

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_20MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2506.02	Edge_1RB_Left	22.67	/	/	25.38	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	25.17	/	/	<=33	Pass
		Outer_Full	22.56	/	/	25.27	/	/	<=33	Pass
		Inner_Full	23.04	/	/	25.75	/	/	<=33	Pass
		Inner_1RB_Left	23.17	/	/	25.88	/	/	<=33	Pass
		Inner_1RB_Right	22.97	/	/	25.68	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.31	/	/	25.02	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	24.97	/	/	<=33	Pass
		Outer_Full	22.38	/	/	25.09	/	/	<=33	Pass
		Inner_Full	22.91	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Right	22.76	/	/	25.47	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	21.33	/	/	24.04	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	24.53	/	/	<=33	Pass
		Outer_Full	21.65	/	/	24.36	/	/	<=33	Pass
		Inner_Full	22.13	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	21.84	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	25.05	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	22.09	/	/	24.80	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	24.66	/	/	<=33	Pass
		Outer_Full	22.02	/	/	24.73	/	/	<=33	Pass
		Inner_Full	22.91	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Right	22.98	/	/	25.69	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.80	/	/	24.51	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	24.46	/	/	<=33	Pass
		Outer_Full	21.86	/	/	24.57	/	/	<=33	Pass
		Inner_Full	22.86	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Right	22.75	/	/	25.46	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	20.83	/	/	23.54	/	/	<=33	Pass
		Edge_1RB_Right	21.30	/	/	24.01	/	/	<=33	Pass
		Outer_Full	21.11	/	/	23.82	/	/	<=33	Pass
		Inner_Full	22.09	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Left	21.85	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	22.32	/	/	25.03	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Edge_1RB_Left	21.03	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	23.53	/	/	<=33	Pass
		Outer_Full	21.06	/	/	23.77	/	/	<=33	Pass
		Inner_Full	22.00	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Left	21.90	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Right	21.85	/	/	24.56	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.65	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	20.57	/	/	23.28	/	/	<=33	Pass
		Outer_Full	20.90	/	/	23.61	/	/	<=33	Pass
		Inner_Full	21.88	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	24.35	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	19.69	/	/	22.40	/	/	<=33	Pass

		Edge_1RB_Right	20.23	/	/	22.94	/	/	<=33	Pass
		Outer_Full	20.17	/	/	22.88	/	/	<=33	Pass
		Inner_Full	21.14	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Right	21.32	/	/	24.03	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2506.02	Edge_1RB_Left	20.70	/	/	23.41	/	/	<=33	Pass
		Edge_1RB_Right	20.55	/	/	23.26	/	/	<=33	Pass
		Outer_Full	20.55	/	/	23.26	/	/	<=33	Pass
		Inner_Full	20.54	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Left	20.74	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	23.29	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.41	/	/	23.12	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	23.06	/	/	<=33	Pass
		Outer_Full	20.37	/	/	23.08	/	/	<=33	Pass
		Inner_Full	20.43	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	23.06	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	19.41	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	22.60	/	/	<=33	Pass
		Outer_Full	19.66	/	/	22.37	/	/	<=33	Pass
		Inner_Full	19.64	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Left	19.42	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Right	19.89	/	/	22.60	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Edge_1RB_Left	18.48	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	18.33	/	/	21.04	/	/	<=33	Pass
		Outer_Full	18.52	/	/	21.23	/	/	<=33	Pass
		Inner_Full	18.56	/	/	21.27	/	/	<=33	Pass
		Inner_1RB_Left	18.49	/	/	21.20	/	/	<=33	Pass
		Inner_1RB_Right	18.35	/	/	21.06	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.22	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	18.15	/	/	20.86	/	/	<=33	Pass
		Outer_Full	18.37	/	/	21.08	/	/	<=33	Pass
		Inner_Full	18.45	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	18.22	/	/	20.93	/	/	<=33	Pass
		Inner_1RB_Right	18.18	/	/	20.89	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	17.28	/	/	19.99	/	/	<=33	Pass
		Edge_1RB_Right	17.74	/	/	20.45	/	/	<=33	Pass
		Outer_Full	17.64	/	/	20.35	/	/	<=33	Pass
		Inner_Full	17.67	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Left	17.26	/	/	19.97	/	/	<=33	Pass
		Inner_1RB_Right	17.78	/	/	20.49	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Edge_1RB_Left	20.11	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	22.73	/	/	<=33	Pass
		Outer_Full	20.02	/	/	22.73	/	/	<=33	Pass
		Inner_Full	21.49	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	21.45	/	/	24.16	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.84	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	22.58	/	/	<=33	Pass
		Outer_Full	19.90	/	/	22.61	/	/	<=33	Pass
		Inner_Full	21.39	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Left	21.32	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	24.27	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	18.85	/	/	21.56	/	/	<=33	Pass
		Edge_1RB_Right	19.38	/	/	22.09	/	/	<=33	Pass
		Outer_Full	19.14	/	/	21.85	/	/	<=33	Pass
		Inner_Full	20.58	/	/	23.29	/	/	<=33	Pass
		Inner_1RB_Left	20.34	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	20.78	/	/	23.49	/	/	<=33	Pass

CP-OFDM 16 QAM	2506.02	Edge 1RB Left	20.06	/	/	22.77	/	/	<=33	Pass
		Edge 1RB Right	19.91	/	/	22.62	/	/	<=33	Pass
		Outer_Full	20.01	/	/	22.72	/	/	<=33	Pass
		Inner_Full	20.97	/	/	23.68	/	/	<=33	Pass
		Inner 1RB Left	21.07	/	/	23.78	/	/	<=33	Pass
		Inner 1RB Right	20.83	/	/	23.54	/	/	<=33	Pass
	2592.99	Edge 1RB Left	19.69	/	/	22.40	/	/	<=33	Pass
		Edge 1RB Right	19.70	/	/	22.41	/	/	<=33	Pass
		Outer_Full	19.94	/	/	22.65	/	/	<=33	Pass
		Inner_Full	20.90	/	/	23.61	/	/	<=33	Pass
		Inner 1RB Left	20.73	/	/	23.44	/	/	<=33	Pass
		Inner 1RB Right	20.60	/	/	23.31	/	/	<=33	Pass
	2679.99	Edge 1RB Left	18.77	/	/	21.48	/	/	<=33	Pass
		Edge 1RB Right	19.28	/	/	21.99	/	/	<=33	Pass
		Outer_Full	19.15	/	/	21.86	/	/	<=33	Pass
		Inner_Full	20.09	/	/	22.80	/	/	<=33	Pass
		Inner 1RB Left	19.72	/	/	22.43	/	/	<=33	Pass
		Inner 1RB Right	20.24	/	/	22.95	/	/	<=33	Pass
CP-OFDM 64 QAM	2506.02	Edge 1RB Left	19.76	/	/	22.47	/	/	<=33	Pass
		Edge 1RB Right	19.56	/	/	22.27	/	/	<=33	Pass
		Outer_Full	19.53	/	/	22.24	/	/	<=33	Pass
		Inner_Full	19.55	/	/	22.26	/	/	<=33	Pass
		Inner 1RB Left	19.73	/	/	22.44	/	/	<=33	Pass
		Inner 1RB Right	19.52	/	/	22.23	/	/	<=33	Pass
	2592.99	Edge 1RB Left	19.31	/	/	22.02	/	/	<=33	Pass
		Edge 1RB Right	19.29	/	/	22.00	/	/	<=33	Pass
		Outer_Full	19.37	/	/	22.08	/	/	<=33	Pass
		Inner_Full	19.40	/	/	22.11	/	/	<=33	Pass
		Inner 1RB Left	19.35	/	/	22.06	/	/	<=33	Pass
		Inner 1RB Right	19.32	/	/	22.03	/	/	<=33	Pass
	2679.99	Edge 1RB Left	18.38	/	/	21.09	/	/	<=33	Pass
		Edge 1RB Right	18.92	/	/	21.63	/	/	<=33	Pass
		Outer_Full	18.60	/	/	21.31	/	/	<=33	Pass
		Inner_Full	18.64	/	/	21.35	/	/	<=33	Pass
		Inner 1RB Left	18.38	/	/	21.09	/	/	<=33	Pass
		Inner 1RB Right	18.84	/	/	21.55	/	/	<=33	Pass
CP-OFDM 256 QAM	2506.02	Edge 1RB Left	16.54	/	/	19.25	/	/	<=33	Pass
		Edge 1RB Right	16.43	/	/	19.14	/	/	<=33	Pass
		Outer_Full	16.49	/	/	19.20	/	/	<=33	Pass
		Inner_Full	16.56	/	/	19.27	/	/	<=33	Pass
		Inner 1RB Left	16.62	/	/	19.33	/	/	<=33	Pass
		Inner 1RB Right	16.41	/	/	19.12	/	/	<=33	Pass
	2592.99	Edge 1RB Left	16.25	/	/	18.96	/	/	<=33	Pass
		Edge 1RB Right	16.21	/	/	18.92	/	/	<=33	Pass
		Outer_Full	16.37	/	/	19.08	/	/	<=33	Pass
		Inner_Full	16.41	/	/	19.12	/	/	<=33	Pass
		Inner 1RB Left	16.36	/	/	19.07	/	/	<=33	Pass
		Inner 1RB Right	16.24	/	/	18.95	/	/	<=33	Pass
	2679.99	Edge 1RB Left	15.26	/	/	17.97	/	/	<=33	Pass
		Edge 1RB Right	15.84	/	/	18.55	/	/	<=33	Pass
		Outer_Full	15.63	/	/	18.34	/	/	<=33	Pass
		Inner_Full	15.71	/	/	18.42	/	/	<=33	Pass
		Inner 1RB Left	15.36	/	/	18.07	/	/	<=33	Pass
		Inner 1RB Right	15.81	/	/	18.52	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_30MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Edge 1RB Left	22.60	/	/	25.31	/	/	<=33	Pass
		Edge 1RB Right	22.47	/	/	25.18	/	/	<=33	Pass
		Outer Full	22.61	/	/	25.32	/	/	<=33	Pass
		Inner Full	23.16	/	/	25.87	/	/	<=33	Pass
		Inner 1RB Left	23.18	/	/	25.89	/	/	<=33	Pass
		Inner 1RB Right	23.02	/	/	25.73	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.29	/	/	25.00	/	/	<=33	Pass
		Edge 1RB Right	22.40	/	/	25.11	/	/	<=33	Pass
		Outer Full	22.43	/	/	25.14	/	/	<=33	Pass
		Inner Full	23.02	/	/	25.73	/	/	<=33	Pass
		Inner 1RB Left	22.84	/	/	25.55	/	/	<=33	Pass
		Inner 1RB Right	22.93	/	/	25.64	/	/	<=33	Pass
	2674.98	Edge 1RB Left	21.57	/	/	24.28	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	24.80	/	/	<=33	Pass
		Outer Full	21.72	/	/	24.43	/	/	<=33	Pass
		Inner Full	22.14	/	/	24.85	/	/	<=33	Pass
		Inner 1RB Left	22.14	/	/	24.85	/	/	<=33	Pass
		Inner 1RB Right	22.57	/	/	25.28	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Edge 1RB Left	22.16	/	/	24.87	/	/	<=33	Pass
		Edge 1RB Right	21.94	/	/	24.65	/	/	<=33	Pass
		Outer Full	22.15	/	/	24.86	/	/	<=33	Pass
		Inner Full	23.17	/	/	25.88	/	/	<=33	Pass
		Inner 1RB Left	23.12	/	/	25.83	/	/	<=33	Pass
		Inner 1RB Right	23.07	/	/	25.78	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.74	/	/	24.45	/	/	<=33	Pass
		Edge 1RB Right	21.88	/	/	24.59	/	/	<=33	Pass
		Outer Full	21.96	/	/	24.67	/	/	<=33	Pass
		Inner Full	22.98	/	/	25.69	/	/	<=33	Pass
		Inner 1RB Left	22.81	/	/	25.52	/	/	<=33	Pass
		Inner 1RB Right	22.95	/	/	25.66	/	/	<=33	Pass
	2674.98	Edge 1RB Left	21.12	/	/	23.83	/	/	<=33	Pass
		Edge 1RB Right	21.65	/	/	24.36	/	/	<=33	Pass
		Outer Full	21.24	/	/	23.95	/	/	<=33	Pass
		Inner Full	22.10	/	/	24.81	/	/	<=33	Pass
		Inner 1RB Left	22.11	/	/	24.82	/	/	<=33	Pass
		Inner 1RB Right	22.67	/	/	25.38	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge 1RB Left	21.10	/	/	23.81	/	/	<=33	Pass
		Edge 1RB Right	20.85	/	/	23.56	/	/	<=33	Pass
		Outer Full	21.17	/	/	23.88	/	/	<=33	Pass
		Inner Full	22.14	/	/	24.85	/	/	<=33	Pass
		Inner 1RB Left	22.12	/	/	24.83	/	/	<=33	Pass
		Inner 1RB Right	21.92	/	/	24.63	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.67	/	/	23.38	/	/	<=33	Pass
		Edge 1RB Right	20.83	/	/	23.54	/	/	<=33	Pass
		Outer Full	20.97	/	/	23.68	/	/	<=33	Pass
		Inner Full	21.98	/	/	24.69	/	/	<=33	Pass
		Inner 1RB Left	21.67	/	/	24.38	/	/	<=33	Pass
		Inner 1RB Right	21.82	/	/	24.53	/	/	<=33	Pass
	2674.98	Edge 1RB Left	20.15	/	/	22.86	/	/	<=33	Pass
		Edge 1RB Right	20.54	/	/	23.25	/	/	<=33	Pass
		Outer Full	20.24	/	/	22.95	/	/	<=33	Pass
		Inner Full	21.15	/	/	23.86	/	/	<=33	Pass
		Inner 1RB Left	20.97	/	/	23.68	/	/	<=33	Pass
		Inner 1RB Right	21.53	/	/	24.24	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2511	Edge 1RB Left	20.71	/	/	23.42	/	/	<=33	Pass
		Edge 1RB Right	20.54	/	/	23.25	/	/	<=33	Pass

		Outer_Full	20.65	/	/	23.36	/	/	<=33	Pass
		Inner_Full	20.73	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Left	20.67	/	/	23.38	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	23.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.38	/	/	23.09	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	23.21	/	/	<=33	Pass
		Outer_Full	20.52	/	/	23.23	/	/	<=33	Pass
		Inner_Full	20.55	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	23.29	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	19.76	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	20.24	/	/	22.95	/	/	<=33	Pass
		Outer_Full	19.74	/	/	22.45	/	/	<=33	Pass
		Inner_Full	19.67	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Left	19.75	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Right	20.25	/	/	22.96	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Edge_1RB_Left	18.60	/	/	21.31	/	/	<=33	Pass
		Edge_1RB_Right	18.41	/	/	21.12	/	/	<=33	Pass
		Outer_Full	18.61	/	/	21.32	/	/	<=33	Pass
		Inner_Full	18.57	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Left	18.54	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Right	18.36	/	/	21.07	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.21	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	18.31	/	/	21.02	/	/	<=33	Pass
		Outer_Full	18.50	/	/	21.21	/	/	<=33	Pass
		Inner_Full	18.45	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	18.23	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Right	18.35	/	/	21.06	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	17.51	/	/	20.22	/	/	<=33	Pass
		Edge_1RB_Right	18.04	/	/	20.75	/	/	<=33	Pass
		Outer_Full	17.73	/	/	20.44	/	/	<=33	Pass
		Inner_Full	17.57	/	/	20.28	/	/	<=33	Pass
		Inner_1RB_Left	17.47	/	/	20.18	/	/	<=33	Pass
		Inner_1RB_Right	18.01	/	/	20.72	/	/	<=33	Pass
CP-OFDM QPSK	2511	Edge_1RB_Left	20.16	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	22.79	/	/	<=33	Pass
		Outer_Full	20.06	/	/	22.77	/	/	<=33	Pass
		Inner_Full	21.59	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Right	21.48	/	/	24.19	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.81	/	/	22.52	/	/	<=33	Pass
		Edge_1RB_Right	19.98	/	/	22.69	/	/	<=33	Pass
		Outer_Full	19.98	/	/	22.69	/	/	<=33	Pass
		Inner_Full	21.50	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Left	21.31	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Right	21.42	/	/	24.13	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	19.11	/	/	21.82	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	22.39	/	/	<=33	Pass
		Outer_Full	19.23	/	/	21.94	/	/	<=33	Pass
		Inner_Full	20.62	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	20.54	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	23.82	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Edge_1RB_Left	20.02	/	/	22.73	/	/	<=33	Pass
		Edge_1RB_Right	19.89	/	/	22.60	/	/	<=33	Pass
		Outer_Full	20.18	/	/	22.89	/	/	<=33	Pass
		Inner_Full	21.13	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	20.97	/	/	23.68	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	23.58	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.67	/	/	22.38	/	/	<=33	Pass

		Edge_1RB_Right	19.80	/	/	22.51	/	/	<=33	Pass
		Outer_Full	20.01	/	/	22.72	/	/	<=33	Pass
		Inner_Full	21.01	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Right	20.83	/	/	23.54	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	19.06	/	/	21.77	/	/	<=33	Pass
		Edge_1RB_Right	19.58	/	/	22.29	/	/	<=33	Pass
		Outer_Full	19.27	/	/	21.98	/	/	<=33	Pass
		Inner_Full	20.16	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Left	20.00	/	/	22.71	/	/	<=33	Pass
	Inner_1RB_Right	20.47	/	/	23.18	/	/	<=33	Pass	
CP-OFDM 64 QAM	2511	Edge_1RB_Left	19.62	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	19.55	/	/	22.26	/	/	<=33	Pass
		Outer_Full	19.61	/	/	22.32	/	/	<=33	Pass
		Inner_Full	19.64	/	/	22.35	/	/	<=33	Pass
		Inner_1RB_Left	19.72	/	/	22.43	/	/	<=33	Pass
		Inner_1RB_Right	19.52	/	/	22.23	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.29	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	19.47	/	/	22.18	/	/	<=33	Pass
		Outer_Full	19.52	/	/	22.23	/	/	<=33	Pass
		Inner_Full	19.46	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	19.39	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	19.47	/	/	22.18	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	18.63	/	/	21.34	/	/	<=33	Pass
		Edge_1RB_Right	19.29	/	/	22.00	/	/	<=33	Pass
		Outer_Full	18.78	/	/	21.49	/	/	<=33	Pass
		Inner_Full	18.66	/	/	21.37	/	/	<=33	Pass
		Inner_1RB_Left	18.74	/	/	21.45	/	/	<=33	Pass
		Inner_1RB_Right	19.21	/	/	21.92	/	/	<=33	Pass
CP-OFDM 256 QAM	2511	Edge_1RB_Left	16.53	/	/	19.24	/	/	<=33	Pass
		Edge_1RB_Right	16.40	/	/	19.11	/	/	<=33	Pass
		Outer_Full	16.60	/	/	19.31	/	/	<=33	Pass
		Inner_Full	16.58	/	/	19.29	/	/	<=33	Pass
		Inner_1RB_Left	16.61	/	/	19.32	/	/	<=33	Pass
		Inner_1RB_Right	16.39	/	/	19.10	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	16.26	/	/	18.97	/	/	<=33	Pass
		Edge_1RB_Right	16.40	/	/	19.11	/	/	<=33	Pass
		Outer_Full	16.47	/	/	19.18	/	/	<=33	Pass
		Inner_Full	16.53	/	/	19.24	/	/	<=33	Pass
		Inner_1RB_Left	16.29	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Right	16.52	/	/	19.23	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	15.57	/	/	18.28	/	/	<=33	Pass
		Edge_1RB_Right	16.20	/	/	18.91	/	/	<=33	Pass
		Outer_Full	15.73	/	/	18.44	/	/	<=33	Pass
		Inner_Full	15.59	/	/	18.30	/	/	<=33	Pass
		Inner_1RB_Left	15.66	/	/	18.37	/	/	<=33	Pass
		Inner_1RB_Right	16.05	/	/	18.76	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_40MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Edge_1RB_Left	22.63	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	25.21	/	/	<=33	Pass
		Outer_Full	22.49	/	/	25.20	/	/	<=33	Pass

		Inner_Full	22.98	/	/	25.69	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	25.92	/	/	<=33	Pass
		Inner_1RB_Right	23.05	/	/	25.76	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.26	/	/	24.97	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	25.11	/	/	<=33	Pass
		Outer_Full	22.44	/	/	25.15	/	/	<=33	Pass
		Inner_Full	23.00	/	/	25.71	/	/	<=33	Pass
		Inner_1RB_Left	22.83	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	25.71	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.06	/	/	24.77	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	24.70	/	/	<=33	Pass
		Outer_Full	21.67	/	/	24.38	/	/	<=33	Pass
		Inner_Full	22.04	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Left	22.56	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	25.25	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Left	22.14	/	/	24.85	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	24.65	/	/	<=33	Pass
		Outer_Full	21.98	/	/	24.69	/	/	<=33	Pass
		Inner_Full	22.99	/	/	25.70	/	/	<=33	Pass
		Inner_1RB_Left	23.14	/	/	25.85	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	25.77	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.73	/	/	24.44	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	24.63	/	/	<=33	Pass
		Outer_Full	21.96	/	/	24.67	/	/	<=33	Pass
		Inner_Full	22.96	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Left	22.45	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	25.19	/	/	<=33	Pass
	2670	Edge_1RB_Left	21.62	/	/	24.33	/	/	<=33	Pass
		Edge_1RB_Right	21.52	/	/	24.23	/	/	<=33	Pass
		Outer_Full	21.21	/	/	23.92	/	/	<=33	Pass
		Inner_Full	22.01	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	22.63	/	/	25.34	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Left	21.03	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	23.52	/	/	<=33	Pass
		Outer_Full	20.99	/	/	23.70	/	/	<=33	Pass
		Inner_Full	21.99	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Left	22.12	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Right	21.92	/	/	24.63	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.70	/	/	23.41	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	23.63	/	/	<=33	Pass
		Outer_Full	20.91	/	/	23.62	/	/	<=33	Pass
		Inner_Full	22.05	/	/	24.76	/	/	<=33	Pass
		Inner_1RB_Left	21.65	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Right	21.87	/	/	24.58	/	/	<=33	Pass
	2670	Edge_1RB_Left	20.48	/	/	23.19	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	23.16	/	/	<=33	Pass
		Outer_Full	20.19	/	/	22.90	/	/	<=33	Pass
		Inner_Full	21.02	/	/	23.73	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	24.11	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Edge_1RB_Left	20.61	/	/	23.32	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	23.21	/	/	<=33	Pass
		Outer_Full	20.51	/	/	23.22	/	/	<=33	Pass
		Inner_Full	20.43	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	20.62	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Right	20.45	/	/	23.16	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.43	/	/	23.14	/	/	<=33	Pass
		Edge_1RB_Right	20.63	/	/	23.34	/	/	<=33	Pass

