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	21.37	/	/	<=30	Pass
	3540	Outer_Full	19.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	18.98	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	21.37	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_30M_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	Outer_Full	15.69	/	/	18.19	/	/	<=30	Pass
		Inner_Full	25.48	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	27.82	/	/	<=30	Pass
		Inner_1RB_Right	25.38	/	/	27.88	/	/	<=30	Pass
	3500.01	Outer_Full	24.93	/	/	27.43	/	/	<=30	Pass
		Inner_Full	25.41	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Left	25.45	/	/	27.95	/	/	<=30	Pass
		Inner_1RB_Right	25.51	/	/	28.01	/	/	<=30	Pass
	3534.99	Outer_Full	24.95	/	/	27.45	/	/	<=30	Pass
		Inner_Full	25.41	/	/	27.91	/	/	<=30	Pass

		Inner_1RB_Left	25.51	/	/	28.01	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	27.95	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	24.43	/	/	26.93	/	/	<=30	Pass
		Inner_Full	25.47	/	/	27.97	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	27.82	/	/	<=30	Pass
		Inner_1RB_Right	25.31	/	/	27.81	/	/	<=30	Pass
		Outer_Full	24.40	/	/	26.90	/	/	<=30	Pass
	3500.01	Inner_Full	25.35	/	/	27.85	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	27.86	/	/	<=30	Pass
		Inner_1RB_Right	25.46	/	/	27.96	/	/	<=30	Pass
		Outer_Full	24.49	/	/	26.99	/	/	<=30	Pass
	3534.99	Inner_Full	25.41	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Left	25.52	/	/	28.02	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	27.95	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	23.30	/	/	25.80	/	/	<=30	Pass
		Inner_Full	24.36	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	26.90	/	/	<=30	Pass
	3500.01	Outer_Full	23.40	/	/	25.90	/	/	<=30	Pass
		Inner_Full	24.43	/	/	26.93	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	26.98	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	26.98	/	/	<=30	Pass
	3534.99	Outer_Full	23.48	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.54	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	26.98	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	22.82	/	/	25.32	/	/	<=30	Pass
		Inner_Full	22.81	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	25.27	/	/	<=30	Pass
	3500.01	Outer_Full	22.91	/	/	25.41	/	/	<=30	Pass
		Inner_Full	22.89	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	25.43	/	/	<=30	Pass
	3534.99	Outer_Full	23.00	/	/	25.50	/	/	<=30	Pass
		Inner_Full	22.98	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	25.50	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	20.77	/	/	23.27	/	/	<=30	Pass
		Inner_Full	20.80	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	20.71	/	/	23.21	/	/	<=30	Pass
	3500.01	Outer_Full	20.88	/	/	23.38	/	/	<=30	Pass
		Inner_Full	20.80	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	20.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	23.33	/	/	<=30	Pass
	3534.99	Outer_Full	20.92	/	/	23.42	/	/	<=30	Pass
		Inner_Full	20.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	23.31	/	/	<=30	Pass
CP-OFDM QPSK	3465	Outer_Full	22.44	/	/	24.94	/	/	<=30	Pass
		Inner_Full	23.80	/	/	26.30	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	26.28	/	/	<=30	Pass
	3500.01	Outer_Full	22.40	/	/	24.90	/	/	<=30	Pass
		Inner_Full	23.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	26.33	/	/	<=30	Pass
	3534.99	Outer_Full	22.54	/	/	25.04	/	/	<=30	Pass
		Inner_Full	23.97	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	26.45	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Outer_Full	22.36	/	/	24.86	/	/	<=30	Pass
		Inner_Full	23.27	/	/	25.77	/	/	<=30	Pass

		Inner_1RB_Left	23.31	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	25.83	/	/	<=30	Pass
	3500.01	Outer_Full	22.37	/	/	24.87	/	/	<=30	Pass
		Inner_Full	23.35	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	25.94	/	/	<=30	Pass
	3534.99	Outer_Full	22.51	/	/	25.01	/	/	<=30	Pass
		Inner_Full	23.44	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	25.92	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Outer_Full	21.77	/	/	24.27	/	/	<=30	Pass
		Inner_Full	21.79	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	24.48	/	/	<=30	Pass
	3500.01	Outer_Full	21.91	/	/	24.41	/	/	<=30	Pass
		Inner_Full	21.88	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Right	22.11	/	/	24.61	/	/	<=30	Pass
	3534.99	Outer_Full	21.97	/	/	24.47	/	/	<=30	Pass
		Inner_Full	21.94	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	24.55	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Outer_Full	18.77	/	/	21.27	/	/	<=30	Pass
		Inner_Full	18.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	18.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	18.78	/	/	21.28	/	/	<=30	Pass
	3500.01	Outer_Full	18.90	/	/	21.40	/	/	<=30	Pass
		Inner_Full	18.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	18.75	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	21.31	/	/	<=30	Pass
	3534.99	Outer_Full	18.99	/	/	21.49	/	/	<=30	Pass
		Inner_Full	18.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	18.89	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	21.29	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_40M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	24.96	/	/	27.46	/	/	<=30	Pass
		Inner_Full	25.50	/	/	28.00	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	27.86	/	/	<=30	Pass
		Inner_1RB_Right	25.51	/	/	28.01	/	/	<=30	Pass
	3500.01	Outer_Full	24.95	/	/	27.45	/	/	<=30	Pass
		Inner_Full	25.44	/	/	27.94	/	/	<=30	Pass
		Inner_1RB_Left	25.41	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Right	25.57	/	/	28.07	/	/	<=30	Pass
	3529.98	Outer_Full	25.03	/	/	27.53	/	/	<=30	Pass
		Inner_Full	25.44	/	/	27.94	/	/	<=30	Pass
		Inner_1RB_Left	25.47	/	/	27.97	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	28.00	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	24.41	/	/	26.91	/	/	<=30	Pass
		Inner_Full	25.43	/	/	27.93	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	27.85	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	27.95	/	/	<=30	Pass
	3500.01	Outer_Full	24.40	/	/	26.90	/	/	<=30	Pass
		Inner_Full	25.46	/	/	27.96	/	/	<=30	Pass
		Inner_1RB_Left	25.41	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Right	25.52	/	/	28.02	/	/	<=30	Pass

	3529.98	Outer_Full	24.47	/	/	26.97	/	/	<=30	Pass
		Inner_Full	25.42	/	/	27.92	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	27.93	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	27.91	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	23.44	/	/	25.94	/	/	<=30	Pass
		Inner_Full	24.53	/	/	27.03	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	27.09	/	/	<=30	Pass
	3500.01	Outer_Full	23.40	/	/	25.90	/	/	<=30	Pass
		Inner_Full	24.39	/	/	26.89	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	27.04	/	/	<=30	Pass
	3529.98	Outer_Full	23.46	/	/	25.96	/	/	<=30	Pass
		Inner_Full	24.49	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	27.06	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	22.92	/	/	25.42	/	/	<=30	Pass
		Inner_Full	22.95	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	25.48	/	/	<=30	Pass
	3500.01	Outer_Full	22.88	/	/	25.38	/	/	<=30	Pass
		Inner_Full	22.94	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	25.53	/	/	<=30	Pass
	3529.98	Outer_Full	22.94	/	/	25.44	/	/	<=30	Pass
		Inner_Full	22.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	25.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	20.93	/	/	23.43	/	/	<=30	Pass
		Inner_Full	20.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	23.29	/	/	<=30	Pass
	3500.01	Outer_Full	20.92	/	/	23.42	/	/	<=30	Pass
		Inner_Full	20.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	23.31	/	/	<=30	Pass
	3529.98	Outer_Full	21.03	/	/	23.53	/	/	<=30	Pass
		Inner_Full	20.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	20.85	/	/	23.35	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Outer_Full	22.49	/	/	24.99	/	/	<=30	Pass
		Inner_Full	23.99	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	26.38	/	/	<=30	Pass
	3500.01	Outer_Full	22.42	/	/	24.92	/	/	<=30	Pass
		Inner_Full	23.92	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	26.47	/	/	<=30	Pass
	3529.98	Outer_Full	22.46	/	/	24.96	/	/	<=30	Pass
		Inner_Full	23.96	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	26.43	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	22.44	/	/	24.94	/	/	<=30	Pass
		Inner_Full	23.46	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	26.03	/	/	<=30	Pass
	3500.01	Outer_Full	22.39	/	/	24.89	/	/	<=30	Pass
		Inner_Full	23.42	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	25.99	/	/	<=30	Pass
	3529.98	Outer_Full	22.51	/	/	25.01	/	/	<=30	Pass
		Inner_Full	23.47	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	26.09	/	/	<=30	Pass

CP-OFDM 64 QAM	3470.01	Outer_Full	21.94	/	/	24.44	/	/	<=30	Pass
		Inner_Full	21.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	21.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	24.57	/	/	<=30	Pass
	3500.01	Outer_Full	21.93	/	/	24.43	/	/	<=30	Pass
		Inner_Full	21.91	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	24.55	/	/	<=30	Pass
	3529.98	Outer_Full	21.99	/	/	24.49	/	/	<=30	Pass
		Inner_Full	21.98	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	24.59	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	18.94	/	/	21.44	/	/	<=30	Pass
		Inner_Full	18.97	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	18.85	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	18.98	/	/	21.48	/	/	<=30	Pass
	3500.01	Outer_Full	18.94	/	/	21.44	/	/	<=30	Pass
		Inner_Full	18.92	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	18.84	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	21.41	/	/	<=30	Pass
	3529.98	Outer_Full	18.97	/	/	21.47	/	/	<=30	Pass
		Inner_Full	18.97	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	18.93	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	21.46	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_50M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	24.68	/	/	27.18	/	/	<=30	Pass
		Inner_Full	25.18	/	/	27.68	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	27.65	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	27.66	/	/	<=30	Pass
	3500.01	Outer_Full	24.66	/	/	27.16	/	/	<=30	Pass
		Inner_Full	25.23	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	27.78	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	27.66	/	/	<=30	Pass
	3525	Outer_Full	24.76	/	/	27.26	/	/	<=30	Pass
		Inner_Full	25.15	/	/	27.65	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	27.78	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	27.55	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	24.18	/	/	26.68	/	/	<=30	Pass
		Inner_Full	25.17	/	/	27.67	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	27.65	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	27.66	/	/	<=30	Pass
	3500.01	Outer_Full	24.16	/	/	26.66	/	/	<=30	Pass
		Inner_Full	25.21	/	/	27.71	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	27.78	/	/	<=30	Pass
		Inner_1RB_Right	25.13	/	/	27.63	/	/	<=30	Pass
	3525	Outer_Full	24.26	/	/	26.76	/	/	<=30	Pass
		Inner_Full	25.18	/	/	27.68	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	27.75	/	/	<=30	Pass
		Inner_1RB_Right	25.03	/	/	27.53	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	23.13	/	/	25.63	/	/	<=30	Pass
		Inner_Full	24.19	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	26.67	/	/	<=30	Pass
	3500.01	Outer_Full	23.16	/	/	25.66	/	/	<=30	Pass
		Inner_Full	24.20	/	/	26.70	/	/	<=30	Pass

		Inner_1RB_Left	24.36	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	26.78	/	/	<=30	Pass
	3525	Outer_Full	23.26	/	/	25.76	/	/	<=30	Pass
		Inner_Full	24.27	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Left	24.35	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	26.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	22.63	/	/	25.13	/	/	<=30	Pass
		Inner_Full	22.65	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	25.12	/	/	<=30	Pass
	3500.01	Outer_Full	22.61	/	/	25.11	/	/	<=30	Pass
		Inner_Full	22.65	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	25.16	/	/	<=30	Pass
	3525	Outer_Full	22.72	/	/	25.22	/	/	<=30	Pass
		Inner_Full	22.68	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	22.81	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	22.60	/	/	25.10	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	20.56	/	/	23.06	/	/	<=30	Pass
		Inner_Full	20.66	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	20.44	/	/	22.94	/	/	<=30	Pass
	3500.01	Outer_Full	20.69	/	/	23.19	/	/	<=30	Pass
		Inner_Full	20.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	20.55	/	/	23.05	/	/	<=30	Pass
	3525	Outer_Full	20.67	/	/	23.17	/	/	<=30	Pass
		Inner_Full	20.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	20.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	22.98	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Outer_Full	22.13	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.63	/	/	26.13	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	26.04	/	/	<=30	Pass
	3500.01	Outer_Full	22.14	/	/	24.64	/	/	<=30	Pass
		Inner_Full	23.73	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	26.20	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	26.18	/	/	<=30	Pass
	3525	Outer_Full	22.23	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.71	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	25.99	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	22.14	/	/	24.64	/	/	<=30	Pass
		Inner_Full	23.16	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	25.52	/	/	<=30	Pass
	3500.01	Outer_Full	22.16	/	/	24.66	/	/	<=30	Pass
		Inner_Full	23.12	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	25.68	/	/	<=30	Pass
	3525	Outer_Full	22.25	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.15	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	25.56	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	21.67	/	/	24.17	/	/	<=30	Pass
		Inner_Full	21.57	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	24.25	/	/	<=30	Pass
	3500.01	Outer_Full	21.67	/	/	24.17	/	/	<=30	Pass
		Inner_Full	21.66	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	24.35	/	/	<=30	Pass
	3525	Outer_Full	21.74	/	/	24.24	/	/	<=30	Pass
		Inner_Full	21.65	/	/	24.15	/	/	<=30	Pass

CP-OFDM 256 QAM		Inner_1RB_Left	21.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	24.19	/	/	<=30	Pass
	3475.02	Outer_Full	18.61	/	/	21.11	/	/	<=30	Pass
		Inner_Full	18.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	18.53	/	/	21.03	/	/	<=30	Pass
	3500.01	Outer_Full	18.69	/	/	21.19	/	/	<=30	Pass
		Inner_Full	18.74	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	18.73	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	18.68	/	/	21.18	/	/	<=30	Pass
	3525	Outer_Full	18.69	/	/	21.19	/	/	<=30	Pass
		Inner_Full	18.71	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	18.53	/	/	21.03	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_60M_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	Outer_Full	24.71	/	/	27.21	/	/	<=30	Pass
		Inner_Full	25.29	/	/	27.79	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	27.65	/	/	<=30	Pass
	3500.01	Outer_Full	24.71	/	/	27.21	/	/	<=30	Pass
		Inner_Full	25.26	/	/	27.76	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	27.77	/	/	<=30	Pass
	3519.99	Outer_Full	15.64	/	/	18.14	/	/	<=30	Pass
		Inner_Full	25.27	/	/	27.77	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	27.78	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	27.68	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	24.25	/	/	26.75	/	/	<=30	Pass
		Inner_Full	25.33	/	/	27.83	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	27.67	/	/	<=30	Pass
	3500.01	Outer_Full	24.20	/	/	26.70	/	/	<=30	Pass
		Inner_Full	25.30	/	/	27.80	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	27.75	/	/	<=30	Pass
	3519.99	Outer_Full	24.20	/	/	26.70	/	/	<=30	Pass
		Inner_Full	25.29	/	/	27.79	/	/	<=30	Pass
		Inner_1RB_Left	25.22	/	/	27.72	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	27.65	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	23.22	/	/	25.72	/	/	<=30	Pass
		Inner_Full	24.23	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	26.78	/	/	<=30	Pass
	3500.01	Outer_Full	23.27	/	/	25.77	/	/	<=30	Pass
		Inner_Full	24.23	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	26.81	/	/	<=30	Pass
	3519.99	Outer_Full	23.22	/	/	25.72	/	/	<=30	Pass
		Inner_Full	24.26	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	26.72	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	22.71	/	/	25.21	/	/	<=30	Pass
		Inner_Full	22.75	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	25.24	/	/	<=30	Pass

	3500.01	Outer_Full	22.74	/	/	25.24	/	/	<=30	Pass
		Inner_Full	22.70	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	25.29	/	/	<=30	Pass
	3519.99	Outer_Full	22.76	/	/	25.26	/	/	<=30	Pass
		Inner_Full	22.73	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	25.18	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	20.74	/	/	23.24	/	/	<=30	Pass
		Inner_Full	20.78	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	20.67	/	/	23.17	/	/	<=30	Pass
	3500.01	Outer_Full	20.71	/	/	23.21	/	/	<=30	Pass
		Inner_Full	20.79	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	23.23	/	/	<=30	Pass
	3519.99	Outer_Full	20.73	/	/	23.23	/	/	<=30	Pass
		Inner_Full	20.70	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	20.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	23.06	/	/	<=30	Pass
CP-OFDM QPSK	3480	Outer_Full	22.21	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.73	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	26.27	/	/	<=30	Pass
	3500.01	Outer_Full	22.22	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.75	/	/	26.25	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	26.18	/	/	<=30	Pass
	3519.99	Outer_Full	22.20	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.73	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	26.17	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Outer_Full	22.25	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.29	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	25.77	/	/	<=30	Pass
	3500.01	Outer_Full	22.26	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	25.88	/	/	<=30	Pass
	3519.99	Outer_Full	22.25	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.18	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	25.81	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Outer_Full	21.75	/	/	24.25	/	/	<=30	Pass
		Inner_Full	21.71	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	24.49	/	/	<=30	Pass
	3500.01	Outer_Full	21.71	/	/	24.21	/	/	<=30	Pass
		Inner_Full	21.75	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	21.94	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	24.43	/	/	<=30	Pass
	3519.99	Outer_Full	21.71	/	/	24.21	/	/	<=30	Pass
		Inner_Full	21.70	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	24.31	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Outer_Full	18.78	/	/	21.28	/	/	<=30	Pass
		Inner_Full	18.79	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	18.76	/	/	21.26	/	/	<=30	Pass
	3500.01	Outer_Full	18.77	/	/	21.27	/	/	<=30	Pass
		Inner_Full	18.80	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	18.80	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	18.75	/	/	21.25	/	/	<=30	Pass

	3519.99	Outer_Full	18.73	/	/	21.23	/	/	<=30	Pass
		Inner_Full	18.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	18.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	18.65	/	/	21.15	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_70M_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	Outer_Full	24.74	/	/	27.24	/	/	<=30	Pass
		Inner_Full	25.21	/	/	27.71	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	27.61	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	27.61	/	/	<=30	Pass
	3500.01	Outer_Full	24.75	/	/	27.25	/	/	<=30	Pass
		Inner_Full	25.24	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Right	25.23	/	/	27.73	/	/	<=30	Pass
	3514.98	Outer_Full	24.85	/	/	27.35	/	/	<=30	Pass
		Inner_Full	25.32	/	/	27.82	/	/	<=30	Pass
		Inner_1RB_Left	25.22	/	/	27.72	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	27.56	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	24.20	/	/	26.70	/	/	<=30	Pass
		Inner_Full	25.23	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	27.64	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	27.58	/	/	<=30	Pass
	3500.01	Outer_Full	24.30	/	/	26.80	/	/	<=30	Pass
		Inner_Full	25.20	/	/	27.70	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	27.85	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	27.70	/	/	<=30	Pass
	3514.98	Outer_Full	24.35	/	/	26.85	/	/	<=30	Pass
		Inner_Full	25.24	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	27.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	23.22	/	/	25.72	/	/	<=30	Pass
		Inner_Full	24.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	26.68	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	26.74	/	/	<=30	Pass
	3500.01	Outer_Full	23.33	/	/	25.83	/	/	<=30	Pass
		Inner_Full	24.24	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	26.94	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	26.86	/	/	<=30	Pass
	3514.98	Outer_Full	23.24	/	/	25.74	/	/	<=30	Pass
		Inner_Full	24.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	26.65	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	22.71	/	/	25.21	/	/	<=30	Pass
		Inner_Full	22.76	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	25.16	/	/	<=30	Pass
	3500.01	Outer_Full	22.79	/	/	25.29	/	/	<=30	Pass
		Inner_Full	22.79	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	25.28	/	/	<=30	Pass
	3514.98	Outer_Full	22.70	/	/	25.20	/	/	<=30	Pass
		Inner_Full	22.75	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	25.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	20.76	/	/	23.26	/	/	<=30	Pass
		Inner_Full	20.73	/	/	23.23	/	/	<=30	Pass

		Inner_1RB_Left	20.47	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	20.47	/	/	22.97	/	/	<=30	Pass
	3500.01	Outer_Full	20.75	/	/	23.25	/	/	<=30	Pass
		Inner_Full	20.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	20.60	/	/	23.10	/	/	<=30	Pass
	3514.98	Outer_Full	20.78	/	/	23.28	/	/	<=30	Pass
		Inner_Full	20.79	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	20.54	/	/	23.04	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Outer_Full	22.18	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.67	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	26.14	/	/	<=30	Pass
	3500.01	Outer_Full	22.26	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.75	/	/	26.25	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	26.23	/	/	<=30	Pass
	3514.98	Outer_Full	22.30	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.70	/	/	26.20	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	26.32	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	26.00	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	22.23	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.18	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	25.66	/	/	<=30	Pass
	3500.01	Outer_Full	22.25	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	25.76	/	/	<=30	Pass
	3514.98	Outer_Full	22.33	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.19	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	25.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	21.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	21.67	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	24.28	/	/	<=30	Pass
	3500.01	Outer_Full	21.80	/	/	24.30	/	/	<=30	Pass
		Inner_Full	21.72	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	24.39	/	/	<=30	Pass
	3514.98	Outer_Full	21.74	/	/	24.24	/	/	<=30	Pass
		Inner_Full	21.74	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	24.27	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	18.76	/	/	21.26	/	/	<=30	Pass
		Inner_Full	18.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	18.51	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	18.57	/	/	21.07	/	/	<=30	Pass
	3500.01	Outer_Full	18.81	/	/	21.31	/	/	<=30	Pass
		Inner_Full	18.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	18.89	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	21.29	/	/	<=30	Pass
	3514.98	Outer_Full	18.85	/	/	21.35	/	/	<=30	Pass
		Inner_Full	18.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	18.57	/	/	21.07	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n77d SCS=30kHz SISO 80MHz NTV										
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	Outer_Full	24.70	/	/	27.20	/	/	<=30	Pass
		Inner_Full	25.23	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	27.63	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	27.71	/	/	<=30	Pass
	3500.01	Outer_Full	24.79	/	/	27.29	/	/	<=30	Pass
		Inner_Full	25.20	/	/	27.70	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	27.82	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	27.75	/	/	<=30	Pass
	3510	Outer_Full	24.73	/	/	27.23	/	/	<=30	Pass
		Inner_Full	25.26	/	/	27.76	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	27.82	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	27.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	24.20	/	/	26.70	/	/	<=30	Pass
		Inner_Full	25.23	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	27.64	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	27.70	/	/	<=30	Pass
	3500.01	Outer_Full	24.30	/	/	26.80	/	/	<=30	Pass
		Inner_Full	25.18	/	/	27.68	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	27.80	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	27.70	/	/	<=30	Pass
	3510	Outer_Full	24.19	/	/	26.69	/	/	<=30	Pass
		Inner_Full	25.23	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	27.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	23.20	/	/	25.70	/	/	<=30	Pass
		Inner_Full	24.24	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	26.76	/	/	<=30	Pass
	3500.01	Outer_Full	23.30	/	/	25.80	/	/	<=30	Pass
		Inner_Full	24.28	/	/	26.78	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	26.84	/	/	<=30	Pass
	3510	Outer_Full	23.21	/	/	25.71	/	/	<=30	Pass
		Inner_Full	24.23	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	26.68	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	22.72	/	/	25.22	/	/	<=30	Pass
		Inner_Full	22.75	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	25.20	/	/	<=30	Pass
	3500.01	Outer_Full	22.78	/	/	25.28	/	/	<=30	Pass
		Inner_Full	22.75	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	25.26	/	/	<=30	Pass
	3510	Outer_Full	22.70	/	/	25.20	/	/	<=30	Pass
		Inner_Full	22.71	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	25.13	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	20.71	/	/	23.21	/	/	<=30	Pass
		Inner_Full	20.70	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	20.49	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	20.47	/	/	22.97	/	/	<=30	Pass
	3500.01	Outer_Full	20.78	/	/	23.28	/	/	<=30	Pass
		Inner_Full	20.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	20.57	/	/	23.07	/	/	<=30	Pass
	3510	Outer_Full	20.75	/	/	23.25	/	/	<=30	Pass
		Inner_Full	20.65	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	20.44	/	/	22.94	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Outer_Full	22.22	/	/	24.72	/	/	<=30	Pass

		Inner_Full	23.73	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	26.10	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	26.18	/	/	<=30	Pass
	3500.01	Outer_Full	22.27	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.77	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	26.22	/	/	<=30	Pass
	3510	Outer_Full	22.20	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.72	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	26.27	/	/	<=30	Pass
Inner_1RB_Right		23.63	/	/	26.13	/	/	<=30	Pass	
CP-OFDM 16 QAM	3490.02	Outer_Full	22.23	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.23	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	25.70	/	/	<=30	Pass
	3500.01	Outer_Full	22.27	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	25.79	/	/	<=30	Pass
	3510	Outer_Full	22.20	/	/	24.70	/	/	<=30	Pass
		Inner_Full	23.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	25.62	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	21.75	/	/	24.25	/	/	<=30	Pass
		Inner_Full	21.75	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	24.33	/	/	<=30	Pass
	3500.01	Outer_Full	21.80	/	/	24.30	/	/	<=30	Pass
		Inner_Full	21.78	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	24.42	/	/	<=30	Pass
	3510	Outer_Full	21.72	/	/	24.22	/	/	<=30	Pass
		Inner_Full	21.73	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	24.28	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	18.72	/	/	21.22	/	/	<=30	Pass
		Inner_Full	18.70	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	18.60	/	/	21.10	/	/	<=30	Pass
	3500.01	Outer_Full	18.76	/	/	21.26	/	/	<=30	Pass
		Inner_Full	18.76	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Left	18.70	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	21.29	/	/	<=30	Pass
	3510	Outer_Full	18.81	/	/	21.31	/	/	<=30	Pass
		Inner_Full	18.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Left	18.73	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	18.56	/	/	21.06	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_90M_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	Outer Full	24.74	/	/	27.24	/	/	<=30	Pass
		Inner Full	25.20	/	/	27.70	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	27.60	/	/	<=30	Pass
		Inner_1RB_Right	25.28	/	/	27.78	/	/	<=30	Pass
	3500.01	Outer Full	24.79	/	/	27.29	/	/	<=30	Pass
		Inner Full	25.29	/	/	27.79	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	27.69	/	/	<=30	Pass

	3504.99	Inner 1RB Right	25.19	/	/	27.69	/	/	<=30	Pass
		Outer Full	15.72	/	/	18.22	/	/	<=30	Pass
		Inner Full	25.29	/	/	27.79	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	27.85	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	27.69	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Outer Full	24.32	/	/	26.82	/	/	<=30	Pass
		Inner Full	25.24	/	/	27.74	/	/	<=30	Pass
		Inner 1RB Left	25.06	/	/	27.56	/	/	<=30	Pass
		Inner 1RB Right	25.23	/	/	27.73	/	/	<=30	Pass
	3500.01	Outer Full	24.30	/	/	26.80	/	/	<=30	Pass
		Inner Full	25.14	/	/	27.64	/	/	<=30	Pass
		Inner 1RB Left	25.26	/	/	27.76	/	/	<=30	Pass
		Inner 1RB Right	25.20	/	/	27.70	/	/	<=30	Pass
	3504.99	Outer Full	24.30	/	/	26.80	/	/	<=30	Pass
		Inner Full	25.23	/	/	27.73	/	/	<=30	Pass
		Inner 1RB Left	25.32	/	/	27.82	/	/	<=30	Pass
		Inner 1RB Right	25.16	/	/	27.66	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Outer Full	23.20	/	/	25.70	/	/	<=30	Pass
		Inner Full	24.21	/	/	26.71	/	/	<=30	Pass
		Inner 1RB Left	24.30	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Right	24.37	/	/	26.87	/	/	<=30	Pass
	3500.01	Outer Full	23.28	/	/	25.78	/	/	<=30	Pass
		Inner Full	24.33	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Left	24.24	/	/	26.74	/	/	<=30	Pass
		Inner 1RB Right	24.38	/	/	26.88	/	/	<=30	Pass
	3504.99	Outer Full	23.30	/	/	25.80	/	/	<=30	Pass
		Inner Full	24.31	/	/	26.81	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	26.96	/	/	<=30	Pass
		Inner 1RB Right	24.27	/	/	26.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Outer Full	22.70	/	/	25.20	/	/	<=30	Pass
		Inner Full	22.68	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Right	22.78	/	/	25.28	/	/	<=30	Pass
	3500.01	Outer Full	22.75	/	/	25.25	/	/	<=30	Pass
		Inner Full	22.78	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Left	22.69	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Right	22.79	/	/	25.29	/	/	<=30	Pass
	3504.99	Outer Full	22.78	/	/	25.28	/	/	<=30	Pass
		Inner Full	22.77	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	25.38	/	/	<=30	Pass
		Inner 1RB Right	22.76	/	/	25.26	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Outer Full	20.70	/	/	23.20	/	/	<=30	Pass
		Inner Full	20.68	/	/	23.18	/	/	<=30	Pass
		Inner 1RB Left	20.55	/	/	23.05	/	/	<=30	Pass
		Inner 1RB Right	20.61	/	/	23.11	/	/	<=30	Pass
	3500.01	Outer Full	20.82	/	/	23.32	/	/	<=30	Pass
		Inner Full	20.80	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Left	20.48	/	/	22.98	/	/	<=30	Pass
		Inner 1RB Right	20.60	/	/	23.10	/	/	<=30	Pass
	3504.99	Outer Full	20.83	/	/	23.33	/	/	<=30	Pass
		Inner Full	20.76	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Left	20.70	/	/	23.20	/	/	<=30	Pass
		Inner 1RB Right	20.60	/	/	23.10	/	/	<=30	Pass
CP-OFDM QPSK	3495	Outer Full	22.17	/	/	24.67	/	/	<=30	Pass
		Inner Full	23.66	/	/	26.16	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	26.05	/	/	<=30	Pass
		Inner 1RB Right	23.71	/	/	26.21	/	/	<=30	Pass
	3500.01	Outer Full	22.26	/	/	24.76	/	/	<=30	Pass
		Inner Full	23.78	/	/	26.28	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	26.13	/	/	<=30	Pass
		Inner 1RB Right	23.69	/	/	26.19	/	/	<=30	Pass
	3504.99	Outer Full	22.26	/	/	24.76	/	/	<=30	Pass
		Inner Full	23.77	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Left	23.85	/	/	26.35	/	/	<=30	Pass

		Inner_1RB_Right	23.75	/	/	26.25	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Outer_Full	22.13	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.17	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	25.83	/	/	<=30	Pass
		Outer_Full	22.30	/	/	24.80	/	/	<=30	Pass
	3500.01	Inner_Full	23.13	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	25.77	/	/	<=30	Pass
		Outer_Full	22.30	/	/	24.80	/	/	<=30	Pass
	3504.99	Inner_Full	23.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	25.72	/	/	<=30	Pass
Outer_Full		21.70	/	/	24.20	/	/	<=30	Pass	
CP-OFDM 64 QAM	3495	Inner_Full	21.65	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	24.39	/	/	<=30	Pass
		Outer_Full	21.76	/	/	24.26	/	/	<=30	Pass
	3500.01	Inner_Full	21.77	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	24.37	/	/	<=30	Pass
		Outer_Full	21.76	/	/	24.26	/	/	<=30	Pass
	3504.99	Inner_Full	21.78	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	24.33	/	/	<=30	Pass
		Outer_Full	18.69	/	/	21.19	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Inner_Full	18.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	18.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	18.74	/	/	21.24	/	/	<=30	Pass
		Outer_Full	18.81	/	/	21.31	/	/	<=30	Pass
	3500.01	Inner_Full	18.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	18.70	/	/	21.20	/	/	<=30	Pass
		Outer_Full	18.83	/	/	21.33	/	/	<=30	Pass
	3504.99	Inner_Full	18.88	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	18.64	/	/	21.14	/	/	<=30	Pass
		Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain								

1.1.10 30_S_100M_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz 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	3500.01	Outer Full	24.80	/	/	27.30	/	/	<=30	Pass
		Inner Full	25.25	/	/	27.75	/	/	<=30	Pass
		Inner 1RB Left	25.18	/	/	27.68	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	27.71	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	24.34	/	/	26.84	/	/	<=30	Pass
		Inner Full	25.25	/	/	27.75	/	/	<=30	Pass
		Inner 1RB Left	25.16	/	/	27.66	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	27.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	23.26	/	/	25.76	/	/	<=30	Pass
		Inner Full	24.20	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Left	24.28	/	/	26.78	/	/	<=30	Pass
		Inner 1RB Right	24.31	/	/	26.81	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	22.73	/	/	25.23	/	/	<=30	Pass
		Inner Full	22.75	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	22.72	/	/	25.22	/	/	<=30	Pass
		Inner 1RB Right	22.82	/	/	25.32	/	/	<=30	Pass
DFT-s-OFDM 256	3500.01	Outer Full	20.71	/	/	23.21	/	/	<=30	Pass

QAM		Inner_Full	20.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	23.12	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Outer_Full	22.23	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.71	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	26.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	22.22	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.16	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	25.80	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	21.68	/	/	24.18	/	/	<=30	Pass
		Inner_Full	21.65	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Left	21.85	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	24.45	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.76	/	/	21.26	/	/	<=30	Pass
		Inner_Full	18.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	18.64	/	/	21.14	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

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	-17.30	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_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	8.63	9.93	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.64	10.14	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.65	10.15	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.66	9.97	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.61	10.01	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.66	10.00	/	Pass

CP-OFDM 16 QAM	3500.01	Outer_Full	8.66	10.17	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.63	9.93	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.63	9.72	/	Pass

3.1.2 30_S_20M_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	18.07	19.73	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	18.02	19.99	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	18.14	20.17	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	18.15	19.94	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	18.03	19.67	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.37	20.20	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.41	20.30	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.39	20.39	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.39	19.77	/	Pass

3.1.3 30_S_30M_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	27.20	29.47	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	27.32	29.70	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	27.28	29.72	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	27.20	29.60	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	27.32	29.55	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	28.24	30.63	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	28.26	30.89	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	28.21	30.56	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	28.23	30.88	/	Pass

3.1.4 30_S_40M_NTNV

5G NR n77d SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	36.03	38.60	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.08	38.76	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	35.94	38.77	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.17	38.57	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	35.98	38.89	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.14	40.98	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.17	40.81	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.05	40.71	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.13	40.97	/	Pass

3.1.5 30_S_50M_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	45.96	49.00	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	45.98	48.81	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	46.05	48.75	/	Pass

DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.02	48.63	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	45.92	48.54	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.69	50.43	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.69	50.60	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.72	50.40	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.79	50.53	/	Pass

3.1.6 30_S_60M_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	58.66	62.98	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.53	63.02	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.64	62.91	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.67	62.84	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.46	62.81	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.48	62.92	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.62	62.92	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.66	62.83	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.51	62.99	/	Pass

3.1.7 30_S_70M_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	65.07	69.46	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.76	69.33	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.87	69.42	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	64.81	69.29	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.81	69.49	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.05	72.67	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	67.86	72.73	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	68.12	72.70	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	67.98	72.60	/	Pass

3.1.8 30_S_80M_NTNV

5G NR n77d SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	77.63	82.24	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.36	82.25	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.57	82.39	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.54	82.32	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.72	82.36	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	77.74	82.80	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.97	82.86	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	77.92	82.75	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	77.75	82.85	/	Pass

3.1.9 30_S_90M_NTNV

5G NR n77d SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict

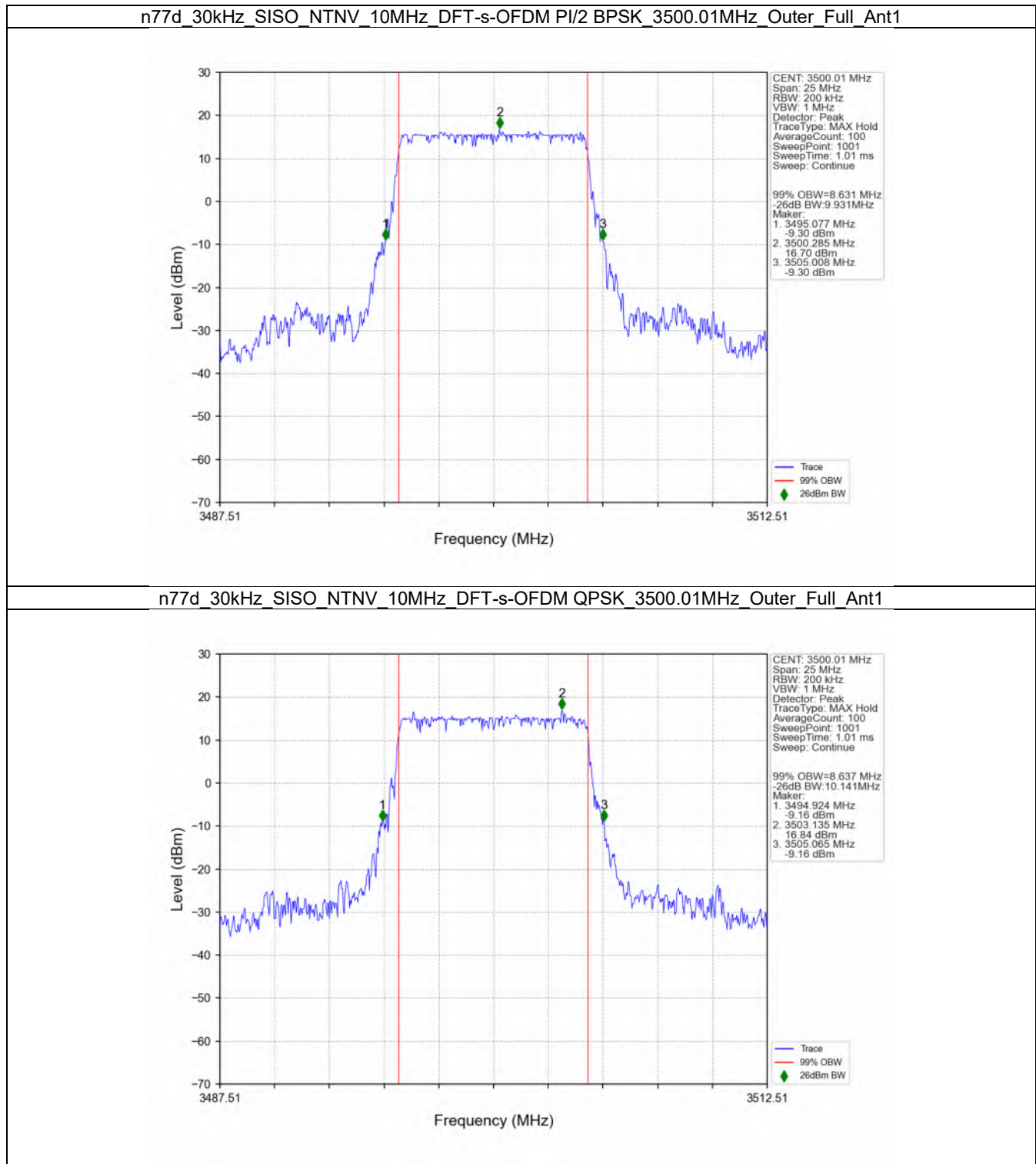
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.20	92.14	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.11	92.12	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.08	92.31	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.14	92.10	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	86.70	91.93	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.90	92.90	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	87.51	92.73	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.74	92.77	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.71	92.81	/	Pass

3.1.10 30_S_100M_NTNV

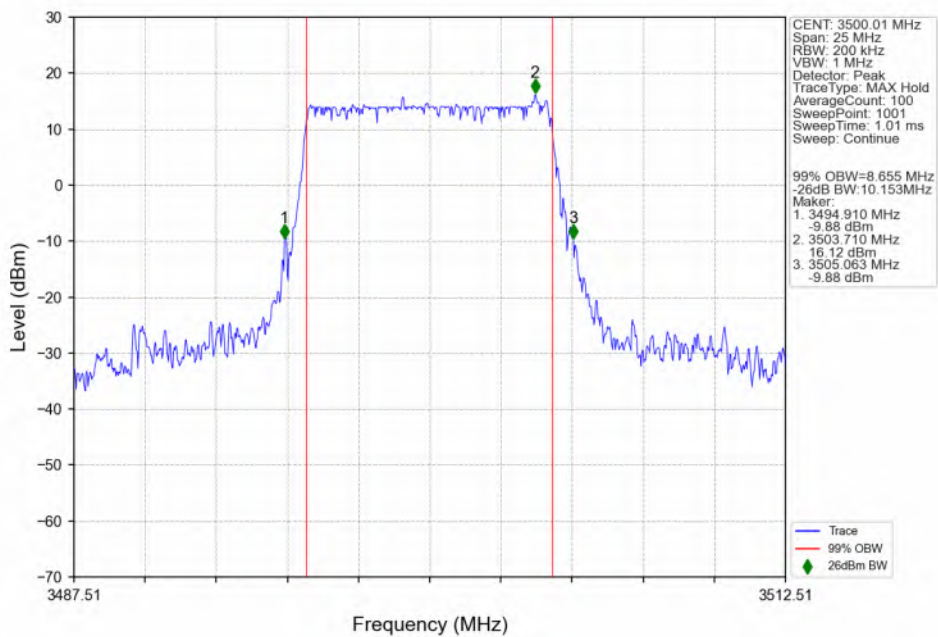
5G NR n77d SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.47	101.79	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	96.42	101.78	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.65	101.86	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.51	101.80	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.62	101.85	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.40	102.86	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.72	102.87	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.34	102.85	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.64	103.01	/	Pass

