

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_10MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	27.17	/	/	25.49	/	/	<=30	Pass
		Edge_1RB_Right	26.68	/	/	25.00	/	/	<=30	Pass
		Outer_Full	26.61	/	/	24.93	/	/	<=30	Pass
		Inner_Full	26.44	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	25.02	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	27.11	/	/	25.43	/	/	<=30	Pass
		Edge_1RB_Right	26.83	/	/	25.15	/	/	<=30	Pass
		Outer_Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner_Full	26.50	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	26.83	/	/	25.15	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	28.58	/	/	26.90	/	/	<=30	Pass
		Edge_1RB_Right	28.18	/	/	26.50	/	/	<=30	Pass
		Outer_Full	28.09	/	/	26.41	/	/	<=30	Pass
		Inner_Full	27.91	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	27.80	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Right	28.14	/	/	26.46	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge_1RB_Left	26.96	/	/	25.28	/	/	<=30	Pass
		Edge_1RB_Right	26.64	/	/	24.96	/	/	<=30	Pass
		Outer_Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner_Full	26.45	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	26.63	/	/	24.95	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	26.95	/	/	25.27	/	/	<=30	Pass
		Edge_1RB_Right	26.55	/	/	24.87	/	/	<=30	Pass
		Outer_Full	26.56	/	/	24.88	/	/	<=30	Pass
		Inner_Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	25.03	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	28.36	/	/	26.68	/	/	<=30	Pass
		Edge_1RB_Right	28.08	/	/	26.40	/	/	<=30	Pass
		Outer_Full	27.95	/	/	26.27	/	/	<=30	Pass
		Inner_Full	27.94	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Left	27.74	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	28.09	/	/	26.41	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge_1RB_Left	27.12	/	/	25.44	/	/	<=30	Pass
		Edge_1RB_Right	26.73	/	/	25.05	/	/	<=30	Pass
		Outer_Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner_Full	26.43	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	26.74	/	/	25.06	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	27.24	/	/	25.56	/	/	<=30	Pass
		Edge_1RB_Right	26.84	/	/	25.16	/	/	<=30	Pass
		Outer_Full	26.52	/	/	24.84	/	/	<=30	Pass
		Inner_Full	26.49	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	26.81	/	/	25.13	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	28.53	/	/	26.85	/	/	<=30	Pass

		Edge_1RB_Right	28.20	/	/	26.52	/	/	<=30	Pass	
		Outer_Full	27.96	/	/	26.28	/	/	<=30	Pass	
		Inner_Full	27.93	/	/	26.25	/	/	<=30	Pass	
		Inner_1RB_Left	27.85	/	/	26.17	/	/	<=30	Pass	
		Inner_1RB_Right	28.19	/	/	26.51	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3455.01	Edge_1RB_Left	25.83	/	/	24.15	/	/	<=30	Pass	
		Edge_1RB_Right	25.44	/	/	23.76	/	/	<=30	Pass	
		Outer_Full	24.83	/	/	23.15	/	/	<=30	Pass	
		Inner_Full	25.21	/	/	23.53	/	/	<=30	Pass	
		Inner_1RB_Left	25.14	/	/	23.46	/	/	<=30	Pass	
		Inner_1RB_Right	25.42	/	/	23.74	/	/	<=30	Pass	
	3499.995	Edge_1RB_Left	25.74	/	/	24.06	/	/	<=30	Pass	
		Edge_1RB_Right	25.41	/	/	23.73	/	/	<=30	Pass	
		Outer_Full	24.74	/	/	23.06	/	/	<=30	Pass	
		Inner_Full	25.15	/	/	23.47	/	/	<=30	Pass	
		Inner_1RB_Left	25.00	/	/	23.32	/	/	<=30	Pass	
		Inner_1RB_Right	25.41	/	/	23.73	/	/	<=30	Pass	
	3544.995	Edge_1RB_Left	26.89	/	/	25.21	/	/	<=30	Pass	
		Edge_1RB_Right	26.57	/	/	24.89	/	/	<=30	Pass	
		Outer_Full	25.93	/	/	24.25	/	/	<=30	Pass	
		Inner_Full	26.32	/	/	24.64	/	/	<=30	Pass	
		Inner_1RB_Left	26.15	/	/	24.47	/	/	<=30	Pass	
		Inner_1RB_Right	26.56	/	/	24.88	/	/	<=30	Pass	
	CP-OFDM QPSK	3455.01	Edge_1RB_Left	26.83	/	/	25.15	/	/	<=30	Pass
			Edge_1RB_Right	26.53	/	/	24.85	/	/	<=30	Pass
Outer_Full			26.42	/	/	24.74	/	/	<=30	Pass	
Inner_Full			26.30	/	/	24.62	/	/	<=30	Pass	
Inner_1RB_Left			26.27	/	/	24.59	/	/	<=30	Pass	
Inner_1RB_Right			26.52	/	/	24.84	/	/	<=30	Pass	
3499.995		Edge_1RB_Left	26.87	/	/	25.19	/	/	<=30	Pass	
		Edge_1RB_Right	26.71	/	/	25.03	/	/	<=30	Pass	
		Outer_Full	26.53	/	/	24.85	/	/	<=30	Pass	
		Inner_Full	26.48	/	/	24.80	/	/	<=30	Pass	
		Inner_1RB_Left	26.31	/	/	24.63	/	/	<=30	Pass	
		Inner_1RB_Right	26.73	/	/	25.05	/	/	<=30	Pass	
3544.995		Edge_1RB_Left	28.11	/	/	26.43	/	/	<=30	Pass	
		Edge_1RB_Right	27.85	/	/	26.17	/	/	<=30	Pass	
		Outer_Full	27.83	/	/	26.15	/	/	<=30	Pass	
		Inner_Full	27.71	/	/	26.03	/	/	<=30	Pass	
		Inner_1RB_Left	27.59	/	/	25.91	/	/	<=30	Pass	
		Inner_1RB_Right	27.85	/	/	26.17	/	/	<=30	Pass	
CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	26.83	/	/	25.15	/	/	<=30	Pass	
		Edge_1RB_Right	26.54	/	/	24.86	/	/	<=30	Pass	
		Outer_Full	26.37	/	/	24.69	/	/	<=30	Pass	
		Inner_Full	26.28	/	/	24.60	/	/	<=30	Pass	
		Inner_1RB_Left	26.29	/	/	24.61	/	/	<=30	Pass	
		Inner_1RB_Right	26.55	/	/	24.87	/	/	<=30	Pass	
	3499.995	Edge_1RB_Left	26.88	/	/	25.20	/	/	<=30	Pass	
		Edge_1RB_Right	26.70	/	/	25.02	/	/	<=30	Pass	
		Outer_Full	26.54	/	/	24.86	/	/	<=30	Pass	
		Inner_Full	26.43	/	/	24.75	/	/	<=30	Pass	
		Inner_1RB_Left	26.34	/	/	24.66	/	/	<=30	Pass	
		Inner_1RB_Right	26.71	/	/	25.03	/	/	<=30	Pass	
	3544.995	Edge_1RB_Left	28.11	/	/	26.43	/	/	<=30	Pass	
		Edge_1RB_Right	27.93	/	/	26.25	/	/	<=30	Pass	
		Outer_Full	27.76	/	/	26.08	/	/	<=30	Pass	
		Inner_Full	27.72	/	/	26.04	/	/	<=30	Pass	
		Inner_1RB_Left	27.62	/	/	25.94	/	/	<=30	Pass	
		Inner_1RB_Right	27.93	/	/	26.25	/	/	<=30	Pass	

CP-OFDM 64 QAM	3455.01	Edge 1RB Left	26.93	/	/	25.25	/	/	<=30	Pass
		Edge 1RB Right	26.67	/	/	24.99	/	/	<=30	Pass
		Outer Full	25.96	/	/	24.28	/	/	<=30	Pass
		Inner Full	26.29	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Left	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Right	26.67	/	/	24.99	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass
		Edge 1RB Right	26.84	/	/	25.16	/	/	<=30	Pass
		Outer Full	26.10	/	/	24.42	/	/	<=30	Pass
		Inner Full	26.45	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	26.47	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Right	26.85	/	/	25.17	/	/	<=30	Pass
	3544.995	Edge 1RB Left	28.21	/	/	26.53	/	/	<=30	Pass
		Edge 1RB Right	28.03	/	/	26.35	/	/	<=30	Pass
		Outer Full	27.39	/	/	25.71	/	/	<=30	Pass
		Inner Full	27.72	/	/	26.04	/	/	<=30	Pass
		Inner 1RB Left	27.71	/	/	26.03	/	/	<=30	Pass
		Inner 1RB Right	28.02	/	/	26.34	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge 1RB Left	23.50	/	/	21.82	/	/	<=30	Pass
		Edge 1RB Right	23.10	/	/	21.42	/	/	<=30	Pass
		Outer Full	22.28	/	/	20.60	/	/	<=30	Pass
		Inner Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Left	22.85	/	/	21.17	/	/	<=30	Pass
		Inner 1RB Right	23.13	/	/	21.45	/	/	<=30	Pass
	3499.995	Edge 1RB Left	23.41	/	/	21.73	/	/	<=30	Pass
		Edge 1RB Right	23.15	/	/	21.47	/	/	<=30	Pass
		Outer Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner Full	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Left	22.72	/	/	21.04	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
	3544.995	Edge 1RB Left	24.30	/	/	22.62	/	/	<=30	Pass
		Edge 1RB Right	24.01	/	/	22.33	/	/	<=30	Pass
		Outer Full	23.17	/	/	21.49	/	/	<=30	Pass
		Inner Full	23.60	/	/	21.92	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	21.95	/	/	<=30	Pass
		Inner 1RB Right	24.06	/	/	22.38	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_15MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	27.45	/	/	25.77	/	/	<=30	Pass
		Edge 1RB Right	27.12	/	/	25.44	/	/	<=30	Pass
		Outer Full	26.82	/	/	25.14	/	/	<=30	Pass
		Inner Full	26.52	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Left	27.22	/	/	25.54	/	/	<=30	Pass
		Inner 1RB Right	27.08	/	/	25.40	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.37	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Right	27.34	/	/	25.66	/	/	<=30	Pass
		Outer Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner Full	26.53	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Right	27.36	/	/	25.68	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.70	/	/	27.02	/	/	<=30	Pass
		Edge 1RB Right	28.56	/	/	26.88	/	/	<=30	Pass

		Outer Full	28.16	/	/	26.48	/	/	<=30	Pass
		Inner Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Left	28.49	/	/	26.81	/	/	<=30	Pass
		Inner 1RB Right	28.52	/	/	26.84	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Edge 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
		Outer Full	26.69	/	/	25.01	/	/	<=30	Pass
		Inner Full	26.52	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Right	26.87	/	/	25.19	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Edge 1RB Right	27.06	/	/	25.38	/	/	<=30	Pass
		Outer Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner Full	26.49	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Left	26.90	/	/	25.22	/	/	<=30	Pass
		Inner 1RB Right	27.02	/	/	25.34	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.36	/	/	26.68	/	/	<=30	Pass
		Edge 1RB Right	28.28	/	/	26.60	/	/	<=30	Pass
		Outer Full	28.01	/	/	26.33	/	/	<=30	Pass
		Inner Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Left	28.19	/	/	26.51	/	/	<=30	Pass
		Inner 1RB Right	28.26	/	/	26.58	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge 1RB Left	27.58	/	/	25.90	/	/	<=30	Pass
		Edge 1RB Right	27.29	/	/	25.61	/	/	<=30	Pass
		Outer Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner Full	26.52	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Inner 1RB Right	27.26	/	/	25.58	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
		Edge 1RB Right	27.46	/	/	25.78	/	/	<=30	Pass
		Outer Full	26.73	/	/	25.05	/	/	<=30	Pass
		Inner Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	27.31	/	/	25.63	/	/	<=30	Pass
		Inner 1RB Right	27.43	/	/	25.75	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.75	/	/	27.07	/	/	<=30	Pass
		Edge 1RB Right	28.68	/	/	27.00	/	/	<=30	Pass
		Outer Full	28.07	/	/	26.39	/	/	<=30	Pass
		Inner Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Left	28.59	/	/	26.91	/	/	<=30	Pass
		Inner 1RB Right	28.66	/	/	26.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge 1RB Left	26.11	/	/	24.43	/	/	<=30	Pass
		Edge 1RB Right	25.79	/	/	24.11	/	/	<=30	Pass
		Outer Full	25.04	/	/	23.36	/	/	<=30	Pass
		Inner Full	25.32	/	/	23.64	/	/	<=30	Pass
		Inner 1RB Left	25.93	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Right	25.79	/	/	24.11	/	/	<=30	Pass
	3499.995	Edge 1RB Left	25.93	/	/	24.25	/	/	<=30	Pass
		Edge 1RB Right	25.81	/	/	24.13	/	/	<=30	Pass
		Outer Full	24.88	/	/	23.20	/	/	<=30	Pass
		Inner Full	25.15	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Left	25.74	/	/	24.06	/	/	<=30	Pass
		Inner 1RB Right	25.81	/	/	24.13	/	/	<=30	Pass
	3542.49	Edge 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Edge 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
		Outer Full	26.00	/	/	24.32	/	/	<=30	Pass
		Inner Full	26.28	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	26.80	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Right	26.87	/	/	25.19	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge 1RB Left	27.11	/	/	25.43	/	/	<=30	Pass

		Edge 1RB Right	26.83	/	/	25.15	/	/	<=30	Pass
		Outer Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Left	27.00	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Right	26.92	/	/	25.24	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass
		Edge 1RB Right	27.08	/	/	25.40	/	/	<=30	Pass
		Outer Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner Full	26.41	/	/	24.73	/	/	<=30	Pass
		Inner 1RB Left	26.90	/	/	25.22	/	/	<=30	Pass
	3542.49	Inner 1RB Right	27.13	/	/	25.45	/	/	<=30	Pass
		Edge 1RB Left	28.19	/	/	26.51	/	/	<=30	Pass
		Edge 1RB Right	28.13	/	/	26.45	/	/	<=30	Pass
		Outer Full	27.91	/	/	26.23	/	/	<=30	Pass
		Inner Full	27.66	/	/	25.98	/	/	<=30	Pass
CP-OFDM 16 QAM		Inner 1RB Left	28.16	/	/	26.48	/	/	<=30	Pass
		Inner 1RB Right	28.16	/	/	26.48	/	/	<=30	Pass
	3457.5	Edge 1RB Left	26.94	/	/	25.26	/	/	<=30	Pass
		Edge 1RB Right	26.75	/	/	25.07	/	/	<=30	Pass
		Outer Full	26.59	/	/	24.91	/	/	<=30	Pass
		Inner Full	26.43	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Left	26.84	/	/	25.16	/	/	<=30	Pass
	3499.995	Inner 1RB Right	26.80	/	/	25.12	/	/	<=30	Pass
		Edge 1RB Left	26.85	/	/	25.17	/	/	<=30	Pass
		Edge 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
		Outer Full	26.64	/	/	24.96	/	/	<=30	Pass
		Inner Full	26.42	/	/	24.74	/	/	<=30	Pass
	3542.49	Inner 1RB Left	26.77	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Right	26.91	/	/	25.23	/	/	<=30	Pass
		Edge 1RB Left	28.05	/	/	26.37	/	/	<=30	Pass
		Edge 1RB Right	28.03	/	/	26.35	/	/	<=30	Pass
		Outer Full	27.85	/	/	26.17	/	/	<=30	Pass
CP-OFDM 64 QAM		Inner Full	27.71	/	/	26.03	/	/	<=30	Pass
		Inner 1RB Left	27.96	/	/	26.28	/	/	<=30	Pass
		Inner 1RB Right	28.07	/	/	26.39	/	/	<=30	Pass
	3457.5	Edge 1RB Left	27.34	/	/	25.66	/	/	<=30	Pass
		Edge 1RB Right	27.15	/	/	25.47	/	/	<=30	Pass
		Outer Full	26.17	/	/	24.49	/	/	<=30	Pass
		Inner Full	26.45	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	27.25	/	/	25.57	/	/	<=30	Pass
	3499.995	Inner 1RB Right	27.18	/	/	25.50	/	/	<=30	Pass
		Edge 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge 1RB Right	27.30	/	/	25.62	/	/	<=30	Pass
		Outer Full	26.19	/	/	24.51	/	/	<=30	Pass
		Inner Full	26.45	/	/	24.77	/	/	<=30	Pass
	3542.49	Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
		Edge 1RB Left	28.41	/	/	26.73	/	/	<=30	Pass
		Edge 1RB Right	28.39	/	/	26.71	/	/	<=30	Pass
		Outer Full	27.47	/	/	25.79	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Inner Full	27.73	/	/	26.05	/	/	<=30	Pass
		Inner 1RB Left	28.34	/	/	26.66	/	/	<=30	Pass
		Inner 1RB Right	28.45	/	/	26.77	/	/	<=30	Pass
		Edge 1RB Left	23.74	/	/	22.06	/	/	<=30	Pass
		Edge 1RB Right	23.42	/	/	21.74	/	/	<=30	Pass
		Outer Full	22.51	/	/	20.83	/	/	<=30	Pass
		Inner Full	22.82	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Left	23.61	/	/	21.93	/	/	<=30	Pass
		Inner 1RB Right	23.49	/	/	21.81	/	/	<=30	Pass

	3499.995	Edge_1RB_Left	23.57	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	21.77	/	/	<=30	Pass
		Outer_Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner_Full	22.65	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	21.86	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	24.41	/	/	22.73	/	/	<=30	Pass
		Edge_1RB_Right	24.31	/	/	22.63	/	/	<=30	Pass
		Outer_Full	23.28	/	/	21.60	/	/	<=30	Pass
		Inner_Full	23.56	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	22.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_20MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3460.005	Edge 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass
		Edge 1RB Right	27.60	/	/	25.92	/	/	<=30	Pass
		Outer Full	27.25	/	/	25.57	/	/	<=30	Pass
		Inner Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	27.86	/	/	26.18	/	/	<=30	Pass
		Inner 1RB Right	27.61	/	/	25.93	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.85	/	/	26.17	/	/	<=30	Pass
		Edge 1RB Right	27.83	/	/	26.15	/	/	<=30	Pass
		Outer Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner Full	26.70	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Left	27.65	/	/	25.97	/	/	<=30	Pass
		Inner 1RB Right	27.85	/	/	26.17	/	/	<=30	Pass
	3540	Edge 1RB Left	28.91	/	/	27.23	/	/	<=30	Pass
		Edge 1RB Right	28.78	/	/	27.10	/	/	<=30	Pass
		Outer Full	28.26	/	/	26.58	/	/	<=30	Pass
		Inner Full	27.90	/	/	26.22	/	/	<=30	Pass
		Inner 1RB Left	28.75	/	/	27.07	/	/	<=30	Pass
		Inner 1RB Right	28.77	/	/	27.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.005	Edge 1RB Left	27.87	/	/	26.19	/	/	<=30	Pass
		Edge 1RB Right	27.56	/	/	25.88	/	/	<=30	Pass
		Outer Full	27.13	/	/	25.45	/	/	<=30	Pass
		Inner Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	27.77	/	/	26.09	/	/	<=30	Pass
		Inner 1RB Right	27.58	/	/	25.90	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.67	/	/	25.99	/	/	<=30	Pass
		Edge 1RB Right	27.63	/	/	25.95	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Left	27.51	/	/	25.83	/	/	<=30	Pass
		Inner 1RB Right	27.67	/	/	25.99	/	/	<=30	Pass
	3540	Edge 1RB Left	28.74	/	/	27.06	/	/	<=30	Pass
		Edge 1RB Right	28.69	/	/	27.01	/	/	<=30	Pass
		Outer Full	28.14	/	/	26.46	/	/	<=30	Pass
		Inner Full	27.85	/	/	26.17	/	/	<=30	Pass
		Inner 1RB Left	28.59	/	/	26.91	/	/	<=30	Pass
		Inner 1RB Right	28.69	/	/	27.01	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.005	Edge 1RB Left	27.75	/	/	26.07	/	/	<=30	Pass
		Edge 1RB Right	27.43	/	/	25.75	/	/	<=30	Pass

		Outer Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	27.64	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Right	27.45	/	/	25.77	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.76	/	/	26.08	/	/	<=30	Pass
		Edge 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass
		Outer Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Left	27.63	/	/	25.95	/	/	<=30	Pass
		Inner 1RB Right	27.79	/	/	26.11	/	/	<=30	Pass
		Edge 1RB Left	28.59	/	/	26.91	/	/	<=30	Pass
		Edge 1RB Right	28.57	/	/	26.89	/	/	<=30	Pass
	3540	Outer Full	28.14	/	/	26.46	/	/	<=30	Pass
		Inner Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Left	28.47	/	/	26.79	/	/	<=30	Pass
		Inner 1RB Right	28.57	/	/	26.89	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.005	Edge 1RB Left	26.51	/	/	24.83	/	/	<=30	Pass
		Edge 1RB Right	26.11	/	/	24.43	/	/	<=30	Pass
		Outer Full	25.31	/	/	23.63	/	/	<=30	Pass
		Inner Full	25.46	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Left	26.42	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	26.13	/	/	24.45	/	/	<=30	Pass
		Edge 1RB Left	26.34	/	/	24.66	/	/	<=30	Pass
		Edge 1RB Right	26.33	/	/	24.65	/	/	<=30	Pass
	3499.995	Outer Full	25.20	/	/	23.52	/	/	<=30	Pass
		Inner Full	25.34	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Left	26.20	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Right	26.33	/	/	24.65	/	/	<=30	Pass
	3540	Edge 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge 1RB Right	27.19	/	/	25.51	/	/	<=30	Pass
		Outer Full	26.13	/	/	24.45	/	/	<=30	Pass
		Inner Full	26.30	/	/	24.62	/	/	<=30	Pass
		Inner 1RB Left	27.06	/	/	25.38	/	/	<=30	Pass
		Inner 1RB Right	27.17	/	/	25.49	/	/	<=30	Pass
CP-OFDM QPSK	3460.005	Edge 1RB Left	27.64	/	/	25.96	/	/	<=30	Pass
		Edge 1RB Right	27.37	/	/	25.69	/	/	<=30	Pass
		Outer Full	27.09	/	/	25.41	/	/	<=30	Pass
		Inner Full	26.74	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Left	27.54	/	/	25.86	/	/	<=30	Pass
		Inner 1RB Right	27.41	/	/	25.73	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Edge 1RB Right	27.49	/	/	25.81	/	/	<=30	Pass
		Outer Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner Full	26.60	/	/	24.92	/	/	<=30	Pass
		Inner 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Inner 1RB Right	27.55	/	/	25.87	/	/	<=30	Pass
	3540	Edge 1RB Left	28.43	/	/	26.75	/	/	<=30	Pass
		Edge 1RB Right	28.40	/	/	26.72	/	/	<=30	Pass
		Outer Full	28.04	/	/	26.36	/	/	<=30	Pass
		Inner Full	27.69	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Right	28.50	/	/	26.82	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.005	Edge 1RB Left	27.69	/	/	26.01	/	/	<=30	Pass
		Edge 1RB Right	27.37	/	/	25.69	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.74	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Left	27.64	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Right	27.44	/	/	25.76	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass

		Edge 1RB Right	27.45	/	/	25.77	/	/	<=30	Pass
		Outer Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner Full	26.55	/	/	24.87	/	/	<=30	Pass
		Inner 1RB Left	27.36	/	/	25.68	/	/	<=30	Pass
		Inner 1RB Right	27.54	/	/	25.86	/	/	<=30	Pass
	3540	Edge 1RB Left	28.34	/	/	26.66	/	/	<=30	Pass
		Edge 1RB Right	28.36	/	/	26.68	/	/	<=30	Pass
		Outer Full	27.99	/	/	26.31	/	/	<=30	Pass
		Inner Full	27.70	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Left	28.30	/	/	26.62	/	/	<=30	Pass
	Inner 1RB Right	28.45	/	/	26.77	/	/	<=30	Pass	
CP-OFDM 64 QAM	3460.005	Edge 1RB Left	27.84	/	/	26.16	/	/	<=30	Pass
		Edge 1RB Right	27.32	/	/	25.64	/	/	<=30	Pass
		Outer Full	26.63	/	/	24.95	/	/	<=30	Pass
		Inner Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Left	27.76	/	/	26.08	/	/	<=30	Pass
		Inner 1RB Right	27.61	/	/	25.93	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.57	/	/	25.89	/	/	<=30	Pass
		Edge 1RB Right	27.64	/	/	25.96	/	/	<=30	Pass
		Outer Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Inner 1RB Right	27.70	/	/	26.02	/	/	<=30	Pass
	3540	Edge 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Edge 1RB Right	28.35	/	/	26.67	/	/	<=30	Pass
		Outer Full	27.60	/	/	25.92	/	/	<=30	Pass
Inner Full		27.69	/	/	26.01	/	/	<=30	Pass	
Inner 1RB Left		28.30	/	/	26.62	/	/	<=30	Pass	
Inner 1RB Right		28.44	/	/	26.76	/	/	<=30	Pass	
CP-OFDM 256 QAM	3460.005	Edge 1RB Left	24.35	/	/	22.67	/	/	<=30	Pass
		Edge 1RB Right	23.94	/	/	22.26	/	/	<=30	Pass
		Outer Full	23.02	/	/	21.34	/	/	<=30	Pass
		Inner Full	23.14	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Left	24.24	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Right	23.97	/	/	22.29	/	/	<=30	Pass
	3499.995	Edge 1RB Left	24.04	/	/	22.36	/	/	<=30	Pass
		Edge 1RB Right	23.96	/	/	22.28	/	/	<=30	Pass
		Outer Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner Full	22.79	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Left	23.90	/	/	22.22	/	/	<=30	Pass
		Inner 1RB Right	24.00	/	/	22.32	/	/	<=30	Pass
	3540	Edge 1RB Left	24.71	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Right	24.68	/	/	23.00	/	/	<=30	Pass
		Outer Full	23.49	/	/	21.81	/	/	<=30	Pass
Inner Full		23.61	/	/	21.93	/	/	<=30	Pass	
Inner 1RB Left		24.58	/	/	22.90	/	/	<=30	Pass	
Inner 1RB Right		24.71	/	/	23.03	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_25MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3462.51	Edge 1RB Left	27.09	/	/	25.41	/	/	<=30	Pass
		Edge 1RB Right	26.53	/	/	24.85	/	/	<=30	Pass
		Outer Full	27.18	/	/	25.50	/	/	<=30	Pass

		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Right	26.65	/	/	24.97	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.92	/	/	25.24	/	/	<=30	Pass
		Edge 1RB Right	26.98	/	/	25.30	/	/	<=30	Pass
		Outer Full	27.23	/	/	25.55	/	/	<=30	Pass
		Inner Full	26.83	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Right	27.12	/	/	25.44	/	/	<=30	Pass
		Edge 1RB Left	27.80	/	/	26.12	/	/	<=30	Pass
	3537.495	Edge 1RB Right	27.68	/	/	26.00	/	/	<=30	Pass
		Outer Full	28.08	/	/	26.40	/	/	<=30	Pass
		Inner Full	27.71	/	/	26.03	/	/	<=30	Pass
		Inner 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Right	27.82	/	/	26.14	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge 1RB Left	26.96	/	/	25.28	/	/	<=30	Pass
		Edge 1RB Right	26.46	/	/	24.78	/	/	<=30	Pass
		Outer Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	26.68	/	/	25.00	/	/	<=30	Pass
		Inner 1RB Right	26.61	/	/	24.93	/	/	<=30	Pass
		Edge 1RB Left	26.81	/	/	25.13	/	/	<=30	Pass
	3499.995	Edge 1RB Right	26.83	/	/	25.15	/	/	<=30	Pass
		Outer Full	27.16	/	/	25.48	/	/	<=30	Pass
		Inner Full	26.73	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Left	26.39	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Right	26.80	/	/	25.12	/	/	<=30	Pass
	3537.495	Edge 1RB Left	27.57	/	/	25.89	/	/	<=30	Pass
		Edge 1RB Right	27.56	/	/	25.88	/	/	<=30	Pass
		Outer Full	27.99	/	/	26.31	/	/	<=30	Pass
		Inner Full	27.63	/	/	25.95	/	/	<=30	Pass
		Inner 1RB Left	27.31	/	/	25.63	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Inner 1RB Right	27.72	/	/	26.04	/	/	<=30	Pass
		Edge 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Edge 1RB Right	26.60	/	/	24.92	/	/	<=30	Pass
		Outer Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	26.80	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Right	26.73	/	/	25.05	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.96	/	/	25.28	/	/	<=30	Pass
		Edge 1RB Right	26.91	/	/	25.23	/	/	<=30	Pass
		Outer Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner Full	26.77	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
	3537.495	Inner 1RB Right	27.05	/	/	25.37	/	/	<=30	Pass
		Edge 1RB Left	27.72	/	/	26.04	/	/	<=30	Pass
		Edge 1RB Right	27.68	/	/	26.00	/	/	<=30	Pass
		Outer Full	27.95	/	/	26.27	/	/	<=30	Pass
		Inner Full	27.66	/	/	25.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass
		Edge 1RB Left	25.61	/	/	23.93	/	/	<=30	Pass
		Edge 1RB Right	25.03	/	/	23.35	/	/	<=30	Pass
		Outer Full	25.29	/	/	23.61	/	/	<=30	Pass
		Inner Full	25.46	/	/	23.78	/	/	<=30	Pass
	3499.995	Inner 1RB Left	25.30	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	23.53	/	/	<=30	Pass
		Edge 1RB Left	25.50	/	/	23.82	/	/	<=30	Pass
		Edge 1RB Right	25.43	/	/	23.75	/	/	<=30	Pass

		Outer Full	25.32	/	/	23.64	/	/	<=30	Pass
		Inner Full	25.45	/	/	23.77	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Right	25.61	/	/	23.93	/	/	<=30	Pass
	3537.495	Edge 1RB Left	26.12	/	/	24.44	/	/	<=30	Pass
		Edge 1RB Right	26.06	/	/	24.38	/	/	<=30	Pass
		Outer Full	26.01	/	/	24.33	/	/	<=30	Pass
		Inner Full	26.14	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Left	25.77	/	/	24.09	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	24.54	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge 1RB Left	26.84	/	/	25.16	/	/	<=30	Pass
		Edge 1RB Right	26.40	/	/	24.72	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.69	/	/	25.01	/	/	<=30	Pass
		Inner 1RB Left	26.63	/	/	24.95	/	/	<=30	Pass
		Inner 1RB Right	26.56	/	/	24.88	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.70	/	/	25.02	/	/	<=30	Pass
		Edge 1RB Right	26.79	/	/	25.11	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	26.40	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	26.93	/	/	25.25	/	/	<=30	Pass
	3537.495	Edge 1RB Left	27.37	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Right	27.36	/	/	25.68	/	/	<=30	Pass
		Outer Full	27.79	/	/	26.11	/	/	<=30	Pass
		Inner Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner 1RB Left	27.23	/	/	25.55	/	/	<=30	Pass
		Inner 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge 1RB Left	26.67	/	/	24.99	/	/	<=30	Pass
		Edge 1RB Right	26.44	/	/	24.76	/	/	<=30	Pass
		Outer Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner Full	26.73	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Left	26.65	/	/	24.97	/	/	<=30	Pass
		Inner 1RB Right	26.57	/	/	24.89	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.49	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Right	26.54	/	/	24.86	/	/	<=30	Pass
		Outer Full	26.98	/	/	25.30	/	/	<=30	Pass
		Inner Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Left	26.28	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Right	26.66	/	/	24.98	/	/	<=30	Pass
	3537.495	Edge 1RB Left	27.36	/	/	25.68	/	/	<=30	Pass
		Edge 1RB Right	27.43	/	/	25.75	/	/	<=30	Pass
		Outer Full	27.72	/	/	26.04	/	/	<=30	Pass
		Inner Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Right	27.58	/	/	25.90	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge 1RB Left	26.98	/	/	25.30	/	/	<=30	Pass
		Edge 1RB Right	26.54	/	/	24.86	/	/	<=30	Pass
		Outer Full	26.55	/	/	24.87	/	/	<=30	Pass
		Inner Full	26.74	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Left	26.84	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Right	26.71	/	/	25.03	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.92	/	/	25.24	/	/	<=30	Pass
		Edge 1RB Right	26.99	/	/	25.31	/	/	<=30	Pass
		Outer Full	26.50	/	/	24.82	/	/	<=30	Pass
		Inner Full	26.64	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	27.12	/	/	25.44	/	/	<=30	Pass
	3537.495	Edge 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass

		Edge 1RB Right	27.54	/	/	25.86	/	/	<=30	Pass	
		Outer_Full	27.29	/	/	25.61	/	/	<=30	Pass	
		Inner_Full	27.46	/	/	25.78	/	/	<=30	Pass	
		Inner_1RB_Left	27.28	/	/	25.60	/	/	<=30	Pass	
		Inner_1RB_Right	27.68	/	/	26.00	/	/	<=30	Pass	
CP-OFDM 256 QAM	3462.51	Edge_1RB_Left	23.45	/	/	21.77	/	/	<=30	Pass	
		Edge_1RB_Right	22.87	/	/	21.19	/	/	<=30	Pass	
		Outer_Full	22.91	/	/	21.23	/	/	<=30	Pass	
		Inner_Full	23.10	/	/	21.42	/	/	<=30	Pass	
		Inner_1RB_Left	23.20	/	/	21.52	/	/	<=30	Pass	
		Inner_1RB_Right	23.03	/	/	21.35	/	/	<=30	Pass	
		3499.995	Edge_1RB_Left	23.12	/	/	21.44	/	/	<=30	Pass
			Edge_1RB_Right	23.09	/	/	21.41	/	/	<=30	Pass
			Outer_Full	22.71	/	/	21.03	/	/	<=30	Pass
			Inner_Full	22.87	/	/	21.19	/	/	<=30	Pass
	Inner_1RB_Left		22.88	/	/	21.20	/	/	<=30	Pass	
		Inner_1RB_Right	23.27	/	/	21.59	/	/	<=30	Pass	
		3537.495	Edge_1RB_Left	23.59	/	/	21.91	/	/	<=30	Pass
			Edge_1RB_Right	23.64	/	/	21.96	/	/	<=30	Pass
			Outer_Full	23.28	/	/	21.60	/	/	<=30	Pass
Inner_Full			23.48	/	/	21.80	/	/	<=30	Pass	
Inner_1RB_Left	23.34		/	/	21.66	/	/	<=30	Pass		
	Inner_1RB_Right	23.77	/	/	22.09	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.5 15k_SISO_30MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3465	Edge 1RB Left	27.54	/	/	25.86	/	/	<=30	Pass
		Edge 1RB Right	27.05	/	/	25.37	/	/	<=30	Pass
		Outer Full	26.76	/	/	25.08	/	/	<=30	Pass
		Inner Full	26.36	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Left	27.45	/	/	25.77	/	/	<=30	Pass
		Inner 1RB Right	27.08	/	/	25.40	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass
		Edge 1RB Right	27.64	/	/	25.96	/	/	<=30	Pass
		Outer Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner Full	26.42	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Inner 1RB Right	27.66	/	/	25.98	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.44	/	/	26.76	/	/	<=30	Pass
		Edge 1RB Right	28.48	/	/	26.80	/	/	<=30	Pass
		Outer Full	27.90	/	/	26.22	/	/	<=30	Pass
		Inner Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Left	28.35	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Right	28.50	/	/	26.82	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Edge 1RB Right	27.03	/	/	25.35	/	/	<=30	Pass
		Outer Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	27.05	/	/	25.37	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.41	/	/	25.73	/	/	<=30	Pass
		Edge 1RB Right	27.53	/	/	25.85	/	/	<=30	Pass
		Outer Full	26.82	/	/	25.14	/	/	<=30	Pass

		Inner Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Left	27.32	/	/	25.64	/	/	<=30	Pass
		Inner 1RB Right	27.55	/	/	25.87	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.08	/	/	26.40	/	/	<=30	Pass
		Edge 1RB Right	28.21	/	/	26.53	/	/	<=30	Pass
		Outer Full	27.82	/	/	26.14	/	/	<=30	Pass
		Inner Full	27.46	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass
		Inner 1RB Right	28.41	/	/	26.73	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Edge 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
		Outer Full	26.70	/	/	25.02	/	/	<=30	Pass
		Inner Full	26.40	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.27	/	/	25.59	/	/	<=30	Pass
		Edge 1RB Right	27.40	/	/	25.72	/	/	<=30	Pass
		Outer Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner Full	26.39	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Right	27.41	/	/	25.73	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.46	/	/	26.78	/	/	<=30	Pass
		Edge 1RB Right	28.27	/	/	26.59	/	/	<=30	Pass
		Outer Full	27.80	/	/	26.12	/	/	<=30	Pass
		Inner Full	27.46	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Left	28.39	/	/	26.71	/	/	<=30	Pass
		Inner 1RB Right	28.63	/	/	26.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge 1RB Left	26.11	/	/	24.43	/	/	<=30	Pass
		Edge 1RB Right	25.61	/	/	23.93	/	/	<=30	Pass
		Outer Full	24.87	/	/	23.19	/	/	<=30	Pass
		Inner Full	24.98	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Left	26.03	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Right	25.64	/	/	23.96	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.11	/	/	24.43	/	/	<=30	Pass
		Edge 1RB Right	26.19	/	/	24.51	/	/	<=30	Pass
		Outer Full	25.02	/	/	23.34	/	/	<=30	Pass
		Inner Full	25.07	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Left	26.01	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Right	26.23	/	/	24.55	/	/	<=30	Pass
	3534.99	Edge 1RB Left	26.75	/	/	25.07	/	/	<=30	Pass
		Edge 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
		Outer Full	25.83	/	/	24.15	/	/	<=30	Pass
		Inner Full	25.93	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Left	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Right	26.92	/	/	25.24	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge 1RB Left	27.29	/	/	25.61	/	/	<=30	Pass
		Edge 1RB Right	26.81	/	/	25.13	/	/	<=30	Pass
		Outer Full	26.63	/	/	24.95	/	/	<=30	Pass
		Inner Full	26.27	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	27.27	/	/	25.59	/	/	<=30	Pass
		Inner 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	27.32	/	/	25.64	/	/	<=30	Pass
		Outer Full	26.71	/	/	25.03	/	/	<=30	Pass
		Inner Full	26.33	/	/	24.65	/	/	<=30	Pass
		Inner 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Inner 1RB Right	27.42	/	/	25.74	/	/	<=30	Pass
	3534.99	Edge 1RB Left	27.99	/	/	26.31	/	/	<=30	Pass
		Edge 1RB Right	28.02	/	/	26.34	/	/	<=30	Pass

		Outer Full	27.67	/	/	25.99	/	/	<=30	Pass	
		Inner Full	27.33	/	/	25.65	/	/	<=30	Pass	
		Inner_1RB_Left	28.06	/	/	26.38	/	/	<=30	Pass	
		Inner_1RB_Right	28.08	/	/	26.40	/	/	<=30	Pass	
CP-OFDM 16 QAM	3465	Edge_1RB_Left	27.24	/	/	25.56	/	/	<=30	Pass	
		Edge_1RB_Right	26.80	/	/	25.12	/	/	<=30	Pass	
		Outer Full	26.55	/	/	24.87	/	/	<=30	Pass	
		Inner Full	26.30	/	/	24.62	/	/	<=30	Pass	
		Inner_1RB_Left	27.25	/	/	25.57	/	/	<=30	Pass	
		Inner_1RB_Right	26.91	/	/	25.23	/	/	<=30	Pass	
		3499.995	Edge_1RB_Left	27.14	/	/	25.46	/	/	<=30	Pass
			Edge_1RB_Right	27.21	/	/	25.53	/	/	<=30	Pass
	Outer Full		26.68	/	/	25.00	/	/	<=30	Pass	
	Inner Full		26.29	/	/	24.61	/	/	<=30	Pass	
	Inner_1RB_Left		27.14	/	/	25.46	/	/	<=30	Pass	
	Inner_1RB_Right		27.32	/	/	25.64	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	27.90	/	/	26.22	/	/	<=30	Pass	
		Edge_1RB_Right	27.97	/	/	26.29	/	/	<=30	Pass	
		Outer Full	27.60	/	/	25.92	/	/	<=30	Pass	
		Inner Full	27.30	/	/	25.62	/	/	<=30	Pass	
		Inner_1RB_Left	27.92	/	/	26.24	/	/	<=30	Pass	
		Inner_1RB_Right	28.08	/	/	26.40	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3465	Edge_1RB_Left	27.23	/	/	25.55	/	/	<=30	Pass
			Edge_1RB_Right	26.76	/	/	25.08	/	/	<=30	Pass
Outer Full			26.17	/	/	24.49	/	/	<=30	Pass	
Inner Full			26.32	/	/	24.64	/	/	<=30	Pass	
Inner_1RB_Left			27.23	/	/	25.55	/	/	<=30	Pass	
Inner_1RB_Right			26.87	/	/	25.19	/	/	<=30	Pass	
3499.995		Edge_1RB_Left	27.10	/	/	25.42	/	/	<=30	Pass	
		Edge_1RB_Right	27.18	/	/	25.50	/	/	<=30	Pass	
		Outer Full	26.22	/	/	24.54	/	/	<=30	Pass	
		Inner Full	26.30	/	/	24.62	/	/	<=30	Pass	
		Inner_1RB_Left	27.10	/	/	25.42	/	/	<=30	Pass	
		Inner_1RB_Right	27.28	/	/	25.60	/	/	<=30	Pass	
3534.99		Edge_1RB_Left	27.89	/	/	26.21	/	/	<=30	Pass	
		Edge_1RB_Right	27.96	/	/	26.28	/	/	<=30	Pass	
		Outer Full	27.19	/	/	25.51	/	/	<=30	Pass	
		Inner Full	27.31	/	/	25.63	/	/	<=30	Pass	
	Inner_1RB_Left	27.90	/	/	26.22	/	/	<=30	Pass		
	Inner_1RB_Right	28.06	/	/	26.38	/	/	<=30	Pass		
CP-OFDM 256 QAM	3465	Edge_1RB_Left	23.99	/	/	22.31	/	/	<=30	Pass	
		Edge_1RB_Right	23.42	/	/	21.74	/	/	<=30	Pass	
		Outer Full	22.51	/	/	20.83	/	/	<=30	Pass	
		Inner Full	22.65	/	/	20.97	/	/	<=30	Pass	
		Inner_1RB_Left	23.96	/	/	22.28	/	/	<=30	Pass	
		Inner_1RB_Right	23.52	/	/	21.84	/	/	<=30	Pass	
	3499.995	Edge_1RB_Left	23.72	/	/	22.04	/	/	<=30	Pass	
		Edge_1RB_Right	23.77	/	/	22.09	/	/	<=30	Pass	
		Outer Full	22.42	/	/	20.74	/	/	<=30	Pass	
		Inner Full	22.50	/	/	20.82	/	/	<=30	Pass	
		Inner_1RB_Left	23.70	/	/	22.02	/	/	<=30	Pass	
		Inner_1RB_Right	23.89	/	/	22.21	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	24.26	/	/	22.58	/	/	<=30	Pass	
		Edge_1RB_Right	24.37	/	/	22.69	/	/	<=30	Pass	
		Outer Full	23.14	/	/	21.46	/	/	<=30	Pass	
		Inner Full	23.28	/	/	21.60	/	/	<=30	Pass	
Inner_1RB_Left		24.22	/	/	22.54	/	/	<=30	Pass		
Inner_1RB_Right		24.49	/	/	22.81	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -1.68dBi;											

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15k_SISO_40MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	28.19	/	/	26.51	/	/	<=30	Pass
		Edge_1RB_Right	27.58	/	/	25.90	/	/	<=30	Pass
		Outer_Full	27.20	/	/	25.52	/	/	<=30	Pass
		Inner_Full	26.60	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	28.11	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Right	27.63	/	/	25.95	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	28.13	/	/	26.45	/	/	<=30	Pass
		Edge_1RB_Right	28.30	/	/	26.62	/	/	<=30	Pass
		Outer_Full	27.34	/	/	25.66	/	/	<=30	Pass
		Inner_Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Left	28.06	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Right	28.34	/	/	26.66	/	/	<=30	Pass
	3529.995	Edge_1RB_Left	28.82	/	/	27.14	/	/	<=30	Pass
		Edge_1RB_Right	29.01	/	/	27.33	/	/	<=30	Pass
		Outer_Full	28.30	/	/	26.62	/	/	<=30	Pass
		Inner_Full	27.74	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	28.74	/	/	27.06	/	/	<=30	Pass
		Inner_1RB_Right	29.03	/	/	27.35	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	28.10	/	/	26.42	/	/	<=30	Pass
		Edge_1RB_Right	27.50	/	/	25.82	/	/	<=30	Pass
		Outer_Full	27.07	/	/	25.39	/	/	<=30	Pass
		Inner_Full	26.60	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	28.02	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Right	27.54	/	/	25.86	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	28.06	/	/	26.38	/	/	<=30	Pass
		Edge_1RB_Right	28.15	/	/	26.47	/	/	<=30	Pass
		Outer_Full	27.30	/	/	25.62	/	/	<=30	Pass
		Inner_Full	26.68	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	27.98	/	/	26.30	/	/	<=30	Pass
		Inner_1RB_Right	28.18	/	/	26.50	/	/	<=30	Pass
	3529.995	Edge_1RB_Left	28.62	/	/	26.94	/	/	<=30	Pass
		Edge_1RB_Right	28.89	/	/	27.21	/	/	<=30	Pass
		Outer_Full	28.19	/	/	26.51	/	/	<=30	Pass
		Inner_Full	27.69	/	/	26.01	/	/	<=30	Pass
		Inner_1RB_Left	28.59	/	/	26.91	/	/	<=30	Pass
		Inner_1RB_Right	28.92	/	/	27.24	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	27.94	/	/	26.26	/	/	<=30	Pass
		Edge_1RB_Right	27.39	/	/	25.71	/	/	<=30	Pass
		Outer_Full	27.07	/	/	25.39	/	/	<=30	Pass
		Inner_Full	26.60	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	27.89	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Right	27.41	/	/	25.73	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	27.92	/	/	26.24	/	/	<=30	Pass
		Edge_1RB_Right	28.04	/	/	26.36	/	/	<=30	Pass
		Outer_Full	27.26	/	/	25.58	/	/	<=30	Pass
		Inner_Full	26.70	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	27.85	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Right	28.09	/	/	26.41	/	/	<=30	Pass
	3529.995	Edge_1RB_Left	28.48	/	/	26.80	/	/	<=30	Pass
		Edge_1RB_Right	28.77	/	/	27.09	/	/	<=30	Pass

		Outer Full	28.14	/	/	26.46	/	/	<=30	Pass
		Inner Full	27.68	/	/	26.00	/	/	<=30	Pass
		Inner 1RB Left	28.43	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Right	28.80	/	/	27.12	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Right	26.07	/	/	24.39	/	/	<=30	Pass
		Outer Full	25.22	/	/	23.54	/	/	<=30	Pass
		Inner Full	25.20	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	26.65	/	/	24.97	/	/	<=30	Pass
		Inner 1RB Right	26.13	/	/	24.45	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.81	/	/	25.13	/	/	<=30	Pass
		Edge 1RB Right	26.91	/	/	25.23	/	/	<=30	Pass
		Outer Full	25.54	/	/	23.86	/	/	<=30	Pass
		Inner Full	25.41	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Left	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Right	26.92	/	/	25.24	/	/	<=30	Pass
	3529.995	Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	27.48	/	/	25.80	/	/	<=30	Pass
		Outer Full	26.24	/	/	24.56	/	/	<=30	Pass
		Inner Full	26.18	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Left	27.12	/	/	25.44	/	/	<=30	Pass
		Inner 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge 1RB Left	27.80	/	/	26.12	/	/	<=30	Pass
		Edge 1RB Right	27.34	/	/	25.66	/	/	<=30	Pass
		Outer Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner Full	26.43	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Left	27.84	/	/	26.16	/	/	<=30	Pass
		Inner 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.81	/	/	26.13	/	/	<=30	Pass
		Edge 1RB Right	28.04	/	/	26.36	/	/	<=30	Pass
		Outer Full	27.19	/	/	25.51	/	/	<=30	Pass
		Inner Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Left	27.80	/	/	26.12	/	/	<=30	Pass
		Inner 1RB Right	28.01	/	/	26.33	/	/	<=30	Pass
	3529.995	Edge 1RB Left	28.31	/	/	26.63	/	/	<=30	Pass
		Edge 1RB Right	28.54	/	/	26.86	/	/	<=30	Pass
		Outer Full	27.98	/	/	26.30	/	/	<=30	Pass
		Inner Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Left	28.37	/	/	26.69	/	/	<=30	Pass
		Inner 1RB Right	28.52	/	/	26.84	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge 1RB Left	27.75	/	/	26.07	/	/	<=30	Pass
		Edge 1RB Right	27.28	/	/	25.60	/	/	<=30	Pass
		Outer Full	26.90	/	/	25.22	/	/	<=30	Pass
		Inner Full	26.45	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	27.78	/	/	26.10	/	/	<=30	Pass
		Inner 1RB Right	27.27	/	/	25.59	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.72	/	/	26.04	/	/	<=30	Pass
		Edge 1RB Right	27.91	/	/	26.23	/	/	<=30	Pass
		Outer Full	27.17	/	/	25.49	/	/	<=30	Pass
		Inner Full	26.56	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	27.74	/	/	26.06	/	/	<=30	Pass
		Inner 1RB Right	27.88	/	/	26.20	/	/	<=30	Pass
	3529.995	Edge 1RB Left	28.18	/	/	26.50	/	/	<=30	Pass
		Edge 1RB Right	28.51	/	/	26.83	/	/	<=30	Pass
		Outer Full	27.94	/	/	26.26	/	/	<=30	Pass
		Inner Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner 1RB Left	28.21	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	28.47	/	/	26.79	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge 1RB Left	27.76	/	/	26.08	/	/	<=30	Pass

		Edge 1RB Right	27.25	/	/	25.57	/	/	<=30	Pass
		Outer_Full	26.49	/	/	24.81	/	/	<=30	Pass
		Inner_Full	26.47	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	27.77	/	/	26.09	/	/	<=30	Pass
		Inner 1RB Right	27.24	/	/	25.56	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.73	/	/	26.05	/	/	<=30	Pass
		Edge 1RB Right	27.90	/	/	26.22	/	/	<=30	Pass
		Outer_Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner_Full	26.59	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	27.73	/	/	26.05	/	/	<=30	Pass
	3529.995	Inner 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
		Edge_1RB_Left	28.19	/	/	26.51	/	/	<=30	Pass
		Edge 1RB Right	28.51	/	/	26.83	/	/	<=30	Pass
		Outer_Full	27.52	/	/	25.84	/	/	<=30	Pass
		Inner_Full	27.46	/	/	25.78	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Inner_1RB_Left	28.22	/	/	26.54	/	/	<=30	Pass
		Inner 1RB Right	28.48	/	/	26.80	/	/	<=30	Pass
		Edge 1RB Left	24.65	/	/	22.97	/	/	<=30	Pass
		Edge 1RB Right	23.91	/	/	22.23	/	/	<=30	Pass
		Outer_Full	22.87	/	/	21.19	/	/	<=30	Pass
		Inner_Full	22.85	/	/	21.17	/	/	<=30	Pass
	3499.995	Inner_1RB_Left	24.62	/	/	22.94	/	/	<=30	Pass
		Inner 1RB Right	23.98	/	/	22.30	/	/	<=30	Pass
		Edge 1RB Left	24.53	/	/	22.85	/	/	<=30	Pass
		Edge 1RB Right	24.56	/	/	22.88	/	/	<=30	Pass
		Outer_Full	23.00	/	/	21.32	/	/	<=30	Pass
		Inner_Full	22.87	/	/	21.19	/	/	<=30	Pass
	3529.995	Inner_1RB_Left	24.49	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Right	24.63	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Left	24.76	/	/	23.08	/	/	<=30	Pass
Edge 1RB Right		25.06	/	/	23.38	/	/	<=30	Pass	
Outer_Full		23.54	/	/	21.86	/	/	<=30	Pass	
	Inner_Full	23.50	/	/	21.82	/	/	<=30	Pass	
	Inner_1RB_Left	24.73	/	/	23.05	/	/	<=30	Pass	
		Inner 1RB Right	25.10	/	/	23.42	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_50MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	3475.005	Edge 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Edge 1RB Right	26.96	/	/	25.28	/	/	<=30	Pass
		Outer Full	27.28	/	/	25.60	/	/	<=30	Pass
		Inner Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Left	27.34	/	/	25.66	/	/	<=30	Pass
		Inner 1RB Right	27.07	/	/	25.39	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.12	/	/	25.44	/	/	<=30	Pass
		Edge 1RB Right	27.50	/	/	25.82	/	/	<=30	Pass
		Outer Full	27.34	/	/	25.66	/	/	<=30	Pass
		Inner Full	26.71	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Left	27.10	/	/	25.42	/	/	<=30	Pass
	3525	Inner 1RB Right	27.60	/	/	25.92	/	/	<=30	Pass
		Edge 1RB Left	27.56	/	/	25.88	/	/	<=30	Pass
		Edge 1RB Right	28.19	/	/	26.51	/	/	<=30	Pass
		Outer Full	28.15	/	/	26.47	/	/	<=30	Pass

		Inner Full	27.61	/	/	25.93	/	/	<=30	Pass
		Inner 1RB Left	27.57	/	/	25.89	/	/	<=30	Pass
		Inner 1RB Right	28.28	/	/	26.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.005	Edge 1RB Left	27.04	/	/	25.36	/	/	<=30	Pass
		Edge 1RB Right	26.84	/	/	25.16	/	/	<=30	Pass
		Outer Full	27.18	/	/	25.50	/	/	<=30	Pass
		Inner Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	27.07	/	/	25.39	/	/	<=30	Pass
		Inner 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
		Edge 1RB Left	26.94	/	/	25.26	/	/	<=30	Pass
	3499.995	Edge 1RB Right	27.36	/	/	25.68	/	/	<=30	Pass
		Outer Full	27.29	/	/	25.61	/	/	<=30	Pass
		Inner Full	26.68	/	/	25.00	/	/	<=30	Pass
		Inner 1RB Left	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Right	27.47	/	/	25.79	/	/	<=30	Pass
	3525	Edge 1RB Left	27.39	/	/	25.71	/	/	<=30	Pass
		Edge 1RB Right	28.06	/	/	26.38	/	/	<=30	Pass
		Outer Full	28.06	/	/	26.38	/	/	<=30	Pass
		Inner Full	27.55	/	/	25.87	/	/	<=30	Pass
		Inner 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Inner 1RB Right	28.17	/	/	26.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.005	Edge 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Edge 1RB Right	26.97	/	/	25.29	/	/	<=30	Pass
		Outer Full	27.18	/	/	25.50	/	/	<=30	Pass
		Inner Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Inner 1RB Right	27.06	/	/	25.38	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.12	/	/	25.44	/	/	<=30	Pass
		Edge 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
		Outer Full	27.26	/	/	25.58	/	/	<=30	Pass
		Inner Full	26.68	/	/	25.00	/	/	<=30	Pass
		Inner 1RB Left	27.14	/	/	25.46	/	/	<=30	Pass
	3525	Inner 1RB Right	27.61	/	/	25.93	/	/	<=30	Pass
		Edge 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
		Edge 1RB Right	28.19	/	/	26.51	/	/	<=30	Pass
		Outer Full	28.02	/	/	26.34	/	/	<=30	Pass
		Inner Full	27.54	/	/	25.86	/	/	<=30	Pass
		Inner 1RB Left	27.51	/	/	25.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.005	Inner 1RB Right	28.28	/	/	26.60	/	/	<=30	Pass
		Edge 1RB Left	25.88	/	/	24.20	/	/	<=30	Pass
		Edge 1RB Right	25.45	/	/	23.77	/	/	<=30	Pass
		Outer Full	25.36	/	/	23.68	/	/	<=30	Pass
		Inner Full	25.31	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Left	25.90	/	/	24.22	/	/	<=30	Pass
	3499.995	Inner 1RB Right	25.55	/	/	23.87	/	/	<=30	Pass
		Edge 1RB Left	25.80	/	/	24.12	/	/	<=30	Pass
		Edge 1RB Right	26.12	/	/	24.44	/	/	<=30	Pass
		Outer Full	25.54	/	/	23.86	/	/	<=30	Pass
		Inner Full	25.41	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Left	25.84	/	/	24.16	/	/	<=30	Pass
	3525	Inner 1RB Right	26.21	/	/	24.53	/	/	<=30	Pass
		Edge 1RB Left	25.92	/	/	24.24	/	/	<=30	Pass
		Edge 1RB Right	26.61	/	/	24.93	/	/	<=30	Pass
		Outer Full	26.09	/	/	24.41	/	/	<=30	Pass
		Inner Full	26.05	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Left	25.93	/	/	24.25	/	/	<=30	Pass
CP-OFDM QPSK	3475.005	Inner 1RB Right	26.72	/	/	25.04	/	/	<=30	Pass
		Edge 1RB Left	27.00	/	/	25.32	/	/	<=30	Pass
		Edge 1RB Right	27.44	/	/	25.76	/	/	<=30	Pass

		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	27.03	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Right	27.39	/	/	25.71	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.90	/	/	25.22	/	/	<=30	Pass
		Edge 1RB Right	28.00	/	/	26.32	/	/	<=30	Pass
		Outer Full	27.09	/	/	25.41	/	/	<=30	Pass
		Inner Full	26.56	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Right	27.94	/	/	26.26	/	/	<=30	Pass
		Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	28.51	/	/	26.83	/	/	<=30	Pass
	3525	Outer Full	27.75	/	/	26.07	/	/	<=30	Pass
		Inner Full	27.31	/	/	25.63	/	/	<=30	Pass
		Inner 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Right	28.44	/	/	26.76	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.005	Edge 1RB Left	26.83	/	/	25.15	/	/	<=30	Pass
		Edge 1RB Right	27.29	/	/	25.61	/	/	<=30	Pass
		Outer Full	26.93	/	/	25.25	/	/	<=30	Pass
		Inner Full	26.51	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Left	26.90	/	/	25.22	/	/	<=30	Pass
		Inner 1RB Right	27.24	/	/	25.56	/	/	<=30	Pass
	3499.995	Edge 1RB Left	26.73	/	/	25.05	/	/	<=30	Pass
		Edge 1RB Right	27.99	/	/	26.31	/	/	<=30	Pass
		Outer Full	27.08	/	/	25.40	/	/	<=30	Pass
		Inner Full	26.52	/	/	24.84	/	/	<=30	Pass
	3525	Inner 1RB Left	26.80	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Right	27.93	/	/	26.25	/	/	<=30	Pass
		Edge 1RB Left	26.96	/	/	25.28	/	/	<=30	Pass
		Edge 1RB Right	28.37	/	/	26.69	/	/	<=30	Pass
		Outer Full	27.72	/	/	26.04	/	/	<=30	Pass
		Inner Full	27.24	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Left	27.06	/	/	25.38	/	/	<=30	Pass
		Inner 1RB Right	28.32	/	/	26.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.005	Edge 1RB Left	27.24	/	/	25.56	/	/	<=30	Pass
		Edge 1RB Right	27.68	/	/	26.00	/	/	<=30	Pass
		Outer Full	26.52	/	/	24.84	/	/	<=30	Pass
		Inner Full	26.49	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Left	27.31	/	/	25.63	/	/	<=30	Pass
		Inner 1RB Right	27.63	/	/	25.95	/	/	<=30	Pass
	3499.995	Edge 1RB Left	27.03	/	/	25.35	/	/	<=30	Pass
		Edge 1RB Right	28.07	/	/	26.39	/	/	<=30	Pass
		Outer Full	26.64	/	/	24.96	/	/	<=30	Pass
		Inner Full	26.52	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Left	27.10	/	/	25.42	/	/	<=30	Pass
		Inner 1RB Right	28.02	/	/	26.34	/	/	<=30	Pass
	3525	Edge 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge 1RB Right	28.70	/	/	27.02	/	/	<=30	Pass
		Outer Full	27.27	/	/	25.59	/	/	<=30	Pass
		Inner Full	27.24	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Left	27.36	/	/	25.68	/	/	<=30	Pass
		Inner 1RB Right	28.66	/	/	26.98	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.005	Edge 1RB Left	23.63	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	24.01	/	/	22.33	/	/	<=30	Pass
		Outer Full	22.76	/	/	21.08	/	/	<=30	Pass
		Inner Full	22.78	/	/	21.10	/	/	<=30	Pass
		Inner 1RB Left	23.67	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Right	23.96	/	/	22.28	/	/	<=30	Pass
	3499.995	Edge 1RB Left	23.54	/	/	21.86	/	/	<=30	Pass

		Edge 1RB Right	24.62	/	/	22.94	/	/	<=30	Pass
		Outer_Full	22.88	/	/	21.20	/	/	<=30	Pass
		Inner_Full	22.80	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	21.90	/	/	<=30	Pass
		Inner 1RB Right	24.57	/	/	22.89	/	/	<=30	Pass
	3525	Edge 1RB Left	23.49	/	/	21.81	/	/	<=30	Pass
		Edge 1RB Right	25.02	/	/	23.34	/	/	<=30	Pass
		Outer_Full	23.28	/	/	21.60	/	/	<=30	Pass
		Inner_Full	23.28	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.88	/	/	<=30	Pass
		Inner 1RB Right	24.98	/	/	23.30	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 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 QPSK	3455.01	Edge 1RB Left	27.11	/	/	25.43	/	/	<=30	Pass
		Edge 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	26.92	/	/	25.24	/	/	<=30	Pass
	3500.01	Inner 1RB Right	27.01	/	/	25.33	/	/	<=30	Pass
		Edge 1RB Left	27.22	/	/	25.54	/	/	<=30	Pass
		Edge 1RB Right	27.23	/	/	25.55	/	/	<=30	Pass
		Outer Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner Full	27.03	/	/	25.35	/	/	<=30	Pass
	3544.98	Inner 1RB Left	27.07	/	/	25.39	/	/	<=30	Pass
		Inner 1RB Right	27.34	/	/	25.66	/	/	<=30	Pass
		Edge 1RB Left	28.57	/	/	26.89	/	/	<=30	Pass
		Edge 1RB Right	28.48	/	/	26.80	/	/	<=30	Pass
		Outer Full	28.47	/	/	26.79	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Inner Full	28.34	/	/	26.66	/	/	<=30	Pass
		Inner 1RB Left	28.41	/	/	26.73	/	/	<=30	Pass
		Inner 1RB Right	28.54	/	/	26.86	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.14	/	/	25.46	/	/	<=30	Pass
		Edge 1RB Right	26.94	/	/	25.26	/	/	<=30	Pass
		Outer Full	26.90	/	/	25.22	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
	3544.98	Inner 1RB Left	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Right	27.07	/	/	25.39	/	/	<=30	Pass
		Edge 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge 1RB Right	27.23	/	/	25.55	/	/	<=30	Pass
		Outer Full	27.11	/	/	25.43	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Inner Full	27.04	/	/	25.36	/	/	<=30	Pass
		Inner 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Right	27.32	/	/	25.64	/	/	<=30	Pass
	3500.01	Edge 1RB Left	28.58	/	/	26.90	/	/	<=30	Pass
		Edge 1RB Right	28.47	/	/	26.79	/	/	<=30	Pass
		Outer Full	28.39	/	/	26.71	/	/	<=30	Pass
	3544.98	Inner Full	28.44	/	/	26.76	/	/	<=30	Pass
		Inner 1RB Left	28.41	/	/	26.73	/	/	<=30	Pass
		Inner 1RB Right	28.58	/	/	26.90	/	/	<=30	Pass
	3455.01	Edge 1RB Left	27.16	/	/	25.48	/	/	<=30	Pass
		Edge 1RB Right	26.98	/	/	25.30	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass

		Inner Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Left	26.98	/	/	25.30	/	/	<=30	Pass
		Inner 1RB Right	27.02	/	/	25.34	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.29	/	/	25.61	/	/	<=30	Pass
		Edge 1RB Right	27.24	/	/	25.56	/	/	<=30	Pass
		Outer Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Left	27.09	/	/	25.41	/	/	<=30	Pass
		Inner 1RB Right	27.31	/	/	25.63	/	/	<=30	Pass
		Edge 1RB Left	28.61	/	/	26.93	/	/	<=30	Pass
	3544.98	Edge 1RB Right	28.52	/	/	26.84	/	/	<=30	Pass
		Outer Full	28.49	/	/	26.81	/	/	<=30	Pass
		Inner Full	28.33	/	/	26.65	/	/	<=30	Pass
		Inner 1RB Left	28.46	/	/	26.78	/	/	<=30	Pass
		Inner 1RB Right	28.60	/	/	26.92	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge 1RB Left	25.95	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Right	25.73	/	/	24.05	/	/	<=30	Pass
		Outer Full	25.24	/	/	23.56	/	/	<=30	Pass
		Inner Full	25.63	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	25.73	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Right	25.79	/	/	24.11	/	/	<=30	Pass
		Edge 1RB Left	25.89	/	/	24.21	/	/	<=30	Pass
	3500.01	Edge 1RB Right	25.81	/	/	24.13	/	/	<=30	Pass
		Outer Full	25.28	/	/	23.60	/	/	<=30	Pass
		Inner Full	25.70	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Left	25.69	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Right	25.96	/	/	24.28	/	/	<=30	Pass
	3544.98	Edge 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass
		Edge 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
		Outer Full	26.42	/	/	24.74	/	/	<=30	Pass
		Inner Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Right	27.03	/	/	25.35	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge 1RB Left	26.89	/	/	25.21	/	/	<=30	Pass
		Edge 1RB Right	26.85	/	/	25.17	/	/	<=30	Pass
		Outer Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner Full	26.69	/	/	25.01	/	/	<=30	Pass
		Inner 1RB Left	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Right	26.82	/	/	25.14	/	/	<=30	Pass
		Edge 1RB Left	26.96	/	/	25.28	/	/	<=30	Pass
	3500.01	Edge 1RB Right	27.03	/	/	25.35	/	/	<=30	Pass
		Outer Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	26.84	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Right	27.14	/	/	25.46	/	/	<=30	Pass
	3544.98	Edge 1RB Left	28.21	/	/	26.53	/	/	<=30	Pass
		Edge 1RB Right	28.19	/	/	26.51	/	/	<=30	Pass
		Outer Full	28.21	/	/	26.53	/	/	<=30	Pass
		Inner Full	28.13	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Left	28.15	/	/	26.47	/	/	<=30	Pass
CP-OFDM 16 QAM	3455.01	Inner 1RB Right	28.26	/	/	26.58	/	/	<=30	Pass
		Edge 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Edge 1RB Right	26.87	/	/	25.19	/	/	<=30	Pass
		Outer Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner Full	26.78	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Left	26.84	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Right	26.91	/	/	25.23	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.05	/	/	25.37	/	/	<=30	Pass
		Edge 1RB Right	27.06	/	/	25.38	/	/	<=30	Pass