		Outer_Full	20.50	/	/	23.21	/	/	<=33	Pass
		Inner_Full	20.48	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	20.63	/	/	23.34	/	/	<=33	Pass
	2670	Edge_1RB_Left	20.16	/	/	22.87	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	22.74	/	/	<=33	Pass
		Outer_Full	19.74	/	/	22.45	/	/	<=33	Pass
		Inner_Full	19.53	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Left	20.10	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Right	20.03	/	/	22.74	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Edge_1RB_Left	18.58	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	18.35	/	/	21.06	/	/	<=33	Pass
		Outer_Full	18.46	/	/	21.17	/	/	<=33	Pass
		Inner_Full	18.47	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	18.53	/	/	21.24	/	/	<=33	Pass
		Inner_1RB_Right	18.36	/	/	21.07	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.17	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	18.33	/	/	21.04	/	/	<=33	Pass
		Outer_Full	18.43	/	/	21.14	/	/	<=33	Pass
		Inner_Full	18.48	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	18.17	/	/	20.88	/	/	<=33	Pass
		Inner_1RB_Right	18.35	/	/	21.06	/	/	<=33	Pass
	2670	Edge_1RB_Left	17.96	/	/	20.67	/	/	<=33	Pass
		Edge_1RB_Right	17.86	/	/	20.57	/	/	<=33	Pass
		Outer_Full	17.76	/	/	20.47	/	/	<=33	Pass
		Inner_Full	17.49	/	/	20.20	/	/	<=33	Pass
		Inner_1RB_Left	17.94	/	/	20.65	/	/	<=33	Pass
		Inner_1RB_Right	17.89	/	/	20.60	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Edge_1RB_Left	20.20	/	/	22.91	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	22.77	/	/	<=33	Pass
		Outer_Full	19.92	/	/	22.63	/	/	<=33	Pass
		Inner_Full	21.47	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	24.35	/	/	<=33	Pass
		Inner_1RB_Right	21.43	/	/	24.14	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.86	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	22.74	/	/	<=33	Pass
		Outer_Full	19.87	/	/	22.58	/	/	<=33	Pass
		Inner_Full	21.45	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Left	21.18	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	21.37	/	/	24.08	/	/	<=33	Pass
	2670	Edge_1RB_Left	19.67	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	19.54	/	/	22.25	/	/	<=33	Pass
		Outer_Full	19.24	/	/	21.95	/	/	<=33	Pass
		Inner_Full	20.52	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	23.78	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge_1RB_Left	20.05	/	/	22.76	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	22.58	/	/	<=33	Pass
		Outer_Full	19.92	/	/	22.63	/	/	<=33	Pass
		Inner_Full	20.91	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	23.63	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.65	/	/	22.36	/	/	<=33	Pass
		Edge_1RB_Right	19.87	/	/	22.58	/	/	<=33	Pass
		Outer_Full	19.97	/	/	22.68	/	/	<=33	Pass
		Inner_Full	20.98	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	20.70	/	/	23.41	/	/	<=33	Pass
		Inner_1RB_Right	20.91	/	/	23.62	/	/	<=33	Pass
	2670	Edge_1RB_Left	19.44	/	/	22.15	/	/	<=33	Pass

		Edge_1RB_Right	19.47	/	/	22.18	/	/	<=33	Pass	
		Outer_Full	19.21	/	/	21.92	/	/	<=33	Pass	
		Inner_Full	20.02	/	/	22.73	/	/	<=33	Pass	
		Inner_1RB_Left	20.51	/	/	23.22	/	/	<=33	Pass	
		Inner_1RB_Right	20.45	/	/	23.16	/	/	<=33	Pass	
CP-OFDM 64 QAM	2516.01	Edge_1RB_Left	19.68	/	/	22.39	/	/	<=33	Pass	
		Edge_1RB_Right	19.55	/	/	22.26	/	/	<=33	Pass	
		Outer_Full	19.48	/	/	22.19	/	/	<=33	Pass	
		Inner_Full	19.45	/	/	22.16	/	/	<=33	Pass	
		Inner_1RB_Left	19.76	/	/	22.47	/	/	<=33	Pass	
		Inner_1RB_Right	19.53	/	/	22.24	/	/	<=33	Pass	
		Edge_1RB_Left	19.36	/	/	22.07	/	/	<=33	Pass	
	2592.99	Edge_1RB_Right	19.58	/	/	22.29	/	/	<=33	Pass	
		Outer_Full	19.51	/	/	22.22	/	/	<=33	Pass	
		Inner_Full	19.46	/	/	22.17	/	/	<=33	Pass	
		Inner_1RB_Left	19.29	/	/	22.00	/	/	<=33	Pass	
		Inner_1RB_Right	19.50	/	/	22.21	/	/	<=33	Pass	
	2670	Edge_1RB_Left	19.12	/	/	21.83	/	/	<=33	Pass	
		Edge_1RB_Right	19.05	/	/	21.76	/	/	<=33	Pass	
		Outer_Full	18.74	/	/	21.45	/	/	<=33	Pass	
		Inner_Full	18.57	/	/	21.28	/	/	<=33	Pass	
		Inner_1RB_Left	19.13	/	/	21.84	/	/	<=33	Pass	
	CP-OFDM 256 QAM	2516.01	Inner_1RB_Right	19.18	/	/	21.89	/	/	<=33	Pass
			Edge_1RB_Left	16.73	/	/	19.44	/	/	<=33	Pass
			Edge_1RB_Right	16.54	/	/	19.25	/	/	<=33	Pass
Outer_Full			16.42	/	/	19.13	/	/	<=33	Pass	
Inner_Full			16.52	/	/	19.23	/	/	<=33	Pass	
Inner_1RB_Left			16.69	/	/	19.40	/	/	<=33	Pass	
2592.99		Inner_1RB_Right	16.50	/	/	19.21	/	/	<=33	Pass	
		Edge_1RB_Left	16.21	/	/	18.92	/	/	<=33	Pass	
		Edge_1RB_Right	16.41	/	/	19.12	/	/	<=33	Pass	
		Outer_Full	16.43	/	/	19.14	/	/	<=33	Pass	
		Inner_Full	16.55	/	/	19.26	/	/	<=33	Pass	
		Inner_1RB_Left	16.28	/	/	18.99	/	/	<=33	Pass	
2670		Inner_1RB_Right	16.34	/	/	19.05	/	/	<=33	Pass	
		Edge_1RB_Left	16.01	/	/	18.72	/	/	<=33	Pass	
		Edge_1RB_Right	16.00	/	/	18.71	/	/	<=33	Pass	
		Outer_Full	15.74	/	/	18.45	/	/	<=33	Pass	
		Inner_Full	15.54	/	/	18.25	/	/	<=33	Pass	
		Inner_1RB_Left	16.02	/	/	18.73	/	/	<=33	Pass	
		Inner_1RB_Right	16.00	/	/	18.71	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 30k_SISO_50MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Edge_1RB_Left	22.54	/	/	25.25	/	/	<=33	Pass
		Edge_1RB_Right	22.69	/	/	25.40	/	/	<=33	Pass
		Outer_Full	22.57	/	/	25.28	/	/	<=33	Pass
		Inner_Full	22.94	/	/	25.65	/	/	<=33	Pass
		Inner_1RB_Left	23.08	/	/	25.79	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	25.92	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.13	/	/	24.84	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	25.09	/	/	<=33	Pass
		Outer_Full	22.33	/	/	25.04	/	/	<=33	Pass

		Inner_Full	22.89	/	/	25.60	/	/	<=33	Pass
		Inner_1RB_Left	6.50	/	/	9.21	/	/	<=33	Pass
		Inner_1RB_Right	22.94	/	/	25.65	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.24	/	/	24.95	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	24.67	/	/	<=33	Pass
		Outer_Full	21.77	/	/	24.48	/	/	<=33	Pass
		Inner_Full	22.13	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	22.73	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	25.19	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	22.06	/	/	24.77	/	/	<=33	Pass
		Edge_1RB_Right	22.12	/	/	24.83	/	/	<=33	Pass
		Outer_Full	22.05	/	/	24.76	/	/	<=33	Pass
		Inner_Full	22.95	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	23.00	/	/	25.71	/	/	<=33	Pass
		Inner_1RB_Right	23.24	/	/	25.95	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.68	/	/	24.39	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	24.56	/	/	<=33	Pass
		Outer_Full	21.86	/	/	24.57	/	/	<=33	Pass
		Inner_Full	22.91	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	22.63	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Right	22.90	/	/	25.61	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	21.77	/	/	24.48	/	/	<=33	Pass
		Edge_1RB_Right	21.47	/	/	24.18	/	/	<=33	Pass
		Outer_Full	21.30	/	/	24.01	/	/	<=33	Pass
		Inner_Full	22.13	/	/	24.84	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	25.21	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Edge_1RB_Left	21.08	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	21.16	/	/	23.87	/	/	<=33	Pass
		Outer_Full	21.09	/	/	23.80	/	/	<=33	Pass
		Inner_Full	21.96	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	21.98	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Right	22.06	/	/	24.77	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.58	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	23.57	/	/	<=33	Pass
		Outer_Full	20.85	/	/	23.56	/	/	<=33	Pass
		Inner_Full	21.89	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Left	21.55	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	24.45	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	20.65	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	23.06	/	/	<=33	Pass
		Outer_Full	20.32	/	/	23.03	/	/	<=33	Pass
		Inner_Full	21.10	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Right	21.36	/	/	24.07	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	20.68	/	/	23.39	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	23.53	/	/	<=33	Pass
		Outer_Full	20.50	/	/	23.21	/	/	<=33	Pass
		Inner_Full	20.46	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Left	20.65	/	/	23.36	/	/	<=33	Pass
		Inner_1RB_Right	20.87	/	/	23.58	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.26	/	/	22.97	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	23.24	/	/	<=33	Pass
		Outer_Full	20.27	/	/	22.98	/	/	<=33	Pass
		Inner_Full	20.44	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Left	20.28	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	23.25	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	20.23	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	22.72	/	/	<=33	Pass

		Outer_Full	19.77	/	/	22.48	/	/	<=33	Pass
		Inner_Full	19.68	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Left	20.34	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	20.04	/	/	22.75	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Edge_1RB_Left	18.45	/	/	21.16	/	/	<=33	Pass
		Edge_1RB_Right	18.58	/	/	21.29	/	/	<=33	Pass
		Outer_Full	18.55	/	/	21.26	/	/	<=33	Pass
		Inner_Full	18.43	/	/	21.14	/	/	<=33	Pass
		Inner_1RB_Left	18.40	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Right	18.56	/	/	21.27	/	/	<=33	Pass
		Edge_1RB_Left	18.05	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	18.24	/	/	20.95	/	/	<=33	Pass
	2592.99	Outer_Full	18.35	/	/	21.06	/	/	<=33	Pass
		Inner_Full	18.38	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Left	18.05	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	18.24	/	/	20.95	/	/	<=33	Pass
		Edge_1RB_Left	18.17	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	17.86	/	/	20.57	/	/	<=33	Pass
	2664.99	Outer_Full	17.78	/	/	20.49	/	/	<=33	Pass
		Inner_Full	17.59	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Left	18.14	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	17.88	/	/	20.59	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Edge_1RB_Left	20.03	/	/	22.74	/	/	<=33	Pass
		Edge_1RB_Right	20.27	/	/	22.98	/	/	<=33	Pass
		Outer_Full	20.02	/	/	22.73	/	/	<=33	Pass
		Inner_Full	21.43	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Left	21.53	/	/	24.24	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	24.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.64	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	19.97	/	/	22.68	/	/	<=33	Pass
		Outer_Full	19.86	/	/	22.57	/	/	<=33	Pass
		Inner_Full	21.38	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	21.11	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Right	21.34	/	/	24.05	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	19.84	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	19.62	/	/	22.33	/	/	<=33	Pass
		Outer_Full	19.32	/	/	22.03	/	/	<=33	Pass
		Inner_Full	20.62	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	21.23	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	23.71	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge_1RB_Left	19.96	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	20.08	/	/	22.79	/	/	<=33	Pass
		Outer_Full	20.02	/	/	22.73	/	/	<=33	Pass
		Inner_Full	20.95	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	21.04	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	23.86	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.47	/	/	22.18	/	/	<=33	Pass
		Edge_1RB_Right	19.76	/	/	22.47	/	/	<=33	Pass
		Outer_Full	19.82	/	/	22.53	/	/	<=33	Pass
		Inner_Full	20.91	/	/	23.62	/	/	<=33	Pass
		Inner_1RB_Left	20.60	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Right	20.83	/	/	23.54	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	19.71	/	/	22.42	/	/	<=33	Pass
		Edge_1RB_Right	19.38	/	/	22.09	/	/	<=33	Pass
		Outer_Full	19.29	/	/	22.00	/	/	<=33	Pass
		Inner_Full	20.05	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Left	20.71	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	23.14	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.02	Edge_1RB_Left	19.57	/	/	22.28	/	/	<=33	Pass

		Edge 1RB Right	19.73	/	/	22.44	/	/	<=33	Pass
		Outer_Full	19.51	/	/	22.22	/	/	<=33	Pass
		Inner_Full	19.49	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Left	19.59	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	19.77	/	/	22.48	/	/	<=33	Pass
	2592.99	Edge 1RB Left	19.22	/	/	21.93	/	/	<=33	Pass
		Edge 1RB Right	19.43	/	/	22.14	/	/	<=33	Pass
		Outer_Full	19.40	/	/	22.11	/	/	<=33	Pass
		Inner_Full	19.42	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Left	19.26	/	/	21.97	/	/	<=33	Pass
	2664.99	Inner_1RB_Right	19.58	/	/	22.29	/	/	<=33	Pass
		Edge 1RB Left	19.33	/	/	22.04	/	/	<=33	Pass
		Edge 1RB Right	19.09	/	/	21.80	/	/	<=33	Pass
		Outer_Full	18.82	/	/	21.53	/	/	<=33	Pass
		Inner_Full	18.60	/	/	21.31	/	/	<=33	Pass
CP-OFDM 256 QAM	2521.02	Inner_1RB_Left	19.40	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	19.19	/	/	21.90	/	/	<=33	Pass
		Edge 1RB Left	16.52	/	/	19.23	/	/	<=33	Pass
		Edge 1RB Right	16.75	/	/	19.46	/	/	<=33	Pass
		Outer_Full	16.54	/	/	19.25	/	/	<=33	Pass
	2592.99	Inner_Full	16.43	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Left	16.52	/	/	19.23	/	/	<=33	Pass
		Inner_1RB_Right	16.67	/	/	19.38	/	/	<=33	Pass
		Edge 1RB Left	16.04	/	/	18.75	/	/	<=33	Pass
		Edge 1RB Right	16.35	/	/	19.06	/	/	<=33	Pass
	2664.99	Outer_Full	16.32	/	/	19.03	/	/	<=33	Pass
		Inner_Full	16.42	/	/	19.13	/	/	<=33	Pass
		Inner_1RB_Left	16.09	/	/	18.80	/	/	<=33	Pass
		Inner_1RB_Right	16.41	/	/	19.12	/	/	<=33	Pass
		Edge 1RB Left	16.28	/	/	18.99	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_60MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2526	Edge 1RB Left	22.46	/	/	25.17	/	/	<=33	Pass
		Edge 1RB Right	22.59	/	/	25.30	/	/	<=33	Pass
		Outer Full	22.44	/	/	25.15	/	/	<=33	Pass
		Inner Full	22.92	/	/	25.63	/	/	<=33	Pass
		Inner 1RB Left	22.98	/	/	25.69	/	/	<=33	Pass
		Inner 1RB Right	23.15	/	/	25.86	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.32	/	/	25.03	/	/	<=33	Pass
		Edge 1RB Right	22.34	/	/	25.05	/	/	<=33	Pass
		Outer Full	22.38	/	/	25.09	/	/	<=33	Pass
		Inner Full	22.88	/	/	25.59	/	/	<=33	Pass
		Inner 1RB Left	22.80	/	/	25.51	/	/	<=33	Pass
		Inner 1RB Right	22.85	/	/	25.56	/	/	<=33	Pass
	2659.98	Edge 1RB Left	22.29	/	/	25.00	/	/	<=33	Pass
		Edge 1RB Right	21.84	/	/	24.55	/	/	<=33	Pass
		Outer Full	21.89	/	/	24.60	/	/	<=33	Pass

		Inner_Full	22.21	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	22.04	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Right	22.35	/	/	25.06	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Edge_1RB_Left	21.98	/	/	24.69	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	24.85	/	/	<=33	Pass
		Outer_Full	21.96	/	/	24.67	/	/	<=33	Pass
		Inner_Full	22.96	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	25.85	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.73	/	/	24.44	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	24.48	/	/	<=33	Pass
		Outer_Full	21.81	/	/	24.52	/	/	<=33	Pass
		Inner_Full	22.90	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	22.76	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	25.54	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.78	/	/	24.49	/	/	<=33	Pass
		Edge_1RB_Right	21.43	/	/	24.14	/	/	<=33	Pass
		Outer_Full	21.40	/	/	24.11	/	/	<=33	Pass
		Inner_Full	22.19	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	22.77	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	25.05	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	20.87	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	23.76	/	/	<=33	Pass
		Outer_Full	20.97	/	/	23.68	/	/	<=33	Pass
		Inner_Full	21.98	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	21.84	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	21.95	/	/	24.66	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.64	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	23.46	/	/	<=33	Pass
		Outer_Full	20.82	/	/	23.53	/	/	<=33	Pass
		Inner_Full	21.87	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	24.32	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.73	/	/	23.44	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	23.03	/	/	<=33	Pass
		Outer_Full	20.45	/	/	23.16	/	/	<=33	Pass
		Inner_Full	21.19	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Left	21.77	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Right	21.27	/	/	23.98	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Edge_1RB_Left	20.64	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	23.42	/	/	<=33	Pass
		Outer_Full	20.54	/	/	23.25	/	/	<=33	Pass
		Inner_Full	20.48	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Left	20.58	/	/	23.29	/	/	<=33	Pass
		Inner_1RB_Right	20.79	/	/	23.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.39	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	23.24	/	/	<=33	Pass
		Outer_Full	20.34	/	/	23.05	/	/	<=33	Pass
		Inner_Full	20.42	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	20.36	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	20.51	/	/	23.22	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.39	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	19.96	/	/	22.67	/	/	<=33	Pass
		Outer_Full	19.92	/	/	22.63	/	/	<=33	Pass
		Inner_Full	19.73	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Left	20.40	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Right	19.97	/	/	22.68	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	18.39	/	/	21.10	/	/	<=33	Pass
		Edge_1RB_Right	18.46	/	/	21.17	/	/	<=33	Pass

		Outer_Full	18.52	/	/	21.23	/	/	<=33	Pass
		Inner_Full	18.50	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Left	18.37	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Right	18.45	/	/	21.16	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.15	/	/	20.86	/	/	<=33	Pass
		Edge_1RB_Right	18.20	/	/	20.91	/	/	<=33	Pass
		Outer_Full	18.32	/	/	21.03	/	/	<=33	Pass
		Inner_Full	18.36	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	18.14	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	18.15	/	/	20.86	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	18.21	/	/	20.92	/	/	<=33	Pass
		Edge_1RB_Right	17.82	/	/	20.53	/	/	<=33	Pass
		Outer_Full	17.93	/	/	20.64	/	/	<=33	Pass
		Inner_Full	17.69	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	18.20	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Right	17.76	/	/	20.47	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	19.97	/	/	22.68	/	/	<=33	Pass
		Edge_1RB_Right	20.14	/	/	22.85	/	/	<=33	Pass
		Outer_Full	19.98	/	/	22.69	/	/	<=33	Pass
		Inner_Full	21.44	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	21.57	/	/	24.28	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.74	/	/	22.45	/	/	<=33	Pass
		Edge_1RB_Right	19.90	/	/	22.61	/	/	<=33	Pass
		Outer_Full	19.84	/	/	22.55	/	/	<=33	Pass
		Inner_Full	21.36	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	21.44	/	/	24.15	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	19.83	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	19.47	/	/	22.18	/	/	<=33	Pass
		Outer_Full	19.36	/	/	22.07	/	/	<=33	Pass
		Inner_Full	20.69	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Left	21.38	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	23.61	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	19.85	/	/	22.56	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	22.77	/	/	<=33	Pass
		Outer_Full	19.94	/	/	22.65	/	/	<=33	Pass
		Inner_Full	20.95	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	20.89	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	23.72	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.69	/	/	22.40	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	22.54	/	/	<=33	Pass
		Outer_Full	19.82	/	/	22.53	/	/	<=33	Pass
		Inner_Full	20.86	/	/	23.57	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	20.84	/	/	23.55	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	19.68	/	/	22.39	/	/	<=33	Pass
		Edge_1RB_Right	19.30	/	/	22.01	/	/	<=33	Pass
		Outer_Full	19.47	/	/	22.18	/	/	<=33	Pass
		Inner_Full	20.20	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	23.00	/	/	<=33	Pass
CP-OFDM 64 QAM	2526	Edge_1RB_Left	19.50	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	19.71	/	/	22.42	/	/	<=33	Pass
		Outer_Full	19.52	/	/	22.23	/	/	<=33	Pass
		Inner_Full	19.44	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Left	19.47	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Right	19.64	/	/	22.35	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.18	/	/	21.89	/	/	<=33	Pass

		Edge 1RB Right	19.44	/	/	22.15	/	/	<=33	Pass	
		Outer Full	19.33	/	/	22.04	/	/	<=33	Pass	
		Inner Full	19.41	/	/	22.12	/	/	<=33	Pass	
		Inner 1RB Left	19.27	/	/	21.98	/	/	<=33	Pass	
		Inner 1RB Right	19.42	/	/	22.13	/	/	<=33	Pass	
	2659.98	Edge 1RB Left	19.37	/	/	22.08	/	/	<=33	Pass	
		Edge 1RB Right	18.95	/	/	21.66	/	/	<=33	Pass	
		Outer Full	18.98	/	/	21.69	/	/	<=33	Pass	
		Inner Full	18.77	/	/	21.48	/	/	<=33	Pass	
		Inner 1RB Left	19.38	/	/	22.09	/	/	<=33	Pass	
	CP-OFDM 256 QAM	2526	Inner 1RB Right	18.98	/	/	21.69	/	/	<=33	Pass
			Edge 1RB Left	16.47	/	/	19.18	/	/	<=33	Pass
			Edge 1RB Right	16.65	/	/	19.36	/	/	<=33	Pass
			Outer Full	16.49	/	/	19.20	/	/	<=33	Pass
Inner Full			16.47	/	/	19.18	/	/	<=33	Pass	
Inner 1RB Left			16.58	/	/	19.29	/	/	<=33	Pass	
2592.99		Inner 1RB Right	16.64	/	/	19.35	/	/	<=33	Pass	
		Edge 1RB Left	16.28	/	/	18.99	/	/	<=33	Pass	
		Edge 1RB Right	16.33	/	/	19.04	/	/	<=33	Pass	
		Outer Full	16.40	/	/	19.11	/	/	<=33	Pass	
		Inner Full	16.42	/	/	19.13	/	/	<=33	Pass	
		Inner 1RB Left	16.20	/	/	18.91	/	/	<=33	Pass	
2659.98		Inner 1RB Right	16.40	/	/	19.11	/	/	<=33	Pass	
		Edge 1RB Left	16.27	/	/	18.98	/	/	<=33	Pass	
	Edge 1RB Right	15.84	/	/	18.55	/	/	<=33	Pass		
	Outer Full	15.92	/	/	18.63	/	/	<=33	Pass		
	Inner Full	15.67	/	/	18.38	/	/	<=33	Pass		
	Inner 1RB Left	16.40	/	/	19.11	/	/	<=33	Pass		
	Inner 1RB Right	16.00	/	/	18.71	/	/	<=33	Pass		
Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30k_SISO_80MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Edge 1RB Left	22.30	/	/	25.01	/	/	<=33	Pass
		Edge 1RB Right	21.95	/	/	24.66	/	/	<=33	Pass
		Outer Full	22.23	/	/	24.94	/	/	<=33	Pass
		Inner Full	22.86	/	/	25.57	/	/	<=33	Pass
		Inner 1RB Left	22.83	/	/	25.54	/	/	<=33	Pass
		Inner 1RB Right	22.51	/	/	25.22	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.55	/	/	25.26	/	/	<=33	Pass
		Edge 1RB Right	22.21	/	/	24.92	/	/	<=33	Pass
		Outer Full	22.27	/	/	24.98	/	/	<=33	Pass
		Inner Full	22.82	/	/	25.53	/	/	<=33	Pass
		Inner 1RB Left	23.04	/	/	25.75	/	/	<=33	Pass
		Inner 1RB Right	22.72	/	/	25.43	/	/	<=33	Pass
	2649.99	Edge 1RB Left	22.14	/	/	24.85	/	/	<=33	Pass
		Edge 1RB Right	21.71	/	/	24.42	/	/	<=33	Pass
		Outer Full	21.99	/	/	24.70	/	/	<=33	Pass
		Inner Full	22.41	/	/	25.12	/	/	<=33	Pass
		Inner 1RB Left	22.69	/	/	25.40	/	/	<=33	Pass
		Inner 1RB Right	22.29	/	/	25.00	/	/	<=33	Pass
DFT-s-OFDM QPSK	2536.02	Edge 1RB Left	21.79	/	/	24.50	/	/	<=33	Pass
		Edge 1RB Right	21.42	/	/	24.13	/	/	<=33	Pass
		Outer Full	21.76	/	/	24.47	/	/	<=33	Pass