3.2 Test Graph

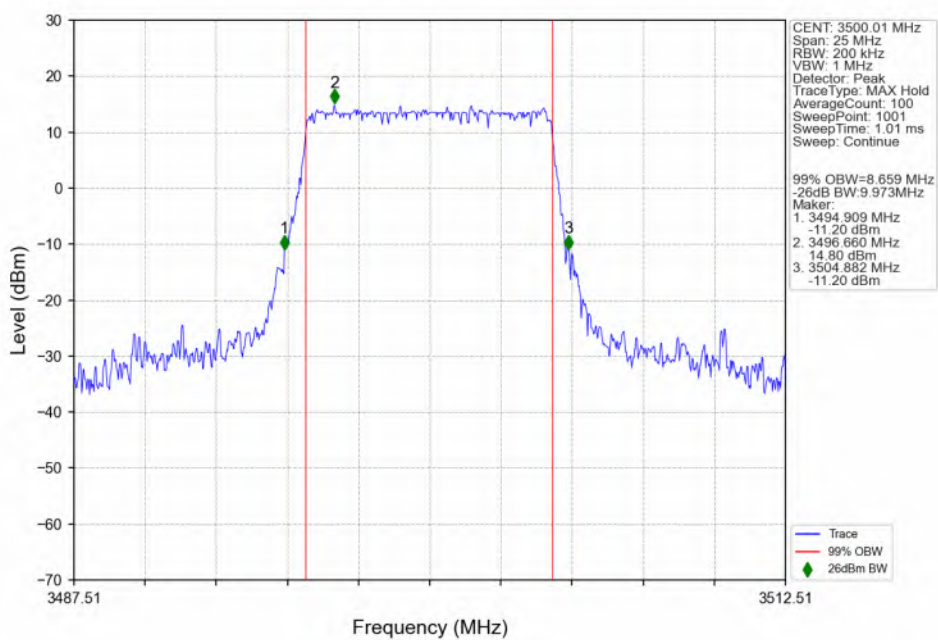
3.2.1 30_S_10M_NTNV



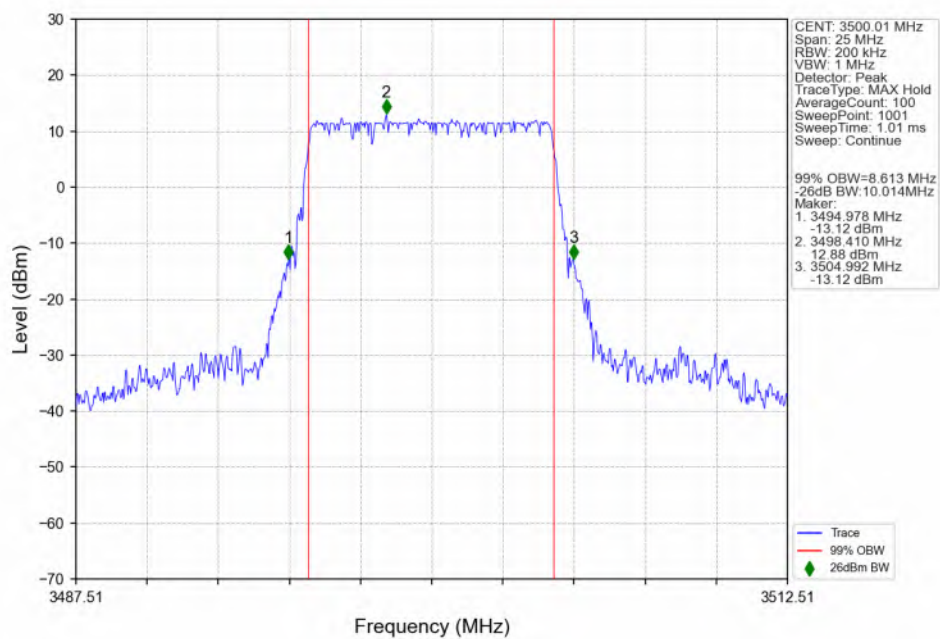
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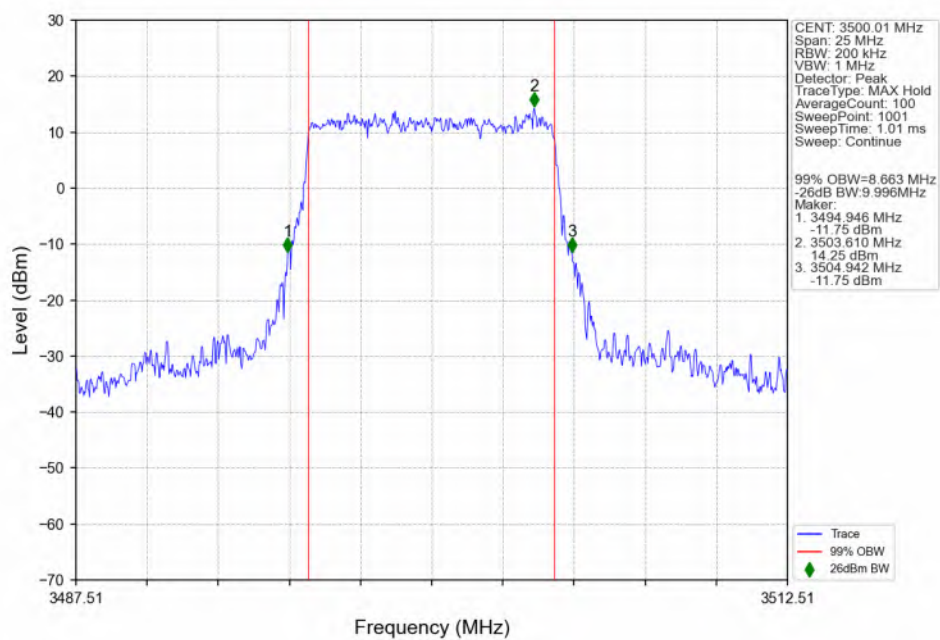
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1



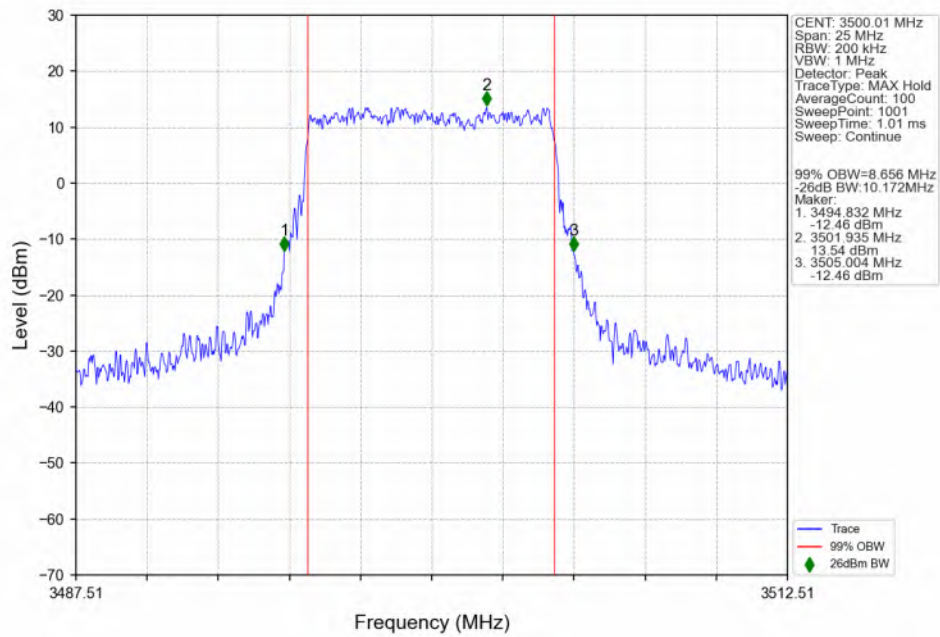
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



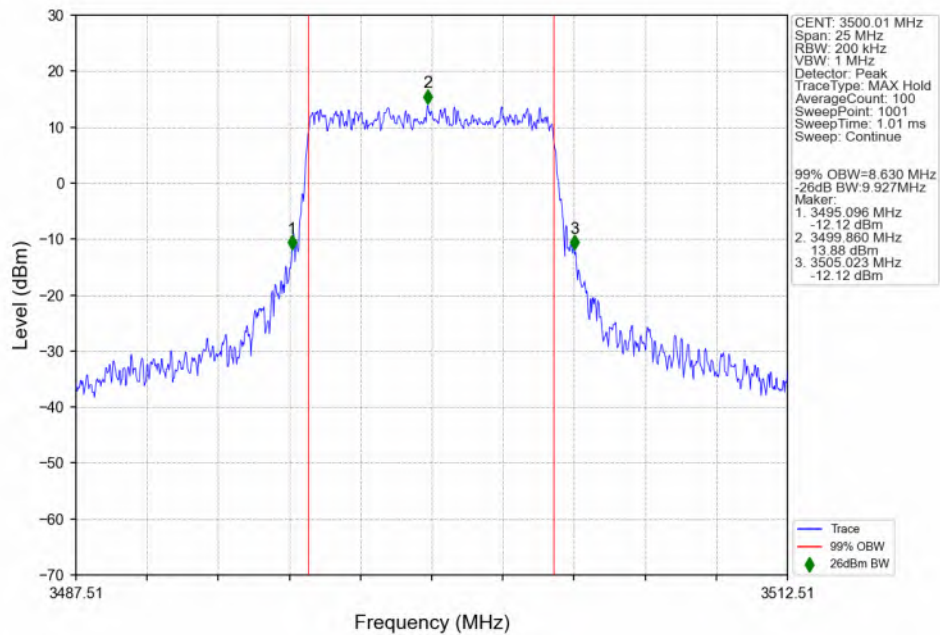
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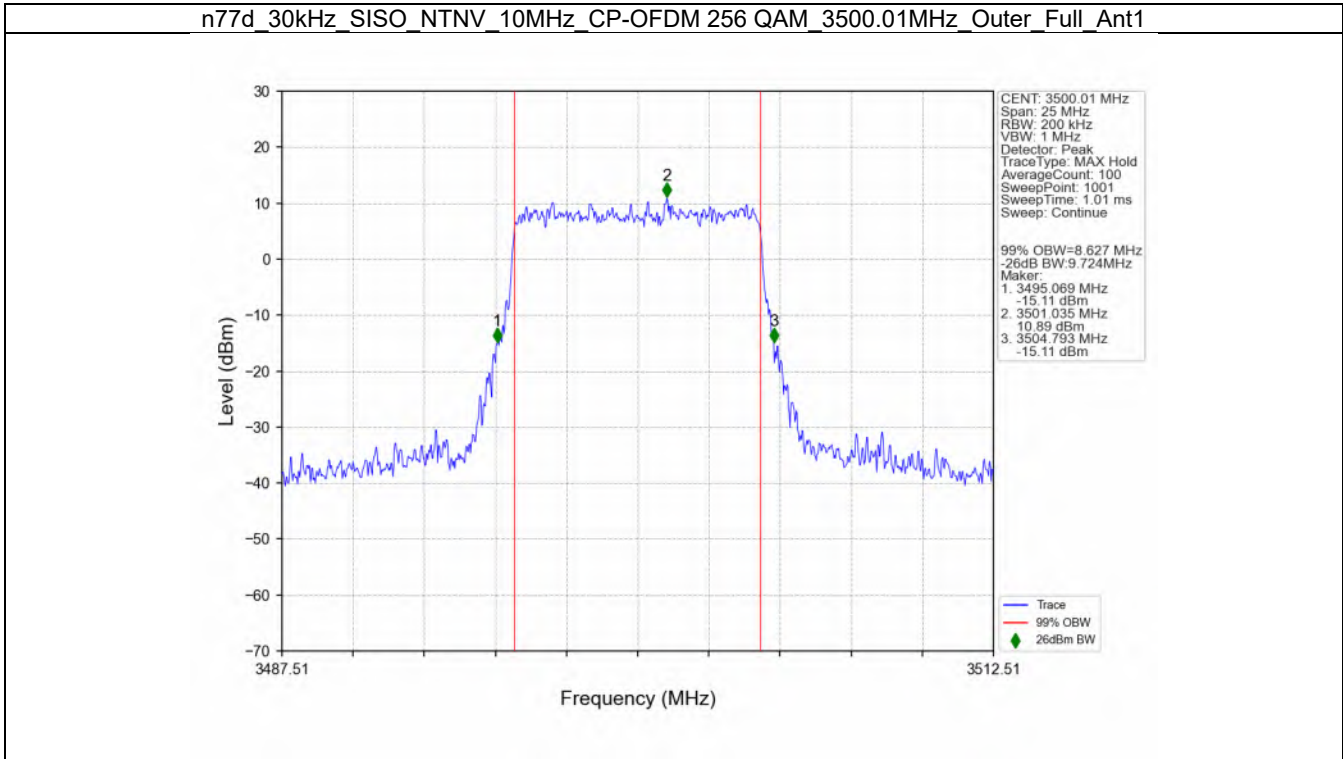


n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



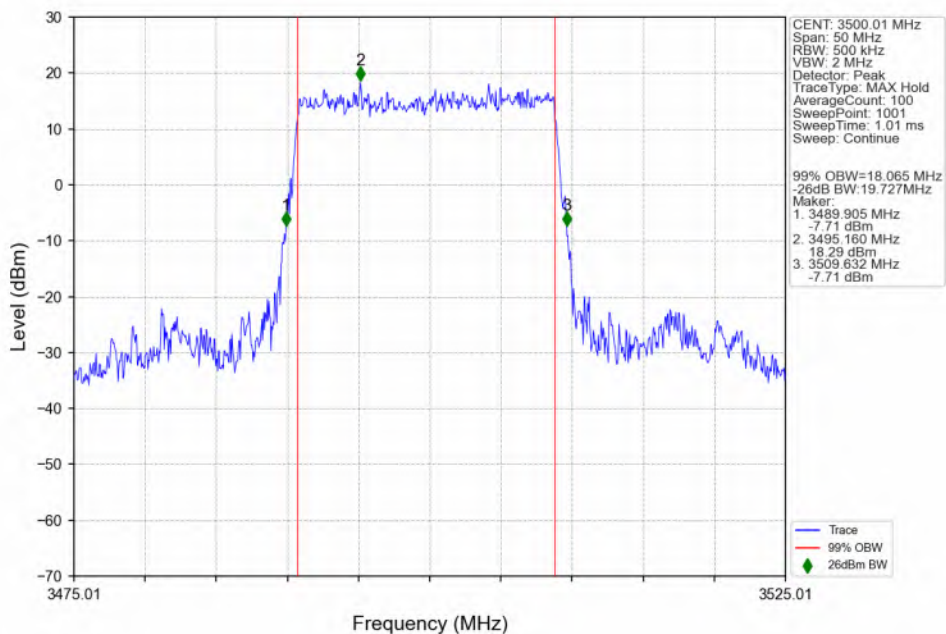
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1



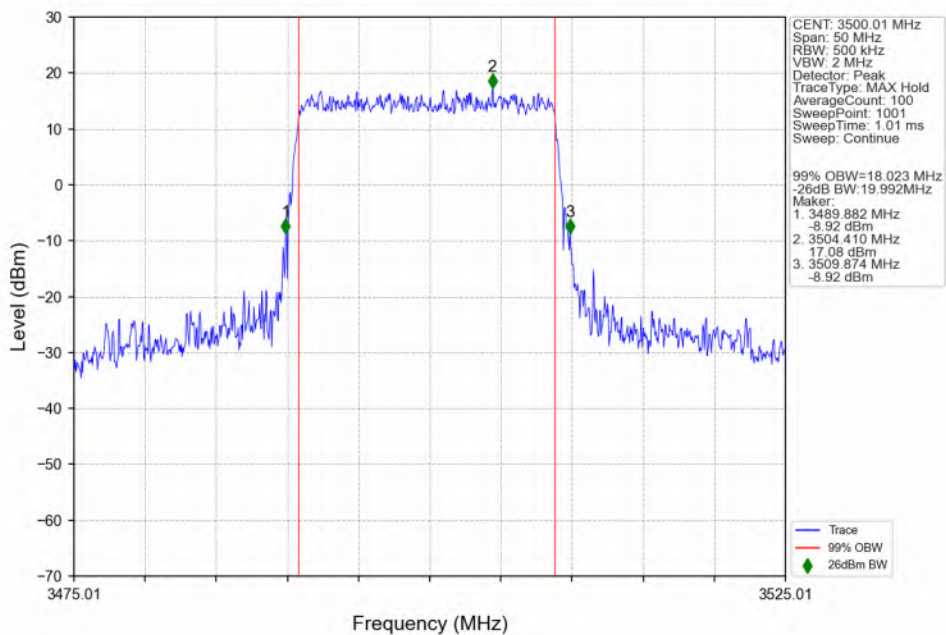


3.2.2 30_S_20M_NTNV

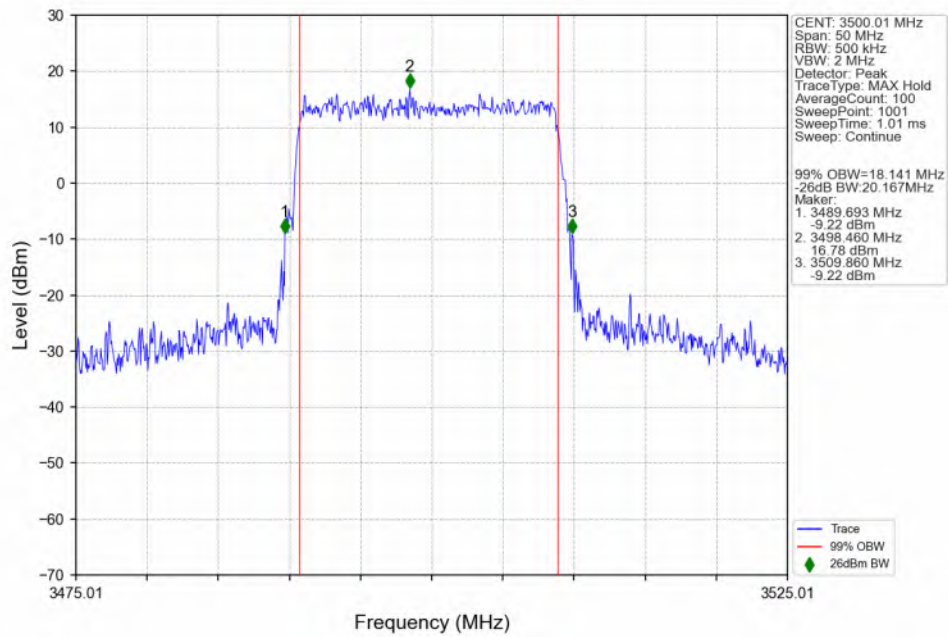
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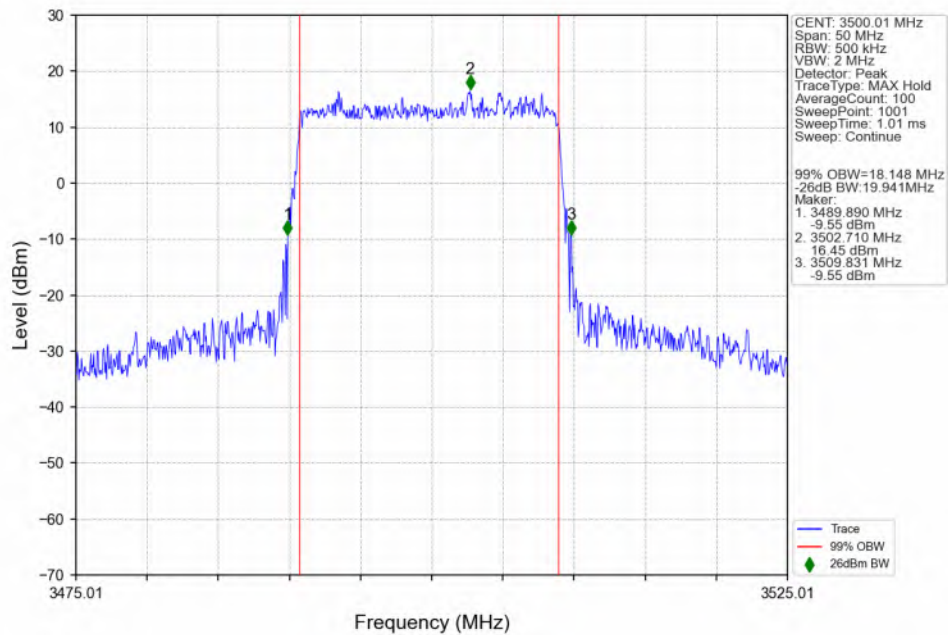
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full_Ant1



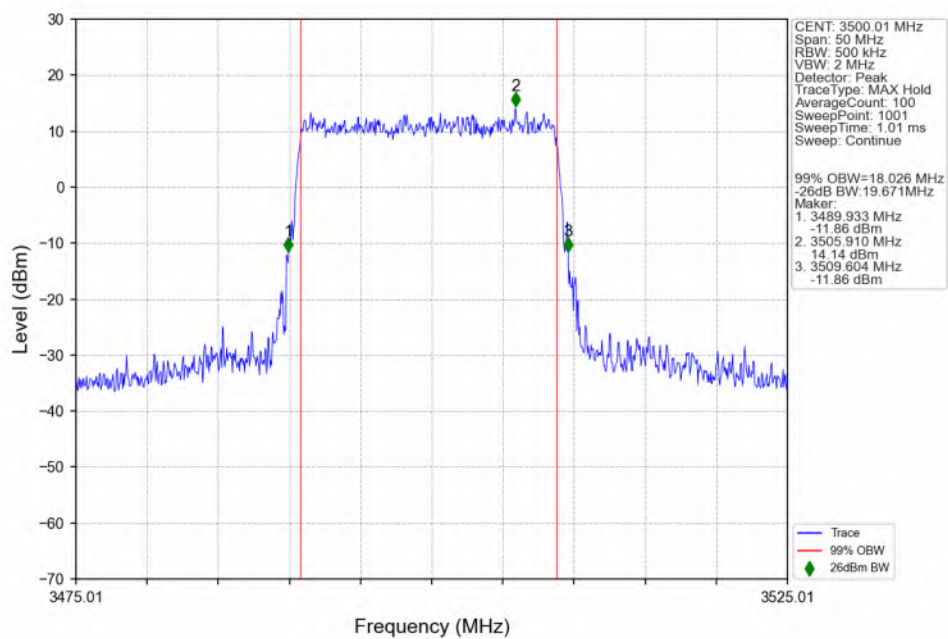
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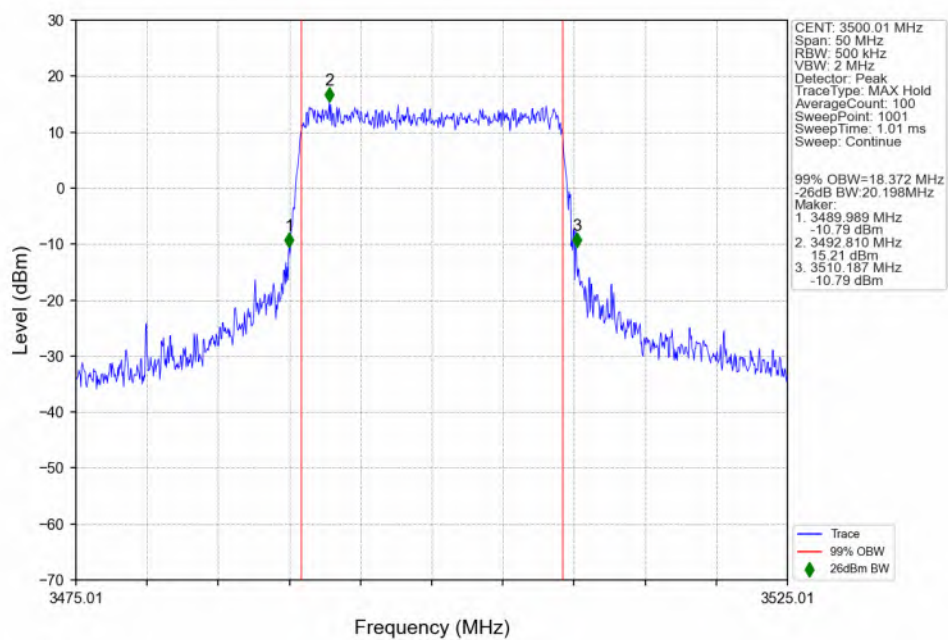
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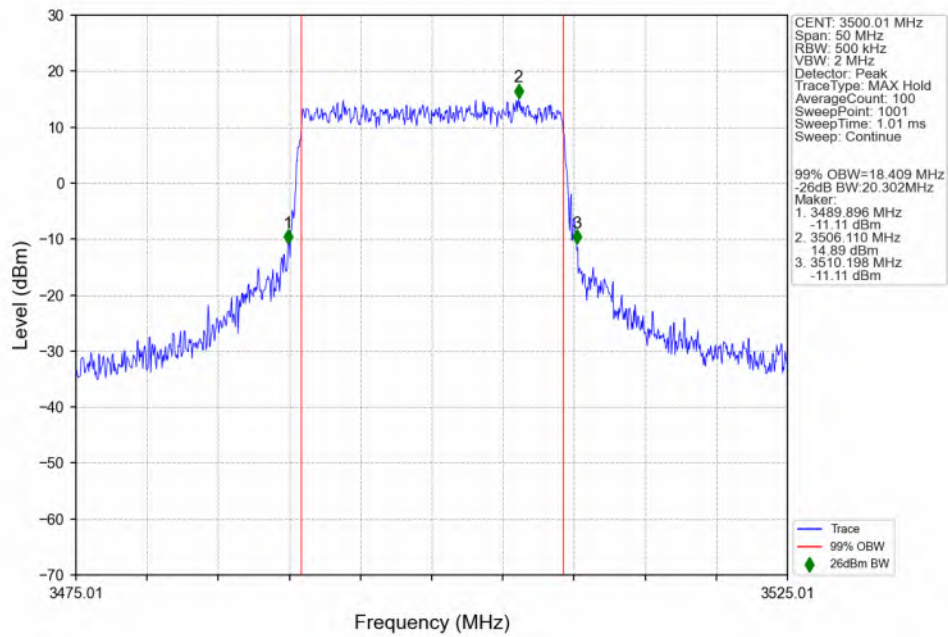
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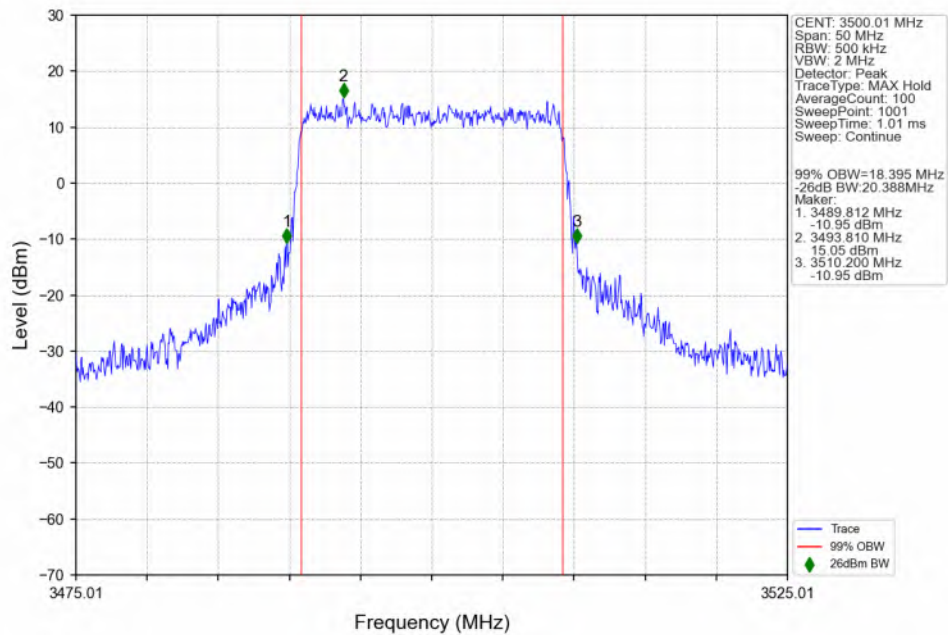
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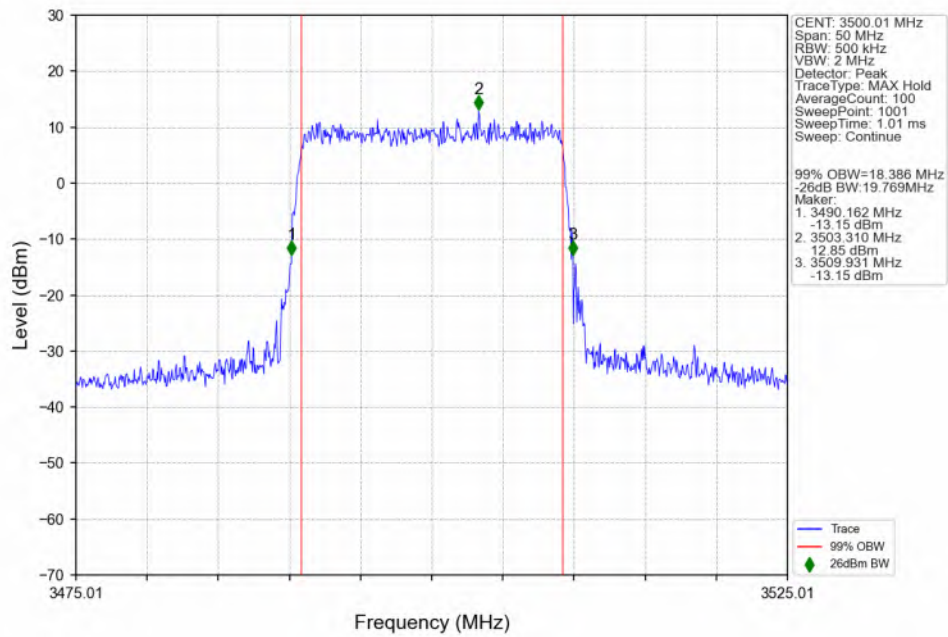
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n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1

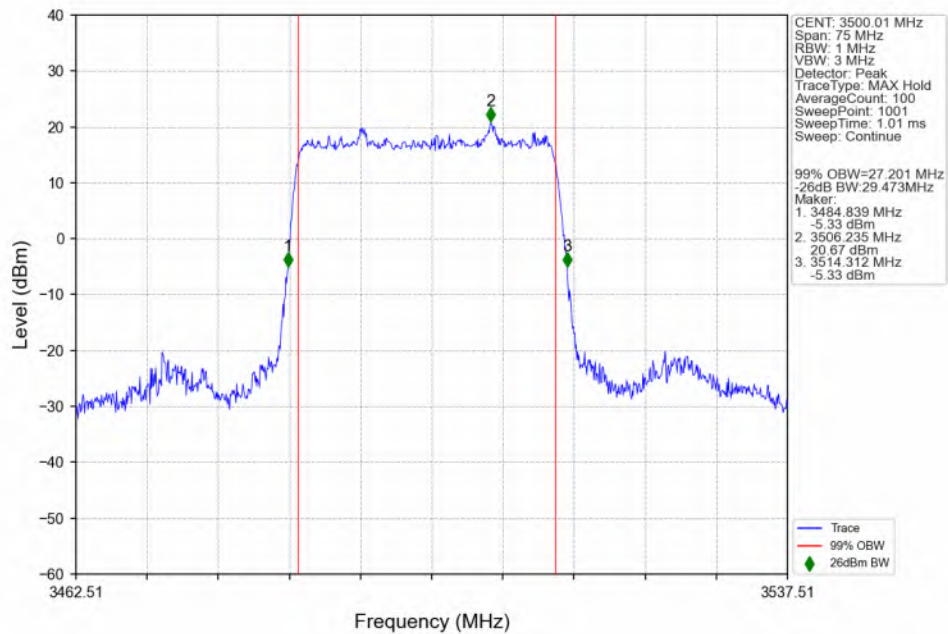


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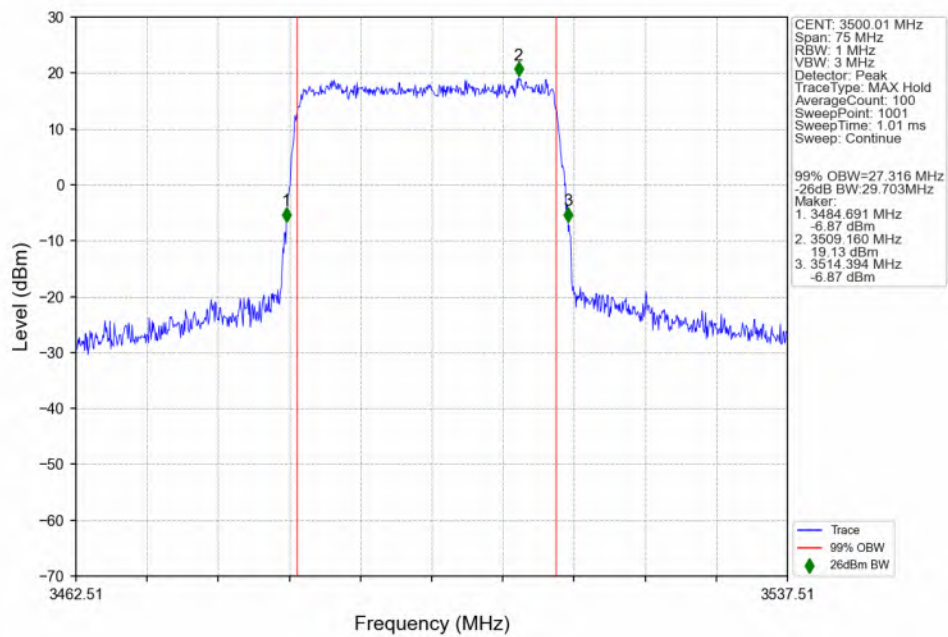


3.2.3 30_S_30M_NTNV

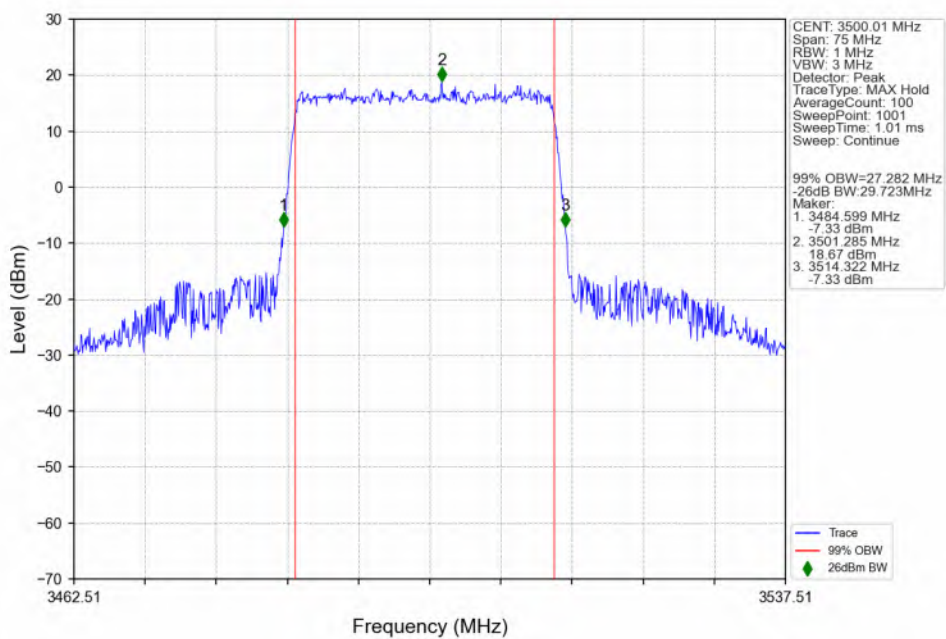
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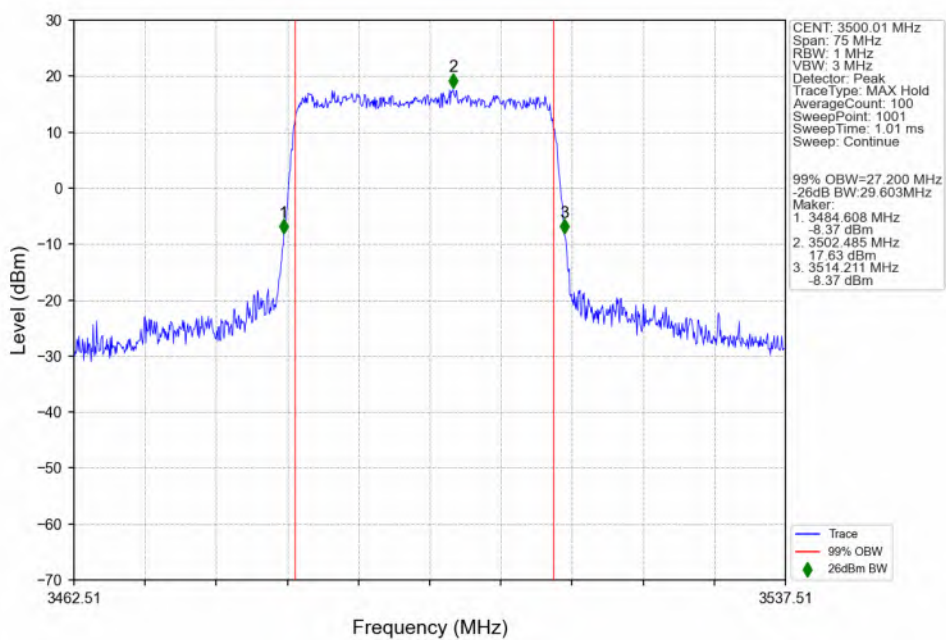
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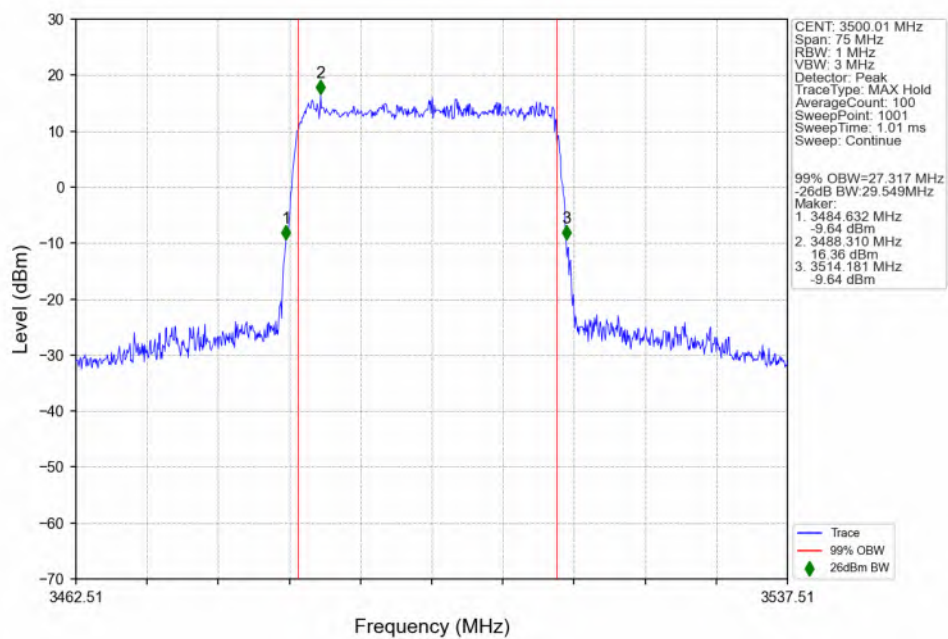
n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



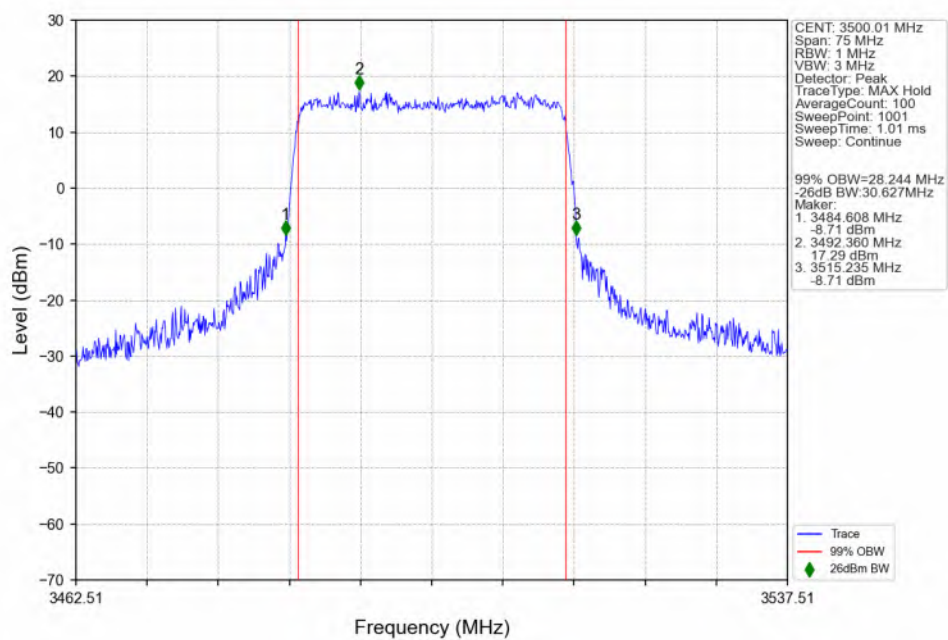
n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1