		Outer_Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner_Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	26.90	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	27.12	/	/	25.44	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	28.30	/	/	26.62	/	/	<=30	Pass
		Edge_1RB_Right	28.31	/	/	26.63	/	/	<=30	Pass
		Outer_Full	28.18	/	/	26.50	/	/	<=30	Pass
		Inner_Full	28.16	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Left	28.19	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Right	28.36	/	/	26.68	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	27.13	/	/	25.45	/	/	<=30	Pass
		Edge_1RB_Right	27.02	/	/	25.34	/	/	<=30	Pass
		Outer_Full	26.36	/	/	24.68	/	/	<=30	Pass
		Inner_Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Left	26.99	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	27.06	/	/	25.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	27.15	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	27.17	/	/	25.49	/	/	<=30	Pass
		Outer_Full	26.48	/	/	24.80	/	/	<=30	Pass
		Inner_Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	26.98	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	27.21	/	/	25.53	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	28.38	/	/	26.70	/	/	<=30	Pass
		Edge_1RB_Right	28.38	/	/	26.70	/	/	<=30	Pass
		Outer_Full	27.79	/	/	26.11	/	/	<=30	Pass
		Inner_Full	28.18	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Left	28.28	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Right	28.51	/	/	26.83	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	23.56	/	/	21.88	/	/	<=30	Pass
		Edge_1RB_Right	23.37	/	/	21.69	/	/	<=30	Pass
		Outer_Full	22.82	/	/	21.14	/	/	<=30	Pass
		Inner_Full	23.19	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	21.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.33	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	21.61	/	/	<=30	Pass
		Outer_Full	22.62	/	/	20.94	/	/	<=30	Pass
		Inner_Full	23.03	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	21.67	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	24.38	/	/	22.70	/	/	<=30	Pass
		Edge_1RB_Right	24.28	/	/	22.60	/	/	<=30	Pass
		Outer_Full	23.69	/	/	22.01	/	/	<=30	Pass
		Inner_Full	24.06	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	22.70	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 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 QPSK	3457.5	Edge_1RB_Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	27.41	/	/	25.73	/	/	<=30	Pass
		Outer_Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner_Full	26.71	/	/	25.03	/	/	<=30	Pass

		Inner 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Inner 1RB Right	27.24	/	/	25.56	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge 1RB Right	27.71	/	/	26.03	/	/	<=30	Pass
		Outer Full	27.03	/	/	25.35	/	/	<=30	Pass
		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	27.22	/	/	25.54	/	/	<=30	Pass
		Inner 1RB Right	27.55	/	/	25.87	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.66	/	/	26.98	/	/	<=30	Pass
		Edge 1RB Right	28.98	/	/	27.30	/	/	<=30	Pass
		Outer Full	28.43	/	/	26.75	/	/	<=30	Pass
		Inner Full	28.29	/	/	26.61	/	/	<=30	Pass
		Inner 1RB Left	28.61	/	/	26.93	/	/	<=30	Pass
		Inner 1RB Right	28.81	/	/	27.13	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge 1RB Left	27.25	/	/	25.57	/	/	<=30	Pass
		Edge 1RB Right	27.44	/	/	25.76	/	/	<=30	Pass
		Outer Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Left	27.24	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Right	27.40	/	/	25.72	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.31	/	/	25.63	/	/	<=30	Pass
		Edge 1RB Right	27.71	/	/	26.03	/	/	<=30	Pass
		Outer Full	27.03	/	/	25.35	/	/	<=30	Pass
		Inner Full	26.83	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Right	27.56	/	/	25.88	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.54	/	/	26.86	/	/	<=30	Pass
		Edge 1RB Right	28.84	/	/	27.16	/	/	<=30	Pass
		Outer Full	28.40	/	/	26.72	/	/	<=30	Pass
		Inner Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner 1RB Left	28.48	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Right	28.69	/	/	27.01	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge 1RB Left	27.13	/	/	25.45	/	/	<=30	Pass
		Edge 1RB Right	27.31	/	/	25.63	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner Full	26.73	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Left	27.07	/	/	25.39	/	/	<=30	Pass
		Inner 1RB Right	27.14	/	/	25.46	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.16	/	/	25.48	/	/	<=30	Pass
		Edge 1RB Right	27.54	/	/	25.86	/	/	<=30	Pass
		Outer Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	27.11	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Right	27.39	/	/	25.71	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.67	/	/	26.99	/	/	<=30	Pass
		Edge 1RB Right	28.97	/	/	27.29	/	/	<=30	Pass
		Outer Full	28.36	/	/	26.68	/	/	<=30	Pass
		Inner Full	28.20	/	/	26.52	/	/	<=30	Pass
		Inner 1RB Left	28.63	/	/	26.95	/	/	<=30	Pass
		Inner 1RB Right	28.84	/	/	27.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge 1RB Left	26.07	/	/	24.39	/	/	<=30	Pass
		Edge 1RB Right	26.18	/	/	24.50	/	/	<=30	Pass
		Outer Full	25.23	/	/	23.55	/	/	<=30	Pass
		Inner Full	25.49	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Left	25.95	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Right	26.08	/	/	24.40	/	/	<=30	Pass
	3500.01	Edge 1RB Left	25.97	/	/	24.29	/	/	<=30	Pass
		Edge 1RB Right	26.33	/	/	24.65	/	/	<=30	Pass
		Outer Full	25.20	/	/	23.52	/	/	<=30	Pass

		Inner Full	25.52	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Left	25.90	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	26.19	/	/	24.51	/	/	<=30	Pass
	3542.49	Edge 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Edge 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
		Outer Full	26.30	/	/	24.62	/	/	<=30	Pass
		Inner Full	26.59	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Left	26.91	/	/	25.23	/	/	<=30	Pass
		Inner 1RB Right	27.19	/	/	25.51	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge 1RB Left	27.03	/	/	25.35	/	/	<=30	Pass
		Edge 1RB Right	27.18	/	/	25.50	/	/	<=30	Pass
		Outer Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Left	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Right	27.11	/	/	25.43	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.10	/	/	25.42	/	/	<=30	Pass
		Edge 1RB Right	27.53	/	/	25.85	/	/	<=30	Pass
		Outer Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner Full	26.78	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Left	27.11	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Right	27.49	/	/	25.81	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.15	/	/	26.47	/	/	<=30	Pass
		Edge 1RB Right	28.41	/	/	26.73	/	/	<=30	Pass
		Outer Full	28.16	/	/	26.48	/	/	<=30	Pass
		Inner Full	27.93	/	/	26.25	/	/	<=30	Pass
		Inner 1RB Left	28.12	/	/	26.44	/	/	<=30	Pass
		Inner 1RB Right	28.38	/	/	26.70	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Edge 1RB Left	27.03	/	/	25.35	/	/	<=30	Pass
		Edge 1RB Right	27.18	/	/	25.50	/	/	<=30	Pass
		Outer Full	26.71	/	/	25.03	/	/	<=30	Pass
		Inner Full	26.56	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Right	27.14	/	/	25.46	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.15	/	/	25.47	/	/	<=30	Pass
		Edge 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
		Outer Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Left	27.05	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Right	27.46	/	/	25.78	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.09	/	/	26.41	/	/	<=30	Pass
		Edge 1RB Right	28.41	/	/	26.73	/	/	<=30	Pass
		Outer Full	28.10	/	/	26.42	/	/	<=30	Pass
		Inner Full	27.96	/	/	26.28	/	/	<=30	Pass
		Inner 1RB Left	28.09	/	/	26.41	/	/	<=30	Pass
		Inner 1RB Right	28.42	/	/	26.74	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5	Edge 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Edge 1RB Right	27.18	/	/	25.50	/	/	<=30	Pass
		Outer Full	26.33	/	/	24.65	/	/	<=30	Pass
		Inner Full	26.57	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Left	27.00	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Right	27.14	/	/	25.46	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.10	/	/	25.42	/	/	<=30	Pass
		Edge 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
		Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.77	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Right	27.45	/	/	25.77	/	/	<=30	Pass
	3542.49	Edge 1RB Left	28.35	/	/	26.67	/	/	<=30	Pass
		Edge 1RB Right	28.64	/	/	26.96	/	/	<=30	Pass

		Outer_Full	27.75	/	/	26.07	/	/	<=30	Pass
		Inner_Full	28.00	/	/	26.32	/	/	<=30	Pass
		Inner_1RB_Left	28.37	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Right	28.72	/	/	27.04	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Edge_1RB_Left	23.52	/	/	21.84	/	/	<=30	Pass
		Edge_1RB_Right	23.71	/	/	22.03	/	/	<=30	Pass
		Outer_Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner_Full	23.00	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Left	23.49	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	23.88	/	/	22.20	/	/	<=30	Pass
	3500.01	Outer_Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner_Full	23.01	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	22.08	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	24.29	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Right	24.67	/	/	22.99	/	/	<=30	Pass
		Outer_Full	23.59	/	/	21.91	/	/	<=30	Pass
		Inner_Full	23.89	/	/	22.21	/	/	<=30	Pass
Inner_1RB_Left		24.24	/	/	22.56	/	/	<=30	Pass	
Inner_1RB_Right		24.54	/	/	22.86	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 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 QPSK	3460.02	Edge 1RB Left	27.73	/	/	26.05	/	/	<=30	Pass
		Edge 1RB Right	27.82	/	/	26.14	/	/	<=30	Pass
		Outer Full	27.30	/	/	25.62	/	/	<=30	Pass
		Inner Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Left	27.69	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Right	27.69	/	/	26.01	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.72	/	/	26.04	/	/	<=30	Pass
		Edge 1RB Right	28.25	/	/	26.57	/	/	<=30	Pass
		Outer Full	27.35	/	/	25.67	/	/	<=30	Pass
		Inner Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Left	27.70	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Right	28.12	/	/	26.44	/	/	<=30	Pass
	3540	Edge 1RB Left	28.83	/	/	27.15	/	/	<=30	Pass
		Edge 1RB Right	29.26	/	/	27.58	/	/	<=30	Pass
		Outer Full	28.50	/	/	26.82	/	/	<=30	Pass
		Inner Full	28.18	/	/	26.50	/	/	<=30	Pass
		Inner 1RB Left	28.86	/	/	27.18	/	/	<=30	Pass
		Inner 1RB Right	29.05	/	/	27.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge 1RB Left	27.71	/	/	26.03	/	/	<=30	Pass
		Edge 1RB Right	27.89	/	/	26.21	/	/	<=30	Pass
		Outer Full	27.20	/	/	25.52	/	/	<=30	Pass
		Inner Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner 1RB Left	27.71	/	/	26.03	/	/	<=30	Pass
		Inner 1RB Right	27.75	/	/	26.07	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.68	/	/	26.00	/	/	<=30	Pass
		Edge 1RB Right	28.17	/	/	26.49	/	/	<=30	Pass
		Outer Full	27.32	/	/	25.64	/	/	<=30	Pass
		Inner Full	26.97	/	/	25.29	/	/	<=30	Pass

		Inner 1RB Left	27.67	/	/	25.99	/	/	<=30	Pass
		Inner 1RB Right	28.04	/	/	26.36	/	/	<=30	Pass
	3540	Edge 1RB Left	28.76	/	/	27.08	/	/	<=30	Pass
		Edge 1RB Right	29.16	/	/	27.48	/	/	<=30	Pass
		Outer Full	28.42	/	/	26.74	/	/	<=30	Pass
		Inner Full	28.16	/	/	26.48	/	/	<=30	Pass
		Inner 1RB Left	28.77	/	/	27.09	/	/	<=30	Pass
		Inner 1RB Right	29.05	/	/	27.37	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge 1RB Left	27.75	/	/	26.07	/	/	<=30	Pass
		Edge 1RB Right	27.88	/	/	26.20	/	/	<=30	Pass
		Outer Full	27.23	/	/	25.55	/	/	<=30	Pass
		Inner Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Left	27.72	/	/	26.04	/	/	<=30	Pass
		Inner 1RB Right	27.76	/	/	26.08	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.72	/	/	26.04	/	/	<=30	Pass
		Edge 1RB Right	28.21	/	/	26.53	/	/	<=30	Pass
		Outer Full	27.29	/	/	25.61	/	/	<=30	Pass
		Inner Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Left	27.70	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Right	28.07	/	/	26.39	/	/	<=30	Pass
	3540	Edge 1RB Left	28.78	/	/	27.10	/	/	<=30	Pass
		Edge 1RB Right	29.14	/	/	27.46	/	/	<=30	Pass
		Outer Full	28.41	/	/	26.73	/	/	<=30	Pass
		Inner Full	28.19	/	/	26.51	/	/	<=30	Pass
		Inner 1RB Left	28.78	/	/	27.10	/	/	<=30	Pass
		Inner 1RB Right	29.04	/	/	27.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge 1RB Left	26.31	/	/	24.63	/	/	<=30	Pass
		Edge 1RB Right	26.44	/	/	24.76	/	/	<=30	Pass
		Outer Full	25.37	/	/	23.69	/	/	<=30	Pass
		Inner Full	25.56	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Left	26.26	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	26.32	/	/	24.64	/	/	<=30	Pass
	3500.01	Edge 1RB Left	26.32	/	/	24.64	/	/	<=30	Pass
		Edge 1RB Right	26.81	/	/	25.13	/	/	<=30	Pass
		Outer Full	25.49	/	/	23.81	/	/	<=30	Pass
		Inner Full	25.61	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	26.33	/	/	24.65	/	/	<=30	Pass
		Inner 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
	3540	Edge 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge 1RB Right	27.65	/	/	25.97	/	/	<=30	Pass
		Outer Full	26.41	/	/	24.73	/	/	<=30	Pass
		Inner Full	26.57	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Left	27.17	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Right	27.53	/	/	25.85	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge 1RB Left	27.43	/	/	25.75	/	/	<=30	Pass
		Edge 1RB Right	27.62	/	/	25.94	/	/	<=30	Pass
		Outer Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner Full	26.84	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Inner 1RB Right	27.50	/	/	25.82	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Edge 1RB Right	27.92	/	/	26.24	/	/	<=30	Pass
		Outer Full	27.15	/	/	25.47	/	/	<=30	Pass
		Inner Full	26.84	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Inner 1RB Right	27.77	/	/	26.09	/	/	<=30	Pass
	3540	Edge 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Edge 1RB Right	28.78	/	/	27.10	/	/	<=30	Pass
		Outer Full	28.21	/	/	26.53	/	/	<=30	Pass

		Inner Full	28.02	/	/	26.34	/	/	<=30	Pass
		Inner 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Right	28.61	/	/	26.93	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge 1RB Left	27.52	/	/	25.84	/	/	<=30	Pass
		Edge 1RB Right	27.73	/	/	26.05	/	/	<=30	Pass
		Outer Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Inner 1RB Right	27.60	/	/	25.92	/	/	<=30	Pass
		Edge 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
	3500.01	Edge 1RB Right	27.95	/	/	26.27	/	/	<=30	Pass
		Outer Full	27.15	/	/	25.47	/	/	<=30	Pass
		Inner Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Inner 1RB Right	27.79	/	/	26.11	/	/	<=30	Pass
	3540	Edge 1RB Left	28.49	/	/	26.81	/	/	<=30	Pass
		Edge 1RB Right	28.96	/	/	27.28	/	/	<=30	Pass
		Outer Full	28.28	/	/	26.60	/	/	<=30	Pass
		Inner Full	27.99	/	/	26.31	/	/	<=30	Pass
		Inner 1RB Left	28.50	/	/	26.82	/	/	<=30	Pass
	Inner 1RB Right	28.82	/	/	27.14	/	/	<=30	Pass	
CP-OFDM 64 QAM	3460.02	Edge 1RB Left	27.64	/	/	25.96	/	/	<=30	Pass
		Edge 1RB Right	27.83	/	/	26.15	/	/	<=30	Pass
		Outer Full	26.72	/	/	25.04	/	/	<=30	Pass
		Inner Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	27.65	/	/	25.97	/	/	<=30	Pass
		Inner 1RB Right	27.72	/	/	26.04	/	/	<=30	Pass
	3500.01	Edge 1RB Left	12.36	/	/	10.68	/	/	<=30	Pass
		Edge 1RB Right	28.13	/	/	26.45	/	/	<=30	Pass
		Outer Full	26.71	/	/	25.03	/	/	<=30	Pass
		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	27.61	/	/	25.93	/	/	<=30	Pass
	3540	Inner 1RB Right	27.94	/	/	26.26	/	/	<=30	Pass
		Edge 1RB Left	28.58	/	/	26.90	/	/	<=30	Pass
		Edge 1RB Right	29.02	/	/	27.34	/	/	<=30	Pass
		Outer Full	27.87	/	/	26.19	/	/	<=30	Pass
Inner Full		28.13	/	/	26.45	/	/	<=30	Pass	
CP-OFDM 256 QAM	3460.02	Inner 1RB Left	28.62	/	/	26.94	/	/	<=30	Pass
		Inner 1RB Right	28.88	/	/	27.20	/	/	<=30	Pass
		Edge 1RB Left	24.07	/	/	22.39	/	/	<=30	Pass
		Edge 1RB Right	24.25	/	/	22.57	/	/	<=30	Pass
		Outer Full	23.05	/	/	21.37	/	/	<=30	Pass
		Inner Full	23.24	/	/	21.56	/	/	<=30	Pass
	3500.01	Inner 1RB Left	24.09	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	24.11	/	/	22.43	/	/	<=30	Pass
		Edge 1RB Left	23.85	/	/	22.17	/	/	<=30	Pass
		Edge 1RB Right	24.36	/	/	22.68	/	/	<=30	Pass
		Outer Full	22.92	/	/	21.24	/	/	<=30	Pass
		Inner Full	23.01	/	/	21.33	/	/	<=30	Pass
	3540	Inner 1RB Left	23.84	/	/	22.16	/	/	<=30	Pass
		Inner 1RB Right	24.16	/	/	22.48	/	/	<=30	Pass
		Edge 1RB Left	24.65	/	/	22.97	/	/	<=30	Pass
Edge 1RB Right		25.15	/	/	23.47	/	/	<=30	Pass	
Outer Full		23.81	/	/	22.13	/	/	<=30	Pass	
Inner Full	23.92	/	/	22.24	/	/	<=30	Pass		
Inner 1RB Left	24.65	/	/	22.97	/	/	<=30	Pass		
Inner 1RB Right	24.98	/	/	23.30	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.11 30k_SISO_25MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3462.51	Edge 1RB Left	27.25	/	/	25.57	/	/	<=30	Pass
		Edge 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
		Outer Full	27.60	/	/	25.92	/	/	<=30	Pass
		Inner Full	27.22	/	/	25.54	/	/	<=30	Pass
		Inner 1RB Left	27.57	/	/	25.89	/	/	<=30	Pass
		Inner 1RB Right	27.38	/	/	25.70	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.04	/	/	25.36	/	/	<=30	Pass
		Edge 1RB Right	27.68	/	/	26.00	/	/	<=30	Pass
		Outer Full	27.55	/	/	25.87	/	/	<=30	Pass
		Inner Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner 1RB Left	27.36	/	/	25.68	/	/	<=30	Pass
		Inner 1RB Right	27.72	/	/	26.04	/	/	<=30	Pass
	3537.48	Edge 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass
		Edge 1RB Right	28.51	/	/	26.83	/	/	<=30	Pass
		Outer Full	28.52	/	/	26.84	/	/	<=30	Pass
		Inner Full	28.14	/	/	26.46	/	/	<=30	Pass
		Inner 1RB Left	28.34	/	/	26.66	/	/	<=30	Pass
		Inner 1RB Right	28.56	/	/	26.88	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge 1RB Left	27.14	/	/	25.46	/	/	<=30	Pass
		Edge 1RB Right	27.25	/	/	25.57	/	/	<=30	Pass
		Outer Full	27.47	/	/	25.79	/	/	<=30	Pass
		Inner Full	27.24	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Inner 1RB Right	27.30	/	/	25.62	/	/	<=30	Pass
	3500.01	Edge 1RB Left	26.90	/	/	25.22	/	/	<=30	Pass
		Edge 1RB Right	27.50	/	/	25.82	/	/	<=30	Pass
		Outer Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner Full	27.09	/	/	25.41	/	/	<=30	Pass
		Inner 1RB Left	27.24	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Right	27.54	/	/	25.86	/	/	<=30	Pass
	3537.48	Edge 1RB Left	27.84	/	/	26.16	/	/	<=30	Pass
		Edge 1RB Right	28.42	/	/	26.74	/	/	<=30	Pass
		Outer Full	28.43	/	/	26.75	/	/	<=30	Pass
		Inner Full	28.13	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Left	28.16	/	/	26.48	/	/	<=30	Pass
		Inner 1RB Right	28.46	/	/	26.78	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge 1RB Left	27.35	/	/	25.67	/	/	<=30	Pass
		Edge 1RB Right	27.46	/	/	25.78	/	/	<=30	Pass
		Outer Full	27.54	/	/	25.86	/	/	<=30	Pass
		Inner Full	27.20	/	/	25.52	/	/	<=30	Pass
		Inner 1RB Left	27.64	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Right	27.51	/	/	25.83	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.11	/	/	25.43	/	/	<=30	Pass
		Edge 1RB Right	27.74	/	/	26.06	/	/	<=30	Pass
		Outer Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner Full	27.07	/	/	25.39	/	/	<=30	Pass
		Inner 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Right	27.76	/	/	26.08	/	/	<=30	Pass
	3537.48	Edge 1RB Left	28.03	/	/	26.35	/	/	<=30	Pass
		Edge 1RB Right	28.57	/	/	26.89	/	/	<=30	Pass
		Outer Full	28.45	/	/	26.77	/	/	<=30	Pass
		Inner Full	28.09	/	/	26.41	/	/	<=30	Pass

DFT-s-OFDM 256 QAM		Inner 1RB Left	28.33	/	/	26.65	/	/	<=30	Pass
		Inner 1RB Right	28.63	/	/	26.95	/	/	<=30	Pass
	3462.51	Edge 1RB Left	25.76	/	/	24.08	/	/	<=30	Pass
		Edge 1RB Right	25.86	/	/	24.18	/	/	<=30	Pass
		Outer Full	25.69	/	/	24.01	/	/	<=30	Pass
		Inner Full	25.78	/	/	24.10	/	/	<=30	Pass
		Inner 1RB Left	26.09	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Right	25.93	/	/	24.25	/	/	<=30	Pass
	3500.01	Edge 1RB Left	25.64	/	/	23.96	/	/	<=30	Pass
		Edge 1RB Right	26.23	/	/	24.55	/	/	<=30	Pass
		Outer Full	25.71	/	/	24.03	/	/	<=30	Pass
		Inner Full	25.75	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Left	25.97	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Right	26.26	/	/	24.58	/	/	<=30	Pass
	3537.48	Edge 1RB Left	26.37	/	/	24.69	/	/	<=30	Pass
		Edge 1RB Right	26.98	/	/	25.30	/	/	<=30	Pass
		Outer Full	26.47	/	/	24.79	/	/	<=30	Pass
		Inner Full	26.57	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Left	26.71	/	/	25.03	/	/	<=30	Pass
		Inner 1RB Right	27.03	/	/	25.35	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge 1RB Left	26.92	/	/	25.24	/	/	<=30	Pass
		Edge 1RB Right	27.02	/	/	25.34	/	/	<=30	Pass
		Outer Full	27.33	/	/	25.65	/	/	<=30	Pass
		Inner Full	27.03	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Left	27.22	/	/	25.54	/	/	<=30	Pass
		Inner 1RB Right	27.01	/	/	25.33	/	/	<=30	Pass
	3500.01	Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Right	27.38	/	/	25.70	/	/	<=30	Pass
		Outer Full	27.28	/	/	25.60	/	/	<=30	Pass
		Inner Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Left	27.02	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Right	27.41	/	/	25.73	/	/	<=30	Pass
	3537.48	Edge 1RB Left	27.58	/	/	25.90	/	/	<=30	Pass
		Edge 1RB Right	28.08	/	/	26.40	/	/	<=30	Pass
		Outer Full	28.16	/	/	26.48	/	/	<=30	Pass
		Inner Full	27.88	/	/	26.20	/	/	<=30	Pass
		Inner 1RB Left	27.90	/	/	26.22	/	/	<=30	Pass
		Inner 1RB Right	28.04	/	/	26.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge 1RB Left	26.87	/	/	25.19	/	/	<=30	Pass
		Edge 1RB Right	27.02	/	/	25.34	/	/	<=30	Pass
		Outer Full	27.26	/	/	25.58	/	/	<=30	Pass
		Inner Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Right	27.01	/	/	25.33	/	/	<=30	Pass
	3500.01	Edge 1RB Left	26.67	/	/	24.99	/	/	<=30	Pass
		Edge 1RB Right	27.25	/	/	25.57	/	/	<=30	Pass
		Outer Full	27.29	/	/	25.61	/	/	<=30	Pass
		Inner Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	26.99	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Right	27.24	/	/	25.56	/	/	<=30	Pass
	3537.48	Edge 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
		Edge 1RB Right	28.07	/	/	26.39	/	/	<=30	Pass
		Outer Full	28.14	/	/	26.46	/	/	<=30	Pass
		Inner Full	27.89	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Left	27.81	/	/	26.13	/	/	<=30	Pass
		Inner 1RB Right	28.04	/	/	26.36	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	27.32	/	/	25.64	/	/	<=30	Pass
		Outer Full	26.91	/	/	25.23	/	/	<=30	Pass

	3500.01	Inner_Full	27.06	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	27.48	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	27.32	/	/	25.64	/	/	<=30	Pass
		Edge_1RB_Left	27.00	/	/	25.32	/	/	<=30	Pass
		Edge_1RB_Right	27.58	/	/	25.90	/	/	<=30	Pass
		Outer_Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner_Full	26.98	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	27.32	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	27.57	/	/	25.89	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	27.64	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Right	28.18	/	/	26.50	/	/	<=30	Pass
		Outer_Full	27.73	/	/	26.05	/	/	<=30	Pass
		Inner_Full	27.78	/	/	26.10	/	/	<=30	Pass
		Inner_1RB_Left	27.97	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Right	28.19	/	/	26.51	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Edge_1RB_Left	23.42	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	21.83	/	/	<=30	Pass
		Outer_Full	23.23	/	/	21.55	/	/	<=30	Pass
		Inner_Full	23.44	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	21.90	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.14	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	22.06	/	/	<=30	Pass
		Outer_Full	23.04	/	/	21.36	/	/	<=30	Pass
		Inner_Full	23.21	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	22.09	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	23.66	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	24.30	/	/	22.62	/	/	<=30	Pass
		Outer_Full	23.67	/	/	21.99	/	/	<=30	Pass
		Inner_Full	23.86	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	22.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_30MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3465	Edge 1RB Left	27.85	/	/	26.17	/	/	<=30	Pass
		Edge 1RB Right	27.53	/	/	25.85	/	/	<=30	Pass
		Outer Full	27.13	/	/	25.45	/	/	<=30	Pass
		Inner Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Left	27.71	/	/	26.03	/	/	<=30	Pass
		Inner 1RB Right	27.60	/	/	25.92	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.75	/	/	26.07	/	/	<=30	Pass
		Edge 1RB Right	28.08	/	/	26.40	/	/	<=30	Pass
		Outer Full	27.16	/	/	25.48	/	/	<=30	Pass
		Inner Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	27.62	/	/	25.94	/	/	<=30	Pass
		Inner 1RB Right	28.13	/	/	26.45	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.79	/	/	27.11	/	/	<=30	Pass
		Edge 1RB Right	28.98	/	/	27.30	/	/	<=30	Pass
		Outer Full	28.28	/	/	26.60	/	/	<=30	Pass
		Inner Full	27.96	/	/	26.28	/	/	<=30	Pass
		Inner 1RB Left	28.65	/	/	26.97	/	/	<=30	Pass

		Inner 1RB Right	29.02	/	/	27.34	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge 1RB Left	27.82	/	/	26.14	/	/	<=30	Pass
		Edge 1RB Right	27.56	/	/	25.88	/	/	<=30	Pass
		Outer Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	27.70	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Right	27.62	/	/	25.94	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.75	/	/	26.07	/	/	<=30	Pass
		Edge 1RB Right	28.03	/	/	26.35	/	/	<=30	Pass
		Outer Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	27.63	/	/	25.95	/	/	<=30	Pass
		Inner 1RB Right	28.08	/	/	26.40	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.56	/	/	26.88	/	/	<=30	Pass
		Edge 1RB Right	28.82	/	/	27.14	/	/	<=30	Pass
		Outer Full	28.21	/	/	26.53	/	/	<=30	Pass
		Inner Full	27.94	/	/	26.26	/	/	<=30	Pass
		Inner 1RB Left	28.45	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Right	28.88	/	/	27.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge 1RB Left	27.65	/	/	25.97	/	/	<=30	Pass
		Edge 1RB Right	27.40	/	/	25.72	/	/	<=30	Pass
		Outer Full	27.06	/	/	25.38	/	/	<=30	Pass
		Inner Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Left	27.53	/	/	25.85	/	/	<=30	Pass
		Inner 1RB Right	27.45	/	/	25.77	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.59	/	/	25.91	/	/	<=30	Pass
		Edge 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
		Outer Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	27.47	/	/	25.79	/	/	<=30	Pass
		Inner 1RB Right	27.91	/	/	26.23	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.73	/	/	27.05	/	/	<=30	Pass
		Edge 1RB Right	28.99	/	/	27.31	/	/	<=30	Pass
		Outer Full	28.22	/	/	26.54	/	/	<=30	Pass
		Inner Full	27.92	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Left	28.63	/	/	26.95	/	/	<=30	Pass
		Inner 1RB Right	29.03	/	/	27.35	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge 1RB Left	26.46	/	/	24.78	/	/	<=30	Pass
		Edge 1RB Right	26.07	/	/	24.39	/	/	<=30	Pass
		Outer Full	25.17	/	/	23.49	/	/	<=30	Pass
		Inner Full	25.36	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Left	26.33	/	/	24.65	/	/	<=30	Pass
		Inner 1RB Right	26.21	/	/	24.53	/	/	<=30	Pass
	3500.01	Edge 1RB Left	26.50	/	/	24.82	/	/	<=30	Pass
		Edge 1RB Right	26.67	/	/	24.99	/	/	<=30	Pass
		Outer Full	25.33	/	/	23.65	/	/	<=30	Pass
		Inner Full	25.47	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Left	26.30	/	/	24.62	/	/	<=30	Pass
		Inner 1RB Right	26.73	/	/	25.05	/	/	<=30	Pass
	3534.99	Edge 1RB Left	27.13	/	/	25.45	/	/	<=30	Pass
		Edge 1RB Right	27.42	/	/	25.74	/	/	<=30	Pass
		Outer Full	26.21	/	/	24.53	/	/	<=30	Pass
		Inner Full	26.38	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Left	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Right	27.48	/	/	25.80	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Edge 1RB Right	27.31	/	/	25.63	/	/	<=30	Pass
		Outer Full	26.92	/	/	25.24	/	/	<=30	Pass
		Inner Full	26.63	/	/	24.95	/	/	<=30	Pass

		Inner 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Inner 1RB Right	27.40	/	/	25.72	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Edge 1RB Right	27.89	/	/	26.21	/	/	<=30	Pass
		Outer Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Inner 1RB Right	27.97	/	/	26.29	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.22	/	/	26.54	/	/	<=30	Pass
		Edge 1RB Right	28.47	/	/	26.79	/	/	<=30	Pass
		Outer Full	28.04	/	/	26.36	/	/	<=30	Pass
		Inner Full	27.77	/	/	26.09	/	/	<=30	Pass
		Inner 1RB Left	28.15	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Right	28.56	/	/	26.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge 1RB Left	27.52	/	/	25.84	/	/	<=30	Pass
		Edge 1RB Right	27.34	/	/	25.66	/	/	<=30	Pass
		Outer Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner Full	26.67	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Inner 1RB Right	27.43	/	/	25.75	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Edge 1RB Right	27.83	/	/	26.15	/	/	<=30	Pass
		Outer Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Left	27.43	/	/	25.75	/	/	<=30	Pass
		Inner 1RB Right	27.92	/	/	26.24	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.12	/	/	26.44	/	/	<=30	Pass
		Edge 1RB Right	28.46	/	/	26.78	/	/	<=30	Pass
		Outer Full	28.02	/	/	26.34	/	/	<=30	Pass
		Inner Full	27.74	/	/	26.06	/	/	<=30	Pass
		Inner 1RB Left	28.05	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Right	28.55	/	/	26.87	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge 1RB Left	27.51	/	/	25.83	/	/	<=30	Pass
		Edge 1RB Right	27.34	/	/	25.66	/	/	<=30	Pass
		Outer Full	26.51	/	/	24.83	/	/	<=30	Pass
		Inner Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	27.64	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Right	27.61	/	/	25.93	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Edge 1RB Right	27.83	/	/	26.15	/	/	<=30	Pass
		Outer Full	26.66	/	/	24.98	/	/	<=30	Pass
		Inner Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	27.90	/	/	26.22	/	/	<=30	Pass
	3534.99	Edge 1RB Left	28.37	/	/	26.69	/	/	<=30	Pass
		Edge 1RB Right	28.69	/	/	27.01	/	/	<=30	Pass
		Outer Full	27.60	/	/	25.92	/	/	<=30	Pass
		Inner Full	27.82	/	/	26.14	/	/	<=30	Pass
		Inner 1RB Left	28.31	/	/	26.63	/	/	<=30	Pass
		Inner 1RB Right	28.85	/	/	27.17	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge 1RB Left	24.24	/	/	22.56	/	/	<=30	Pass
		Edge 1RB Right	23.90	/	/	22.22	/	/	<=30	Pass
		Outer Full	23.00	/	/	21.32	/	/	<=30	Pass
		Inner Full	23.12	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Left	24.11	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	22.31	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.97	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Right	24.21	/	/	22.53	/	/	<=30	Pass
		Outer Full	22.84	/	/	21.16	/	/	<=30	Pass

		Inner_Full	22.94	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	22.60	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	24.52	/	/	22.84	/	/	<=30	Pass
		Edge_1RB_Right	24.84	/	/	23.16	/	/	<=30	Pass
		Outer_Full	23.57	/	/	21.89	/	/	<=30	Pass
		Inner_Full	23.70	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	24.41	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	23.24	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.13 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 QPSK	3470.01	Edge 1RB Left	28.27	/	/	26.59	/	/	<=30	Pass
		Edge 1RB Right	27.81	/	/	26.13	/	/	<=30	Pass
		Outer Full	27.21	/	/	25.53	/	/	<=30	Pass
		Inner Full	26.77	/	/	25.09	/	/	<=30	Pass
		Inner 1RB Left	28.17	/	/	26.49	/	/	<=30	Pass
		Inner 1RB Right	27.98	/	/	26.30	/	/	<=30	Pass
	3500.01	Edge 1RB Left	28.42	/	/	26.74	/	/	<=30	Pass
		Edge 1RB Right	28.70	/	/	27.02	/	/	<=30	Pass
		Outer Full	27.52	/	/	25.84	/	/	<=30	Pass
		Inner Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Left	28.29	/	/	26.61	/	/	<=30	Pass
		Inner 1RB Right	28.79	/	/	27.11	/	/	<=30	Pass
	3529.98	Edge 1RB Left	29.09	/	/	27.41	/	/	<=30	Pass
		Edge 1RB Right	29.35	/	/	27.67	/	/	<=30	Pass
		Outer Full	28.41	/	/	26.73	/	/	<=30	Pass
		Inner Full	27.96	/	/	26.28	/	/	<=30	Pass
		Inner 1RB Left	28.98	/	/	27.30	/	/	<=30	Pass
		Inner 1RB Right	29.43	/	/	27.75	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge 1RB Left	28.28	/	/	26.60	/	/	<=30	Pass
		Edge 1RB Right	27.83	/	/	26.15	/	/	<=30	Pass
		Outer Full	27.16	/	/	25.48	/	/	<=30	Pass
		Inner Full	26.76	/	/	25.08	/	/	<=30	Pass
		Inner 1RB Left	28.17	/	/	26.49	/	/	<=30	Pass
		Inner 1RB Right	27.93	/	/	26.25	/	/	<=30	Pass
	3500.01	Edge 1RB Left	28.38	/	/	26.70	/	/	<=30	Pass
		Edge 1RB Right	28.61	/	/	26.93	/	/	<=30	Pass
		Outer Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	28.28	/	/	26.60	/	/	<=30	Pass
		Inner 1RB Right	28.70	/	/	27.02	/	/	<=30	Pass
	3529.98	Edge 1RB Left	28.93	/	/	27.25	/	/	<=30	Pass
		Edge 1RB Right	29.25	/	/	27.57	/	/	<=30	Pass
		Outer Full	28.36	/	/	26.68	/	/	<=30	Pass
		Inner Full	27.89	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Left	28.84	/	/	27.16	/	/	<=30	Pass
		Inner 1RB Right	29.35	/	/	27.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge 1RB Left	28.28	/	/	26.60	/	/	<=30	Pass
		Edge 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
		Outer Full	27.17	/	/	25.49	/	/	<=30	Pass
		Inner Full	26.76	/	/	25.08	/	/	<=30	Pass
		Inner 1RB Left	28.20	/	/	26.52	/	/	<=30	Pass

	3500.01	Inner_1RB_Right	27.97	/	/	26.29	/	/	<=30	Pass
		Edge_1RB_Left	28.39	/	/	26.71	/	/	<=30	Pass
		Edge_1RB_Right	28.65	/	/	26.97	/	/	<=30	Pass
		Outer_Full	27.46	/	/	25.78	/	/	<=30	Pass
		Inner_Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	28.32	/	/	26.64	/	/	<=30	Pass
		Inner_1RB_Right	28.73	/	/	27.05	/	/	<=30	Pass
		Edge_1RB_Left	28.91	/	/	27.23	/	/	<=30	Pass
		Edge_1RB_Right	29.28	/	/	27.60	/	/	<=30	Pass
		Outer_Full	28.30	/	/	26.62	/	/	<=30	Pass
		Inner_Full	27.87	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Left	28.85	/	/	27.17	/	/	<=30	Pass
	Inner_1RB_Right	29.36	/	/	27.68	/	/	<=30	Pass	
	3529.98	Edge_1RB_Left	26.93	/	/	25.25	/	/	<=30	Pass
Edge_1RB_Right		26.40	/	/	24.72	/	/	<=30	Pass	
Outer_Full		25.31	/	/	23.63	/	/	<=30	Pass	
Inner_Full		25.34	/	/	23.66	/	/	<=30	Pass	
Inner_1RB_Left		26.83	/	/	25.15	/	/	<=30	Pass	
Inner_1RB_Right		26.51	/	/	24.83	/	/	<=30	Pass	
Edge_1RB_Left		27.13	/	/	25.45	/	/	<=30	Pass	
Edge_1RB_Right		27.34	/	/	25.66	/	/	<=30	Pass	
Outer_Full		25.73	/	/	24.05	/	/	<=30	Pass	
Inner_Full		25.64	/	/	23.96	/	/	<=30	Pass	
Inner_1RB_Left		27.04	/	/	25.36	/	/	<=30	Pass	
Inner_1RB_Right		27.44	/	/	25.76	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	27.48	/	/	25.80	/	/	<=30	Pass
		Edge_1RB_Right	27.86	/	/	26.18	/	/	<=30	Pass
		Outer_Full	26.35	/	/	24.67	/	/	<=30	Pass
		Inner_Full	26.36	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	27.39	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	27.95	/	/	26.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	27.90	/	/	26.22	/	/	<=30	Pass
		Edge_1RB_Right	27.52	/	/	25.84	/	/	<=30	Pass
		Outer_Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner_Full	26.64	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	27.85	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Right	27.65	/	/	25.97	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	27.99	/	/	26.31	/	/	<=30	Pass
		Edge_1RB_Right	28.28	/	/	26.60	/	/	<=30	Pass
Outer_Full		27.45	/	/	25.77	/	/	<=30	Pass	
Inner_Full		26.92	/	/	25.24	/	/	<=30	Pass	
Inner_1RB_Left		27.90	/	/	26.22	/	/	<=30	Pass	
Inner_1RB_Right		28.41	/	/	26.73	/	/	<=30	Pass	
CP-OFDM QPSK	3470.01	Edge_1RB_Left	28.48	/	/	26.80	/	/	<=30	Pass
		Edge_1RB_Right	28.75	/	/	27.07	/	/	<=30	Pass
		Outer_Full	28.18	/	/	26.50	/	/	<=30	Pass
		Inner_Full	27.74	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	28.44	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Right	28.88	/	/	27.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	28.00	/	/	26.32	/	/	<=30	Pass
		Edge_1RB_Right	27.61	/	/	25.93	/	/	<=30	Pass
		Outer_Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner_Full	26.68	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	27.95	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Right	27.74	/	/	26.06	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	28.05	/	/	26.37	/	/	<=30	Pass
		Edge_1RB_Right	28.31	/	/	26.63	/	/	<=30	Pass
Outer_Full		27.47	/	/	25.79	/	/	<=30	Pass	
Inner_Full		26.88	/	/	25.20	/	/	<=30	Pass	
Inner_1RB_Left		27.95	/	/	26.27	/	/	<=30	Pass	
Inner_1RB_Right		27.74	/	/	26.06	/	/	<=30	Pass	

		Inner 1RB Left	28.01	/	/	26.33	/	/	<=30	Pass	
		Inner 1RB Right	28.44	/	/	26.76	/	/	<=30	Pass	
	3529.98	Edge 1RB Left	28.51	/	/	26.83	/	/	<=30	Pass	
		Edge_1RB_Right	28.89	/	/	27.21	/	/	<=30	Pass	
		Outer Full	28.18	/	/	26.50	/	/	<=30	Pass	
		Inner Full	27.72	/	/	26.04	/	/	<=30	Pass	
		Inner 1RB Left	28.48	/	/	26.80	/	/	<=30	Pass	
		Inner 1RB Right	29.02	/	/	27.34	/	/	<=30	Pass	
CP-OFDM 64 QAM	3470.01	Edge 1RB Left	28.11	/	/	26.43	/	/	<=30	Pass	
		Edge 1RB Right	27.71	/	/	26.03	/	/	<=30	Pass	
		Outer Full	26.70	/	/	25.02	/	/	<=30	Pass	
		Inner Full	26.68	/	/	25.00	/	/	<=30	Pass	
		Inner 1RB Left	28.05	/	/	26.37	/	/	<=30	Pass	
		Inner 1RB Right	27.85	/	/	26.17	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	28.11	/	/	26.43	/	/	<=30	Pass	
		Edge 1RB Right	28.43	/	/	26.75	/	/	<=30	Pass	
		Outer Full	27.00	/	/	25.32	/	/	<=30	Pass	
		Inner Full	26.97	/	/	25.29	/	/	<=30	Pass	
		Inner 1RB Left	28.13	/	/	26.45	/	/	<=30	Pass	
		Inner 1RB Right	28.53	/	/	26.85	/	/	<=30	Pass	
	3529.98	Edge 1RB Left	28.55	/	/	26.87	/	/	<=30	Pass	
		Edge 1RB Right	28.93	/	/	27.25	/	/	<=30	Pass	
		Outer Full	27.75	/	/	26.07	/	/	<=30	Pass	
		Inner Full	27.75	/	/	26.07	/	/	<=30	Pass	
		Inner 1RB Left	28.54	/	/	26.86	/	/	<=30	Pass	
		Inner 1RB Right	29.12	/	/	27.44	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3470.01	Edge 1RB Left	24.76	/	/	23.08	/	/	<=30	Pass
			Edge 1RB Right	24.18	/	/	22.50	/	/	<=30	Pass
Outer Full			23.06	/	/	21.38	/	/	<=30	Pass	
Inner Full			23.03	/	/	21.35	/	/	<=30	Pass	
Inner 1RB Left			24.67	/	/	22.99	/	/	<=30	Pass	
Inner 1RB Right			24.29	/	/	22.61	/	/	<=30	Pass	
3500.01		Edge 1RB Left	24.72	/	/	23.04	/	/	<=30	Pass	
		Edge 1RB Right	24.87	/	/	23.19	/	/	<=30	Pass	
		Outer Full	23.30	/	/	21.62	/	/	<=30	Pass	
		Inner Full	23.09	/	/	21.41	/	/	<=30	Pass	
		Inner 1RB Left	24.61	/	/	22.93	/	/	<=30	Pass	
		Inner 1RB Right	24.97	/	/	23.29	/	/	<=30	Pass	
3529.98		Edge 1RB Left	24.97	/	/	23.29	/	/	<=30	Pass	
		Edge 1RB Right	25.35	/	/	23.67	/	/	<=30	Pass	
		Outer Full	23.81	/	/	22.13	/	/	<=30	Pass	
		Inner Full	23.72	/	/	22.04	/	/	<=30	Pass	
	Inner 1RB Left	24.88	/	/	23.20	/	/	<=30	Pass		
		Inner 1RB Right	25.46	/	/	23.78	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.14 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 QPSK	3475.02	Edge 1RB Left	27.82	/	/	26.14	/	/	<=30	Pass
		Edge 1RB Right	27.68	/	/	26.00	/	/	<=30	Pass
		Outer Full	27.66	/	/	25.98	/	/	<=30	Pass
		Inner Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Left	27.85	/	/	26.17	/	/	<=30	Pass
		Inner 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	27.64	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Right	28.14	/	/	26.46	/	/	<=30	Pass
		Outer_Full	27.68	/	/	26.00	/	/	<=30	Pass
		Inner_Full	27.04	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Left	27.56	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Right	28.31	/	/	26.63	/	/	<=30	Pass
	3525	Edge_1RB_Left	27.97	/	/	26.29	/	/	<=30	Pass
		Edge_1RB_Right	28.74	/	/	27.06	/	/	<=30	Pass
		Outer_Full	28.40	/	/	26.72	/	/	<=30	Pass
		Inner_Full	27.90	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Left	27.99	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Right	28.92	/	/	27.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	27.70	/	/	26.02	/	/	<=30	Pass
		Edge_1RB_Right	27.55	/	/	25.87	/	/	<=30	Pass
		Outer_Full	27.60	/	/	25.92	/	/	<=30	Pass
		Inner_Full	27.09	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Left	27.72	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	27.73	/	/	26.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	27.45	/	/	25.77	/	/	<=30	Pass
		Edge_1RB_Right	27.98	/	/	26.30	/	/	<=30	Pass
		Outer_Full	27.63	/	/	25.95	/	/	<=30	Pass
		Inner_Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	27.48	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	28.16	/	/	26.48	/	/	<=30	Pass
	3525	Edge_1RB_Left	27.81	/	/	26.13	/	/	<=30	Pass
		Edge_1RB_Right	28.63	/	/	26.95	/	/	<=30	Pass
		Outer_Full	28.35	/	/	26.67	/	/	<=30	Pass
		Inner_Full	27.84	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Left	27.85	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Right	28.80	/	/	27.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	27.88	/	/	26.20	/	/	<=30	Pass
		Edge_1RB_Right	27.76	/	/	26.08	/	/	<=30	Pass
		Outer_Full	27.60	/	/	25.92	/	/	<=30	Pass
		Inner_Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	27.92	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	27.93	/	/	26.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	27.64	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Right	28.16	/	/	26.48	/	/	<=30	Pass
		Outer_Full	27.59	/	/	25.91	/	/	<=30	Pass
		Inner_Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	27.66	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Right	28.32	/	/	26.64	/	/	<=30	Pass
	3525	Edge_1RB_Left	27.99	/	/	26.31	/	/	<=30	Pass
		Edge_1RB_Right	28.80	/	/	27.12	/	/	<=30	Pass
		Outer_Full	28.30	/	/	26.62	/	/	<=30	Pass
		Inner_Full	27.86	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Left	28.04	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Right	28.97	/	/	27.29	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	26.44	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	26.23	/	/	24.55	/	/	<=30	Pass
		Outer_Full	25.81	/	/	24.13	/	/	<=30	Pass
		Inner_Full	25.76	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	26.47	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	24.73	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	26.22	/	/	24.54	/	/	<=30	Pass
		Edge_1RB_Right	26.71	/	/	25.03	/	/	<=30	Pass
		Outer_Full	25.83	/	/	24.15	/	/	<=30	Pass
		Inner_Full	25.68	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	24.57	/	/	<=30	Pass

	3525	Inner 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
		Edge 1RB Left	26.39	/	/	24.71	/	/	<=30	Pass
		Edge 1RB Right	27.25	/	/	25.57	/	/	<=30	Pass
		Outer Full	26.39	/	/	24.71	/	/	<=30	Pass
		Inner Full	26.36	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Left	26.43	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	27.44	/	/	25.76	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Edge 1RB Right	27.33	/	/	25.65	/	/	<=30	Pass
		Outer Full	27.48	/	/	25.80	/	/	<=30	Pass
		Inner Full	26.93	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Inner 1RB Right	27.55	/	/	25.87	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.15	/	/	25.47	/	/	<=30	Pass
		Edge 1RB Right	27.69	/	/	26.01	/	/	<=30	Pass
		Outer Full	27.46	/	/	25.78	/	/	<=30	Pass
		Inner Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	27.17	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Right	27.91	/	/	26.23	/	/	<=30	Pass
	3525	Edge 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Edge 1RB Right	28.25	/	/	26.57	/	/	<=30	Pass
		Outer Full	28.16	/	/	26.48	/	/	<=30	Pass
		Inner Full	27.73	/	/	26.05	/	/	<=30	Pass
		Inner 1RB Left	27.61	/	/	25.93	/	/	<=30	Pass
		Inner 1RB Right	28.48	/	/	26.80	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Edge 1RB Right	27.26	/	/	25.58	/	/	<=30	Pass
		Outer Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Right	27.47	/	/	25.79	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.08	/	/	25.40	/	/	<=30	Pass
		Edge 1RB Right	27.59	/	/	25.91	/	/	<=30	Pass
		Outer Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner Full	26.83	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	27.14	/	/	25.46	/	/	<=30	Pass
		Inner 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass
	3525	Edge 1RB Left	27.47	/	/	25.79	/	/	<=30	Pass
		Edge 1RB Right	28.25	/	/	26.57	/	/	<=30	Pass
		Outer Full	28.17	/	/	26.49	/	/	<=30	Pass
		Inner Full	27.69	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Left	27.54	/	/	25.86	/	/	<=30	Pass
		Inner 1RB Right	28.49	/	/	26.81	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge 1RB Left	27.69	/	/	26.01	/	/	<=30	Pass
		Edge 1RB Right	27.56	/	/	25.88	/	/	<=30	Pass
		Outer Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner Full	27.13	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Left	27.95	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Right	27.93	/	/	26.25	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Edge 1RB Right	27.95	/	/	26.27	/	/	<=30	Pass
		Outer Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Inner 1RB Right	28.10	/	/	26.42	/	/	<=30	Pass
	3525	Edge 1RB Left	27.76	/	/	26.08	/	/	<=30	Pass
		Edge 1RB Right	28.50	/	/	26.82	/	/	<=30	Pass
		Outer Full	27.74	/	/	26.06	/	/	<=30	Pass
		Inner Full	27.71	/	/	26.03	/	/	<=30	Pass

		Inner 1RB Left	27.84	/	/	26.16	/	/	<=30	Pass
		Inner 1RB Right	28.72	/	/	27.04	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge 1RB Left	24.19	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	23.87	/	/	22.19	/	/	<=30	Pass
		Outer Full	23.47	/	/	21.79	/	/	<=30	Pass
		Inner_Full	23.34	/	/	21.66	/	/	<=30	Pass
		Inner 1RB Left	24.21	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Right	24.07	/	/	22.39	/	/	<=30	Pass
		Edge 1RB Left	23.69	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	24.14	/	/	22.46	/	/	<=30	Pass
	3500.01	Outer_Full	23.23	/	/	21.55	/	/	<=30	Pass
		Inner_Full	23.05	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Right	24.34	/	/	22.66	/	/	<=30	Pass
		Edge 1RB Left	23.86	/	/	22.18	/	/	<=30	Pass
		Edge 1RB Right	24.70	/	/	23.02	/	/	<=30	Pass
	3525	Outer_Full	23.76	/	/	22.08	/	/	<=30	Pass
		Inner_Full	23.73	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Left	23.90	/	/	22.22	/	/	<=30	Pass
		Inner 1RB Right	24.93	/	/	23.25	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.15 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 QPSK	3480	Edge 1RB Left	27.68	/	/	26.00	/	/	<=30	Pass
		Edge 1RB Right	27.27	/	/	25.59	/	/	<=30	Pass
		Outer Full	27.17	/	/	25.49	/	/	<=30	Pass
		Inner Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Left	27.51	/	/	25.83	/	/	<=30	Pass
		Inner 1RB Right	27.36	/	/	25.68	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.58	/	/	25.90	/	/	<=30	Pass
		Edge 1RB Right	27.75	/	/	26.07	/	/	<=30	Pass
		Outer Full	27.31	/	/	25.63	/	/	<=30	Pass
		Inner Full	27.08	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Left	27.41	/	/	25.73	/	/	<=30	Pass
		Inner 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass
	3519.99	Edge 1RB Left	27.63	/	/	25.95	/	/	<=30	Pass
		Edge 1RB Right	28.22	/	/	26.54	/	/	<=30	Pass
		Outer Full	27.83	/	/	26.15	/	/	<=30	Pass
		Inner Full	27.73	/	/	26.05	/	/	<=30	Pass
		Inner 1RB Left	27.56	/	/	25.88	/	/	<=30	Pass
		Inner 1RB Right	28.26	/	/	26.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass
		Edge 1RB Right	27.18	/	/	25.50	/	/	<=30	Pass
		Outer Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner Full	26.94	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	27.22	/	/	25.54	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Edge 1RB Right	27.65	/	/	25.97	/	/	<=30	Pass
		Outer Full	27.29	/	/	25.61	/	/	<=30	Pass
		Inner Full	27.02	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Left	27.38	/	/	25.70	/	/	<=30	Pass
		Inner 1RB Right	27.70	/	/	26.02	/	/	<=30	Pass

	3519.99	Edge 1RB Left	27.63	/	/	25.95	/	/	<=30	Pass
		Edge 1RB Right	28.24	/	/	26.56	/	/	<=30	Pass
		Outer Full	27.81	/	/	26.13	/	/	<=30	Pass
		Inner Full	27.66	/	/	25.98	/	/	<=30	Pass
		Inner 1RB Left	27.63	/	/	25.95	/	/	<=30	Pass
		Inner 1RB Right	28.35	/	/	26.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge 1RB Left	27.67	/	/	25.99	/	/	<=30	Pass
		Edge 1RB Right	27.47	/	/	25.79	/	/	<=30	Pass
		Outer Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Left	27.65	/	/	25.97	/	/	<=30	Pass
		Inner 1RB Right	27.41	/	/	25.73	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.57	/	/	25.89	/	/	<=30	Pass
		Edge 1RB Right	27.81	/	/	26.13	/	/	<=30	Pass
		Outer Full	27.24	/	/	25.56	/	/	<=30	Pass
		Inner Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Right	27.84	/	/	26.16	/	/	<=30	Pass
	3519.99	Edge 1RB Left	27.74	/	/	26.06	/	/	<=30	Pass
		Edge 1RB Right	28.08	/	/	26.40	/	/	<=30	Pass
		Outer Full	27.78	/	/	26.10	/	/	<=30	Pass
		Inner Full	27.68	/	/	26.00	/	/	<=30	Pass
		Inner 1RB Left	27.69	/	/	26.01	/	/	<=30	Pass
		Inner 1RB Right	28.18	/	/	26.50	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge 1RB Left	26.25	/	/	24.57	/	/	<=30	Pass
		Edge 1RB Right	25.84	/	/	24.16	/	/	<=30	Pass
		Outer Full	25.27	/	/	23.59	/	/	<=30	Pass
		Inner Full	25.56	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Left	26.14	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Right	25.82	/	/	24.14	/	/	<=30	Pass
	3500.01	Edge 1RB Left	26.15	/	/	24.47	/	/	<=30	Pass
		Edge 1RB Right	26.36	/	/	24.68	/	/	<=30	Pass
		Outer Full	25.46	/	/	23.78	/	/	<=30	Pass
		Inner Full	25.69	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Left	26.18	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Right	26.36	/	/	24.68	/	/	<=30	Pass
	3519.99	Edge 1RB Left	26.15	/	/	24.47	/	/	<=30	Pass
		Edge 1RB Right	26.77	/	/	25.09	/	/	<=30	Pass
		Outer Full	25.91	/	/	24.23	/	/	<=30	Pass
		Inner Full	26.25	/	/	24.57	/	/	<=30	Pass
		Inner 1RB Left	26.14	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Right	26.82	/	/	25.14	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge 1RB Left	27.26	/	/	25.58	/	/	<=30	Pass
		Edge 1RB Right	26.99	/	/	25.31	/	/	<=30	Pass
		Outer Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner Full	26.78	/	/	25.10	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Right	27.09	/	/	25.41	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge 1RB Right	27.39	/	/	25.71	/	/	<=30	Pass
		Outer Full	27.08	/	/	25.40	/	/	<=30	Pass
		Inner Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	27.13	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Right	27.46	/	/	25.78	/	/	<=30	Pass
	3519.99	Edge 1RB Left	27.37	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Right	27.85	/	/	26.17	/	/	<=30	Pass
		Outer Full	27.63	/	/	25.95	/	/	<=30	Pass
		Inner Full	27.54	/	/	25.86	/	/	<=30	Pass
		Inner 1RB Left	27.34	/	/	25.66	/	/	<=30	Pass

CP-OFDM 16 QAM	3480	Inner 1RB Right	27.93	/	/	26.25	/	/	<=30	Pass
		Edge 1RB Left	27.21	/	/	25.53	/	/	<=30	Pass
		Edge 1RB Right	26.89	/	/	25.21	/	/	<=30	Pass
		Outer Full	26.96	/	/	25.28	/	/	<=30	Pass
		Inner Full	26.79	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
	3500.01	Inner 1RB Right	26.98	/	/	25.30	/	/	<=30	Pass
		Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	27.27	/	/	25.59	/	/	<=30	Pass
		Outer Full	27.07	/	/	25.39	/	/	<=30	Pass
		Inner Full	26.83	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	27.16	/	/	25.48	/	/	<=30	Pass
	3519.99	Inner 1RB Right	27.37	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Left	27.35	/	/	25.67	/	/	<=30	Pass
		Edge 1RB Right	27.97	/	/	26.29	/	/	<=30	Pass
		Outer Full	27.64	/	/	25.96	/	/	<=30	Pass
		Inner Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Left	27.34	/	/	25.66	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Inner 1RB Right	27.93	/	/	26.25	/	/	<=30	Pass
		Edge 1RB Left	27.51	/	/	25.83	/	/	<=30	Pass
		Edge 1RB Right	27.21	/	/	25.53	/	/	<=30	Pass
		Outer Full	26.54	/	/	24.86	/	/	<=30	Pass
		Inner Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Left	27.43	/	/	25.75	/	/	<=30	Pass
	3500.01	Inner 1RB Right	27.37	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Left	27.19	/	/	25.51	/	/	<=30	Pass
		Edge 1RB Right	14.82	/	/	13.14	/	/	<=30	Pass
		Outer Full	26.62	/	/	24.94	/	/	<=30	Pass
		Inner Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	27.32	/	/	25.64	/	/	<=30	Pass
	3519.99	Inner 1RB Right	27.76	/	/	26.08	/	/	<=30	Pass
		Edge 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Edge 1RB Right	28.15	/	/	26.47	/	/	<=30	Pass
		Outer Full	27.21	/	/	25.53	/	/	<=30	Pass
		Inner Full	27.52	/	/	25.84	/	/	<=30	Pass
		Inner 1RB Left	27.32	/	/	25.64	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Inner 1RB Right	28.08	/	/	26.40	/	/	<=30	Pass
		Edge 1RB Left	23.81	/	/	22.13	/	/	<=30	Pass
		Edge 1RB Right	23.26	/	/	21.58	/	/	<=30	Pass
		Outer Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner Full	22.99	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Left	23.70	/	/	22.02	/	/	<=30	Pass
	3500.01	Inner 1RB Right	23.39	/	/	21.71	/	/	<=30	Pass
		Edge 1RB Left	23.70	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	23.81	/	/	22.13	/	/	<=30	Pass
		Outer Full	22.89	/	/	21.21	/	/	<=30	Pass
		Inner Full	23.10	/	/	21.42	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	21.95	/	/	<=30	Pass
	3519.99	Inner 1RB Right	23.94	/	/	22.26	/	/	<=30	Pass
		Edge 1RB Left	23.53	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	24.14	/	/	22.46	/	/	<=30	Pass
		Outer Full	23.16	/	/	21.48	/	/	<=30	Pass
		Inner Full	23.52	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	21.80	/	/	<=30	Pass
		Inner 1RB Right	24.22	/	/	22.54	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.16 30k_SISO_70MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 70MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	25.08	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	24.79	/	/	23.11	/	/	<=30	Pass
		Outer_Full	27.17	/	/	25.49	/	/	<=30	Pass
		Inner_Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	24.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	24.91	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	24.84	/	/	23.16	/	/	<=30	Pass
		Outer_Full	27.28	/	/	25.60	/	/	<=30	Pass
		Inner_Full	26.93	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	24.26	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	25.04	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	25.22	/	/	23.54	/	/	<=30	Pass
		Outer_Full	27.64	/	/	25.96	/	/	<=30	Pass
		Inner_Full	27.47	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	24.57	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	25.10	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	24.71	/	/	23.03	/	/	<=30	Pass
		Outer_Full	27.15	/	/	25.47	/	/	<=30	Pass
		Inner_Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	22.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	24.86	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Right	24.91	/	/	23.23	/	/	<=30	Pass
		Outer_Full	27.21	/	/	25.53	/	/	<=30	Pass
		Inner_Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	23.24	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	24.99	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	25.31	/	/	23.63	/	/	<=30	Pass
		Outer_Full	27.64	/	/	25.96	/	/	<=30	Pass
		Inner_Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	23.44	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	25.02	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	24.71	/	/	23.03	/	/	<=30	Pass
		Outer_Full	27.11	/	/	25.43	/	/	<=30	Pass
		Inner_Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	22.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	24.82	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	24.77	/	/	23.09	/	/	<=30	Pass
		Outer_Full	27.16	/	/	25.48	/	/	<=30	Pass
		Inner_Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	22.20	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	24.97	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	25.24	/	/	23.56	/	/	<=30	Pass
		Outer_Full	27.60	/	/	25.92	/	/	<=30	Pass
		Inner_Full	27.43	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	24.37	/	/	22.69	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3485.01	Edge 1RB Left	22.68	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	20.69	/	/	<=30	Pass
		Outer Full	25.28	/	/	23.60	/	/	<=30	Pass
		Inner Full	25.46	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Left	21.70	/	/	20.02	/	/	<=30	Pass
		Inner 1RB Right	21.44	/	/	19.76	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.62	/	/	20.94	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	21.02	/	/	<=30	Pass
		Outer Full	25.38	/	/	23.70	/	/	<=30	Pass
		Inner Full	25.55	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Left	21.70	/	/	20.02	/	/	<=30	Pass
		Inner 1RB Right	21.73	/	/	20.05	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.57	/	/	20.89	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
		Outer Full	25.73	/	/	24.05	/	/	<=30	Pass
		Inner Full	25.96	/	/	24.28	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Right	22.00	/	/	20.32	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge 1RB Left	24.84	/	/	23.16	/	/	<=30	Pass
		Edge 1RB Right	24.62	/	/	22.94	/	/	<=30	Pass
		Outer Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner Full	26.73	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Left	24.25	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Right	24.12	/	/	22.44	/	/	<=30	Pass
	3500.01	Edge 1RB Left	24.67	/	/	22.99	/	/	<=30	Pass
		Edge 1RB Right	24.72	/	/	23.04	/	/	<=30	Pass
		Outer Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner Full	26.84	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Left	24.14	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Right	24.33	/	/	22.65	/	/	<=30	Pass
	3514.98	Edge 1RB Left	24.80	/	/	23.12	/	/	<=30	Pass
		Edge 1RB Right	25.15	/	/	23.47	/	/	<=30	Pass
		Outer Full	27.58	/	/	25.90	/	/	<=30	Pass
		Inner Full	27.39	/	/	25.71	/	/	<=30	Pass
		Inner 1RB Left	24.17	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	22.91	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge 1RB Left	24.79	/	/	23.11	/	/	<=30	Pass
		Edge 1RB Right	24.53	/	/	22.85	/	/	<=30	Pass
		Outer Full	27.03	/	/	25.35	/	/	<=30	Pass
		Inner Full	26.75	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Left	23.89	/	/	22.21	/	/	<=30	Pass
		Inner 1RB Right	23.68	/	/	22.00	/	/	<=30	Pass
	3500.01	Edge 1RB Left	24.64	/	/	22.96	/	/	<=30	Pass
		Edge 1RB Right	24.68	/	/	23.00	/	/	<=30	Pass
		Outer Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner Full	26.82	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Left	23.67	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Right	23.91	/	/	22.23	/	/	<=30	Pass
	3514.98	Edge 1RB Left	24.77	/	/	23.09	/	/	<=30	Pass
		Edge 1RB Right	25.09	/	/	23.41	/	/	<=30	Pass
		Outer Full	27.56	/	/	25.88	/	/	<=30	Pass
		Inner Full	27.34	/	/	25.66	/	/	<=30	Pass
		Inner 1RB Left	23.90	/	/	22.22	/	/	<=30	Pass
		Inner 1RB Right	24.33	/	/	22.65	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge 1RB Left	24.71	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Right	24.31	/	/	22.63	/	/	<=30	Pass
		Outer Full	26.64	/	/	24.96	/	/	<=30	Pass
		Inner Full	26.74	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Left	23.67	/	/	21.99	/	/	<=30	Pass

