

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge 1RB Left	21.23	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	21.12	/	/	20.72	/	/	<=30	Pass
		Outer Full	24.22	/	/	23.82	/	/	<=30	Pass
		Inner Full	24.64	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Left	24.56	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Right	24.62	/	/	24.22	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.58	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	21.18	/	/	<=30	Pass
		Outer Full	24.65	/	/	24.25	/	/	<=30	Pass
		Inner Full	25.07	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Left	25.08	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Right	25.13	/	/	24.73	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.51	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	21.70	/	/	<=30	Pass
		Outer Full	24.81	/	/	24.41	/	/	<=30	Pass
		Inner Full	25.28	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	24.90	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Right	25.52	/	/	25.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge 1RB Left	21.24	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	21.01	/	/	20.61	/	/	<=30	Pass
		Outer Full	23.57	/	/	23.17	/	/	<=30	Pass
		Inner Full	24.66	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Left	24.61	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Right	24.46	/	/	24.06	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.54	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	21.66	/	/	21.26	/	/	<=30	Pass
		Outer Full	24.05	/	/	23.65	/	/	<=30	Pass
		Inner Full	25.12	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	25.07	/	/	24.67	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.38	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	21.64	/	/	<=30	Pass
		Outer Full	24.21	/	/	23.81	/	/	<=30	Pass
		Inner Full	25.30	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Left	24.83	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Right	25.33	/	/	24.93	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge 1RB Left	21.05	/	/	20.65	/	/	<=30	Pass
		Edge 1RB Right	20.95	/	/	20.55	/	/	<=30	Pass
		Outer Full	22.66	/	/	22.26	/	/	<=30	Pass
		Inner Full	23.55	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Left	23.56	/	/	23.16	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	23.13	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.22	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	21.47	/	/	<=30	Pass
		Outer Full	23.05	/	/	22.65	/	/	<=30	Pass
		Inner Full	23.92	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	23.65	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	24.39	/	/	23.99	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.42	/	/	21.02	/	/	<=30	Pass

		Edge_1RB_Right	22.08	/	/	21.68	/	/	<=30	Pass
		Outer_Full	23.28	/	/	22.88	/	/	<=30	Pass
		Inner_Full	24.23	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	24.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge_1RB_Left	21.04	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	20.51	/	/	<=30	Pass
		Outer_Full	22.17	/	/	21.77	/	/	<=30	Pass
		Inner_Full	22.03	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	21.47	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	21.99	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Left	21.13	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	21.39	/	/	<=30	Pass
		Outer_Full	22.56	/	/	22.16	/	/	<=30	Pass
		Inner_Full	22.57	/	/	22.17	/	/	<=30	Pass
	3544.98	Inner_1RB_Left	22.02	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Left	21.28	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	21.45	/	/	<=30	Pass
		Outer_Full	22.76	/	/	22.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Inner_Full	22.67	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Left	20.26	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	19.87	/	/	<=30	Pass
	3500.01	Outer_Full	20.08	/	/	19.68	/	/	<=30	Pass
		Inner_Full	20.02	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Left	20.14	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	20.11	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Left	20.39	/	/	19.99	/	/	<=30	Pass
	3544.98	Edge_1RB_Right	21.06	/	/	20.66	/	/	<=30	Pass
		Outer_Full	20.57	/	/	20.17	/	/	<=30	Pass
		Inner_Full	20.42	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	21.00	/	/	20.60	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	20.47	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	20.79	/	/	<=30	Pass
		Outer_Full	20.78	/	/	20.38	/	/	<=30	Pass
		Inner_Full	20.71	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	20.17	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	21.13	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Left	21.15	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	20.79	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.17	/	/	<=30	Pass
		Inner_Full	22.93	/	/	22.53	/	/	<=30	Pass
	3544.98	Inner_1RB_Left	23.20	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Left	21.27	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	21.70	/	/	<=30	Pass
		Outer_Full	22.02	/	/	21.62	/	/	<=30	Pass
	3500.01	Inner_Full	23.50	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Left	21.53	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	21.70	/	/	<=30	Pass
	3544.98	Outer_Full	22.22	/	/	21.82	/	/	<=30	Pass
		Inner_Full	23.85	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	23.48	/	/	<=30	Pass

CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	21.04	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	20.78	/	/	<=30	Pass
		Outer_Full	21.71	/	/	21.31	/	/	<=30	Pass
		Inner_Full	22.39	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	22.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.16	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.19	/	/	21.79	/	/	<=30	Pass
		Inner_Full	22.89	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	22.94	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	21.41	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.40	/	/	22.00	/	/	<=30	Pass
		Inner_Full	23.10	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	23.06	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	21.01	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	20.67	/	/	<=30	Pass
		Outer_Full	21.04	/	/	20.64	/	/	<=30	Pass
		Inner_Full	21.07	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	21.04	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	20.59	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.12	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	21.45	/	/	<=30	Pass
		Outer_Full	21.51	/	/	21.11	/	/	<=30	Pass
		Inner_Full	21.50	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	21.33	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	21.40	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	21.61	/	/	<=30	Pass
		Outer_Full	21.63	/	/	21.23	/	/	<=30	Pass
		Inner_Full	21.70	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	21.53	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	18.05	/	/	17.65	/	/	<=30	Pass
		Edge_1RB_Right	18.16	/	/	17.76	/	/	<=30	Pass
		Outer_Full	17.94	/	/	17.54	/	/	<=30	Pass
		Inner_Full	18.06	/	/	17.66	/	/	<=30	Pass
		Inner_1RB_Left	18.08	/	/	17.68	/	/	<=30	Pass
		Inner_1RB_Right	18.14	/	/	17.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.21	/	/	17.81	/	/	<=30	Pass
		Edge_1RB_Right	19.09	/	/	18.69	/	/	<=30	Pass
		Outer_Full	18.29	/	/	17.89	/	/	<=30	Pass
		Inner_Full	18.40	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	18.92	/	/	18.52	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	18.45	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	19.10	/	/	18.70	/	/	<=30	Pass
		Outer_Full	18.58	/	/	18.18	/	/	<=30	Pass
		Inner_Full	18.68	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Left	18.54	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Right	19.03	/	/	18.63	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Edge 1RB Left	20.13	/	/	19.73	/	/	<=30	Pass
		Edge 1RB Right	21.04	/	/	20.64	/	/	<=30	Pass
		Outer Full	23.39	/	/	22.99	/	/	<=30	Pass
		Inner Full	23.70	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	24.51	/	/	24.11	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.27	/	/	20.87	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	21.93	/	/	<=30	Pass
		Outer Full	24.59	/	/	24.19	/	/	<=30	Pass
		Inner Full	25.09	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	24.67	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Right	25.68	/	/	25.28	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.23	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	21.72	/	/	<=30	Pass
		Outer Full	24.56	/	/	24.16	/	/	<=30	Pass
		Inner Full	24.99	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	25.48	/	/	25.08	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	20.01	/	/	19.61	/	/	<=30	Pass
		Edge 1RB Right	21.19	/	/	20.79	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.43	/	/	<=30	Pass
		Inner Full	23.72	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	24.52	/	/	24.12	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.15	/	/	20.75	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	21.93	/	/	<=30	Pass
		Outer Full	24.14	/	/	23.74	/	/	<=30	Pass
		Inner Full	25.05	/	/	24.65	/	/	<=30	Pass
		Inner 1RB Left	24.67	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Right	25.58	/	/	25.18	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.24	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	22.09	/	/	21.69	/	/	<=30	Pass
		Outer Full	24.06	/	/	23.66	/	/	<=30	Pass
		Inner Full	24.99	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	25.38	/	/	24.98	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge 1RB Left	19.88	/	/	19.48	/	/	<=30	Pass
		Edge 1RB Right	21.00	/	/	20.60	/	/	<=30	Pass
		Outer Full	21.85	/	/	21.45	/	/	<=30	Pass
		Inner Full	22.79	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Left	22.43	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Right	23.40	/	/	23.00	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.07	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	21.86	/	/	<=30	Pass
		Outer Full	23.13	/	/	22.73	/	/	<=30	Pass
		Inner Full	24.07	/	/	23.67	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	24.19	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.04	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	21.57	/	/	<=30	Pass
		Outer Full	23.01	/	/	22.61	/	/	<=30	Pass
		Inner Full	24.09	/	/	23.69	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	24.43	/	/	24.03	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge 1RB Left	19.94	/	/	19.54	/	/	<=30	Pass
		Edge 1RB Right	20.91	/	/	20.51	/	/	<=30	Pass

		Outer_Full	21.33	/	/	20.93	/	/	<=30	Pass
		Inner_Full	21.24	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	21.51	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.06	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	21.66	/	/	<=30	Pass
		Outer_Full	22.60	/	/	22.20	/	/	<=30	Pass
		Inner_Full	22.46	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	22.03	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	22.65	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	20.99	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.54	/	/	22.14	/	/	<=30	Pass
		Inner_Full	22.50	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	22.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	19.01	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	19.73	/	/	<=30	Pass
		Outer_Full	19.41	/	/	19.01	/	/	<=30	Pass
		Inner_Full	19.18	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Left	19.07	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Right	20.15	/	/	19.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.27	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	20.89	/	/	<=30	Pass
		Outer_Full	20.69	/	/	20.29	/	/	<=30	Pass
		Inner_Full	20.59	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	20.17	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	20.84	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	20.25	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	21.11	/	/	20.71	/	/	<=30	Pass
		Outer_Full	20.57	/	/	20.17	/	/	<=30	Pass
		Inner_Full	20.61	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	20.66	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge_1RB_Left	20.18	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	20.85	/	/	<=30	Pass
		Outer_Full	20.96	/	/	20.56	/	/	<=30	Pass
		Inner_Full	22.24	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	22.56	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.30	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	21.95	/	/	<=30	Pass
		Outer_Full	22.07	/	/	21.67	/	/	<=30	Pass
		Inner_Full	23.57	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	23.64	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	21.28	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.00	/	/	21.60	/	/	<=30	Pass
		Inner_Full	23.53	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	23.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Edge_1RB_Left	20.02	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	20.66	/	/	<=30	Pass
		Outer_Full	20.87	/	/	20.47	/	/	<=30	Pass
		Inner_Full	21.77	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	22.03	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.12	/	/	20.72	/	/	<=30	Pass

		Edge_1RB_Right	22.15	/	/	21.75	/	/	<=30	Pass
		Outer_Full	22.13	/	/	21.73	/	/	<=30	Pass
		Inner_Full	23.01	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	23.11	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	21.09	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	21.60	/	/	<=30	Pass
		Outer_Full	22.04	/	/	21.64	/	/	<=30	Pass
		Inner_Full	22.95	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	22.19	/	/	<=30	Pass
	Inner_1RB_Right	23.53	/	/	23.13	/	/	<=30	Pass	
CP-OFDM 64 QAM	3457.5	Edge_1RB_Left	19.88	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	20.56	/	/	<=30	Pass
		Outer_Full	20.35	/	/	19.95	/	/	<=30	Pass
		Inner_Full	20.29	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	19.44	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	20.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.03	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	21.63	/	/	<=30	Pass
		Outer_Full	21.68	/	/	21.28	/	/	<=30	Pass
		Inner_Full	21.53	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	21.62	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	20.99	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	21.40	/	/	<=30	Pass
		Outer_Full	21.54	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.50	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	21.42	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Edge_1RB_Left	16.90	/	/	16.50	/	/	<=30	Pass
		Edge_1RB_Right	18.09	/	/	17.69	/	/	<=30	Pass
		Outer_Full	17.28	/	/	16.88	/	/	<=30	Pass
		Inner_Full	17.28	/	/	16.88	/	/	<=30	Pass
		Inner_1RB_Left	17.07	/	/	16.67	/	/	<=30	Pass
		Inner_1RB_Right	17.98	/	/	17.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.12	/	/	17.72	/	/	<=30	Pass
		Edge_1RB_Right	19.14	/	/	18.74	/	/	<=30	Pass
		Outer_Full	18.60	/	/	18.20	/	/	<=30	Pass
		Inner_Full	18.48	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	18.06	/	/	17.66	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	18.77	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	18.14	/	/	17.74	/	/	<=30	Pass
		Edge_1RB_Right	19.00	/	/	18.60	/	/	<=30	Pass
		Outer_Full	18.46	/	/	18.06	/	/	<=30	Pass
Inner_Full		18.38	/	/	17.98	/	/	<=30	Pass	
Inner_1RB_Left		18.14	/	/	17.74	/	/	<=30	Pass	
	Inner_1RB_Right	19.00	/	/	18.60	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	20.06	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	21.42	/	/	<=30	Pass
		Outer_Full	23.87	/	/	23.47	/	/	<=30	Pass

		Inner_Full	24.16	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	24.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.13	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	22.04	/	/	<=30	Pass
		Outer_Full	24.76	/	/	24.36	/	/	<=30	Pass
		Inner_Full	25.06	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	25.50	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.15	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	21.59	/	/	<=30	Pass
		Outer_Full	24.36	/	/	23.96	/	/	<=30	Pass
		Inner_Full	24.86	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	25.44	/	/	25.04	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	20.12	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	21.43	/	/	<=30	Pass
		Outer_Full	23.33	/	/	22.93	/	/	<=30	Pass
		Inner_Full	24.09	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	24.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.13	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	22.11	/	/	<=30	Pass
		Outer_Full	24.27	/	/	23.87	/	/	<=30	Pass
		Inner_Full	25.09	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	25.40	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.21	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	21.57	/	/	<=30	Pass
		Outer_Full	23.92	/	/	23.52	/	/	<=30	Pass
		Inner_Full	24.80	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	25.39	/	/	24.99	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	20.05	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	21.33	/	/	<=30	Pass
		Outer_Full	22.31	/	/	21.91	/	/	<=30	Pass
		Inner_Full	23.11	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	23.78	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.08	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	22.00	/	/	<=30	Pass
		Outer_Full	23.23	/	/	22.83	/	/	<=30	Pass
		Inner_Full	24.13	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	24.35	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.03	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	21.54	/	/	<=30	Pass
		Outer_Full	22.91	/	/	22.51	/	/	<=30	Pass
		Inner_Full	23.85	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	24.05	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	20.00	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.32	/	/	<=30	Pass
		Outer_Full	21.77	/	/	21.37	/	/	<=30	Pass
		Inner_Full	21.52	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	22.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.99	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	21.96	/	/	<=30	Pass

		Outer_Full	22.66	/	/	22.26	/	/	<=30	Pass
		Inner_Full	22.59	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	22.84	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.11	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	21.45	/	/	<=30	Pass
		Outer_Full	22.35	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.35	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	21.94	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	22.40	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	19.15	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	20.44	/	/	<=30	Pass
		Outer_Full	19.73	/	/	19.33	/	/	<=30	Pass
		Inner_Full	19.67	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	18.68	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	20.36	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.30	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	21.02	/	/	<=30	Pass
		Outer_Full	20.69	/	/	20.29	/	/	<=30	Pass
		Inner_Full	20.57	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	21.14	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.15	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	20.68	/	/	<=30	Pass
		Outer_Full	20.39	/	/	19.99	/	/	<=30	Pass
		Inner_Full	20.34	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	20.14	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	20.63	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	20.20	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	21.54	/	/	<=30	Pass
		Outer_Full	21.27	/	/	20.87	/	/	<=30	Pass
		Inner_Full	22.60	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	23.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.25	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.08	/	/	<=30	Pass
		Outer_Full	22.15	/	/	21.75	/	/	<=30	Pass
		Inner_Full	23.53	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	23.93	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.20	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	21.63	/	/	<=30	Pass
		Outer_Full	21.87	/	/	21.47	/	/	<=30	Pass
		Inner_Full	23.31	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	23.29	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	19.95	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	21.28	/	/	<=30	Pass
		Outer_Full	21.29	/	/	20.89	/	/	<=30	Pass
		Inner_Full	22.02	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	22.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.18	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	21.96	/	/	<=30	Pass
		Outer_Full	22.26	/	/	21.86	/	/	<=30	Pass
		Inner_Full	23.00	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	23.41	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.06	/	/	20.66	/	/	<=30	Pass

		Edge_1RB_Right	22.01	/	/	21.61	/	/	<=30	Pass
		Outer_Full	21.92	/	/	21.52	/	/	<=30	Pass
		Inner_Full	22.74	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	23.15	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	19.97	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	21.20	/	/	<=30	Pass
		Outer_Full	20.91	/	/	20.51	/	/	<=30	Pass
		Inner_Full	20.67	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	19.58	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	21.51	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Left	21.04	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	21.79	/	/	<=30	Pass
		Outer_Full	21.73	/	/	21.33	/	/	<=30	Pass
		Inner_Full	21.59	/	/	21.19	/	/	<=30	Pass
	3540	Inner_1RB_Left	20.89	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Left	20.99	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	21.34	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.08	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Inner_Full	21.32	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Left	17.02	/	/	16.62	/	/	<=30	Pass
		Edge_1RB_Right	18.72	/	/	18.32	/	/	<=30	Pass
	3500.01	Outer_Full	17.78	/	/	17.38	/	/	<=30	Pass
		Inner_Full	17.59	/	/	17.19	/	/	<=30	Pass
		Inner_1RB_Left	17.05	/	/	16.65	/	/	<=30	Pass
		Inner_1RB_Right	18.83	/	/	18.43	/	/	<=30	Pass
		Edge_1RB_Left	18.10	/	/	17.70	/	/	<=30	Pass
	3540	Edge_1RB_Right	19.41	/	/	19.01	/	/	<=30	Pass
		Outer_Full	18.61	/	/	18.21	/	/	<=30	Pass
		Inner_Full	18.55	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	18.13	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Left	18.08	/	/	17.68	/	/	<=30	Pass
		Edge_1RB_Right	18.94	/	/	18.54	/	/	<=30	Pass
		Outer_Full	18.35	/	/	17.95	/	/	<=30	Pass
		Inner_Full	18.31	/	/	17.91	/	/	<=30	Pass
		Inner_1RB_Left	18.12	/	/	17.72	/	/	<=30	Pass
		Inner_1RB_Right	19.02	/	/	18.62	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_40MHz_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	Edge_1RB_Left	20.19	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	20.84	/	/	<=30	Pass
		Outer_Full	24.35	/	/	23.95	/	/	<=30	Pass
		Inner_Full	25.19	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	23.13	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.71	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Left	21.51	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	21.87	/	/	<=30	Pass
		Outer_Full	24.69	/	/	24.29	/	/	<=30	Pass

		Inner_Full	25.08	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	25.20	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.45	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	21.65	/	/	<=30	Pass
		Outer_Full	24.69	/	/	24.29	/	/	<=30	Pass
		Inner_Full	24.87	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	25.46	/	/	25.06	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	20.12	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	20.82	/	/	<=30	Pass
		Outer_Full	23.77	/	/	23.37	/	/	<=30	Pass
		Inner_Full	25.11	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	24.69	/	/	24.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.61	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	21.74	/	/	<=30	Pass
		Outer_Full	24.34	/	/	23.94	/	/	<=30	Pass
		Inner_Full	25.01	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	25.55	/	/	25.15	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.48	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	21.57	/	/	<=30	Pass
		Outer_Full	24.23	/	/	23.83	/	/	<=30	Pass
		Inner_Full	24.88	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Right	25.35	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	19.96	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	20.58	/	/	<=30	Pass
		Outer_Full	22.83	/	/	22.43	/	/	<=30	Pass
		Inner_Full	24.12	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	23.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.47	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	21.79	/	/	<=30	Pass
		Outer_Full	23.19	/	/	22.79	/	/	<=30	Pass
		Inner_Full	24.06	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	24.10	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.29	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	21.47	/	/	<=30	Pass
		Outer_Full	23.22	/	/	22.82	/	/	<=30	Pass
		Inner_Full	23.92	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	24.05	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	20.02	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	20.75	/	/	<=30	Pass
		Outer_Full	22.34	/	/	21.94	/	/	<=30	Pass
		Inner_Full	22.57	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	21.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.48	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	21.66	/	/	<=30	Pass
		Outer_Full	22.76	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.50	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	22.66	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.32	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	21.41	/	/	<=30	Pass

		Outer_Full	22.73	/	/	22.33	/	/	<=30	Pass
		Inner_Full	22.42	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	22.42	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	19.21	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	19.92	/	/	<=30	Pass
		Outer_Full	20.37	/	/	19.97	/	/	<=30	Pass
		Inner_Full	20.65	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Left	19.20	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Right	20.35	/	/	19.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.54	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	20.88	/	/	<=30	Pass
		Outer_Full	20.73	/	/	20.33	/	/	<=30	Pass
		Inner_Full	20.63	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	21.30	/	/	20.90	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.46	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	20.66	/	/	<=30	Pass
		Outer_Full	20.72	/	/	20.32	/	/	<=30	Pass
		Inner_Full	20.49	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	21.46	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	20.64	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	20.05	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	20.86	/	/	<=30	Pass
		Outer_Full	21.76	/	/	21.36	/	/	<=30	Pass
		Inner_Full	23.62	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	22.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.69	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	21.77	/	/	<=30	Pass
		Outer_Full	22.19	/	/	21.79	/	/	<=30	Pass
		Inner_Full	23.63	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	23.67	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.44	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.55	/	/	<=30	Pass
		Outer_Full	22.13	/	/	21.73	/	/	<=30	Pass
		Inner_Full	23.32	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	23.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	20.01	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	20.69	/	/	<=30	Pass
		Outer_Full	21.80	/	/	21.40	/	/	<=30	Pass
		Inner_Full	23.00	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	22.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.48	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	21.65	/	/	<=30	Pass
		Outer_Full	22.26	/	/	21.86	/	/	<=30	Pass
		Inner_Full	23.09	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	23.17	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.29	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	21.47	/	/	<=30	Pass
		Outer_Full	22.27	/	/	21.87	/	/	<=30	Pass
		Inner_Full	22.79	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	23.09	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	19.91	/	/	19.51	/	/	<=30	Pass

		Edge_1RB_Right	21.02	/	/	20.62	/	/	<=30	Pass
		Outer_Full	21.27	/	/	20.87	/	/	<=30	Pass
		Inner_Full	21.72	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	19.93	/	/	19.53	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	20.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.40	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	21.61	/	/	<=30	Pass
		Outer_Full	21.79	/	/	21.39	/	/	<=30	Pass
		Inner_Full	21.69	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	21.05	/	/	<=30	Pass
	3529.98	Inner_1RB_Right	21.99	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	21.31	/	/	<=30	Pass
		Outer_Full	21.73	/	/	21.33	/	/	<=30	Pass
		Inner_Full	21.40	/	/	21.00	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Inner_1RB_Left	22.27	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Left	17.06	/	/	16.66	/	/	<=30	Pass
		Edge_1RB_Right	18.18	/	/	17.78	/	/	<=30	Pass
		Outer_Full	18.34	/	/	17.94	/	/	<=30	Pass
		Inner_Full	18.72	/	/	18.32	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	17.17	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Right	18.17	/	/	17.77	/	/	<=30	Pass
		Edge_1RB_Left	18.70	/	/	18.30	/	/	<=30	Pass
		Edge_1RB_Right	19.22	/	/	18.82	/	/	<=30	Pass
		Outer_Full	18.82	/	/	18.42	/	/	<=30	Pass
		Inner_Full	18.69	/	/	18.29	/	/	<=30	Pass
	3529.98	Inner_1RB_Left	18.54	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Left	19.49	/	/	19.09	/	/	<=30	Pass
Edge_1RB_Right		19.07	/	/	18.67	/	/	<=30	Pass	
Outer_Full		18.75	/	/	18.35	/	/	<=30	Pass	
	Inner_Full	18.47	/	/	18.07	/	/	<=30	Pass	
	Inner_1RB_Left	19.56	/	/	19.16	/	/	<=30	Pass	
		Inner_1RB_Right	19.02	/	/	18.62	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_50MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	19.96	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	20.95	/	/	<=30	Pass
		Outer_Full	23.62	/	/	23.22	/	/	<=30	Pass
		Inner_Full	25.09	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	22.91	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.84	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Left	21.92	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	21.33	/	/	<=30	Pass
		Outer_Full	24.76	/	/	24.36	/	/	<=30	Pass
		Inner_Full	25.16	/	/	24.76	/	/	<=30	Pass
	3525	Inner_1RB_Left	25.26	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	24.78	/	/	<=30	Pass
		Edge_1RB_Left	21.46	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	21.54	/	/	<=30	Pass
		Outer_Full	24.66	/	/	24.26	/	/	<=30	Pass

		Inner_Full	25.19	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	25.33	/	/	24.93	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	19.87	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	21.04	/	/	<=30	Pass
		Outer_Full	23.71	/	/	23.31	/	/	<=30	Pass
		Inner_Full	25.12	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Left	21.88	/	/	21.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	21.74	/	/	21.34	/	/	<=30	Pass
		Outer_Full	24.34	/	/	23.94	/	/	<=30	Pass
		Inner_Full	25.18	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	25.26	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	24.74	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.51	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	21.52	/	/	<=30	Pass
		Outer_Full	24.23	/	/	23.83	/	/	<=30	Pass
		Inner_Full	25.16	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	24.90	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	24.82	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	19.82	/	/	19.42	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	20.87	/	/	<=30	Pass
		Outer_Full	22.64	/	/	22.24	/	/	<=30	Pass
		Inner_Full	24.01	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	22.31	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	23.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.70	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	21.21	/	/	<=30	Pass
		Outer_Full	23.29	/	/	22.89	/	/	<=30	Pass
		Inner_Full	24.14	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	23.78	/	/	<=30	Pass
	3525	Inner_1RB_Right	23.99	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Left	21.46	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	21.38	/	/	<=30	Pass
		Outer_Full	23.24	/	/	22.84	/	/	<=30	Pass
		Inner_Full	24.14	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	23.53	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Inner_1RB_Right	24.26	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Left	19.90	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	20.89	/	/	<=30	Pass
		Outer_Full	22.10	/	/	21.70	/	/	<=30	Pass
		Inner_Full	22.54	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	20.26	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	22.16	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Left	21.77	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	21.26	/	/	<=30	Pass
		Outer_Full	22.72	/	/	22.32	/	/	<=30	Pass
		Inner_Full	22.63	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	22.30	/	/	<=30	Pass
	3525	Inner_1RB_Right	22.56	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Left	21.40	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	21.31	/	/	<=30	Pass
		Outer_Full	22.72	/	/	22.32	/	/	<=30	Pass
		Inner_Full	22.65	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	21.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Inner_1RB_Right	22.65	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Left	18.97	/	/	18.57	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	20.08	/	/	<=30	Pass

		Outer_Full	20.15	/	/	19.75	/	/	<=30	Pass
		Inner_Full	20.60	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	18.93	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	20.34	/	/	19.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.91	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	20.68	/	/	20.28	/	/	<=30	Pass
		Outer_Full	20.80	/	/	20.40	/	/	<=30	Pass
		Inner_Full	20.75	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	20.26	/	/	<=30	Pass
	3525	Edge_1RB_Left	20.59	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	20.47	/	/	<=30	Pass
		Outer_Full	20.65	/	/	20.25	/	/	<=30	Pass
		Inner_Full	20.73	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	20.14	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Inner_1RB_Right	20.85	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Left	19.93	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	21.04	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.19	/	/	<=30	Pass
		Inner_Full	23.46	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	21.50	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	23.39	/	/	22.99	/	/	<=30	Pass
		Edge_1RB_Left	21.76	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	21.24	/	/	<=30	Pass
		Outer_Full	22.28	/	/	21.88	/	/	<=30	Pass
		Inner_Full	23.73	/	/	23.33	/	/	<=30	Pass
	3525	Inner_1RB_Left	23.69	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Left	21.53	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	21.45	/	/	<=30	Pass
		Outer_Full	22.18	/	/	21.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Inner_Full	23.56	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Left	19.81	/	/	19.41	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	20.92	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.17	/	/	<=30	Pass
	3500.01	Inner_Full	22.99	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Left	21.73	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	21.26	/	/	<=30	Pass
	3525	Outer_Full	22.21	/	/	21.81	/	/	<=30	Pass
		Inner_Full	23.21	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Left	21.37	/	/	20.97	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Right	21.87	/	/	21.47	/	/	<=30	Pass
		Outer_Full	22.15	/	/	21.75	/	/	<=30	Pass
		Inner_Full	23.08	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	22.99	/	/	<=30	Pass
		Edge_1RB_Left	19.63	/	/	19.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	21.28	/	/	20.88	/	/	<=30	Pass
		Outer_Full	21.21	/	/	20.81	/	/	<=30	Pass
		Inner_Full	21.61	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Left	21.57	/	/	21.17	/	/	<=30	Pass

		Edge_1RB_Right	21.47	/	/	21.07	/	/	<=30	Pass
		Outer_Full	21.70	/	/	21.30	/	/	<=30	Pass
		Inner_Full	21.80	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	21.12	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.34	/	/	20.94	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	21.16	/	/	<=30	Pass
		Outer_Full	21.70	/	/	21.30	/	/	<=30	Pass
		Inner_Full	21.64	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	21.14	/	/	<=30	Pass
	CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	16.96	/	/	16.56	/	/	<=30
Edge_1RB_Right			18.64	/	/	18.24	/	/	<=30	Pass
Outer_Full			18.20	/	/	17.80	/	/	<=30	Pass
Inner_Full			18.53	/	/	18.13	/	/	<=30	Pass
Inner_1RB_Left			17.14	/	/	16.74	/	/	<=30	Pass
Inner_1RB_Right			18.39	/	/	17.99	/	/	<=30	Pass
3500.01		Edge_1RB_Left	19.02	/	/	18.62	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	18.44	/	/	<=30	Pass
		Outer_Full	18.81	/	/	18.41	/	/	<=30	Pass
		Inner_Full	18.79	/	/	18.39	/	/	<=30	Pass
		Inner_1RB_Left	19.02	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	18.41	/	/	<=30	Pass
3525		Edge_1RB_Left	18.62	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	19.00	/	/	18.60	/	/	<=30	Pass
		Outer_Full	18.74	/	/	18.34	/	/	<=30	Pass
		Inner_Full	18.60	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	18.22	/	/	<=30	Pass
		Inner_1RB_Right	19.01	/	/	18.61	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_60MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 60MHz 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	3480	Edge_1RB_Left	20.05	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	21.94	/	/	<=30	Pass
		Outer_Full	24.38	/	/	23.98	/	/	<=30	Pass
		Inner_Full	25.06	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	25.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.66	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	20.72	/	/	<=30	Pass
		Outer_Full	24.67	/	/	24.27	/	/	<=30	Pass
		Inner_Full	25.16	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	25.18	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	24.26	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.93	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	21.40	/	/	<=30	Pass
		Outer_Full	24.58	/	/	24.18	/	/	<=30	Pass
		Inner_Full	25.25	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	24.89	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	20.04	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	21.95	/	/	<=30	Pass
		Outer_Full	23.90	/	/	23.50	/	/	<=30	Pass

		Inner_Full	24.97	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	25.26	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.65	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	20.75	/	/	<=30	Pass
		Outer_Full	24.22	/	/	23.82	/	/	<=30	Pass
		Inner_Full	25.12	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	24.15	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.81	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	21.43	/	/	<=30	Pass
		Outer_Full	24.05	/	/	23.65	/	/	<=30	Pass
		Inner_Full	25.33	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	24.74	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	19.99	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	21.85	/	/	<=30	Pass
		Outer_Full	22.81	/	/	22.41	/	/	<=30	Pass
		Inner_Full	23.98	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	24.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.67	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	20.67	/	/	<=30	Pass
		Outer_Full	23.20	/	/	22.80	/	/	<=30	Pass
		Inner_Full	24.15	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	23.11	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.76	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	21.32	/	/	<=30	Pass
		Outer_Full	22.98	/	/	22.58	/	/	<=30	Pass
		Inner_Full	24.31	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	23.88	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	19.86	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	21.83	/	/	<=30	Pass
		Outer_Full	22.34	/	/	21.94	/	/	<=30	Pass
		Inner_Full	22.53	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	22.78	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.48	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	20.57	/	/	<=30	Pass
		Outer_Full	22.60	/	/	22.20	/	/	<=30	Pass
		Inner_Full	22.60	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	21.59	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.78	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	21.29	/	/	<=30	Pass
		Outer_Full	22.49	/	/	22.09	/	/	<=30	Pass
		Inner_Full	22.76	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	22.23	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	18.95	/	/	18.55	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	20.91	/	/	<=30	Pass
		Outer_Full	20.28	/	/	19.88	/	/	<=30	Pass
		Inner_Full	20.56	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	19.03	/	/	18.63	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	20.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.69	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	19.82	/	/	<=30	Pass

		Outer_Full	20.63	/	/	20.23	/	/	<=30	Pass
		Inner_Full	20.59	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	20.31	/	/	19.91	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.75	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	20.44	/	/	<=30	Pass
		Outer_Full	20.51	/	/	20.11	/	/	<=30	Pass
		Inner_Full	20.79	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	20.39	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	19.87	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	21.88	/	/	<=30	Pass
		Outer_Full	21.82	/	/	21.42	/	/	<=30	Pass
		Inner_Full	23.50	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	23.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.58	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	20.84	/	/	<=30	Pass
		Outer_Full	22.16	/	/	21.76	/	/	<=30	Pass
		Inner_Full	23.59	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	22.75	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.83	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	21.36	/	/	<=30	Pass
		Outer_Full	22.05	/	/	21.65	/	/	<=30	Pass
		Inner_Full	23.79	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	23.13	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	19.90	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	21.88	/	/	<=30	Pass
		Outer_Full	21.77	/	/	21.37	/	/	<=30	Pass
		Inner_Full	22.96	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	23.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.61	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	20.79	/	/	<=30	Pass
		Outer_Full	22.06	/	/	21.66	/	/	<=30	Pass
		Inner_Full	23.05	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	22.13	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.75	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	21.30	/	/	<=30	Pass
		Outer_Full	22.04	/	/	21.64	/	/	<=30	Pass
		Inner_Full	23.23	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	22.97	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	19.83	/	/	19.43	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	21.70	/	/	<=30	Pass
		Outer_Full	21.23	/	/	20.83	/	/	<=30	Pass
		Inner_Full	21.54	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	19.37	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	21.59	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.32	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	20.56	/	/	<=30	Pass
		Outer_Full	21.55	/	/	21.15	/	/	<=30	Pass
		Inner_Full	21.55	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	20.92	/	/	20.52	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.71	/	/	20.31	/	/	<=30	Pass

		Edge 1RB Right	21.61	/	/	21.21	/	/	<=30	Pass	
		Outer Full	21.52	/	/	21.12	/	/	<=30	Pass	
		Inner Full	21.76	/	/	21.36	/	/	<=30	Pass	
		Inner 1RB Left	20.68	/	/	20.28	/	/	<=30	Pass	
		Inner 1RB Right	21.53	/	/	21.13	/	/	<=30	Pass	
CP-OFDM 256 QAM	3480	Edge 1RB Left	16.98	/	/	16.58	/	/	<=30	Pass	
		Edge 1RB Right	19.42	/	/	19.02	/	/	<=30	Pass	
		Outer Full	18.21	/	/	17.81	/	/	<=30	Pass	
		Inner Full	18.62	/	/	18.22	/	/	<=30	Pass	
		Inner 1RB Left	16.99	/	/	16.59	/	/	<=30	Pass	
		Inner 1RB Right	19.43	/	/	19.03	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	18.71	/	/	18.31	/	/	<=30	Pass	
		Edge 1RB Right	18.37	/	/	17.97	/	/	<=30	Pass	
		Outer Full	18.60	/	/	18.20	/	/	<=30	Pass	
		Inner Full	18.51	/	/	18.11	/	/	<=30	Pass	
		Inner 1RB Left	18.78	/	/	18.38	/	/	<=30	Pass	
		Inner 1RB Right	18.31	/	/	17.91	/	/	<=30	Pass	
	3519.99	Edge 1RB Left	18.00	/	/	17.60	/	/	<=30	Pass	
		Edge 1RB Right	18.92	/	/	18.52	/	/	<=30	Pass	
		Outer Full	18.67	/	/	18.27	/	/	<=30	Pass	
		Inner Full	18.80	/	/	18.40	/	/	<=30	Pass	
		Inner 1RB Left	17.96	/	/	17.56	/	/	<=30	Pass	
		Inner 1RB Right	18.94	/	/	18.54	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_80MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	19.80	/	/	19.40	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	20.73	/	/	<=30	Pass
		Outer_Full	24.40	/	/	24.00	/	/	<=30	Pass
		Inner_Full	24.96	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	24.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.57	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	20.77	/	/	<=30	Pass
		Outer_Full	24.64	/	/	24.24	/	/	<=30	Pass
		Inner_Full	25.13	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	24.20	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.97	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	21.53	/	/	<=30	Pass
		Outer_Full	24.72	/	/	24.32	/	/	<=30	Pass
		Inner_Full	25.41	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Left	25.39	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	25.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	19.95	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	20.65	/	/	<=30	Pass
		Outer_Full	24.00	/	/	23.60	/	/	<=30	Pass
		Inner_Full	24.88	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	24.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.62	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	20.77	/	/	<=30	Pass
		Outer_Full	24.08	/	/	23.68	/	/	<=30	Pass

		Inner_Full	25.10	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	24.12	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.80	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	21.53	/	/	<=30	Pass
		Outer_Full	24.16	/	/	23.76	/	/	<=30	Pass
		Inner_Full	25.34	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	25.34	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	24.92	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	19.72	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	20.67	/	/	<=30	Pass
		Outer_Full	22.91	/	/	22.51	/	/	<=30	Pass
		Inner_Full	24.00	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	23.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.42	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	20.67	/	/	<=30	Pass
		Outer_Full	23.03	/	/	22.63	/	/	<=30	Pass
		Inner_Full	24.10	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	23.06	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.74	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	21.47	/	/	<=30	Pass
		Outer_Full	23.14	/	/	22.74	/	/	<=30	Pass
		Inner_Full	24.35	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	24.00	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	19.78	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	20.53	/	/	<=30	Pass
		Outer_Full	22.42	/	/	22.02	/	/	<=30	Pass
		Inner_Full	22.51	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	21.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.36	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	20.58	/	/	<=30	Pass
		Outer_Full	22.51	/	/	22.11	/	/	<=30	Pass
		Inner_Full	22.73	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	21.56	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.72	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	21.36	/	/	<=30	Pass
		Outer_Full	22.72	/	/	22.32	/	/	<=30	Pass
		Inner_Full	22.88	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	22.39	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.86	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Right	20.04	/	/	19.64	/	/	<=30	Pass
		Outer_Full	20.41	/	/	20.01	/	/	<=30	Pass
		Inner_Full	20.53	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	18.58	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	19.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.59	/	/	19.19	/	/	<=30	Pass
		Edge_1RB_Right	20.19	/	/	19.79	/	/	<=30	Pass
		Outer_Full	20.54	/	/	20.14	/	/	<=30	Pass
		Inner_Full	20.62	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	19.59	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	19.79	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.92	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	20.68	/	/	<=30	Pass

		Outer_Full	20.71	/	/	20.31	/	/	<=30	Pass
		Inner_Full	20.91	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	20.57	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	19.97	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	20.76	/	/	<=30	Pass
		Outer_Full	21.92	/	/	21.52	/	/	<=30	Pass
		Inner_Full	23.48	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Left	20.63	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	20.82	/	/	<=30	Pass
	3500.01	Outer_Full	22.04	/	/	21.64	/	/	<=30	Pass
		Inner_Full	23.64	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Left	21.89	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	21.64	/	/	<=30	Pass
	3510	Outer_Full	22.28	/	/	21.88	/	/	<=30	Pass
		Inner_Full	23.87	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	23.38	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	19.92	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	20.70	/	/	<=30	Pass
		Outer_Full	21.94	/	/	21.54	/	/	<=30	Pass
		Inner_Full	23.05	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	22.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.50	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	20.73	/	/	<=30	Pass
		Outer_Full	22.03	/	/	21.63	/	/	<=30	Pass
		Inner_Full	23.12	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	22.14	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.79	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	21.54	/	/	<=30	Pass
		Outer_Full	22.17	/	/	21.77	/	/	<=30	Pass
		Inner_Full	23.36	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	23.08	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	19.67	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	20.56	/	/	<=30	Pass
		Outer_Full	21.38	/	/	20.98	/	/	<=30	Pass
		Inner_Full	21.57	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	19.29	/	/	<=30	Pass
		Inner_1RB_Right	20.90	/	/	20.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.26	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	21.02	/	/	20.62	/	/	<=30	Pass
		Outer_Full	21.49	/	/	21.09	/	/	<=30	Pass
		Inner_Full	21.71	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	20.41	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	20.64	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.59	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	21.38	/	/	<=30	Pass
		Outer_Full	21.75	/	/	21.35	/	/	<=30	Pass
		Inner_Full	21.91	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	21.33	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	17.09	/	/	16.69	/	/	<=30	Pass

		Edge_1RB_Right	18.31	/	/	17.91	/	/	<=30	Pass
		Outer_Full	18.45	/	/	18.05	/	/	<=30	Pass
		Inner_Full	18.65	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Left	16.96	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Right	18.23	/	/	17.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.70	/	/	17.30	/	/	<=30	Pass
		Edge_1RB_Right	18.24	/	/	17.84	/	/	<=30	Pass
		Outer_Full	18.54	/	/	18.14	/	/	<=30	Pass
		Inner_Full	18.85	/	/	18.45	/	/	<=30	Pass
		Inner_1RB_Left	17.73	/	/	17.33	/	/	<=30	Pass
	3510	Inner_1RB_Right	18.37	/	/	17.97	/	/	<=30	Pass
		Edge_1RB_Left	18.99	/	/	18.59	/	/	<=30	Pass
		Edge_1RB_Right	19.15	/	/	18.75	/	/	<=30	Pass
		Outer_Full	18.77	/	/	18.37	/	/	<=30	Pass
		Inner_Full	18.97	/	/	18.57	/	/	<=30	Pass
		Inner_1RB_Left	19.04	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	18.72	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_90MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	8.39	/	/	7.99	/	/	<=30	Pass
		Edge_1RB_Right	8.02	/	/	7.62	/	/	<=30	Pass
		Outer_Full	24.00	/	/	23.60	/	/	<=30	Pass
		Inner_Full	8.73	/	/	8.33	/	/	<=30	Pass
		Inner_1RB_Left	8.65	/	/	8.25	/	/	<=30	Pass
		Inner_1RB_Right	8.83	/	/	8.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.09	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	21.08	/	/	<=30	Pass
		Outer_Full	24.33	/	/	23.93	/	/	<=30	Pass
		Inner_Full	24.96	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	24.05	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	24.99	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Left	21.03	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	21.19	/	/	<=30	Pass
		Outer_Full	24.44	/	/	24.04	/	/	<=30	Pass
		Inner_Full	25.07	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	24.59	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	21.12	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	21.15	/	/	<=30	Pass
		Outer_Full	23.83	/	/	23.43	/	/	<=30	Pass
		Inner_Full	24.89	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	24.59	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.95	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	21.49	/	/	21.09	/	/	<=30	Pass
		Outer_Full	23.93	/	/	23.53	/	/	<=30	Pass
		Inner_Full	24.95	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	24.03	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	24.89	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Left	21.11	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	21.17	/	/	<=30	Pass
		Outer_Full	24.05	/	/	23.65	/	/	<=30	Pass

		Inner_Full	25.06	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	24.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	20.89	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	21.06	/	/	<=30	Pass
		Outer_Full	22.83	/	/	22.43	/	/	<=30	Pass
		Inner_Full	24.16	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.81	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	21.03	/	/	<=30	Pass
		Outer_Full	22.84	/	/	22.44	/	/	<=30	Pass
		Inner_Full	23.89	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.49	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.93	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	21.01	/	/	<=30	Pass
		Outer_Full	22.95	/	/	22.55	/	/	<=30	Pass
		Inner_Full	24.08	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	23.54	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	20.91	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	20.94	/	/	<=30	Pass
		Outer_Full	22.34	/	/	21.94	/	/	<=30	Pass
		Inner_Full	22.63	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	21.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.91	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	20.97	/	/	<=30	Pass
		Outer_Full	22.42	/	/	22.02	/	/	<=30	Pass
		Inner_Full	22.39	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	21.90	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.91	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	20.89	/	/	<=30	Pass
		Outer_Full	22.42	/	/	22.02	/	/	<=30	Pass
		Inner_Full	22.62	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	21.99	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	19.91	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	20.21	/	/	<=30	Pass
		Outer_Full	20.25	/	/	19.85	/	/	<=30	Pass
		Inner_Full	20.39	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	19.88	/	/	19.48	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	20.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.01	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	20.18	/	/	<=30	Pass
		Outer_Full	20.45	/	/	20.05	/	/	<=30	Pass
		Inner_Full	20.32	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	20.04	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Right	20.57	/	/	20.17	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.09	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	20.23	/	/	<=30	Pass
		Outer_Full	20.42	/	/	20.02	/	/	<=30	Pass
		Inner_Full	20.45	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Right	20.61	/	/	20.21	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	21.01	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	21.16	/	/	<=30	Pass

		Outer_Full	21.76	/	/	21.36	/	/	<=30	Pass
		Inner_Full	23.23	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	23.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.03	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	21.05	/	/	<=30	Pass
		Outer_Full	21.82	/	/	21.42	/	/	<=30	Pass
		Inner_Full	23.43	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	23.36	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.03	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	21.19	/	/	<=30	Pass
		Outer_Full	21.98	/	/	21.58	/	/	<=30	Pass
		Inner_Full	23.53	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	23.42	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	20.86	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	21.06	/	/	<=30	Pass
		Outer_Full	21.72	/	/	21.32	/	/	<=30	Pass
		Inner_Full	22.84	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	22.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.98	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	21.05	/	/	<=30	Pass
		Outer_Full	21.84	/	/	21.44	/	/	<=30	Pass
		Inner_Full	22.87	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	22.53	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.89	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	21.49	/	/	21.09	/	/	<=30	Pass
		Outer_Full	21.91	/	/	21.51	/	/	<=30	Pass
		Inner_Full	23.01	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	22.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge_1RB_Left	20.83	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	20.93	/	/	<=30	Pass
		Outer_Full	21.31	/	/	20.91	/	/	<=30	Pass
		Inner_Full	21.30	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	20.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.86	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	20.95	/	/	<=30	Pass
		Outer_Full	21.40	/	/	21.00	/	/	<=30	Pass
		Inner_Full	21.47	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	20.89	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.98	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	20.95	/	/	<=30	Pass
		Outer_Full	21.39	/	/	20.99	/	/	<=30	Pass
		Inner_Full	21.58	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	21.00	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	20.96	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	18.11	/	/	17.71	/	/	<=30	Pass
		Edge_1RB_Right	18.74	/	/	18.34	/	/	<=30	Pass
		Outer_Full	18.22	/	/	17.82	/	/	<=30	Pass
		Inner_Full	18.37	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	18.61	/	/	18.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.02	/	/	17.62	/	/	<=30	Pass

