

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge 1RB Left	23.99	/	/	21.49	/	/	/	Pass
		Edge 1RB Right	24.08	/	/	21.58	/	/	/	Pass
		Outer Full	24.17	/	/	21.67	/	/	/	Pass
		Inner Full	24.69	/	/	22.19	/	/	/	Pass
		Inner 1RB Left	24.68	/	/	22.18	/	/	/	Pass
		Inner 1RB Right	24.70	/	/	22.20	/	/	/	Pass
	3624.99	Edge 1RB Left	24.22	/	/	21.72	/	/	/	Pass
		Edge 1RB Right	24.25	/	/	21.75	/	/	/	Pass
		Outer Full	24.34	/	/	21.84	/	/	/	Pass
		Inner Full	24.86	/	/	22.36	/	/	/	Pass
		Inner 1RB Left	24.85	/	/	22.35	/	/	/	Pass
		Inner 1RB Right	24.88	/	/	22.38	/	/	/	Pass
	3694.98	Edge 1RB Left	24.16	/	/	21.66	/	/	/	Pass
		Edge 1RB Right	24.18	/	/	21.68	/	/	/	Pass
		Outer Full	24.45	/	/	21.95	/	/	/	Pass
		Inner Full	24.81	/	/	22.31	/	/	/	Pass
		Inner 1RB Left	24.83	/	/	22.33	/	/	/	Pass
		Inner 1RB Right	24.71	/	/	22.21	/	/	/	Pass
DFT-s-OFDM QPSK	3555	Edge 1RB Left	23.49	/	/	20.99	/	/	/	Pass
		Edge 1RB Right	23.55	/	/	21.05	/	/	/	Pass
		Outer Full	23.57	/	/	21.07	/	/	/	Pass
		Inner Full	24.55	/	/	22.05	/	/	/	Pass
		Inner 1RB Left	24.62	/	/	22.12	/	/	/	Pass
		Inner 1RB Right	24.64	/	/	22.14	/	/	/	Pass
	3624.99	Edge 1RB Left	23.69	/	/	21.19	/	/	/	Pass
		Edge 1RB Right	23.75	/	/	21.25	/	/	/	Pass
		Outer Full	23.84	/	/	21.34	/	/	/	Pass
		Inner Full	24.76	/	/	22.26	/	/	/	Pass
		Inner 1RB Left	24.78	/	/	22.28	/	/	/	Pass
		Inner 1RB Right	24.81	/	/	22.31	/	/	/	Pass
	3694.98	Edge 1RB Left	23.68	/	/	21.18	/	/	/	Pass
		Edge 1RB Right	23.60	/	/	21.10	/	/	/	Pass
		Outer Full	23.78	/	/	21.28	/	/	/	Pass
		Inner Full	24.77	/	/	22.27	/	/	/	Pass
		Inner 1RB Left	24.83	/	/	22.33	/	/	/	Pass
		Inner 1RB Right	24.72	/	/	22.22	/	/	/	Pass
DFT-s-OFDM 16 QAM	3555	Edge 1RB Left	22.40	/	/	19.90	/	/	/	Pass
		Edge 1RB Right	22.45	/	/	19.95	/	/	/	Pass
		Outer Full	22.61	/	/	20.11	/	/	/	Pass
		Inner Full	23.56	/	/	21.06	/	/	/	Pass
		Inner 1RB Left	23.44	/	/	20.94	/	/	/	Pass
		Inner 1RB Right	23.40	/	/	20.90	/	/	/	Pass
	3624.99	Edge 1RB Left	22.59	/	/	20.09	/	/	/	Pass
		Edge 1RB Right	22.56	/	/	20.06	/	/	/	Pass
		Outer Full	22.86	/	/	20.36	/	/	/	Pass
		Inner Full	23.69	/	/	21.19	/	/	/	Pass
		Inner 1RB Left	23.62	/	/	21.12	/	/	/	Pass
		Inner 1RB Right	23.61	/	/	21.11	/	/	/	Pass
	3694.98	Edge 1RB Left	22.55	/	/	20.05	/	/	/	Pass

		Edge 1RB Right	22.46	/	/	19.96	/	/	/	Pass
		Outer Full	22.77	/	/	20.27	/	/	/	Pass
		Inner Full	23.58	/	/	21.08	/	/	/	Pass
		Inner 1RB Left	23.57	/	/	21.07	/	/	/	Pass
		Inner 1RB Right	23.51	/	/	21.01	/	/	/	Pass
DFT-s-OFDM 64 QAM	3555	Edge 1RB Left	21.94	/	/	19.44	/	/	/	Pass
		Edge 1RB Right	22.01	/	/	19.51	/	/	/	Pass
		Outer Full	22.11	/	/	19.61	/	/	/	Pass
		Inner Full	22.04	/	/	19.54	/	/	/	Pass
		Inner 1RB Left	22.01	/	/	19.51	/	/	/	Pass
		Inner 1RB Right	22.00	/	/	19.50	/	/	/	Pass
	3624.99	Edge 1RB Left	22.19	/	/	19.69	/	/	/	Pass
		Edge 1RB Right	22.14	/	/	19.64	/	/	/	Pass
		Outer Full	22.31	/	/	19.81	/	/	/	Pass
		Inner Full	22.30	/	/	19.80	/	/	/	Pass
		Inner 1RB Left	22.24	/	/	19.74	/	/	/	Pass
		Inner 1RB Right	22.23	/	/	19.73	/	/	/	Pass
	3694.98	Edge 1RB Left	22.24	/	/	19.74	/	/	/	Pass
		Edge 1RB Right	22.23	/	/	19.73	/	/	/	Pass
		Outer Full	22.19	/	/	19.69	/	/	/	Pass
		Inner Full	22.24	/	/	19.74	/	/	/	Pass
		Inner 1RB Left	22.37	/	/	19.87	/	/	/	Pass
		Inner 1RB Right	22.28	/	/	19.78	/	/	/	Pass
DFT-s-OFDM 256 QAM	3555	Edge 1RB Left	19.97	/	/	17.47	/	/	/	Pass
		Edge 1RB Right	19.98	/	/	17.48	/	/	/	Pass
		Outer Full	20.08	/	/	17.58	/	/	/	Pass
		Inner Full	20.07	/	/	17.57	/	/	/	Pass
		Inner 1RB Left	20.08	/	/	17.58	/	/	/	Pass
		Inner 1RB Right	20.11	/	/	17.61	/	/	/	Pass
	3624.99	Edge 1RB Left	20.19	/	/	17.69	/	/	/	Pass
		Edge 1RB Right	20.20	/	/	17.70	/	/	/	Pass
		Outer Full	20.24	/	/	17.74	/	/	/	Pass
		Inner Full	20.35	/	/	17.85	/	/	/	Pass
		Inner 1RB Left	20.27	/	/	17.77	/	/	/	Pass
		Inner 1RB Right	20.24	/	/	17.74	/	/	/	Pass
	3694.98	Edge 1RB Left	20.25	/	/	17.75	/	/	/	Pass
		Edge 1RB Right	20.11	/	/	17.61	/	/	/	Pass
		Outer Full	20.18	/	/	17.68	/	/	/	Pass
		Inner Full	20.27	/	/	17.77	/	/	/	Pass
		Inner 1RB Left	20.26	/	/	17.76	/	/	/	Pass
		Inner 1RB Right	20.15	/	/	17.65	/	/	/	Pass
CP-OFDM QPSK	3555	Edge 1RB Left	21.60	/	/	19.10	/	/	/	Pass
		Edge 1RB Right	21.68	/	/	19.18	/	/	/	Pass
		Outer Full	21.63	/	/	19.13	/	/	/	Pass
		Inner Full	23.10	/	/	20.60	/	/	/	Pass
		Inner 1RB Left	23.31	/	/	20.81	/	/	/	Pass
		Inner 1RB Right	23.29	/	/	20.79	/	/	/	Pass
	3624.99	Edge 1RB Left	21.80	/	/	19.30	/	/	/	Pass
		Edge 1RB Right	21.83	/	/	19.33	/	/	/	Pass
		Outer Full	21.77	/	/	19.27	/	/	/	Pass
		Inner Full	23.27	/	/	20.77	/	/	/	Pass
		Inner 1RB Left	23.49	/	/	20.99	/	/	/	Pass
		Inner 1RB Right	23.48	/	/	20.98	/	/	/	Pass
	3694.98	Edge 1RB Left	21.85	/	/	19.35	/	/	/	Pass
		Edge 1RB Right	21.81	/	/	19.31	/	/	/	Pass
		Outer Full	21.63	/	/	19.13	/	/	/	Pass
		Inner Full	23.17	/	/	20.67	/	/	/	Pass
		Inner 1RB Left	23.53	/	/	21.03	/	/	/	Pass
		Inner 1RB Right	23.46	/	/	20.96	/	/	/	Pass

CP-OFDM 16 QAM	3555	Edge_1RB_Left	21.50	/	/	19.00	/	/	/	Pass
		Edge_1RB_Right	21.54	/	/	19.04	/	/	/	Pass
		Outer_Full	21.58	/	/	19.08	/	/	/	Pass
		Inner_Full	22.48	/	/	19.98	/	/	/	Pass
		Inner_1RB_Left	22.47	/	/	19.97	/	/	/	Pass
		Inner_1RB_Right	22.47	/	/	19.97	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.68	/	/	19.18	/	/	/	Pass
		Edge_1RB_Right	21.73	/	/	19.23	/	/	/	Pass
		Outer_Full	21.81	/	/	19.31	/	/	/	Pass
		Inner_Full	22.65	/	/	20.15	/	/	/	Pass
		Inner_1RB_Left	22.66	/	/	20.16	/	/	/	Pass
		Inner_1RB_Right	22.70	/	/	20.20	/	/	/	Pass
	3694.98	Edge_1RB_Left	21.75	/	/	19.25	/	/	/	Pass
		Edge_1RB_Right	21.67	/	/	19.17	/	/	/	Pass
		Outer_Full	21.81	/	/	19.31	/	/	/	Pass
		Inner_Full	22.75	/	/	20.25	/	/	/	Pass
		Inner_1RB_Left	22.70	/	/	20.20	/	/	/	Pass
		Inner_1RB_Right	22.63	/	/	20.13	/	/	/	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	21.02	/	/	18.52	/	/	/	Pass
		Edge_1RB_Right	20.97	/	/	18.47	/	/	/	Pass
		Outer_Full	21.10	/	/	18.60	/	/	/	Pass
		Inner_Full	21.04	/	/	18.54	/	/	/	Pass
		Inner_1RB_Left	21.11	/	/	18.61	/	/	/	Pass
		Inner_1RB_Right	21.13	/	/	18.63	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.18	/	/	18.68	/	/	/	Pass
		Edge_1RB_Right	21.25	/	/	18.75	/	/	/	Pass
		Outer_Full	21.31	/	/	18.81	/	/	/	Pass
		Inner_Full	21.30	/	/	18.80	/	/	/	Pass
		Inner_1RB_Left	21.25	/	/	18.75	/	/	/	Pass
		Inner_1RB_Right	21.32	/	/	18.82	/	/	/	Pass
	3694.98	Edge_1RB_Left	21.24	/	/	18.74	/	/	/	Pass
		Edge_1RB_Right	21.19	/	/	18.69	/	/	/	Pass
		Outer_Full	21.32	/	/	18.82	/	/	/	Pass
		Inner_Full	21.31	/	/	18.81	/	/	/	Pass
		Inner_1RB_Left	21.34	/	/	18.84	/	/	/	Pass
		Inner_1RB_Right	21.22	/	/	18.72	/	/	/	Pass
CP-OFDM 256 QAM	3555	Edge_1RB_Left	18.03	/	/	15.53	/	/	/	Pass
		Edge_1RB_Right	18.13	/	/	15.63	/	/	/	Pass
		Outer_Full	18.13	/	/	15.63	/	/	/	Pass
		Inner_Full	18.20	/	/	15.70	/	/	/	Pass
		Inner_1RB_Left	18.17	/	/	15.67	/	/	/	Pass
		Inner_1RB_Right	18.18	/	/	15.68	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.25	/	/	15.75	/	/	/	Pass
		Edge_1RB_Right	18.29	/	/	15.79	/	/	/	Pass
		Outer_Full	18.36	/	/	15.86	/	/	/	Pass
		Inner_Full	18.35	/	/	15.85	/	/	/	Pass
		Inner_1RB_Left	18.40	/	/	15.90	/	/	/	Pass
		Inner_1RB_Right	18.30	/	/	15.80	/	/	/	Pass
	3694.98	Edge_1RB_Left	18.35	/	/	15.85	/	/	/	Pass
		Edge_1RB_Right	18.22	/	/	15.72	/	/	/	Pass
		Outer_Full	18.21	/	/	15.71	/	/	/	Pass
		Inner_Full	18.32	/	/	15.82	/	/	/	Pass
		Inner_1RB_Left	18.41	/	/	15.91	/	/	/	Pass
		Inner_1RB_Right	18.27	/	/	15.77	/	/	/	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_10MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge 1RB Left	23.55	/	/	21.05	/	/	<=23	Pass
		Edge 1RB Right	24.22	/	/	21.72	/	/	<=23	Pass
		Outer Full	23.54	/	/	21.04	/	/	<=23	Pass
		Inner Full	23.92	/	/	21.42	/	/	<=23	Pass
		Inner 1RB Left	23.15	/	/	20.65	/	/	<=23	Pass
		Inner 1RB Right	23.60	/	/	21.10	/	/	<=23	Pass
	3624.99	Edge 1RB Left	23.52	/	/	21.02	/	/	<=23	Pass
		Edge 1RB Right	24.07	/	/	21.57	/	/	<=23	Pass
		Outer Full	23.70	/	/	21.20	/	/	<=23	Pass
		Inner Full	24.19	/	/	21.69	/	/	<=23	Pass
		Inner 1RB Left	23.78	/	/	21.28	/	/	<=23	Pass
		Inner 1RB Right	24.28	/	/	21.78	/	/	<=23	Pass
	3694.98	Edge 1RB Left	24.38	/	/	21.88	/	/	<=23	Pass
		Edge 1RB Right	25.10	/	/	22.60	/	/	<=23	Pass
		Outer Full	25.28	/	/	22.78	/	/	<=23	Pass
		Inner Full	23.82	/	/	21.32	/	/	<=23	Pass
		Inner 1RB Left	25.38	/	/	22.88	/	/	<=23	Pass
		Inner 1RB Right	24.54	/	/	22.04	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Edge 1RB Left	23.90	/	/	21.40	/	/	<=23	Pass
		Edge 1RB Right	22.85	/	/	20.35	/	/	<=23	Pass
		Outer Full	23.73	/	/	21.23	/	/	<=23	Pass
		Inner Full	24.49	/	/	21.99	/	/	<=23	Pass
		Inner 1RB Left	23.54	/	/	21.04	/	/	<=23	Pass
		Inner 1RB Right	24.67	/	/	22.17	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.39	/	/	19.89	/	/	<=23	Pass
		Edge 1RB Right	22.77	/	/	20.27	/	/	<=23	Pass
		Outer Full	22.69	/	/	20.19	/	/	<=23	Pass
		Inner Full	23.87	/	/	21.37	/	/	<=23	Pass
		Inner 1RB Left	23.75	/	/	21.25	/	/	<=23	Pass
		Inner 1RB Right	24.06	/	/	21.56	/	/	<=23	Pass
	3694.98	Edge 1RB Left	25.07	/	/	22.57	/	/	<=23	Pass
		Edge 1RB Right	23.84	/	/	21.34	/	/	<=23	Pass
		Outer Full	25.42	/	/	22.92	/	/	<=23	Pass
		Inner Full	24.74	/	/	22.24	/	/	<=23	Pass
		Inner 1RB Left	24.03	/	/	21.53	/	/	<=23	Pass
		Inner 1RB Right	24.81	/	/	22.31	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3555	Edge 1RB Left	21.56	/	/	19.06	/	/	<=23	Pass
		Edge 1RB Right	23.12	/	/	20.62	/	/	<=23	Pass
		Outer Full	22.48	/	/	19.98	/	/	<=23	Pass
		Inner Full	24.14	/	/	21.64	/	/	<=23	Pass
		Inner 1RB Left	22.53	/	/	20.03	/	/	<=23	Pass
		Inner 1RB Right	22.39	/	/	19.89	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.72	/	/	19.22	/	/	<=23	Pass
		Edge 1RB Right	21.65	/	/	19.15	/	/	<=23	Pass
		Outer Full	22.07	/	/	19.57	/	/	<=23	Pass
		Inner Full	23.20	/	/	20.70	/	/	<=23	Pass
		Inner 1RB Left	22.96	/	/	20.46	/	/	<=23	Pass
		Inner 1RB Right	23.08	/	/	20.58	/	/	<=23	Pass
	3694.98	Edge 1RB Left	23.38	/	/	20.88	/	/	<=23	Pass
		Edge 1RB Right	23.05	/	/	20.55	/	/	<=23	Pass
		Outer Full	22.48	/	/	19.98	/	/	<=23	Pass
		Inner Full	24.31	/	/	21.81	/	/	<=23	Pass
		Inner 1RB Left	24.38	/	/	21.88	/	/	<=23	Pass
		Inner 1RB Right	23.65	/	/	21.15	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Edge 1RB Left	21.79	/	/	19.29	/	/	<=23	Pass

		Edge 1RB Right	23.03	/	/	20.53	/	/	<=23	Pass
		Outer Full	22.43	/	/	19.93	/	/	<=23	Pass
		Inner Full	21.88	/	/	19.38	/	/	<=23	Pass
		Inner 1RB Left	22.11	/	/	19.61	/	/	<=23	Pass
		Inner 1RB Right	21.02	/	/	18.52	/	/	<=23	Pass
	3624.99	Edge 1RB Left	20.80	/	/	18.30	/	/	<=23	Pass
		Edge 1RB Right	21.38	/	/	18.88	/	/	<=23	Pass
		Outer Full	21.21	/	/	18.71	/	/	<=23	Pass
		Inner Full	21.67	/	/	19.17	/	/	<=23	Pass
		Inner 1RB Left	20.92	/	/	18.42	/	/	<=23	Pass
	3694.98	Inner 1RB Right	21.58	/	/	19.08	/	/	<=23	Pass
		Edge 1RB Left	22.60	/	/	20.10	/	/	<=23	Pass
		Edge 1RB Right	22.91	/	/	20.41	/	/	<=23	Pass
		Outer Full	22.91	/	/	20.41	/	/	<=23	Pass
		Inner Full	22.72	/	/	20.22	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Inner 1RB Left	23.23	/	/	20.73	/	/	<=23	Pass
		Inner 1RB Right	22.42	/	/	19.92	/	/	<=23	Pass
		Edge 1RB Left	19.57	/	/	17.07	/	/	<=23	Pass
		Edge 1RB Right	19.70	/	/	17.20	/	/	<=23	Pass
		Outer Full	19.28	/	/	16.78	/	/	<=23	Pass
	3624.99	Inner Full	21.01	/	/	18.51	/	/	<=23	Pass
		Inner 1RB Left	19.77	/	/	17.27	/	/	<=23	Pass
		Inner 1RB Right	19.51	/	/	17.01	/	/	<=23	Pass
		Edge 1RB Left	19.65	/	/	17.15	/	/	<=23	Pass
		Edge 1RB Right	19.08	/	/	16.58	/	/	<=23	Pass
	3694.98	Outer Full	19.46	/	/	16.96	/	/	<=23	Pass
		Inner Full	19.39	/	/	16.89	/	/	<=23	Pass
		Inner 1RB Left	19.44	/	/	16.94	/	/	<=23	Pass
		Inner 1RB Right	19.10	/	/	16.60	/	/	<=23	Pass
		Edge 1RB Left	19.80	/	/	17.30	/	/	<=23	Pass
CP-OFDM QPSK	3555	Edge 1RB Right	20.76	/	/	18.26	/	/	<=23	Pass
		Outer Full	21.62	/	/	19.12	/	/	<=23	Pass
		Inner Full	21.59	/	/	19.09	/	/	<=23	Pass
		Inner 1RB Left	20.21	/	/	17.71	/	/	<=23	Pass
		Inner 1RB Right	20.29	/	/	17.79	/	/	<=23	Pass
	3624.99	Edge 1RB Left	20.47	/	/	17.97	/	/	<=23	Pass
		Edge 1RB Right	21.50	/	/	19.00	/	/	<=23	Pass
		Outer Full	20.54	/	/	18.04	/	/	<=23	Pass
		Inner Full	22.80	/	/	20.30	/	/	<=23	Pass
		Inner 1RB Left	22.29	/	/	19.79	/	/	<=23	Pass
	3694.98	Inner 1RB Right	23.25	/	/	20.75	/	/	<=23	Pass
		Edge 1RB Left	21.35	/	/	18.85	/	/	<=23	Pass
		Edge 1RB Right	20.33	/	/	17.83	/	/	<=23	Pass
		Outer Full	20.99	/	/	18.49	/	/	<=23	Pass
		Inner Full	22.36	/	/	19.86	/	/	<=23	Pass
CP-OFDM 16 QAM	3555	Inner 1RB Left	22.57	/	/	20.07	/	/	<=23	Pass
		Inner 1RB Right	22.41	/	/	19.91	/	/	<=23	Pass
		Edge 1RB Left	23.20	/	/	20.70	/	/	<=23	Pass
		Edge 1RB Right	22.43	/	/	19.93	/	/	<=23	Pass
		Outer Full	22.08	/	/	19.58	/	/	<=23	Pass
	3624.99	Inner Full	23.64	/	/	21.14	/	/	<=23	Pass
		Inner 1RB Left	24.73	/	/	22.23	/	/	<=23	Pass
		Inner 1RB Right	23.30	/	/	20.80	/	/	<=23	Pass
		Edge 1RB Left	20.55	/	/	18.05	/	/	<=23	Pass
		Edge 1RB Right	21.64	/	/	19.14	/	/	<=23	Pass
	3694.98	Outer Full	20.24	/	/	17.74	/	/	<=23	Pass
		Inner Full	21.46	/	/	18.96	/	/	<=23	Pass
		Inner 1RB Left	21.79	/	/	19.29	/	/	<=23	Pass
		Inner 1RB Right	22.89	/	/	20.39	/	/	<=23	Pass

	3624.99	Edge_1RB_Left	20.47	/	/	17.97	/	/	<=23	Pass
		Edge_1RB_Right	20.79	/	/	18.29	/	/	<=23	Pass
		Outer_Full	21.72	/	/	19.22	/	/	<=23	Pass
		Inner_Full	21.11	/	/	18.61	/	/	<=23	Pass
		Inner_1RB_Left	21.57	/	/	19.07	/	/	<=23	Pass
		Inner_1RB_Right	21.89	/	/	19.39	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	21.85	/	/	19.35	/	/	<=23	Pass
		Edge_1RB_Right	22.05	/	/	19.55	/	/	<=23	Pass
		Outer_Full	23.14	/	/	20.64	/	/	<=23	Pass
		Inner_Full	23.78	/	/	21.28	/	/	<=23	Pass
		Inner_1RB_Left	23.58	/	/	21.08	/	/	<=23	Pass
		Inner_1RB_Right	23.04	/	/	20.54	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	21.55	/	/	19.05	/	/	<=23	Pass
		Edge_1RB_Right	20.94	/	/	18.44	/	/	<=23	Pass
		Outer_Full	20.91	/	/	18.41	/	/	<=23	Pass
		Inner_Full	21.09	/	/	18.59	/	/	<=23	Pass
		Inner_1RB_Left	21.29	/	/	18.79	/	/	<=23	Pass
		Inner_1RB_Right	20.55	/	/	18.05	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.34	/	/	17.84	/	/	<=23	Pass
		Edge_1RB_Right	20.99	/	/	18.49	/	/	<=23	Pass
		Outer_Full	20.59	/	/	18.09	/	/	<=23	Pass
		Inner_Full	21.16	/	/	18.66	/	/	<=23	Pass
		Inner_1RB_Left	20.30	/	/	17.80	/	/	<=23	Pass
		Inner_1RB_Right	20.23	/	/	17.73	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=23	Pass
		Edge_1RB_Right	20.68	/	/	18.18	/	/	<=23	Pass
		Outer_Full	20.89	/	/	18.39	/	/	<=23	Pass
		Inner_Full	22.51	/	/	20.01	/	/	<=23	Pass
		Inner_1RB_Left	21.55	/	/	19.05	/	/	<=23	Pass
		Inner_1RB_Right	21.30	/	/	18.80	/	/	<=23	Pass
CP-OFDM 256 QAM	3555	Edge_1RB_Left	18.42	/	/	15.92	/	/	<=23	Pass
		Edge_1RB_Right	18.16	/	/	15.66	/	/	<=23	Pass
		Outer_Full	16.95	/	/	14.45	/	/	<=23	Pass
		Inner_Full	19.19	/	/	16.69	/	/	<=23	Pass
		Inner_1RB_Left	15.18	/	/	12.68	/	/	<=23	Pass
		Inner_1RB_Right	17.20	/	/	14.70	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.23	/	/	15.73	/	/	<=23	Pass
		Edge_1RB_Right	17.86	/	/	15.36	/	/	<=23	Pass
		Outer_Full	17.66	/	/	15.16	/	/	<=23	Pass
		Inner_Full	17.70	/	/	15.20	/	/	<=23	Pass
		Inner_1RB_Left	17.42	/	/	14.92	/	/	<=23	Pass
		Inner_1RB_Right	17.64	/	/	15.14	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	18.71	/	/	16.21	/	/	<=23	Pass
		Edge_1RB_Right	18.41	/	/	15.91	/	/	<=23	Pass
		Outer_Full	19.09	/	/	16.59	/	/	<=23	Pass
		Inner_Full	19.04	/	/	16.54	/	/	<=23	Pass
		Inner_1RB_Left	17.80	/	/	15.30	/	/	<=23	Pass
		Inner_1RB_Right	18.85	/	/	16.35	/	/	<=23	Pass
Note1: Antenna Gain: Ant6: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_15MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3557.52	Edge_1RB_Left	24.05	/	/	21.55	/	/	/	Pass
		Edge_1RB_Right	24.15	/	/	21.65	/	/	/	Pass

		Outer_Full	24.17	/	/	21.67	/	/	/	Pass
		Inner_Full	24.78	/	/	22.28	/	/	/	Pass
		Inner_1RB_Left	24.64	/	/	22.14	/	/	/	Pass
		Inner_1RB_Right	24.76	/	/	22.26	/	/	/	Pass
	3624.99	Edge_1RB_Left	24.16	/	/	21.66	/	/	/	Pass
		Edge_1RB_Right	24.16	/	/	21.66	/	/	/	Pass
		Outer_Full	24.35	/	/	21.85	/	/	/	Pass
		Inner_Full	24.82	/	/	22.32	/	/	/	Pass
		Inner_1RB_Left	24.79	/	/	22.29	/	/	/	Pass
		Inner_1RB_Right	24.77	/	/	22.27	/	/	/	Pass
	3692.49	Edge_1RB_Left	24.26	/	/	21.76	/	/	/	Pass
		Edge_1RB_Right	24.20	/	/	21.70	/	/	/	Pass
		Outer_Full	24.33	/	/	21.83	/	/	/	Pass
		Inner_Full	24.82	/	/	22.32	/	/	/	Pass
		Inner_1RB_Left	24.81	/	/	22.31	/	/	/	Pass
DFT-s-OFDM QPSK	3557.52	Inner_1RB_Right	24.80	/	/	22.30	/	/	/	Pass
		Edge_1RB_Left	23.51	/	/	21.01	/	/	/	Pass
		Edge_1RB_Right	23.68	/	/	21.18	/	/	/	Pass
		Outer_Full	23.60	/	/	21.10	/	/	/	Pass
		Inner_Full	24.67	/	/	22.17	/	/	/	Pass
	3624.99	Inner_1RB_Left	24.61	/	/	22.11	/	/	/	Pass
		Inner_1RB_Right	24.71	/	/	22.21	/	/	/	Pass
		Edge_1RB_Left	23.63	/	/	21.13	/	/	/	Pass
		Edge_1RB_Right	23.72	/	/	21.22	/	/	/	Pass
		Outer_Full	23.81	/	/	21.31	/	/	/	Pass
	3692.49	Inner_Full	24.82	/	/	22.32	/	/	/	Pass
		Inner_1RB_Left	24.74	/	/	22.24	/	/	/	Pass
		Inner_1RB_Right	24.85	/	/	22.35	/	/	/	Pass
		Edge_1RB_Left	23.74	/	/	21.24	/	/	/	Pass
		Edge_1RB_Right	23.68	/	/	21.18	/	/	/	Pass
DFT-s-OFDM 16 QAM	3557.52	Outer_Full	23.79	/	/	21.29	/	/	/	Pass
		Inner_Full	24.72	/	/	22.22	/	/	/	Pass
		Inner_1RB_Left	24.68	/	/	22.18	/	/	/	Pass
		Inner_1RB_Right	24.73	/	/	22.23	/	/	/	Pass
		Edge_1RB_Left	22.39	/	/	19.89	/	/	/	Pass
	3624.99	Edge_1RB_Right	22.54	/	/	20.04	/	/	/	Pass
		Outer_Full	22.59	/	/	20.09	/	/	/	Pass
		Inner_Full	23.19	/	/	20.69	/	/	/	Pass
		Inner_1RB_Left	23.43	/	/	20.93	/	/	/	Pass
		Inner_1RB_Right	23.55	/	/	21.05	/	/	/	Pass
	3692.49	Edge_1RB_Left	22.58	/	/	20.08	/	/	/	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	/	Pass
		Outer_Full	22.60	/	/	20.10	/	/	/	Pass
		Inner_Full	23.67	/	/	21.17	/	/	/	Pass
		Inner_1RB_Left	23.60	/	/	21.10	/	/	/	Pass
DFT-s-OFDM 64 QAM	3557.52	Inner_1RB_Right	23.67	/	/	21.17	/	/	/	Pass
		Edge_1RB_Left	22.68	/	/	20.18	/	/	/	Pass
		Edge_1RB_Right	22.61	/	/	20.11	/	/	/	Pass
		Outer_Full	22.82	/	/	20.32	/	/	/	Pass
		Inner_Full	23.89	/	/	21.39	/	/	/	Pass
	3624.99	Inner_1RB_Left	23.69	/	/	21.19	/	/	/	Pass
		Inner_1RB_Right	23.58	/	/	21.08	/	/	/	Pass
		Edge_1RB_Left	22.13	/	/	19.63	/	/	/	Pass
		Edge_1RB_Right	22.09	/	/	19.59	/	/	/	Pass
		Outer_Full	22.20	/	/	19.70	/	/	/	Pass
		Inner_Full	22.12	/	/	19.62	/	/	/	Pass
	3692.49	Inner_1RB_Left	22.11	/	/	19.61	/	/	/	Pass
		Inner_1RB_Right	22.23	/	/	19.73	/	/	/	Pass
	3624.99	Inner_1RB_Right	22.25	/	/	19.75	/	/	/	Pass
		Edge_1RB_Left	22.25	/	/	19.75	/	/	/	Pass

		Edge 1RB Right	22.22	/	/	19.72	/	/	/	Pass
		Outer Full	22.29	/	/	19.79	/	/	/	Pass
		Inner Full	22.19	/	/	19.69	/	/	/	Pass
		Inner 1RB Left	22.26	/	/	19.76	/	/	/	Pass
		Inner 1RB Right	22.28	/	/	19.78	/	/	/	Pass
	3692.49	Edge 1RB Left	22.23	/	/	19.73	/	/	/	Pass
		Edge 1RB Right	22.26	/	/	19.76	/	/	/	Pass
		Outer Full	22.23	/	/	19.73	/	/	/	Pass
		Inner Full	22.25	/	/	19.75	/	/	/	Pass
		Inner 1RB Left	22.35	/	/	19.85	/	/	/	Pass
		Inner 1RB Right	22.29	/	/	19.79	/	/	/	Pass
DFT-s-OFDM 256 QAM	3557.52	Edge 1RB Left	20.05	/	/	17.55	/	/	/	Pass
		Edge 1RB Right	20.18	/	/	17.68	/	/	/	Pass
		Outer Full	20.07	/	/	17.57	/	/	/	Pass
		Inner Full	20.20	/	/	17.70	/	/	/	Pass
		Inner 1RB Left	20.04	/	/	17.54	/	/	/	Pass
		Inner 1RB Right	20.14	/	/	17.64	/	/	/	Pass
	3624.99	Edge 1RB Left	20.26	/	/	17.76	/	/	/	Pass
		Edge 1RB Right	20.26	/	/	17.76	/	/	/	Pass
		Outer Full	20.25	/	/	17.75	/	/	/	Pass
		Inner Full	20.35	/	/	17.85	/	/	/	Pass
		Inner 1RB Left	20.27	/	/	17.77	/	/	/	Pass
		Inner 1RB Right	20.34	/	/	17.84	/	/	/	Pass
	3692.49	Edge 1RB Left	20.40	/	/	17.90	/	/	/	Pass
		Edge 1RB Right	20.17	/	/	17.67	/	/	/	Pass
		Outer Full	20.23	/	/	17.73	/	/	/	Pass
		Inner Full	20.34	/	/	17.84	/	/	/	Pass
		Inner 1RB Left	20.34	/	/	17.84	/	/	/	Pass
		Inner 1RB Right	20.19	/	/	17.69	/	/	/	Pass
CP-OFDM QPSK	3557.52	Edge 1RB Left	21.71	/	/	19.21	/	/	/	Pass
		Edge 1RB Right	21.86	/	/	19.36	/	/	/	Pass
		Outer Full	21.54	/	/	19.04	/	/	/	Pass
		Inner Full	23.12	/	/	20.62	/	/	/	Pass
		Inner 1RB Left	23.22	/	/	20.72	/	/	/	Pass
		Inner 1RB Right	23.32	/	/	20.82	/	/	/	Pass
	3624.99	Edge 1RB Left	21.88	/	/	19.38	/	/	/	Pass
		Edge 1RB Right	21.99	/	/	19.49	/	/	/	Pass
		Outer Full	21.73	/	/	19.23	/	/	/	Pass
		Inner Full	23.19	/	/	20.69	/	/	/	Pass
		Inner 1RB Left	23.41	/	/	20.91	/	/	/	Pass
		Inner 1RB Right	23.52	/	/	21.02	/	/	/	Pass
	3692.49	Edge 1RB Left	21.99	/	/	19.49	/	/	/	Pass
		Edge 1RB Right	21.87	/	/	19.37	/	/	/	Pass
		Outer Full	21.66	/	/	19.16	/	/	/	Pass
		Inner Full	23.26	/	/	20.76	/	/	/	Pass
		Inner 1RB Left	23.50	/	/	21.00	/	/	/	Pass
		Inner 1RB Right	23.38	/	/	20.88	/	/	/	Pass
CP-OFDM 16 QAM	3557.52	Edge 1RB Left	21.56	/	/	19.06	/	/	/	Pass
		Edge 1RB Right	21.72	/	/	19.22	/	/	/	Pass
		Outer Full	21.64	/	/	19.14	/	/	/	Pass
		Inner Full	22.56	/	/	20.06	/	/	/	Pass
		Inner 1RB Left	22.45	/	/	19.95	/	/	/	Pass
		Inner 1RB Right	22.52	/	/	20.02	/	/	/	Pass
	3624.99	Edge 1RB Left	21.69	/	/	19.19	/	/	/	Pass
		Edge 1RB Right	21.70	/	/	19.20	/	/	/	Pass
		Outer Full	21.74	/	/	19.24	/	/	/	Pass
		Inner Full	22.69	/	/	20.19	/	/	/	Pass
		Inner 1RB Left	22.63	/	/	20.13	/	/	/	Pass
		Inner 1RB Right	22.67	/	/	20.17	/	/	/	Pass