	3500.01	Inner 1RB Right	23.44	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Left	24.45	/	/	22.77	/	/	<=30	Pass
		Edge 1RB Right	24.49	/	/	22.81	/	/	<=30	Pass
		Outer_Full	26.69	/	/	25.01	/	/	<=30	Pass
		Inner_Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Right	23.64	/	/	21.96	/	/	<=30	Pass
	3514.98	Edge 1RB Left	24.62	/	/	22.94	/	/	<=30	Pass
		Edge 1RB Right	24.96	/	/	23.28	/	/	<=30	Pass
		Outer_Full	27.09	/	/	25.41	/	/	<=30	Pass
		Inner_Full	27.34	/	/	25.66	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	21.89	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Inner 1RB Right	24.11	/	/	22.43	/	/	<=30	Pass
		Edge 1RB Left	20.97	/	/	19.29	/	/	<=30	Pass
		Edge 1RB Right	20.61	/	/	18.93	/	/	<=30	Pass
		Outer_Full	22.81	/	/	21.13	/	/	<=30	Pass
		Inner_Full	22.92	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Left	19.94	/	/	18.26	/	/	<=30	Pass
	3500.01	Inner 1RB Right	19.71	/	/	18.03	/	/	<=30	Pass
		Edge 1RB Left	20.90	/	/	19.22	/	/	<=30	Pass
		Edge 1RB Right	20.88	/	/	19.20	/	/	<=30	Pass
		Outer_Full	22.91	/	/	21.23	/	/	<=30	Pass
		Inner_Full	23.07	/	/	21.39	/	/	<=30	Pass
		Inner 1RB Left	19.87	/	/	18.19	/	/	<=30	Pass
	3514.98	Inner 1RB Right	20.00	/	/	18.32	/	/	<=30	Pass
		Edge 1RB Left	20.76	/	/	19.08	/	/	<=30	Pass
		Edge 1RB Right	21.07	/	/	19.39	/	/	<=30	Pass
		Outer_Full	23.14	/	/	21.46	/	/	<=30	Pass
		Inner_Full	23.41	/	/	21.73	/	/	<=30	Pass
		Inner 1RB Left	19.72	/	/	18.04	/	/	<=30	Pass
		Inner 1RB Right	20.25	/	/	18.57	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.17 30k_SISO_80MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	27.97	/	/	26.29	/	/	<=30	Pass
		Edge 1RB Right	28.06	/	/	26.38	/	/	<=30	Pass
		Outer Full	27.56	/	/	25.88	/	/	<=30	Pass
		Inner Full	27.19	/	/	25.51	/	/	<=30	Pass
		Inner 1RB Left	27.89	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Right	28.11	/	/	26.43	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.85	/	/	26.17	/	/	<=30	Pass
		Edge 1RB Right	28.01	/	/	26.33	/	/	<=30	Pass
		Outer Full	27.47	/	/	25.79	/	/	<=30	Pass
		Inner Full	27.15	/	/	25.47	/	/	<=30	Pass
		Inner 1RB Left	27.81	/	/	26.13	/	/	<=30	Pass
		Inner 1RB Right	28.09	/	/	26.41	/	/	<=30	Pass
	3510	Edge 1RB Left	27.85	/	/	26.17	/	/	<=30	Pass
		Edge 1RB Right	28.32	/	/	26.64	/	/	<=30	Pass
		Outer Full	27.80	/	/	26.12	/	/	<=30	Pass
		Inner Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Left	27.77	/	/	26.09	/	/	<=30	Pass
		Inner 1RB Right	28.43	/	/	26.75	/	/	<=30	Pass
DFT-s-OFDM 16	3490.02	Edge 1RB Left	27.96	/	/	26.28	/	/	<=30	Pass

QAM		Edge 1RB Right	28.06	/	/	26.38	/	/	<=30	Pass
		Outer Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner Full	27.16	/	/	25.48	/	/	<=30	Pass
		Inner 1RB Left	27.85	/	/	26.17	/	/	<=30	Pass
		Inner 1RB Right	28.05	/	/	26.37	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.83	/	/	26.15	/	/	<=30	Pass
		Edge 1RB Right	28.04	/	/	26.36	/	/	<=30	Pass
		Outer Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner Full	27.12	/	/	25.44	/	/	<=30	Pass
		Inner 1RB Left	27.77	/	/	26.09	/	/	<=30	Pass
	3510	Inner 1RB Right	28.10	/	/	26.42	/	/	<=30	Pass
		Edge 1RB Left	27.86	/	/	26.18	/	/	<=30	Pass
		Edge 1RB Right	28.35	/	/	26.67	/	/	<=30	Pass
		Outer Full	27.72	/	/	26.04	/	/	<=30	Pass
		Inner Full	27.47	/	/	25.79	/	/	<=30	Pass
DFT-s-OFDM 64 QAM		Inner 1RB Left	27.86	/	/	26.18	/	/	<=30	Pass
		Inner 1RB Right	28.35	/	/	26.67	/	/	<=30	Pass
	3490.02	Edge 1RB Left	27.90	/	/	26.22	/	/	<=30	Pass
		Edge 1RB Right	28.03	/	/	26.35	/	/	<=30	Pass
		Outer Full	27.47	/	/	25.79	/	/	<=30	Pass
		Inner Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner 1RB Left	27.85	/	/	26.17	/	/	<=30	Pass
	3500.01	Inner 1RB Right	28.07	/	/	26.39	/	/	<=30	Pass
		Edge 1RB Left	27.84	/	/	26.16	/	/	<=30	Pass
		Edge 1RB Right	27.89	/	/	26.21	/	/	<=30	Pass
		Outer Full	27.44	/	/	25.76	/	/	<=30	Pass
		Inner Full	27.12	/	/	25.44	/	/	<=30	Pass
	3510	Inner 1RB Left	27.79	/	/	26.11	/	/	<=30	Pass
		Inner 1RB Right	27.95	/	/	26.27	/	/	<=30	Pass
		Edge 1RB Left	27.86	/	/	26.18	/	/	<=30	Pass
		Edge 1RB Right	28.34	/	/	26.66	/	/	<=30	Pass
		Outer Full	27.69	/	/	26.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM		Inner Full	27.43	/	/	25.75	/	/	<=30	Pass
		Inner 1RB Left	27.82	/	/	26.14	/	/	<=30	Pass
		Inner 1RB Right	28.39	/	/	26.71	/	/	<=30	Pass
	3490.02	Edge 1RB Left	26.64	/	/	24.96	/	/	<=30	Pass
		Edge 1RB Right	26.66	/	/	24.98	/	/	<=30	Pass
		Outer Full	25.71	/	/	24.03	/	/	<=30	Pass
		Inner Full	25.85	/	/	24.17	/	/	<=30	Pass
	3500.01	Inner 1RB Left	26.59	/	/	24.91	/	/	<=30	Pass
		Inner 1RB Right	26.71	/	/	25.03	/	/	<=30	Pass
		Edge 1RB Left	26.56	/	/	24.88	/	/	<=30	Pass
		Edge 1RB Right	26.70	/	/	25.02	/	/	<=30	Pass
		Outer Full	25.67	/	/	23.99	/	/	<=30	Pass
	3510	Inner Full	25.82	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Left	26.49	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Right	26.76	/	/	25.08	/	/	<=30	Pass
		Edge 1RB Left	26.49	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Right	26.84	/	/	25.16	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Outer Full	25.76	/	/	24.08	/	/	<=30	Pass
		Inner Full	25.97	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Left	26.49	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Right	26.90	/	/	25.22	/	/	<=30	Pass
		Edge 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Edge 1RB Right	27.70	/	/	26.02	/	/	<=30	Pass
		Outer Full	27.35	/	/	25.67	/	/	<=30	Pass
		Inner Full	26.99	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Left	27.53	/	/	25.85	/	/	<=30	Pass
		Inner 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	27.49	/	/	25.81	/	/	<=30	Pass
		Edge_1RB_Right	27.72	/	/	26.04	/	/	<=30	Pass
		Outer_Full	27.37	/	/	25.69	/	/	<=30	Pass
		Inner_Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	27.45	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Right	27.86	/	/	26.18	/	/	<=30	Pass
	3510	Edge_1RB_Left	27.51	/	/	25.83	/	/	<=30	Pass
		Edge_1RB_Right	27.85	/	/	26.17	/	/	<=30	Pass
		Outer_Full	27.59	/	/	25.91	/	/	<=30	Pass
		Inner_Full	27.31	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	27.49	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	28.04	/	/	26.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	27.64	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Right	27.71	/	/	26.03	/	/	<=30	Pass
		Outer_Full	27.34	/	/	25.66	/	/	<=30	Pass
		Inner_Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	27.68	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	27.85	/	/	26.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	27.58	/	/	25.90	/	/	<=30	Pass
		Edge_1RB_Right	27.70	/	/	26.02	/	/	<=30	Pass
		Outer_Full	27.33	/	/	25.65	/	/	<=30	Pass
		Inner_Full	26.98	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	27.56	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Right	27.86	/	/	26.18	/	/	<=30	Pass
	3510	Edge_1RB_Left	27.57	/	/	25.89	/	/	<=30	Pass
		Edge_1RB_Right	27.97	/	/	26.29	/	/	<=30	Pass
		Outer_Full	27.56	/	/	25.88	/	/	<=30	Pass
		Inner_Full	27.27	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	27.61	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Right	28.17	/	/	26.49	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	27.75	/	/	26.07	/	/	<=30	Pass
		Edge_1RB_Right	27.83	/	/	26.15	/	/	<=30	Pass
		Outer_Full	26.90	/	/	25.22	/	/	<=30	Pass
		Inner_Full	27.04	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Left	27.86	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Right	28.01	/	/	26.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	27.68	/	/	26.00	/	/	<=30	Pass
		Edge_1RB_Right	27.68	/	/	26.00	/	/	<=30	Pass
		Outer_Full	26.86	/	/	25.18	/	/	<=30	Pass
		Inner_Full	26.97	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	27.65	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	27.83	/	/	26.15	/	/	<=30	Pass
	3510	Edge_1RB_Left	27.69	/	/	26.01	/	/	<=30	Pass
		Edge_1RB_Right	28.08	/	/	26.40	/	/	<=30	Pass
		Outer_Full	27.10	/	/	25.42	/	/	<=30	Pass
		Inner_Full	27.29	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	27.67	/	/	25.99	/	/	<=30	Pass
		Inner_1RB_Right	28.28	/	/	26.60	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	24.27	/	/	22.59	/	/	<=30	Pass
		Edge_1RB_Right	24.15	/	/	22.47	/	/	<=30	Pass
		Outer_Full	23.17	/	/	21.49	/	/	<=30	Pass
		Inner_Full	23.29	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	22.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	24.10	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	24.21	/	/	22.53	/	/	<=30	Pass
		Outer_Full	23.07	/	/	21.39	/	/	<=30	Pass
		Inner_Full	23.20	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	22.36	/	/	<=30	Pass

		Inner 1RB Right	24.31	/	/	22.63	/	/	<=30	Pass
	3510	Edge 1RB Left	24.02	/	/	22.34	/	/	<=30	Pass
		Edge 1RB Right	24.36	/	/	22.68	/	/	<=30	Pass
		Outer_Full	23.19	/	/	21.51	/	/	<=30	Pass
		Inner_Full	23.39	/	/	21.71	/	/	<=30	Pass
		Inner 1RB Left	23.96	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	24.48	/	/	22.80	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.18 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 QPSK	3495	Edge 1RB Left	27.55	/	/	25.87	/	/	<=30	Pass
		Edge 1RB Right	27.90	/	/	26.22	/	/	<=30	Pass
		Outer Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Right	27.98	/	/	26.30	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.46	/	/	25.78	/	/	<=30	Pass
		Edge 1RB Right	27.83	/	/	26.15	/	/	<=30	Pass
		Outer Full	27.54	/	/	25.86	/	/	<=30	Pass
		Inner Full	27.08	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Left	27.45	/	/	25.77	/	/	<=30	Pass
		Inner 1RB Right	27.92	/	/	26.24	/	/	<=30	Pass
	3504.99	Edge 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Edge 1RB Right	27.78	/	/	26.10	/	/	<=30	Pass
		Outer Full	27.53	/	/	25.85	/	/	<=30	Pass
		Inner Full	27.19	/	/	25.51	/	/	<=30	Pass
		Inner 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
		Inner 1RB Right	27.92	/	/	26.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge 1RB Left	27.53	/	/	25.85	/	/	<=30	Pass
		Edge 1RB Right	27.91	/	/	26.23	/	/	<=30	Pass
		Outer Full	27.43	/	/	25.75	/	/	<=30	Pass
		Inner Full	27.01	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Left	27.50	/	/	25.82	/	/	<=30	Pass
		Inner 1RB Right	28.02	/	/	26.34	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Edge 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
		Outer Full	27.46	/	/	25.78	/	/	<=30	Pass
		Inner Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	27.95	/	/	26.27	/	/	<=30	Pass
	3504.99	Edge 1RB Left	27.53	/	/	25.85	/	/	<=30	Pass
		Edge 1RB Right	27.85	/	/	26.17	/	/	<=30	Pass
		Outer Full	27.51	/	/	25.83	/	/	<=30	Pass
		Inner Full	27.18	/	/	25.50	/	/	<=30	Pass
		Inner 1RB Left	27.48	/	/	25.80	/	/	<=30	Pass
		Inner 1RB Right	27.96	/	/	26.28	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge 1RB Left	27.56	/	/	25.88	/	/	<=30	Pass
		Edge 1RB Right	27.96	/	/	26.28	/	/	<=30	Pass
		Outer Full	27.43	/	/	25.75	/	/	<=30	Pass
		Inner Full	26.98	/	/	25.30	/	/	<=30	Pass
		Inner 1RB Left	27.52	/	/	25.84	/	/	<=30	Pass
		Inner 1RB Right	28.04	/	/	26.36	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass

		Edge 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
		Outer Full	27.42	/	/	25.74	/	/	<=30	Pass
		Inner Full	27.00	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Left	27.40	/	/	25.72	/	/	<=30	Pass
		Inner 1RB Right	27.94	/	/	26.26	/	/	<=30	Pass
		Edge 1RB Left	27.56	/	/	25.88	/	/	<=30	Pass
		Edge 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
		Outer Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner Full	27.14	/	/	25.46	/	/	<=30	Pass
		Inner 1RB Left	27.49	/	/	25.81	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Inner 1RB Right	28.00	/	/	26.32	/	/	<=30	Pass
		Edge 1RB Left	26.28	/	/	24.60	/	/	<=30	Pass
		Edge 1RB Right	26.61	/	/	24.93	/	/	<=30	Pass
		Outer Full	25.69	/	/	24.01	/	/	<=30	Pass
		Inner Full	25.70	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Left	26.27	/	/	24.59	/	/	<=30	Pass
	3500.01	Inner 1RB Right	26.69	/	/	25.01	/	/	<=30	Pass
		Edge 1RB Left	26.16	/	/	24.48	/	/	<=30	Pass
		Edge 1RB Right	26.52	/	/	24.84	/	/	<=30	Pass
		Outer Full	25.66	/	/	23.98	/	/	<=30	Pass
		Inner Full	25.70	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Left	26.14	/	/	24.46	/	/	<=30	Pass
	3504.99	Inner 1RB Right	26.57	/	/	24.89	/	/	<=30	Pass
		Edge 1RB Left	26.21	/	/	24.53	/	/	<=30	Pass
		Edge 1RB Right	26.49	/	/	24.81	/	/	<=30	Pass
		Outer Full	25.73	/	/	24.05	/	/	<=30	Pass
		Inner Full	25.81	/	/	24.13	/	/	<=30	Pass
		Inner 1RB Left	26.20	/	/	24.52	/	/	<=30	Pass
CP-OFDM QPSK	3495	Inner 1RB Right	26.56	/	/	24.88	/	/	<=30	Pass
		Edge 1RB Left	27.28	/	/	25.60	/	/	<=30	Pass
		Edge 1RB Right	27.69	/	/	26.01	/	/	<=30	Pass
		Outer Full	27.30	/	/	25.62	/	/	<=30	Pass
		Inner Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Left	27.25	/	/	25.57	/	/	<=30	Pass
	3500.01	Inner 1RB Right	27.80	/	/	26.12	/	/	<=30	Pass
		Edge 1RB Left	27.12	/	/	25.44	/	/	<=30	Pass
		Edge 1RB Right	27.53	/	/	25.85	/	/	<=30	Pass
		Outer Full	27.26	/	/	25.58	/	/	<=30	Pass
		Inner Full	26.88	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Left	27.09	/	/	25.41	/	/	<=30	Pass
	3504.99	Inner 1RB Right	27.62	/	/	25.94	/	/	<=30	Pass
		Edge 1RB Left	27.22	/	/	25.54	/	/	<=30	Pass
		Edge 1RB Right	27.52	/	/	25.84	/	/	<=30	Pass
		Outer Full	27.33	/	/	25.65	/	/	<=30	Pass
		Inner Full	27.13	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Inner 1RB Right	27.73	/	/	26.05	/	/	<=30	Pass
		Edge 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
		Edge 1RB Right	27.78	/	/	26.10	/	/	<=30	Pass
		Outer Full	27.33	/	/	25.65	/	/	<=30	Pass
		Inner Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	27.33	/	/	25.65	/	/	<=30	Pass
	3500.01	Inner 1RB Right	27.87	/	/	26.19	/	/	<=30	Pass
		Edge 1RB Left	27.18	/	/	25.50	/	/	<=30	Pass
		Edge 1RB Right	27.63	/	/	25.95	/	/	<=30	Pass
		Outer Full	27.23	/	/	25.55	/	/	<=30	Pass
		Inner Full	26.85	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	27.16	/	/	25.48	/	/	<=30	Pass
		Inner 1RB Right	27.71	/	/	26.03	/	/	<=30	Pass

	3504.99	Edge 1RB Left	27.35	/	/	25.67	/	/	<=30	Pass
		Edge 1RB Right	27.71	/	/	26.03	/	/	<=30	Pass
		Outer_Full	27.41	/	/	25.73	/	/	<=30	Pass
		Inner_Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	27.32	/	/	25.64	/	/	<=30	Pass
		Inner 1RB Right	27.78	/	/	26.10	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge 1RB Left	27.45	/	/	25.77	/	/	<=30	Pass
		Edge 1RB Right	27.90	/	/	26.22	/	/	<=30	Pass
		Outer_Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner_Full	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Inner 1RB Right	27.98	/	/	26.30	/	/	<=30	Pass
	3500.01	Edge 1RB Left	27.34	/	/	25.66	/	/	<=30	Pass
		Edge 1RB Right	27.78	/	/	26.10	/	/	<=30	Pass
		Outer_Full	26.80	/	/	25.12	/	/	<=30	Pass
		Inner_Full	26.87	/	/	25.19	/	/	<=30	Pass
		Inner 1RB Left	27.32	/	/	25.64	/	/	<=30	Pass
		Inner 1RB Right	27.84	/	/	26.16	/	/	<=30	Pass
	3504.99	Edge 1RB Left	27.42	/	/	25.74	/	/	<=30	Pass
		Edge 1RB Right	27.79	/	/	26.11	/	/	<=30	Pass
		Outer_Full	26.95	/	/	25.27	/	/	<=30	Pass
		Inner_Full	27.05	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	27.44	/	/	25.76	/	/	<=30	Pass
		Inner 1RB Right	27.88	/	/	26.20	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge 1RB Left	23.91	/	/	22.23	/	/	<=30	Pass
		Edge 1RB Right	24.14	/	/	22.46	/	/	<=30	Pass
		Outer_Full	23.09	/	/	21.41	/	/	<=30	Pass
		Inner_Full	23.11	/	/	21.43	/	/	<=30	Pass
		Inner 1RB Left	23.86	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Right	24.26	/	/	22.58	/	/	<=30	Pass
	3500.01	Edge 1RB Left	23.69	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	24.02	/	/	22.34	/	/	<=30	Pass
		Outer_Full	23.02	/	/	21.34	/	/	<=30	Pass
		Inner_Full	23.10	/	/	21.42	/	/	<=30	Pass
		Inner 1RB Left	23.68	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Right	24.11	/	/	22.43	/	/	<=30	Pass
	3504.99	Edge 1RB Left	23.83	/	/	22.15	/	/	<=30	Pass
		Edge 1RB Right	24.05	/	/	22.37	/	/	<=30	Pass
		Outer_Full	23.20	/	/	21.52	/	/	<=30	Pass
		Inner_Full	23.24	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Left	23.79	/	/	22.11	/	/	<=30	Pass
		Inner 1RB Right	24.14	/	/	22.46	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.19 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 QPSK	3500.01	Edge 1RB Left	26.91	/	/	25.23	/	/	<=30	Pass
		Edge 1RB Right	27.26	/	/	25.58	/	/	<=30	Pass
		Outer Full	27.50	/	/	25.82	/	/	<=30	Pass
		Inner Full	27.16	/	/	25.48	/	/	<=30	Pass
		Inner 1RB Left	26.89	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Right	27.38	/	/	25.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	26.74	/	/	25.06	/	/	<=30	Pass
		Edge 1RB Right	27.28	/	/	25.60	/	/	<=30	Pass

		Outer_Full	27.45	/	/	25.77	/	/	<=30	Pass
		Inner_Full	27.08	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	26.80	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	27.41	/	/	25.73	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	26.97	/	/	25.29	/	/	<=30	Pass
		Edge_1RB_Right	27.34	/	/	25.66	/	/	<=30	Pass
		Outer_Full	27.44	/	/	25.76	/	/	<=30	Pass
		Inner_Full	27.07	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	26.98	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	27.42	/	/	25.74	/	/	<=30	Pass
		Edge_1RB_Left	25.59	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	25.90	/	/	24.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	25.66	/	/	23.98	/	/	<=30	Pass
		Inner_Full	25.79	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	25.57	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Right	26.03	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Left	26.55	/	/	24.87	/	/	<=30	Pass
		Edge_1RB_Right	27.02	/	/	25.34	/	/	<=30	Pass
		Outer_Full	27.28	/	/	25.60	/	/	<=30	Pass
		Inner_Full	26.93	/	/	25.25	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Inner_1RB_Left	26.57	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	27.10	/	/	25.42	/	/	<=30	Pass
		Edge_1RB_Left	26.49	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	26.99	/	/	25.31	/	/	<=30	Pass
		Outer_Full	27.28	/	/	25.60	/	/	<=30	Pass
		Inner_Full	26.90	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Left	26.52	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	27.05	/	/	25.37	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	26.81	/	/	25.13	/	/	<=30	Pass
		Edge_1RB_Right	27.25	/	/	25.57	/	/	<=30	Pass
		Outer_Full	26.81	/	/	25.13	/	/	<=30	Pass
		Inner_Full	26.90	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Left	26.83	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Right	27.38	/	/	25.70	/	/	<=30	Pass
		Edge_1RB_Left	23.11	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	21.77	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	23.05	/	/	21.37	/	/	<=30	Pass
		Inner_Full	23.13	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.89	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01									
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_10MHz

5G NR n77d SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	11.00	0.0031	>=-2.5 & <=2.5	Pass
				HV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	12.60	0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	10.00	0.0029	>=-2.5 & <=2.5	Pass

			-10	NV	8.10	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.90	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	7.80	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.50	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	8.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	4.00	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	5.60	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.20	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.90	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.80	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.30	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.30	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.10	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.30	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	6.30	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	50	NV	7.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	9.60	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	12.70	0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	10.30	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.50	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	9.50	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.30	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.80	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	8.40	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.20	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	40	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	5.80	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	5.60	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.40	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.40	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.40	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.80	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.80	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3499.995	Outer_Full	30	NV	7.00	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.80	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	8.90	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.90	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	7.90	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	10.20	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.50	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	9.30	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	NV	10.90	0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.10	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	8.50	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	8.90	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	6.60	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.40	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	7.40	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	4.60	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	10.40	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			50	NV	5.60	0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	4.00	0.0011	>=-2.5 & <=2.5	Pass
				HV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	4.60	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
				HV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_15MHz

5G NR n77d SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	4.90	0.0014	>=-2.5 & <=2.5	Pass
				HV	10.40	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	6.40	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	3.40	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	6.90	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	3.10	0.0009	>=-2.5 & <=2.5	Pass
				HV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	7.70	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
				LV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass

			-10	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.20	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.70	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.50	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	4.20	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	4.00	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.20	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.80	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.10	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	0.70	0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.30	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	-0.70	-0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.80	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.80	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.60	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.20	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.20	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	4.40	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.30	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	7.50	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	5.40	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.90	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.10	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.70	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.50	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	5.20	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.50	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.10	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.60	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.90	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.90	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.60	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.40	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.10	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.80	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.30	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.40	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.10	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass

2.1.3 15k_SISO_20MHz

5G NR n77d SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	8.90	0.0025	>=-2.5 & <=2.5	Pass
				HV	8.80	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	3.40	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	6.10	0.0017	>=-2.5 & <=2.5	Pass
				HV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	4.60	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	6.40	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	8.00	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	3.50	0.0010	>=-2.5 & <=2.5	Pass
				HV	3.00	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	1.80	0.0005	>=-2.5 & <=2.5	Pass
				HV	9.90	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	9.70	0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass

			-10	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	11.00	0.0031	>=-2.5 & <=2.5	Pass
			10	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			30	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	5.00	0.0014	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	50	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass
			20	LV	2.40	0.0007	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	7.90	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	40	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			20	LV	5.60	0.0016	>=-2.5 & <=2.5	Pass
				HV	7.90	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	0.40	0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass

2.1.4 15k_SISO_25MHz

5G NR n77d SCS=15kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	5.40	0.0015	>=-2.5 & <=2.5	Pass
				HV	12.50	0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	6.60	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.60	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	7.20	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.10	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	12.90	0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	7.00	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	8.00	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	5.60	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	6.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.80	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.40	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	10.40	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	7.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.40	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	8.20	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	9.70	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	5.40	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	8.80	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.60	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.40	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.60	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	9.30	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	9.70	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	8.20	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.80	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	6.40	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	7.30	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.20	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	7.00	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	9.80	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	10.60	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	12.70	0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	8.10	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	13.70	0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	5.90	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.00	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.30	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.80	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.30	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.00	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	8.60	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.40	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	6.60	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	5.00	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	7.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	9.30	0.0027	>=-2.5 & <=2.5	Pass
			30	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			50	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	3.70	0.0011	>=-2.5 & <=2.5	Pass
				HV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	5.60	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			50	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_30MHz

5G NR n77d SCS=15kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	12.10	0.0035	>=-2.5 & <=2.5	Pass
				HV	10.10	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	10.00	0.0029	>=-2.5 & <=2.5	Pass
				HV	4.60	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	7.20	0.0021	>=-2.5 & <=2.5	Pass
				HV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	3.40	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	6.90	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.80	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.30	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.50	0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	8.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.10	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.20	0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.50	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	7.00	0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.90	0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.00	0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	9.20	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.50	0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.20	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.30	0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	8.20	0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	8.70	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.80	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.60	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	12.70	0.0036	≥ -2.5 & ≤ 2.5	Pass

2.1.6 15k_SISO_40MHz

5G NR n77d SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	4.80	0.0014	>=-2.5 & <=2.5	Pass
				HV	9.10	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	13.50	0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	9.50	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	9.50	0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	7.00	0.0020	>=-2.5 & <=2.5	Pass
				HV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	8.00	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			30	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	7.80	0.0022	>=-2.5 & <=2.5	Pass
				HV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	9.50	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	9.00	0.0026	>=-2.5 & <=2.5	Pass
				HV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	4.80	0.0014	>=-2.5 & <=2.5	Pass
				HV	8.70	0.0025	>=-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	10.50	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	10.60	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	10.90	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
				LV	7.60	0.0022	>=-2.5 & <=2.5	Pass

				HV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	10.50	0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	8.50	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	10.50	0.0030	>=-2.5 & <=2.5	Pass
			40	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			50	NV	8.50	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	8.30	0.0024	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	4.50	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	3.50	0.0010	>=-2.5 & <=2.5	Pass
				HV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	8.50	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	6.40	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	6.40	0.0018	>=-2.5 & <=2.5	Pass
				NV	6.40	0.0018	>=-2.5 & <=2.5	Pass

2.1.7 15k_SISO_50MHz

5G NR n77d SCS=15kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	9.50	0.0027	>=-2.5 & <=2.5	Pass
				HV	9.80	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	6.40	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	50	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
				NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			20	LV	7.00	0.0020	>=-2.5 & <=2.5	Pass
				HV	9.30	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	9.70	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
				NV	7.10	0.0020	>=-2.5 & <=2.5	Pass

			30	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	10.80	0.0031	>=-2.5 & <=2.5	Pass
			50	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	10.20	0.0029	>=-2.5 & <=2.5	Pass
				HV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	6.90	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	5.80	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	7.10
HV	8.50	0.0024					>=-2.5 & <=2.5	Pass
-30	NV	6.90				0.0020	>=-2.5 & <=2.5	Pass
-20	NV	6.00				0.0017	>=-2.5 & <=2.5	Pass
-10	NV	4.70				0.0013	>=-2.5 & <=2.5	Pass
0	NV	9.20				0.0026	>=-2.5 & <=2.5	Pass
10	NV	6.50				0.0019	>=-2.5 & <=2.5	Pass
20	NV	6.70				0.0019	>=-2.5 & <=2.5	Pass
30	NV	6.80				0.0019	>=-2.5 & <=2.5	Pass
40	NV	9.60				0.0027	>=-2.5 & <=2.5	Pass
50	NV	10.70	0.0031	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	7.20	0.0021	>=-2.5 & <=2.5	Pass
				HV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	10.30	0.0029	>=-2.5 & <=2.5	Pass
			0	NV	9.70	0.0028	>=-2.5 & <=2.5	Pass
			10	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	9.20	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
40	NV	7.90	0.0023	>=-2.5 & <=2.5	Pass			
50	NV	10.20	0.0029	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	8.30	0.0024	>=-2.5 & <=2.5	Pass
				HV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	9.70	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	9.30	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	7.90	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	11.00	0.0031	>=-2.5 & <=2.5	Pass
50	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	7.60	0.0022	>=-2.5 & <=2.5	Pass
				HV	7.90	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	10.90	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	10.90	0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			30	NV	7.90	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	10.80	0.0031	>=-2.5 & <=2.5	Pass
50	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	8.10	0.0023	>=-2.5 & <=2.5	Pass

				HV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	9.90	0.0028	>=-2.5 & <=2.5	Pass
			0	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	5.60	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			50	NV	13.00	0.0037	>=-2.5 & <=2.5	Pass

2.1.8 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 QPSK	3500.01	Outer_Full	20	LV	4.80	0.0014	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	2.00	0.0006	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
				HV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	4.50	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass

			30	NV	-1.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.60	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-4.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.60	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.20	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.00	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.50	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.20	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.10	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.90	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.10	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.40	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.90	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.80	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.10	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-1.70	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.40	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-1.70	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.20	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.10	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.50	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.60	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.00	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-1.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.60	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.10	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	0.90	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.80	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.40	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.80	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.9 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 QPSK	3500.01	Outer_Full	20	LV	-3.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.80	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.70	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.10	0.0009	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-0.90	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	9.10	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.40	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	30	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-8.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.40	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.00	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	5.50	0.0016	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
				HV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-0.80	-0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass

2.1.10 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 QPSK	3500.01	Outer_Full	20	LV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
				LV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass

			-10	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-0.60	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.90	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.20	-0.0003	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.20	0.0003	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass

2.1.11 30k_SISO_25MHz

5G NR n77d SCS=30kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
				HV	3.40	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	3.40	0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
				LV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass

			-10	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	2.70	0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	LV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			20	LV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	0.80	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass

2.1.12 30k_SISO_30MHz

5G NR n77d SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-2.30	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	5.10	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.50	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.20	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.30	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.20	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-8.20	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.70	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.90	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-8.90	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.90	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-11.60	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.40	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.80	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.10	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.80	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.70	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.90	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-2.80	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.20	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.70	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.60	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.30	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.90	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.70	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.10	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.10	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	2.00	0.0006	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass

2.1.13 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 QPSK	3500.01	Outer_Full	20	LV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	0.60	0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
				HV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-0.40	-0.0001	>=-2.5 & <=2.5	Pass
			20	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-3.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.30	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.40	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.20	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.90	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	1.10	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-10.40	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-1.60	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.90	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	1.30	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	1.60	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	2.00	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.20	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.30	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.00	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.30	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.30	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.80	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.00	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	1.90	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	2.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.14 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 QPSK	3500.01	Outer_Full	20	LV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	2.50	0.0007	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	11.60	0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	1.60	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-0.30	-0.0001	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass

				HV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-0.70	-0.0002	>=-2.5 & <=2.5	Pass
			0	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	4.50	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	0.70	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	0.60	0.0002	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-1.30	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			50	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass

2.1.15 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 QPSK	3500.01	Outer_Full	20	LV	1.90	0.0005	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	9.80	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass

			30	NV	0.50	0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	5.60	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	1.60	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			50	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-2.60
HV	2.20	0.0006					>=-2.5 & <=2.5	Pass
-30	NV	2.40				0.0007	>=-2.5 & <=2.5	Pass
-20	NV	-3.60				-0.0010	>=-2.5 & <=2.5	Pass
-10	NV	-6.50				-0.0019	>=-2.5 & <=2.5	Pass
0	NV	-3.80				-0.0011	>=-2.5 & <=2.5	Pass
10	NV	-4.30				-0.0012	>=-2.5 & <=2.5	Pass
20	NV	-2.70				-0.0008	>=-2.5 & <=2.5	Pass
30	NV	4.40				0.0013	>=-2.5 & <=2.5	Pass
40	NV	-3.80				-0.0011	>=-2.5 & <=2.5	Pass
50	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass			
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-0.80	-0.0002	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
40	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass			
50	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass			
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3.20	0.0009	>=-2.5 & <=2.5	Pass
				HV	1.60	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	1.00	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
50	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass			
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-1.00	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
40	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass			
50	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass			
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	5.00	0.0014	>=-2.5 & <=2.5	Pass

				HV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	1.00	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass

2.1.16 30k_SISO_70MHz

5G NR n77d SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	5.00	0.0014	>=-2.5 & <=2.5	Pass
				HV	7.30	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
				HV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	4.20	0.0012	>=-2.5 & <=2.5	Pass
				HV	3.00	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	2.70	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass

			30	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	1.50	0.0004	>=-2.5 & <=2.5	Pass
				HV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	-1.30	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-1.50
HV	2.00	0.0006					>=-2.5 & <=2.5	Pass
-30	NV	1.80				0.0005	>=-2.5 & <=2.5	Pass
-20	NV	2.90				0.0008	>=-2.5 & <=2.5	Pass
-10	NV	2.60				0.0007	>=-2.5 & <=2.5	Pass
0	NV	3.40				0.0010	>=-2.5 & <=2.5	Pass
10	NV	-5.20				-0.0015	>=-2.5 & <=2.5	Pass
20	NV	-5.10				-0.0015	>=-2.5 & <=2.5	Pass
30	NV	-5.20				-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	6.00	0.0017	>=-2.5 & <=2.5	Pass
				HV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-2.30	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
40	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass			
50	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass			

2.1.17 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 QPSK	3500.01	Outer_Full	20	LV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	1.60	0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.50	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.20	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-1.20	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	LV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-11.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.40	0.0004	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	30	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.80	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.50	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.50	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.90	0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass

			30	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3.10	0.0009	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-2.30	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-4.30
HV	3.80	0.0011					>=-2.5 & <=2.5	Pass
-30	NV	2.70				0.0008	>=-2.5 & <=2.5	Pass
-20	NV	5.20				0.0015	>=-2.5 & <=2.5	Pass
-10	NV	-3.00				-0.0009	>=-2.5 & <=2.5	Pass
0	NV	-1.20				-0.0003	>=-2.5 & <=2.5	Pass
10	NV	4.30				0.0012	>=-2.5 & <=2.5	Pass
20	NV	-3.80				-0.0011	>=-2.5 & <=2.5	Pass
30	NV	-6.40				-0.0018	>=-2.5 & <=2.5	Pass
40	NV	4.50				0.0013	>=-2.5 & <=2.5	Pass
50	NV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass			

2.1.18 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 QPSK	3500.01	Outer_Full	20	LV	10.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	1.00	0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	NV	6.60	0.0019	≥ -2.5 & ≤ 2.5	Pass
				LV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	3.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.70	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.60	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-7.90	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.40	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.00	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.70	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.70	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-2.80	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	4.80	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.00	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	0.50	0.0001	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	4.10	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	4.90	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-5.50	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.30	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	3.00	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.80	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.10	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-2.70	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.10	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	3.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.60	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.90	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	1.40	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-4.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	1.30	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	3.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.70	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.30	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	1.70	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass

2.1.19 30k_SISO_100MHz

5G NR n77d SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	2.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	6.90	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-1.00	-0.0003	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	2.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
				LV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass

			-10	NV	1.10	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.70	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.40	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	0.40	0.0001	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	0.90	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.60	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	4.00	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.20	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.70	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-0.70	-0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-1.70	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.90	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	1.30	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.60	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.20	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.60	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_50MHz_NTNV

5G NR n77d SCS=15kHz SISO 50MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3499.995	Outer_Full	Refer To Test Graph				Pass

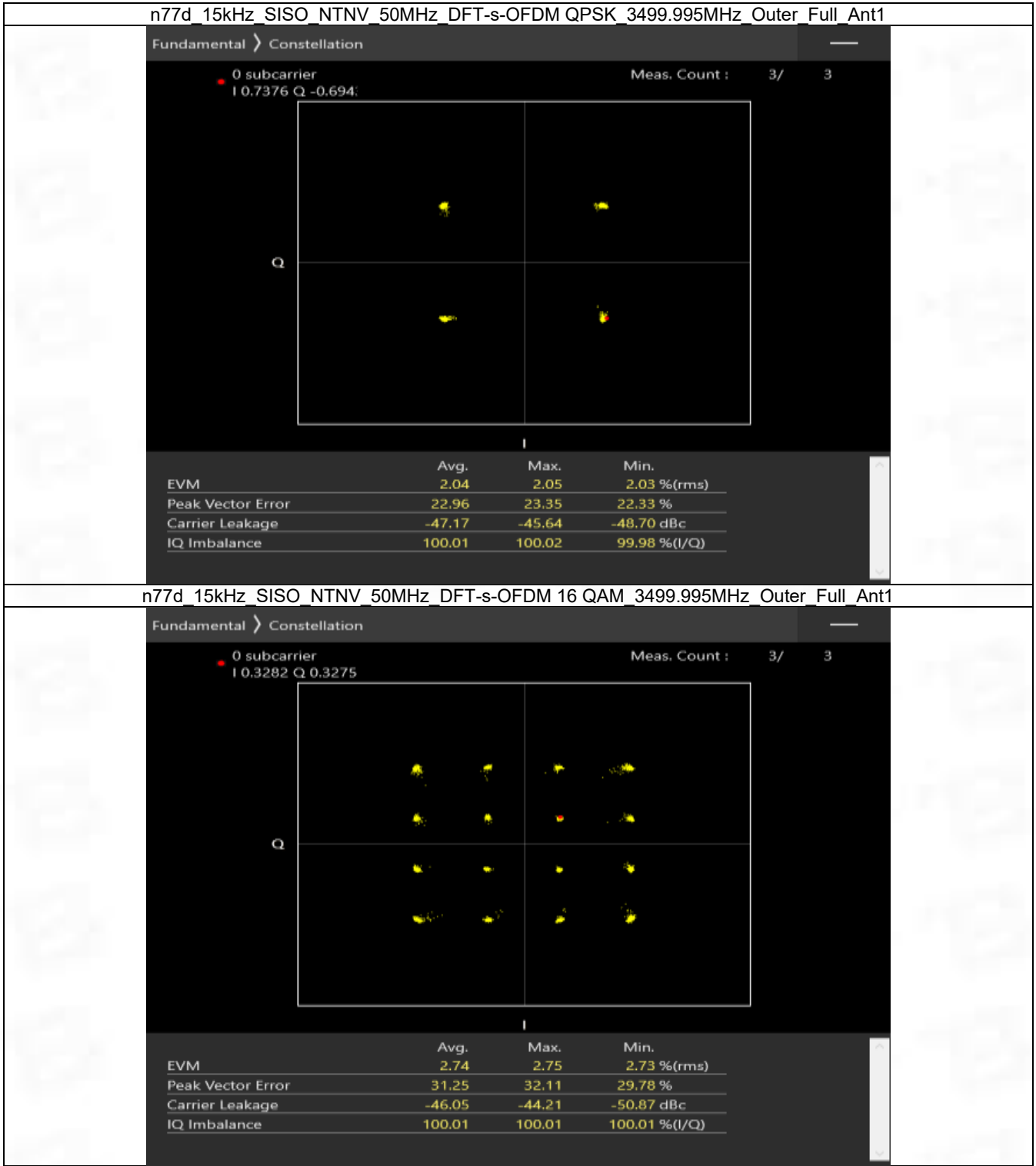
CP-OFDM 16 QAM	3499.995	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	Refer To Test Graph	Pass

3.1.2 30k_SISO_100MHz_NTNV

5G NR n77d SCS=30kHz SISO 100MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

3.2.1 15k_SISO_50MHz_NTNV



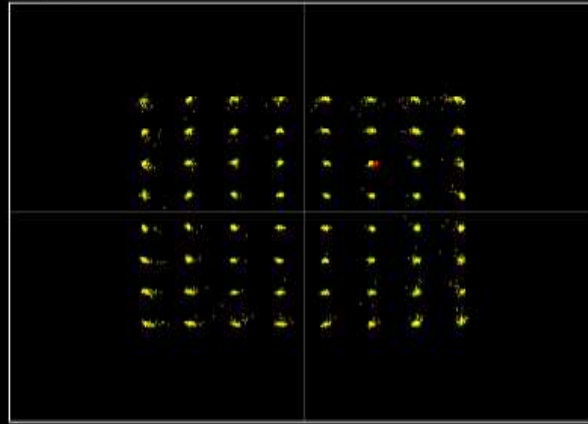
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4974 Q 0.4690

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.86	2.87	2.84 %(rms)
Peak Vector Error	19.56	20.18	18.92 %
Carrier Leakage	-47.75	-46.34	-52.78 dBc
IQ Imbalance	100.00	100.01	99.98 %(I/Q)

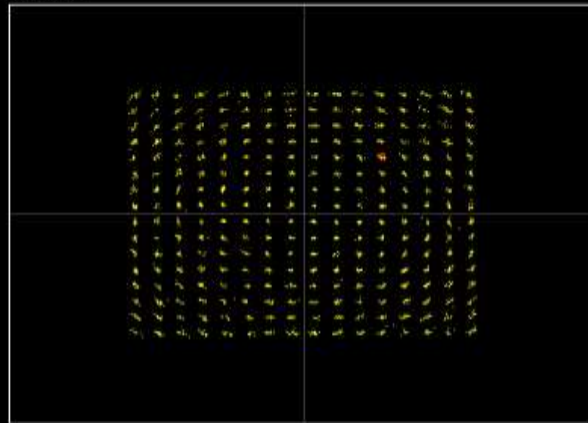
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5429 Q 0.5641

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	1.95	1.98	1.93 %(rms)
Peak Vector Error	10.62	10.71	10.53 %
Carrier Leakage	-48.67	-46.62	-51.29 dBc
IQ Imbalance	99.99	100.01	99.98 %(I/Q)

n77d 15kHz SISO NTN 50MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.6730 Q 0.7564

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	5.70	5.70	5.69 %(rms)
Peak Vector Error	19.49	19.79	19.17 %
Carrier Leakage	-46.83	-45.67	-47.88 dBc

n77d 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.2562 Q 0.2590

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	5.77	5.77	5.76 %(rms)
Peak Vector Error	22.40	23.30	21.77 %
Carrier Leakage	-47.40	-46.13	-51.66 dBc

n77d 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 3499.995MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1750 Q 0.4427

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	4.94	4.94	4.92 %(rms)
Peak Vector Error	17.29	17.83	16.31 %
Carrier Leakage	-48.15	-44.60	-54.30 dBc

n77d 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 3499.995MHz Outer Full Ant1

Fundamental > Constellation

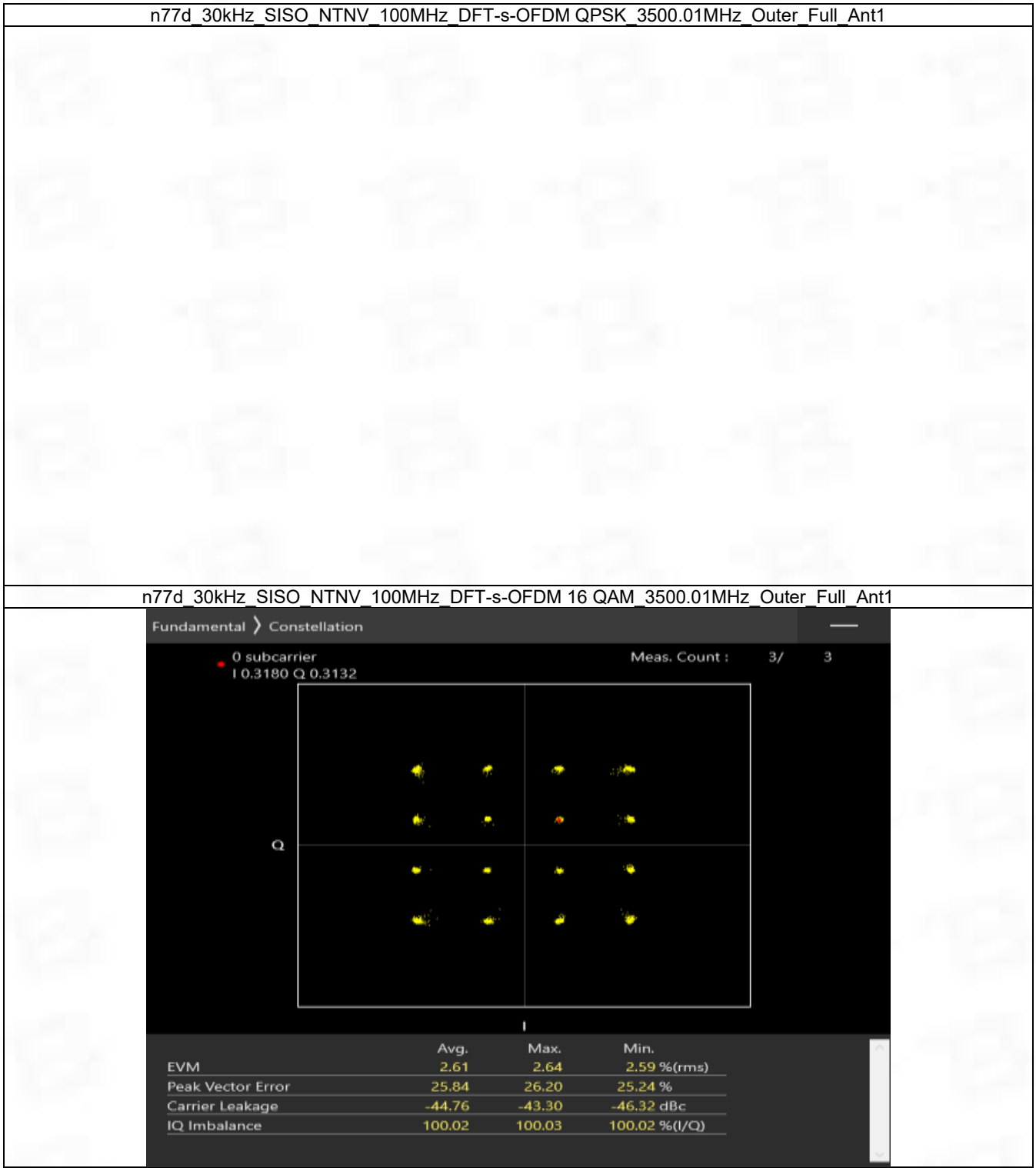
0 subcarrier
I 0.5306 Q 0.5370

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	1.98	2.01	1.95 %(rms)
Peak Vector Error	7.26	7.76	6.82 %
Carrier Leakage	-43.97	-41.05	-48.06 dBc

3.2.2 30k_SISO_100MHz_NTNV



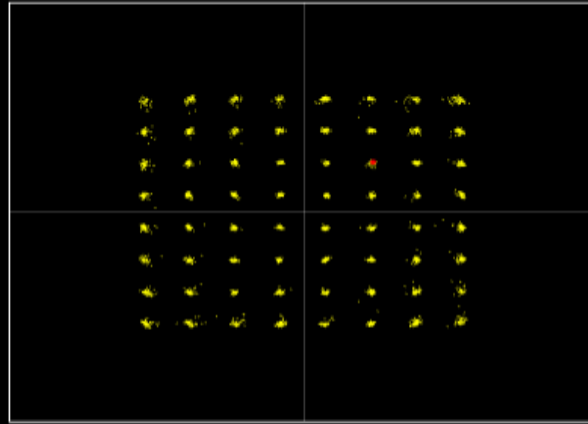
n77d 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4775 Q 0.4786

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.77	2.77	2.76 %(rms)
Peak Vector Error	18.78	19.21	18.22 %
Carrier Leakage	-45.09	-44.81	-45.64 dBc
IQ Imbalance	100.03	100.05	100.02 %(I/Q)

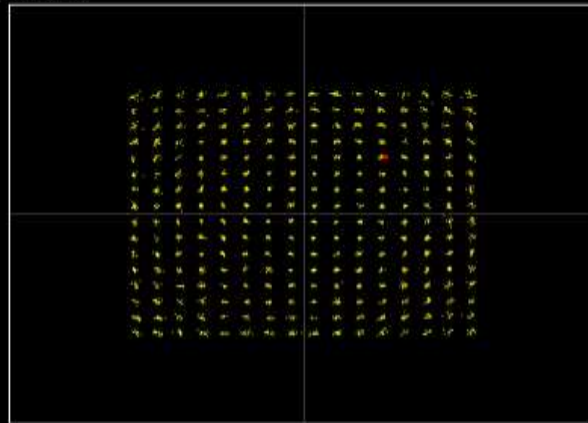
n77d 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5588 Q 0.5418

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.00	2.03	1.96 %(rms)
Peak Vector Error	10.01	10.49	9.75 %
Carrier Leakage	-45.17	-45.04	-45.33 dBc
IQ Imbalance	100.02	100.04	100.02 %(I/Q)

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

Fundamental > Constellation

0 subcarrier
I 0.7097 Q -0.770;

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	5.43	5.43	5.42 %(rms)
Peak Vector Error	21.50	22.54	20.62 %
Carrier Leakage	-44.32	-44.04	-44.62 dBc
IQ Imbalance	100.11	100.13	100.10 %(I/Q)

n77d 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1

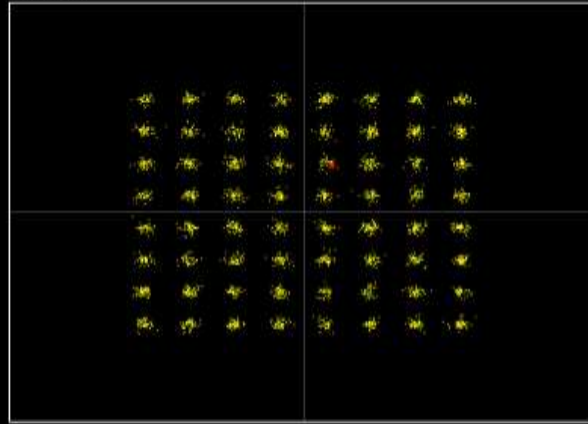
n77d 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1964 Q 0.4445

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	4.55	4.55	4.54 %(rms)
Peak Vector Error	16.98	17.13	16.89 %
Carrier Leakage	-42.79	-41.43	-44.16 dBc
IQ Imbalance	100.06	100.07	100.05 %(I/Q)

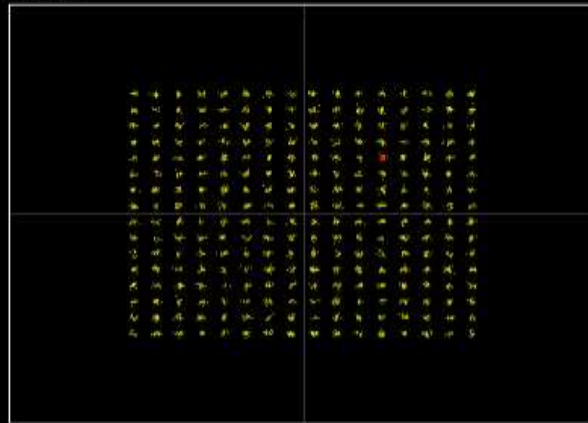
n77d 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5387 Q 0.5334

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.02	2.04	1.99 %(rms)
Peak Vector Error	7.11	7.36	6.64 %
Carrier Leakage	-46.36	-45.45	-46.97 dBc
IQ Imbalance	100.02	100.04	100.00 %(I/Q)

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_10MHz_NTNV

5G NR n77d SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3455.01	Outer_Full	9.11	9.86	/	Pass
	3499.995	Outer_Full	9.06	9.89	/	Pass
	3544.995	Outer_Full	9.09	10.27	/	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	9.06	9.84	/	Pass
	3499.995	Outer_Full	9.08	9.89	/	Pass
	3544.995	Outer_Full	9.09	10.41	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	9.12	9.96	/	Pass
	3499.995	Outer_Full	9.11	9.93	/	Pass
	3544.995	Outer_Full	9.13	10.09	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	9.06	10.44	/	Pass
	3499.995	Outer_Full	9.06	10.37	/	Pass
	3544.995	Outer_Full	9.07	10.18	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	9.45	15.16	/	Pass
	3499.995	Outer_Full	9.48	15.79	/	Pass
	3544.995	Outer_Full	9.58	18.46	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	9.47	14.37	/	Pass
	3499.995	Outer_Full	9.51	14.87	/	Pass
	3544.995	Outer_Full	9.59	16.75	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	9.48	12.79	/	Pass
	3499.995	Outer_Full	9.48	12.82	/	Pass
	3544.995	Outer_Full	9.54	16.27	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	9.42	10.23	/	Pass
	3499.995	Outer_Full	9.41	10.13	/	Pass
	3544.995	Outer_Full	9.41	10.56	/	Pass

4.1.2 15k_SISO_15MHz_NTNV

5G NR n77d SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3457.5	Outer_Full	13.61	15.50	/	Pass
	3499.995	Outer_Full	13.64	14.82	/	Pass
	3542.49	Outer_Full	13.64	15.28	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.65	14.78	/	Pass
	3499.995	Outer_Full	13.64	14.92	/	Pass
	3542.49	Outer_Full	13.65	14.79	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.66	14.82	/	Pass
	3499.995	Outer_Full	13.61	14.86	/	Pass
	3542.49	Outer_Full	13.69	16.34	/	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.64	14.77	/	Pass
	3499.995	Outer_Full	13.63	14.82	/	Pass
	3542.49	Outer_Full	13.66	14.89	/	Pass
CP-OFDM QPSK	3457.5	Outer_Full	14.37	18.98	/	Pass
	3499.995	Outer_Full	14.36	22.18	/	Pass
	3542.49	Outer_Full	14.51	24.78	/	Pass

CP-OFDM 16 QAM	3457.5	Outer_Full	14.39	23.53	/	Pass
	3499.995	Outer_Full	14.42	24.09	/	Pass
	3542.49	Outer_Full	14.59	26.90	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	14.42	16.98	/	Pass
	3499.995	Outer_Full	14.40	16.73	/	Pass
	3542.49	Outer_Full	14.47	22.31	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	14.32	15.43	/	Pass
	3499.995	Outer_Full	14.29	15.61	/	Pass
	3542.49	Outer_Full	14.31	15.49	/	Pass

4.1.3 15k_SISO_20MHz_NTNV

5G NR n77d SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3460.005	Outer_Full	18.20	19.62	/	Pass
	3499.995	Outer_Full	18.08	19.46	/	Pass
	3540	Outer_Full	18.18	19.59	/	Pass
DFT-s-OFDM 16 QAM	3460.005	Outer_Full	18.20	19.61	/	Pass
	3499.995	Outer_Full	18.16	19.65	/	Pass
	3540	Outer_Full	18.19	19.59	/	Pass
DFT-s-OFDM 64 QAM	3460.005	Outer_Full	18.23	20.68	/	Pass
	3499.995	Outer_Full	18.16	19.59	/	Pass
	3540	Outer_Full	18.27	20.24	/	Pass
DFT-s-OFDM 256 QAM	3460.005	Outer_Full	18.13	20.00	/	Pass
	3499.995	Outer_Full	18.13	19.58	/	Pass
	3540	Outer_Full	18.11	19.48	/	Pass
CP-OFDM QPSK	3460.005	Outer_Full	19.32	30.52	/	Pass
	3499.995	Outer_Full	19.34	31.43	/	Pass
	3540	Outer_Full	19.56	38.33	/	Pass
CP-OFDM 16 QAM	3460.005	Outer_Full	19.36	28.79	/	Pass
	3499.995	Outer_Full	19.35	34.93	/	Pass
	3540	Outer_Full	19.60	36.80	/	Pass
CP-OFDM 64 QAM	3460.005	Outer_Full	19.37	34.63	/	Pass
	3499.995	Outer_Full	19.36	32.23	/	Pass
	3540	Outer_Full	19.50	40.28	/	Pass
CP-OFDM 256 QAM	3460.005	Outer_Full	19.14	20.53	/	Pass
	3499.995	Outer_Full	19.14	20.47	/	Pass
	3540	Outer_Full	19.12	20.55	/	Pass

4.1.4 15k_SISO_25MHz_NTNV

5G NR n77d SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3462.51	Outer_Full	23.09	25.27	/	Pass
	3499.995	Outer_Full	23.02	24.72	/	Pass
	3537.495	Outer_Full	23.15	24.76	/	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer_Full	23.09	24.85	/	Pass
	3499.995	Outer_Full	23.11	24.74	/	Pass
	3537.495	Outer_Full	23.18	24.89	/	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer_Full	23.11	25.08	/	Pass
	3499.995	Outer_Full	23.17	25.53	/	Pass
	3537.495	Outer_Full	23.22	26.89	/	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer_Full	23.07	25.01	/	Pass
	3499.995	Outer_Full	23.05	24.84	/	Pass

CP-OFDM QPSK	3537.495	Outer_Full	23.11	24.68	/	Pass
	3462.51	Outer_Full	24.09	43.20	/	Pass
	3499.995	Outer_Full	24.19	38.46	/	Pass
	3537.495	Outer_Full	24.36	47.86	/	Pass
CP-OFDM 16 QAM	3462.51	Outer_Full	24.11	33.19	/	Pass
	3499.995	Outer_Full	24.22	39.34	/	Pass
	3537.495	Outer_Full	24.40	45.37	/	Pass
CP-OFDM 64 QAM	3462.51	Outer_Full	24.02	31.46	/	Pass
	3499.995	Outer_Full	24.11	32.09	/	Pass
	3537.495	Outer_Full	24.17	35.37	/	Pass
CP-OFDM 256 QAM	3462.51	Outer_Full	23.91	25.66	/	Pass
	3499.995	Outer_Full	23.88	26.07	/	Pass
	3537.495	Outer_Full	23.91	26.05	/	Pass

4.1.5 15k_SISO_30MHz_NTNV

5G NR n77d SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3465	Outer_Full	28.98	30.81	/	Pass
	3499.995	Outer_Full	28.90	30.85	/	Pass
	3534.99	Outer_Full	29.02	30.86	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	28.97	30.84	/	Pass
	3499.995	Outer_Full	28.95	30.84	/	Pass
	3534.99	Outer_Full	28.97	30.91	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	28.96	30.83	/	Pass
	3499.995	Outer_Full	28.91	30.84	/	Pass
	3534.99	Outer_Full	28.98	35.09	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	28.89	30.80	/	Pass
	3499.995	Outer_Full	28.88	30.80	/	Pass
	3534.99	Outer_Full	28.92	30.80	/	Pass
CP-OFDM QPSK	3465	Outer_Full	29.05	41.24	/	Pass
	3499.995	Outer_Full	29.12	42.86	/	Pass
	3534.99	Outer_Full	29.36	43.01	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	29.00	37.02	/	Pass
	3499.995	Outer_Full	29.04	36.96	/	Pass
	3534.99	Outer_Full	29.16	46.41	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	29.03	38.02	/	Pass
	3499.995	Outer_Full	29.00	37.68	/	Pass
	3534.99	Outer_Full	29.14	41.43	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.89	30.80	/	Pass
	3499.995	Outer_Full	28.82	30.78	/	Pass
	3534.99	Outer_Full	28.91	30.86	/	Pass

4.1.6 15k_SISO_40MHz_NTNV

5G NR n77d SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3470.01	Outer_Full	39.15	41.60	/	Pass
	3499.995	Outer_Full	39.04	41.55	/	Pass
	3529.995	Outer_Full	39.14	41.56	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	39.03	41.46	/	Pass
	3499.995	Outer_Full	39.02	41.65	/	Pass
	3529.995	Outer_Full	39.08	41.68	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	39.09	41.63	/	Pass

	3499.995	Outer_Full	39.18	41.58	/	Pass
	3529.995	Outer_Full	39.26	41.84	/	Pass
	3470.01	Outer_Full	39.11	41.51	/	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	39.07	41.49	/	Pass
	3529.995	Outer_Full	39.14	41.52	/	Pass
	3470.01	Outer_Full	39.25	58.33	/	Pass
CP-OFDM QPSK	3499.995	Outer_Full	39.29	56.40	/	Pass
	3529.995	Outer_Full	39.69	66.56	/	Pass
	3470.01	Outer_Full	39.15	46.47	/	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	39.25	48.69	/	Pass
	3529.995	Outer_Full	39.52	57.14	/	Pass
	3470.01	Outer_Full	39.14	46.57	/	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	39.12	49.29	/	Pass
	3529.995	Outer_Full	39.42	59.18	/	Pass
	3470.01	Outer_Full	39.05	41.55	/	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	39.06	41.50	/	Pass
	3529.995	Outer_Full	39.10	41.52	/	Pass

4.1.7 15k_SISO_50MHz_NTNV

5G NR n77d SCS=15kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3475.005	Outer_Full	48.62	51.80	/	Pass
	3499.995	Outer_Full	48.62	51.93	/	Pass
	3525	Outer_Full	48.70	51.88	/	Pass
DFT-s-OFDM 16 QAM	3475.005	Outer_Full	48.66	51.88	/	Pass
	3499.995	Outer_Full	48.55	51.90	/	Pass
	3525	Outer_Full	48.70	52.05	/	Pass
DFT-s-OFDM 64 QAM	3475.005	Outer_Full	48.63	52.11	/	Pass
	3499.995	Outer_Full	48.60	51.96	/	Pass
	3525	Outer_Full	48.78	56.43	/	Pass
DFT-s-OFDM 256 QAM	3475.005	Outer_Full	48.62	51.75	/	Pass
	3499.995	Outer_Full	48.62	51.84	/	Pass
	3525	Outer_Full	48.74	51.82	/	Pass
CP-OFDM QPSK	3475.005	Outer_Full	44.01	60.43	/	Pass
	3499.995	Outer_Full	44.03	58.38	/	Pass
	3525	Outer_Full	44.35	70.14	/	Pass
CP-OFDM 16 QAM	3475.005	Outer_Full	44.08	64.86	/	Pass
	3499.995	Outer_Full	44.11	64.54	/	Pass
	3525	Outer_Full	44.46	76.49	/	Pass
CP-OFDM 64 QAM	3475.005	Outer_Full	43.97	57.40	/	Pass
	3499.995	Outer_Full	43.91	54.23	/	Pass
	3525	Outer_Full	44.28	68.58	/	Pass
CP-OFDM 256 QAM	3475.005	Outer_Full	43.72	46.83	/	Pass
	3499.995	Outer_Full	43.68	46.73	/	Pass
	3525	Outer_Full	43.79	46.78	/	Pass

4.1.8 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 QPSK	3455.01	Outer_Full	8.90	9.89	/	Pass
	3500.01	Outer_Full	8.87	9.90	/	Pass
	3544.98	Outer_Full	8.83	9.77	/	Pass

DFT-s-OFDM 16 QAM	3455.01	Outer_Full	8.86	9.84	/	Pass
	3500.01	Outer_Full	8.92	10.06	/	Pass
	3544.98	Outer_Full	8.86	9.77	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	8.90	9.82	/	Pass
	3500.01	Outer_Full	8.88	9.74	/	Pass
	3544.98	Outer_Full	8.91	9.73	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	8.86	9.80	/	Pass
	3500.01	Outer_Full	8.87	9.64	/	Pass
	3544.98	Outer_Full	8.89	9.96	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.95	9.79	/	Pass
	3500.01	Outer_Full	8.98	9.93	/	Pass
	3544.98	Outer_Full	9.02	9.80	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.97	9.87	/	Pass
	3500.01	Outer_Full	8.86	9.86	/	Pass
	3544.98	Outer_Full	8.99	9.88	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.92	9.61	/	Pass
	3500.01	Outer_Full	8.90	9.60	/	Pass
	3544.98	Outer_Full	9.00	11.00	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.93	9.66	/	Pass
	3500.01	Outer_Full	8.85	9.81	/	Pass
	3544.98	Outer_Full	8.83	9.50	/	Pass