		Inner_Full	22.83	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	22.85	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Right	22.49	/	/	25.20	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.04	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	24.46	/	/	<=33	Pass
		Outer_Full	21.84	/	/	24.55	/	/	<=33	Pass
		Inner_Full	22.83	/	/	25.54	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	25.44	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.62	/	/	24.33	/	/	<=33	Pass
		Edge_1RB_Right	21.23	/	/	23.94	/	/	<=33	Pass
		Outer_Full	21.41	/	/	24.12	/	/	<=33	Pass
		Inner_Full	22.45	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Left	22.65	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Right	22.21	/	/	24.92	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2536.02	Edge_1RB_Left	20.66	/	/	23.37	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	23.07	/	/	<=33	Pass
		Outer_Full	20.76	/	/	23.47	/	/	<=33	Pass
		Inner_Full	21.83	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	21.37	/	/	24.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.99	/	/	23.70	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	23.41	/	/	<=33	Pass
		Outer_Full	20.80	/	/	23.51	/	/	<=33	Pass
		Inner_Full	21.77	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Right	21.63	/	/	24.34	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	20.50	/	/	23.21	/	/	<=33	Pass
		Edge_1RB_Right	20.16	/	/	22.87	/	/	<=33	Pass
		Outer_Full	20.44	/	/	23.15	/	/	<=33	Pass
		Inner_Full	21.38	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	24.20	/	/	<=33	Pass
		Inner_1RB_Right	21.11	/	/	23.82	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge_1RB_Left	20.30	/	/	23.01	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	22.77	/	/	<=33	Pass
		Outer_Full	20.25	/	/	22.96	/	/	<=33	Pass
		Inner_Full	20.34	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Right	20.08	/	/	22.79	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.65	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	20.28	/	/	22.99	/	/	<=33	Pass
		Outer_Full	20.35	/	/	23.06	/	/	<=33	Pass
		Inner_Full	20.30	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	20.61	/	/	23.32	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	23.06	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	20.28	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Right	19.92	/	/	22.63	/	/	<=33	Pass
		Outer_Full	20.01	/	/	22.72	/	/	<=33	Pass
		Inner_Full	19.92	/	/	22.63	/	/	<=33	Pass
		Inner_1RB_Left	20.27	/	/	22.98	/	/	<=33	Pass
		Inner_1RB_Right	19.88	/	/	22.59	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge_1RB_Left	18.26	/	/	20.97	/	/	<=33	Pass
		Edge_1RB_Right	17.87	/	/	20.58	/	/	<=33	Pass
		Outer_Full	18.27	/	/	20.98	/	/	<=33	Pass
		Inner_Full	18.29	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Left	18.20	/	/	20.91	/	/	<=33	Pass
		Inner_1RB_Right	17.83	/	/	20.54	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.50	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	18.17	/	/	20.88	/	/	<=33	Pass

		Outer_Full	18.36	/	/	21.07	/	/	<=33	Pass
		Inner_Full	18.34	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	18.51	/	/	21.22	/	/	<=33	Pass
		Inner_1RB_Right	18.16	/	/	20.87	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	18.04	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	17.67	/	/	20.38	/	/	<=33	Pass
		Outer_Full	17.98	/	/	20.69	/	/	<=33	Pass
		Inner_Full	17.94	/	/	20.65	/	/	<=33	Pass
		Inner_1RB_Left	18.10	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Right	17.66	/	/	20.37	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Edge_1RB_Left	19.77	/	/	22.48	/	/	<=33	Pass
		Edge_1RB_Right	19.49	/	/	22.20	/	/	<=33	Pass
		Outer_Full	19.76	/	/	22.47	/	/	<=33	Pass
		Inner_Full	21.34	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	21.32	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	23.72	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.09	/	/	22.80	/	/	<=33	Pass
		Edge_1RB_Right	19.75	/	/	22.46	/	/	<=33	Pass
		Outer_Full	19.79	/	/	22.50	/	/	<=33	Pass
		Inner_Full	21.31	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Left	21.55	/	/	24.26	/	/	<=33	Pass
		Inner_1RB_Right	21.21	/	/	23.92	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	19.64	/	/	22.35	/	/	<=33	Pass
		Edge_1RB_Right	19.29	/	/	22.00	/	/	<=33	Pass
		Outer_Full	19.45	/	/	22.16	/	/	<=33	Pass
		Inner_Full	20.90	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Right	20.83	/	/	23.54	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge_1RB_Left	19.62	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	19.27	/	/	21.98	/	/	<=33	Pass
		Outer_Full	19.74	/	/	22.45	/	/	<=33	Pass
		Inner_Full	20.78	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Left	20.74	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	23.09	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.98	/	/	22.69	/	/	<=33	Pass
		Edge_1RB_Right	19.64	/	/	22.35	/	/	<=33	Pass
		Outer_Full	19.80	/	/	22.51	/	/	<=33	Pass
		Inner_Full	20.76	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	20.93	/	/	23.64	/	/	<=33	Pass
		Inner_1RB_Right	20.66	/	/	23.37	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	19.40	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	19.11	/	/	21.82	/	/	<=33	Pass
		Outer_Full	19.45	/	/	22.16	/	/	<=33	Pass
		Inner_Full	20.40	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	20.59	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	23.00	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Edge_1RB_Left	19.39	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	21.76	/	/	<=33	Pass
		Outer_Full	19.31	/	/	22.02	/	/	<=33	Pass
		Inner_Full	19.29	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	19.44	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Right	18.99	/	/	21.70	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.57	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Right	19.23	/	/	21.94	/	/	<=33	Pass
		Outer_Full	19.33	/	/	22.04	/	/	<=33	Pass
		Inner_Full	19.27	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	19.66	/	/	22.37	/	/	<=33	Pass
		Inner_1RB_Right	19.35	/	/	22.06	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	19.23	/	/	21.94	/	/	<=33	Pass

		Edge 1RB Right	18.81	/	/	21.52	/	/	<=33	Pass	
		Outer Full	18.95	/	/	21.66	/	/	<=33	Pass	
		Inner Full	18.90	/	/	21.61	/	/	<=33	Pass	
		Inner 1RB Left	19.23	/	/	21.94	/	/	<=33	Pass	
		Inner 1RB Right	18.95	/	/	21.66	/	/	<=33	Pass	
CP-OFDM 256 QAM	2536.02	Edge 1RB Left	16.28	/	/	18.99	/	/	<=33	Pass	
		Edge 1RB Right	16.01	/	/	18.72	/	/	<=33	Pass	
		Outer Full	16.23	/	/	18.94	/	/	<=33	Pass	
		Inner Full	16.35	/	/	19.06	/	/	<=33	Pass	
		Inner 1RB Left	16.33	/	/	19.04	/	/	<=33	Pass	
		Inner 1RB Right	16.07	/	/	18.78	/	/	<=33	Pass	
	2592.99	Edge 1RB Left	16.48	/	/	19.19	/	/	<=33	Pass	
		Edge 1RB Right	16.16	/	/	18.87	/	/	<=33	Pass	
		Outer Full	16.27	/	/	18.98	/	/	<=33	Pass	
		Inner Full	16.35	/	/	19.06	/	/	<=33	Pass	
		Inner 1RB Left	16.52	/	/	19.23	/	/	<=33	Pass	
		Inner 1RB Right	16.22	/	/	18.93	/	/	<=33	Pass	
	2649.99	Edge 1RB Left	16.13	/	/	18.84	/	/	<=33	Pass	
		Edge 1RB Right	15.72	/	/	18.43	/	/	<=33	Pass	
		Outer Full	15.91	/	/	18.62	/	/	<=33	Pass	
		Inner Full	15.91	/	/	18.62	/	/	<=33	Pass	
		Inner 1RB Left	16.12	/	/	18.83	/	/	<=33	Pass	
		Inner 1RB Right	15.70	/	/	18.41	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_90MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Edge 1RB Left	22.28	/	/	24.99	/	/	<=33	Pass
		Edge 1RB Right	22.12	/	/	24.83	/	/	<=33	Pass
		Outer Full	22.26	/	/	24.97	/	/	<=33	Pass
		Inner Full	22.99	/	/	25.70	/	/	<=33	Pass
		Inner 1RB Left	22.68	/	/	25.39	/	/	<=33	Pass
		Inner 1RB Right	22.85	/	/	25.56	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.50	/	/	25.21	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	24.95	/	/	<=33	Pass
		Outer Full	22.27	/	/	24.98	/	/	<=33	Pass
		Inner Full	22.76	/	/	25.47	/	/	<=33	Pass
		Inner 1RB Left	23.05	/	/	25.76	/	/	<=33	Pass
		Inner 1RB Right	22.78	/	/	25.49	/	/	<=33	Pass
	2644.98	Edge 1RB Left	22.21	/	/	24.92	/	/	<=33	Pass
		Edge 1RB Right	21.84	/	/	24.55	/	/	<=33	Pass
		Outer Full	22.05	/	/	24.76	/	/	<=33	Pass
		Inner Full	22.66	/	/	25.37	/	/	<=33	Pass
		Inner 1RB Left	22.80	/	/	25.51	/	/	<=33	Pass
		Inner 1RB Right	22.45	/	/	25.16	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Edge 1RB Left	21.81	/	/	24.52	/	/	<=33	Pass
		Edge 1RB Right	21.87	/	/	24.58	/	/	<=33	Pass
		Outer Full	21.79	/	/	24.50	/	/	<=33	Pass
		Inner Full	23.04	/	/	25.75	/	/	<=33	Pass
		Inner 1RB Left	22.85	/	/	25.56	/	/	<=33	Pass
		Inner 1RB Right	22.86	/	/	25.57	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.07	/	/	24.78	/	/	<=33	Pass
		Edge 1RB Right	21.77	/	/	24.48	/	/	<=33	Pass
		Outer Full	21.83	/	/	24.54	/	/	<=33	Pass

		Inner_Full	22.84	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	25.77	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	25.52	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	21.69	/	/	24.40	/	/	<=33	Pass
		Edge_1RB_Right	21.40	/	/	24.11	/	/	<=33	Pass
		Outer_Full	21.59	/	/	24.30	/	/	<=33	Pass
		Inner_Full	22.65	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Right	22.42	/	/	25.13	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge_1RB_Left	20.78	/	/	23.49	/	/	<=33	Pass
		Edge_1RB_Right	20.74	/	/	23.45	/	/	<=33	Pass
		Outer_Full	20.87	/	/	23.58	/	/	<=33	Pass
		Inner_Full	22.01	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	24.41	/	/	<=33	Pass
		Inner_1RB_Right	21.68	/	/	24.39	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.89	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	20.66	/	/	23.37	/	/	<=33	Pass
		Outer_Full	20.82	/	/	23.53	/	/	<=33	Pass
		Inner_Full	21.87	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	24.40	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	20.67	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	23.20	/	/	<=33	Pass
		Outer_Full	20.61	/	/	23.32	/	/	<=33	Pass
		Inner_Full	21.69	/	/	24.40	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	24.12	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Edge_1RB_Left	20.36	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	23.12	/	/	<=33	Pass
		Outer_Full	20.40	/	/	23.11	/	/	<=33	Pass
		Inner_Full	20.54	/	/	23.25	/	/	<=33	Pass
		Inner_1RB_Left	20.40	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	23.11	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.54	/	/	23.25	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	23.00	/	/	<=33	Pass
		Outer_Full	20.31	/	/	23.02	/	/	<=33	Pass
		Inner_Full	20.32	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	23.26	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	22.95	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	20.35	/	/	23.06	/	/	<=33	Pass
		Edge_1RB_Right	20.02	/	/	22.73	/	/	<=33	Pass
		Outer_Full	20.11	/	/	22.82	/	/	<=33	Pass
		Inner_Full	20.22	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	20.01	/	/	22.72	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Edge_1RB_Left	18.22	/	/	20.93	/	/	<=33	Pass
		Edge_1RB_Right	18.24	/	/	20.95	/	/	<=33	Pass
		Outer_Full	18.33	/	/	21.04	/	/	<=33	Pass
		Inner_Full	18.48	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	18.27	/	/	20.98	/	/	<=33	Pass
		Inner_1RB_Right	18.25	/	/	20.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.44	/	/	21.15	/	/	<=33	Pass
		Edge_1RB_Right	18.09	/	/	20.80	/	/	<=33	Pass
		Outer_Full	18.32	/	/	21.03	/	/	<=33	Pass
		Inner_Full	18.35	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	18.38	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Right	18.06	/	/	20.77	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	18.08	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	17.74	/	/	20.45	/	/	<=33	Pass

		Outer_Full	18.07	/	/	20.78	/	/	<=33	Pass
		Inner_Full	18.14	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Left	18.06	/	/	20.77	/	/	<=33	Pass
		Inner_1RB_Right	17.70	/	/	20.41	/	/	<=33	Pass
CP-OFDM QPSK	2541	Edge_1RB_Left	19.83	/	/	22.54	/	/	<=33	Pass
		Edge_1RB_Right	19.86	/	/	22.57	/	/	<=33	Pass
		Outer_Full	19.80	/	/	22.51	/	/	<=33	Pass
		Inner_Full	21.51	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Left	21.32	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	21.31	/	/	24.02	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.11	/	/	22.82	/	/	<=33	Pass
		Edge_1RB_Right	19.85	/	/	22.56	/	/	<=33	Pass
		Outer_Full	19.81	/	/	22.52	/	/	<=33	Pass
		Inner_Full	21.34	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	24.22	/	/	<=33	Pass
		Inner_1RB_Right	21.26	/	/	23.97	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	19.75	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	19.37	/	/	22.08	/	/	<=33	Pass
		Outer_Full	19.50	/	/	22.21	/	/	<=33	Pass
		Inner_Full	21.06	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	23.61	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Left	19.67	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	19.69	/	/	22.40	/	/	<=33	Pass
		Outer_Full	19.79	/	/	22.50	/	/	<=33	Pass
		Inner_Full	21.03	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	20.79	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	23.48	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.93	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	19.71	/	/	22.42	/	/	<=33	Pass
		Outer_Full	19.89	/	/	22.60	/	/	<=33	Pass
		Inner_Full	20.88	/	/	23.59	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	23.47	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	19.56	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	19.29	/	/	22.00	/	/	<=33	Pass
		Outer_Full	19.55	/	/	22.26	/	/	<=33	Pass
		Inner_Full	20.59	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Left	20.69	/	/	23.40	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	23.09	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Left	19.36	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	19.40	/	/	22.11	/	/	<=33	Pass
		Outer_Full	19.31	/	/	22.02	/	/	<=33	Pass
		Inner_Full	19.43	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	19.47	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Right	19.44	/	/	22.15	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.76	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	19.31	/	/	22.02	/	/	<=33	Pass
		Outer_Full	19.32	/	/	22.03	/	/	<=33	Pass
		Inner_Full	19.30	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	19.66	/	/	22.37	/	/	<=33	Pass
		Inner_1RB_Right	19.51	/	/	22.22	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	19.34	/	/	22.05	/	/	<=33	Pass
		Edge_1RB_Right	19.05	/	/	21.76	/	/	<=33	Pass
		Outer_Full	19.03	/	/	21.74	/	/	<=33	Pass
		Inner_Full	19.08	/	/	21.79	/	/	<=33	Pass
		Inner_1RB_Left	19.35	/	/	22.06	/	/	<=33	Pass
		Inner_1RB_Right	19.20	/	/	21.91	/	/	<=33	Pass
CP-OFDM 256 QAM	2541	Edge_1RB_Left	16.31	/	/	19.02	/	/	<=33	Pass

		Edge_1RB_Right	16.30	/	/	19.01	/	/	<=33	Pass
		Outer_Full	16.35	/	/	19.06	/	/	<=33	Pass
		Inner_Full	16.47	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Left	16.39	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	16.37	/	/	19.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	16.59	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Right	16.21	/	/	18.92	/	/	<=33	Pass
		Outer_Full	16.35	/	/	19.06	/	/	<=33	Pass
		Inner_Full	16.33	/	/	19.04	/	/	<=33	Pass
		Inner_1RB_Left	16.66	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Right	16.25	/	/	18.96	/	/	<=33	Pass
	2644.98	Edge_1RB_Left	16.21	/	/	18.92	/	/	<=33	Pass
		Edge_1RB_Right	15.98	/	/	18.69	/	/	<=33	Pass
		Outer_Full	16.04	/	/	18.75	/	/	<=33	Pass
		Inner_Full	16.15	/	/	18.86	/	/	<=33	Pass
		Inner_1RB_Left	16.23	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Right	15.88	/	/	18.59	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_100MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2546.01	Edge_1RB_Left	22.36	/	/	25.07	/	/	<=33	Pass
		Edge_1RB_Right	22.31	/	/	25.02	/	/	<=33	Pass
		Outer_Full	22.26	/	/	24.97	/	/	<=33	Pass
		Inner_Full	22.93	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Right	22.90	/	/	25.61	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.24	/	/	23.95	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	24.90	/	/	<=33	Pass
		Outer_Full	22.29	/	/	25.00	/	/	<=33	Pass
		Inner_Full	22.79	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Left	23.00	/	/	25.71	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	25.41	/	/	<=33	Pass
	2640	Edge_1RB_Left	22.32	/	/	25.03	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	24.52	/	/	<=33	Pass
		Outer_Full	22.01	/	/	24.72	/	/	<=33	Pass
		Inner_Full	22.61	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Left	22.84	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Right	22.32	/	/	25.03	/	/	<=33	Pass
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	21.88	/	/	24.59	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	24.55	/	/	<=33	Pass
		Outer_Full	21.77	/	/	24.48	/	/	<=33	Pass
		Inner_Full	22.91	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	22.89	/	/	25.60	/	/	<=33	Pass
		Inner_1RB_Right	22.93	/	/	25.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.99	/	/	24.70	/	/	<=33	Pass
		Edge_1RB_Right	21.70	/	/	24.41	/	/	<=33	Pass
		Outer_Full	21.81	/	/	24.52	/	/	<=33	Pass
		Inner_Full	22.79	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	25.75	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	25.43	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.82	/	/	24.53	/	/	<=33	Pass
		Edge_1RB_Right	21.33	/	/	24.04	/	/	<=33	Pass
		Outer_Full	21.57	/	/	24.28	/	/	<=33	Pass

		Inner_Full	22.63	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	25.59	/	/	<=33	Pass
		Inner_1RB_Right	22.35	/	/	25.06	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge_1RB_Left	20.81	/	/	23.52	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	23.53	/	/	<=33	Pass
		Outer_Full	20.79	/	/	23.50	/	/	<=33	Pass
		Inner_Full	21.87	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Left	21.81	/	/	24.52	/	/	<=33	Pass
		Inner_1RB_Right	21.77	/	/	24.48	/	/	<=33	Pass
		Edge_1RB_Left	20.93	/	/	23.64	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	20.69	/	/	23.40	/	/	<=33	Pass
		Outer_Full	20.84	/	/	23.55	/	/	<=33	Pass
		Inner_Full	21.82	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	21.86	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	24.26	/	/	<=33	Pass
	2640	Edge_1RB_Left	20.75	/	/	23.46	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	23.00	/	/	<=33	Pass
		Outer_Full	20.53	/	/	23.24	/	/	<=33	Pass
		Inner_Full	21.62	/	/	24.33	/	/	<=33	Pass
		Inner_1RB_Left	21.66	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Right	21.19	/	/	23.90	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge_1RB_Left	20.46	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	20.44	/	/	23.15	/	/	<=33	Pass
		Outer_Full	20.31	/	/	23.02	/	/	<=33	Pass
		Inner_Full	20.40	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	20.43	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	23.32	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.58	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	23.00	/	/	<=33	Pass
		Outer_Full	20.39	/	/	23.10	/	/	<=33	Pass
		Inner_Full	20.30	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	23.26	/	/	<=33	Pass
	2640	Inner_1RB_Right	20.31	/	/	23.02	/	/	<=33	Pass
		Edge_1RB_Left	20.42	/	/	23.13	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	22.65	/	/	<=33	Pass
		Outer_Full	20.09	/	/	22.80	/	/	<=33	Pass
		Inner_Full	20.14	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Left	20.42	/	/	23.13	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2546.01	Inner_1RB_Right	19.90	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Left	18.32	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	18.27	/	/	20.98	/	/	<=33	Pass
		Outer_Full	18.27	/	/	20.98	/	/	<=33	Pass
		Inner_Full	18.43	/	/	21.14	/	/	<=33	Pass
		Inner_1RB_Left	18.31	/	/	21.02	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	18.32	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Left	18.35	/	/	21.06	/	/	<=33	Pass
		Edge_1RB_Right	18.12	/	/	20.83	/	/	<=33	Pass
		Outer_Full	18.33	/	/	21.04	/	/	<=33	Pass
		Inner_Full	18.35	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Left	18.42	/	/	21.13	/	/	<=33	Pass
	2640	Inner_1RB_Right	18.08	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Left	18.19	/	/	20.90	/	/	<=33	Pass
		Edge_1RB_Right	17.74	/	/	20.45	/	/	<=33	Pass
		Outer_Full	18.06	/	/	20.77	/	/	<=33	Pass
		Inner_Full	18.13	/	/	20.84	/	/	<=33	Pass
		Inner_1RB_Left	18.19	/	/	20.90	/	/	<=33	Pass
CP-OFDM QPSK	2546.01	Inner_1RB_Right	17.77	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Left	19.92	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	19.92	/	/	22.63	/	/	<=33	Pass

		Outer_Full	19.80	/	/	22.51	/	/	<=33	Pass
		Inner_Full	21.37	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	24.11	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.96	/	/	22.67	/	/	<=33	Pass
		Edge_1RB_Right	19.73	/	/	22.44	/	/	<=33	Pass
		Outer_Full	19.85	/	/	22.56	/	/	<=33	Pass
		Inner_Full	21.25	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	21.54	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	21.23	/	/	23.94	/	/	<=33	Pass
	2640	Edge_1RB_Left	19.84	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	19.41	/	/	22.12	/	/	<=33	Pass
		Outer_Full	19.57	/	/	22.28	/	/	<=33	Pass
		Inner_Full	21.12	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	21.35	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	23.61	/	/	<=33	Pass
CP-OFDM 16 QAM	2546.01	Edge_1RB_Left	19.88	/	/	22.59	/	/	<=33	Pass
		Edge_1RB_Right	19.80	/	/	22.51	/	/	<=33	Pass
		Outer_Full	19.75	/	/	22.46	/	/	<=33	Pass
		Inner_Full	20.85	/	/	23.56	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	23.48	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.92	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	19.60	/	/	22.31	/	/	<=33	Pass
		Outer_Full	19.82	/	/	22.53	/	/	<=33	Pass
		Inner_Full	20.80	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	23.61	/	/	<=33	Pass
		Inner_1RB_Right	20.62	/	/	23.33	/	/	<=33	Pass
	2640	Edge_1RB_Left	19.62	/	/	22.33	/	/	<=33	Pass
		Edge_1RB_Right	19.21	/	/	21.92	/	/	<=33	Pass
		Outer_Full	19.56	/	/	22.27	/	/	<=33	Pass
		Inner_Full	20.60	/	/	23.31	/	/	<=33	Pass
		Inner_1RB_Left	20.78	/	/	23.49	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	23.06	/	/	<=33	Pass
CP-OFDM 64 QAM	2546.01	Edge_1RB_Left	19.41	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Right	19.59	/	/	22.30	/	/	<=33	Pass
		Outer_Full	19.28	/	/	21.99	/	/	<=33	Pass
		Inner_Full	19.40	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	19.49	/	/	22.20	/	/	<=33	Pass
		Inner_1RB_Right	19.47	/	/	22.18	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.54	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	19.31	/	/	22.02	/	/	<=33	Pass
		Outer_Full	19.38	/	/	22.09	/	/	<=33	Pass
		Inner_Full	19.27	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	19.59	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Right	19.31	/	/	22.02	/	/	<=33	Pass
	2640	Edge_1RB_Left	19.33	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	21.77	/	/	<=33	Pass
		Outer_Full	19.07	/	/	21.78	/	/	<=33	Pass
		Inner_Full	19.15	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	19.45	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Right	18.94	/	/	21.65	/	/	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge_1RB_Left	16.37	/	/	19.08	/	/	<=33	Pass
		Edge_1RB_Right	16.36	/	/	19.07	/	/	<=33	Pass
		Outer_Full	16.26	/	/	18.97	/	/	<=33	Pass
		Inner_Full	16.43	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Left	16.38	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Right	16.39	/	/	19.10	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	16.47	/	/	19.18	/	/	<=33	Pass