		Edge_1RB_Right	18.72	/	/	18.32	/	/	<=30	Pass
		Outer_Full	18.41	/	/	18.01	/	/	<=30	Pass
		Inner_Full	18.40	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	18.06	/	/	17.66	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	18.23	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	18.17	/	/	17.77	/	/	<=30	Pass
		Edge_1RB_Right	18.72	/	/	18.32	/	/	<=30	Pass
		Outer_Full	18.33	/	/	17.93	/	/	<=30	Pass
		Inner_Full	18.47	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Left	18.13	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	18.23	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_100MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	20.91	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	21.57	/	/	21.17	/	/	<=30	Pass
		Outer Full	24.32	/	/	23.92	/	/	<=30	Pass
		Inner Full	24.90	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Left	24.52	/	/	24.12	/	/	<=30	Pass
		Inner 1RB Right	25.00	/	/	24.60	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	20.88	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	21.53	/	/	21.13	/	/	<=30	Pass
		Outer Full	23.88	/	/	23.48	/	/	<=30	Pass
		Inner Full	24.94	/	/	24.54	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	24.06	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	24.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	20.97	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	21.48	/	/	21.08	/	/	<=30	Pass
		Outer Full	22.88	/	/	22.48	/	/	<=30	Pass
		Inner Full	23.97	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	22.91	/	/	<=30	Pass
		Inner 1RB Right	23.95	/	/	23.55	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge 1RB Left	20.73	/	/	20.33	/	/	<=30	Pass
		Edge 1RB Right	21.44	/	/	21.04	/	/	<=30	Pass
		Outer Full	22.39	/	/	21.99	/	/	<=30	Pass
		Inner Full	22.52	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Left	21.74	/	/	21.34	/	/	<=30	Pass
		Inner 1RB Right	22.33	/	/	21.93	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge 1RB Left	20.04	/	/	19.64	/	/	<=30	Pass
		Edge 1RB Right	20.58	/	/	20.18	/	/	<=30	Pass
		Outer Full	20.34	/	/	19.94	/	/	<=30	Pass
		Inner Full	20.48	/	/	20.08	/	/	<=30	Pass
		Inner 1RB Left	20.11	/	/	19.71	/	/	<=30	Pass
		Inner 1RB Right	20.57	/	/	20.17	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge 1RB Left	21.08	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	21.54	/	/	21.14	/	/	<=30	Pass
		Outer Full	21.88	/	/	21.48	/	/	<=30	Pass
		Inner Full	23.39	/	/	22.99	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Right	23.75	/	/	23.35	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge 1RB Left	20.95	/	/	20.55	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	21.12	/	/	<=30	Pass
		Outer Full	21.84	/	/	21.44	/	/	<=30	Pass

		Inner_Full	22.91	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	22.55	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.84	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	20.96	/	/	<=30	Pass
		Outer_Full	21.35	/	/	20.95	/	/	<=30	Pass
		Inner_Full	21.40	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	20.96	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	18.24	/	/	17.84	/	/	<=30	Pass
		Edge_1RB_Right	18.69	/	/	18.29	/	/	<=30	Pass
		Outer_Full	18.39	/	/	17.99	/	/	<=30	Pass
		Inner_Full	18.47	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	18.41	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_10MHz

5G NR n77d SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass

			20	NV	-14.90	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-15.80	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-16.80	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-12.80	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-9.40	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-12.60	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-12.00	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-13.10	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-11.80	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-15.60	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-15.90	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-10.80	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.90	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-9.50	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	50	NV	-11.20	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-12.40	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-14.90	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-11.80	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.70	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-10.90	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-13.60	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-12.00	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.50	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.30	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	40	NV	-11.30	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-7.60	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-11.40	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-8.80	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-9.00	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-14.10	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-12.50	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.20	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-10.10	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-13.10	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	30	NV	-11.70	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-16.90	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-10.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-11.80	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-10.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-4.70	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.10	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-11.90	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-12.20	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-13.60	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	NV	-12.20	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-10.30	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-9.70	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-10.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-13.80	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-9.00	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-9.00	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-13.40	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-14.60	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-9.60	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-12.40	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-15.40	-0.0044	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-12.30	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.10	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-11.50	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass

2.1.2 30k_SISO_15MHz

5G NR n77d SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	10	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass

			20	NV	-11.70	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-10.70	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-13.80	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-13.50	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-15.00	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-8.00	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-12.80	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-10.70	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-12.50	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-14.90	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-13.50	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-12.30	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-11.20	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-10.40	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-9.40	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-9.40	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-11.80	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-15.30	-0.0044	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-12.00	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-12.60	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-9.80	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-6.50	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-16.60	-0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-12.50	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-8.70	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-9.80	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-13.50	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-10.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-11.20	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.60	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-12.00	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-12.00	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-11.50	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.00	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-14.00	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-15.20	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-8.40	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-10.80	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-12.20	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-10.70	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-11.00	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.50	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-9.50	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-10.30	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-11.50	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.50	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-14.60	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-9.90	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-8.40	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-5.60	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-11.40	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-13.40	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-13.10	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-17.80	-0.0051	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-7.10	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-7.60	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-9.70	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-15.20	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-13.70	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

2.1.3 30k_SISO_20MHz

5G NR n77d SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass

			30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-16.60	-0.0047	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			20	LV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-15.30	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			50	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			20	LV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass

2.1.4 30k_SISO_40MHz

5G NR n77d SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass

			-10	NV	-9.80	-0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-8.30	-0.0024	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-9.60	-0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-11.50	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-15.50	-0.0044	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-8.60	-0.0025	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-12.10	-0.0035	$>=-2.5 \ \& \ <=2.5$	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-6.90	-0.0020	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-12.20	-0.0035	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-12.00	-0.0034	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-12.10	-0.0035	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-18.80	-0.0054	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-12.90	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-9.50	-0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-12.70	-0.0036	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-11.30	-0.0032	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-13.90	-0.0040	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-14.00	-0.0040	$>=-2.5 \ \& \ <=2.5$	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-9.00	-0.0026	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-8.00	-0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-9.00	-0.0026	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-9.20	-0.0026	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-8.90	-0.0025	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-11.70	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-9.50	-0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-6.50	-0.0019	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-8.50	-0.0024	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-12.20	-0.0035	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-7.20	-0.0021	$>=-2.5 \ \& \ <=2.5$	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-13.20	-0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-14.30	-0.0041	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-9.80	-0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-6.80	-0.0019	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-13.10	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-7.90	-0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-6.20	-0.0018	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-9.80	-0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-10.70	-0.0031	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-7.10	-0.0020	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-8.50	-0.0024	$>=-2.5 \ \& \ <=2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-7.40	-0.0021	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-8.60	-0.0025	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-9.90	-0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-6.10	-0.0017	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-10.30	-0.0029	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-14.50	-0.0041	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-11.20	-0.0032	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-11.80	-0.0034	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-12.80	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-13.20	-0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-13.40	-0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-11.40	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-11.40	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	-14.20	-0.0041	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-7.60	-0.0022	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-11.50	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-11.50	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-12.40	-0.0035	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-13.10	-0.0037	$>=-2.5 \ \& \ <=2.5$	Pass

			30	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass

2.1.5 30k_SISO_50MHz

5G NR n77d SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass

			-10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			20	LV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-16.90	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			20	LV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	30	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			20	LV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-17.30	-0.0049	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	LV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass

			30	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass

2.1.6 30k_SISO_60MHz

5G NR n77d SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-16.90	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-15.90	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-15.30	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
				LV	-15.30	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass

			-10	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	50	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			20	LV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	40	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			20	LV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	30	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			20	LV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-19.70	-0.0056	>=-2.5 & <=2.5	Pass
			10	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			20	LV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass

CP-OFDM 256 QAM	3500.01	Outer_Full	30	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	LV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_80MHz

5G NR n77d SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-15.90	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-17.10	-0.0049	>=-2.5 & <=2.5	Pass
			40	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-17.70	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-16.00	-0.0046	>=-2.5 & <=2.5	Pass
			20	LV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass

			-10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	LV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-19.20	-0.0055	>=-2.5 & <=2.5	Pass
			20	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			20	LV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			10	NV	-17.00	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			20	LV	4.40	0.0013	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			20	LV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass

			30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass

2.1.8 30k_SISO_90MHz

5G NR n77d SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-16.00	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
				LV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-30	HV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
				NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass

			-10	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	50	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			20	LV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-16.20	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	40	NV	-17.60	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			20	LV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	30	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			20	LV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass

2.1.9 30k_SISO_100MHz

5G NR n77d SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	

DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			0	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-15.00	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass

			-10	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			20	LV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
			20	LV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n77d SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3455.01	Outer_Full	8.68	9.54	/	Pass
	3500.01	Outer_Full	8.67	9.59	/	Pass
	3544.98	Outer_Full	8.65	9.57	/	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	8.65	9.54	/	Pass
	3500.01	Outer_Full	8.68	9.52	/	Pass
	3544.98	Outer_Full	8.66	9.54	/	Pass

DFT-s-OFDM 16 QAM	3455.01	Outer_Full	8.64	9.54	/	Pass
	3500.01	Outer_Full	8.62	9.54	/	Pass
	3544.98	Outer_Full	8.62	9.48	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	8.64	9.51	/	Pass
	3500.01	Outer_Full	8.66	9.63	/	Pass
	3544.98	Outer_Full	8.65	9.47	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	8.68	9.48	/	Pass
	3500.01	Outer_Full	8.68	9.57	/	Pass
	3544.98	Outer_Full	8.67	9.52	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.66	9.62	/	Pass
	3500.01	Outer_Full	8.65	9.50	/	Pass
	3544.98	Outer_Full	8.65	9.62	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.66	9.55	/	Pass
	3500.01	Outer_Full	8.64	9.54	/	Pass
	3544.98	Outer_Full	8.66	9.60	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.64	9.53	/	Pass
	3500.01	Outer_Full	8.67	9.52	/	Pass
	3544.98	Outer_Full	8.66	9.48	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.66	9.62	/	Pass
	3500.01	Outer_Full	8.70	9.60	/	Pass
	3544.98	Outer_Full	8.67	9.59	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n77d SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3457.5	Outer_Full	13.08	14.20	/	Pass
	3500.01	Outer_Full	13.09	14.15	/	Pass
	3542.49	Outer_Full	13.05	14.14	/	Pass
DFT-s-OFDM QPSK	3457.5	Outer_Full	13.05	14.19	/	Pass
	3500.01	Outer_Full	13.06	14.21	/	Pass
	3542.49	Outer_Full	13.07	14.28	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.04	14.14	/	Pass
	3500.01	Outer_Full	13.02	14.18	/	Pass
	3542.49	Outer_Full	13.03	14.13	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.02	14.05	/	Pass
	3500.01	Outer_Full	13.02	14.11	/	Pass
	3542.49	Outer_Full	13.02	14.08	/	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.02	14.18	/	Pass
	3500.01	Outer_Full	13.03	14.18	/	Pass
	3542.49	Outer_Full	13.03	14.13	/	Pass
CP-OFDM QPSK	3457.5	Outer_Full	13.82	20.07	/	Pass
	3500.01	Outer_Full	13.81	19.69	/	Pass
	3542.49	Outer_Full	13.86	20.66	/	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	13.66	14.79	/	Pass
	3500.01	Outer_Full	13.68	14.86	/	Pass
	3542.49	Outer_Full	13.68	14.88	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	13.76	14.87	/	Pass
	3500.01	Outer_Full	13.77	14.87	/	Pass
	3542.49	Outer_Full	13.76	14.86	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	13.75	14.90	/	Pass
	3500.01	Outer_Full	13.72	14.90	/	Pass
	3542.49	Outer_Full	13.77	14.88	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n77d SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	18.09	19.45	/	Pass
	3500.01	Outer_Full	18.06	19.47	/	Pass
	3540	Outer_Full	18.06	19.54	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.06	19.45	/	Pass
	3500.01	Outer_Full	18.04	19.52	/	Pass
	3540	Outer_Full	18.05	19.48	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.06	19.50	/	Pass
	3500.01	Outer_Full	18.07	19.48	/	Pass
	3540	Outer_Full	18.04	19.43	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.03	19.34	/	Pass
	3500.01	Outer_Full	18.03	19.45	/	Pass
	3540	Outer_Full	18.02	19.36	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.09	19.42	/	Pass
	3500.01	Outer_Full	18.05	19.48	/	Pass
	3540	Outer_Full	18.07	19.50	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.35	19.81	/	Pass
	3500.01	Outer_Full	18.34	19.79	/	Pass
	3540	Outer_Full	18.34	19.82	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.36	19.85	/	Pass
	3500.01	Outer_Full	18.35	19.86	/	Pass
	3540	Outer_Full	18.36	19.84	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.42	19.78	/	Pass
	3500.01	Outer_Full	18.36	19.71	/	Pass
	3540	Outer_Full	18.42	19.77	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.39	19.83	/	Pass
	3500.01	Outer_Full	18.38	19.86	/	Pass
	3540	Outer_Full	18.36	19.77	/	Pass

3.1.4 30k_SISO_40MHz_NTN

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	3470.01	Outer_Full	36.10	38.72	/	Pass
	3500.01	Outer_Full	36.09	38.66	/	Pass
	3529.98	Outer_Full	36.10	38.70	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.12	38.78	/	Pass
	3500.01	Outer_Full	36.07	38.72	/	Pass
	3529.98	Outer_Full	36.10	38.72	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.07	38.78	/	Pass
	3500.01	Outer_Full	36.08	38.83	/	Pass
	3529.98	Outer_Full	36.08	38.81	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.00	38.72	/	Pass
	3500.01	Outer_Full	36.01	38.69	/	Pass
	3529.98	Outer_Full	35.98	38.73	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.07	38.69	/	Pass
	3500.01	Outer_Full	36.07	38.67	/	Pass
	3529.98	Outer_Full	36.11	38.75	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.16	40.79	/	Pass
	3500.01	Outer_Full	38.09	40.88	/	Pass
	3529.98	Outer_Full	38.07	40.86	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.20	40.87	/	Pass
	3500.01	Outer_Full	38.20	40.77	/	Pass
	3529.98	Outer_Full	38.20	40.84	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.16	40.79	/	Pass

CP-OFDM 256 QAM	3500.01	Outer_Full	38.17	40.96	/	Pass
	3529.98	Outer_Full	38.15	40.95	/	Pass
	3470.01	Outer_Full	38.11	40.76	/	Pass
	3500.01	Outer_Full	38.13	40.81	/	Pass
	3529.98	Outer_Full	38.13	40.80	/	Pass

3.1.5 30k_SISO_50MHz_NTNV

5G NR n77d SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	46.02	49.13	/	Pass
	3500.01	Outer_Full	46.05	49.12	/	Pass
	3525	Outer_Full	46.05	49.21	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	46.16	49.42	/	Pass
	3500.01	Outer_Full	46.19	49.41	/	Pass
	3525	Outer_Full	46.05	49.42	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	46.11	49.45	/	Pass
	3500.01	Outer_Full	46.18	49.47	/	Pass
	3525	Outer_Full	46.13	49.44	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	46.10	49.32	/	Pass
	3500.01	Outer_Full	46.02	49.32	/	Pass
	3525	Outer_Full	46.08	49.38	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	46.12	49.47	/	Pass
	3500.01	Outer_Full	46.16	49.45	/	Pass
	3525	Outer_Full	46.14	49.38	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	47.85	51.10	/	Pass
	3500.01	Outer_Full	47.88	51.16	/	Pass
	3525	Outer_Full	47.90	51.22	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	47.98	51.27	/	Pass
	3500.01	Outer_Full	47.99	51.21	/	Pass
	3525	Outer_Full	47.98	51.26	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	47.80	51.16	/	Pass
	3500.01	Outer_Full	47.81	51.11	/	Pass
	3525	Outer_Full	47.83	51.13	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	47.81	51.18	/	Pass
	3500.01	Outer_Full	47.79	51.07	/	Pass
	3525	Outer_Full	47.80	51.16	/	Pass

3.1.6 30k_SISO_60MHz_NTNV

5G NR n77d SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3480	Outer_Full	58.18	62.00	/	Pass
	3500.01	Outer_Full	58.23	62.02	/	Pass
	3519.99	Outer_Full	58.24	62.07	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	58.37	62.37	/	Pass
	3500.01	Outer_Full	58.38	62.38	/	Pass
	3519.99	Outer_Full	58.30	62.36	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.30	62.32	/	Pass
	3500.01	Outer_Full	58.31	62.36	/	Pass
	3519.99	Outer_Full	58.15	62.29	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	58.14	62.16	/	Pass
	3500.01	Outer_Full	58.31	62.17	/	Pass
	3519.99	Outer_Full	58.20	62.10	/	Pass

DFT-s-OFDM 256 QAM	3480	Outer_Full	58.11	62.10	/	Pass
	3500.01	Outer_Full	58.06	62.17	/	Pass
	3519.99	Outer_Full	58.22	62.21	/	Pass
CP-OFDM QPSK	3480	Outer_Full	58.13	62.09	/	Pass
	3500.01	Outer_Full	58.24	62.11	/	Pass
	3519.99	Outer_Full	58.36	62.03	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.14	62.21	/	Pass
	3500.01	Outer_Full	58.10	62.13	/	Pass
	3519.99	Outer_Full	58.07	62.10	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	58.37	62.31	/	Pass
	3500.01	Outer_Full	58.17	62.10	/	Pass
	3519.99	Outer_Full	58.26	62.23	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.14	62.21	/	Pass
	3500.01	Outer_Full	58.19	62.23	/	Pass
	3519.99	Outer_Full	58.24	62.15	/	Pass

3.1.7 30k_SISO_80MHz_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	3490.02	Outer_Full	77.70	82.71	/	Pass
	3500.01	Outer_Full	77.72	82.42	/	Pass
	3510	Outer_Full	77.49	82.71	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	77.72	83.20	/	Pass
	3500.01	Outer_Full	77.61	82.75	/	Pass
	3510	Outer_Full	77.68	82.74	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	77.78	83.04	/	Pass
	3500.01	Outer_Full	77.78	82.95	/	Pass
	3510	Outer_Full	77.83	83.03	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.61	83.05	/	Pass
	3500.01	Outer_Full	77.68	82.82	/	Pass
	3510	Outer_Full	77.81	82.84	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	78.02	83.06	/	Pass
	3500.01	Outer_Full	77.85	83.26	/	Pass
	3510	Outer_Full	77.67	82.75	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	78.24	83.28	/	Pass
	3500.01	Outer_Full	77.77	82.91	/	Pass
	3510	Outer_Full	78.22	83.21	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	77.97	83.26	/	Pass
	3500.01	Outer_Full	78.17	83.18	/	Pass
	3510	Outer_Full	78.02	83.26	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	78.09	83.53	/	Pass
	3500.01	Outer_Full	78.17	83.16	/	Pass
	3510	Outer_Full	78.05	83.41	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	77.88	83.30	/	Pass
	3500.01	Outer_Full	77.97	83.06	/	Pass
	3510	Outer_Full	77.85	82.88	/	Pass

3.1.8 30k_SISO_90MHz_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	3495	Outer_Full	87.33	92.91	/	Pass
	3500.01	Outer_Full	87.48	92.98	/	Pass

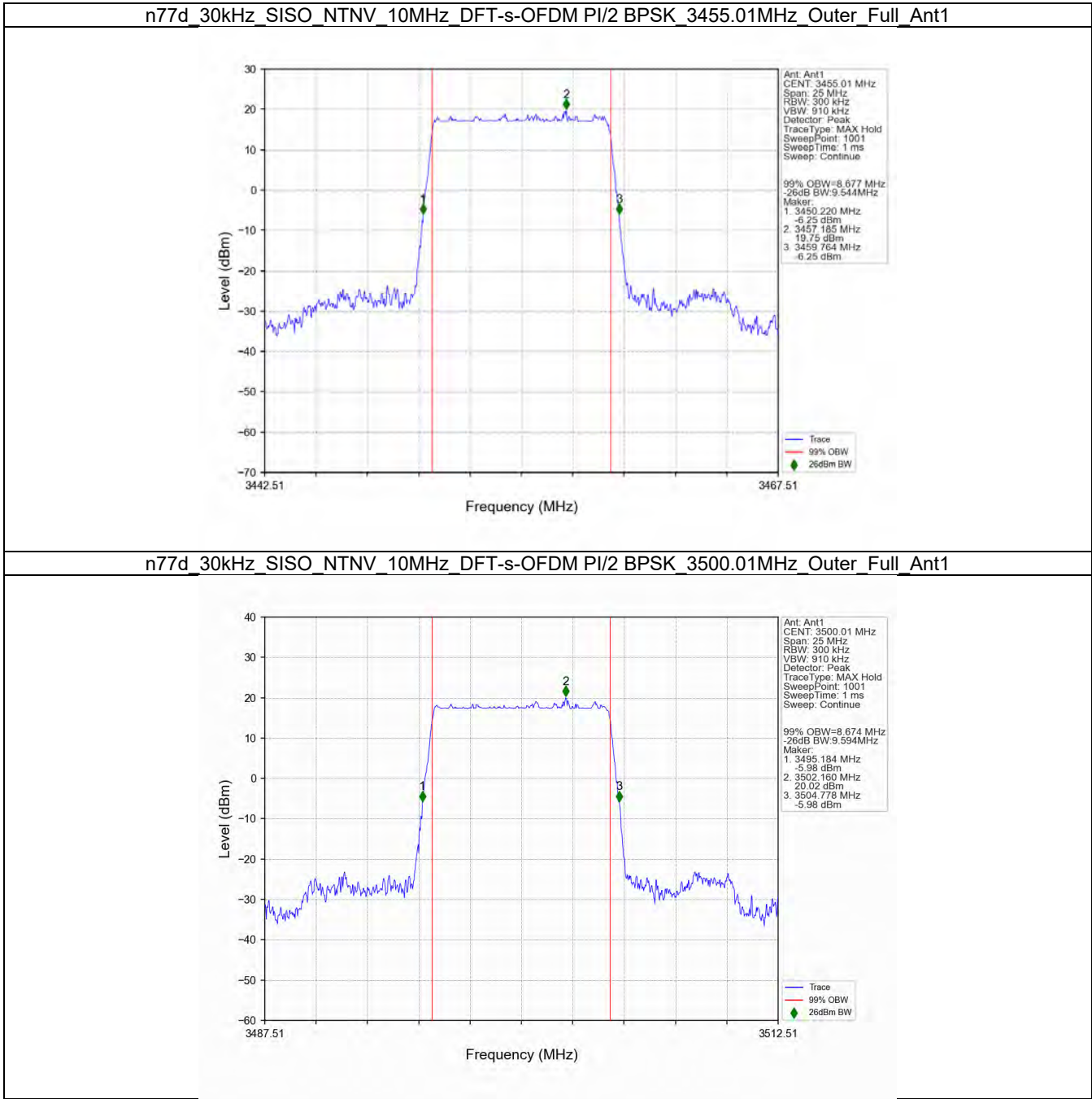
	3504.99	Outer_Full	87.44	92.97	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	87.20	93.10	/	Pass
	3500.01	Outer_Full	87.37	92.84	/	Pass
	3504.99	Outer_Full	87.34	93.06	/	Pass
	3495	Outer_Full	87.27	93.29	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.13	93.04	/	Pass
	3504.99	Outer_Full	87.31	92.97	/	Pass
	3495	Outer_Full	87.38	92.84	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.19	93.31	/	Pass
	3504.99	Outer_Full	87.12	93.06	/	Pass
	3495	Outer_Full	87.33	93.62	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.57	93.05	/	Pass
	3504.99	Outer_Full	87.41	93.04	/	Pass
	3495	Outer_Full	87.99	93.75	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.88	93.62	/	Pass
	3504.99	Outer_Full	87.96	94.05	/	Pass
	3495	Outer_Full	88.03	94.08	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	88.06	93.85	/	Pass
	3504.99	Outer_Full	88.11	93.50	/	Pass
	3495	Outer_Full	88.18	93.99	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	88.04	93.74	/	Pass
	3504.99	Outer_Full	87.90	93.81	/	Pass
	3495	Outer_Full	87.64	93.58	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.85	93.76	/	Pass
	3504.99	Outer_Full	88.04	93.49	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

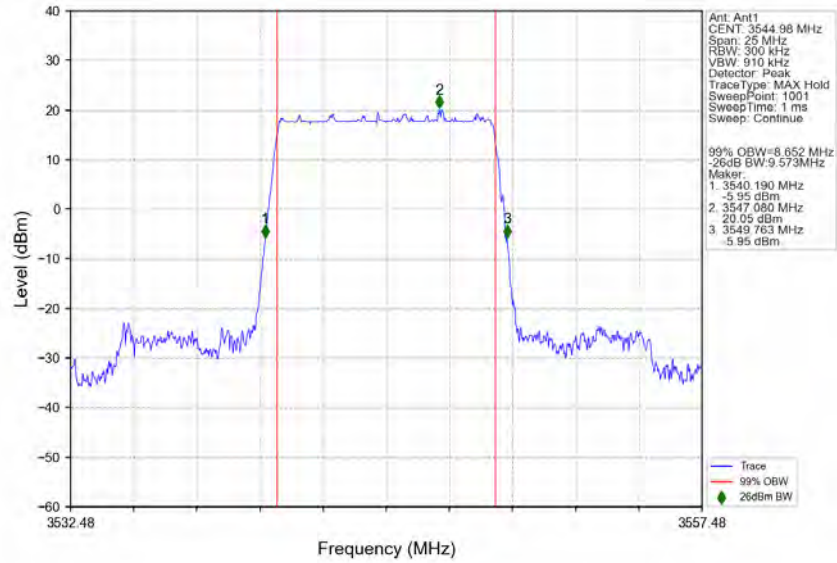
5G NR n77d SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.02	103.57	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.06	103.49	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.06	103.62	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.08	103.53	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	97.11	103.64	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.12	104.69	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.86	104.51	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.01	104.59	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	98.16	104.62	/	Pass

3.2 Test Graph

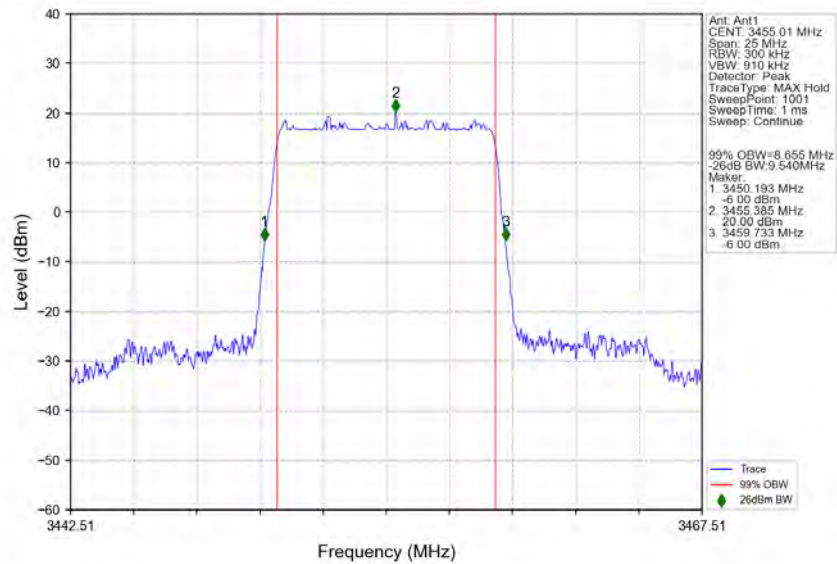
3.2.1 30k_SISO_10MHz_NTNV



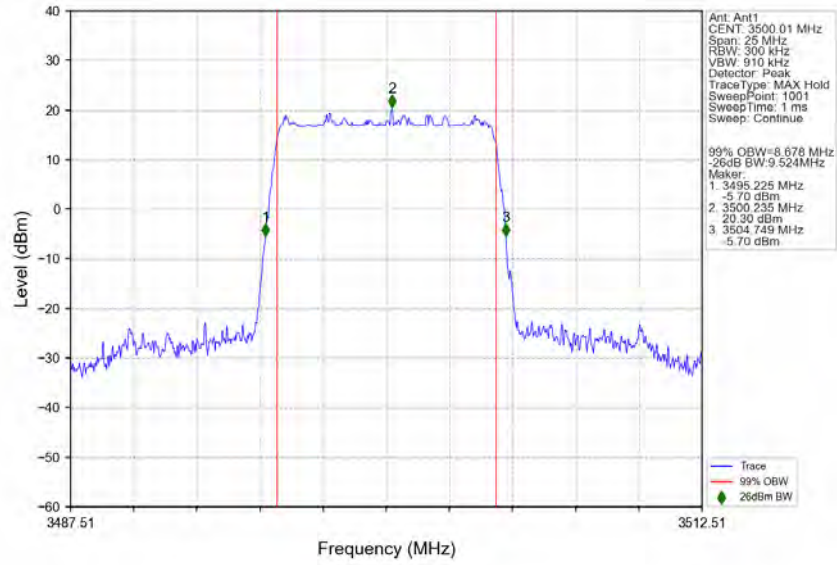
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3544.98MHz_Outer_Full_Ant1



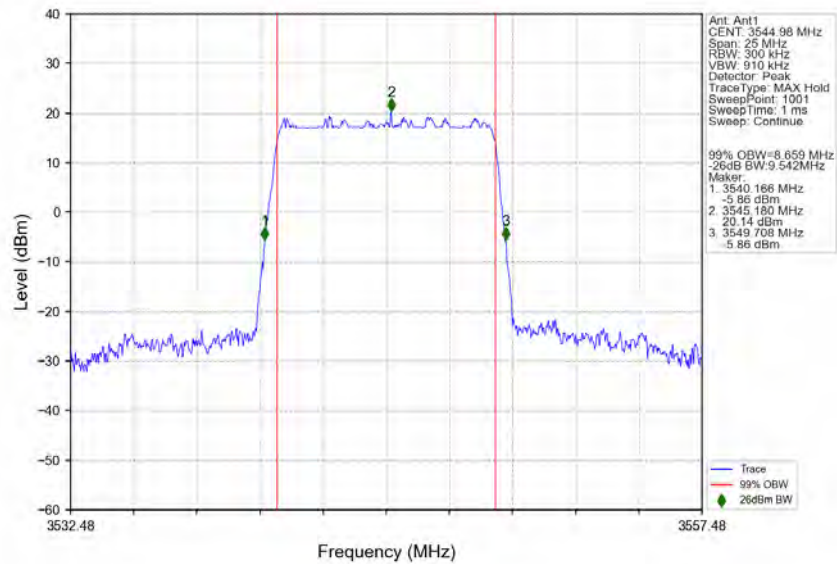
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3455.01MHz_Outer_Full_Ant1



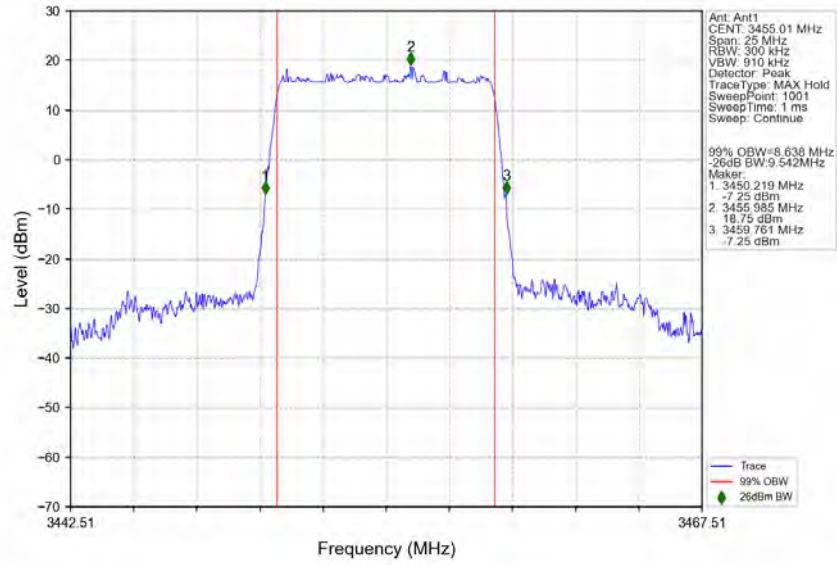
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



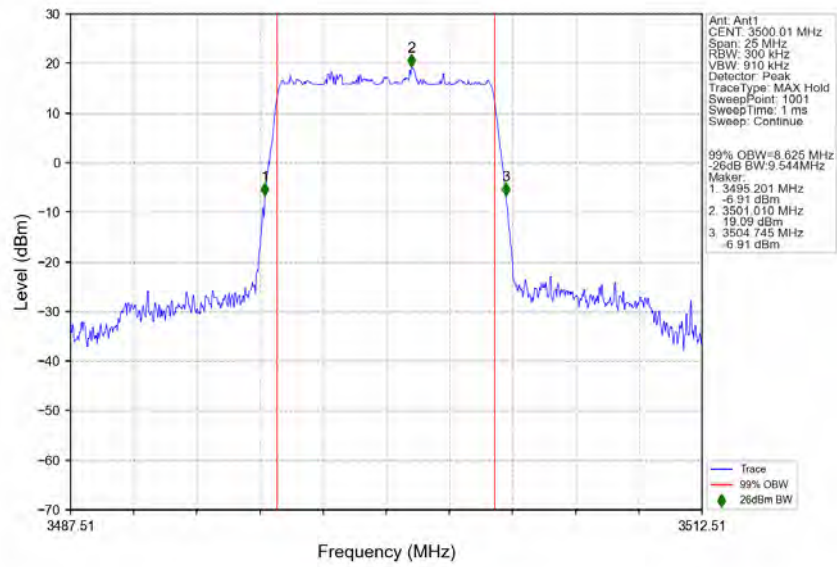
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.98MHz_Outer_Full_Ant1



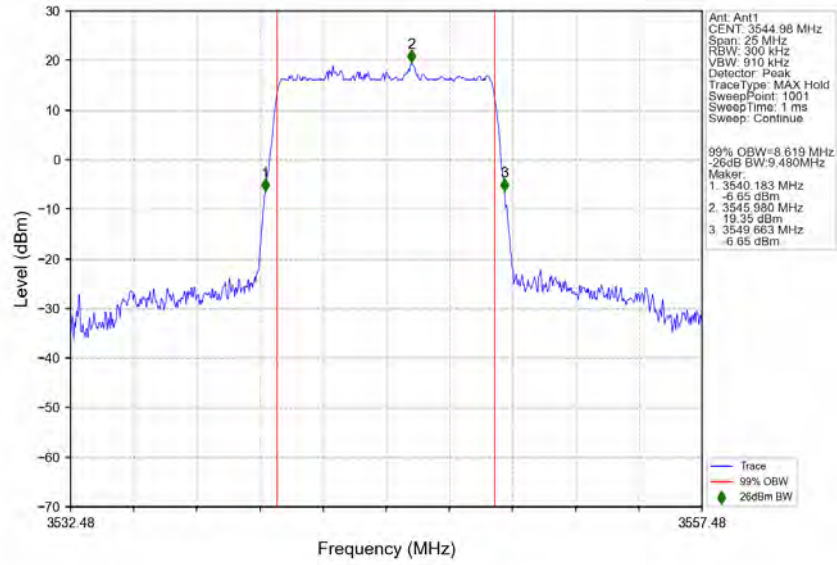
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3455.01MHz_Outer_Full_Ant1



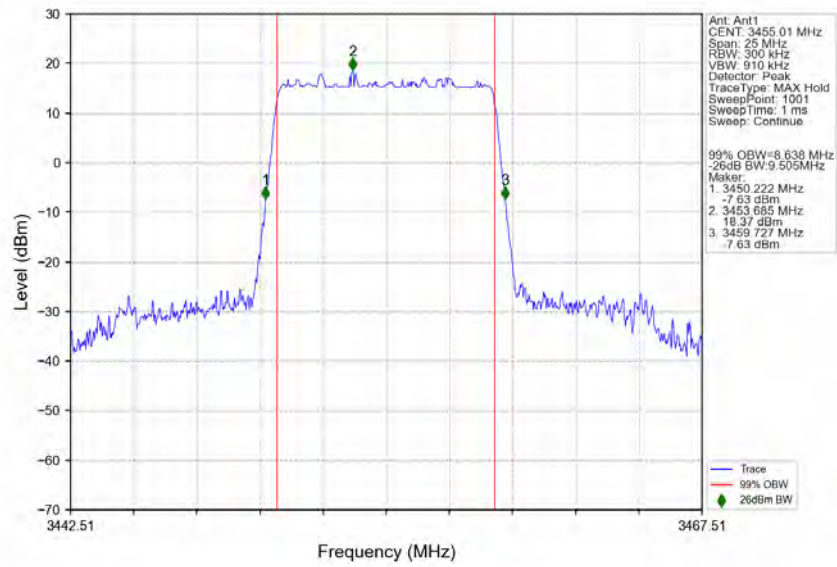
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



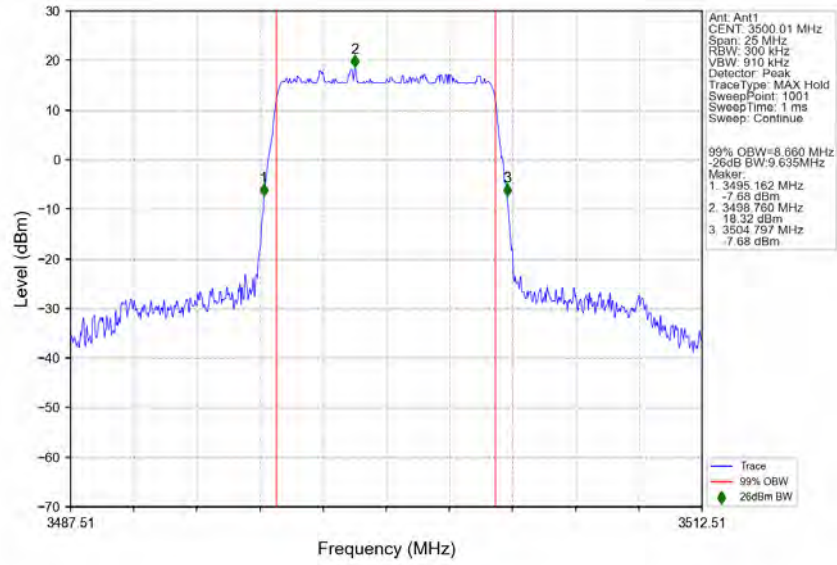
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3544.98MHz_Outer_Full_Ant1



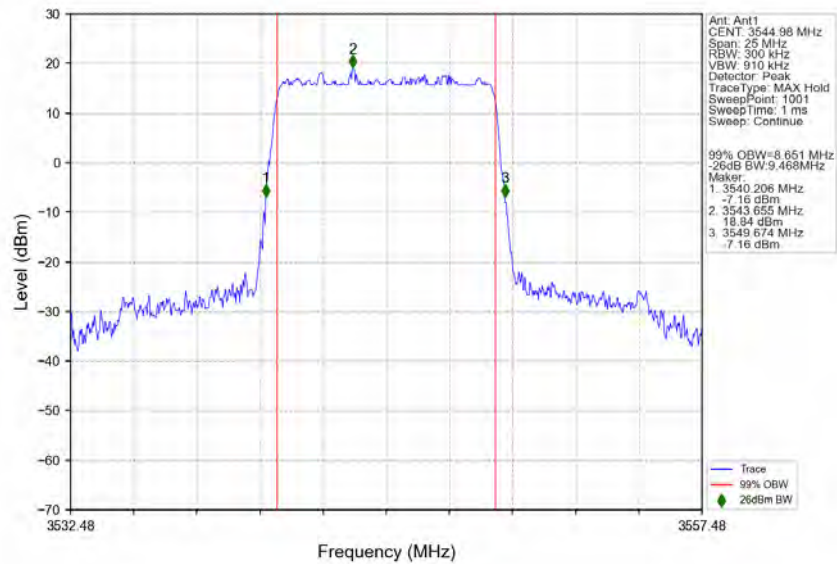
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3455.01MHz_Outer_Full_Ant1



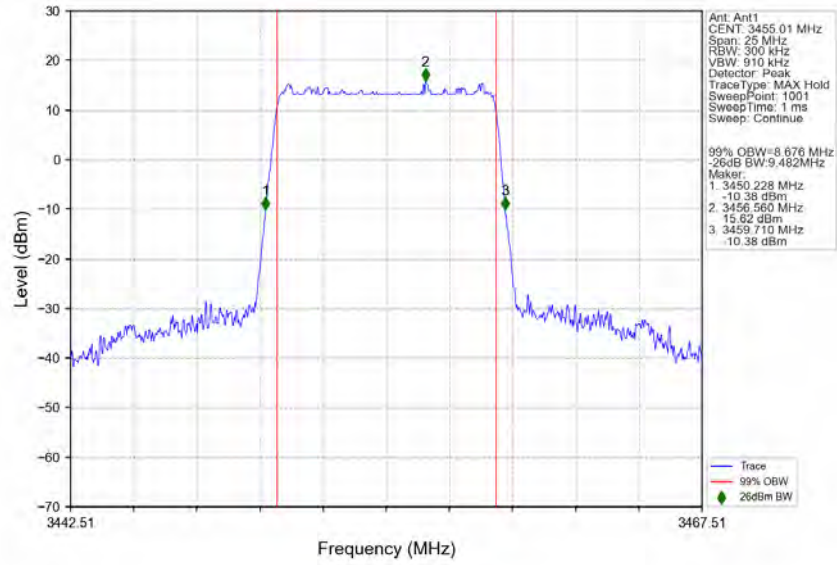
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



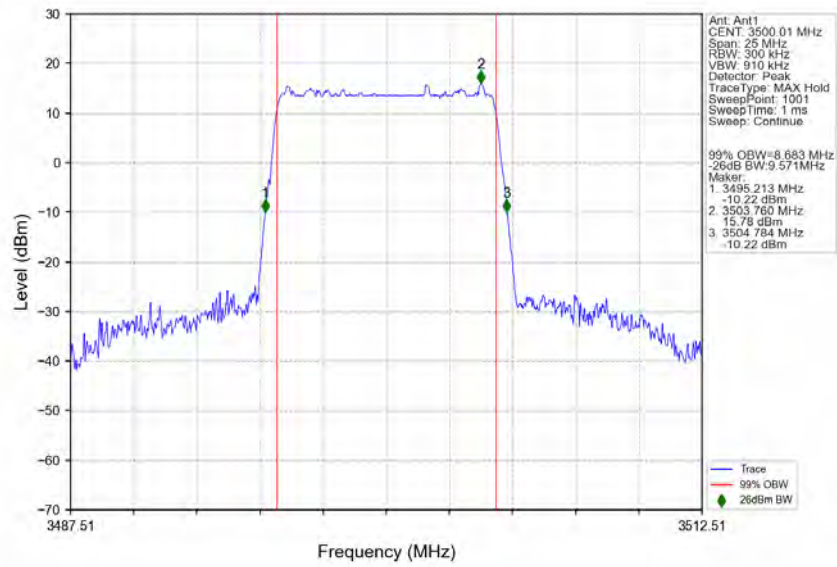
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3544.98MHz_Outer_Full_Ant1



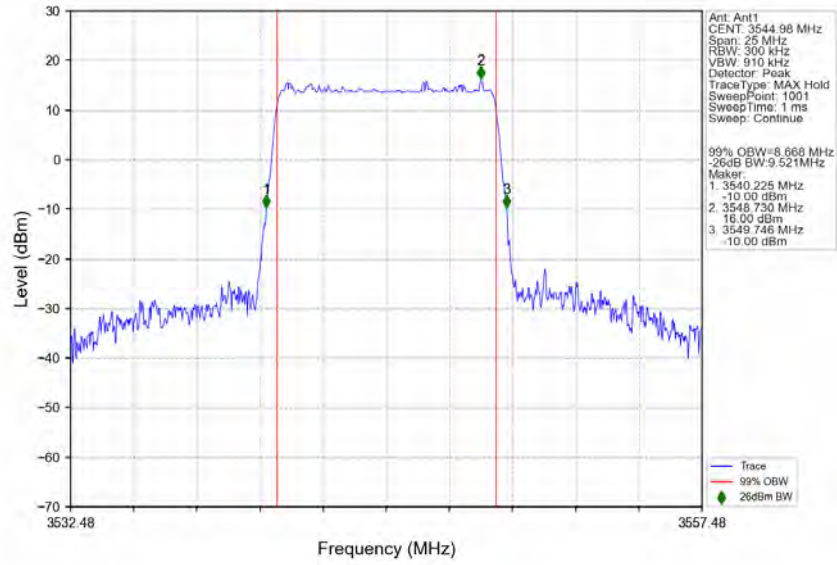
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3455.01MHz_Outer_Full_Ant1



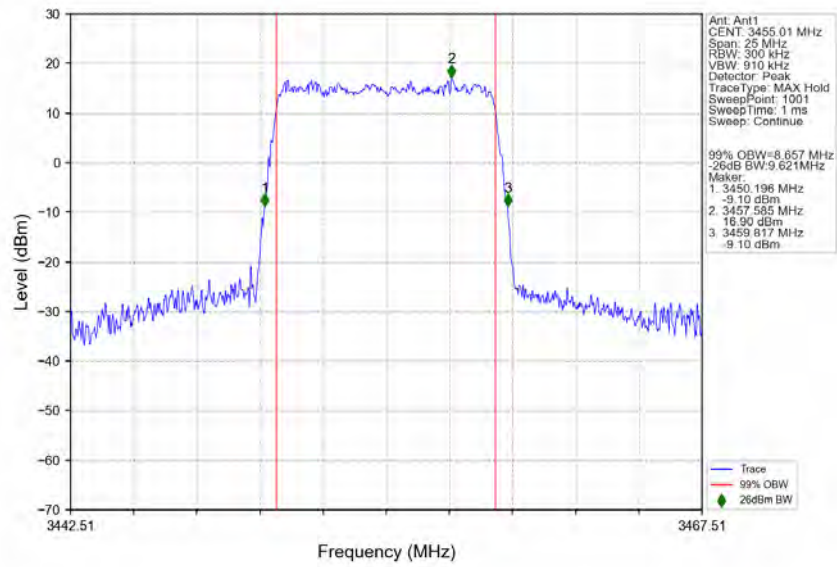
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



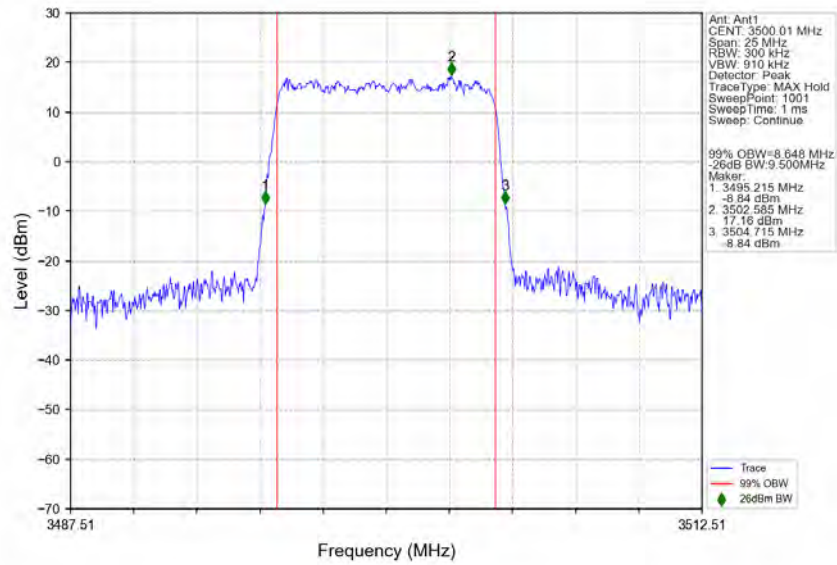
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3544.98MHz_Outer_Full_Ant1