4.1.9 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 QPSK	3457.5	Outer_Full	13.36	14.87	/	Pass
	3500.01	Outer_Full	13.34	14.86	/	Pass
	3542.49	Outer_Full	13.39	14.71	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.34	14.73	/	Pass
	3500.01	Outer_Full	13.30	14.27	/	Pass
	3542.49	Outer_Full	13.43	14.65	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.44	14.37	/	Pass
	3500.01	Outer_Full	13.46	14.98	/	Pass
	3542.49	Outer_Full	13.47	14.66	/	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.33	14.57	/	Pass
	3500.01	Outer_Full	13.31	14.26	/	Pass
	3542.49	Outer_Full	13.36	14.54	/	Pass
CP-OFDM QPSK	3457.5	Outer_Full	14.10	15.37	/	Pass
	3500.01	Outer_Full	14.13	15.34	/	Pass
	3542.49	Outer_Full	14.32	15.20	/	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	14.09	15.29	/	Pass
	3500.01	Outer_Full	14.09	15.29	/	Pass
	3542.49	Outer_Full	14.16	15.48	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	14.07	14.86	/	Pass
	3500.01	Outer_Full	14.13	14.89	/	Pass
	3542.49	Outer_Full	14.12	15.39	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	14.06	15.20	/	Pass
	3500.01	Outer_Full	14.05	14.80	/	Pass
	3542.49	Outer_Full	14.05	15.12	/	Pass

4.1.10 30k_SISO_20MHz_NTNV

5G NR n77d SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.52	20.14	/	Pass
	3500.01	Outer_Full	18.51	20.14	/	Pass
	3540	Outer_Full	18.53	20.32	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.48	19.86	/	Pass
	3500.01	Outer_Full	18.45	20.21	/	Pass
	3540	Outer_Full	18.53	20.32	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.47	20.39	/	Pass
	3500.01	Outer_Full	18.54	20.28	/	Pass
	3540	Outer_Full	18.58	20.24	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.52	19.77	/	Pass
	3500.01	Outer_Full	18.49	19.52	/	Pass
	3540	Outer_Full	18.48	20.30	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.92	20.26	/	Pass
	3500.01	Outer_Full	18.98	20.61	/	Pass
	3540	Outer_Full	19.06	19.85	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	19.03	20.12	/	Pass
	3500.01	Outer_Full	18.92	20.25	/	Pass
	3540	Outer_Full	18.93	20.50	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	19.02	20.03	/	Pass
	3500.01	Outer_Full	18.91	19.98	/	Pass
	3540	Outer_Full	18.96	20.41	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.83	20.35	/	Pass
	3500.01	Outer_Full	18.82	20.25	/	Pass
	3540	Outer_Full	18.90	20.32	/	Pass

4.1.11 30k_SISO_25MHz_NTNV

5G NR n77d SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3462.51	Outer_Full	23.52	25.33	/	Pass
	3500.01	Outer_Full	23.59	25.07	/	Pass
	3537.48	Outer_Full	23.71	25.60	/	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer_Full	23.60	24.80	/	Pass
	3500.01	Outer_Full	23.55	25.75	/	Pass
	3537.48	Outer_Full	23.61	24.81	/	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer_Full	23.66	25.63	/	Pass
	3500.01	Outer_Full	23.66	25.60	/	Pass
	3537.48	Outer_Full	23.74	25.77	/	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer_Full	23.56	25.08	/	Pass
	3500.01	Outer_Full	23.55	24.84	/	Pass
	3537.48	Outer_Full	23.57	25.45	/	Pass
CP-OFDM QPSK	3462.51	Outer_Full	24.04	25.67	/	Pass
	3500.01	Outer_Full	24.03	26.17	/	Pass
	3537.48	Outer_Full	24.16	25.82	/	Pass
CP-OFDM 16 QAM	3462.51	Outer_Full	24.00	25.94	/	Pass
	3500.01	Outer_Full	24.00	25.17	/	Pass
	3537.48	Outer_Full	24.17	25.10	/	Pass
CP-OFDM 64 QAM	3462.51	Outer_Full	24.01	25.86	/	Pass
	3500.01	Outer_Full	23.99	25.69	/	Pass
	3537.48	Outer_Full	24.09	25.09	/	Pass
CP-OFDM 256 QAM	3462.51	Outer_Full	23.97	25.82	/	Pass
	3500.01	Outer_Full	23.88	25.56	/	Pass
	3537.48	Outer_Full	24.00	25.30	/	Pass

4.1.12 30k_SISO_30MHz_NTNV

5G NR n77d SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3465	Outer_Full	27.68	29.34	/	Pass
	3500.01	Outer_Full	27.75	29.27	/	Pass
	3534.99	Outer_Full	27.78	29.12	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	27.75	29.54	/	Pass
	3500.01	Outer_Full	27.83	29.49	/	Pass
	3534.99	Outer_Full	27.79	29.27	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	27.78	29.23	/	Pass
	3500.01	Outer_Full	27.74	29.35	/	Pass
	3534.99	Outer_Full	27.85	29.16	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	27.76	29.08	/	Pass
	3500.01	Outer_Full	27.67	29.04	/	Pass
	3534.99	Outer_Full	27.73	29.07	/	Pass
CP-OFDM QPSK	3465	Outer_Full	28.78	30.05	/	Pass
	3500.01	Outer_Full	28.78	30.07	/	Pass
	3534.99	Outer_Full	28.89	30.23	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.90	30.00	/	Pass
	3500.01	Outer_Full	28.85	29.99	/	Pass
	3534.99	Outer_Full	28.98	30.15	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	28.82	30.05	/	Pass
	3500.01	Outer_Full	28.78	30.12	/	Pass
	3534.99	Outer_Full	28.80	30.22	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.67	29.95	/	Pass
	3500.01	Outer_Full	28.67	30.02	/	Pass
	3534.99	Outer_Full	28.73	29.79	/	Pass

4.1.13 30k_SISO_40MHz_NTNV

5G NR n77d SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.98	39.07	/	Pass
	3500.01	Outer_Full	36.92	38.60	/	Pass
	3529.98	Outer_Full	36.90	38.65	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.93	38.88	/	Pass
	3500.01	Outer_Full	36.91	38.69	/	Pass
	3529.98	Outer_Full	37.00	38.89	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	37.06	38.95	/	Pass
	3500.01	Outer_Full	36.99	38.89	/	Pass
	3529.98	Outer_Full	37.00	38.85	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.95	38.61	/	Pass
	3500.01	Outer_Full	36.92	38.89	/	Pass
	3529.98	Outer_Full	36.97	38.67	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	39.21	40.88	/	Pass
	3500.01	Outer_Full	39.15	40.85	/	Pass
	3529.98	Outer_Full	39.39	40.79	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	39.10	40.87	/	Pass
	3500.01	Outer_Full	39.15	40.75	/	Pass
	3529.98	Outer_Full	39.26	40.72	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	39.10	40.81	/	Pass
	3500.01	Outer_Full	39.13	40.77	/	Pass
	3529.98	Outer_Full	39.28	40.78	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	39.05	40.61	/	Pass

	3500.01	Outer_Full	38.95	40.56	/	Pass
	3529.98	Outer_Full	39.05	40.59	/	Pass

4.1.14 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 QPSK	3475.02	Outer_Full	46.55	49.29	/	Pass
	3500.01	Outer_Full	47.11	49.40	/	Pass
	3525	Outer_Full	47.23	49.37	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	47.33	49.56	/	Pass
	3500.01	Outer_Full	47.24	49.48	/	Pass
	3525	Outer_Full	47.25	49.83	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	47.32	49.43	/	Pass
	3500.01	Outer_Full	47.22	49.43	/	Pass
	3525	Outer_Full	47.32	49.48	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	47.25	49.34	/	Pass
	3500.01	Outer_Full	47.24	49.26	/	Pass
	3525	Outer_Full	47.25	49.36	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	49.19	51.24	/	Pass
	3500.01	Outer_Full	49.11	51.15	/	Pass
	3525	Outer_Full	49.27	51.11	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	49.19	51.24	/	Pass
	3500.01	Outer_Full	48.98	51.24	/	Pass
	3525	Outer_Full	49.32	52.89	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	49.06	51.31	/	Pass
	3500.01	Outer_Full	48.96	51.14	/	Pass
	3525	Outer_Full	49.15	51.24	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	48.83	50.92	/	Pass
	3500.01	Outer_Full	48.79	50.74	/	Pass
	3525	Outer_Full	48.85	50.80	/	Pass

4.1.15 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 QPSK	3480	Outer_Full	59.78	62.55	/	Pass
	3500.01	Outer_Full	59.71	62.48	/	Pass
	3519.99	Outer_Full	59.76	62.34	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	59.52	62.36	/	Pass
	3500.01	Outer_Full	59.52	62.30	/	Pass
	3519.99	Outer_Full	59.64	62.34	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	59.55	62.35	/	Pass
	3500.01	Outer_Full	59.71	62.45	/	Pass
	3519.99	Outer_Full	59.65	62.21	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	59.69	62.28	/	Pass
	3500.01	Outer_Full	59.67	62.26	/	Pass
	3519.99	Outer_Full	59.67	62.26	/	Pass
CP-OFDM QPSK	3480	Outer_Full	59.65	62.38	/	Pass
	3500.01	Outer_Full	59.58	62.49	/	Pass
	3519.99	Outer_Full	59.81	62.26	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	59.66	62.41	/	Pass
	3500.01	Outer_Full	59.68	62.35	/	Pass
	3519.99	Outer_Full	59.78	62.38	/	Pass

CP-OFDM 64 QAM	3480	Outer_Full	59.69	62.42	/	Pass
	3500.01	Outer_Full	59.72	62.39	/	Pass
	3519.99	Outer_Full	59.65	62.17	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	59.69	62.06	/	Pass
	3500.01	Outer_Full	59.54	62.17	/	Pass
	3519.99	Outer_Full	59.62	61.94	/	Pass

4.1.16 30k_SISO_70MHz_NTNV

5G NR n77d SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3485.01	Outer_Full	66.57	69.75	/	Pass
	3500.01	Outer_Full	66.48	69.66	/	Pass
	3514.98	Outer_Full	65.21	69.19	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	66.42	69.56	/	Pass
	3500.01	Outer_Full	66.51	69.56	/	Pass
	3514.98	Outer_Full	66.66	69.43	/	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	66.40	69.51	/	Pass
	3500.01	Outer_Full	66.52	69.65	/	Pass
	3514.98	Outer_Full	65.38	69.30	/	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	66.56	69.49	/	Pass
	3500.01	Outer_Full	66.59	69.43	/	Pass
	3514.98	Outer_Full	66.44	69.18	/	Pass
CP-OFDM QPSK	3485.01	Outer_Full	70.06	72.99	/	Pass
	3500.01	Outer_Full	70.11	73.02	/	Pass
	3514.98	Outer_Full	70.11	72.80	/	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	69.95	73.00	/	Pass
	3500.01	Outer_Full	70.02	73.18	/	Pass
	3514.98	Outer_Full	68.81	83.67	/	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	69.97	73.07	/	Pass
	3500.01	Outer_Full	70.01	73.00	/	Pass
	3514.98	Outer_Full	69.39	71.50	/	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	69.71	72.63	/	Pass
	3500.01	Outer_Full	69.69	72.40	/	Pass
	3514.98	Outer_Full	69.56	72.13	/	Pass

4.1.17 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 QPSK	3490.02	Outer_Full	79.59	83.23	/	Pass
	3500.01	Outer_Full	77.72	83.83	/	Pass
	3510	Outer_Full	77.82	82.81	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	79.48	83.22	/	Pass
	3500.01	Outer_Full	77.80	82.68	/	Pass
	3510	Outer_Full	78.09	82.95	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	79.71	83.18	/	Pass
	3500.01	Outer_Full	79.59	82.86	/	Pass
	3510	Outer_Full	79.66	82.46	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	79.61	82.89	/	Pass
	3500.01	Outer_Full	78.39	82.90	/	Pass
	3510	Outer_Full	77.82	82.75	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	79.87	83.13	/	Pass
	3500.01	Outer_Full	79.96	83.52	/	Pass

	3510	Outer_Full	78.03	95.98	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	78.91	82.55	/	Pass
	3500.01	Outer_Full	78.22	102.89	/	Pass
	3510	Outer_Full	80.33	83.21	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	80.17	83.62	/	Pass
	3500.01	Outer_Full	78.20	83.11	/	Pass
	3510	Outer_Full	78.19	104.31	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	80.17	83.29	/	Pass
	3500.01	Outer_Full	78.38	82.54	/	Pass
	3510	Outer_Full	78.04	83.10	/	Pass

4.1.18 30k_SISO_90MHz_NTNV

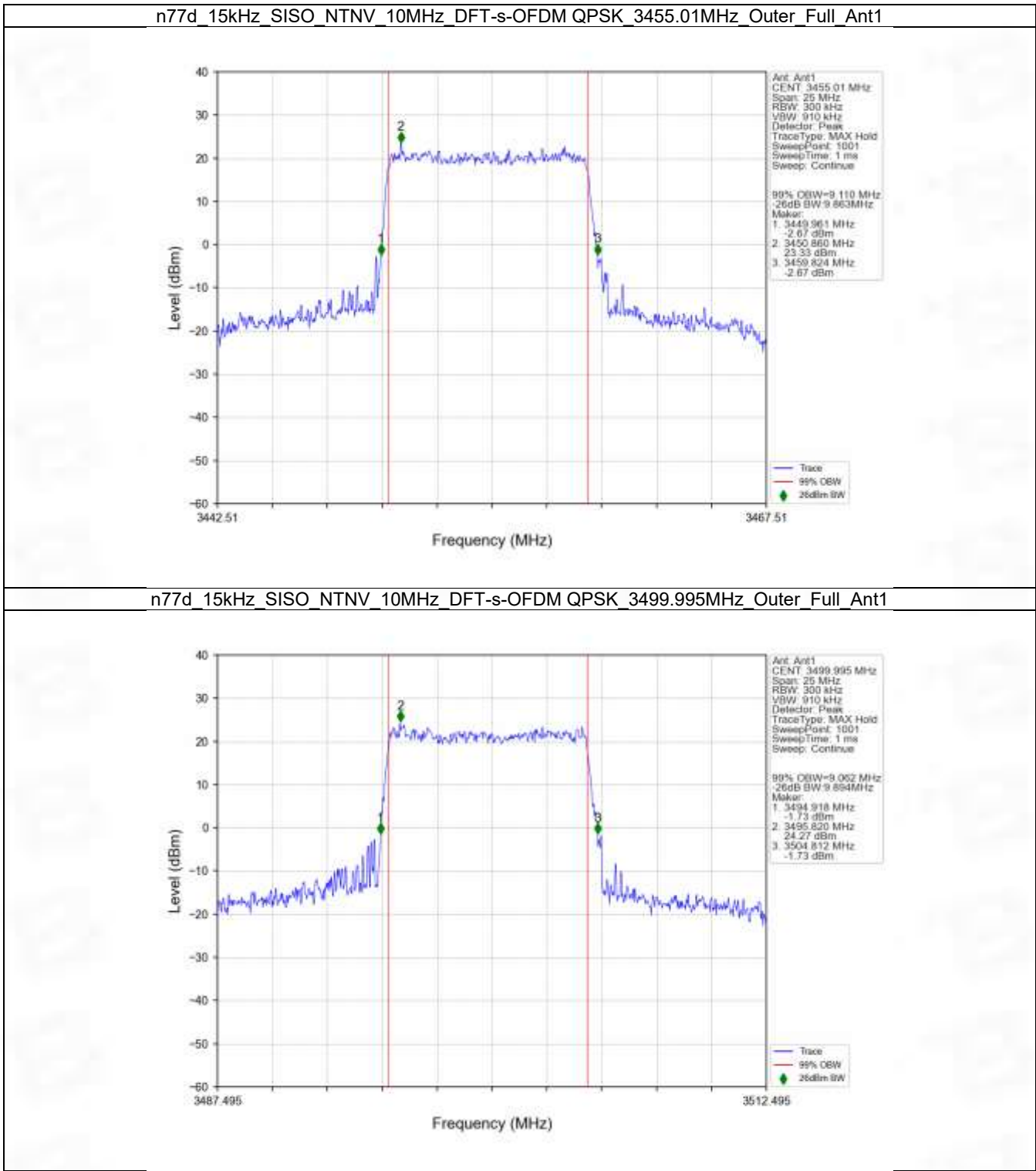
5G NR n77d SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3495	Outer_Full	87.27	93.13	/	Pass
	3500.01	Outer_Full	87.66	92.93	/	Pass
	3504.99	Outer_Full	87.19	92.81	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	87.34	93.19	/	Pass
	3500.01	Outer_Full	87.12	92.80	/	Pass
	3504.99	Outer_Full	87.60	93.04	/	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	87.45	92.91	/	Pass
	3500.01	Outer_Full	87.31	93.37	/	Pass
	3504.99	Outer_Full	88.66	91.89	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	87.53	94.52	/	Pass
	3500.01	Outer_Full	87.12	92.19	/	Pass
	3504.99	Outer_Full	87.33	93.01	/	Pass
CP-OFDM QPSK	3495	Outer_Full	88.55	101.01	/	Pass
	3500.01	Outer_Full	88.37	111.88	/	Pass
	3504.99	Outer_Full	90.31	103.97	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	88.09	92.59	/	Pass
	3500.01	Outer_Full	90.24	94.72	/	Pass
	3504.99	Outer_Full	88.53	96.08	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	90.14	93.86	/	Pass
	3500.01	Outer_Full	88.15	104.87	/	Pass
	3504.99	Outer_Full	90.37	98.78	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	87.67	92.19	/	Pass
	3500.01	Outer_Full	88.19	94.14	/	Pass
	3504.99	Outer_Full	87.57	93.71	/	Pass

4.1.19 30k_SISO_100MHz_NTNV

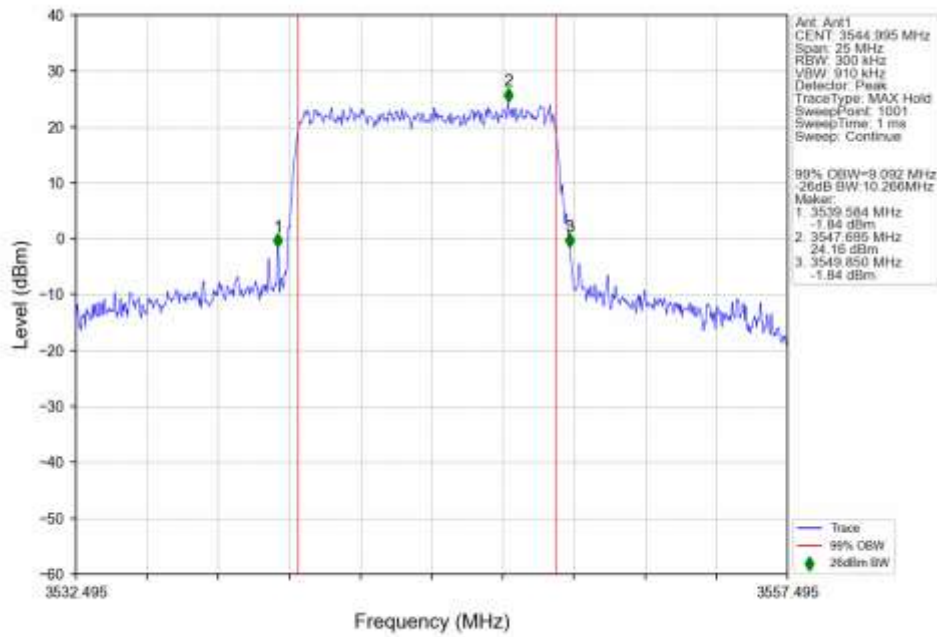
5G NR n77d SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3500.01	Outer_Full	98.75	102.28	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	99.01	101.95	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.82	103.76	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.97	103.29	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.44	149.03	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.49	117.21	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	100.50	110.27	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.85	104.75	/	Pass

4.2 Test Graph

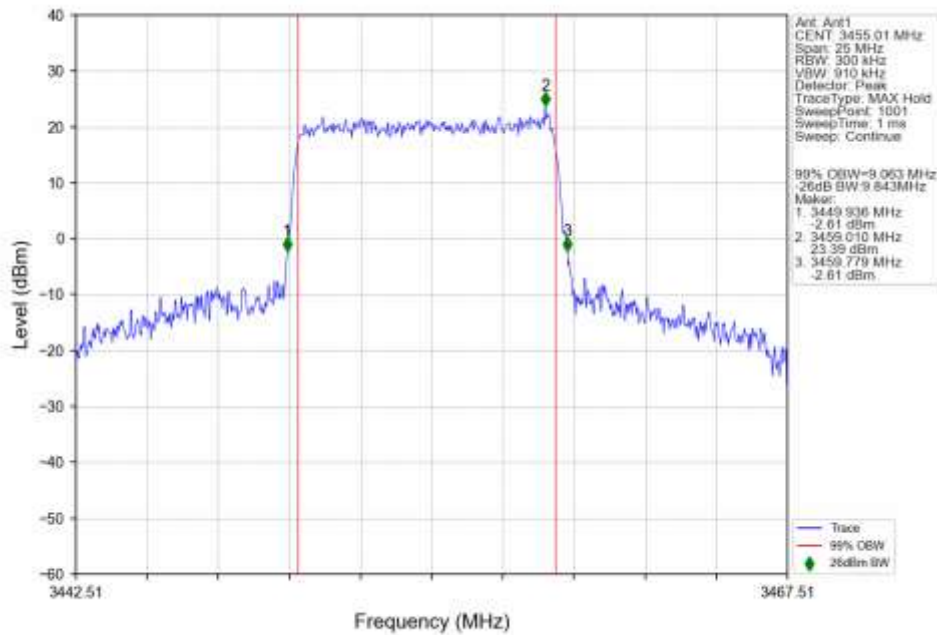
4.2.1 15k_SISO_10MHz_NTNV



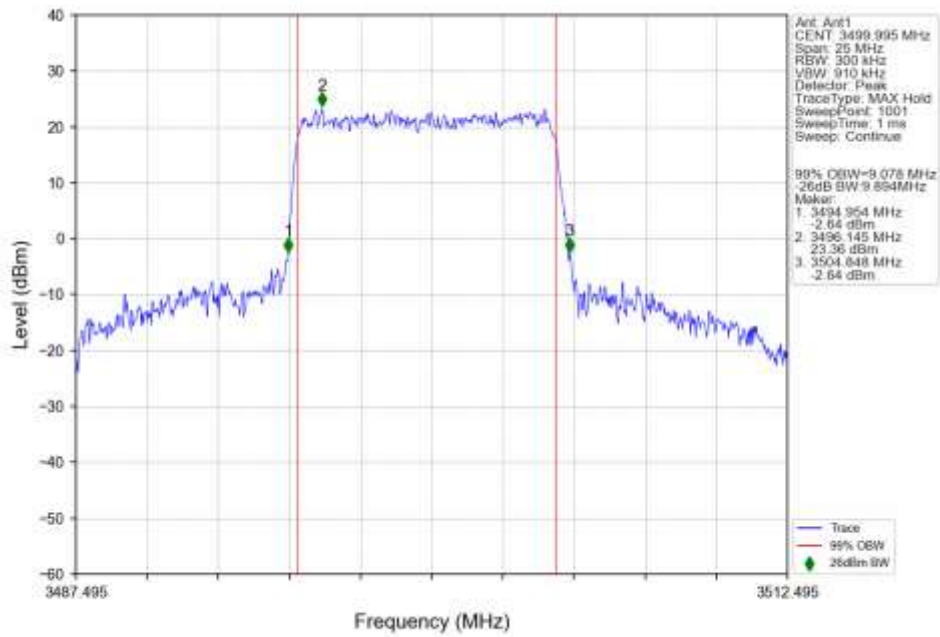
n77d 15kHz SISO NTNv 10MHz DFT-s-OFDM QPSK 3544.995MHz Outer Full Ant1



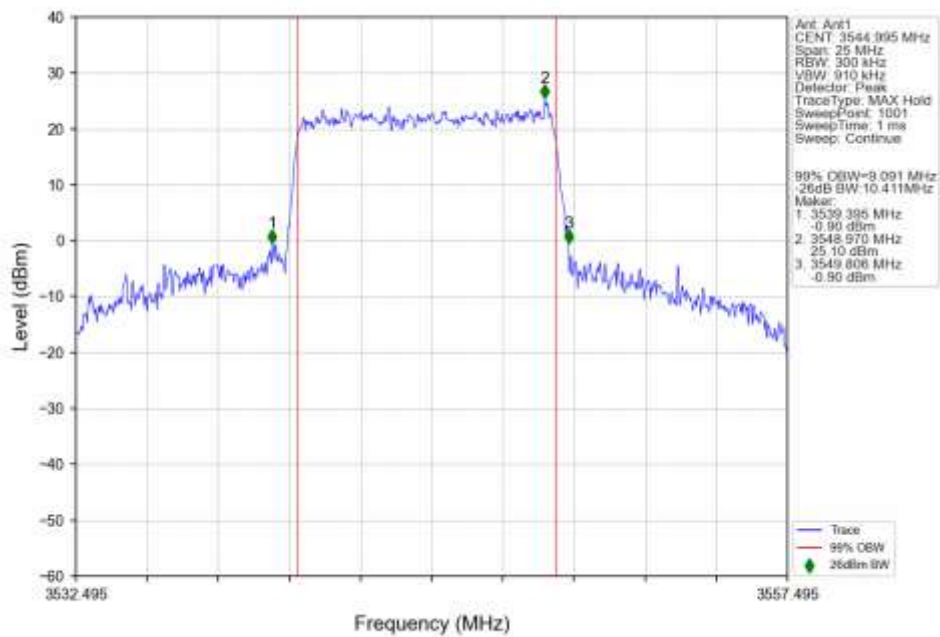
n77d 15kHz SISO NTNv 10MHz DFT-s-OFDM 16 QAM 3455.01MHz Outer Full Ant1



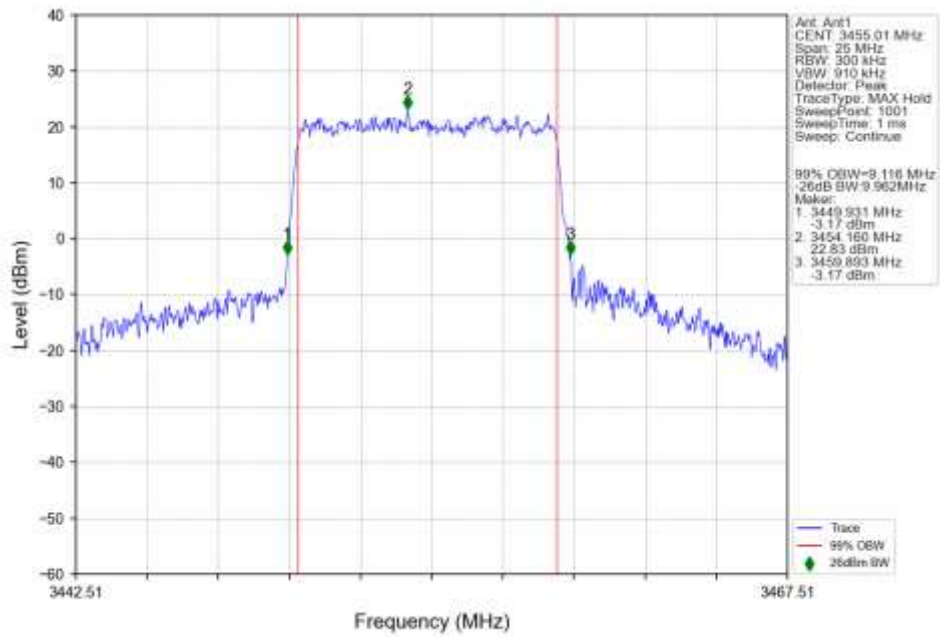
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3499.995MHz Outer Full Ant1



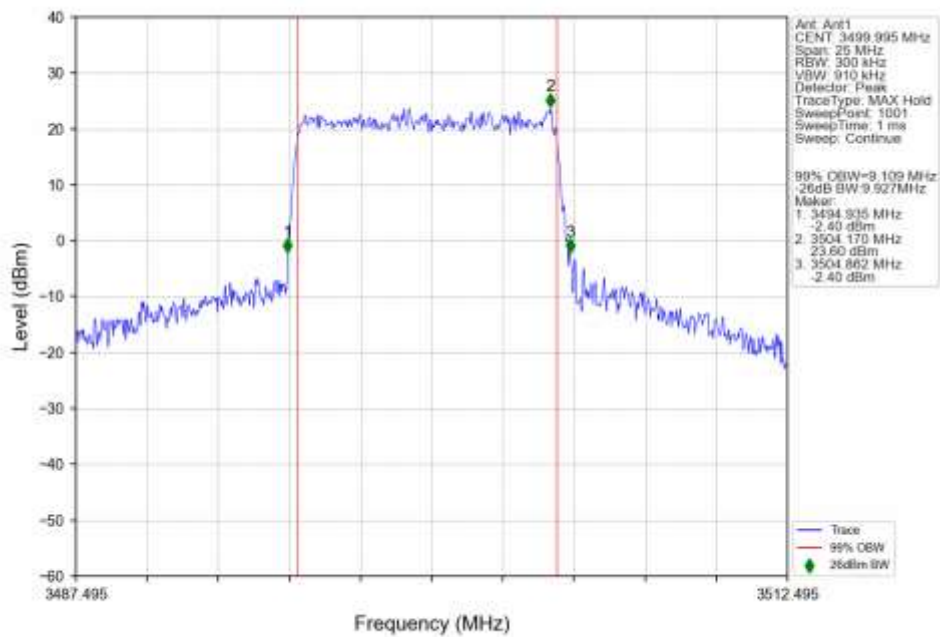
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3544.995MHz Outer Full Ant1



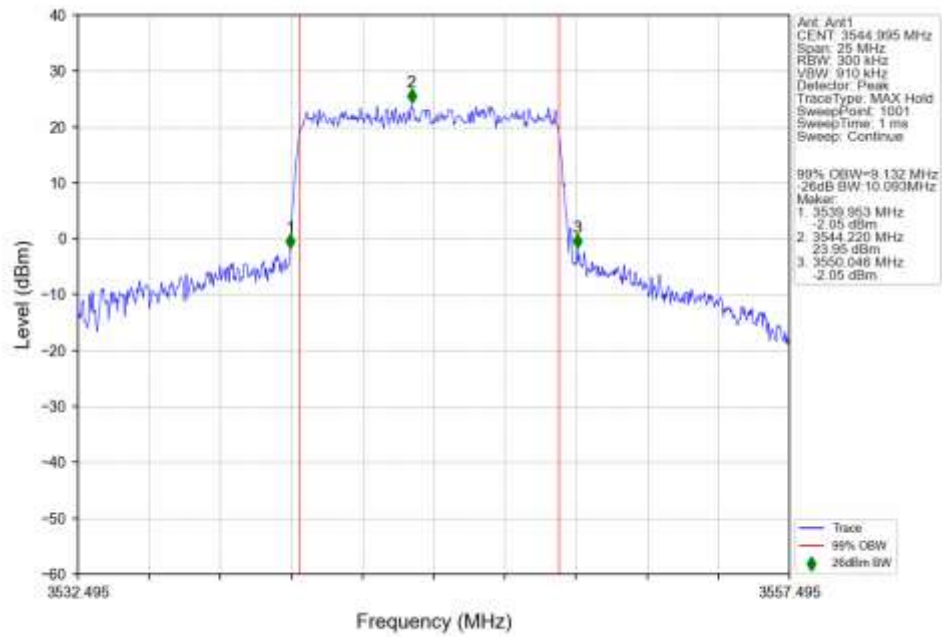
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3455.01MHz Outer Full Ant1



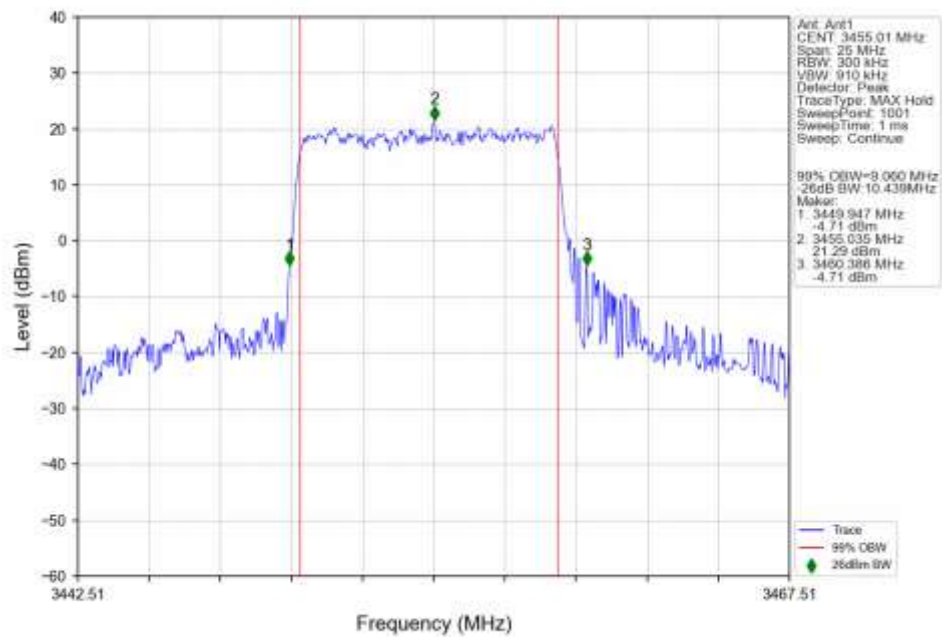
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



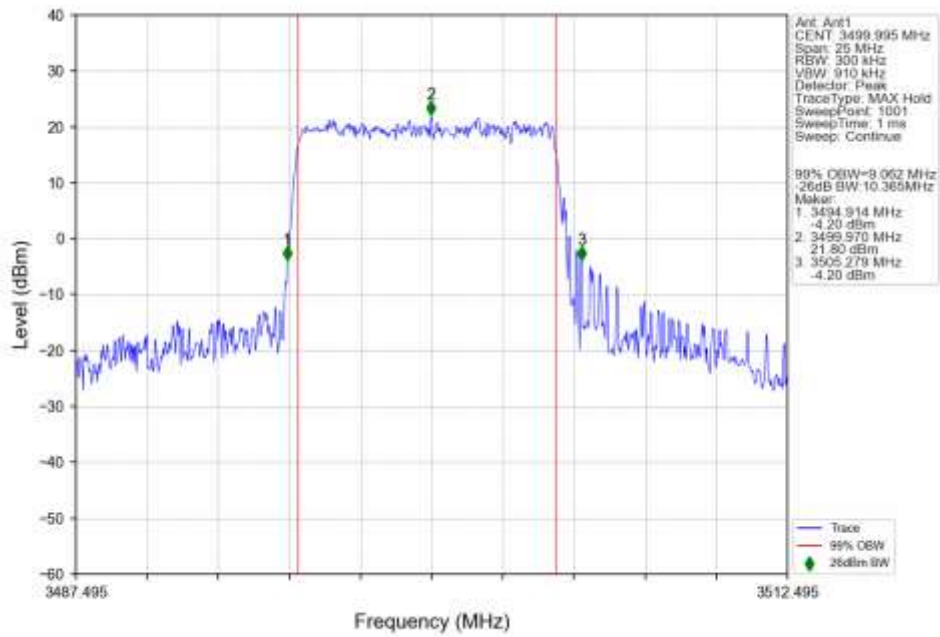
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3544.995MHz Outer Full Ant1



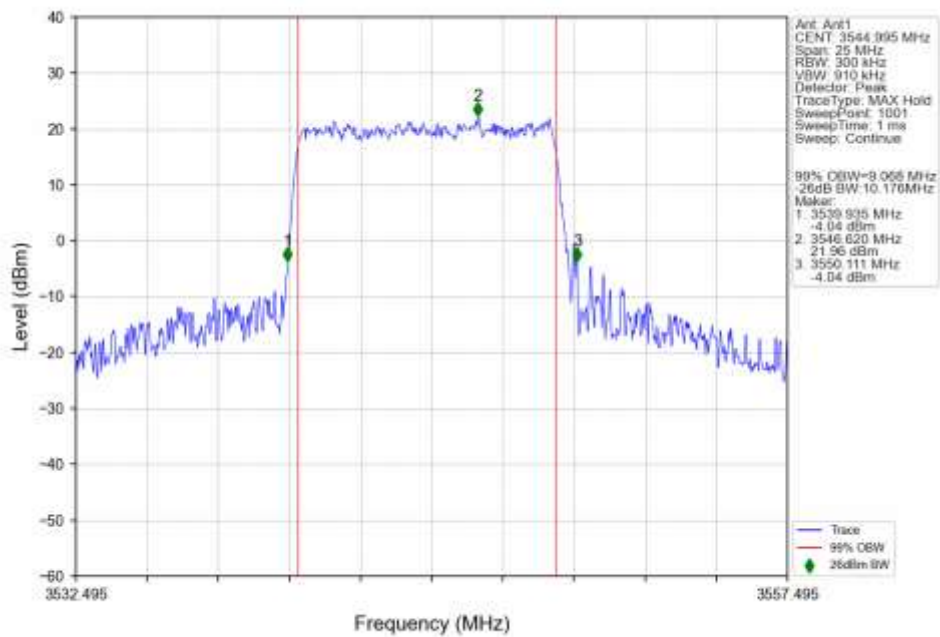
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3455.01MHz Outer Full Ant1



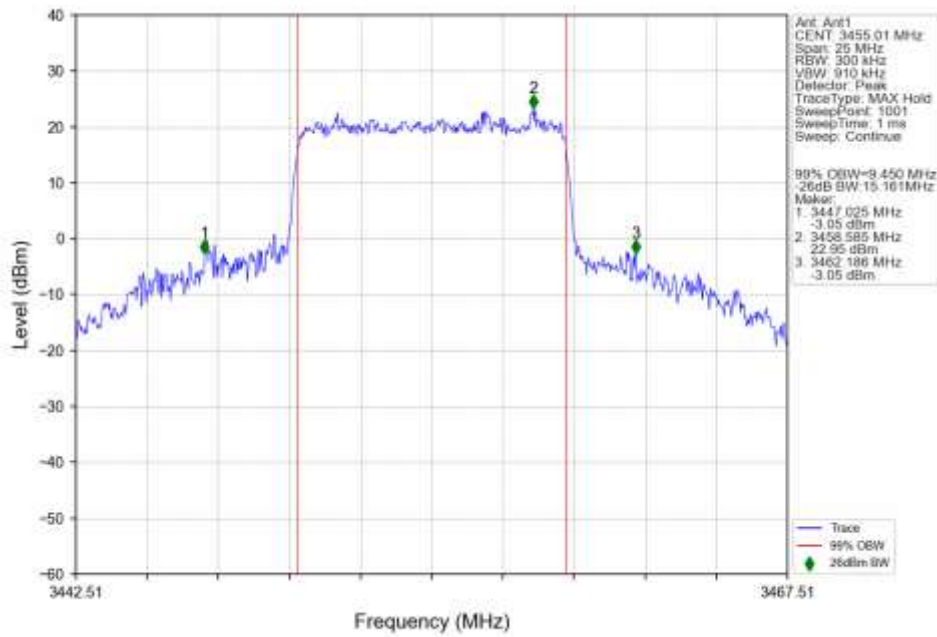
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



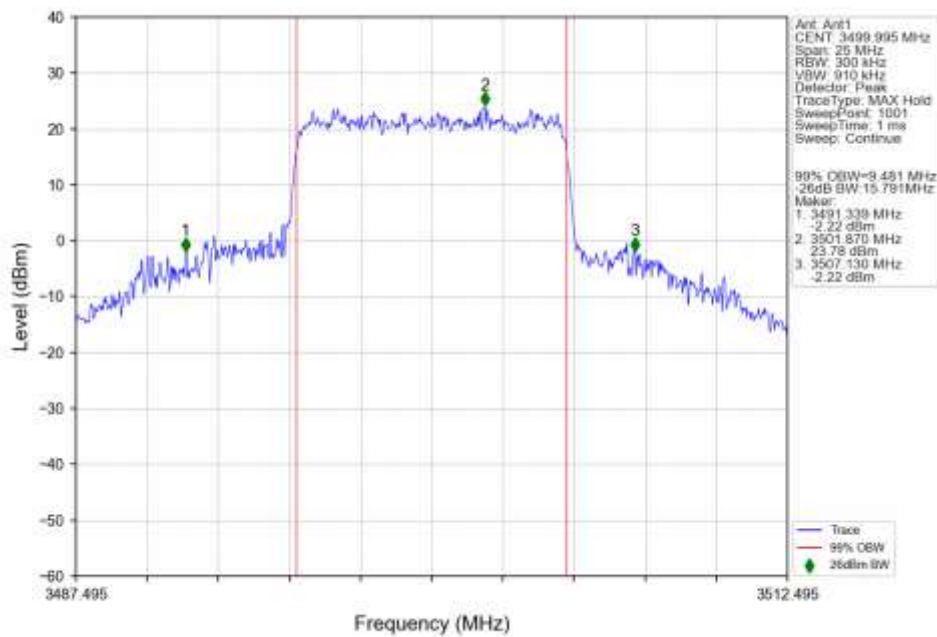
n77d 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3544.995MHz Outer Full Ant1



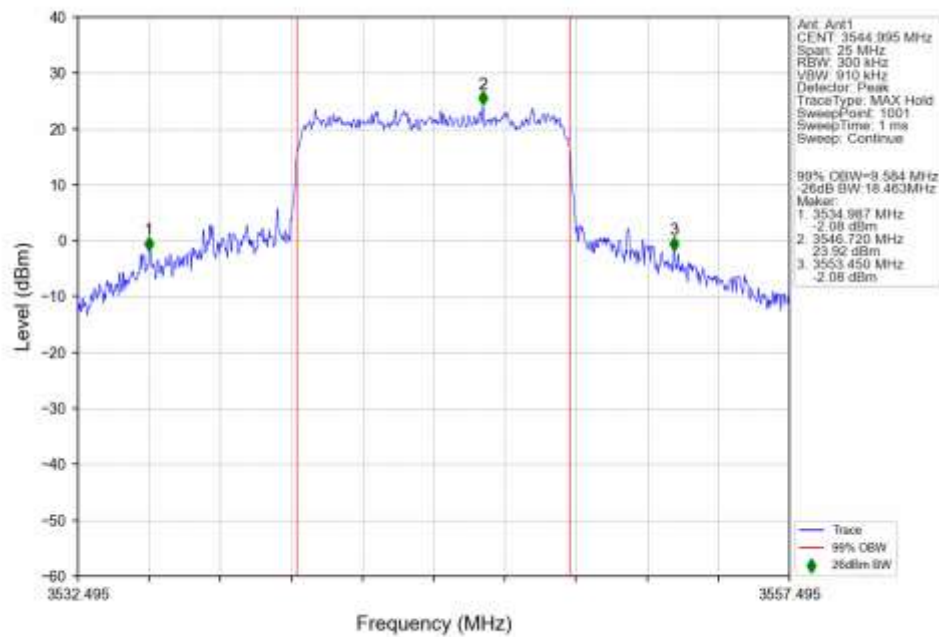
n77d 15kHz SISO NTN 10MHz CP-OFDM QPSK 3455.01MHz Outer Full Ant1



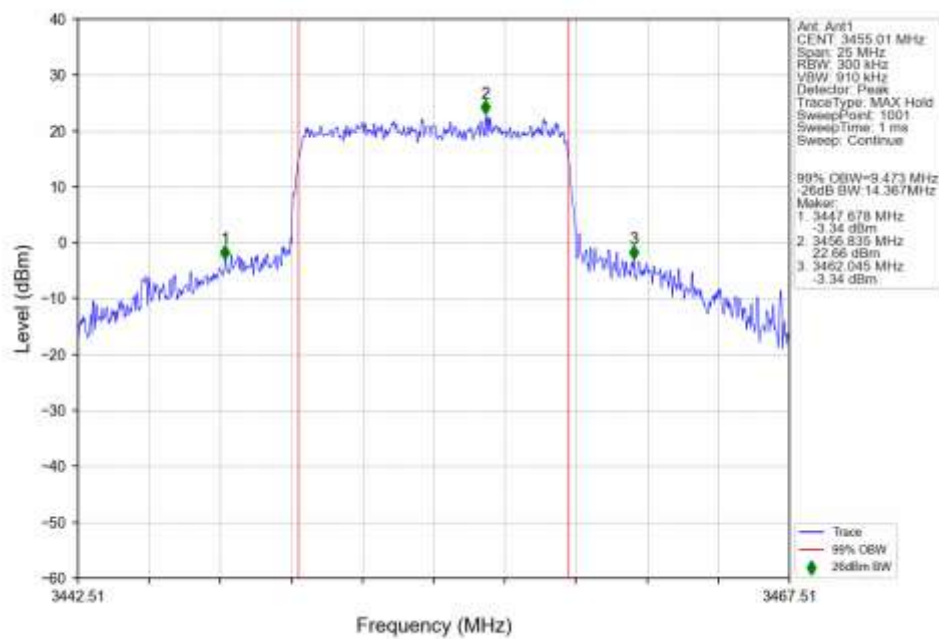
n77d 15kHz SISO NTN 10MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



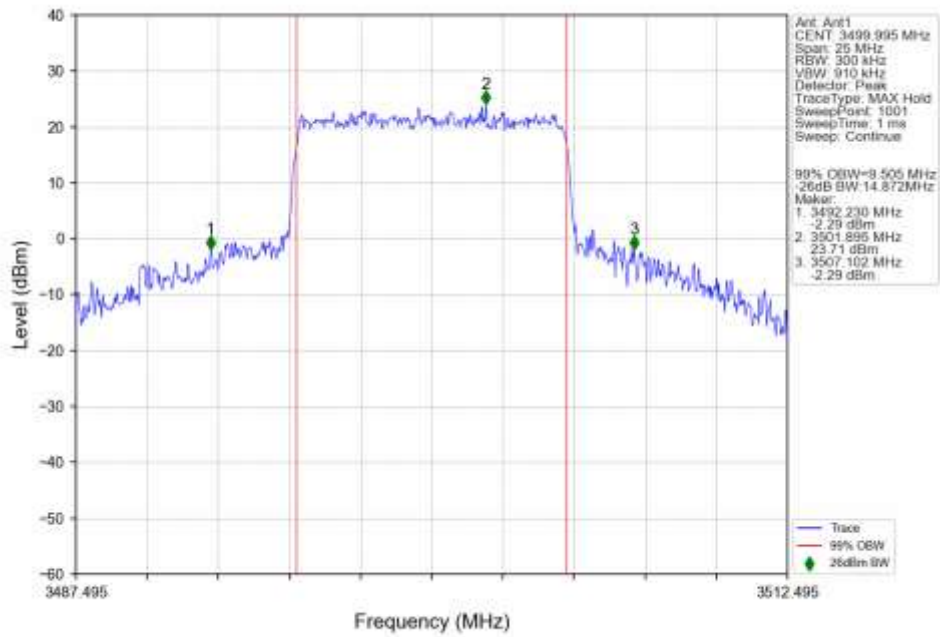
n77d 15kHz SISO NTN 10MHz CP-OFDM QPSK 3544.995MHz Outer Full Ant1



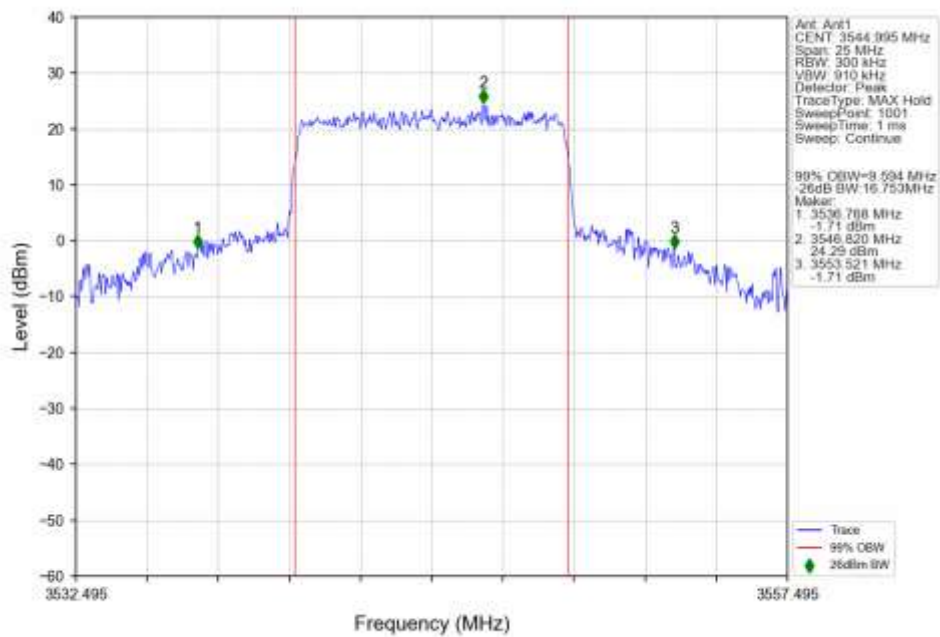
n77d 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 3455.01MHz Outer Full Ant1



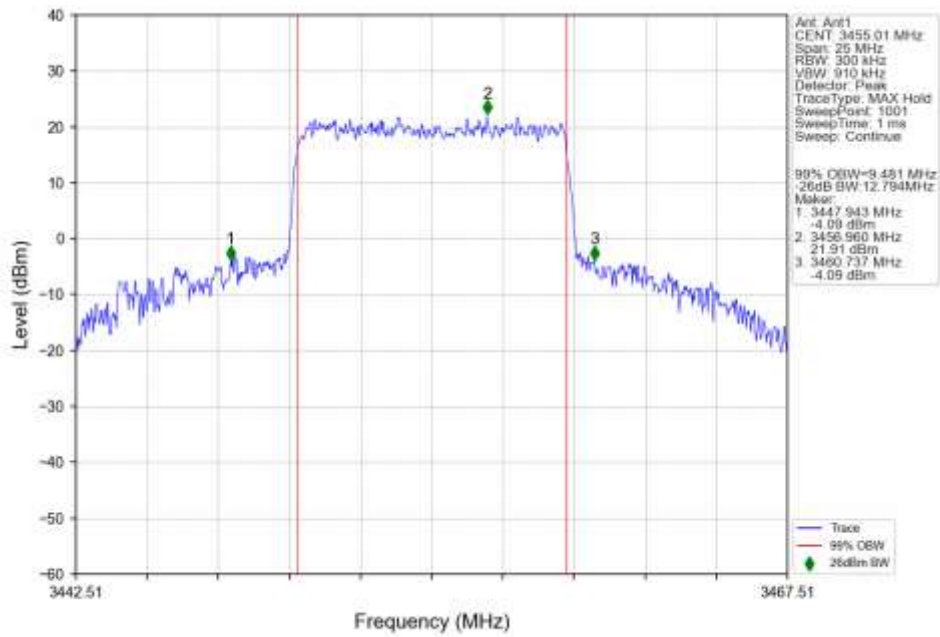
n77d 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1



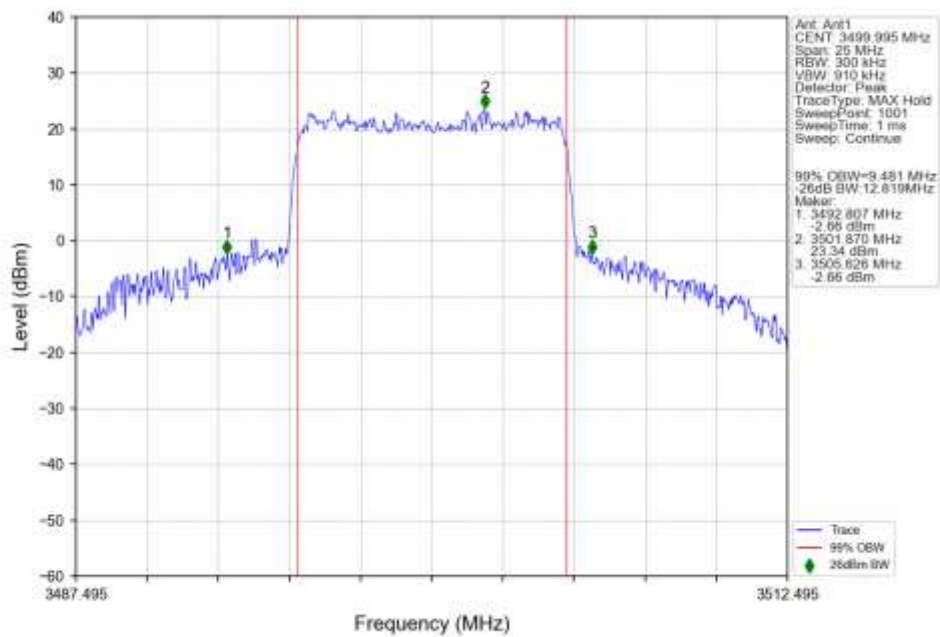
n77d 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 3544.995MHz Outer Full Ant1



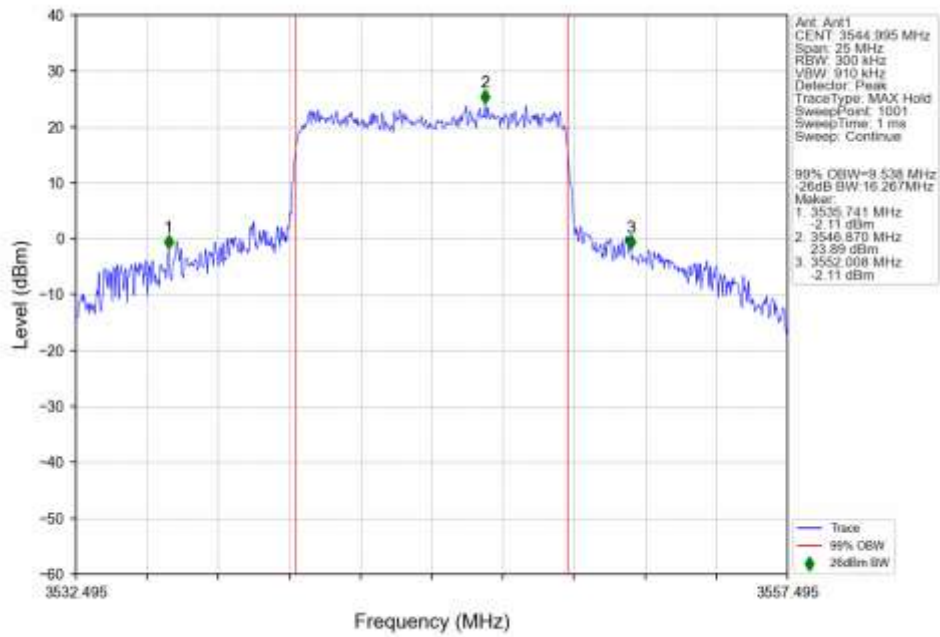
n77d 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 3455.01MHz Outer Full Ant1



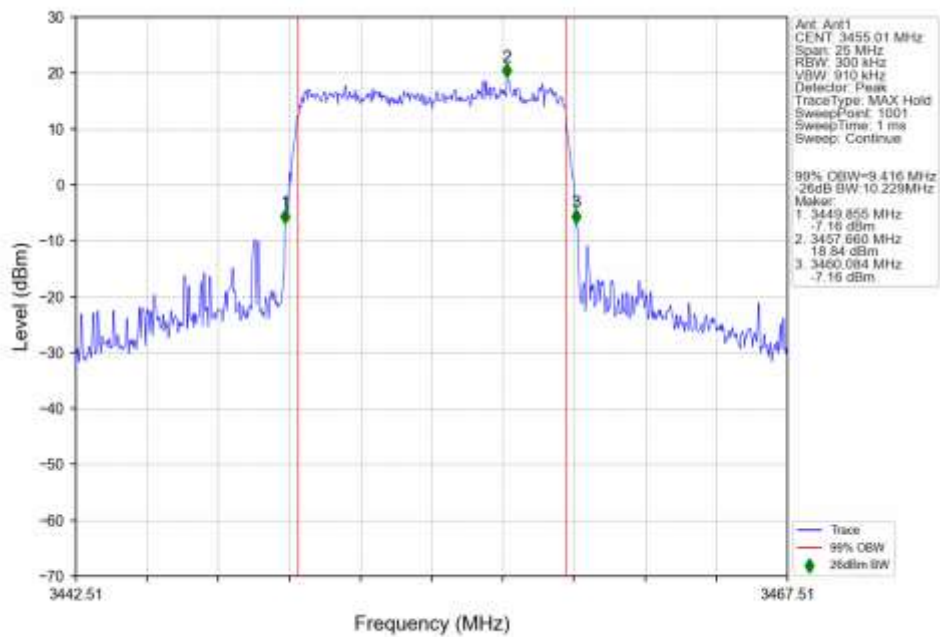
n77d 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 3499.995MHz Outer Full Ant1



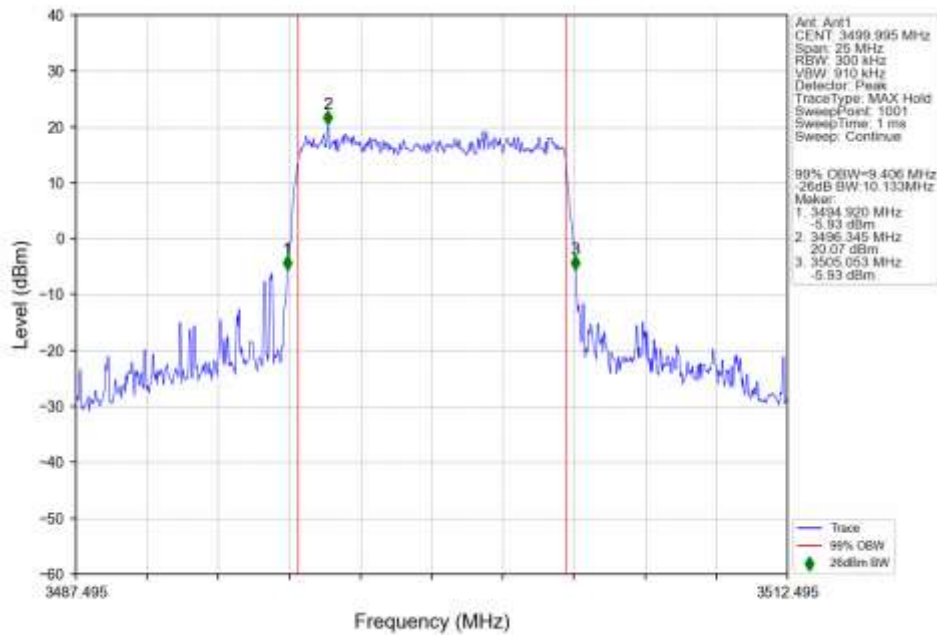
n77d 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 3544.995MHz Outer Full Ant1



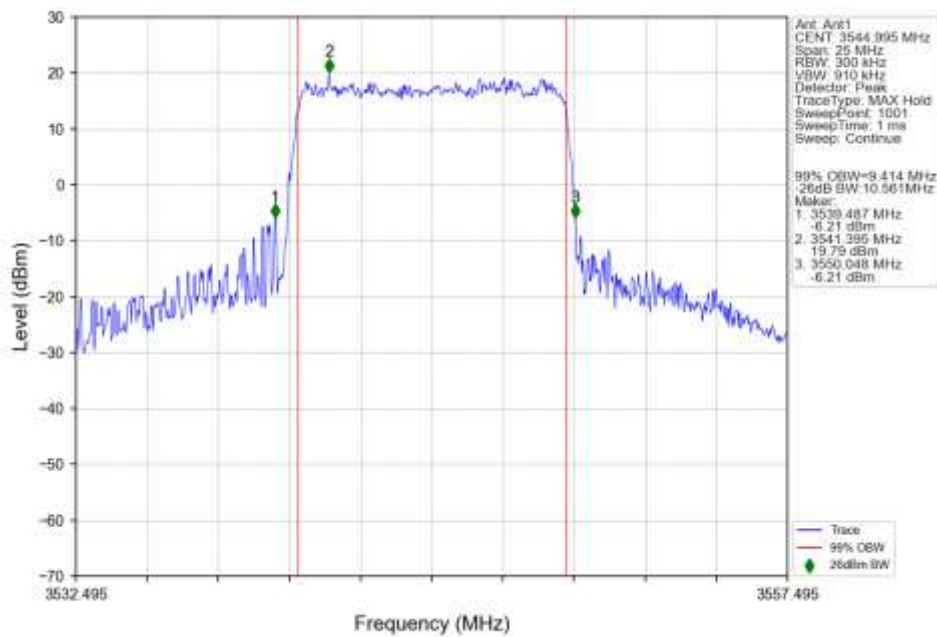
n77d 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 3455.01MHz Outer Full Ant1



n77d 15kHz SISO NTNv 10MHz CP-OFDM 256 QAM 3499.995MHz Outer Full Ant1

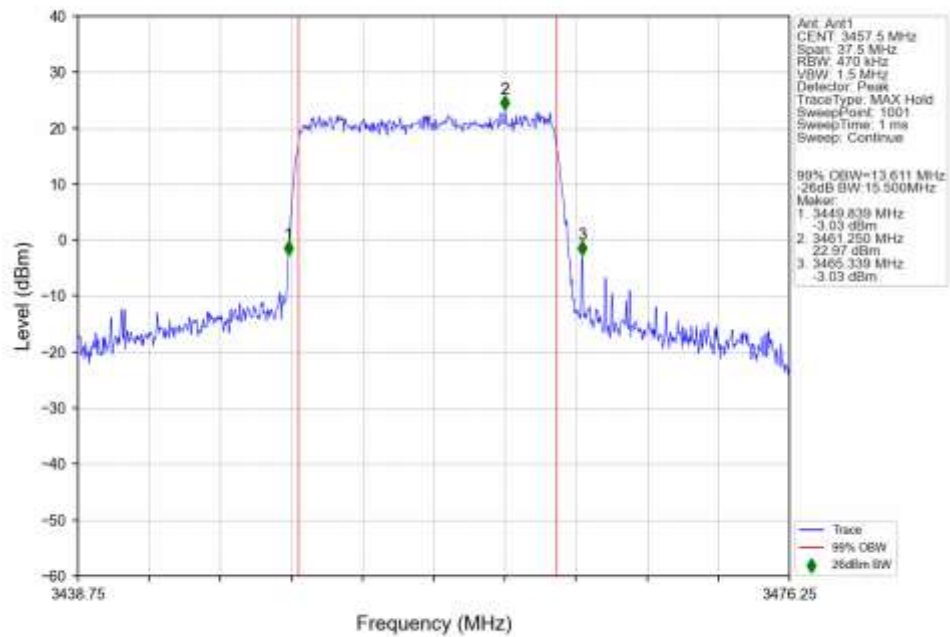


n77d 15kHz SISO NTNv 10MHz CP-OFDM 256 QAM 3544.995MHz Outer Full Ant1

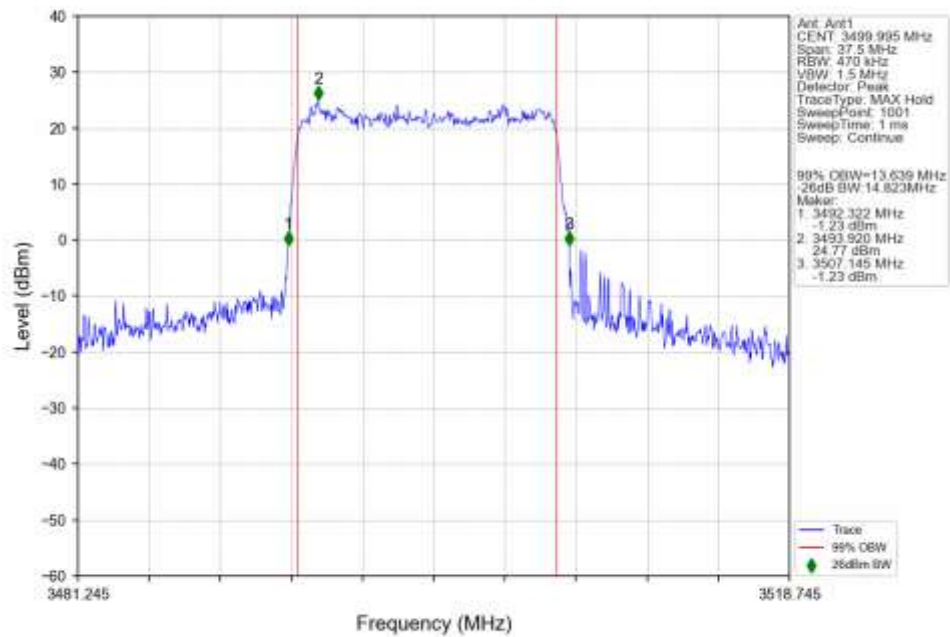


4.2.2 15k_SISO_15MHz_NTNV

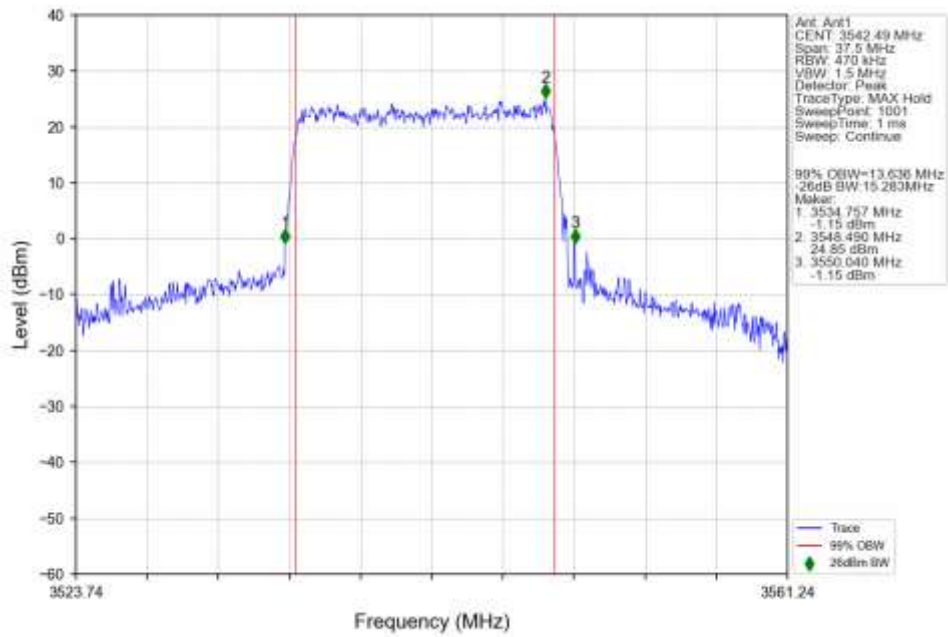
n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3457.5MHz_Outer_Full_Ant1