		Edge_1RB_Right	16.28	/	/	18.99	/	/	<=33	Pass
		Outer_Full	16.30	/	/	19.01	/	/	<=33	Pass
		Inner_Full	16.29	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	16.54	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Right	16.24	/	/	18.95	/	/	<=33	Pass
	2640	Edge_1RB_Left	16.34	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	15.82	/	/	18.53	/	/	<=33	Pass
		Outer_Full	15.99	/	/	18.70	/	/	<=33	Pass
		Inner_Full	16.13	/	/	18.84	/	/	<=33	Pass
		Inner_1RB_Left	16.30	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Right	15.91	/	/	18.62	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 2.71dBi; Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n41 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	5.40	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
50	NV	-19.50	-0.0075	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-21.70	-0.0084	>=-2.5 & <=2.5	Pass
			30	NV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
50	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass			
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	0.50	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-14.70	-0.0057	>=-2.5 & <=2.5	Pass
50	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass			

DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-12.50	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-14.70	-0.0057	>=-2.5 & <=2.5	Pass
			-20	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
			-10	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-14.30	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-12.70	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-15.40	-0.0059	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-16.30	-0.0063	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	4.70	0.0018	>=-2.5 & <=2.5	Pass
				HV	5.00	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	4.80	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	4.40	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-0.30	-0.0001	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			40	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass

			-10	NV	-2.70	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-11.80	-0.0046	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass

2.1.2 30k_SISO_30MHz

5G NR n41 SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	3.90	0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	5.80	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-14.00	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	2.50	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-14.90	-0.0057	>=-2.5 & <=2.5	Pass
			-20	NV	-11.90	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-10.40	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-8.10	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-13.20	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-15.90	-0.0061	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-16.30	-0.0063	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-9.10	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.40	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-13.10	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-15.30	-0.0059	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.30	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-13.60	-0.0052	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-9.90	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-8.80	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	1.60	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-12.00	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.80	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.90	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.30	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.60	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.80	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-8.00	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.00	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.10	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.10	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-11.70	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-13.40	-0.0052	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.50	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.70	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.50	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.90	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.20	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-10.10	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.80	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.20	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.70	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.30	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-13.80	-0.0053	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-16.50	-0.0064	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.30	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.90	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.30	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-10.30	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-12.90	-0.0050	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.70	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-11.50	-0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.60	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-20.10	-0.0078	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.3 30k_SISO_40MHz

5G NR n41 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	2592.99	Outer_Full	20	LV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-15.80	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-9.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
			50	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
			-10	NV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-19.70	-0.0076	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-19.80	-0.0076	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-9.00	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-20.90	-0.0081	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-6.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-12.10	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass

				HV	-3.10	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	7.70	0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	50	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	LV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-13.70	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-19.10	-0.0074	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	30	NV	-13.90	-0.0054	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	LV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-19.60	-0.0076	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	3.30	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	10	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-12.10	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			20	LV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	4.50	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-17.70	-0.0068	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-2.40	-0.0009	>=-2.5 & <=2.5	Pass

2.1.4 30k_SISO_50MHz

5G NR n41 SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	2.00	0.0008	>=-2.5 & <=2.5	Pass
				HV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-16.50	-0.0064	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass

			30	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	11.30	0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	3.30	0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	8.80	0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-18.60	-0.0072	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	4.50	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	50	NV	-17.50	-0.0067	>=-2.5 & <=2.5	Pass
			20	LV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				HV	6.70	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	-1.70	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	40	NV	-14.10	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-11.90	-0.0046	>=-2.5 & <=2.5	Pass
			20	LV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
				HV	1.70	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-12.60	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-17.80	-0.0069	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	30	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	4.70	0.0018	>=-2.5 & <=2.5	Pass
			20	LV	7.30	0.0028	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-1.50	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0005	>=-2.5 & <=2.5	Pass
			20	LV	3.10	0.0012	>=-2.5 & <=2.5	Pass

				HV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-9.60	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-13.80	-0.0053	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-11.20	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-11.70	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	3.90	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-13.80	-0.0053	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass

2.1.5 30k_SISO_60MHz

5G NR n41 SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-10.90	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-18.10	-0.0070	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
				HV	11.20	0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass

			30	NV	-9.40	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-11.10	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-4.90	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-5.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-13.30	-0.0051	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-14.20	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-10.20	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-10.20	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.60	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-3.10	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.30	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-4.70	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-8.70	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-16.00	-0.0062	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-7.60	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-16.30	-0.0063	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.30	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	3.20	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-14.30	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-3.50	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.00	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-5.70	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-11.60	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-8.80	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-8.00	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-1.50	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-8.40	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-8.40	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-5.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-7.00	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.30	-0.0044	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-11.20	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-9.80	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-4.10	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-11.30	-0.0044	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	3.00	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-7.80	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-14.30	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.80	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.60	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	2.20	0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-14.30	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	5.70	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-2.50	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-5.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-7.30	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	5.70	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.00	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	4.80	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-2.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-2.70	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-10.60	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.90	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.30	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	3.40	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-6.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-3.30	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

				HV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-7.90	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-6.50	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-11.10	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-11.60	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-4.80	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-15.70	-0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-12.10	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-16.40	-0.0063	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-11.30	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	3.00	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-7.50	-0.0029	>=-2.5 & <=2.5	Pass

2.1.6 30k_SISO_80MHz

5G NR n41 SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-8.30	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-2.20	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	3.50	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-1.20	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0004	>=-2.5 & <=2.5	Pass
			40	NV	8.20	0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
				HV	1.20	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-16.00	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	6.10	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-12.80	-0.0049	>=-2.5 & <=2.5	Pass
				HV	4.90	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-11.00	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	3.70	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	12.70	0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0028	>=-2.5 & <=2.5	Pass

			30	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-13.50	-0.0052	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.30	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.90	0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.40	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.80	0.0038	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-9.70	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.60	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.10	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.90	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-13.10	-0.0051	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.90	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.90	0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	4.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	8.40	0.0032	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.90	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.30	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-6.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	4.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-11.70	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-0.80	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.70	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.40	0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-2.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	3.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.30	-0.0051	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.10	0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-0.10	0.0000	≥ -2.5 & ≤ 2.5	Pass

				HV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-6.00	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	1.40	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-6.70	-0.0026	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_90MHz

5G NR n41 SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	-14.60	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	6.30	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-14.80	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-9.30	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-12.10	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-12.10	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-12.40	-0.0048	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	6.80	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-8.60	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	3.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	2.30	0.0009	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-15.90	-0.0061	>=-2.5 & <=2.5	Pass
			10	NV	-5.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-17.10	-0.0066	>=-2.5 & <=2.5	Pass
			30	NV	7.20	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-5.60	-0.0022	>=-2.5 & <=2.5	Pass
				HV	2.30	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-19.60	-0.0076	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-18.50	-0.0071	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass

			30	NV	-4.50	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-10.00	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-4.90	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-10.40	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-12.40	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	1.90	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-14.30	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-11.00	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-10.40	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-2.20	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-14.10	-0.0054	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.80	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.60	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-3.20	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-6.60	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-8.40	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-12.00	-0.0046	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.00	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-10.80	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-1.90	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-12.60	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-12.00	-0.0046	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-12.40	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-6.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	50	NV	-7.90	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	3.40	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-5.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-14.10	-0.0054	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-11.10	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	6.30	0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-7.40	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	0.50	0.0002	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-9.90	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	40	NV	-9.90	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-4.40	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-12.70	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-13.20	-0.0051	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-14.20	-0.0055	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-5.90	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.30	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-3.90	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	3.60	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-4.30	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	30	NV	-6.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-10.20	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-9.50	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	LV	-17.10	-0.0066	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	1.70	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-9.30	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.70	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.40	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-1.80	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-12.80	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-12.80	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.40	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.10	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-5.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

2.1.8 30k_SISO_100MHz

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	20	LV	8.00	0.0031	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-7.70	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-6.80	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-13.00	-0.0050	>=-2.5 & <=2.5	Pass
			-30	NV	-13.40	-0.0052	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-17.30	-0.0067	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-21.20	-0.0082	>=-2.5 & <=2.5	Pass
			30	NV	-20.80	-0.0080	>=-2.5 & <=2.5	Pass
			40	NV	-10.00	-0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-3.60	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-12.20	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	2.80	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-11.50	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-9.80	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-2.90	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-10.50	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	2.70	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-2.30	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-10.70	-0.0041	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	20	LV	2.30	0.0009	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	3.70	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-20.00	-0.0077	>=-2.5 & <=2.5	Pass
			-10	NV	1.00	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-12.00	-0.0046	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-9.70	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-8.50	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-4.70	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-15.20	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	6.70	0.0026	>=-2.5 & <=2.5	Pass

			50	NV	-10.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2592.99	Outer_Full	20	LV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.60	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.10	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-16.00	-0.0062	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	20	LV	-8.40	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				HV	8.40	0.0032	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.90	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.80	0.0030	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.50	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-0.80	-0.0003	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	20	LV	-11.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.30	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	20	LV	-6.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.10	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-16.50	-0.0064	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.70	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-17.60	-0.0068	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.70	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-13.50	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-12.90	-0.0050	≥ -2.5 & ≤ 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_20MHz_NTNV

5G NR n41 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	2506.02	Outer_Full	18.16	19.67	/	Pass

	2592.99	Outer_Full	18.93	23.80	/	Pass
	2679.99	Outer_Full	18.13	19.59	/	Pass
DFT-s-OFDM QPSK	2506.02	Outer_Full	18.11	19.74	/	Pass
	2592.99	Outer_Full	18.14	19.77	/	Pass
DFT-s-OFDM 16 QAM	2679.99	Outer_Full	18.61	23.51	/	Pass
	2506.02	Outer_Full	18.17	19.57	/	Pass
	2592.99	Outer_Full	18.16	19.67	/	Pass
DFT-s-OFDM 64 QAM	2679.99	Outer_Full	18.45	23.27	/	Pass
	2506.02	Outer_Full	18.09	19.73	/	Pass
	2592.99	Outer_Full	18.13	19.79	/	Pass
DFT-s-OFDM 256 QAM	2679.99	Outer_Full	18.45	22.93	/	Pass
	2506.02	Outer_Full	18.05	19.57	/	Pass
	2592.99	Outer_Full	18.07	19.67	/	Pass
CP-OFDM QPSK	2679.99	Outer_Full	18.23	21.57	/	Pass
	2506.02	Outer_Full	18.42	20.67	/	Pass
	2592.99	Outer_Full	18.41	20.09	/	Pass
CP-OFDM 16 QAM	2679.99	Outer_Full	18.73	23.57	/	Pass
	2506.02	Outer_Full	18.45	21.19	/	Pass
	2592.99	Outer_Full	18.46	20.73	/	Pass
CP-OFDM 64 QAM	2679.99	Outer_Full	18.70	23.09	/	Pass
	2506.02	Outer_Full	18.42	22.04	/	Pass
	2592.99	Outer_Full	18.43	20.56	/	Pass
CP-OFDM 256 QAM	2679.99	Outer_Full	18.72	25.08	/	Pass
	2506.02	Outer_Full	18.34	19.63	/	Pass
	2592.99	Outer_Full	18.38	20.16	/	Pass
	2679.99	Outer_Full	18.47	21.11	/	Pass

3.1.2 30k_SISO_30MHz_NTNV

5G NR n41 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	2511	Outer_Full	27.12	29.30	/	Pass
	2592.99	Outer_Full	27.10	29.07	/	Pass
	2674.98	Outer_Full	27.49	31.75	/	Pass
DFT-s-OFDM QPSK	2511	Outer_Full	27.11	29.22	/	Pass
	2592.99	Outer_Full	27.29	29.00	/	Pass
	2674.98	Outer_Full	27.44	31.85	/	Pass
DFT-s-OFDM 16 QAM	2511	Outer_Full	27.17	29.20	/	Pass
	2592.99	Outer_Full	27.08	29.15	/	Pass
	2674.98	Outer_Full	27.15	28.92	/	Pass
DFT-s-OFDM 64 QAM	2511	Outer_Full	27.12	29.23	/	Pass
	2592.99	Outer_Full	27.15	29.25	/	Pass
	2674.98	Outer_Full	27.04	29.09	/	Pass
DFT-s-OFDM 256 QAM	2511	Outer_Full	27.16	29.34	/	Pass
	2592.99	Outer_Full	27.20	29.22	/	Pass
	2674.98	Outer_Full	27.14	29.24	/	Pass
CP-OFDM QPSK	2511	Outer_Full	28.15	30.18	/	Pass
	2592.99	Outer_Full	28.12	30.13	/	Pass
	2674.98	Outer_Full	28.05	30.27	/	Pass
CP-OFDM 16 QAM	2511	Outer_Full	28.11	30.35	/	Pass
	2592.99	Outer_Full	28.14	30.43	/	Pass
	2674.98	Outer_Full	28.07	29.82	/	Pass
CP-OFDM 64 QAM	2511	Outer_Full	28.08	30.68	/	Pass
	2592.99	Outer_Full	28.12	30.23	/	Pass
	2674.98	Outer_Full	28.04	30.89	/	Pass
CP-OFDM 256 QAM	2511	Outer_Full	28.12	30.02	/	Pass
	2592.99	Outer_Full	28.13	30.22	/	Pass

	2674.98	Outer Full	28.04	30.08	/	Pass
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3.1.3 30k_SISO_40MHz_NTNV

5G NR n41 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	2516.01	Outer Full	35.95	38.66	/	Pass
	2592.99	Outer Full	36.00	38.65	/	Pass
	2670	Outer Full	35.95	38.58	/	Pass
DFT-s-OFDM QPSK	2516.01	Outer Full	35.98	38.78	/	Pass
	2592.99	Outer Full	36.06	38.63	/	Pass
	2670	Outer Full	35.94	38.81	/	Pass
DFT-s-OFDM 16 QAM	2516.01	Outer Full	36.20	38.68	/	Pass
	2592.99	Outer Full	36.15	38.75	/	Pass
	2670	Outer Full	35.98	38.70	/	Pass
DFT-s-OFDM 64 QAM	2516.01	Outer Full	36.31	38.49	/	Pass
	2592.99	Outer Full	35.98	38.80	/	Pass
	2670	Outer Full	35.94	38.70	/	Pass
DFT-s-OFDM 256 QAM	2516.01	Outer Full	36.12	38.78	/	Pass
	2592.99	Outer Full	36.13	38.72	/	Pass
	2670	Outer Full	35.99	38.75	/	Pass
CP-OFDM QPSK	2516.01	Outer Full	38.04	40.65	/	Pass
	2592.99	Outer Full	38.20	40.86	/	Pass
	2670	Outer Full	38.06	40.74	/	Pass
CP-OFDM 16 QAM	2516.01	Outer Full	38.19	41.01	/	Pass
	2592.99	Outer Full	38.13	40.71	/	Pass
	2670	Outer Full	38.07	40.84	/	Pass
CP-OFDM 64 QAM	2516.01	Outer Full	38.24	40.92	/	Pass
	2592.99	Outer Full	38.24	40.80	/	Pass
	2670	Outer Full	38.15	40.68	/	Pass
CP-OFDM 256 QAM	2516.01	Outer Full	38.26	40.88	/	Pass
	2592.99	Outer Full	38.32	40.78	/	Pass
	2670	Outer Full	38.17	40.72	/	Pass

3.1.4 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2521.02	Outer Full	46.29	49.20	/	Pass
	2592.99	Outer Full	46.53	49.12	/	Pass
	2664.99	Outer Full	46.04	49.22	/	Pass
DFT-s-OFDM QPSK	2521.02	Outer Full	46.30	49.36	/	Pass
	2592.99	Outer Full	46.51	49.03	/	Pass
	2664.99	Outer Full	46.54	49.29	/	Pass
DFT-s-OFDM 16 QAM	2521.02	Outer Full	46.33	49.42	/	Pass
	2592.99	Outer Full	46.18	49.37	/	Pass
	2664.99	Outer Full	46.12	49.37	/	Pass
DFT-s-OFDM 64 QAM	2521.02	Outer Full	46.04	49.29	/	Pass
	2592.99	Outer Full	46.47	49.05	/	Pass
	2664.99	Outer Full	46.01	49.13	/	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer Full	46.05	49.39	/	Pass
	2592.99	Outer Full	46.08	49.38	/	Pass
	2664.99	Outer Full	46.15	49.40	/	Pass
CP-OFDM QPSK	2521.02	Outer Full	47.92	51.11	/	Pass

CP-OFDM 16 QAM	2592.99	Outer_Full	48.13	50.72	/	Pass
	2664.99	Outer_Full	47.89	51.06	/	Pass
	2521.02	Outer_Full	47.98	51.33	/	Pass
	2592.99	Outer_Full	47.95	51.18	/	Pass
	2664.99	Outer_Full	48.03	50.73	/	Pass
CP-OFDM 64 QAM	2521.02	Outer_Full	47.95	51.30	/	Pass
	2592.99	Outer_Full	47.90	51.29	/	Pass
	2664.99	Outer_Full	48.02	50.68	/	Pass
CP-OFDM 256 QAM	2521.02	Outer_Full	48.06	50.56	/	Pass
	2592.99	Outer_Full	48.06	50.46	/	Pass
	2664.99	Outer_Full	47.89	51.16	/	Pass

3.1.5 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2526	Outer_Full	59.10	62.30	/	Pass
	2592.99	Outer_Full	59.55	64.36	/	Pass
	2659.98	Outer_Full	58.38	62.11	/	Pass
DFT-s-OFDM QPSK	2526	Outer_Full	58.62	62.31	/	Pass
	2592.99	Outer_Full	59.04	63.43	/	Pass
	2659.98	Outer_Full	58.43	62.57	/	Pass
DFT-s-OFDM 16 QAM	2526	Outer_Full	58.53	62.33	/	Pass
	2592.99	Outer_Full	58.63	62.81	/	Pass
	2659.98	Outer_Full	58.48	61.88	/	Pass
DFT-s-OFDM 64 QAM	2526	Outer_Full	58.36	62.32	/	Pass
	2592.99	Outer_Full	59.29	64.11	/	Pass
	2659.98	Outer_Full	58.27	62.15	/	Pass
DFT-s-OFDM 256 QAM	2526	Outer_Full	58.23	62.29	/	Pass
	2592.99	Outer_Full	58.44	62.57	/	Pass
	2659.98	Outer_Full	58.09	62.22	/	Pass
CP-OFDM QPSK	2526	Outer_Full	58.46	62.23	/	Pass
	2592.99	Outer_Full	59.33	64.00	/	Pass
	2659.98	Outer_Full	58.23	62.14	/	Pass
CP-OFDM 16 QAM	2526	Outer_Full	58.42	62.41	/	Pass
	2592.99	Outer_Full	58.61	62.52	/	Pass
	2659.98	Outer_Full	58.19	62.16	/	Pass
CP-OFDM 64 QAM	2526	Outer_Full	58.53	62.43	/	Pass
	2592.99	Outer_Full	58.74	62.52	/	Pass
	2659.98	Outer_Full	58.30	62.26	/	Pass
CP-OFDM 256 QAM	2526	Outer_Full	58.54	62.33	/	Pass
	2592.99	Outer_Full	59.12	63.70	/	Pass
	2659.98	Outer_Full	58.28	62.19	/	Pass

3.1.6 30k_SISO_80MHz_NTNV

5G NR n41 SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2536.02	Outer_Full	77.82	83.08	/	Pass
	2592.99	Outer_Full	79.12	84.31	/	Pass
	2649.99	Outer_Full	77.78	82.62	/	Pass
DFT-s-OFDM QPSK	2536.02	Outer_Full	78.18	83.00	/	Pass
	2592.99	Outer_Full	79.29	84.62	/	Pass
	2649.99	Outer_Full	78.01	83.17	/	Pass

DFT-s-OFDM 16 QAM	2536.02	Outer_Full	78.70	82.85	/	Pass
	2592.99	Outer_Full	78.07	83.49	/	Pass
	2649.99	Outer_Full	77.83	82.97	/	Pass
DFT-s-OFDM 64 QAM	2536.02	Outer_Full	77.77	82.75	/	Pass
	2592.99	Outer_Full	78.05	83.20	/	Pass
	2649.99	Outer_Full	77.67	82.74	/	Pass
DFT-s-OFDM 256 QAM	2536.02	Outer_Full	77.64	82.87	/	Pass
	2592.99	Outer_Full	77.91	83.03	/	Pass
	2649.99	Outer_Full	77.73	83.11	/	Pass
CP-OFDM QPSK	2536.02	Outer_Full	78.07	83.23	/	Pass
	2592.99	Outer_Full	78.25	83.75	/	Pass
	2649.99	Outer_Full	77.97	83.37	/	Pass
CP-OFDM 16 QAM	2536.02	Outer_Full	78.89	82.77	/	Pass
	2592.99	Outer_Full	78.63	84.38	/	Pass
	2649.99	Outer_Full	78.68	82.77	/	Pass
CP-OFDM 64 QAM	2536.02	Outer_Full	78.20	83.25	/	Pass
	2592.99	Outer_Full	78.44	83.58	/	Pass
	2649.99	Outer_Full	78.15	83.24	/	Pass
CP-OFDM 256 QAM	2536.02	Outer_Full	77.97	83.16	/	Pass
	2592.99	Outer_Full	77.94	83.37	/	Pass
	2649.99	Outer_Full	77.87	83.40	/	Pass