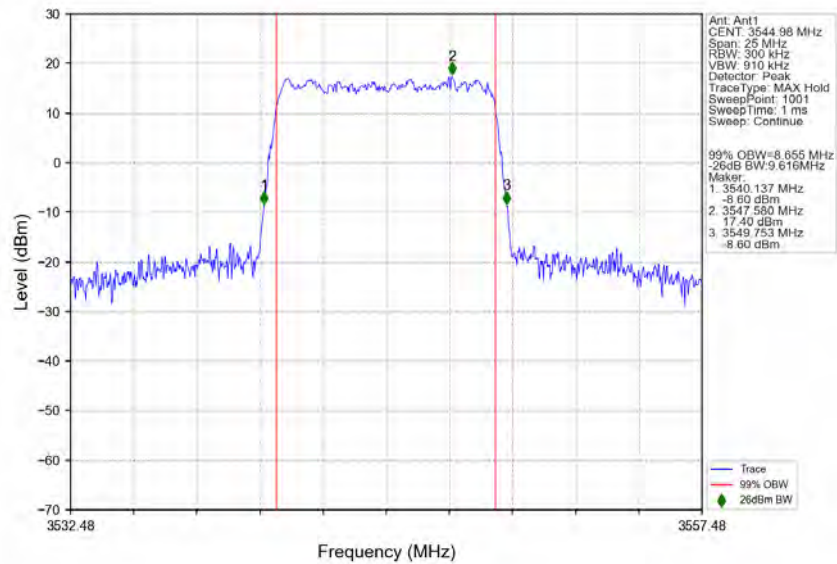
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Outer_Full_Ant1



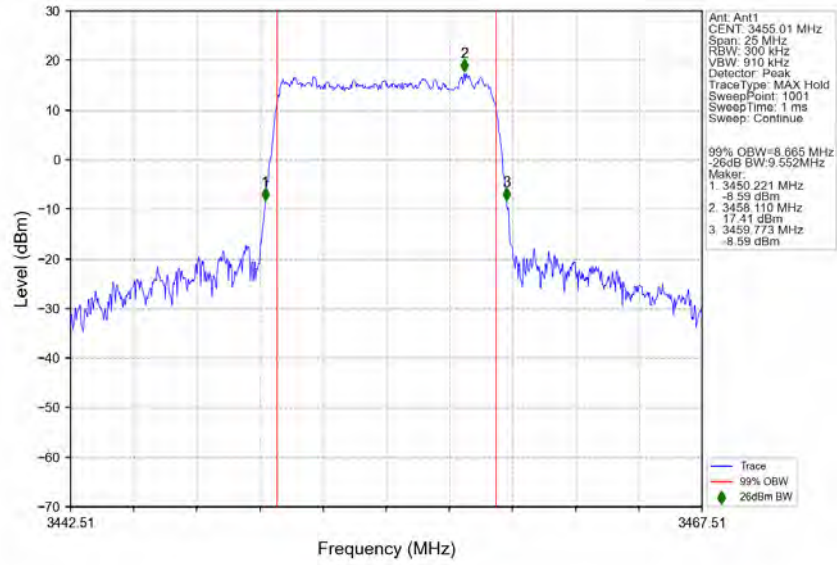
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



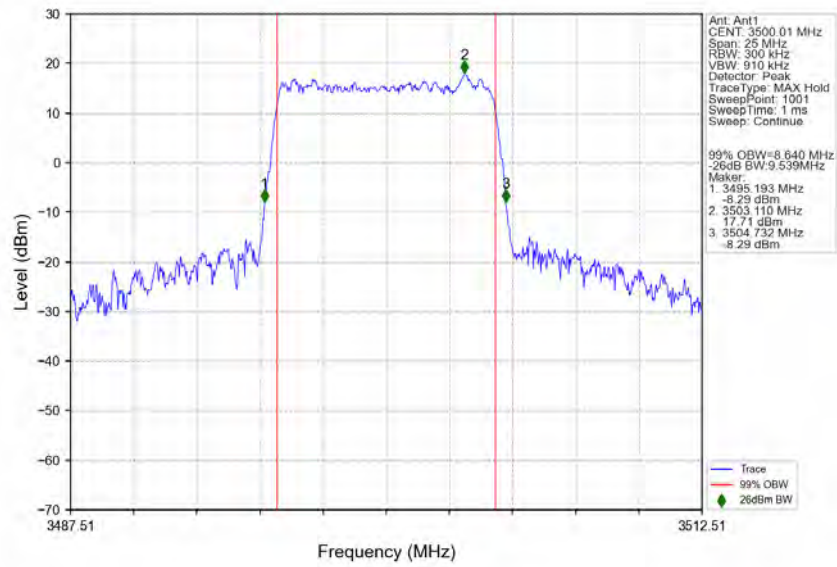
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Outer_Full_Ant1



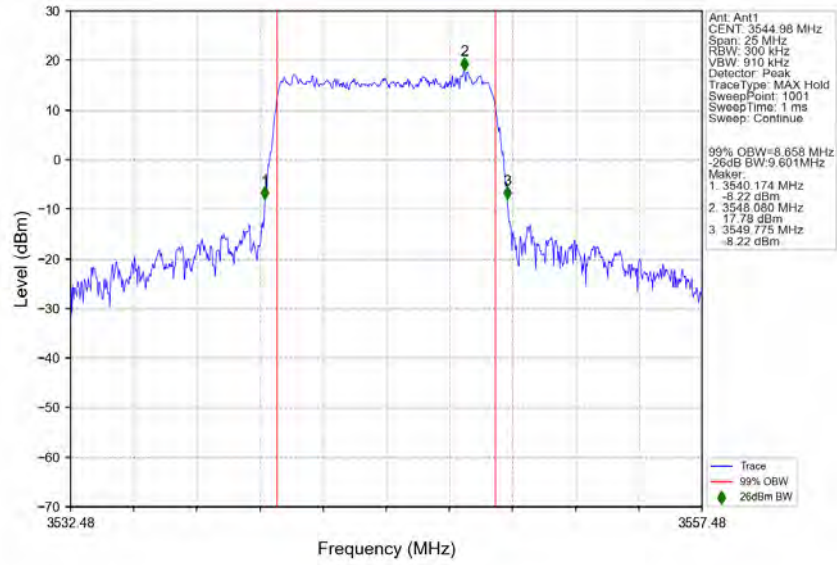
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3455.01MHz_Outer_Full_Ant1



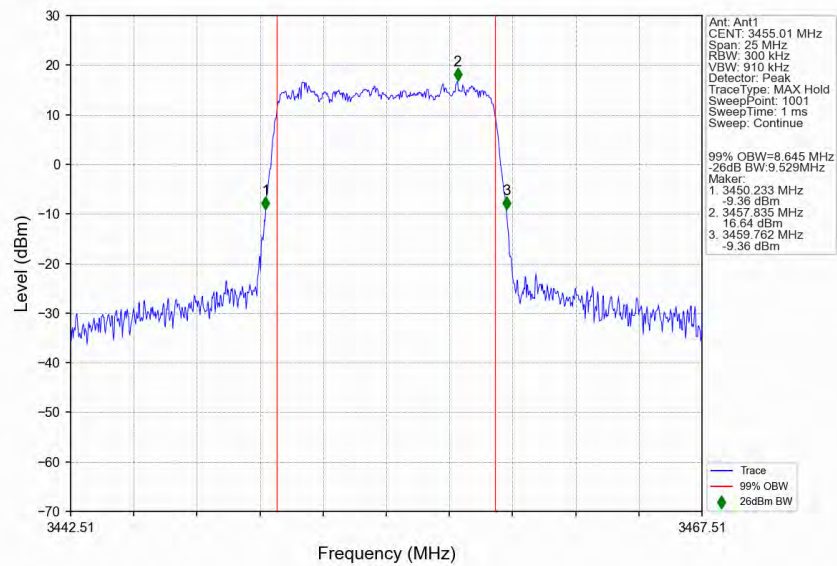
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



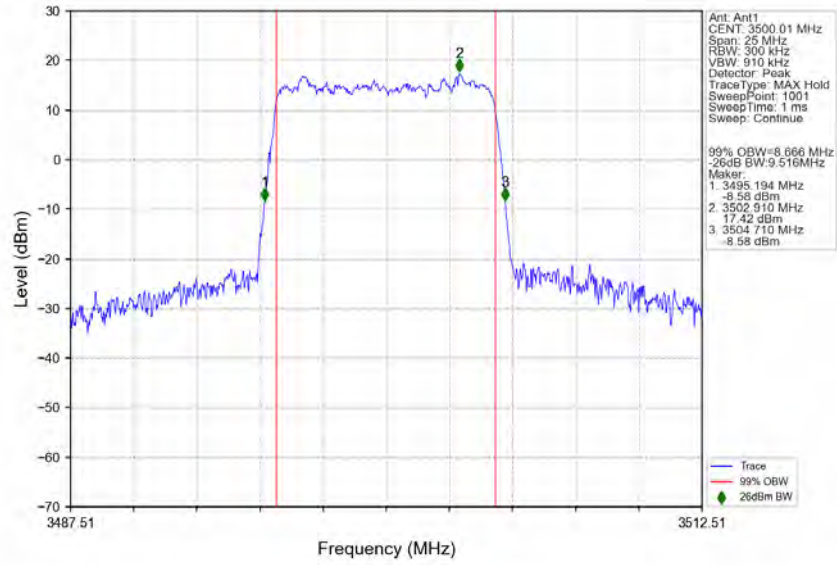
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 3544.98MHz_Outer_Full_Ant1



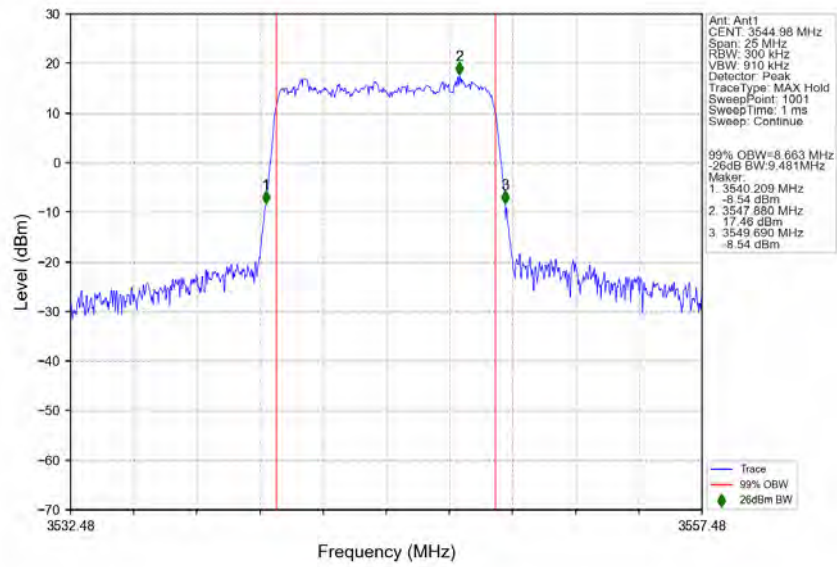
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3455.01MHz_Outer_Full_Ant1



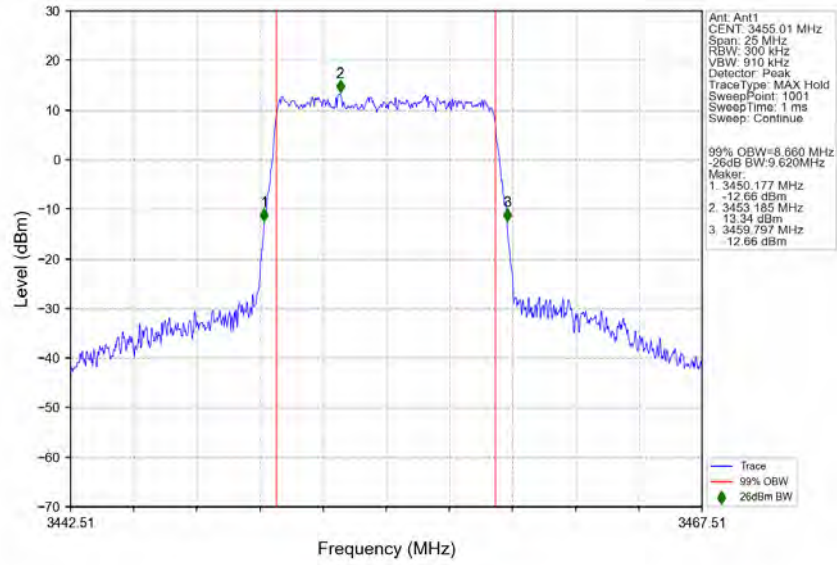
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



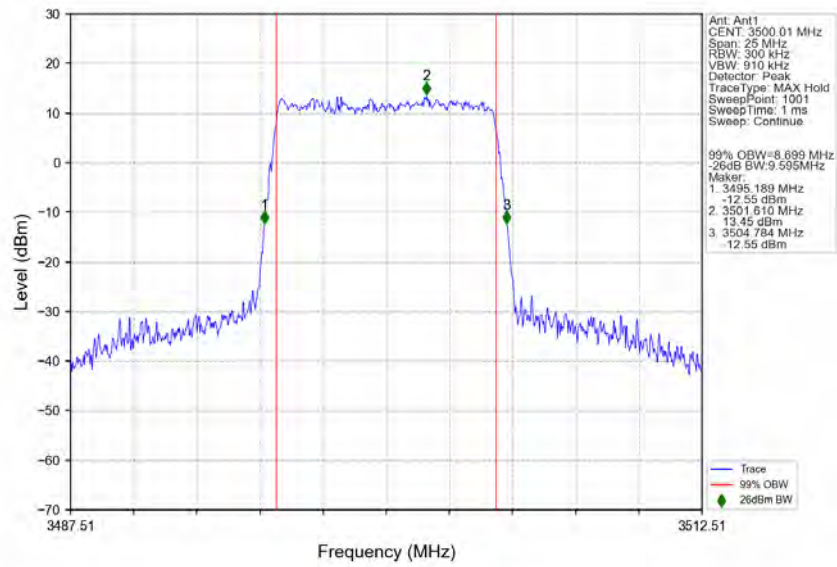
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3544.98MHz_Outer_Full_Ant1



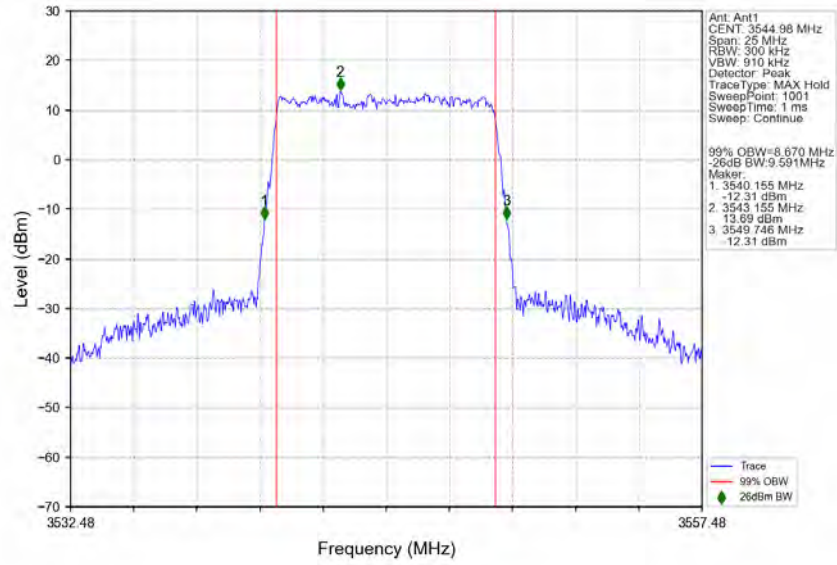
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3455.01MHz_Outer_Full_Ant1



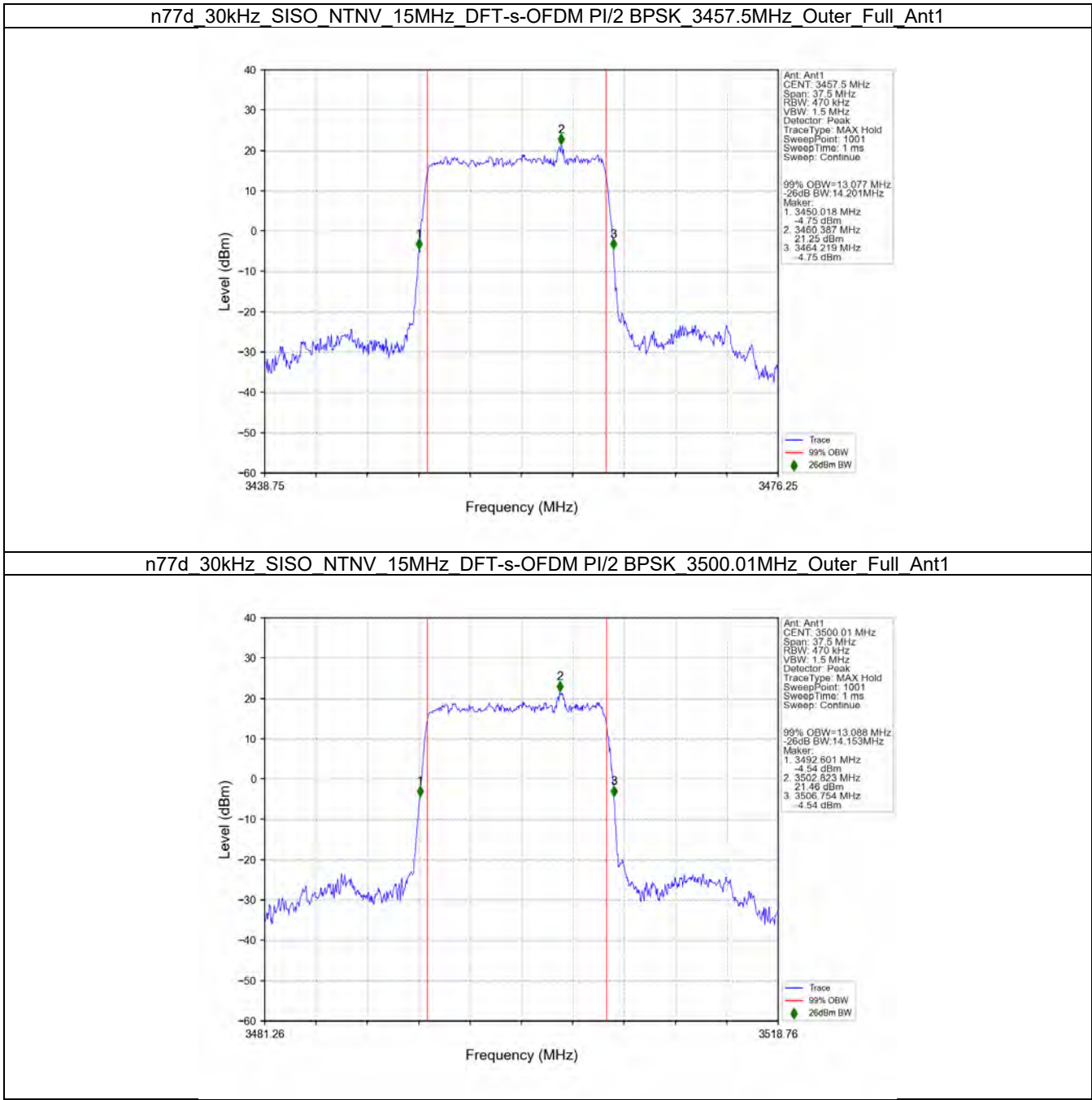
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



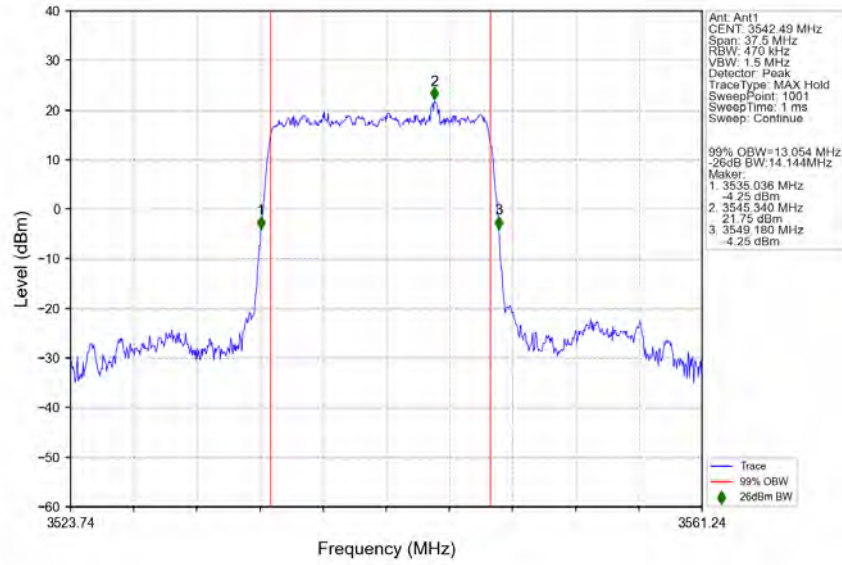
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3544.98MHz_Outer_Full_Ant1



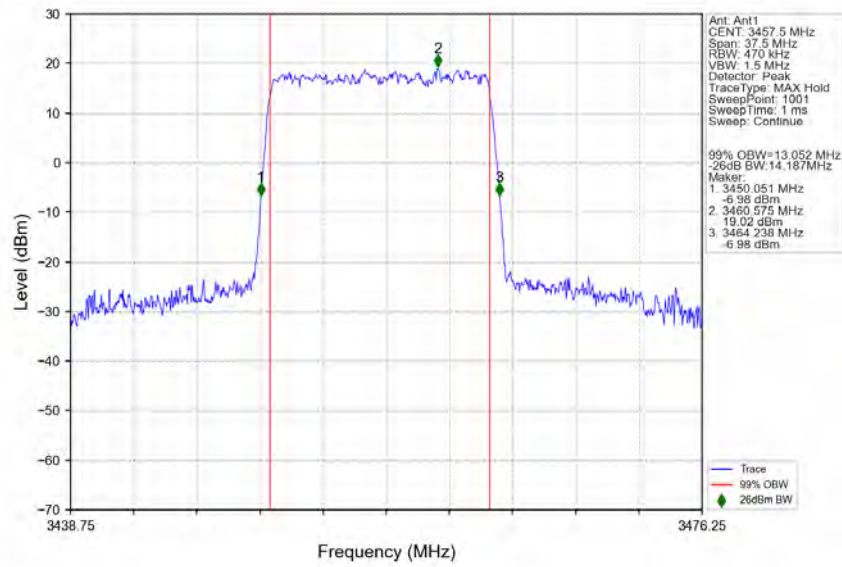
3.2.2 30k_SISO_15MHz_NTNV



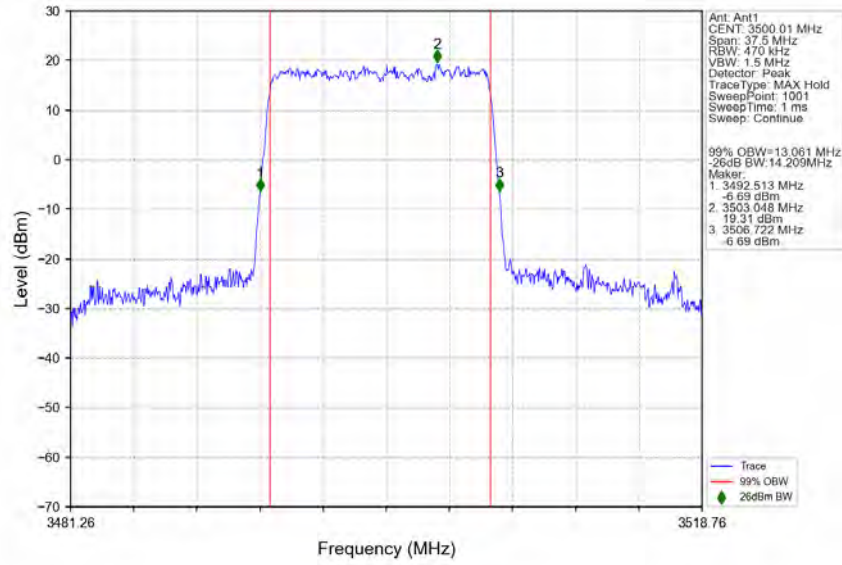
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3542.49MHz_Outer_Full_Ant1



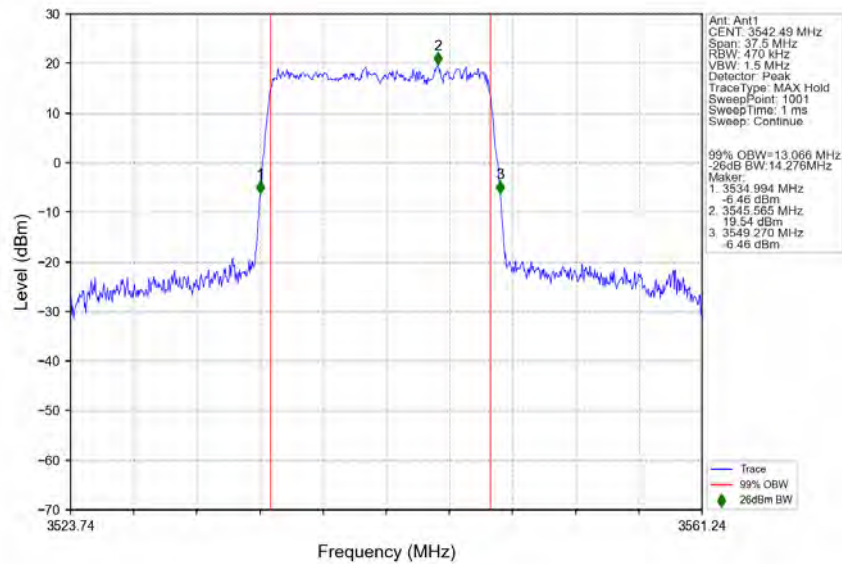
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3457.5MHz_Outer_Full_Ant1



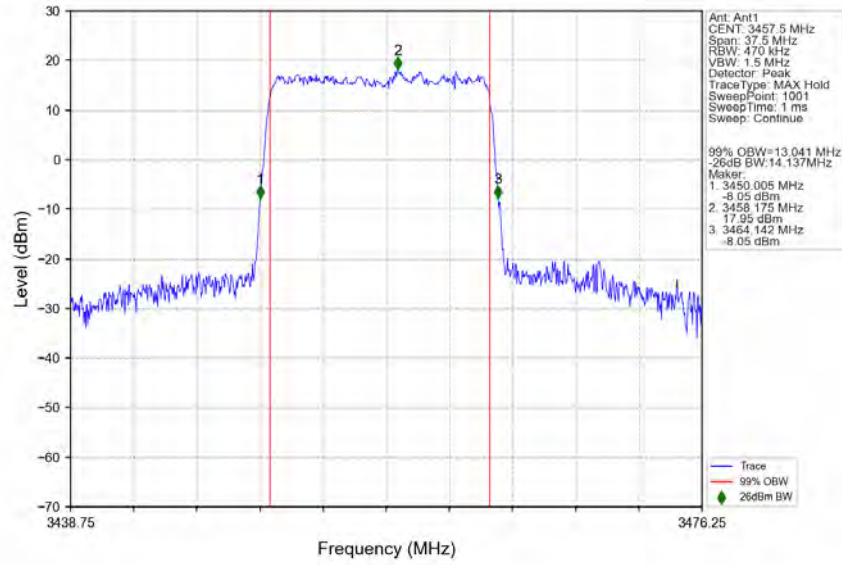
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



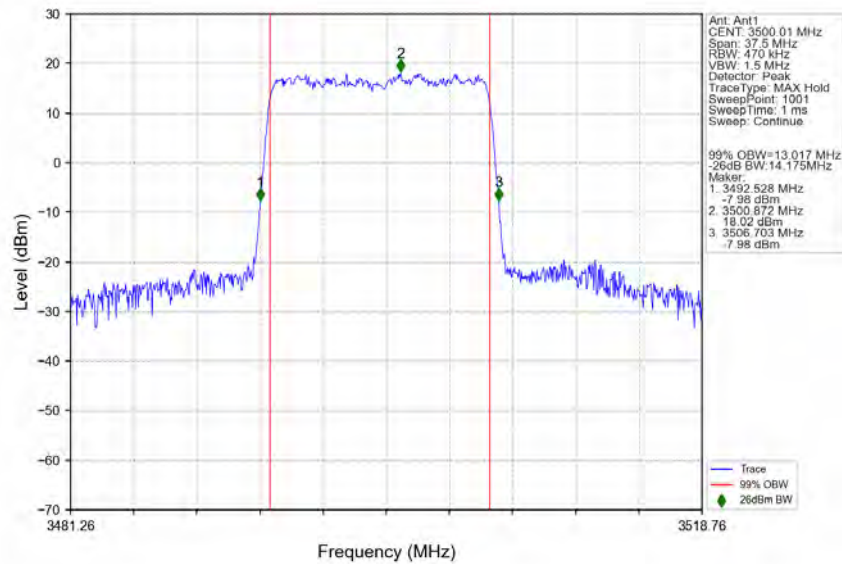
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3542.49MHz_Outer_Full_Ant1



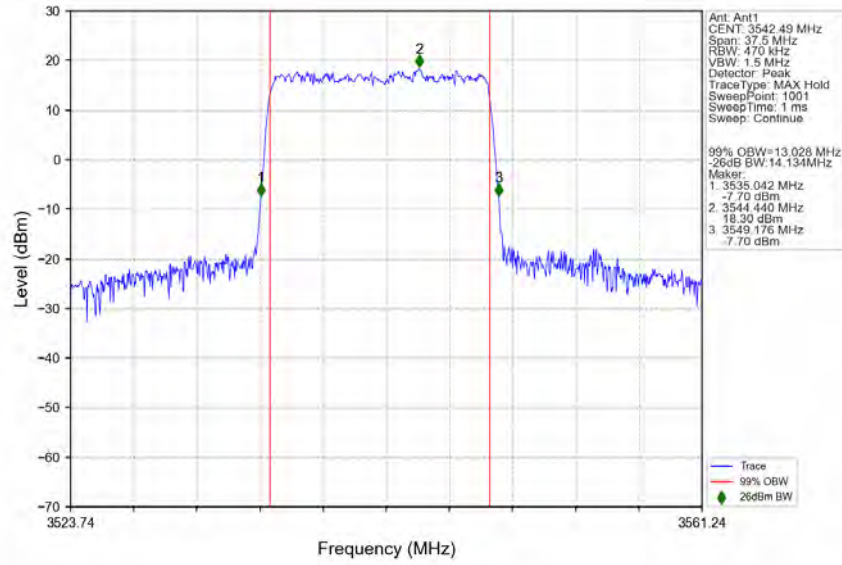
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3457.5MHz_Outer_Full_Ant1



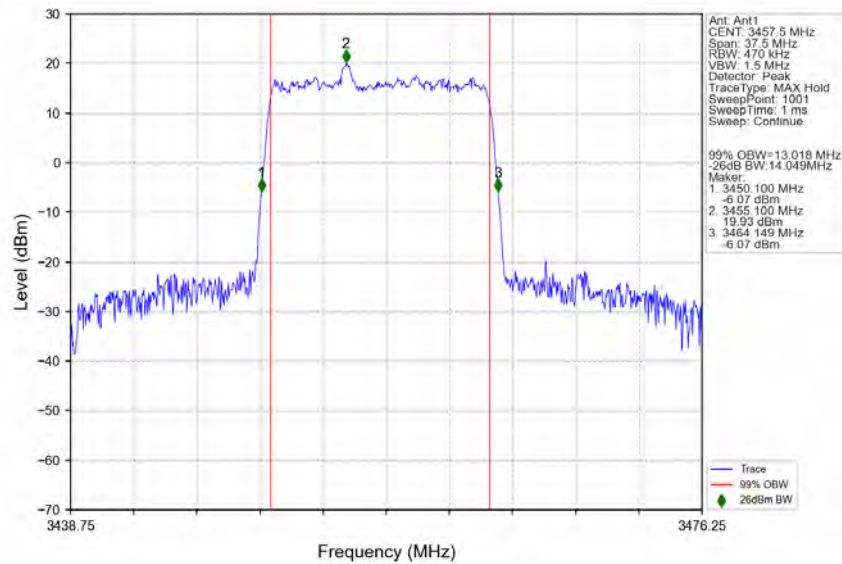
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



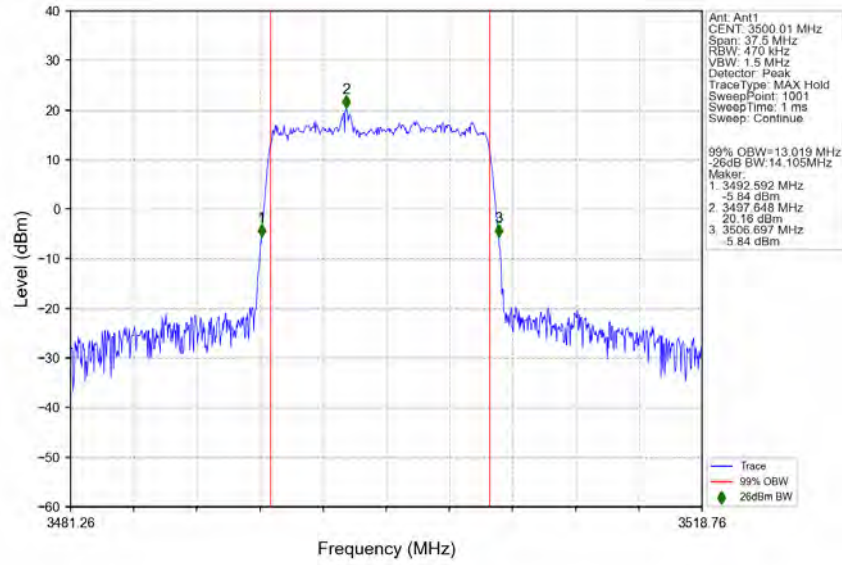
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3542.49MHz_Outer_Full_Ant1



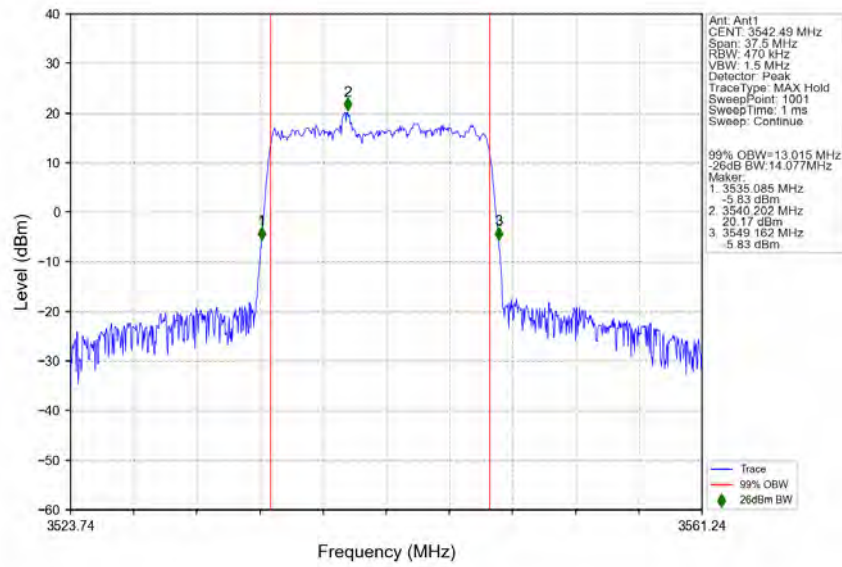
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3457.5MHz_Outer_Full_Ant1



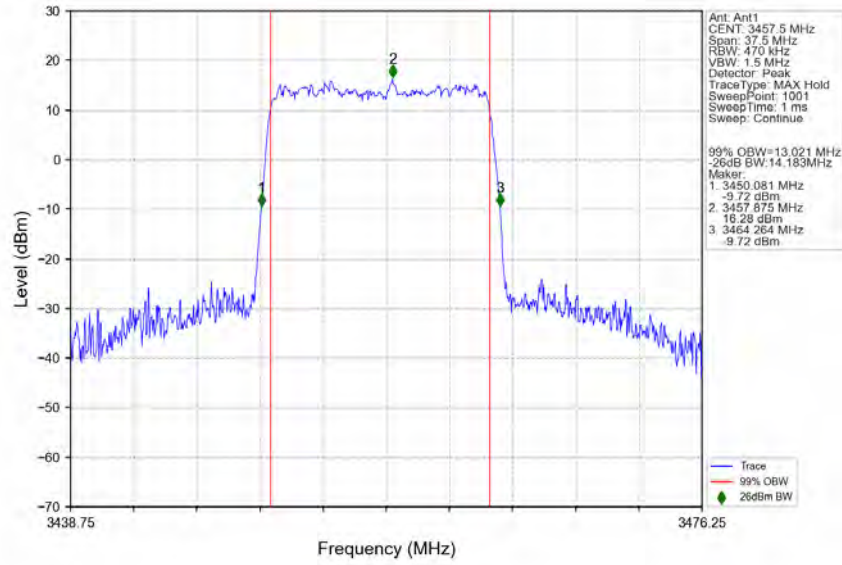
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



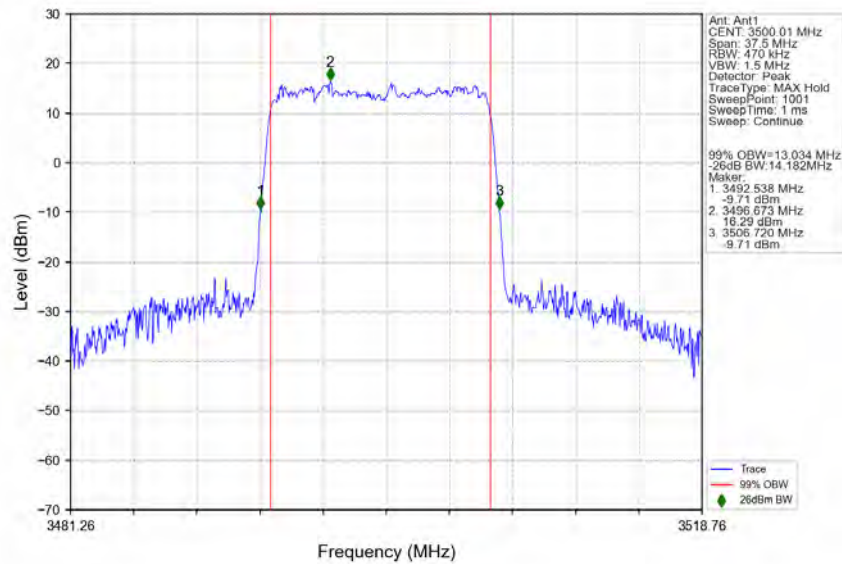
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3542.49MHz_Outer_Full_Ant1



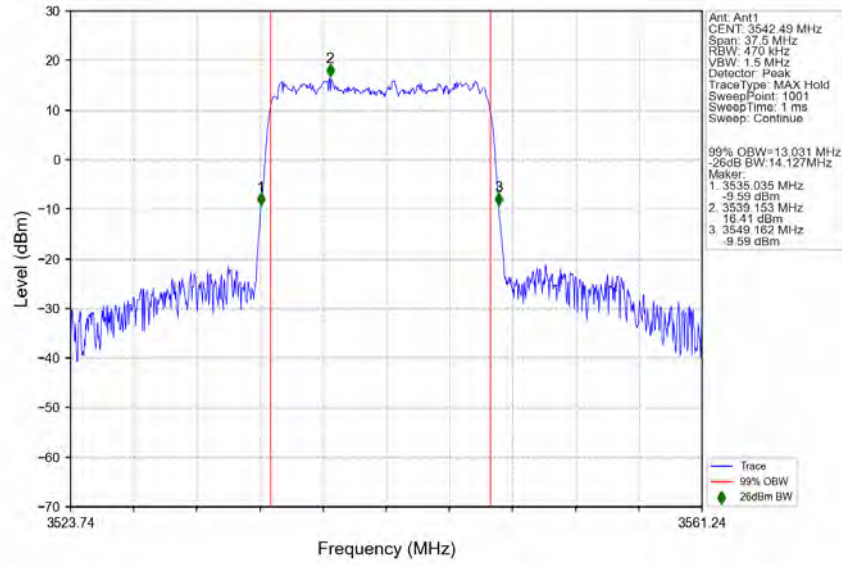
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3457.5MHz_Outer_Full_Ant1



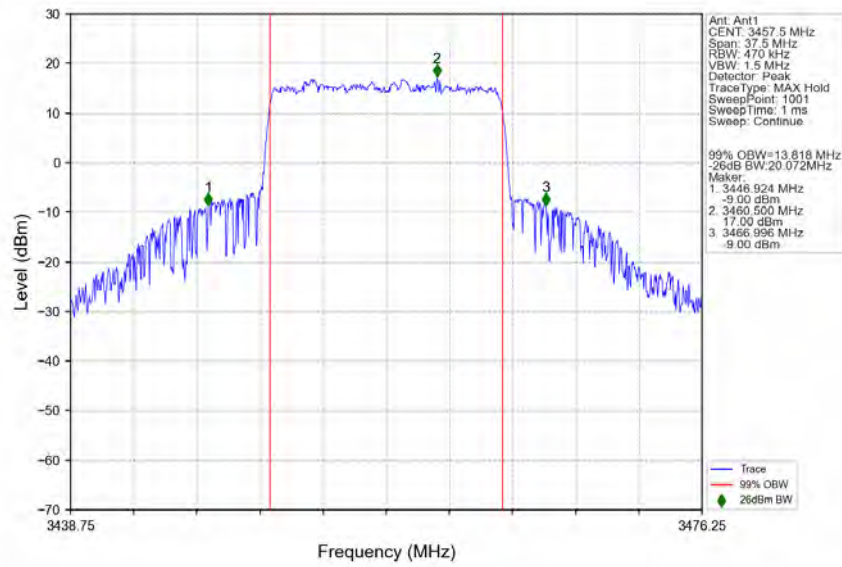
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



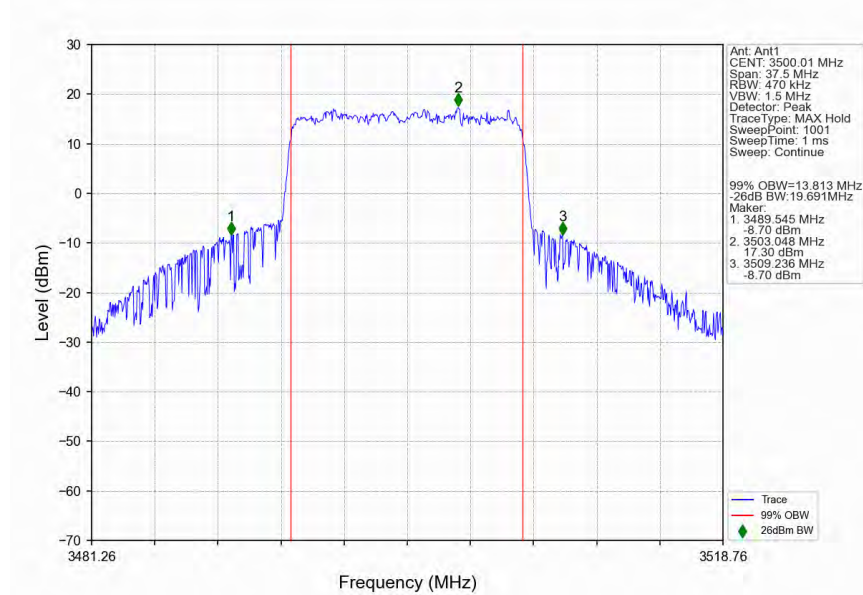
n77d_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3542.49MHz_Outer_Full_Ant1



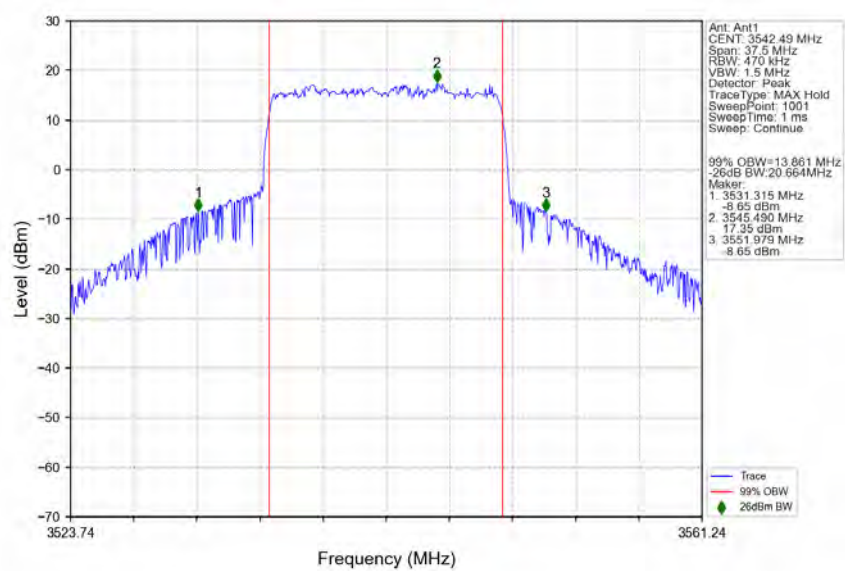
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3457.5MHz_Outer_Full_Ant1



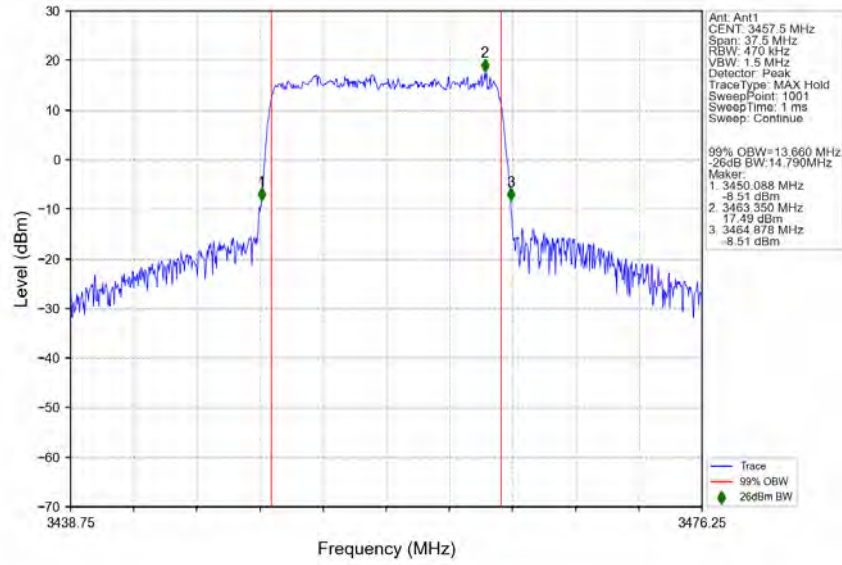
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