	3692.49	Edge_1RB_Left	21.85	/	/	19.35	/	/	/	Pass
		Edge_1RB_Right	21.75	/	/	19.25	/	/	/	Pass
		Outer_Full	21.82	/	/	19.32	/	/	/	Pass
		Inner_Full	22.75	/	/	20.25	/	/	/	Pass
		Inner_1RB_Left	22.83	/	/	20.33	/	/	/	Pass
		Inner_1RB_Right	22.64	/	/	20.14	/	/	/	Pass
CP-OFDM 64 QAM	3557.52	Edge_1RB_Left	21.01	/	/	18.51	/	/	/	Pass
		Edge_1RB_Right	21.15	/	/	18.65	/	/	/	Pass
		Outer_Full	21.17	/	/	18.67	/	/	/	Pass
		Inner_Full	21.20	/	/	18.70	/	/	/	Pass
		Inner_1RB_Left	21.03	/	/	18.53	/	/	/	Pass
		Inner_1RB_Right	21.16	/	/	18.66	/	/	/	Pass
	3624.99	Edge_1RB_Left	21.18	/	/	18.68	/	/	/	Pass
		Edge_1RB_Right	21.22	/	/	18.72	/	/	/	Pass
		Outer_Full	21.39	/	/	18.89	/	/	/	Pass
		Inner_Full	21.32	/	/	18.82	/	/	/	Pass
		Inner_1RB_Left	21.26	/	/	18.76	/	/	/	Pass
		Inner_1RB_Right	21.22	/	/	18.72	/	/	/	Pass
	3692.49	Edge_1RB_Left	21.35	/	/	18.85	/	/	/	Pass
		Edge_1RB_Right	21.23	/	/	18.73	/	/	/	Pass
		Outer_Full	21.42	/	/	18.92	/	/	/	Pass
		Inner_Full	21.24	/	/	18.74	/	/	/	Pass
		Inner_1RB_Left	21.33	/	/	18.83	/	/	/	Pass
		Inner_1RB_Right	21.28	/	/	18.78	/	/	/	Pass
CP-OFDM 256 QAM	3557.52	Edge_1RB_Left	18.14	/	/	15.64	/	/	/	Pass
		Edge_1RB_Right	18.28	/	/	15.78	/	/	/	Pass
		Outer_Full	18.11	/	/	15.61	/	/	/	Pass
		Inner_Full	18.13	/	/	15.63	/	/	/	Pass
		Inner_1RB_Left	18.12	/	/	15.62	/	/	/	Pass
		Inner_1RB_Right	18.28	/	/	15.78	/	/	/	Pass
	3624.99	Edge_1RB_Left	18.30	/	/	15.80	/	/	/	Pass
		Edge_1RB_Right	18.44	/	/	15.94	/	/	/	Pass
		Outer_Full	18.36	/	/	15.86	/	/	/	Pass
		Inner_Full	18.31	/	/	15.81	/	/	/	Pass
		Inner_1RB_Left	18.41	/	/	15.91	/	/	/	Pass
		Inner_1RB_Right	18.40	/	/	15.90	/	/	/	Pass
	3692.49	Edge_1RB_Left	18.39	/	/	15.89	/	/	/	Pass
		Edge_1RB_Right	18.29	/	/	15.79	/	/	/	Pass
		Outer_Full	18.31	/	/	15.81	/	/	/	Pass
		Inner_Full	18.30	/	/	15.80	/	/	/	Pass
		Inner_1RB_Left	18.45	/	/	15.95	/	/	/	Pass
		Inner_1RB_Right	18.33	/	/	15.83	/	/	/	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_15MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3557.52	Edge_1RB_Left	23.90	/	/	21.40	/	/	<=23	Pass
		Edge_1RB_Right	23.18	/	/	20.68	/	/	<=23	Pass
		Outer_Full	22.68	/	/	20.18	/	/	<=23	Pass
		Inner_Full	24.40	/	/	21.90	/	/	<=23	Pass
		Inner_1RB_Left	24.69	/	/	22.19	/	/	<=23	Pass
		Inner_1RB_Right	24.28	/	/	21.78	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	24.46	/	/	21.96	/	/	<=23	Pass

		Edge 1RB Right	24.29	/	/	21.79	/	/	<=23	Pass
		Outer Full	23.31	/	/	20.81	/	/	<=23	Pass
		Inner Full	25.27	/	/	22.77	/	/	<=23	Pass
		Inner 1RB Left	24.72	/	/	22.22	/	/	<=23	Pass
		Inner 1RB Right	24.83	/	/	22.33	/	/	<=23	Pass
		Edge 1RB Left	22.14	/	/	19.64	/	/	<=23	Pass
		Edge 1RB Right	24.16	/	/	21.66	/	/	<=23	Pass
		Outer Full	25.47	/	/	22.97	/	/	<=23	Pass
		Inner Full	25.02	/	/	22.52	/	/	<=23	Pass
		Inner 1RB Left	22.79	/	/	20.29	/	/	<=23	Pass
		Inner 1RB Right	25.42	/	/	22.92	/	/	<=23	Pass
		Edge 1RB Left	24.30	/	/	21.80	/	/	<=23	Pass
DFT-s-OFDM QPSK	3557.52	Edge 1RB Right	22.85	/	/	20.35	/	/	<=23	Pass
		Outer Full	22.79	/	/	20.29	/	/	<=23	Pass
		Inner Full	24.88	/	/	22.38	/	/	<=23	Pass
		Inner 1RB Left	25.07	/	/	22.57	/	/	<=23	Pass
		Inner 1RB Right	24.88	/	/	22.38	/	/	<=23	Pass
		Edge 1RB Left	23.02	/	/	20.52	/	/	<=23	Pass
	3624.99	Edge 1RB Right	24.01	/	/	21.51	/	/	<=23	Pass
		Outer Full	22.72	/	/	20.22	/	/	<=23	Pass
		Inner Full	25.10	/	/	22.60	/	/	<=23	Pass
		Inner 1RB Left	24.73	/	/	22.23	/	/	<=23	Pass
		Inner 1RB Right	25.07	/	/	22.57	/	/	<=23	Pass
		Edge 1RB Left	23.17	/	/	20.67	/	/	<=23	Pass
	3692.49	Edge 1RB Right	25.46	/	/	22.96	/	/	<=23	Pass
		Outer Full	24.08	/	/	21.58	/	/	<=23	Pass
		Inner Full	23.70	/	/	21.20	/	/	<=23	Pass
		Inner 1RB Left	22.40	/	/	19.90	/	/	<=23	Pass
		Inner 1RB Right	24.17	/	/	21.67	/	/	<=23	Pass
		Edge 1RB Left	22.04	/	/	19.54	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3557.52	Edge 1RB Right	23.87	/	/	21.37	/	/	<=23	Pass
		Outer Full	21.01	/	/	18.51	/	/	<=23	Pass
		Inner Full	23.96	/	/	21.46	/	/	<=23	Pass
		Inner 1RB Left	24.14	/	/	21.64	/	/	<=23	Pass
		Inner 1RB Right	23.73	/	/	21.23	/	/	<=23	Pass
		Edge 1RB Left	22.79	/	/	20.29	/	/	<=23	Pass
	3624.99	Edge 1RB Right	22.80	/	/	20.30	/	/	<=23	Pass
		Outer Full	21.76	/	/	19.26	/	/	<=23	Pass
		Inner Full	20.37	/	/	17.87	/	/	<=23	Pass
		Inner 1RB Left	23.87	/	/	21.37	/	/	<=23	Pass
		Inner 1RB Right	23.66	/	/	21.16	/	/	<=23	Pass
		Edge 1RB Left	19.85	/	/	17.35	/	/	<=23	Pass
	3692.49	Edge 1RB Right	23.44	/	/	20.94	/	/	<=23	Pass
		Outer Full	22.43	/	/	19.93	/	/	<=23	Pass
		Inner Full	24.15	/	/	21.65	/	/	<=23	Pass
		Inner 1RB Left	23.11	/	/	20.61	/	/	<=23	Pass
		Inner 1RB Right	25.15	/	/	22.65	/	/	<=23	Pass
		Edge 1RB Left	22.57	/	/	20.07	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3557.52	Edge 1RB Right	23.54	/	/	21.04	/	/	<=23	Pass
		Outer Full	20.04	/	/	17.54	/	/	<=23	Pass
		Inner Full	22.93	/	/	20.43	/	/	<=23	Pass
		Inner 1RB Left	23.12	/	/	20.62	/	/	<=23	Pass
		Inner 1RB Right	22.06	/	/	19.56	/	/	<=23	Pass
		Edge 1RB Left	22.71	/	/	20.21	/	/	<=23	Pass
	3624.99	Edge 1RB Right	23.02	/	/	20.52	/	/	<=23	Pass
		Outer Full	21.23	/	/	18.73	/	/	<=23	Pass
		Inner Full	22.44	/	/	19.94	/	/	<=23	Pass
		Inner 1RB Left	22.34	/	/	19.84	/	/	<=23	Pass
		Inner 1RB Right	22.27	/	/	19.77	/	/	<=23	Pass
		Edge 1RB Left	22.04	/	/	19.54	/	/	<=23	Pass

	3692.49	Edge_1RB_Left	24.99	/	/	22.49	/	/	<=23	Pass
		Edge_1RB_Right	24.00	/	/	21.50	/	/	<=23	Pass
		Outer_Full	24.34	/	/	21.84	/	/	<=23	Pass
		Inner_Full	22.17	/	/	19.67	/	/	<=23	Pass
		Inner_1RB_Left	21.25	/	/	18.75	/	/	<=23	Pass
		Inner_1RB_Right	23.76	/	/	21.26	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3557.52	Edge_1RB_Left	19.61	/	/	17.11	/	/	<=23	Pass
		Edge_1RB_Right	20.56	/	/	18.06	/	/	<=23	Pass
		Outer_Full	19.52	/	/	17.02	/	/	<=23	Pass
		Inner_Full	19.86	/	/	17.36	/	/	<=23	Pass
		Inner_1RB_Left	21.63	/	/	19.13	/	/	<=23	Pass
		Inner_1RB_Right	19.81	/	/	17.31	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.38	/	/	17.88	/	/	<=23	Pass
		Edge_1RB_Right	20.91	/	/	18.41	/	/	<=23	Pass
		Outer_Full	19.84	/	/	17.34	/	/	<=23	Pass
		Inner_Full	20.12	/	/	17.62	/	/	<=23	Pass
		Inner_1RB_Left	20.05	/	/	17.55	/	/	<=23	Pass
		Inner_1RB_Right	20.81	/	/	18.31	/	/	<=23	Pass
	3692.49	Edge_1RB_Left	20.96	/	/	18.46	/	/	<=23	Pass
		Edge_1RB_Right	20.41	/	/	17.91	/	/	<=23	Pass
		Outer_Full	19.27	/	/	16.77	/	/	<=23	Pass
		Inner_Full	19.99	/	/	17.49	/	/	<=23	Pass
		Inner_1RB_Left	12.72	/	/	10.22	/	/	<=23	Pass
		Inner_1RB_Right	20.73	/	/	18.23	/	/	<=23	Pass
CP-OFDM QPSK	3557.52	Edge_1RB_Left	21.50	/	/	19.00	/	/	<=23	Pass
		Edge_1RB_Right	20.51	/	/	18.01	/	/	<=23	Pass
		Outer_Full	21.10	/	/	18.60	/	/	<=23	Pass
		Inner_Full	23.91	/	/	21.41	/	/	<=23	Pass
		Inner_1RB_Left	23.52	/	/	21.02	/	/	<=23	Pass
		Inner_1RB_Right	23.49	/	/	20.99	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.77	/	/	19.27	/	/	<=23	Pass
		Edge_1RB_Right	21.75	/	/	19.25	/	/	<=23	Pass
		Outer_Full	20.15	/	/	17.65	/	/	<=23	Pass
		Inner_Full	22.91	/	/	20.41	/	/	<=23	Pass
		Inner_1RB_Left	22.81	/	/	20.31	/	/	<=23	Pass
		Inner_1RB_Right	22.64	/	/	20.14	/	/	<=23	Pass
	3692.49	Edge_1RB_Left	19.91	/	/	17.41	/	/	<=23	Pass
		Edge_1RB_Right	22.36	/	/	19.86	/	/	<=23	Pass
		Outer_Full	20.99	/	/	18.49	/	/	<=23	Pass
		Inner_Full	24.94	/	/	22.44	/	/	<=23	Pass
		Inner_1RB_Left	23.93	/	/	21.43	/	/	<=23	Pass
		Inner_1RB_Right	25.18	/	/	22.68	/	/	<=23	Pass
CP-OFDM 16 QAM	3557.52	Edge_1RB_Left	20.43	/	/	17.93	/	/	<=23	Pass
		Edge_1RB_Right	21.09	/	/	18.59	/	/	<=23	Pass
		Outer_Full	20.62	/	/	18.12	/	/	<=23	Pass
		Inner_Full	22.73	/	/	20.23	/	/	<=23	Pass
		Inner_1RB_Left	20.41	/	/	17.91	/	/	<=23	Pass
		Inner_1RB_Right	22.71	/	/	20.21	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.90	/	/	19.40	/	/	<=23	Pass
		Edge_1RB_Right	22.32	/	/	19.82	/	/	<=23	Pass
		Outer_Full	20.28	/	/	17.78	/	/	<=23	Pass
		Inner_Full	22.86	/	/	20.36	/	/	<=23	Pass
		Inner_1RB_Left	22.80	/	/	20.30	/	/	<=23	Pass
		Inner_1RB_Right	22.05	/	/	19.55	/	/	<=23	Pass
	3692.49	Edge_1RB_Left	18.88	/	/	16.38	/	/	<=23	Pass
		Edge_1RB_Right	21.86	/	/	19.36	/	/	<=23	Pass
		Outer_Full	22.08	/	/	19.58	/	/	<=23	Pass
		Inner_Full	22.62	/	/	20.12	/	/	<=23	Pass
		Inner_1RB_Left	6.25	/	/	3.75	/	/	<=23	Pass

CP-OFDM 64 QAM	3557.52	Inner 1RB Right	23.52	/	/	21.02	/	/	<=23	Pass
		Edge 1RB Left	21.93	/	/	19.43	/	/	<=23	Pass
		Edge 1RB Right	20.67	/	/	18.17	/	/	<=23	Pass
		Outer Full	18.39	/	/	15.89	/	/	<=23	Pass
		Inner Full	21.40	/	/	18.90	/	/	<=23	Pass
		Inner 1RB Left	21.37	/	/	18.87	/	/	<=23	Pass
	3624.99	Inner 1RB Right	21.58	/	/	19.08	/	/	<=23	Pass
		Edge 1RB Left	20.92	/	/	18.42	/	/	<=23	Pass
		Edge 1RB Right	21.20	/	/	18.70	/	/	<=23	Pass
		Outer Full	20.03	/	/	17.53	/	/	<=23	Pass
		Inner Full	21.07	/	/	18.57	/	/	<=23	Pass
		Inner 1RB Left	21.39	/	/	18.89	/	/	<=23	Pass
	3692.49	Inner 1RB Right	21.64	/	/	19.14	/	/	<=23	Pass
		Edge 1RB Left	21.85	/	/	19.35	/	/	<=23	Pass
		Edge 1RB Right	21.74	/	/	19.24	/	/	<=23	Pass
		Outer Full	22.61	/	/	20.11	/	/	<=23	Pass
		Inner Full	22.61	/	/	20.11	/	/	<=23	Pass
		Inner 1RB Left	19.37	/	/	16.87	/	/	<=23	Pass
CP-OFDM 256 QAM	3557.52	Inner 1RB Right	22.46	/	/	19.96	/	/	<=23	Pass
		Edge 1RB Left	18.55	/	/	16.05	/	/	<=23	Pass
		Edge 1RB Right	18.38	/	/	15.88	/	/	<=23	Pass
		Outer Full	18.07	/	/	15.57	/	/	<=23	Pass
		Inner Full	18.30	/	/	15.80	/	/	<=23	Pass
		Inner 1RB Left	18.67	/	/	16.17	/	/	<=23	Pass
	3624.99	Inner 1RB Right	18.31	/	/	15.81	/	/	<=23	Pass
		Edge 1RB Left	18.25	/	/	15.75	/	/	<=23	Pass
		Edge 1RB Right	18.52	/	/	16.02	/	/	<=23	Pass
		Outer Full	16.60	/	/	14.10	/	/	<=23	Pass
		Inner Full	18.25	/	/	15.75	/	/	<=23	Pass
		Inner 1RB Left	17.86	/	/	15.36	/	/	<=23	Pass
	3692.49	Inner 1RB Right	18.44	/	/	15.94	/	/	<=23	Pass
		Edge 1RB Left	15.14	/	/	12.64	/	/	<=23	Pass
		Edge 1RB Right	18.36	/	/	15.86	/	/	<=23	Pass
		Outer Full	19.45	/	/	16.95	/	/	<=23	Pass
		Inner Full	19.81	/	/	17.31	/	/	<=23	Pass
		Inner 1RB Left	20.29	/	/	17.79	/	/	<=23	Pass
		Inner 1RB Right	16.81	/	/	14.31	/	/	<=23	Pass
Note1: Antenna Gain: Ant6: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_20MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge 1RB Left	24.05	/	/	21.55	/	/	/	Pass
		Edge 1RB Right	24.10	/	/	21.60	/	/	/	Pass
		Outer Full	24.28	/	/	21.78	/	/	/	Pass
		Inner Full	24.85	/	/	22.35	/	/	/	Pass
		Inner 1RB Left	24.66	/	/	22.16	/	/	/	Pass
		Inner 1RB Right	24.72	/	/	22.22	/	/	/	Pass
	3624.99	Edge 1RB Left	24.15	/	/	21.65	/	/	/	Pass
		Edge 1RB Right	24.15	/	/	21.65	/	/	/	Pass
		Outer Full	24.34	/	/	21.84	/	/	/	Pass
		Inner Full	24.91	/	/	22.41	/	/	/	Pass
		Inner 1RB Left	24.75	/	/	22.25	/	/	/	Pass
		Inner 1RB Right	24.76	/	/	22.26	/	/	/	Pass
	3690	Edge 1RB Left	24.10	/	/	21.60	/	/	/	Pass

		Edge 1RB Right	23.96	/	/	21.46	/	/	/	Pass
		Outer Full	24.28	/	/	21.78	/	/	/	Pass
		Inner Full	24.89	/	/	22.39	/	/	/	Pass
		Inner 1RB Left	24.72	/	/	22.22	/	/	/	Pass
		Inner 1RB Right	24.59	/	/	22.09	/	/	/	Pass
DFT-s-OFDM QPSK	3560.01	Edge 1RB Left	23.57	/	/	21.07	/	/	/	Pass
		Edge 1RB Right	23.63	/	/	21.13	/	/	/	Pass
		Outer Full	23.75	/	/	21.25	/	/	/	Pass
		Inner Full	24.72	/	/	22.22	/	/	/	Pass
		Inner 1RB Left	24.53	/	/	22.03	/	/	/	Pass
	3624.99	Inner 1RB Right	24.62	/	/	22.12	/	/	/	Pass
		Edge 1RB Left	23.63	/	/	21.13	/	/	/	Pass
		Edge 1RB Right	23.61	/	/	21.11	/	/	/	Pass
		Outer Full	23.78	/	/	21.28	/	/	/	Pass
		Inner Full	24.91	/	/	22.41	/	/	/	Pass
	3690	Inner 1RB Left	24.75	/	/	22.25	/	/	/	Pass
		Inner 1RB Right	24.71	/	/	22.21	/	/	/	Pass
		Edge 1RB Left	23.71	/	/	21.21	/	/	/	Pass
		Edge 1RB Right	23.54	/	/	21.04	/	/	/	Pass
		Outer Full	23.81	/	/	21.31	/	/	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Inner Full	24.82	/	/	22.32	/	/	/	Pass
		Inner 1RB Left	24.69	/	/	22.19	/	/	/	Pass
		Inner 1RB Right	24.66	/	/	22.16	/	/	/	Pass
		Edge 1RB Left	22.31	/	/	19.81	/	/	/	Pass
		Edge 1RB Right	22.48	/	/	19.98	/	/	/	Pass
	3624.99	Outer Full	22.64	/	/	20.14	/	/	/	Pass
		Inner Full	23.63	/	/	21.13	/	/	/	Pass
		Inner 1RB Left	23.28	/	/	20.78	/	/	/	Pass
		Inner 1RB Right	23.46	/	/	20.96	/	/	/	Pass
		Edge 1RB Left	22.60	/	/	20.10	/	/	/	Pass
	3690	Edge 1RB Right	22.51	/	/	20.01	/	/	/	Pass
		Outer Full	22.69	/	/	20.19	/	/	/	Pass
		Inner Full	23.80	/	/	21.30	/	/	/	Pass
		Inner 1RB Left	23.51	/	/	21.01	/	/	/	Pass
		Inner 1RB Right	23.44	/	/	20.94	/	/	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge 1RB Left	22.61	/	/	20.11	/	/	/	Pass
		Edge 1RB Right	22.37	/	/	19.87	/	/	/	Pass
		Outer Full	22.80	/	/	20.30	/	/	/	Pass
		Inner Full	24.11	/	/	21.61	/	/	/	Pass
		Inner 1RB Left	23.49	/	/	20.99	/	/	/	Pass
	3624.99	Inner 1RB Right	23.40	/	/	20.90	/	/	/	Pass
		Edge 1RB Left	22.07	/	/	19.57	/	/	/	Pass
		Edge 1RB Right	22.23	/	/	19.73	/	/	/	Pass
		Outer Full	22.14	/	/	19.64	/	/	/	Pass
		Inner Full	22.11	/	/	19.61	/	/	/	Pass
	3690	Inner 1RB Left	22.12	/	/	19.62	/	/	/	Pass
		Inner 1RB Right	22.27	/	/	19.77	/	/	/	Pass
		Edge 1RB Left	22.24	/	/	19.74	/	/	/	Pass
		Edge 1RB Right	22.16	/	/	19.66	/	/	/	Pass
		Outer Full	22.31	/	/	19.81	/	/	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Inner Full	22.29	/	/	19.79	/	/	/	Pass
		Inner 1RB Left	22.24	/	/	19.74	/	/	/	Pass
		Inner 1RB Right	22.22	/	/	19.72	/	/	/	Pass
		Edge 1RB Left	22.34	/	/	19.84	/	/	/	Pass
		Edge 1RB Right	22.18	/	/	19.68	/	/	/	Pass
	3690	Outer Full	22.30	/	/	19.80	/	/	/	Pass
		Inner Full	22.28	/	/	19.78	/	/	/	Pass
		Inner 1RB Left	22.34	/	/	19.84	/	/	/	Pass
		Inner 1RB Right	22.25	/	/	19.75	/	/	/	Pass

DFT-s-OFDM 256 QAM	3560.01	Edge 1RB Left	20.00	/	/	17.50	/	/	/	Pass
		Edge 1RB Right	20.18	/	/	17.68	/	/	/	Pass
		Outer Full	20.23	/	/	17.73	/	/	/	Pass
		Inner Full	20.27	/	/	17.77	/	/	/	Pass
		Inner 1RB Left	20.07	/	/	17.57	/	/	/	Pass
		Inner 1RB Right	20.14	/	/	17.64	/	/	/	Pass
	3624.99	Edge 1RB Left	20.23	/	/	17.73	/	/	/	Pass
		Edge 1RB Right	20.15	/	/	17.65	/	/	/	Pass
		Outer Full	20.16	/	/	17.66	/	/	/	Pass
		Inner Full	20.22	/	/	17.72	/	/	/	Pass
		Inner 1RB Left	20.18	/	/	17.68	/	/	/	Pass
		Inner 1RB Right	20.20	/	/	17.70	/	/	/	Pass
	3690	Edge 1RB Left	20.23	/	/	17.73	/	/	/	Pass
		Edge 1RB Right	20.04	/	/	17.54	/	/	/	Pass
		Outer Full	20.28	/	/	17.78	/	/	/	Pass
		Inner Full	20.32	/	/	17.82	/	/	/	Pass
		Inner 1RB Left	20.22	/	/	17.72	/	/	/	Pass
		Inner 1RB Right	20.09	/	/	17.59	/	/	/	Pass
CP-OFDM QPSK	3560.01	Edge 1RB Left	21.73	/	/	19.23	/	/	/	Pass
		Edge 1RB Right	21.79	/	/	19.29	/	/	/	Pass
		Outer Full	21.77	/	/	19.27	/	/	/	Pass
		Inner Full	23.19	/	/	20.69	/	/	/	Pass
		Inner 1RB Left	23.15	/	/	20.65	/	/	/	Pass
		Inner 1RB Right	23.38	/	/	20.88	/	/	/	Pass
	3624.99	Edge 1RB Left	21.77	/	/	19.27	/	/	/	Pass
		Edge 1RB Right	21.95	/	/	19.45	/	/	/	Pass
		Outer Full	21.91	/	/	19.41	/	/	/	Pass
		Inner Full	23.27	/	/	20.77	/	/	/	Pass
		Inner 1RB Left	23.39	/	/	20.89	/	/	/	Pass
		Inner 1RB Right	23.34	/	/	20.84	/	/	/	Pass
	3690	Edge 1RB Left	21.87	/	/	19.37	/	/	/	Pass
		Edge 1RB Right	21.75	/	/	19.25	/	/	/	Pass
		Outer Full	21.79	/	/	19.29	/	/	/	Pass
		Inner Full	23.33	/	/	20.83	/	/	/	Pass
		Inner 1RB Left	23.53	/	/	21.03	/	/	/	Pass
		Inner 1RB Right	23.26	/	/	20.76	/	/	/	Pass
CP-OFDM 16 QAM	3560.01	Edge 1RB Left	21.54	/	/	19.04	/	/	/	Pass
		Edge 1RB Right	21.68	/	/	19.18	/	/	/	Pass
		Outer Full	21.64	/	/	19.14	/	/	/	Pass
		Inner Full	22.65	/	/	20.15	/	/	/	Pass
		Inner 1RB Left	22.39	/	/	19.89	/	/	/	Pass
		Inner 1RB Right	22.54	/	/	20.04	/	/	/	Pass
	3624.99	Edge 1RB Left	21.66	/	/	19.16	/	/	/	Pass
		Edge 1RB Right	21.74	/	/	19.24	/	/	/	Pass
		Outer Full	21.75	/	/	19.25	/	/	/	Pass
		Inner Full	22.83	/	/	20.33	/	/	/	Pass
		Inner 1RB Left	22.64	/	/	20.14	/	/	/	Pass
		Inner 1RB Right	22.62	/	/	20.12	/	/	/	Pass
	3690	Edge 1RB Left	21.75	/	/	19.25	/	/	/	Pass
		Edge 1RB Right	21.60	/	/	19.10	/	/	/	Pass
		Outer Full	21.77	/	/	19.27	/	/	/	Pass
		Inner Full	22.85	/	/	20.35	/	/	/	Pass
		Inner 1RB Left	22.66	/	/	20.16	/	/	/	Pass
		Inner 1RB Right	22.48	/	/	19.98	/	/	/	Pass
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	20.96	/	/	18.46	/	/	/	Pass
		Edge 1RB Right	21.16	/	/	18.66	/	/	/	Pass
		Outer Full	21.20	/	/	18.70	/	/	/	Pass
		Inner Full	21.22	/	/	18.72	/	/	/	Pass
		Inner 1RB Left	21.06	/	/	18.56	/	/	/	Pass

	3624.99	Inner_1RB_Right	21.16	/	/	18.66	/	/	/	Pass	
		Edge_1RB_Left	21.14	/	/	18.64	/	/	/	Pass	
		Edge_1RB_Right	21.23	/	/	18.73	/	/	/	Pass	
		Outer_Full	21.34	/	/	18.84	/	/	/	Pass	
		Inner_Full	21.36	/	/	18.86	/	/	/	Pass	
		Inner_1RB_Left	21.27	/	/	18.77	/	/	/	Pass	
		Inner_1RB_Right	21.17	/	/	18.67	/	/	/	Pass	
	3690	Edge_1RB_Left	21.24	/	/	18.74	/	/	/	Pass	
		Edge_1RB_Right	21.12	/	/	18.62	/	/	/	Pass	
		Outer_Full	21.26	/	/	18.76	/	/	/	Pass	
		Inner_Full	21.34	/	/	18.84	/	/	/	Pass	
		Inner_1RB_Left	21.31	/	/	18.81	/	/	/	Pass	
	Inner_1RB_Right	21.08	/	/	18.58	/	/	/	Pass		
	CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	18.13	/	/	15.63	/	/	/	Pass
Edge_1RB_Right			18.29	/	/	15.79	/	/	/	Pass	
Outer_Full			18.24	/	/	15.74	/	/	/	Pass	
Inner_Full			18.25	/	/	15.75	/	/	/	Pass	
Inner_1RB_Left			18.22	/	/	15.72	/	/	/	Pass	
Inner_1RB_Right			18.24	/	/	15.74	/	/	/	Pass	
3624.99		Edge_1RB_Left	18.37	/	/	15.87	/	/	/	Pass	
		Edge_1RB_Right	18.24	/	/	15.74	/	/	/	Pass	
		Outer_Full	18.33	/	/	15.83	/	/	/	Pass	
		Inner_Full	18.42	/	/	15.92	/	/	/	Pass	
		Inner_1RB_Left	18.31	/	/	15.81	/	/	/	Pass	
		Inner_1RB_Right	18.37	/	/	15.87	/	/	/	Pass	
3690		Edge_1RB_Left	18.32	/	/	15.82	/	/	/	Pass	
		Edge_1RB_Right	18.10	/	/	15.60	/	/	/	Pass	
		Outer_Full	18.20	/	/	15.70	/	/	/	Pass	
		Inner_Full	18.40	/	/	15.90	/	/	/	Pass	
		Inner_1RB_Left	18.36	/	/	15.86	/	/	/	Pass	
Inner_1RB_Right		18.18	/	/	15.68	/	/	/	Pass		
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30k SISO 20MHz NTNV EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	24.95	/	/	22.45	/	/	<=23	Pass
		Edge_1RB_Right	23.21	/	/	20.71	/	/	<=23	Pass
		Outer_Full	21.74	/	/	19.24	/	/	<=23	Pass
		Inner_Full	24.88	/	/	22.38	/	/	<=23	Pass
		Inner_1RB_Left	24.92	/	/	22.42	/	/	<=23	Pass
		Inner_1RB_Right	24.68	/	/	22.18	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	24.79	/	/	22.29	/	/	<=23	Pass
		Edge_1RB_Right	24.55	/	/	22.05	/	/	<=23	Pass
		Outer_Full	22.22	/	/	19.72	/	/	<=23	Pass
		Inner_Full	25.31	/	/	22.81	/	/	<=23	Pass
		Inner_1RB_Left	24.90	/	/	22.40	/	/	<=23	Pass
		Inner_1RB_Right	24.90	/	/	22.40	/	/	<=23	Pass
	3690	Edge_1RB_Left	25.44	/	/	22.94	/	/	<=23	Pass
		Edge_1RB_Right	24.92	/	/	22.42	/	/	<=23	Pass
		Outer_Full	22.91	/	/	20.41	/	/	<=23	Pass
		Inner_Full	25.13	/	/	22.63	/	/	<=23	Pass
		Inner_1RB_Left	25.16	/	/	22.66	/	/	<=23	Pass
		Inner_1RB_Right	24.94	/	/	22.44	/	/	<=23	Pass

DFT-s-OFDM QPSK	3560.01	Edge 1RB Left	23.28	/	/	20.78	/	/	<=23	Pass
		Edge 1RB Right	22.81	/	/	20.31	/	/	<=23	Pass
		Outer Full	21.72	/	/	19.22	/	/	<=23	Pass
		Inner Full	23.75	/	/	21.25	/	/	<=23	Pass
		Inner 1RB Left	24.18	/	/	21.68	/	/	<=23	Pass
		Inner 1RB Right	22.38	/	/	19.88	/	/	<=23	Pass
	3624.99	Edge 1RB Left	24.05	/	/	21.55	/	/	<=23	Pass
		Edge 1RB Right	23.96	/	/	21.46	/	/	<=23	Pass
		Outer Full	22.04	/	/	19.54	/	/	<=23	Pass
		Inner Full	24.94	/	/	22.44	/	/	<=23	Pass
		Inner 1RB Left	25.49	/	/	22.99	/	/	<=23	Pass
		Inner 1RB Right	25.14	/	/	22.64	/	/	<=23	Pass
	3690	Edge 1RB Left	25.32	/	/	22.82	/	/	<=23	Pass
		Edge 1RB Right	23.63	/	/	21.13	/	/	<=23	Pass
		Outer Full	22.75	/	/	20.25	/	/	<=23	Pass
		Inner Full	24.83	/	/	22.33	/	/	<=23	Pass
		Inner 1RB Left	24.52	/	/	22.02	/	/	<=23	Pass
		Inner 1RB Right	23.14	/	/	20.64	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge 1RB Left	23.21	/	/	20.71	/	/	<=23	Pass
		Edge 1RB Right	23.00	/	/	20.50	/	/	<=23	Pass
		Outer Full	20.39	/	/	17.89	/	/	<=23	Pass
		Inner Full	23.73	/	/	21.23	/	/	<=23	Pass
		Inner 1RB Left	22.46	/	/	19.96	/	/	<=23	Pass
		Inner 1RB Right	23.51	/	/	21.01	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.71	/	/	20.21	/	/	<=23	Pass
		Edge 1RB Right	23.69	/	/	21.19	/	/	<=23	Pass
		Outer Full	20.63	/	/	18.13	/	/	<=23	Pass
		Inner Full	24.32	/	/	21.82	/	/	<=23	Pass
		Inner 1RB Left	23.75	/	/	21.25	/	/	<=23	Pass
		Inner 1RB Right	24.45	/	/	21.95	/	/	<=23	Pass
	3690	Edge 1RB Left	25.44	/	/	22.94	/	/	<=23	Pass
		Edge 1RB Right	23.74	/	/	21.24	/	/	<=23	Pass
		Outer Full	21.87	/	/	19.37	/	/	<=23	Pass
		Inner Full	25.34	/	/	22.84	/	/	<=23	Pass
		Inner 1RB Left	24.16	/	/	21.66	/	/	<=23	Pass
		Inner 1RB Right	24.22	/	/	21.72	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge 1RB Left	23.08	/	/	20.58	/	/	<=23	Pass
		Edge 1RB Right	21.97	/	/	19.47	/	/	<=23	Pass
		Outer Full	20.42	/	/	17.92	/	/	<=23	Pass
		Inner Full	22.55	/	/	20.05	/	/	<=23	Pass
		Inner 1RB Left	22.14	/	/	19.64	/	/	<=23	Pass
		Inner 1RB Right	22.03	/	/	19.53	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.53	/	/	20.03	/	/	<=23	Pass
		Edge 1RB Right	22.89	/	/	20.39	/	/	<=23	Pass
		Outer Full	20.21	/	/	17.71	/	/	<=23	Pass
		Inner Full	22.82	/	/	20.32	/	/	<=23	Pass
		Inner 1RB Left	22.22	/	/	19.72	/	/	<=23	Pass
		Inner 1RB Right	22.70	/	/	20.20	/	/	<=23	Pass
	3690	Edge 1RB Left	24.08	/	/	21.58	/	/	<=23	Pass
		Edge 1RB Right	16.35	/	/	13.85	/	/	<=23	Pass
		Outer Full	21.74	/	/	19.24	/	/	<=23	Pass
		Inner Full	23.44	/	/	20.94	/	/	<=23	Pass
		Inner 1RB Left	23.50	/	/	21.00	/	/	<=23	Pass
		Inner 1RB Right	25.44	/	/	22.94	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge 1RB Left	20.62	/	/	18.12	/	/	<=23	Pass
		Edge 1RB Right	19.73	/	/	17.23	/	/	<=23	Pass
		Outer Full	17.03	/	/	14.53	/	/	<=23	Pass
		Inner Full	20.37	/	/	17.87	/	/	<=23	Pass
		Inner 1RB Left	20.16	/	/	17.66	/	/	<=23	Pass