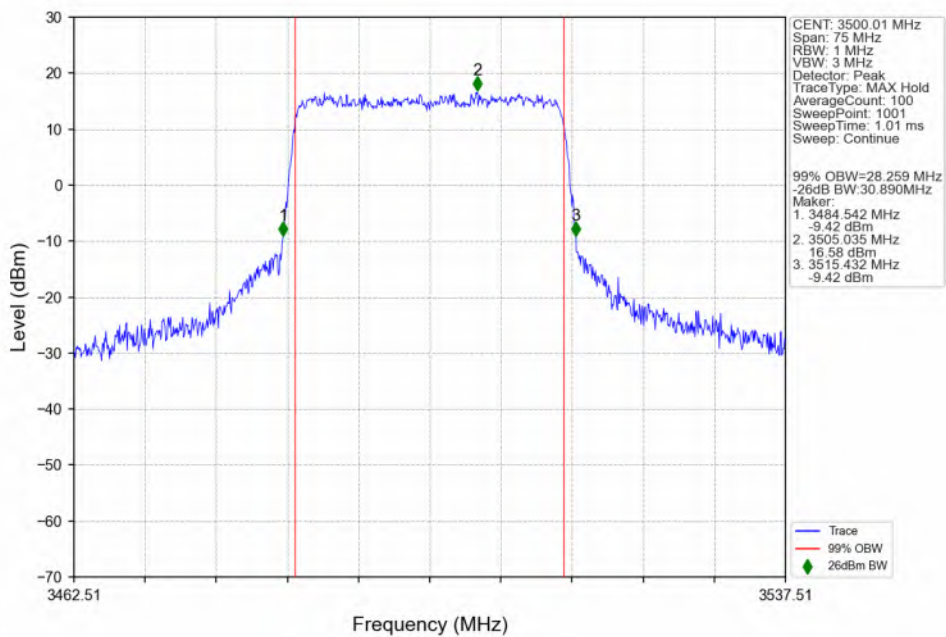
n77d_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



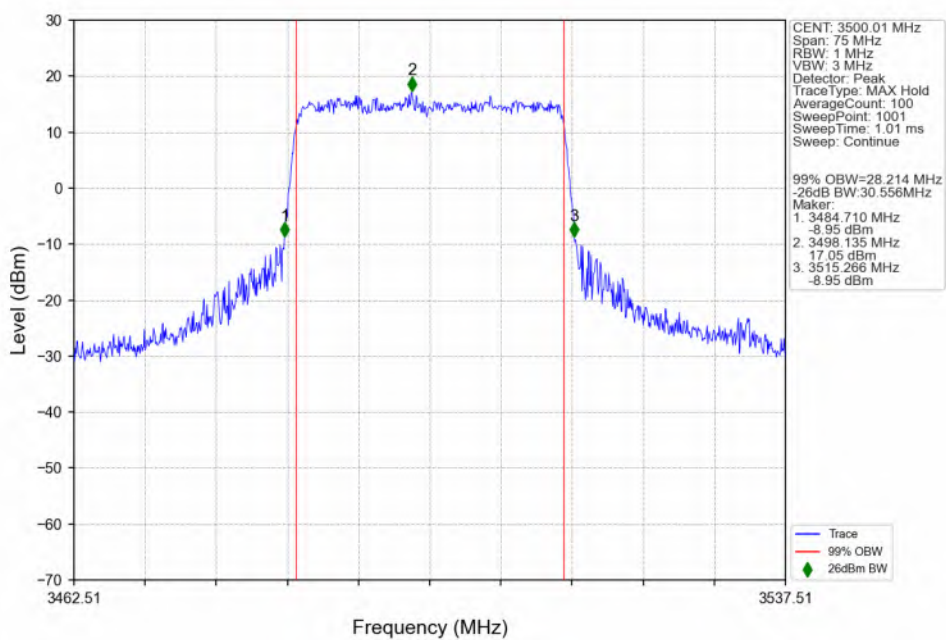
n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



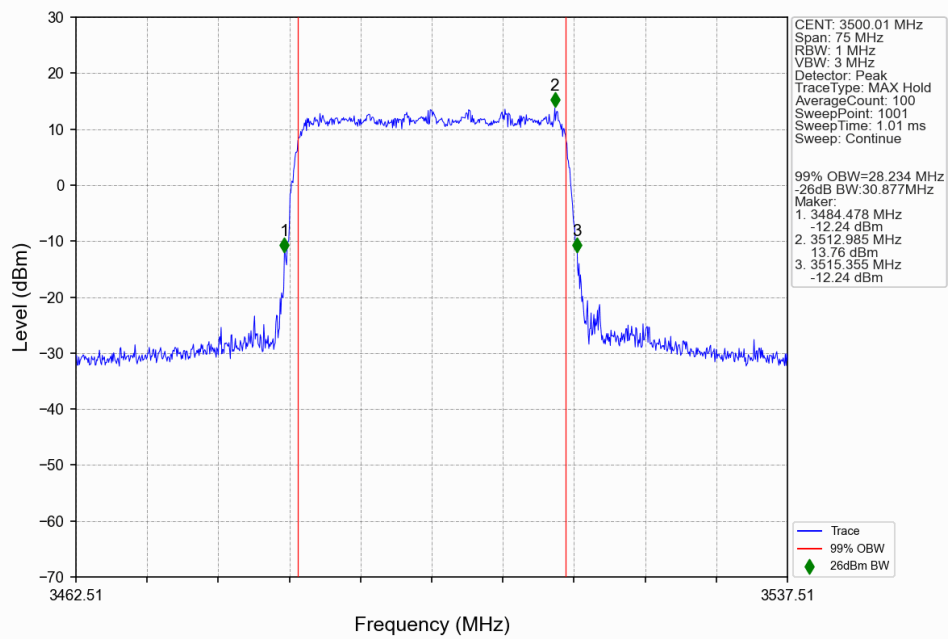
n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1

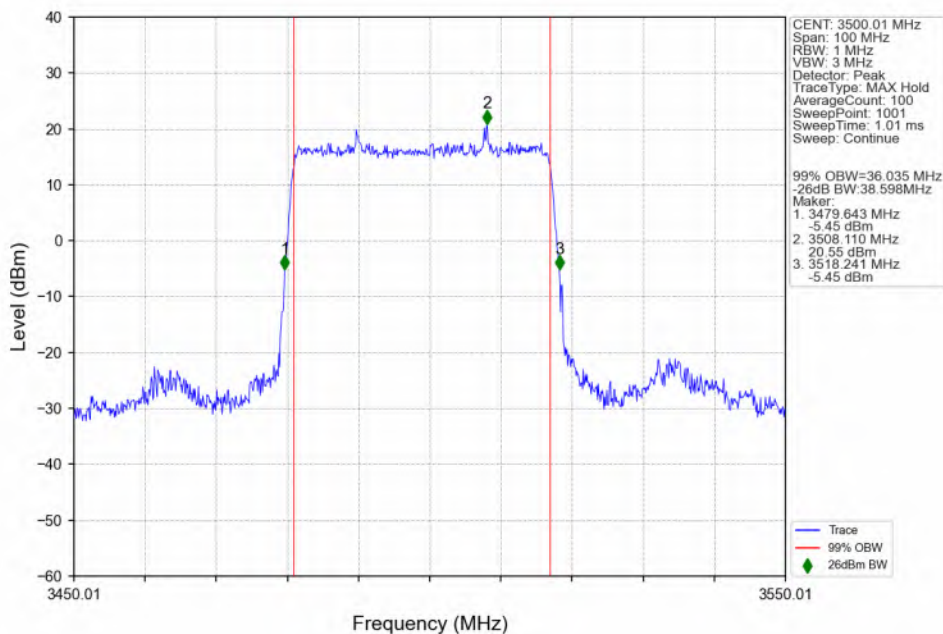


n77d_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1

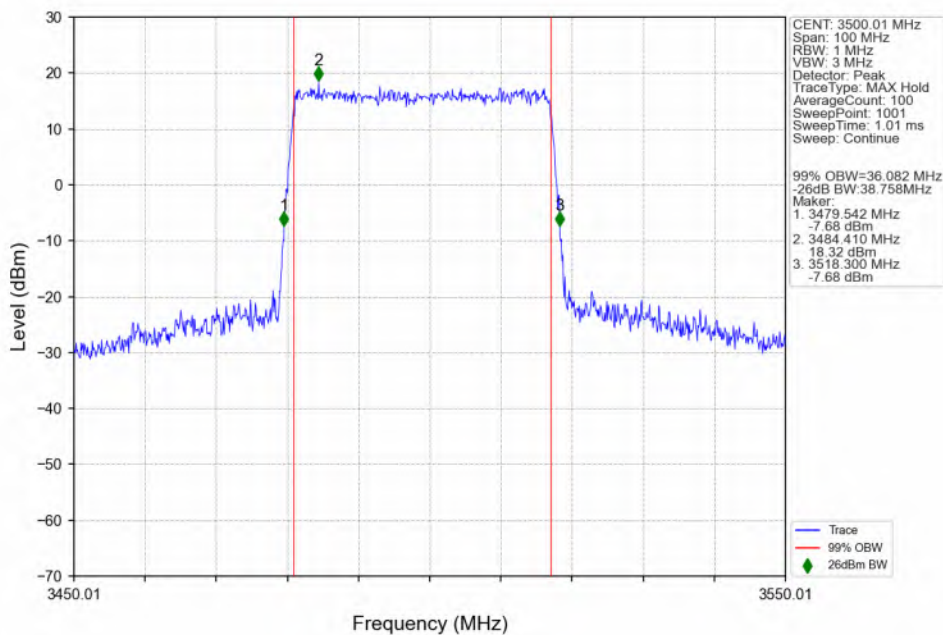


3.2.4 30_S_40M_NTNV

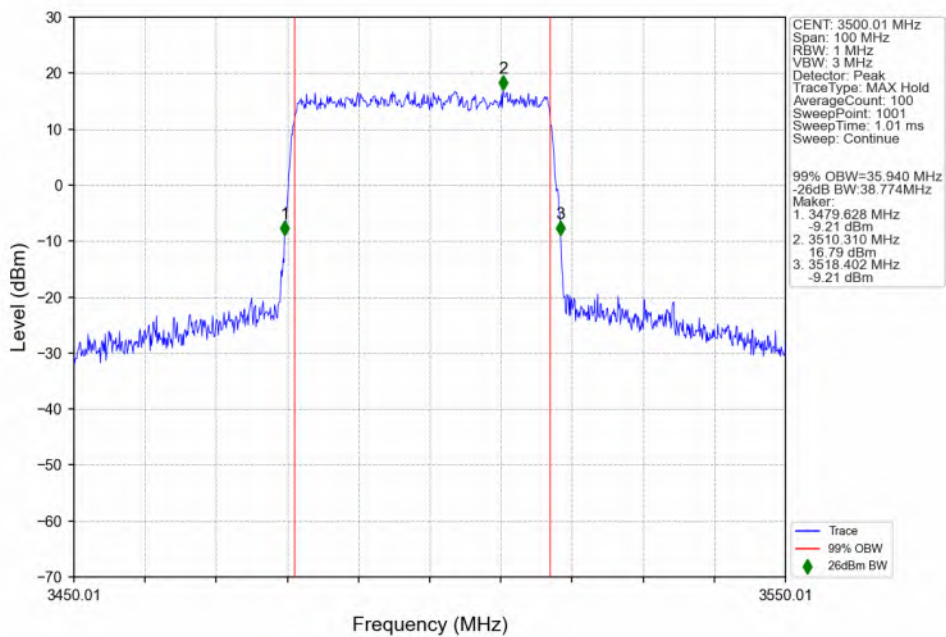
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full_Ant1



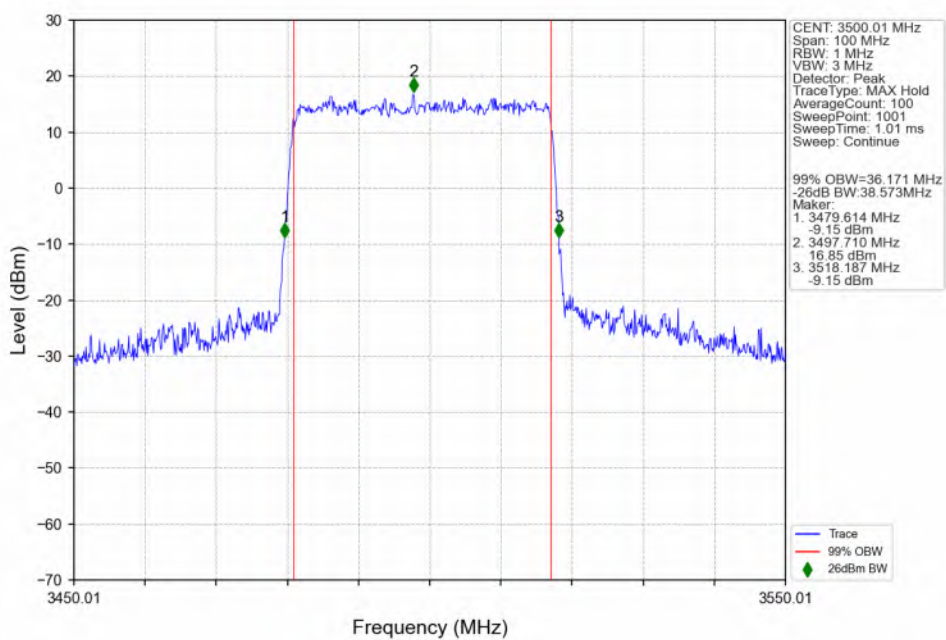
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full_Ant1



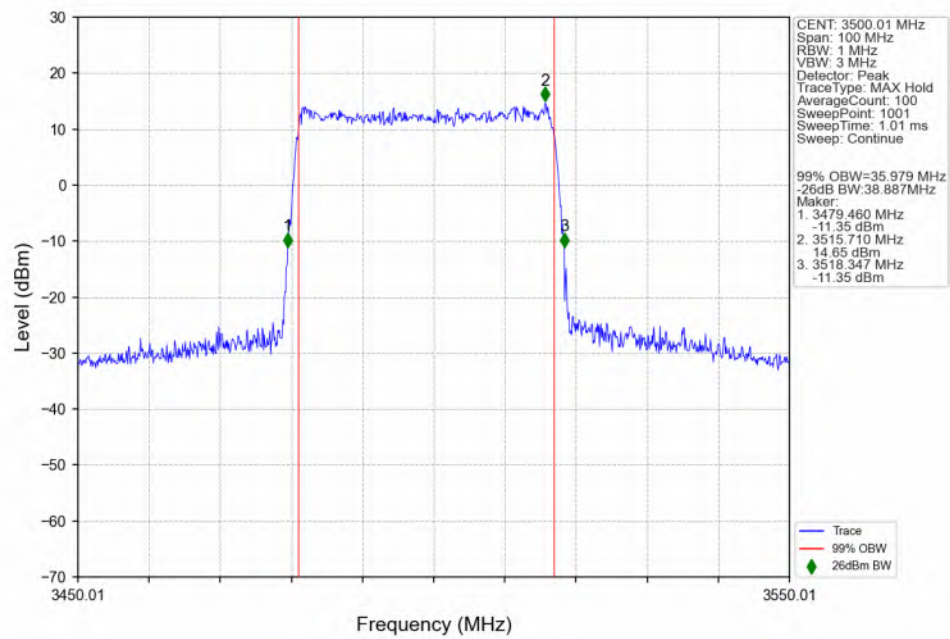
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



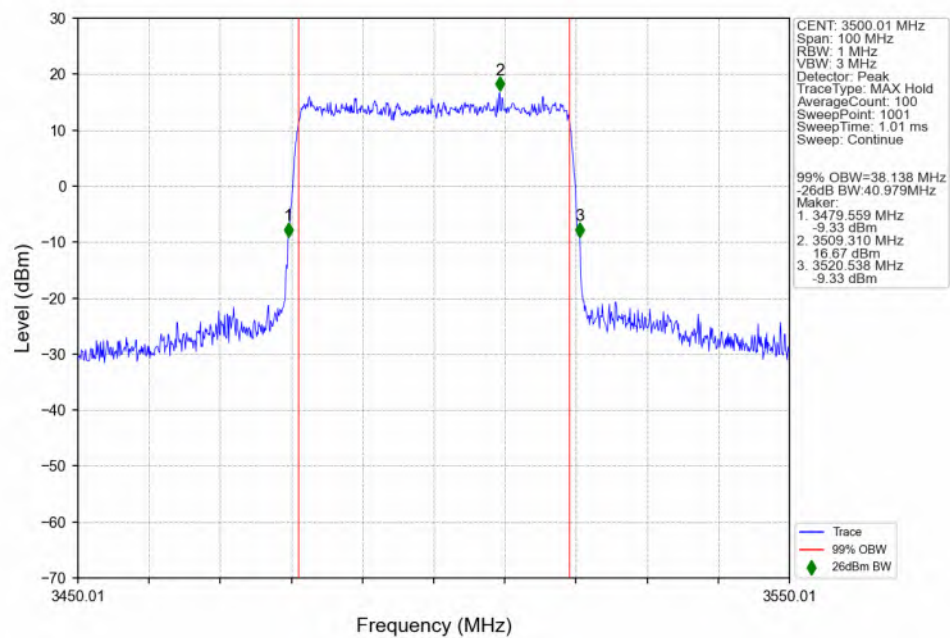
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1



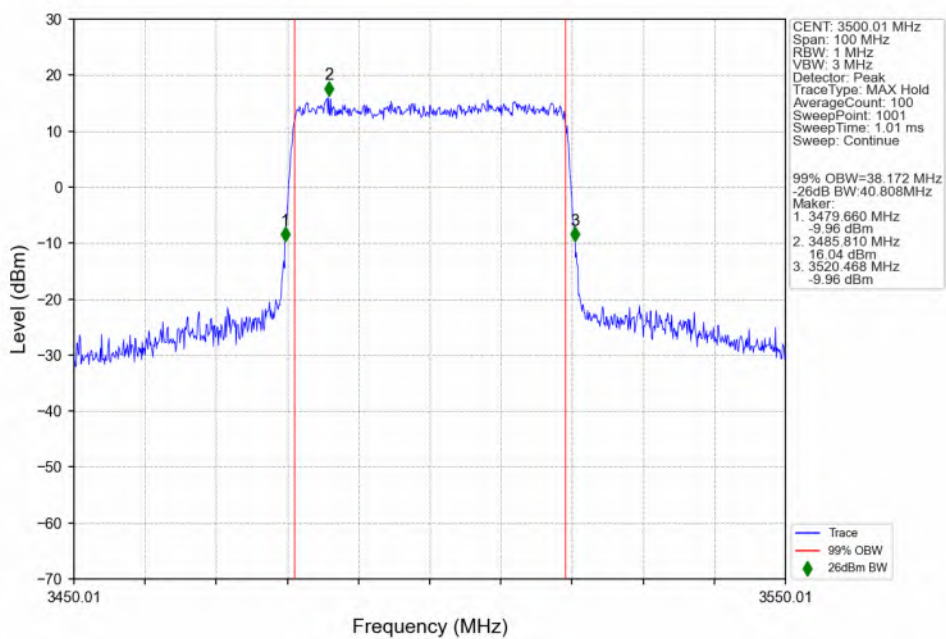
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



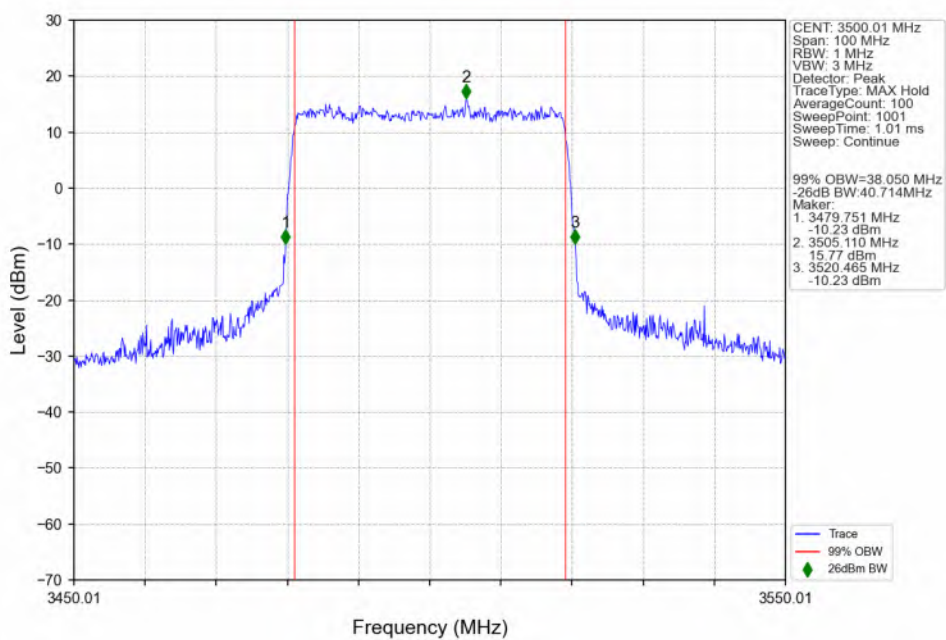
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



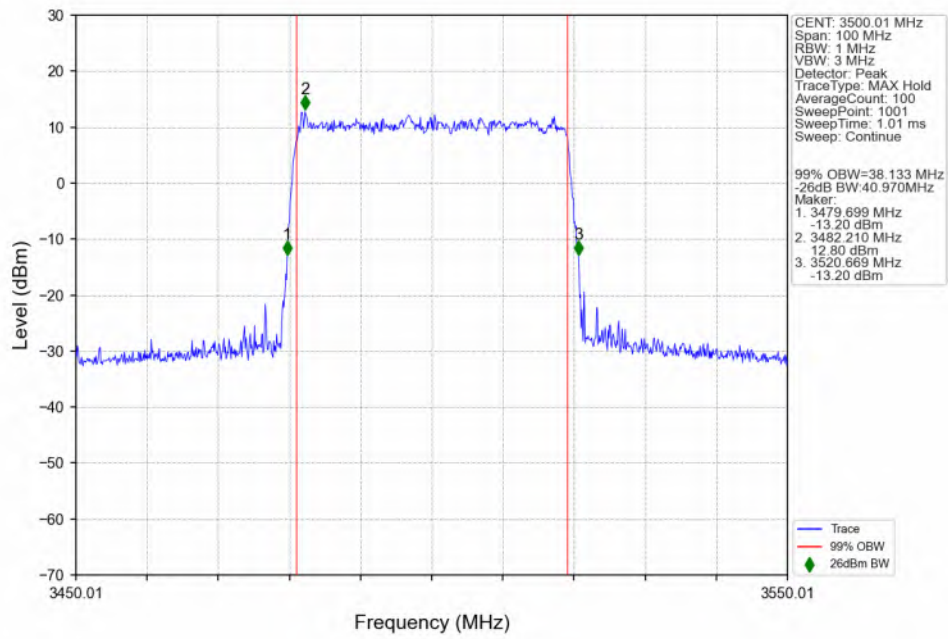
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1

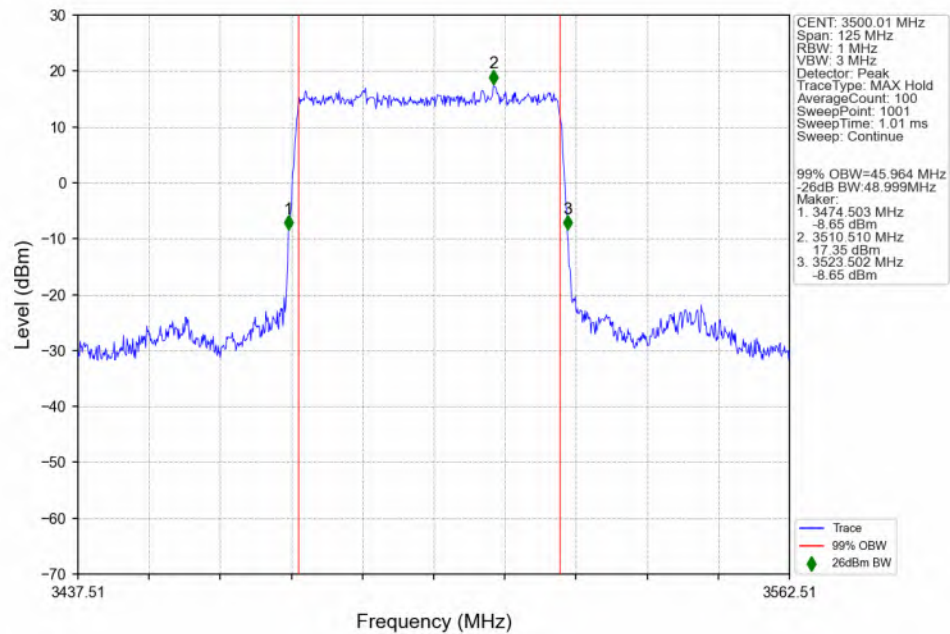


n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1

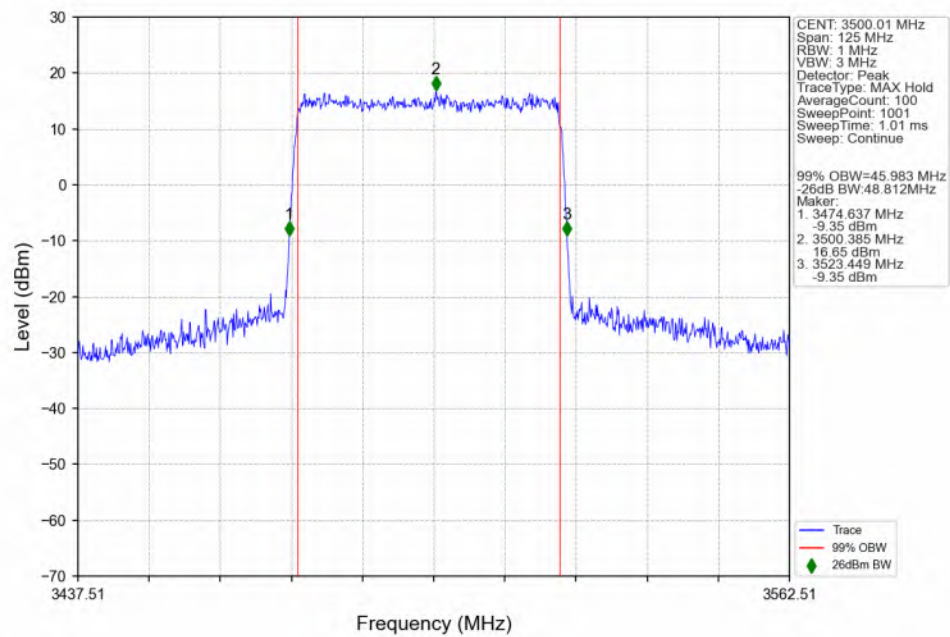


3.2.5 30_S_50M_NTNV

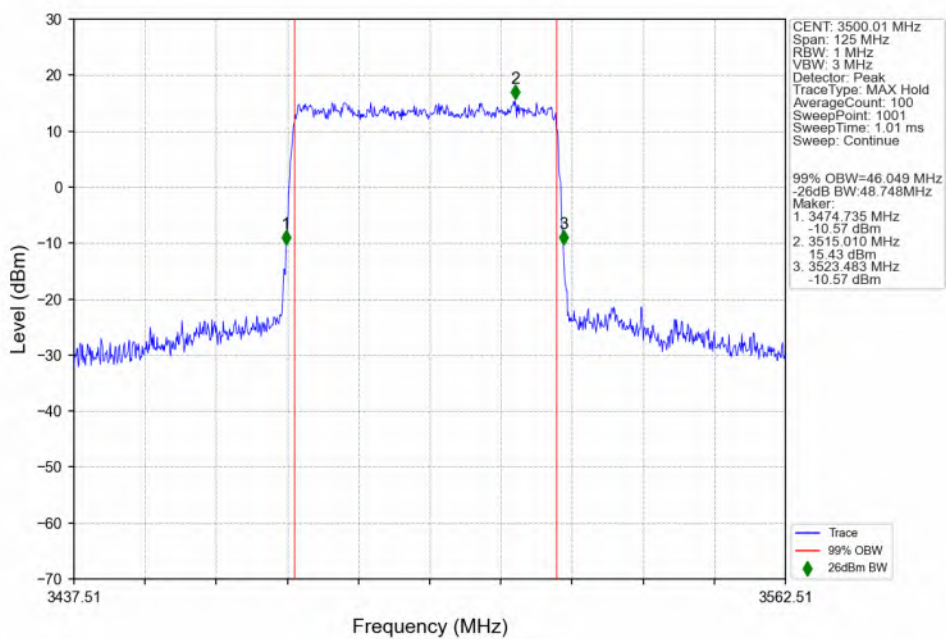
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full_Ant1



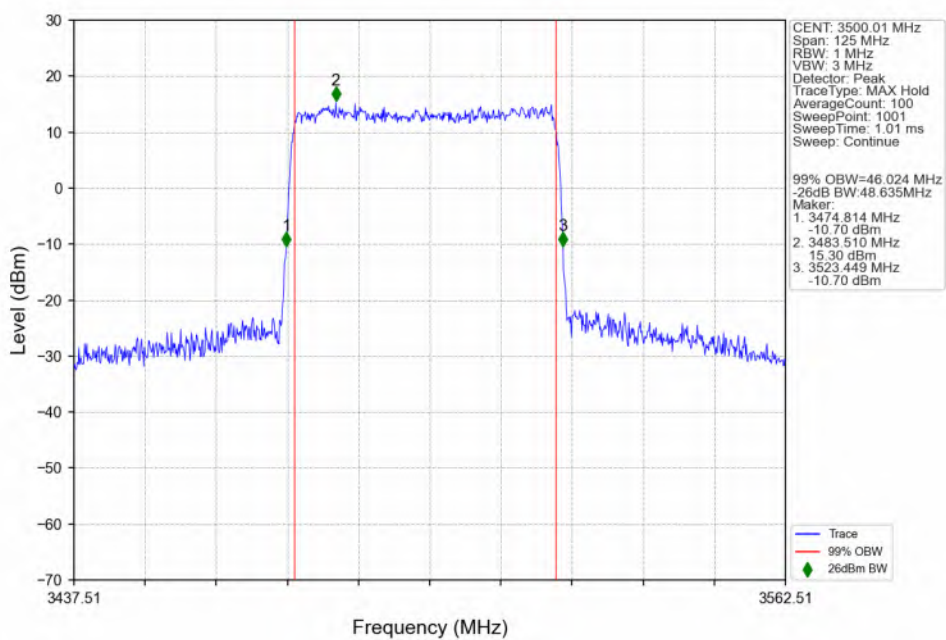
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full_Ant1



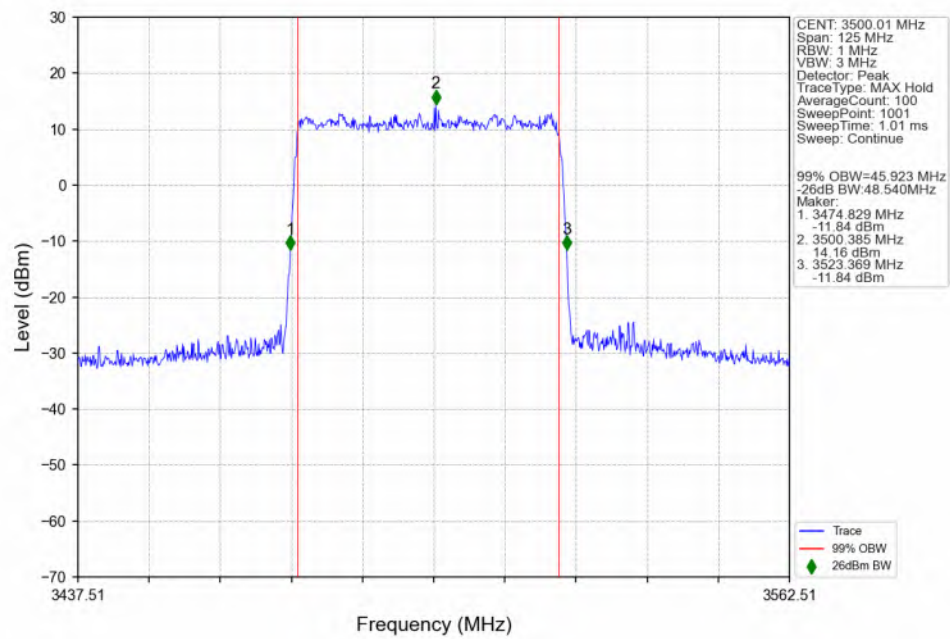
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



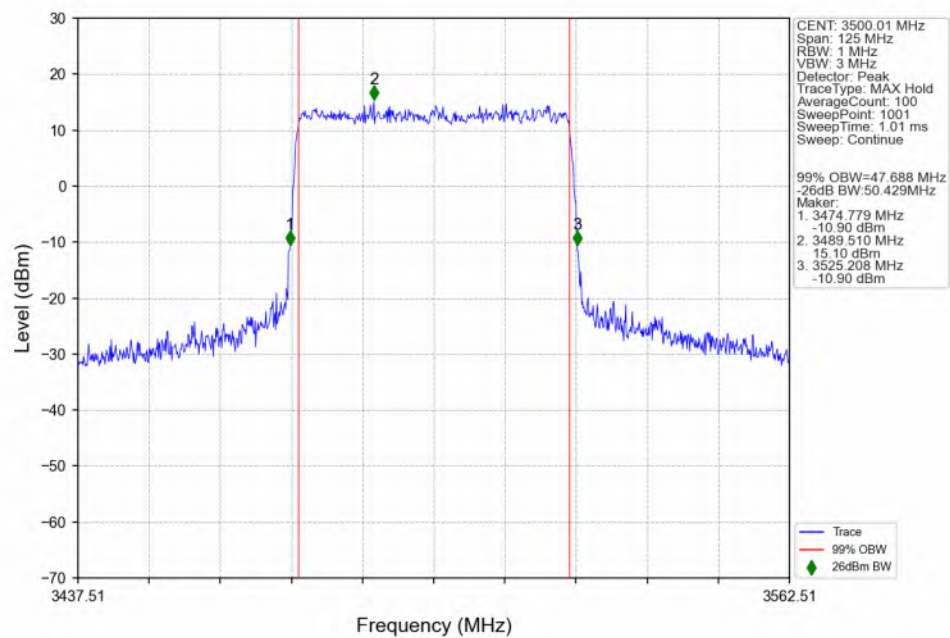
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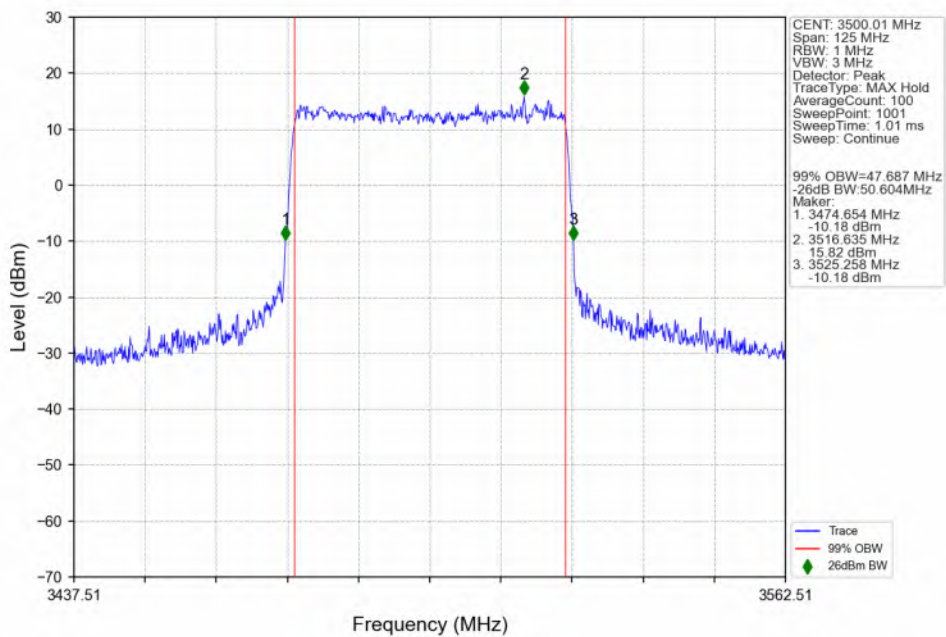
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



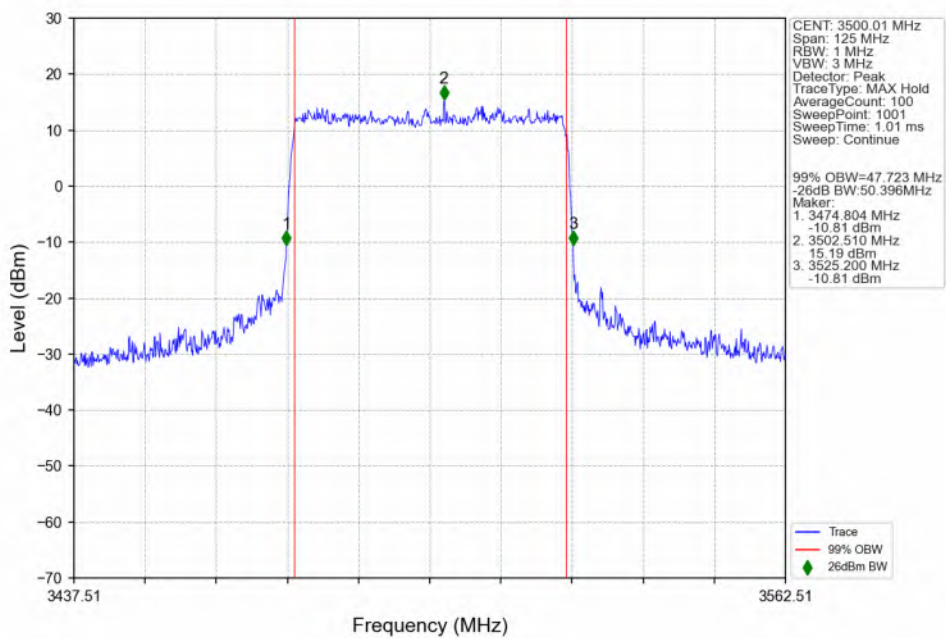
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



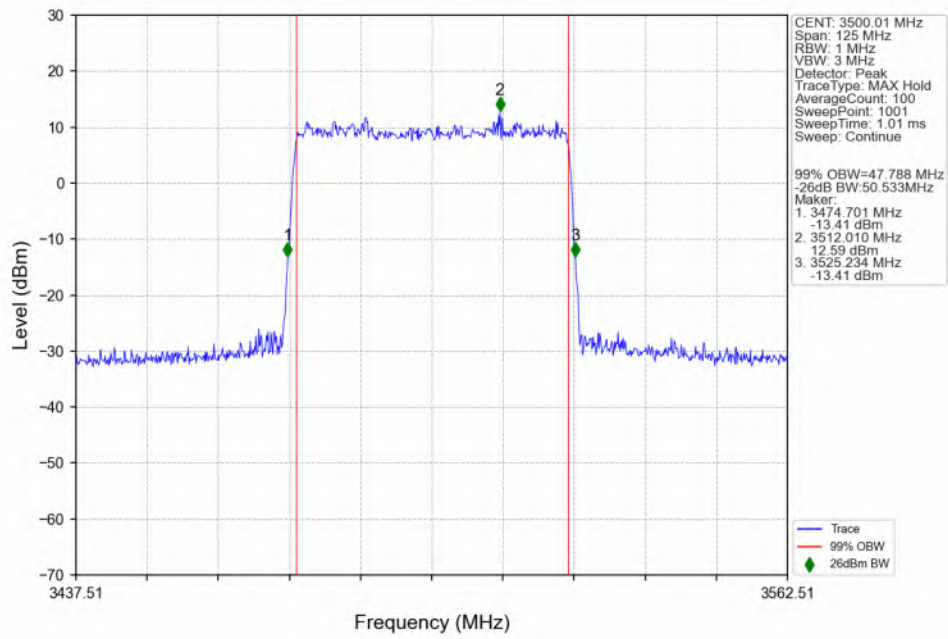
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1