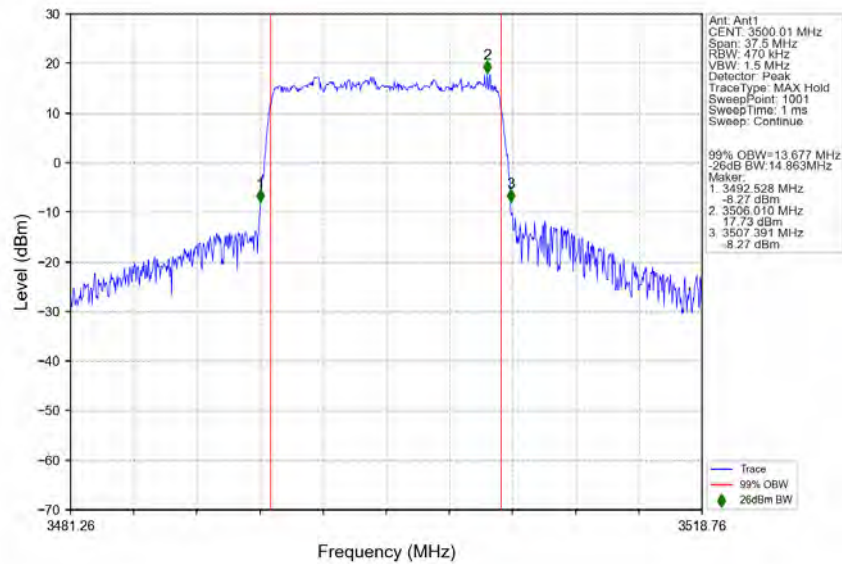
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3542.49MHz_Outer_Full_Ant1



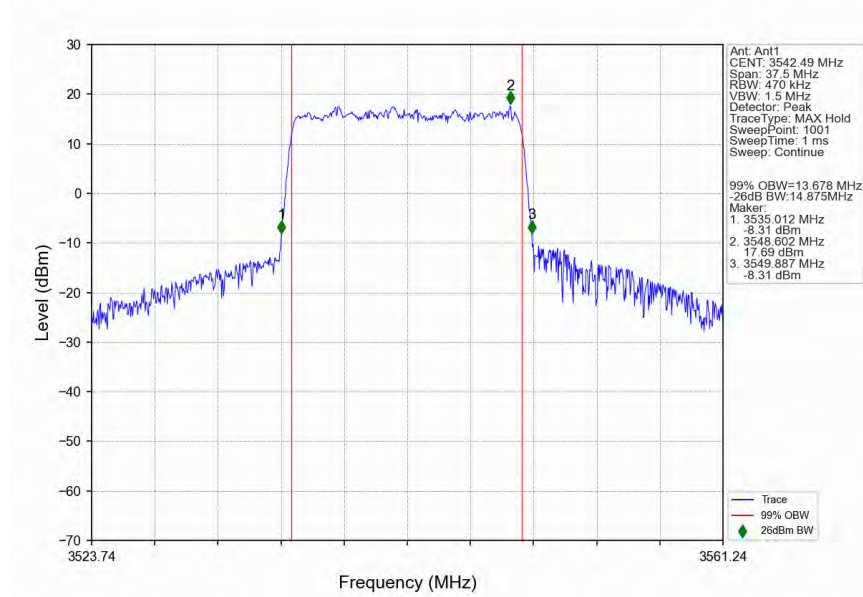
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3457.5MHz_Outer_Full_Ant1



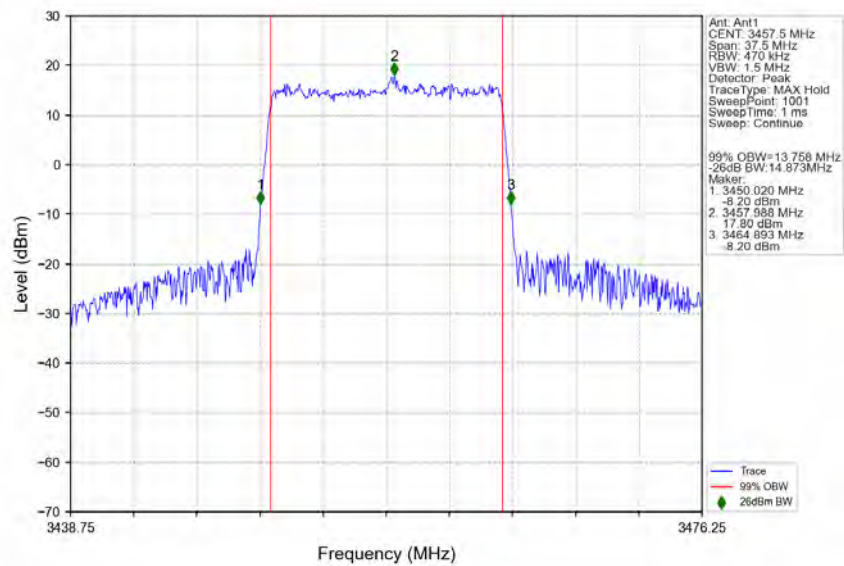
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



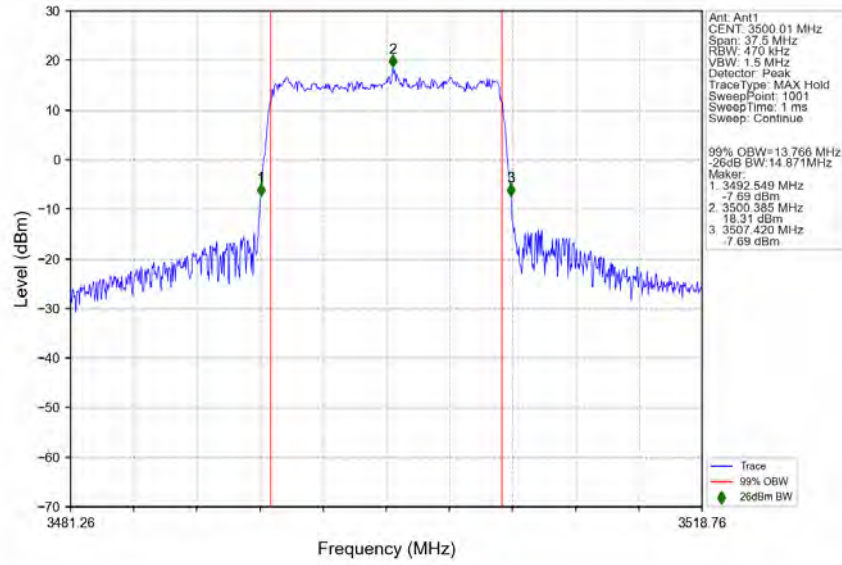
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 3542.49MHz_Outer_Full_Ant1



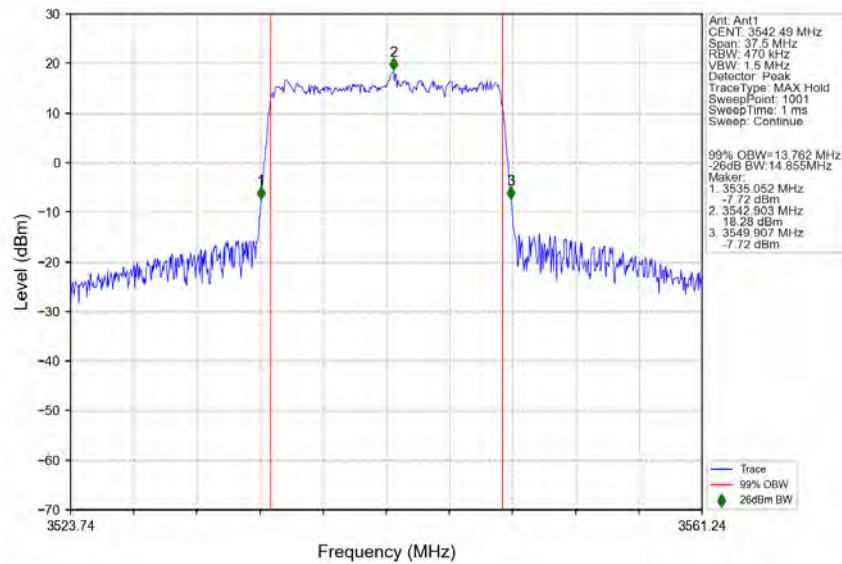
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 3457.5MHz_Outer_Full_Ant1



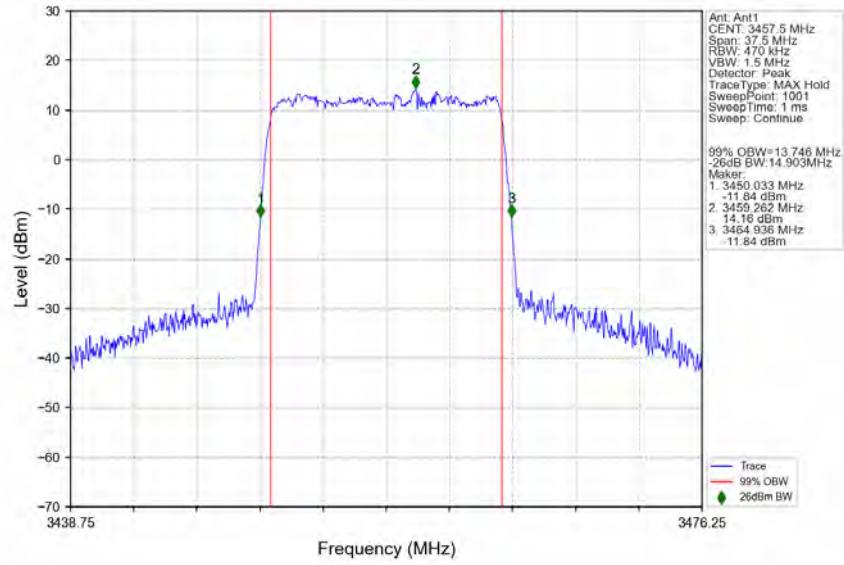
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



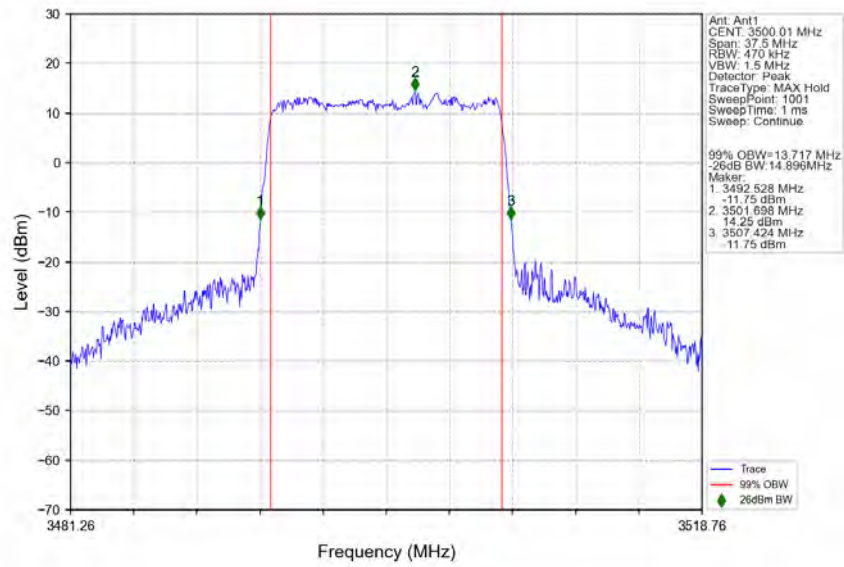
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 3542.49MHz_Outer_Full_Ant1



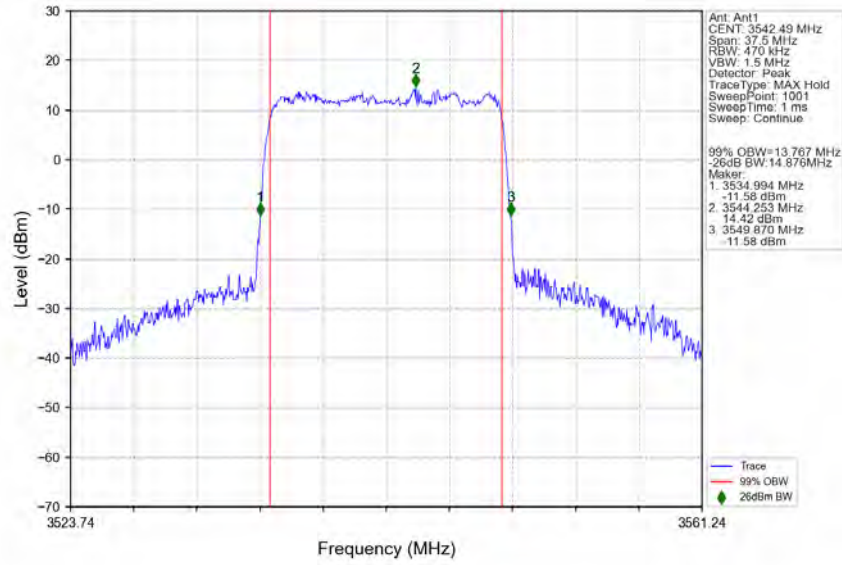
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_3457.5MHz_Outer_Full_Ant1



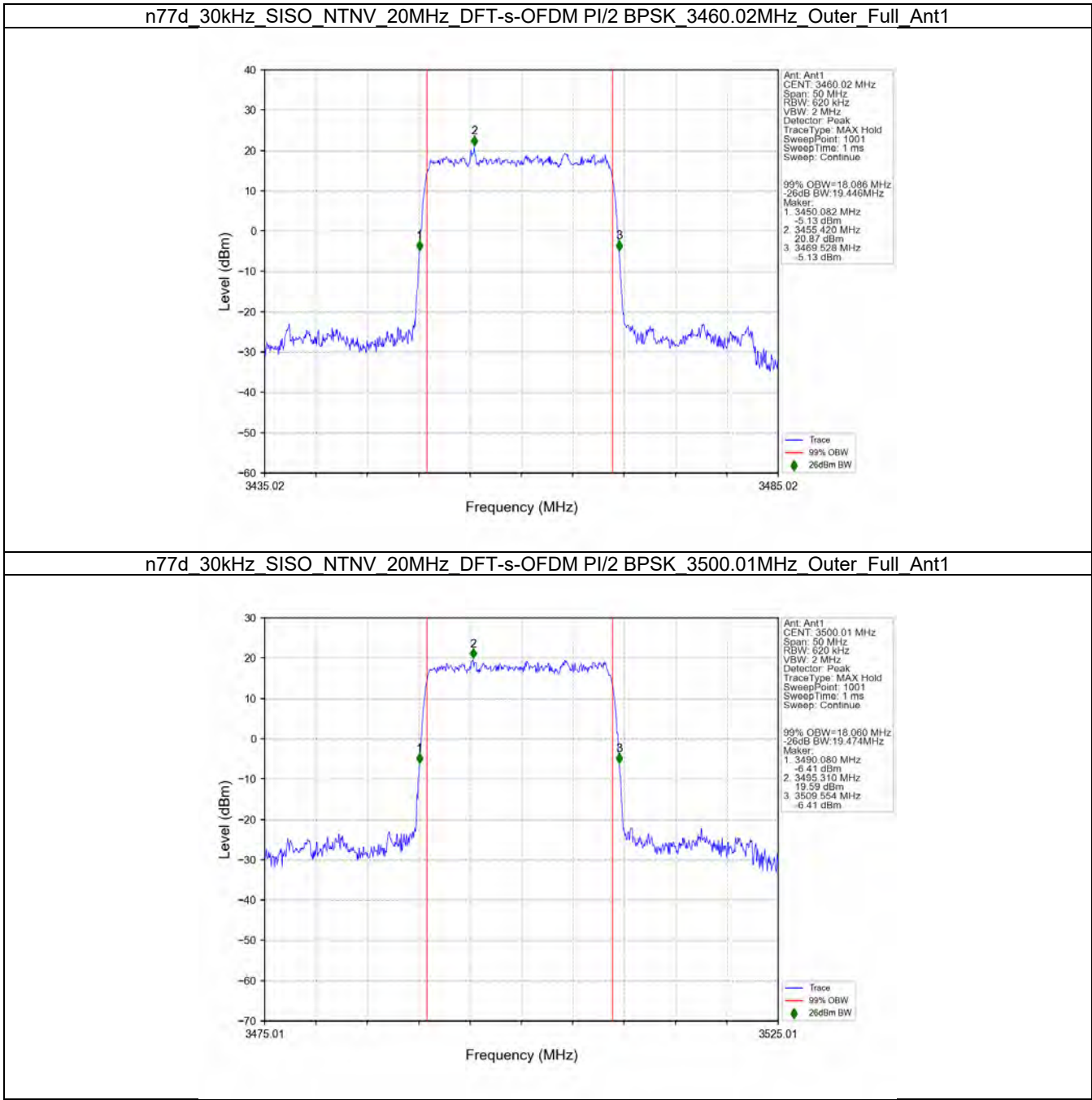
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_3500.01MHz_Outer_Full_Ant1



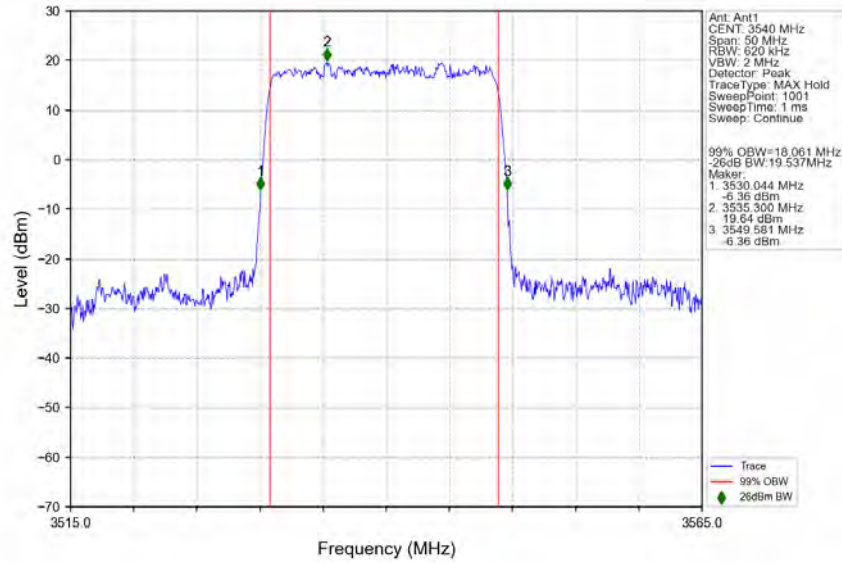
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3542.49MHz_Outer_Full_Ant1



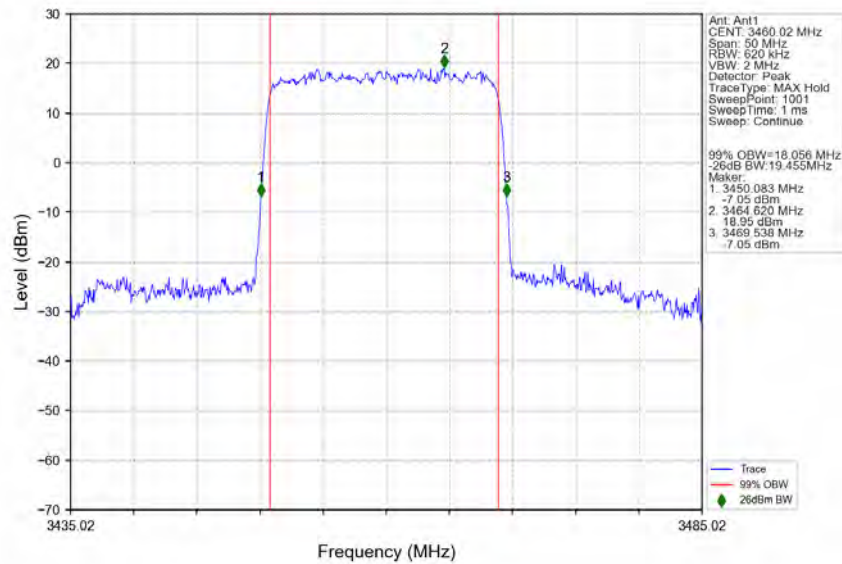
3.2.3 30k_SISO_20MHz_NTNV



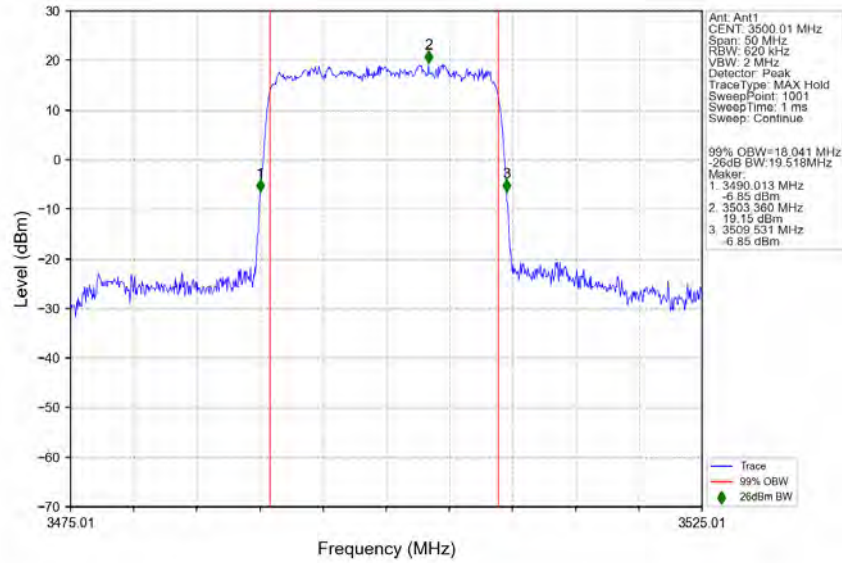
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3540MHz_Outer_Full_Ant1



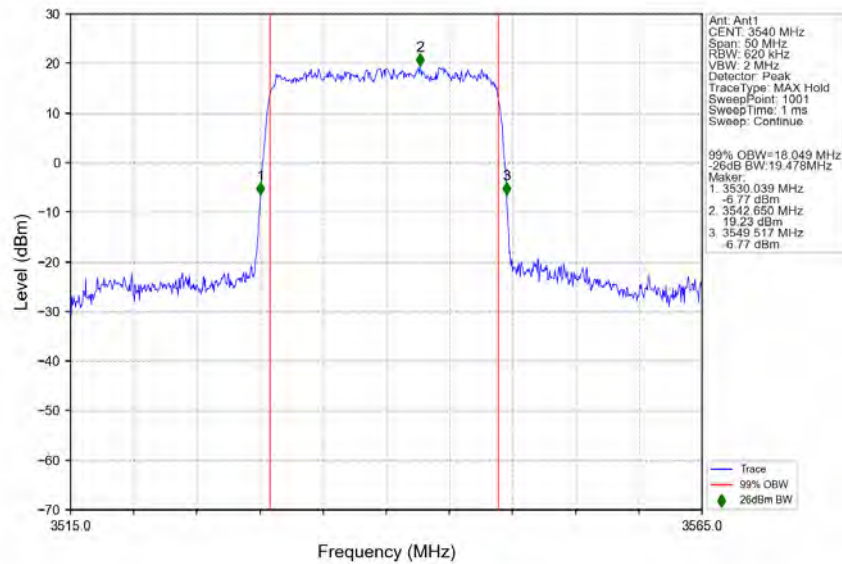
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3460.02MHz_Outer_Full_Ant1



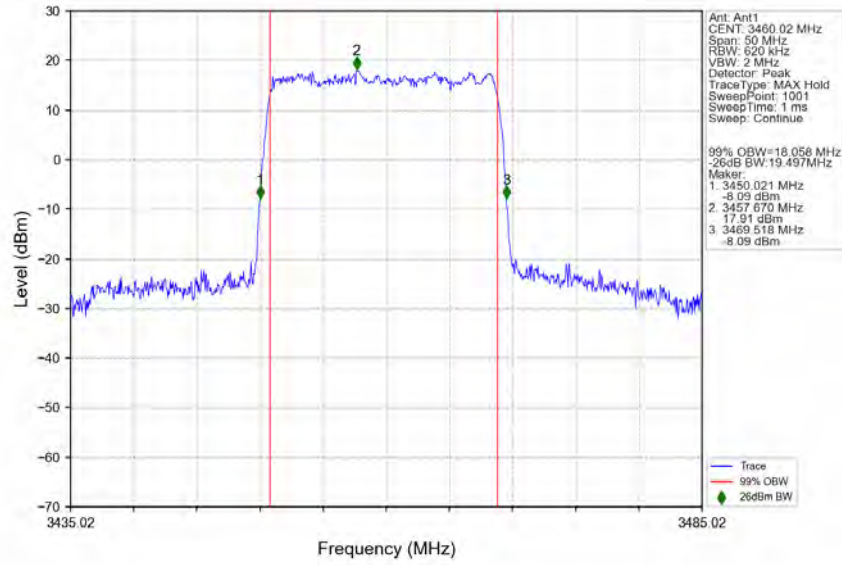
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



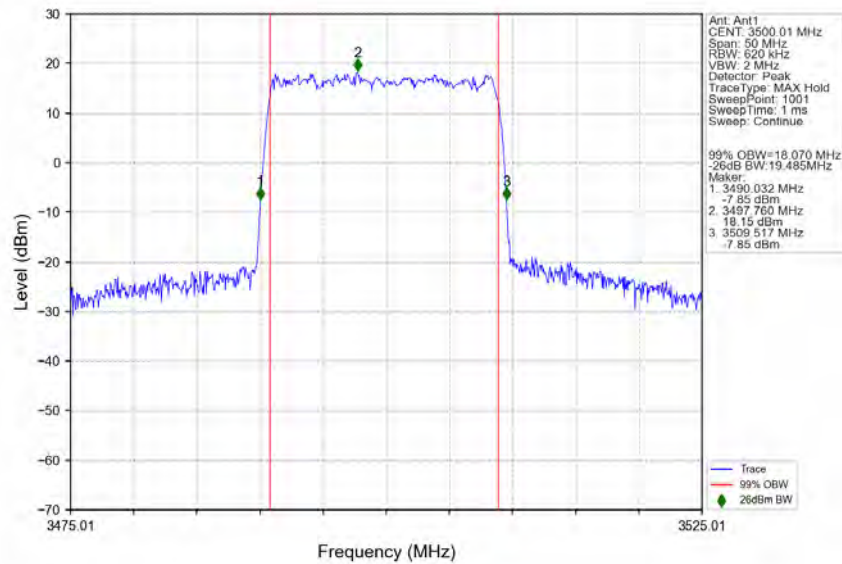
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3540MHz_Outer_Full_Ant1



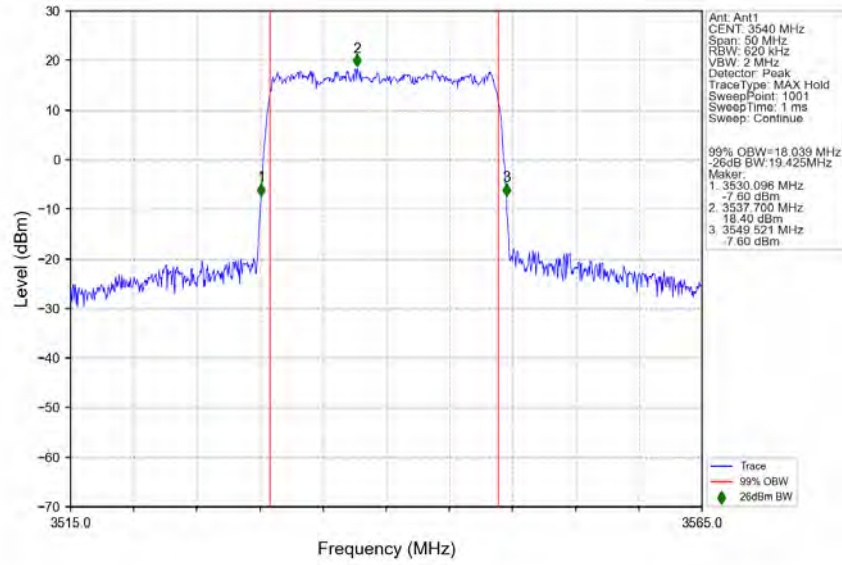
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3460.02MHz_Outer_Full_Ant1



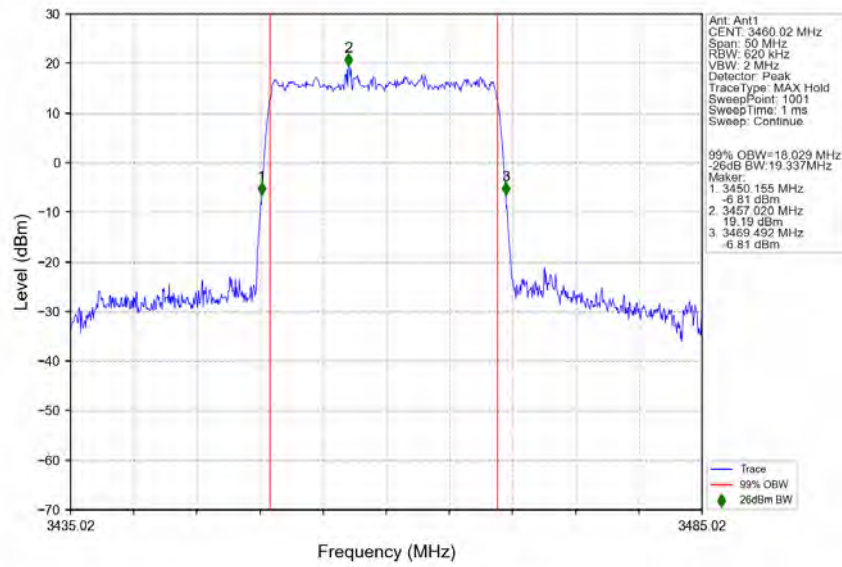
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



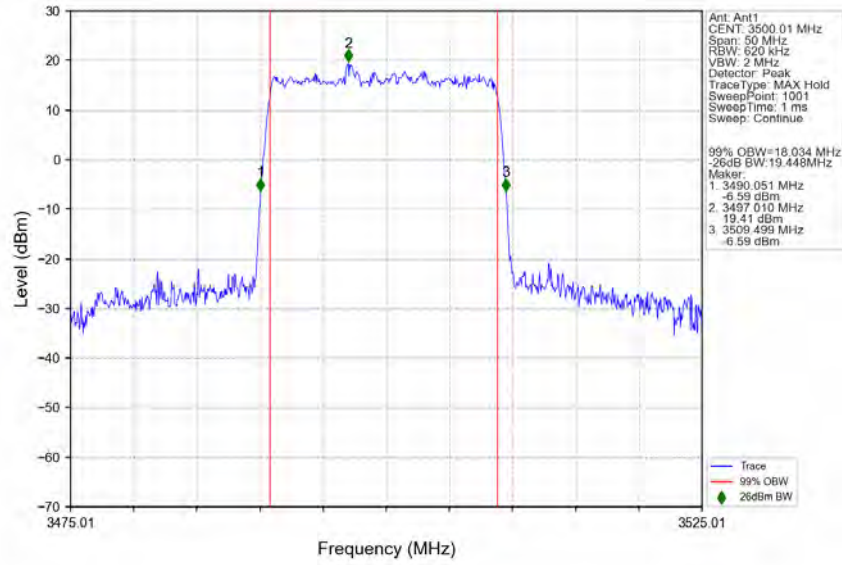
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM 3540MHz_Outer_Full_Ant1



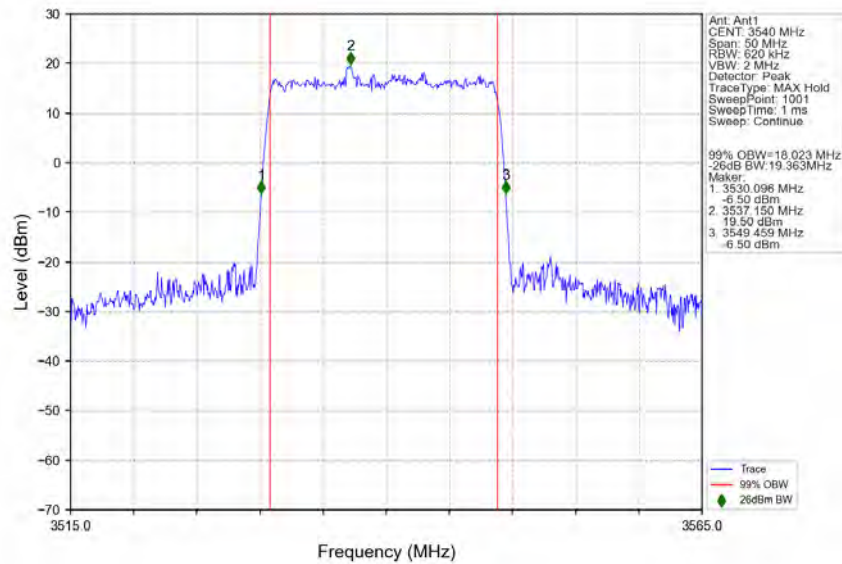
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 3460.02MHz_Outer_Full_Ant1



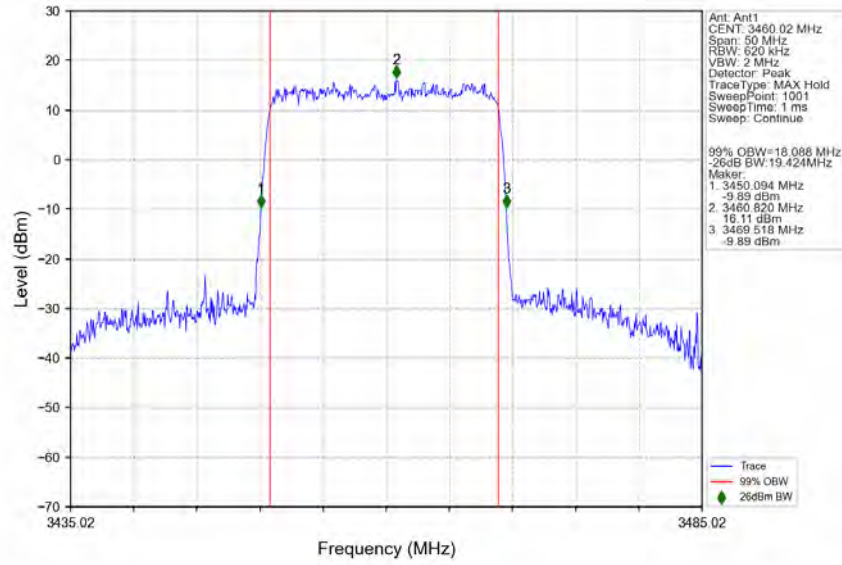
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



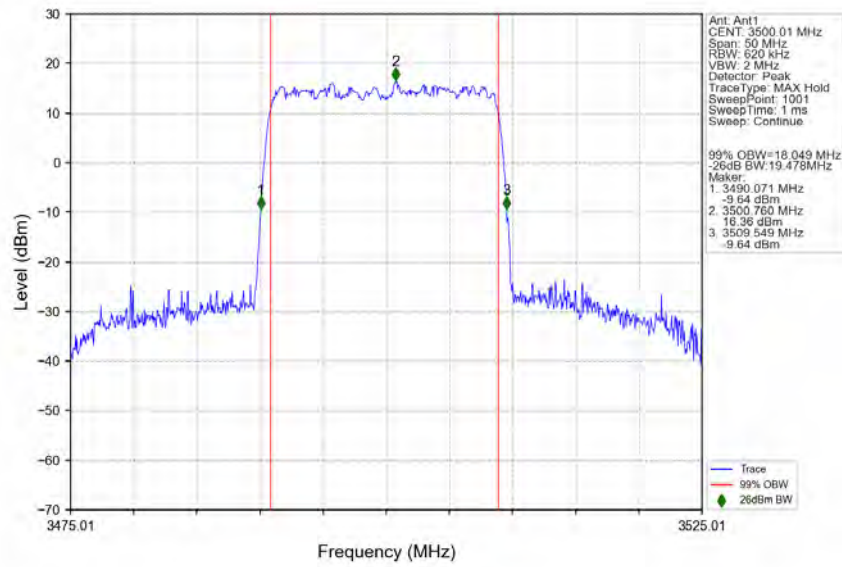
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3540MHz_Outer_Full_Ant1



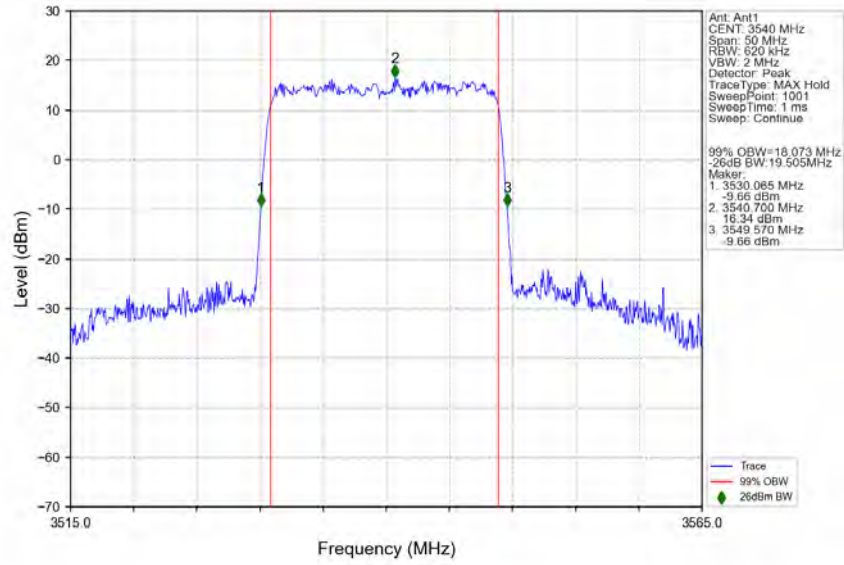
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3460.02MHz_Outer_Full_Ant1



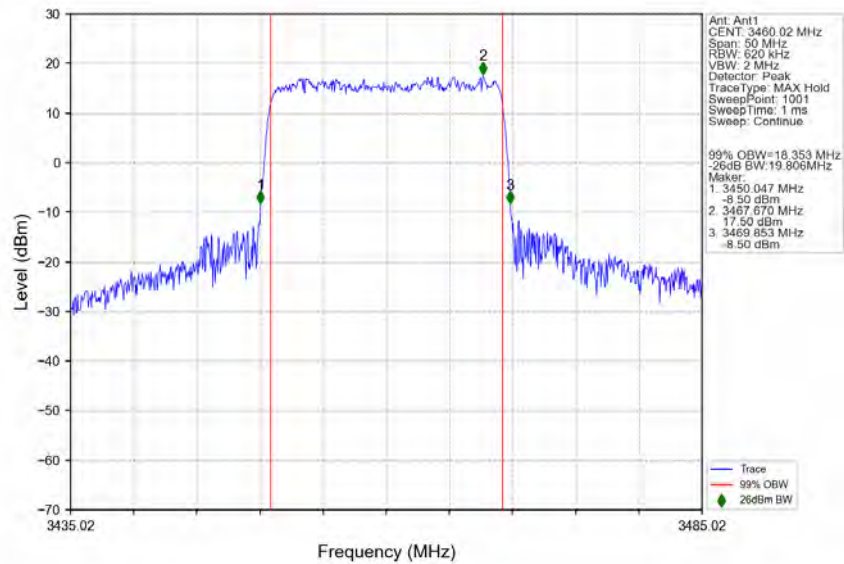
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



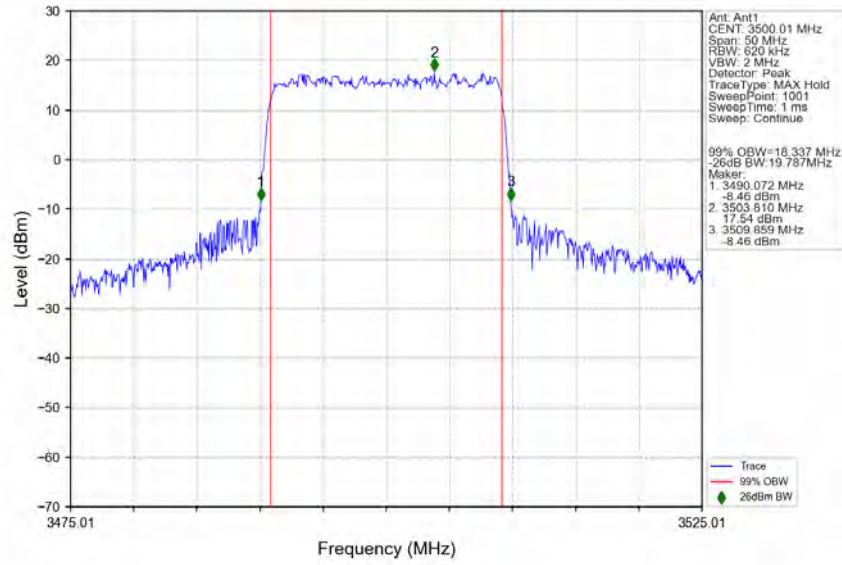
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3540MHz_Outer_Full_Ant1



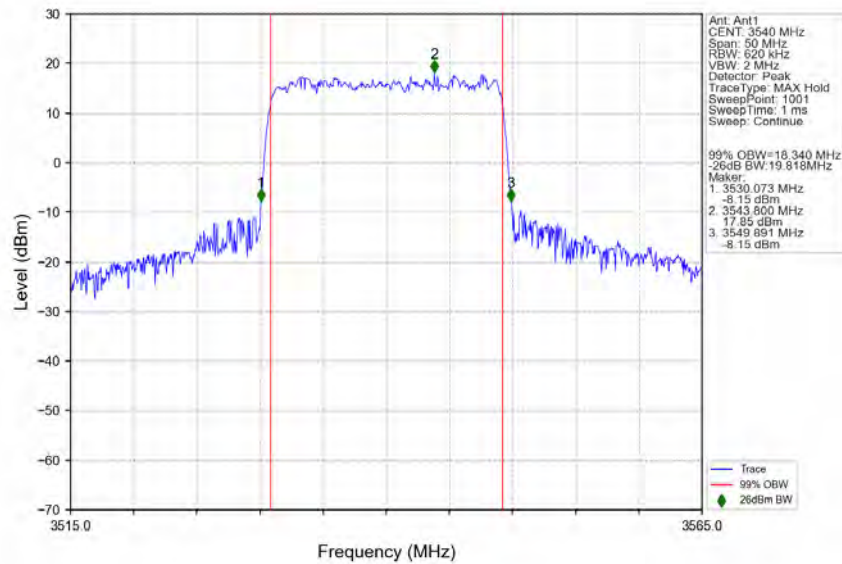
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Outer_Full_Ant1



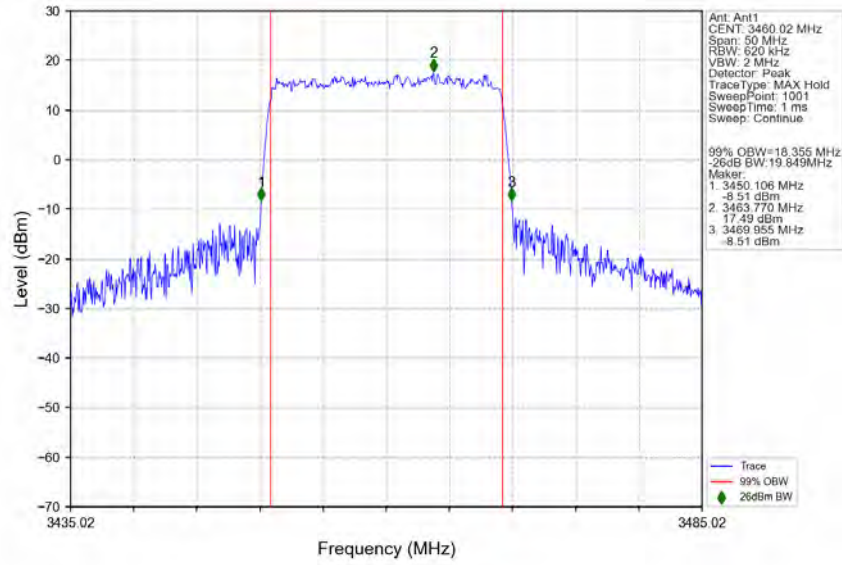
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



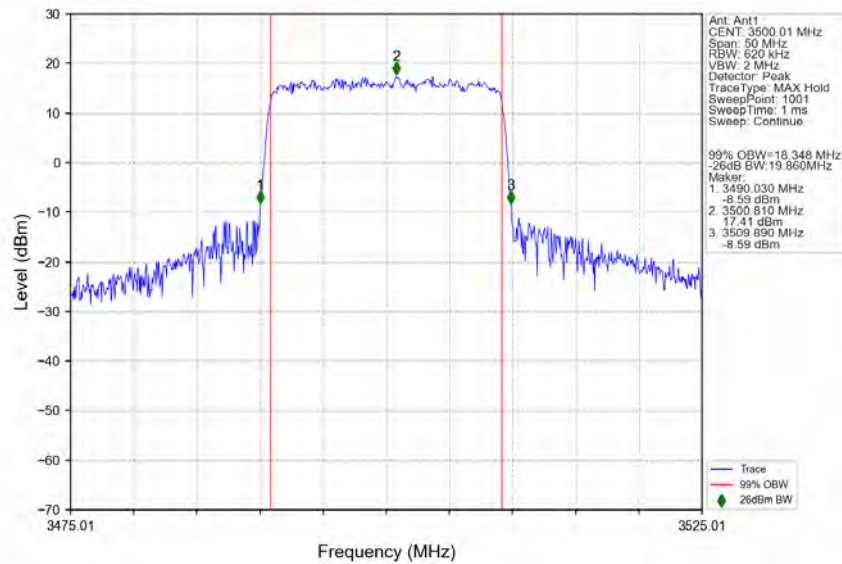
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3540MHz_Outer_Full_Ant1