		Inner_1RB_Right	19.73	/	/	17.23	/	/	<=23	Pass
		Edge_1RB_Left	20.85	/	/	18.35	/	/	<=23	Pass
		Edge_1RB_Right	21.10	/	/	18.60	/	/	<=23	Pass
		Outer_Full	18.44	/	/	15.94	/	/	<=23	Pass
		Inner_Full	20.70	/	/	18.20	/	/	<=23	Pass
		Inner_1RB_Left	20.40	/	/	17.90	/	/	<=23	Pass
		Inner_1RB_Right	20.85	/	/	18.35	/	/	<=23	Pass
		Edge_1RB_Left	21.66	/	/	19.16	/	/	<=23	Pass
		Edge_1RB_Right	23.29	/	/	20.79	/	/	<=23	Pass
		Outer_Full	19.65	/	/	17.15	/	/	<=23	Pass
		Inner_Full	21.47	/	/	18.97	/	/	<=23	Pass
		Inner_1RB_Left	21.88	/	/	19.38	/	/	<=23	Pass
		Inner_1RB_Right	21.94	/	/	19.44	/	/	<=23	Pass
		Edge_1RB_Left	22.81	/	/	20.31	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Right	21.07	/	/	18.57	/	/	<=23	Pass
		Outer_Full	19.70	/	/	17.20	/	/	<=23	Pass
		Inner_Full	23.23	/	/	20.73	/	/	<=23	Pass
		Inner_1RB_Left	24.15	/	/	21.65	/	/	<=23	Pass
		Inner_1RB_Right	22.06	/	/	19.56	/	/	<=23	Pass
		Edge_1RB_Left	22.13	/	/	19.63	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	22.25	/	/	19.75	/	/	<=23	Pass
		Outer_Full	19.43	/	/	16.93	/	/	<=23	Pass
		Inner_Full	24.00	/	/	21.50	/	/	<=23	Pass
		Inner_1RB_Left	23.32	/	/	20.82	/	/	<=23	Pass
		Inner_1RB_Right	23.18	/	/	20.68	/	/	<=23	Pass
		Edge_1RB_Left	21.97	/	/	19.47	/	/	<=23	Pass
	3690	Edge_1RB_Right	24.16	/	/	21.66	/	/	<=23	Pass
		Outer_Full	20.03	/	/	17.53	/	/	<=23	Pass
		Inner_Full	25.37	/	/	22.87	/	/	<=23	Pass
		Inner_1RB_Left	25.17	/	/	22.67	/	/	<=23	Pass
		Inner_1RB_Right	24.19	/	/	21.69	/	/	<=23	Pass
		Edge_1RB_Left	19.38	/	/	16.88	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Right	22.61	/	/	20.11	/	/	<=23	Pass
		Outer_Full	19.47	/	/	16.97	/	/	<=23	Pass
		Inner_Full	22.18	/	/	19.68	/	/	<=23	Pass
		Inner_1RB_Left	23.19	/	/	20.69	/	/	<=23	Pass
		Inner_1RB_Right	21.43	/	/	18.93	/	/	<=23	Pass
		Edge_1RB_Left	22.38	/	/	19.88	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	22.01	/	/	19.51	/	/	<=23	Pass
		Outer_Full	19.75	/	/	17.25	/	/	<=23	Pass
		Inner_Full	23.61	/	/	21.11	/	/	<=23	Pass
		Inner_1RB_Left	23.05	/	/	20.55	/	/	<=23	Pass
		Inner_1RB_Right	23.50	/	/	21.00	/	/	<=23	Pass
		Edge_1RB_Left	24.26	/	/	21.76	/	/	<=23	Pass
	3690	Edge_1RB_Right	23.00	/	/	20.50	/	/	<=23	Pass
		Outer_Full	21.13	/	/	18.63	/	/	<=23	Pass
		Inner_Full	24.46	/	/	21.96	/	/	<=23	Pass
		Inner_1RB_Left	23.38	/	/	20.88	/	/	<=23	Pass
		Inner_1RB_Right	25.12	/	/	22.62	/	/	<=23	Pass
		Edge_1RB_Left	21.32	/	/	18.82	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Right	20.64	/	/	18.14	/	/	<=23	Pass
		Outer_Full	18.37	/	/	15.87	/	/	<=23	Pass
		Inner_Full	21.27	/	/	18.77	/	/	<=23	Pass
		Inner_1RB_Left	21.55	/	/	19.05	/	/	<=23	Pass
		Inner_1RB_Right	21.17	/	/	18.67	/	/	<=23	Pass
		Edge_1RB_Left	21.88	/	/	19.38	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	21.78	/	/	19.28	/	/	<=23	Pass
		Outer_Full	19.18	/	/	16.68	/	/	<=23	Pass
		Inner_Full	22.08	/	/	19.58	/	/	<=23	Pass

		Inner 1RB Left	21.31	/	/	18.81	/	/	<=23	Pass
		Inner 1RB Right	21.45	/	/	18.95	/	/	<=23	Pass
	3690	Edge 1RB Left	23.39	/	/	20.89	/	/	<=23	Pass
		Edge 1RB Right	19.40	/	/	16.90	/	/	<=23	Pass
		Outer Full	19.94	/	/	17.44	/	/	<=23	Pass
		Inner Full	23.49	/	/	20.99	/	/	<=23	Pass
		Inner 1RB Left	22.63	/	/	20.13	/	/	<=23	Pass
		Inner 1RB Right	21.37	/	/	18.87	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge 1RB Left	18.07	/	/	15.57	/	/	<=23	Pass
		Edge 1RB Right	15.70	/	/	13.20	/	/	<=23	Pass
		Outer Full	15.89	/	/	13.39	/	/	<=23	Pass
		Inner Full	18.86	/	/	16.36	/	/	<=23	Pass
		Inner 1RB Left	17.45	/	/	14.95	/	/	<=23	Pass
		Inner 1RB Right	17.45	/	/	14.95	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.03	/	/	16.53	/	/	<=23	Pass
		Edge 1RB Right	19.06	/	/	16.56	/	/	<=23	Pass
		Outer Full	16.51	/	/	14.01	/	/	<=23	Pass
		Inner Full	19.02	/	/	16.52	/	/	<=23	Pass
		Inner 1RB Left	18.82	/	/	16.32	/	/	<=23	Pass
		Inner 1RB Right	18.54	/	/	16.04	/	/	<=23	Pass
	3690	Edge 1RB Left	19.86	/	/	17.36	/	/	<=23	Pass
		Edge 1RB Right	18.30	/	/	15.80	/	/	<=23	Pass
		Outer Full	17.32	/	/	14.82	/	/	<=23	Pass
		Inner Full	19.74	/	/	17.24	/	/	<=23	Pass
		Inner 1RB Left	20.49	/	/	17.99	/	/	<=23	Pass
		Inner 1RB Right	19.93	/	/	17.43	/	/	<=23	Pass
Note1: Antenna Gain: Ant6: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_30MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge 1RB Left	23.58	/	/	21.08	/	/	/	Pass
		Edge 1RB Right	23.73	/	/	21.23	/	/	/	Pass
		Outer Full	23.87	/	/	21.37	/	/	/	Pass
		Inner Full	24.82	/	/	22.32	/	/	/	Pass
		Inner 1RB Left	24.64	/	/	22.14	/	/	/	Pass
		Inner 1RB Right	24.83	/	/	22.33	/	/	/	Pass
	3624.99	Edge 1RB Left	23.59	/	/	21.09	/	/	/	Pass
		Edge 1RB Right	24.30	/	/	21.80	/	/	/	Pass
		Outer Full	24.45	/	/	21.95	/	/	/	Pass
		Inner Full	25.00	/	/	22.50	/	/	/	Pass
		Inner 1RB Left	24.82	/	/	22.32	/	/	/	Pass
		Inner 1RB Right	24.91	/	/	22.41	/	/	/	Pass
	3684.99	Edge 1RB Left	23.59	/	/	21.09	/	/	/	Pass
		Edge 1RB Right	23.76	/	/	21.26	/	/	/	Pass
		Outer Full	24.46	/	/	21.96	/	/	/	Pass
		Inner Full	25.04	/	/	22.54	/	/	/	Pass
		Inner 1RB Left	24.75	/	/	22.25	/	/	/	Pass
		Inner 1RB Right	24.79	/	/	22.29	/	/	/	Pass
DFT-s-OFDM QPSK	3565.02	Edge 1RB Left	23.62	/	/	21.12	/	/	/	Pass
		Edge 1RB Right	23.70	/	/	21.20	/	/	/	Pass
		Outer Full	23.87	/	/	21.37	/	/	/	Pass
		Inner Full	24.78	/	/	22.28	/	/	/	Pass
		Inner 1RB Left	24.62	/	/	22.12	/	/	/	Pass
		Inner 1RB Right	24.81	/	/	22.31	/	/	/	Pass

	3624.99	Edge_1RB_Left	23.70	/	/	21.20	/	/	/	Pass
		Edge_1RB_Right	23.71	/	/	21.21	/	/	/	Pass
		Outer_Full	23.97	/	/	21.47	/	/	/	Pass
		Inner_Full	24.91	/	/	22.41	/	/	/	Pass
		Inner_1RB_Left	24.68	/	/	22.18	/	/	/	Pass
		Inner_1RB_Right	24.78	/	/	22.28	/	/	/	Pass
	3684.99	Edge_1RB_Left	23.71	/	/	21.21	/	/	/	Pass
		Edge_1RB_Right	23.68	/	/	21.18	/	/	/	Pass
		Outer_Full	23.90	/	/	21.40	/	/	/	Pass
		Inner_Full	24.99	/	/	22.49	/	/	/	Pass
		Inner_1RB_Left	24.69	/	/	22.19	/	/	/	Pass
		Inner_1RB_Right	24.76	/	/	22.26	/	/	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Edge_1RB_Left	22.55	/	/	20.05	/	/	/	Pass
		Edge_1RB_Right	22.62	/	/	20.12	/	/	/	Pass
		Outer_Full	22.72	/	/	20.22	/	/	/	Pass
		Inner_Full	23.68	/	/	21.18	/	/	/	Pass
		Inner_1RB_Left	23.34	/	/	20.84	/	/	/	Pass
		Inner_1RB_Right	23.42	/	/	20.92	/	/	/	Pass
	3624.99	Edge_1RB_Left	22.66	/	/	20.16	/	/	/	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	/	Pass
		Outer_Full	22.85	/	/	20.35	/	/	/	Pass
		Inner_Full	23.80	/	/	21.30	/	/	/	Pass
		Inner_1RB_Left	23.50	/	/	21.00	/	/	/	Pass
		Inner_1RB_Right	23.60	/	/	21.10	/	/	/	Pass
	3684.99	Edge_1RB_Left	22.51	/	/	20.01	/	/	/	Pass
		Edge_1RB_Right	22.58	/	/	20.08	/	/	/	Pass
		Outer_Full	22.89	/	/	20.39	/	/	/	Pass
		Inner_Full	23.79	/	/	21.29	/	/	/	Pass
		Inner_1RB_Left	23.51	/	/	21.01	/	/	/	Pass
		Inner_1RB_Right	23.51	/	/	21.01	/	/	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Edge_1RB_Left	22.12	/	/	19.62	/	/	/	Pass
		Edge_1RB_Right	22.29	/	/	19.79	/	/	/	Pass
		Outer_Full	22.21	/	/	19.71	/	/	/	Pass
		Inner_Full	22.26	/	/	19.76	/	/	/	Pass
		Inner_1RB_Left	22.11	/	/	19.61	/	/	/	Pass
		Inner_1RB_Right	22.30	/	/	19.80	/	/	/	Pass
	3624.99	Edge_1RB_Left	22.31	/	/	19.81	/	/	/	Pass
		Edge_1RB_Right	22.27	/	/	19.77	/	/	/	Pass
		Outer_Full	22.36	/	/	19.86	/	/	/	Pass
		Inner_Full	22.53	/	/	20.03	/	/	/	Pass
		Inner_1RB_Left	21.66	/	/	19.16	/	/	/	Pass
		Inner_1RB_Right	22.30	/	/	19.80	/	/	/	Pass
	3684.99	Edge_1RB_Left	22.28	/	/	19.78	/	/	/	Pass
		Edge_1RB_Right	22.24	/	/	19.74	/	/	/	Pass
		Outer_Full	22.34	/	/	19.84	/	/	/	Pass
		Inner_Full	22.31	/	/	19.81	/	/	/	Pass
		Inner_1RB_Left	22.19	/	/	19.69	/	/	/	Pass
		Inner_1RB_Right	22.24	/	/	19.74	/	/	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Edge_1RB_Left	20.07	/	/	17.57	/	/	/	Pass
		Edge_1RB_Right	20.22	/	/	17.72	/	/	/	Pass
		Outer_Full	20.19	/	/	17.69	/	/	/	Pass
		Inner_Full	20.25	/	/	17.75	/	/	/	Pass
		Inner_1RB_Left	20.19	/	/	17.69	/	/	/	Pass
		Inner_1RB_Right	20.21	/	/	17.71	/	/	/	Pass
	3624.99	Edge_1RB_Left	20.27	/	/	17.77	/	/	/	Pass
		Edge_1RB_Right	20.26	/	/	17.76	/	/	/	Pass
		Outer_Full	20.39	/	/	17.89	/	/	/	Pass
		Inner_Full	20.31	/	/	17.81	/	/	/	Pass
		Inner_1RB_Left	20.26	/	/	17.76	/	/	/	Pass

	3684.99	Inner 1RB Right	20.26	/	/	17.76	/	/	/	Pass
		Edge 1RB Left	20.23	/	/	17.73	/	/	/	Pass
		Edge 1RB Right	20.26	/	/	17.76	/	/	/	Pass
		Outer Full	20.26	/	/	17.76	/	/	/	Pass
		Inner Full	20.24	/	/	17.74	/	/	/	Pass
		Inner 1RB Left	20.25	/	/	17.75	/	/	/	Pass
		Inner 1RB Right	20.21	/	/	17.71	/	/	/	Pass
CP-OFDM QPSK	3565.02	Edge 1RB Left	21.88	/	/	19.38	/	/	/	Pass
		Edge 1RB Right	22.05	/	/	19.55	/	/	/	Pass
		Outer Full	21.71	/	/	19.21	/	/	/	Pass
		Inner Full	23.20	/	/	20.70	/	/	/	Pass
		Inner 1RB Left	23.35	/	/	20.85	/	/	/	Pass
		Inner 1RB Right	23.37	/	/	20.87	/	/	/	Pass
	3624.99	Edge 1RB Left	21.89	/	/	19.39	/	/	/	Pass
		Edge 1RB Right	22.02	/	/	19.52	/	/	/	Pass
		Outer Full	21.75	/	/	19.25	/	/	/	Pass
		Inner Full	23.21	/	/	20.71	/	/	/	Pass
		Inner 1RB Left	23.40	/	/	20.90	/	/	/	Pass
		Inner 1RB Right	23.28	/	/	20.78	/	/	/	Pass
	3684.99	Edge 1RB Left	21.87	/	/	19.37	/	/	/	Pass
		Edge 1RB Right	21.94	/	/	19.44	/	/	/	Pass
		Outer Full	21.69	/	/	19.19	/	/	/	Pass
		Inner Full	23.28	/	/	20.78	/	/	/	Pass
		Inner 1RB Left	23.44	/	/	20.94	/	/	/	Pass
CP-OFDM 16 QAM	3565.02	Inner 1RB Right	23.38	/	/	20.88	/	/	/	Pass
		Edge 1RB Left	21.58	/	/	19.08	/	/	/	Pass
		Edge 1RB Right	21.78	/	/	19.28	/	/	/	Pass
		Outer Full	21.74	/	/	19.24	/	/	/	Pass
		Inner Full	22.79	/	/	20.29	/	/	/	Pass
		Inner 1RB Left	22.60	/	/	20.10	/	/	/	Pass
	3624.99	Inner 1RB Right	22.62	/	/	20.12	/	/	/	Pass
		Edge 1RB Left	21.61	/	/	19.11	/	/	/	Pass
		Edge 1RB Right	21.70	/	/	19.20	/	/	/	Pass
		Outer Full	21.81	/	/	19.31	/	/	/	Pass
		Inner Full	22.77	/	/	20.27	/	/	/	Pass
		Inner 1RB Left	22.60	/	/	20.10	/	/	/	Pass
	3684.99	Inner 1RB Right	22.65	/	/	20.15	/	/	/	Pass
		Edge 1RB Left	21.71	/	/	19.21	/	/	/	Pass
		Edge 1RB Right	21.68	/	/	19.18	/	/	/	Pass
		Outer Full	21.88	/	/	19.38	/	/	/	Pass
		Inner Full	22.91	/	/	20.41	/	/	/	Pass
		Inner 1RB Left	22.73	/	/	20.23	/	/	/	Pass
CP-OFDM 64 QAM	3565.02	Inner 1RB Right	22.64	/	/	20.14	/	/	/	Pass
		Edge 1RB Left	21.14	/	/	18.64	/	/	/	Pass
		Edge 1RB Right	21.34	/	/	18.84	/	/	/	Pass
		Outer Full	21.25	/	/	18.75	/	/	/	Pass
		Inner Full	21.22	/	/	18.72	/	/	/	Pass
		Inner 1RB Left	21.19	/	/	18.69	/	/	/	Pass
	3624.99	Inner 1RB Right	21.34	/	/	18.84	/	/	/	Pass
		Edge 1RB Left	21.22	/	/	18.72	/	/	/	Pass
		Edge 1RB Right	21.27	/	/	18.77	/	/	/	Pass
		Outer Full	21.35	/	/	18.85	/	/	/	Pass
		Inner Full	21.30	/	/	18.80	/	/	/	Pass
		Inner 1RB Left	21.27	/	/	18.77	/	/	/	Pass
	3684.99	Inner 1RB Right	21.22	/	/	18.72	/	/	/	Pass
		Edge 1RB Left	21.26	/	/	18.76	/	/	/	Pass
		Edge 1RB Right	21.31	/	/	18.81	/	/	/	Pass
		Outer Full	21.40	/	/	18.90	/	/	/	Pass
		Inner Full	21.57	/	/	19.07	/	/	/	Pass

		Inner_1RB_Left	21.29	/	/	18.79	/	/	/	Pass	
		Inner_1RB_Right	21.29	/	/	18.79	/	/	/	Pass	
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	18.24	/	/	15.74	/	/	/	Pass	
		Edge_1RB_Right	18.42	/	/	15.92	/	/	/	Pass	
		Outer_Full	18.25	/	/	15.75	/	/	/	Pass	
		Inner_Full	18.28	/	/	15.78	/	/	/	Pass	
		Inner_1RB_Left	18.28	/	/	15.78	/	/	/	Pass	
		Inner_1RB_Right	18.49	/	/	15.99	/	/	/	Pass	
		Edge_1RB_Left	18.18	/	/	15.68	/	/	/	Pass	
		Edge_1RB_Right	18.27	/	/	15.77	/	/	/	Pass	
	3624.99	Outer_Full	18.34	/	/	15.84	/	/	/	Pass	
		Inner_Full	18.24	/	/	15.74	/	/	/	Pass	
		Inner_1RB_Left	18.27	/	/	15.77	/	/	/	Pass	
		Inner_1RB_Right	18.39	/	/	15.89	/	/	/	Pass	
		Edge_1RB_Left	18.35	/	/	15.85	/	/	/	Pass	
		Edge_1RB_Right	18.27	/	/	15.77	/	/	/	Pass	
	3684.99	Outer_Full	18.41	/	/	15.91	/	/	/	Pass	
		Inner_Full	18.28	/	/	15.78	/	/	/	Pass	
		Inner_1RB_Left	18.32	/	/	15.82	/	/	/	Pass	
		Inner_1RB_Right	18.28	/	/	15.78	/	/	/	Pass	
		Note1: Antenna Gain: Ant6: -2.50dBi;									
		Note2: EIRP=Conducted Power+Antenna Gain									

1.1.8 30k_SISO_30MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1RB_Left	23.70	/	/	21.20	/	/	<=23	Pass
		Edge_1RB_Right	24.13	/	/	21.63	/	/	<=23	Pass
		Outer_Full	19.55	/	/	17.05	/	/	<=23	Pass
		Inner_Full	24.44	/	/	21.94	/	/	<=23	Pass
		Inner_1RB_Left	24.15	/	/	21.65	/	/	<=23	Pass
		Inner_1RB_Right	25.05	/	/	22.55	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	24.26	/	/	21.76	/	/	<=23	Pass
		Edge_1RB_Right	24.71	/	/	22.21	/	/	<=23	Pass
		Outer_Full	20.48	/	/	17.98	/	/	<=23	Pass
		Inner_Full	24.61	/	/	22.11	/	/	<=23	Pass
		Inner_1RB_Left	25.49	/	/	22.99	/	/	<=23	Pass
		Inner_1RB_Right	25.38	/	/	22.88	/	/	<=23	Pass
	3684.99	Edge_1RB_Left	24.54	/	/	22.04	/	/	<=23	Pass
		Edge_1RB_Right	24.31	/	/	21.81	/	/	<=23	Pass
		Outer_Full	21.04	/	/	18.54	/	/	<=23	Pass
		Inner_Full	25.10	/	/	22.60	/	/	<=23	Pass
		Inner_1RB_Left	25.11	/	/	22.61	/	/	<=23	Pass
		Inner_1RB_Right	25.21	/	/	22.71	/	/	<=23	Pass
DFT-s-OFDM QPSK	3565.02	Edge_1RB_Left	24.63	/	/	22.13	/	/	<=23	Pass
		Edge_1RB_Right	24.23	/	/	21.73	/	/	<=23	Pass
		Outer_Full	20.21	/	/	17.71	/	/	<=23	Pass
		Inner_Full	24.22	/	/	21.72	/	/	<=23	Pass
		Inner_1RB_Left	24.96	/	/	22.46	/	/	<=23	Pass
		Inner_1RB_Right	24.94	/	/	22.44	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	23.93	/	/	21.43	/	/	<=23	Pass
		Edge_1RB_Right	24.51	/	/	22.01	/	/	<=23	Pass
		Outer_Full	19.94	/	/	17.44	/	/	<=23	Pass
		Inner_Full	24.90	/	/	22.40	/	/	<=23	Pass
		Inner_1RB_Left	24.90	/	/	22.40	/	/	<=23	Pass

	3684.99	Inner_1RB_Right	24.86	/	/	22.36	/	/	<=23	Pass
		Edge_1RB_Left	24.30	/	/	21.80	/	/	<=23	Pass
		Edge_1RB_Right	24.57	/	/	22.07	/	/	<=23	Pass
		Outer_Full	20.00	/	/	17.50	/	/	<=23	Pass
		Inner_Full	25.46	/	/	22.96	/	/	<=23	Pass
		Inner_1RB_Left	25.04	/	/	22.54	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3565.02	Inner_1RB_Right	25.18	/	/	22.68	/	/	<=23	Pass
		Edge_1RB_Left	23.03	/	/	20.53	/	/	<=23	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=23	Pass
		Outer_Full	19.10	/	/	16.60	/	/	<=23	Pass
		Inner_Full	23.42	/	/	20.92	/	/	<=23	Pass
		Inner_1RB_Left	22.65	/	/	20.15	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	24.36	/	/	21.86	/	/	<=23	Pass
		Edge_1RB_Left	23.33	/	/	20.83	/	/	<=23	Pass
		Edge_1RB_Right	23.61	/	/	21.11	/	/	<=23	Pass
		Outer_Full	18.90	/	/	16.40	/	/	<=23	Pass
		Inner_Full	23.13	/	/	20.63	/	/	<=23	Pass
		Inner_1RB_Left	24.40	/	/	21.90	/	/	<=23	Pass
	3684.99	Inner_1RB_Right	24.18	/	/	21.68	/	/	<=23	Pass
		Edge_1RB_Left	23.92	/	/	21.42	/	/	<=23	Pass
		Edge_1RB_Right	24.78	/	/	22.28	/	/	<=23	Pass
		Outer_Full	19.74	/	/	17.24	/	/	<=23	Pass
		Inner_Full	24.73	/	/	22.23	/	/	<=23	Pass
		Inner_1RB_Left	23.71	/	/	21.21	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3565.02	Inner_1RB_Right	24.64	/	/	22.14	/	/	<=23	Pass
		Edge_1RB_Left	21.32	/	/	18.82	/	/	<=23	Pass
		Edge_1RB_Right	22.50	/	/	20.00	/	/	<=23	Pass
		Outer_Full	18.87	/	/	16.37	/	/	<=23	Pass
		Inner_Full	21.70	/	/	19.20	/	/	<=23	Pass
		Inner_1RB_Left	22.33	/	/	19.83	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	22.88	/	/	20.38	/	/	<=23	Pass
		Edge_1RB_Left	22.79	/	/	20.29	/	/	<=23	Pass
		Edge_1RB_Right	22.81	/	/	20.31	/	/	<=23	Pass
		Outer_Full	18.70	/	/	16.20	/	/	<=23	Pass
		Inner_Full	21.84	/	/	19.34	/	/	<=23	Pass
		Inner_1RB_Left	22.59	/	/	20.09	/	/	<=23	Pass
	3684.99	Inner_1RB_Right	23.55	/	/	21.05	/	/	<=23	Pass
		Edge_1RB_Left	24.14	/	/	21.64	/	/	<=23	Pass
		Edge_1RB_Right	23.81	/	/	21.31	/	/	<=23	Pass
		Outer_Full	19.82	/	/	17.32	/	/	<=23	Pass
		Inner_Full	22.50	/	/	20.00	/	/	<=23	Pass
		Inner_1RB_Left	23.84	/	/	21.34	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3565.02	Inner_1RB_Right	23.58	/	/	21.08	/	/	<=23	Pass
		Edge_1RB_Left	20.22	/	/	17.72	/	/	<=23	Pass
		Edge_1RB_Right	19.88	/	/	17.38	/	/	<=23	Pass
		Outer_Full	16.62	/	/	14.12	/	/	<=23	Pass
		Inner_Full	19.49	/	/	16.99	/	/	<=23	Pass
		Inner_1RB_Left	21.53	/	/	19.03	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	20.80	/	/	18.30	/	/	<=23	Pass
		Edge_1RB_Left	20.23	/	/	17.73	/	/	<=23	Pass
		Edge_1RB_Right	20.94	/	/	18.44	/	/	<=23	Pass
		Outer_Full	16.60	/	/	14.10	/	/	<=23	Pass
		Inner_Full	19.35	/	/	16.85	/	/	<=23	Pass
		Inner_1RB_Left	20.88	/	/	18.38	/	/	<=23	Pass
	3684.99	Inner_1RB_Right	21.19	/	/	18.69	/	/	<=23	Pass
		Edge_1RB_Left	22.51	/	/	20.01	/	/	<=23	Pass
		Edge_1RB_Right	21.10	/	/	18.60	/	/	<=23	Pass
		Outer_Full	17.10	/	/	14.60	/	/	<=23	Pass
		Inner_Full	20.28	/	/	17.78	/	/	<=23	Pass

CP-OFDM QPSK		Inner 1RB Left	22.62	/	/	20.12	/	/	<=23	Pass
		Inner 1RB Right	21.97	/	/	19.47	/	/	<=23	Pass
	3565.02	Edge 1RB Left	23.16	/	/	20.66	/	/	<=23	Pass
		Edge 1RB Right	21.90	/	/	19.40	/	/	<=23	Pass
		Outer Full	17.90	/	/	15.40	/	/	<=23	Pass
		Inner Full	22.40	/	/	19.90	/	/	<=23	Pass
		Inner 1RB Left	23.42	/	/	20.92	/	/	<=23	Pass
		Inner 1RB Right	23.87	/	/	21.37	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.50	/	/	19.00	/	/	<=23	Pass
		Edge 1RB Right	22.46	/	/	19.96	/	/	<=23	Pass
		Outer Full	17.52	/	/	15.02	/	/	<=23	Pass
		Inner Full	22.11	/	/	19.61	/	/	<=23	Pass
		Inner 1RB Left	23.06	/	/	20.56	/	/	<=23	Pass
		Inner 1RB Right	23.90	/	/	21.40	/	/	<=23	Pass
	3684.99	Edge 1RB Left	23.34	/	/	20.84	/	/	<=23	Pass
		Edge 1RB Right	23.47	/	/	20.97	/	/	<=23	Pass
		Outer Full	18.38	/	/	15.88	/	/	<=23	Pass
		Inner Full	23.97	/	/	21.47	/	/	<=23	Pass
		Inner 1RB Left	23.07	/	/	20.57	/	/	<=23	Pass
		Inner 1RB Right	24.28	/	/	21.78	/	/	<=23	Pass
CP-OFDM 16 QAM	3565.02	Edge 1RB Left	21.61	/	/	19.11	/	/	<=23	Pass
		Edge 1RB Right	22.56	/	/	20.06	/	/	<=23	Pass
		Outer Full	18.10	/	/	15.60	/	/	<=23	Pass
		Inner Full	21.94	/	/	19.44	/	/	<=23	Pass
		Inner 1RB Left	23.03	/	/	20.53	/	/	<=23	Pass
		Inner 1RB Right	23.41	/	/	20.91	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.80	/	/	19.30	/	/	<=23	Pass
		Edge 1RB Right	21.89	/	/	19.39	/	/	<=23	Pass
		Outer Full	17.48	/	/	14.98	/	/	<=23	Pass
		Inner Full	22.08	/	/	19.58	/	/	<=23	Pass
		Inner 1RB Left	23.26	/	/	20.76	/	/	<=23	Pass
		Inner 1RB Right	22.85	/	/	20.35	/	/	<=23	Pass
	3684.99	Edge 1RB Left	24.01	/	/	21.51	/	/	<=23	Pass
		Edge 1RB Right	22.83	/	/	20.33	/	/	<=23	Pass
		Outer Full	18.47	/	/	15.97	/	/	<=23	Pass
		Inner Full	22.84	/	/	20.34	/	/	<=23	Pass
		Inner 1RB Left	24.10	/	/	21.60	/	/	<=23	Pass
		Inner 1RB Right	24.13	/	/	21.63	/	/	<=23	Pass
CP-OFDM 64 QAM	3565.02	Edge 1RB Left	21.58	/	/	19.08	/	/	<=23	Pass
		Edge 1RB Right	21.72	/	/	19.22	/	/	<=23	Pass
		Outer Full	17.33	/	/	14.83	/	/	<=23	Pass
		Inner Full	20.76	/	/	18.26	/	/	<=23	Pass
		Inner 1RB Left	20.24	/	/	17.74	/	/	<=23	Pass
		Inner 1RB Right	22.24	/	/	19.74	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.10	/	/	18.60	/	/	<=23	Pass
		Edge 1RB Right	21.89	/	/	19.39	/	/	<=23	Pass
		Outer Full	16.78	/	/	14.28	/	/	<=23	Pass
		Inner Full	20.24	/	/	17.74	/	/	<=23	Pass
		Inner 1RB Left	21.21	/	/	18.71	/	/	<=23	Pass
		Inner 1RB Right	22.22	/	/	19.72	/	/	<=23	Pass
	3684.99	Edge 1RB Left	22.52	/	/	20.02	/	/	<=23	Pass
		Edge 1RB Right	24.04	/	/	21.54	/	/	<=23	Pass
		Outer Full	18.79	/	/	16.29	/	/	<=23	Pass
		Inner Full	21.07	/	/	18.57	/	/	<=23	Pass
		Inner 1RB Left	23.17	/	/	20.67	/	/	<=23	Pass
		Inner 1RB Right	22.06	/	/	19.56	/	/	<=23	Pass
CP-OFDM 256 QAM	3565.02	Edge 1RB Left	18.42	/	/	15.92	/	/	<=23	Pass
		Edge 1RB Right	18.25	/	/	15.75	/	/	<=23	Pass
		Outer Full	14.52	/	/	12.02	/	/	<=23	Pass