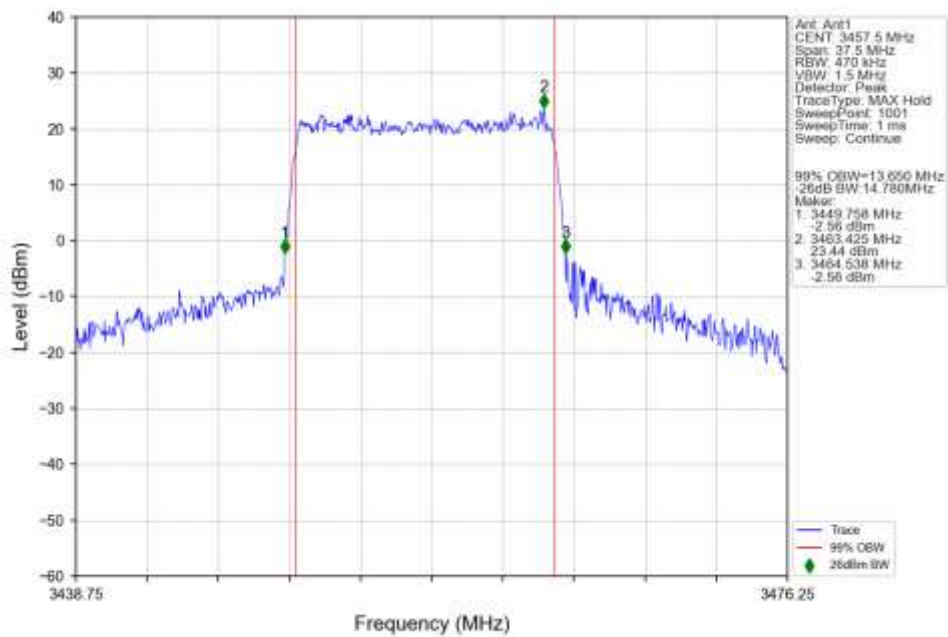
n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3499.995MHz_Outer_Full_Ant1



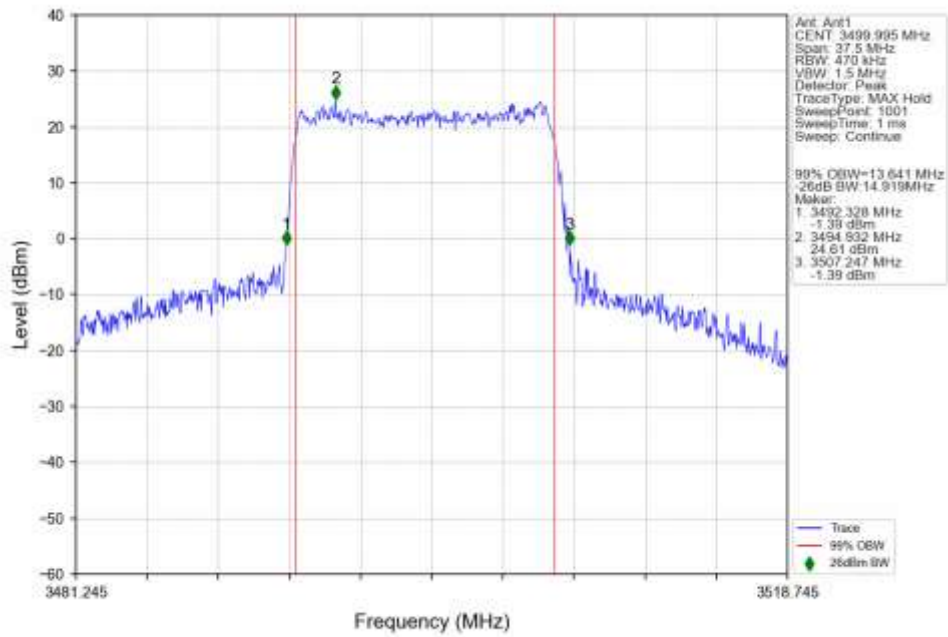
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 3542.49MHz Outer Full Ant1



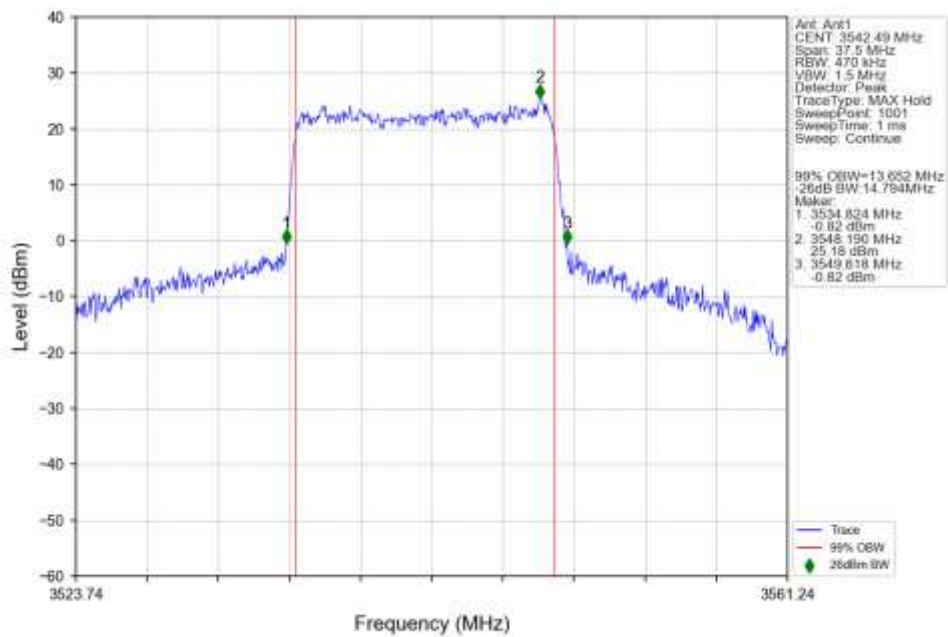
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3457.5MHz Outer Full Ant1



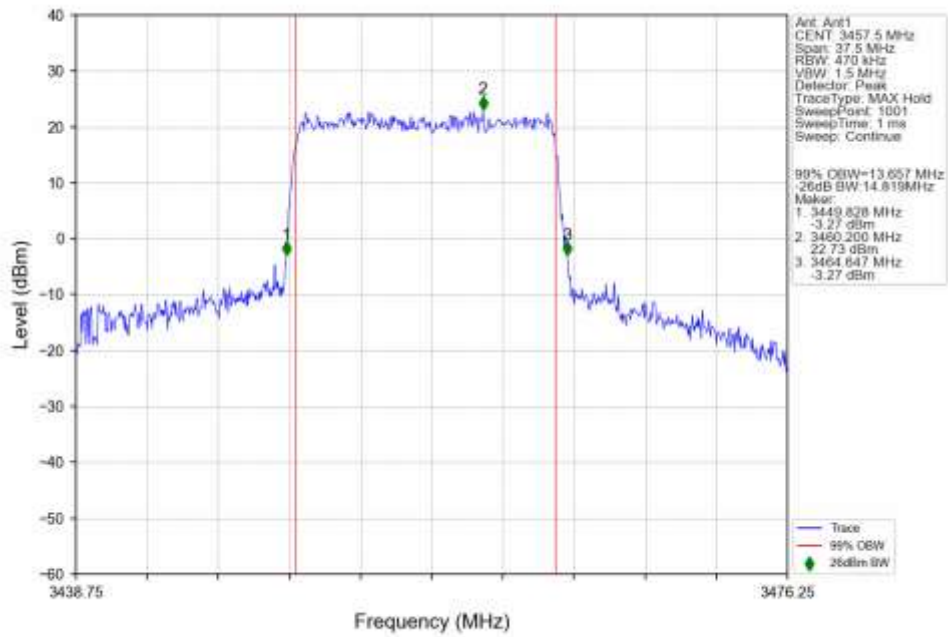
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3499.995MHz Outer Full Ant1



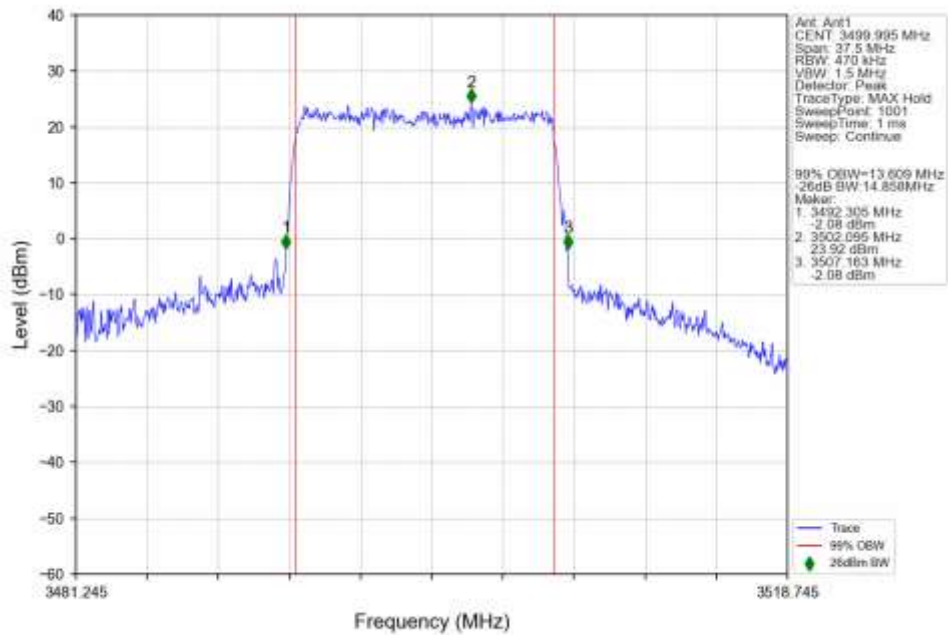
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3542.49MHz Outer Full Ant1



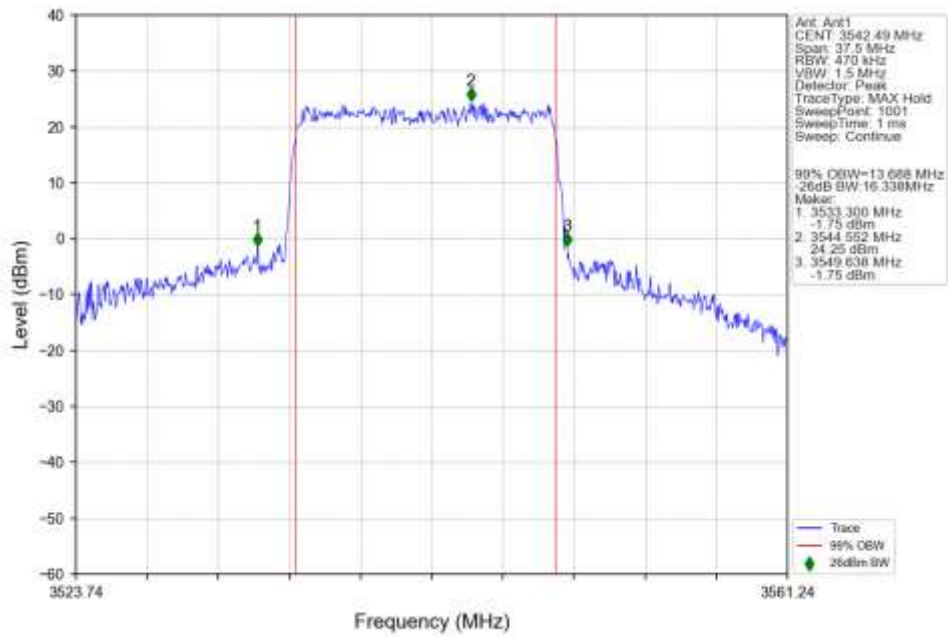
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3457.5MHz Outer Full Ant1



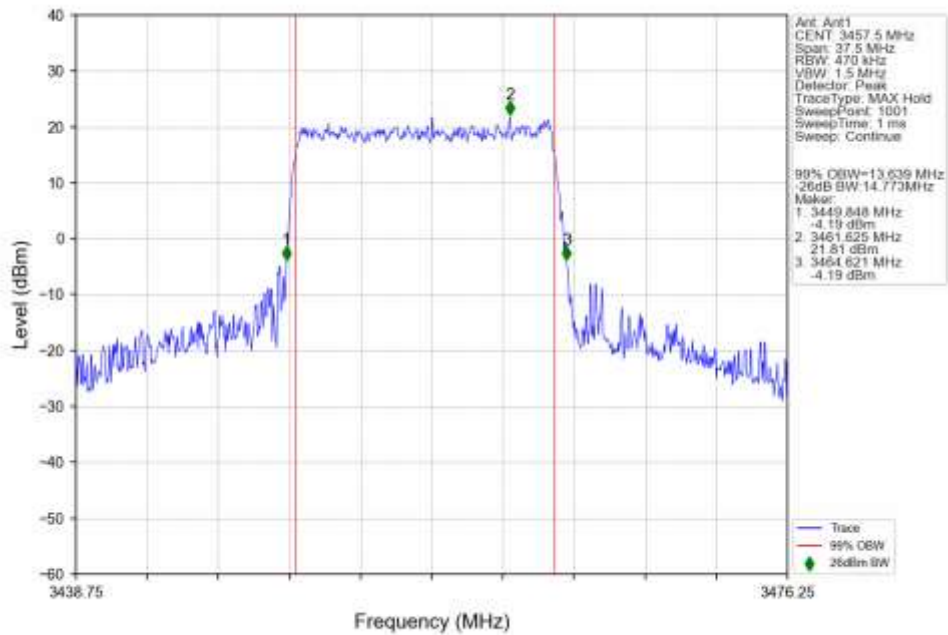
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



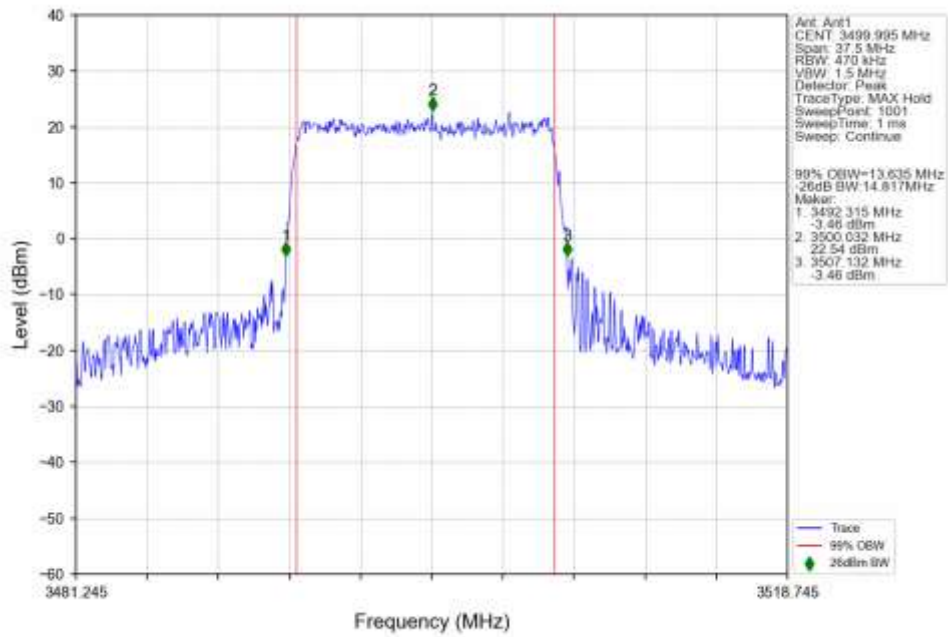
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3542.49MHz Outer Full Ant1



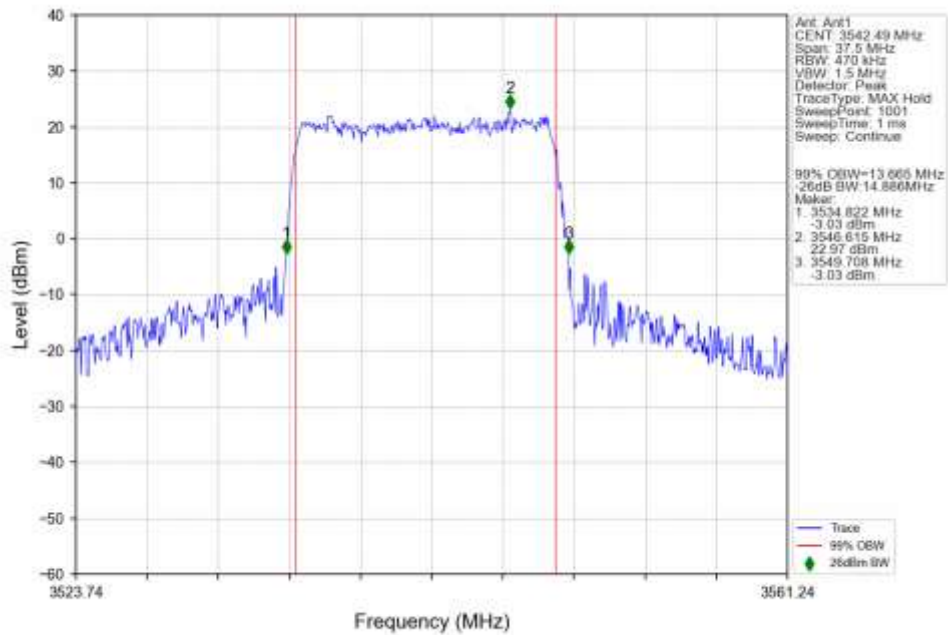
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3457.5MHz Outer Full Ant1



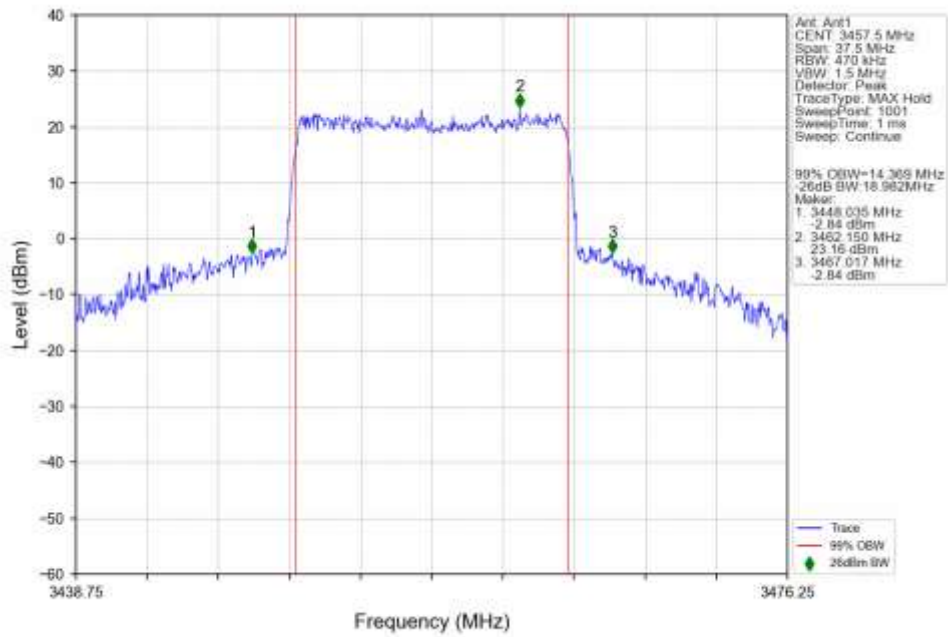
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



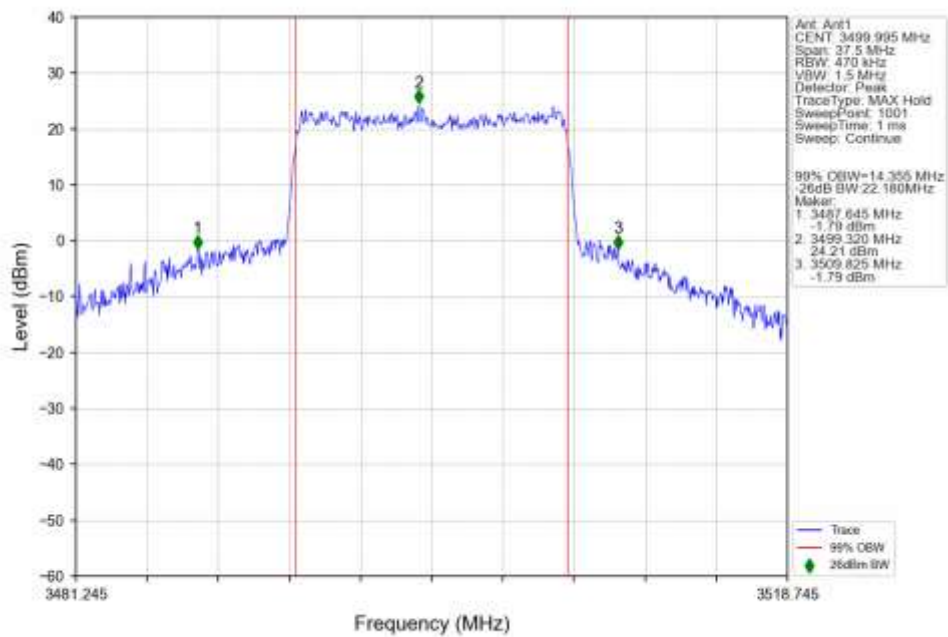
n77d 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3542.49MHz Outer Full Ant1



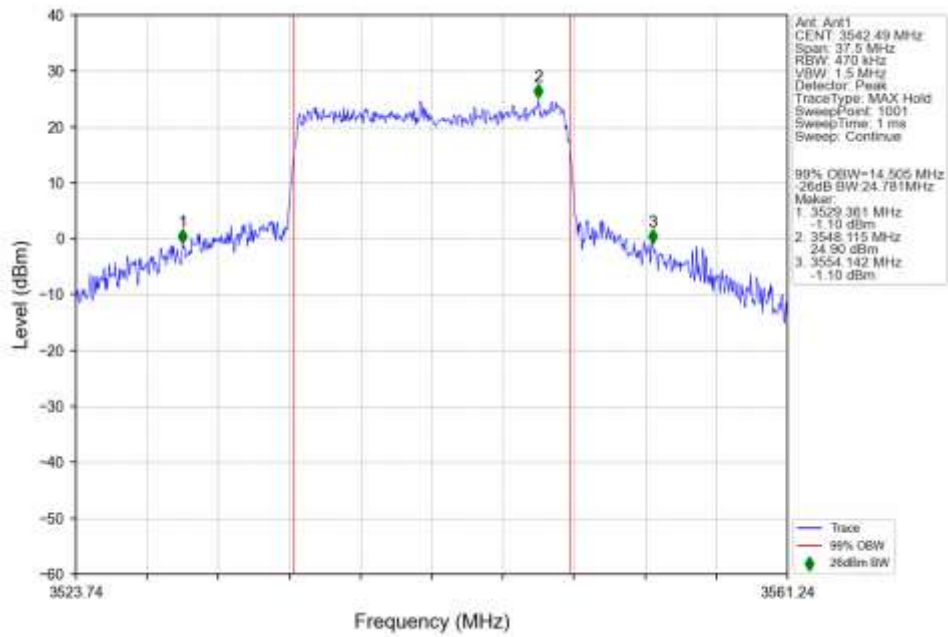
n77d 15kHz SISO NTV 15MHz CP-OFDM QPSK 3457.5MHz Outer Full Ant1



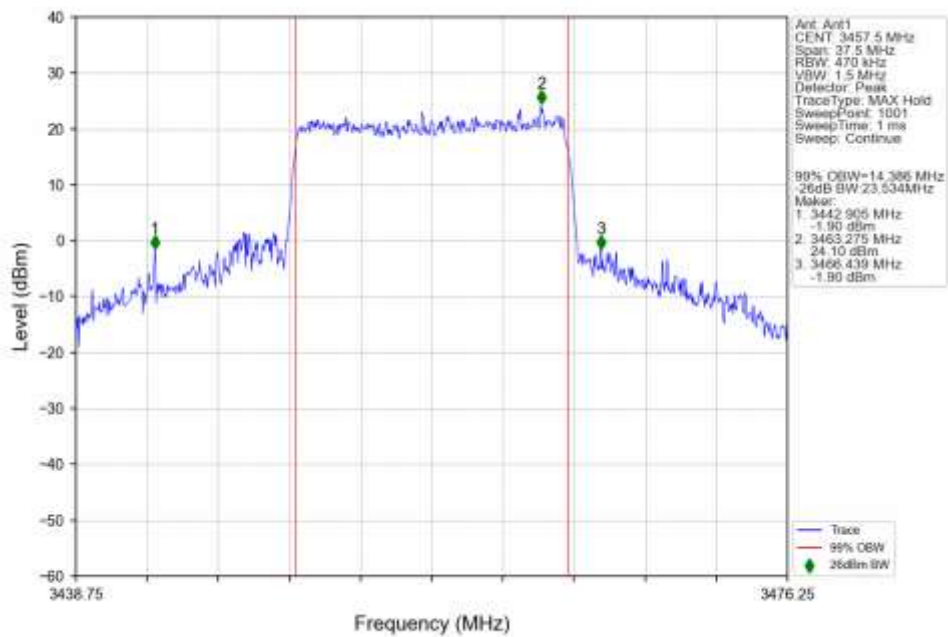
n77d 15kHz SISO NTV 15MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



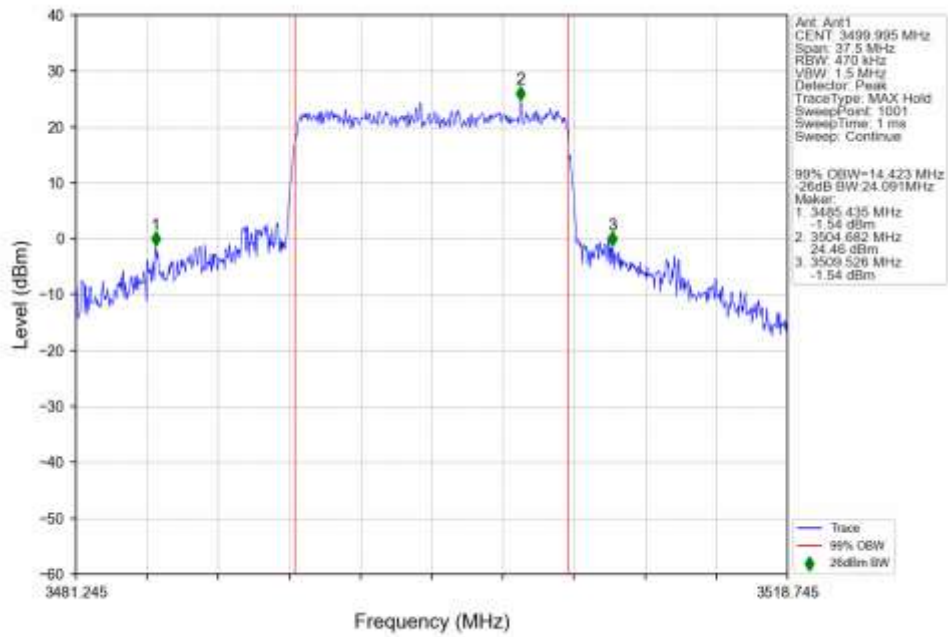
n77d 15kHz SISO NTN 15MHz CP-OFDM QPSK 3542.49MHz Outer Full Ant1



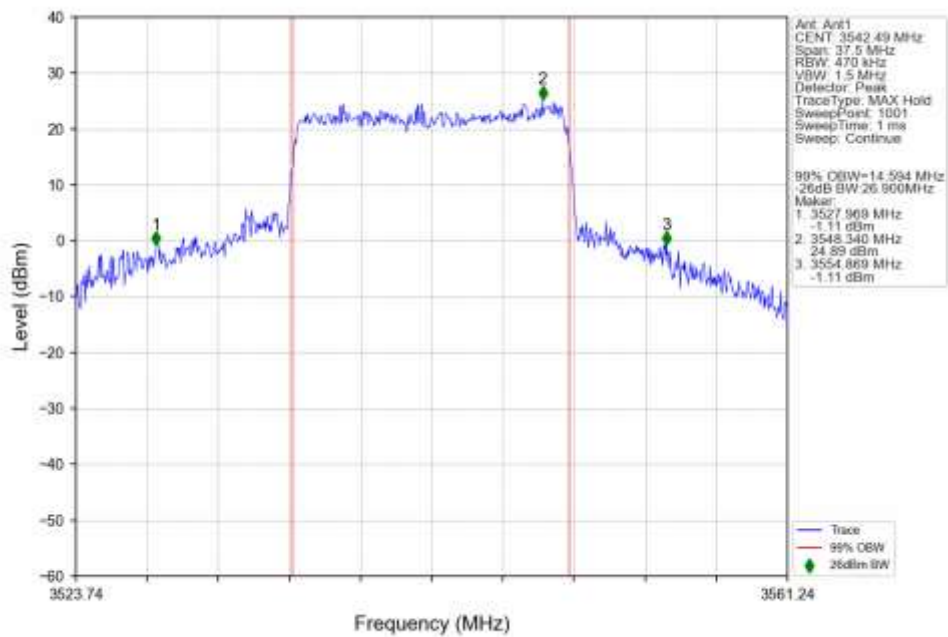
n77d 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 3457.5MHz Outer Full Ant1



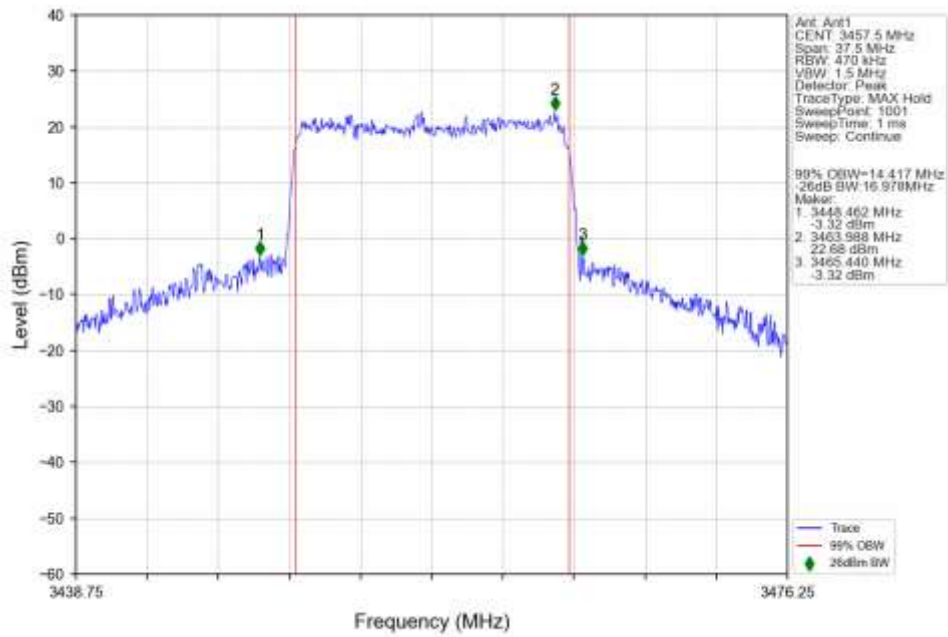
n77d 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1



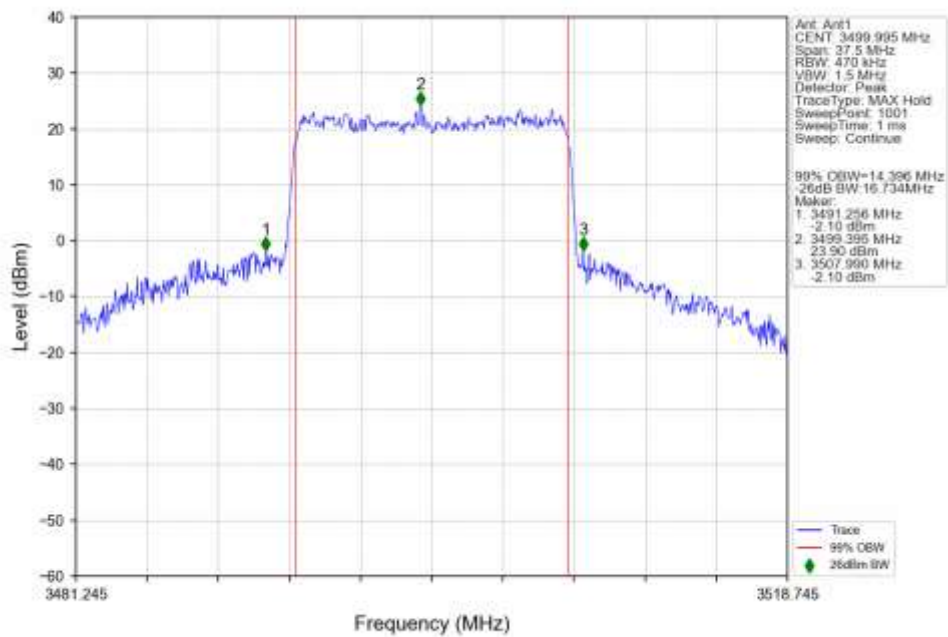
n77d 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 3542.49MHz Outer Full Ant1



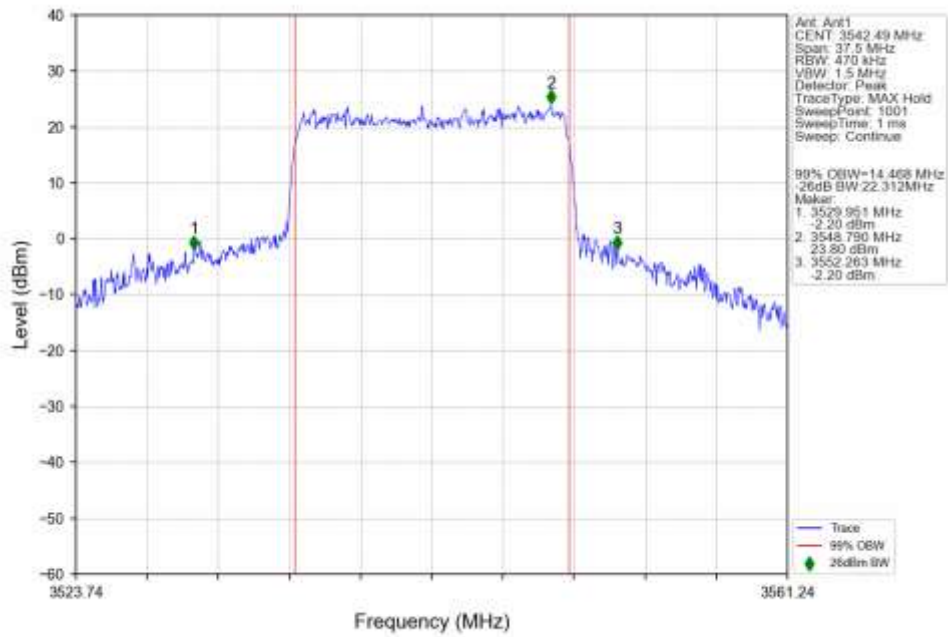
n77d 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 3457.5MHz Outer Full Ant1



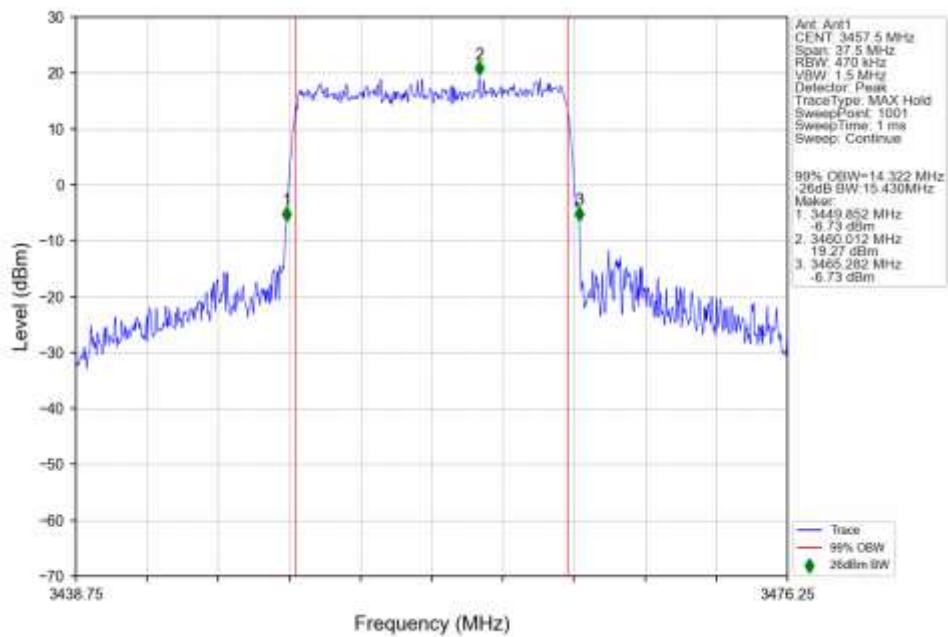
n77d 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 3499.995MHz Outer Full Ant1



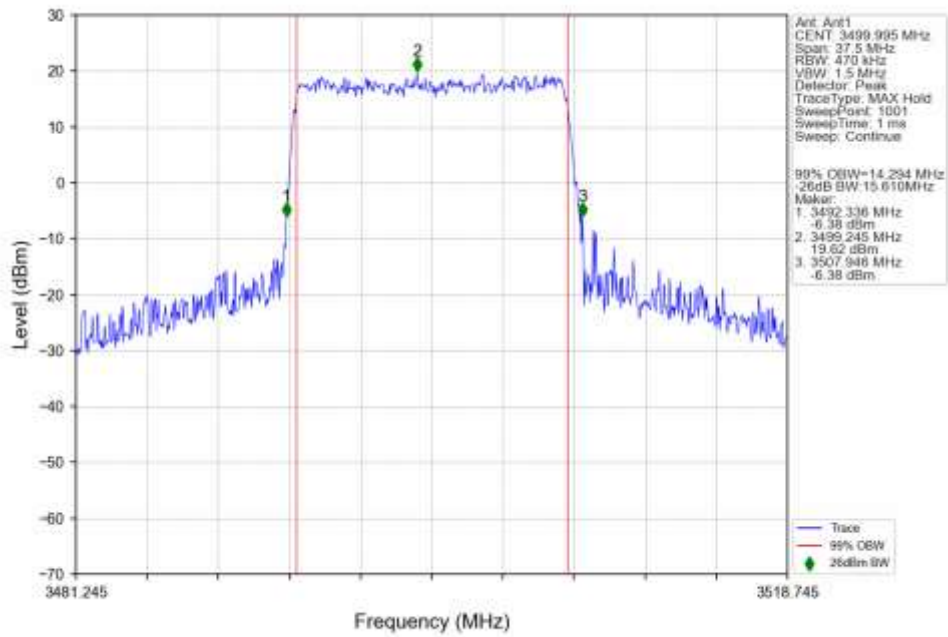
n77d 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 3542.49MHz Outer Full Ant1



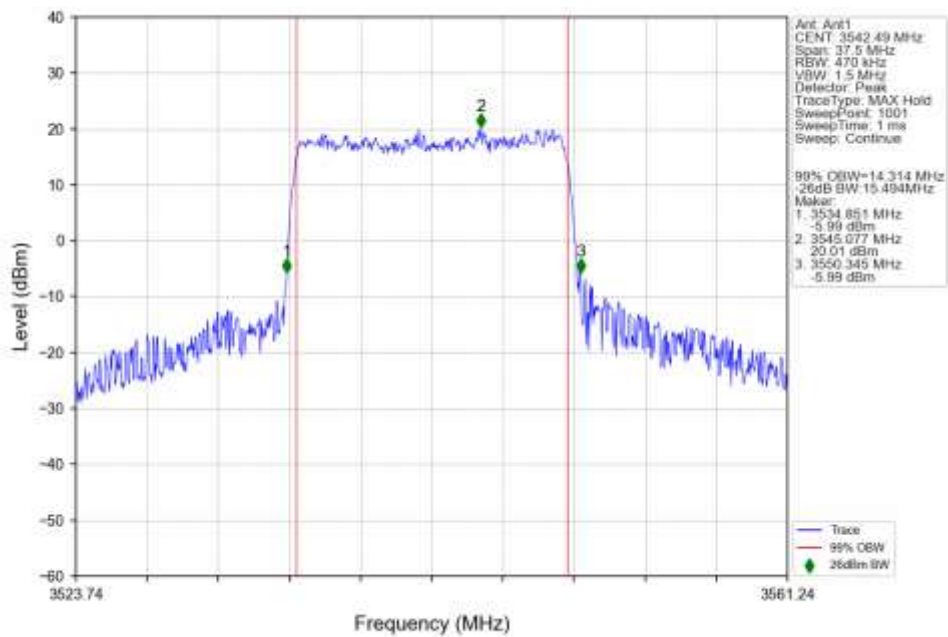
n77d 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 3457.5MHz Outer Full Ant1



n77d 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 3499.995MHz Outer Full Ant1

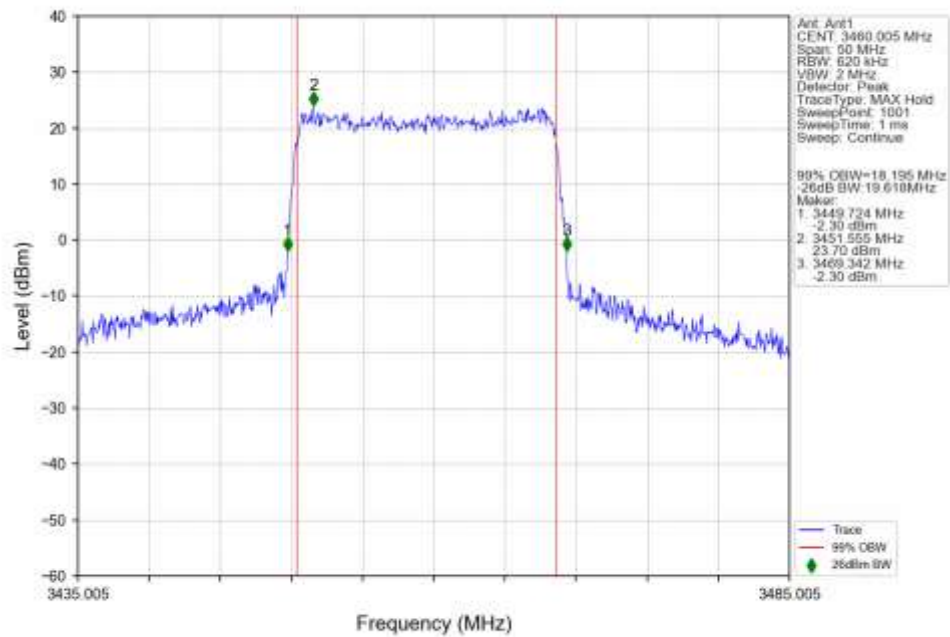


n77d 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 3542.49MHz Outer Full Ant1

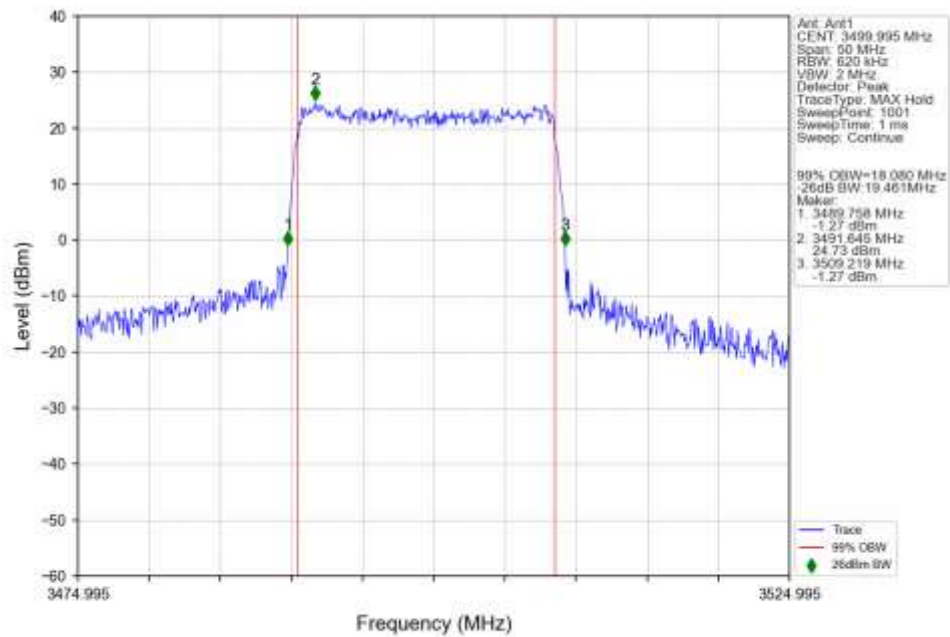


4.2.3 15k_SISO_20MHz_NTNV

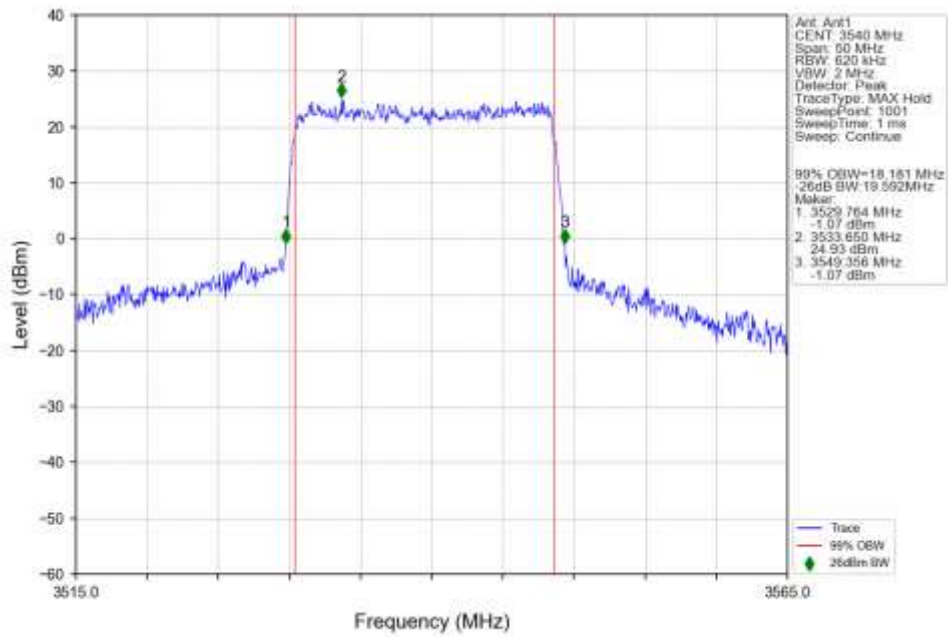
n77d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3460.005MHz_Outer_Full_Ant1



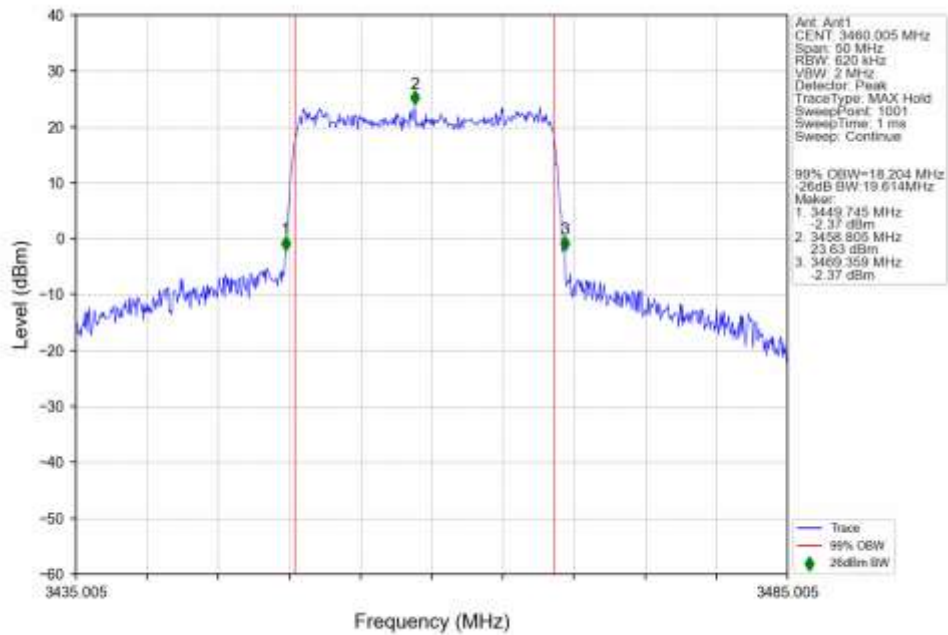
n77d_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3499.995MHz_Outer_Full_Ant1



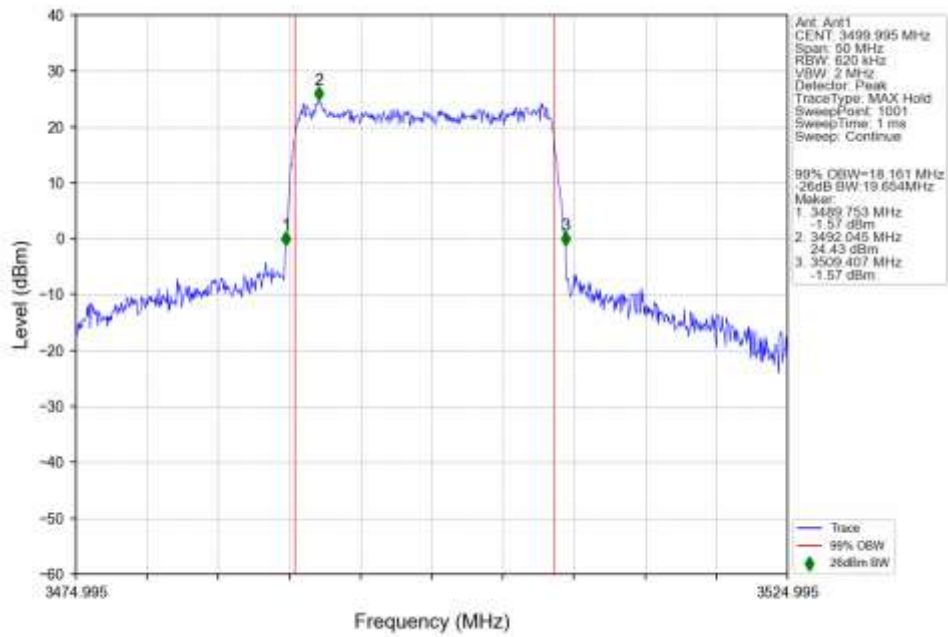
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3540MHz Outer Full Ant1



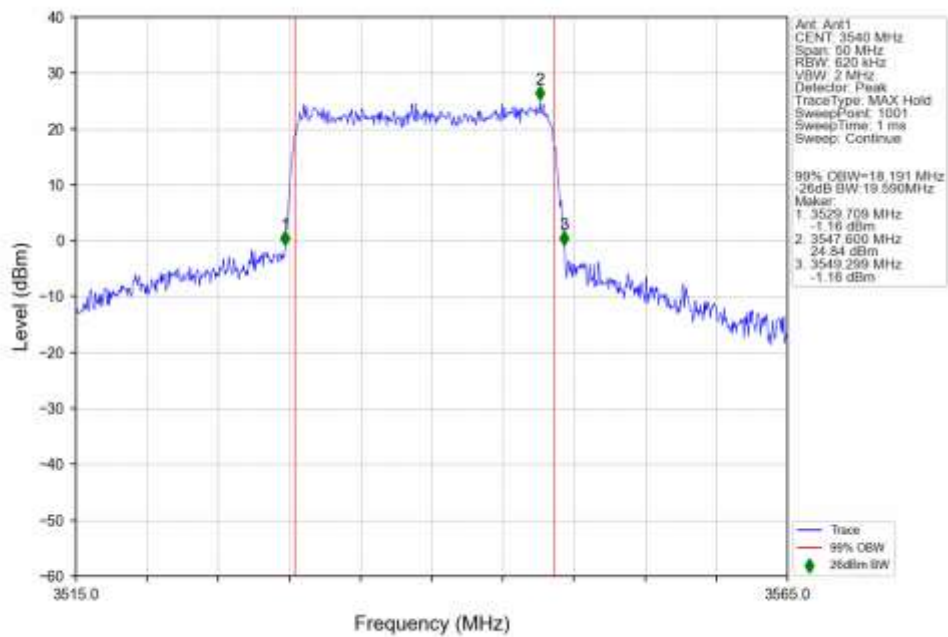
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3460.005MHz Outer Full Ant1



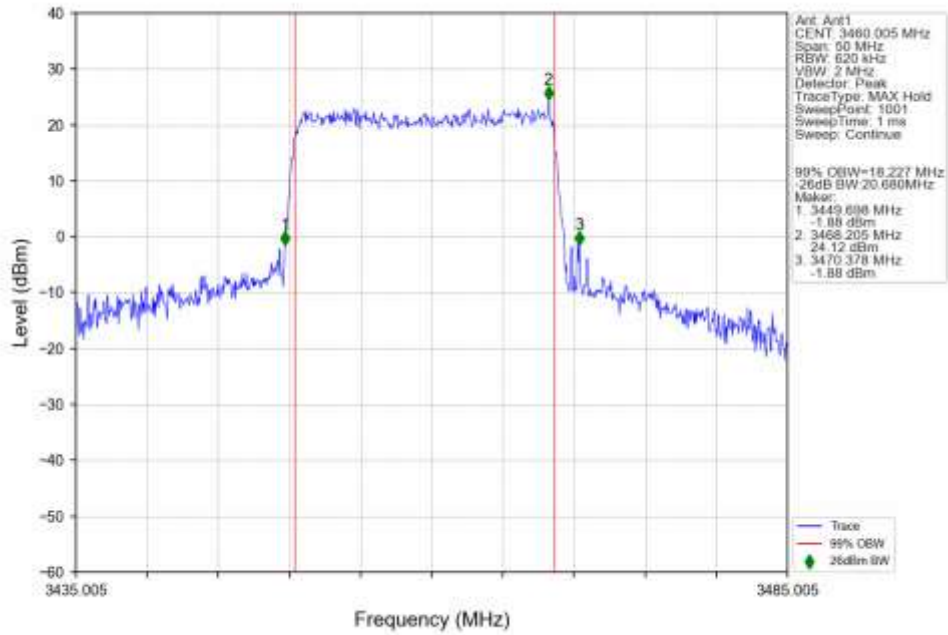
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3499.995MHz Outer Full Ant1



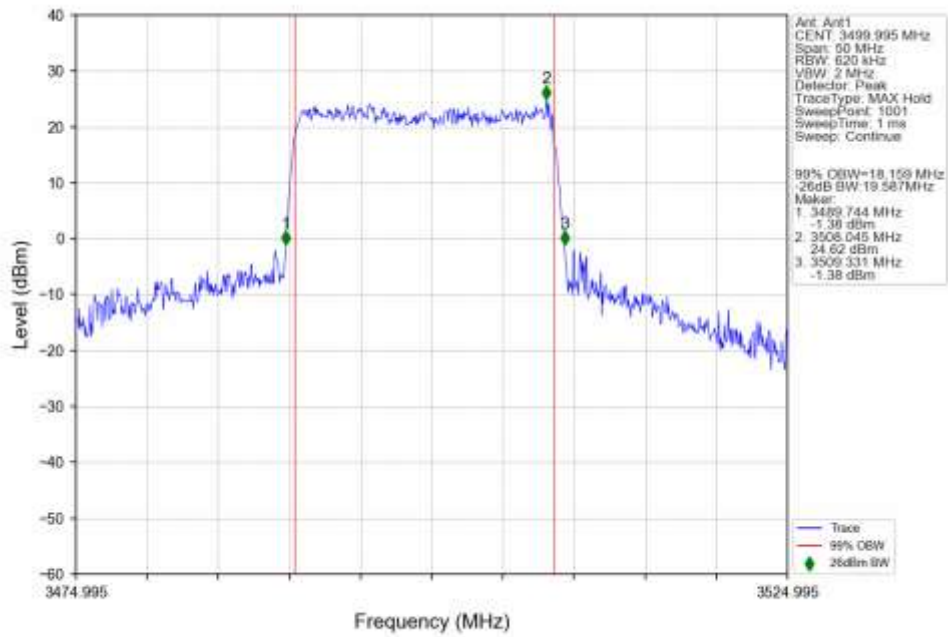
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3540MHz Outer Full Ant1



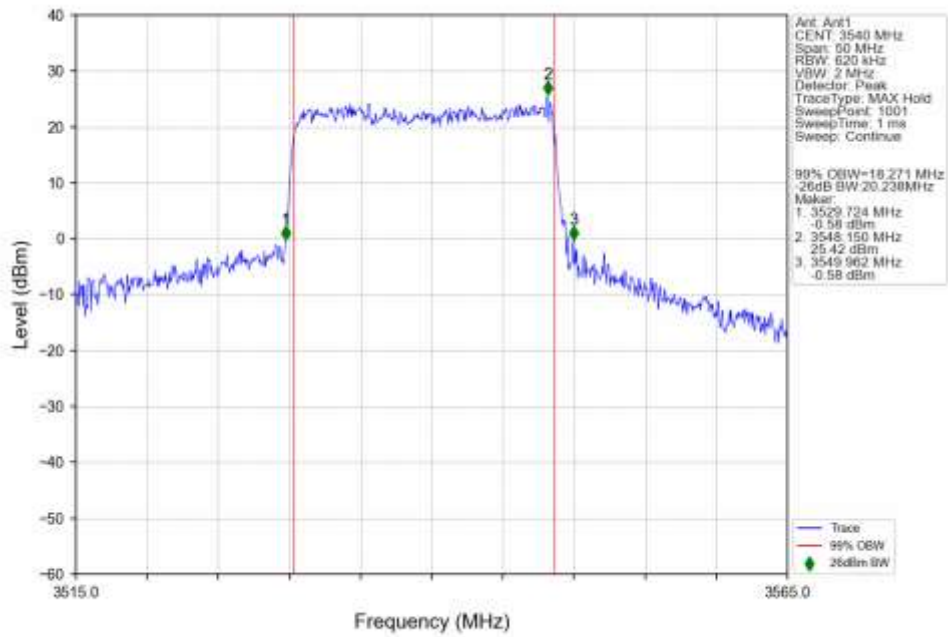
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3460.005MHz Outer Full Ant1



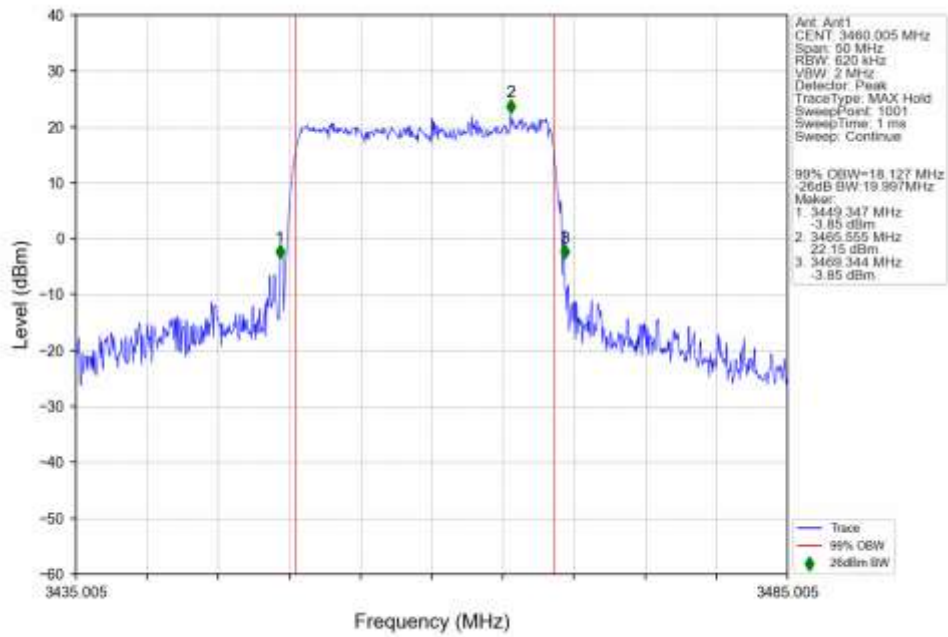
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



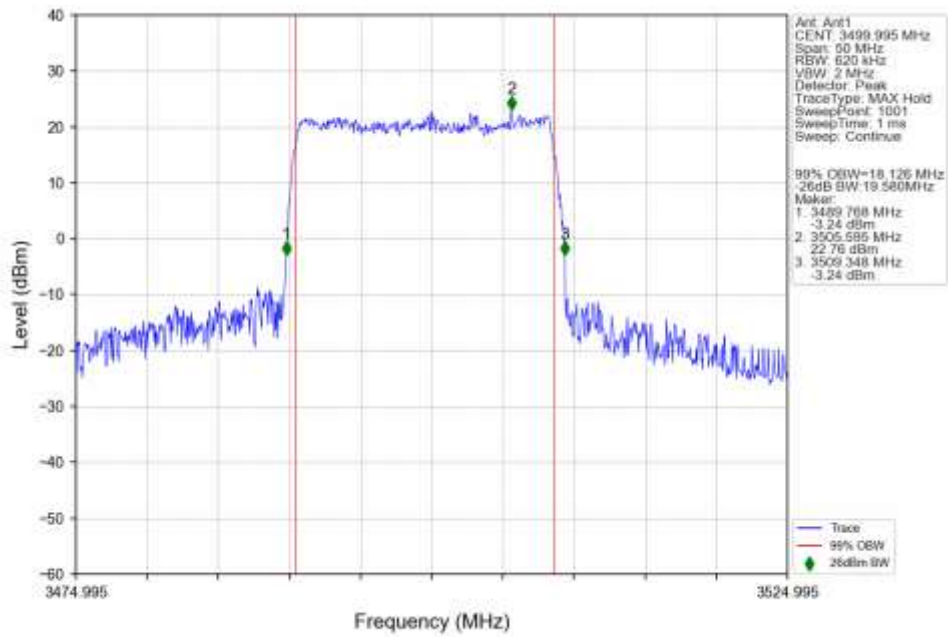
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3540MHz Outer Full Ant1



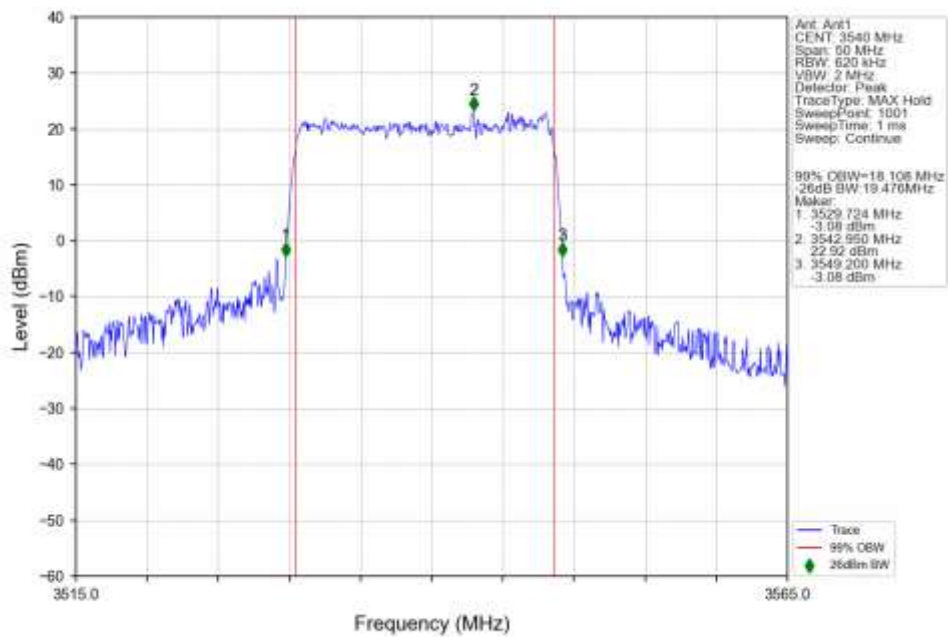
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3460.005MHz Outer Full Ant1