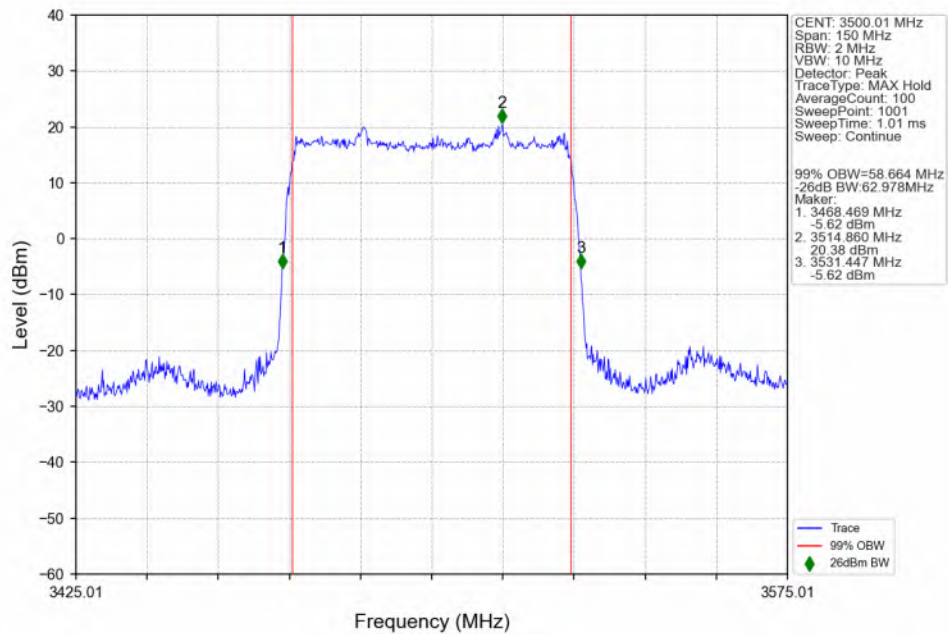


n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1

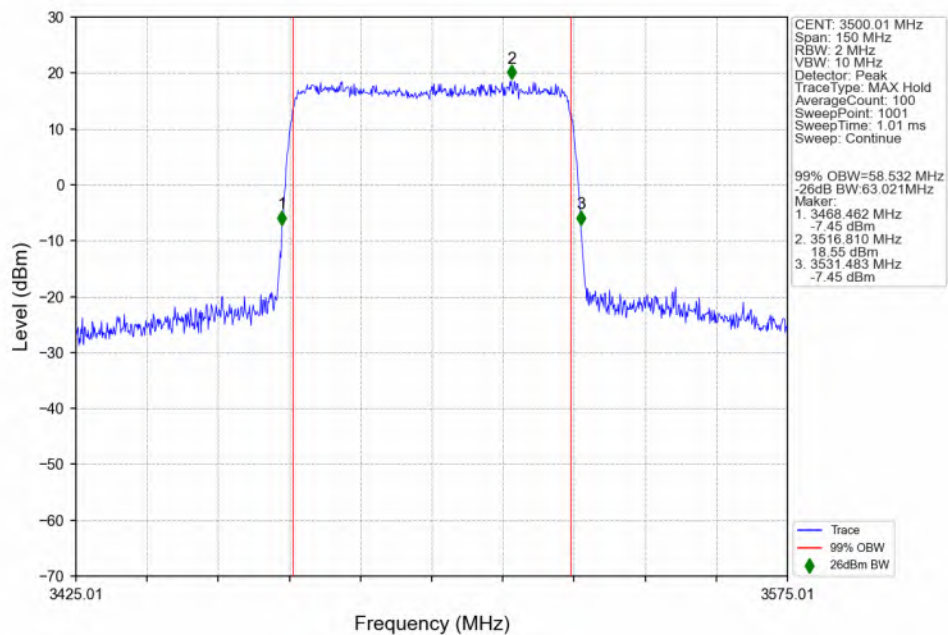


3.2.6 30_S_60M_NTNV

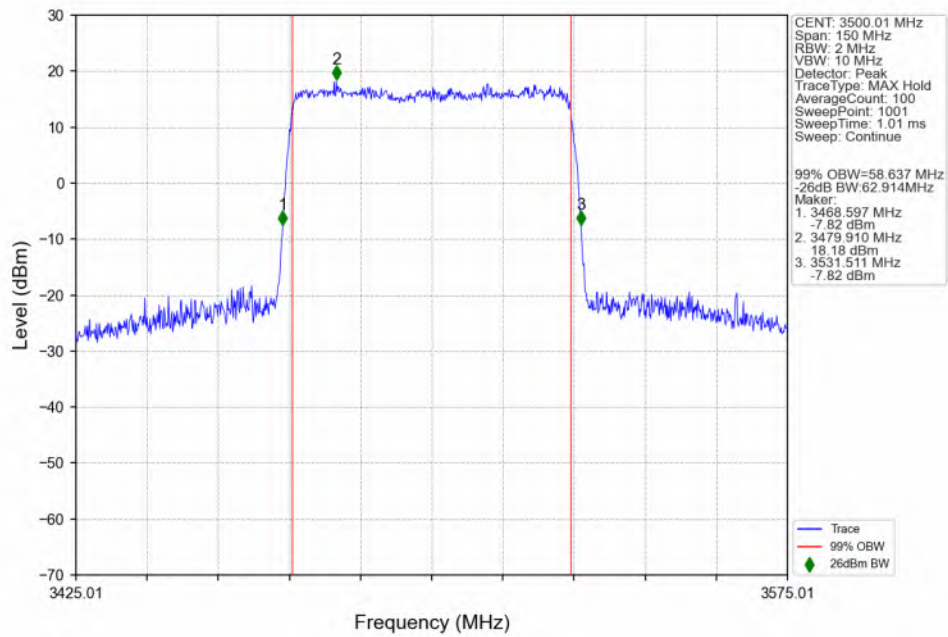
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full_Ant1



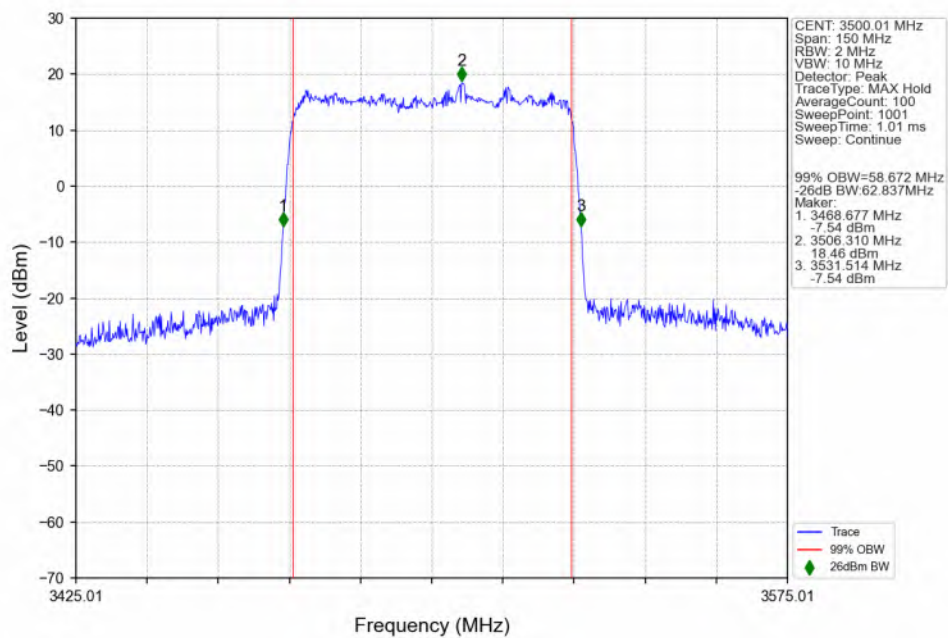
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full_Ant1



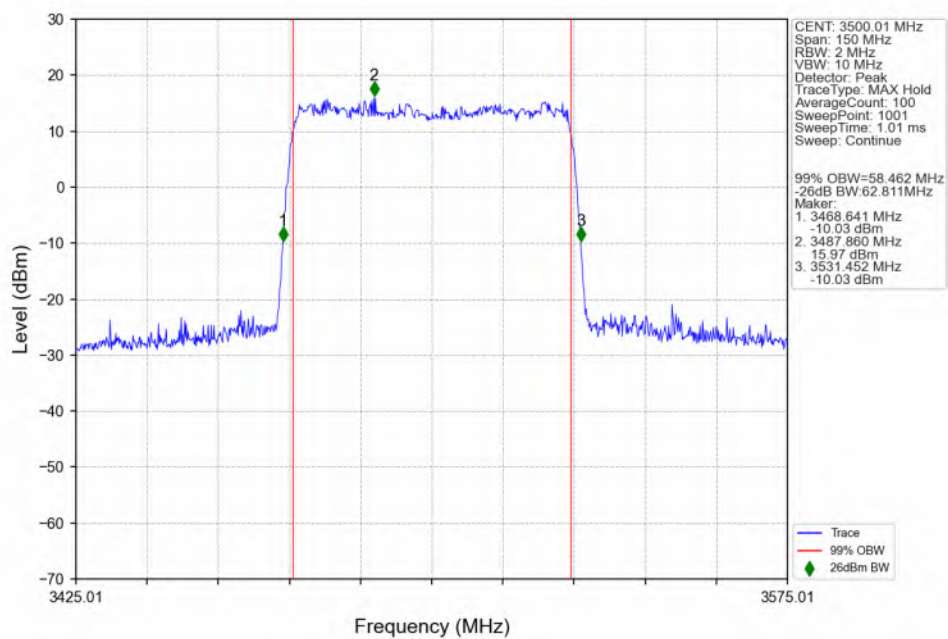
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16 QAM_3500.01MHz_Outer_Full_Ant1



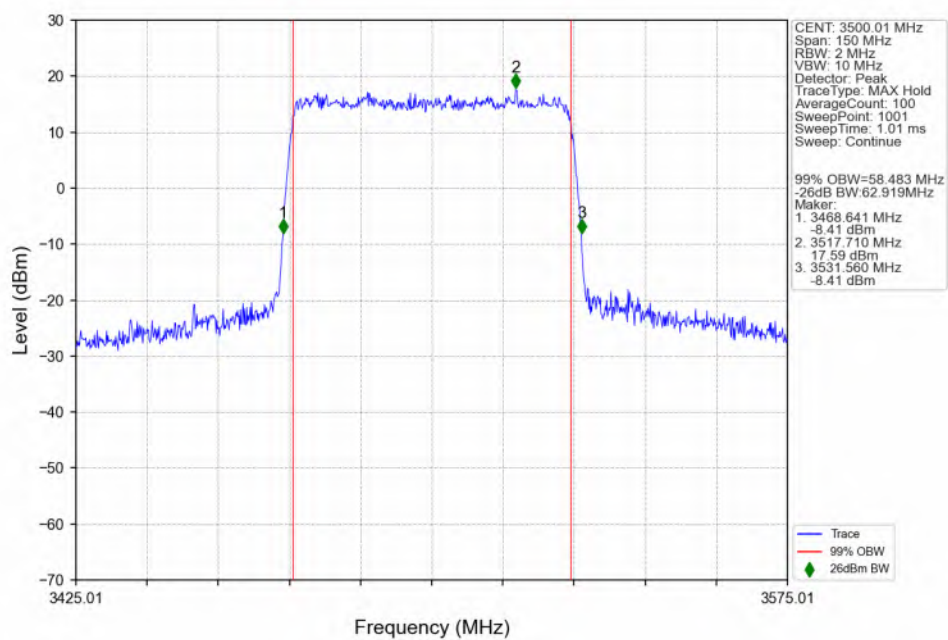
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64 QAM_3500.01MHz_Outer_Full_Ant1



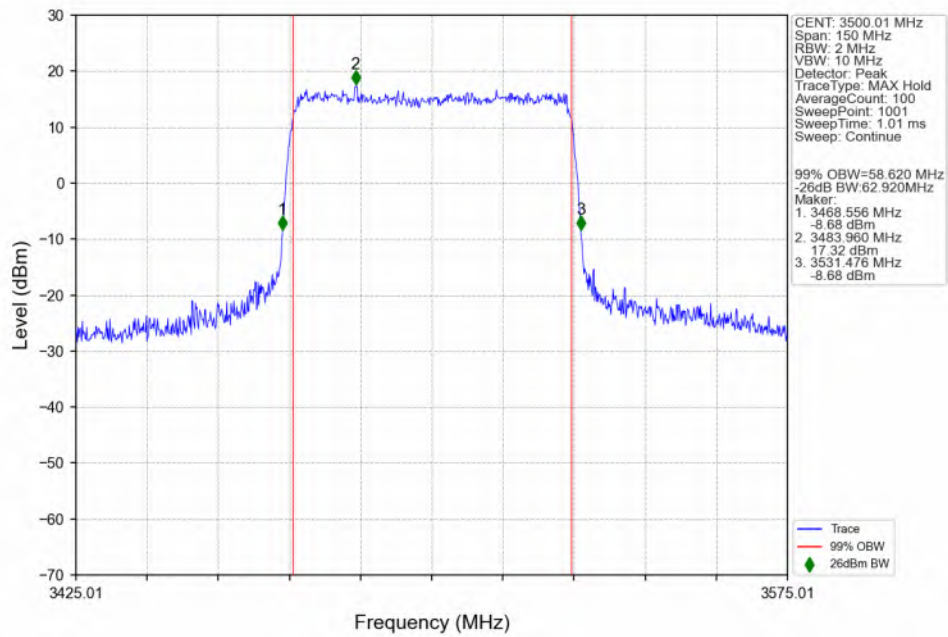
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



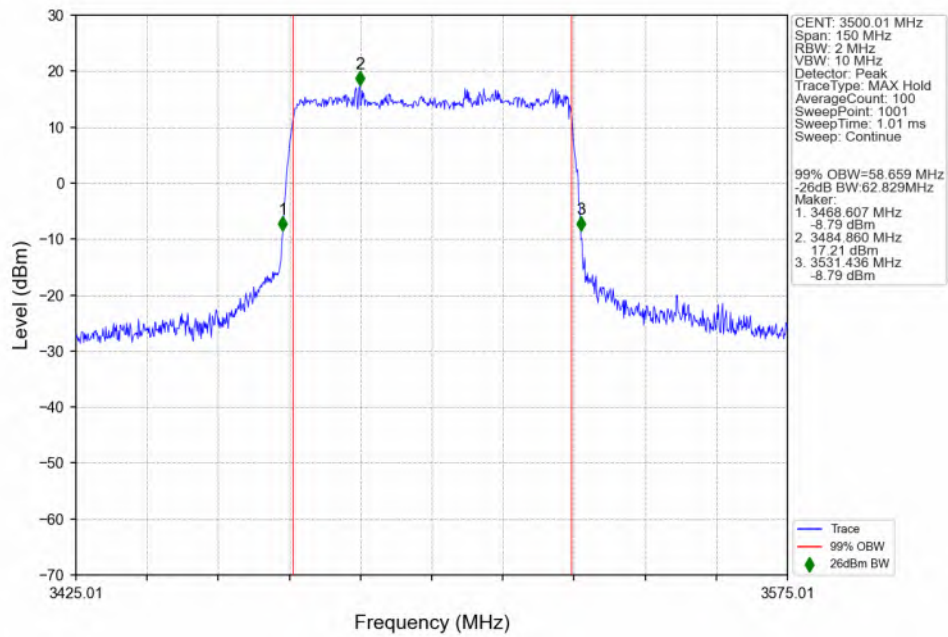
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



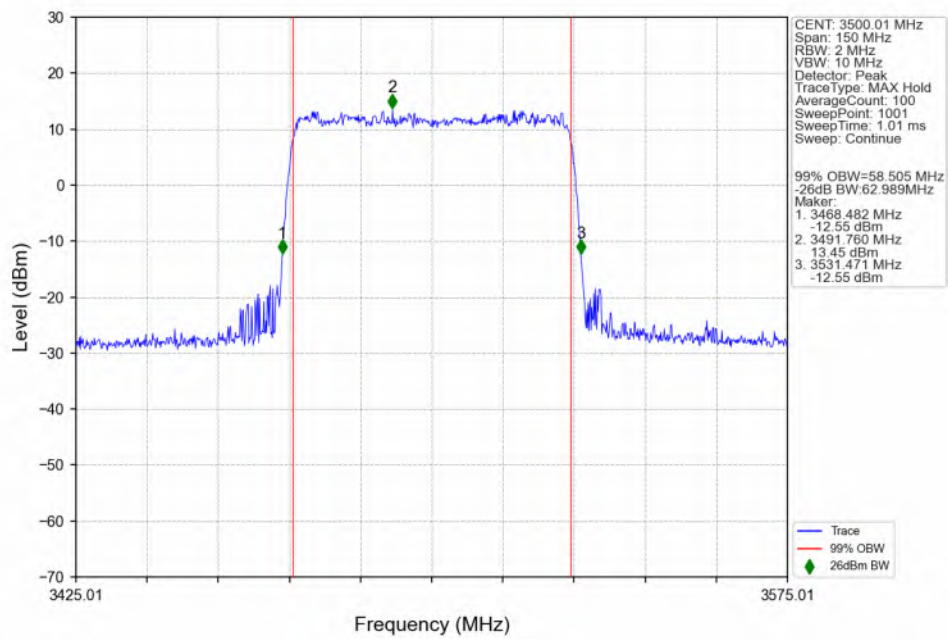
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1

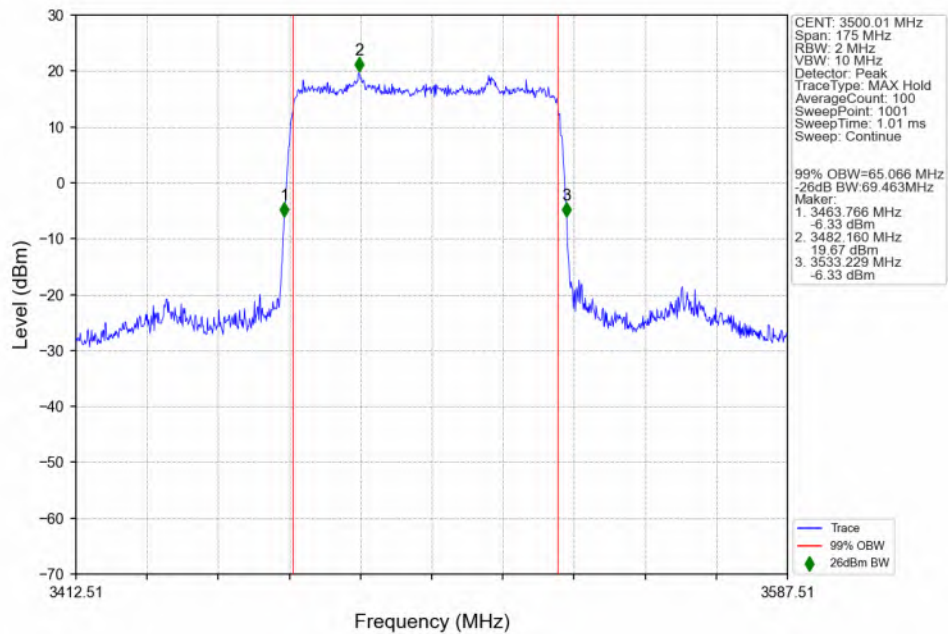


n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1

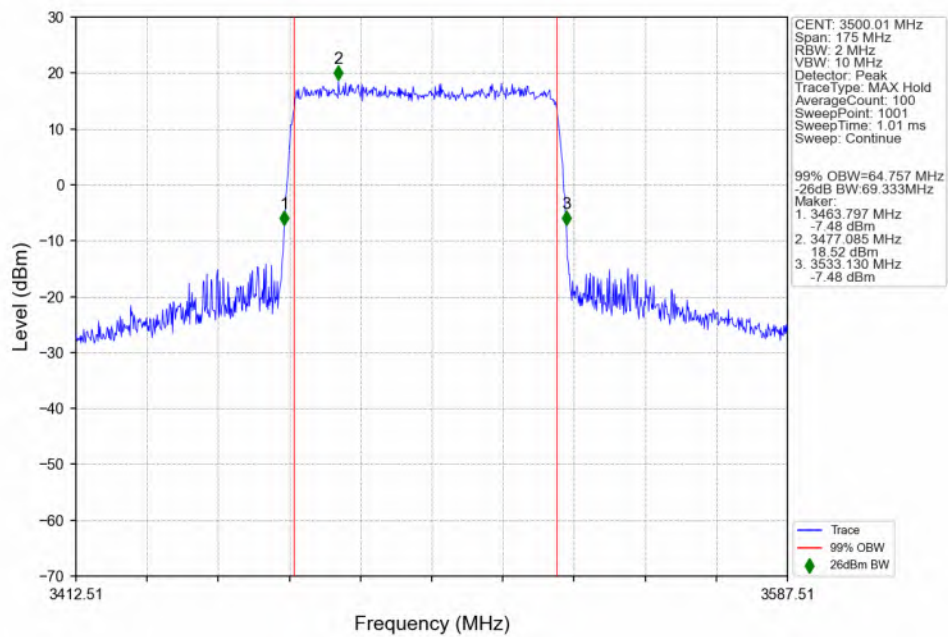


3.2.7 30_S_70M_NTNV

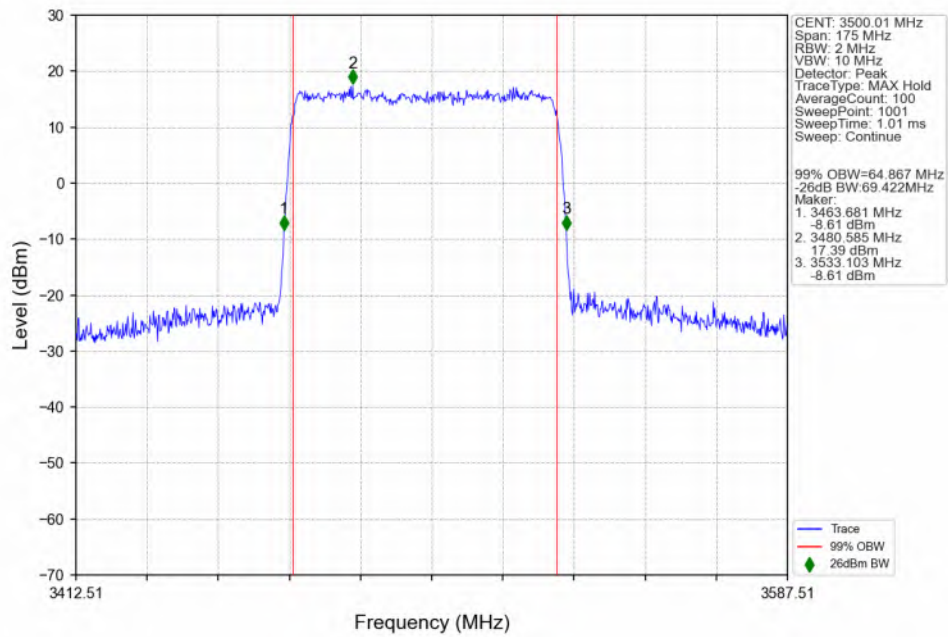
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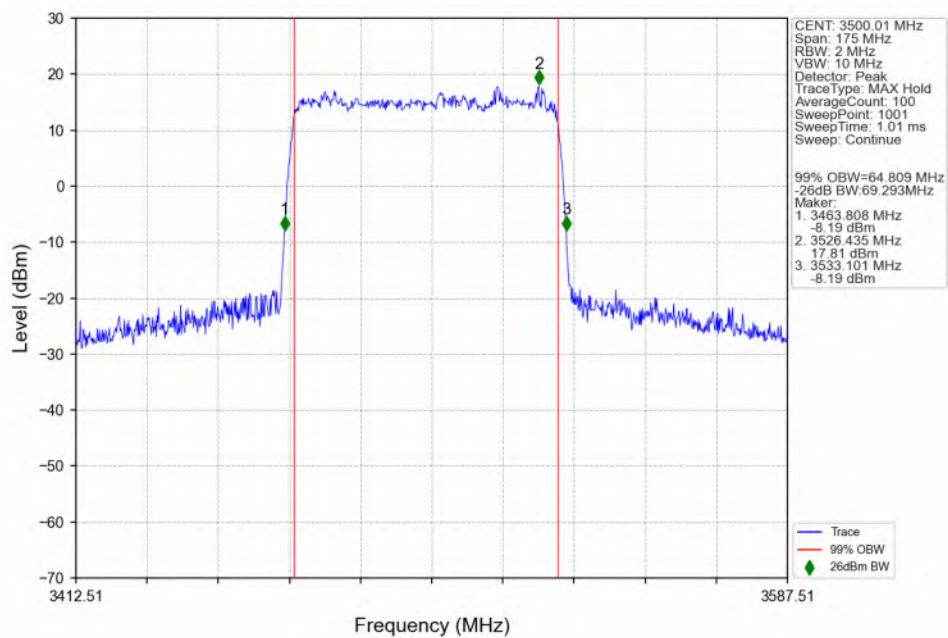
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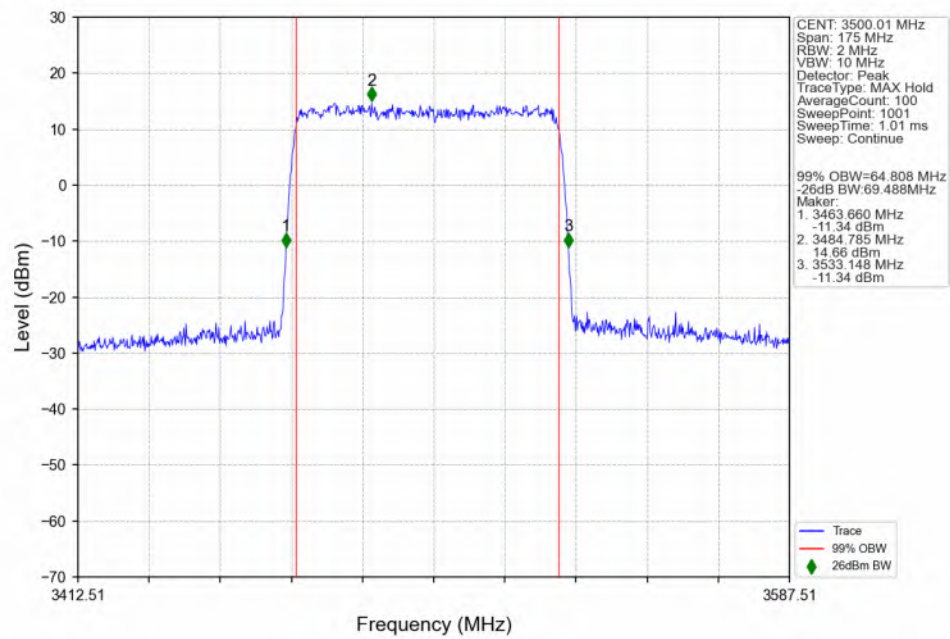
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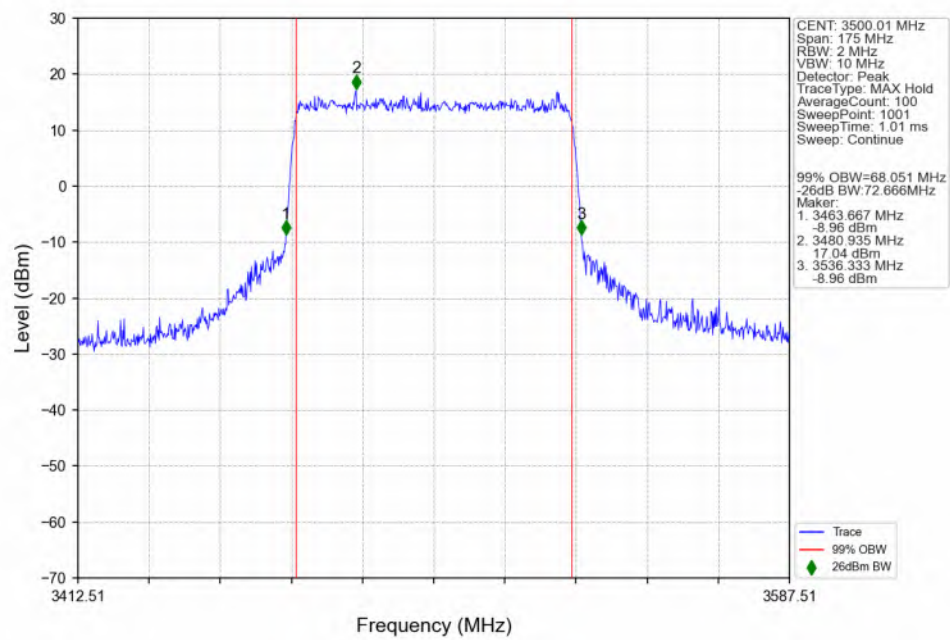
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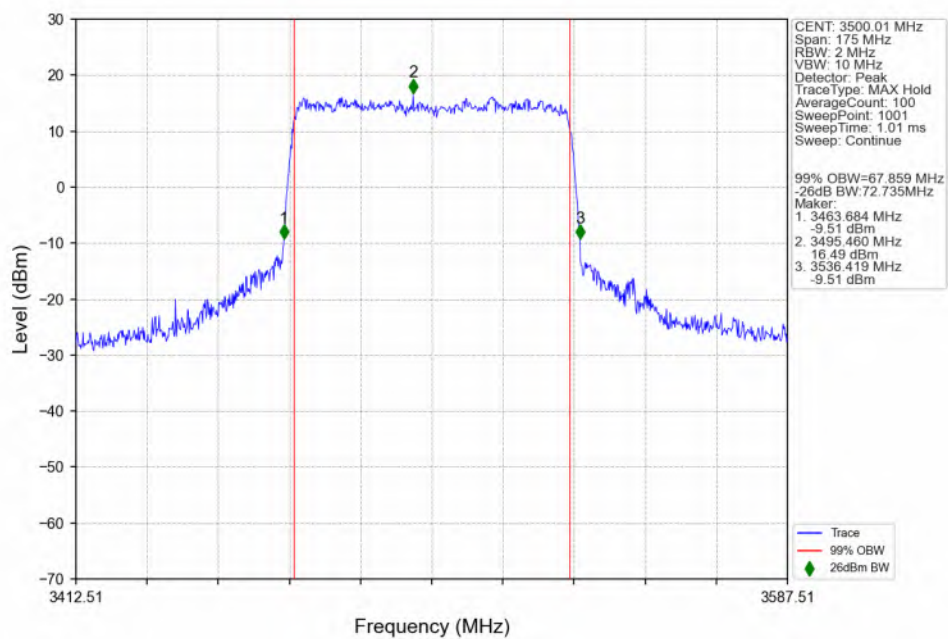
n77d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



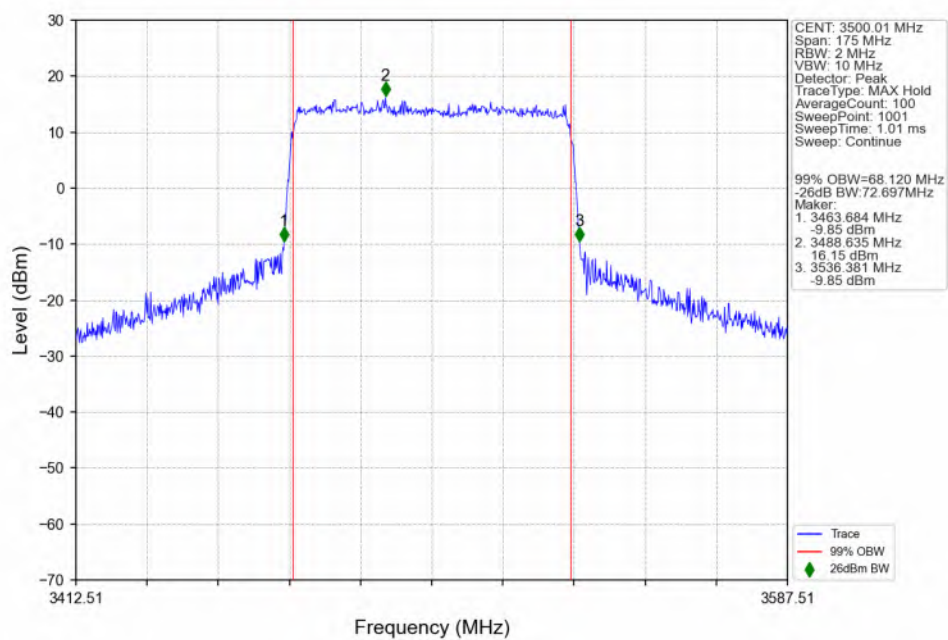
n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



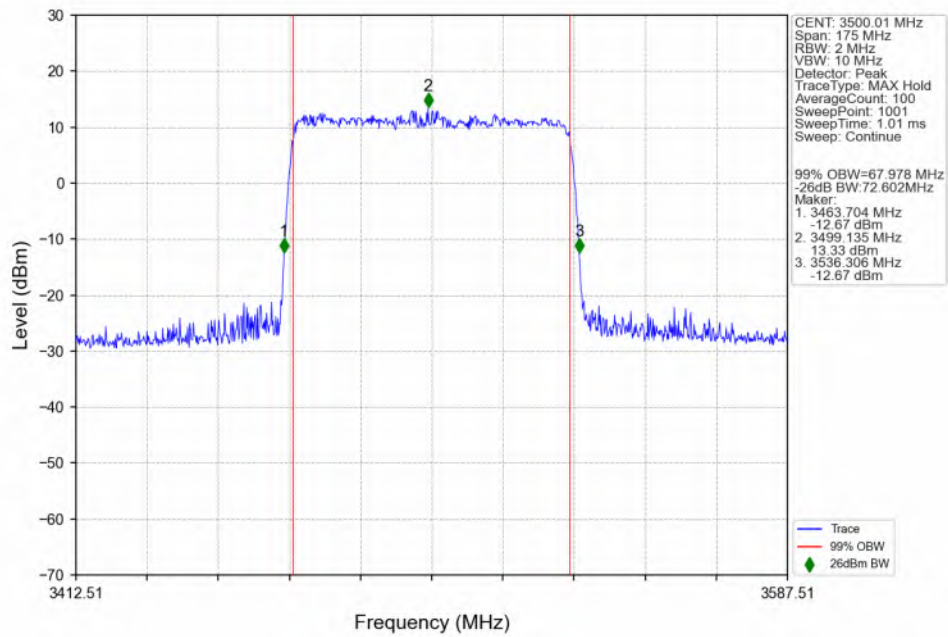
n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1

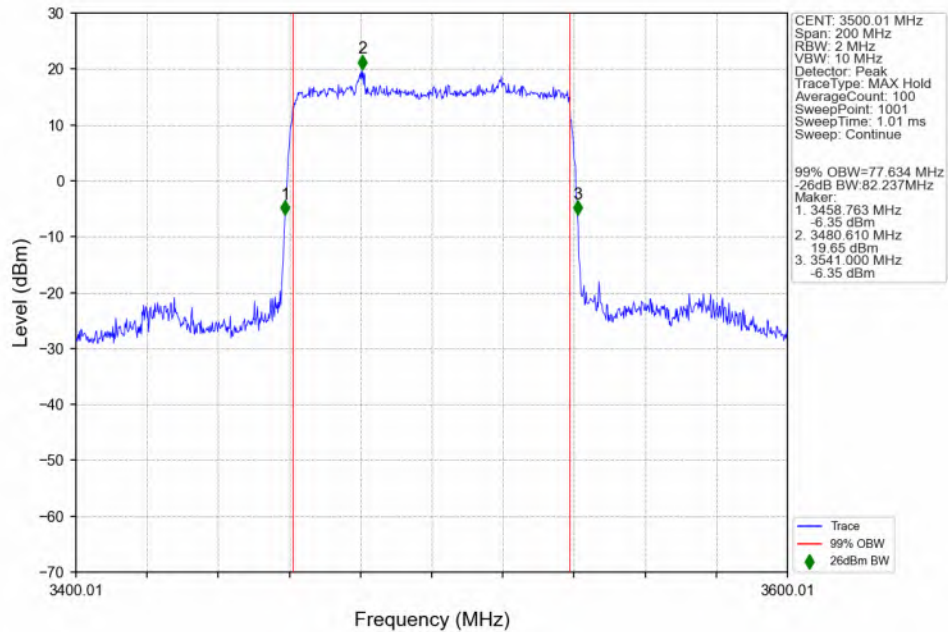


n77d_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1

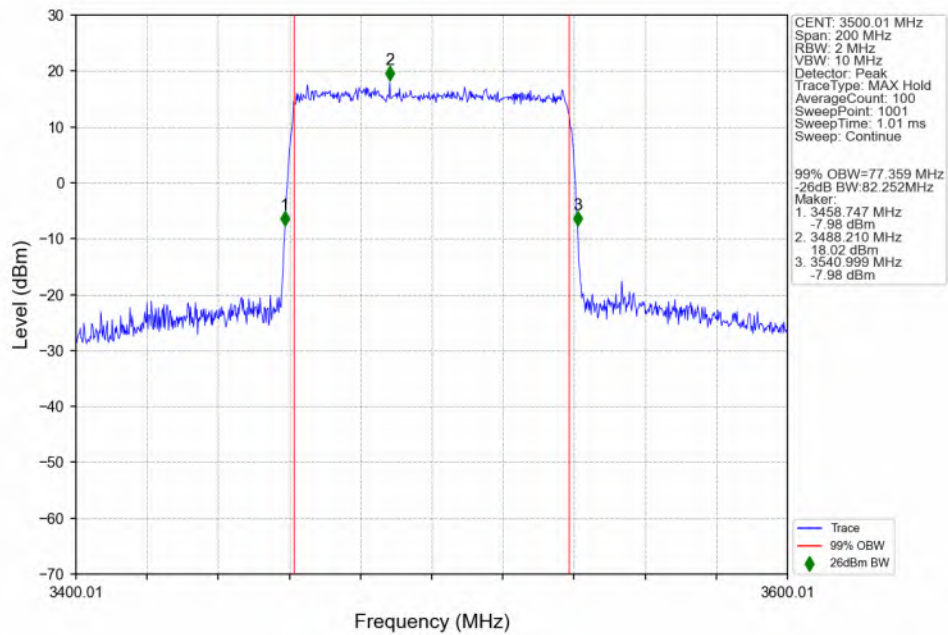


3.2.8 30_S_80M_NTNV

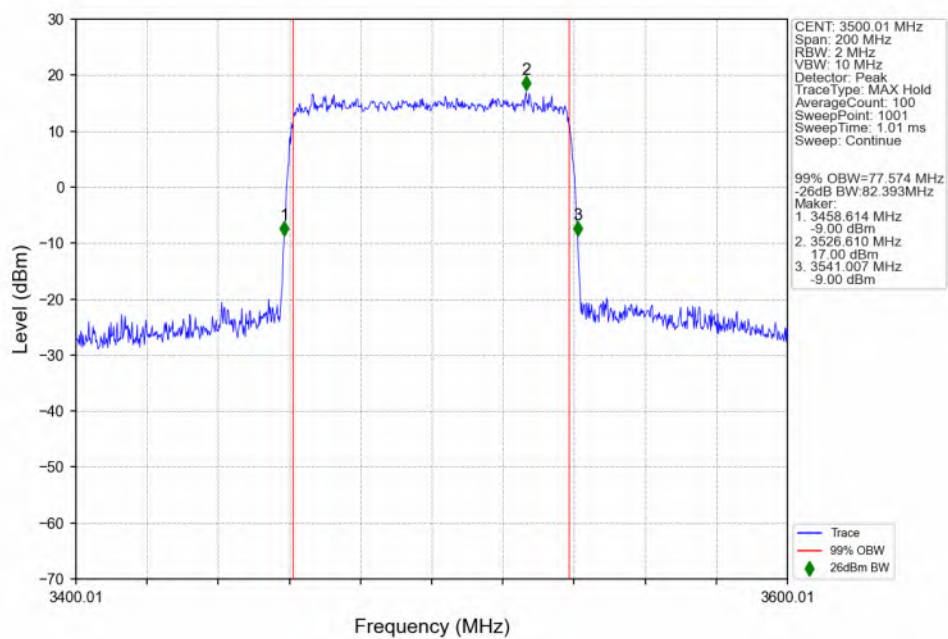
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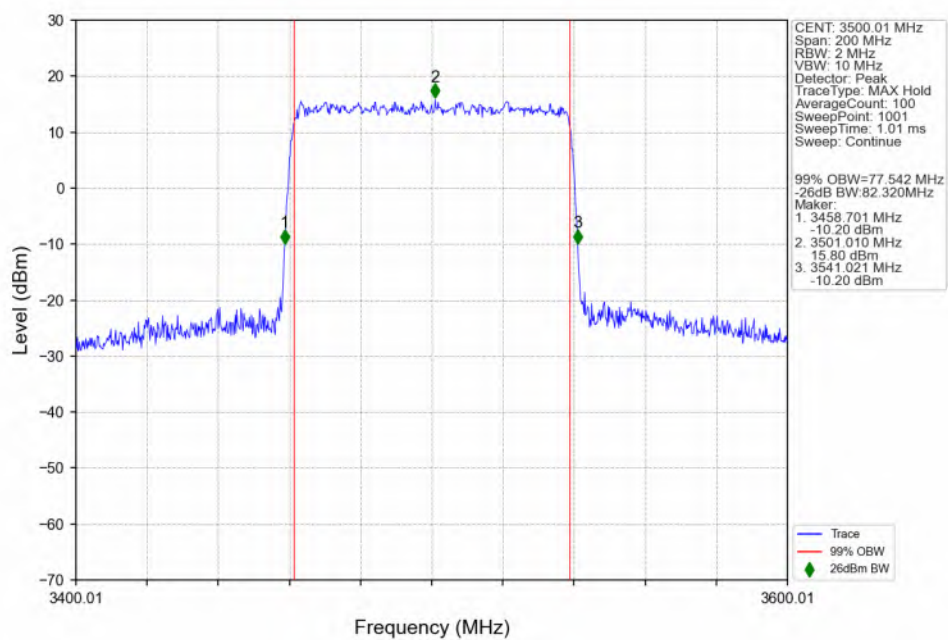
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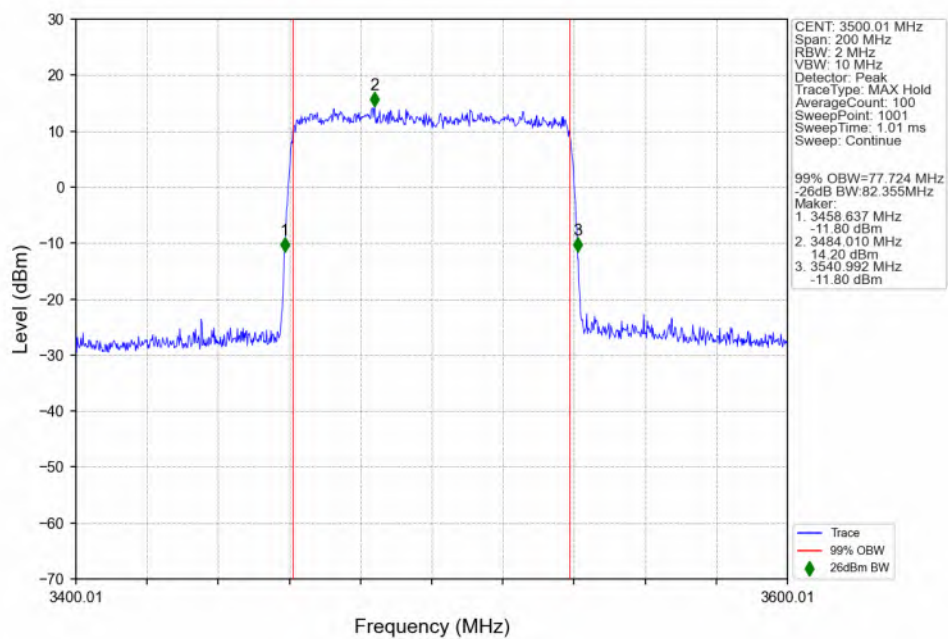
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