		Inner Full	17.25	/	/	14.75	/	/	<=23	Pass
		Inner 1RB Left	18.93	/	/	16.43	/	/	<=23	Pass
		Inner 1RB Right	18.62	/	/	16.12	/	/	<=23	Pass
	3624.99	Edge 1RB Left	18.79	/	/	16.29	/	/	<=23	Pass
		Edge 1RB Right	18.89	/	/	16.39	/	/	<=23	Pass
		Outer Full	14.04	/	/	11.54	/	/	<=23	Pass
		Inner Full	17.35	/	/	14.85	/	/	<=23	Pass
		Inner 1RB Left	18.06	/	/	15.56	/	/	<=23	Pass
		Inner 1RB Right	18.89	/	/	16.39	/	/	<=23	Pass
	3684.99	Edge 1RB Left	20.28	/	/	17.78	/	/	<=23	Pass
		Edge 1RB Right	21.13	/	/	18.63	/	/	<=23	Pass
		Outer Full	15.42	/	/	12.92	/	/	<=23	Pass
		Inner Full	18.98	/	/	16.48	/	/	<=23	Pass
		Inner 1RB Left	19.97	/	/	17.47	/	/	<=23	Pass
		Inner 1RB Right	19.55	/	/	17.05	/	/	<=23	Pass
Note1: Antenna Gain: Ant6: -2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_40MHz_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 40MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge 1RB Left	23.96	/	/	21.46	/	/	/	Pass
		Edge 1RB Right	24.08	/	/	21.58	/	/	/	Pass
		Outer Full	24.27	/	/	21.77	/	/	/	Pass
		Inner Full	24.87	/	/	22.37	/	/	/	Pass
		Inner 1RB Left	24.61	/	/	22.11	/	/	/	Pass
		Inner 1RB Right	24.76	/	/	22.26	/	/	/	Pass
	3624.99	Edge 1RB Left	24.03	/	/	21.53	/	/	/	Pass
		Edge 1RB Right	24.08	/	/	21.58	/	/	/	Pass
		Outer Full	24.30	/	/	21.80	/	/	/	Pass
		Inner Full	24.93	/	/	22.43	/	/	/	Pass
		Inner 1RB Left	24.70	/	/	22.20	/	/	/	Pass
		Inner 1RB Right	24.68	/	/	22.18	/	/	/	Pass
	3679.98	Edge 1RB Left	23.91	/	/	21.41	/	/	/	Pass
		Edge 1RB Right	24.05	/	/	21.55	/	/	/	Pass
		Outer Full	24.18	/	/	21.68	/	/	/	Pass
		Inner Full	24.88	/	/	22.38	/	/	/	Pass
		Inner 1RB Left	24.57	/	/	22.07	/	/	/	Pass
		Inner 1RB Right	24.58	/	/	22.08	/	/	/	Pass
DFT-s-OFDM QPSK	3570	Edge 1RB Left	23.45	/	/	20.95	/	/	/	Pass
		Edge 1RB Right	23.61	/	/	21.11	/	/	/	Pass
		Outer Full	23.81	/	/	21.31	/	/	/	Pass
		Inner Full	24.80	/	/	22.30	/	/	/	Pass
		Inner 1RB Left	24.54	/	/	22.04	/	/	/	Pass
		Inner 1RB Right	24.63	/	/	22.13	/	/	/	Pass
	3624.99	Edge 1RB Left	23.55	/	/	21.05	/	/	/	Pass
		Edge 1RB Right	23.52	/	/	21.02	/	/	/	Pass
		Outer Full	23.82	/	/	21.32	/	/	/	Pass
		Inner Full	24.80	/	/	22.30	/	/	/	Pass
		Inner 1RB Left	24.59	/	/	22.09	/	/	/	Pass
		Inner 1RB Right	24.67	/	/	22.17	/	/	/	Pass
	3679.98	Edge 1RB Left	23.41	/	/	20.91	/	/	/	Pass
		Edge 1RB Right	23.53	/	/	21.03	/	/	/	Pass
		Outer Full	23.73	/	/	21.23	/	/	/	Pass
		Inner Full	24.75	/	/	22.25	/	/	/	Pass
		Inner 1RB Left	24.56	/	/	22.06	/	/	/	Pass

		Inner 1RB Right	24.62	/	/	22.12	/	/	/	Pass
DFT-s-OFDM 16 QAM	3570	Edge 1RB Left	22.37	/	/	19.87	/	/	/	Pass
		Edge 1RB Right	22.42	/	/	19.92	/	/	/	Pass
		Outer Full	22.68	/	/	20.18	/	/	/	Pass
		Inner Full	23.80	/	/	21.30	/	/	/	Pass
		Inner 1RB Left	23.38	/	/	20.88	/	/	/	Pass
		Inner 1RB Right	23.46	/	/	20.96	/	/	/	Pass
	3624.99	Edge 1RB Left	22.44	/	/	19.94	/	/	/	Pass
		Edge 1RB Right	22.57	/	/	20.07	/	/	/	Pass
		Outer Full	22.73	/	/	20.23	/	/	/	Pass
		Inner Full	23.83	/	/	21.33	/	/	/	Pass
		Inner 1RB Left	23.40	/	/	20.90	/	/	/	Pass
		Inner 1RB Right	23.42	/	/	20.92	/	/	/	Pass
	3679.98	Edge 1RB Left	22.28	/	/	19.78	/	/	/	Pass
		Edge 1RB Right	22.37	/	/	19.87	/	/	/	Pass
		Outer Full	22.66	/	/	20.16	/	/	/	Pass
		Inner Full	23.69	/	/	21.19	/	/	/	Pass
		Inner 1RB Left	23.42	/	/	20.92	/	/	/	Pass
		Inner 1RB Right	23.53	/	/	21.03	/	/	/	Pass
DFT-s-OFDM 64 QAM	3570	Edge 1RB Left	22.04	/	/	19.54	/	/	/	Pass
		Edge 1RB Right	22.12	/	/	19.62	/	/	/	Pass
		Outer Full	22.25	/	/	19.75	/	/	/	Pass
		Inner Full	22.38	/	/	19.88	/	/	/	Pass
		Inner 1RB Left	22.15	/	/	19.65	/	/	/	Pass
		Inner 1RB Right	22.24	/	/	19.74	/	/	/	Pass
	3624.99	Edge 1RB Left	22.01	/	/	19.51	/	/	/	Pass
		Edge 1RB Right	22.03	/	/	19.53	/	/	/	Pass
		Outer Full	22.29	/	/	19.79	/	/	/	Pass
		Inner Full	22.20	/	/	19.70	/	/	/	Pass
		Inner 1RB Left	22.00	/	/	19.50	/	/	/	Pass
		Inner 1RB Right	22.03	/	/	19.53	/	/	/	Pass
	3679.98	Edge 1RB Left	21.97	/	/	19.47	/	/	/	Pass
		Edge 1RB Right	22.07	/	/	19.57	/	/	/	Pass
		Outer Full	22.15	/	/	19.65	/	/	/	Pass
		Inner Full	22.33	/	/	19.83	/	/	/	Pass
		Inner 1RB Left	22.10	/	/	19.60	/	/	/	Pass
		Inner 1RB Right	22.05	/	/	19.55	/	/	/	Pass
DFT-s-OFDM 256 QAM	3570	Edge 1RB Left	20.07	/	/	17.57	/	/	/	Pass
		Edge 1RB Right	20.19	/	/	17.69	/	/	/	Pass
		Outer Full	20.28	/	/	17.78	/	/	/	Pass
		Inner Full	20.28	/	/	17.78	/	/	/	Pass
		Inner 1RB Left	20.08	/	/	17.58	/	/	/	Pass
		Inner 1RB Right	20.14	/	/	17.64	/	/	/	Pass
	3624.99	Edge 1RB Left	20.07	/	/	17.57	/	/	/	Pass
		Edge 1RB Right	20.10	/	/	17.60	/	/	/	Pass
		Outer Full	20.12	/	/	17.62	/	/	/	Pass
		Inner Full	20.29	/	/	17.79	/	/	/	Pass
		Inner 1RB Left	20.07	/	/	17.57	/	/	/	Pass
		Inner 1RB Right	20.21	/	/	17.71	/	/	/	Pass
	3679.98	Edge 1RB Left	20.04	/	/	17.54	/	/	/	Pass
		Edge 1RB Right	20.03	/	/	17.53	/	/	/	Pass
		Outer Full	20.32	/	/	17.82	/	/	/	Pass
		Inner Full	20.29	/	/	17.79	/	/	/	Pass
		Inner 1RB Left	20.03	/	/	17.53	/	/	/	Pass
		Inner 1RB Right	20.03	/	/	17.53	/	/	/	Pass
CP-OFDM QPSK	3570	Edge 1RB Left	21.72	/	/	19.22	/	/	/	Pass
		Edge 1RB Right	21.84	/	/	19.34	/	/	/	Pass
		Outer Full	21.81	/	/	19.31	/	/	/	Pass
		Inner Full	23.24	/	/	20.74	/	/	/	Pass

		Inner 1RB Left	23.27	/	/	20.77	/	/	/	Pass
		Inner 1RB Right	23.41	/	/	20.91	/	/	/	Pass
	3624.99	Edge 1RB Left	21.74	/	/	19.24	/	/	/	Pass
		Edge 1RB Right	21.81	/	/	19.31	/	/	/	Pass
		Outer Full	21.79	/	/	19.29	/	/	/	Pass
		Inner Full	23.26	/	/	20.76	/	/	/	Pass
		Inner 1RB Left	23.29	/	/	20.79	/	/	/	Pass
		Inner 1RB Right	23.31	/	/	20.81	/	/	/	Pass
	3679.98	Edge 1RB Left	21.54	/	/	19.04	/	/	/	Pass
		Edge 1RB Right	21.72	/	/	19.22	/	/	/	Pass
		Outer Full	21.78	/	/	19.28	/	/	/	Pass
		Inner Full	23.16	/	/	20.66	/	/	/	Pass
		Inner 1RB Left	23.32	/	/	20.82	/	/	/	Pass
		Inner 1RB Right	23.35	/	/	20.85	/	/	/	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	21.46	/	/	18.96	/	/	/	Pass
		Edge 1RB Right	21.69	/	/	19.19	/	/	/	Pass
		Outer Full	21.70	/	/	19.20	/	/	/	Pass
		Inner Full	22.76	/	/	20.26	/	/	/	Pass
		Inner 1RB Left	22.42	/	/	19.92	/	/	/	Pass
		Inner 1RB Right	22.53	/	/	20.03	/	/	/	Pass
	3624.99	Edge 1RB Left	21.60	/	/	19.10	/	/	/	Pass
		Edge 1RB Right	21.63	/	/	19.13	/	/	/	Pass
		Outer Full	21.74	/	/	19.24	/	/	/	Pass
		Inner Full	22.88	/	/	20.38	/	/	/	Pass
		Inner 1RB Left	22.52	/	/	20.02	/	/	/	Pass
		Inner 1RB Right	22.70	/	/	20.20	/	/	/	Pass
	3679.98	Edge 1RB Left	21.39	/	/	18.89	/	/	/	Pass
		Edge 1RB Right	21.58	/	/	19.08	/	/	/	Pass
		Outer Full	21.66	/	/	19.16	/	/	/	Pass
		Inner Full	22.81	/	/	20.31	/	/	/	Pass
		Inner 1RB Left	22.35	/	/	19.85	/	/	/	Pass
		Inner 1RB Right	22.44	/	/	19.94	/	/	/	Pass
CP-OFDM 64 QAM	3570	Edge 1RB Left	21.03	/	/	18.53	/	/	/	Pass
		Edge 1RB Right	21.16	/	/	18.66	/	/	/	Pass
		Outer Full	21.23	/	/	18.73	/	/	/	Pass
		Inner Full	21.23	/	/	18.73	/	/	/	Pass
		Inner 1RB Left	21.08	/	/	18.58	/	/	/	Pass
		Inner 1RB Right	21.08	/	/	18.58	/	/	/	Pass
	3624.99	Edge 1RB Left	21.10	/	/	18.60	/	/	/	Pass
		Edge 1RB Right	21.22	/	/	18.72	/	/	/	Pass
		Outer Full	21.27	/	/	18.77	/	/	/	Pass
		Inner Full	21.31	/	/	18.81	/	/	/	Pass
		Inner 1RB Left	21.17	/	/	18.67	/	/	/	Pass
		Inner 1RB Right	21.13	/	/	18.63	/	/	/	Pass
	3679.98	Edge 1RB Left	20.89	/	/	18.39	/	/	/	Pass
		Edge 1RB Right	21.07	/	/	18.57	/	/	/	Pass
		Outer Full	21.19	/	/	18.69	/	/	/	Pass
		Inner Full	21.32	/	/	18.82	/	/	/	Pass
		Inner 1RB Left	21.04	/	/	18.54	/	/	/	Pass
		Inner 1RB Right	21.01	/	/	18.51	/	/	/	Pass
CP-OFDM 256 QAM	3570	Edge 1RB Left	18.17	/	/	15.67	/	/	/	Pass
		Edge 1RB Right	18.15	/	/	15.65	/	/	/	Pass
		Outer Full	18.27	/	/	15.77	/	/	/	Pass
		Inner Full	18.40	/	/	15.90	/	/	/	Pass
		Inner 1RB Left	18.18	/	/	15.68	/	/	/	Pass
		Inner 1RB Right	18.27	/	/	15.77	/	/	/	Pass
	3624.99	Edge 1RB Left	18.16	/	/	15.66	/	/	/	Pass
		Edge 1RB Right	18.26	/	/	15.76	/	/	/	Pass
		Outer Full	18.29	/	/	15.79	/	/	/	Pass

		Inner_Full	18.28	/	/	15.78	/	/	/	Pass
		Inner_1RB_Left	18.13	/	/	15.63	/	/	/	Pass
		Inner_1RB_Right	18.27	/	/	15.77	/	/	/	Pass
	3679.98	Edge_1RB_Left	18.15	/	/	15.65	/	/	/	Pass
		Edge_1RB_Right	18.14	/	/	15.64	/	/	/	Pass
		Outer_Full	18.23	/	/	15.73	/	/	/	Pass
		Inner_Full	18.35	/	/	15.85	/	/	/	Pass
		Inner_1RB_Left	18.12	/	/	15.62	/	/	/	Pass
		Inner_1RB_Right	18.17	/	/	15.67	/	/	/	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_40MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	24.62	/	/	22.12	/	/	<=23	Pass
		Edge_1RB_Right	24.31	/	/	21.81	/	/	<=23	Pass
		Outer_Full	18.59	/	/	16.09	/	/	<=23	Pass
		Inner_Full	22.25	/	/	19.75	/	/	<=23	Pass
		Inner_1RB_Left	24.77	/	/	22.27	/	/	<=23	Pass
		Inner_1RB_Right	23.96	/	/	21.46	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	24.87	/	/	22.37	/	/	<=23	Pass
		Edge_1RB_Right	24.98	/	/	22.48	/	/	<=23	Pass
		Outer_Full	18.83	/	/	16.33	/	/	<=23	Pass
		Inner_Full	22.65	/	/	20.15	/	/	<=23	Pass
		Inner_1RB_Left	24.93	/	/	22.43	/	/	<=23	Pass
		Inner_1RB_Right	25.39	/	/	22.89	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	24.68	/	/	22.18	/	/	<=23	Pass
		Edge_1RB_Right	23.36	/	/	20.86	/	/	<=23	Pass
		Outer_Full	18.80	/	/	16.30	/	/	<=23	Pass
		Inner_Full	22.57	/	/	20.07	/	/	<=23	Pass
		Inner_1RB_Left	24.65	/	/	22.15	/	/	<=23	Pass
		Inner_1RB_Right	24.89	/	/	22.39	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	23.93	/	/	21.43	/	/	<=23	Pass
		Edge_1RB_Right	23.70	/	/	21.20	/	/	<=23	Pass
		Outer_Full	17.87	/	/	15.37	/	/	<=23	Pass
		Inner_Full	22.36	/	/	19.86	/	/	<=23	Pass
		Inner_1RB_Left	24.98	/	/	22.48	/	/	<=23	Pass
		Inner_1RB_Right	25.42	/	/	22.92	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	23.78	/	/	21.28	/	/	<=23	Pass
		Edge_1RB_Right	23.97	/	/	21.47	/	/	<=23	Pass
		Outer_Full	18.69	/	/	16.19	/	/	<=23	Pass
		Inner_Full	22.70	/	/	20.20	/	/	<=23	Pass
		Inner_1RB_Left	24.87	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Right	24.35	/	/	21.85	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	25.32	/	/	22.82	/	/	<=23	Pass
		Edge_1RB_Right	23.35	/	/	20.85	/	/	<=23	Pass
		Outer_Full	19.36	/	/	16.86	/	/	<=23	Pass
		Inner_Full	23.79	/	/	21.29	/	/	<=23	Pass
		Inner_1RB_Left	25.49	/	/	22.99	/	/	<=23	Pass
		Inner_1RB_Right	24.73	/	/	22.23	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	23.27	/	/	20.77	/	/	<=23	Pass
		Edge_1RB_Right	22.78	/	/	20.28	/	/	<=23	Pass
		Outer_Full	17.31	/	/	14.81	/	/	<=23	Pass
		Inner_Full	21.36	/	/	18.86	/	/	<=23	Pass

		Inner 1RB Left	23.89	/	/	21.39	/	/	<=23	Pass
		Inner 1RB Right	24.27	/	/	21.77	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.75	/	/	20.25	/	/	<=23	Pass
		Edge 1RB Right	23.17	/	/	20.67	/	/	<=23	Pass
		Outer Full	17.87	/	/	15.37	/	/	<=23	Pass
		Inner Full	21.25	/	/	18.75	/	/	<=23	Pass
		Inner 1RB Left	23.95	/	/	21.45	/	/	<=23	Pass
		Inner 1RB Right	23.96	/	/	21.46	/	/	<=23	Pass
	3679.98	Edge 1RB Left	23.94	/	/	21.44	/	/	<=23	Pass
		Edge 1RB Right	23.07	/	/	20.57	/	/	<=23	Pass
		Outer Full	18.57	/	/	16.07	/	/	<=23	Pass
		Inner Full	23.65	/	/	21.15	/	/	<=23	Pass
		Inner 1RB Left	24.60	/	/	22.10	/	/	<=23	Pass
		Inner 1RB Right	23.95	/	/	21.45	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge 1RB Left	23.53	/	/	21.03	/	/	<=23	Pass
		Edge 1RB Right	22.51	/	/	20.01	/	/	<=23	Pass
		Outer Full	17.06	/	/	14.56	/	/	<=23	Pass
		Inner Full	19.85	/	/	17.35	/	/	<=23	Pass
		Inner 1RB Left	22.95	/	/	20.45	/	/	<=23	Pass
		Inner 1RB Right	21.96	/	/	19.46	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.25	/	/	19.75	/	/	<=23	Pass
		Edge 1RB Right	22.23	/	/	19.73	/	/	<=23	Pass
		Outer Full	16.51	/	/	14.01	/	/	<=23	Pass
		Inner Full	20.26	/	/	17.76	/	/	<=23	Pass
		Inner 1RB Left	22.60	/	/	20.10	/	/	<=23	Pass
		Inner 1RB Right	22.76	/	/	20.26	/	/	<=23	Pass
	3679.98	Edge 1RB Left	23.81	/	/	21.31	/	/	<=23	Pass
		Edge 1RB Right	24.00	/	/	21.50	/	/	<=23	Pass
		Outer Full	19.39	/	/	16.89	/	/	<=23	Pass
		Inner Full	20.30	/	/	17.80	/	/	<=23	Pass
		Inner 1RB Left	23.71	/	/	21.21	/	/	<=23	Pass
		Inner 1RB Right	24.25	/	/	21.75	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge 1RB Left	20.83	/	/	18.33	/	/	<=23	Pass
		Edge 1RB Right	21.22	/	/	18.72	/	/	<=23	Pass
		Outer Full	14.73	/	/	12.23	/	/	<=23	Pass
		Inner Full	17.66	/	/	15.16	/	/	<=23	Pass
		Inner 1RB Left	20.88	/	/	18.38	/	/	<=23	Pass
		Inner 1RB Right	20.66	/	/	18.16	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.86	/	/	17.36	/	/	<=23	Pass
		Edge 1RB Right	20.41	/	/	17.91	/	/	<=23	Pass
		Outer Full	14.54	/	/	12.04	/	/	<=23	Pass
		Inner Full	17.91	/	/	15.41	/	/	<=23	Pass
		Inner 1RB Left	19.66	/	/	17.16	/	/	<=23	Pass
		Inner 1RB Right	20.52	/	/	18.02	/	/	<=23	Pass
	3679.98	Edge 1RB Left	21.90	/	/	19.40	/	/	<=23	Pass
		Edge 1RB Right	20.97	/	/	18.47	/	/	<=23	Pass
		Outer Full	16.73	/	/	14.23	/	/	<=23	Pass
		Inner Full	19.08	/	/	16.58	/	/	<=23	Pass
		Inner 1RB Left	21.85	/	/	19.35	/	/	<=23	Pass
		Inner 1RB Right	22.55	/	/	20.05	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge 1RB Left	22.50	/	/	20.00	/	/	<=23	Pass
		Edge 1RB Right	22.75	/	/	20.25	/	/	<=23	Pass
		Outer Full	16.15	/	/	13.65	/	/	<=23	Pass
		Inner Full	20.42	/	/	17.92	/	/	<=23	Pass
		Inner 1RB Left	24.28	/	/	21.78	/	/	<=23	Pass
		Inner 1RB Right	23.02	/	/	20.52	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.96	/	/	19.46	/	/	<=23	Pass
		Edge 1RB Right	22.35	/	/	19.85	/	/	<=23	Pass
		Outer Full	15.73	/	/	13.23	/	/	<=23	Pass

	3679.98	Inner Full	21.00	/	/	18.50	/	/	<=23	Pass
		Inner 1RB Left	23.21	/	/	20.71	/	/	<=23	Pass
		Inner 1RB Right	24.44	/	/	21.94	/	/	<=23	Pass
		Edge 1RB Left	23.25	/	/	20.75	/	/	<=23	Pass
		Edge 1RB Right	22.14	/	/	19.64	/	/	<=23	Pass
		Outer Full	16.45	/	/	13.95	/	/	<=23	Pass
		Inner Full	21.72	/	/	19.22	/	/	<=23	Pass
		Inner 1RB Left	24.35	/	/	21.85	/	/	<=23	Pass
		Inner 1RB Right	23.50	/	/	21.00	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	21.22	/	/	18.72	/	/	<=23	Pass
		Edge 1RB Right	21.69	/	/	19.19	/	/	<=23	Pass
		Outer Full	15.72	/	/	13.22	/	/	<=23	Pass
		Inner Full	19.71	/	/	17.21	/	/	<=23	Pass
		Inner 1RB Left	22.66	/	/	20.16	/	/	<=23	Pass
		Inner 1RB Right	23.12	/	/	20.62	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.58	/	/	19.08	/	/	<=23	Pass
		Edge 1RB Right	21.80	/	/	19.30	/	/	<=23	Pass
		Outer Full	16.00	/	/	13.50	/	/	<=23	Pass
		Inner Full	20.68	/	/	18.18	/	/	<=23	Pass
		Inner 1RB Left	23.05	/	/	20.55	/	/	<=23	Pass
		Inner 1RB Right	23.24	/	/	20.74	/	/	<=23	Pass
	3679.98	Edge 1RB Left	22.81	/	/	20.31	/	/	<=23	Pass
		Edge 1RB Right	22.82	/	/	20.32	/	/	<=23	Pass
		Outer Full	16.66	/	/	14.16	/	/	<=23	Pass
		Inner Full	20.85	/	/	18.35	/	/	<=23	Pass
		Inner 1RB Left	24.40	/	/	21.90	/	/	<=23	Pass
		Inner 1RB Right	24.77	/	/	22.27	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge 1RB Left	21.43	/	/	18.93	/	/	<=23	Pass
		Edge 1RB Right	21.20	/	/	18.70	/	/	<=23	Pass
		Outer Full	15.14	/	/	12.64	/	/	<=23	Pass
		Inner Full	18.97	/	/	16.47	/	/	<=23	Pass
		Inner 1RB Left	22.41	/	/	19.91	/	/	<=23	Pass
		Inner 1RB Right	21.68	/	/	19.18	/	/	<=23	Pass
	3624.99	Edge 1RB Left	21.73	/	/	19.23	/	/	<=23	Pass
		Edge 1RB Right	21.77	/	/	19.27	/	/	<=23	Pass
		Outer Full	15.98	/	/	13.48	/	/	<=23	Pass
		Inner Full	18.81	/	/	16.31	/	/	<=23	Pass
		Inner 1RB Left	21.31	/	/	18.81	/	/	<=23	Pass
		Inner 1RB Right	22.88	/	/	20.38	/	/	<=23	Pass
	3679.98	Edge 1RB Left	22.67	/	/	20.17	/	/	<=23	Pass
		Edge 1RB Right	22.50	/	/	20.00	/	/	<=23	Pass
		Outer Full	16.65	/	/	14.15	/	/	<=23	Pass
		Inner Full	17.20	/	/	14.70	/	/	<=23	Pass
		Inner 1RB Left	22.57	/	/	20.07	/	/	<=23	Pass
		Inner 1RB Right	22.37	/	/	19.87	/	/	<=23	Pass
CP-OFDM 256 QAM	3570	Edge 1RB Left	17.86	/	/	15.36	/	/	<=23	Pass
		Edge 1RB Right	18.44	/	/	15.94	/	/	<=23	Pass
		Outer Full	12.38	/	/	9.88	/	/	<=23	Pass
		Inner Full	15.44	/	/	12.94	/	/	<=23	Pass
		Inner 1RB Left	18.98	/	/	16.48	/	/	<=23	Pass
		Inner 1RB Right	18.01	/	/	15.51	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.11	/	/	16.61	/	/	<=23	Pass
		Edge 1RB Right	19.00	/	/	16.50	/	/	<=23	Pass
		Outer Full	12.91	/	/	10.41	/	/	<=23	Pass
		Inner Full	15.45	/	/	12.95	/	/	<=23	Pass
		Inner 1RB Left	18.91	/	/	16.41	/	/	<=23	Pass
		Inner 1RB Right	18.97	/	/	16.47	/	/	<=23	Pass
	3679.98	Edge 1RB Left	20.13	/	/	17.63	/	/	<=23	Pass
		Edge 1RB Right	19.82	/	/	17.32	/	/	<=23	Pass

		Outer_Full	12.23	/	/	9.73	/	/	<=23	Pass
		Inner_Full	16.04	/	/	13.54	/	/	<=23	Pass
		Inner_1RB_Left	19.45	/	/	16.95	/	/	<=23	Pass
		Inner_1RB_Right	18.71	/	/	16.21	/	/	<=23	Pass
Note1: Antenna Gain: Ant6: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_40MHz

5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	6.50	0.0018	>=-2.5 & <=2.5	Pass
				HV	10.60	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-18.80	-0.0052	>=-2.5 & <=2.5	Pass
			-10	NV	10.10	0.0028	>=-2.5 & <=2.5	Pass
			0	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	18.80	0.0052	>=-2.5 & <=2.5	Pass
			20	NV	18.40	0.0051	>=-2.5 & <=2.5	Pass
			30	NV	17.30	0.0048	>=-2.5 & <=2.5	Pass
			40	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	17.00	0.0047	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	13.00	0.0036	>=-2.5 & <=2.5	Pass
			0	NV	8.30	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	11.20	0.0031	>=-2.5 & <=2.5	Pass
			40	NV	16.20	0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-23.10	-0.0064	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	12.70	0.0035	>=-2.5 & <=2.5	Pass
				HV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	13.60	0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	11.00	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-15.50	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	14.70	0.0041	>=-2.5 & <=2.5	Pass
			30	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-14.90	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	12.40	0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
				HV	15.00	0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-11.20	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	12.30	0.0034	>=-2.5 & <=2.5	Pass
			30	NV	12.70	0.0035	>=-2.5 & <=2.5	Pass
			40	NV	11.30	0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass

			-20	NV	12.90	0.0036	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-11.80	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	10.30	0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	6.80	0.0019	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	4.80	0.0013	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-12.70	-0.0035	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	9.60	0.0026	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	14.40	0.0040	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	7.20	0.0020	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-16.50	-0.0046	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	8.40	0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-11.40	-0.0031	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	-12.70	-0.0035	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-8.40	-0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-10.30	-0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	5.80	0.0016	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	8.40	0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	5.90	0.0016	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	6.60	0.0018	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-9.80	-0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-5.20	-0.0014	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	15.90	0.0044	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	11.60	0.0032	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	2.20	0.0006	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-5.40	-0.0015	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	-6.60	-0.0018	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-11.10	-0.0031	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	13.70	0.0038	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-11.80	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	18.80	0.0052	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	9.80	0.0027	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	11.30	0.0031	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	4.40	0.0012	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	-15.40	-0.0042	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	8.20	0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	-12.10	-0.0033	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	14.10	0.0039	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	-10.10	-0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	-7.10	-0.0020	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	9.00	0.0025	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-5.00	-0.0014	$>=-2.5 \ \& \ <=2.5$	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	10.00	0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
				HV	-9.60	-0.0026	$>=-2.5 \ \& \ <=2.5$	Pass
			-30	NV	1.20	0.0003	$>=-2.5 \ \& \ <=2.5$	Pass
			-20	NV	4.10	0.0011	$>=-2.5 \ \& \ <=2.5$	Pass
			-10	NV	6.30	0.0017	$>=-2.5 \ \& \ <=2.5$	Pass
			0	NV	8.40	0.0023	$>=-2.5 \ \& \ <=2.5$	Pass
			10	NV	3.90	0.0011	$>=-2.5 \ \& \ <=2.5$	Pass
			20	NV	10.10	0.0028	$>=-2.5 \ \& \ <=2.5$	Pass
			30	NV	17.30	0.0048	$>=-2.5 \ \& \ <=2.5$	Pass
			40	NV	-3.70	-0.0010	$>=-2.5 \ \& \ <=2.5$	Pass
			50	NV	-7.00	-0.0019	$>=-2.5 \ \& \ <=2.5$	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3555	Outer_Full	8.68	10.24	/	Pass
	3624.99	Outer_Full	8.65	9.67	/	Pass
	3694.98	Outer_Full	8.68	10.19	/	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	8.71	10.18	/	Pass
	3624.99	Outer_Full	8.70	9.87	/	Pass
	3694.98	Outer_Full	8.68	9.87	/	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	8.73	10.21	/	Pass
	3624.99	Outer_Full	8.72	10.16	/	Pass
	3694.98	Outer_Full	8.77	9.90	/	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	8.73	10.50	/	Pass
	3624.99	Outer_Full	8.66	9.78	/	Pass
	3694.98	Outer_Full	8.65	10.03	/	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	8.71	9.98	/	Pass
	3624.99	Outer_Full	8.62	9.43	/	Pass
	3694.98	Outer_Full	8.68	9.58	/	Pass
CP-OFDM QPSK	3555	Outer_Full	8.71	10.23	/	Pass
	3624.99	Outer_Full	8.72	9.72	/	Pass
	3694.98	Outer_Full	8.65	9.36	/	Pass
CP-OFDM 16 QAM	3555	Outer_Full	8.74	10.08	/	Pass
	3624.99	Outer_Full	8.73	9.98	/	Pass
	3694.98	Outer_Full	8.75	9.71	/	Pass
CP-OFDM 64 QAM	3555	Outer_Full	8.74	10.24	/	Pass
	3624.99	Outer_Full	8.70	9.73	/	Pass
	3694.98	Outer_Full	6.37	6.62	/	Pass
CP-OFDM 256 QAM	3555	Outer_Full	8.69	9.95	/	Pass
	3624.99	Outer_Full	8.63	9.88	/	Pass
	3694.98	Outer_Full	8.68	9.34	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n48 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3557.52	Outer_Full	13.12	14.90	/	Pass
	3624.99	Outer_Full	13.04	14.40	/	Pass
	3692.49	Outer_Full	13.17	14.18	/	Pass
DFT-s-OFDM QPSK	3557.52	Outer_Full	13.10	14.92	/	Pass
	3624.99	Outer_Full	13.01	14.52	/	Pass
	3692.49	Outer_Full	13.02	14.21	/	Pass
DFT-s-OFDM 16 QAM	3557.52	Outer_Full	13.15	14.71	/	Pass
	3624.99	Outer_Full	13.03	14.63	/	Pass
	3692.49	Outer_Full	13.03	14.50	/	Pass
DFT-s-OFDM 64 QAM	3557.52	Outer_Full	13.11	14.94	/	Pass
	3624.99	Outer_Full	13.01	13.89	/	Pass
	3692.49	Outer_Full	12.94	14.17	/	Pass

DFT-s-OFDM 256 QAM	3557.52	Outer_Full	13.05	14.99	/	Pass
	3624.99	Outer_Full	13.08	14.11	/	Pass
	3692.49	Outer_Full	13.03	14.25	/	Pass
CP-OFDM QPSK	3557.52	Outer_Full	13.77	15.51	/	Pass
	3624.99	Outer_Full	13.71	15.25	/	Pass
	3692.49	Outer_Full	13.70	15.27	/	Pass
CP-OFDM 16 QAM	3557.52	Outer_Full	13.75	15.53	/	Pass
	3624.99	Outer_Full	13.71	15.50	/	Pass
	3692.49	Outer_Full	13.70	14.77	/	Pass
CP-OFDM 64 QAM	3557.52	Outer_Full	13.76	15.70	/	Pass
	3624.99	Outer_Full	13.77	14.80	/	Pass
	3692.49	Outer_Full	13.70	15.51	/	Pass
CP-OFDM 256 QAM	3557.52	Outer_Full	13.81	15.34	/	Pass
	3624.99	Outer_Full	13.63	14.82	/	Pass
	3692.49	Outer_Full	13.74	15.21	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.10	19.73	/	Pass
	3624.99	Outer_Full	17.99	19.34	/	Pass
	3690	Outer_Full	17.99	19.48	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.11	19.98	/	Pass
	3624.99	Outer_Full	17.95	19.75	/	Pass
	3690	Outer_Full	18.18	19.60	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.24	20.12	/	Pass
	3624.99	Outer_Full	18.23	19.38	/	Pass
	3690	Outer_Full	18.02	19.66	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.11	19.79	/	Pass
	3624.99	Outer_Full	18.06	20.10	/	Pass
	3690	Outer_Full	18.05	19.56	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	18.07	19.98	/	Pass
	3624.99	Outer_Full	18.02	19.71	/	Pass
	3690	Outer_Full	18.16	19.24	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.41	20.42	/	Pass
	3624.99	Outer_Full	18.39	19.79	/	Pass
	3690	Outer_Full	18.34	19.71	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.42	20.23	/	Pass
	3624.99	Outer_Full	18.31	19.75	/	Pass
	3690	Outer_Full	18.32	20.13	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.44	20.53	/	Pass
	3624.99	Outer_Full	18.42	19.84	/	Pass
	3690	Outer_Full	18.44	20.31	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.36	20.30	/	Pass
	3624.99	Outer_Full	18.37	19.77	/	Pass
	3690	Outer_Full	18.43	19.64	/	Pass

3.1.4 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3565.02	Outer_Full	26.98	29.13	/	Pass
	3624.99	Outer_Full	27.14	28.93	/	Pass