3.1.7 30k_SISO_90MHz_NTNV

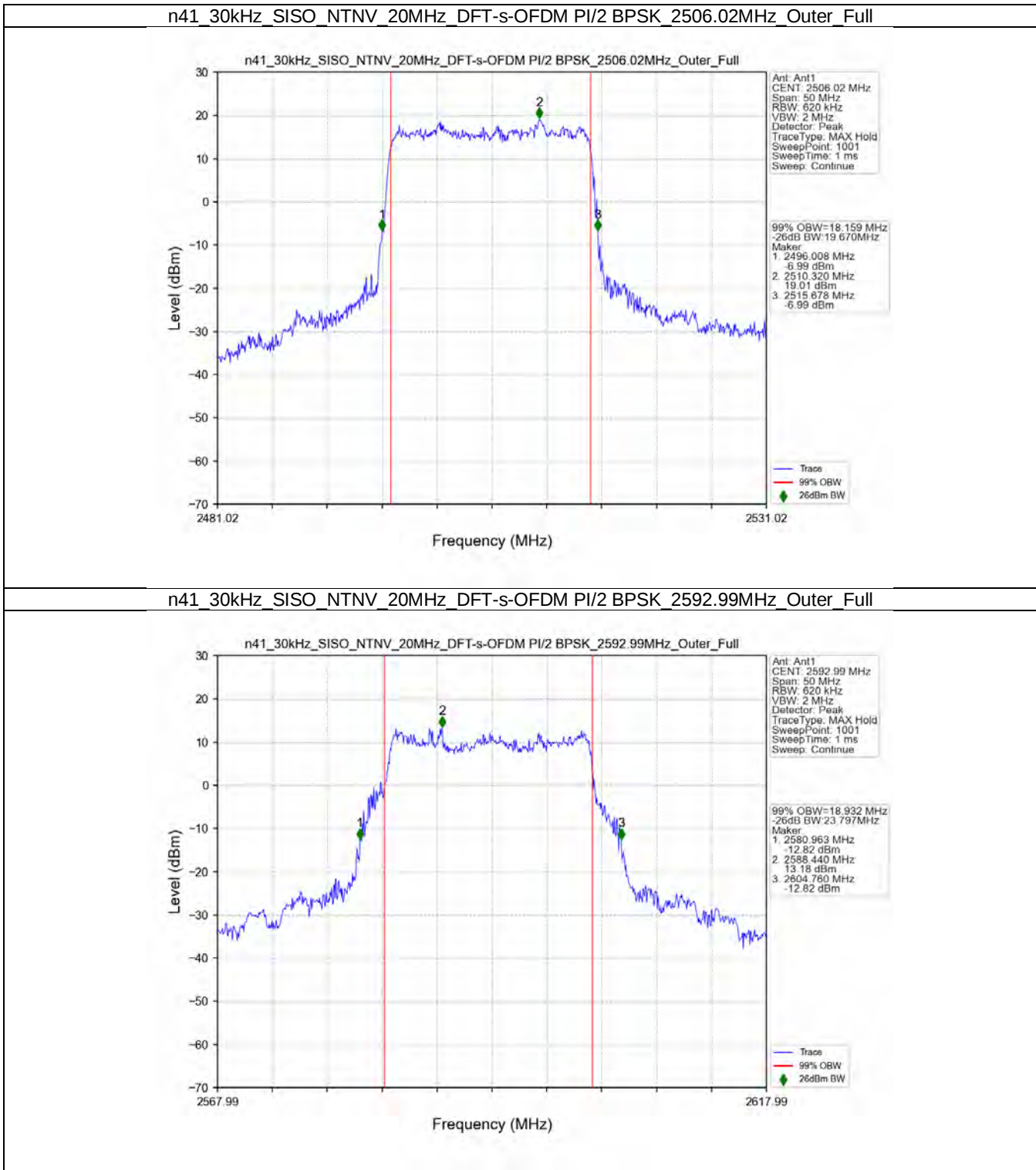
5G NR n41 SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2541	Outer_Full	87.36	93.18	/	Pass
	2592.99	Outer_Full	87.31	93.07	/	Pass
	2644.98	Outer_Full	87.48	93.00	/	Pass
DFT-s-OFDM QPSK	2541	Outer_Full	87.38	93.16	/	Pass
	2592.99	Outer_Full	87.14	93.32	/	Pass
	2644.98	Outer_Full	87.60	93.27	/	Pass
DFT-s-OFDM 16 QAM	2541	Outer_Full	87.91	93.25	/	Pass
	2592.99	Outer_Full	87.79	93.31	/	Pass
	2644.98	Outer_Full	87.99	93.27	/	Pass
DFT-s-OFDM 64 QAM	2541	Outer_Full	87.18	93.23	/	Pass
	2592.99	Outer_Full	87.04	93.42	/	Pass
	2644.98	Outer_Full	87.20	93.29	/	Pass
DFT-s-OFDM 256 QAM	2541	Outer_Full	87.07	93.19	/	Pass
	2592.99	Outer_Full	86.83	93.00	/	Pass
	2644.98	Outer_Full	87.05	92.95	/	Pass
CP-OFDM QPSK	2541	Outer_Full	88.33	93.93	/	Pass
	2592.99	Outer_Full	87.90	93.99	/	Pass
	2644.98	Outer_Full	88.30	94.01	/	Pass
CP-OFDM 16 QAM	2541	Outer_Full	87.99	93.76	/	Pass
	2592.99	Outer_Full	87.75	93.69	/	Pass
	2644.98	Outer_Full	88.05	93.84	/	Pass
CP-OFDM 64 QAM	2541	Outer_Full	88.23	93.91	/	Pass
	2592.99	Outer_Full	87.87	93.93	/	Pass
	2644.98	Outer_Full	88.18	93.90	/	Pass
CP-OFDM 256 QAM	2541	Outer_Full	88.30	93.77	/	Pass
	2592.99	Outer_Full	88.07	93.98	/	Pass
	2644.98	Outer_Full	88.20	94.01	/	Pass

3.1.8 30k_SISO_100MHz_NTNV

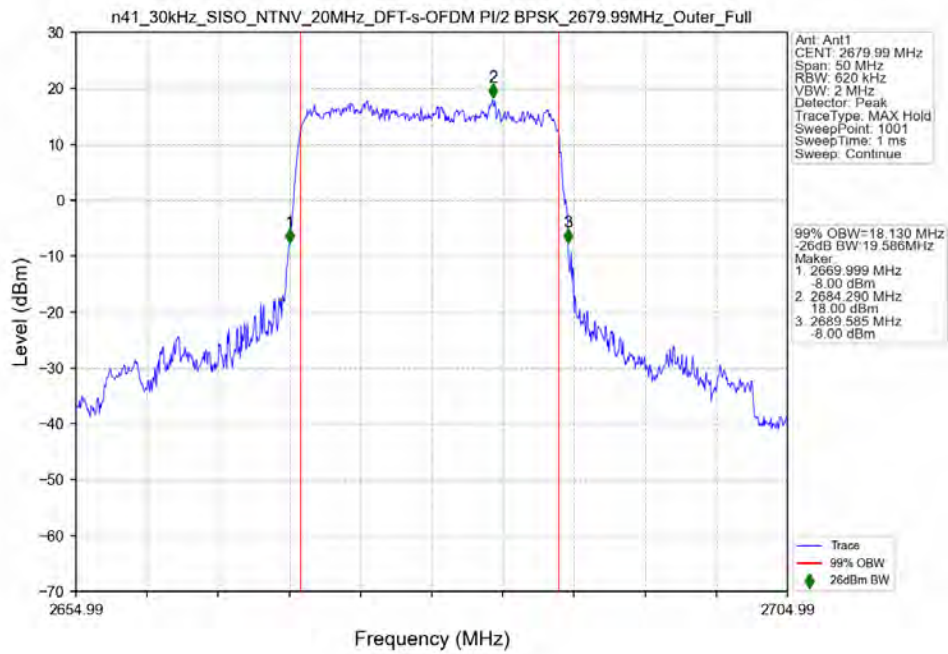
5G NR n41 SCS=30kHz SISO 100MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2546.01	Outer_Full	97.26	103.44	/	Pass
	2592.99	Outer_Full	96.92	103.44	/	Pass
	2640	Outer_Full	97.27	103.47	/	Pass
DFT-s-OFDM QPSK	2546.01	Outer_Full	96.94	103.62	/	Pass
	2592.99	Outer_Full	96.59	103.63	/	Pass
	2640	Outer_Full	97.19	103.66	/	Pass
DFT-s-OFDM 16 QAM	2546.01	Outer_Full	97.44	103.66	/	Pass
	2592.99	Outer_Full	97.12	103.60	/	Pass
	2640	Outer_Full	97.45	103.69	/	Pass
DFT-s-OFDM 64 QAM	2546.01	Outer_Full	97.33	103.79	/	Pass
	2592.99	Outer_Full	96.96	103.74	/	Pass
	2640	Outer_Full	97.08	103.48	/	Pass
DFT-s-OFDM 256 QAM	2546.01	Outer_Full	97.11	103.63	/	Pass
	2592.99	Outer_Full	96.81	103.65	/	Pass
	2640	Outer_Full	97.31	103.65	/	Pass
CP-OFDM QPSK	2546.01	Outer_Full	98.30	104.74	/	Pass
	2592.99	Outer_Full	97.89	104.72	/	Pass
	2640	Outer_Full	98.31	104.77	/	Pass
CP-OFDM 16 QAM	2546.01	Outer_Full	98.18	104.67	/	Pass
	2592.99	Outer_Full	97.88	104.74	/	Pass
	2640	Outer_Full	98.41	104.61	/	Pass
CP-OFDM 64 QAM	2546.01	Outer_Full	97.98	104.76	/	Pass
	2592.99	Outer_Full	97.69	104.62	/	Pass
	2640	Outer_Full	98.11	104.83	/	Pass
CP-OFDM 256 QAM	2546.01	Outer_Full	98.29	104.72	/	Pass
	2592.99	Outer_Full	97.93	104.68	/	Pass
	2640	Outer_Full	98.24	104.62	/	Pass

3.2 Test Graph

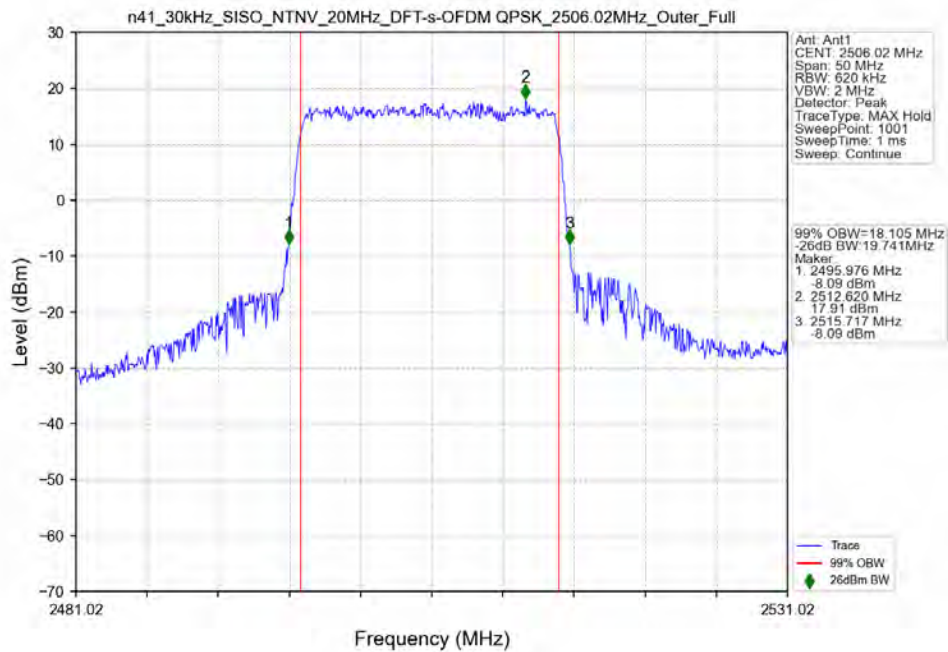
3.2.1 30k_SISO_20MHz_NTNV



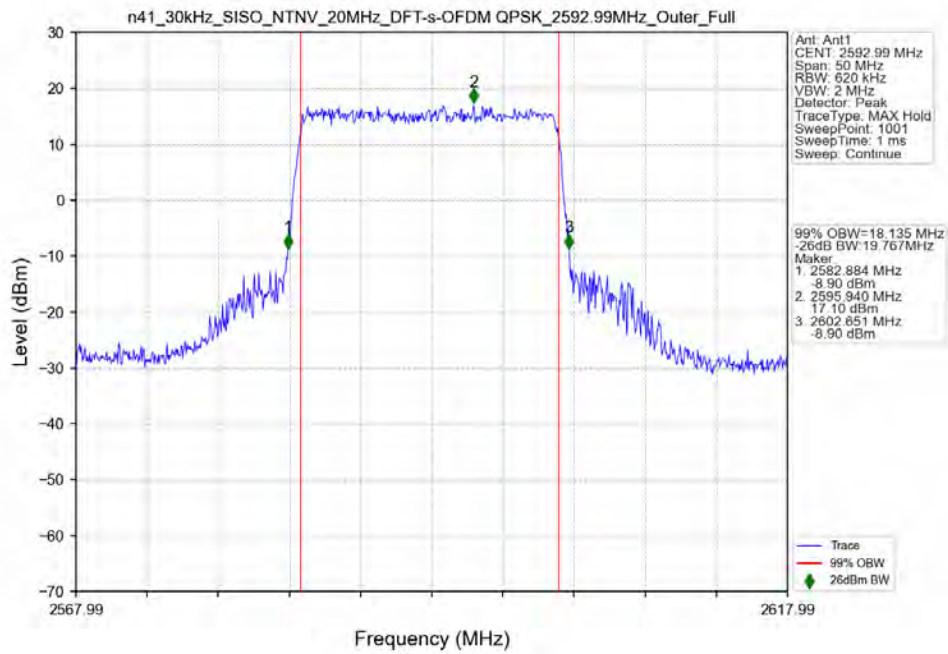
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2679.99MHz_Outer_Full



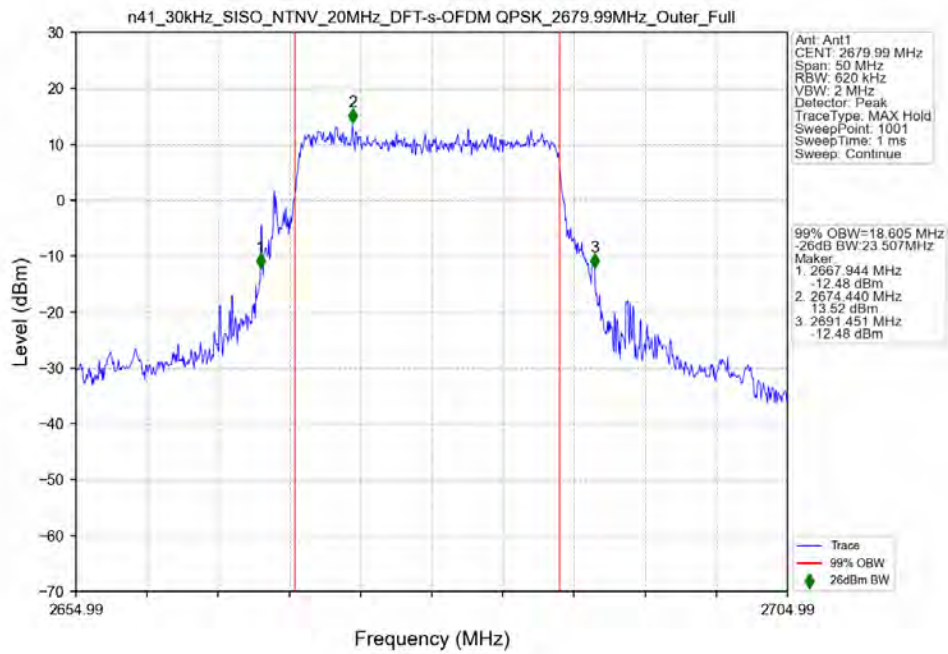
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2506.02MHz_Outer_Full



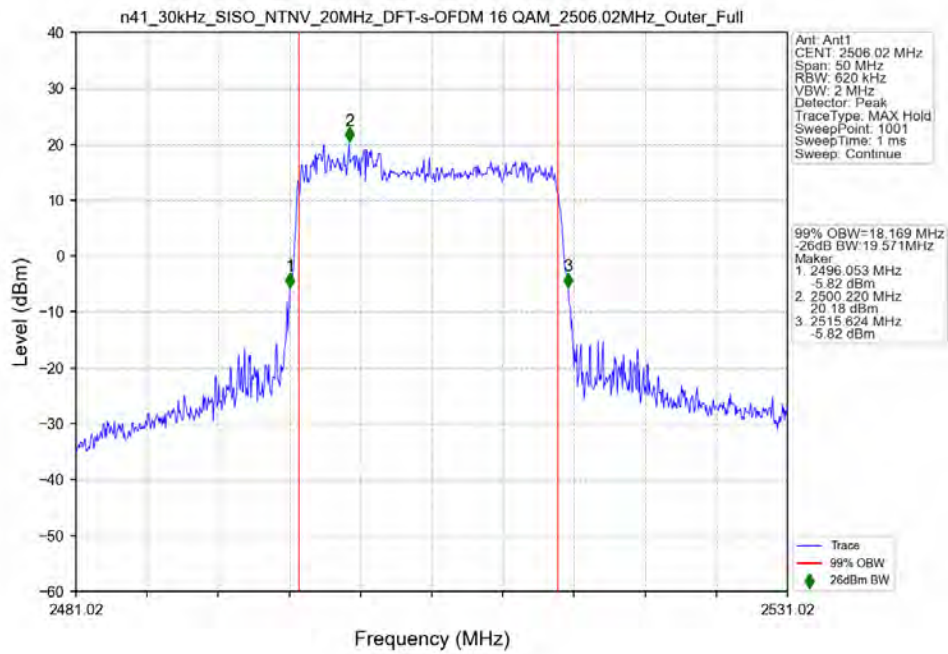
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2592.99MHz_Outer_Full



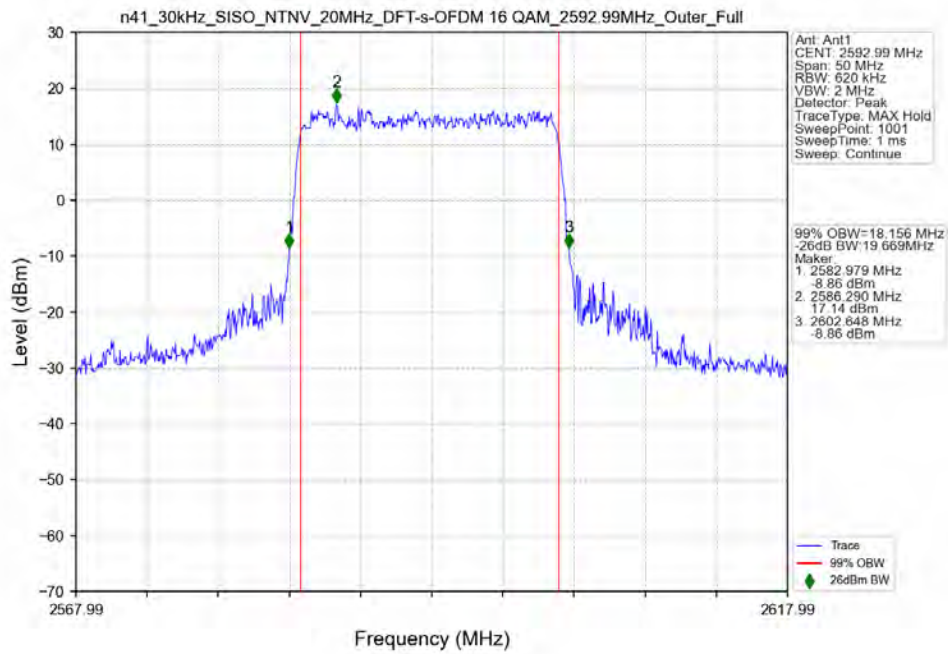
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2679.99MHz_Outer_Full



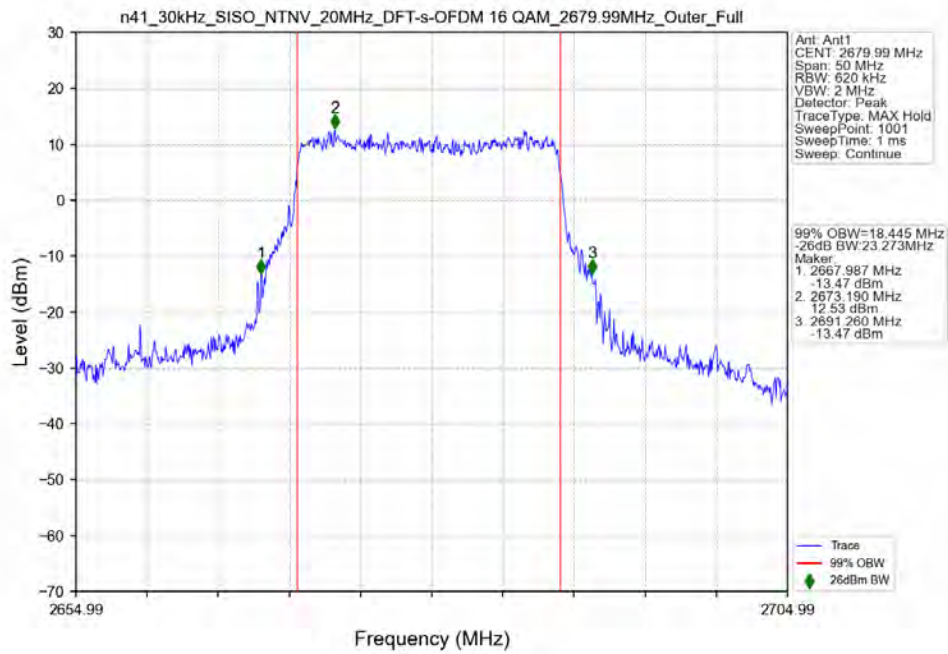
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_2506.02MHz_Outer_Full