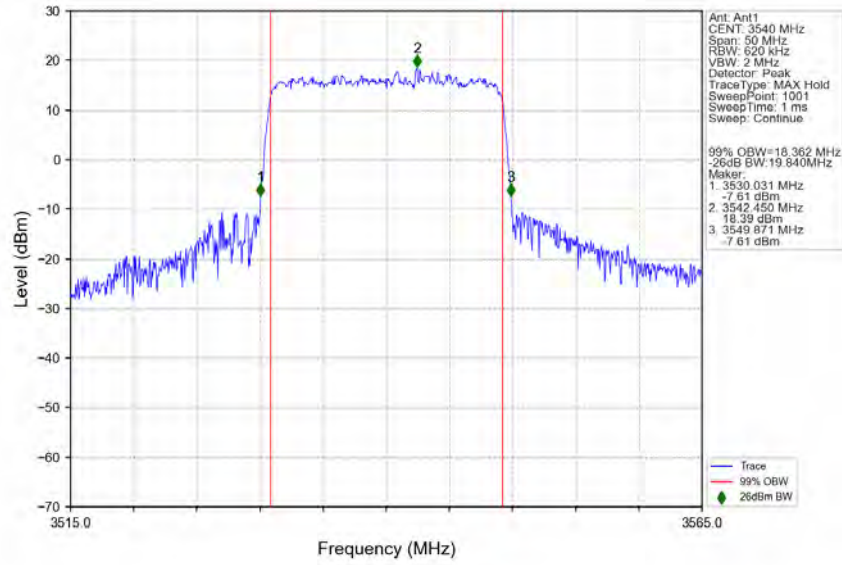
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3460.02MHz_Outer_Full_Ant1



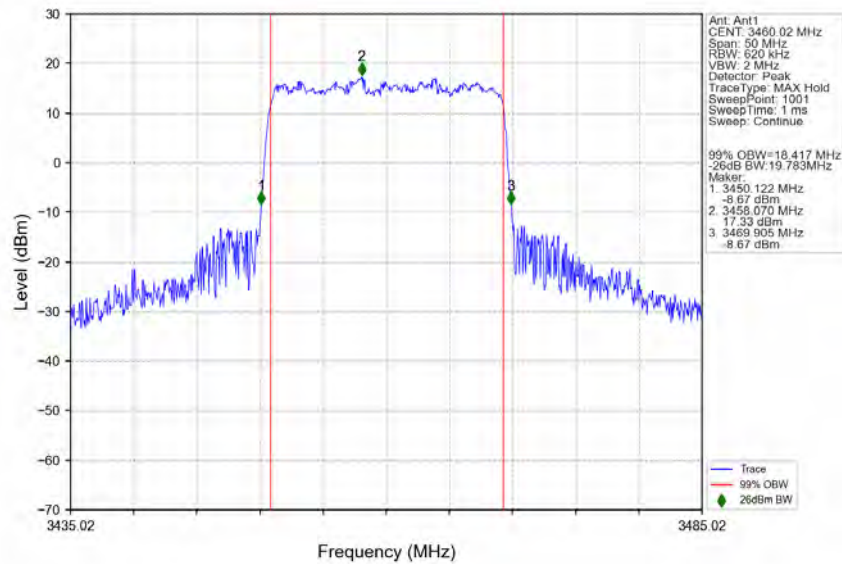
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



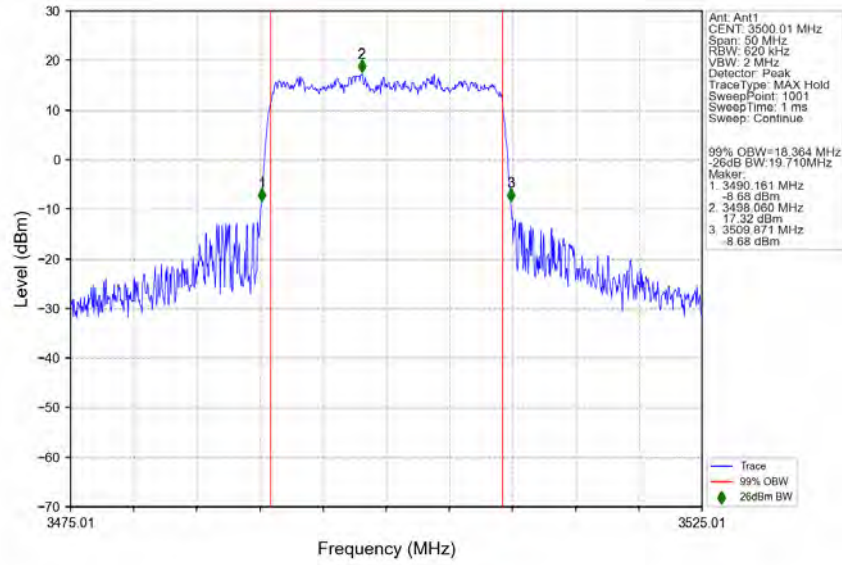
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3540MHz_Outer_Full_Ant1



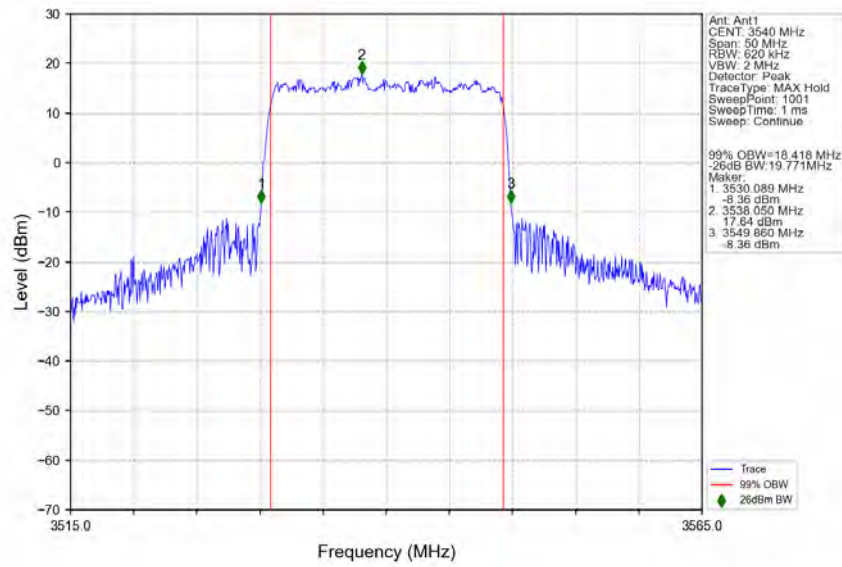
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3460.02MHz_Outer_Full_Ant1



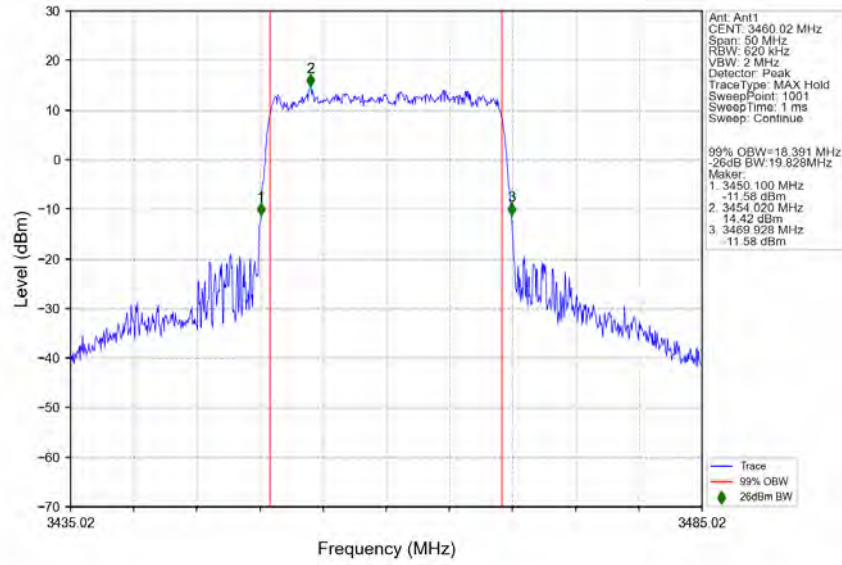
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



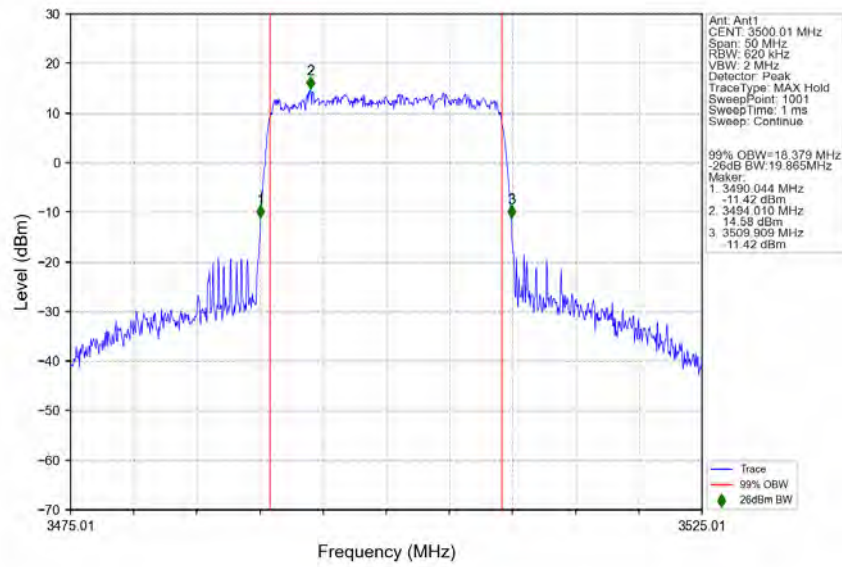
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3540MHz_Outer_Full_Ant1



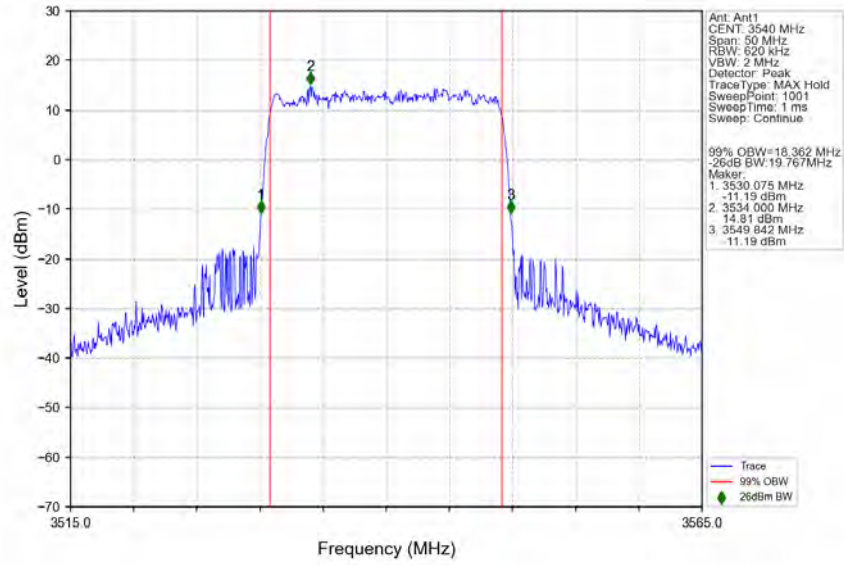
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3460.02MHz_Outer_Full_Ant1



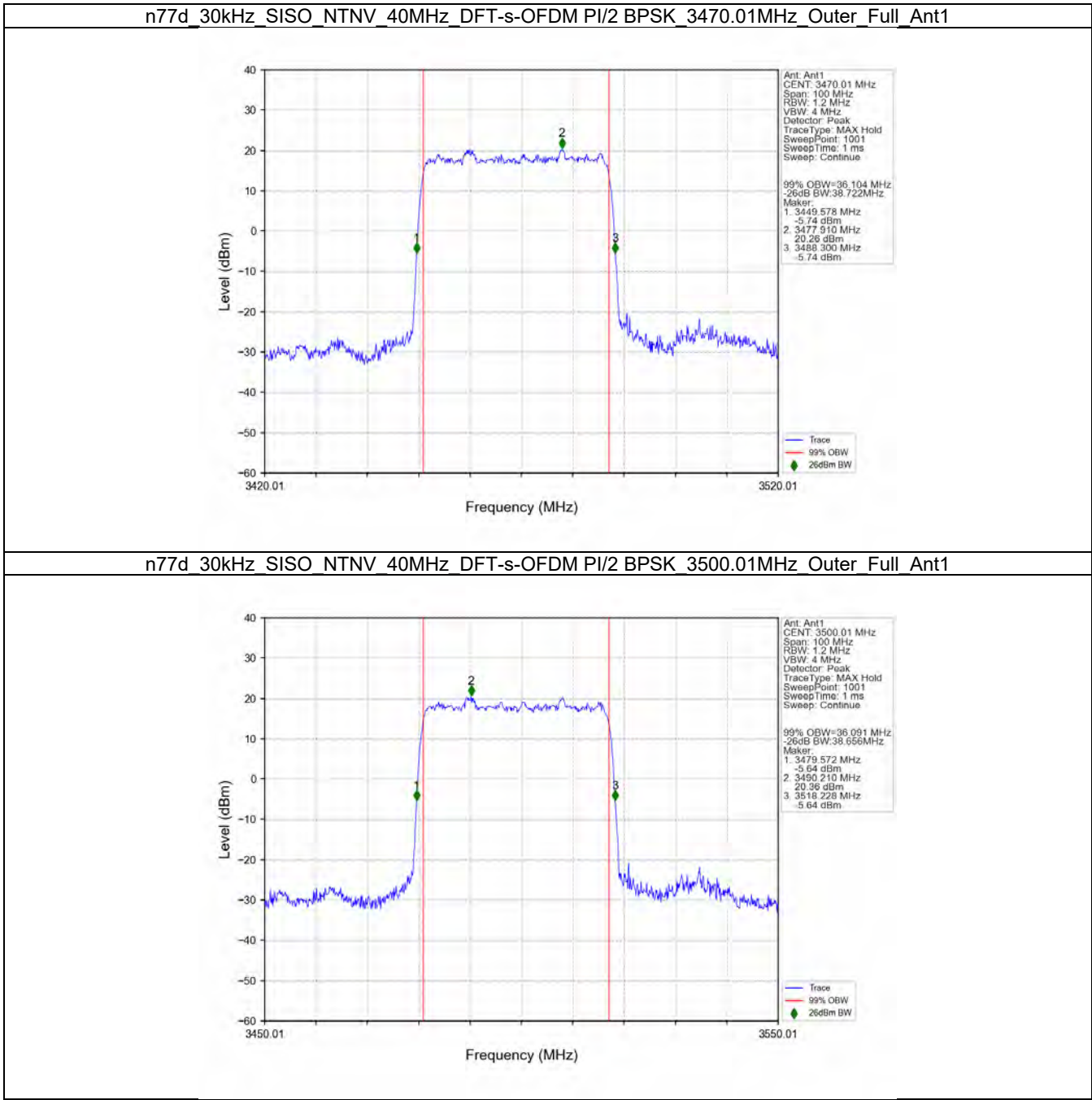
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



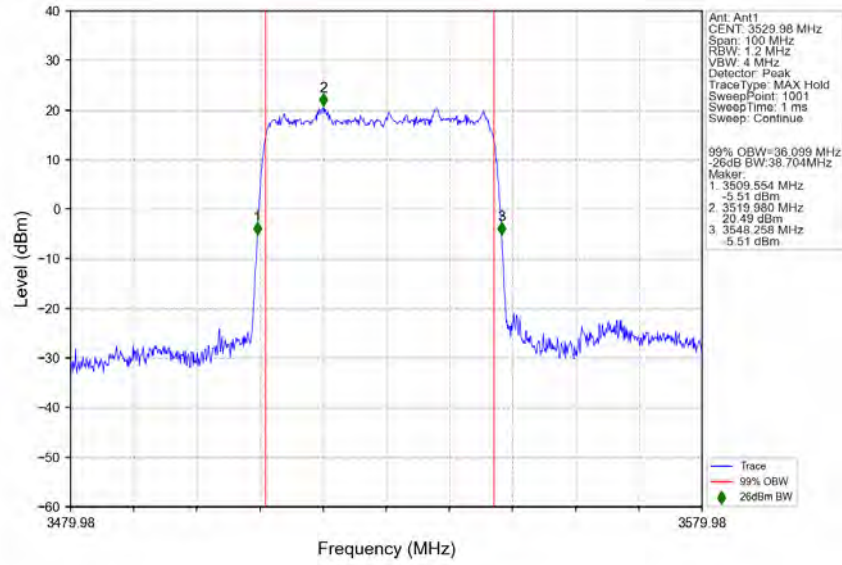
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM_256 QAM_3540MHz_Outer_Full_Ant1



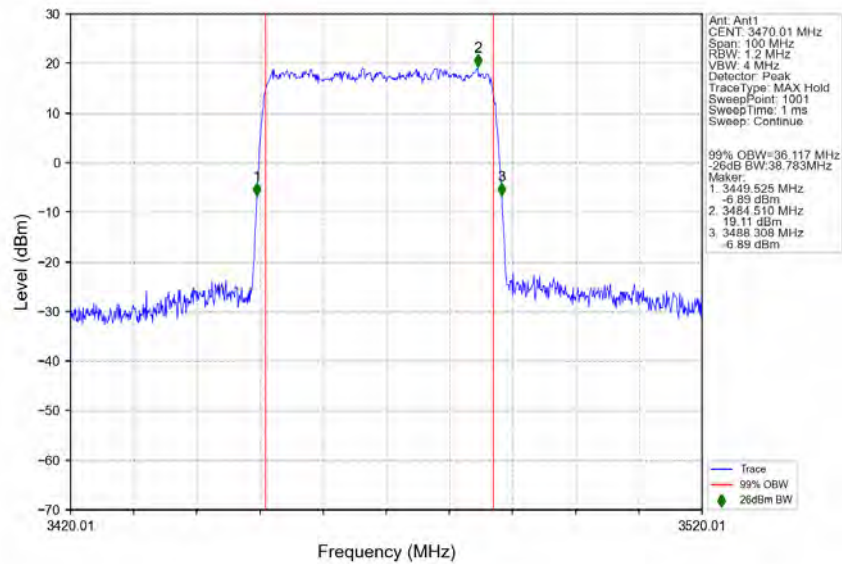
3.2.4 30k_SISO_40MHz_NTNV



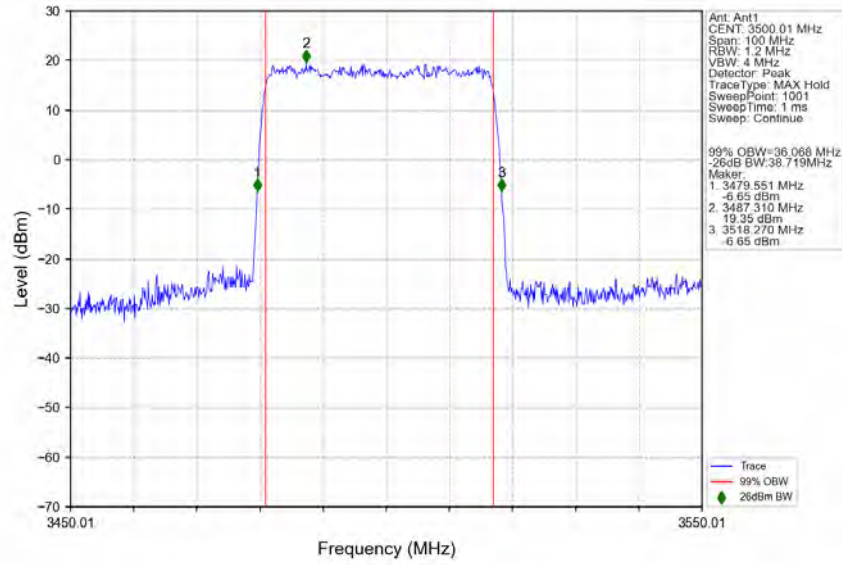
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3529.98MHz_Outer_Full_Ant1



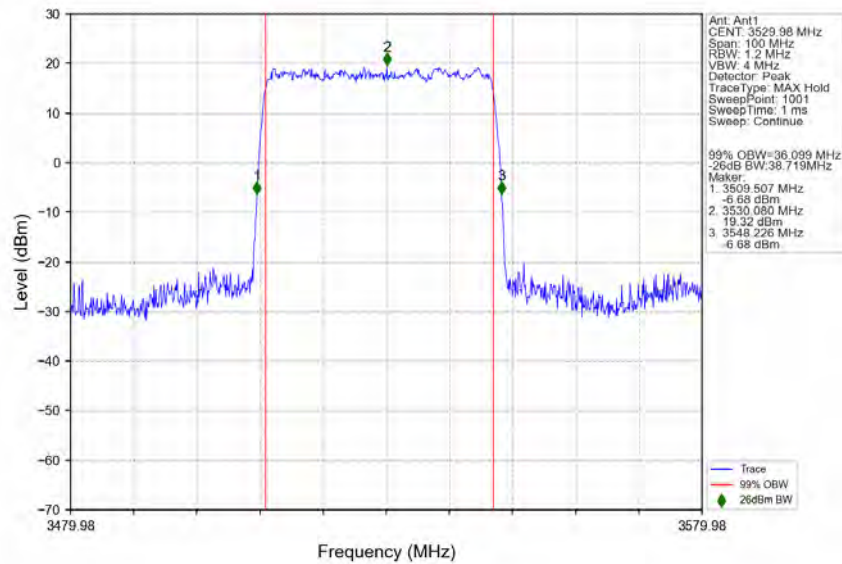
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3470.01MHz_Outer_Full_Ant1



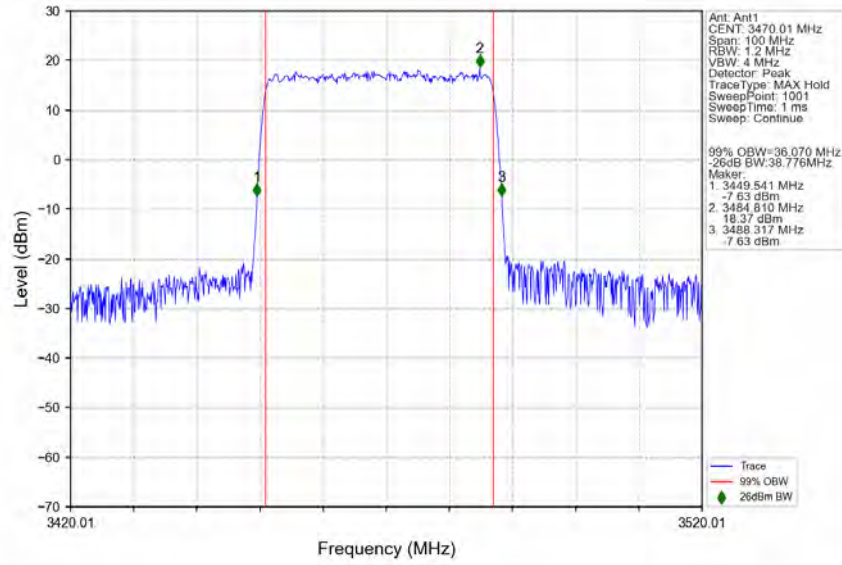
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



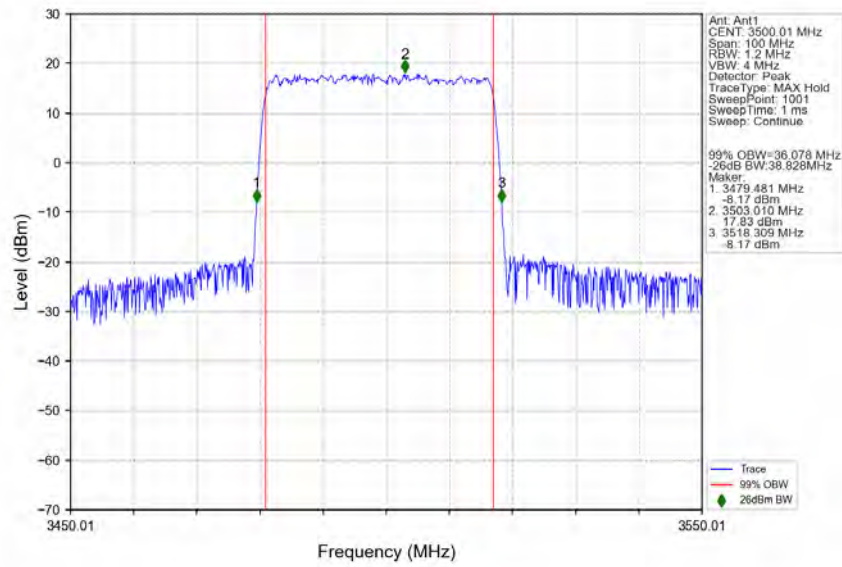
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3529.98MHz_Outer_Full_Ant1



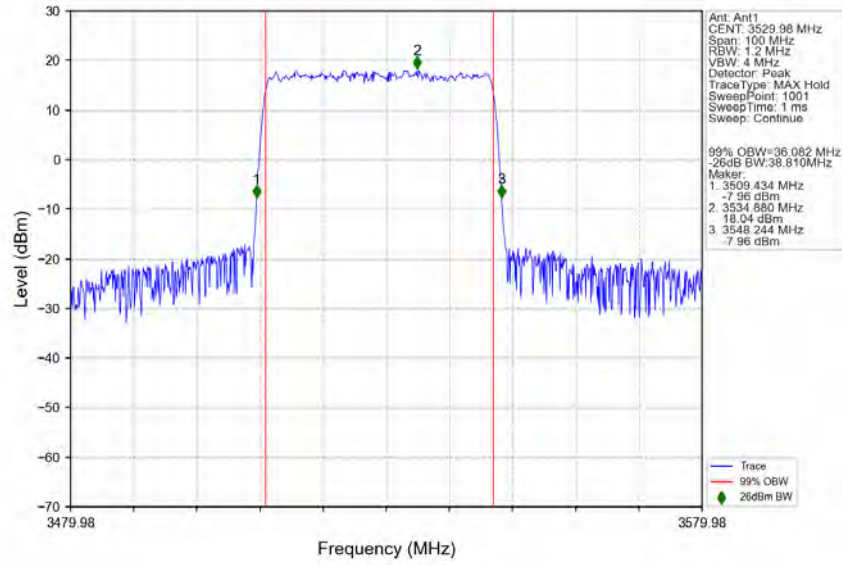
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3470.01MHz_Outer_Full_Ant1



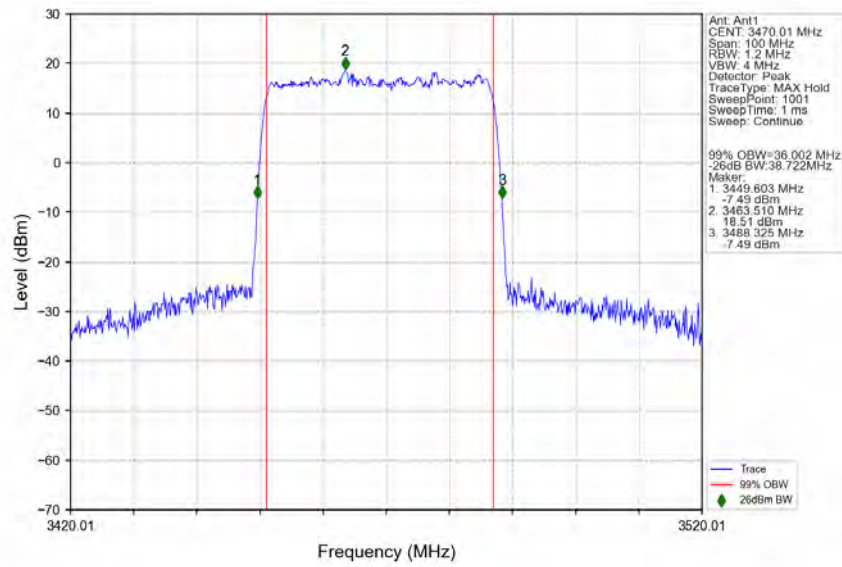
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



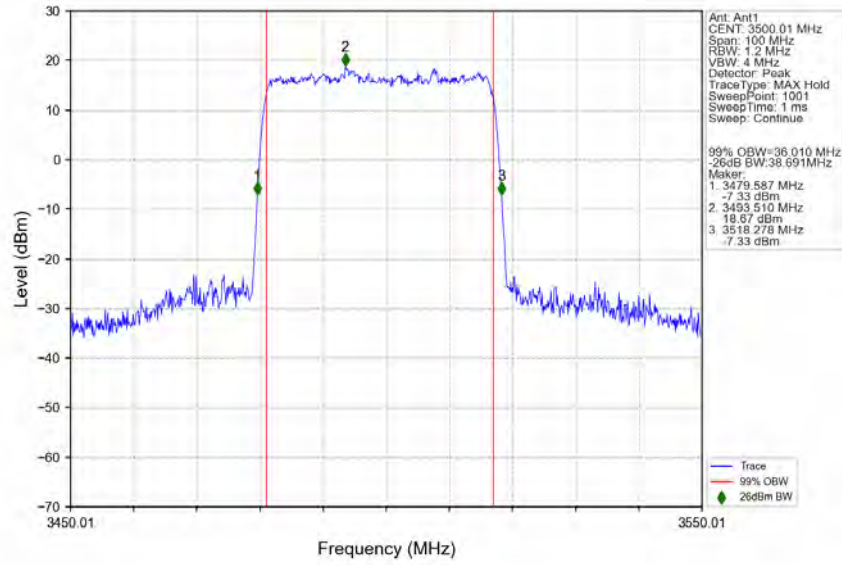
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3529.98MHz_Outer_Full_Ant1



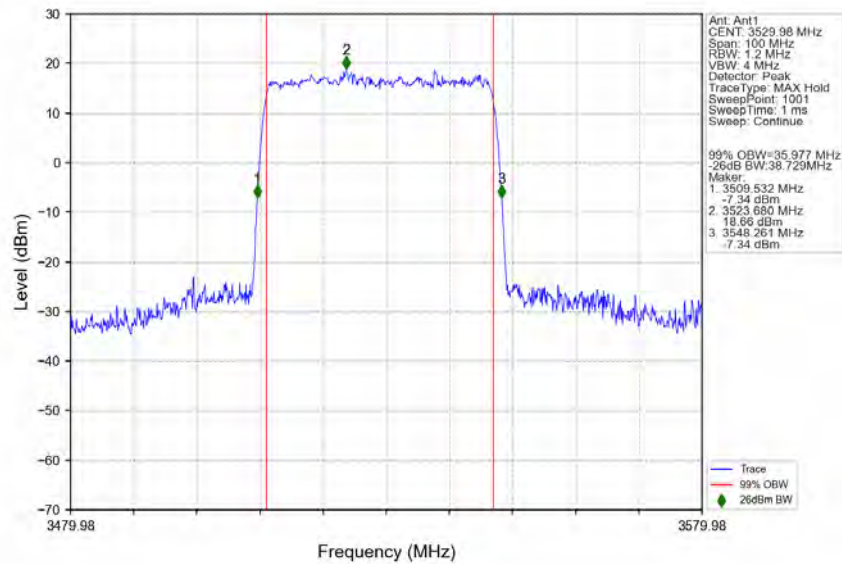
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3470.01MHz_Outer_Full_Ant1



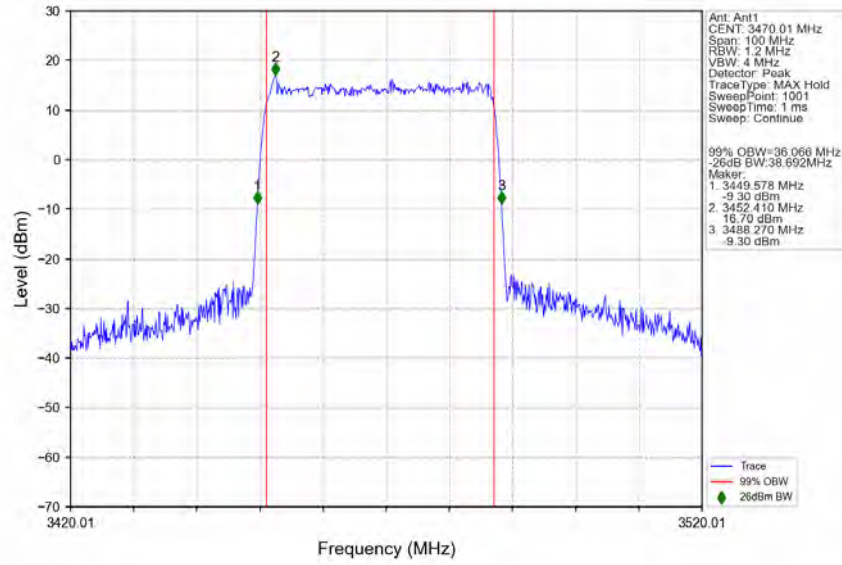
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



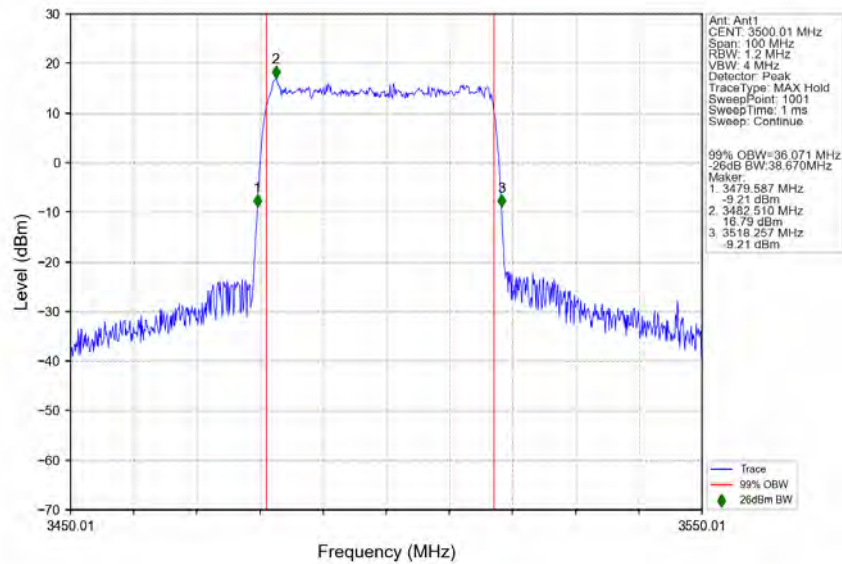
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3529.98MHz_Outer_Full_Ant1



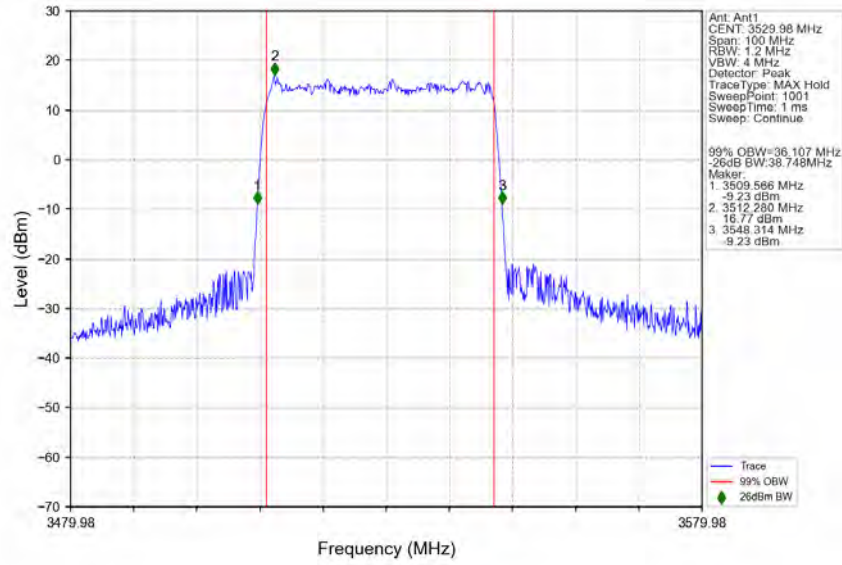
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3470.01MHz_Outer_Full_Ant1



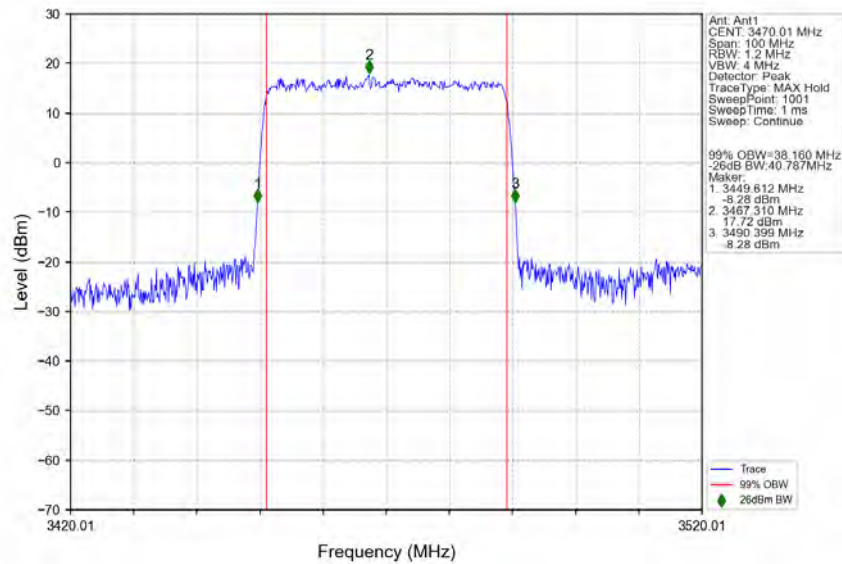
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



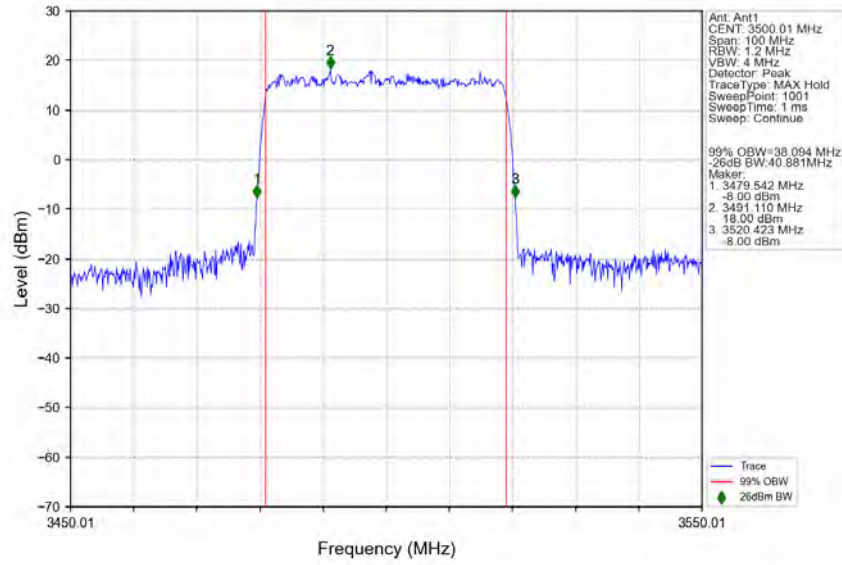
n77d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3529.98MHz_Outer_Full_Ant1



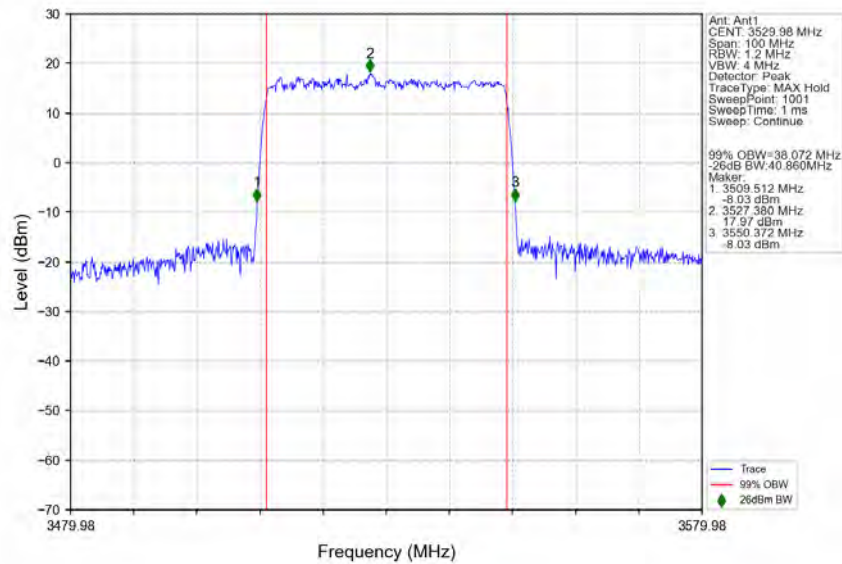
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3470.01MHz_Outer_Full_Ant1



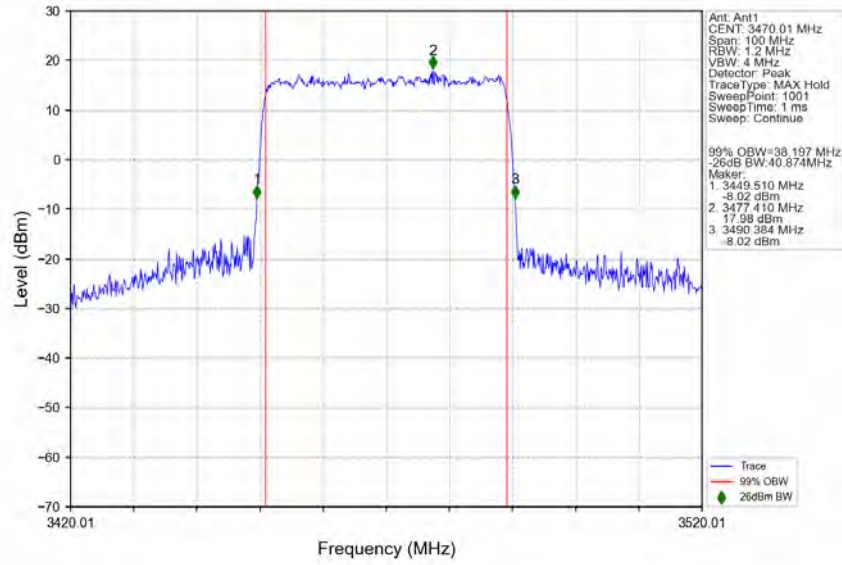
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



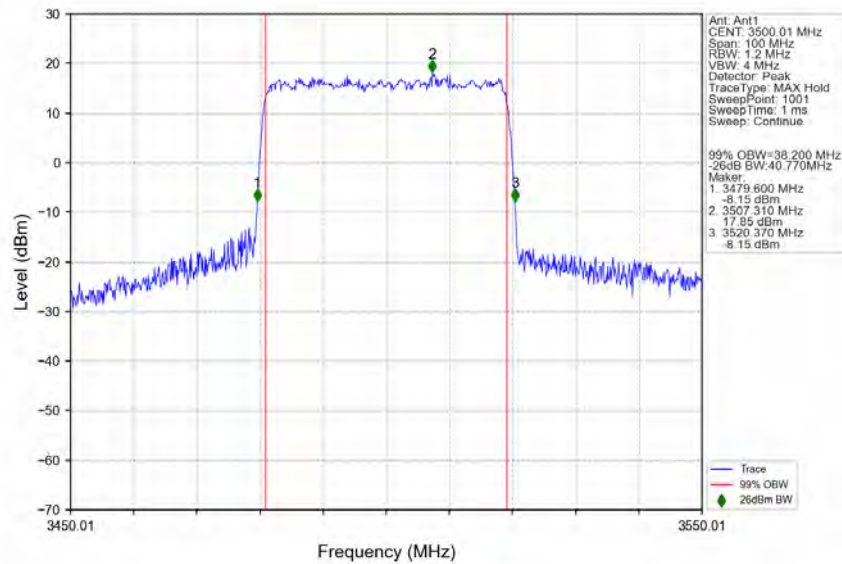
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.98MHz_Outer_Full_Ant1



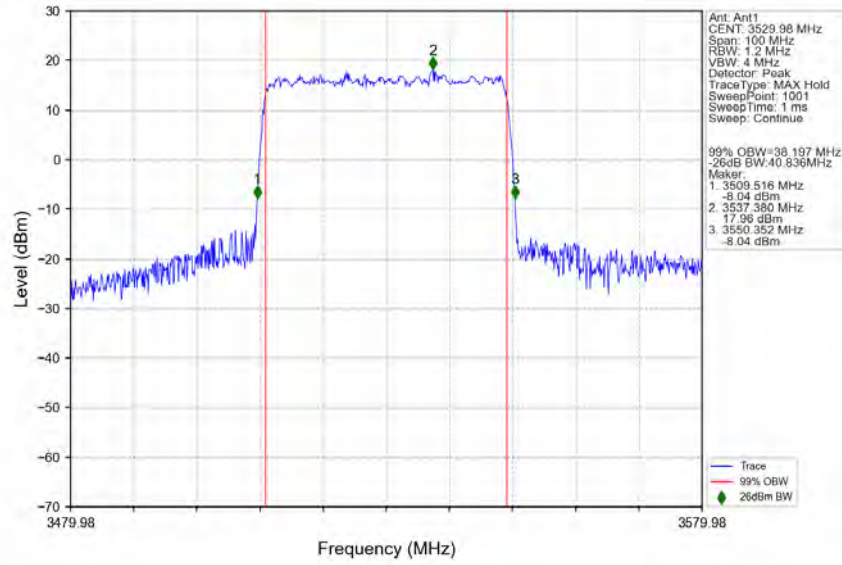
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3470.01MHz_Outer_Full_Ant1



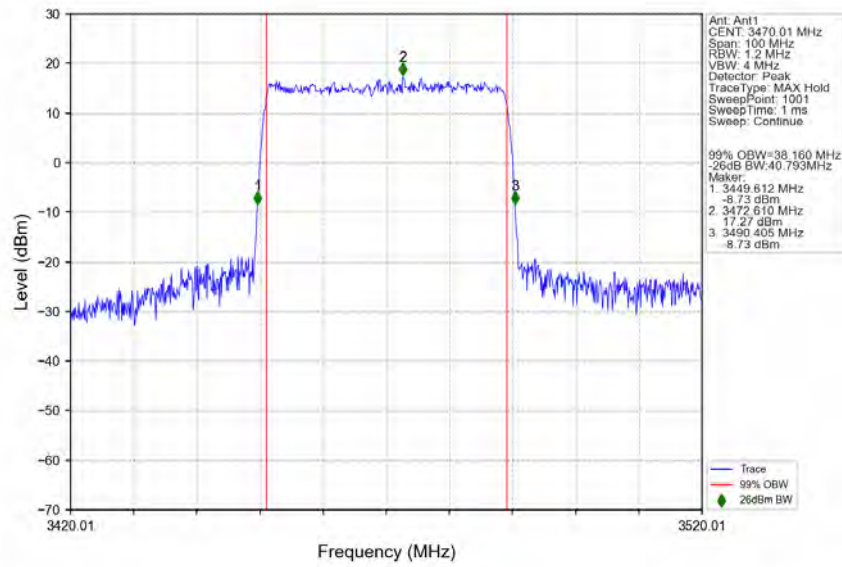
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