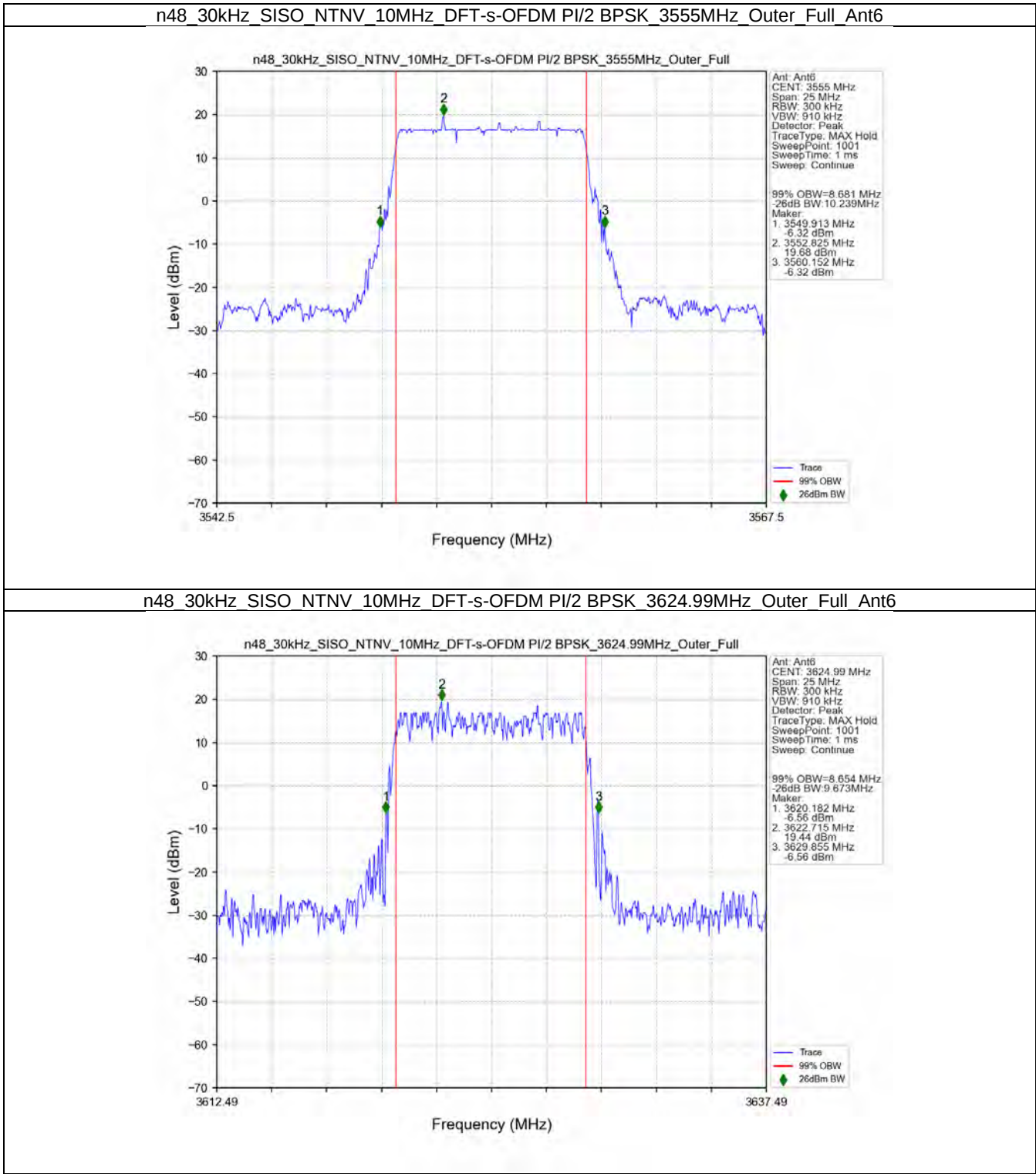
	3684.99	Outer_Full	27.23	29.17	/	Pass
DFT-s-OFDM QPSK	3565.02	Outer_Full	27.02	28.94	/	Pass
	3624.99	Outer_Full	27.11	28.93	/	Pass
	3684.99	Outer_Full	27.25	29.13	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer_Full	27.21	28.86	/	Pass
	3624.99	Outer_Full	26.94	29.00	/	Pass
	3684.99	Outer_Full	27.24	29.10	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer_Full	27.23	29.03	/	Pass
	3624.99	Outer_Full	27.24	29.18	/	Pass
	3684.99	Outer_Full	27.11	28.84	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer_Full	27.07	29.14	/	Pass
	3624.99	Outer_Full	27.11	28.81	/	Pass
	3684.99	Outer_Full	27.35	28.85	/	Pass
CP-OFDM QPSK	3565.02	Outer_Full	28.22	30.15	/	Pass
	3624.99	Outer_Full	28.02	30.33	/	Pass
	3684.99	Outer_Full	28.19	30.14	/	Pass
CP-OFDM 16 QAM	3565.02	Outer_Full	28.19	30.33	/	Pass
	3624.99	Outer_Full	28.23	30.10	/	Pass
	3684.99	Outer_Full	28.04	30.37	/	Pass
CP-OFDM 64 QAM	3565.02	Outer_Full	28.12	30.23	/	Pass
	3624.99	Outer_Full	27.99	29.87	/	Pass
	3684.99	Outer_Full	28.28	29.99	/	Pass
CP-OFDM 256 QAM	3565.02	Outer_Full	28.17	29.91	/	Pass
	3624.99	Outer_Full	27.92	30.03	/	Pass
	3684.99	Outer_Full	28.12	30.19	/	Pass

3.1.5 30k_SISO_40MHz_NTNV

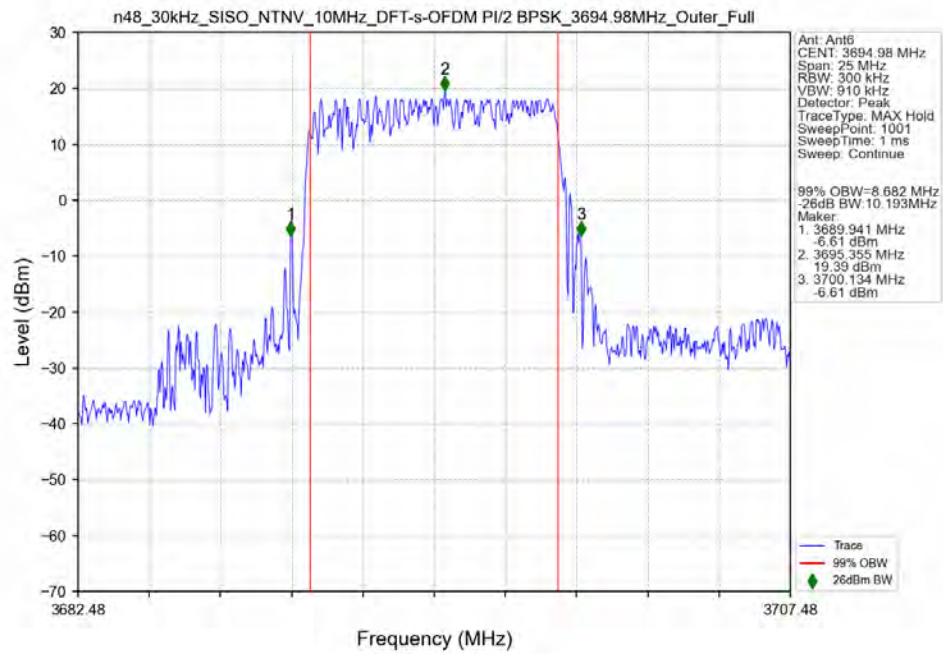
5G NR n48 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	35.99	38.41	/	Pass
	3624.99	Outer_Full	36.17	38.56	/	Pass
	3679.98	Outer_Full	36.19	38.58	/	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	36.10	38.45	/	Pass
	3624.99	Outer_Full	35.97	38.46	/	Pass
	3679.98	Outer_Full	36.15	38.47	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	36.16	38.50	/	Pass
	3624.99	Outer_Full	36.19	38.50	/	Pass
	3679.98	Outer_Full	36.14	38.79	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	36.16	38.57	/	Pass
	3624.99	Outer_Full	36.04	38.53	/	Pass
	3679.98	Outer_Full	36.05	38.54	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	36.12	38.60	/	Pass
	3624.99	Outer_Full	35.94	38.50	/	Pass
	3679.98	Outer_Full	36.09	38.53	/	Pass
CP-OFDM QPSK	3570	Outer_Full	38.25	40.76	/	Pass
	3624.99	Outer_Full	38.20	40.45	/	Pass
	3679.98	Outer_Full	38.13	40.95	/	Pass
CP-OFDM 16 QAM	3570	Outer_Full	38.16	40.80	/	Pass
	3624.99	Outer_Full	38.18	40.59	/	Pass
	3679.98	Outer_Full	38.18	40.93	/	Pass
CP-OFDM 64 QAM	3570	Outer_Full	38.19	40.66	/	Pass
	3624.99	Outer_Full	38.02	40.80	/	Pass
	3679.98	Outer_Full	38.01	40.92	/	Pass
CP-OFDM 256 QAM	3570	Outer_Full	38.26	40.82	/	Pass
	3624.99	Outer_Full	38.14	40.71	/	Pass
	3679.98	Outer_Full	38.19	40.95	/	Pass

3.2 Test Graph

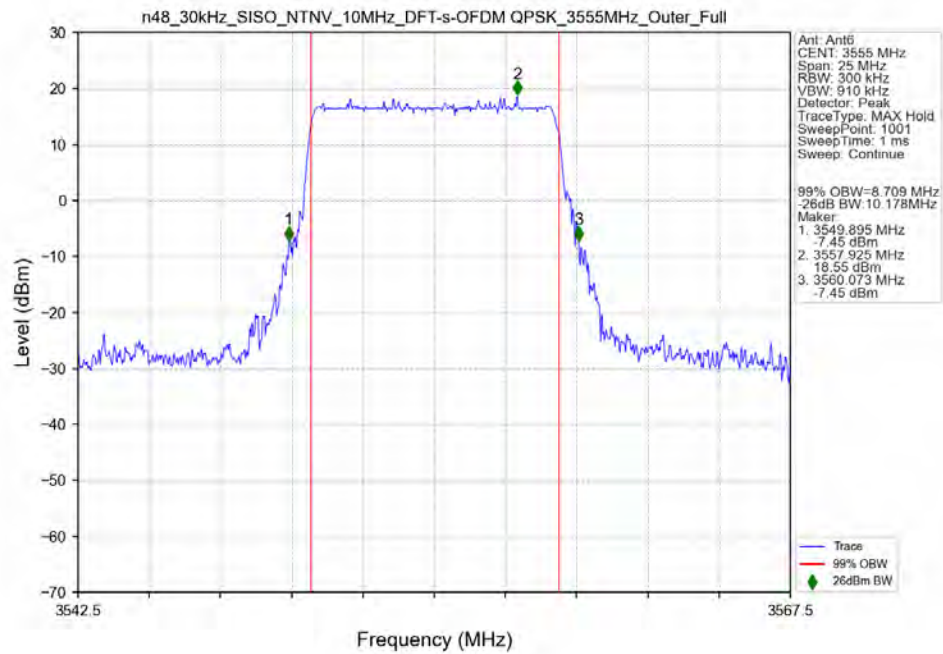
3.2.1 30k_SISO_10MHz_NTNV



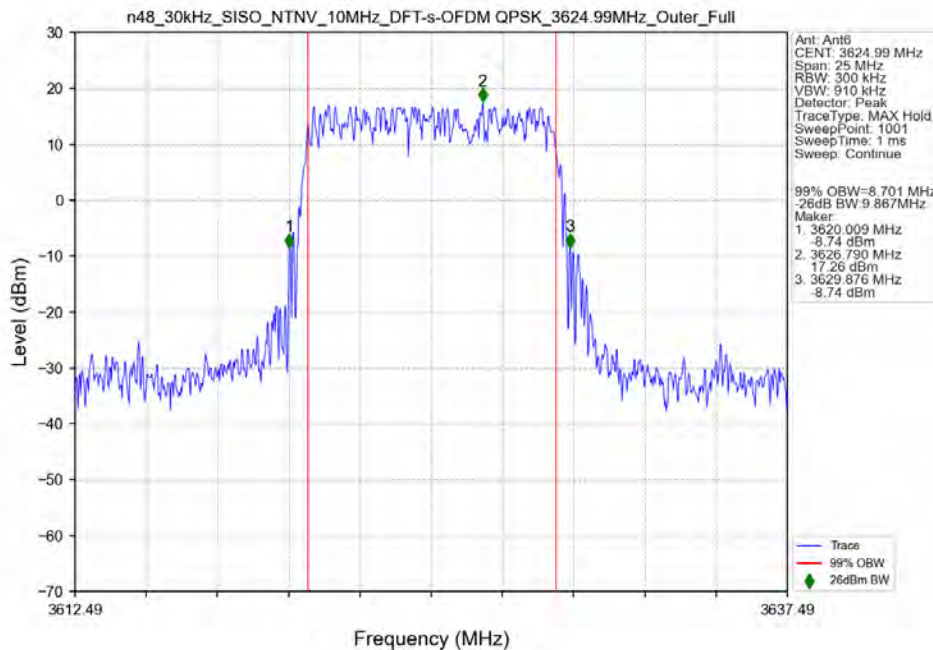
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Outer_Full_Ant6



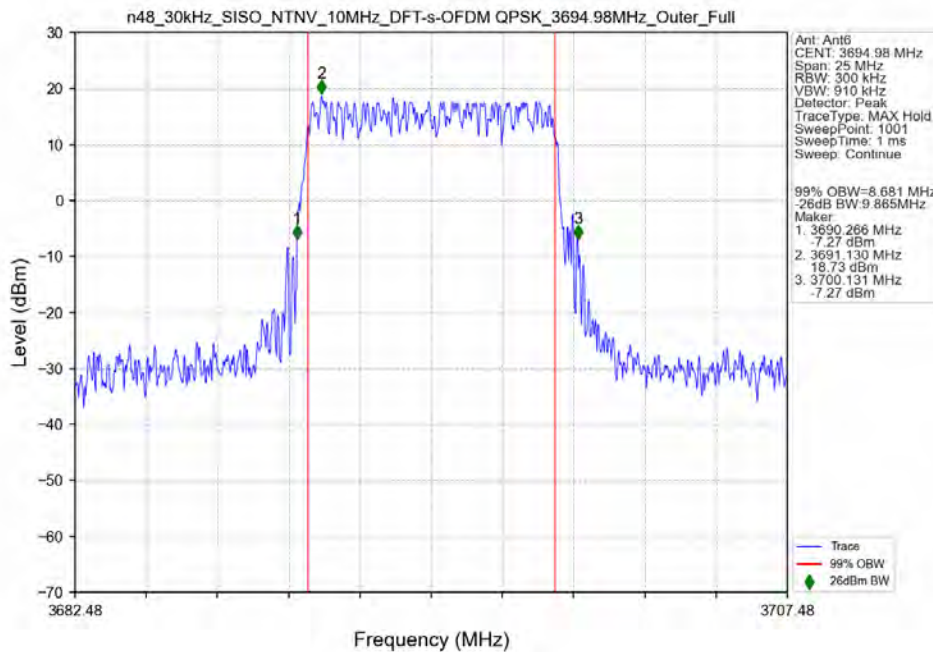
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Outer_Full_Ant6



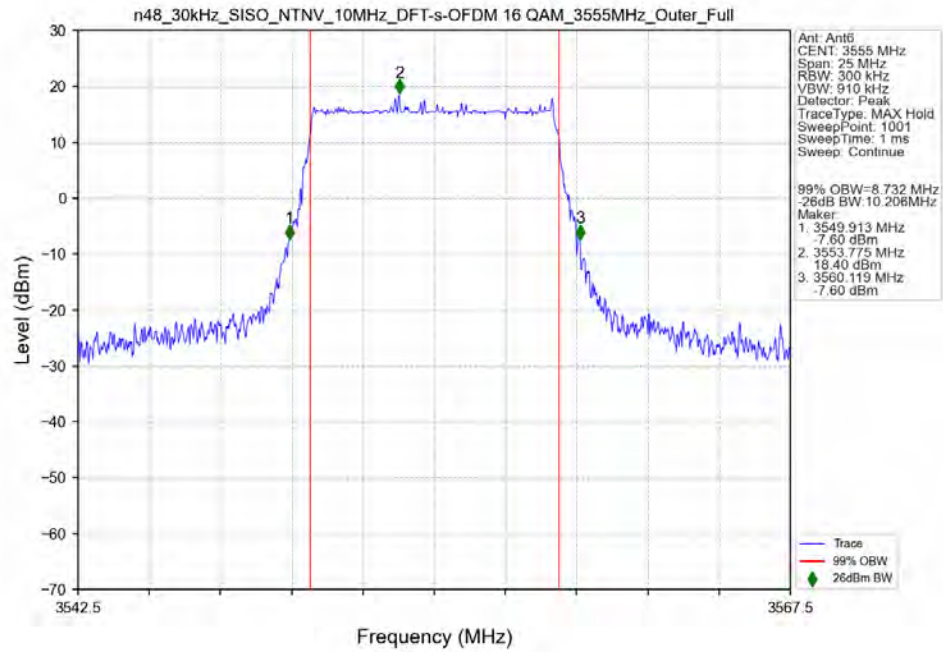
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant6



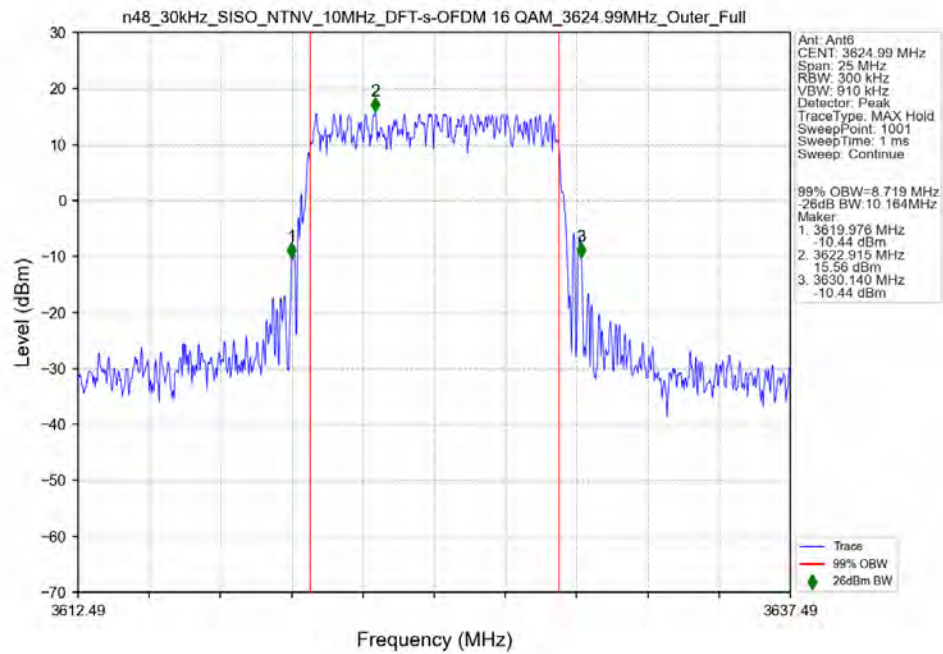
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3694.98MHz_Outer_Full_Ant6



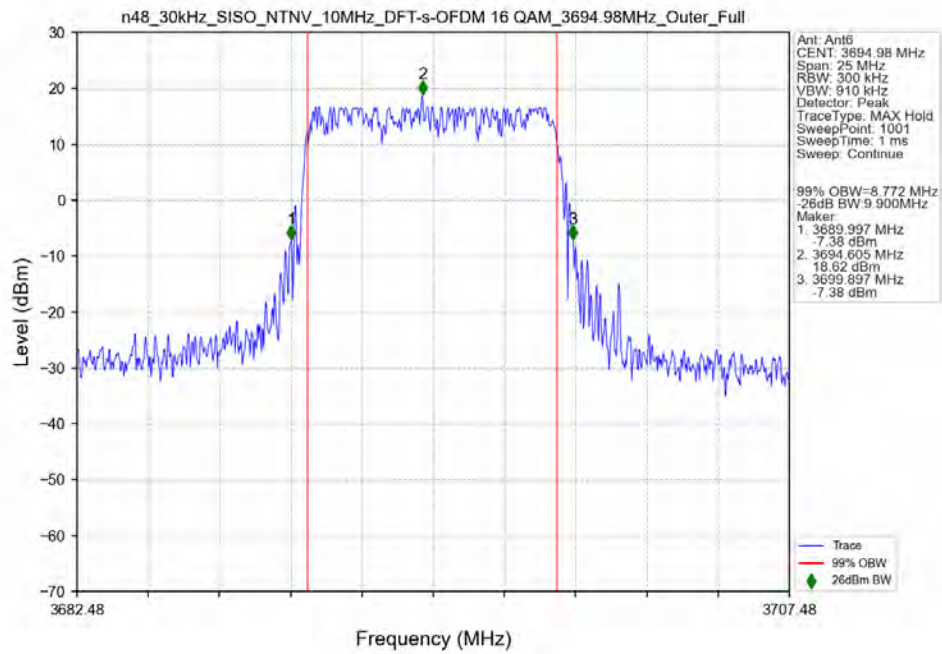
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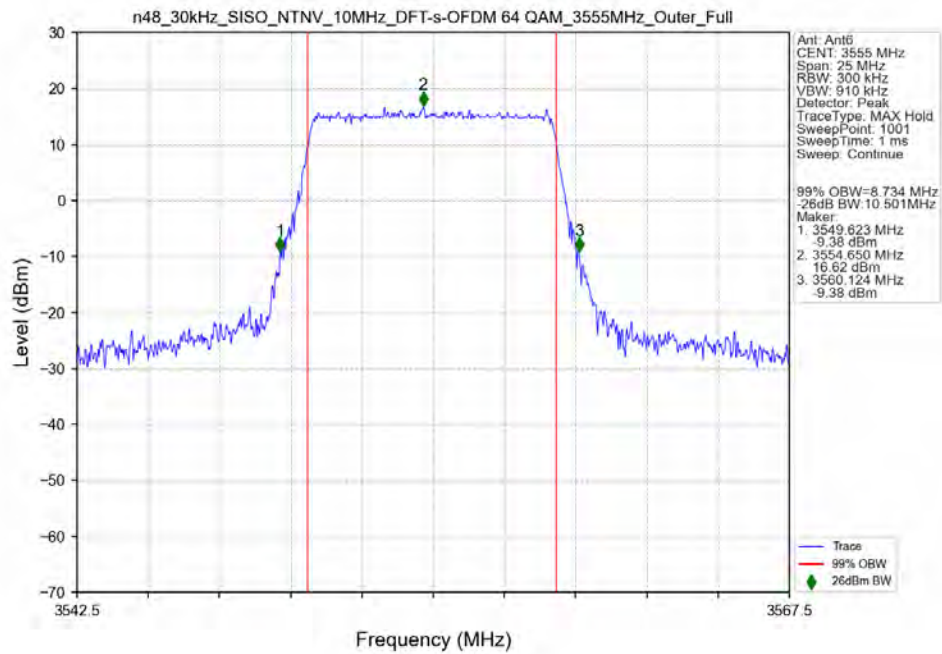
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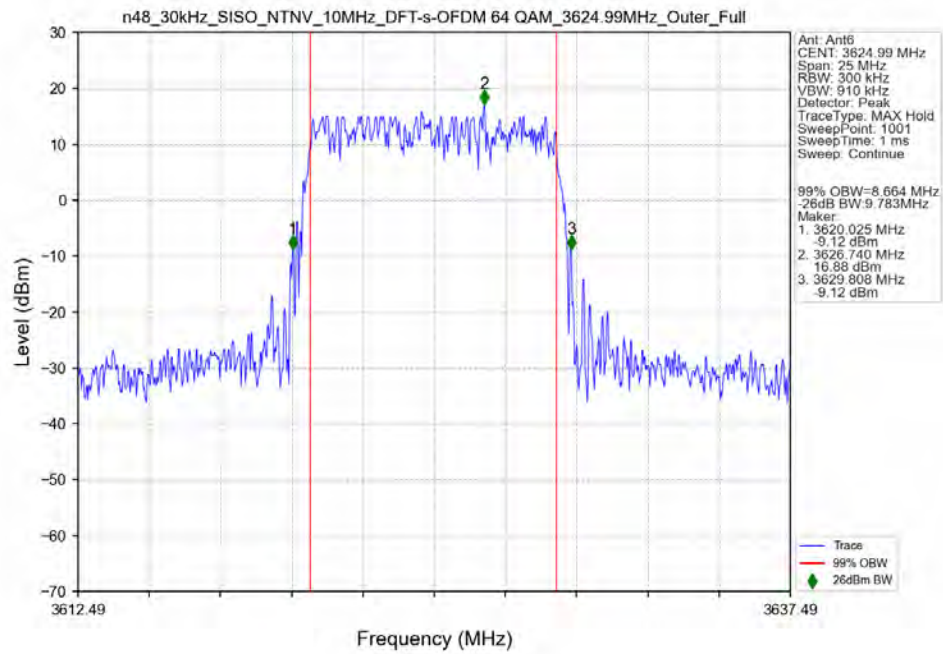
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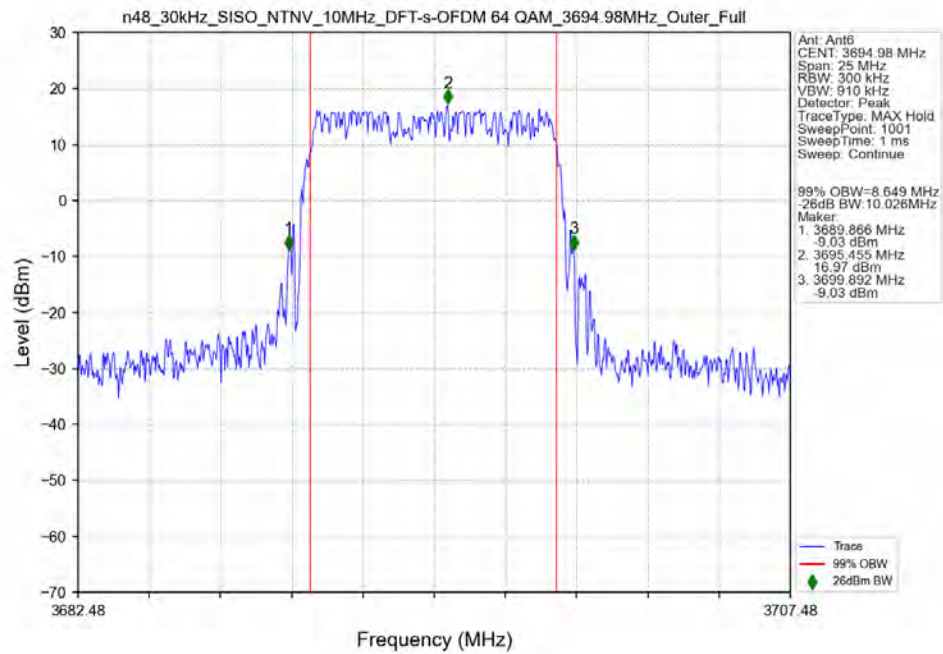
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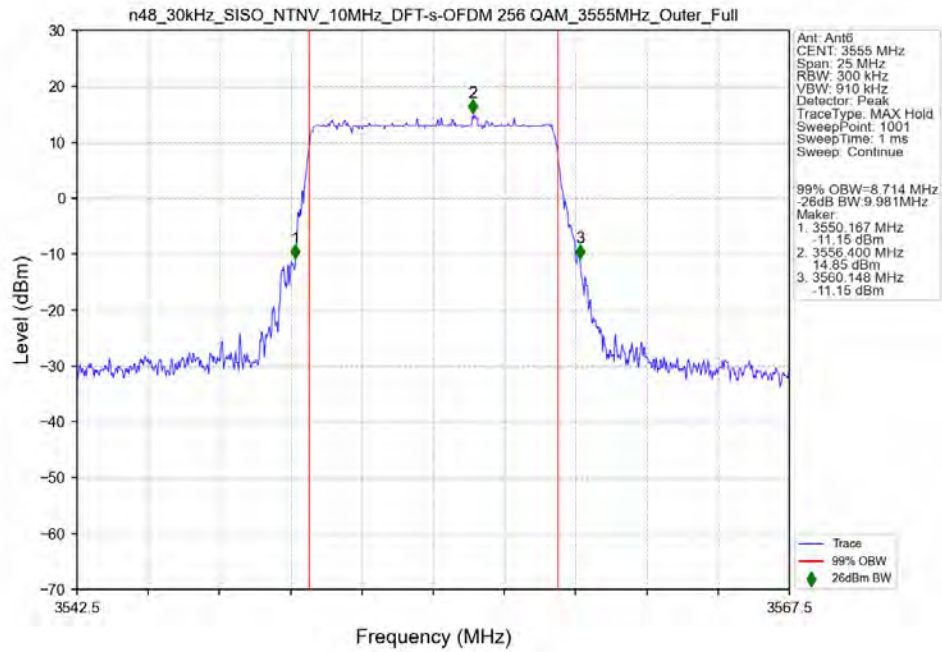
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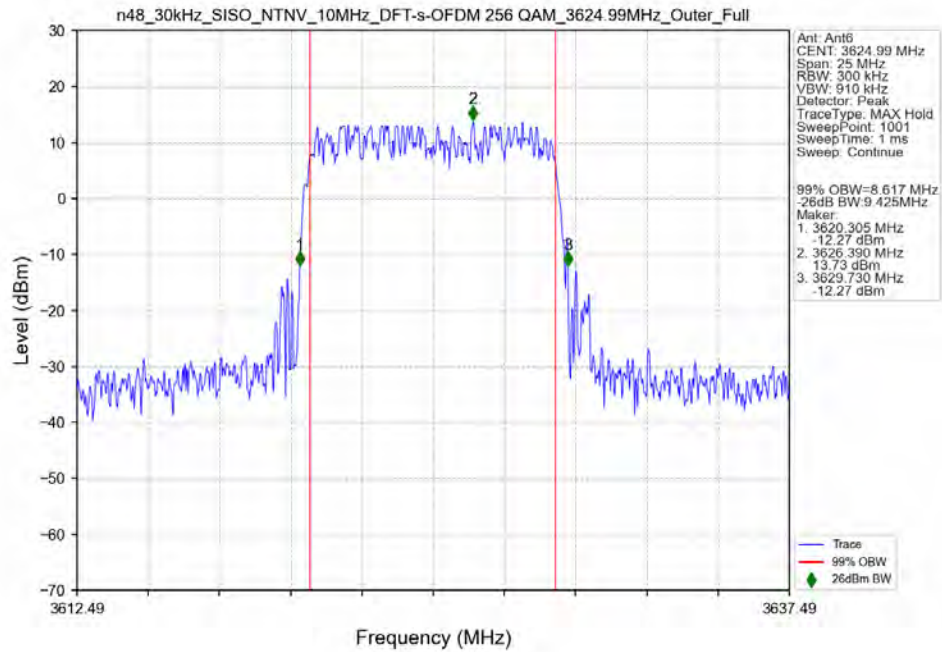
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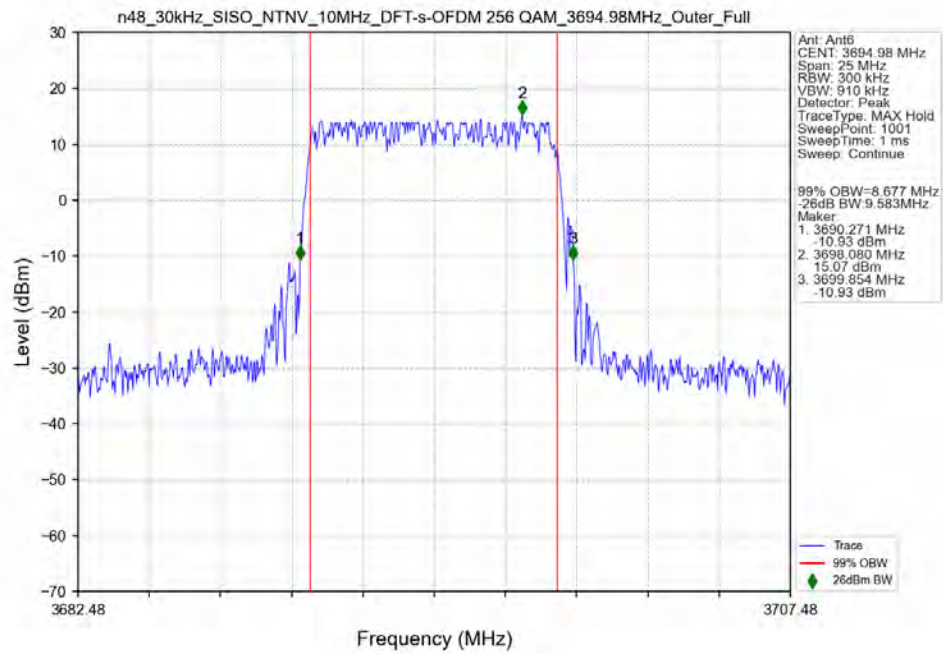
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3555MHz_Outer_Full_Ant6