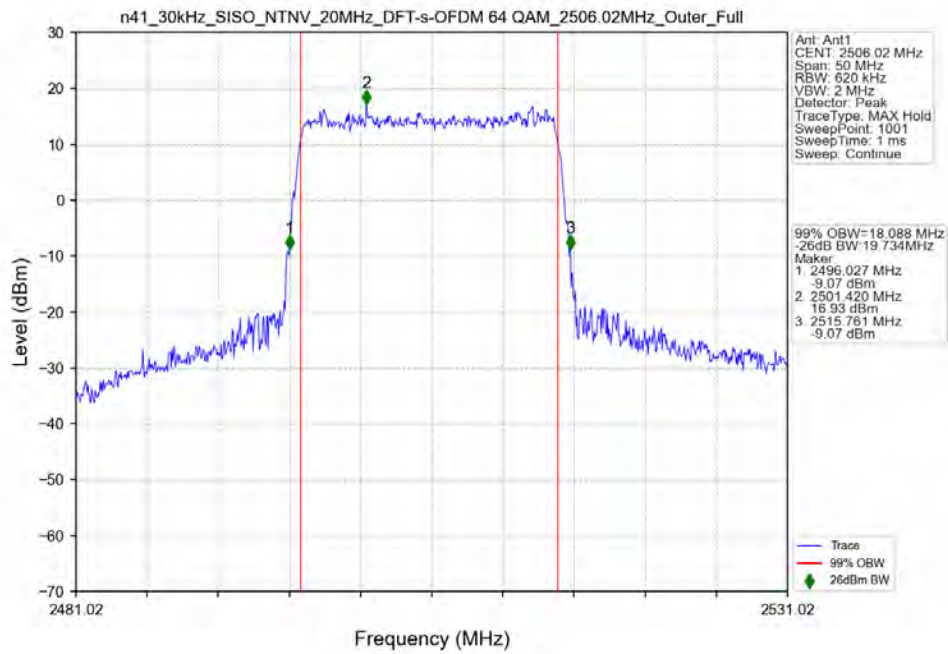
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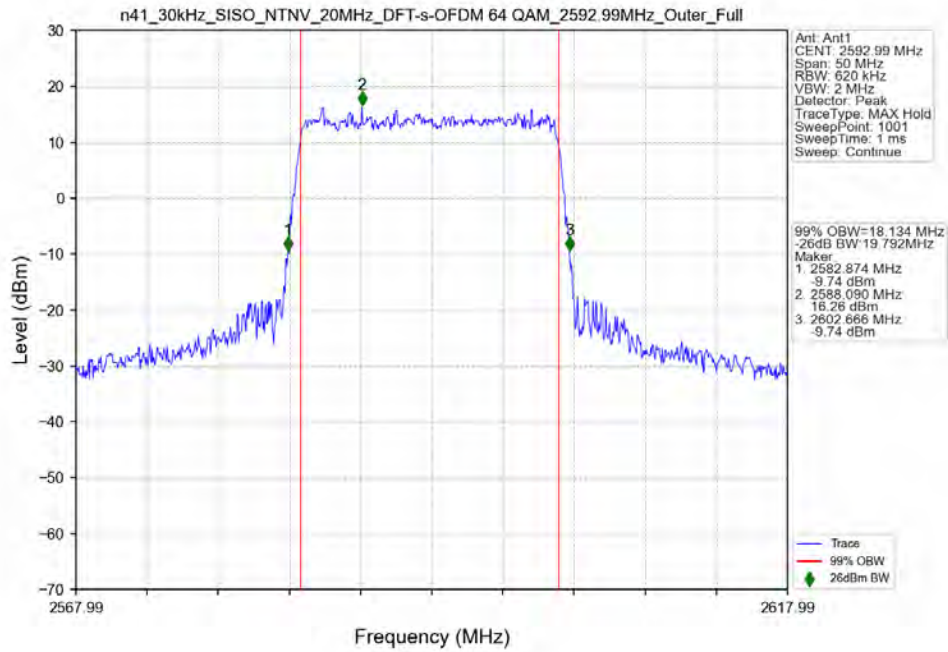
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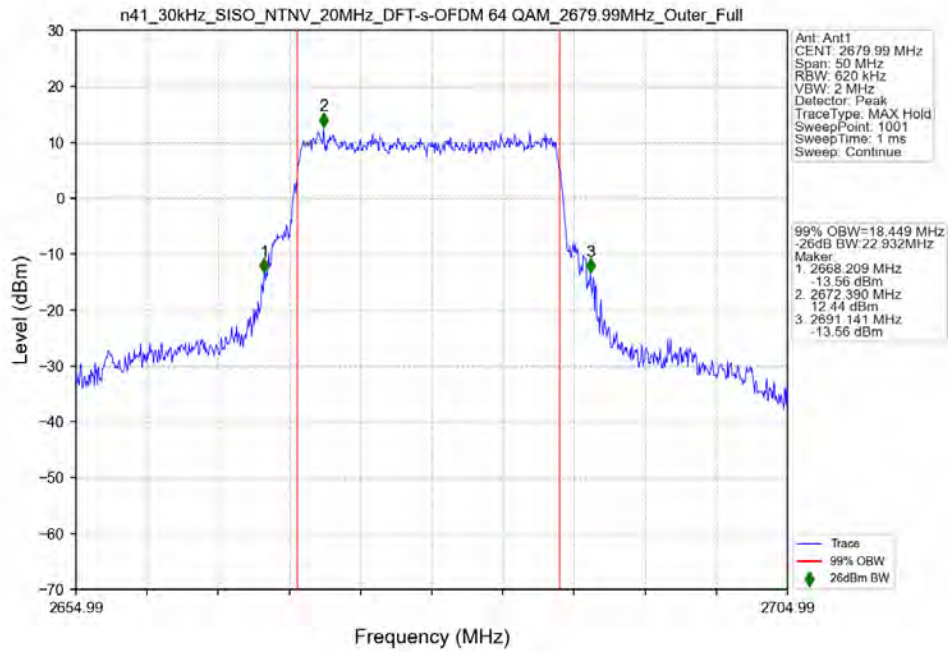
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2506.02MHz_Outer_Full



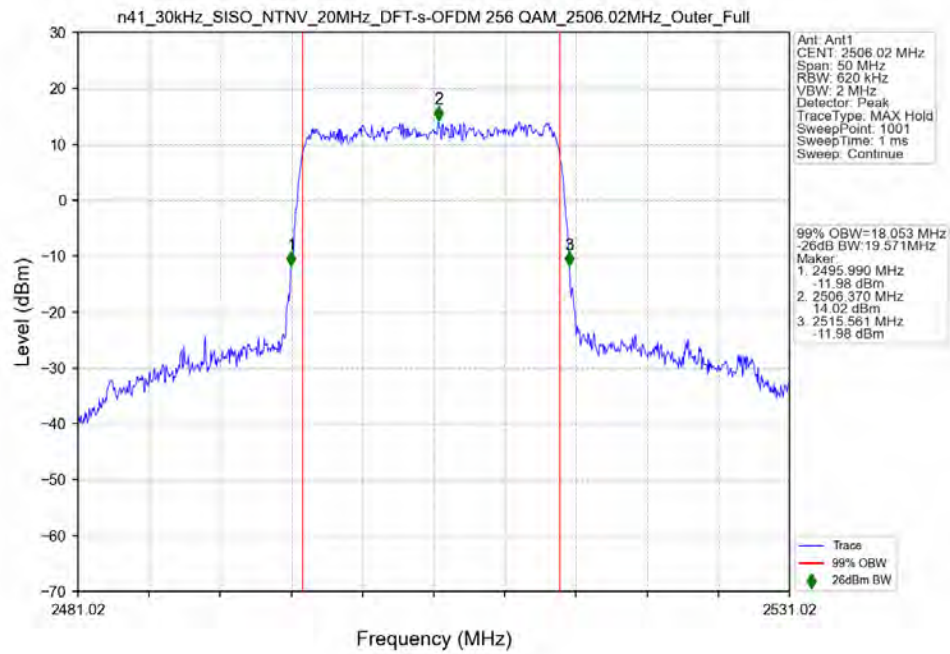
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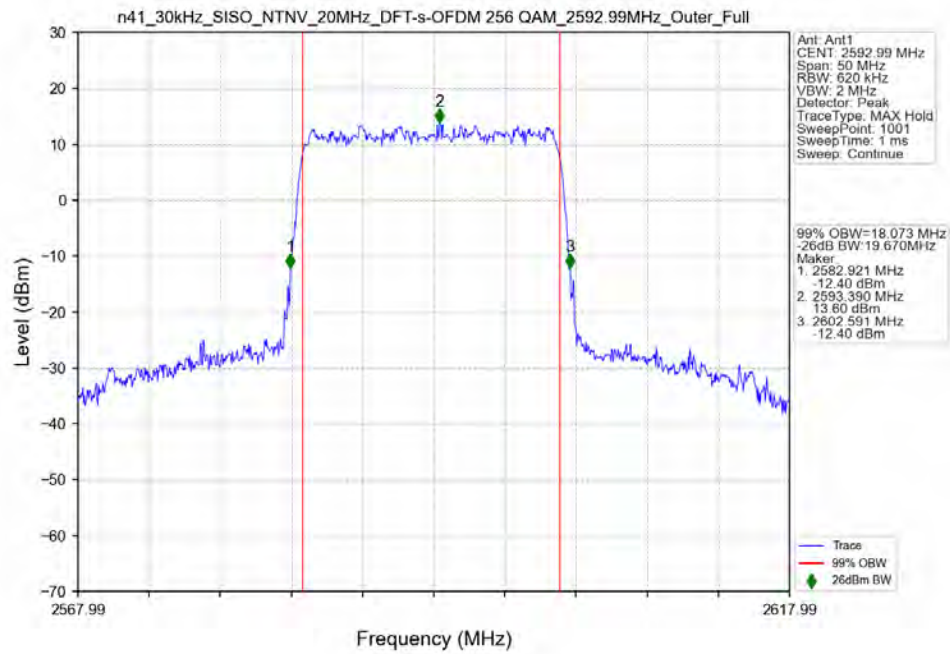
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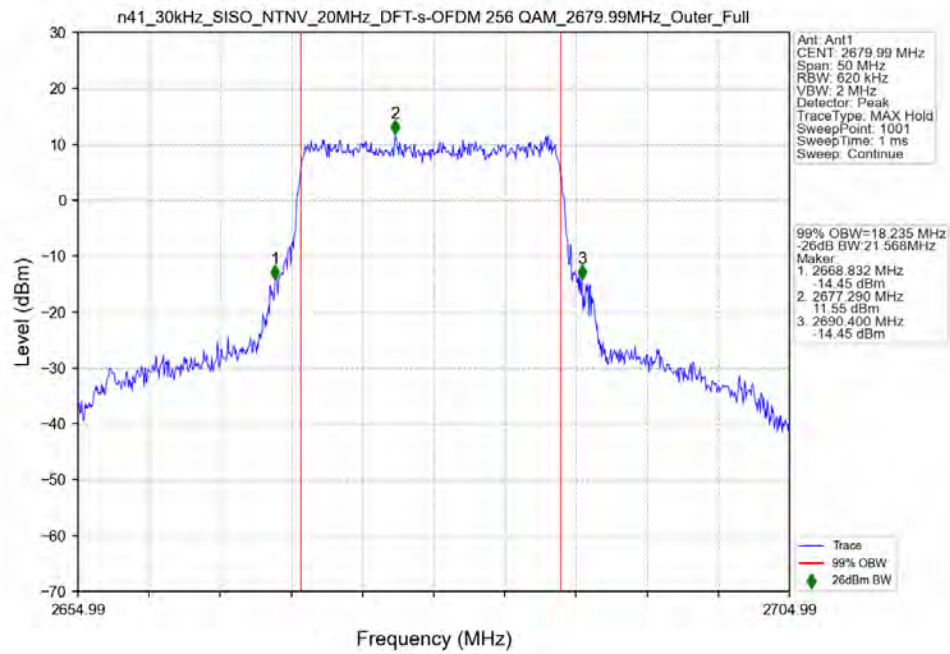
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_2506.02MHz_Outer_Full



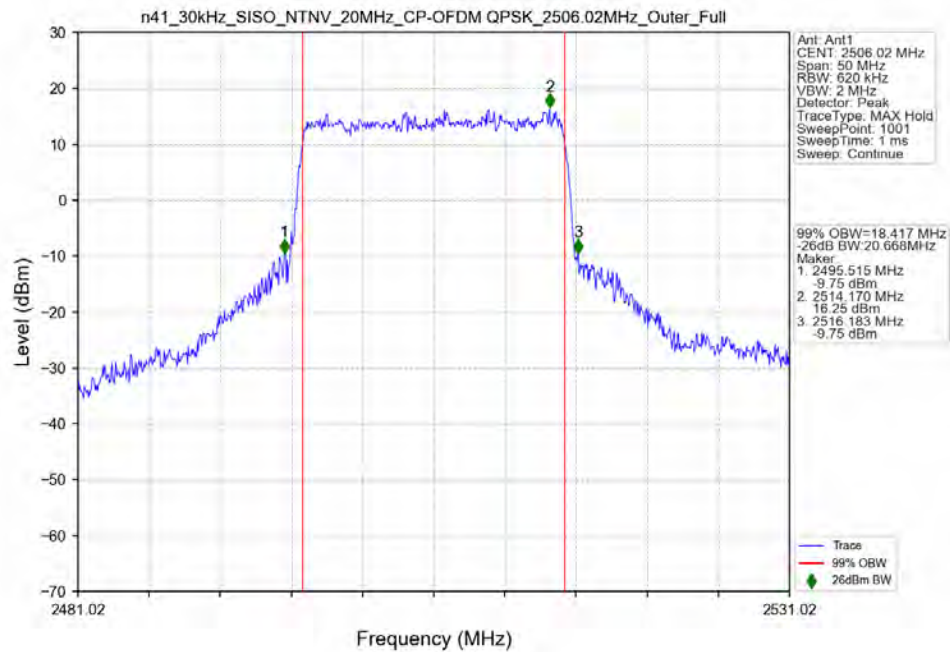
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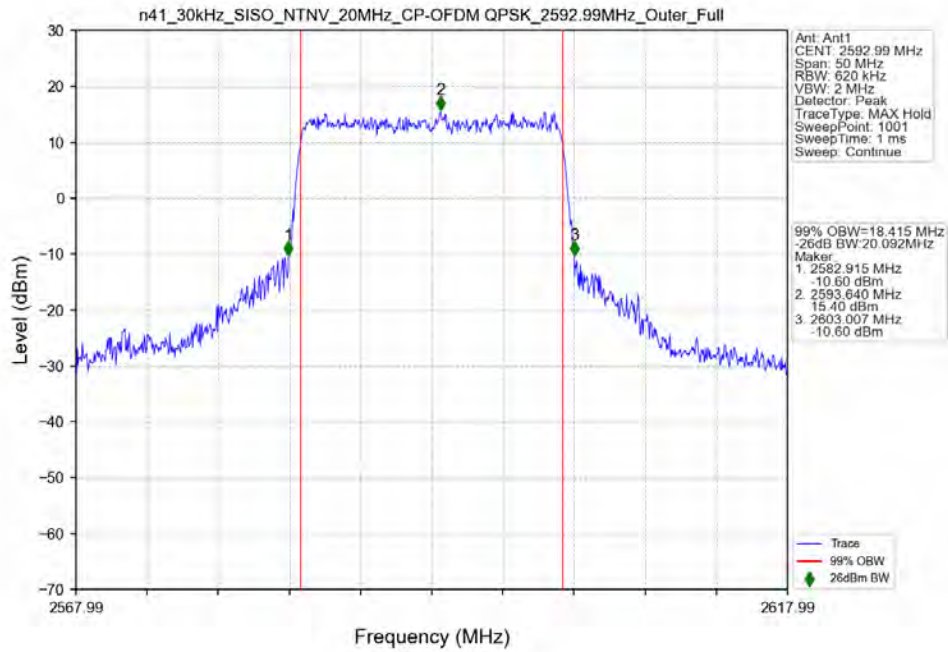
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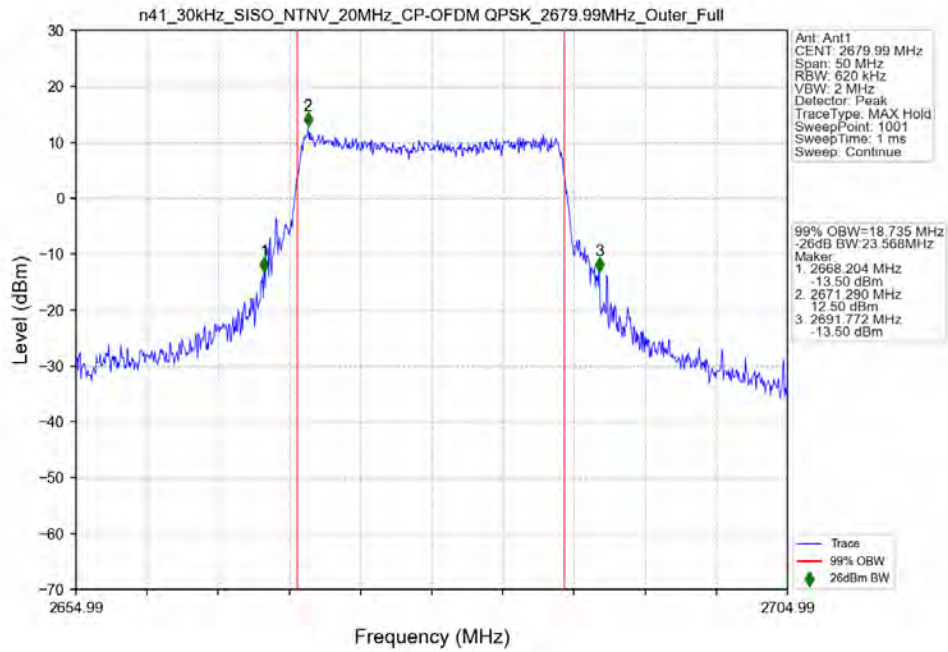
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2506.02MHz_Outer_Full



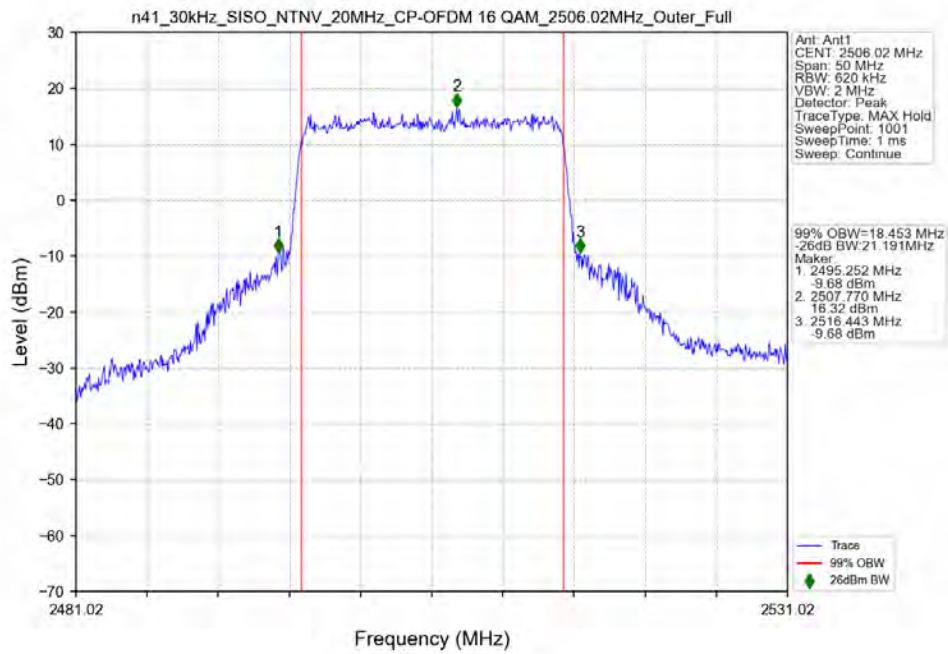
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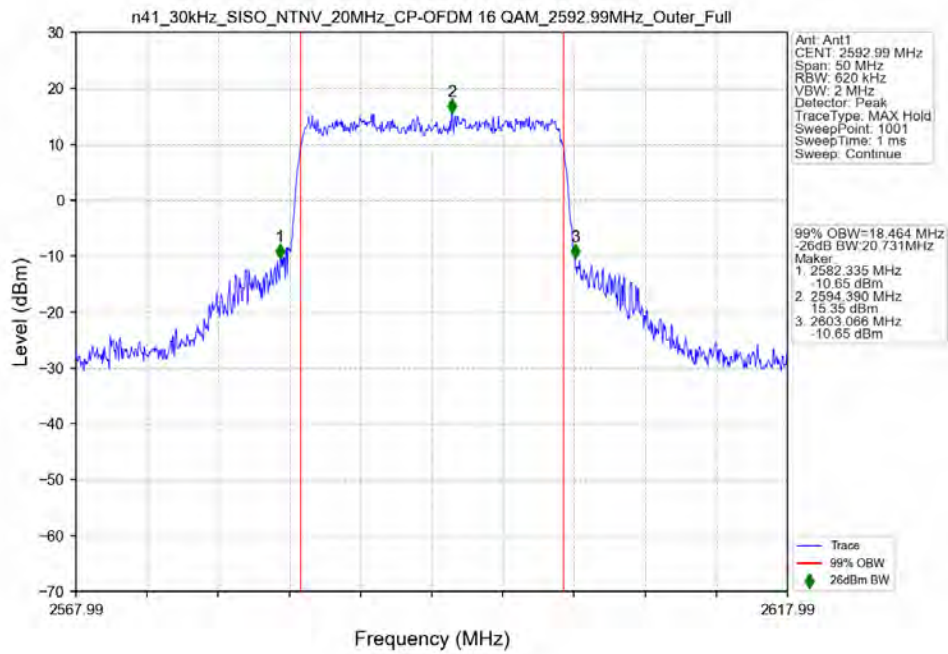
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2679.99MHz_Outer_Full



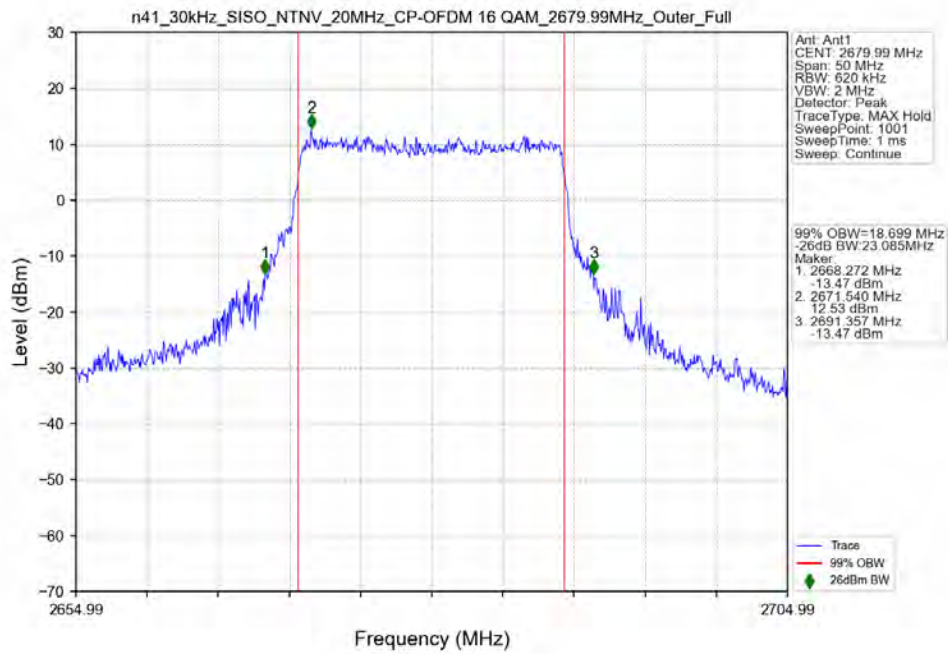
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_16QAM_2506.02MHz_Outer_Full



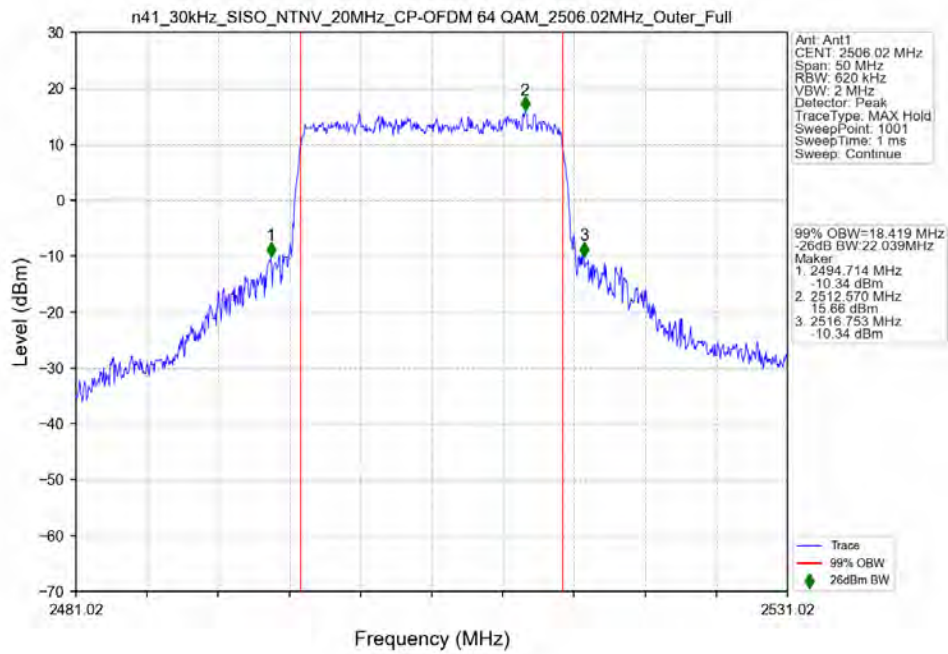
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_16QAM_2592.99MHz_Outer_Full