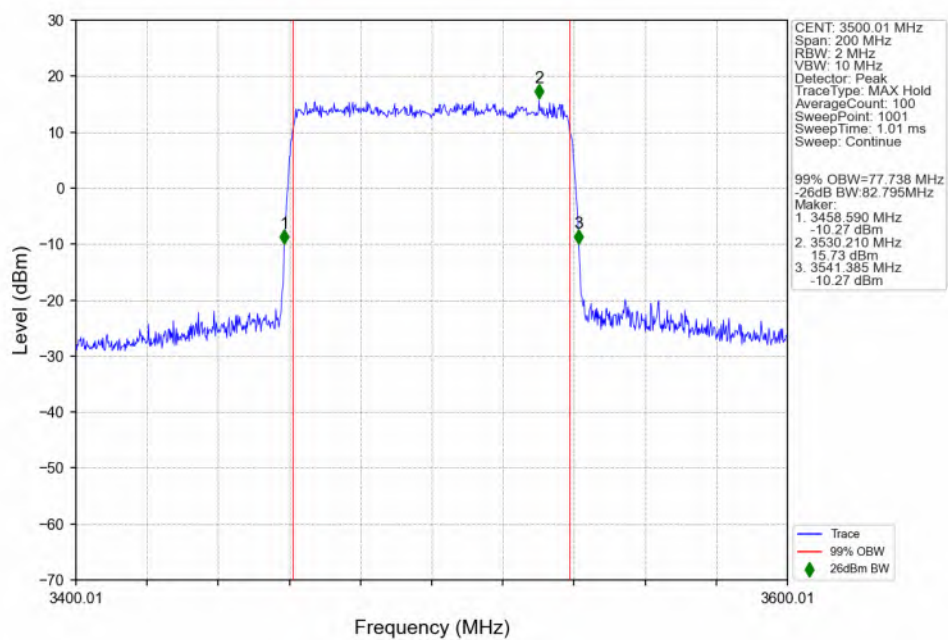
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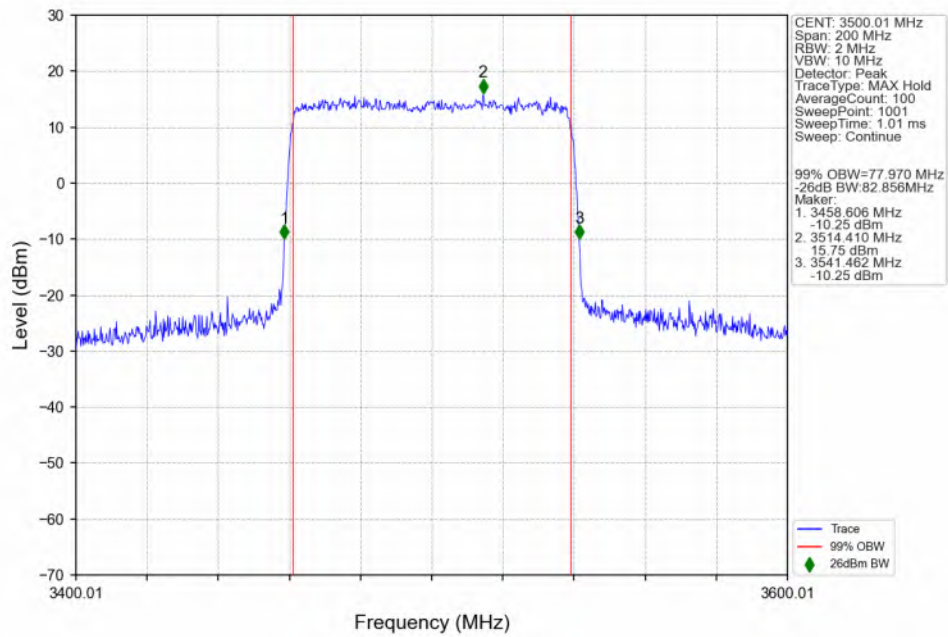
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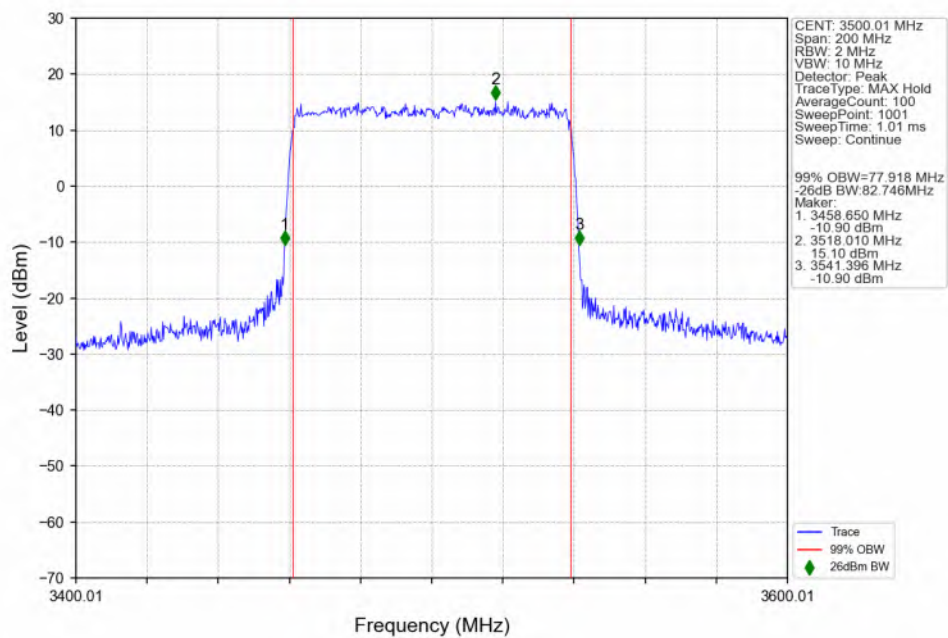
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1

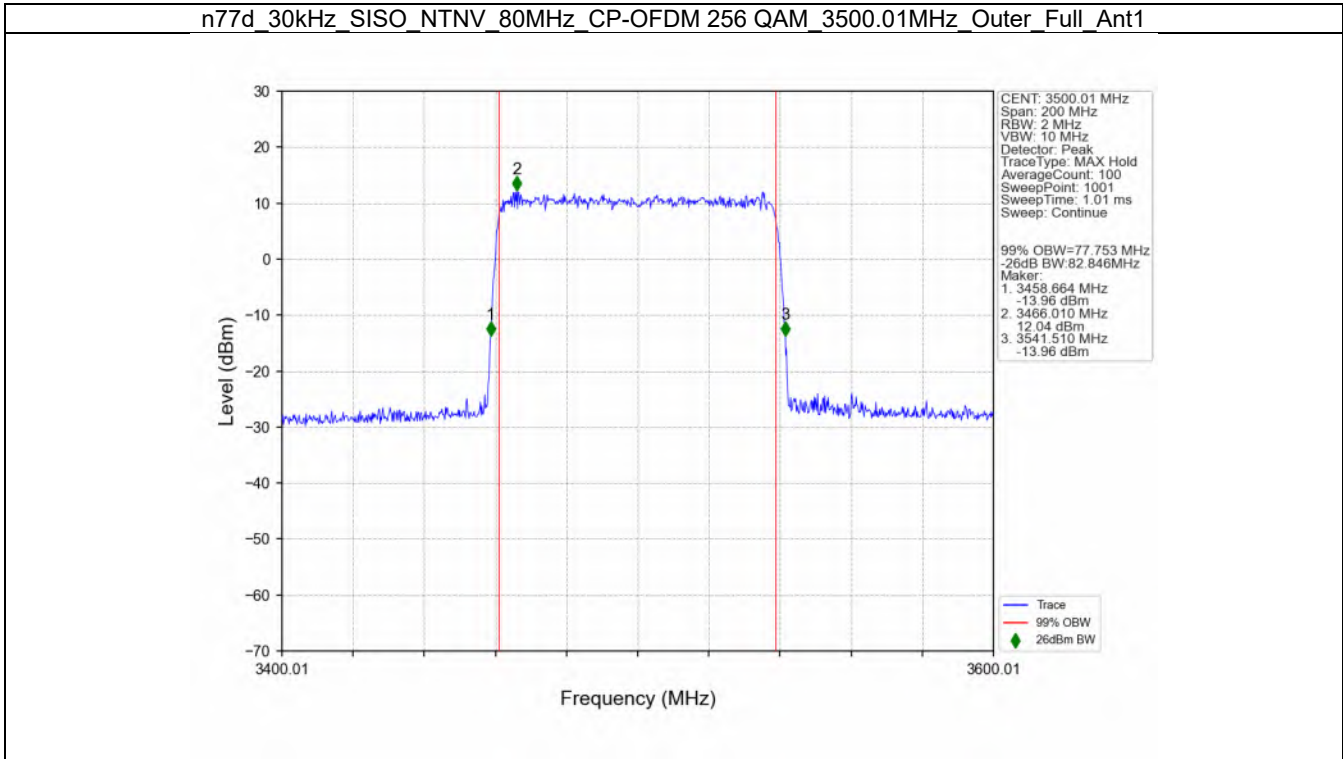


n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



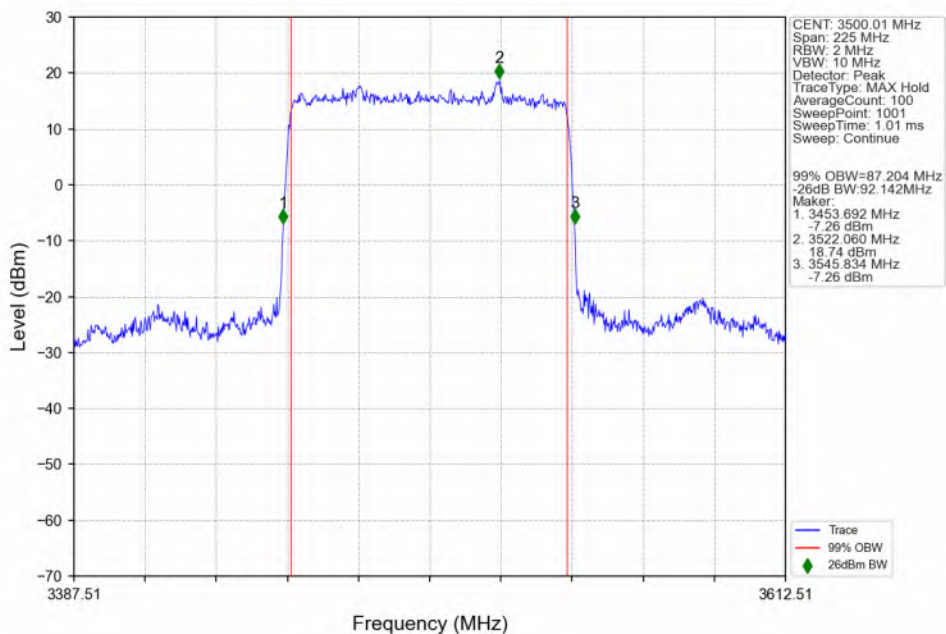
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



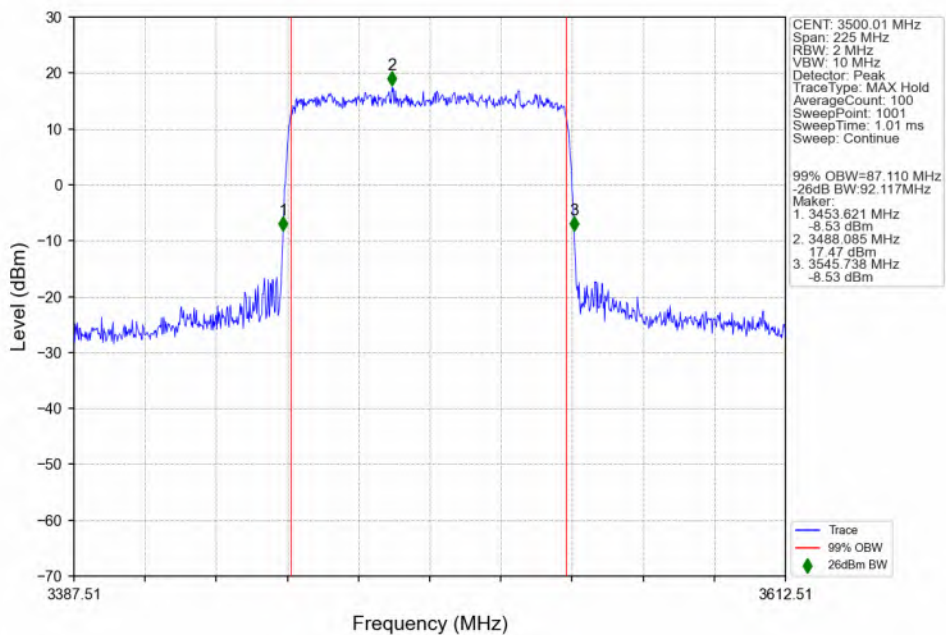


3.2.9 30_S_90M_NTNV

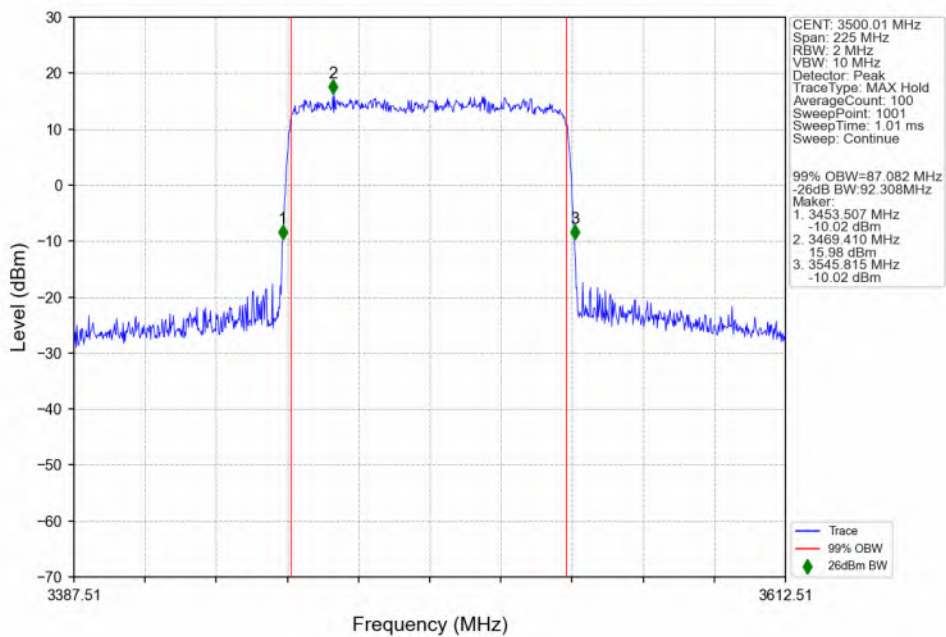
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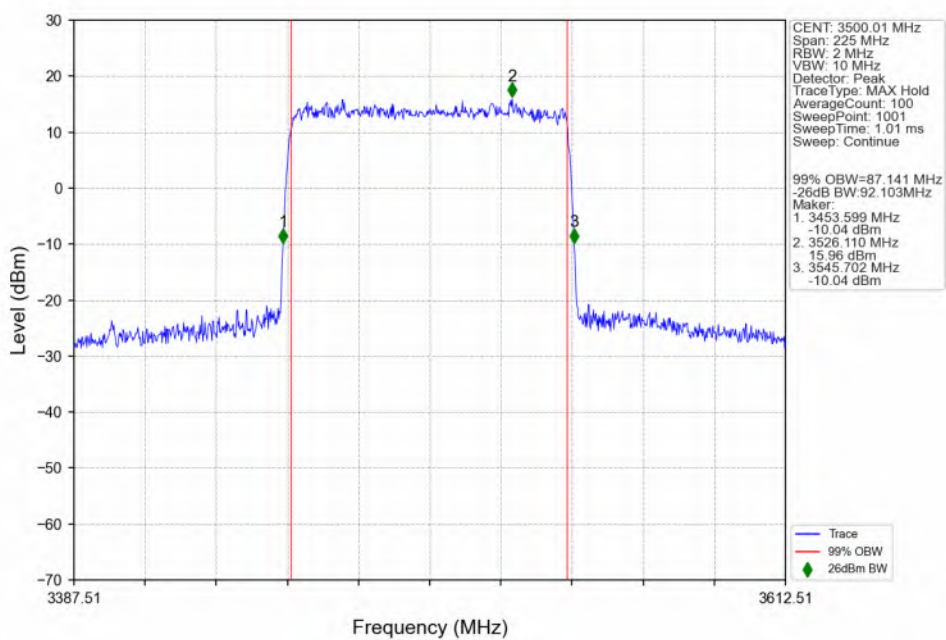
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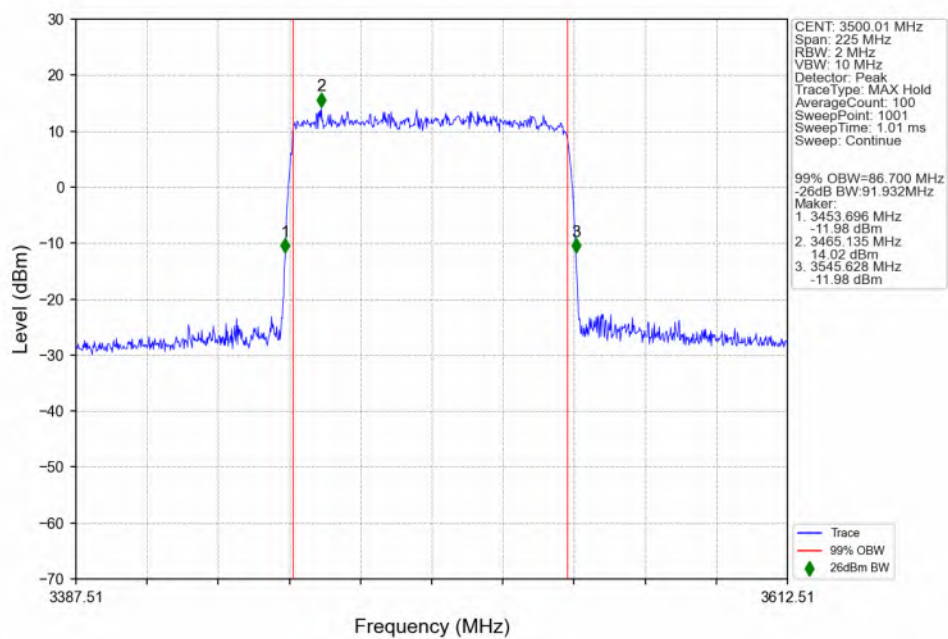
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



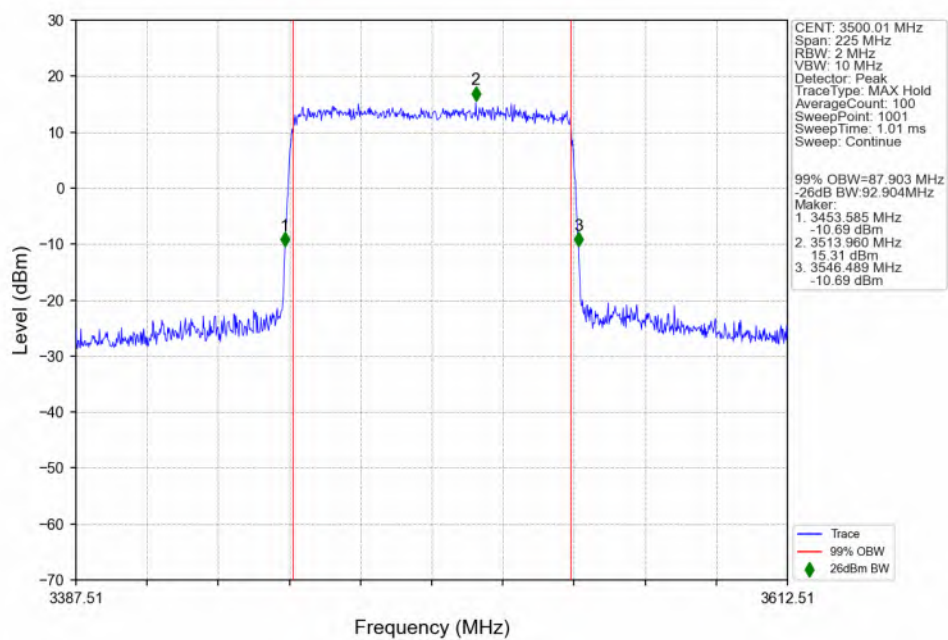
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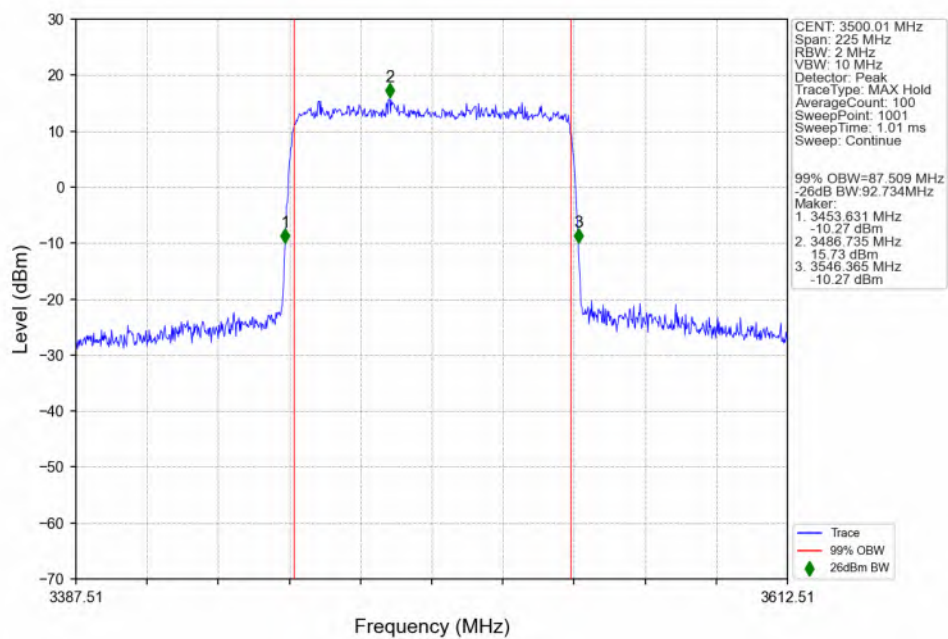
n77d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



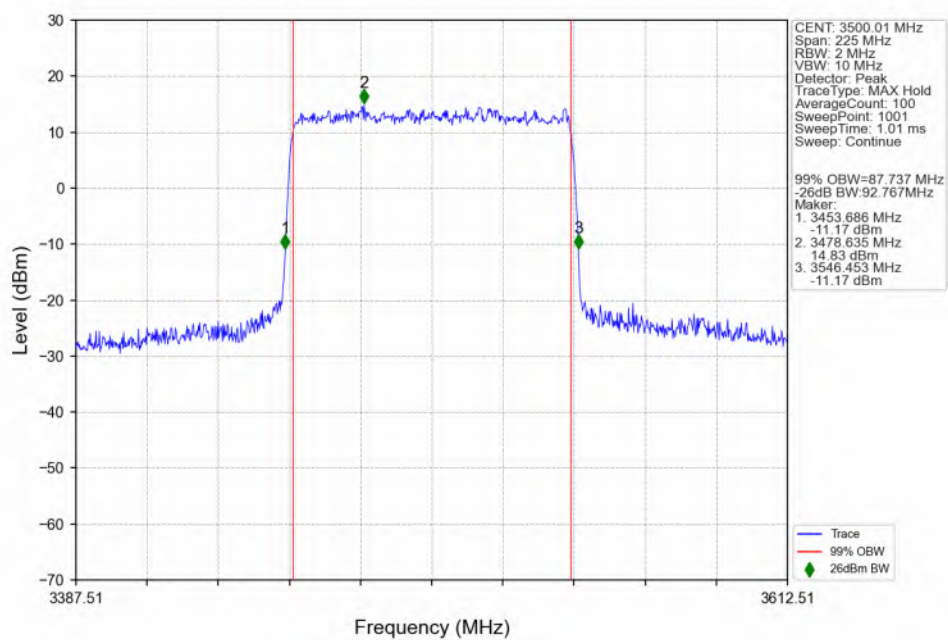
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



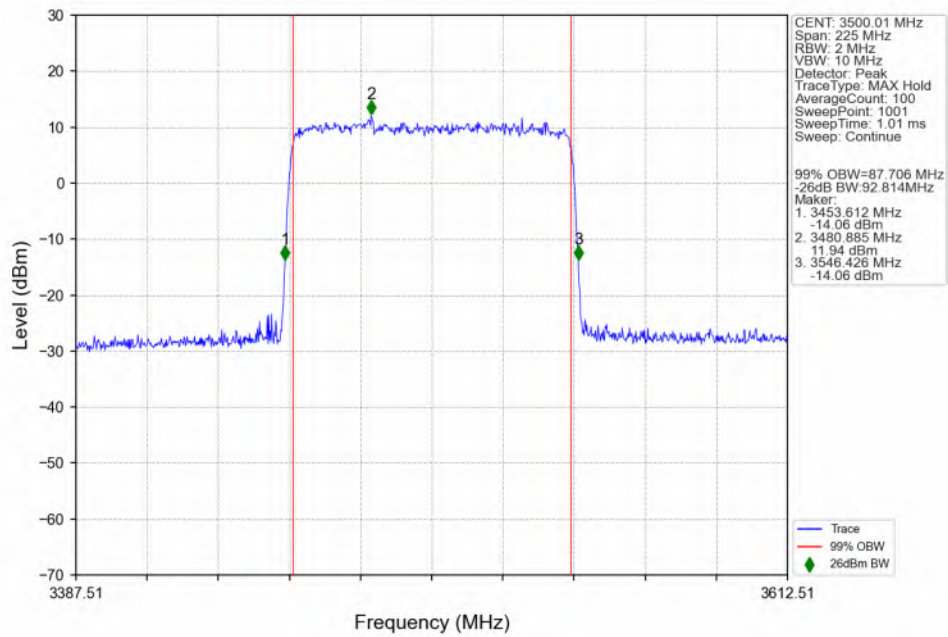
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



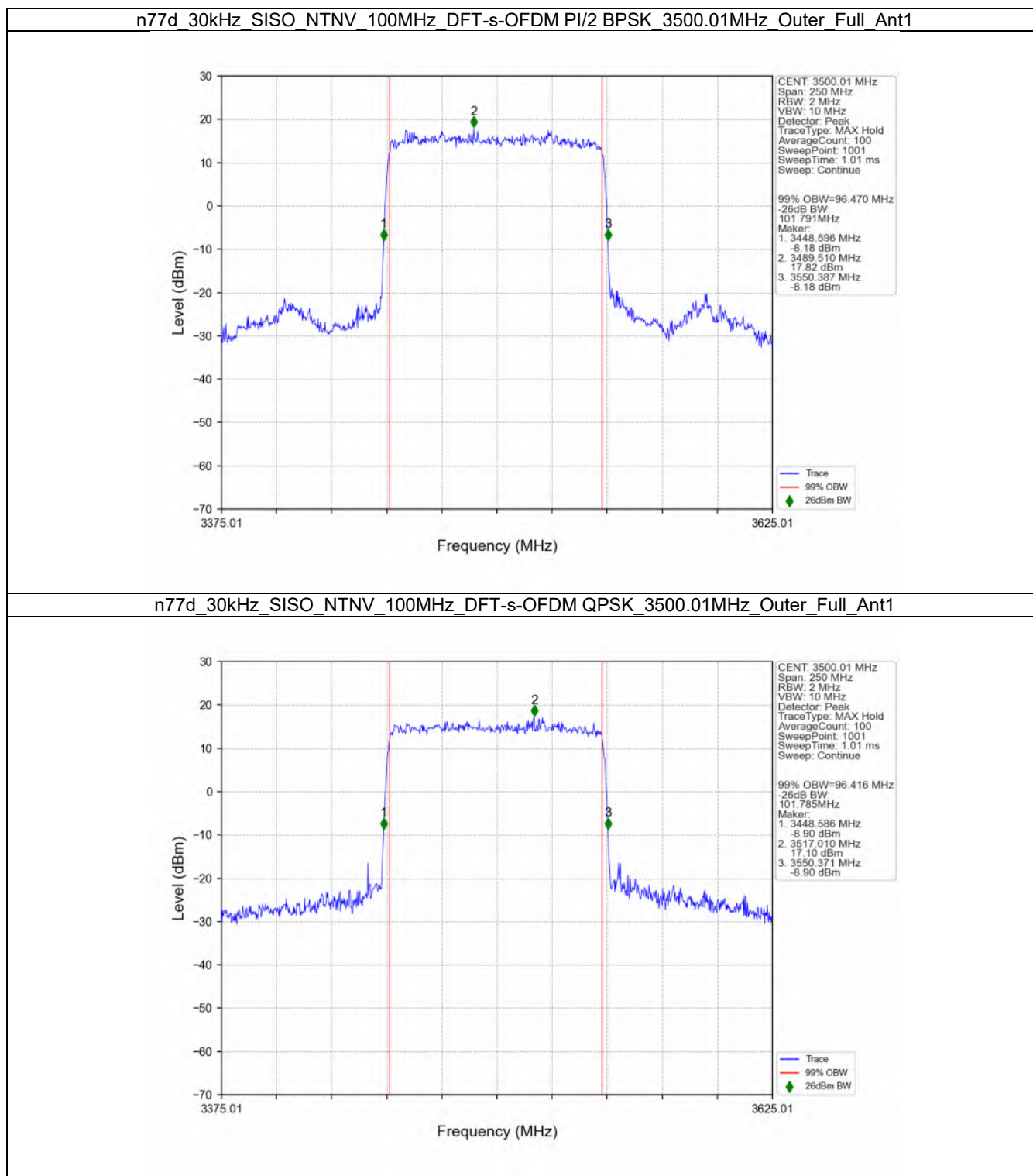
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1



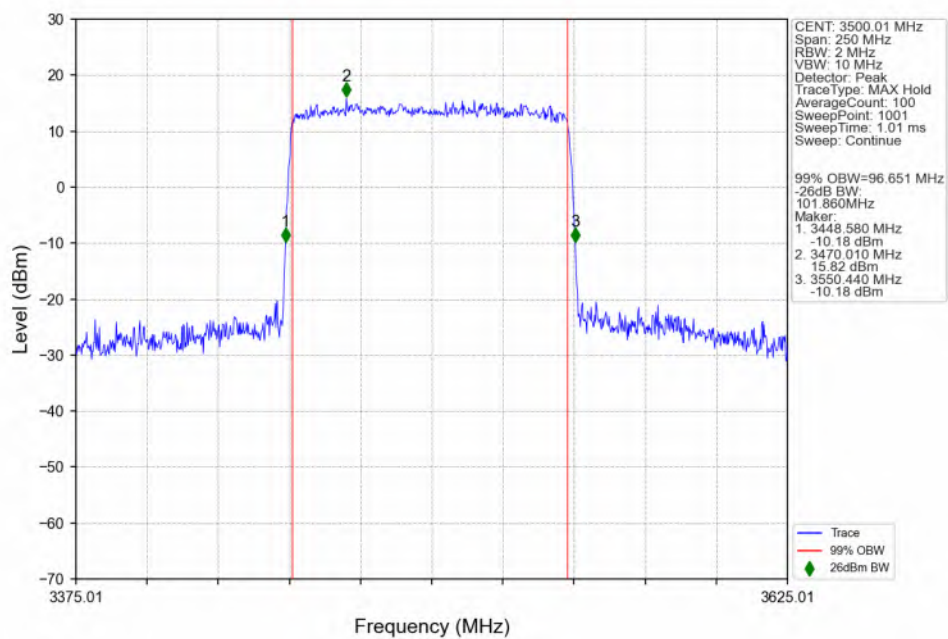
n77d_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



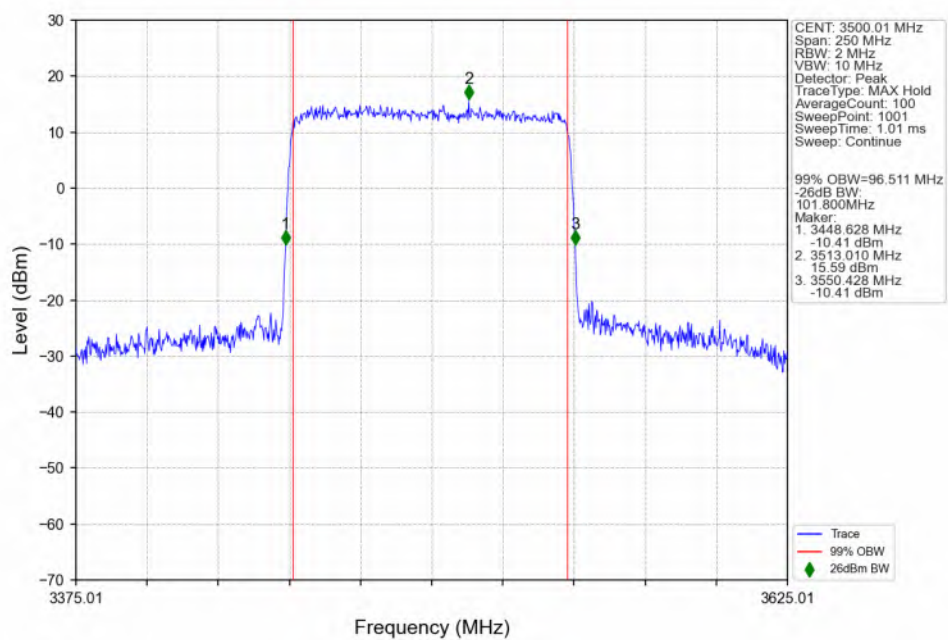
3.2.10 30_S_100M_NTNV



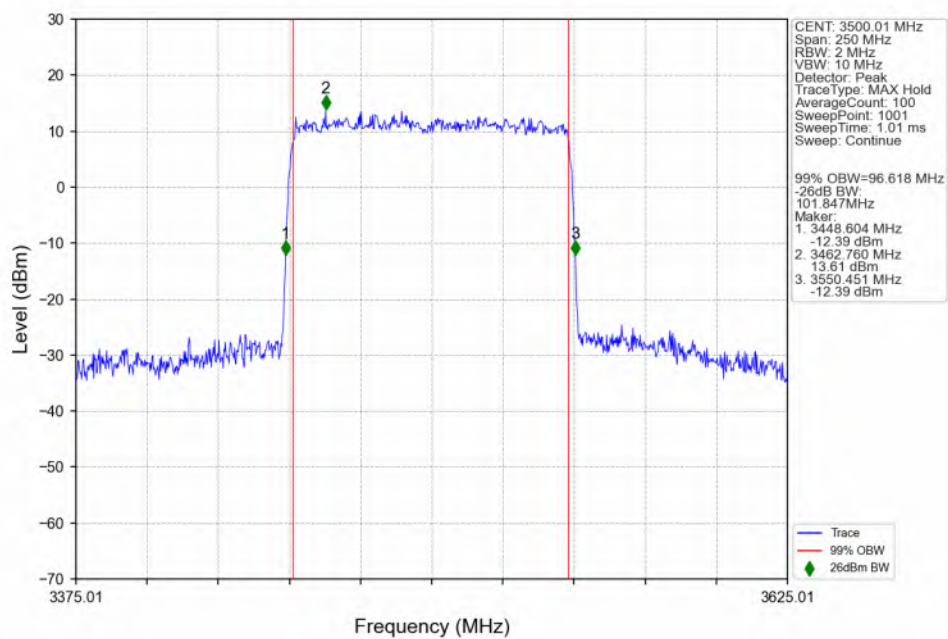
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



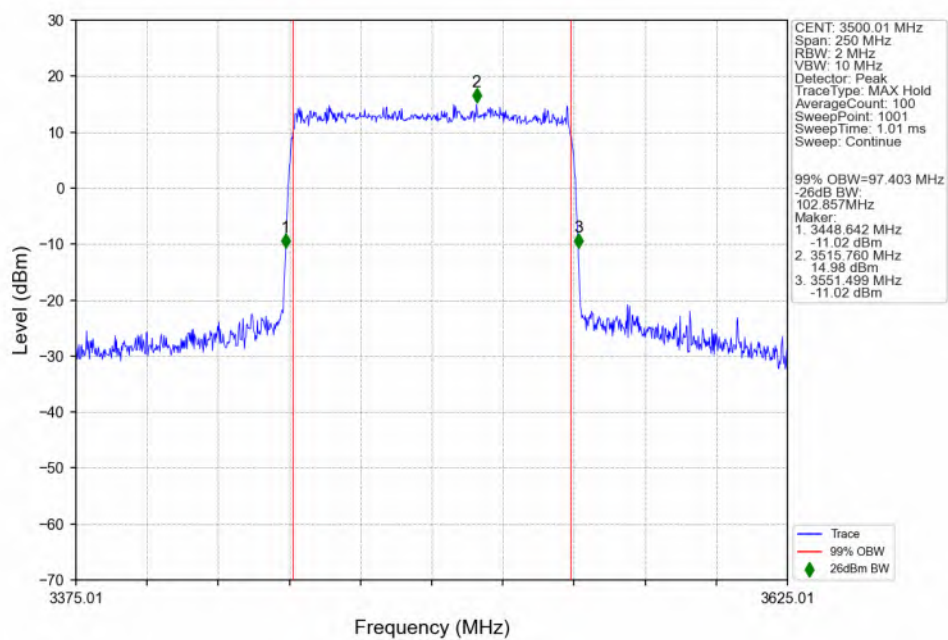
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1



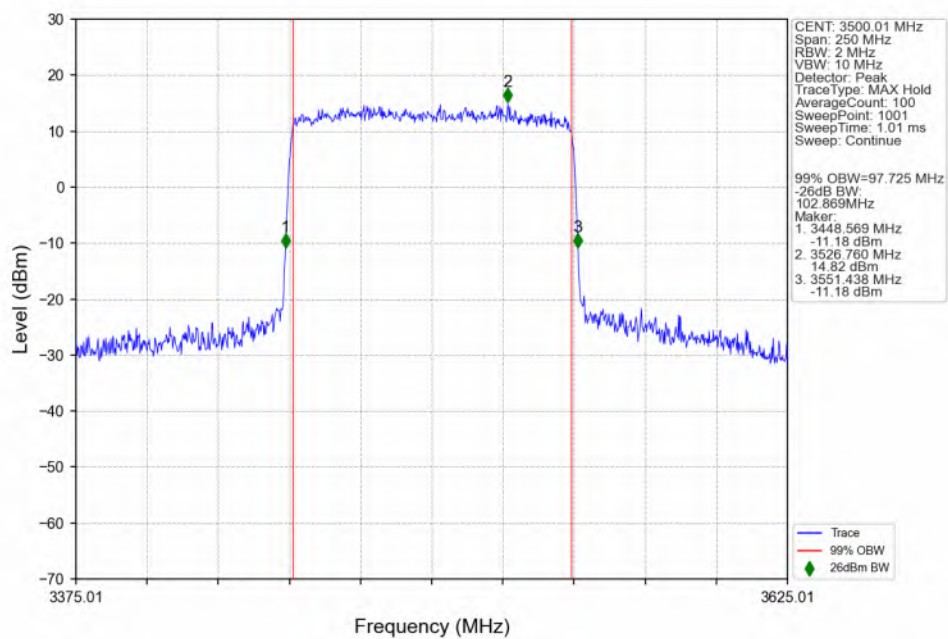
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3500.01MHz_Outer_Full_Ant1



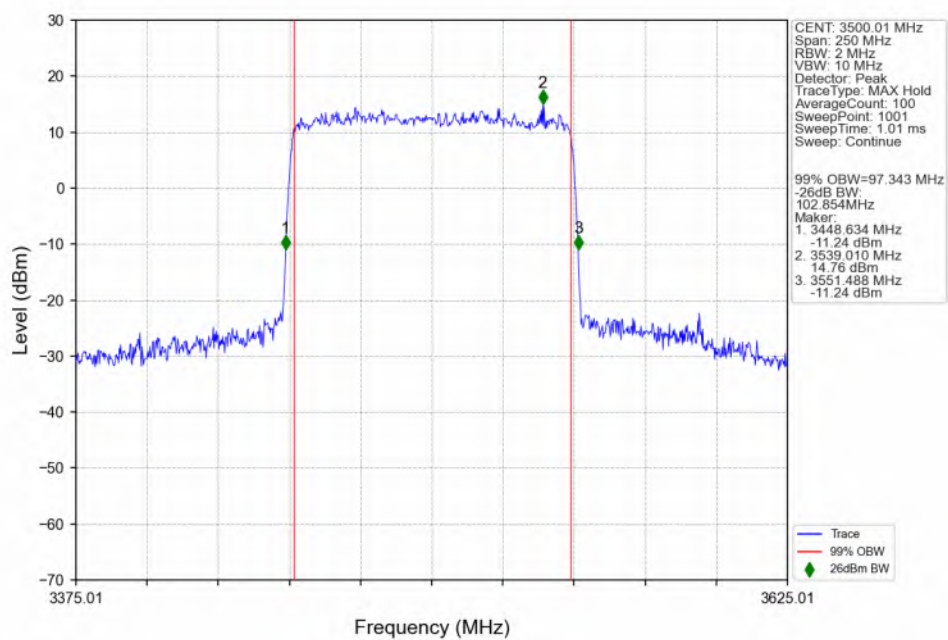
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full_Ant1