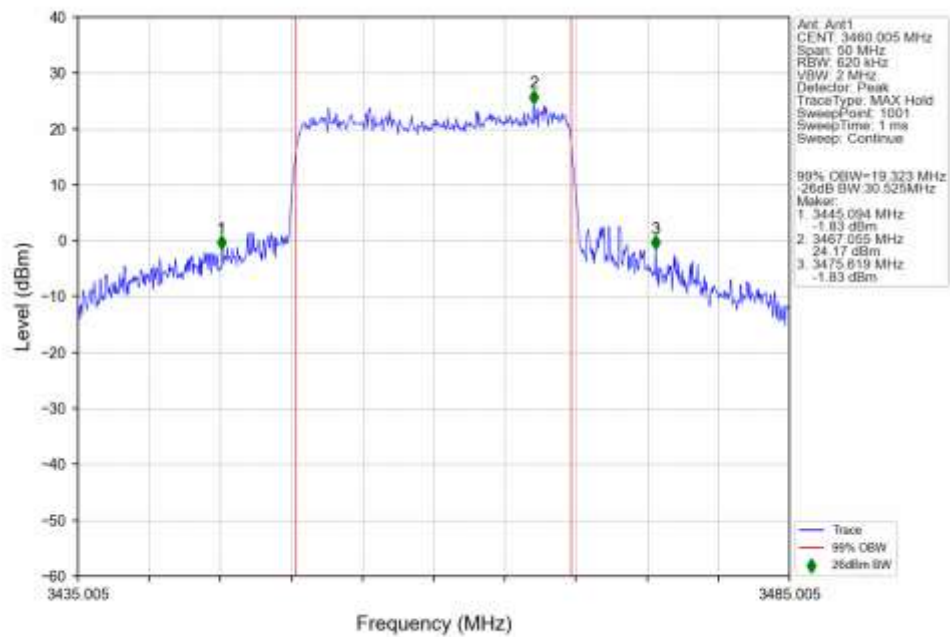
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



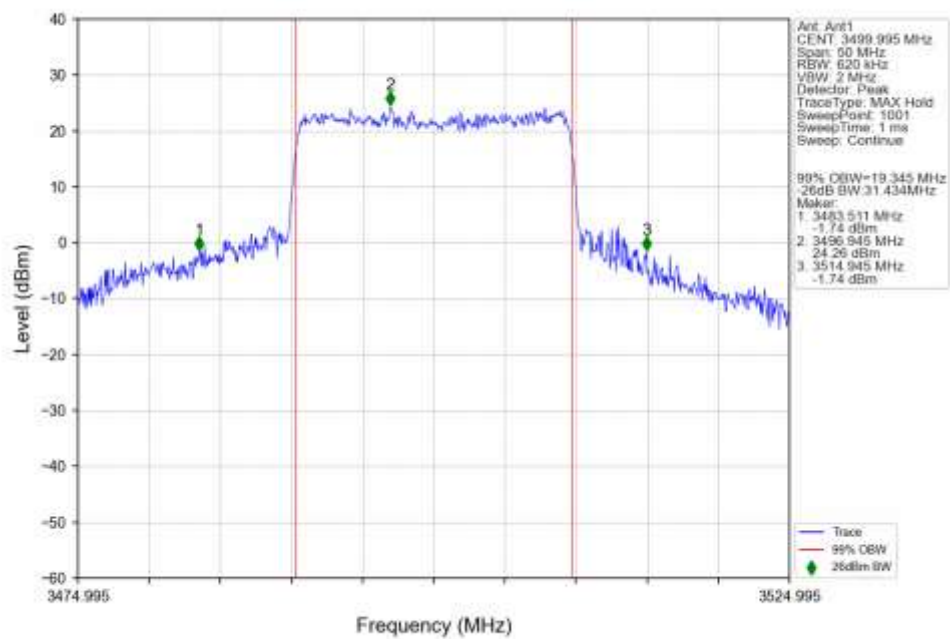
n77d 15kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3540MHz Outer Full Ant1



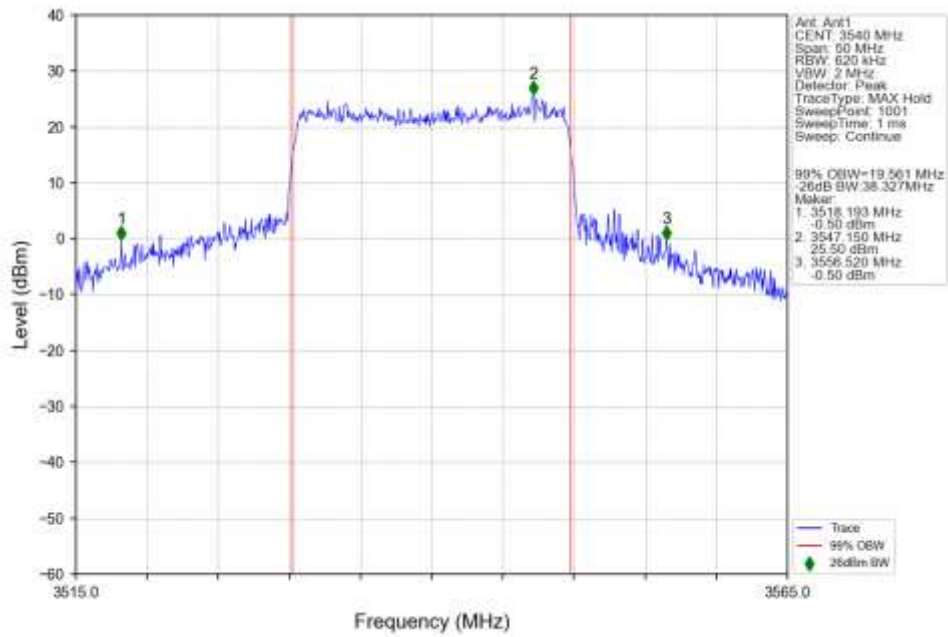
n77d 15kHz SISO NTN 20MHz CP-OFDM QPSK 3460.005MHz Outer Full Ant1



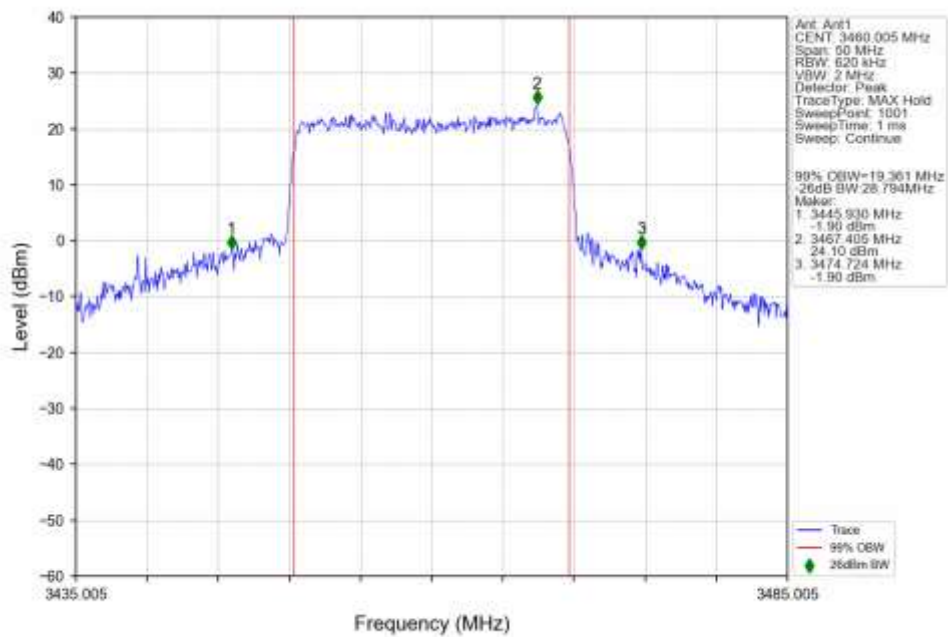
n77d 15kHz SISO NTN 20MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



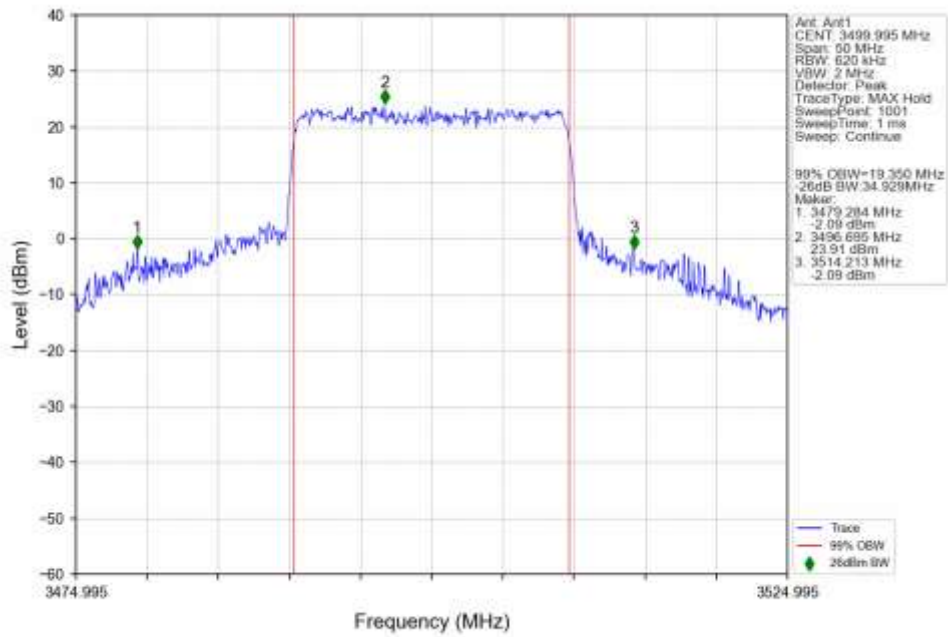
n77d 15kHz SISO NTN 20MHz CP-OFDM QPSK 3540MHz Outer Full Ant1



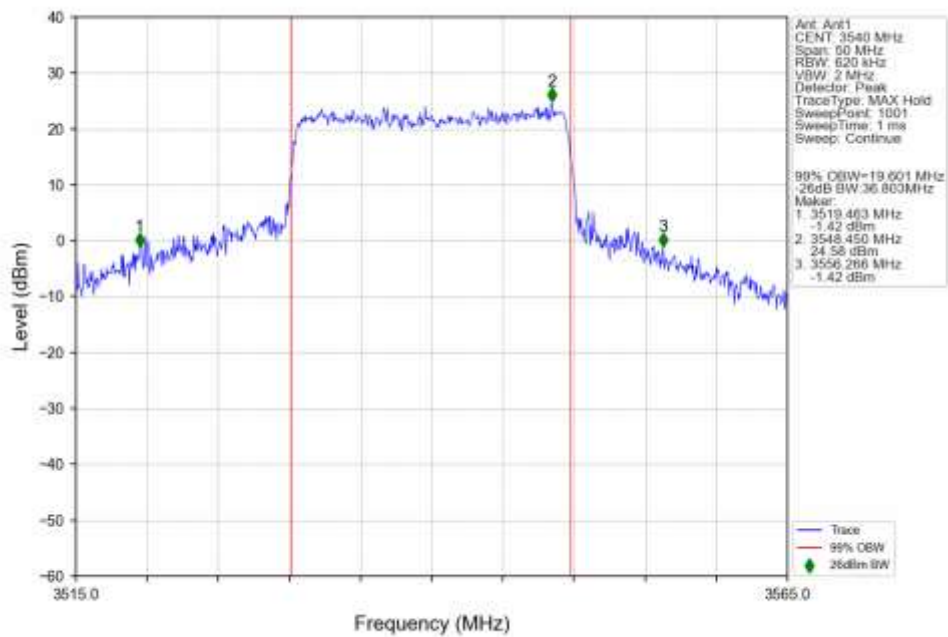
n77d 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 3460.005MHz Outer Full Ant1



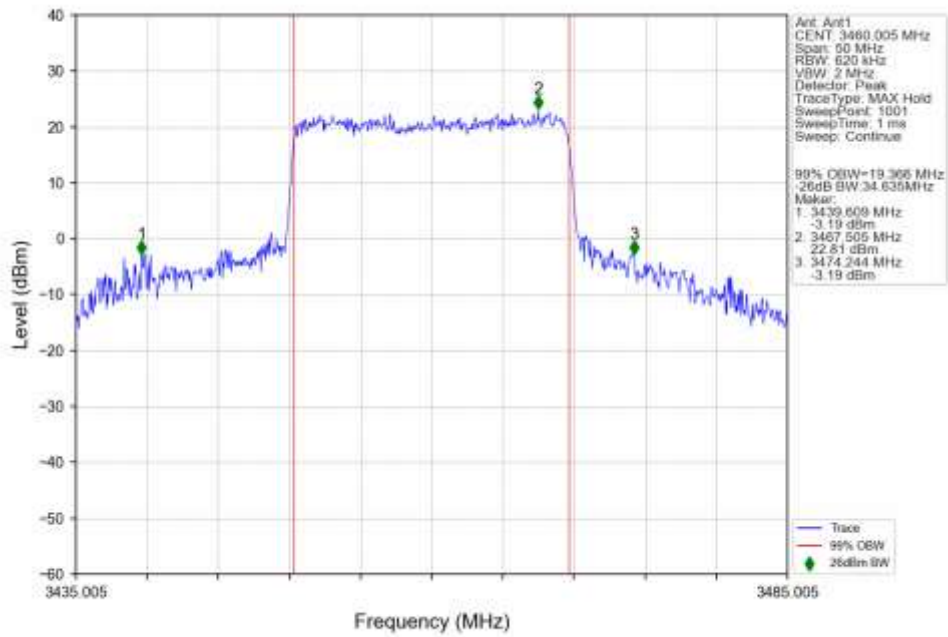
n77d 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1



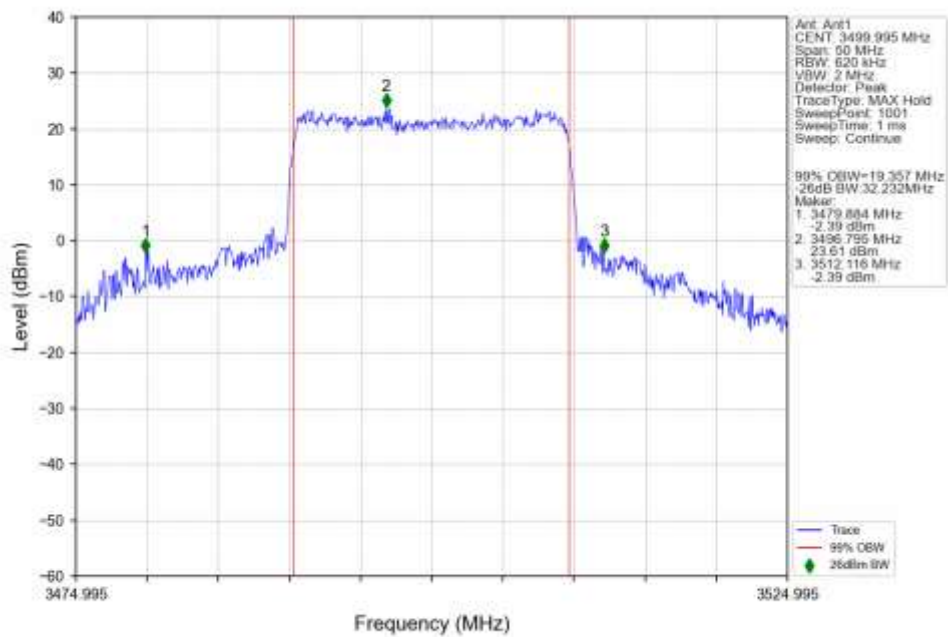
n77d 15kHz SISO NTN 20MHz CP-OFDM 16 QAM 3540MHz Outer Full Ant1



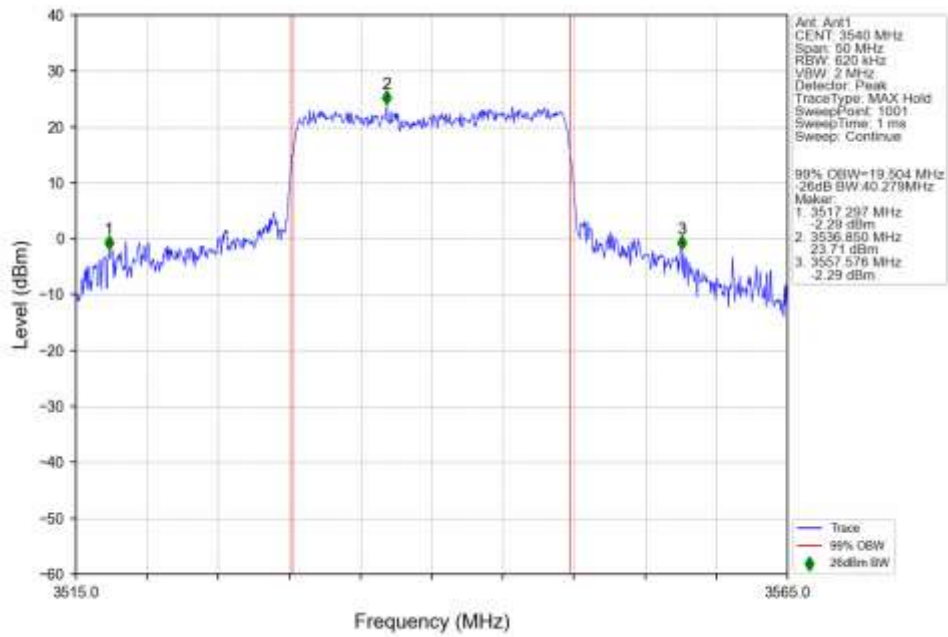
n77d 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 3460.005MHz Outer Full Ant1



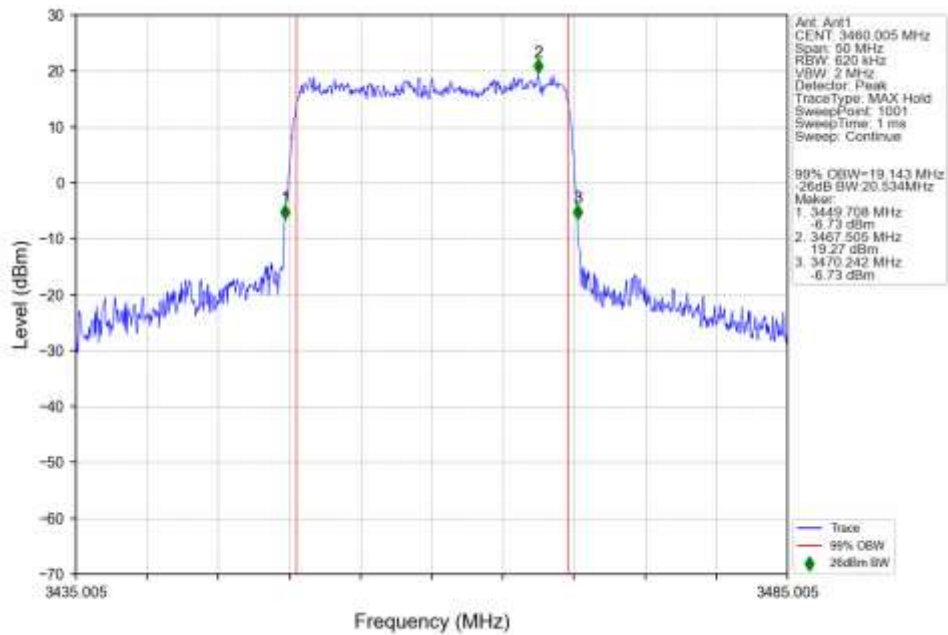
n77d 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 3499.995MHz Outer Full Ant1



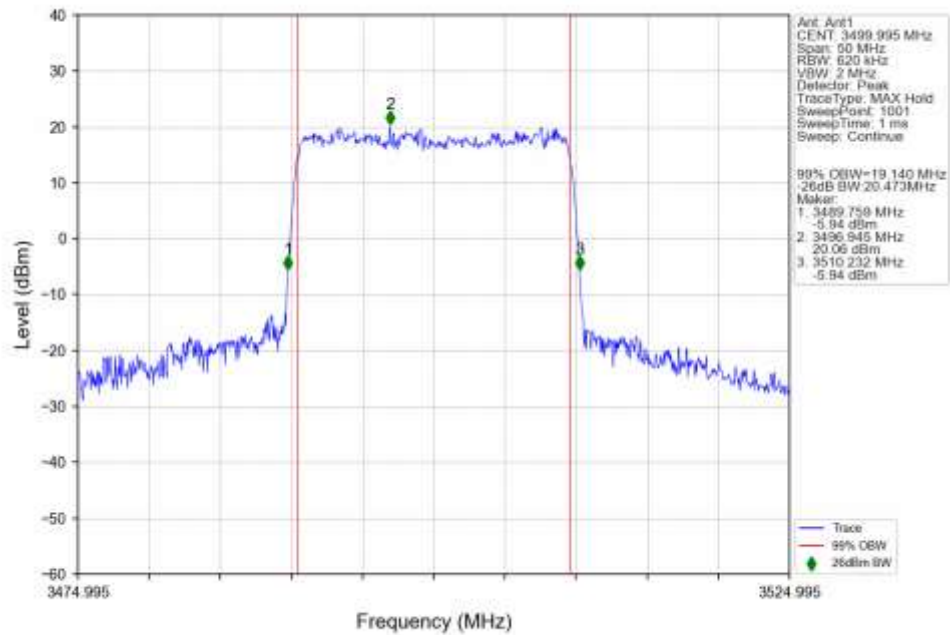
n77d 15kHz SISO NTN 20MHz CP-OFDM 64 QAM 3540MHz Outer Full Ant1



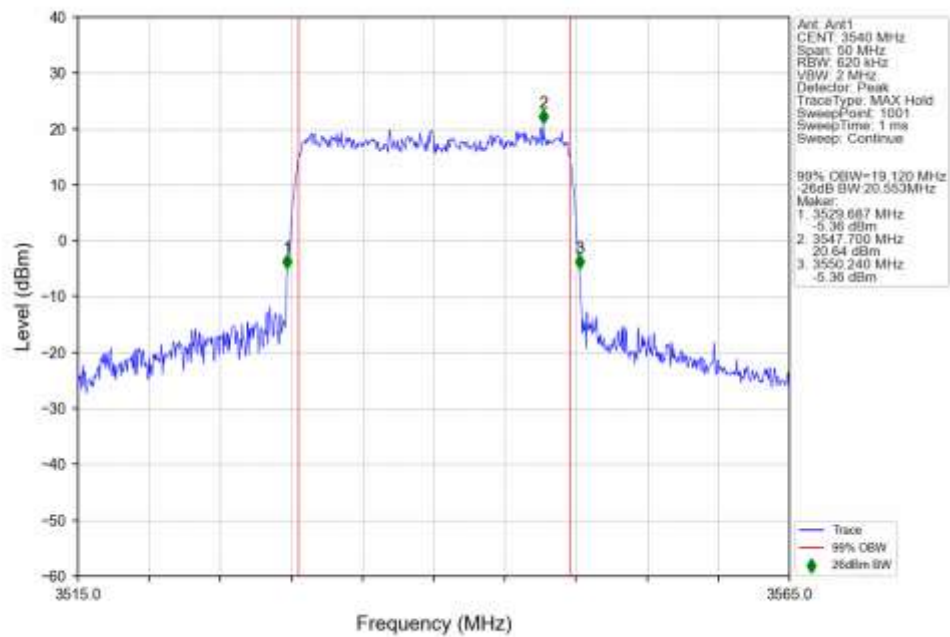
n77d 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 3460.005MHz Outer Full Ant1



n77d 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 3499.995MHz Outer Full Ant1

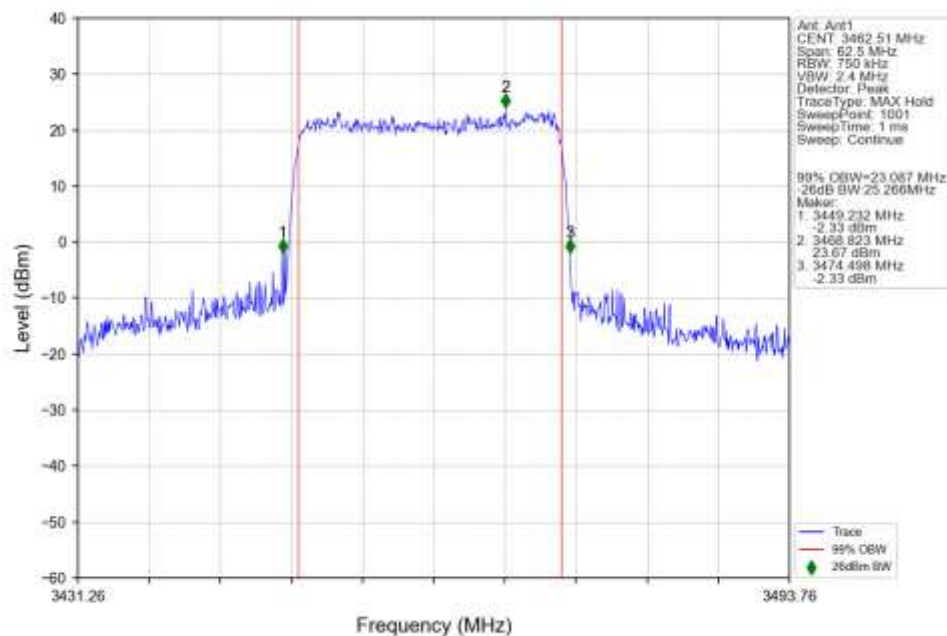


n77d 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 3540MHz Outer Full Ant1

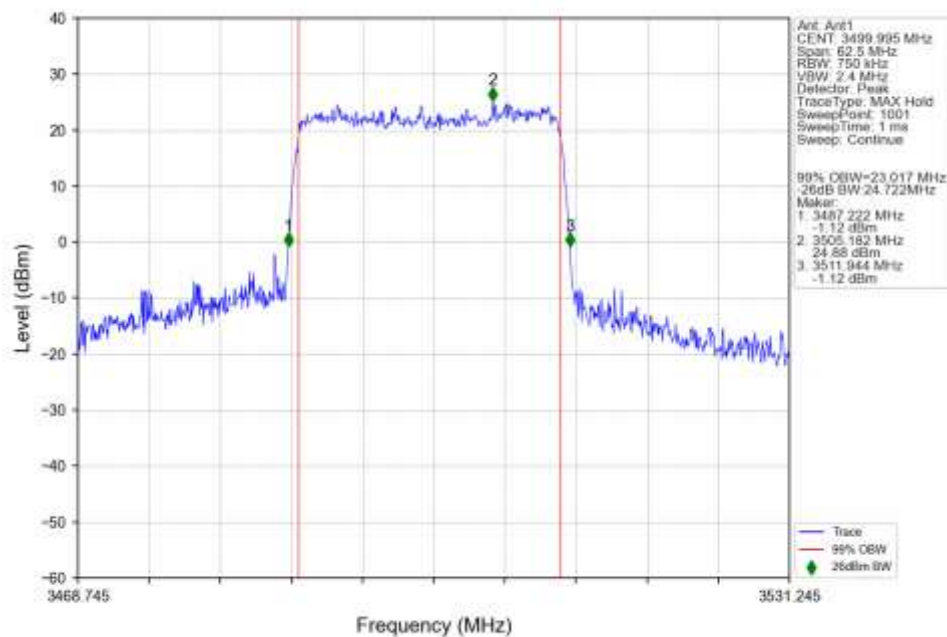


4.2.4 15k_SISO_25MHz_NTNV

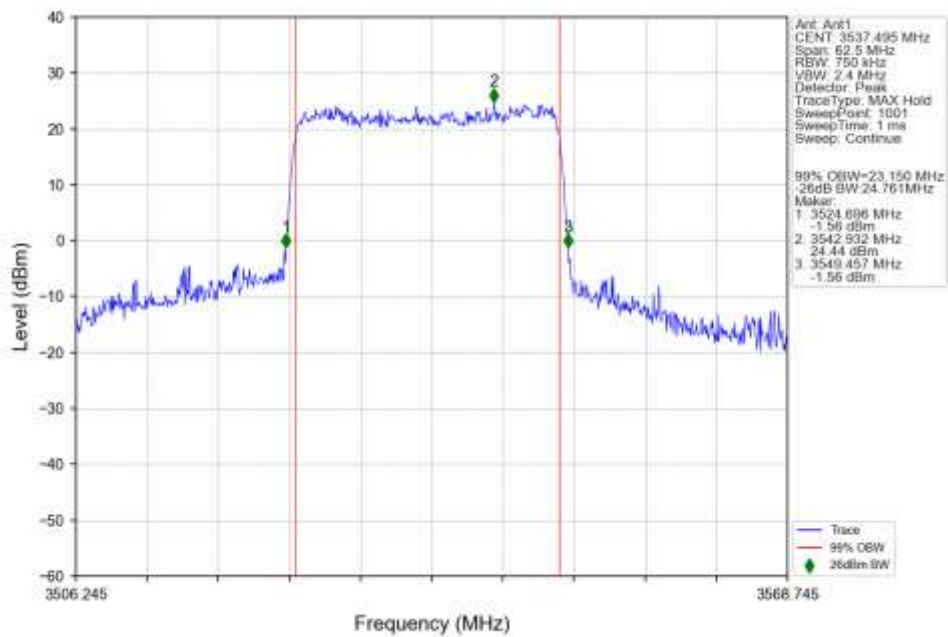
n77d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3462.51MHz_Outer_Full_Ant1



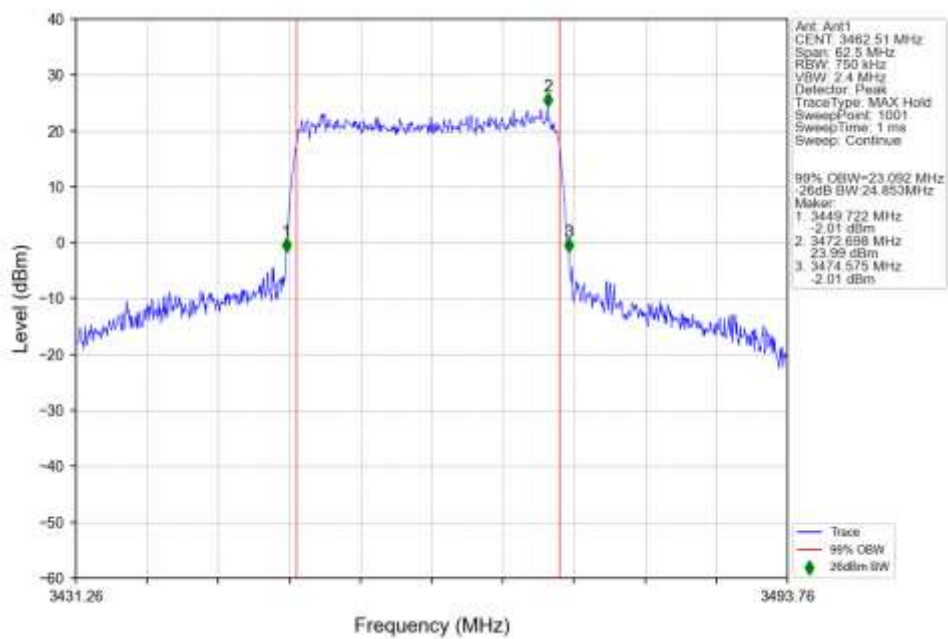
n77d_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_3499.995MHz_Outer_Full_Ant1



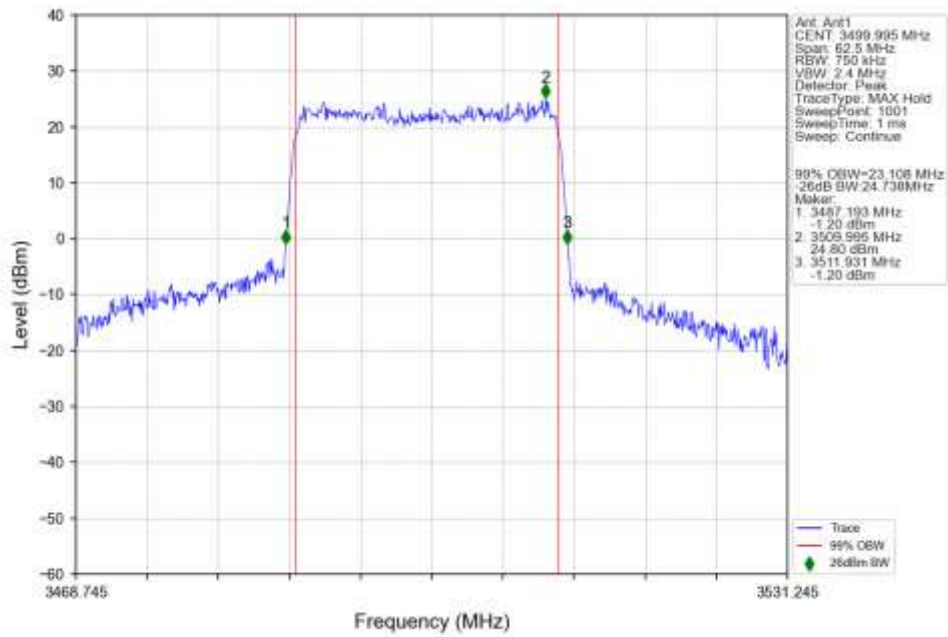
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 3537.495MHz Outer Full Ant1



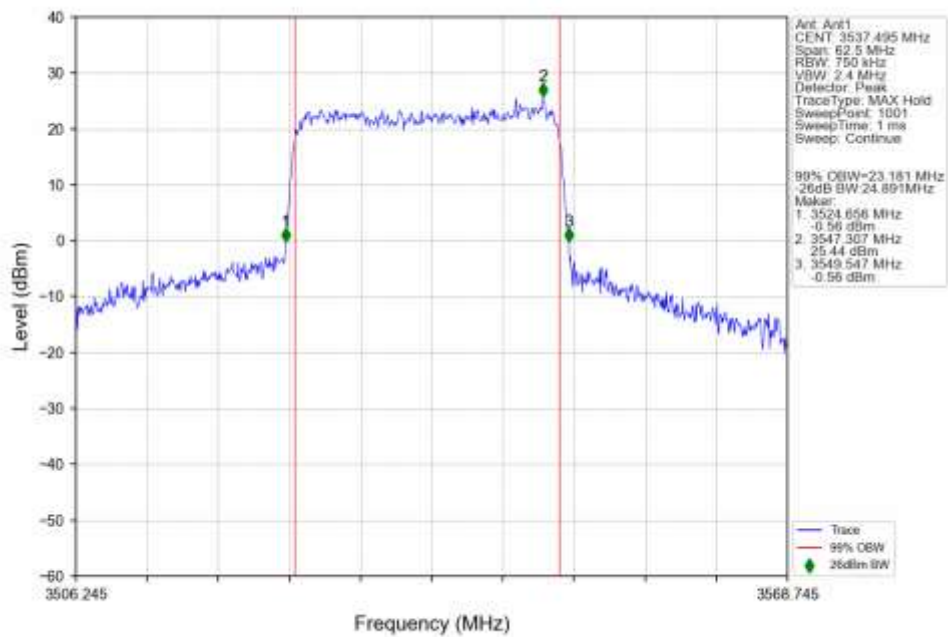
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 3462.51MHz Outer Full Ant1



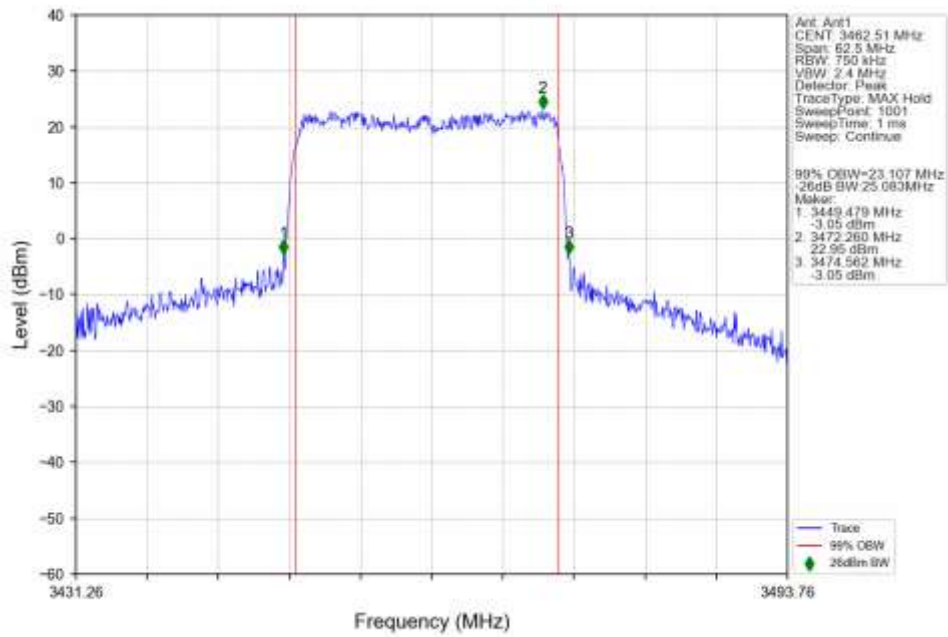
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 3499.995MHz Outer Full Ant1



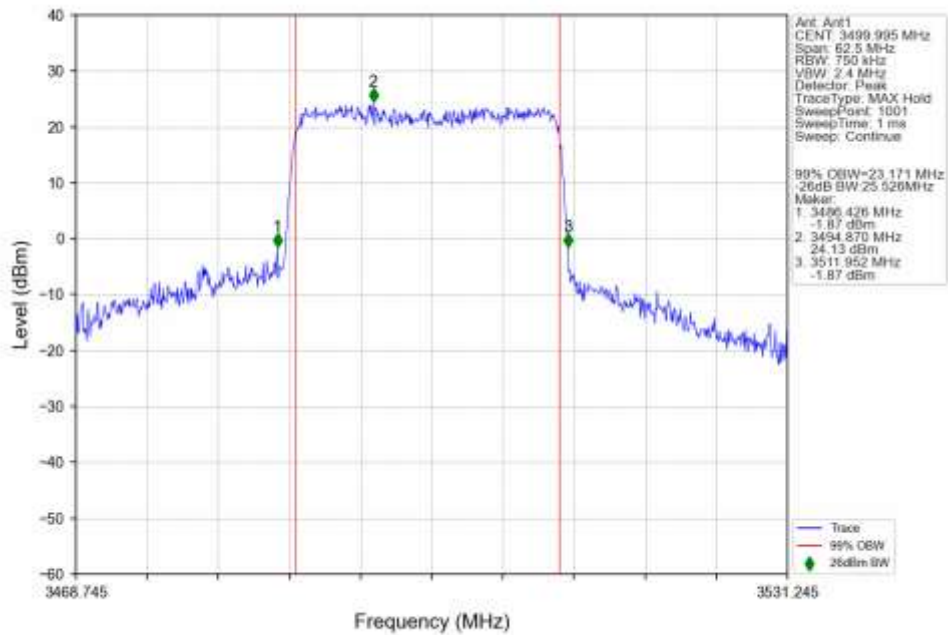
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 3537.495MHz Outer Full Ant1



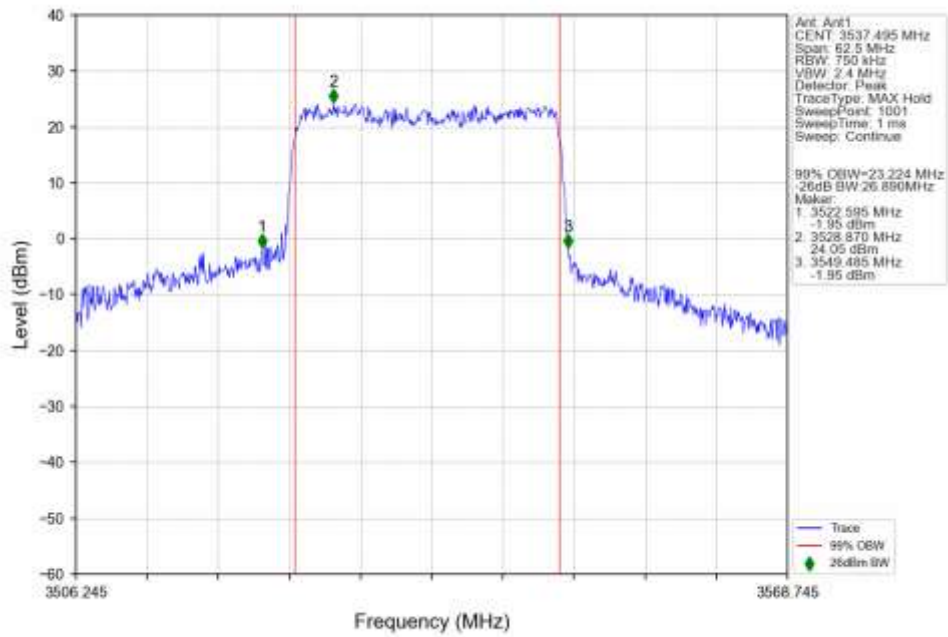
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 64 QAM 3462.51MHz Outer Full Ant1



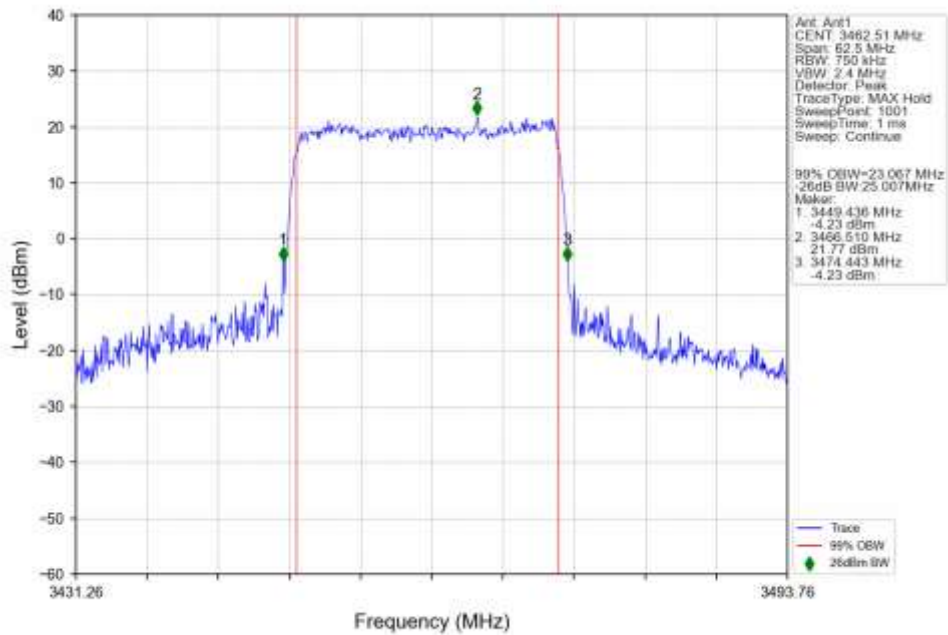
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



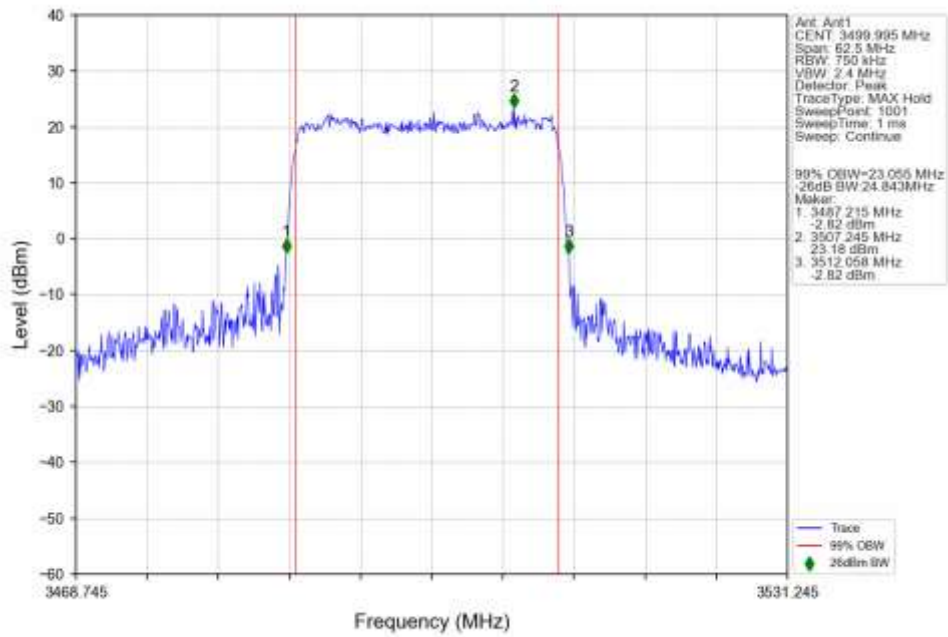
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 64 QAM 3537.495MHz Outer Full Ant1



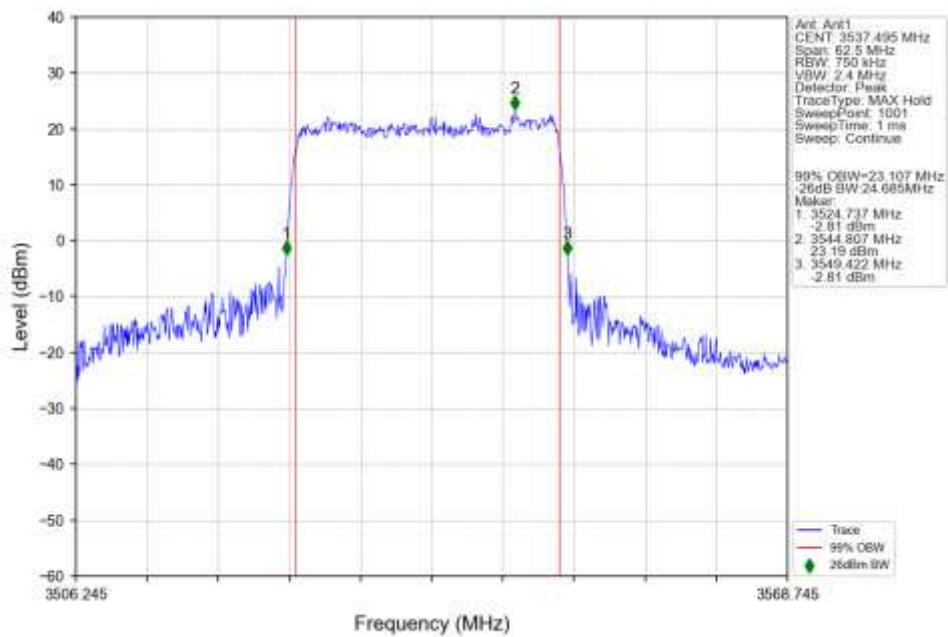
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 3462.51MHz Outer Full Ant1



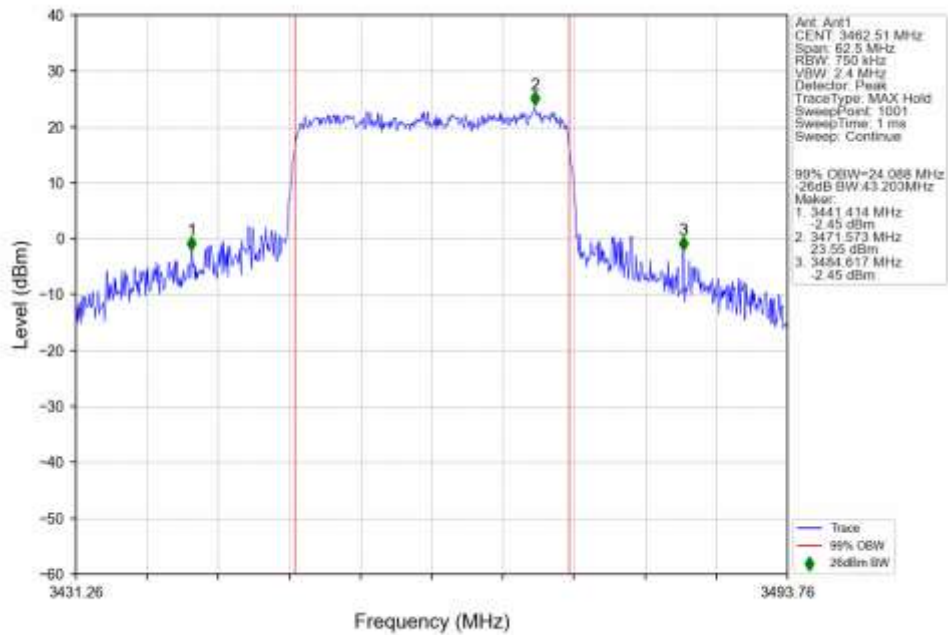
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



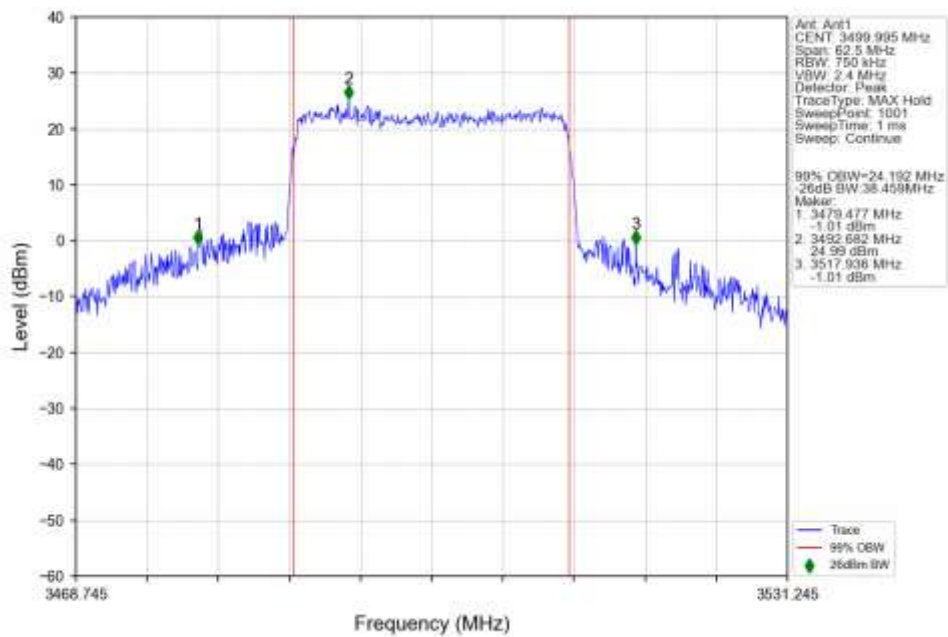
n77d 15kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 3537.495MHz Outer Full Ant1



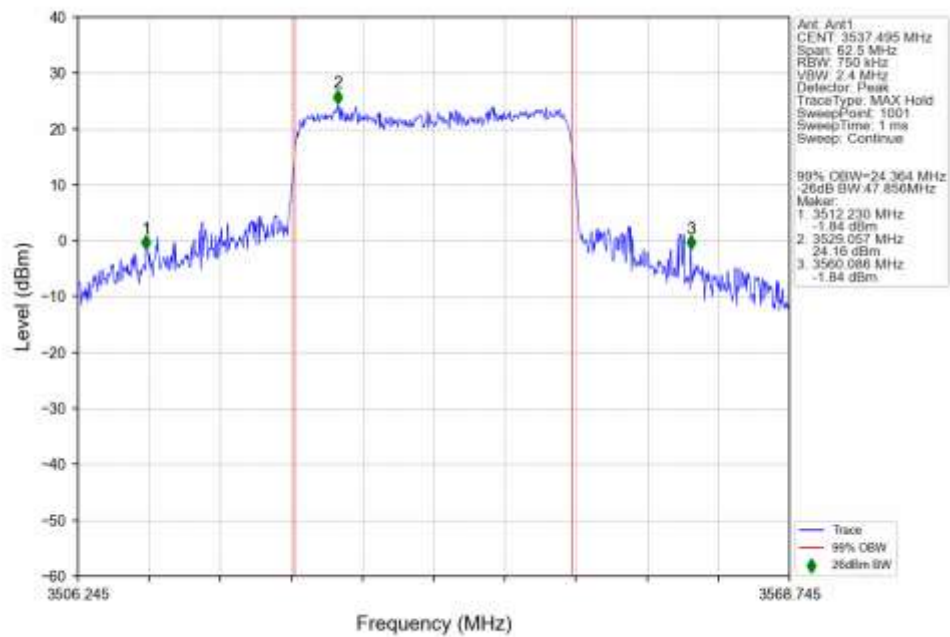
n77d 15kHz SISO NTN 25MHz CP-OFDM QPSK 3462.51MHz Outer Full Ant1



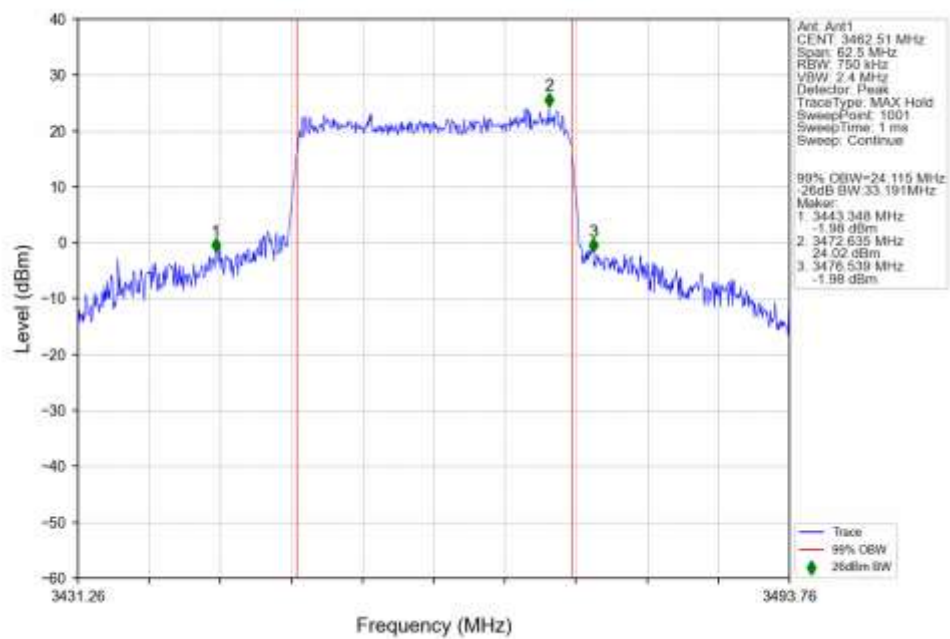
n77d 15kHz SISO NTN 25MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



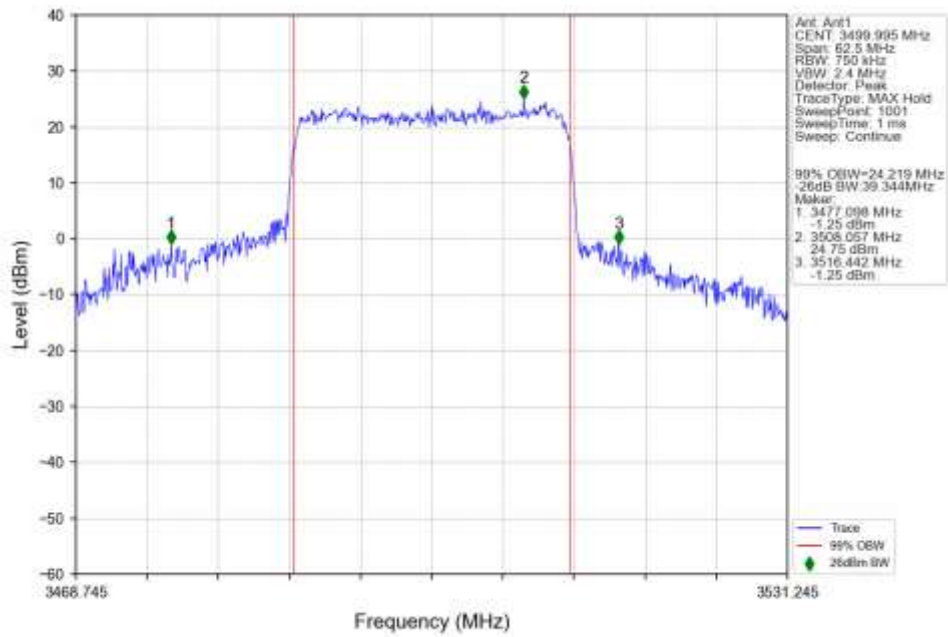
n77d 15kHz SISO NTN 25MHz CP-OFDM QPSK 3537.495MHz Outer Full Ant1



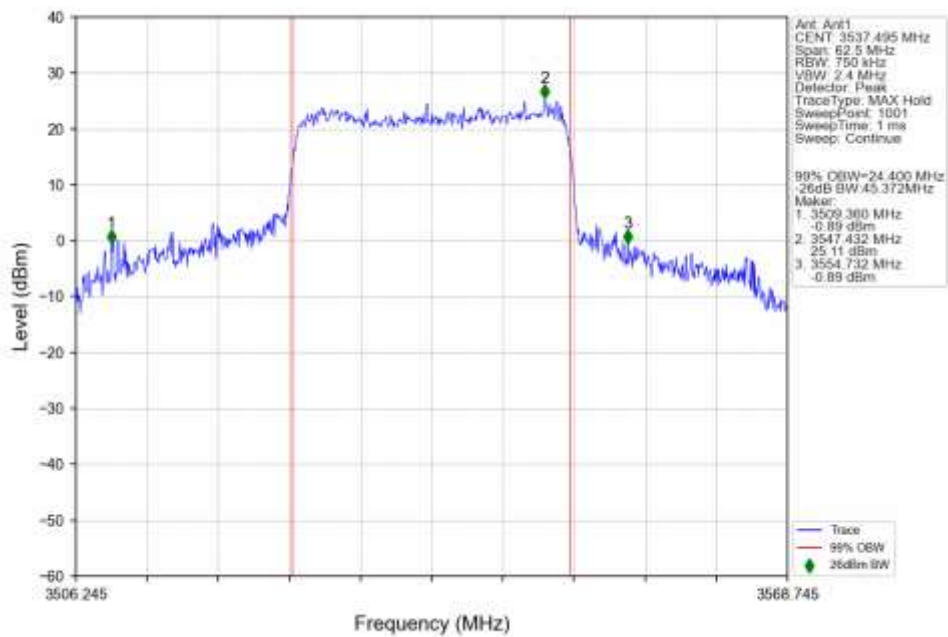
n77d 15kHz SISO NTN 25MHz CP-OFDM 16 QAM 3462.51MHz Outer Full Ant1



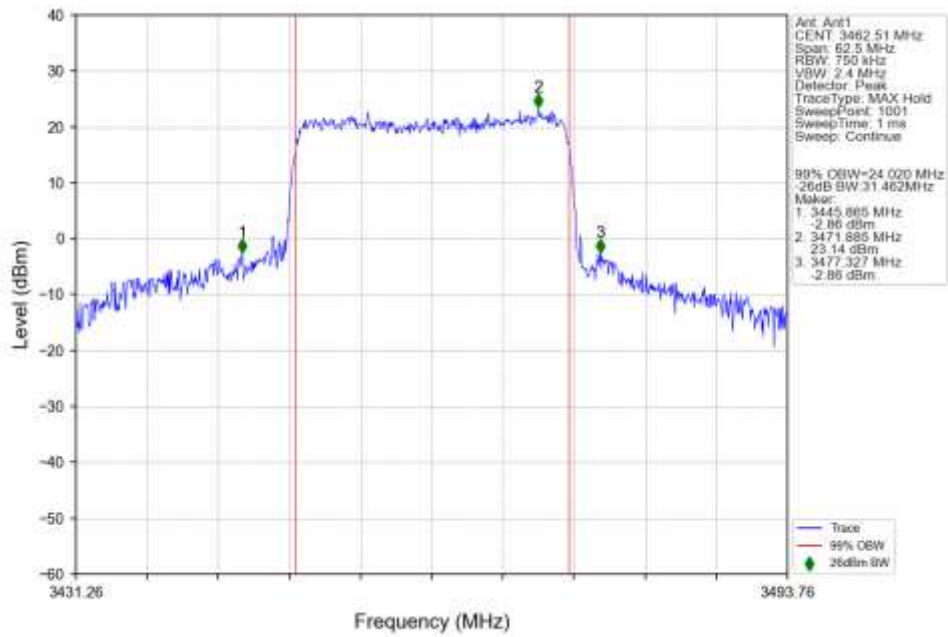
n77d 15kHz SISO NTN 25MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1



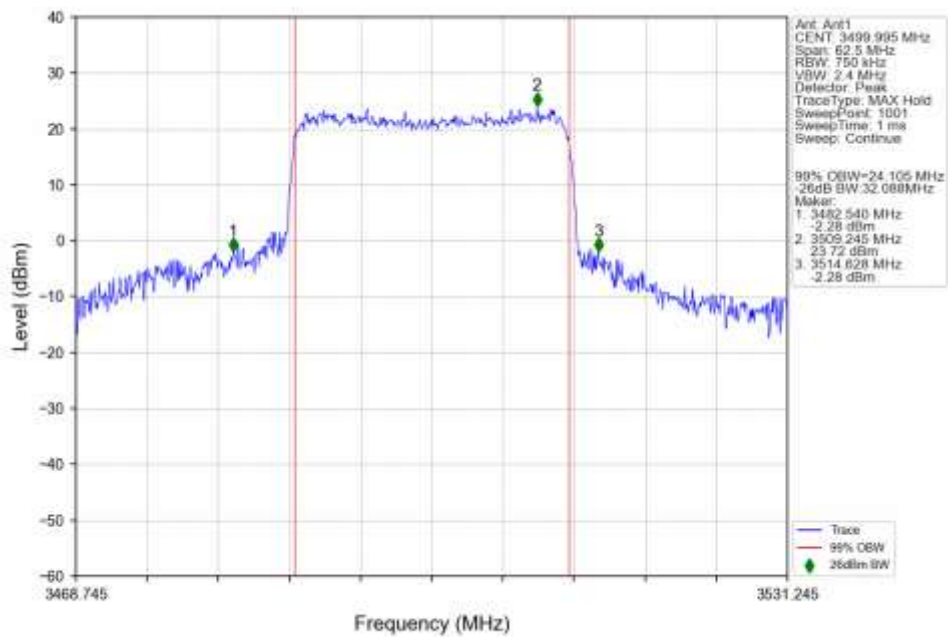
n77d 15kHz SISO NTN 25MHz CP-OFDM 16 QAM 3537.495MHz Outer Full Ant1



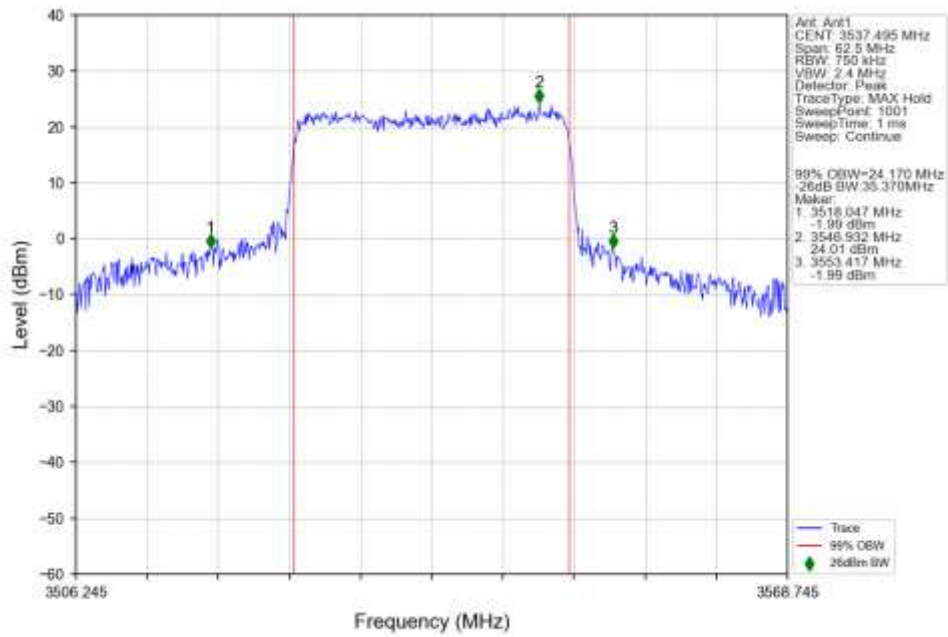
n77d 15kHz SISO NTN 25MHz CP-OFDM 64 QAM 3462.51MHz Outer Full Ant1



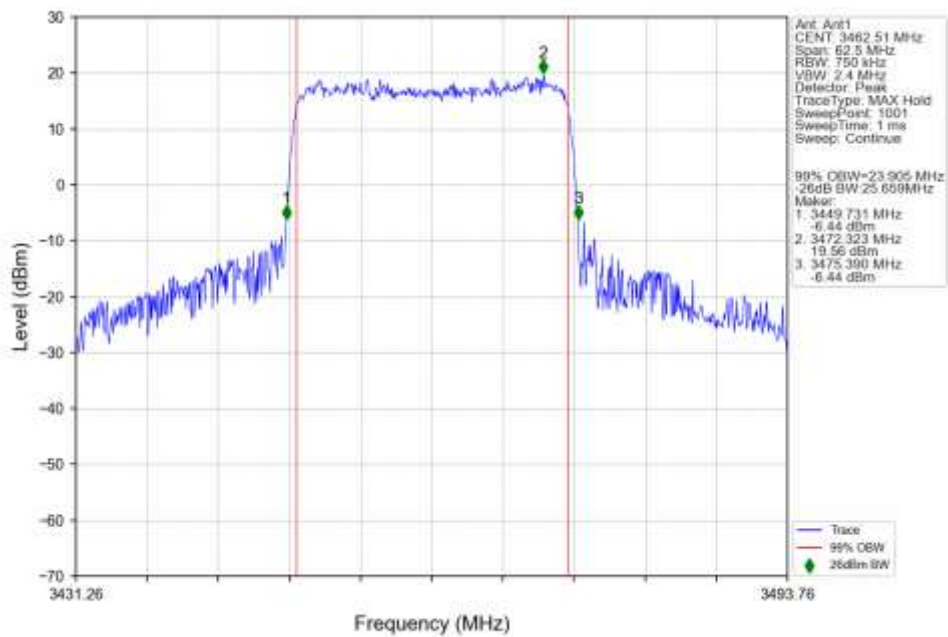
n77d 15kHz SISO NTN 25MHz CP-OFDM 64 QAM 3499.995MHz Outer Full Ant1