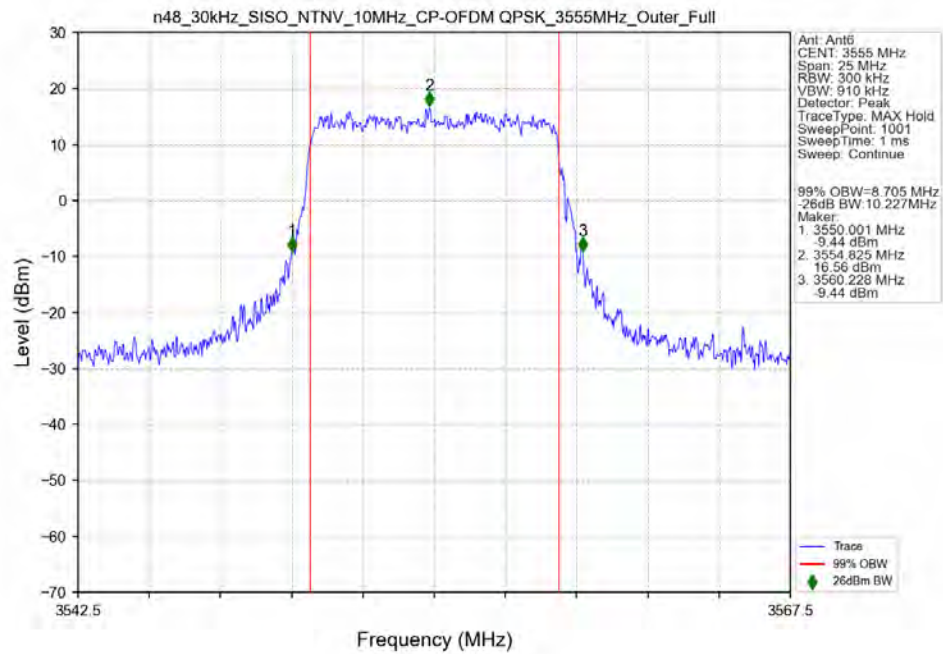
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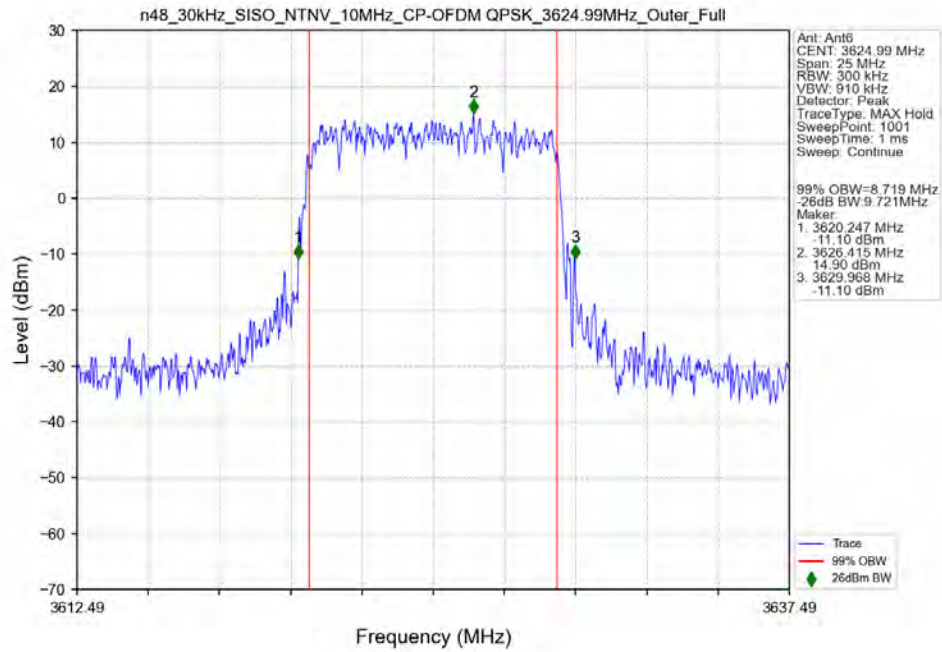
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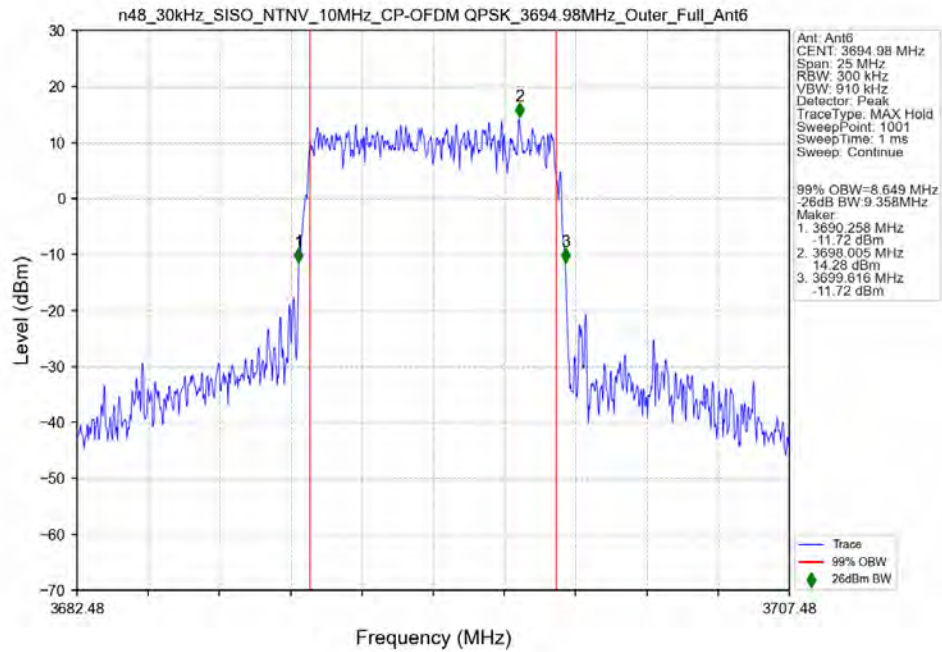
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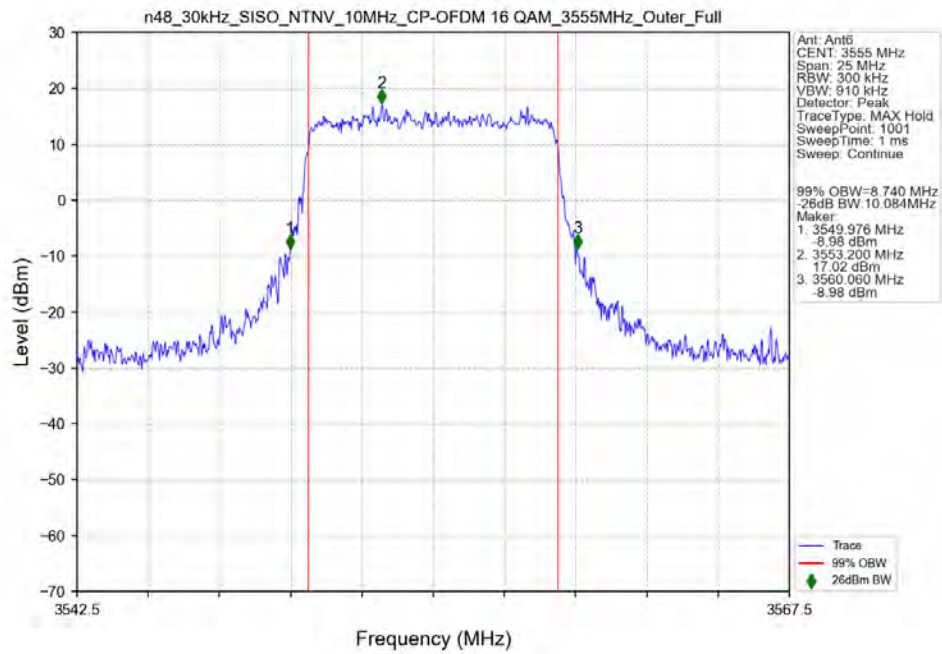
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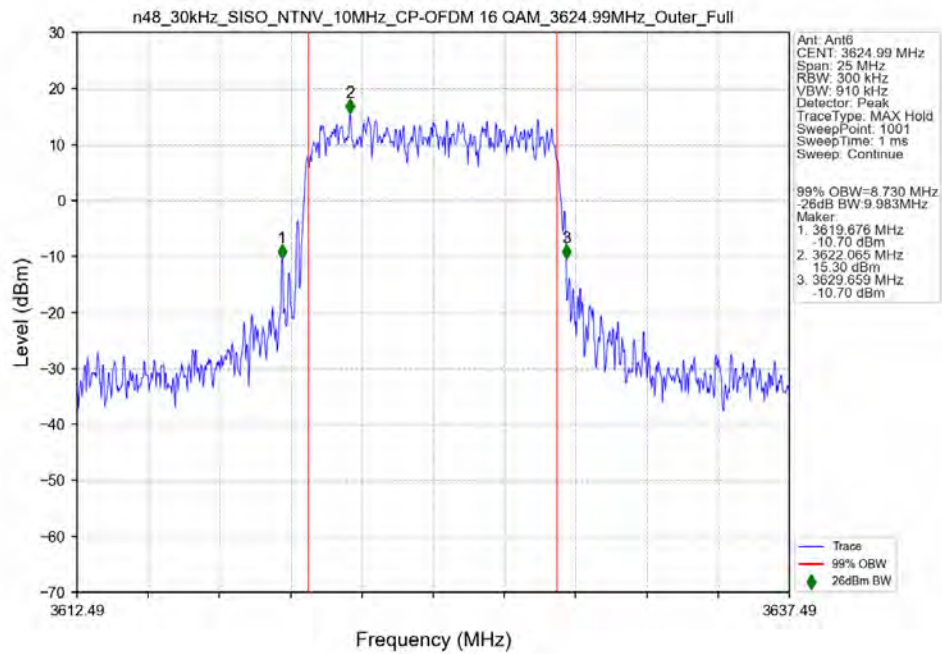
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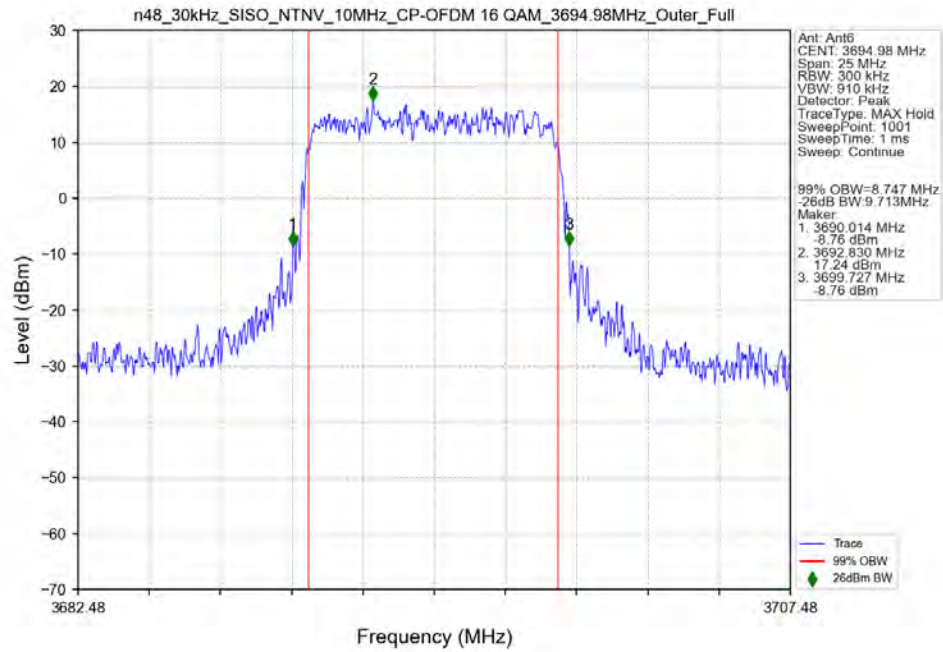
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3555MHz_Outer_Full_Ant6



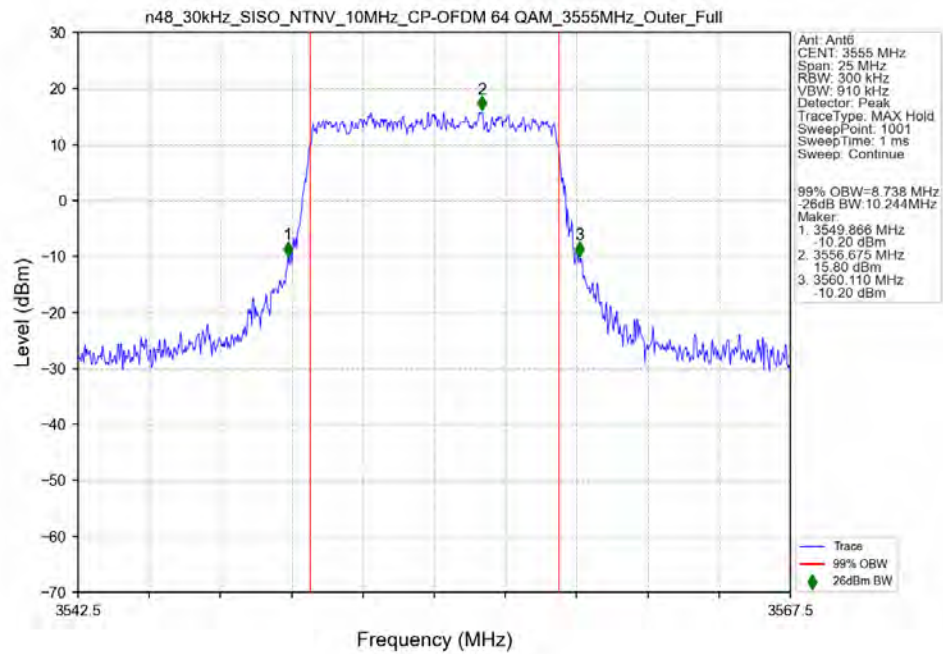
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant6



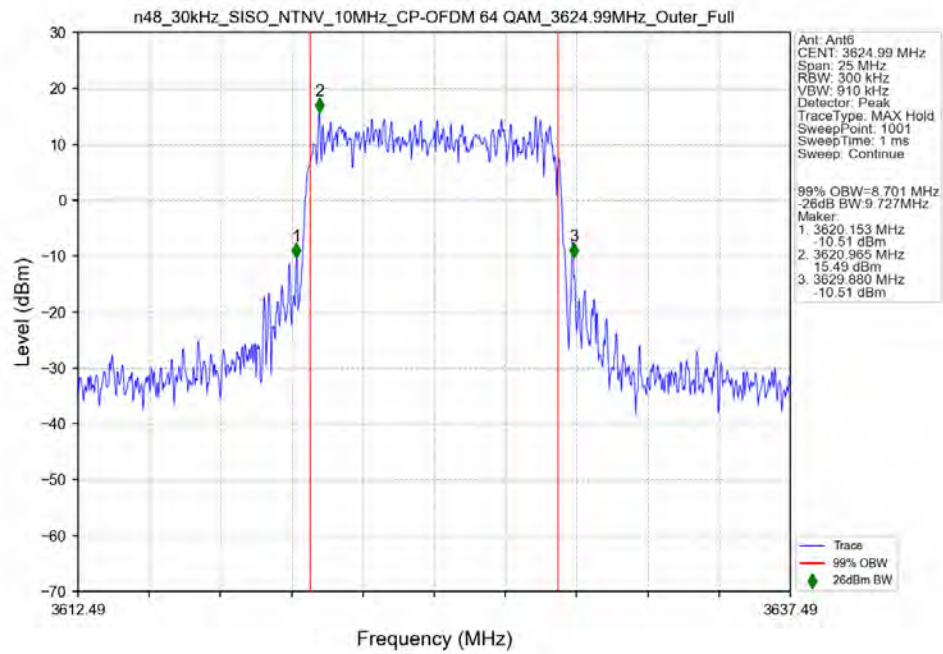
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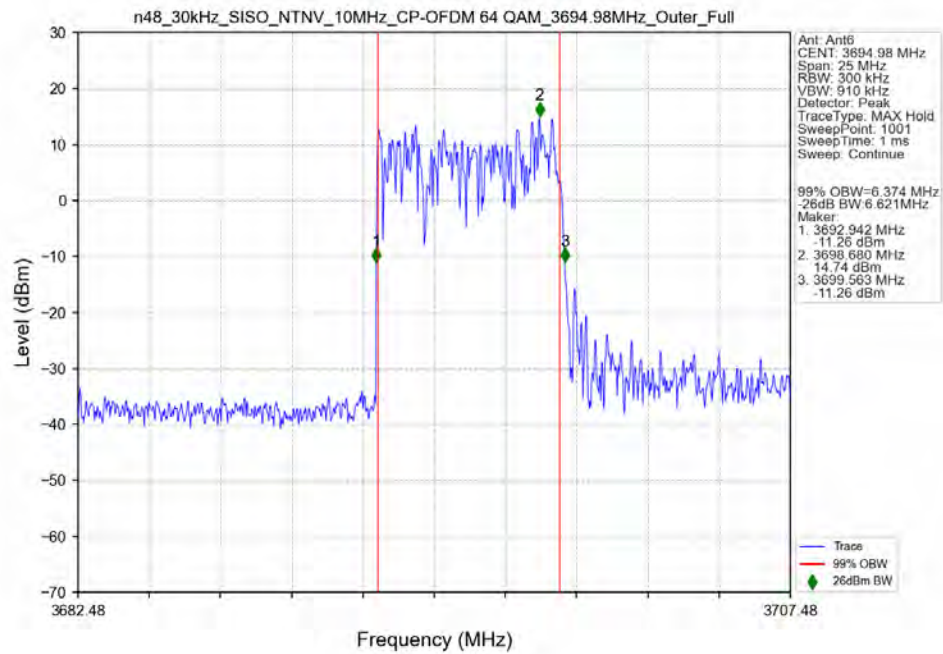
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3555MHz_Outer_Full_Ant6



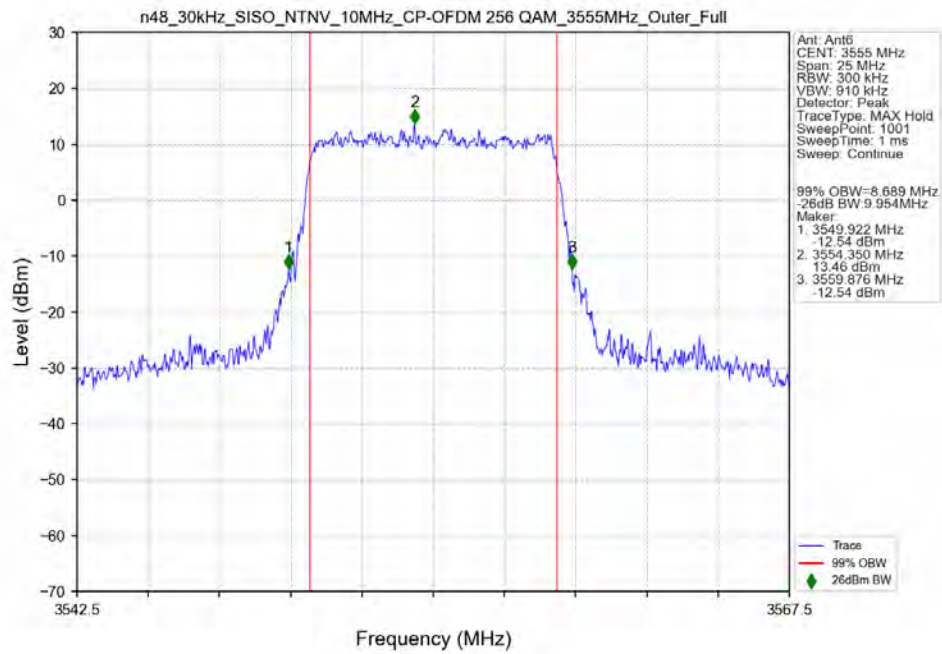
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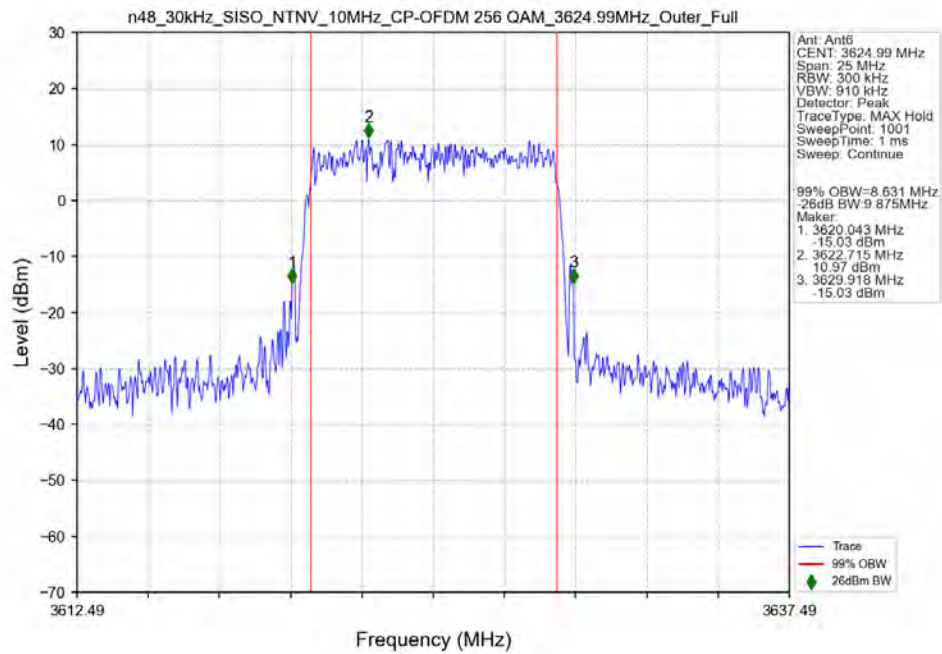
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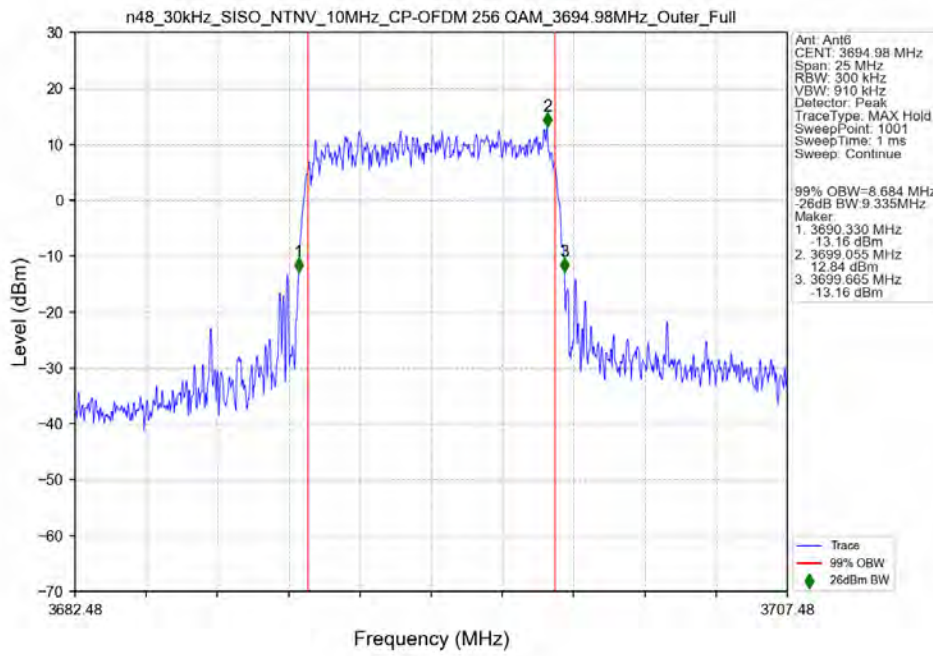


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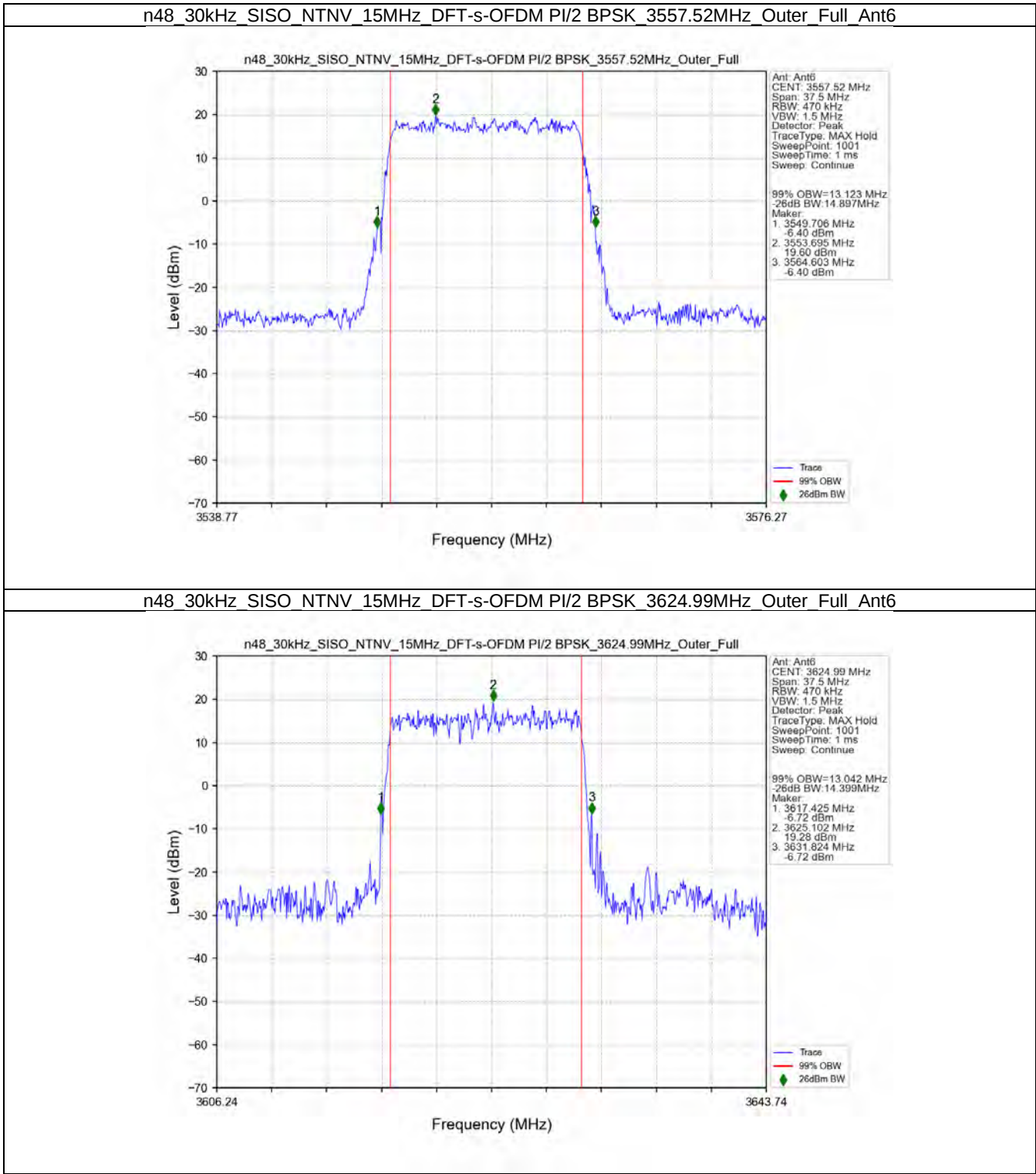


n48_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant6

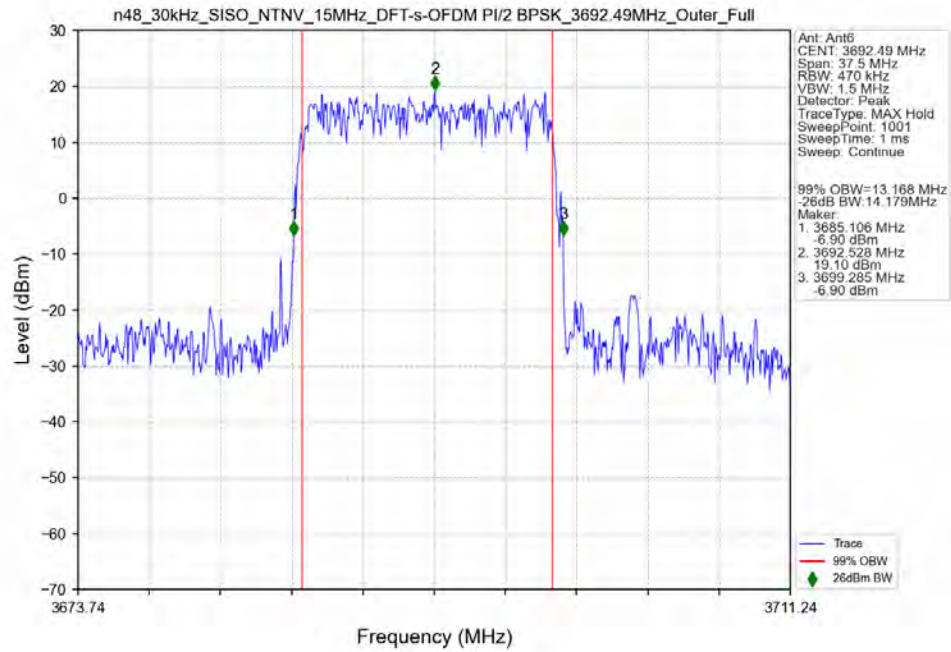




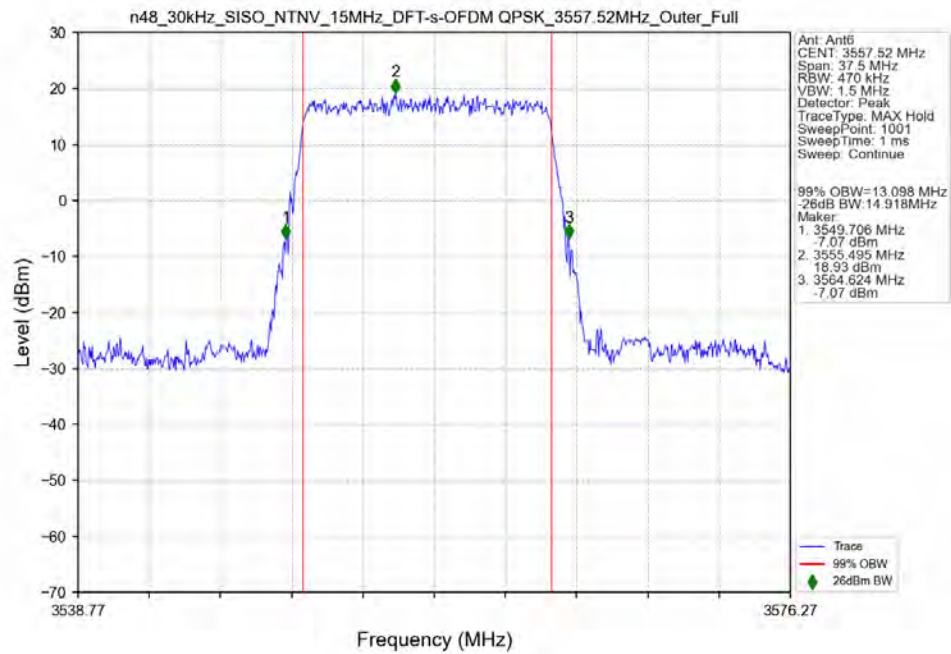
3.2.2 30k_SISO_15MHz_NTNV



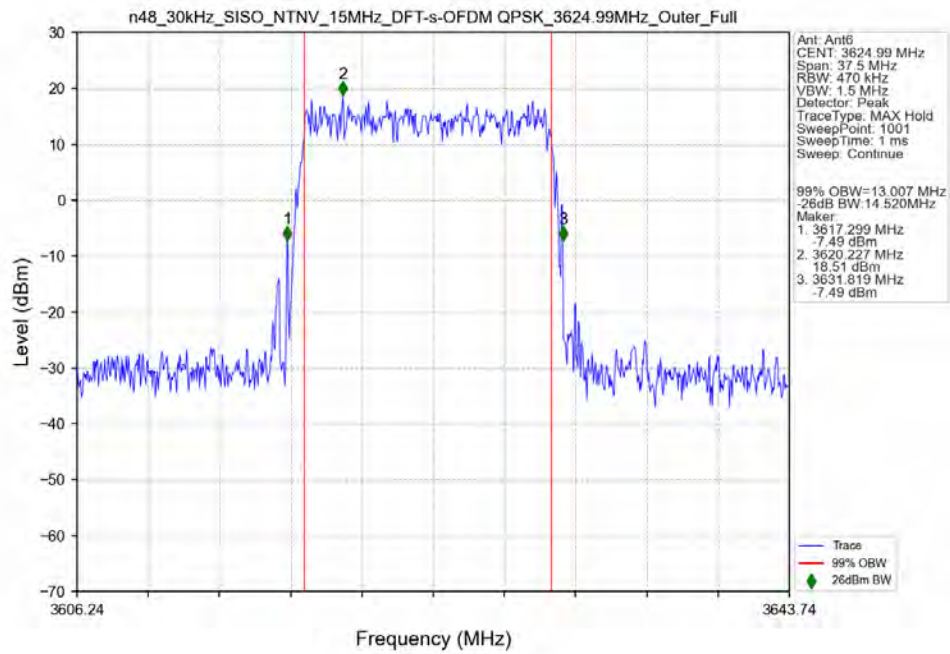
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3692.49MHz_Outer_Full_Ant6



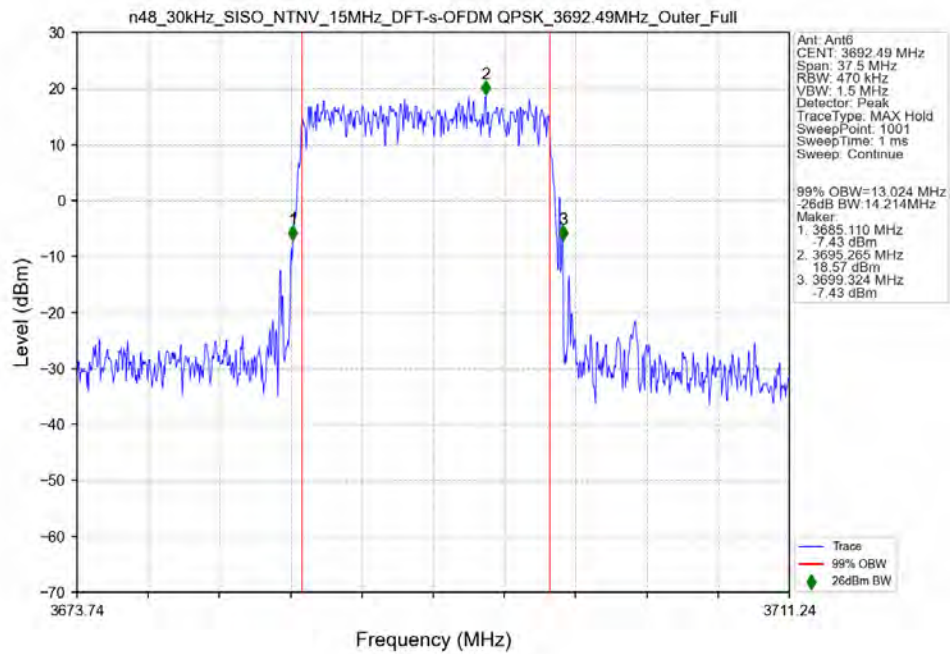
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3557.52MHz_Outer_Full_Ant6