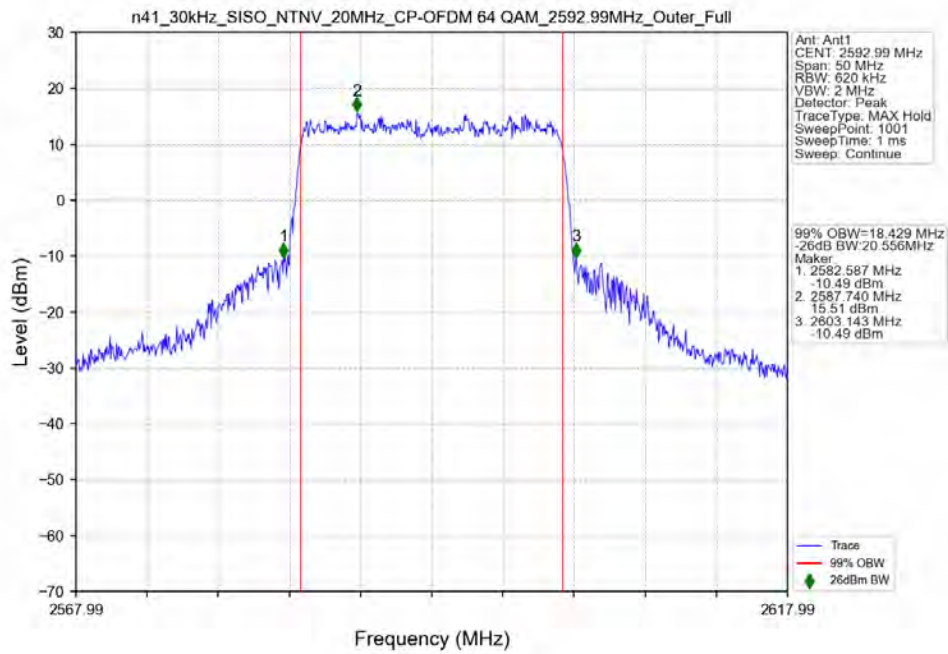
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2679.99MHz_Outer_Full



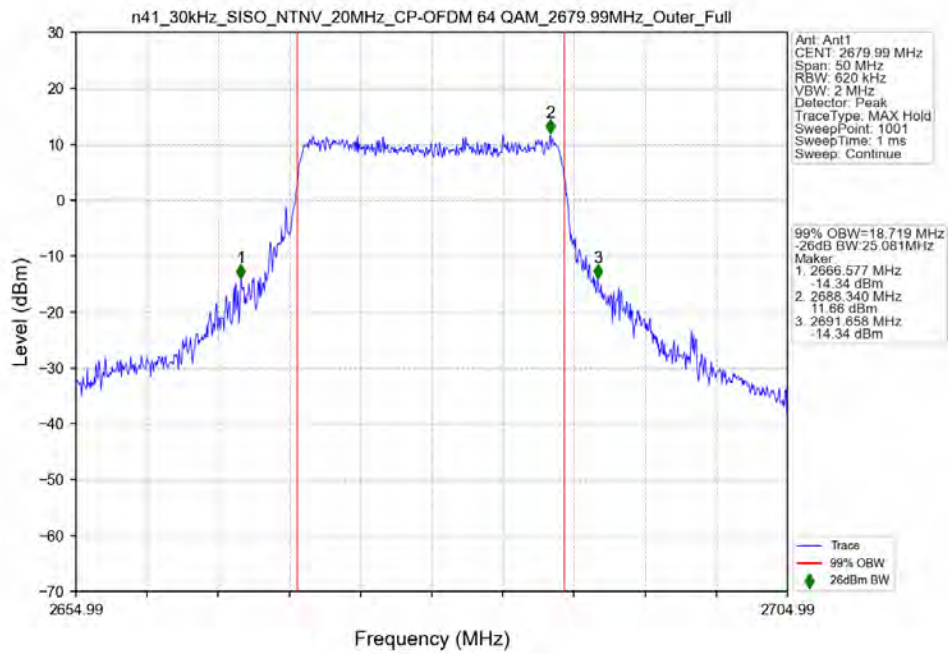
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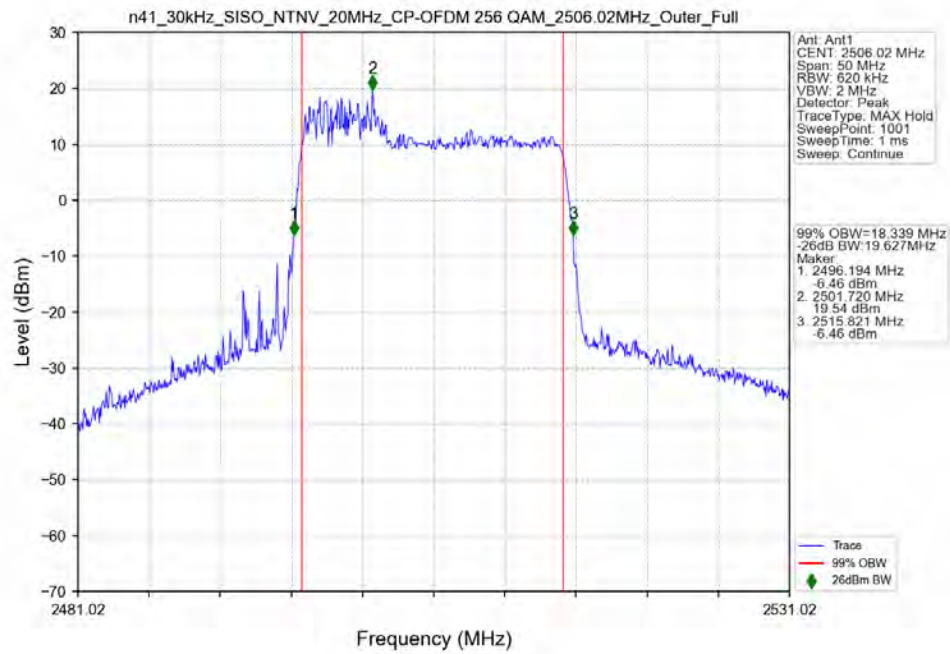
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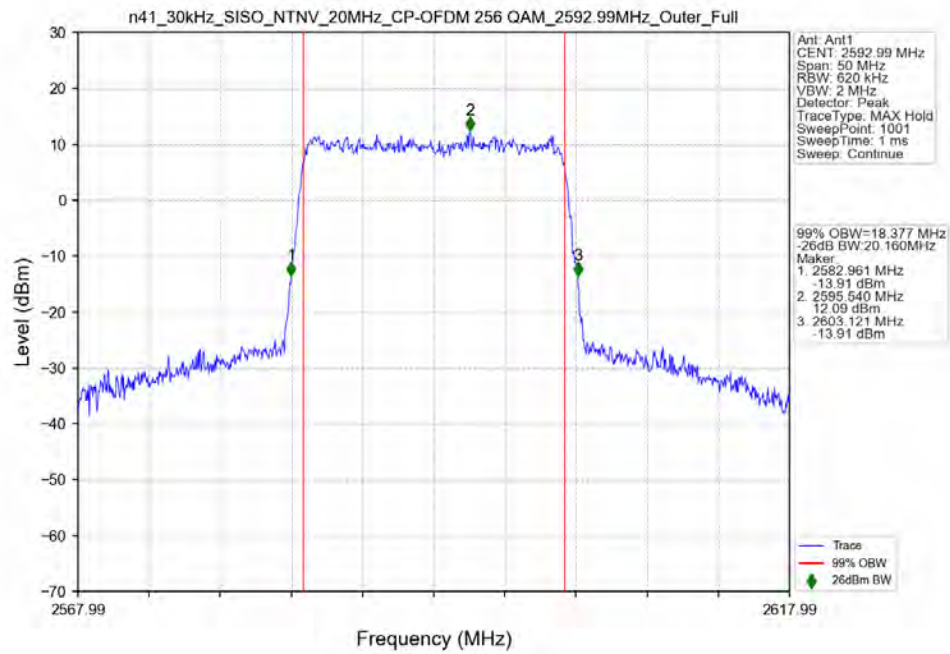
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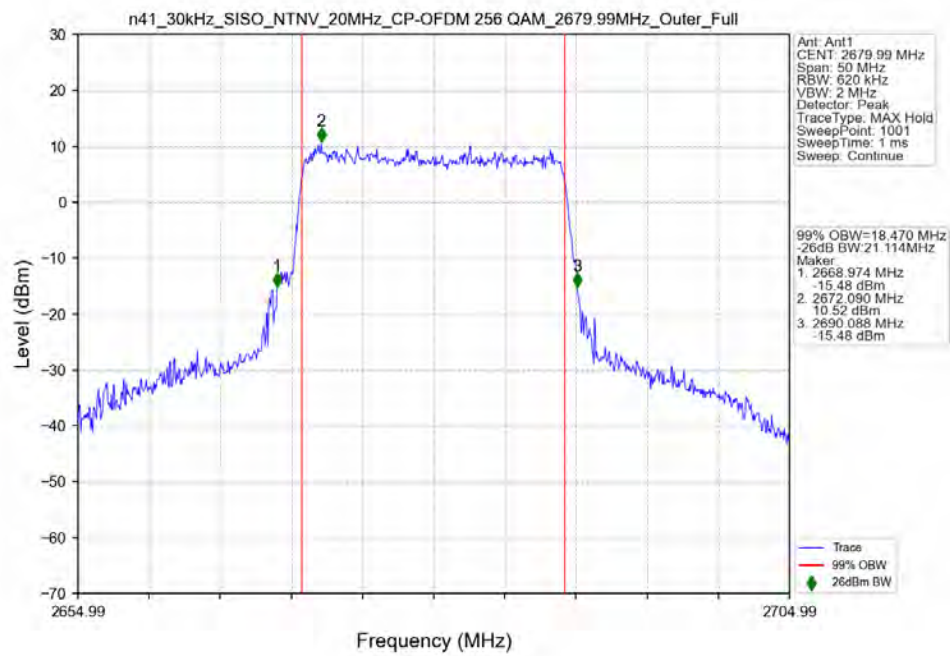
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2506.02MHz_Outer_Full



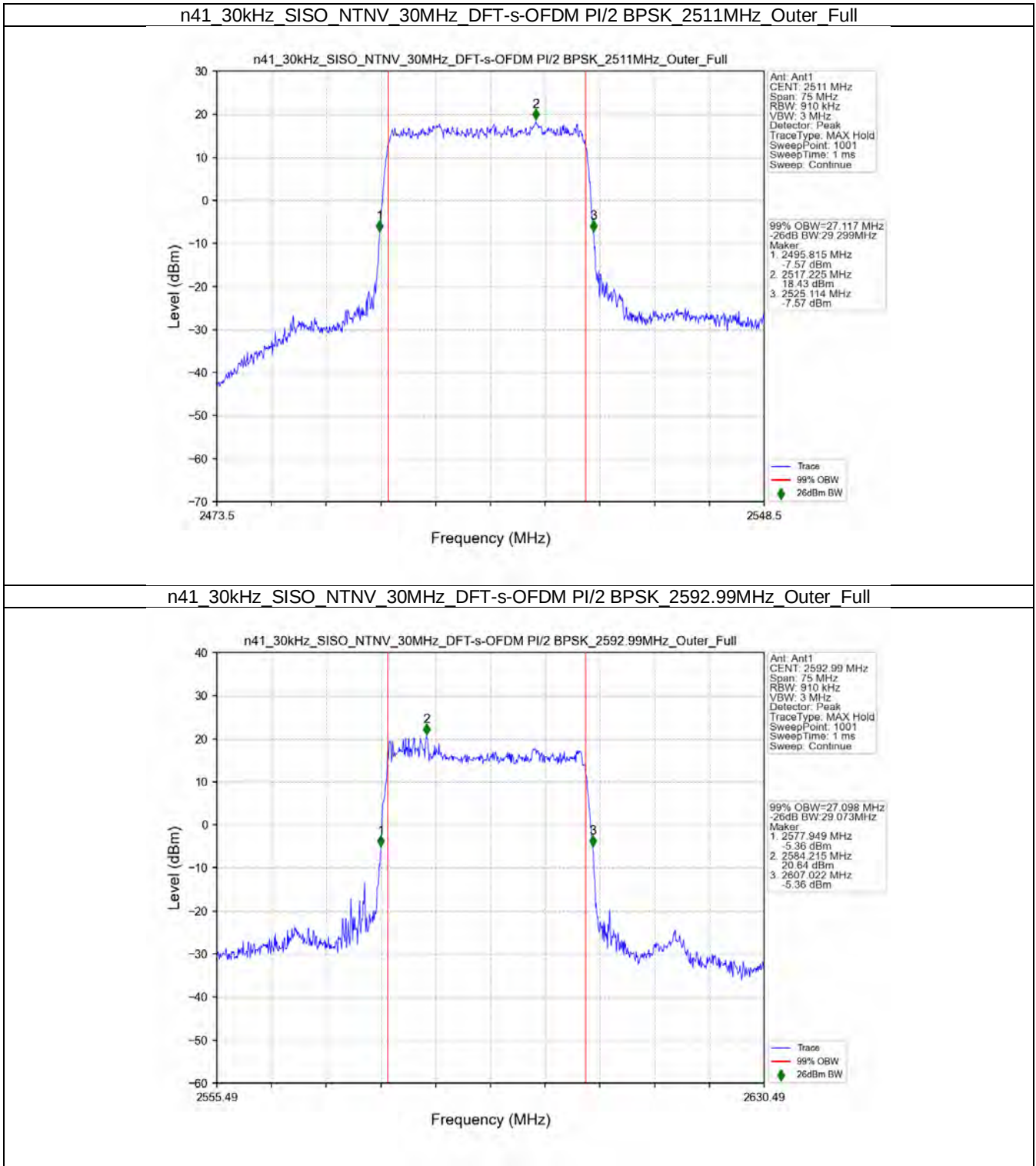
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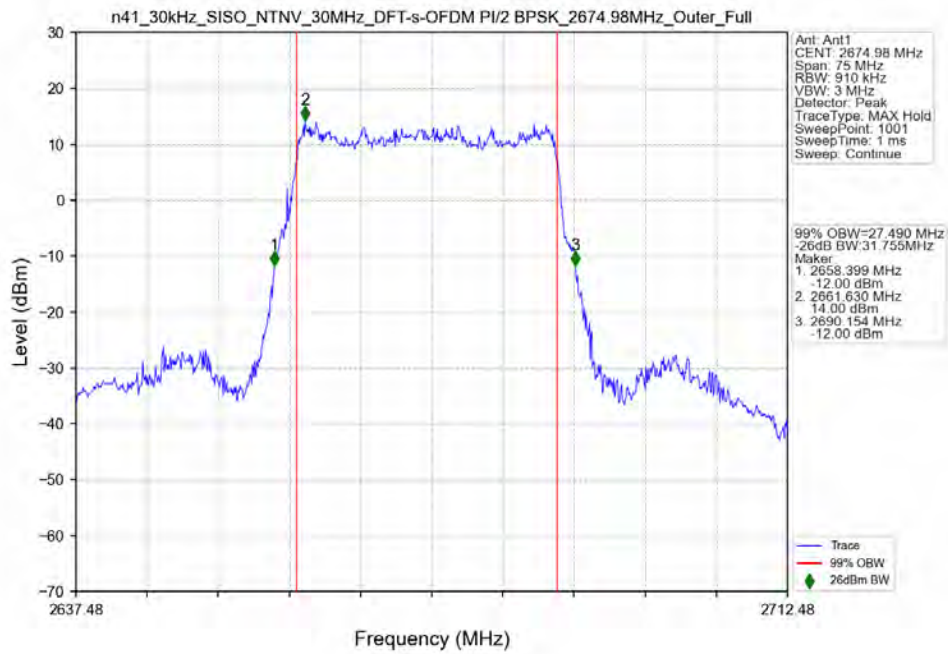
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_2679.99MHz_Outer_Full



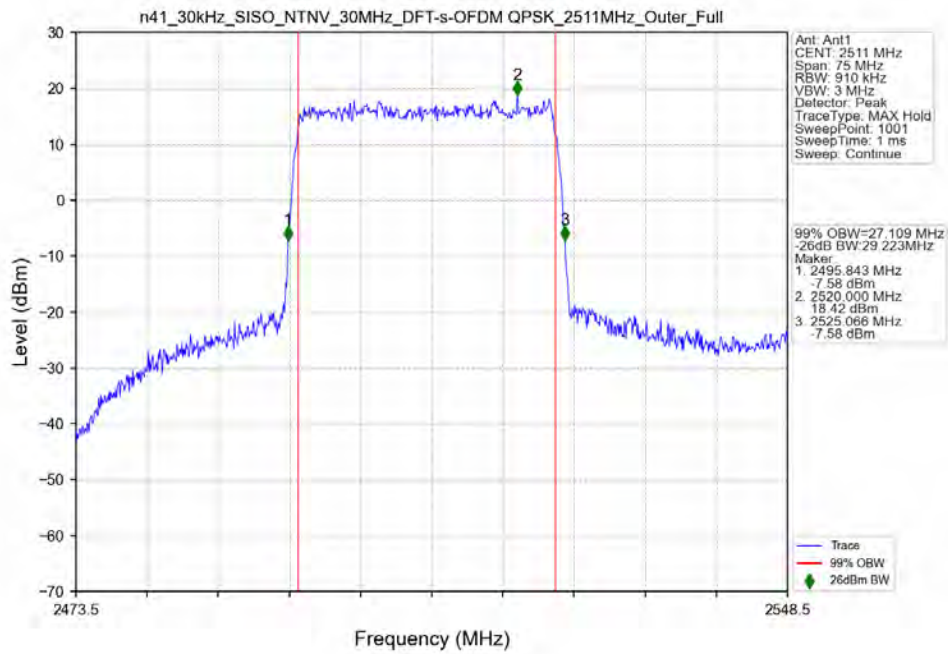
3.2.2 30k_SISO_30MHz_NTNV



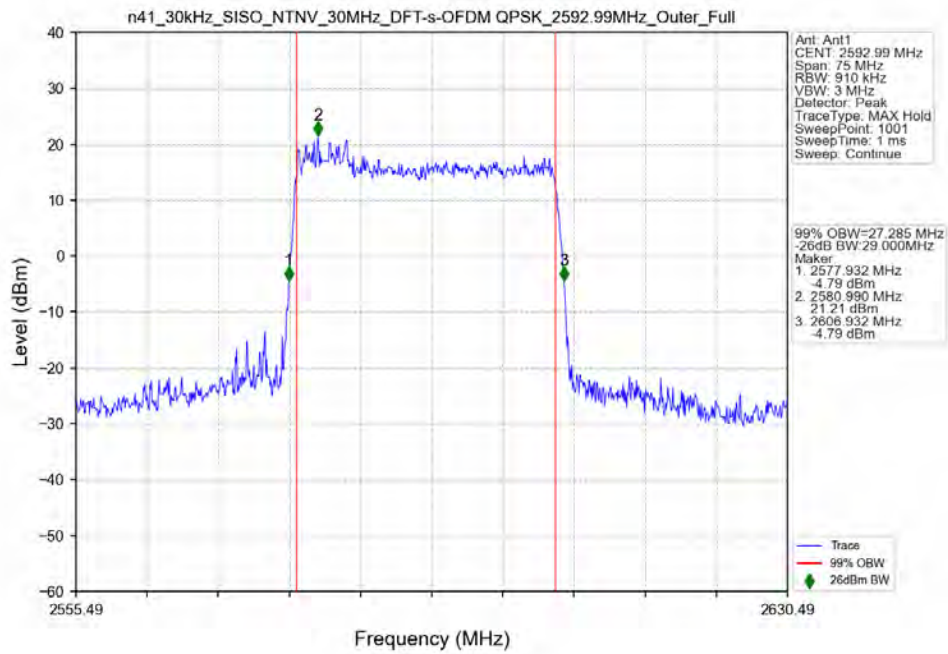
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2674.98MHz_Outer_Full



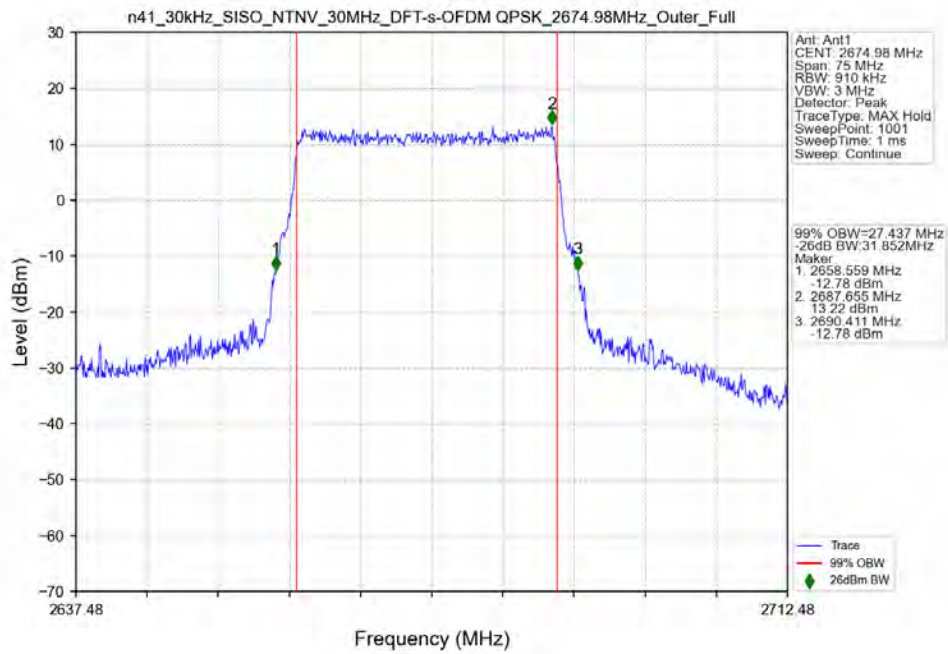
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2511MHz_Outer_Full