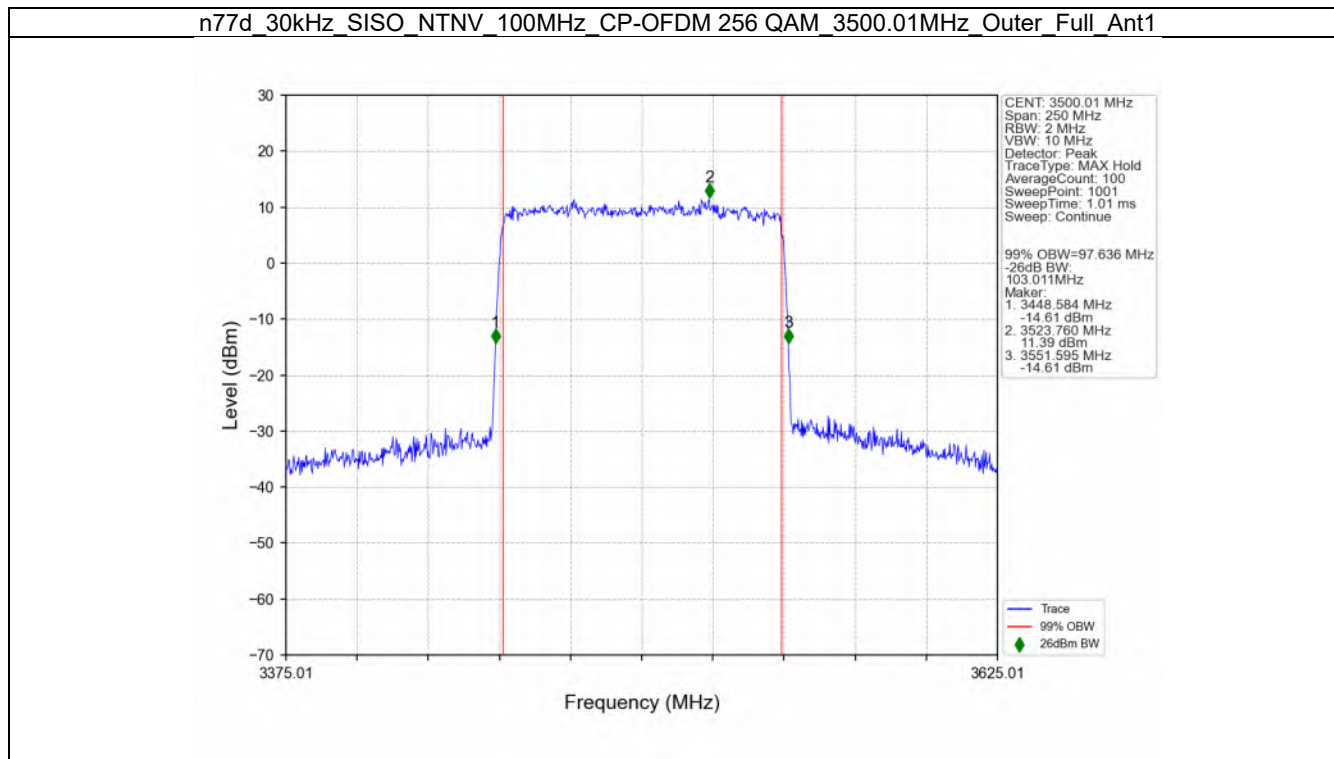


n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant1





4. Peak-Average Ratio

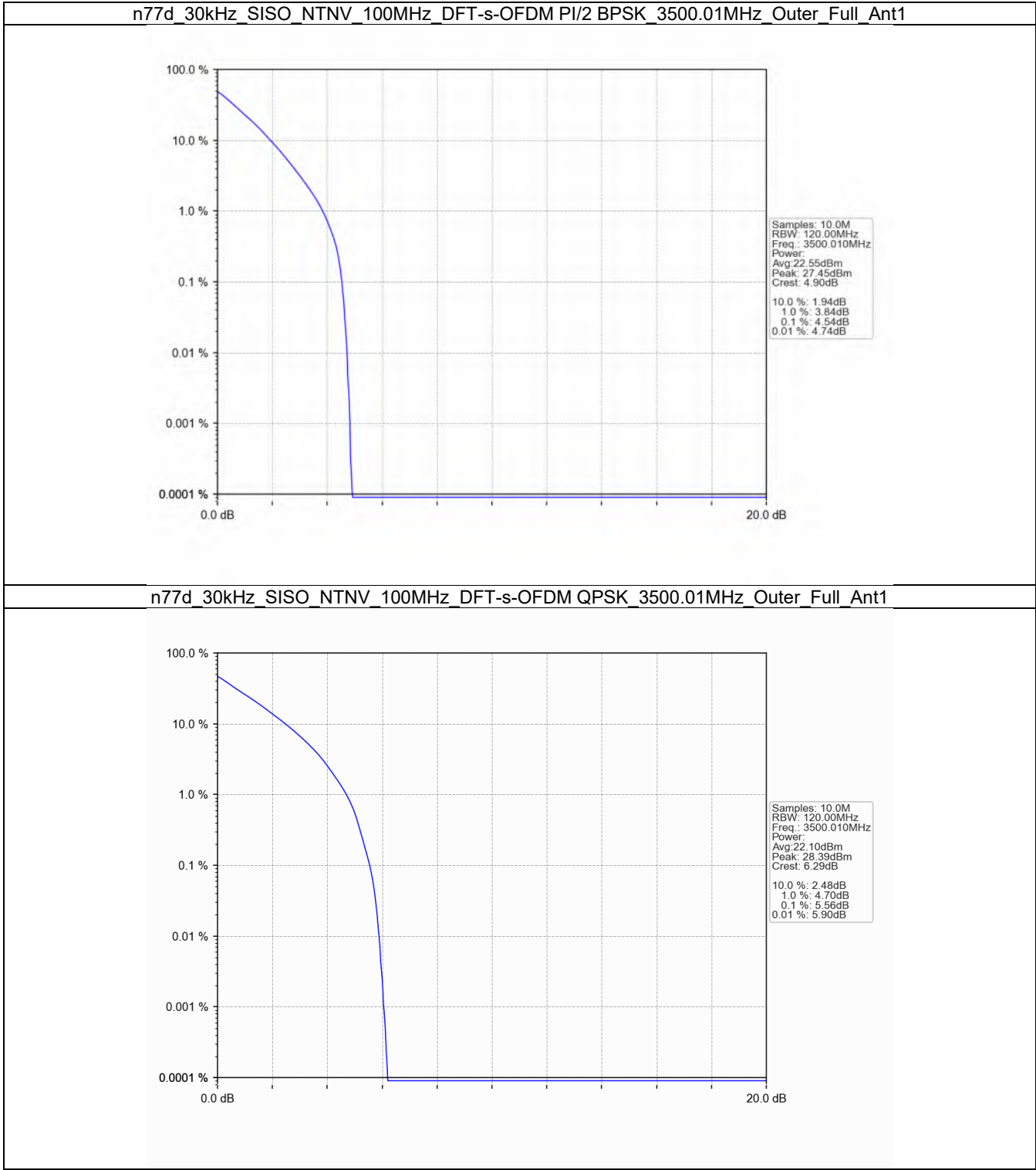
4.1 Test Result

4.1.1 30_S_100M_NTNV

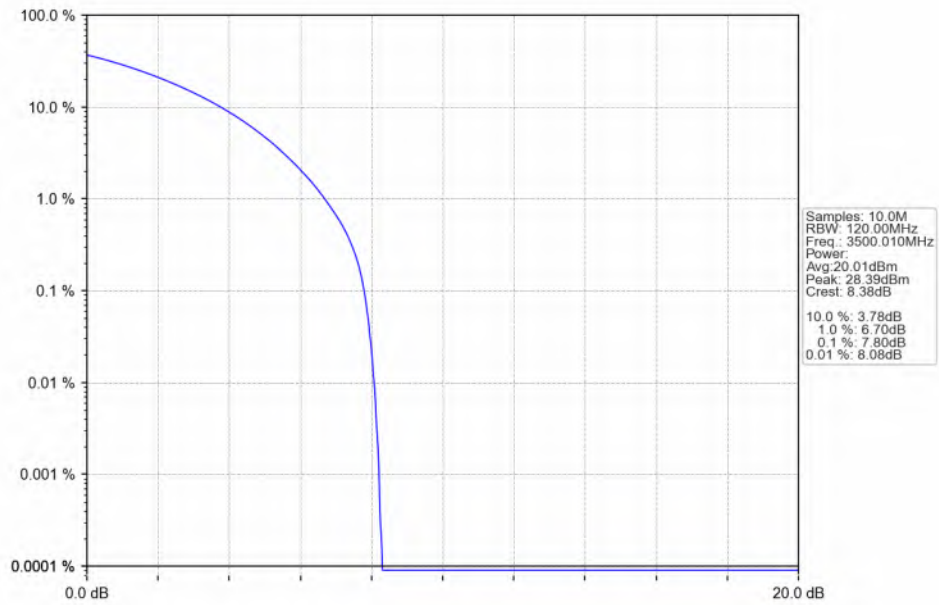
5G NR n77d SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	4.54	/	/	<=13	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	5.56	/	/	<=13	Pass
CP-OFDM QPSK	3500.01	Outer_Full	7.80	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30_S_100M_NTNV



n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full_Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 30_S_10M_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
		Edge_1RB_Right	Refer To Test Graph				Pass
	3544.98	Outer_Full	Refer To Test Graph				Pass
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
		Edge_1RB_Right	Refer To Test Graph				Pass
	3544.98	Outer_Full	Refer To Test Graph				Pass
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
		Edge_1RB_Right	Refer To Test Graph				Pass
	3544.98	Outer_Full	Refer To Test Graph				Pass

5.1.2 30_S_60M_NTNV

5G NR n77d SCS=30kHz SISO 60MHz NTNv							
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			
DFT-s-OFDM QPSK	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			
CP-OFDM QPSK	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			

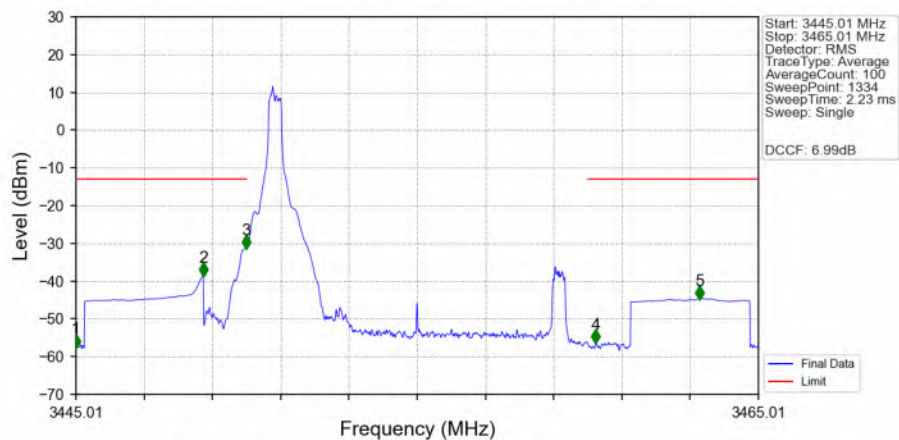
5.1.3 30_S_100M_NTNV

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

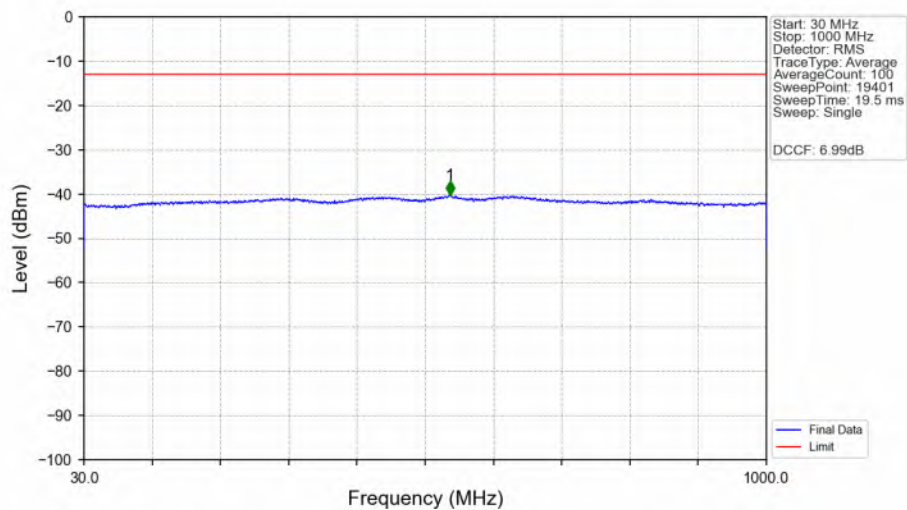
5.2.1 30_S_10M_NTNV

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3455.01MHz_Edge_1RB_Left_Ant1



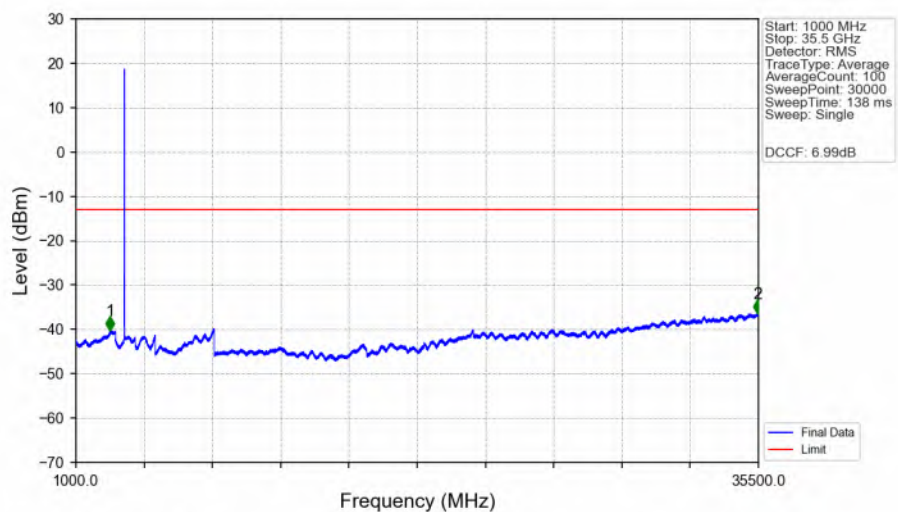
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-57.42	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-38.56	-13	Pass
3449.01	3450.01	0.03	/	3	3449.991	-31.24	-13	Pass
3450.01	3460.01	0.03	/	/	/	/	/	/
3460.01	3461.01	0.03	/	4	3460.239	-56.27	-13	Pass
3461.01	3465.01	0.5	CHP	5	3463.285	-44.62	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3455.01MHz_Edge_1RB_Left_Ant1



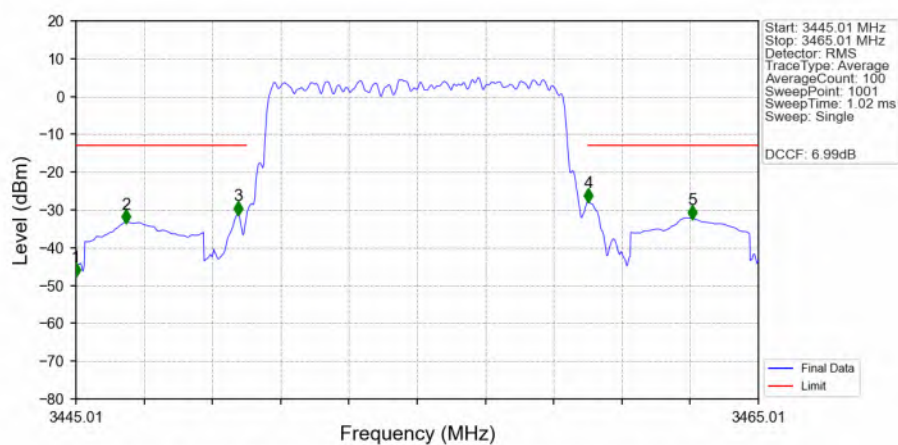
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.150	-40.12	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3455.01MHz_Edge_1RB_Left_Ant1



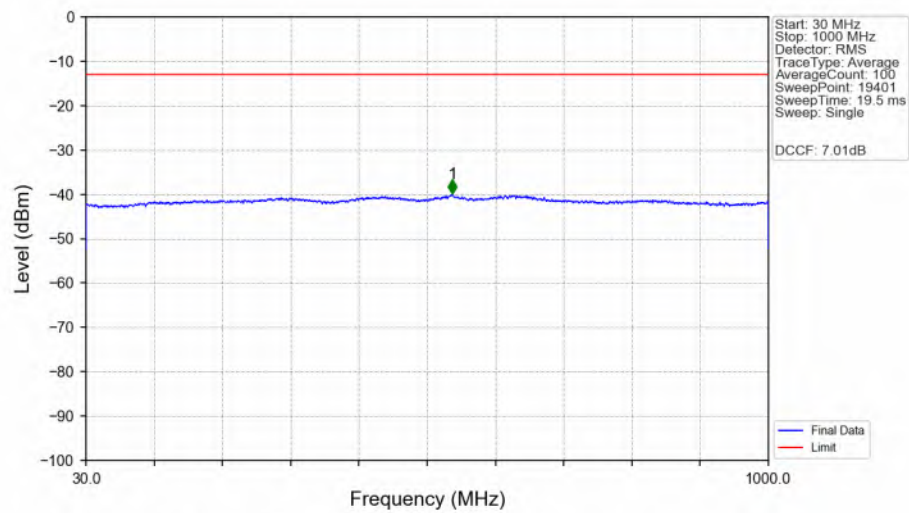
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	2727.358	-40.17	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35458.599	-36.42	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3455.01MHz_Outer_Full_Ant1



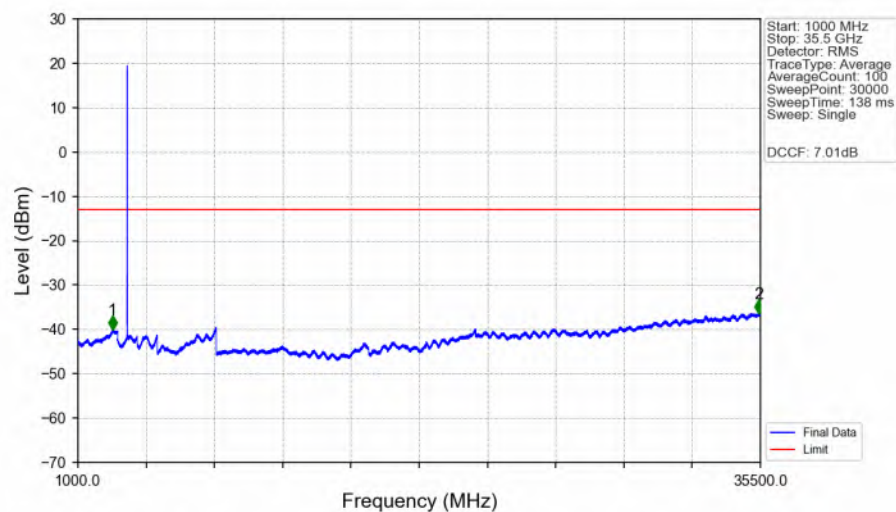
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-47.34	-13	Pass
3445.01	3449.01	0.5	CHP	2	3446.470	-33.25	-13	Pass
3449.01	3450.01	0.10141	CHP	3	3449.750	-31.09	-13	Pass
3450.01	3460.01	0.10141	CHP	/	/	/	/	/
3460.01	3461.01	0.10141	CHP	4	3460.030	-27.63	-13	Pass
3461.01	3465.01	0.5	CHP	5	3463.070	-32.12	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left_Ant1



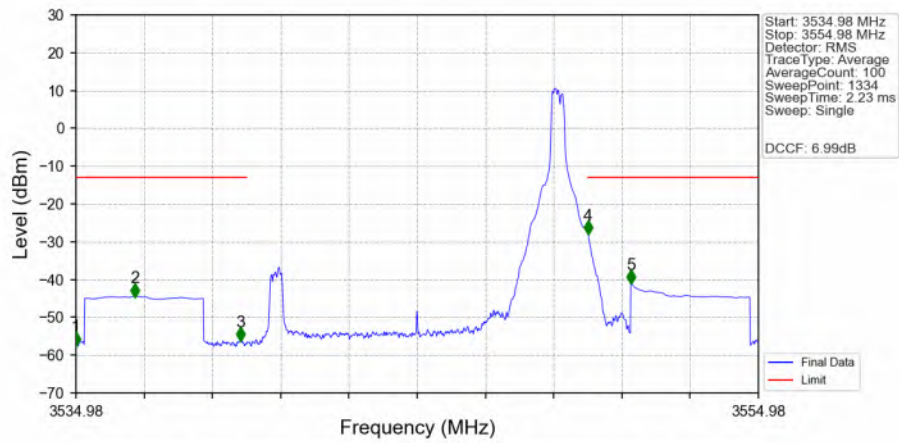
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.950	-39.85	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left_Ant1



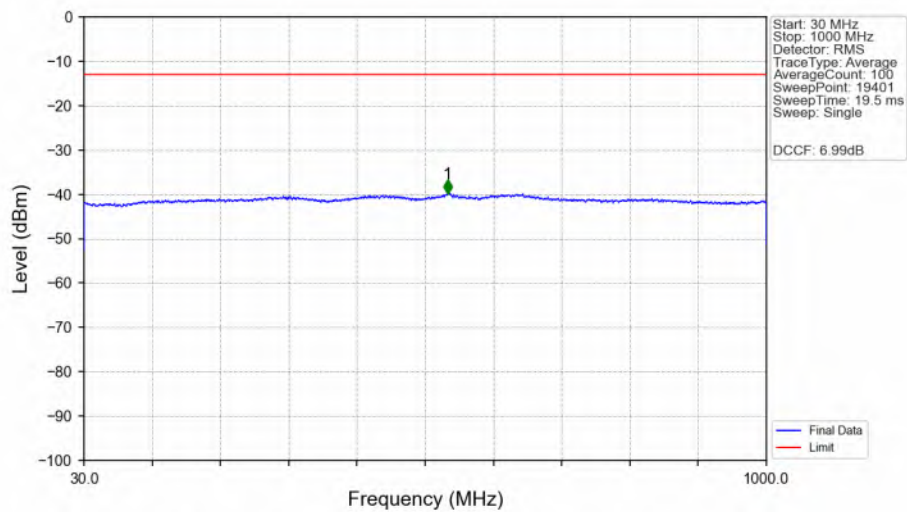
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3490.01	1	/	1	2745.758	-40.05	-13	Pass
3490.01	3510.01	1	/	/	/	/	/	/
3510.01	35500	1	/	2	35424.097	-36.36	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3544.98MHz_Edge_1RB_Right_Ant1



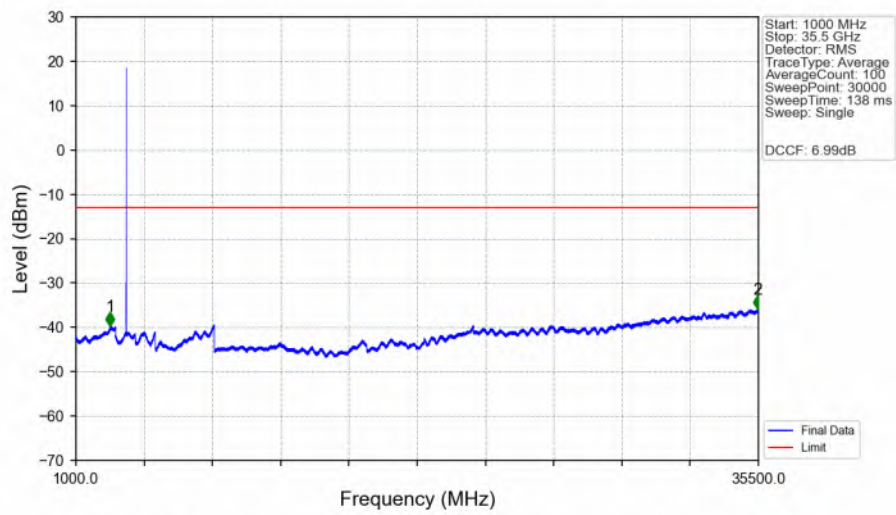
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-57.17	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.705	-44.39	-13	Pass
3538.98	3539.98	0.03	/	3	3539.811	-56.00	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-27.75	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-40.81	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3544.98MHz_Edge_1RB_Right_Ant1



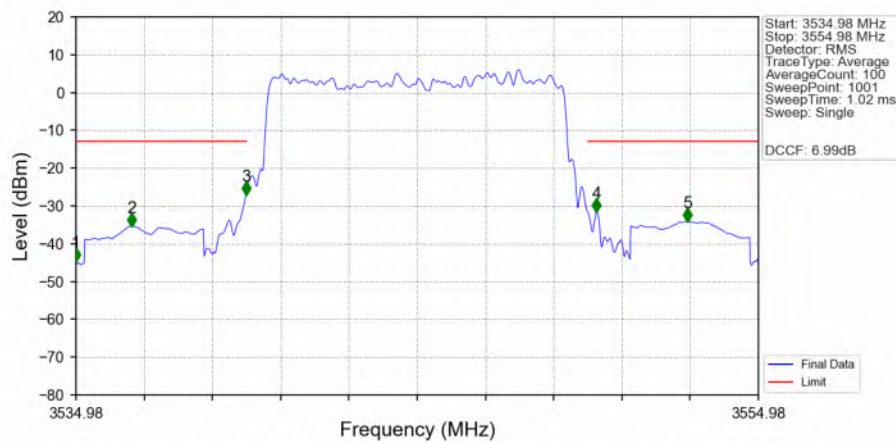
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	547.000	-39.81	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3544.98MHz_Edge_1RB_Right_Ant1



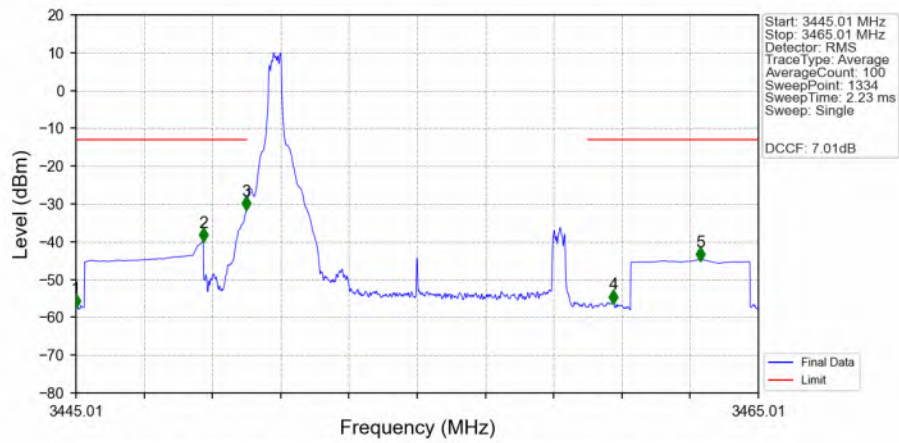
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	2729.658	-39.69	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35475.849	-35.94	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3544.98MHz_Outer_Full_Ant1



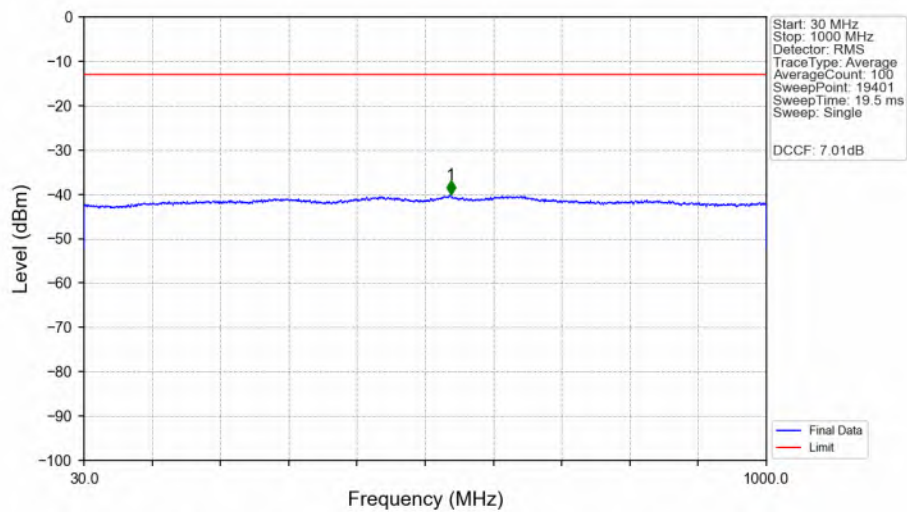
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-44.37	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.620	-35.29	-13	Pass
3538.98	3539.98	0.10141	CHP	3	3539.960	-26.92	-13	Pass
3539.98	3549.98	0.10141	CHP	/	/	/	/	/
3549.98	3550.98	0.10141	CHP	4	3550.240	-31.45	-13	Pass
3550.98	3554.98	0.5	CHP	5	3552.900	-33.96	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



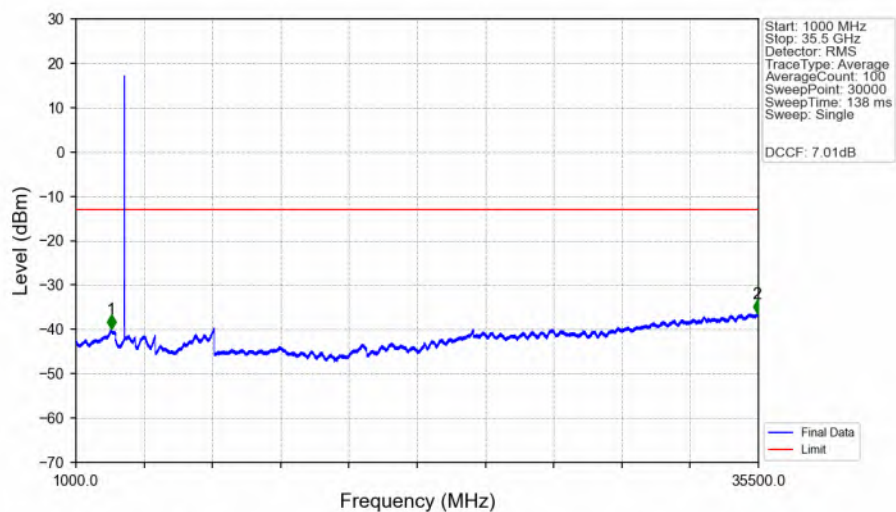
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-57.17	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-39.75	-13	Pass
3449.01	3450.01	0.03	/	3	3450.006	-31.40	-13	Pass
3450.01	3460.01	0.03	/	/	/	/	/	/
3460.01	3461.01	0.03	/	4	3460.764	-56.05	-13	Pass
3461.01	3465.01	0.5	CHP	5	3463.315	-44.79	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



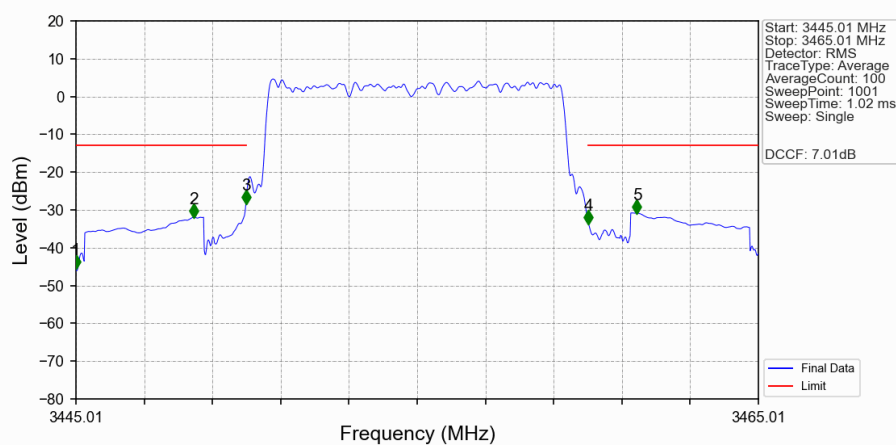
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.200	-39.99	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



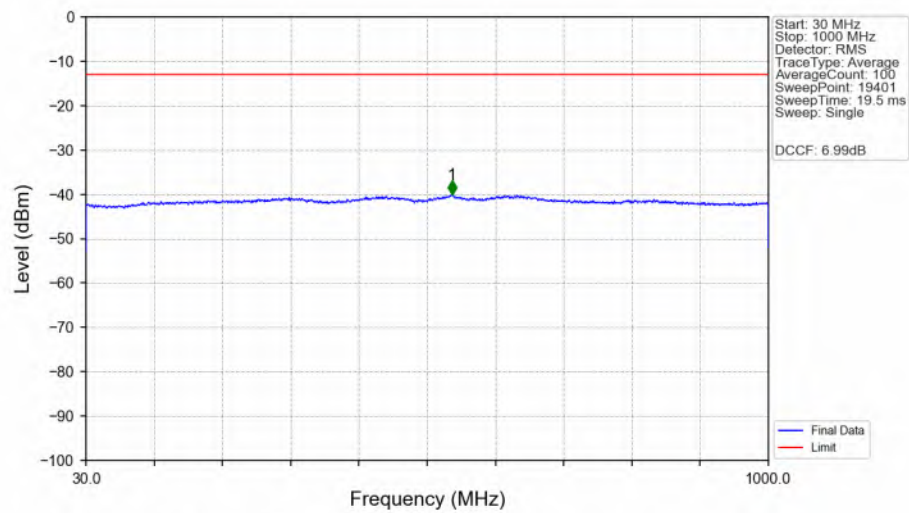
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	2774.509	-39.97	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35443.648	-36.50	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3455.01MHz_Outer_Full_Ant1



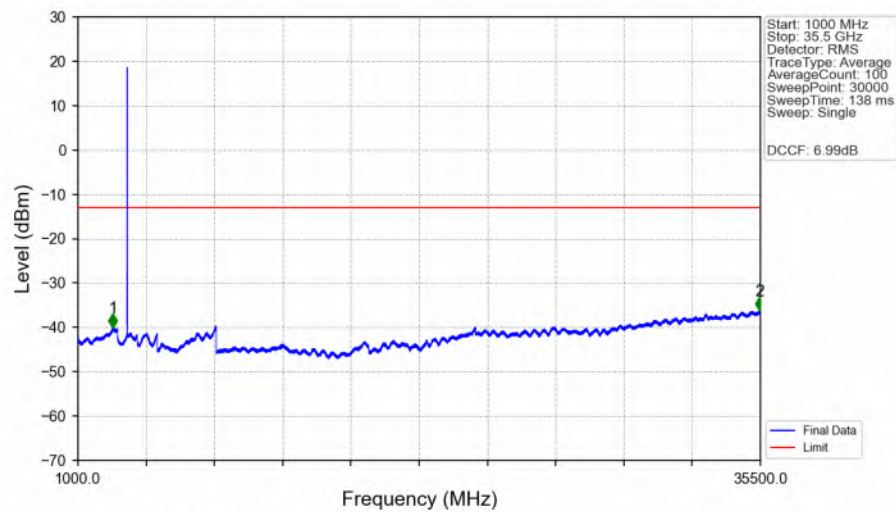
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-45.23	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.470	-31.85	-13	Pass
3449.01	3450.01	0.10141	CHP	3	3449.990	-28.20	-13	Pass
3450.01	3460.01	0.10141	CHP	/	/	/	/	/
3460.01	3461.01	0.10141	CHP	4	3460.030	-33.58	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.450	-30.76	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



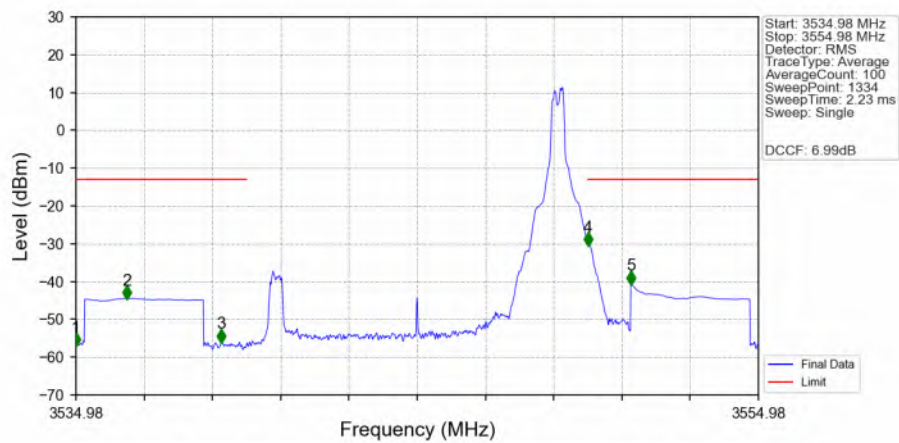
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.100	-40.02	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



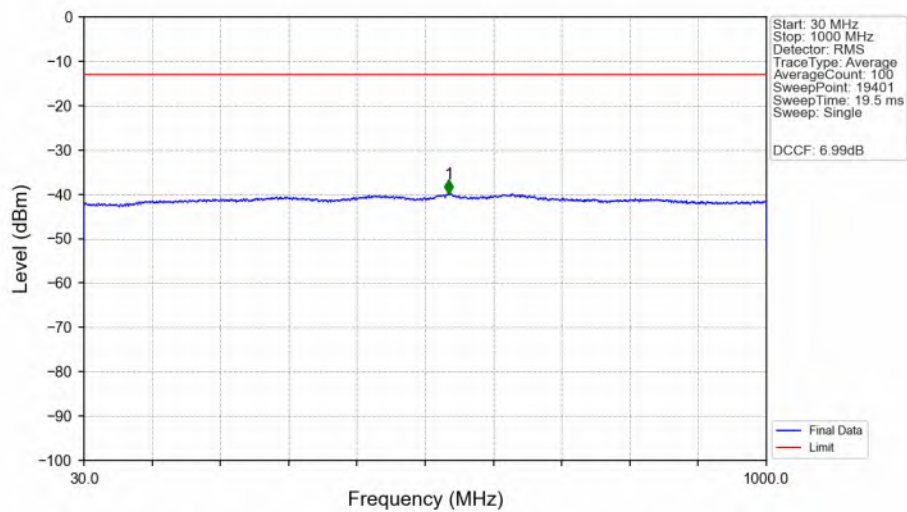
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3490.01	1	/	1	2765.309	-40.12	-13	Pass
3490.01	3510.01	1	/	/	/	/	/	/
3510.01	35500	1	/	2	35460.899	-36.26	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Edge_1RB_Right_Ant1



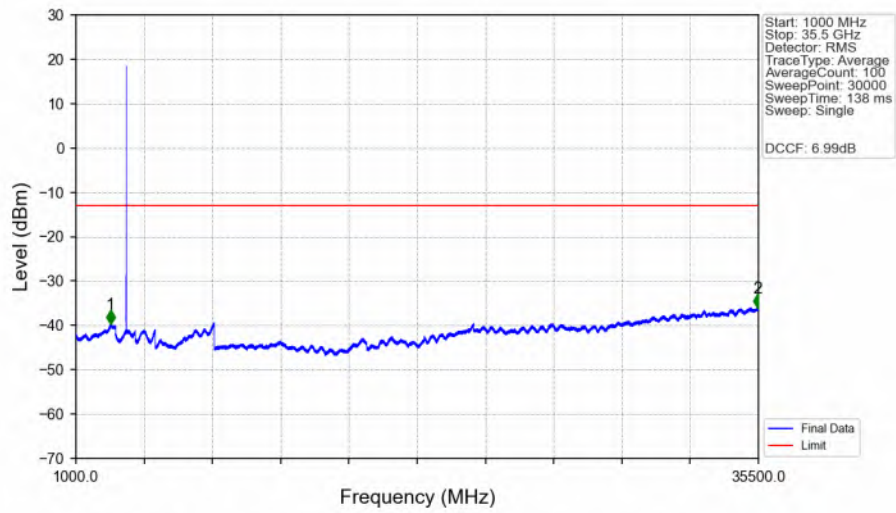
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-56.93	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.480	-44.42	-13	Pass
3538.98	3539.98	0.03	/	3	3539.241	-55.91	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-30.34	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-40.53	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Edge_1RB_Right_Ant1



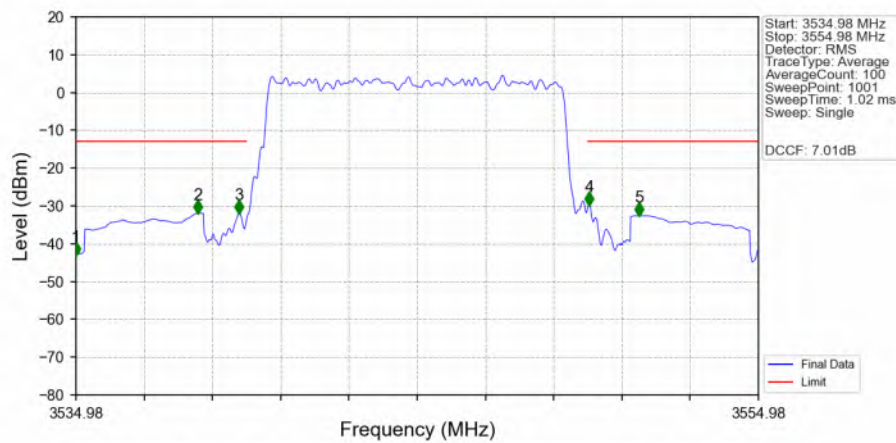
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	548.650	-39.75	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Edge_1RB_Right_Ant1



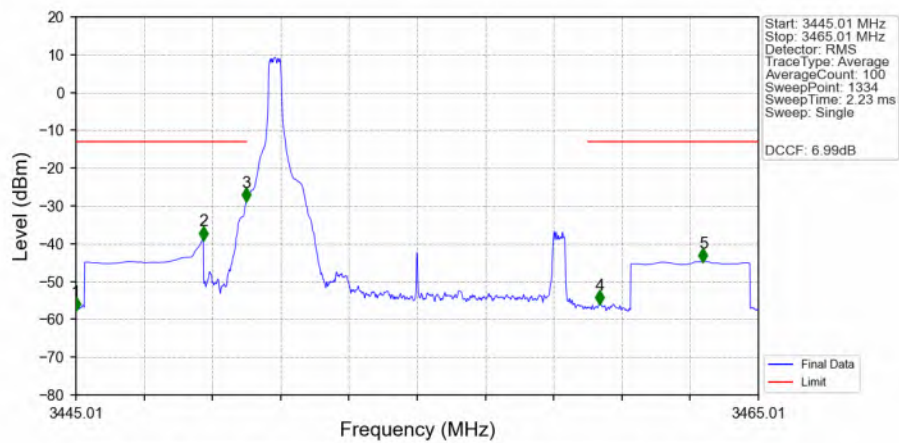
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	2751.508	-39.74	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35457.449	-36.02	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3544.98MHz_Outer_Full_Ant1