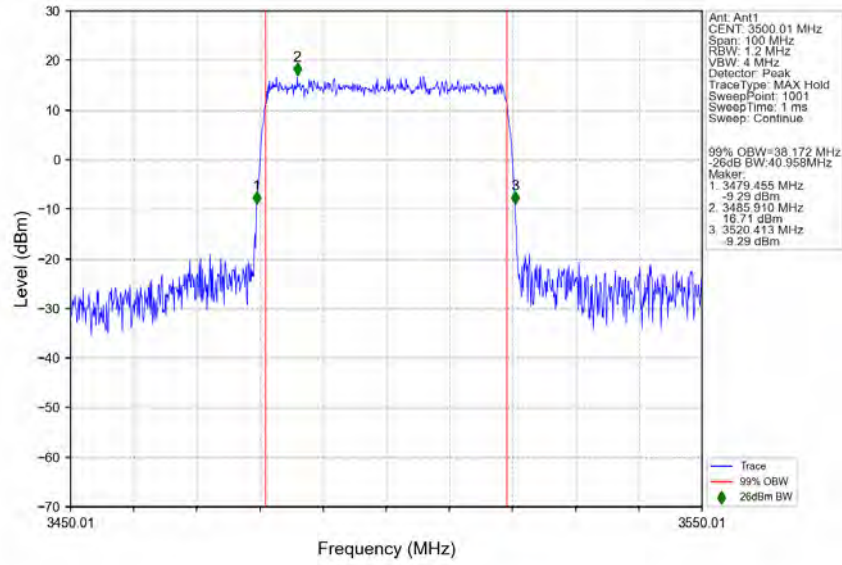
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 3529.98MHz_Outer_Full_Ant1



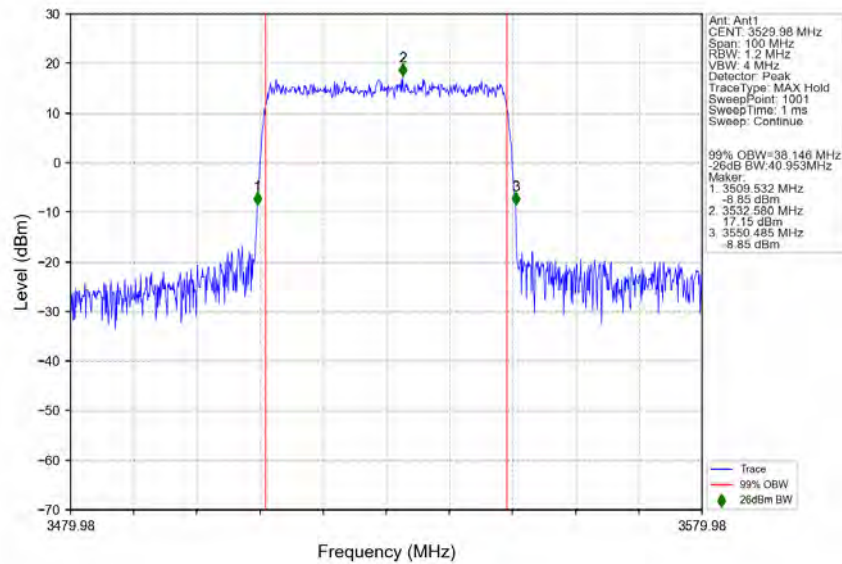
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 3470.01MHz_Outer_Full_Ant1



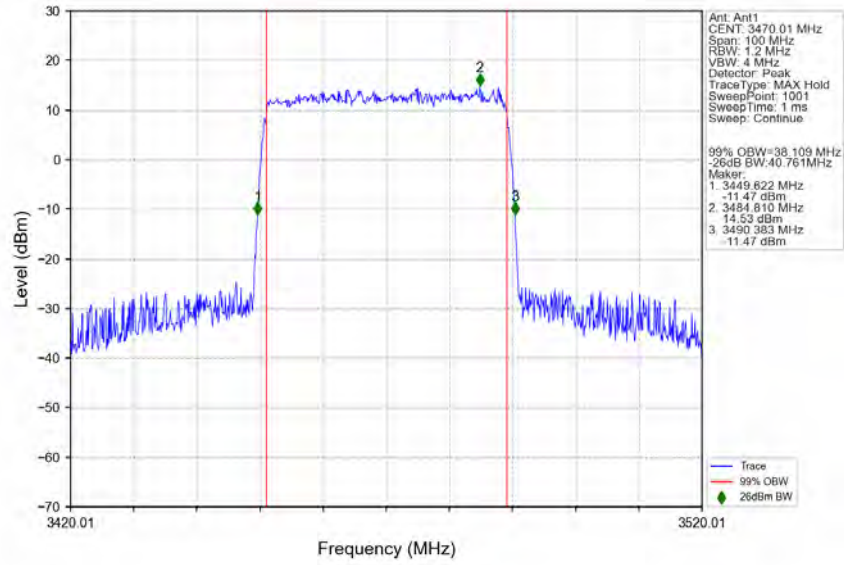
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



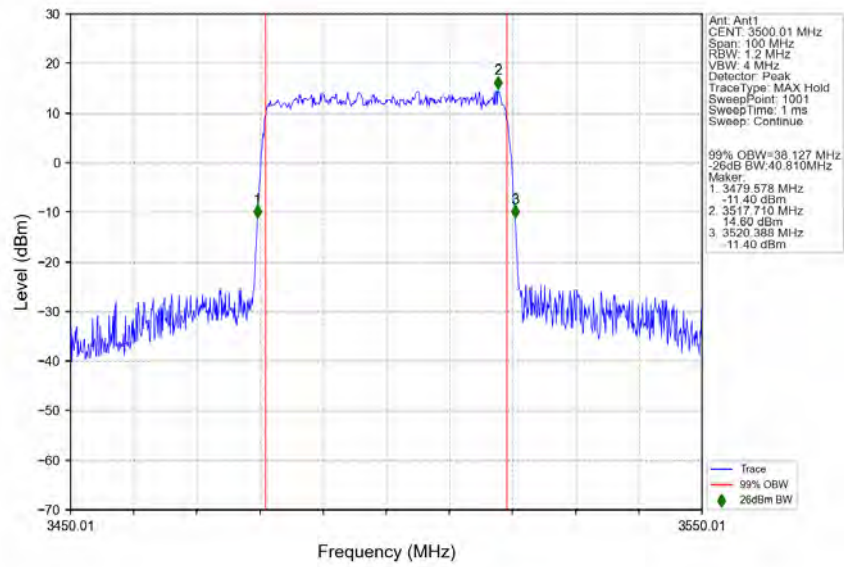
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 3529.98MHz_Outer_Full_Ant1



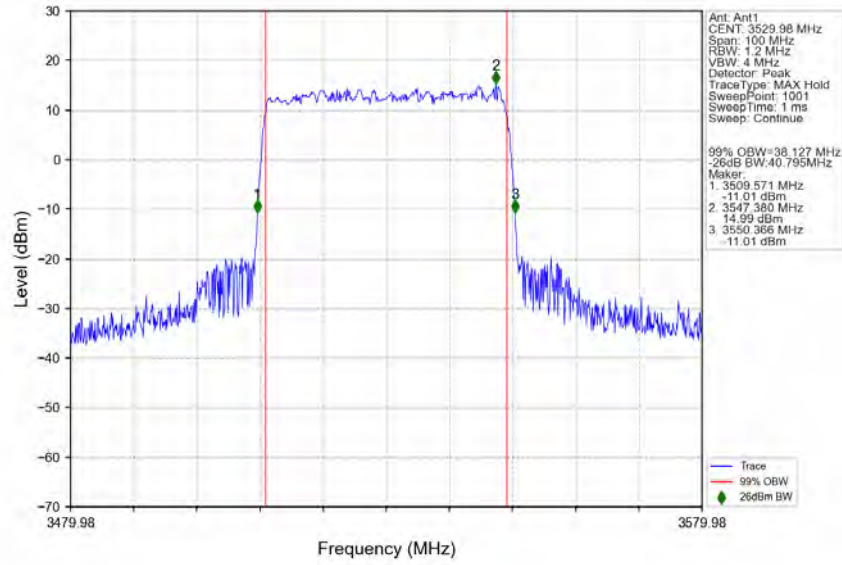
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3470.01MHz_Outer_Full_Ant1



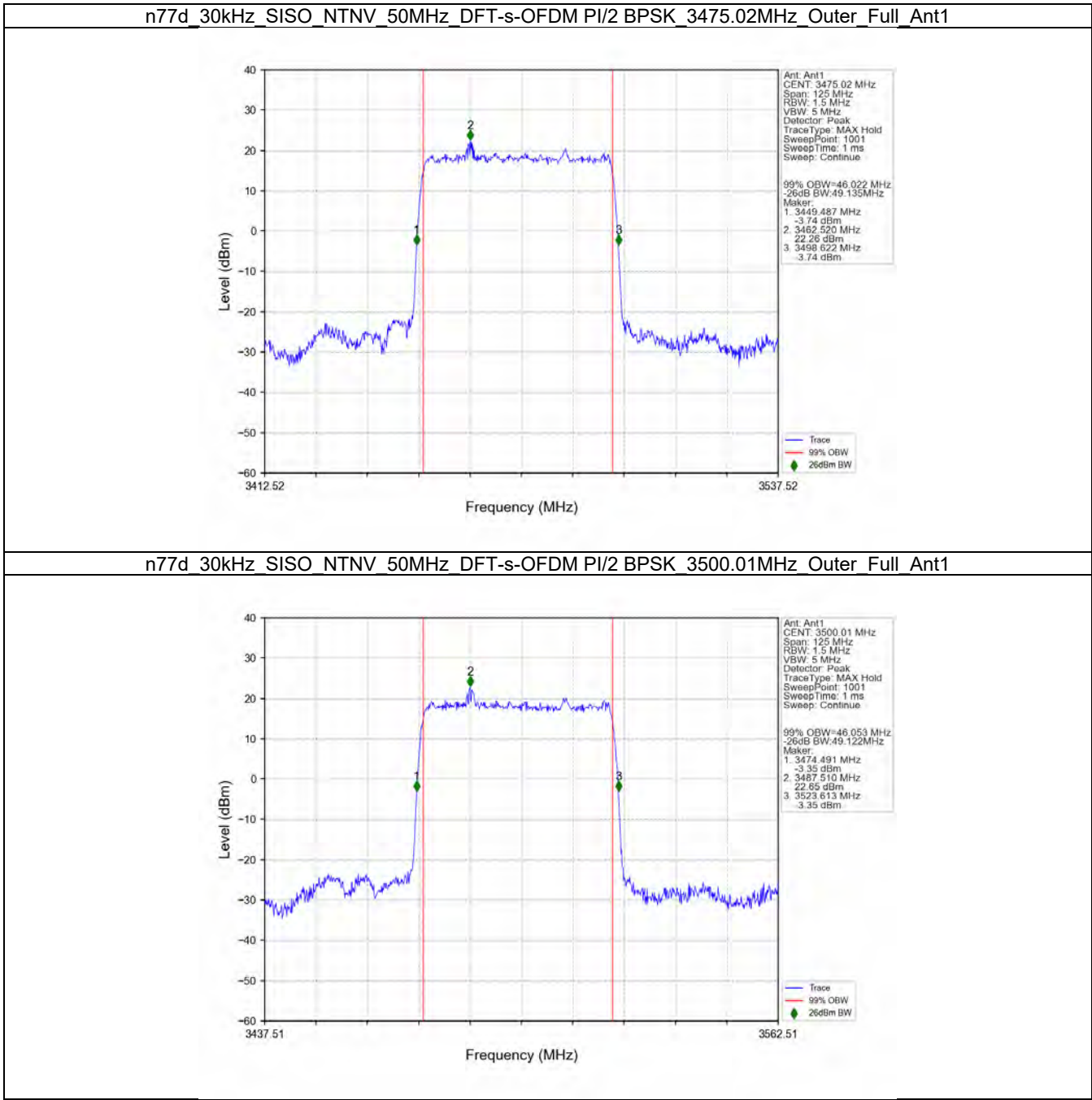
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



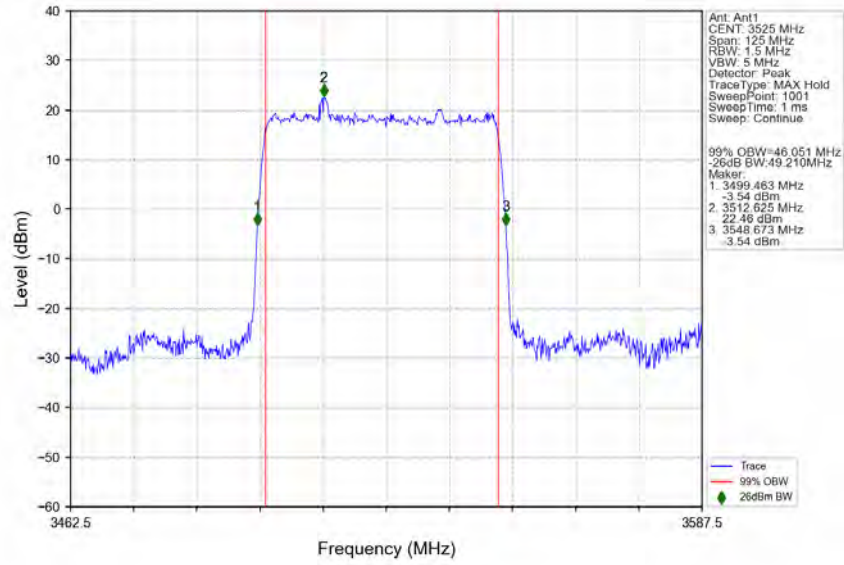
n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3529.98MHz_Outer_Full_Ant1



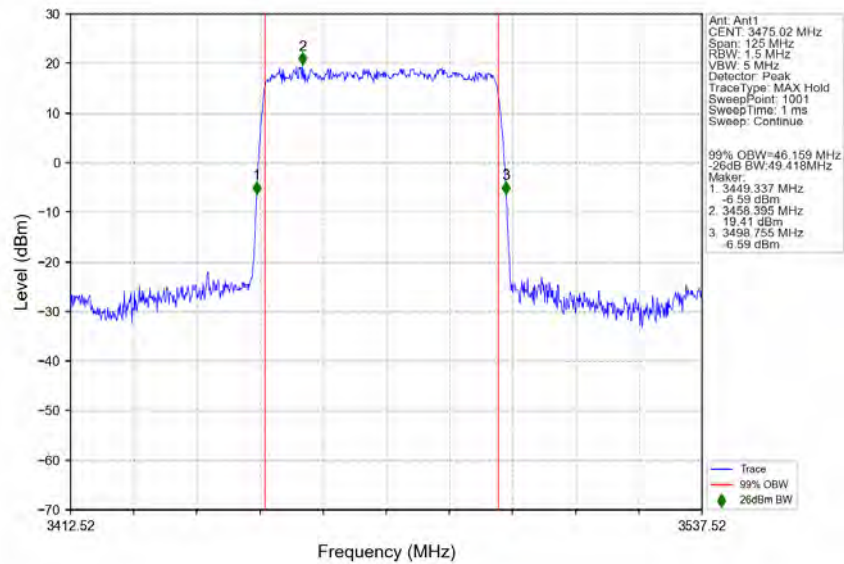
3.2.5 30k_SISO_50MHz_NTNV



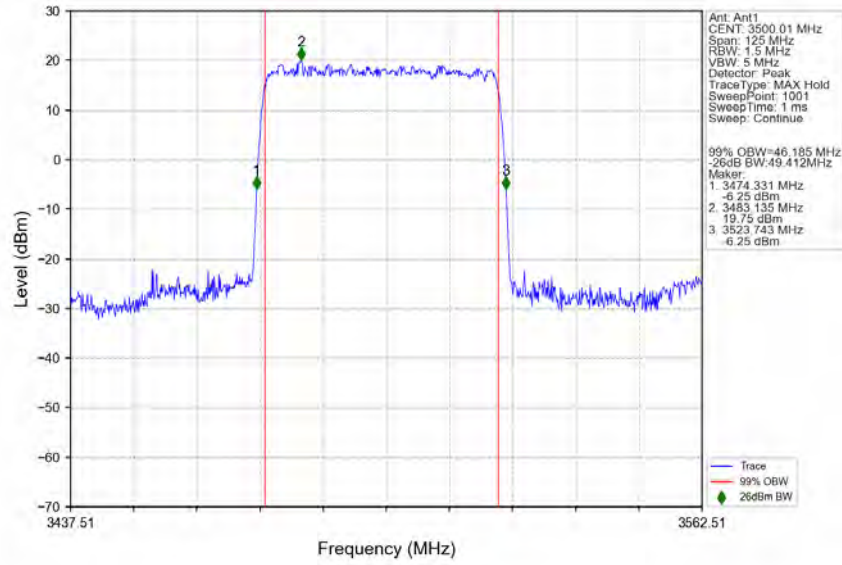
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3525MHz_Outer_Full_Ant1



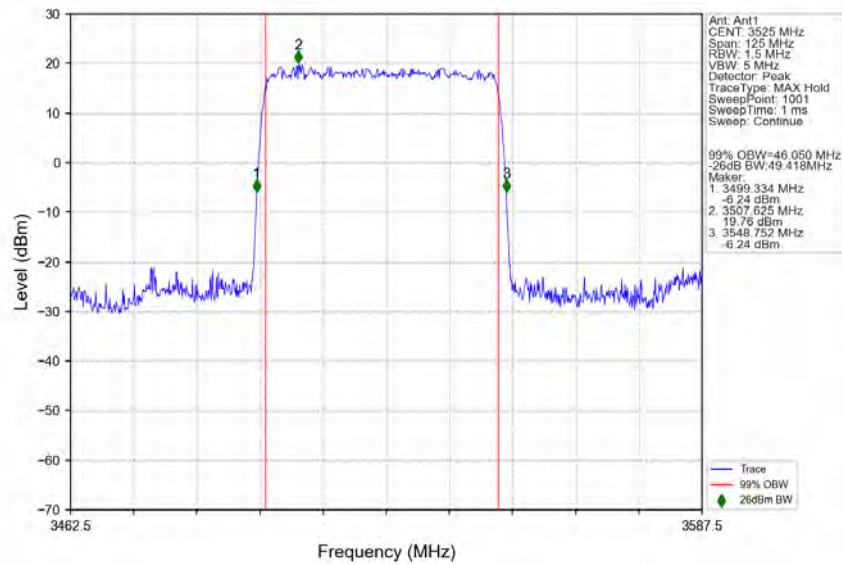
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.02MHz_Outer_Full_Ant1



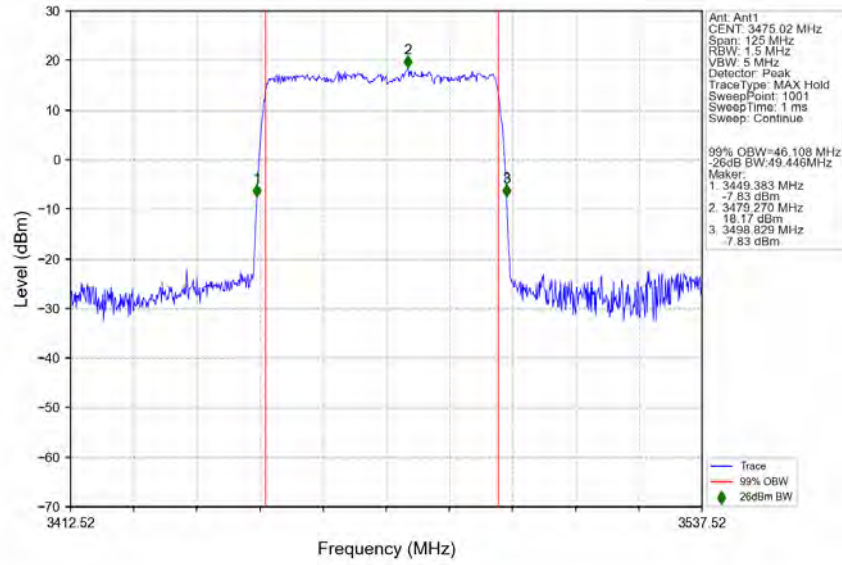
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



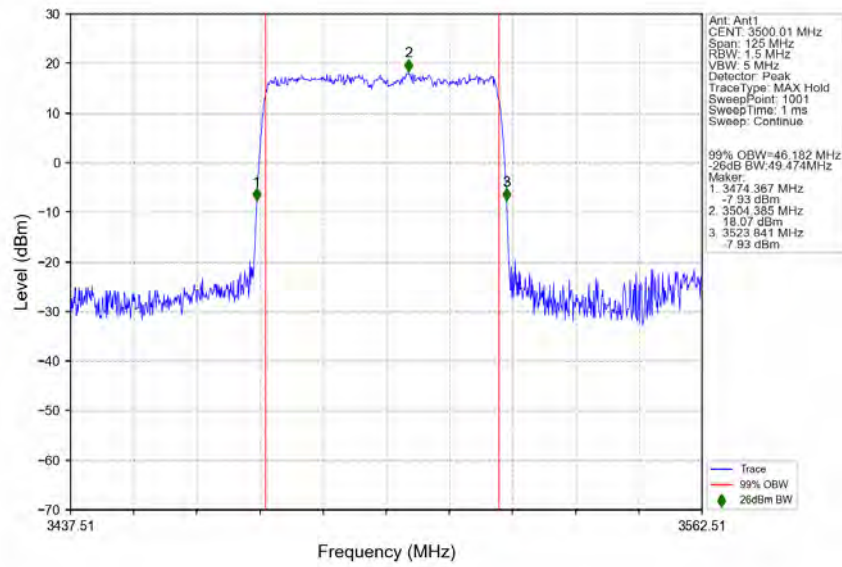
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Outer_Full_Ant1



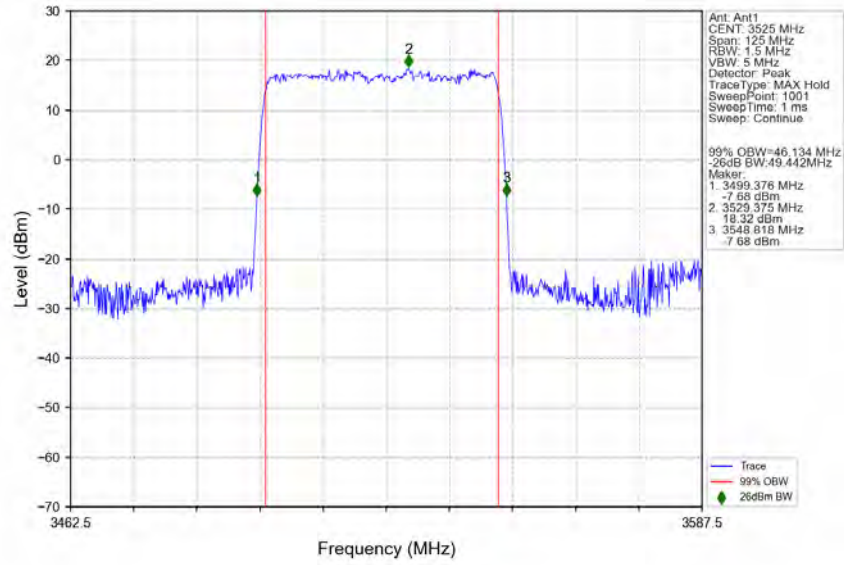
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3475.02MHz_Outer_Full_Ant1



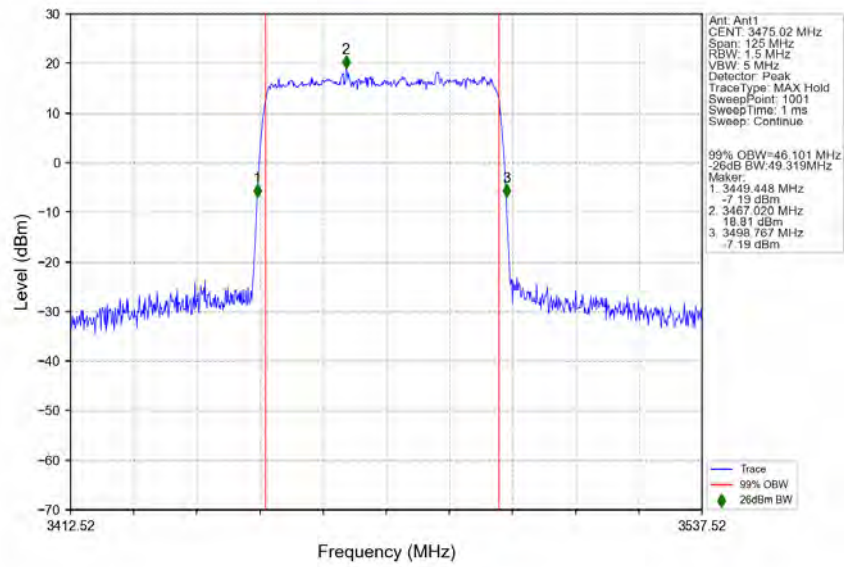
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



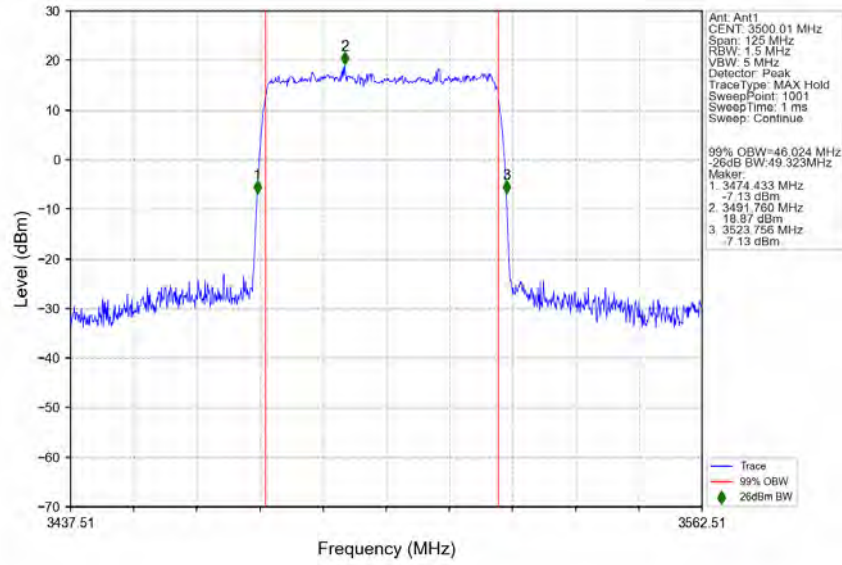
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM 3525MHz_Outer_Full_Ant1



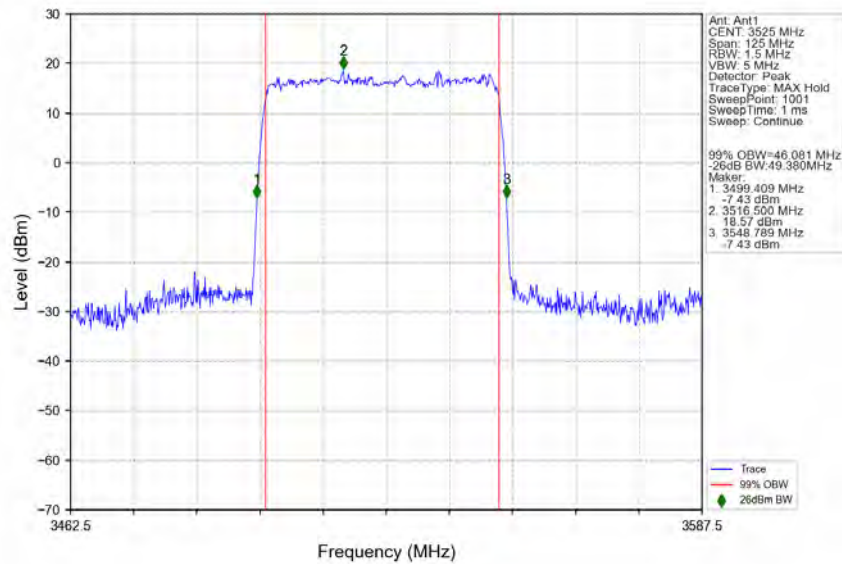
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM 3475.02MHz_Outer_Full_Ant1



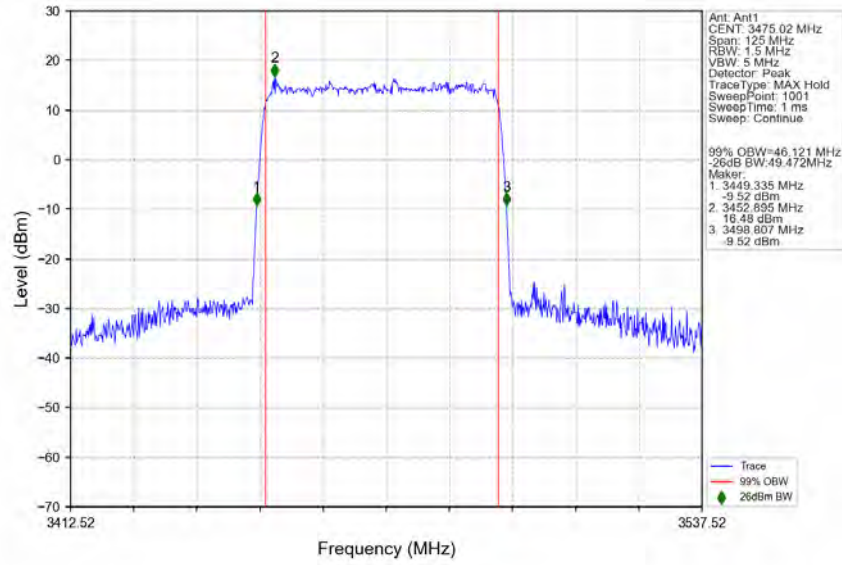
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



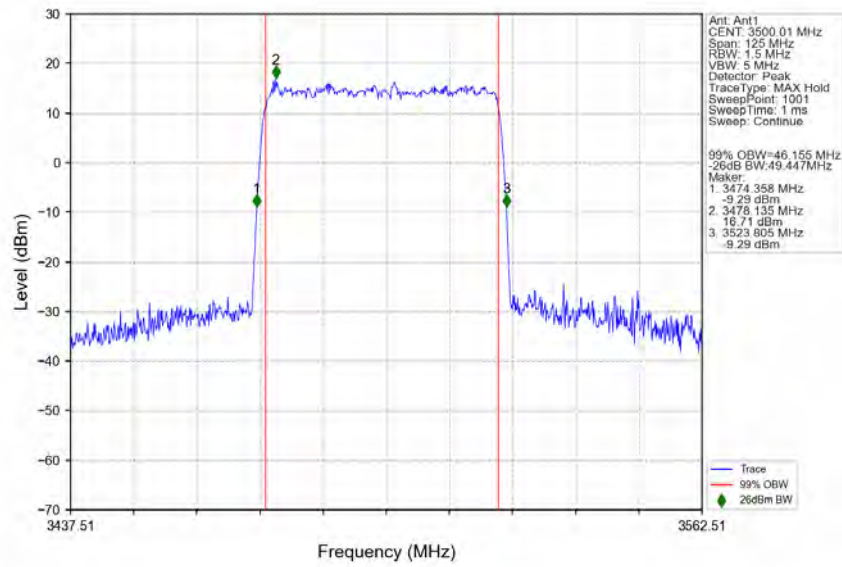
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3525MHz_Outer_Full_Ant1



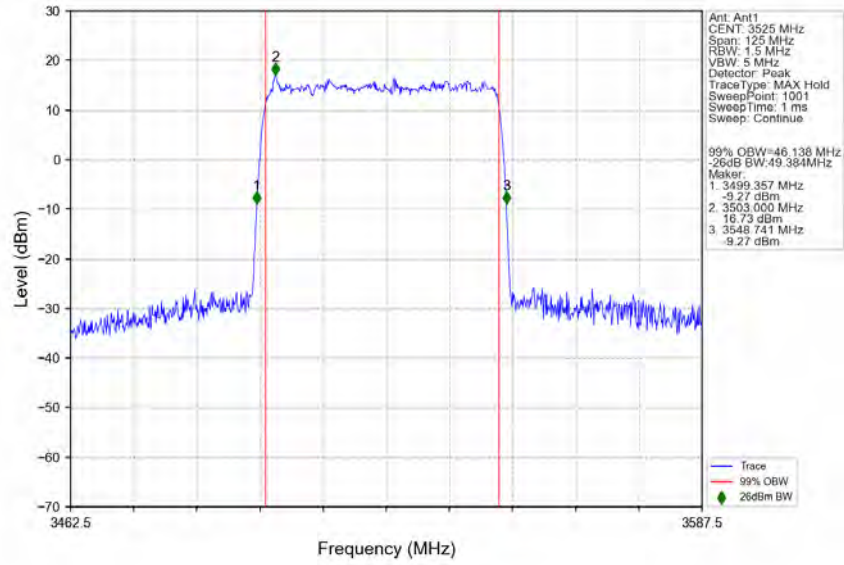
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_3475.02MHz_Outer_Full_Ant1



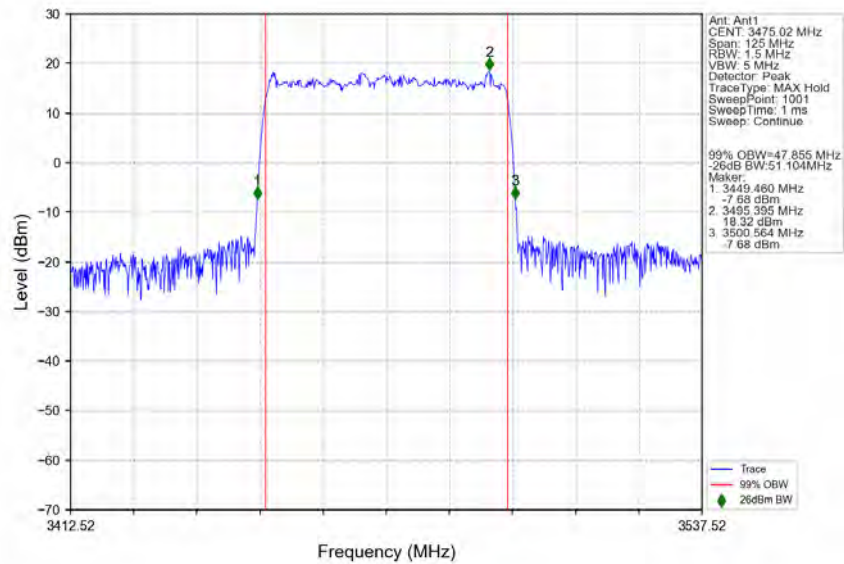
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



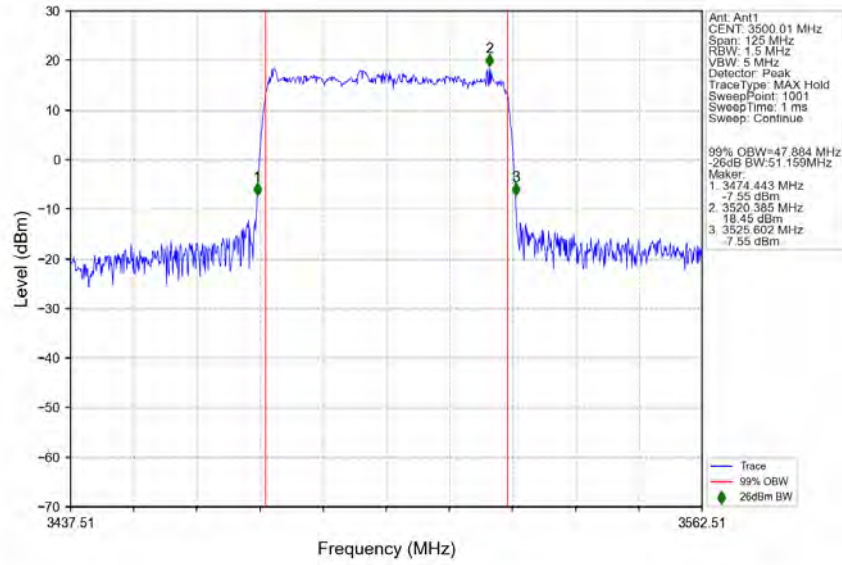
n77d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_3525MHz_Outer_Full_Ant1



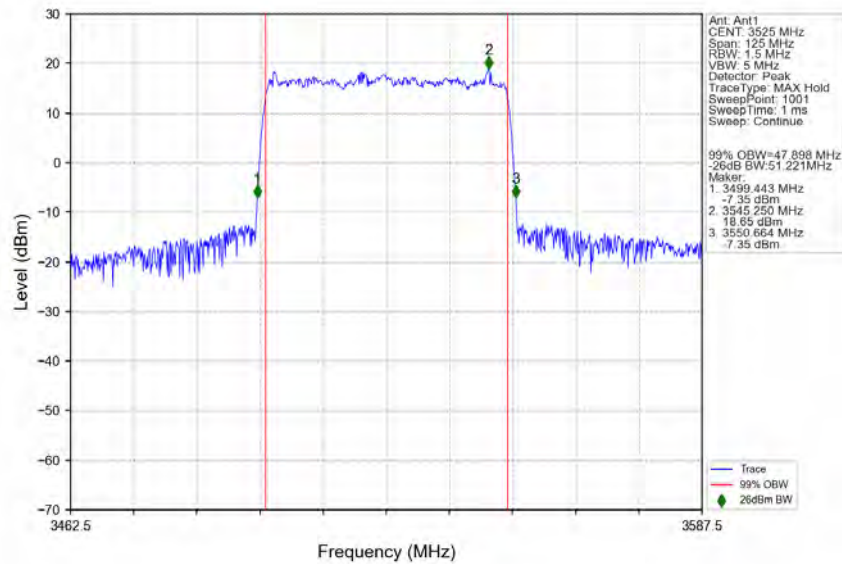
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3475.02MHz_Outer_Full_Ant1



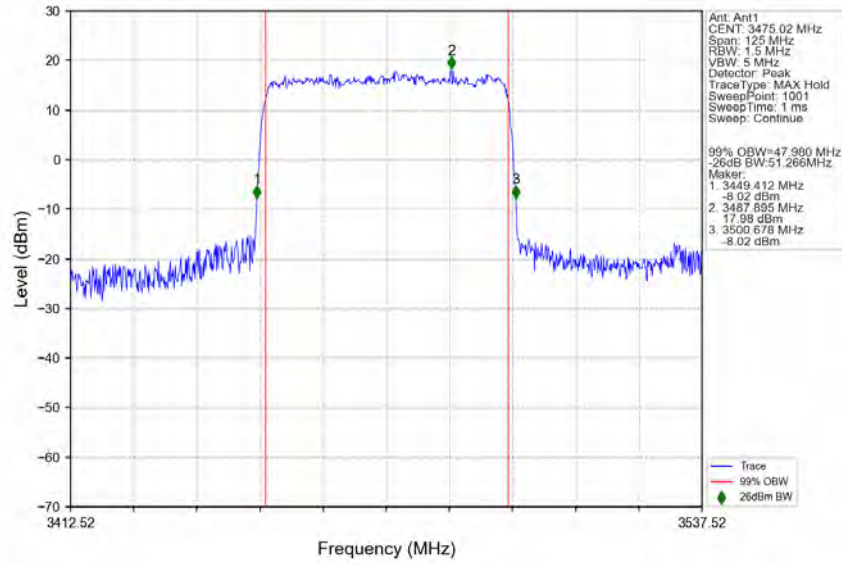
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



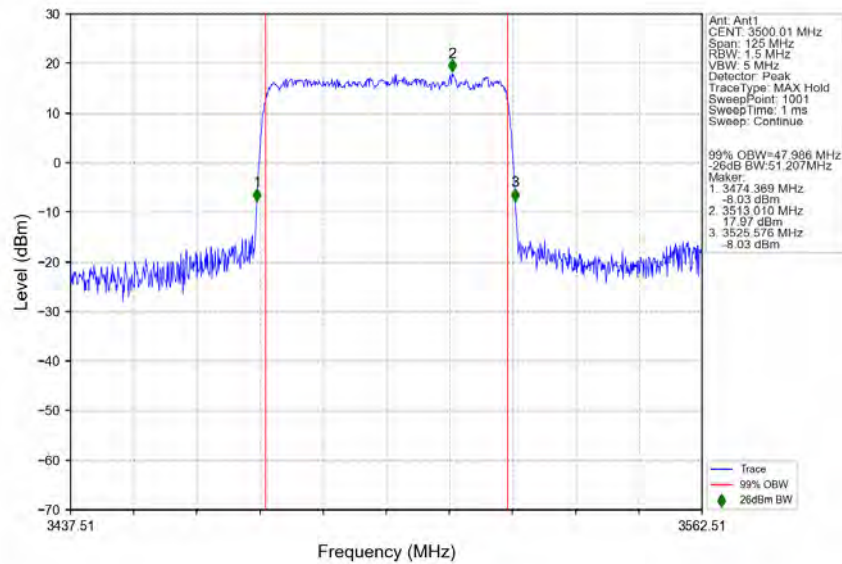
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Outer_Full_Ant1



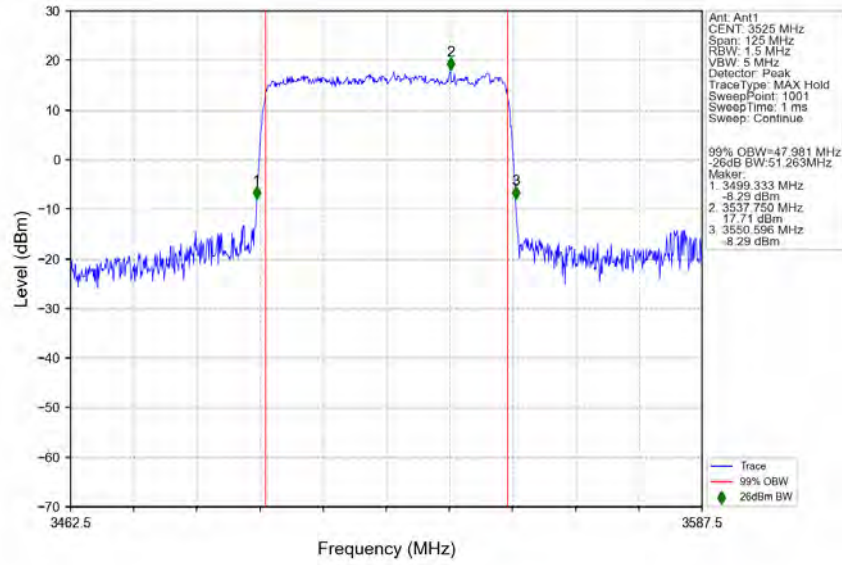
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3475.02MHz_Outer_Full_Ant1



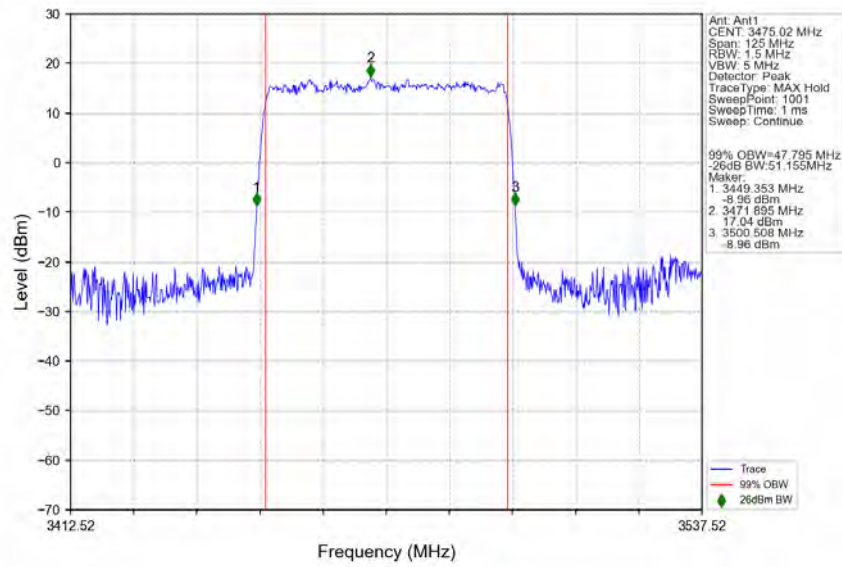
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



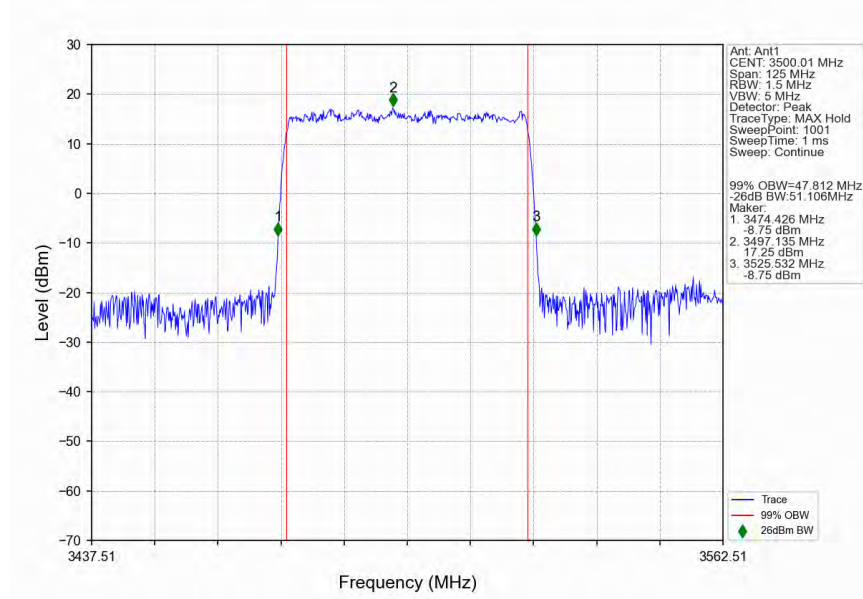
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM 3525MHz_Outer_Full_Ant1



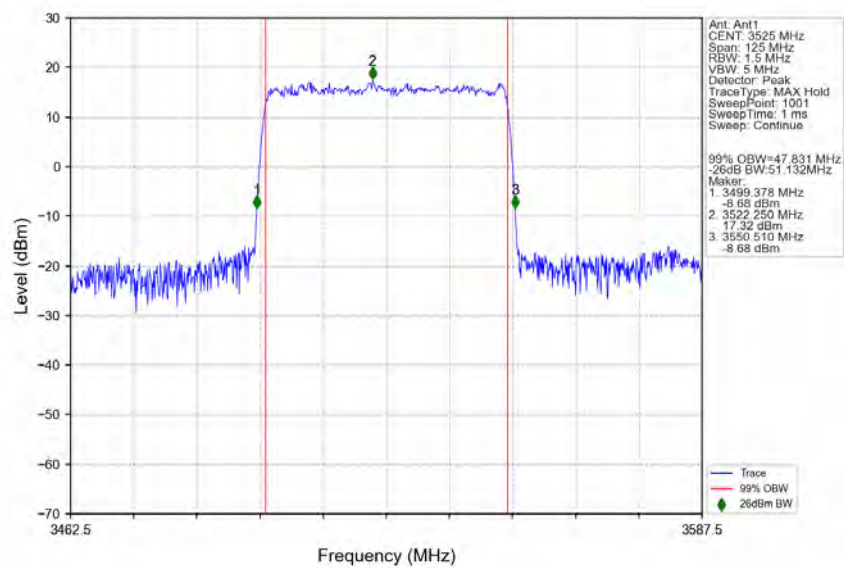
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM 3475.02MHz_Outer_Full_Ant1