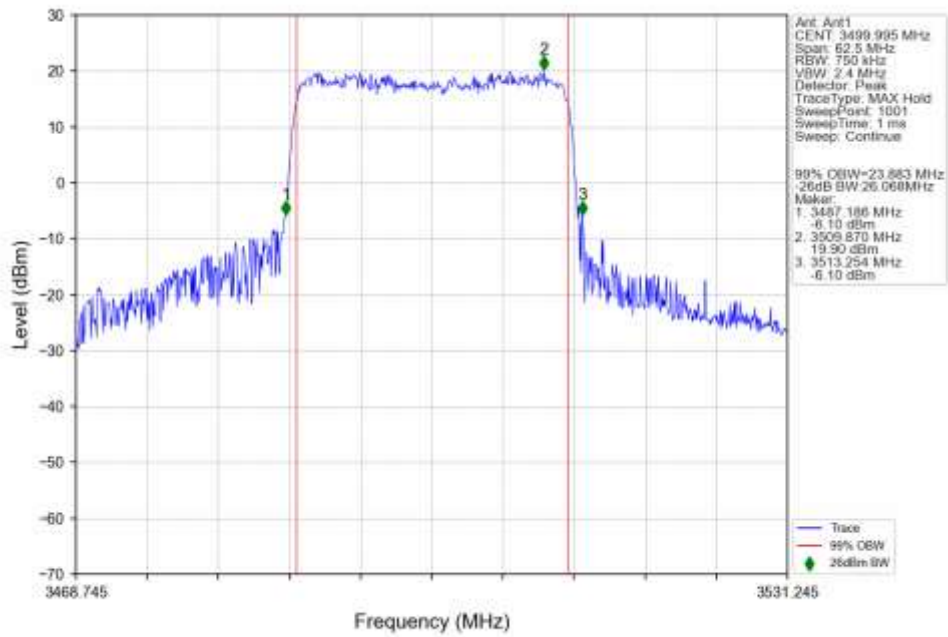
n77d 15kHz SISO NTN 25MHz CP-OFDM 64 QAM 3537.495MHz Outer Full Ant1



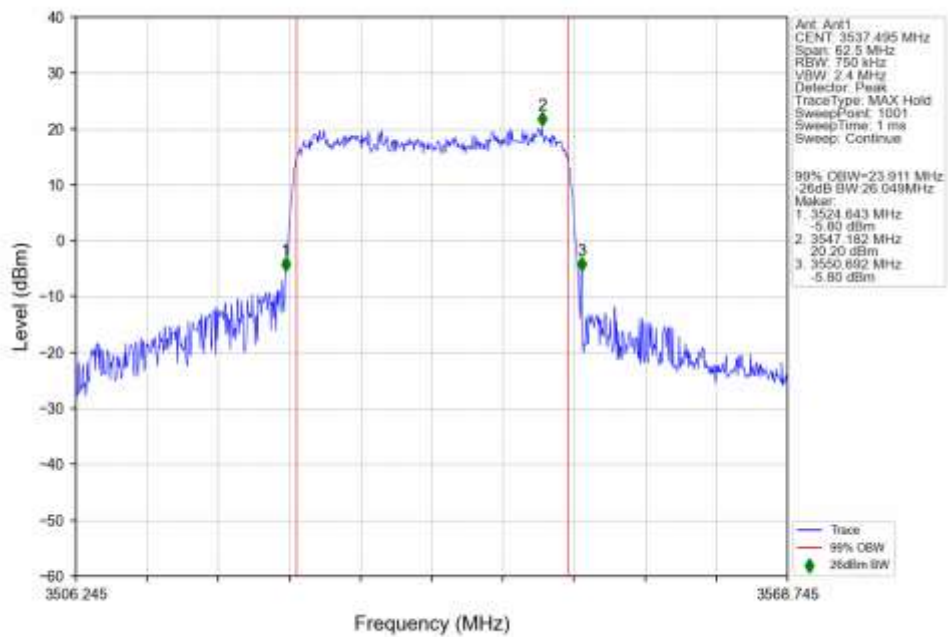
n77d 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 3462.51MHz Outer Full Ant1



n77d 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 3499.995MHz Outer Full Ant1

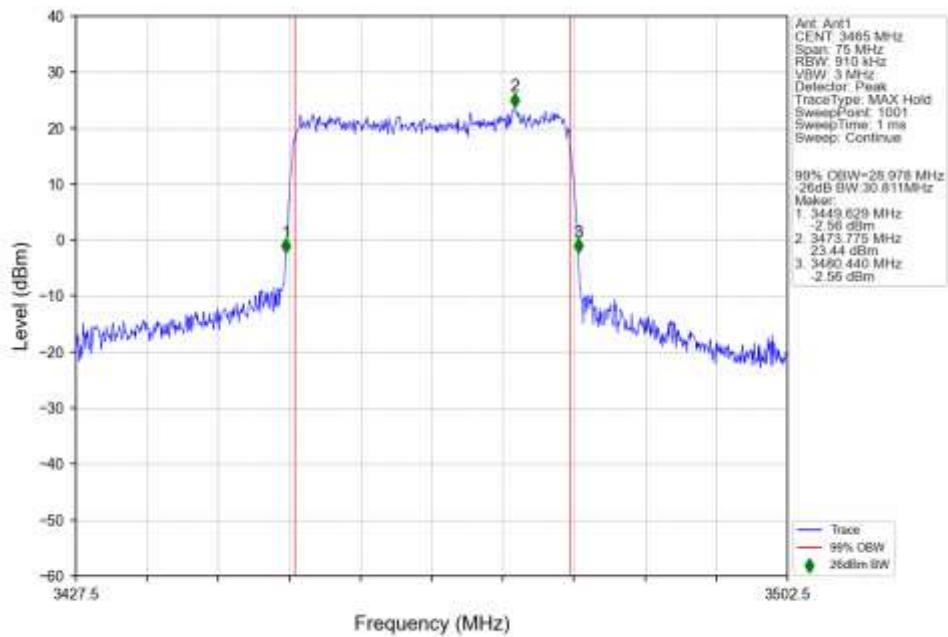


n77d 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 3537.495MHz Outer Full Ant1

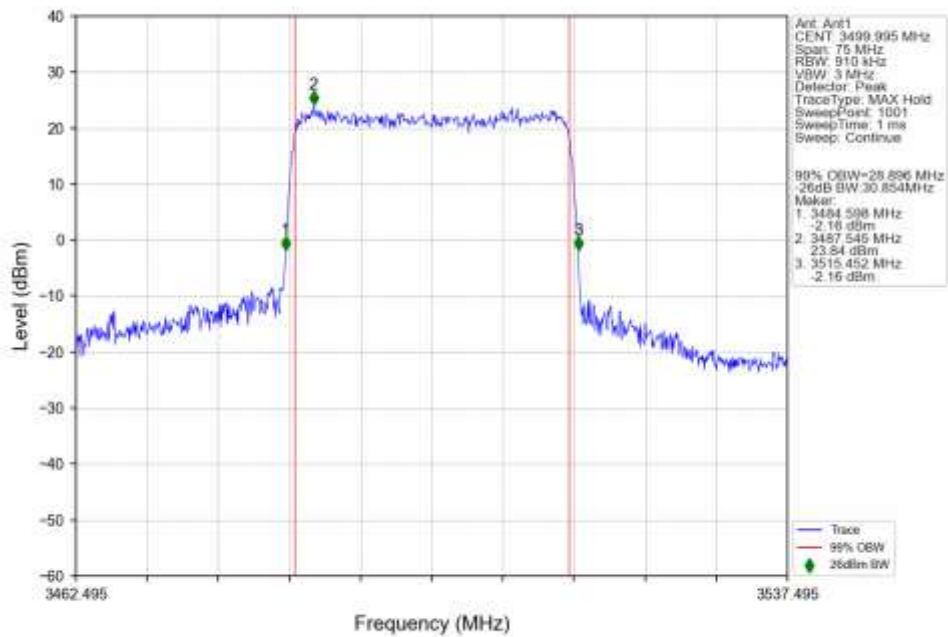


4.2.5 15k_SISO_30MHz_NTNV

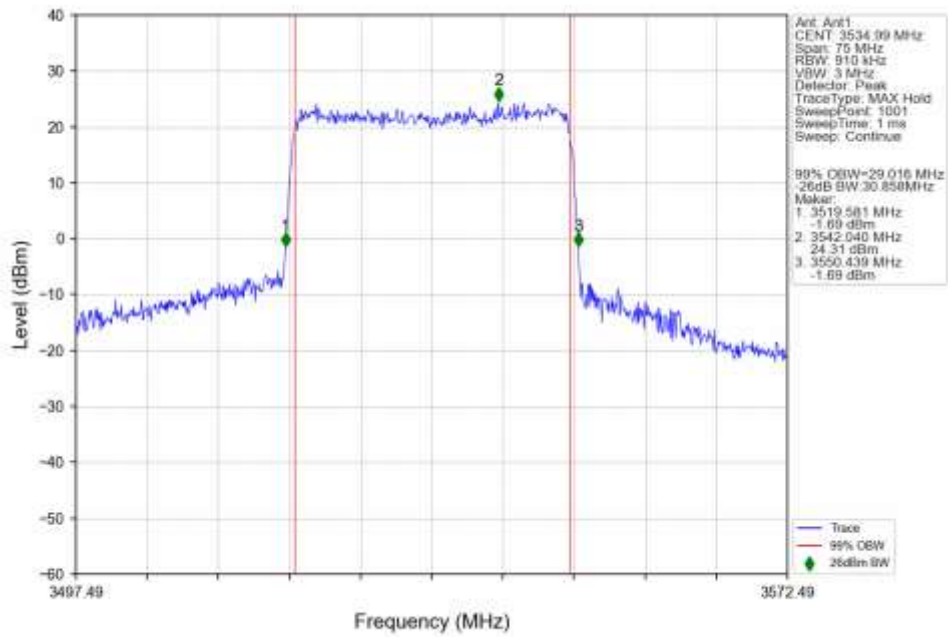
n77d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3465MHz_Outer_Full_Ant1



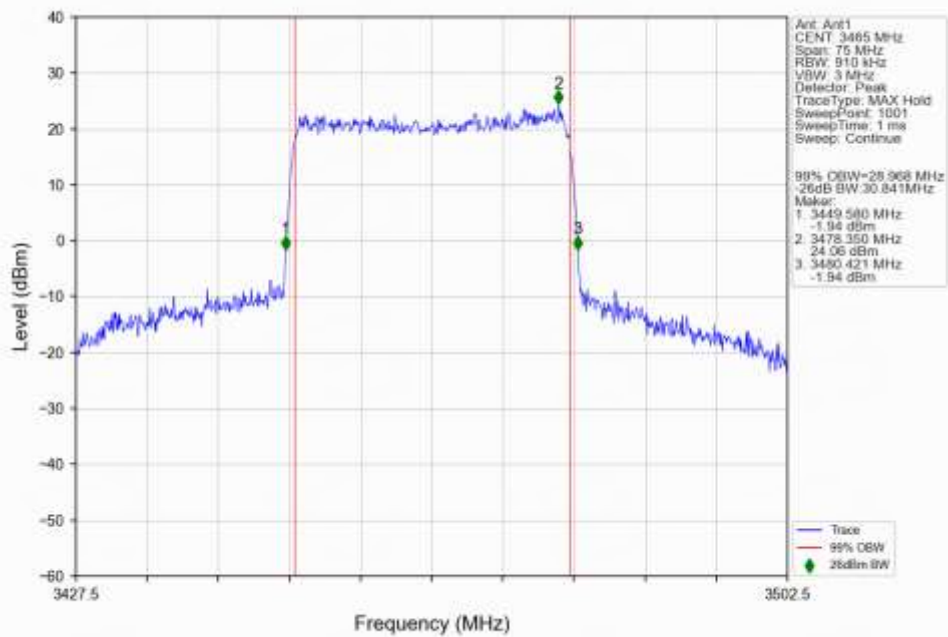
n77d_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3499.995MHz_Outer_Full_Ant1



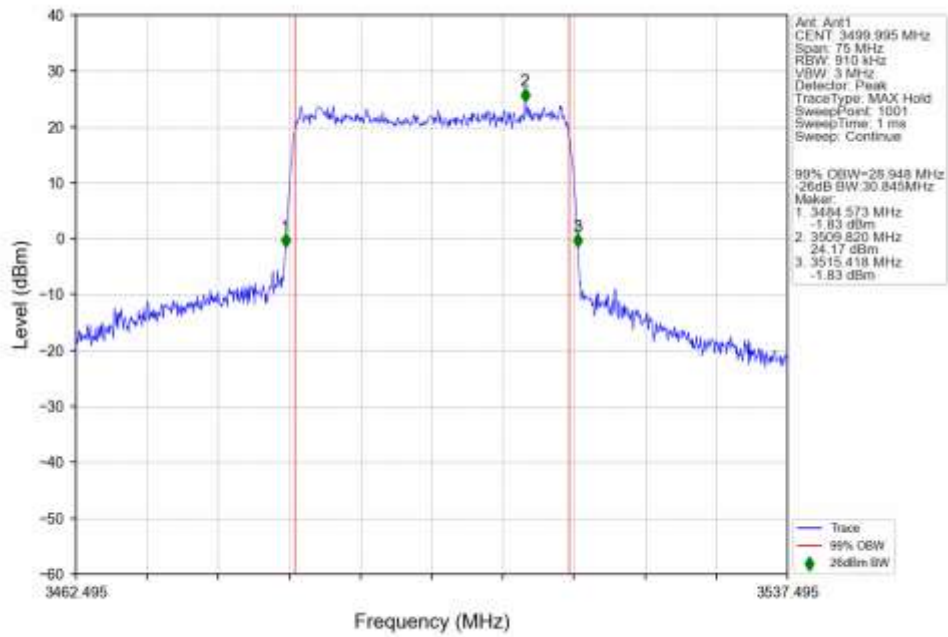
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM QPSK 3534.99MHz Outer Full Ant1



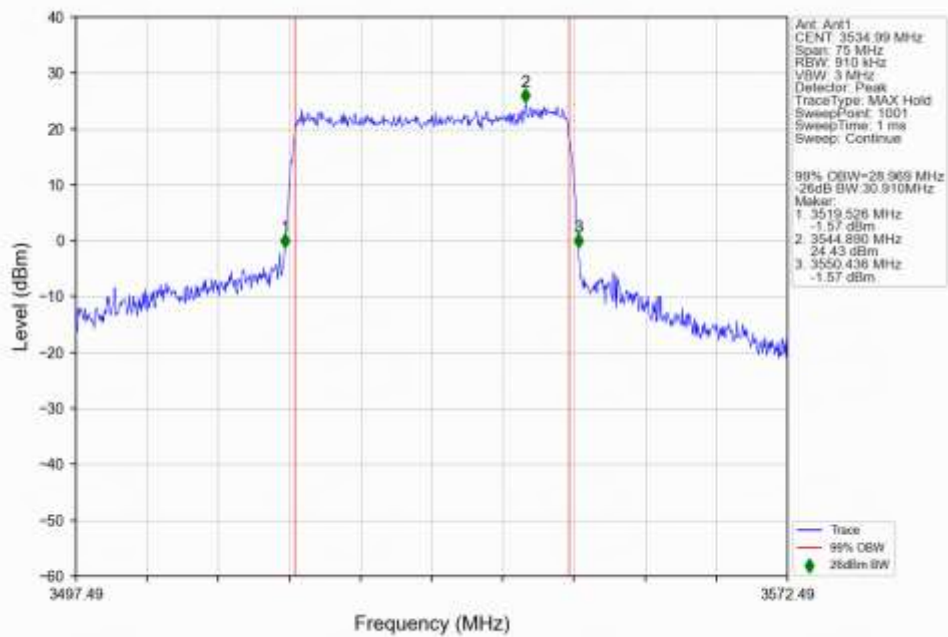
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3465MHz Outer Full Ant1



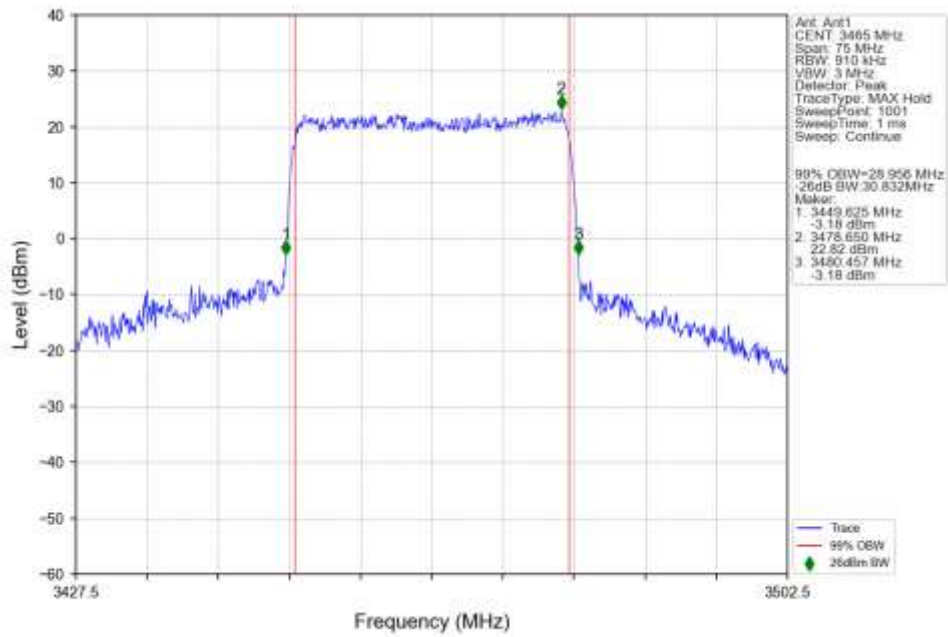
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3499.995MHz Outer Full Ant1



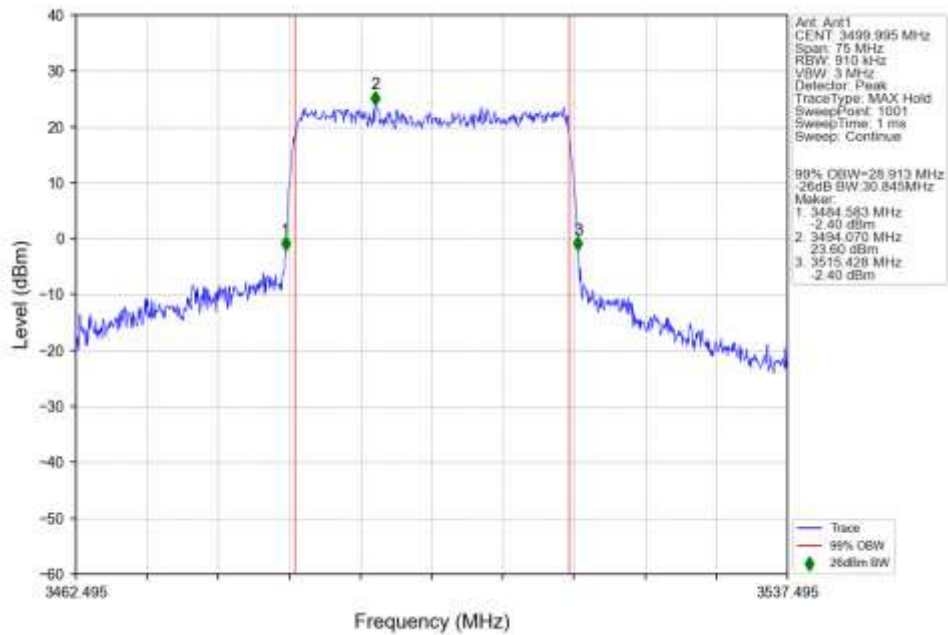
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3534.99MHz Outer Full Ant1



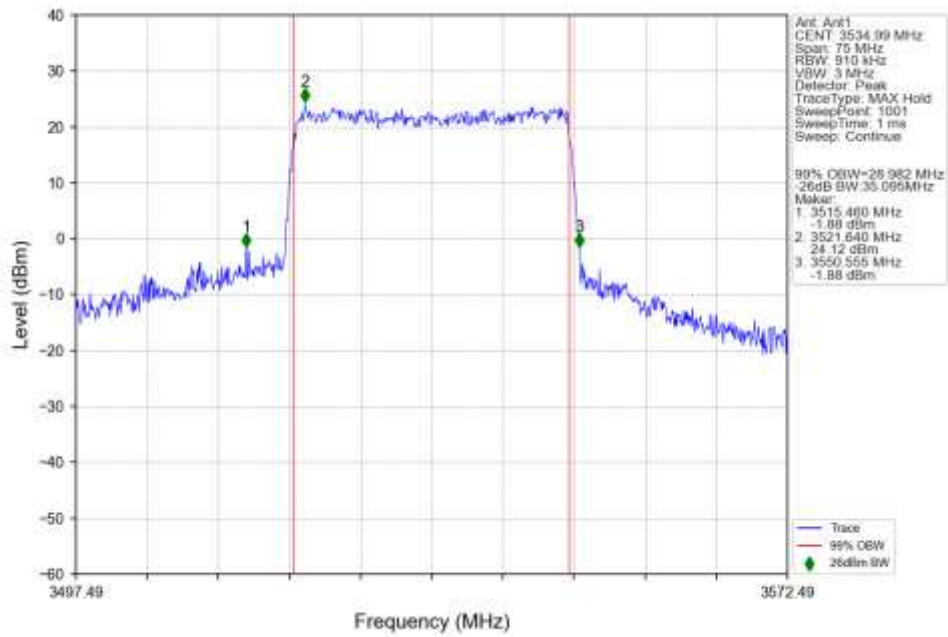
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3465MHz Outer Full Ant1



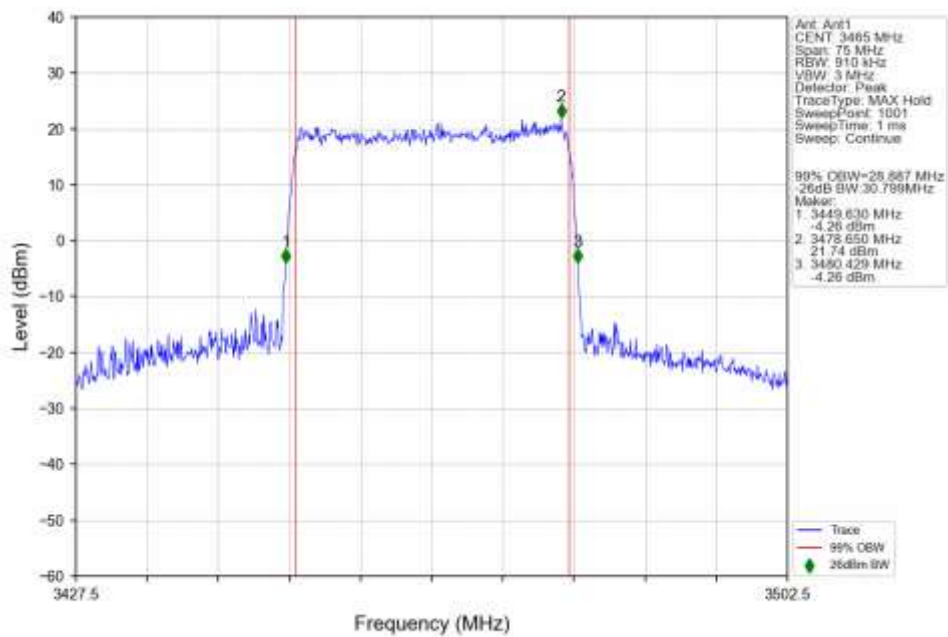
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



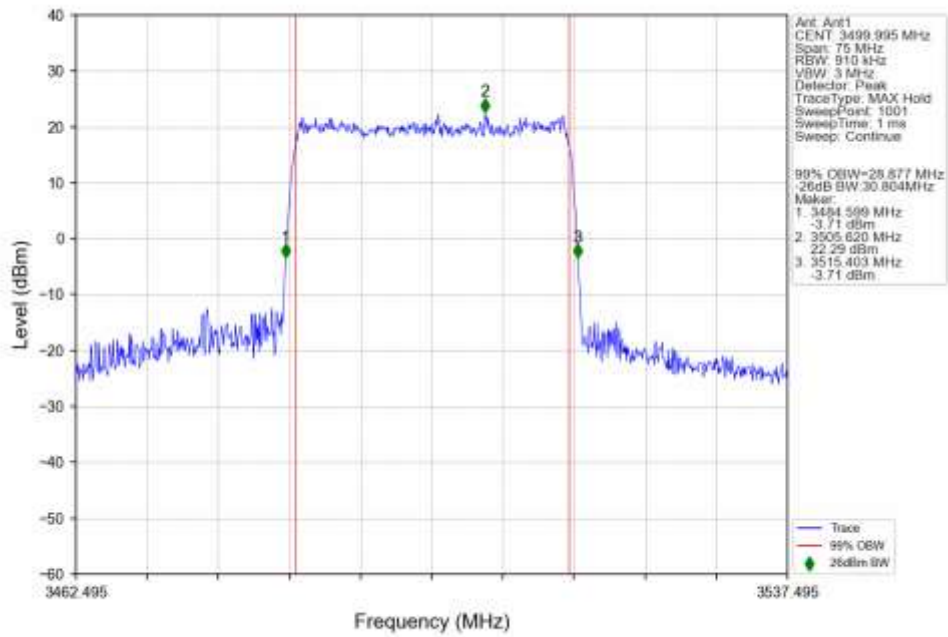
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3534.99MHz Outer Full Ant1



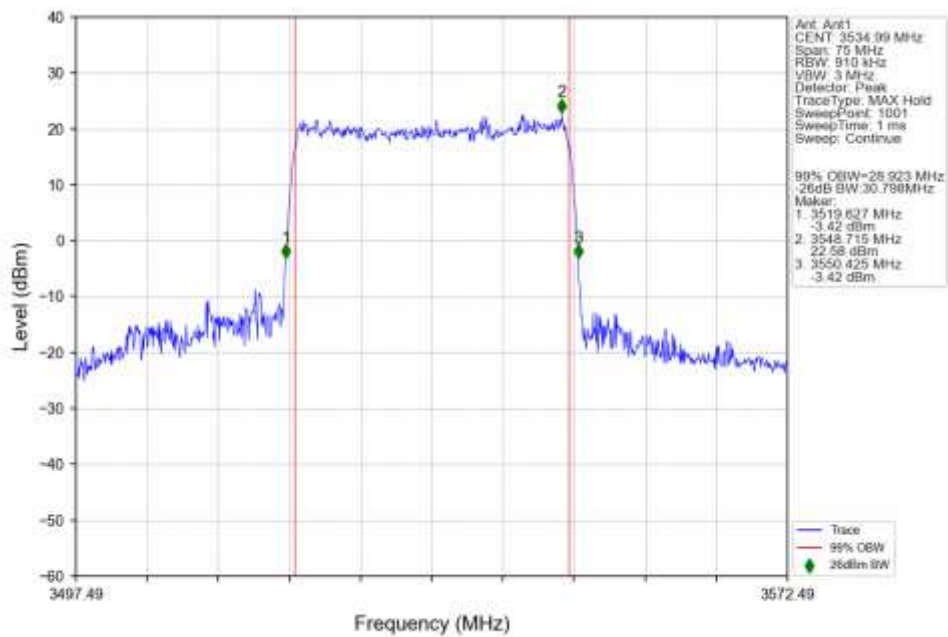
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3465MHz Outer Full Ant1



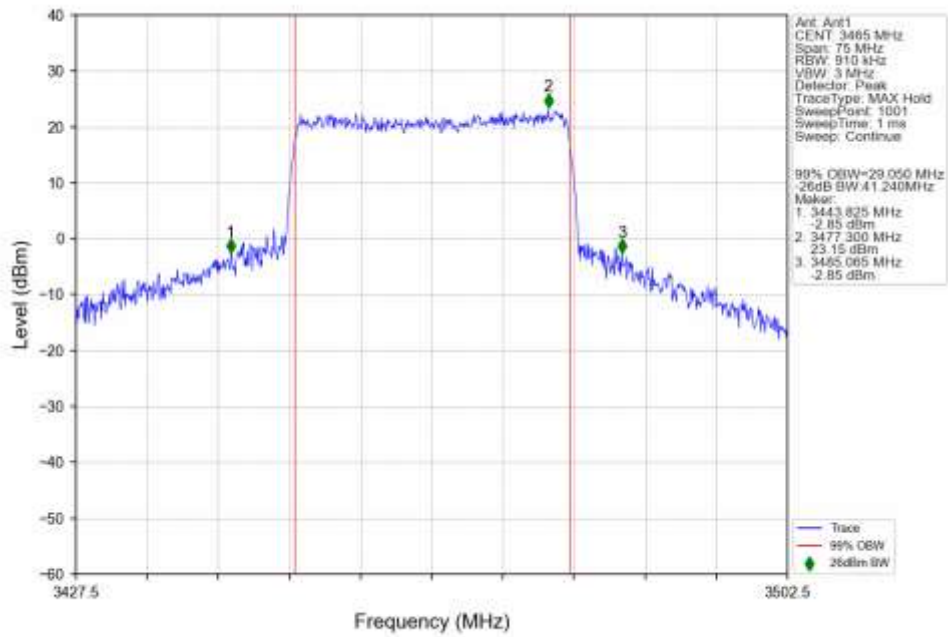
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



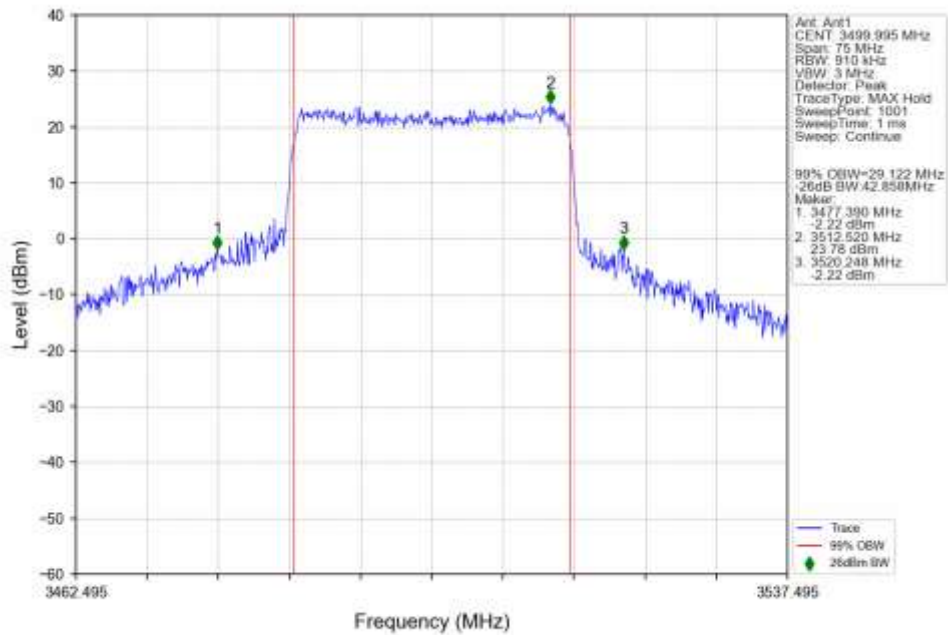
n77d 15kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3534.99MHz Outer Full Ant1



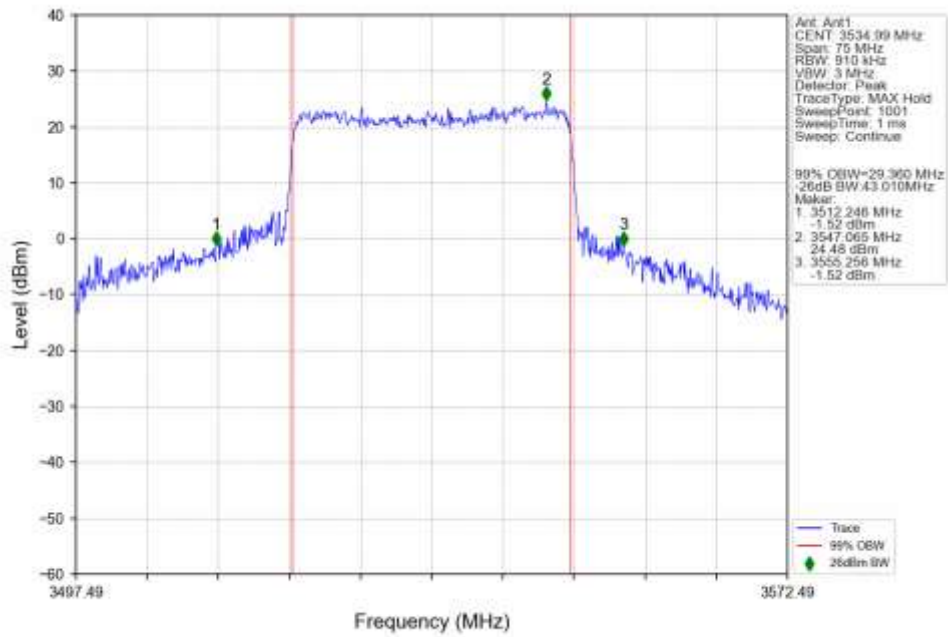
n77d 15kHz SISO NTN 30MHz CP-OFDM QPSK 3465MHz Outer Full Ant1



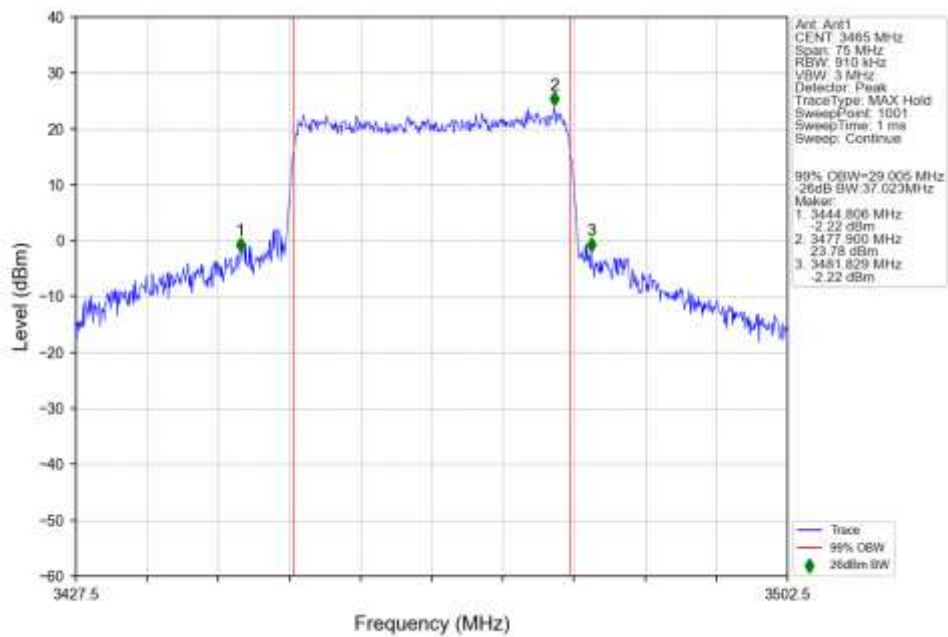
n77d 15kHz SISO NTN 30MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



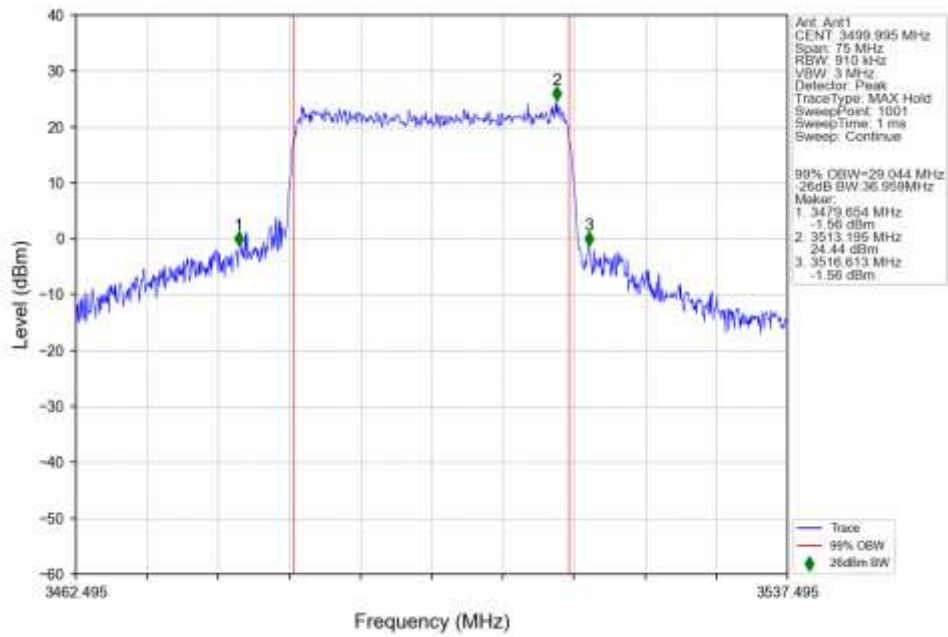
n77d 15kHz SISO NTN 30MHz CP-OFDM QPSK 3534.99MHz Outer Full Ant1



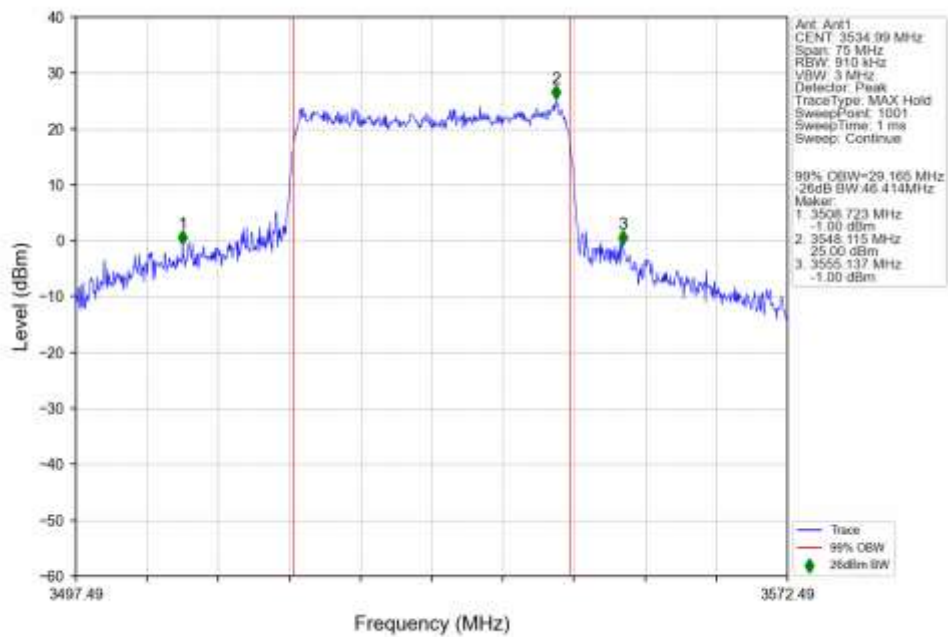
n77d 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 3465MHz Outer Full Ant1



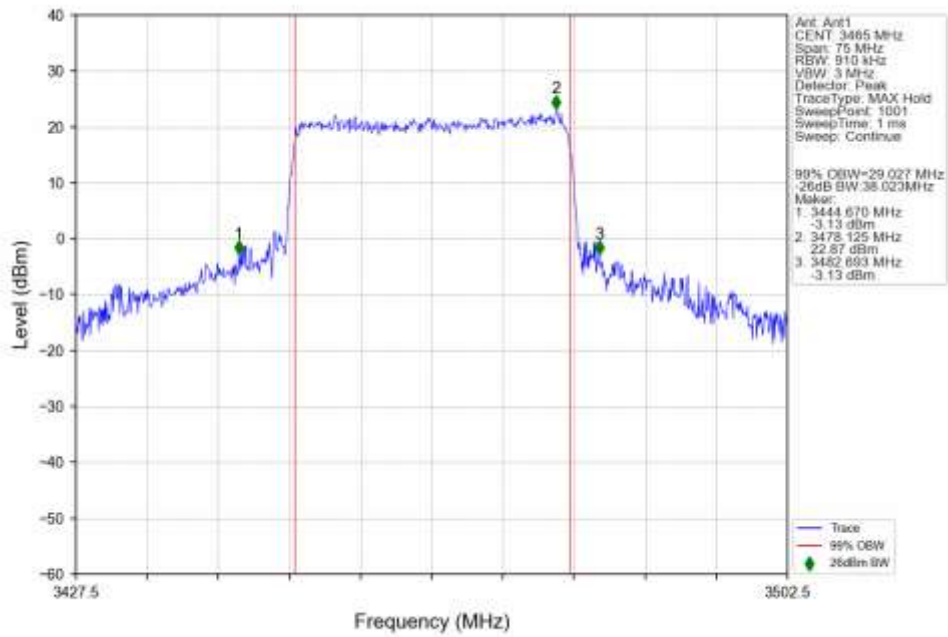
n77d 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1



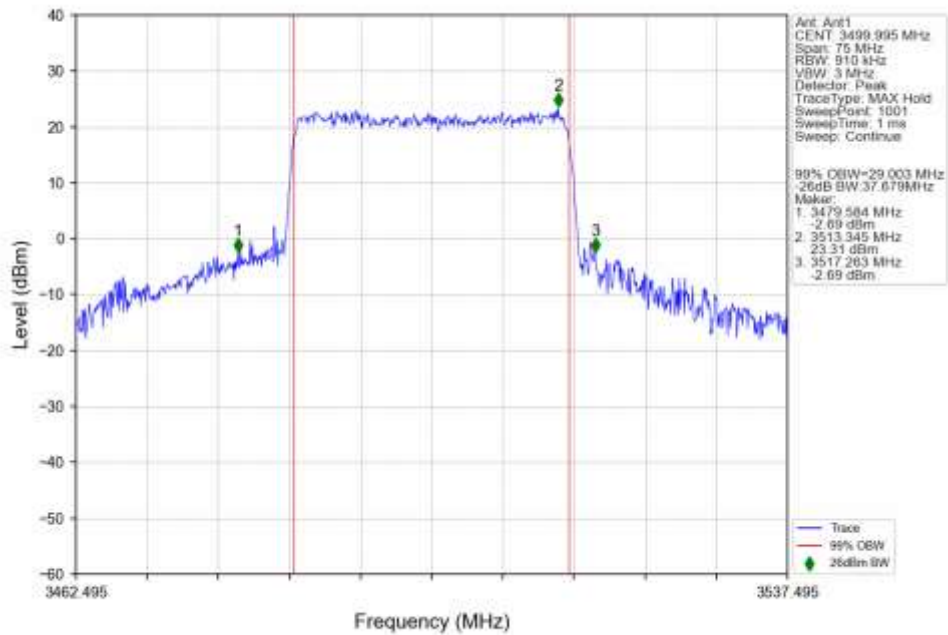
n77d 15kHz SISO NTN 30MHz CP-OFDM 16 QAM 3534.99MHz Outer Full Ant1



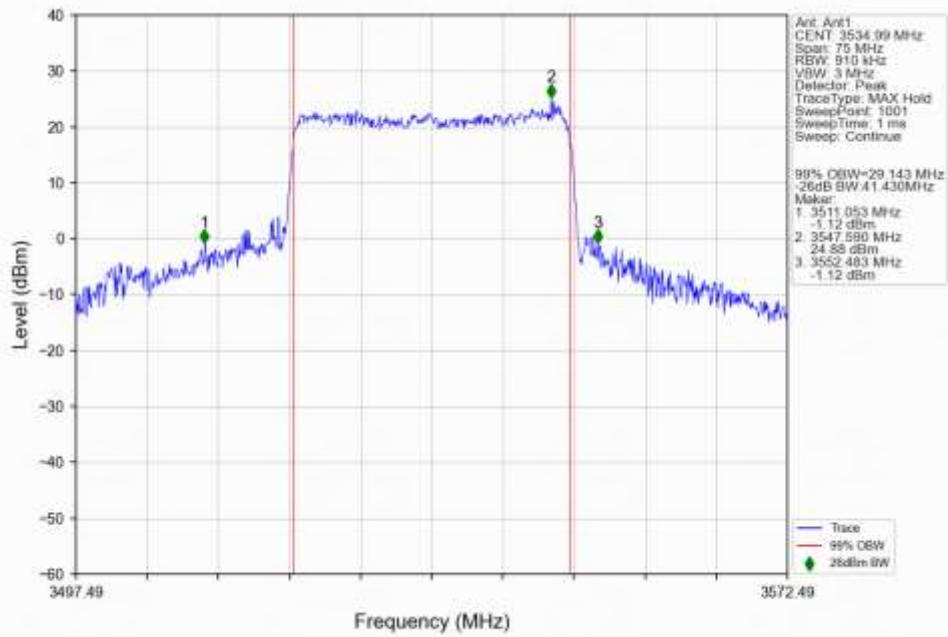
n77d 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 3465MHz Outer Full Ant1



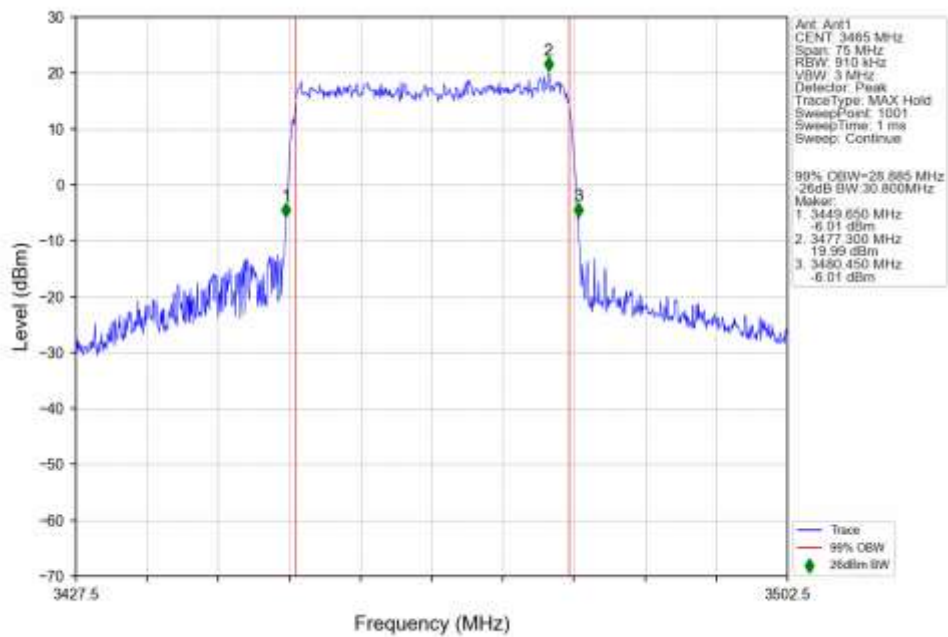
n77d 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 3499.995MHz Outer Full Ant1



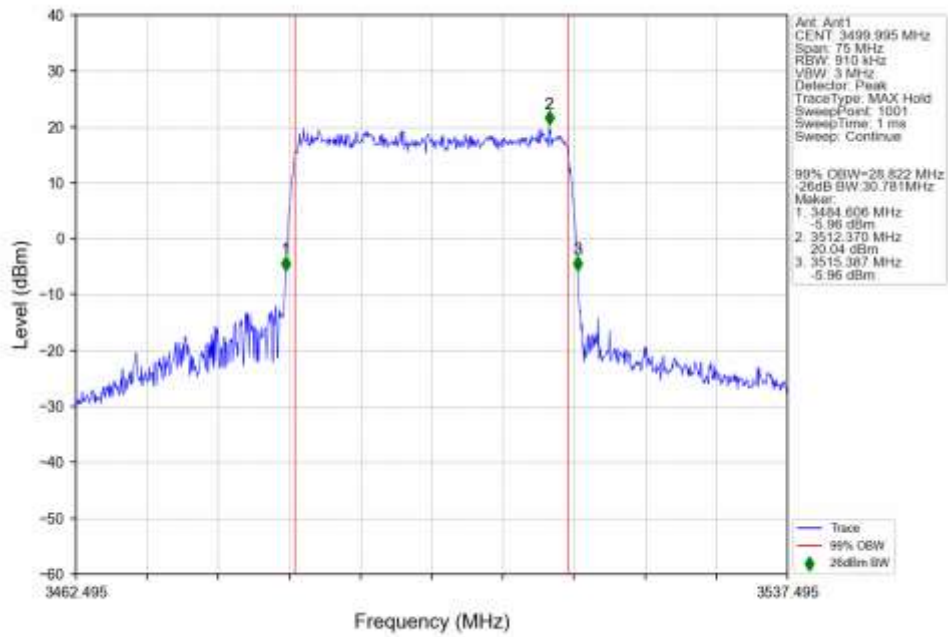
n77d 15kHz SISO NTN 30MHz CP-OFDM 64 QAM 3534.99MHz Outer Full Ant1



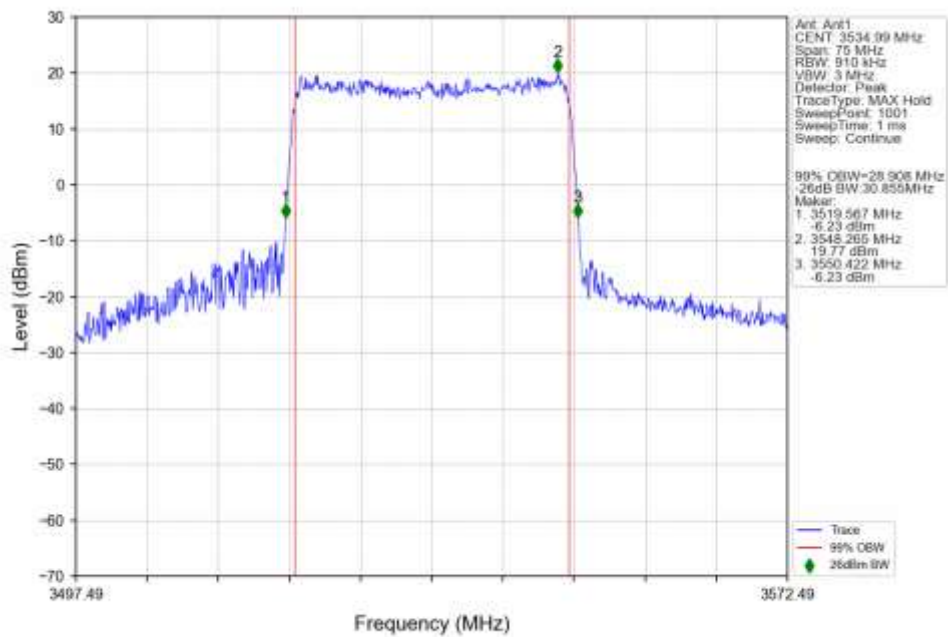
n77d 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 3465MHz Outer Full Ant1



n77d 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 3499.995MHz Outer Full Ant1

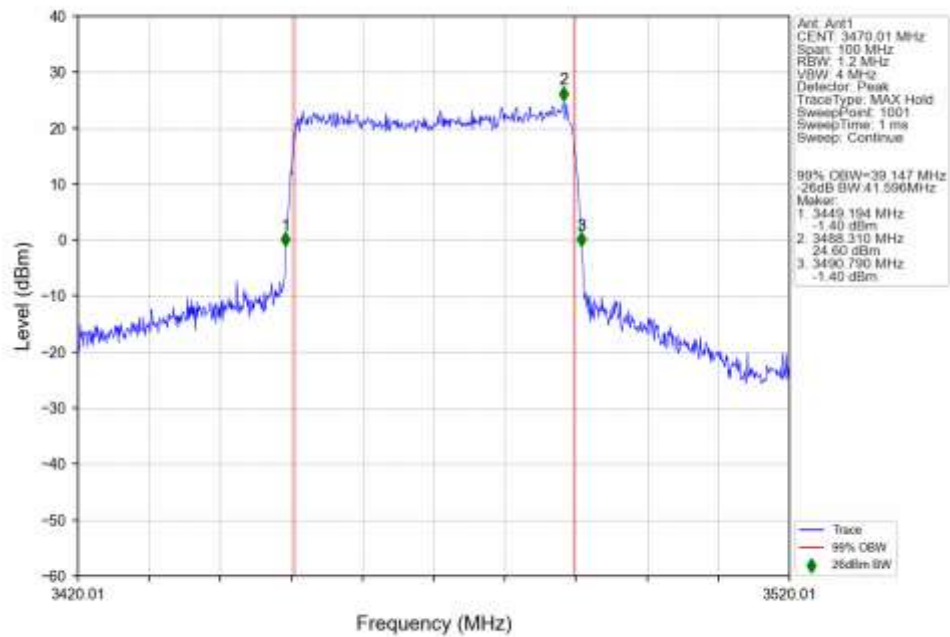


n77d 15kHz SISO NTN 30MHz CP-OFDM 256 QAM 3534.99MHz Outer Full Ant1

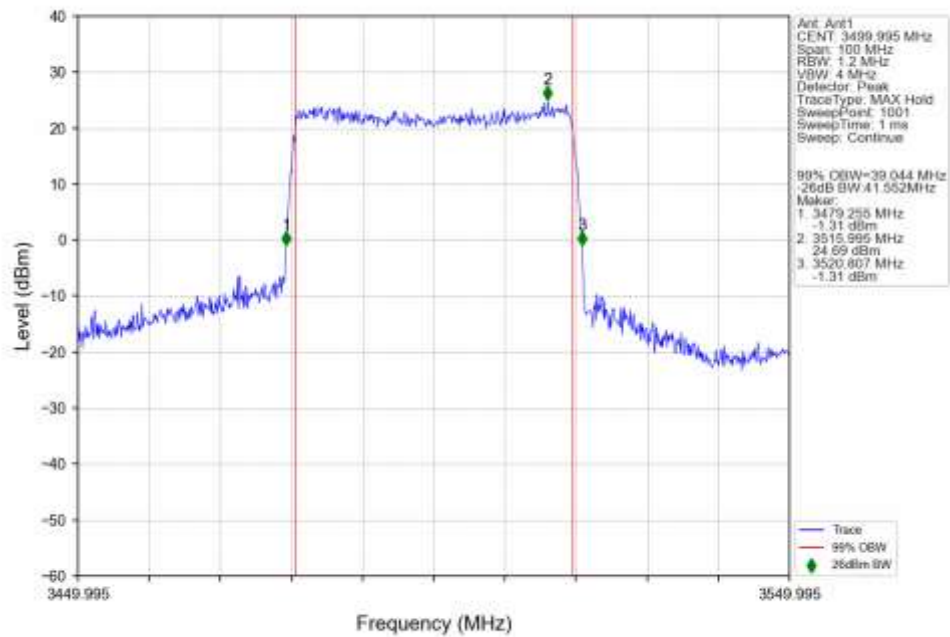


4.2.6 15k_SISO_40MHz_NTNV

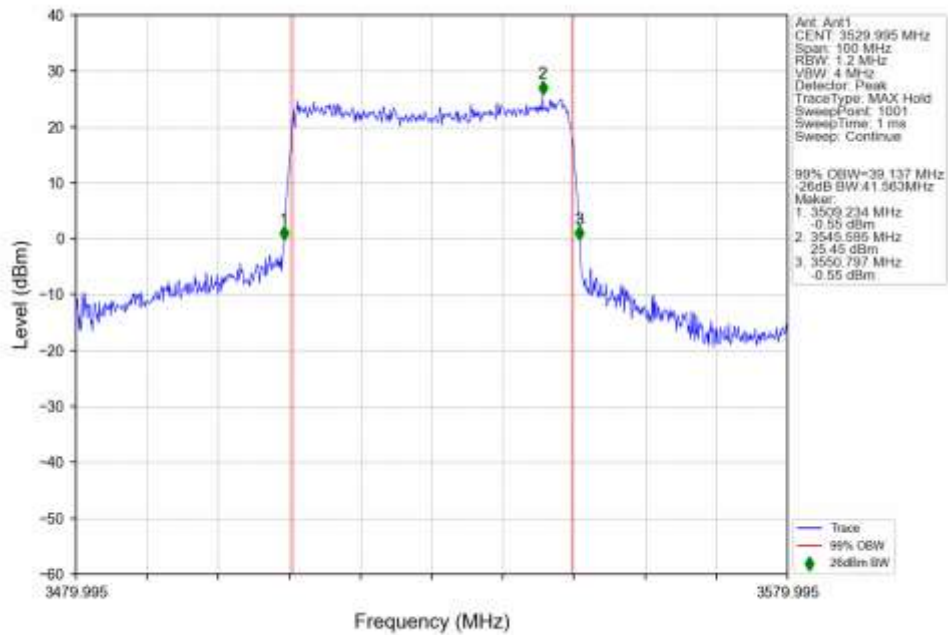
n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3470.01MHz_Outer_Full_Ant1



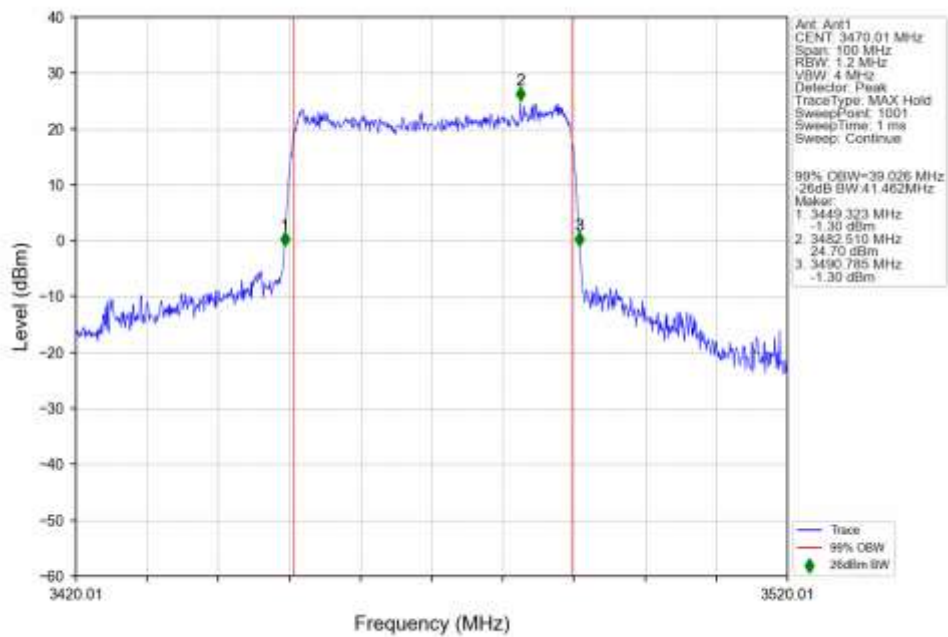
n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3499.995MHz_Outer_Full_Ant1



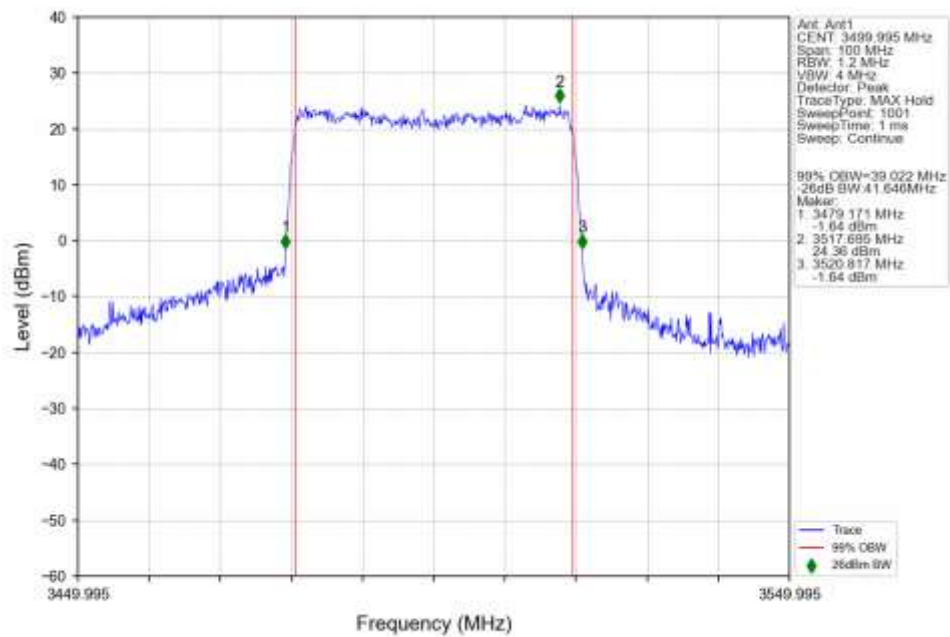
n77d 15kHz SISO NTNv 40MHz DFT-s-OFDM QPSK 3529.995MHz Outer Full Ant1



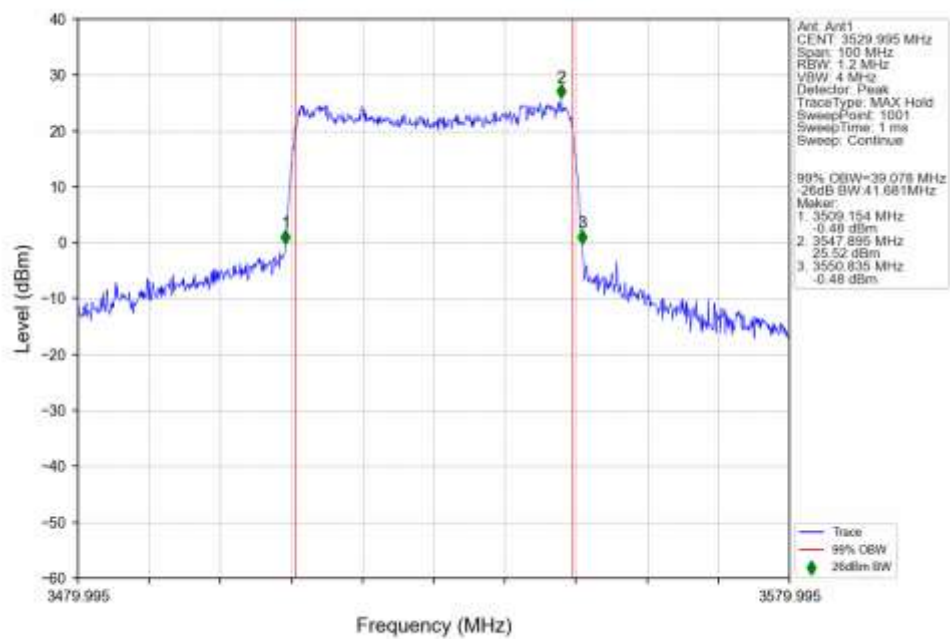
n77d 15kHz SISO NTNv 40MHz DFT-s-OFDM 16 QAM 3470.01MHz Outer Full Ant1



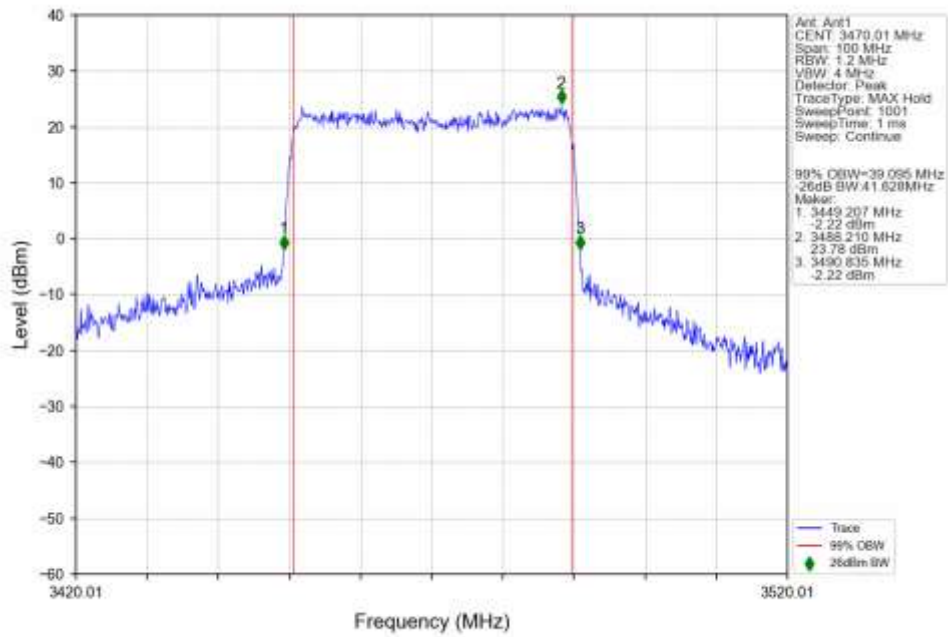
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3499.995MHz Outer Full Ant1



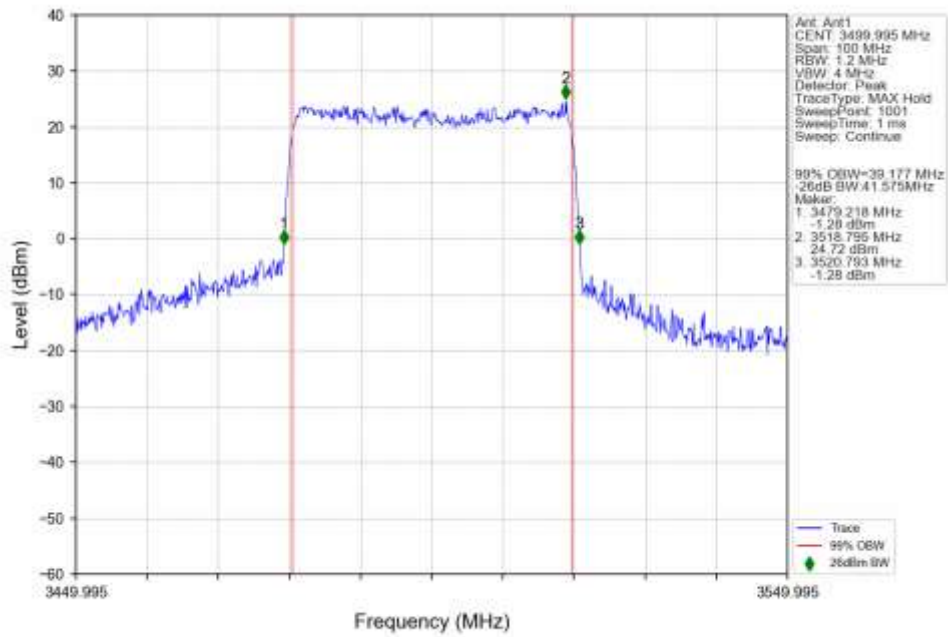
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 16 QAM 3529.995MHz Outer Full Ant1