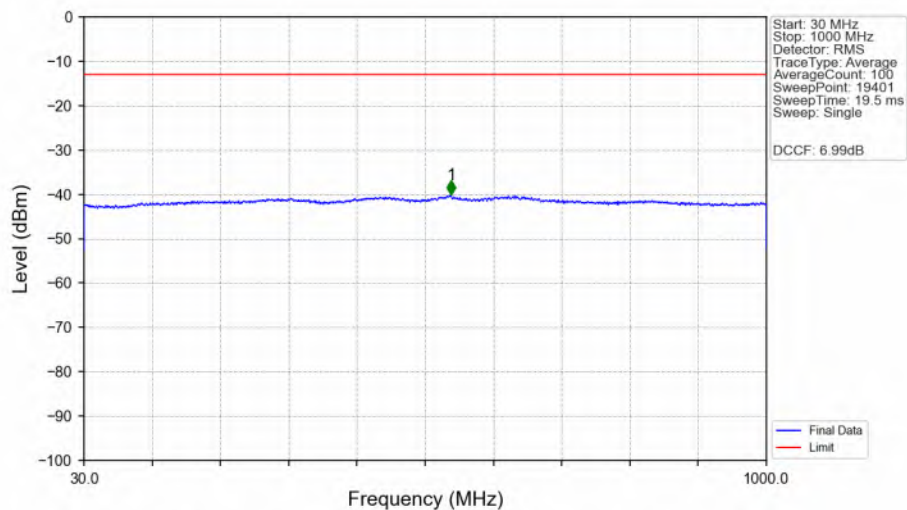
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-42.99	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.560	-31.84	-13	Pass
3538.98	3539.98	0.10141	CHP	3	3539.760	-31.84	-13	Pass
3539.98	3549.98	0.10141	CHP	/	/	/	/	/
3549.98	3550.98	0.10141	CHP	4	3550.020	-29.64	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.480	-32.54	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



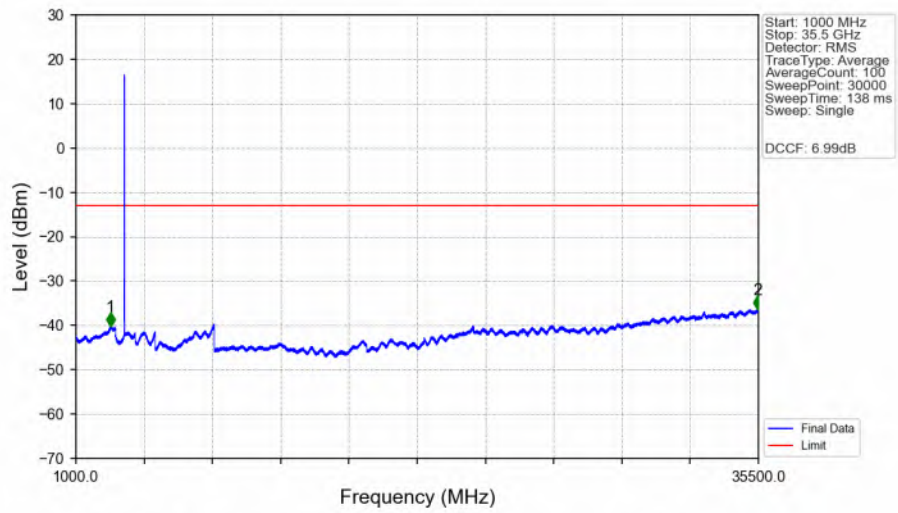
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-57.50	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.746	-38.80	-13	Pass
3449.01	3450.01	0.03	/	3	3450.006	-28.68	-13	Pass
3450.01	3460.01	0.03	/	/	/	/	/	/
3460.01	3461.01	0.03	/	4	3460.359	-55.75	-13	Pass
3461.01	3465.01	0.5	CHP	5	3463.390	-44.61	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



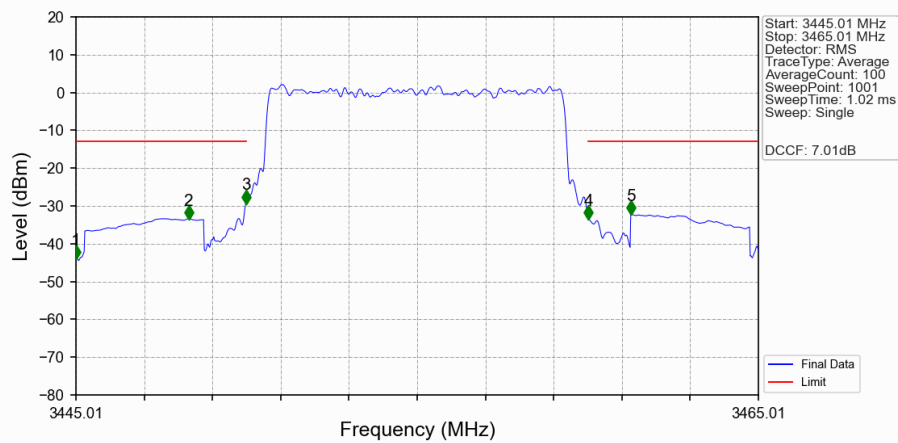
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.850	-40.08	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left_Ant1



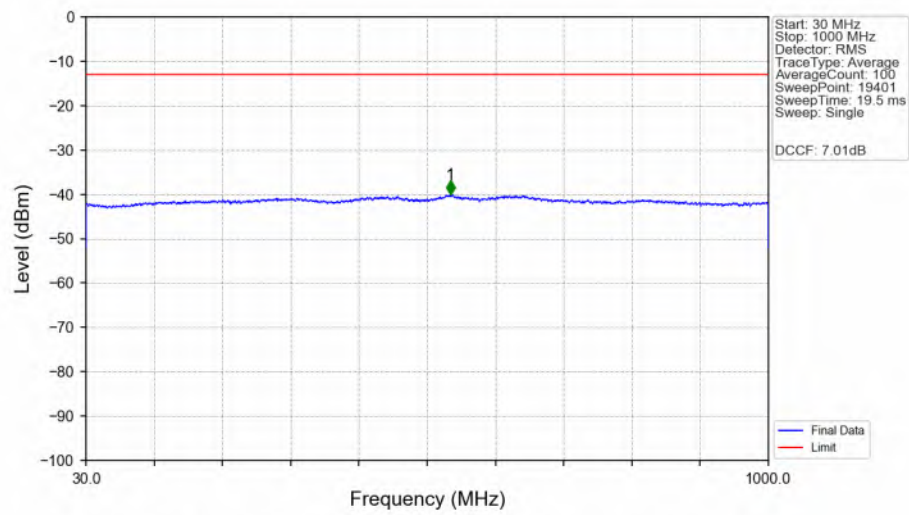
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	2751.508	-40.23	-13	Pass
3445.01	3465.01	1	/	/	/	/	/	/
3465.01	35500	1	/	2	35455.149	-36.42	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Outer_Full_Ant1



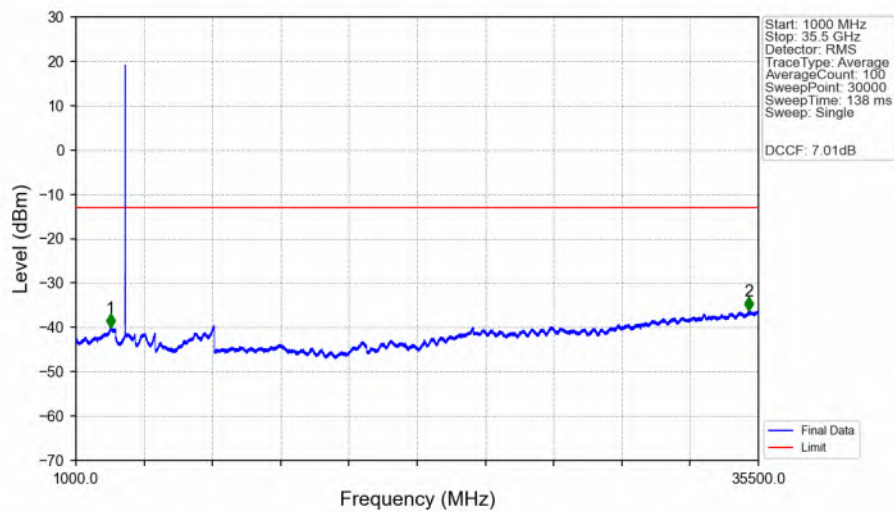
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-43.74	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.310	-33.31	-13	Pass
3449.01	3450.01	0.10141	CHP	3	3449.990	-29.18	-13	Pass
3450.01	3460.01	0.10141	CHP	/	/	/	/	/
3460.01	3461.01	0.10141	CHP	4	3460.030	-33.30	-13	Pass
3461.01	3465.01	0.5	CHP	5	3461.270	-32.04	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



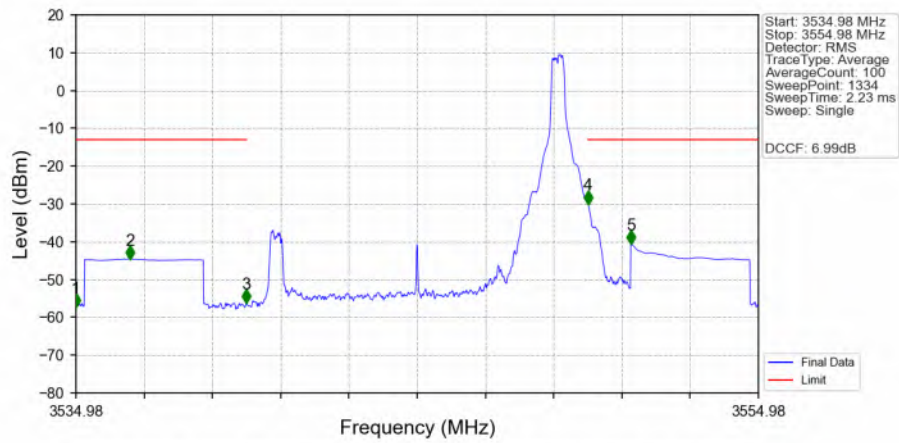
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	548.300	-40.09	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



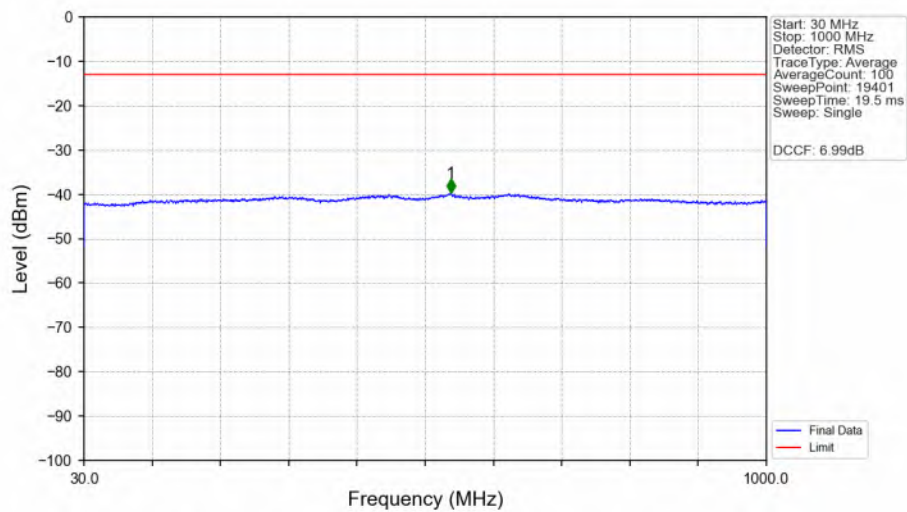
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3490.01	1	/	1	2736.558	-40.10	-13	Pass
3490.01	3510.01	1	/	/	/	/	/	/
3510.01	35500	1	/	2	35019.284	-36.24	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3544.98MHz_Edge_1RB_Right_Ant1



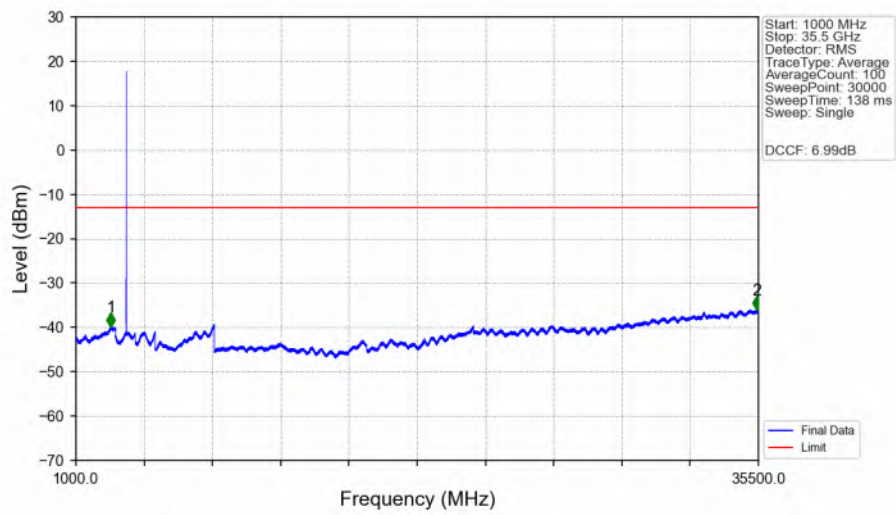
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-56.97	-13	Pass
3534.98	3538.98	0.5	CHP	2	3536.570	-44.46	-13	Pass
3538.98	3539.98	0.03	/	3	3539.976	-56.02	-13	Pass
3539.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	4	3549.984	-29.82	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.244	-40.41	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3544.98MHz_Edge_1RB_Right_Ant1



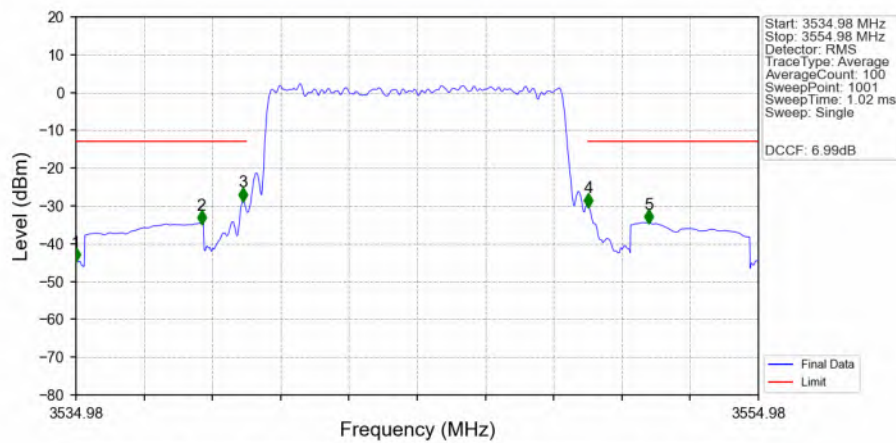
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.250	-39.66	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3544.98MHz_Edge_1RB_Right_Ant1



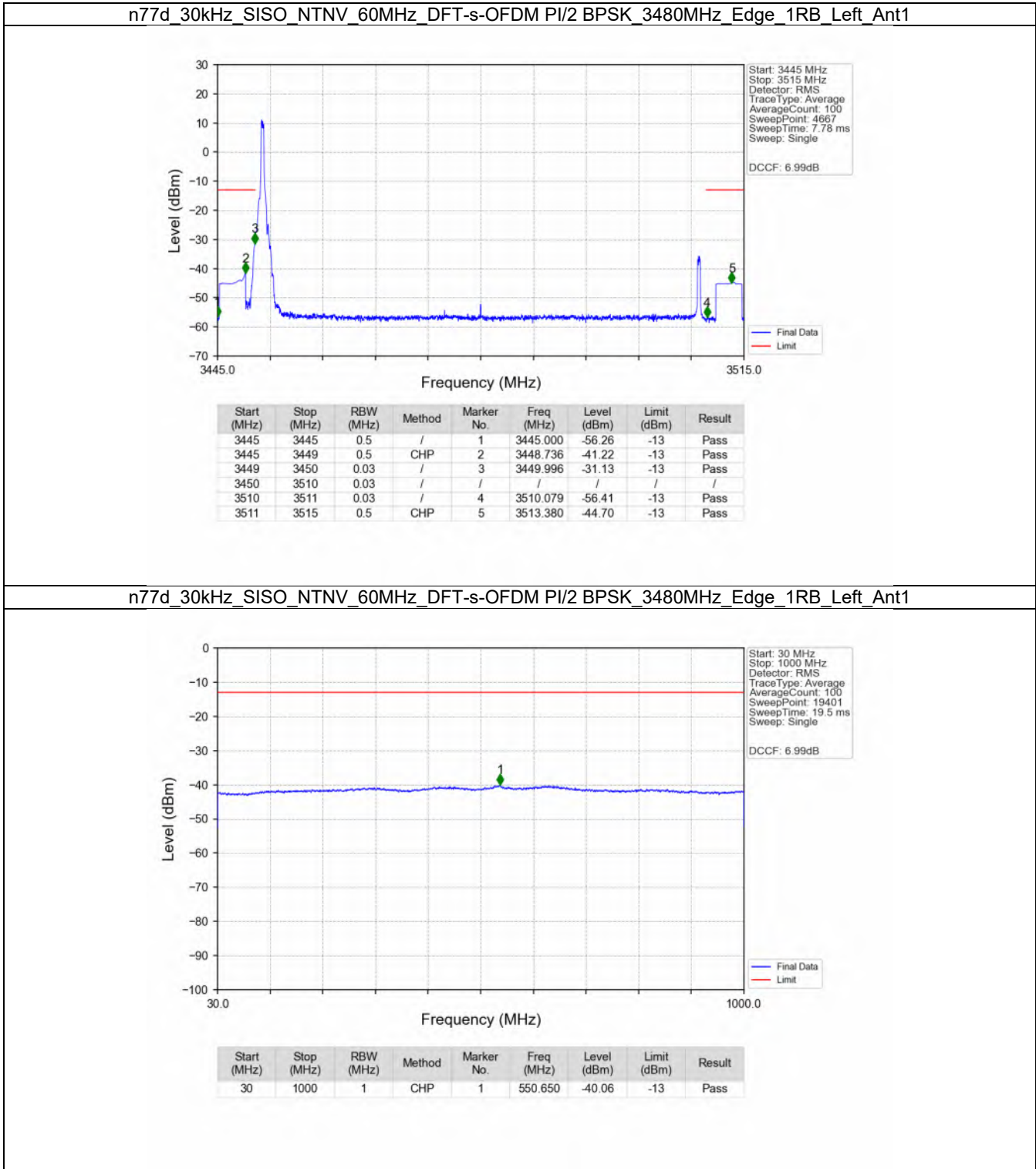
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3534.98	1	/	1	2760.709	-39.85	-13	Pass
3534.98	3554.98	1	/	/	/	/	/	/
3554.98	35500	1	/	2	35410.297	-36.02	-13	Pass

n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3544.98MHz_Outer_Full_Ant1

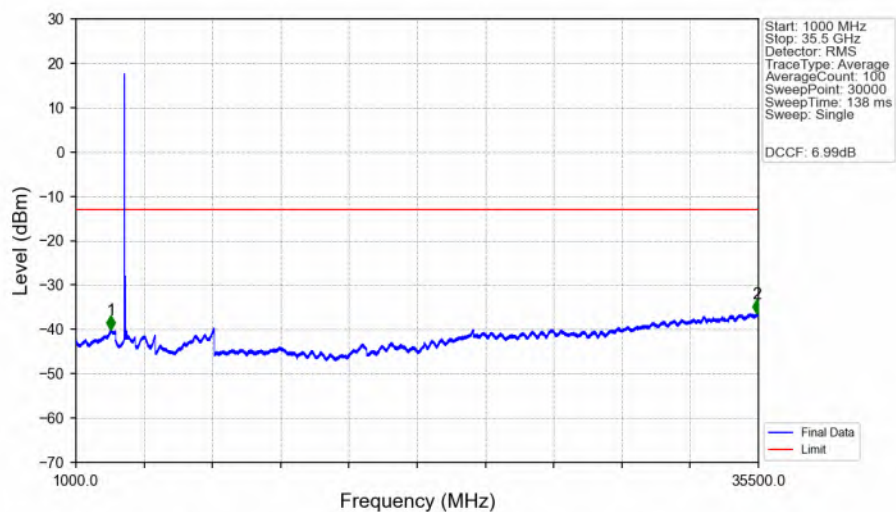


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.98	3534.98	0.5	/	1	3534.980	-44.50	-13	Pass
3534.98	3538.98	0.5	CHP	2	3538.660	-34.55	-13	Pass
3538.98	3539.98	0.10141	CHP	3	3539.880	-28.50	-13	Pass
3539.98	3549.98	0.10141	CHP	/	/	/	/	/
3549.98	3550.98	0.10141	CHP	4	3550.000	-29.98	-13	Pass
3550.98	3554.98	0.5	CHP	5	3551.760	-34.34	-13	Pass

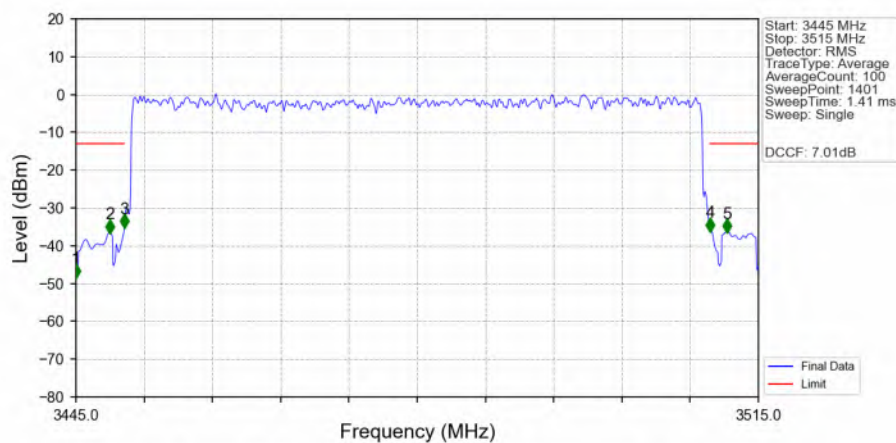
5.2.2 30_S_60M_NTNV



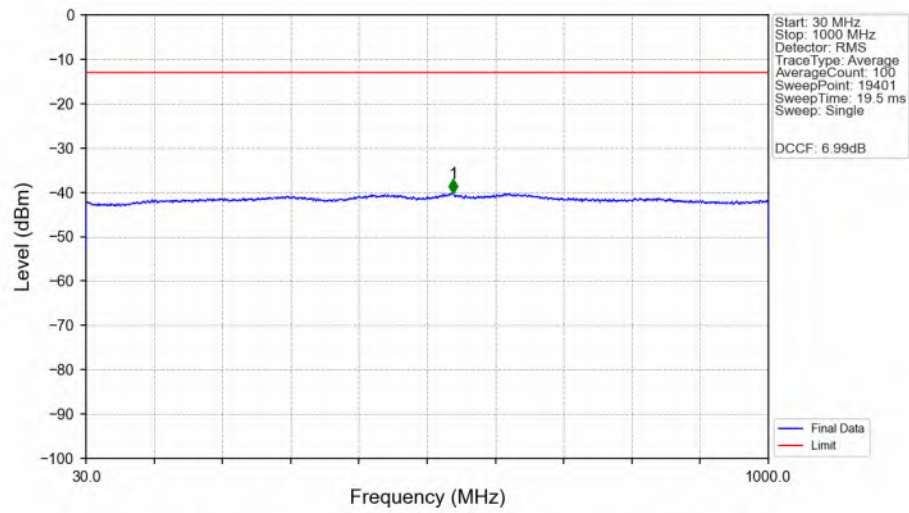
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3480MHz_Edge_1RB_Left_Ant1



n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3480MHz_Outer_Full_Ant1

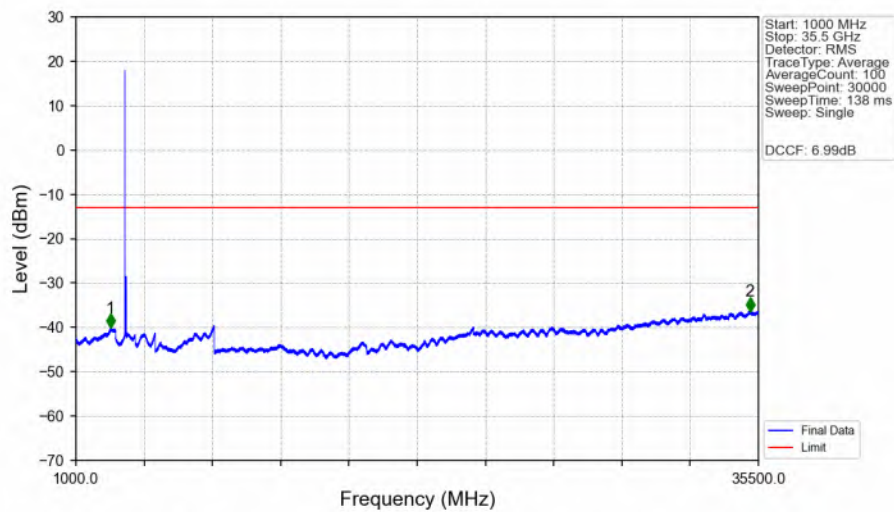


n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left_Ant1



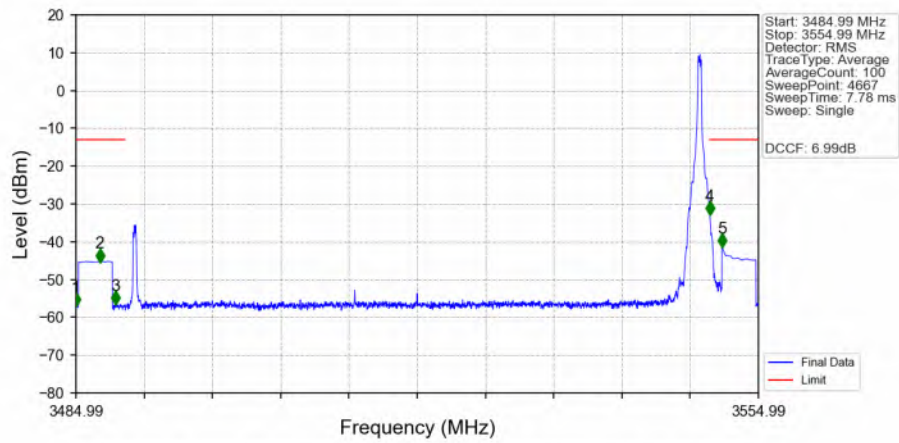
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.900	-40.14	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left_Ant1



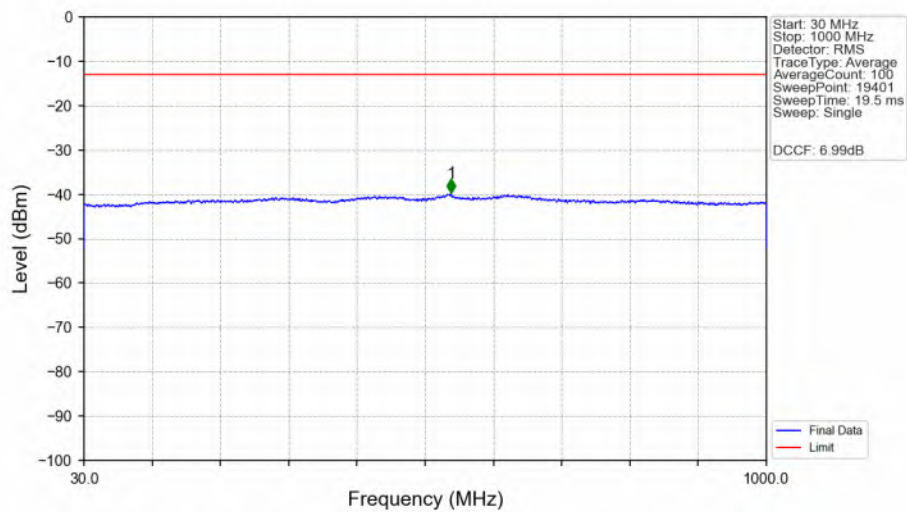
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3465.01	1	/	1	2737.708	-40.14	-13	Pass
3465.01	3535.01	1	/	/	/	/	/	/
3535.01	35500	1	/	2	35076.786	-36.34	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3519.99MHz_Edge_1RB_Right_Ant1



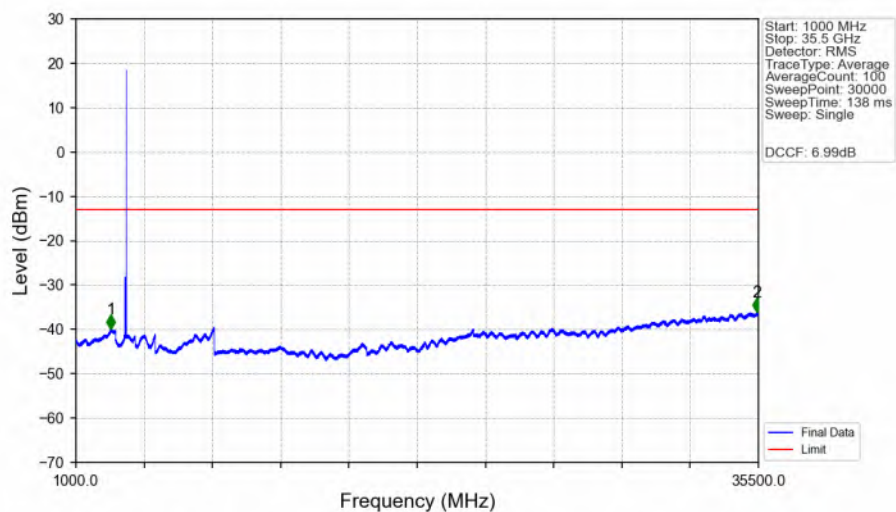
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-56.90	-13	Pass
3484.99	3488.99	0.5	CHP	2	3487.435	-45.15	-13	Pass
3488.99	3489.99	0.03	/	3	3489.026	-56.38	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3549.994	-32.73	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-41.17	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3519.99MHz_Edge_1RB_Right_Ant1



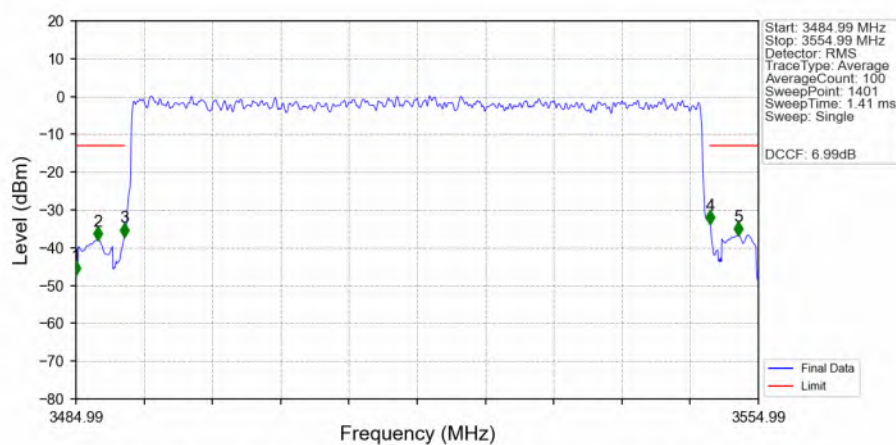
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.950	-39.73	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3519.99MHz_Edge_1RB_Right_Ant1



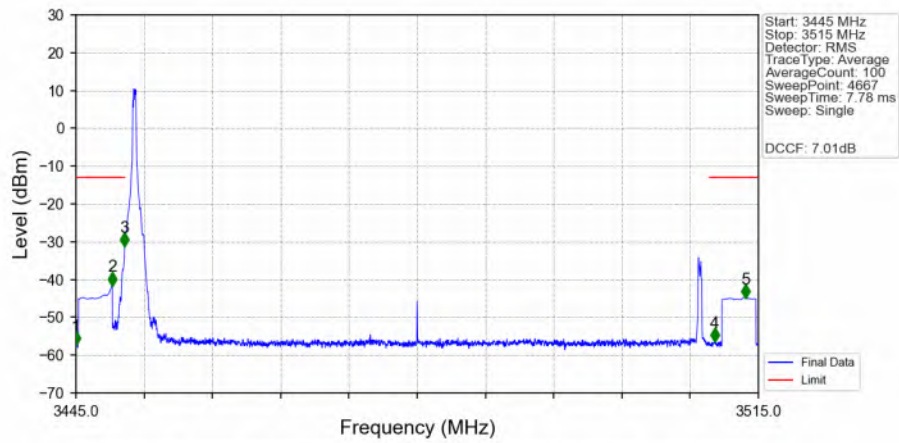
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3484.99	1	/	1	2772.209	-39.94	-13	Pass
3484.99	3554.99	1	/	/	/	/	/	/
3554.99	35500	1	/	2	35432.148	-36.10	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3519.99MHz_Outer_Full_Ant1



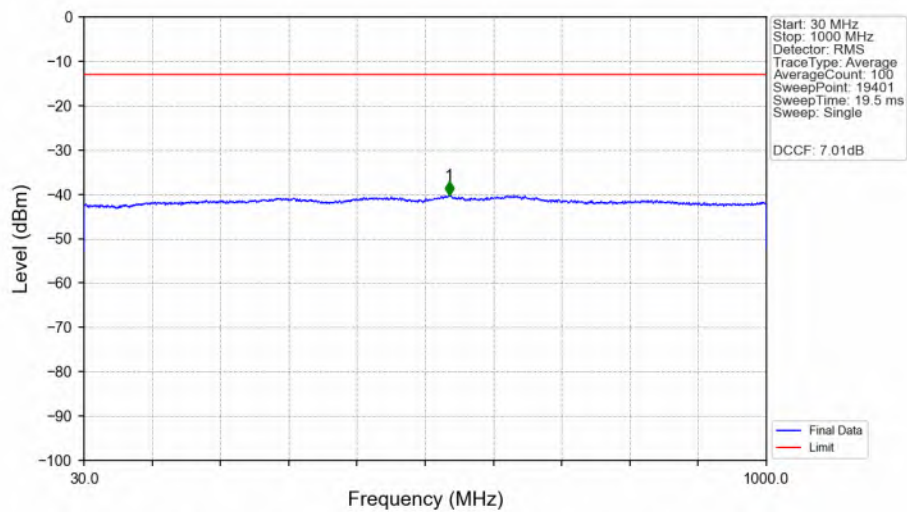
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-46.89	-13	Pass
3484.99	3488.99	0.5	CHP	2	3487.240	-37.75	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-36.83	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-33.48	-13	Pass
3550.99	3554.99	0.5	CHP	5	3552.940	-36.50	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



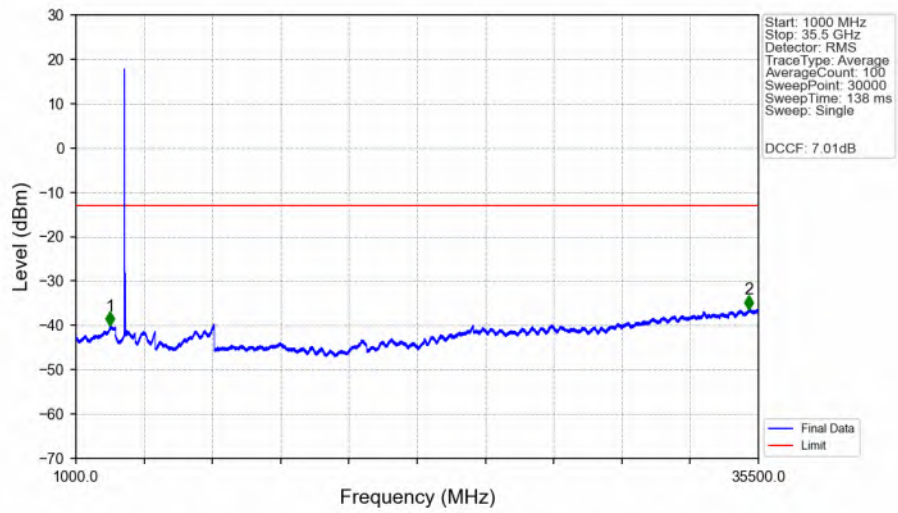
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-57.10	-13	Pass
3445	3449	0.5	CHP	2	3448.736	-41.39	-13	Pass
3449	3450	0.03	/	3	3449.996	-31.04	-13	Pass
3450	3510	0.03	/	/	/	/	/	/
3510	3511	0.03	/	4	3510.499	-56.19	-13	Pass
3511	3515	0.5	CHP	5	3513.680	-44.68	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



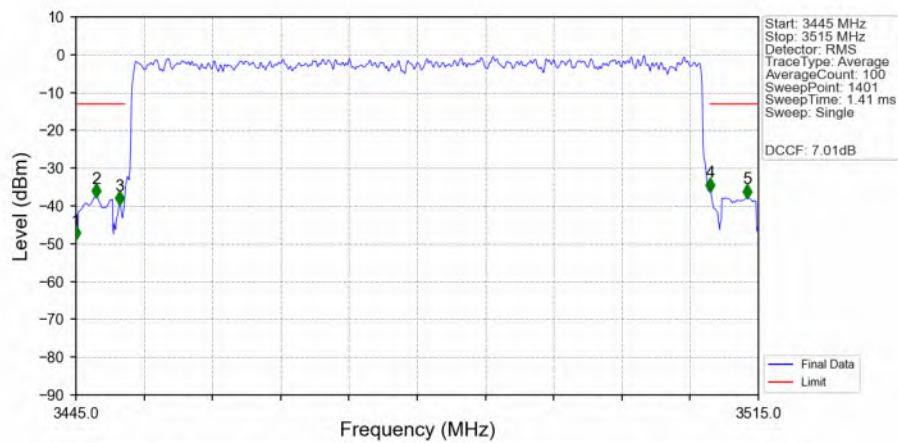
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	549.050	-40.19	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



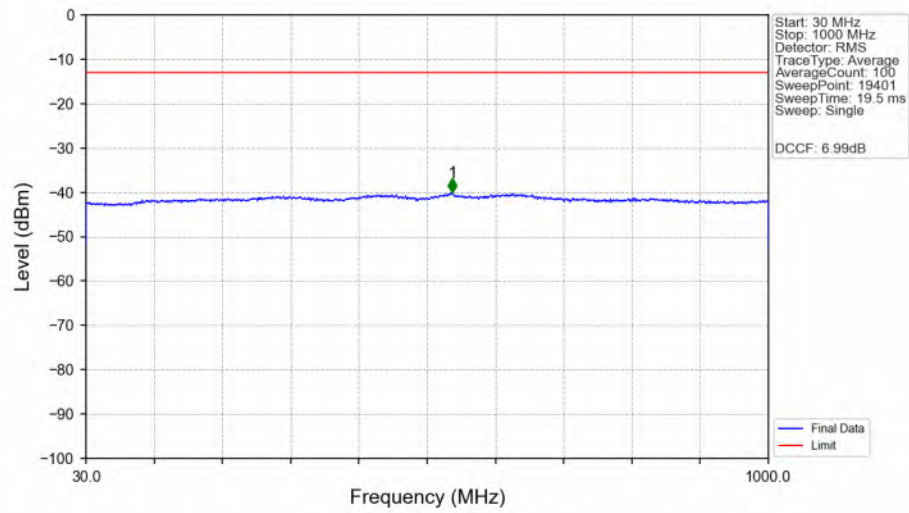
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445	1	/	1	2731.958	-40.16	-13	Pass
3445	3515	1	/	/	/	/	/	/
3515	35500	1	/	2	35020.434	-36.34	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Outer_Full_Ant1



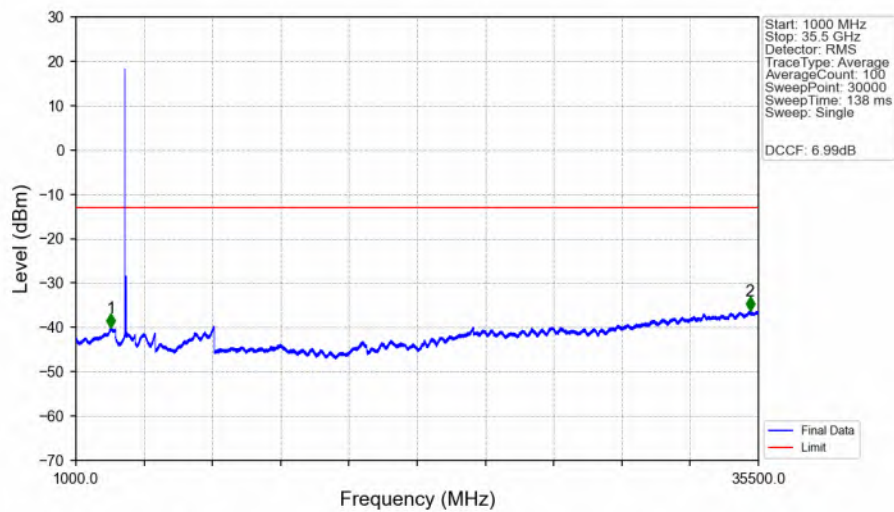
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-48.60	-13	Pass
3445	3449	0.5	CHP	2	3447.050	-37.53	-13	Pass
3449	3450	0.2	CHP	3	3449.500	-39.42	-13	Pass
3450	3510	0.2	CHP	/	/	/	/	/
3510	3511	0.2	CHP	4	3510.050	-35.97	-13	Pass
3511	3515	0.5	CHP	5	3513.850	-37.65	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