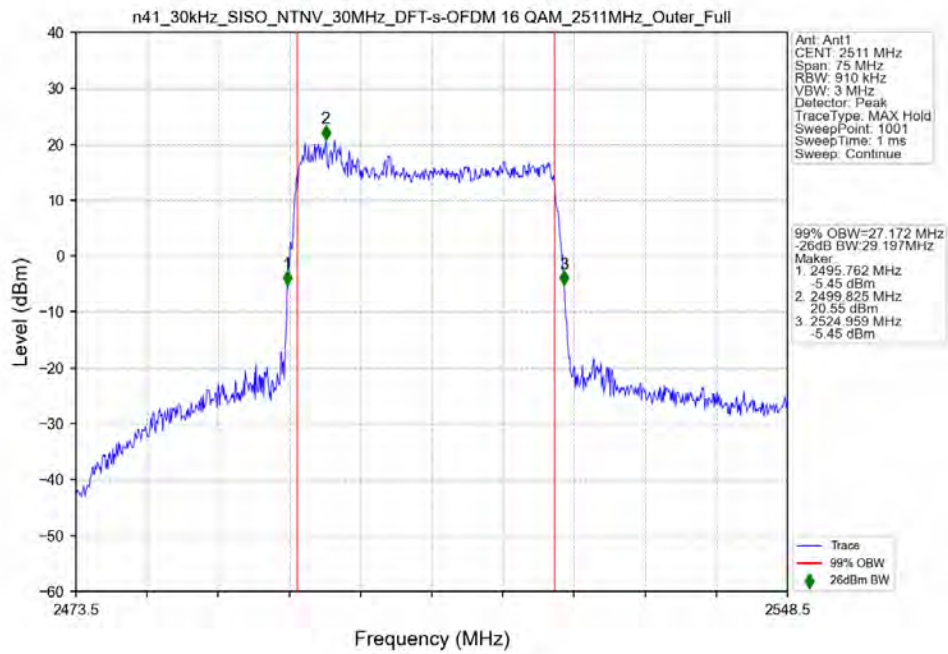
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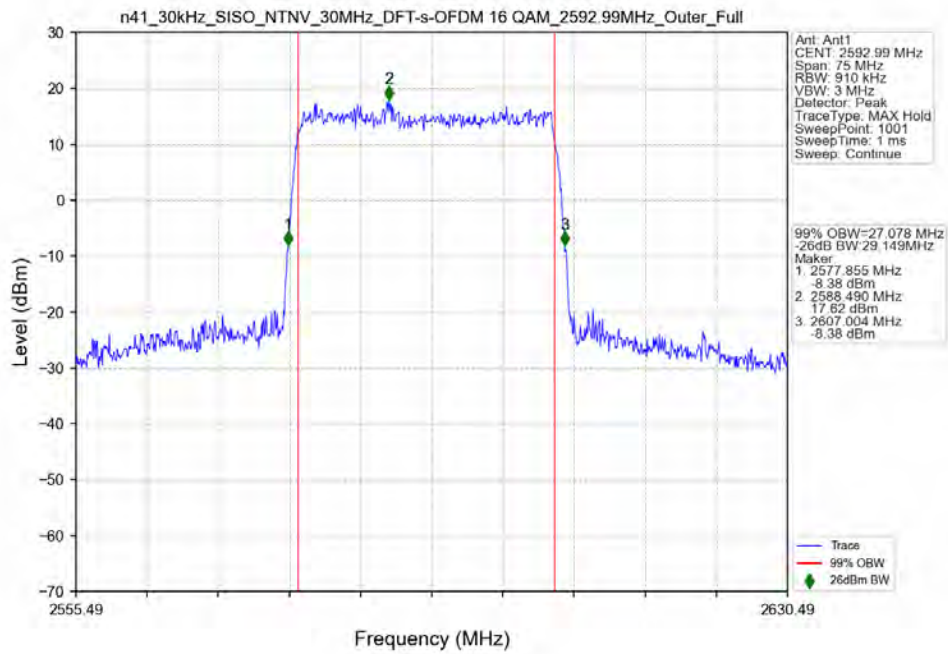
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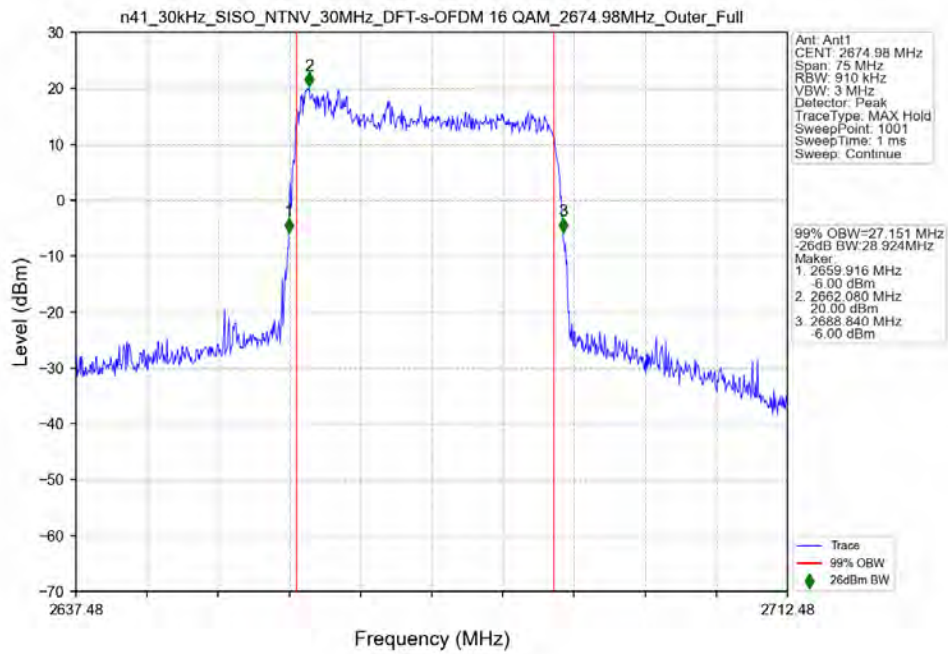
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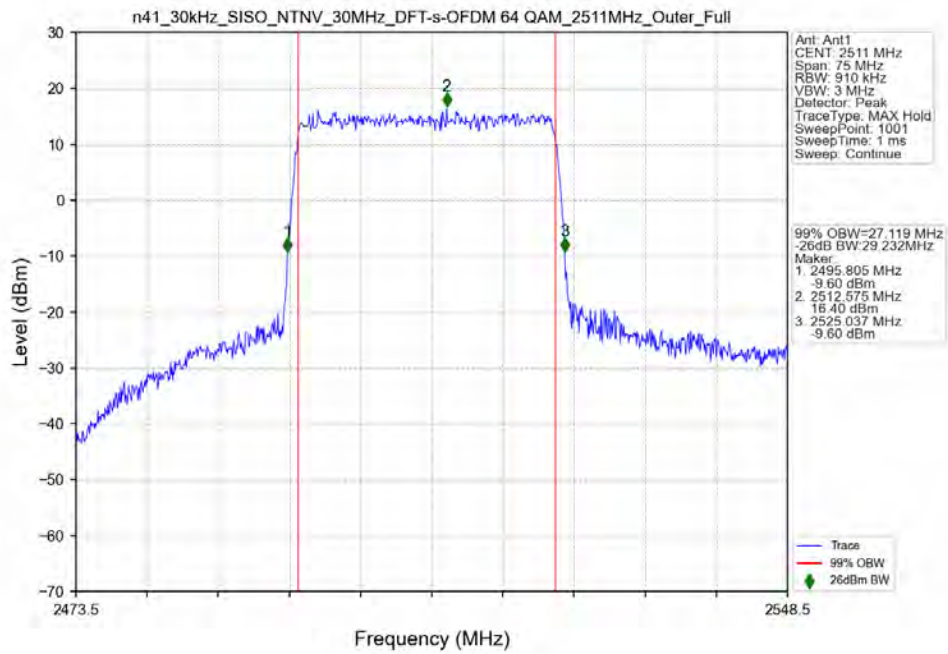
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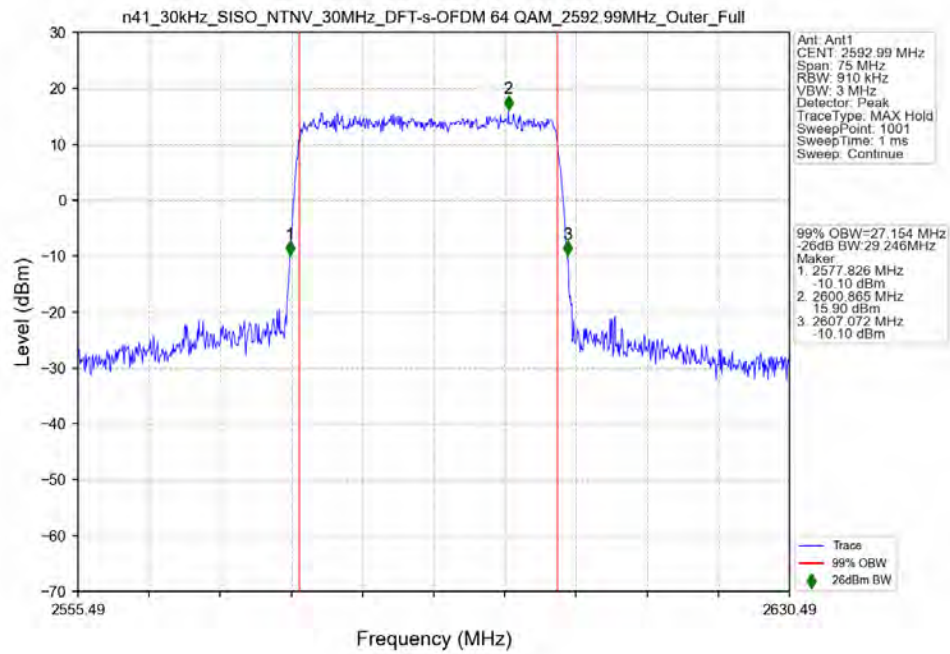
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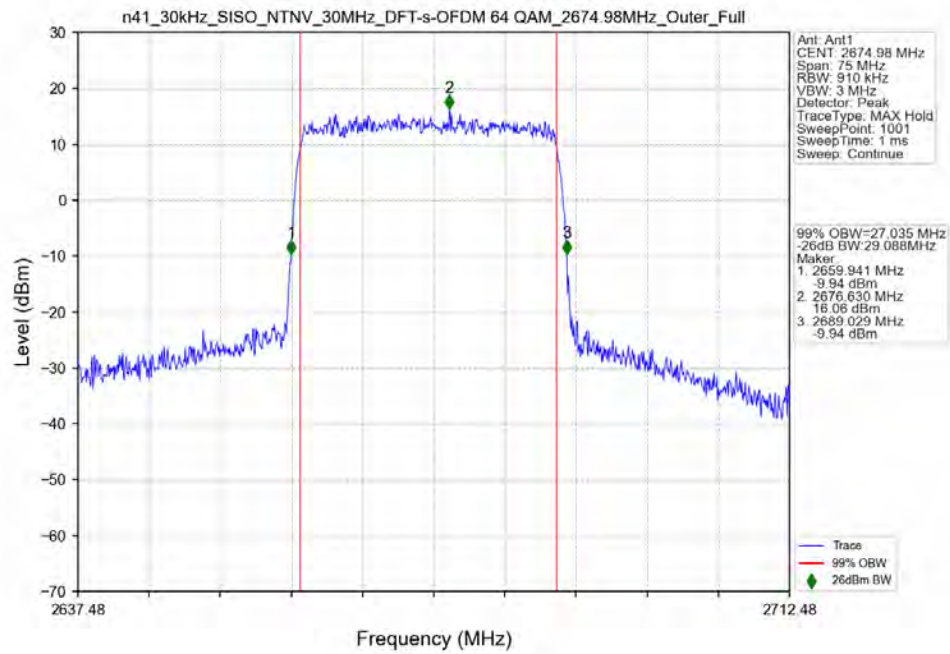
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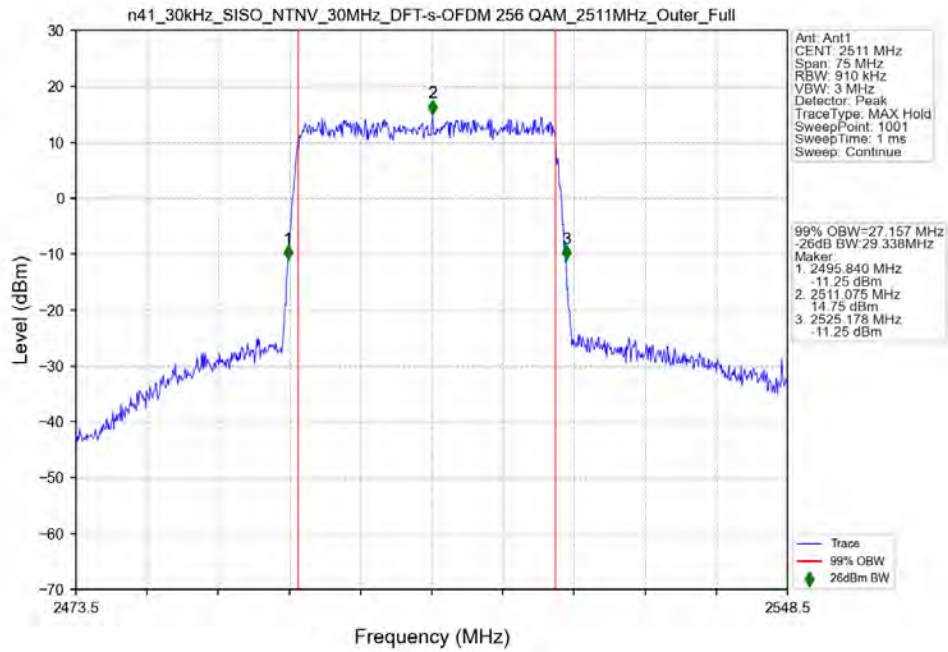
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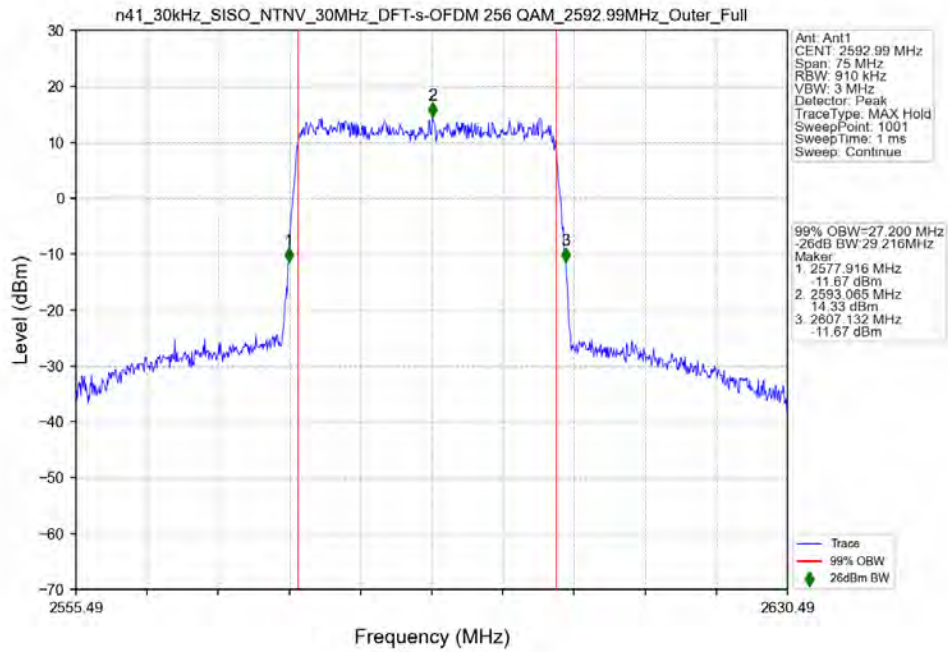
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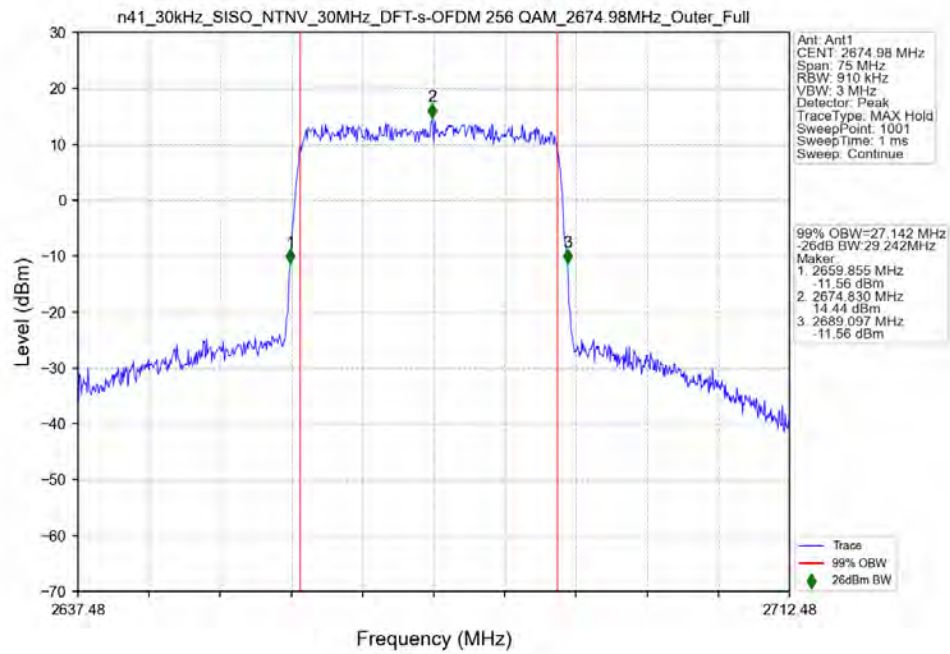
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_2511MHz_Outer_Full



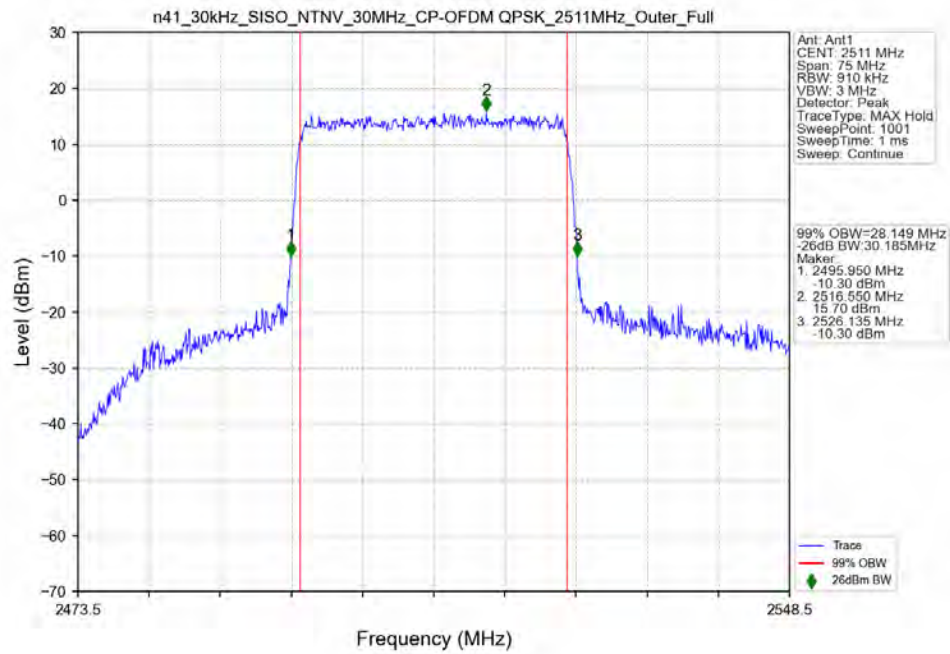
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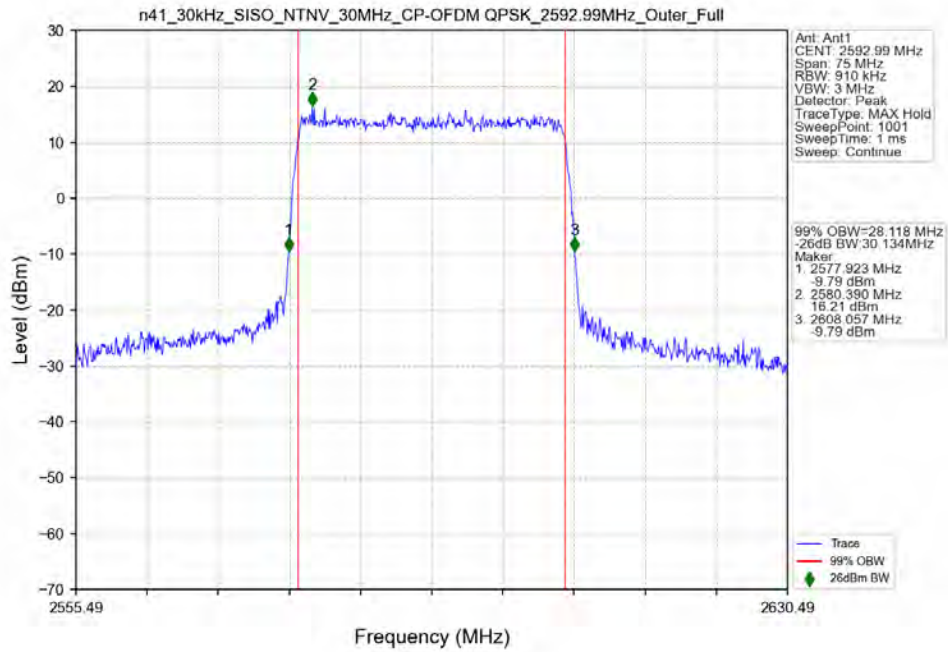
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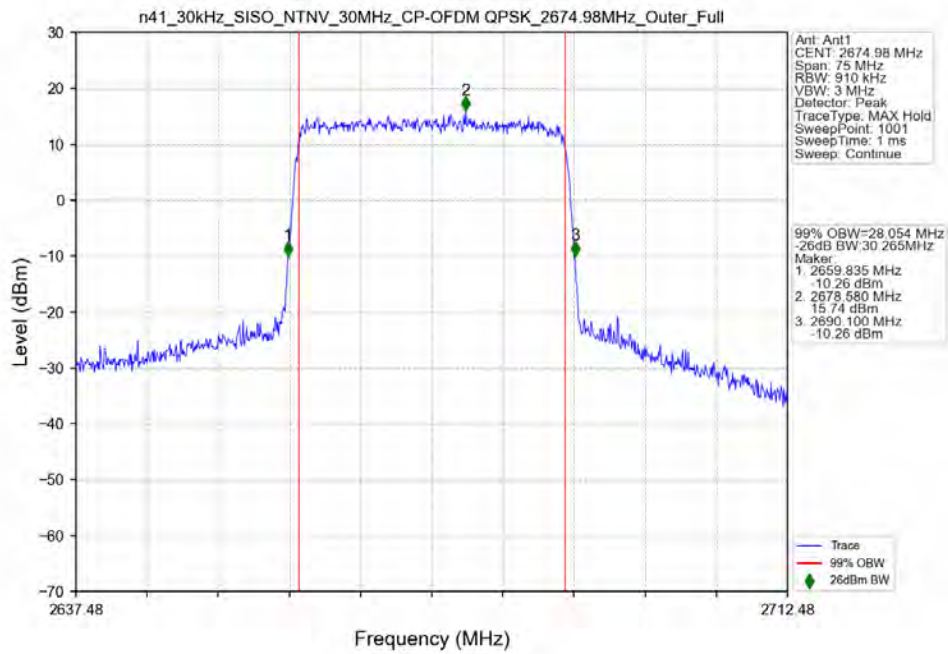
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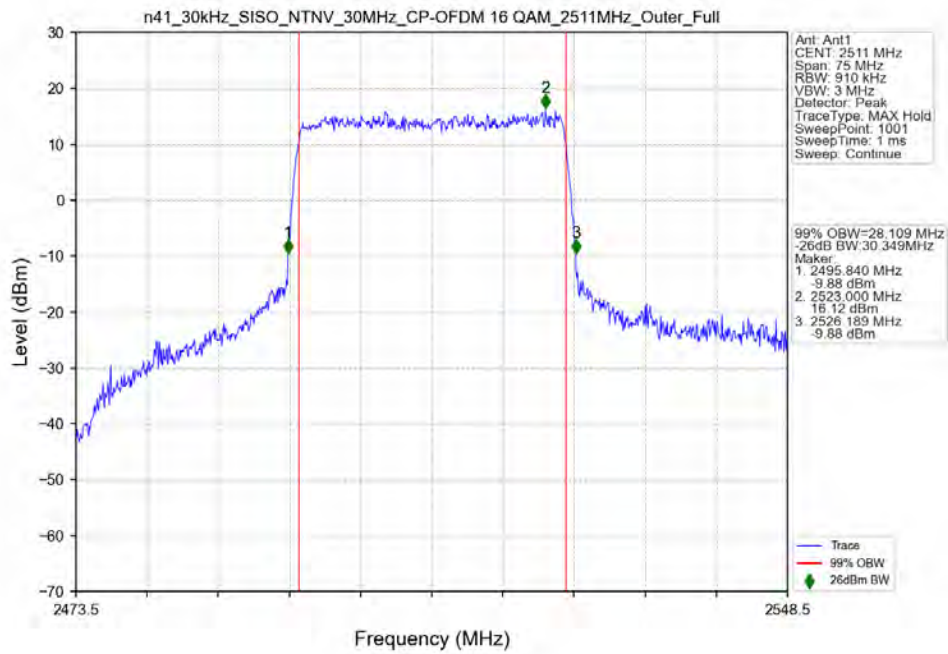
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n41_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2674.98MHz_Outer_Full



n41_30kHz_SISO_NTNV_30MHz_CP-OFDM_16QAM_2511MHz_Outer_Full



n41_30kHz_SISO_NTNV_30MHz_CP-OFDM_16QAM_2592.99MHz_Outer_Full