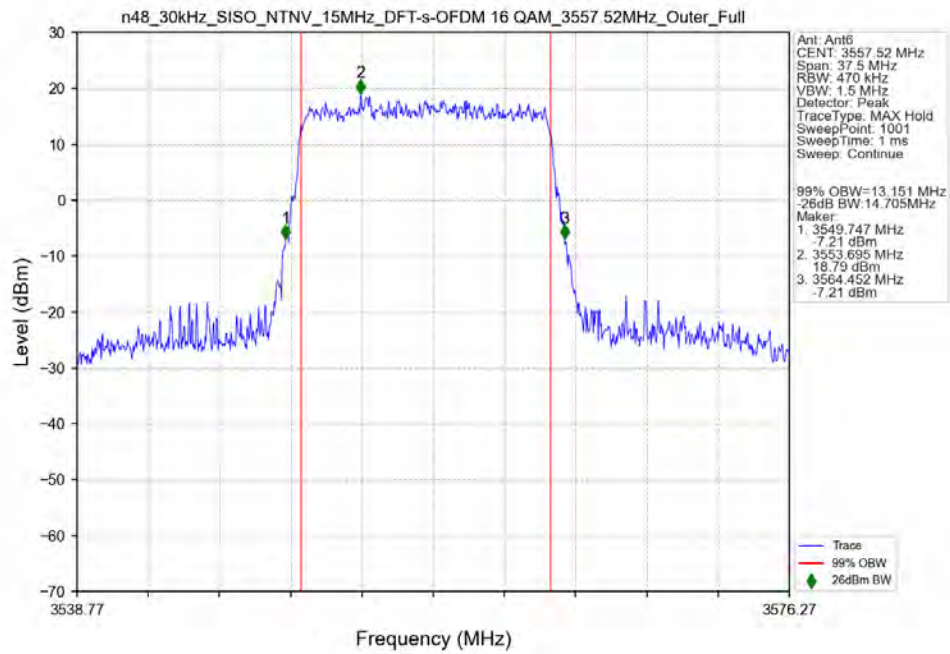
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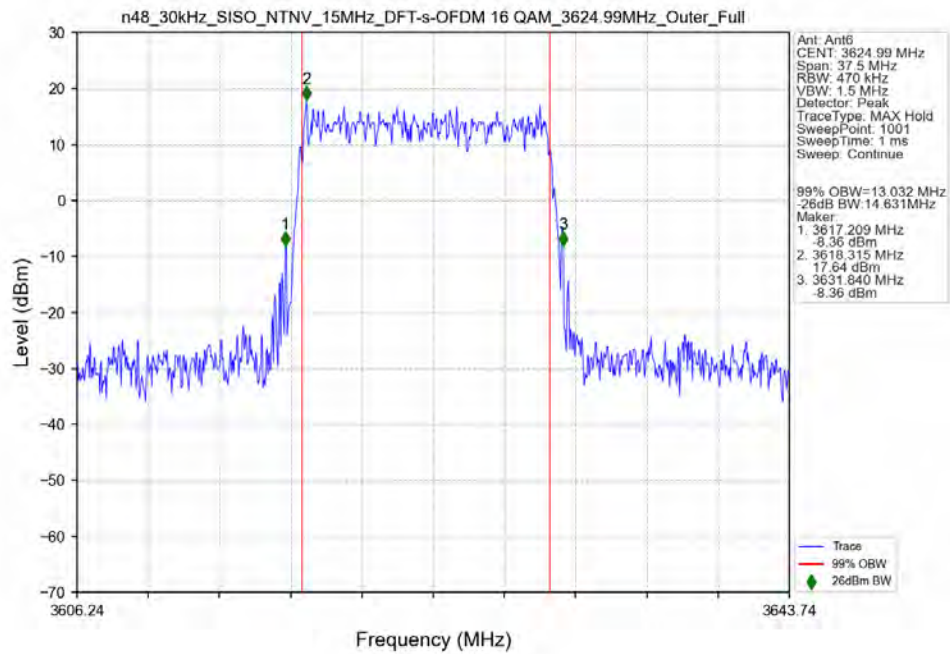
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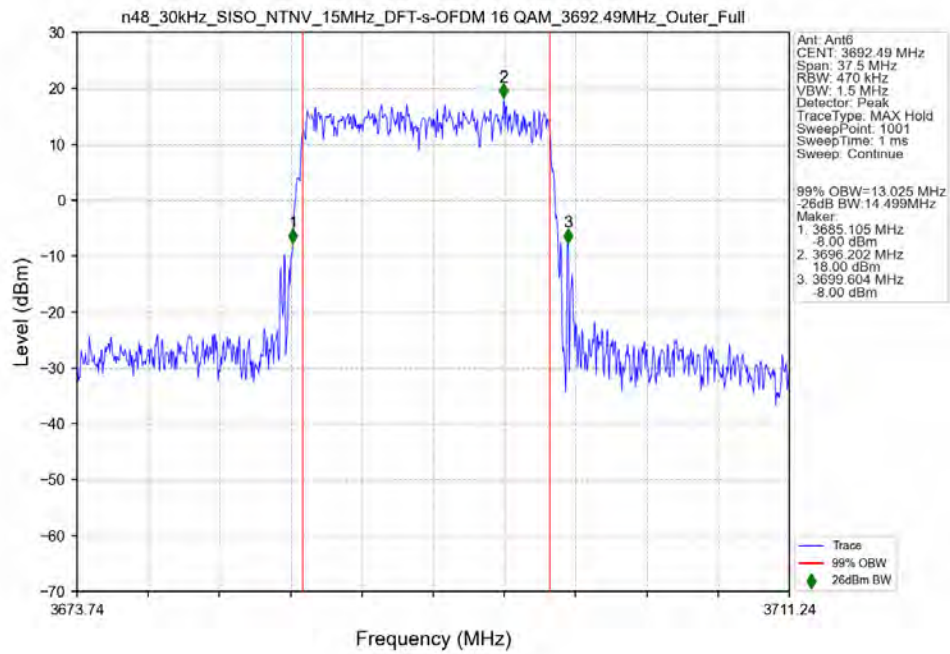
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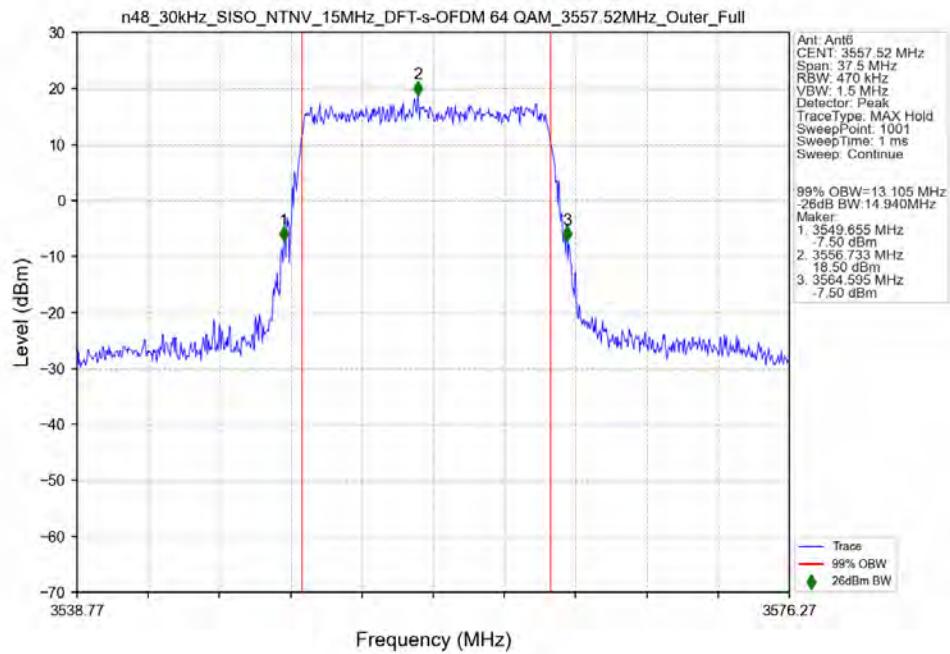
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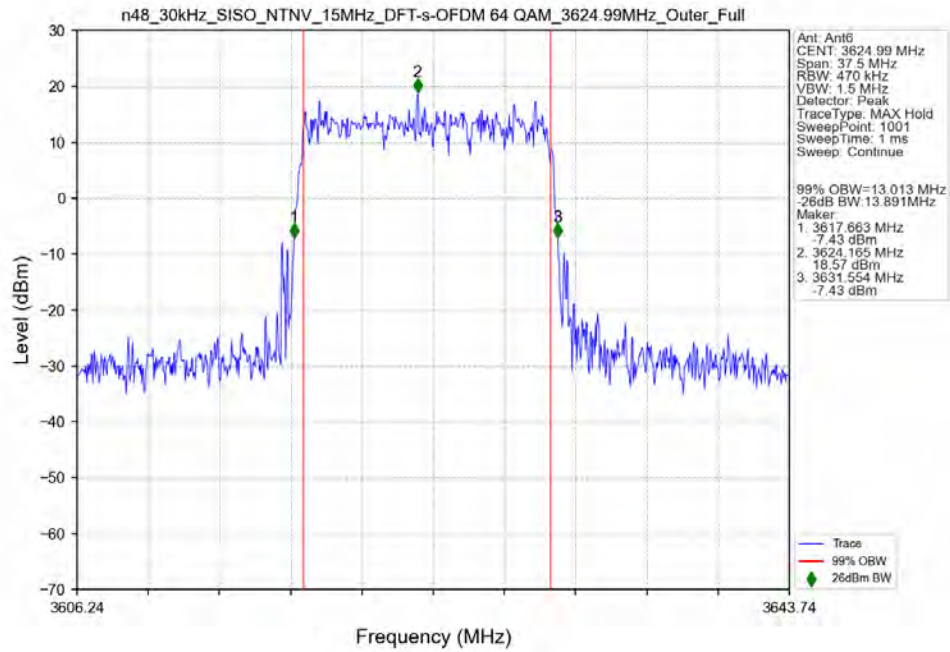
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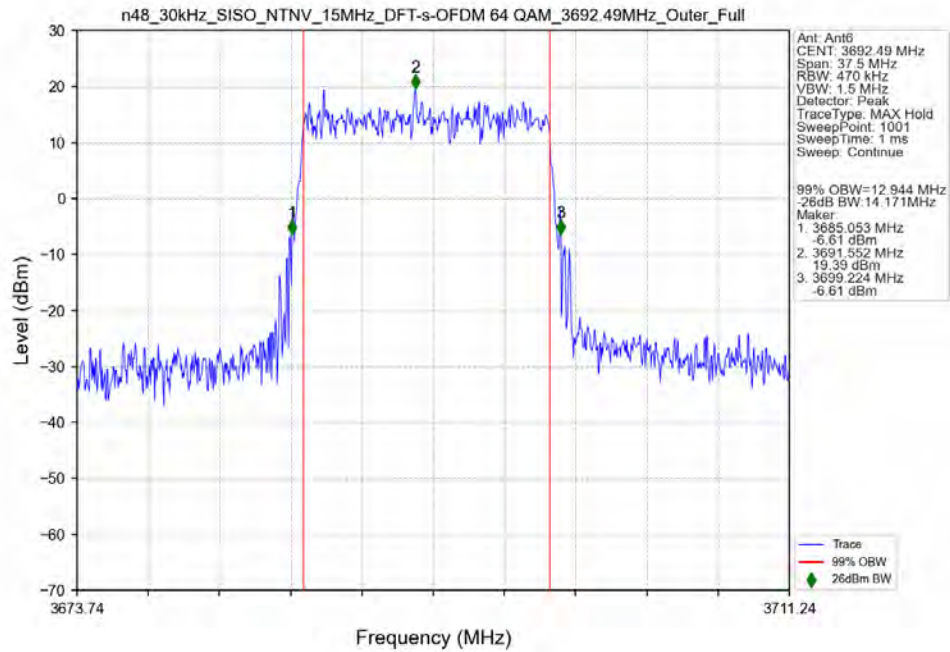
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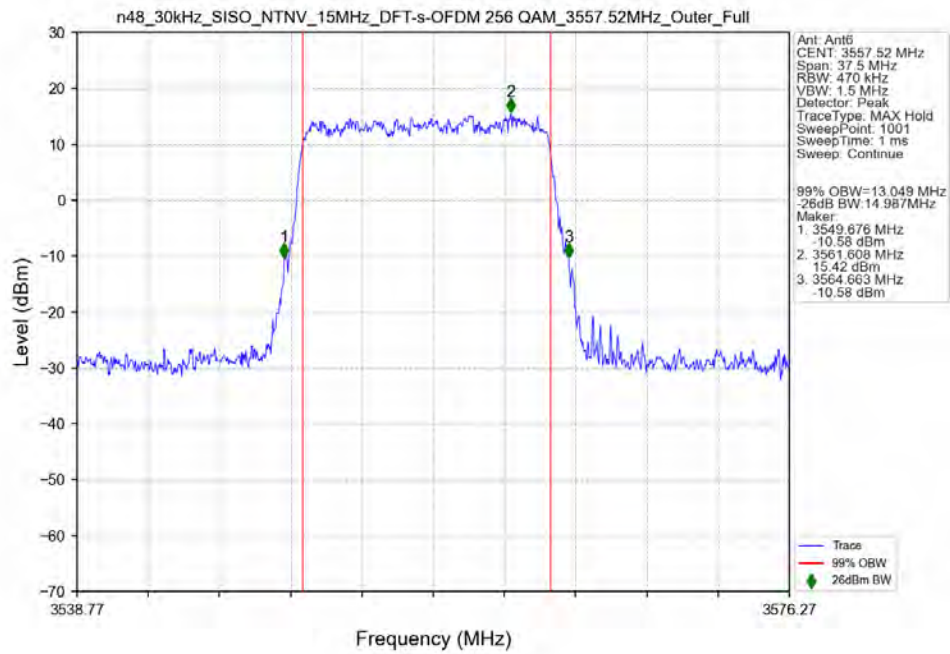
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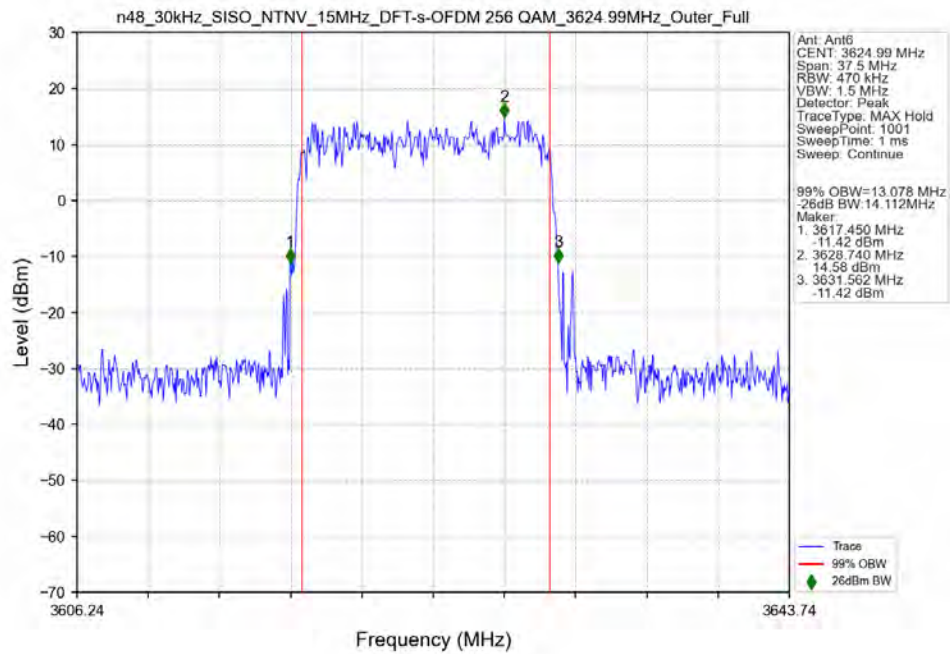
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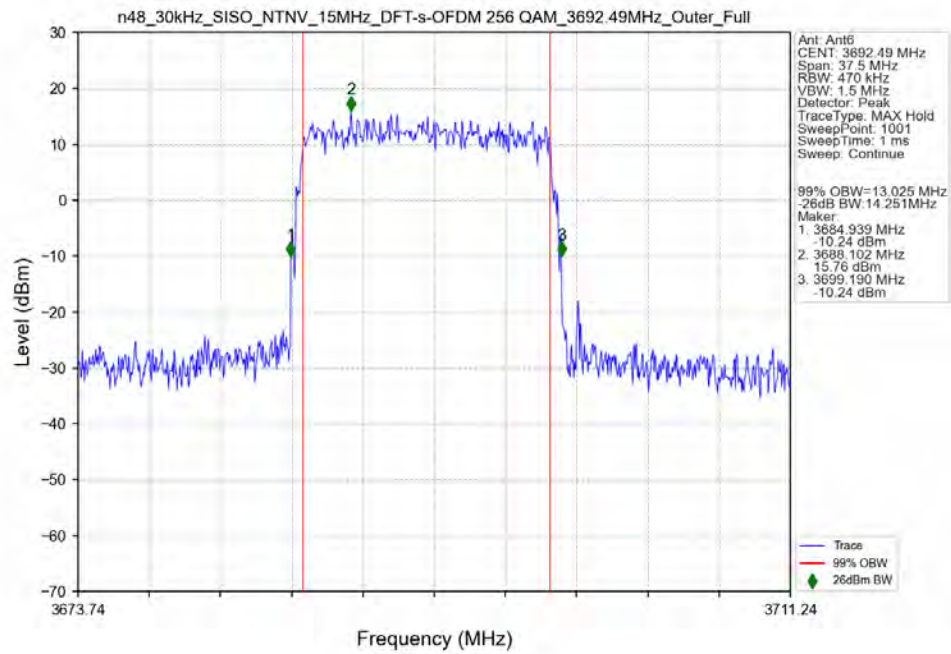
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3557.52MHz_Outer_Full_Ant6



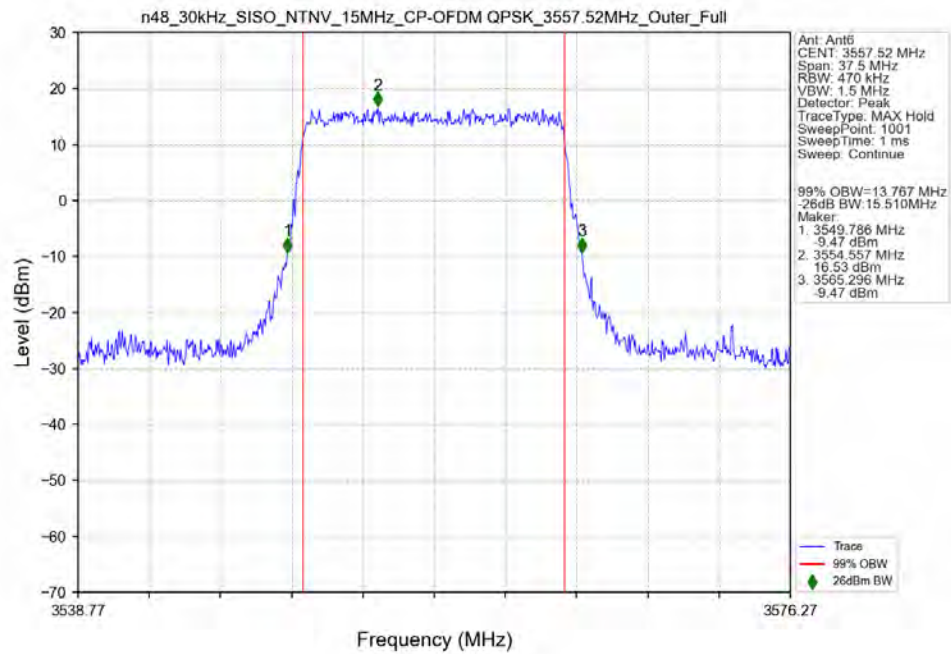
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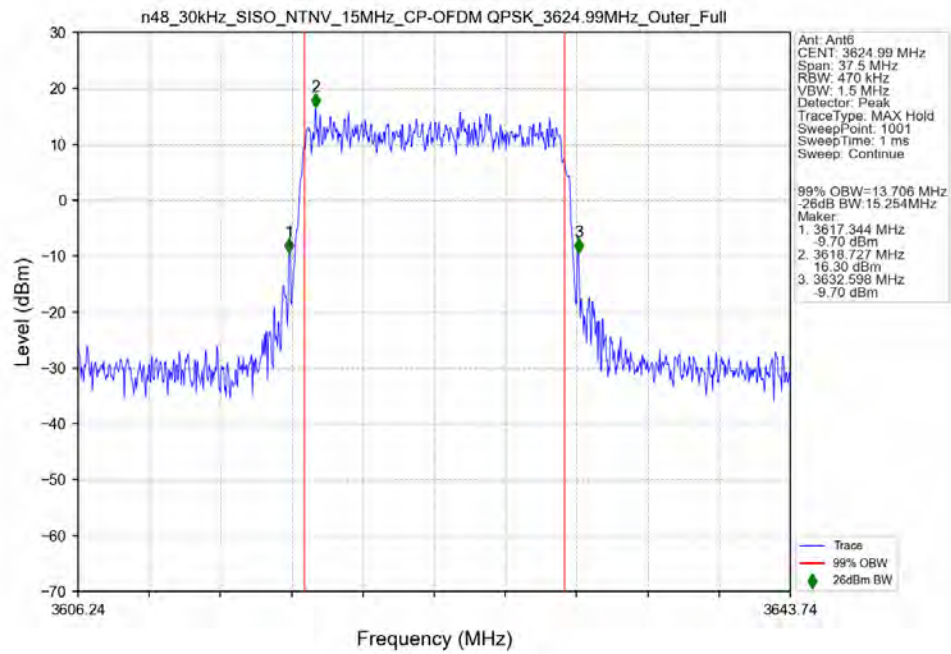
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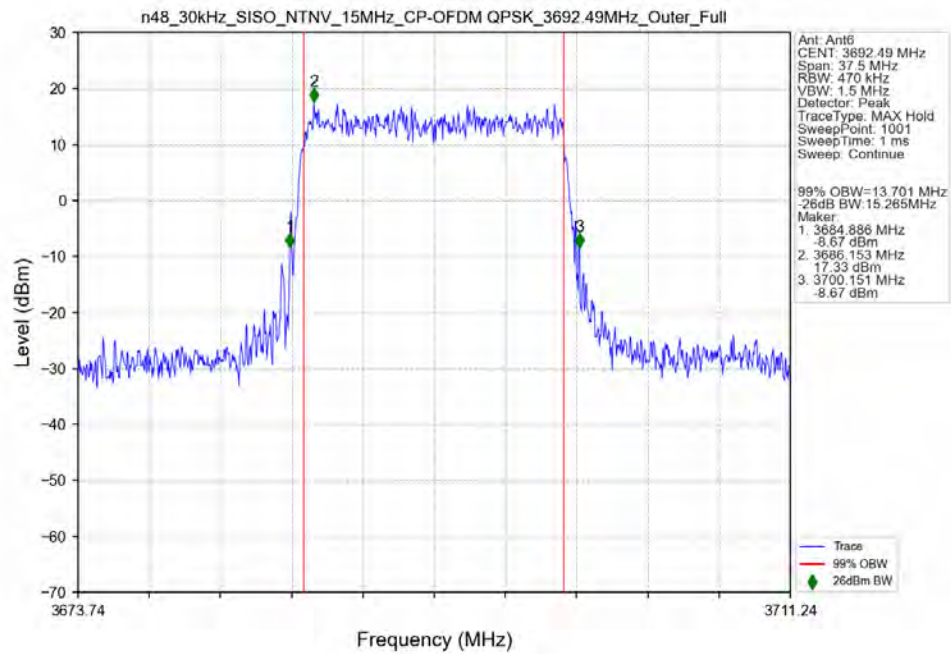
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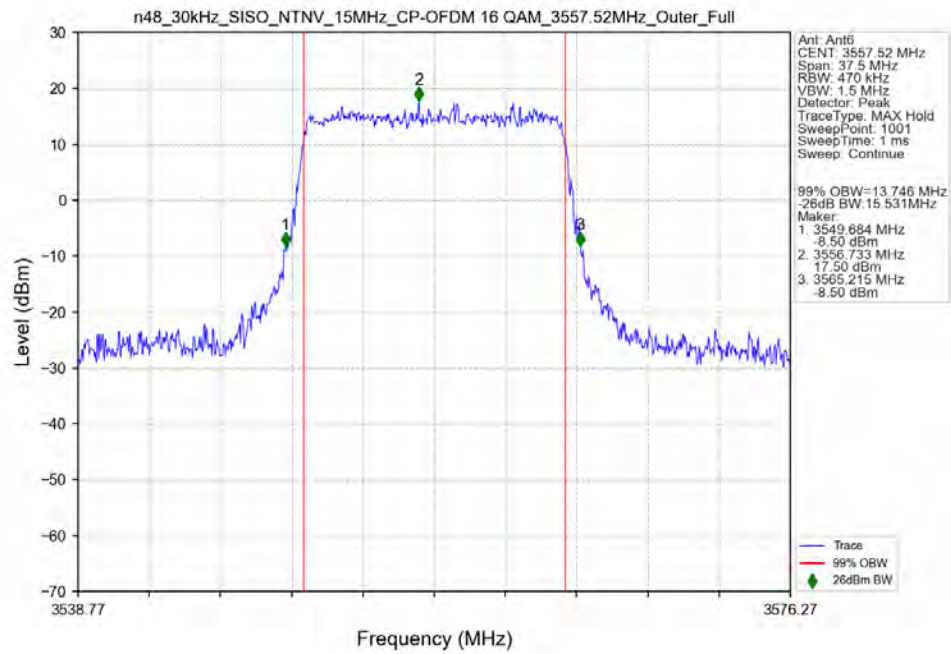
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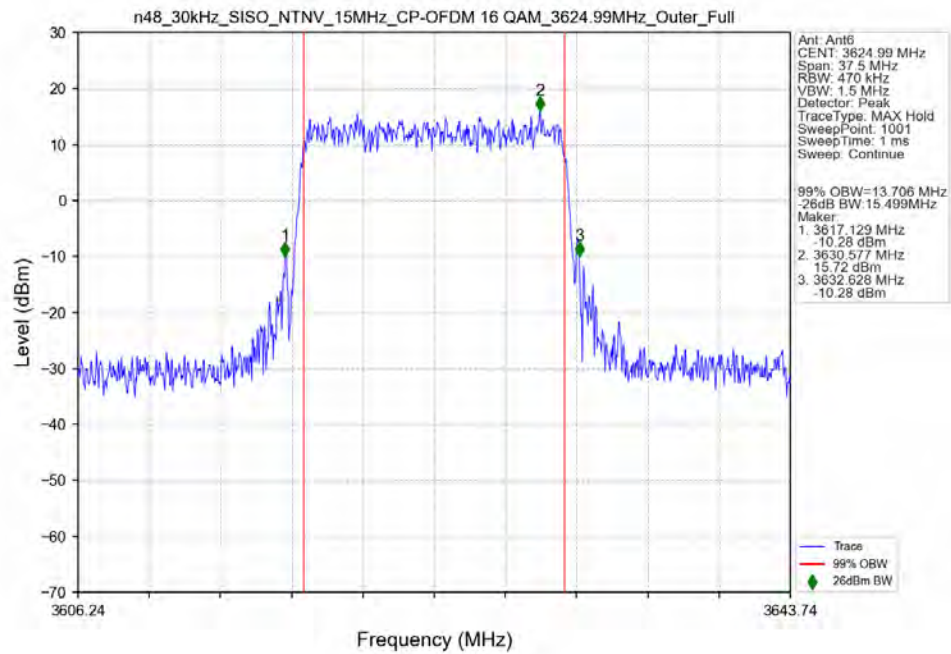
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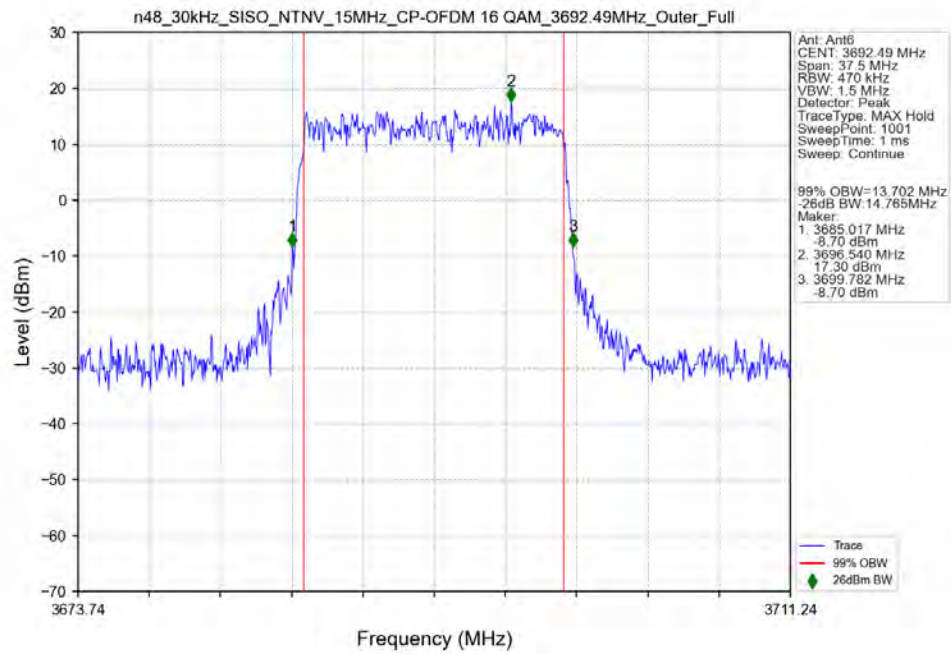
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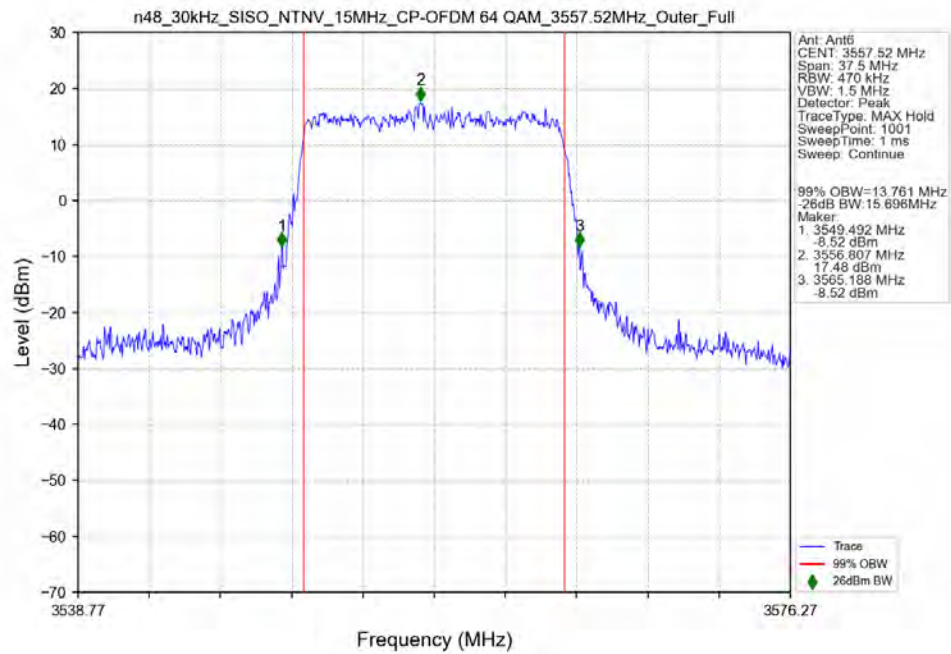
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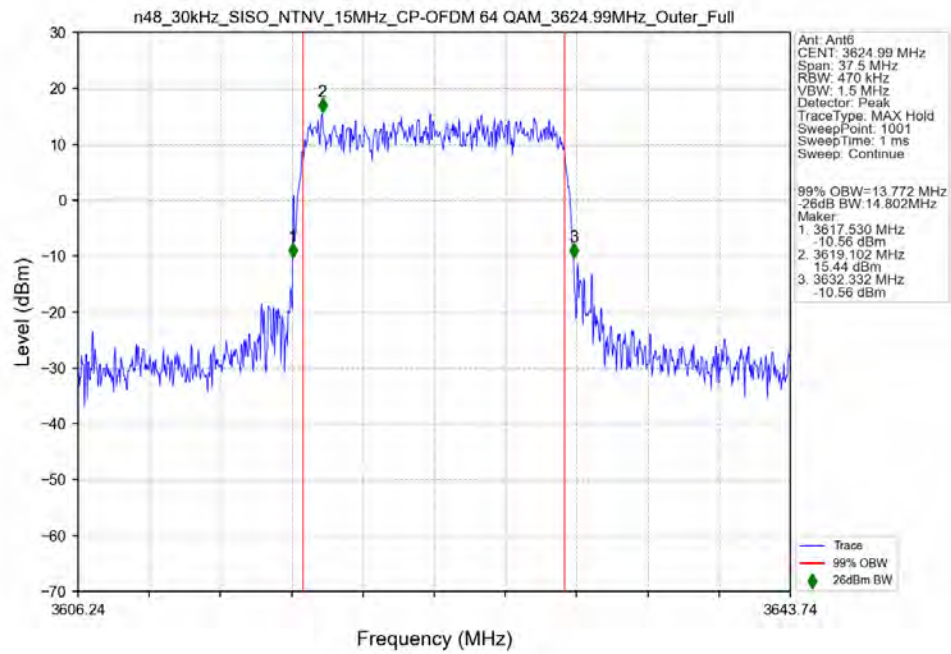
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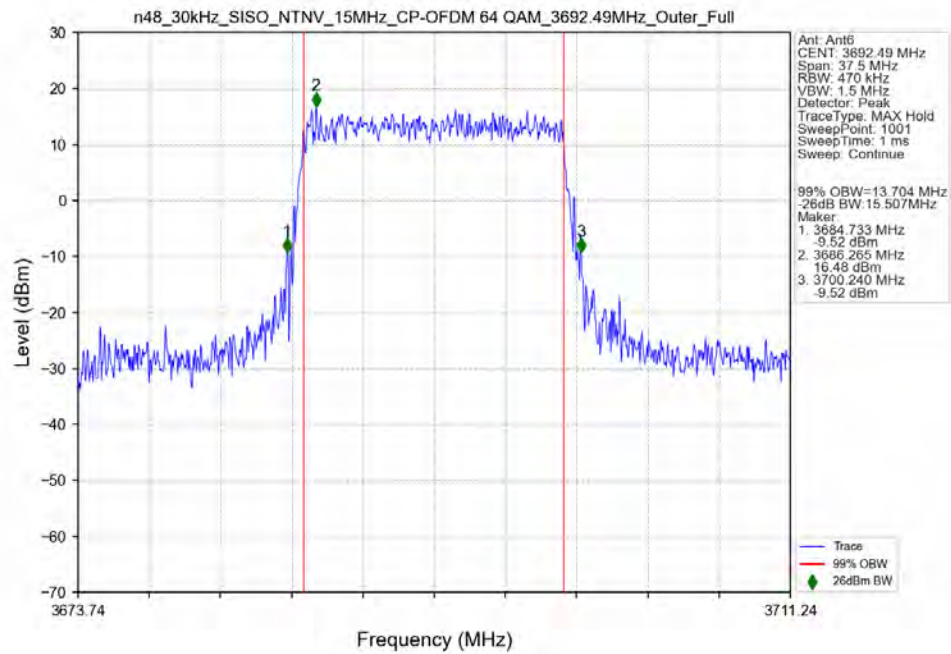
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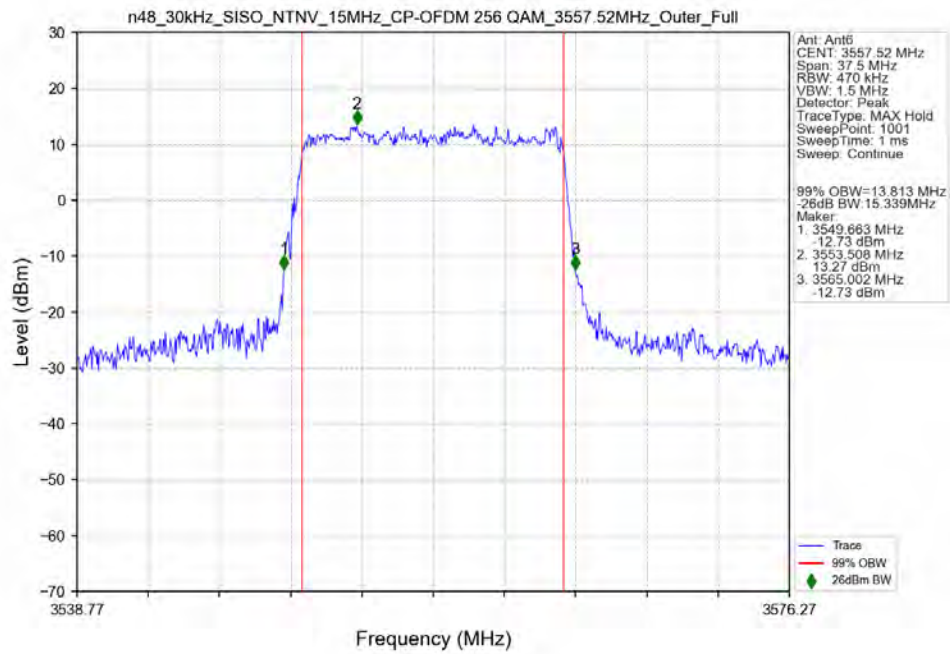
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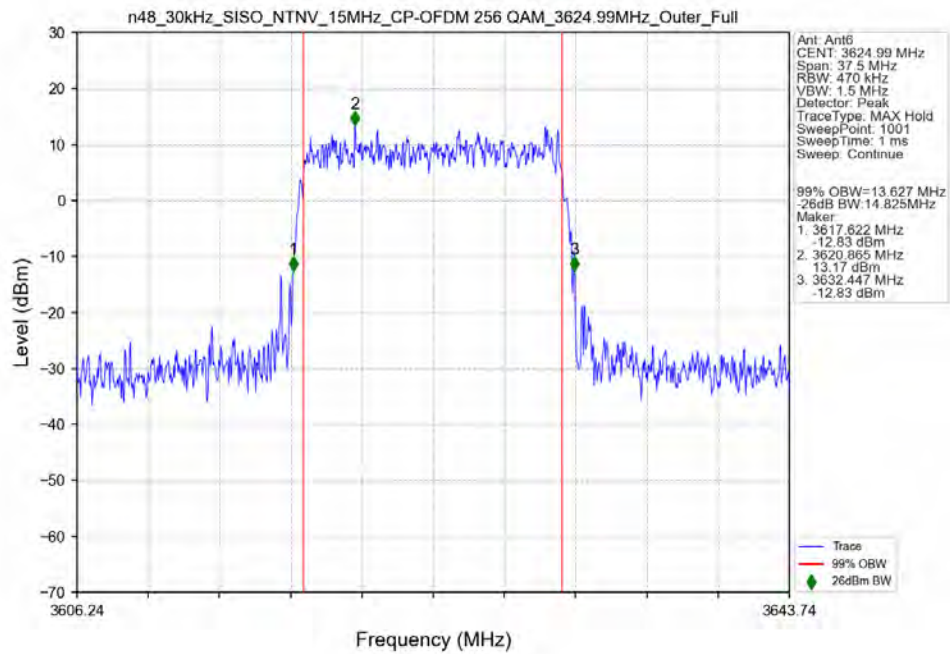
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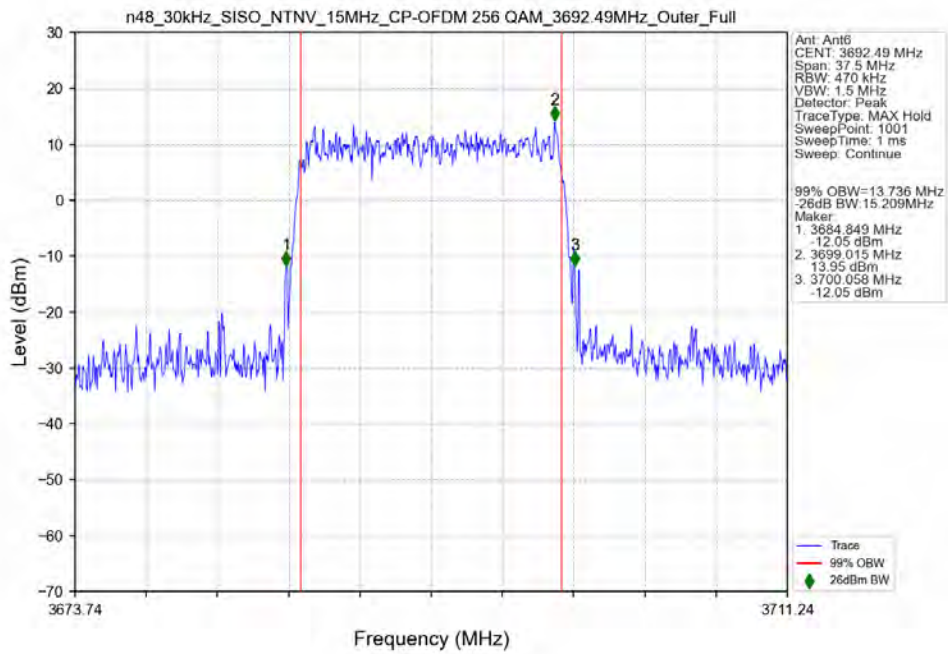