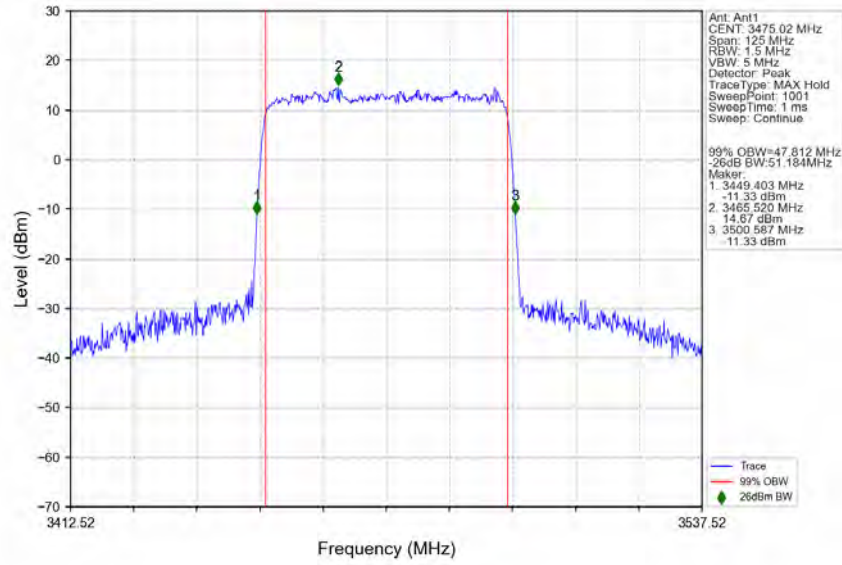
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



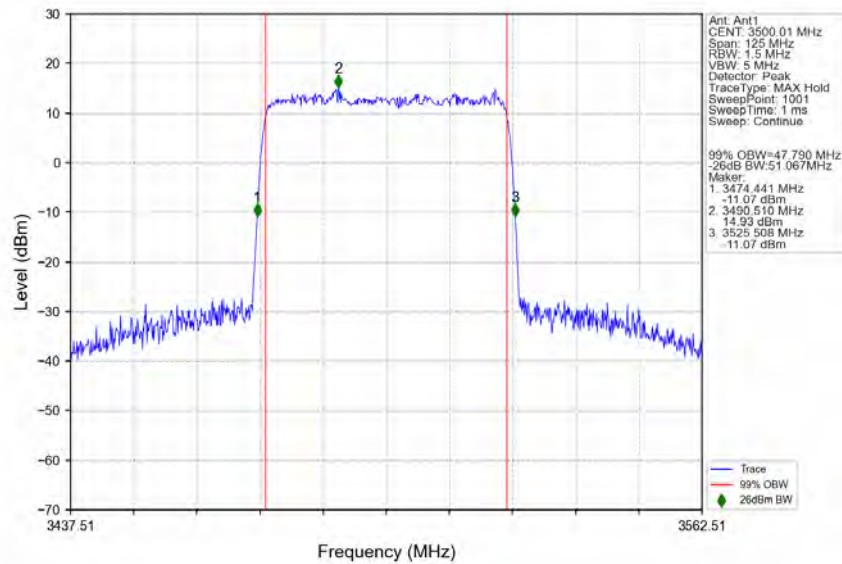
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM 3525MHz_Outer_Full_Ant1



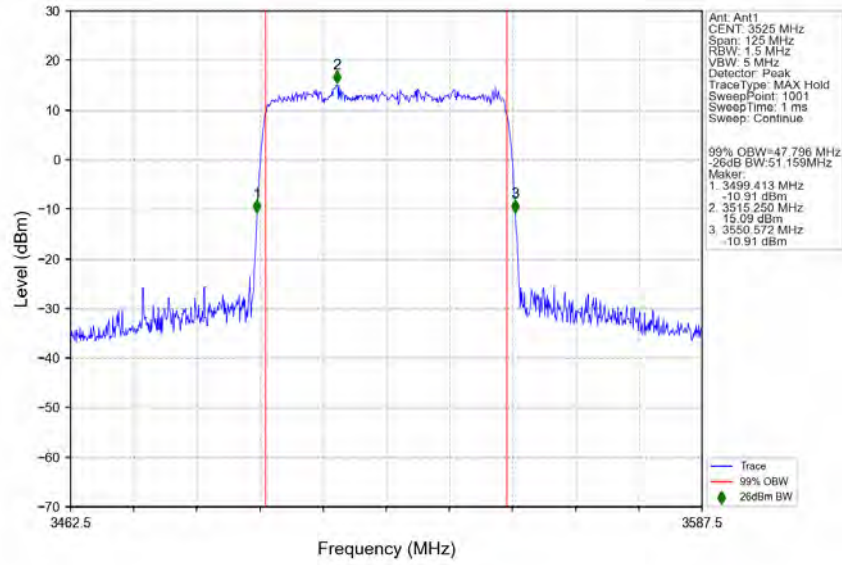
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3475.02MHz_Outer_Full_Ant1



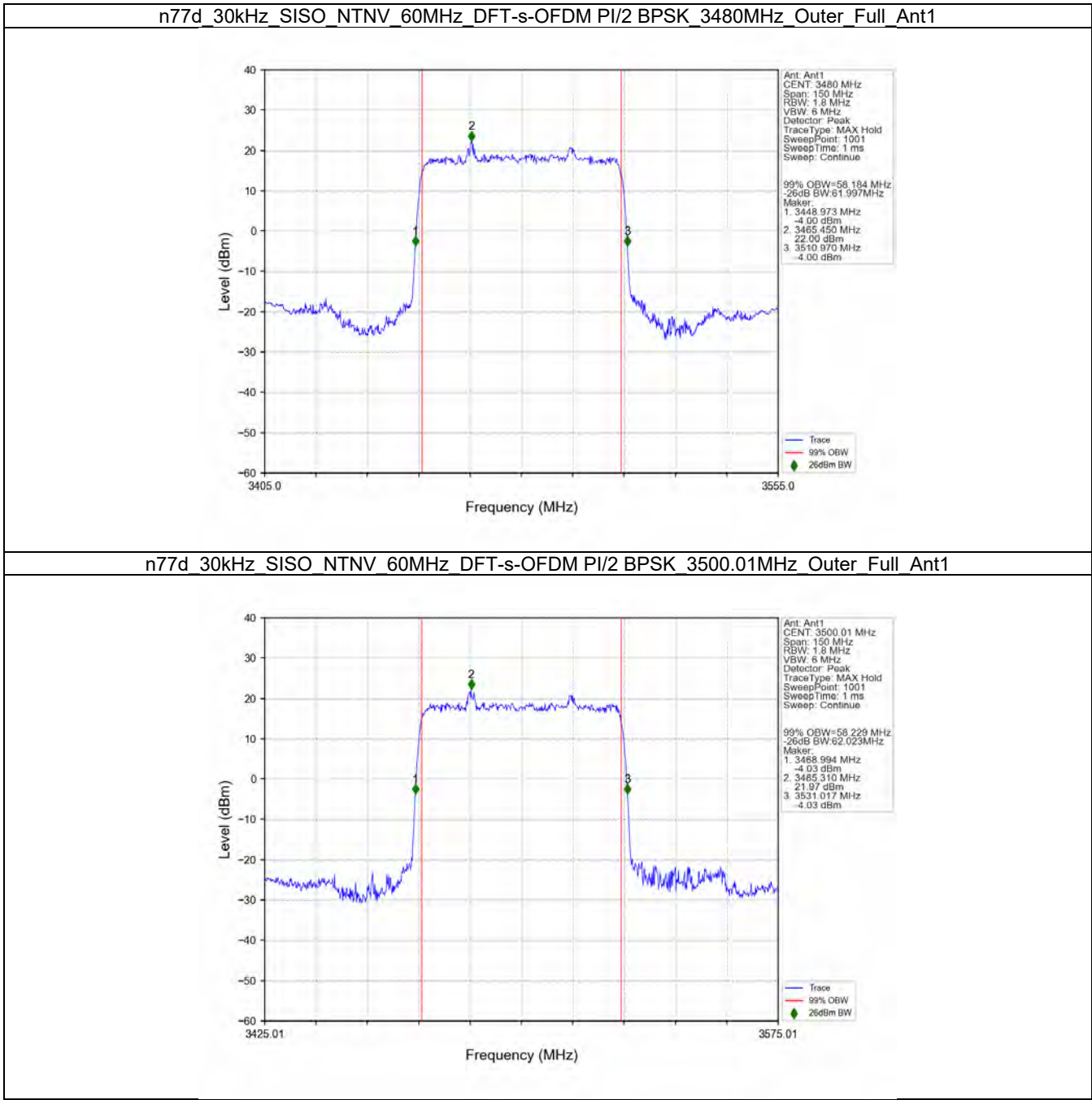
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



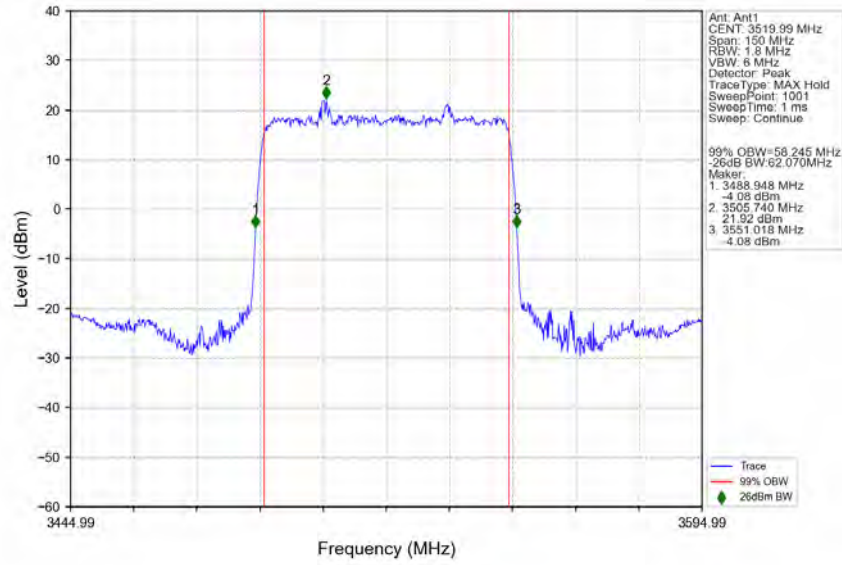
n77d_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3525MHz_Outer_Full_Ant1



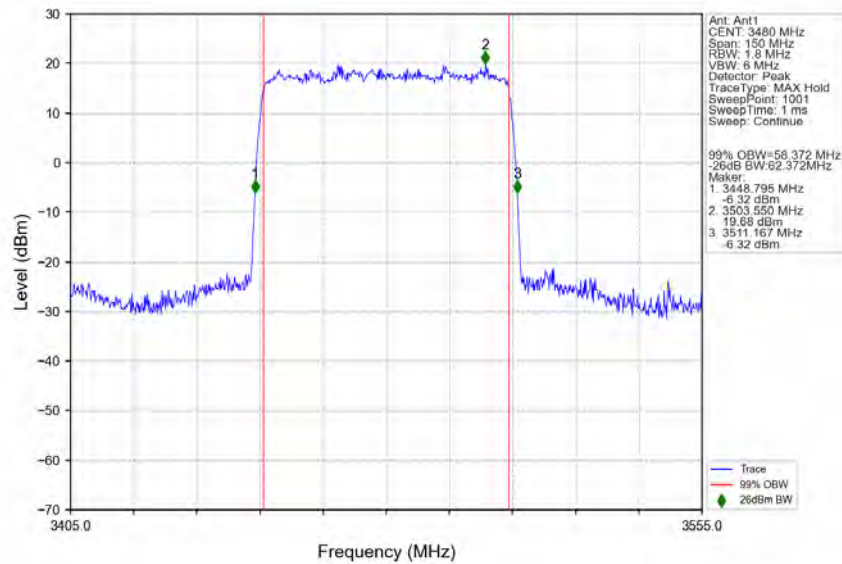
3.2.6 30k_SISO_60MHz_NTNV



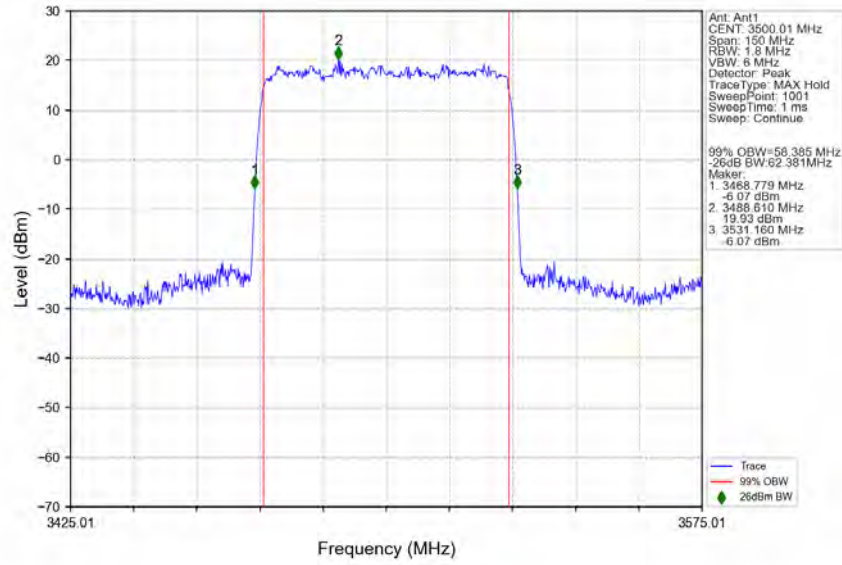
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3519.99MHz_Outer_Full_Ant1



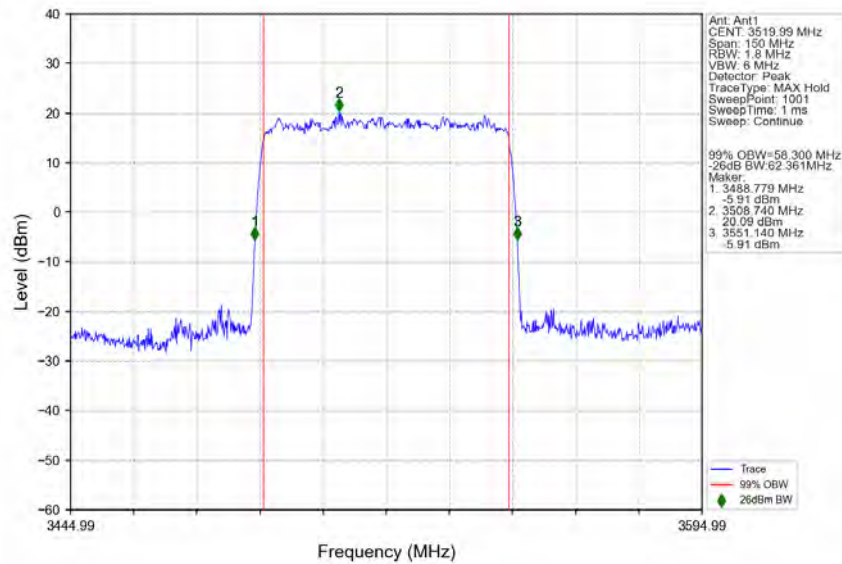
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Outer_Full_Ant1



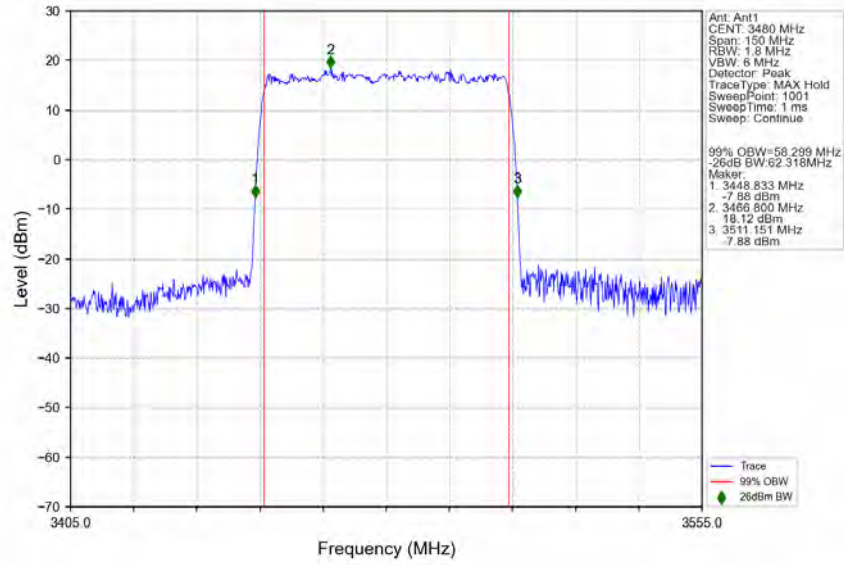
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



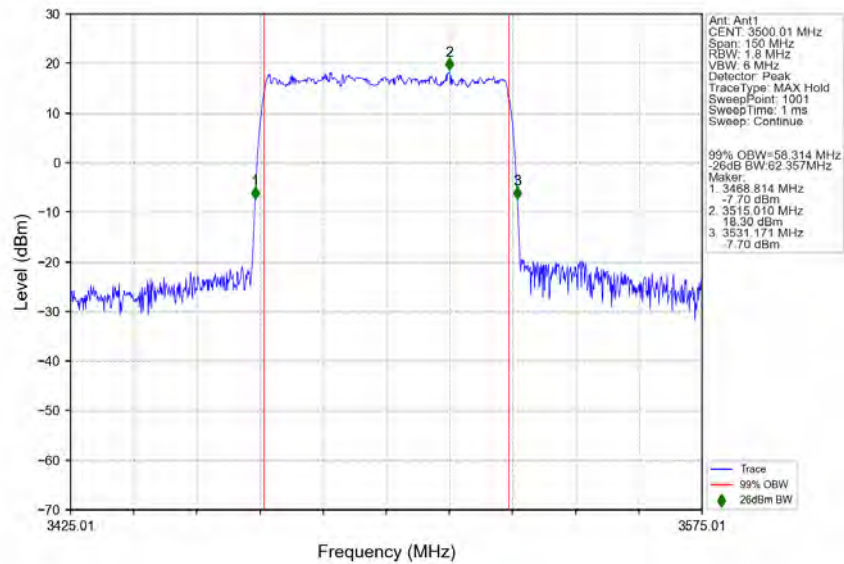
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Outer_Full_Ant1



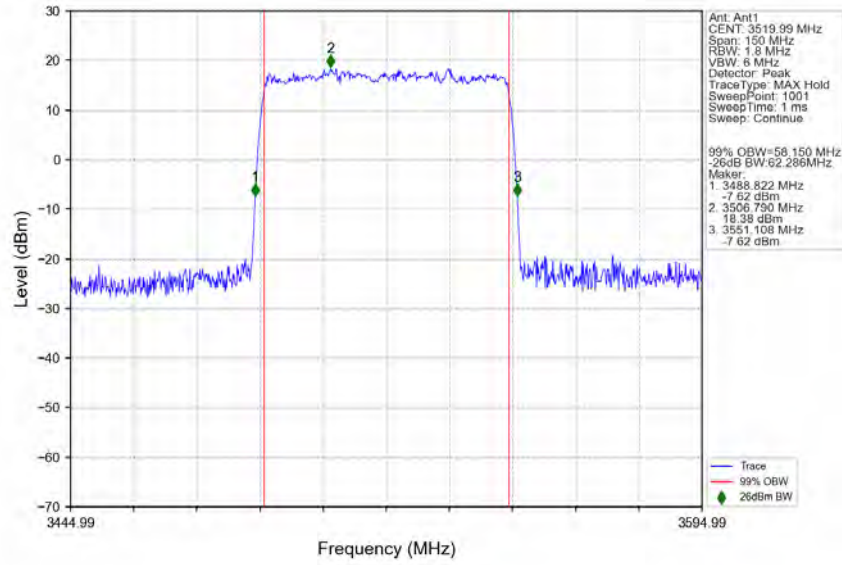
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3480MHz_Outer_Full_Ant1



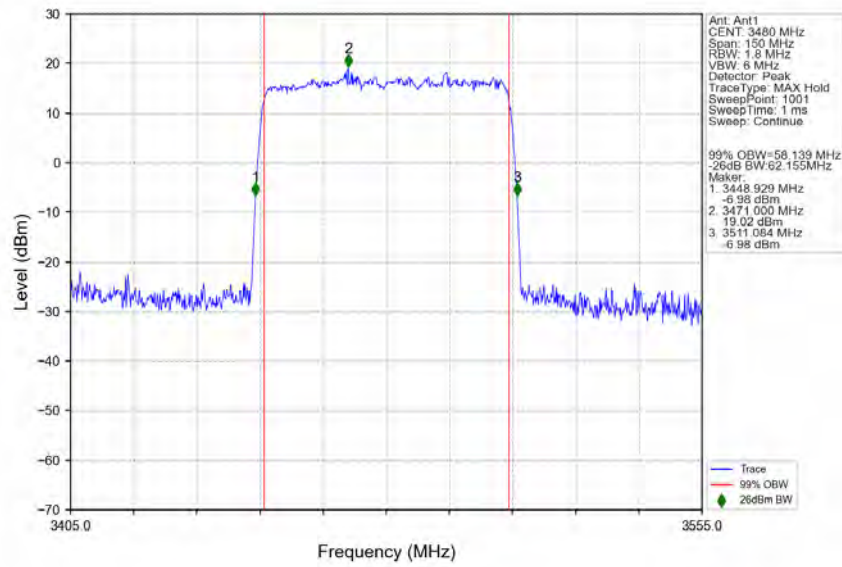
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



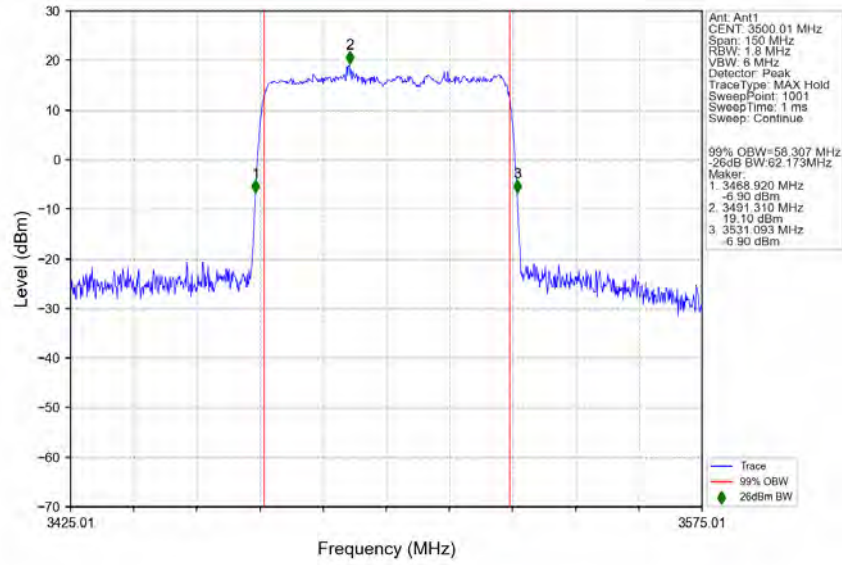
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM 3519.99MHz_Outer_Full_Ant1



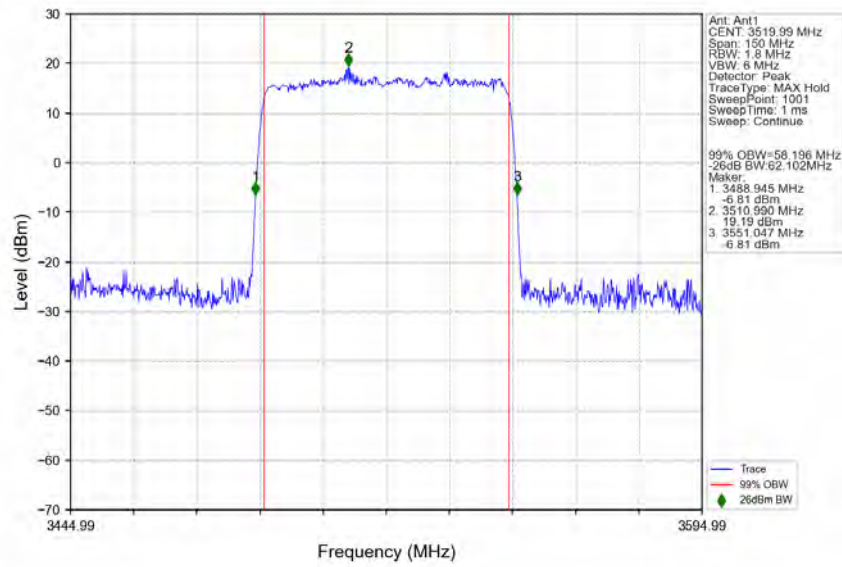
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM 3480MHz_Outer_Full_Ant1



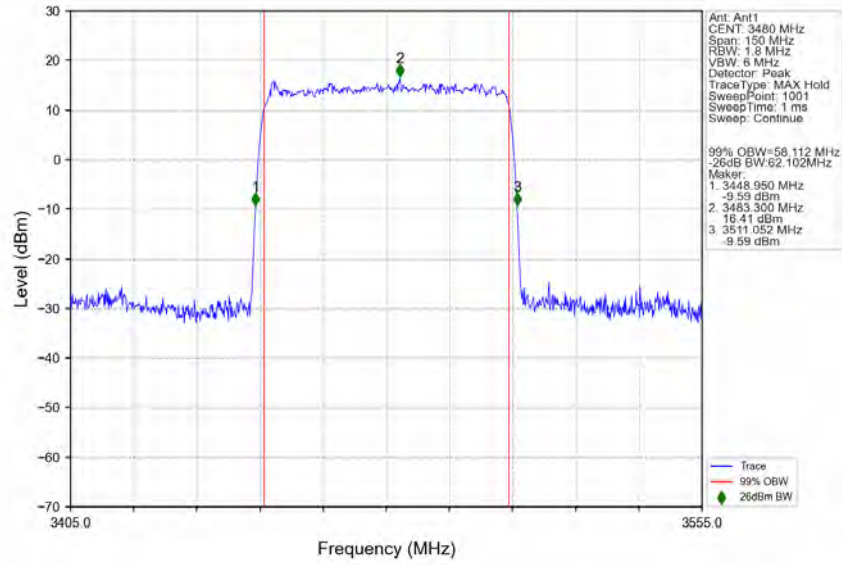
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



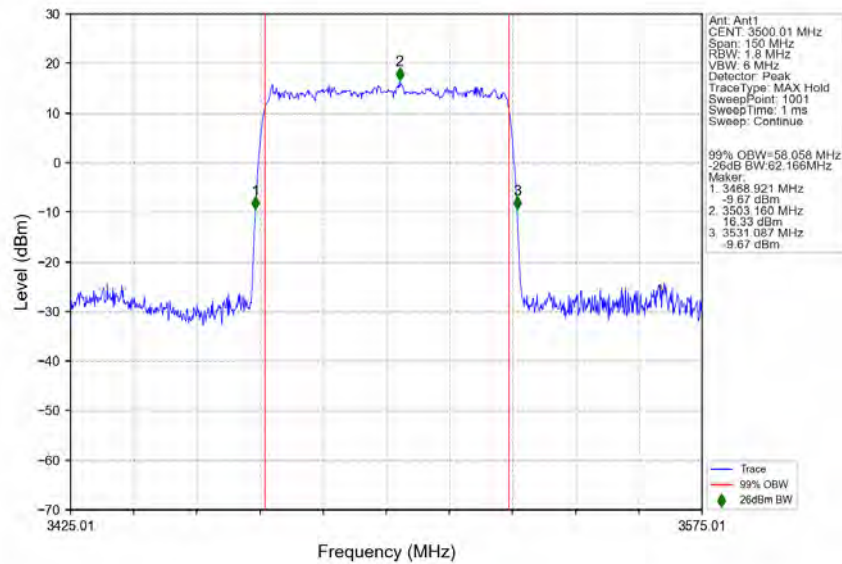
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3519.99MHz_Outer_Full_Ant1



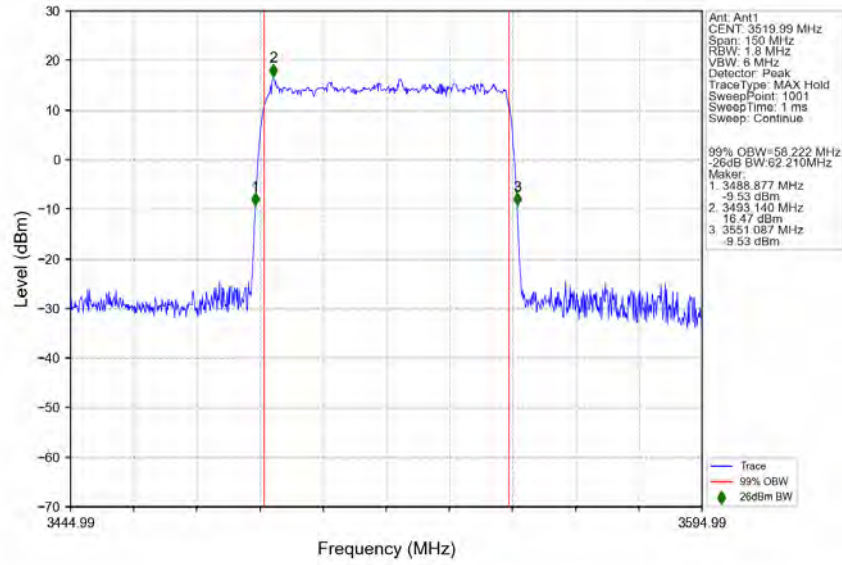
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3480MHz_Outer_Full_Ant1



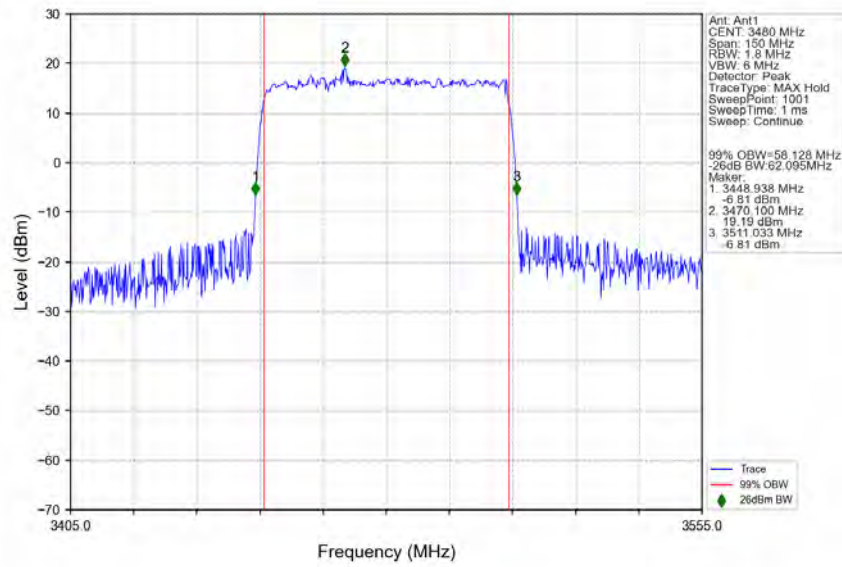
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



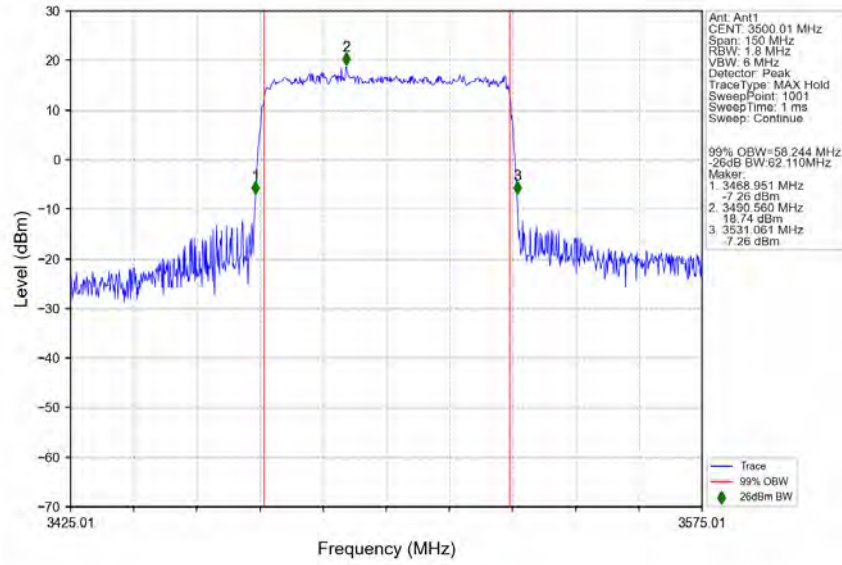
n77d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3519.99MHz_Outer_Full_Ant1



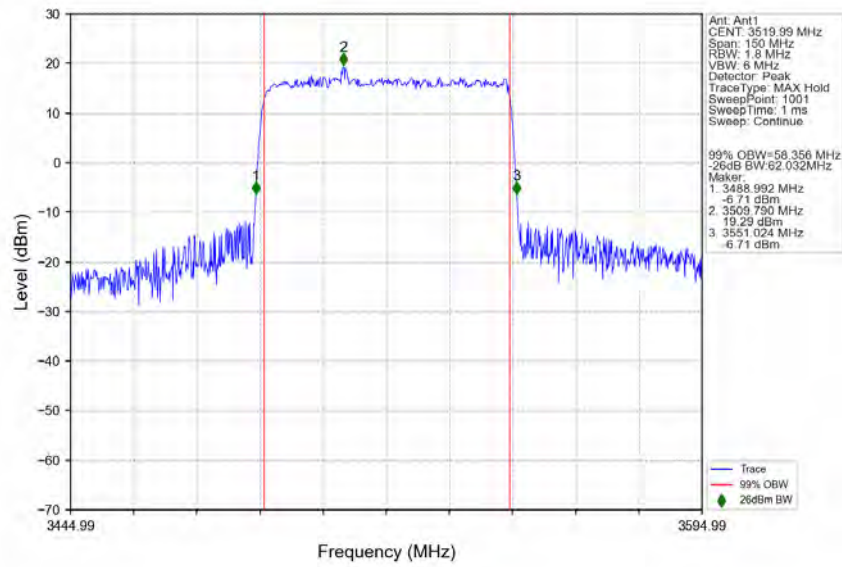
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full_Ant1



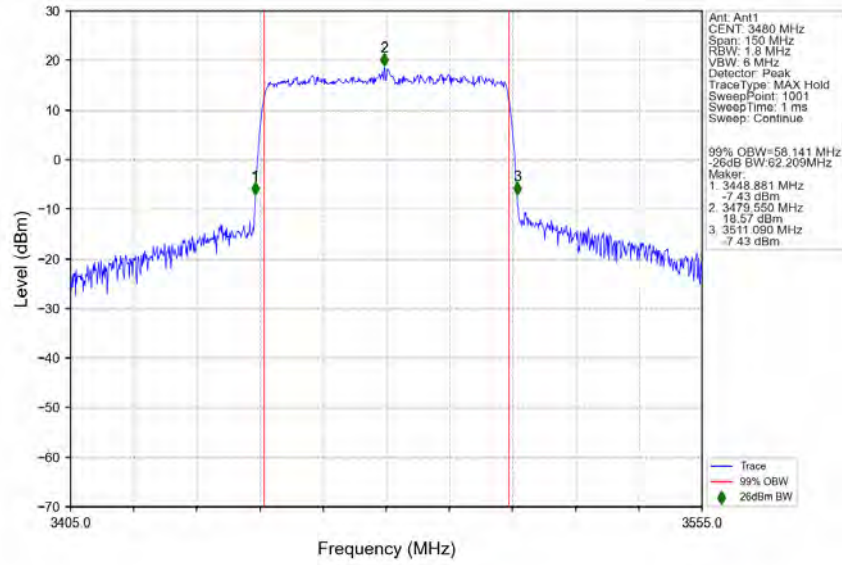
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



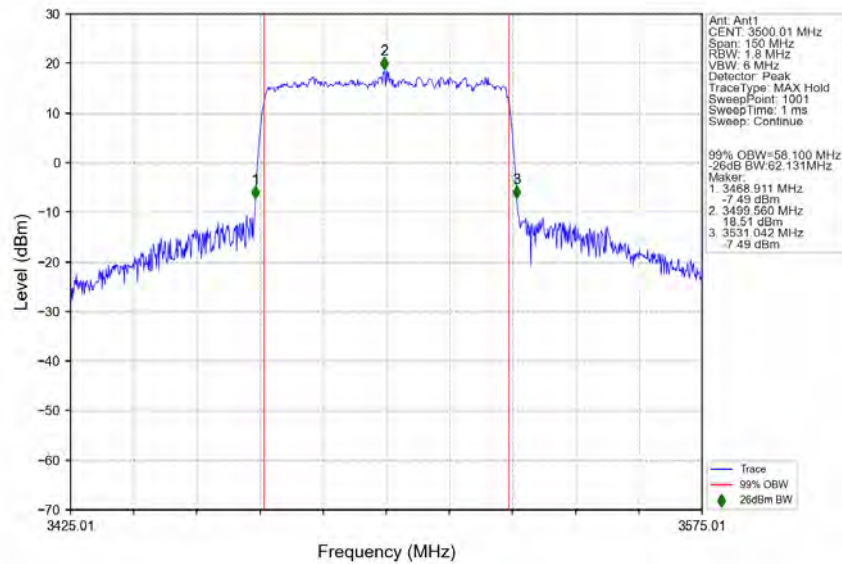
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Outer_Full_Ant1



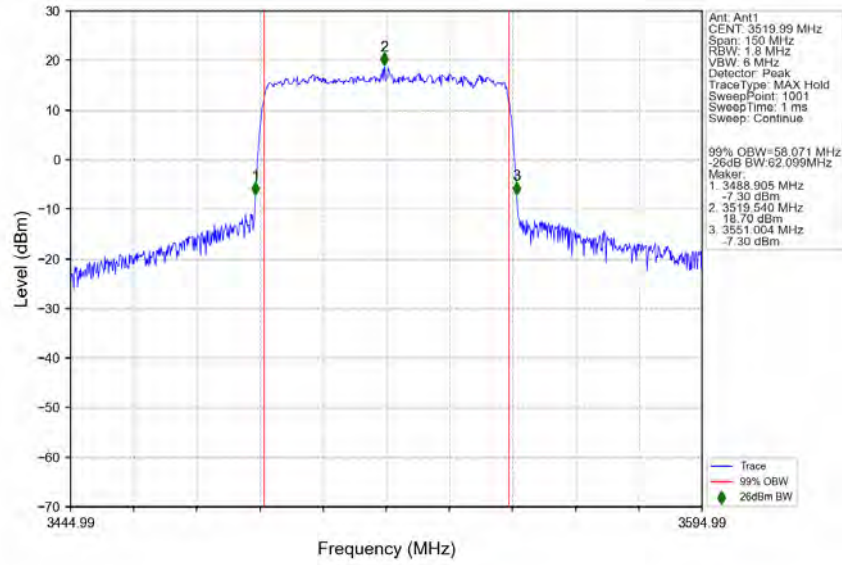
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3480MHz_Outer_Full_Ant1



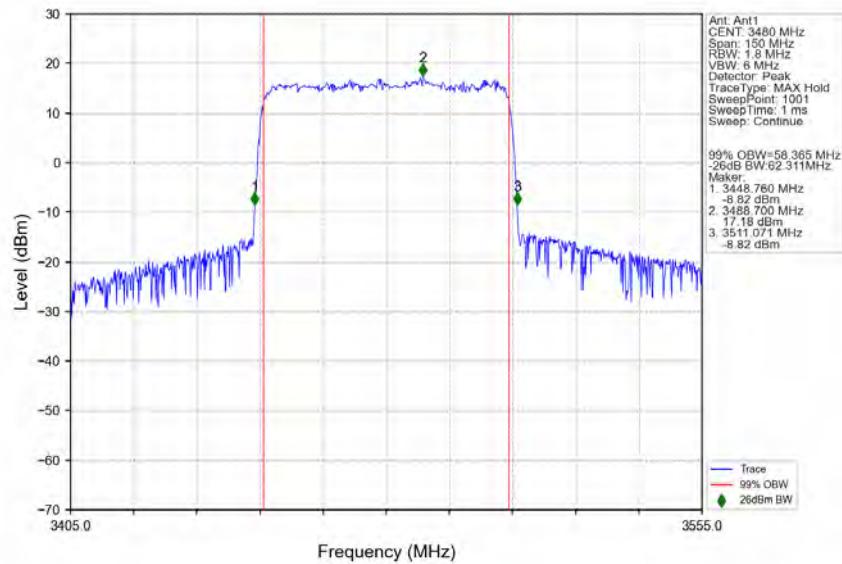
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant1



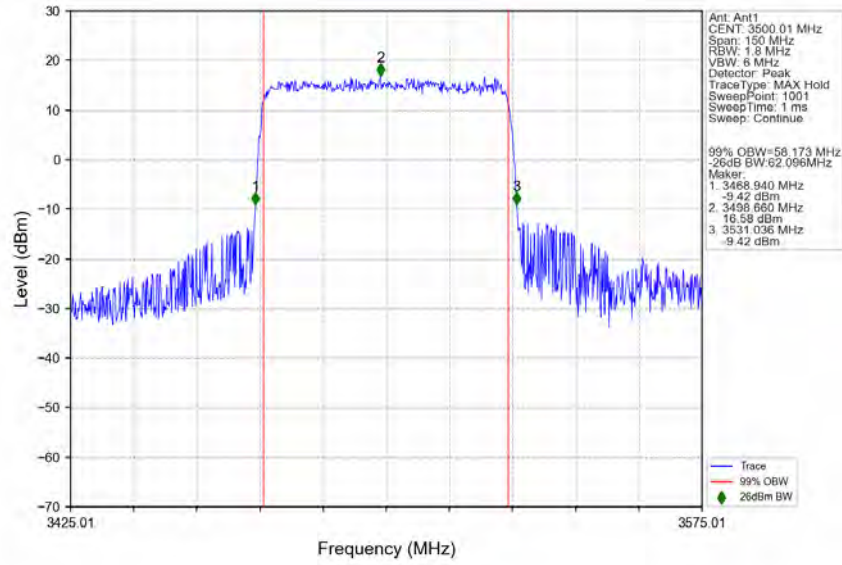
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3519.99MHz_Outer_Full_Ant1



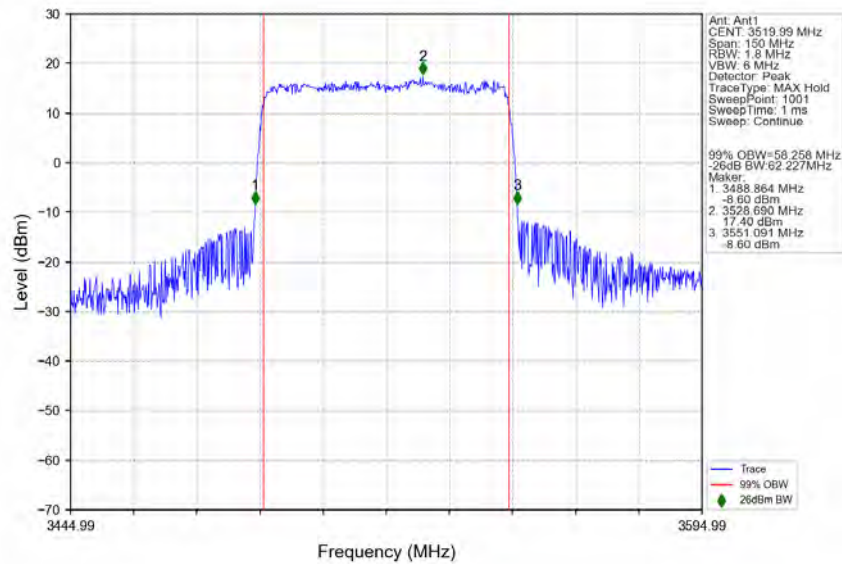
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 3480MHz_Outer_Full_Ant1



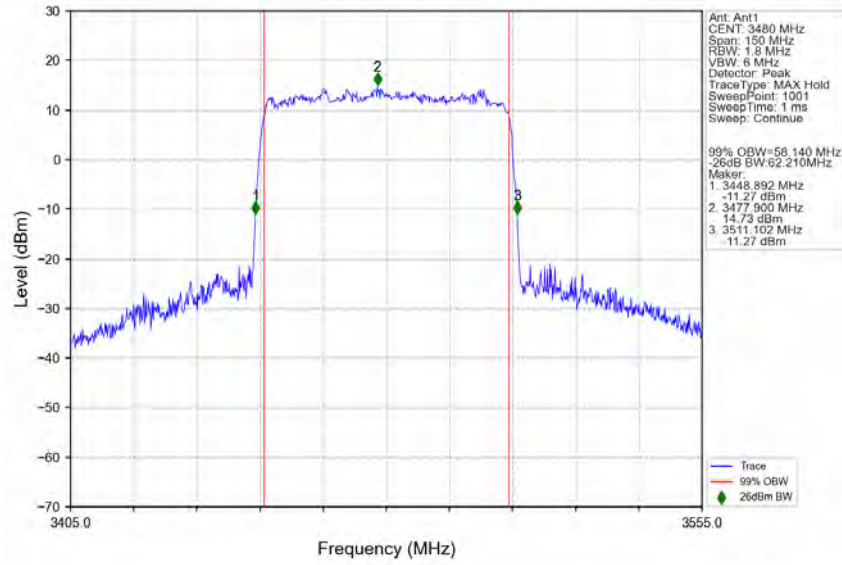
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