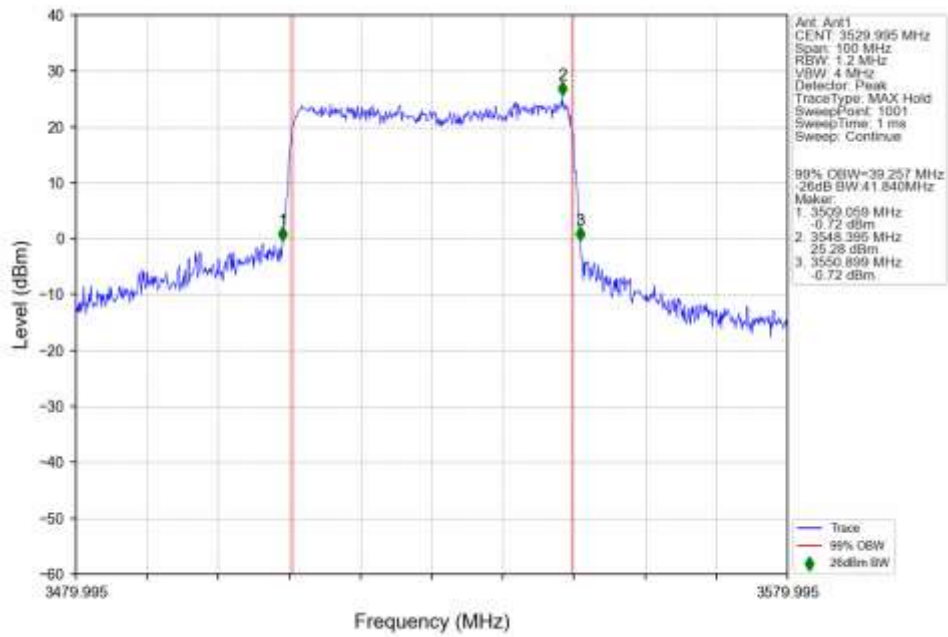
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3470.01MHz Outer Full Ant1



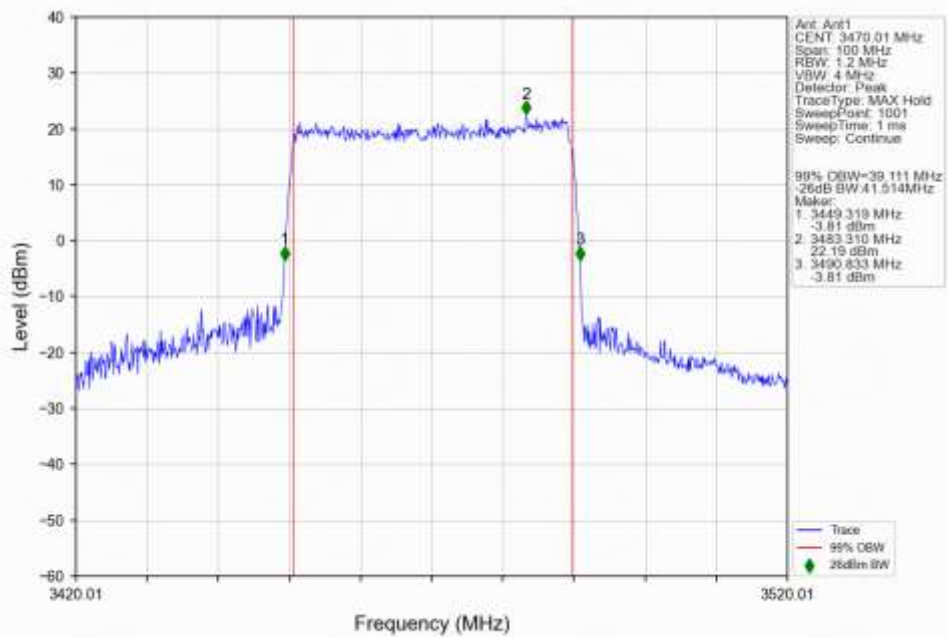
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



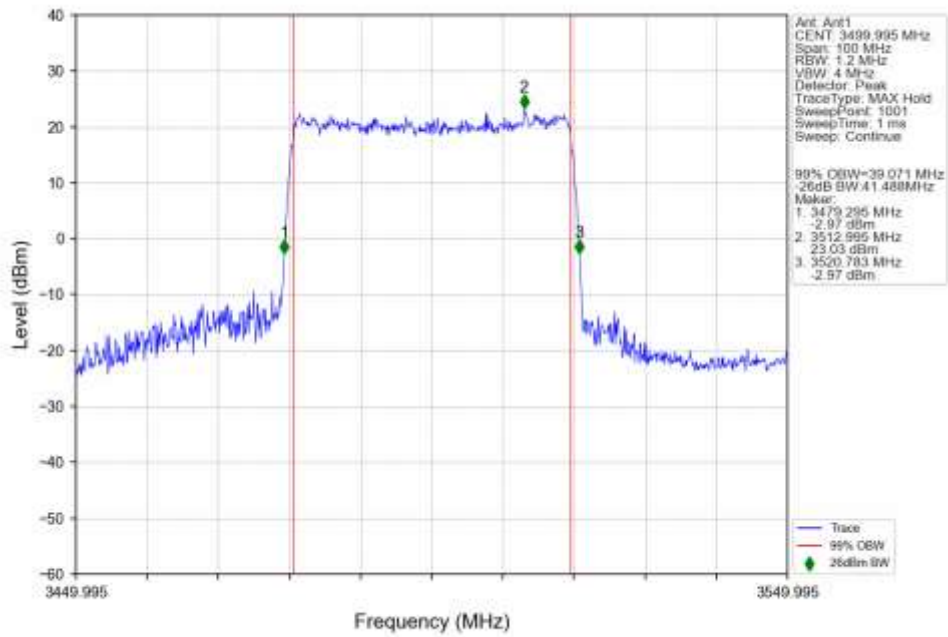
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3529.995MHz Outer Full Ant1



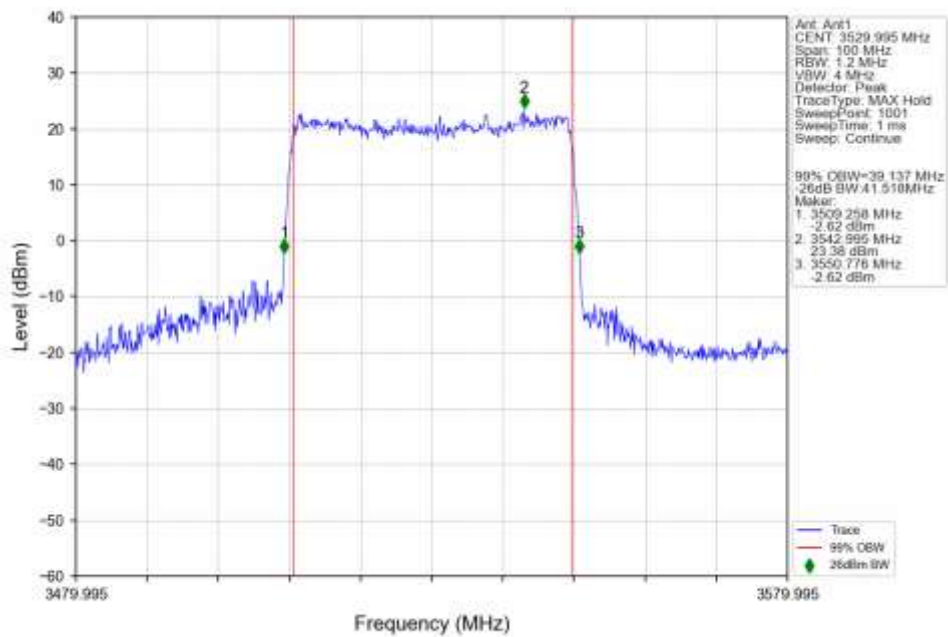
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3470.01MHz Outer Full Ant1



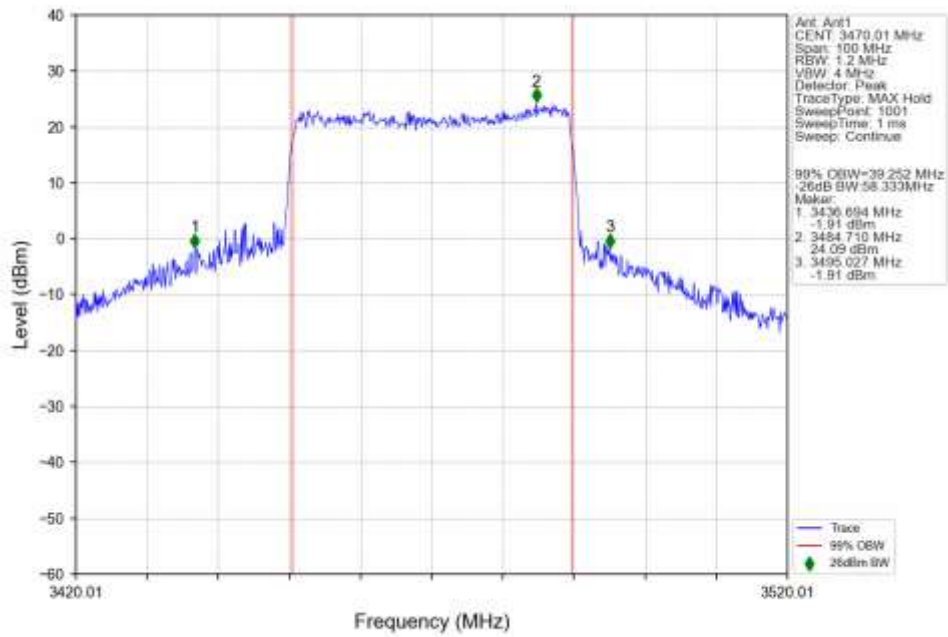
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



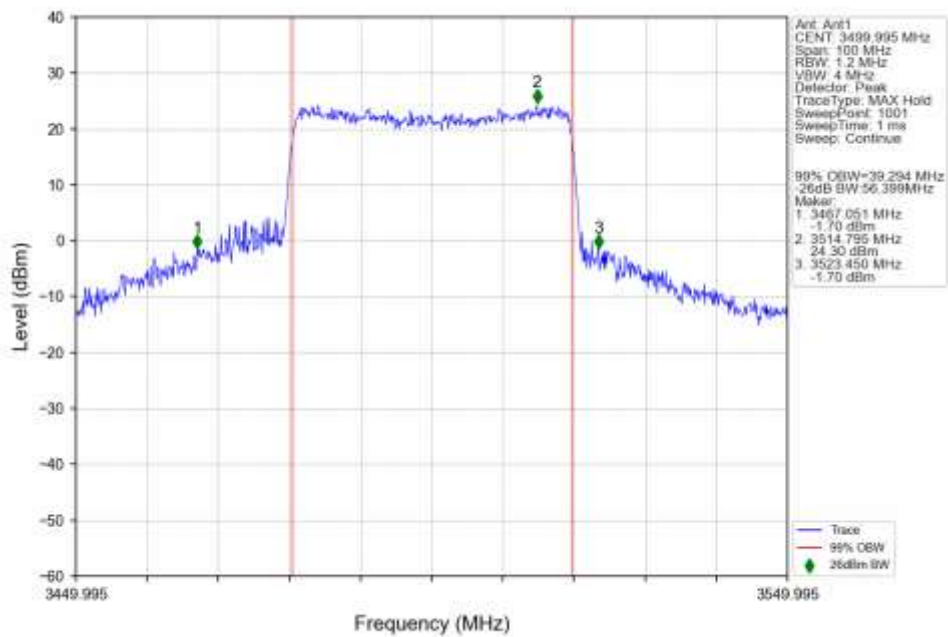
n77d 15kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3529.995MHz Outer Full Ant1



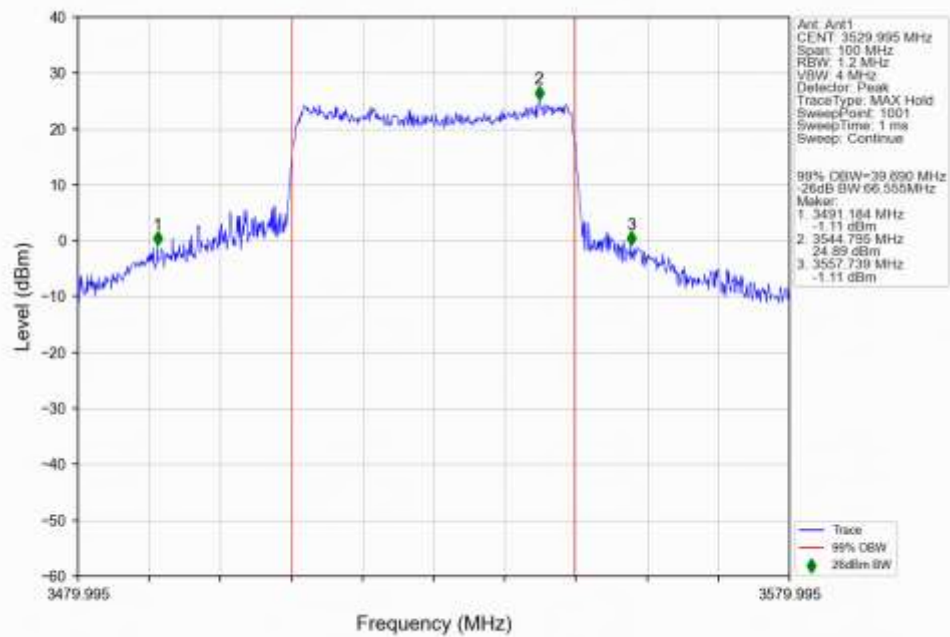
n77d 15kHz SISO NTN 40MHz CP-OFDM QPSK 3470.01MHz Outer Full Ant1



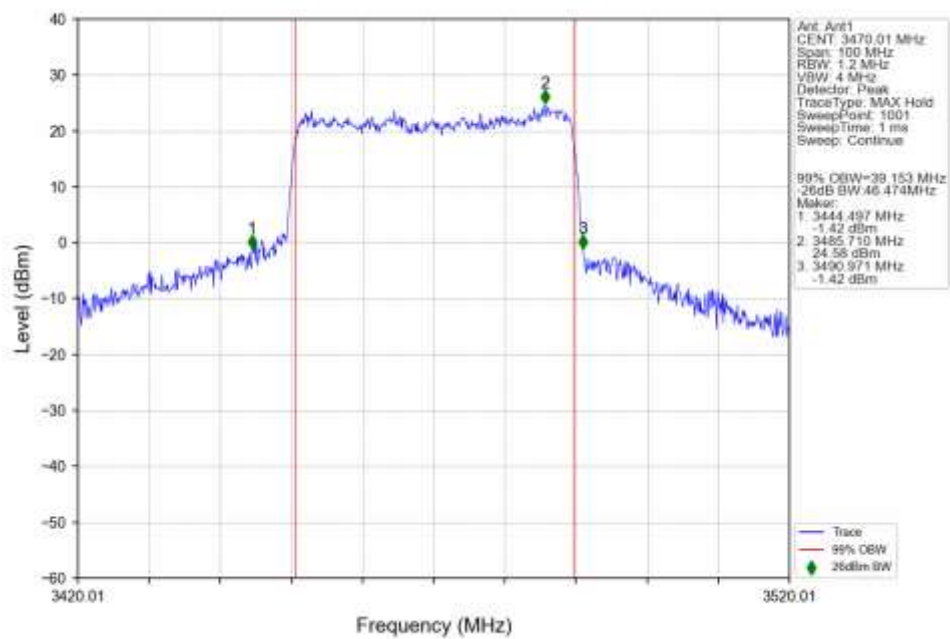
n77d 15kHz SISO NTN 40MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



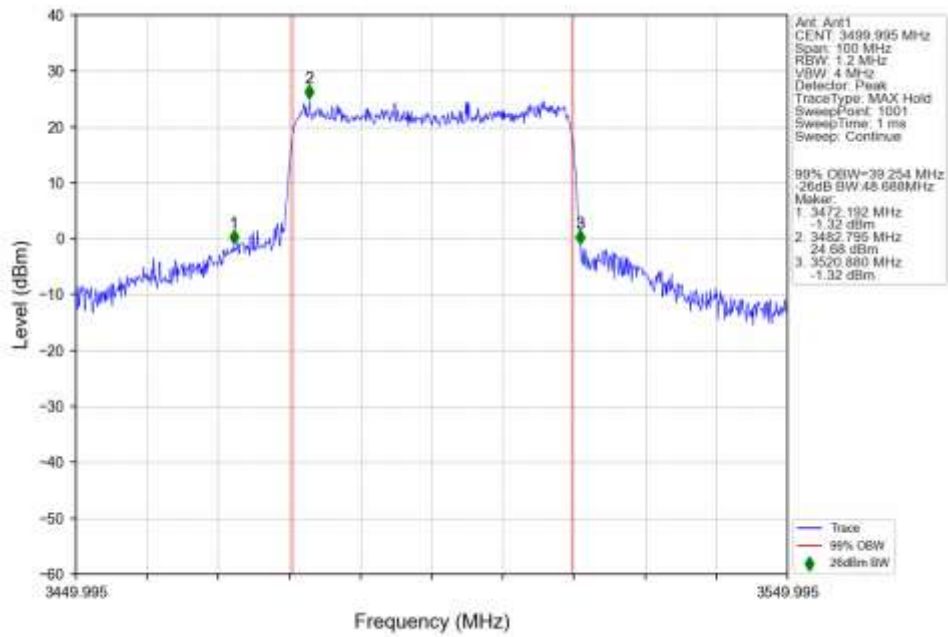
n77d 15kHz SISO NTN 40MHz CP-OFDM QPSK 3529.995MHz Outer Full Ant1



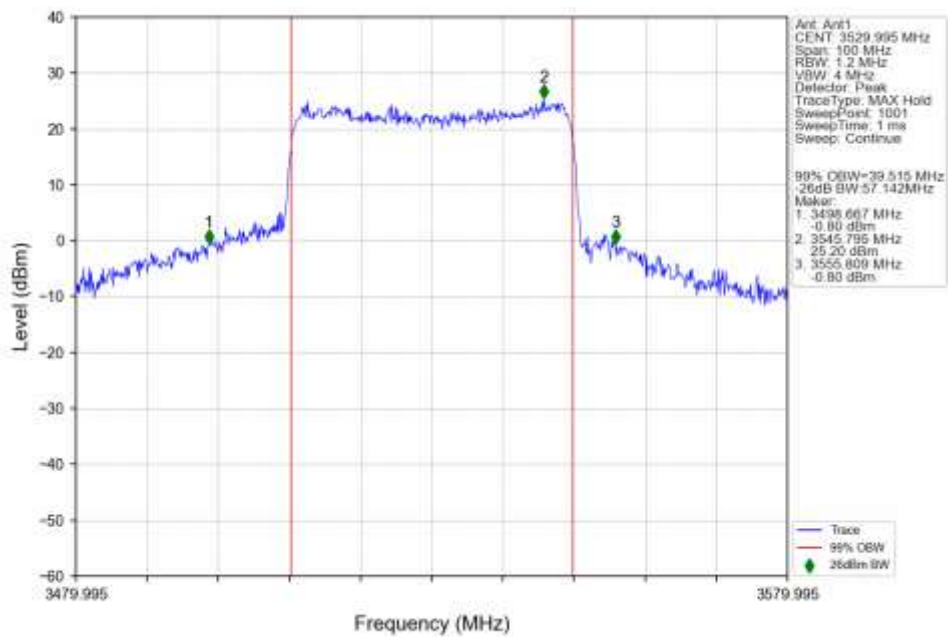
n77d 15kHz SISO NTN 40MHz CP-OFDM 16 QAM 3470.01MHz Outer Full Ant1



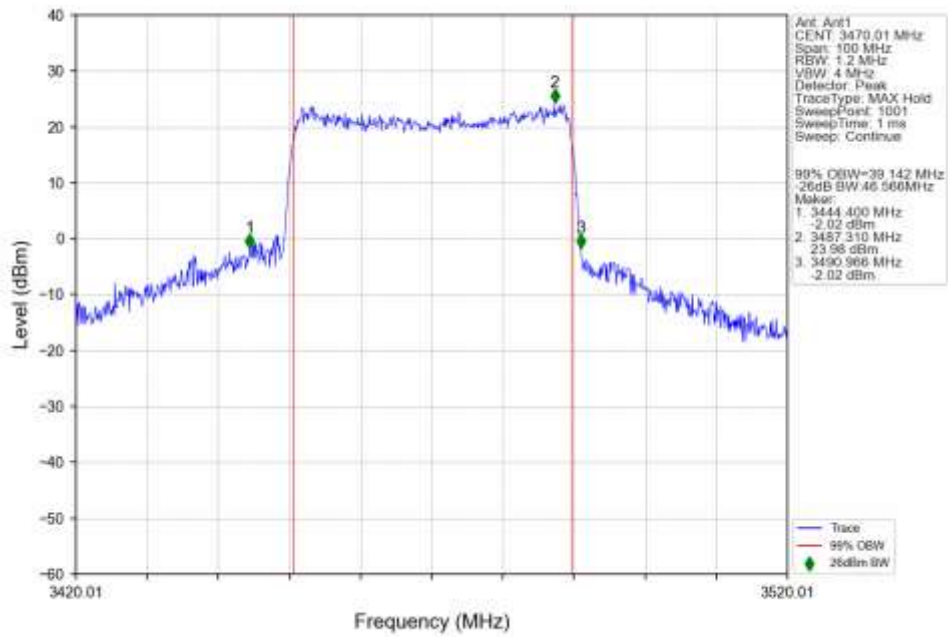
n77d 15kHz SISO NTN 40MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1



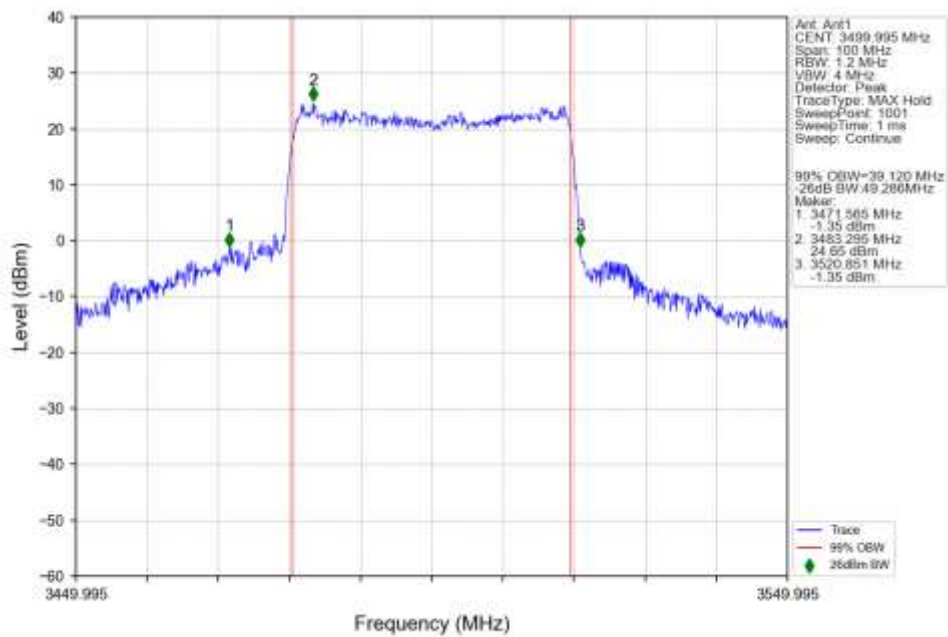
n77d 15kHz SISO NTN 40MHz CP-OFDM 16 QAM 3529.995MHz Outer Full Ant1



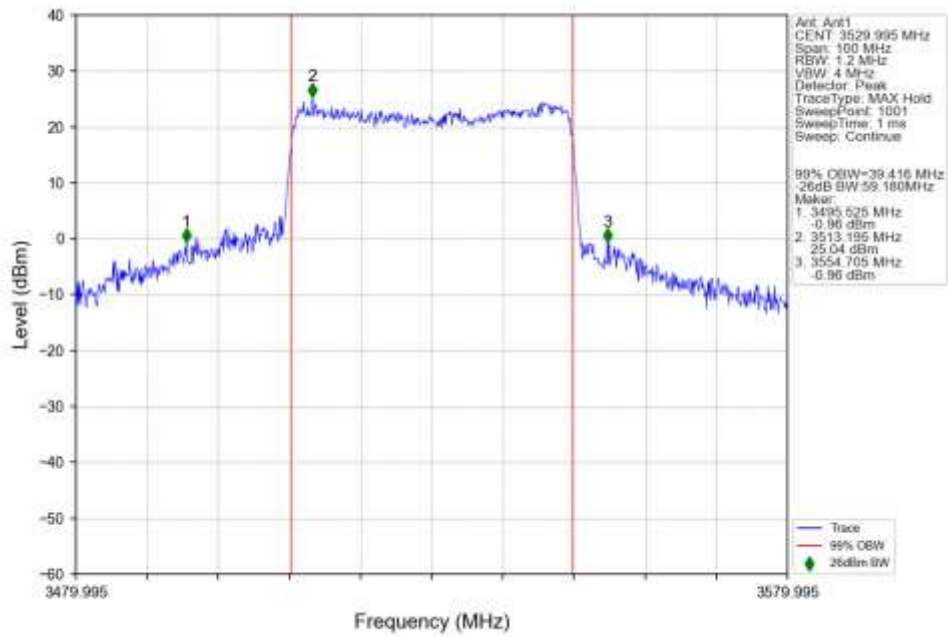
n77d 15kHz SISO NTN 40MHz CP-OFDM 64 QAM 3470.01MHz Outer Full Ant1



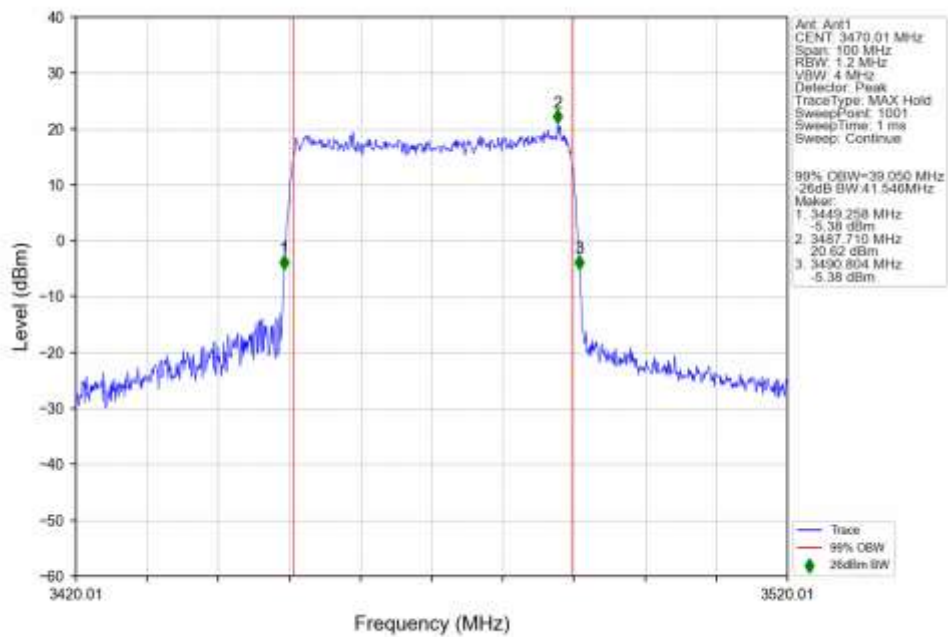
n77d 15kHz SISO NTN 40MHz CP-OFDM 64 QAM 3499.995MHz Outer Full Ant1



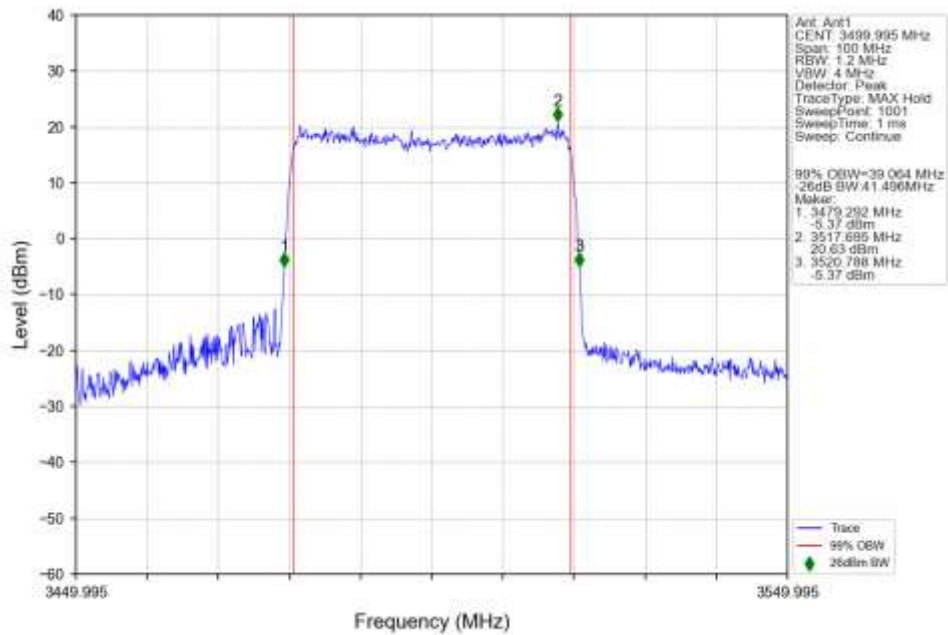
n77d 15kHz SISO NTN 40MHz CP-OFDM 64 QAM 3529.995MHz Outer Full Ant1



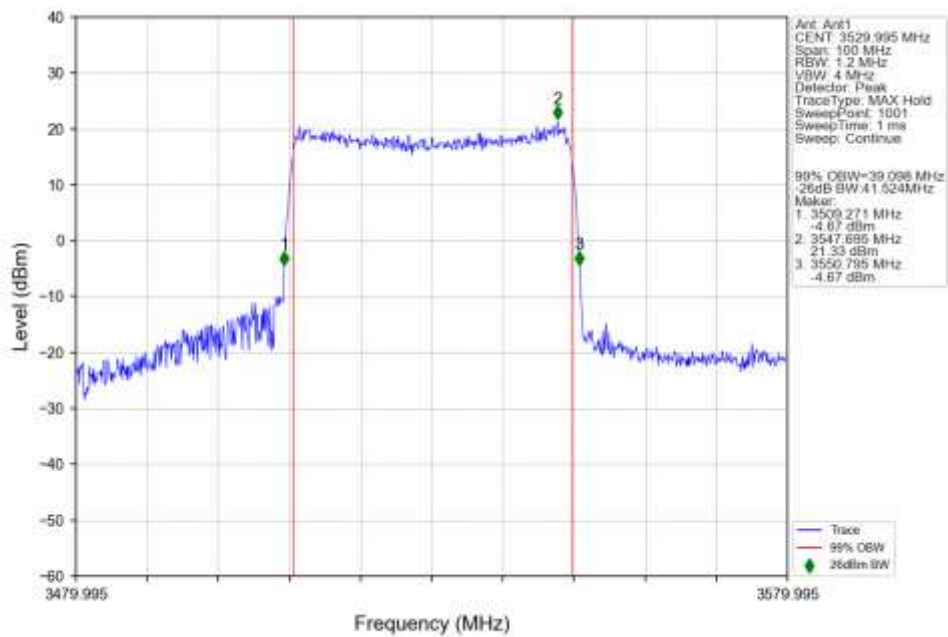
n77d 15kHz SISO NTN 40MHz CP-OFDM 256 QAM 3470.01MHz Outer Full Ant1



n77d 15kHz SISO NTN 40MHz CP-OFDM 256 QAM 3499.995MHz Outer Full Ant1

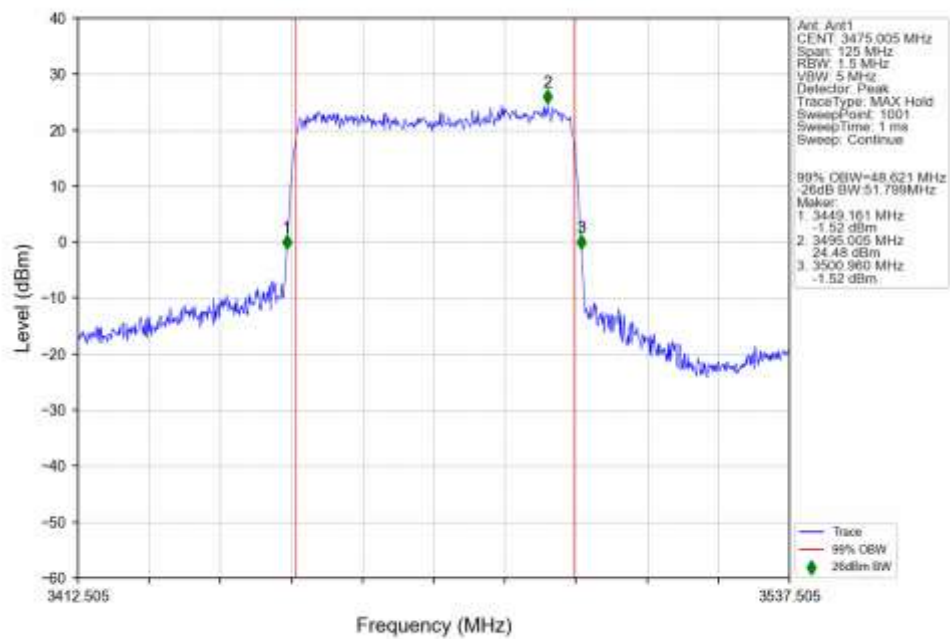


n77d 15kHz SISO NTN 40MHz CP-OFDM 256 QAM 3529.995MHz Outer Full Ant1

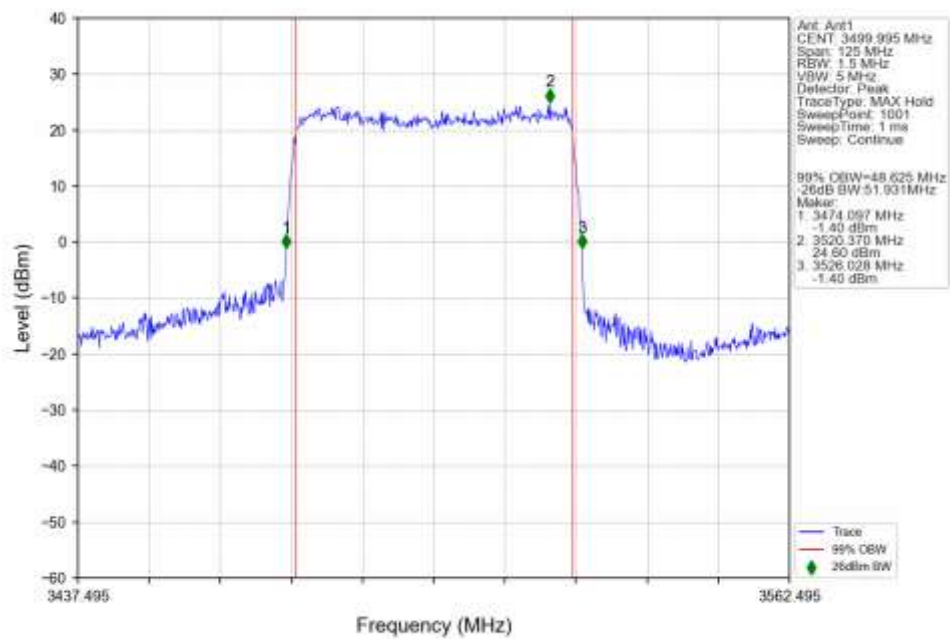


4.2.7 15k_SISO_50MHz_NTNV

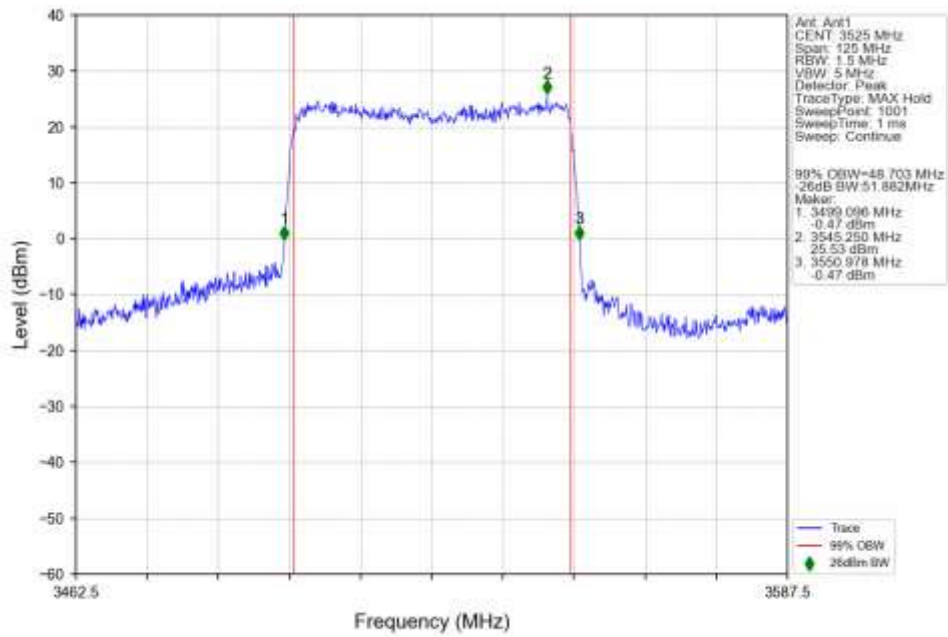
n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3475.005MHz_Outer_Full_Ant1



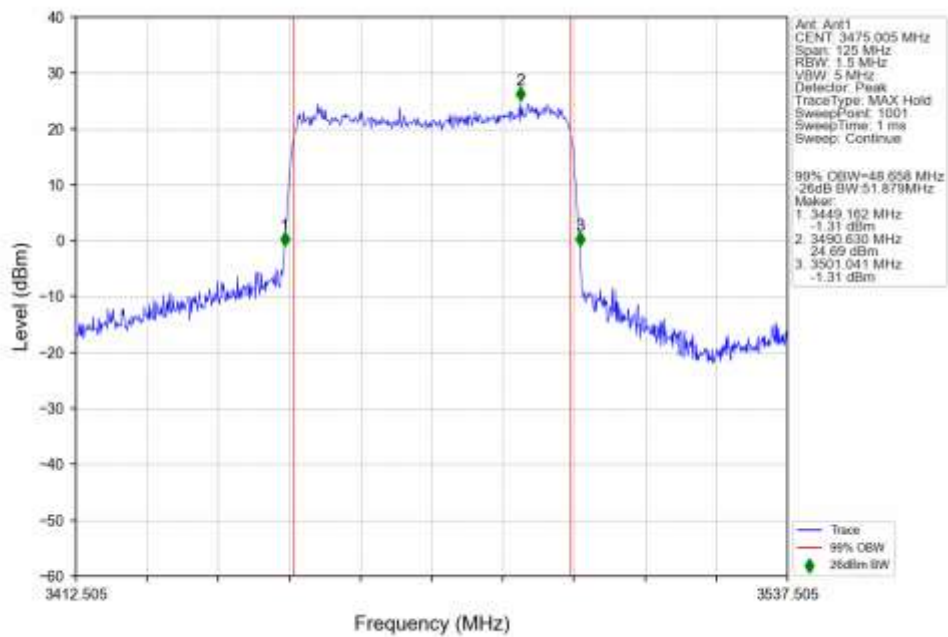
n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3499.995MHz_Outer_Full_Ant1



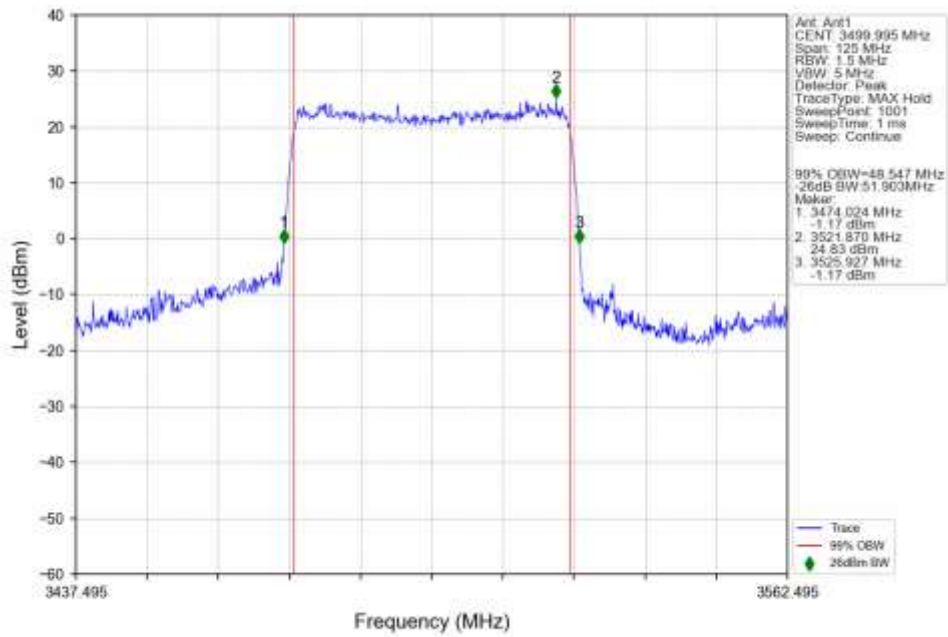
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Outer Full Ant1



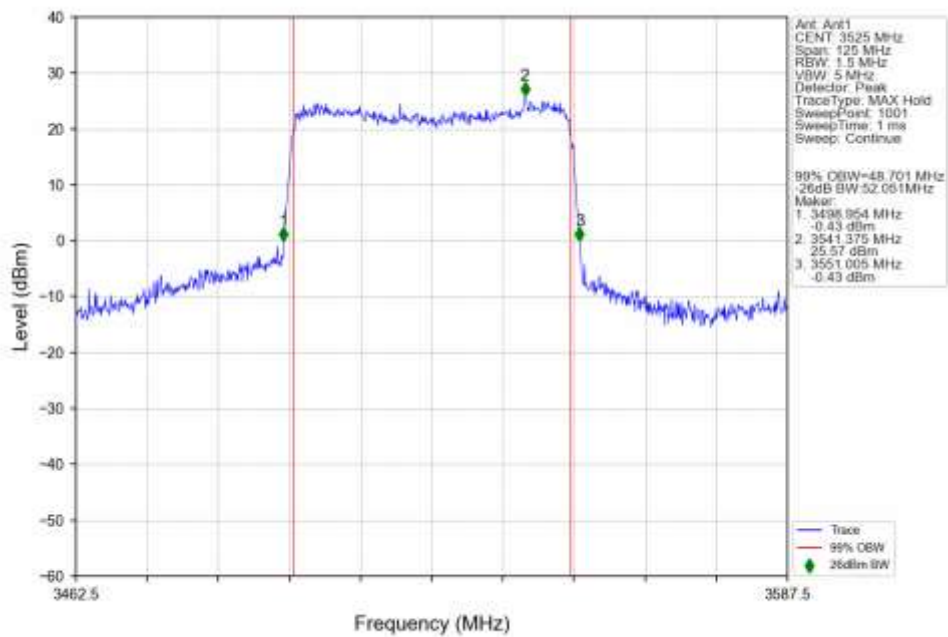
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 3475.005MHz Outer Full Ant1



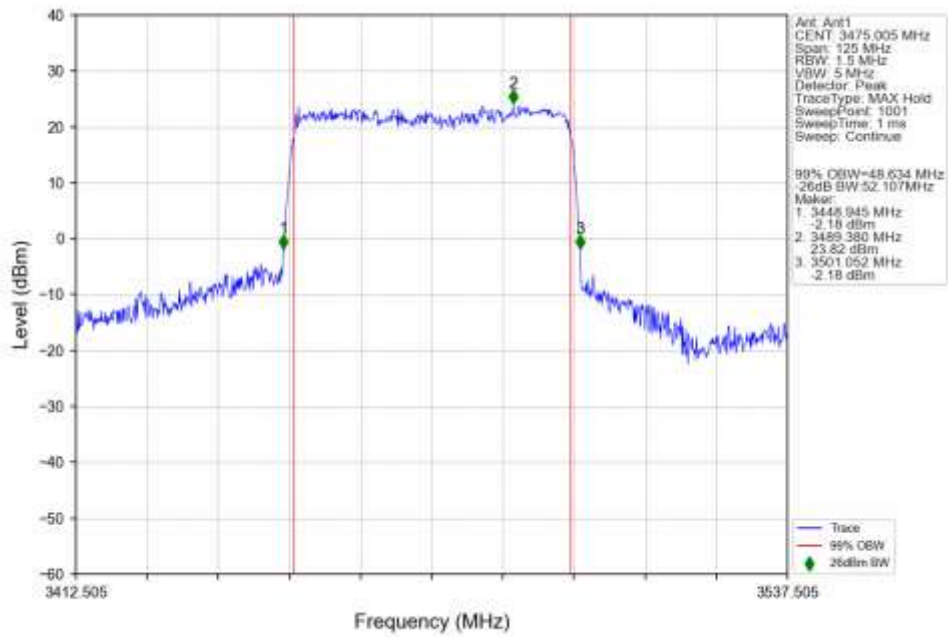
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 3499.995MHz Outer Full Ant1



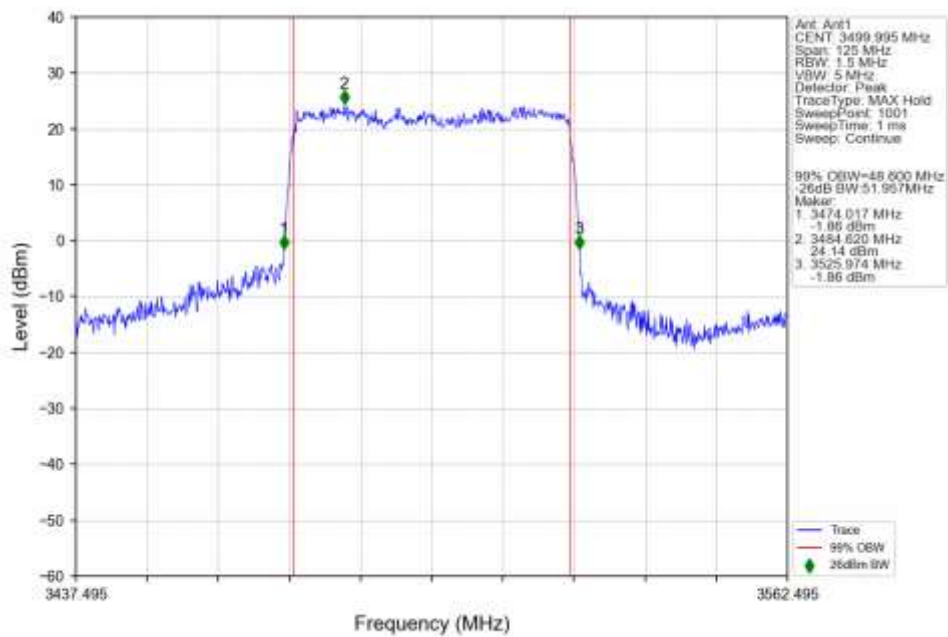
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 3525MHz Outer Full Ant1



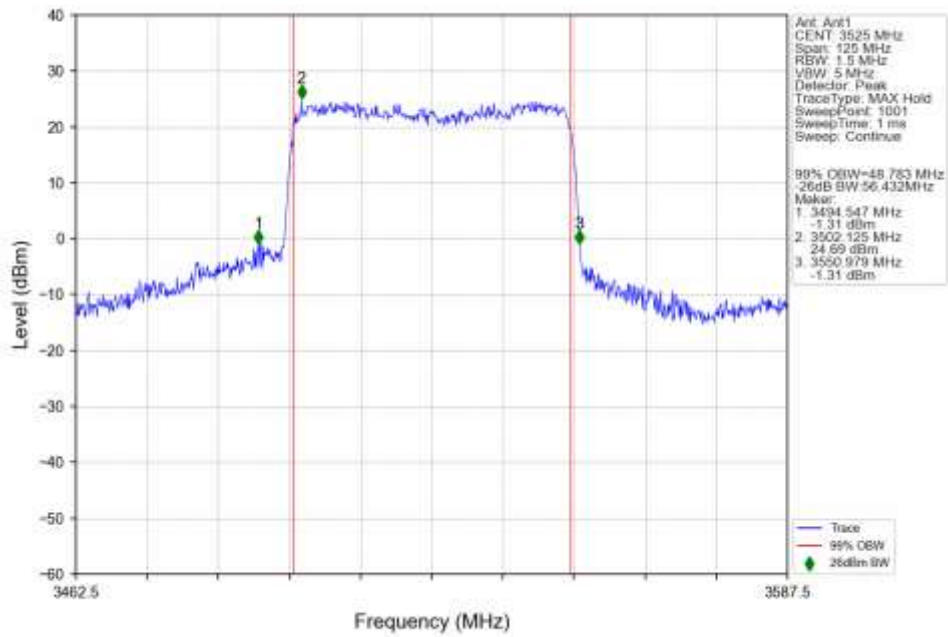
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3475.005MHz Outer Full Ant1



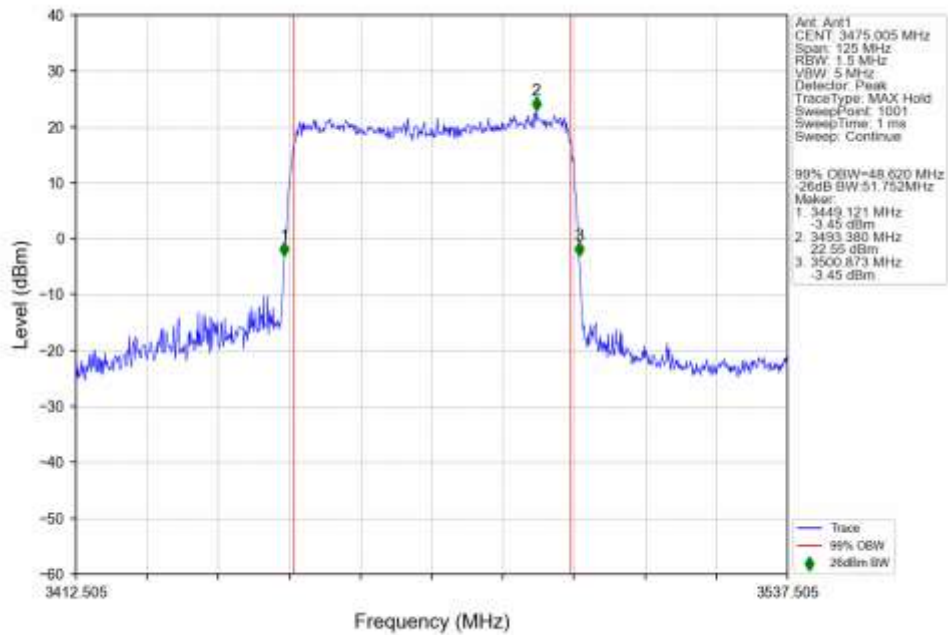
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



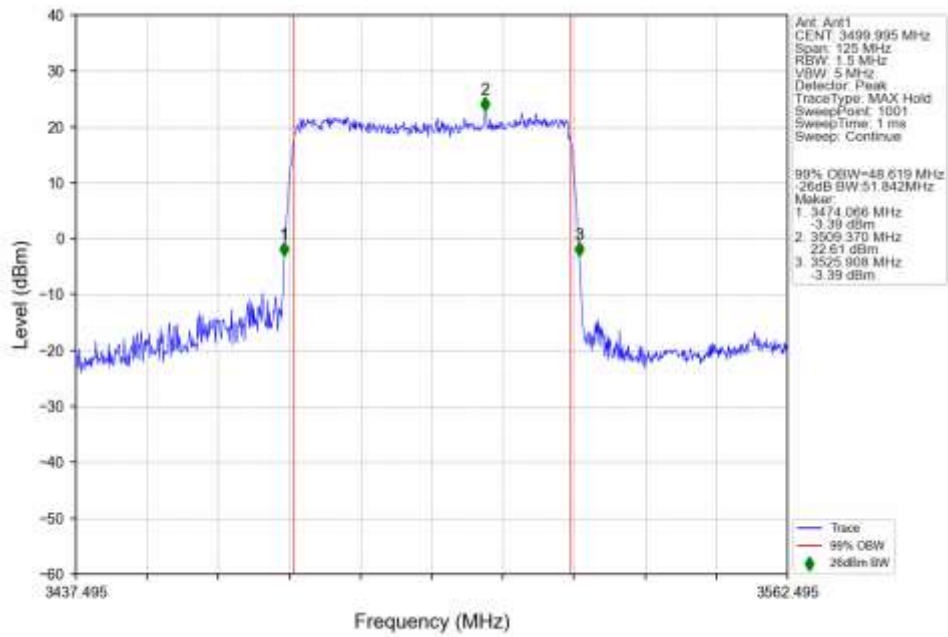
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3525MHz Outer Full Ant1



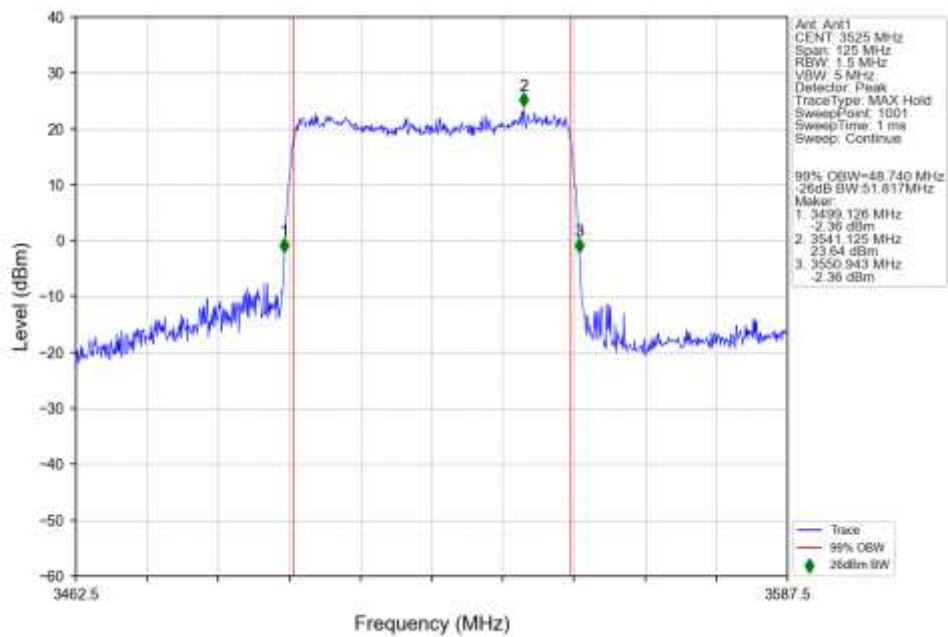
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3475.005MHz Outer Full Ant1



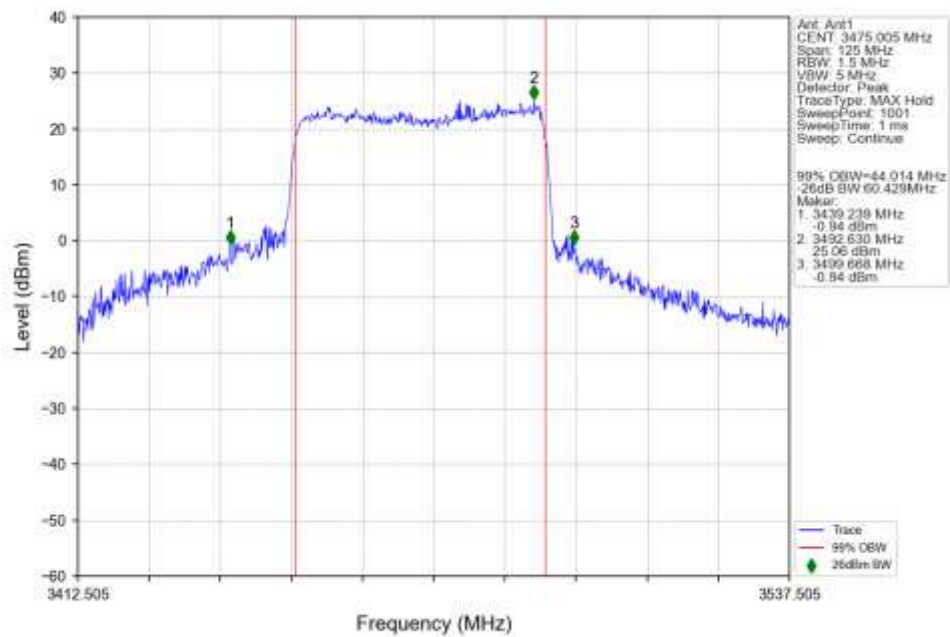
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



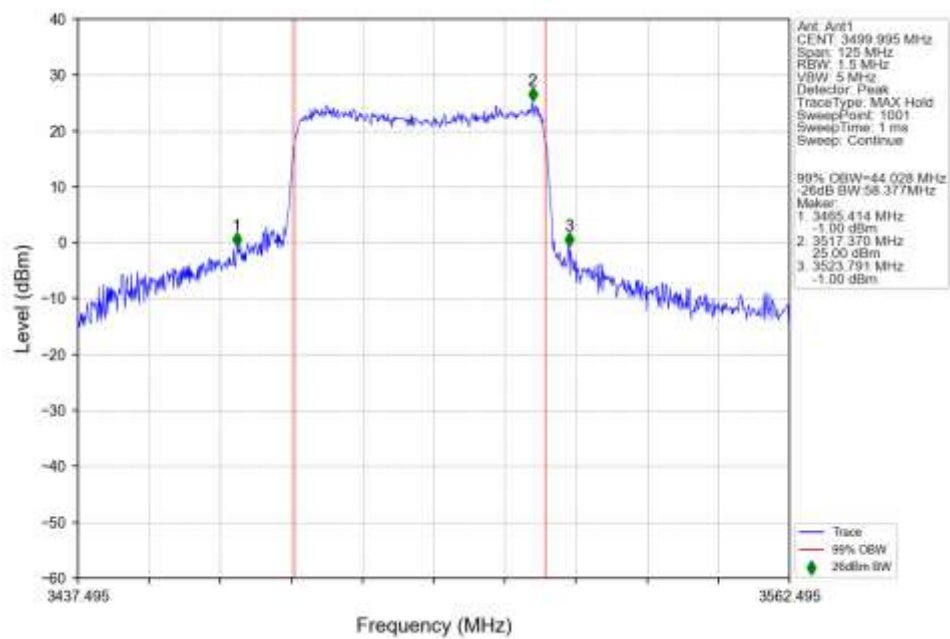
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3525MHz Outer Full Ant1



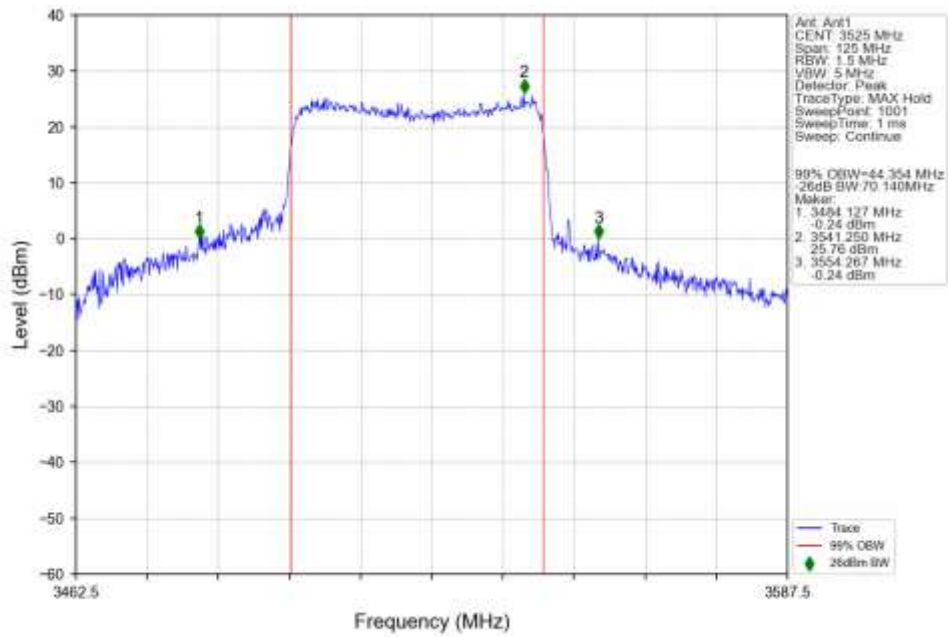
n77d 15kHz SISO NTV 50MHz CP-OFDM QPSK 3475.005MHz Outer Full Ant1



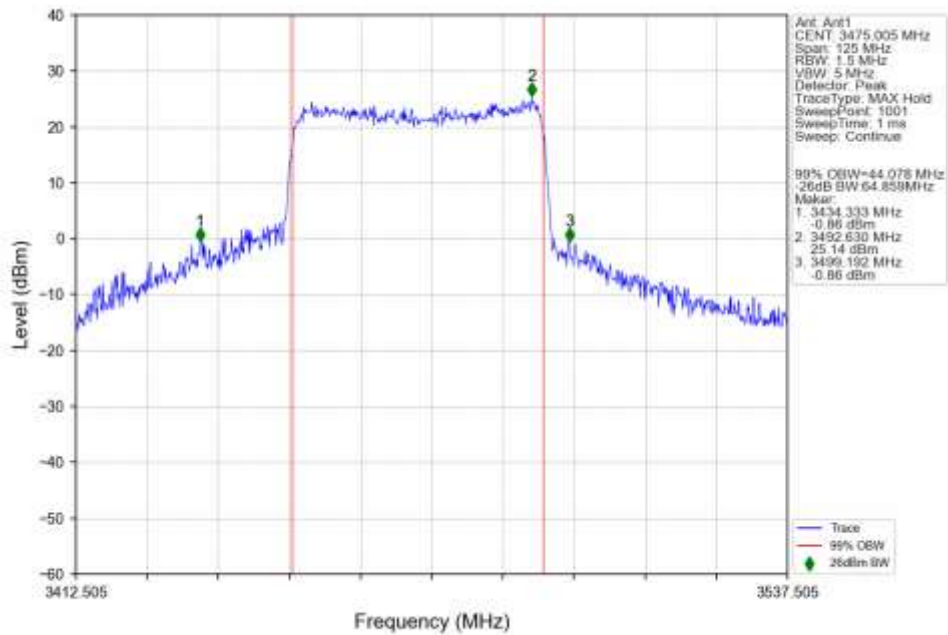
n77d 15kHz SISO NTV 50MHz CP-OFDM QPSK 3499.995MHz Outer Full Ant1



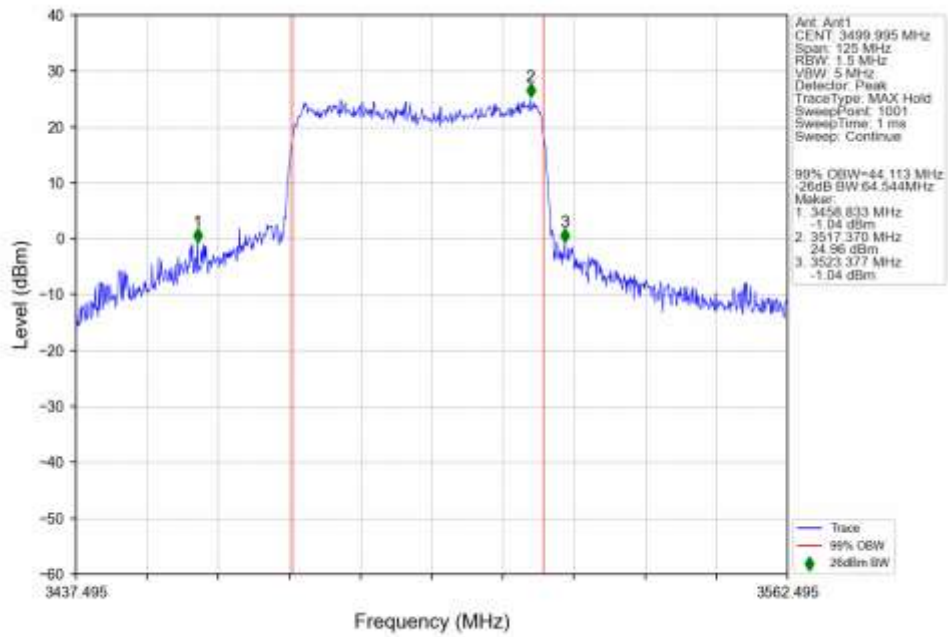
n77d 15kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Outer Full Ant1



n77d 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3475.005MHz Outer Full Ant1



n77d 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3499.995MHz Outer Full Ant1



n77d 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3525MHz Outer Full Ant1