n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3557.52MHz_Outer_Full_Ant6

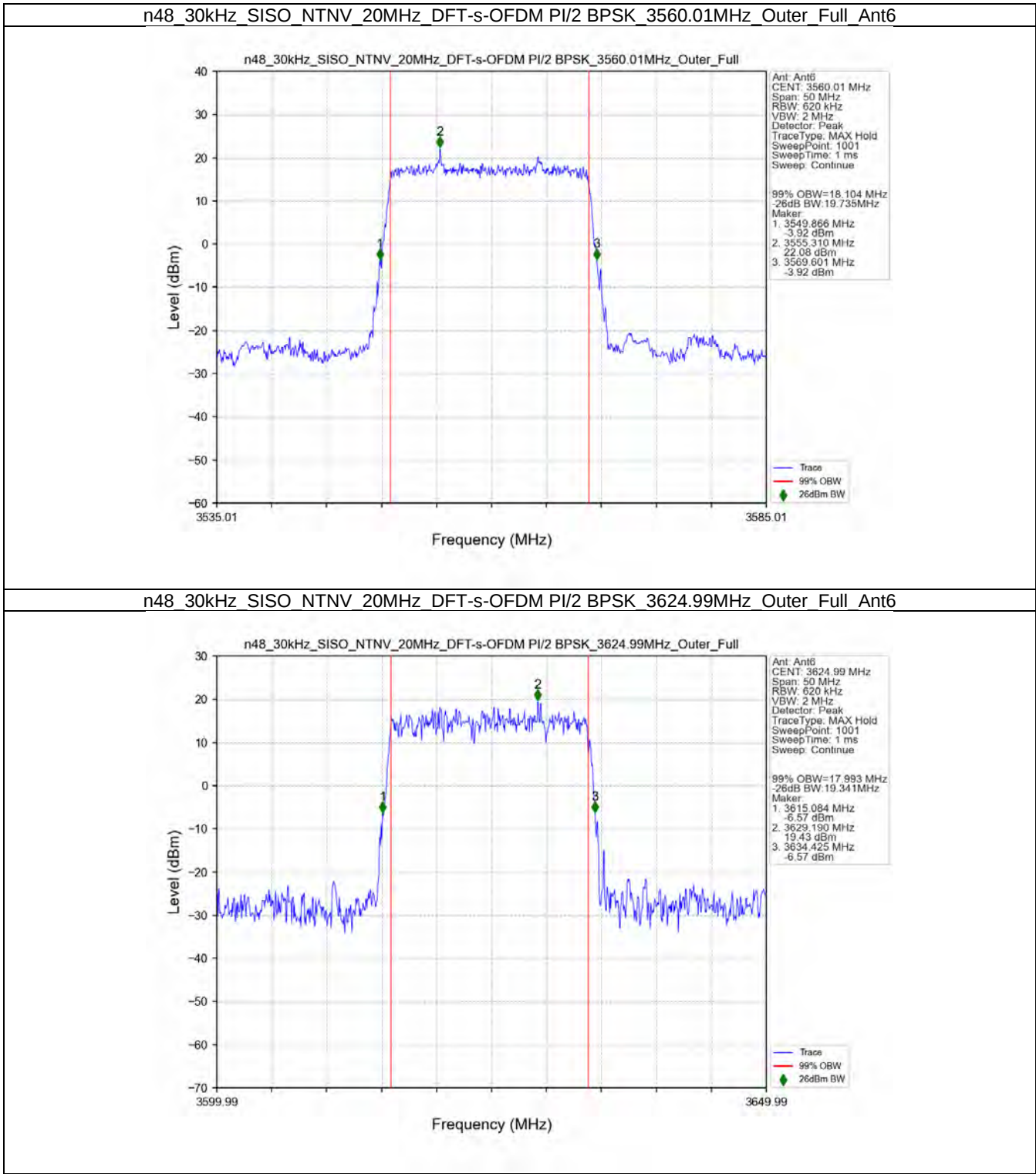


n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant6

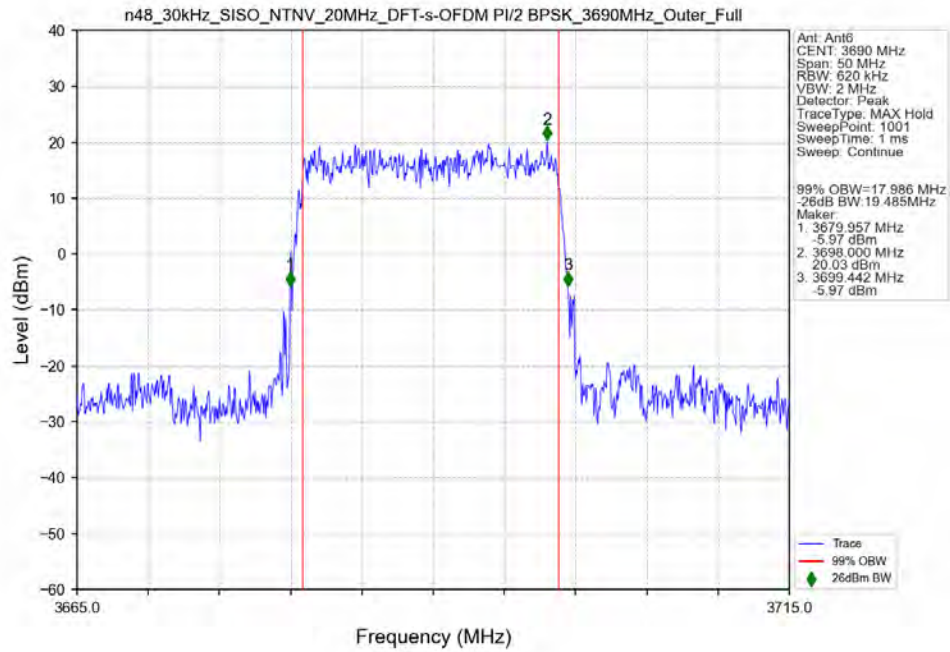




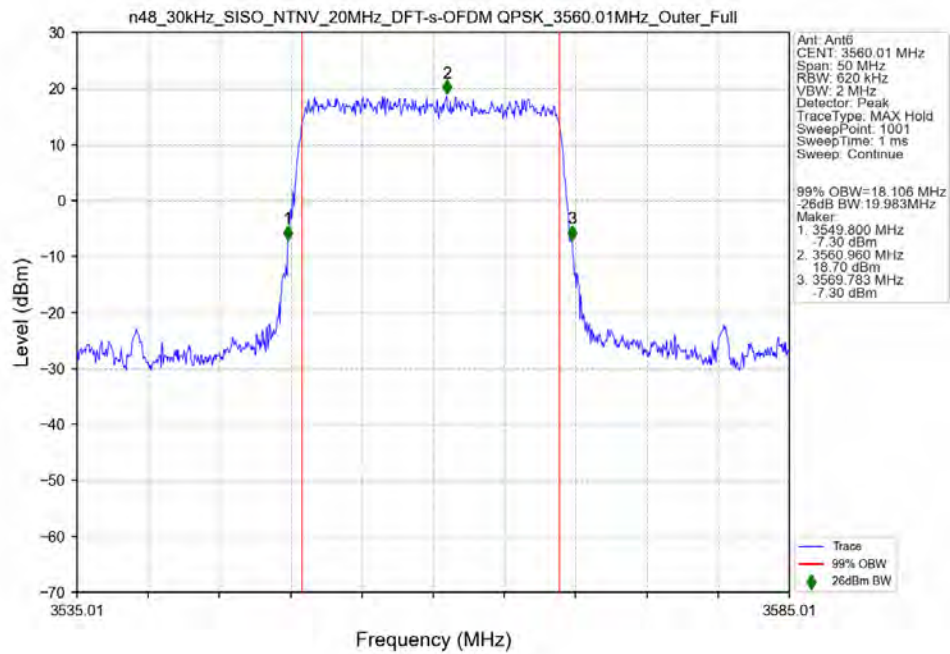
3.2.3 30k_SISO_20MHz_NTNV



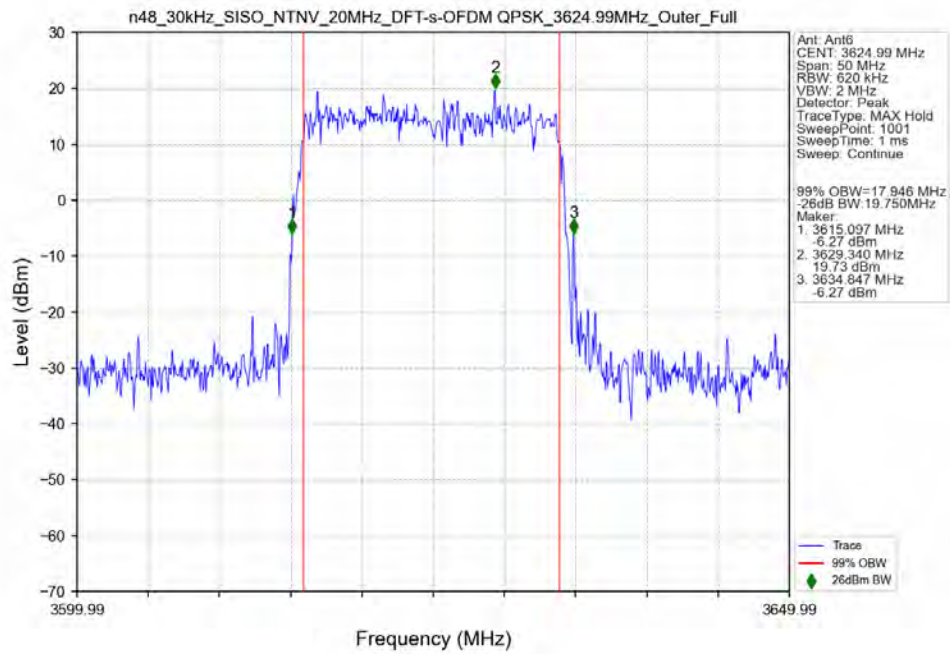
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full_Ant6



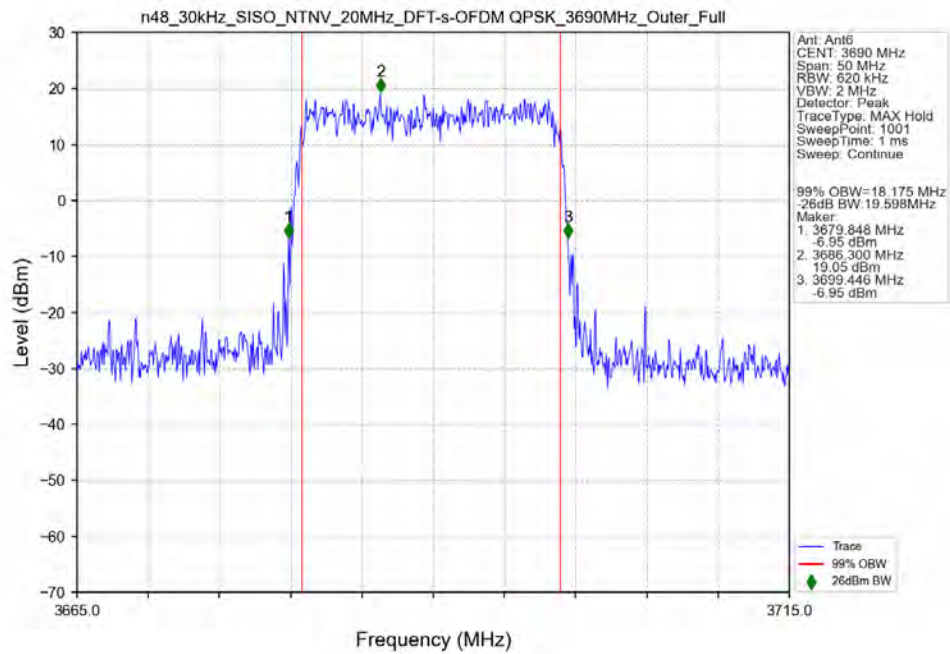
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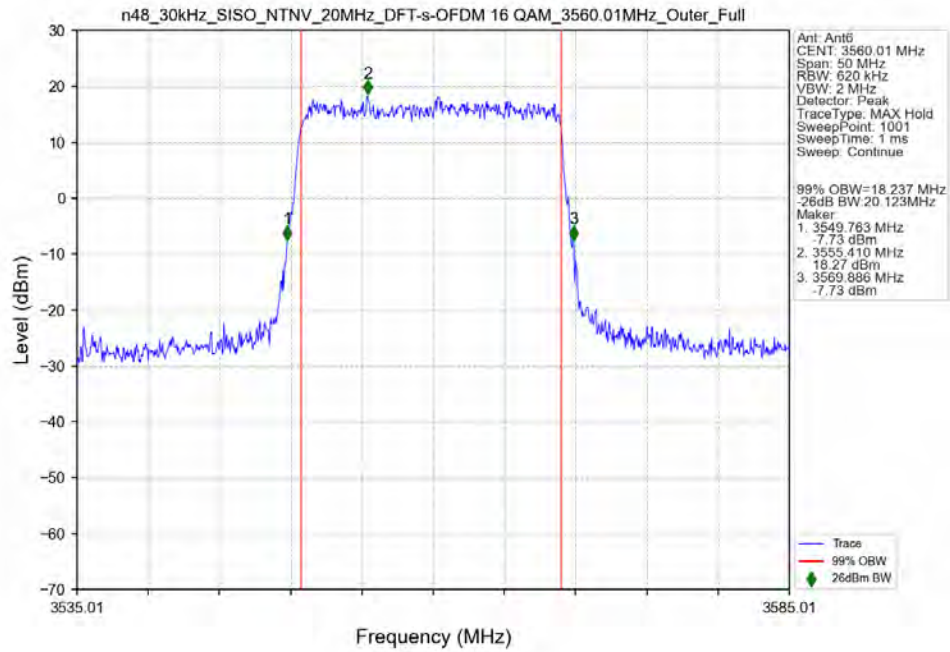
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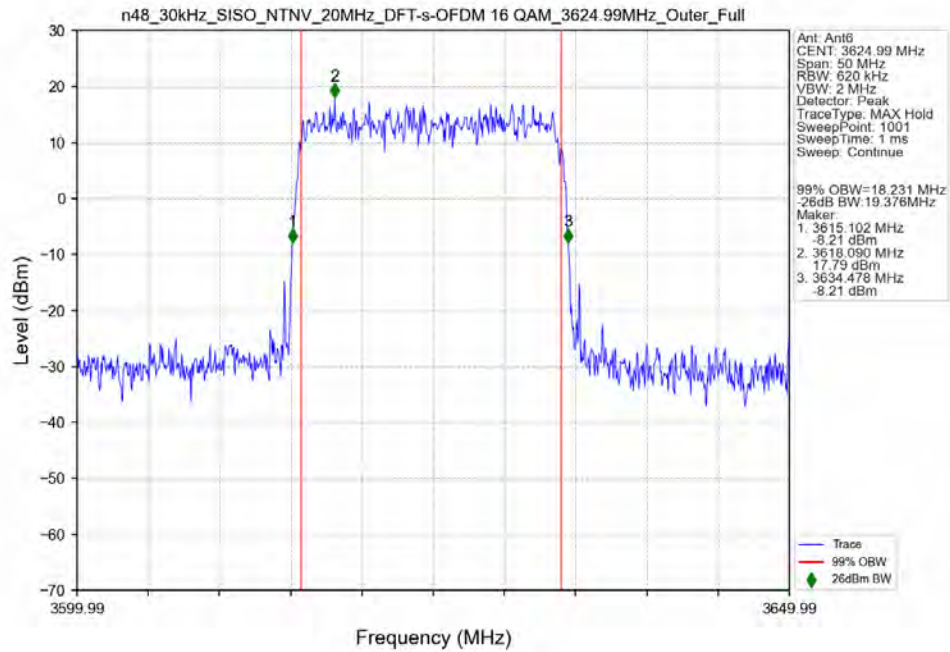
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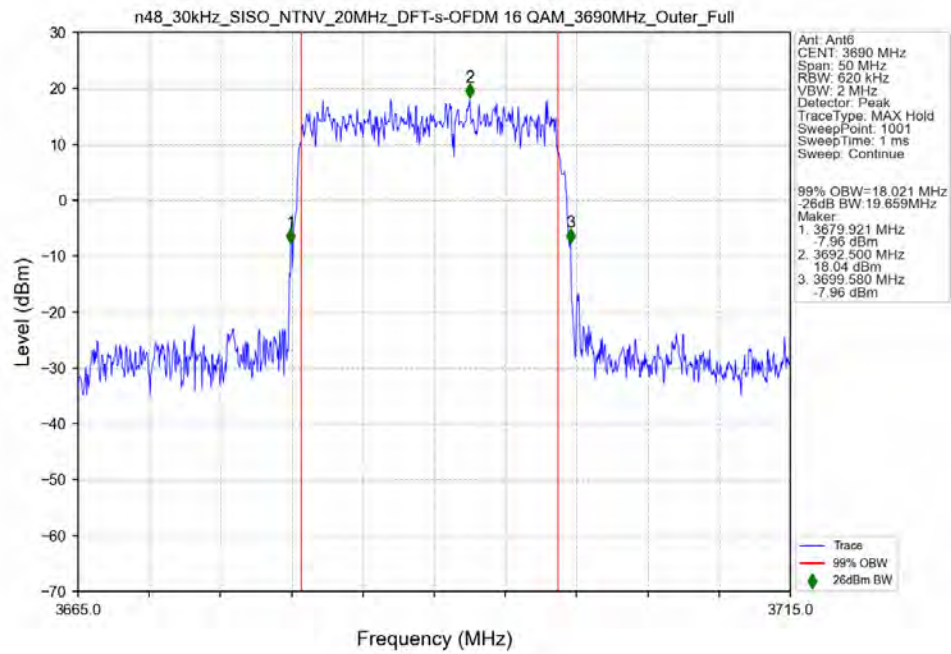
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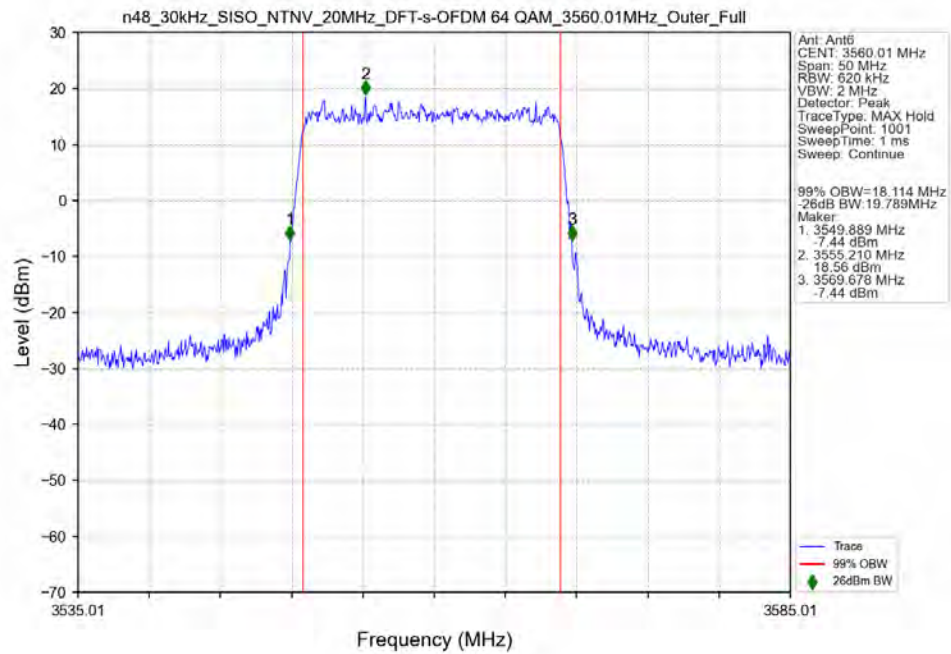
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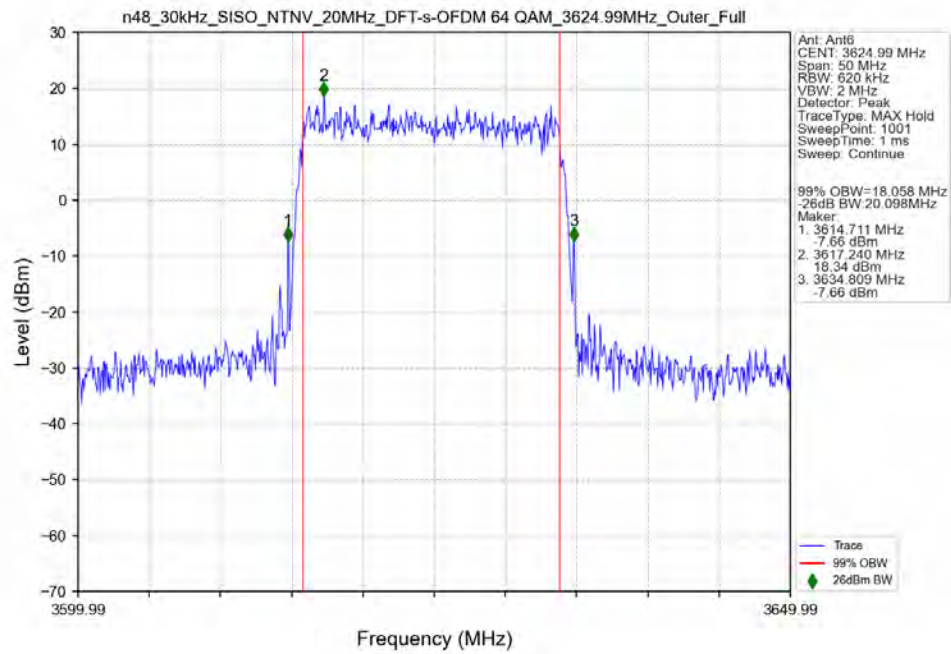
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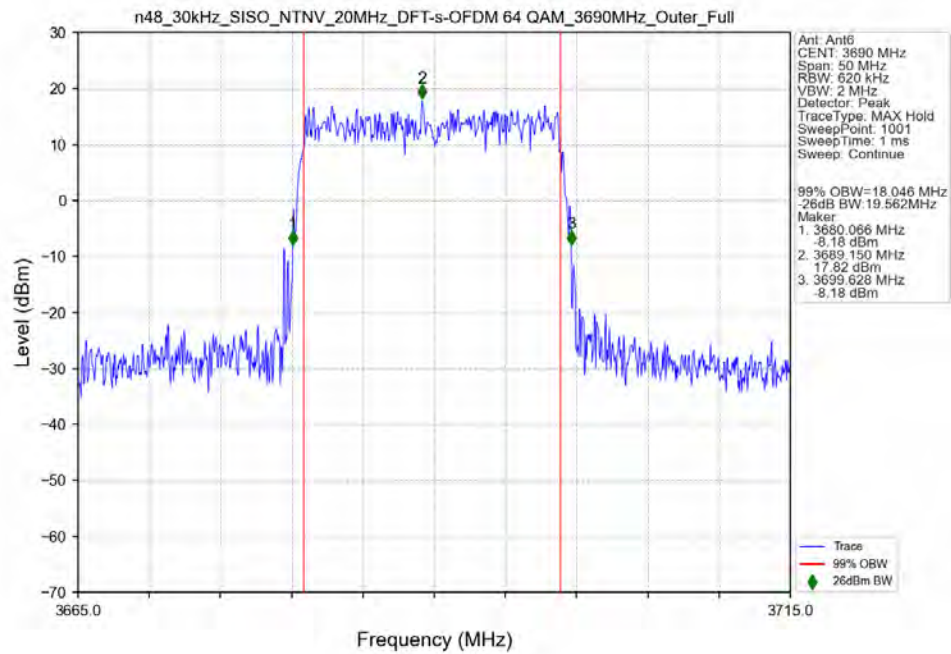
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM 3560.01MHz_Outer_Full_Ant6



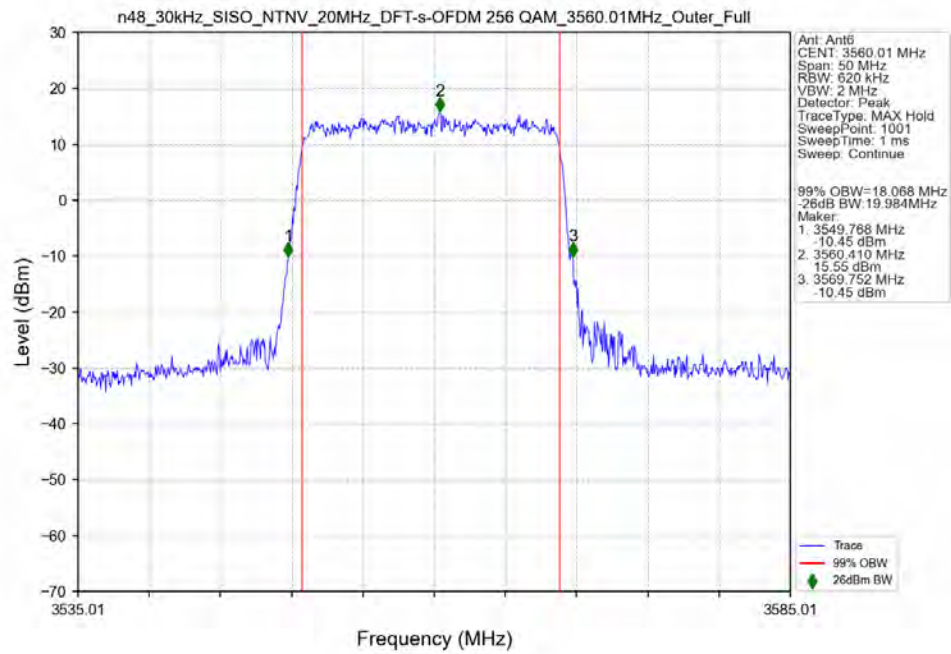
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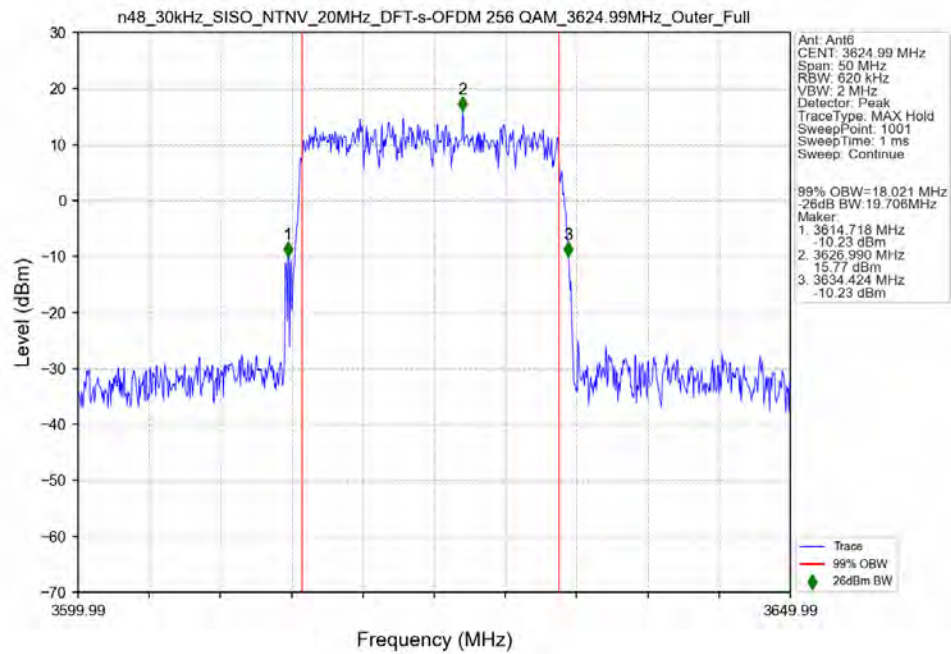
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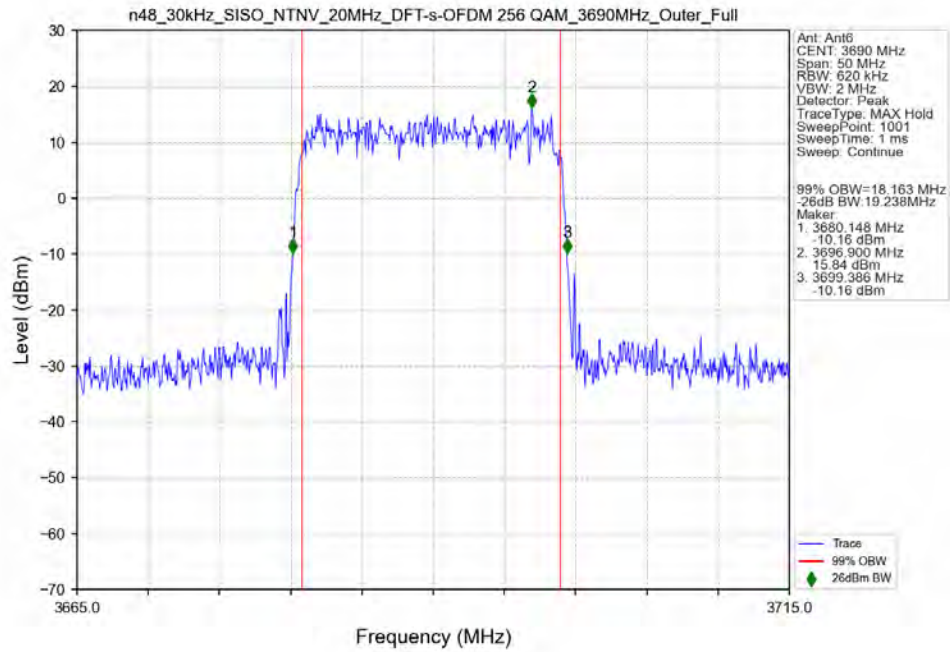
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3560.01MHz_Outer_Full_Ant6



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant6



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM 3690MHz_Outer_Full_Ant6



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Outer_Full_Ant6