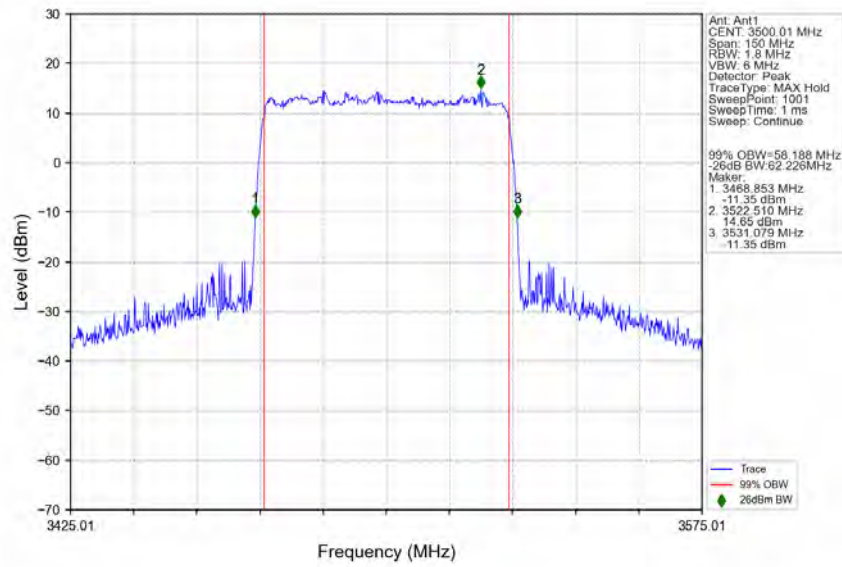
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 3519.99MHz_Outer_Full_Ant1



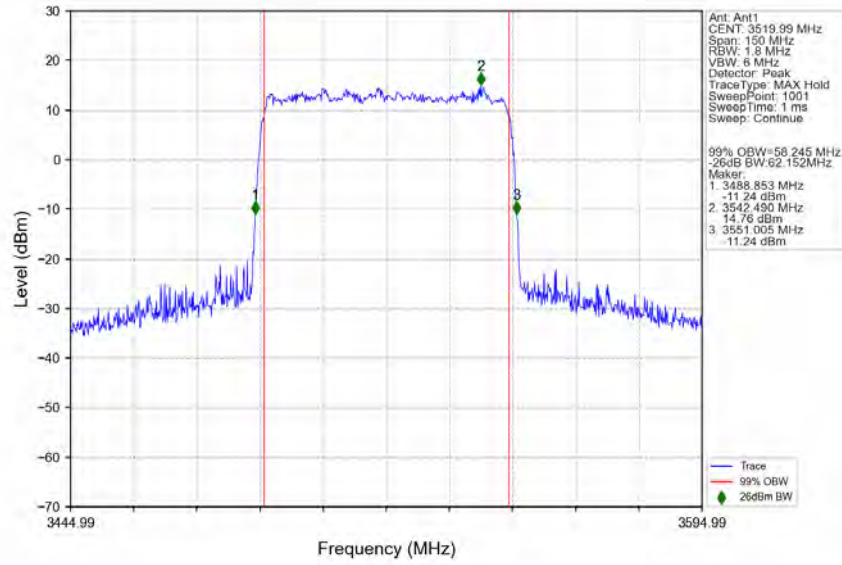
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3480MHz_Outer_Full_Ant1



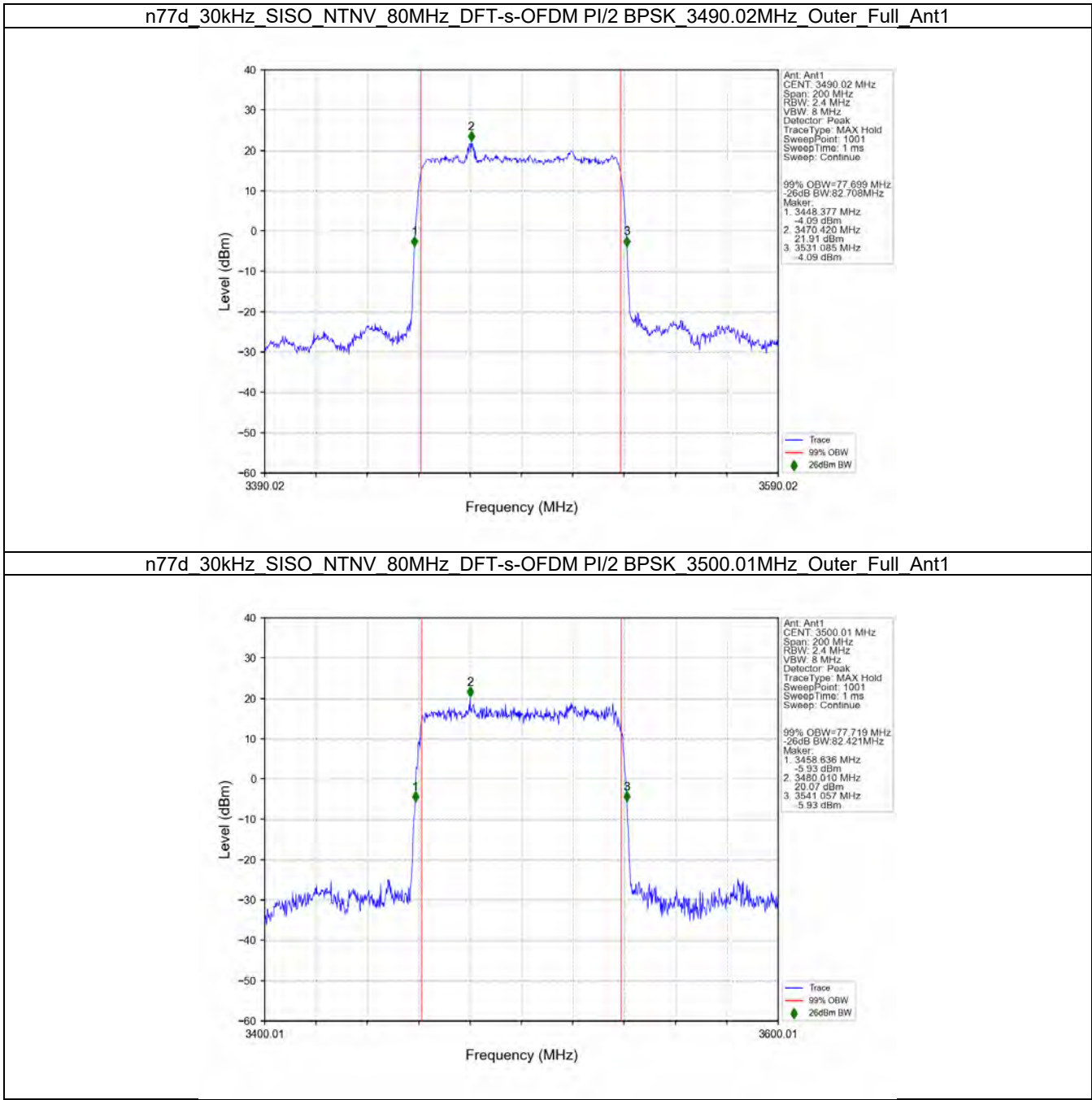
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



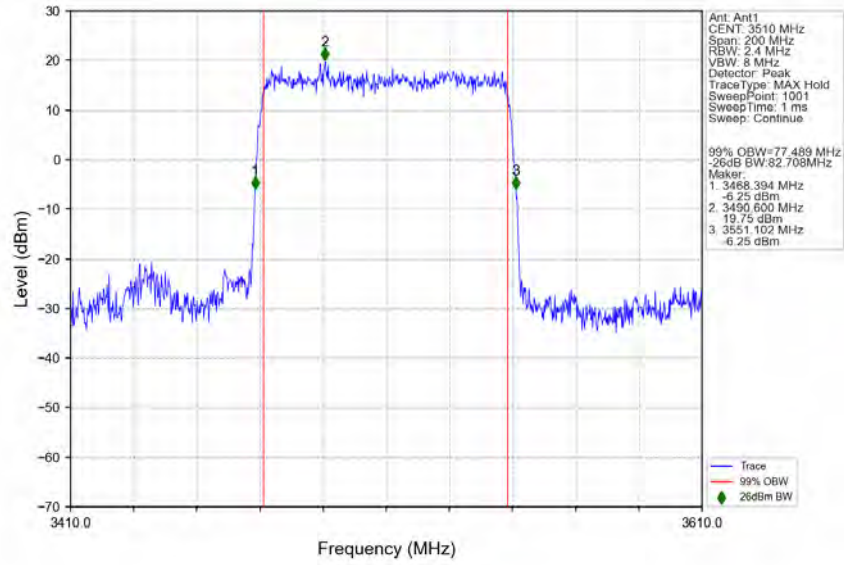
n77d_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3519.99MHz_Outer_Full_Ant1



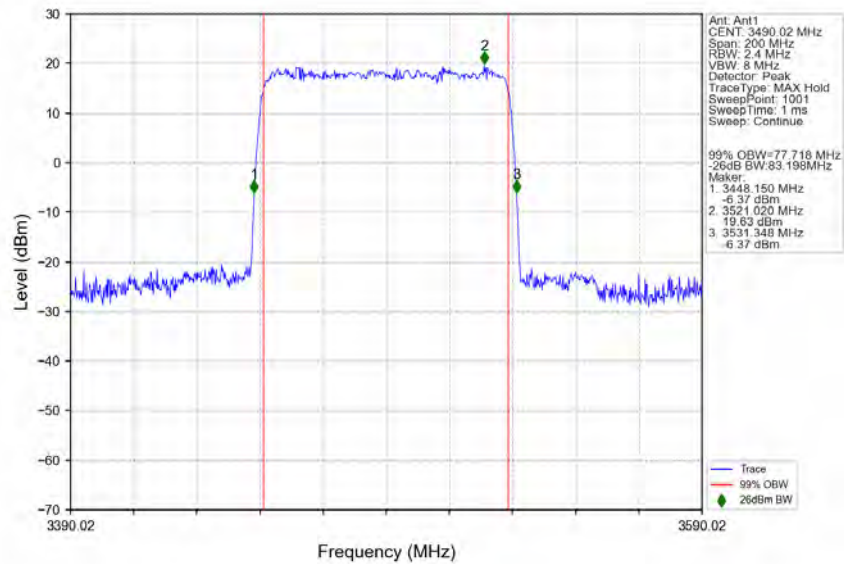
3.2.7 30k_SISO_80MHz_NTNV



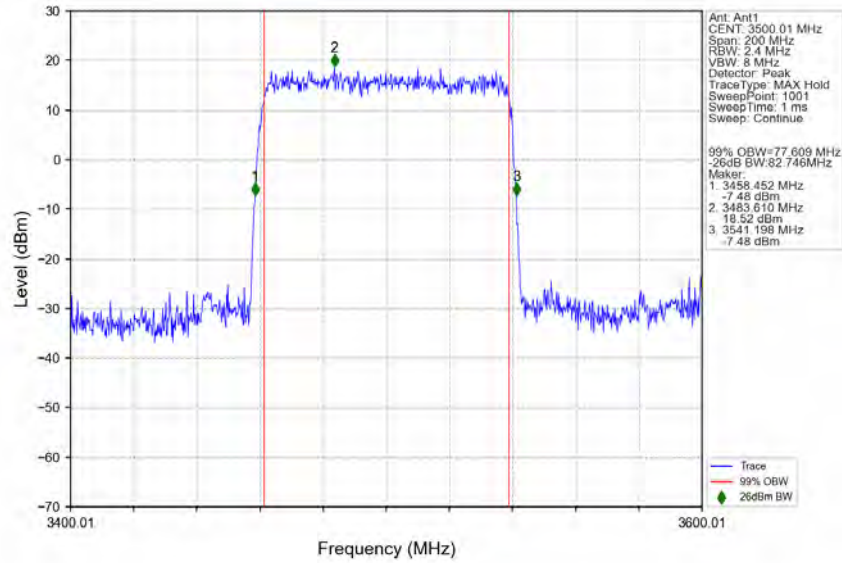
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3510MHz_Outer_Full_Ant1



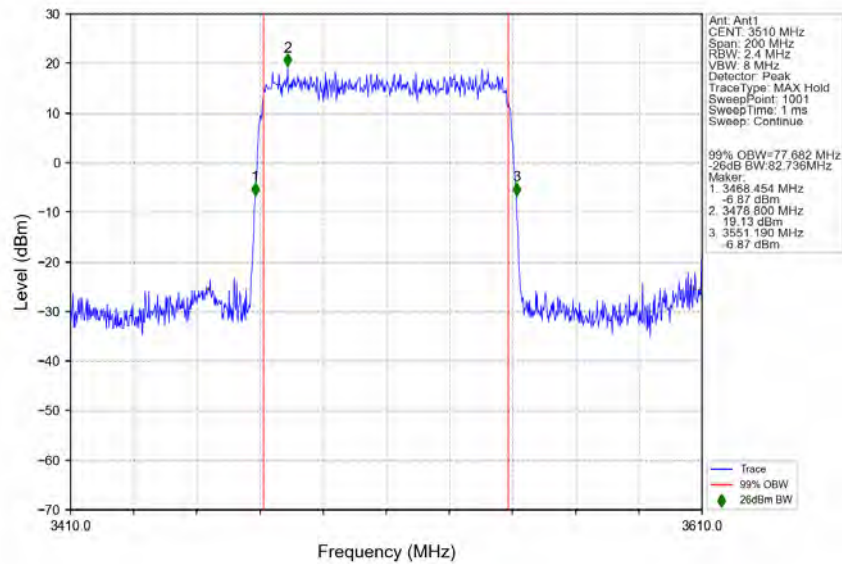
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3490.02MHz_Outer_Full_Ant1



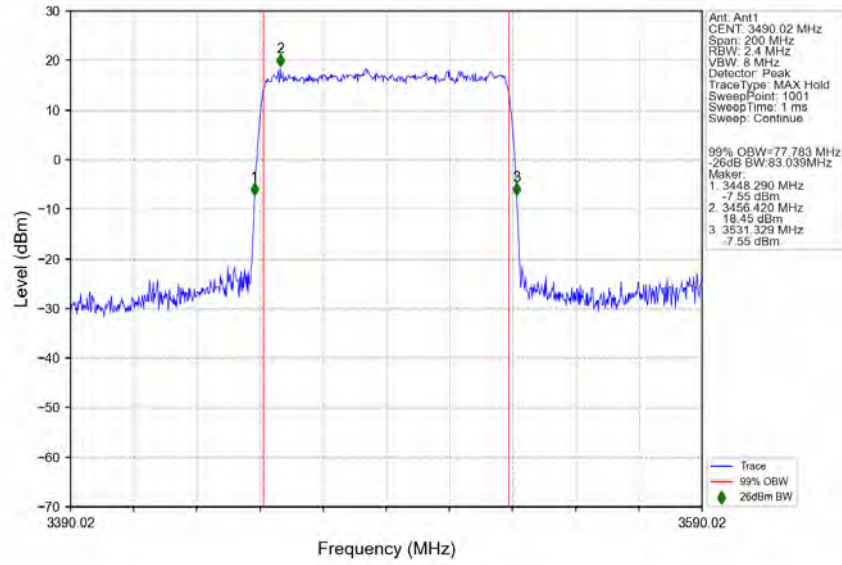
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



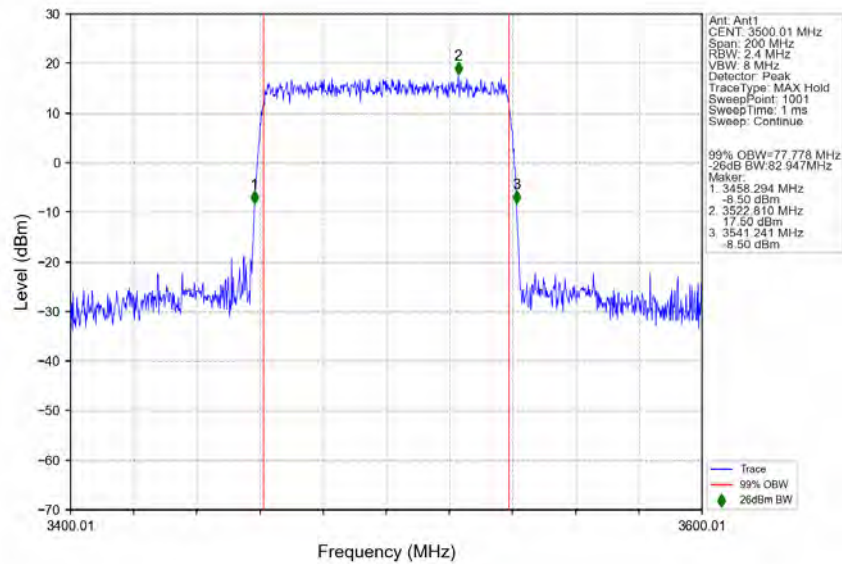
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Outer_Full_Ant1



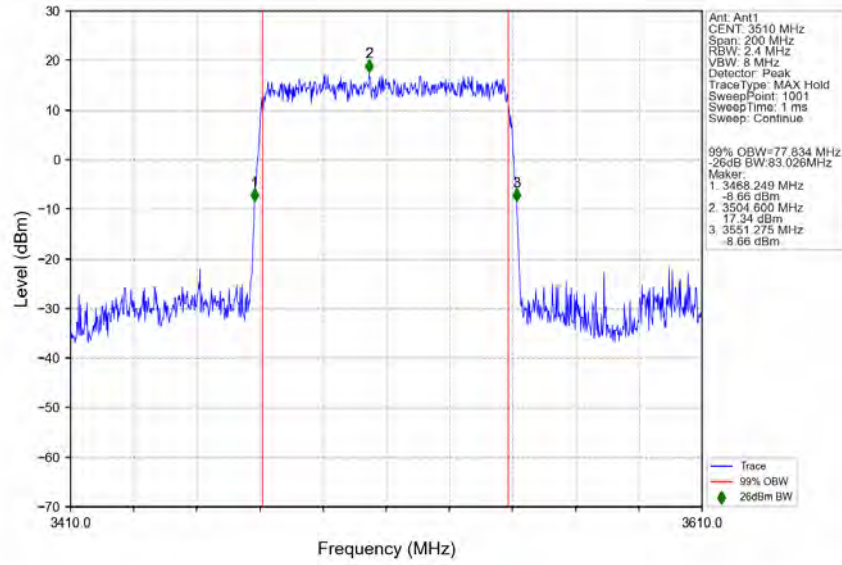
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3490.02MHz_Outer_Full_Ant1



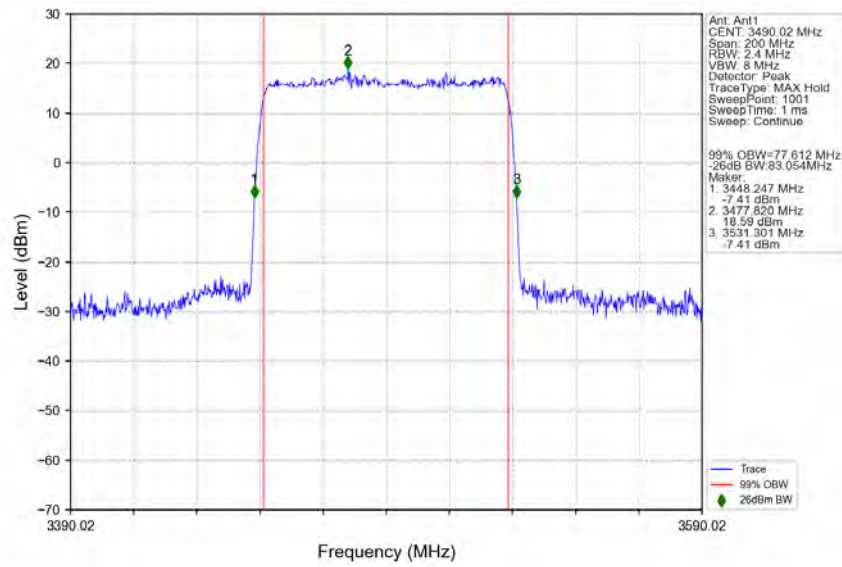
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



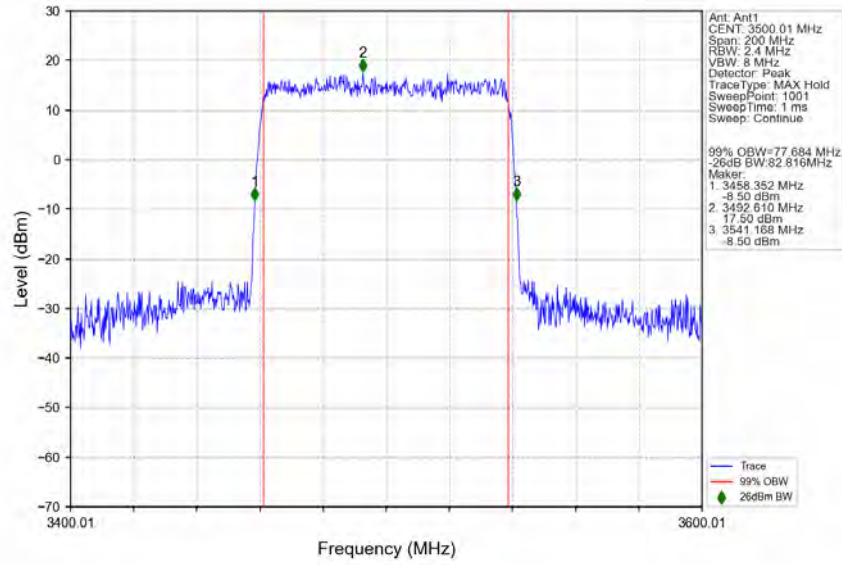
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM 3510MHz_Outer_Full_Ant1



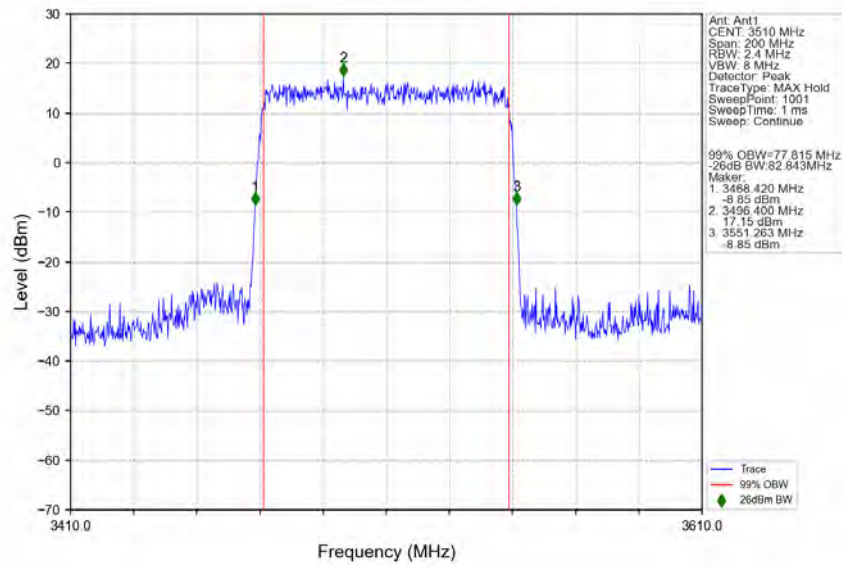
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM 3490.02MHz_Outer_Full_Ant1



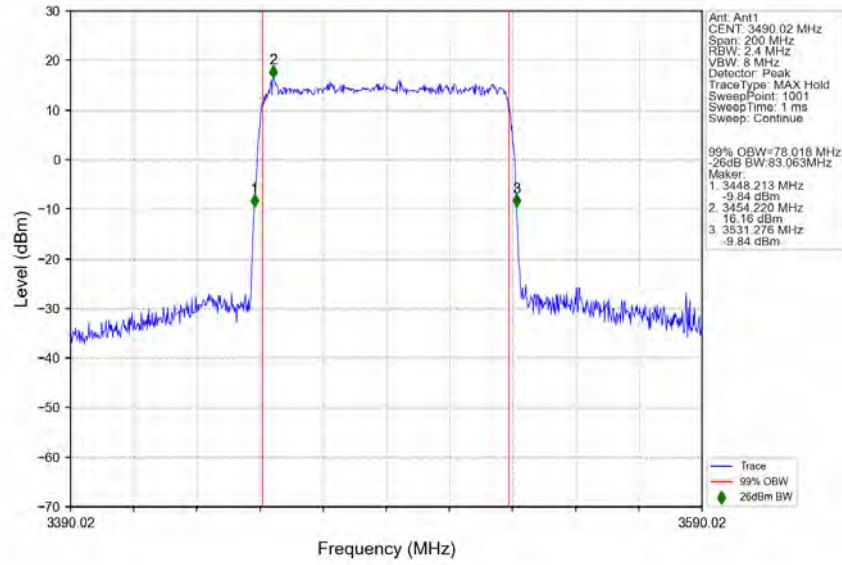
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1



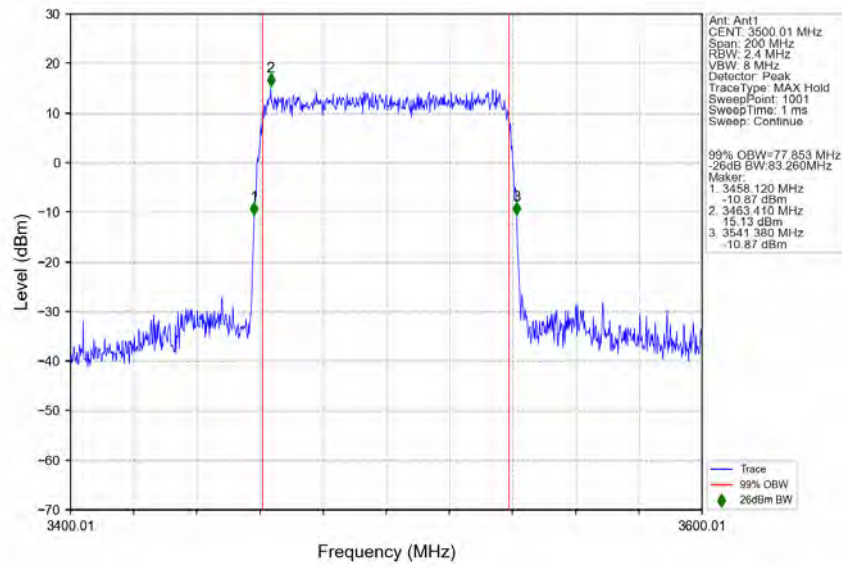
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3510MHz_Outer_Full_Ant1



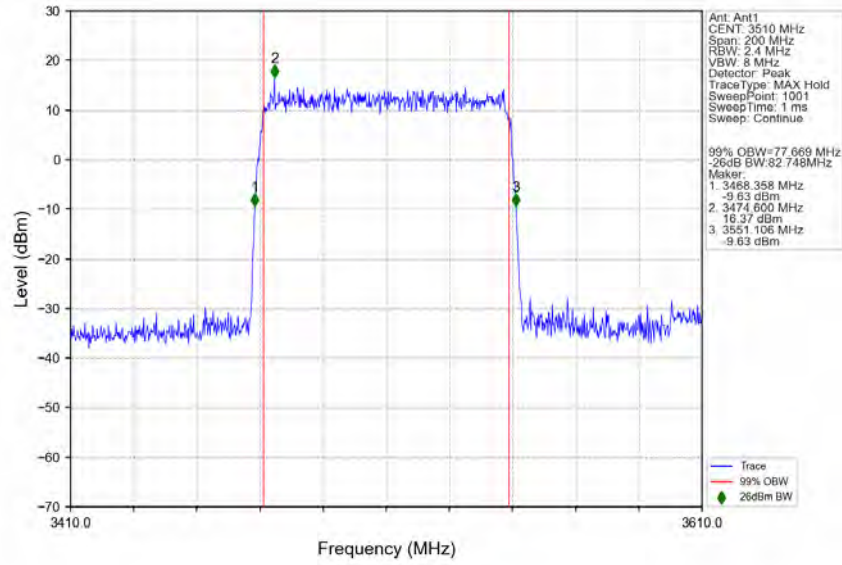
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3490.02MHz_Outer_Full_Ant1



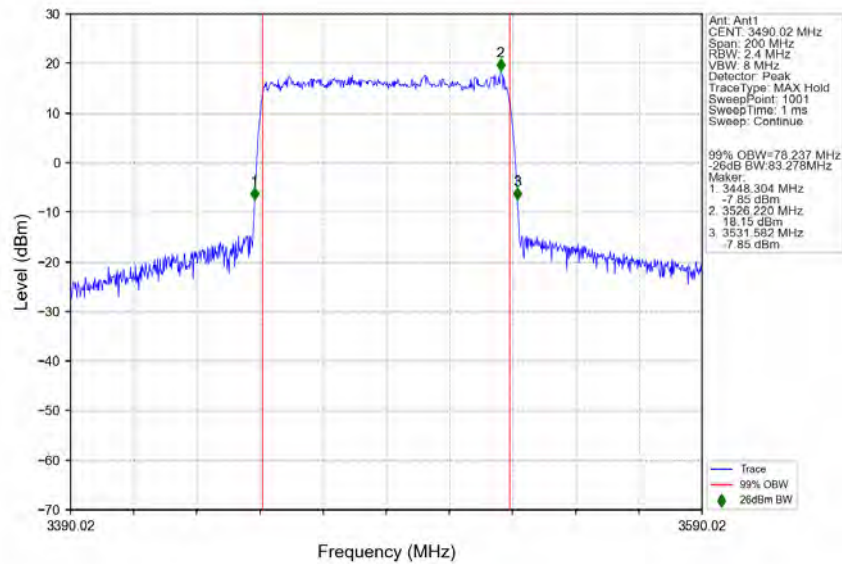
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



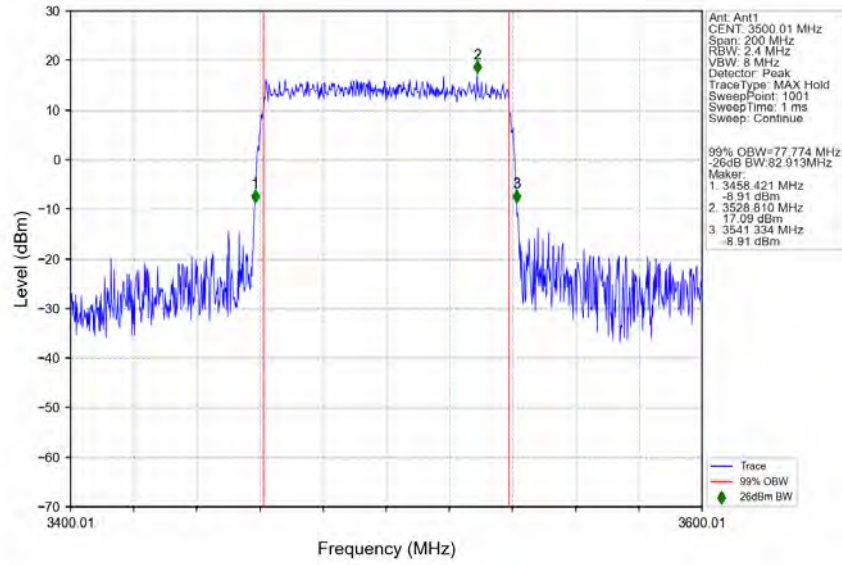
n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3510MHz_Outer_Full_Ant1



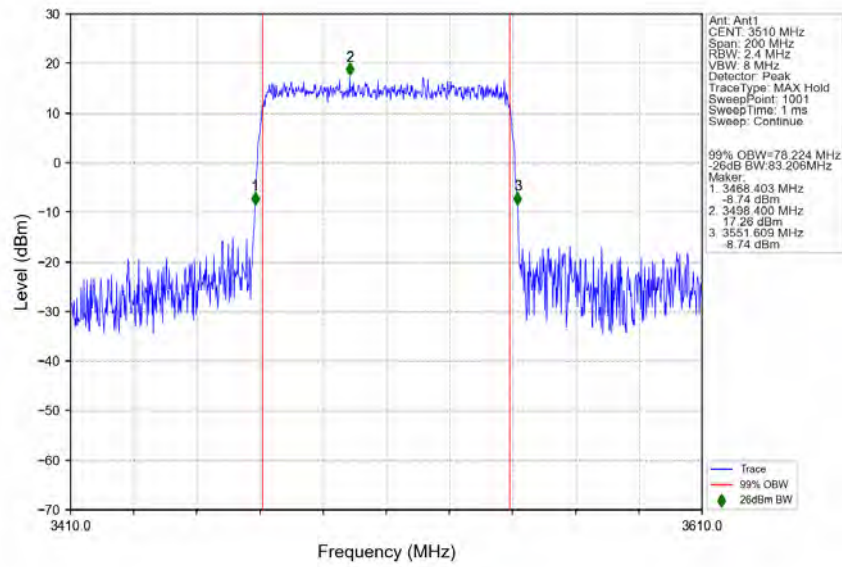
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3490.02MHz_Outer_Full_Ant1



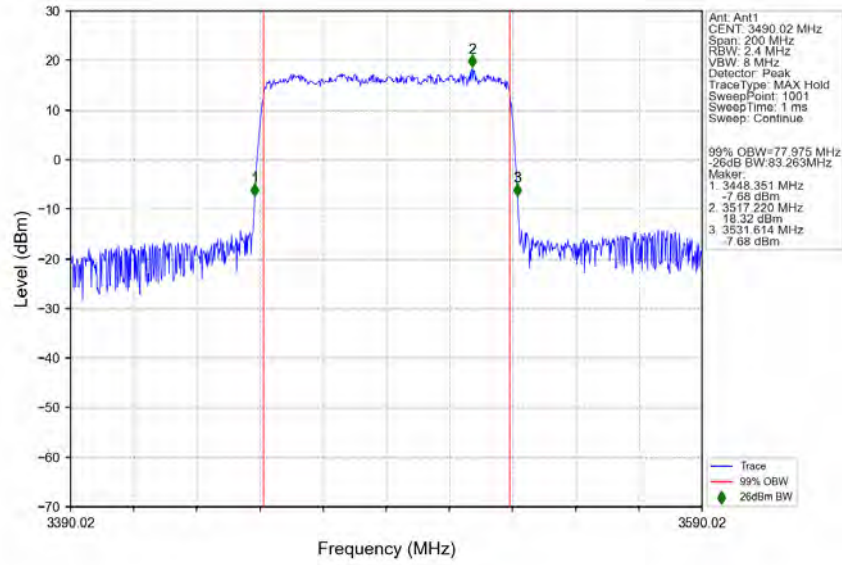
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



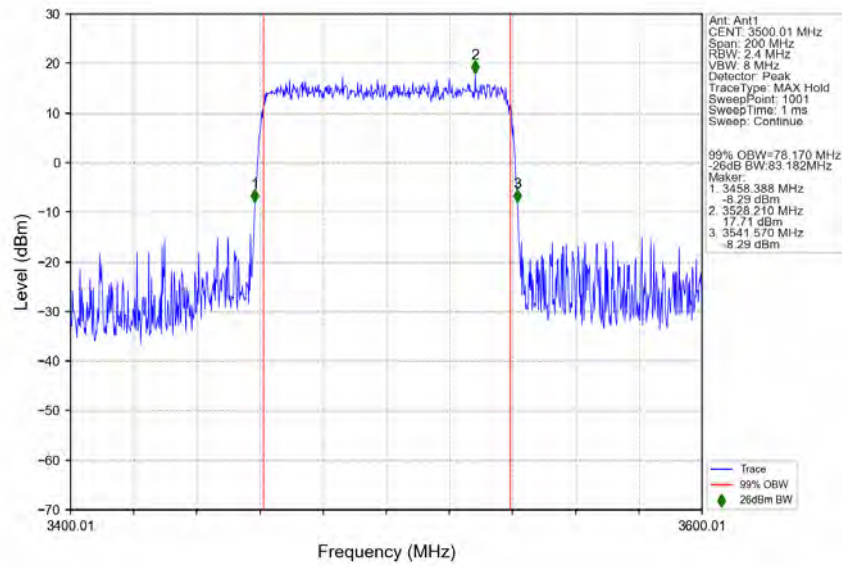
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3510MHz_Outer_Full_Ant1



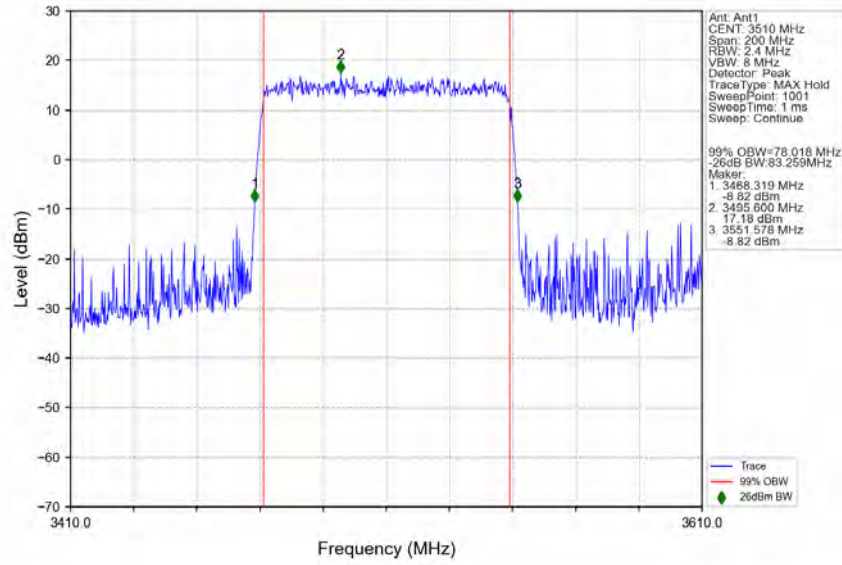
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3490.02MHz_Outer_Full_Ant1



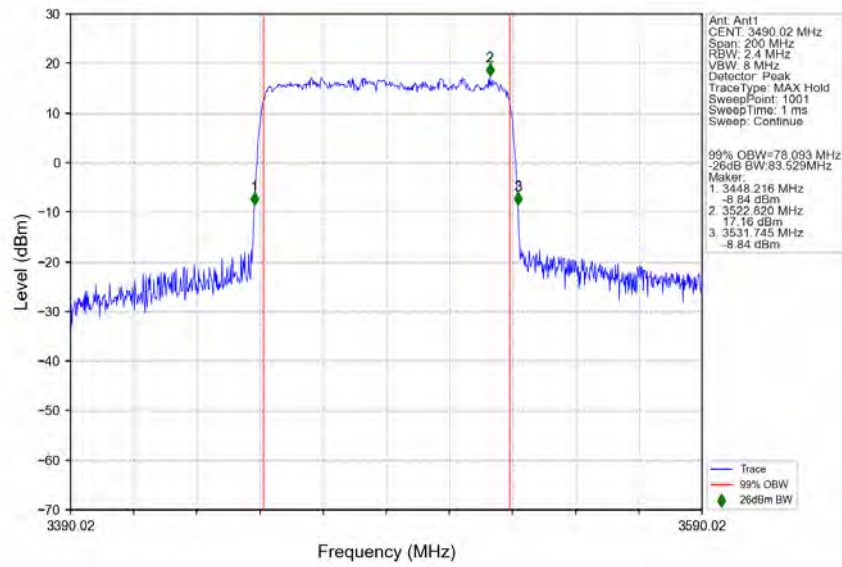
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



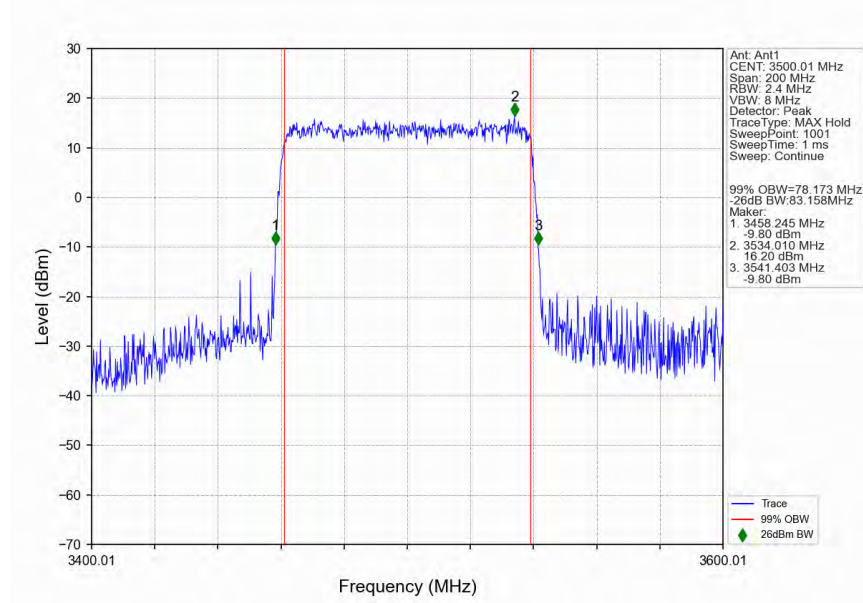
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3510MHz_Outer_Full_Ant1



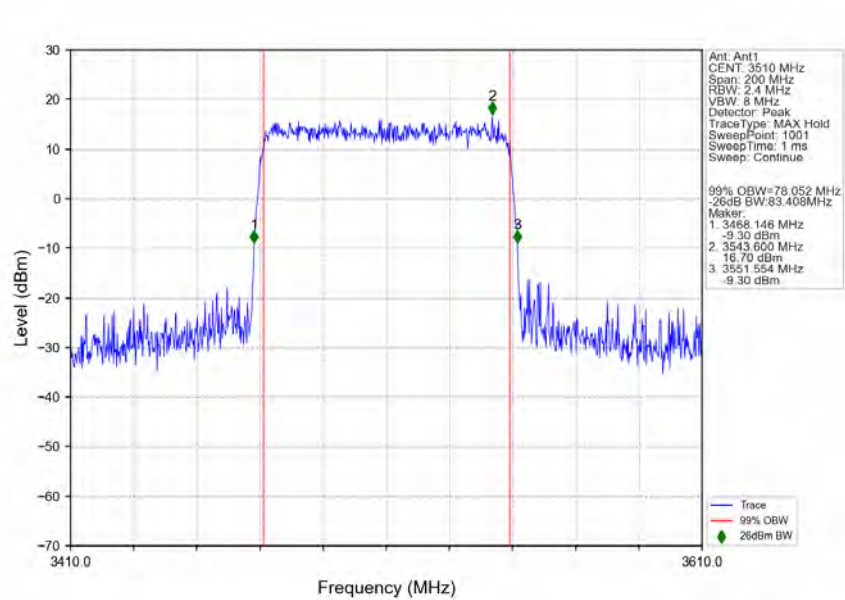
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3490.02MHz_Outer_Full_Ant1



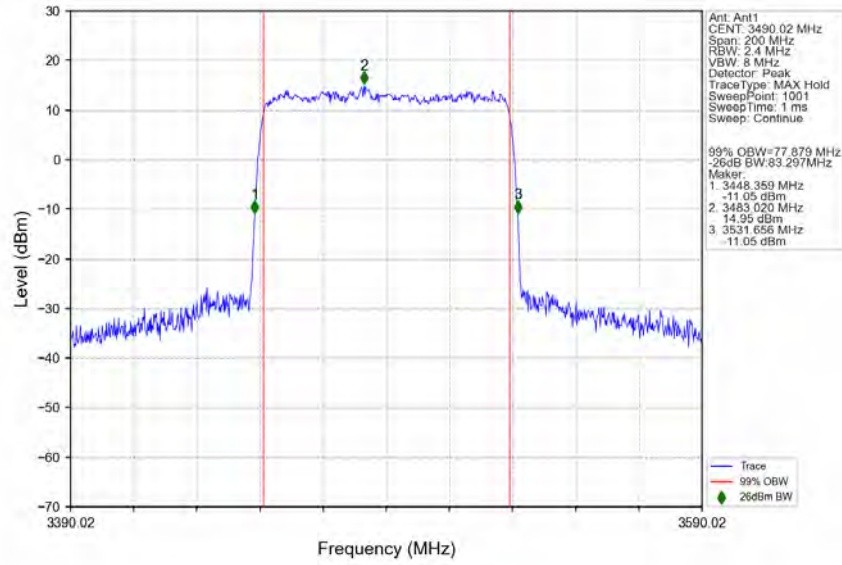
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant1



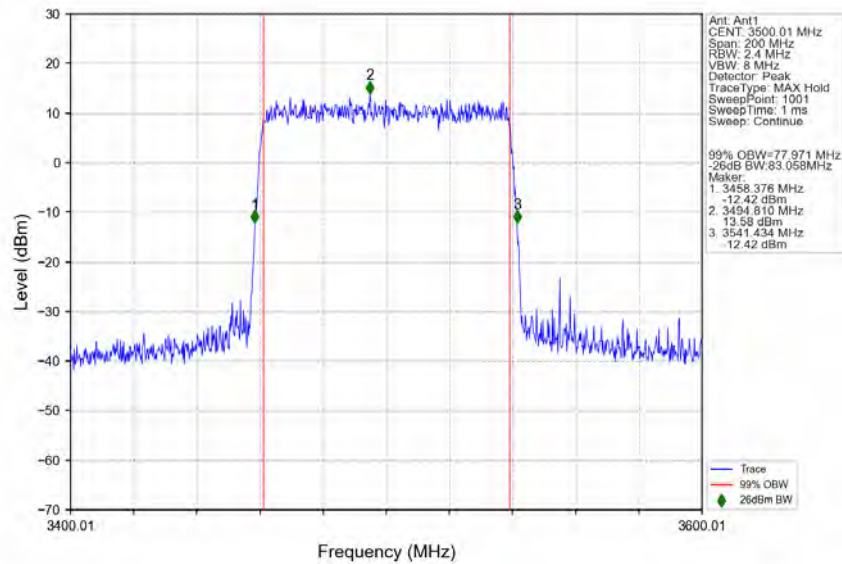
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3510MHz_Outer_Full_Ant1



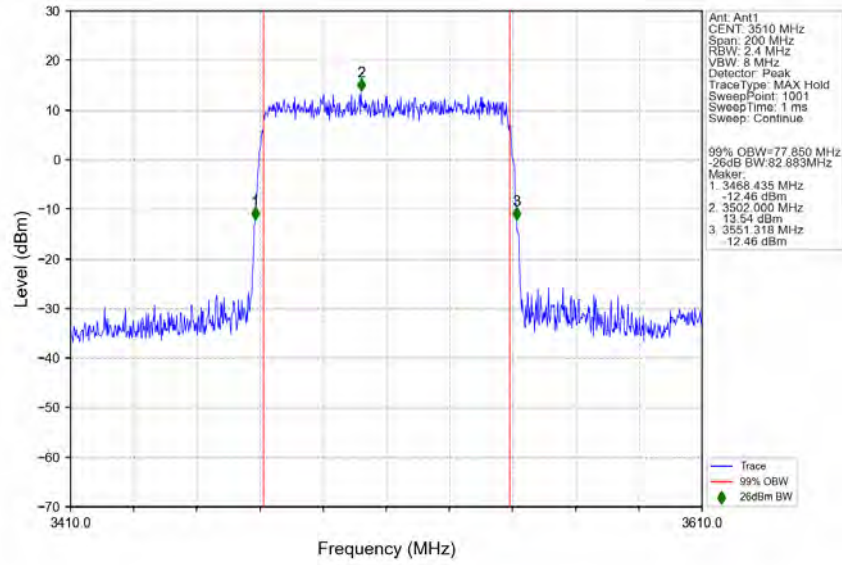
n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3490.02MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_256 QAM_3510MHz_Outer_Full_Ant1



3.2.8 30k_SISO_90MHz_NTNV