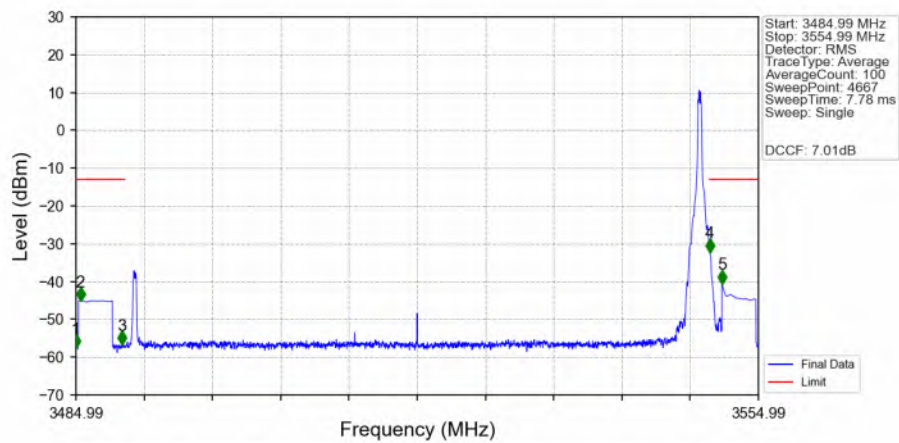
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.650	-40.10	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



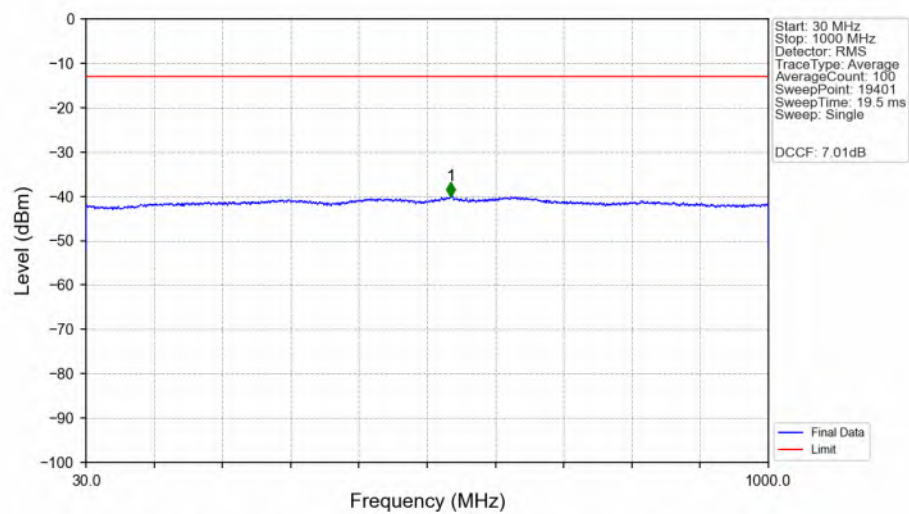
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3465.01	1	/	1	2763.009	-40.07	-13	Pass
3465.01	3535.01	1	/	/	/	/	/	/
3535.01	35500	1	/	2	35073.336	-36.27	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3519.99MHz_Edge_1RB_Right_Ant1



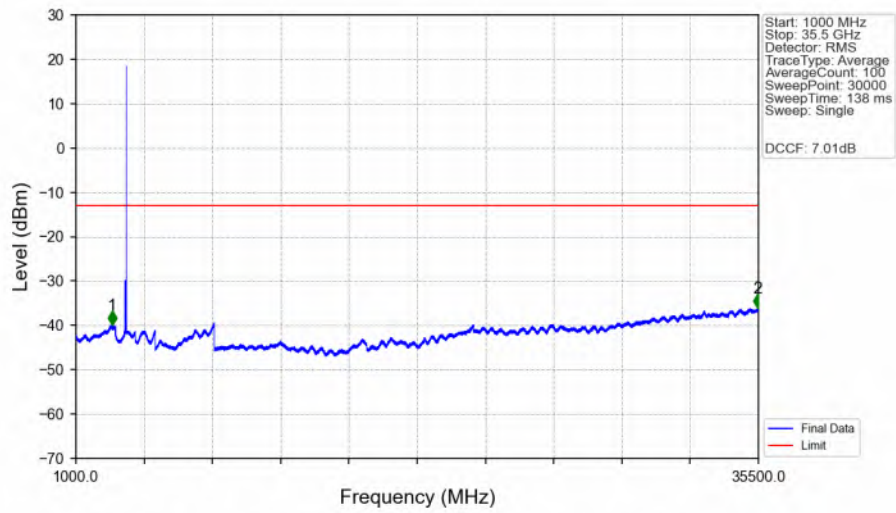
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-57.24	-13	Pass
3484.99	3488.99	0.5	CHP	2	3485.455	-44.96	-13	Pass
3488.99	3488.99	0.03	/	3	3489.746	-56.51	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3549.994	-32.00	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-40.30	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3519.99MHz_Edge_1RB_Right_Ant1



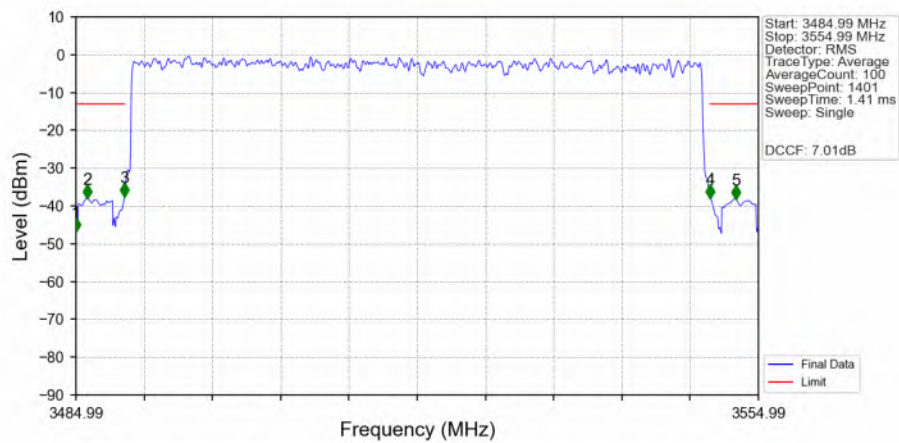
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	548.600	-39.93	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3519.99MHz_Edge_1RB_Right_Ant1



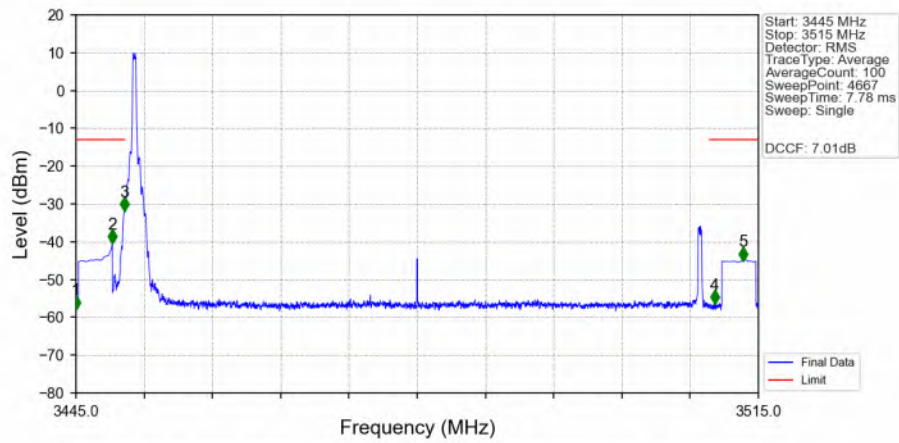
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3484.99	1	/	1	2815.911	-39.94	-13	Pass
3484.99	3554.99	1	/	/	/	/	/	/
3554.99	35500	1	/	2	35479.299	-36.12	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3519.99MHz_Outer_Full_Ant1



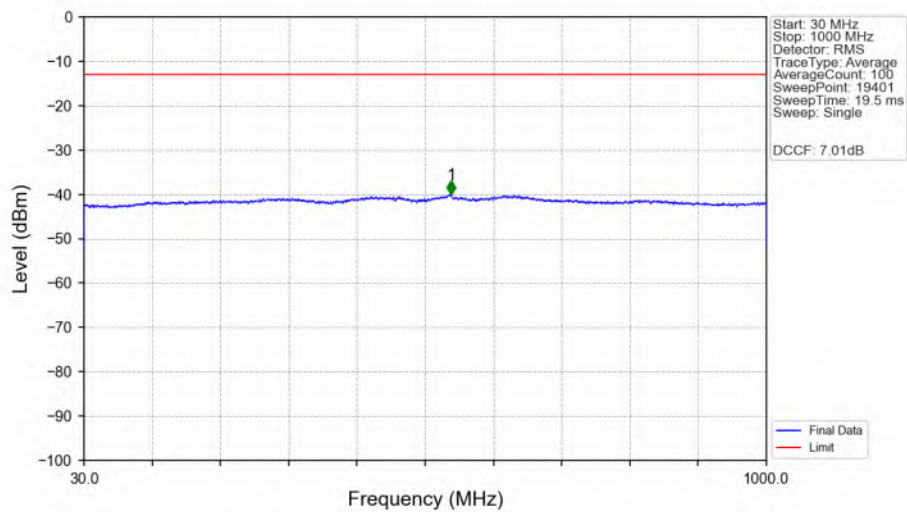
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-46.55	-13	Pass
3484.99	3488.99	0.5	CHP	2	3486.140	-37.75	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-37.40	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-37.81	-13	Pass
3550.99	3554.99	0.5	CHP	5	3552.640	-38.00	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



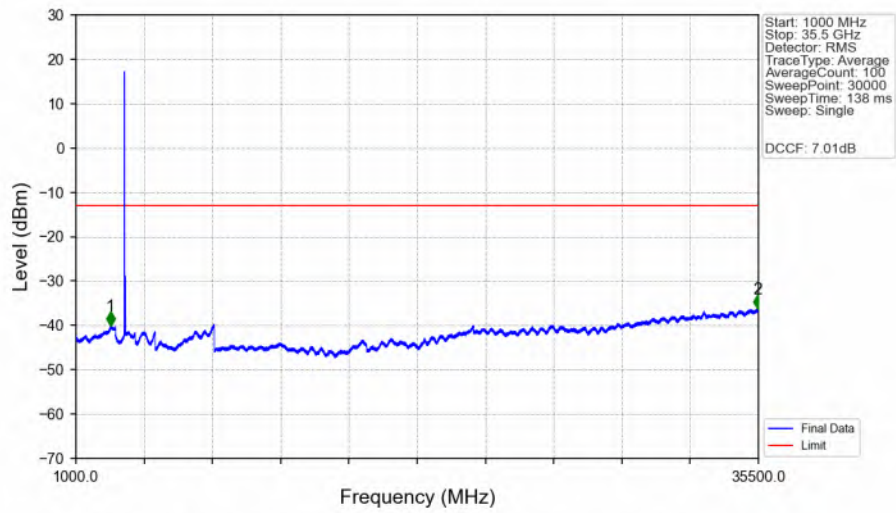
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-57.56	-13	Pass
3445	3449	0.5	CHP	2	3448.736	-40.16	-13	Pass
3449	3450	0.03	/	3	3449.996	-31.56	-13	Pass
3450	3510	0.03	/	/	/	/	/	/
3510	3511	0.03	/	4	3510.499	-56.11	-13	Pass
3511	3515	0.5	CHP	5	3513.410	-44.77	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



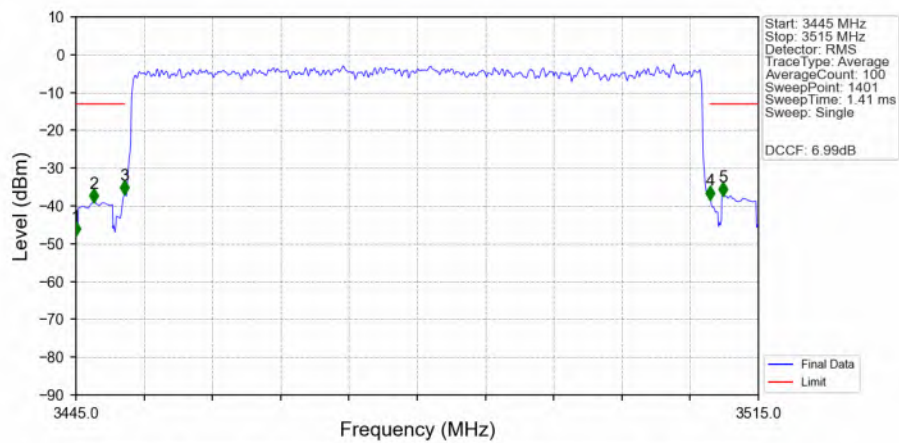
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.950	-39.94	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant1



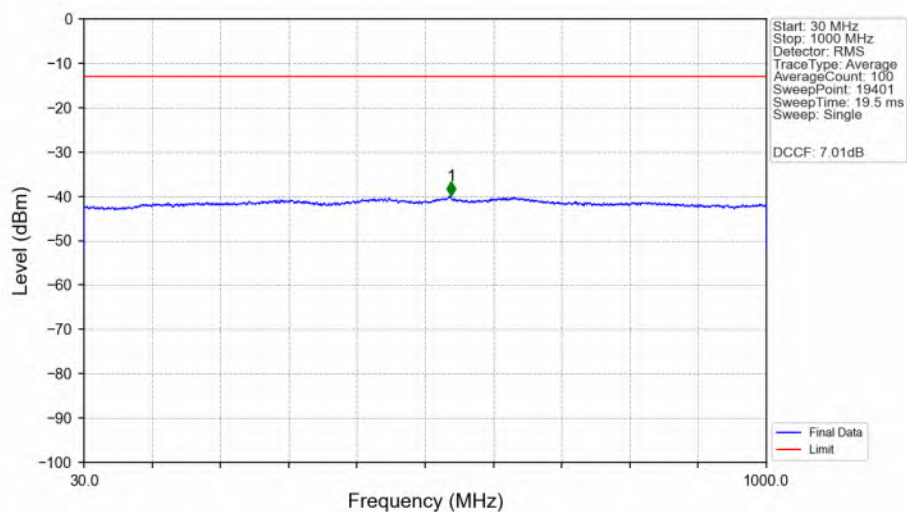
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445	1	/	1	2746.908	-40.12	-13	Pass
3445	3515	1	/	/	/	/	/	/
3515	35500	1	/	2	35457.449	-36.32	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full_Ant1



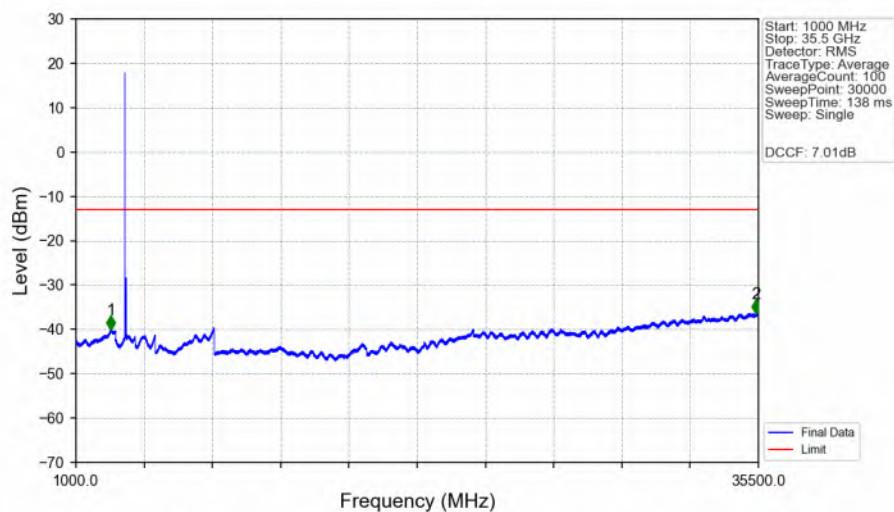
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-47.67	-13	Pass
3445	3449	0.5	CHP	2	3446.850	-38.86	-13	Pass
3449	3450	0.2	CHP	3	3449.950	-36.73	-13	Pass
3450	3510	0.2	CHP	/	/	/	/	/
3510	3511	0.2	CHP	4	3510.050	-38.08	-13	Pass
3511	3515	0.5	CHP	5	3511.350	-37.15	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



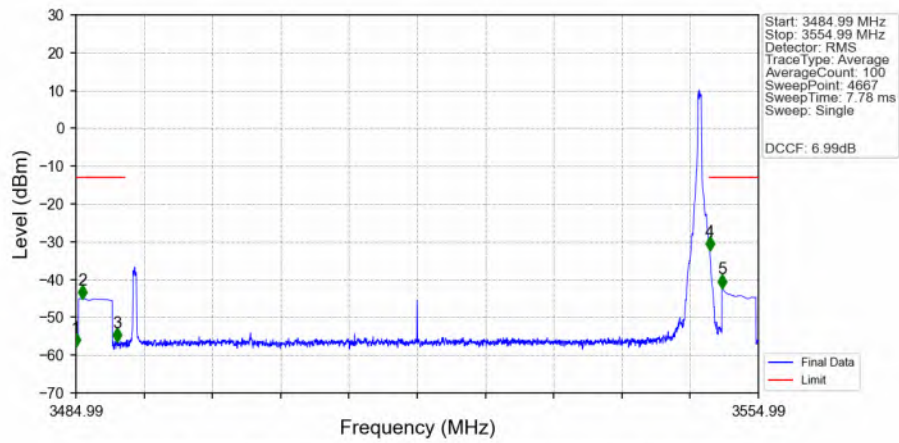
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	551.800	-39.76	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



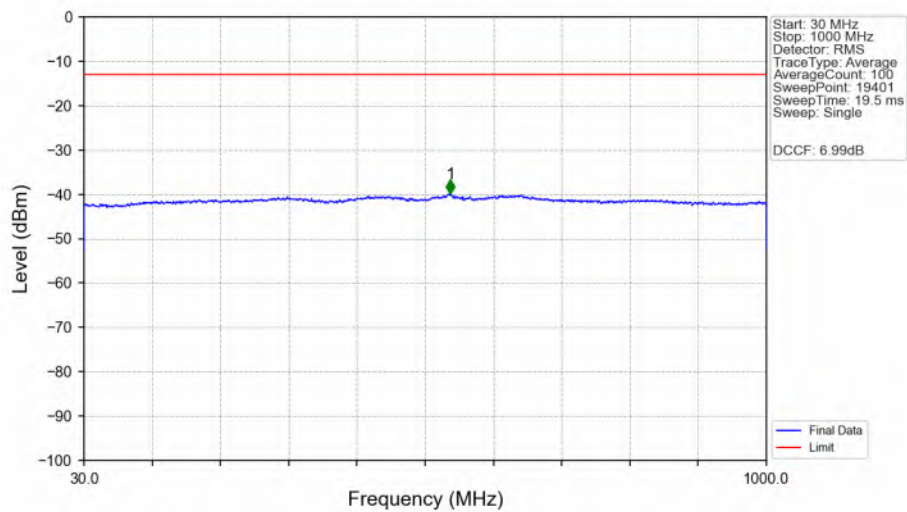
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3465.01	1	/	1	2769.909	-40.06	-13	Pass
3465.01	3535.01	1	/	/	/	/	/	/
3535.01	35500	1	/	2	35395.347	-36.38	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant1



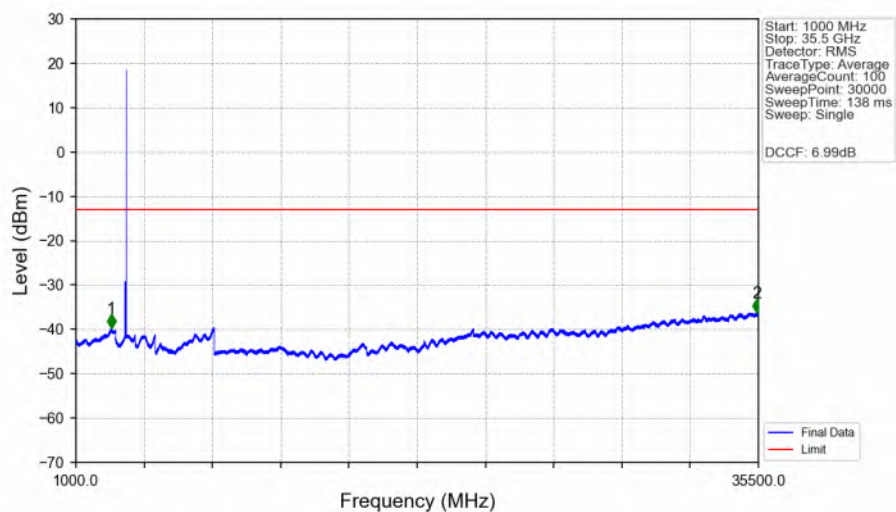
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-57.49	-13	Pass
3484.99	3488.99	0.5	CHP	2	3485.665	-44.93	-13	Pass
3488.99	3489.99	0.03	/	3	3489.221	-56.22	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3549.994	-32.06	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-42.01	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant1



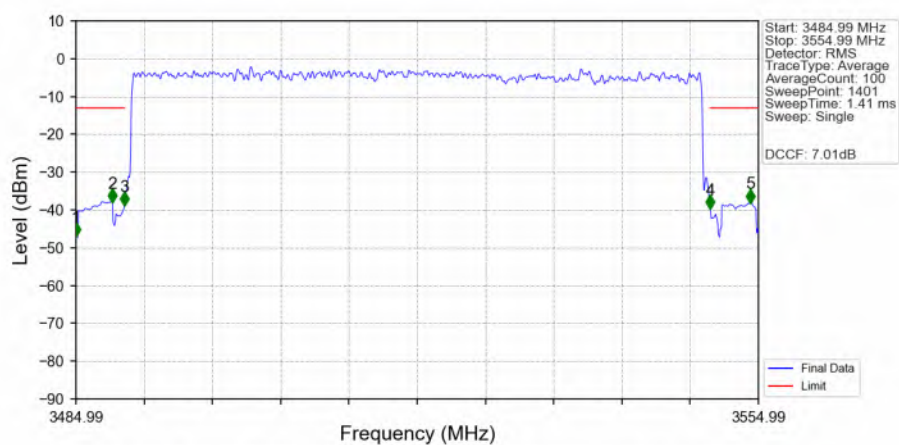
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.950	-39.92	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant1



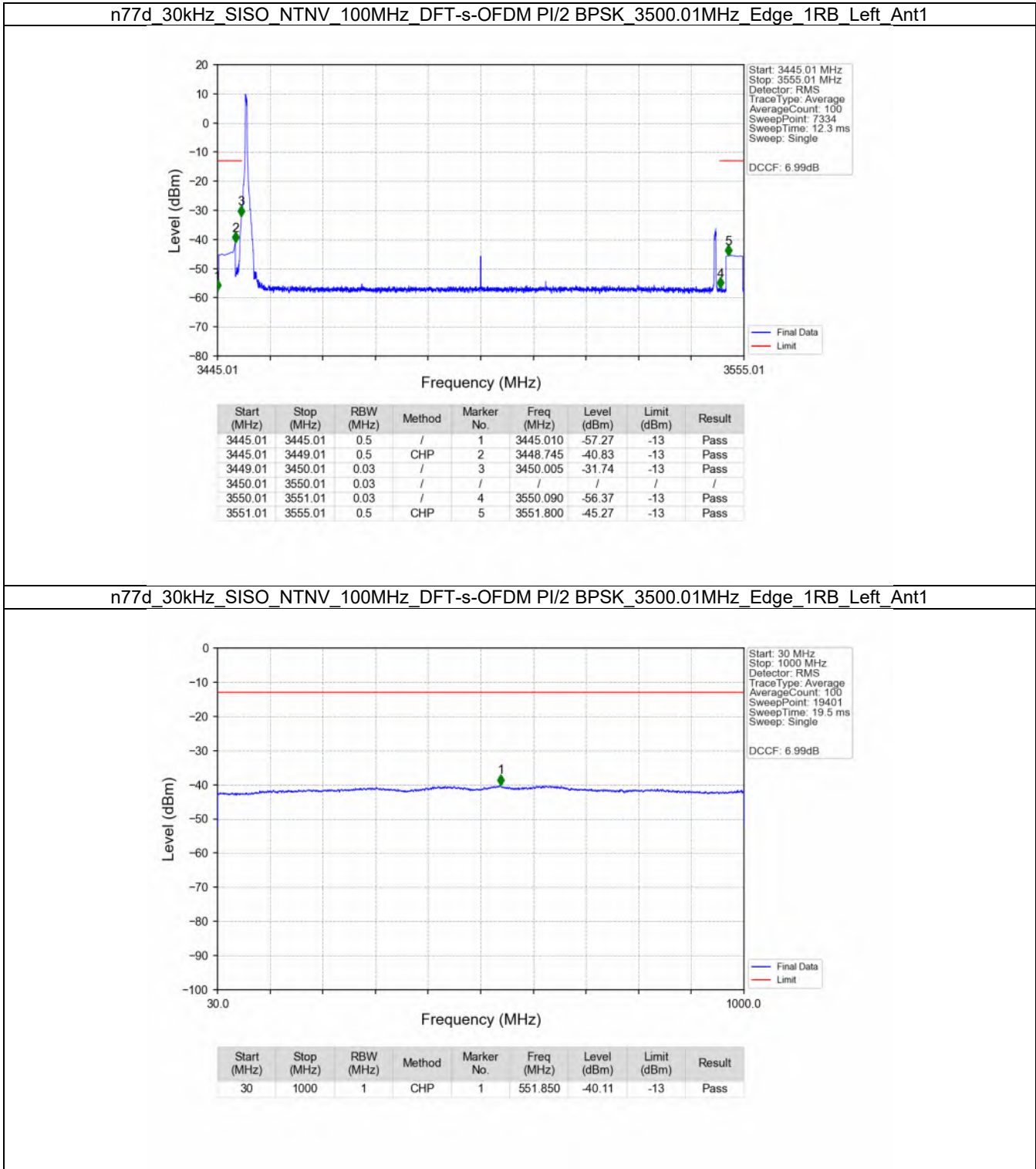
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3484.99	1	/	1	2786.010	-39.79	-13	Pass
3484.99	3554.99	1	/	/	/	/	/	/
3554.99	35500	1	/	2	35417.197	-36.29	-13	Pass

n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Outer_Full_Ant1

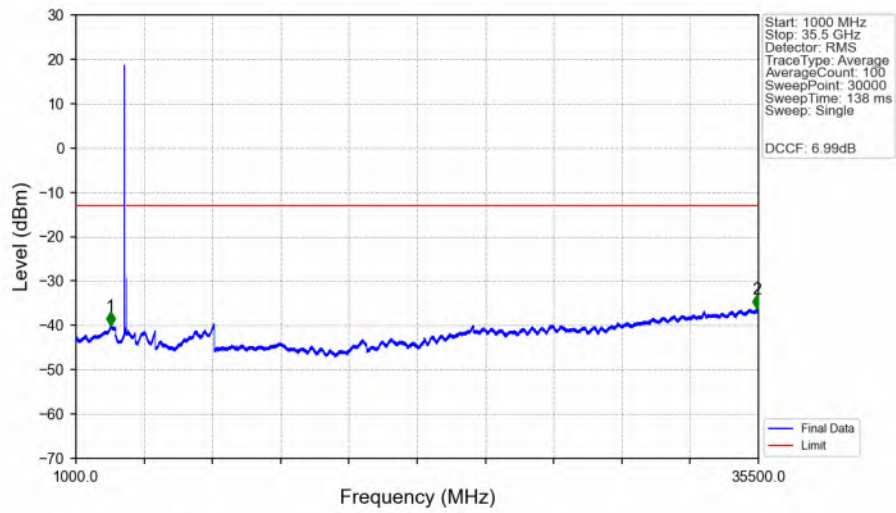


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-46.71	-13	Pass
3484.99	3488.99	0.5	CHP	2	3488.740	-37.71	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-38.63	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-39.52	-13	Pass
3550.99	3554.99	0.5	CHP	5	3554.190	-37.87	-13	Pass

5.2.3 30_S_100M_NTNV

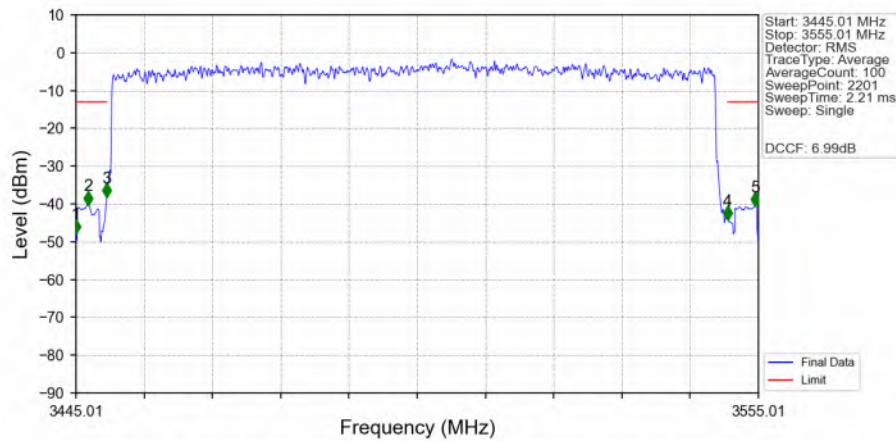


n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left_Ant1



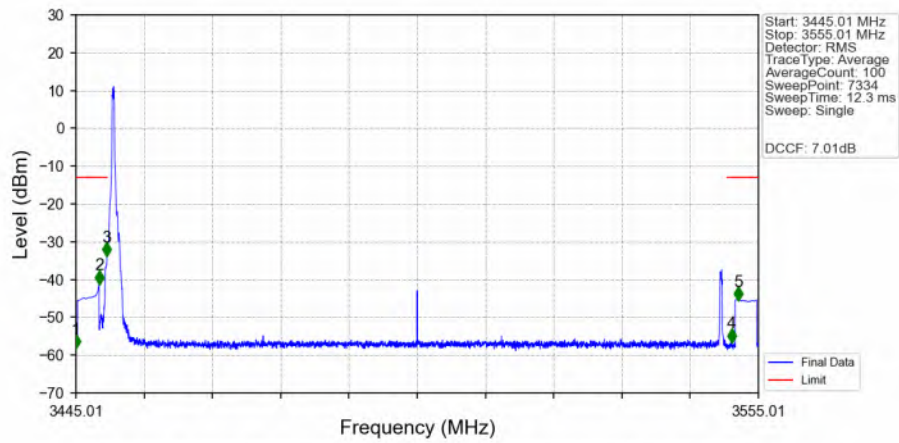
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	2753.808	-40.07	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35436.748	-36.27	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Outer_Full_Ant1



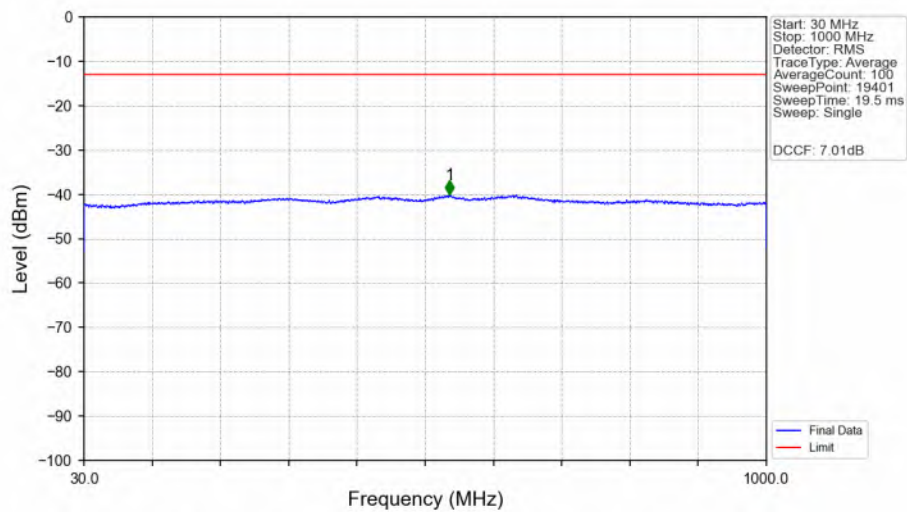
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-47.49	-13	Pass
3445.01	3449.01	0.5	CHP	2	3447.010	-40.01	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-38.01	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-43.91	-13	Pass
3551.01	3555.01	0.5	CHP	5	3554.510	-40.40	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



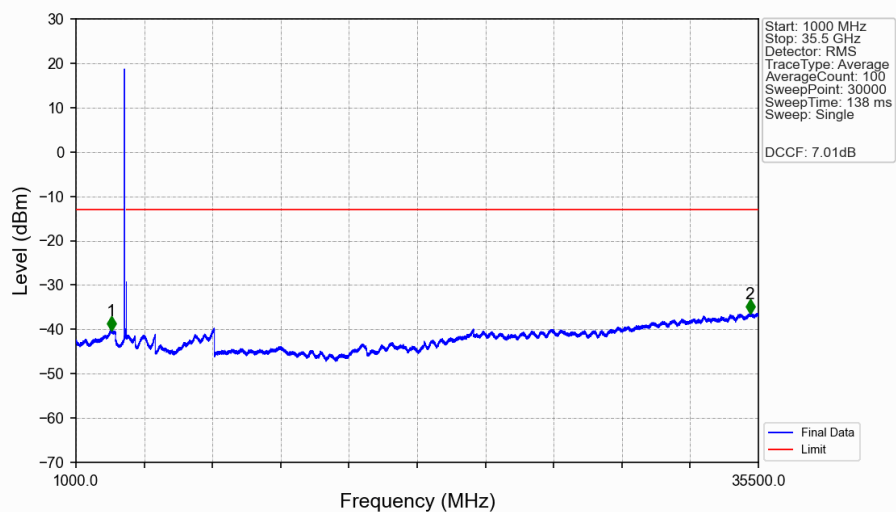
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-58.00	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-40.97	-13	Pass
3449.01	3450.01	0.03	/	3	3450.005	-33.59	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.705	-56.31	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.770	-45.30	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1

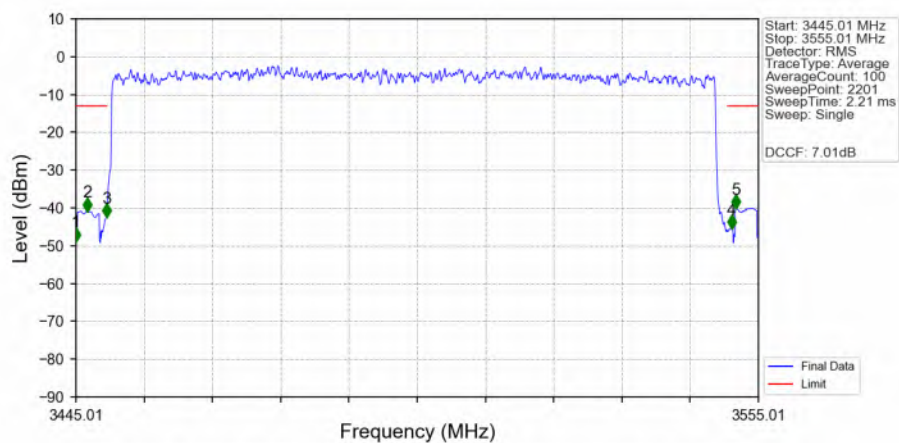


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	549.700	-40.09	-13	Pass

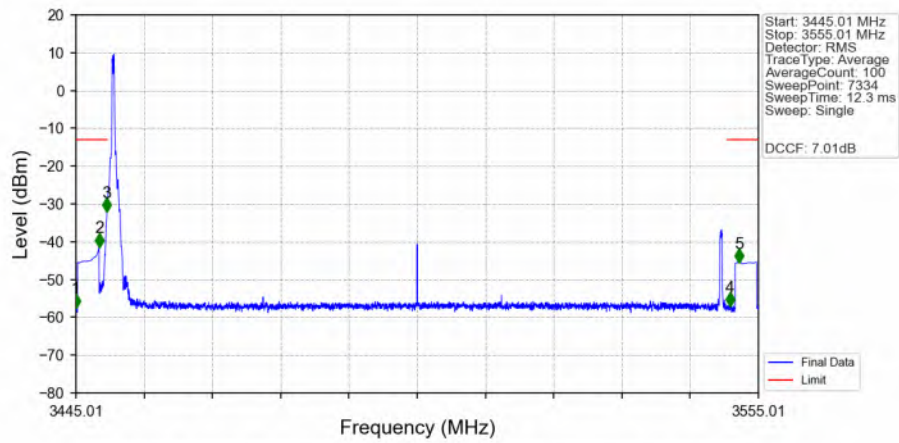
n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



n77d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1

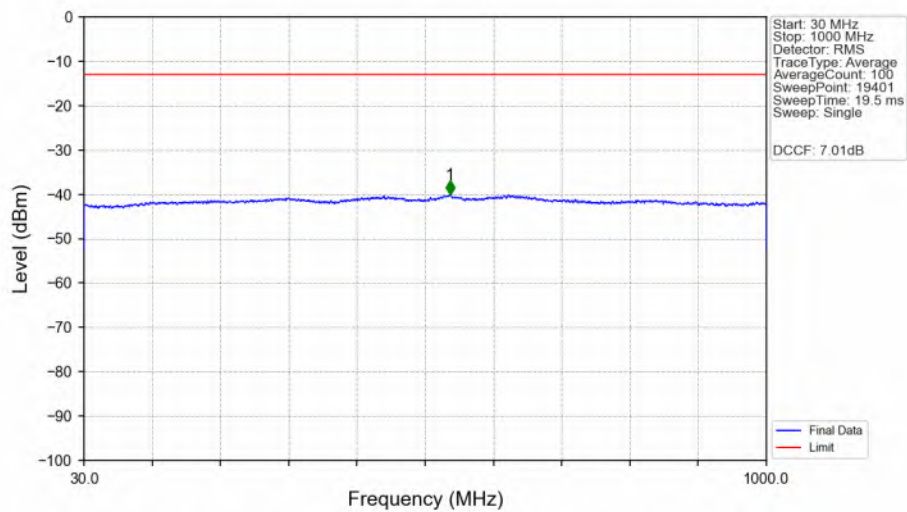


n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



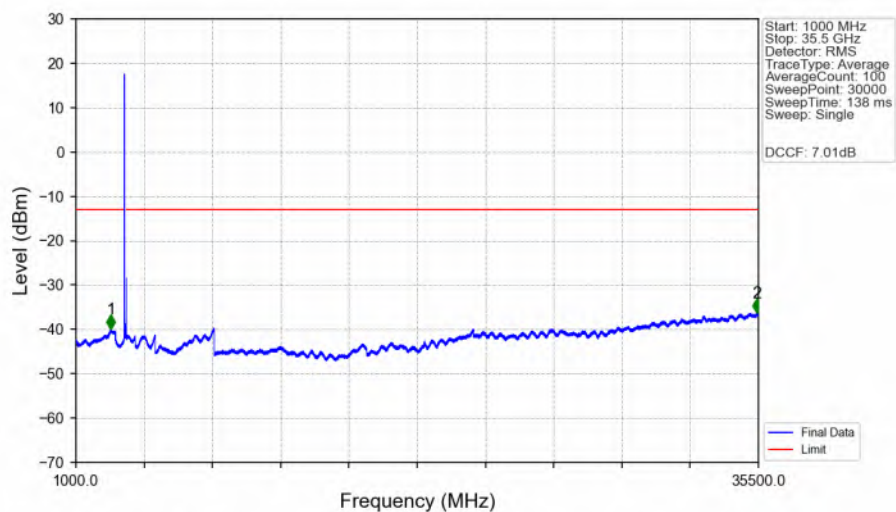
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-57.12	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-41.15	-13	Pass
3449.01	3450.01	0.03	/	3	3450.005	-31.89	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.465	-56.77	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.920	-45.23	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



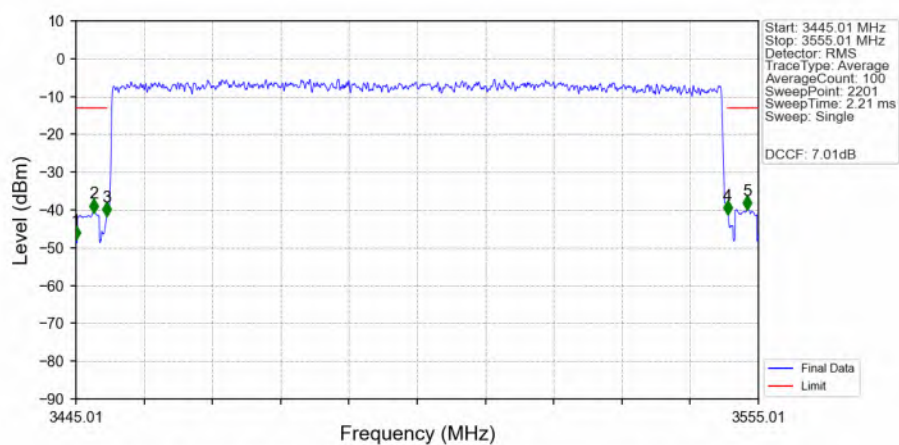
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	550.050	-40.10	-13	Pass

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	2771.059	-39.94	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35426.398	-36.28	-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	-47.56	-13	Pass
3445.01	3449.01	0.5	CHP	2	3447.860	-40.42	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-41.39	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-40.98	-13	Pass
3551.01	3555.01	0.5	CHP	5	3553.210	-39.76	-13	Pass

- End of the Appendix -