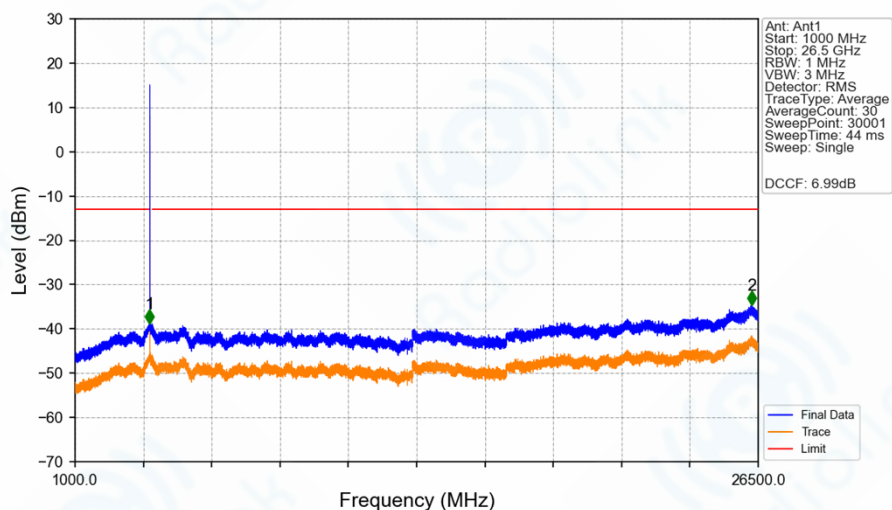
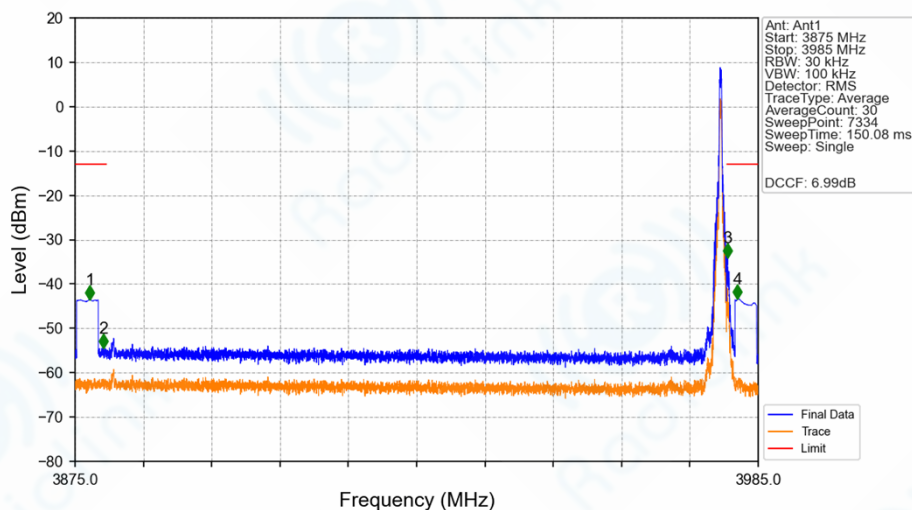


n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3785	1	/	1	3775.250	-38.80	-13	Pass
3785	3895	1	/	/	/	/	/	/
3895	26500	1	/	2	26257.750	-34.53	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



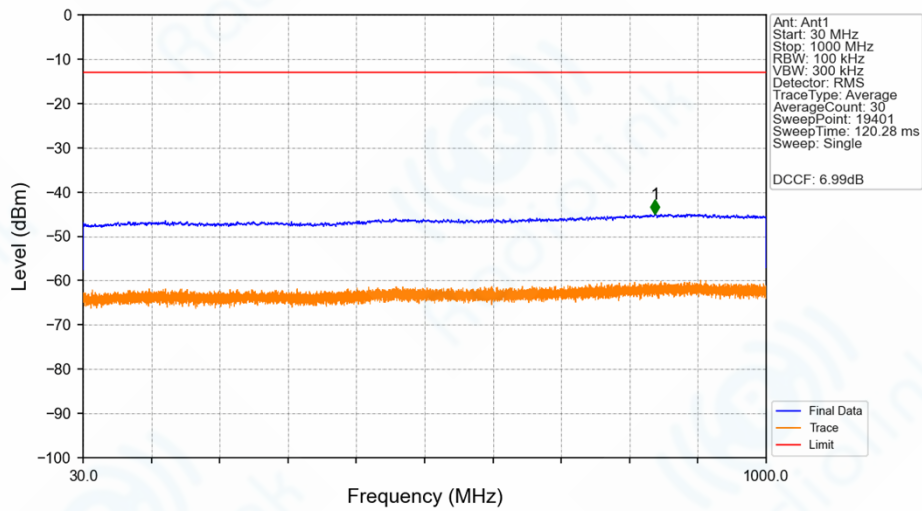
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3877.400	-43.45	-13	Pass
3879	3880	0.03	/	2	3879.575	-54.43	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	3	3980.005	-34.00	-13	Pass
3981	3985	0.5	CHP	4	3981.655	-43.35	-13	Pass

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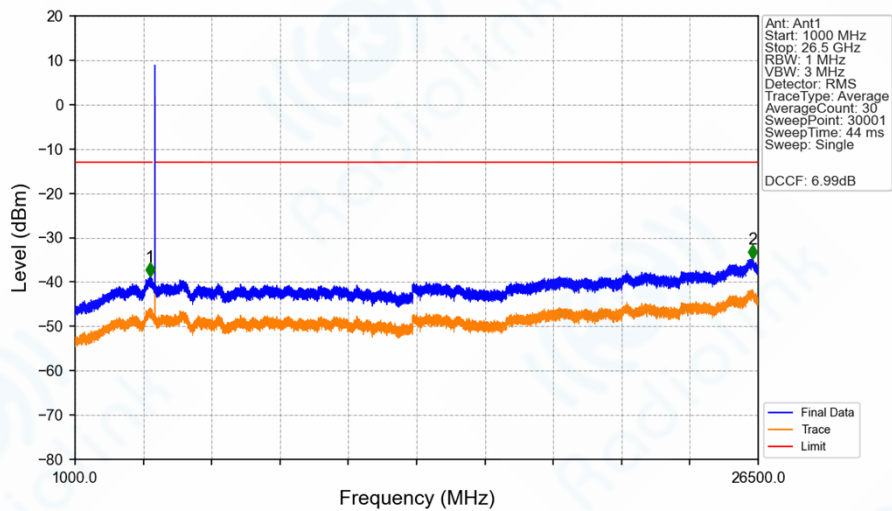
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n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



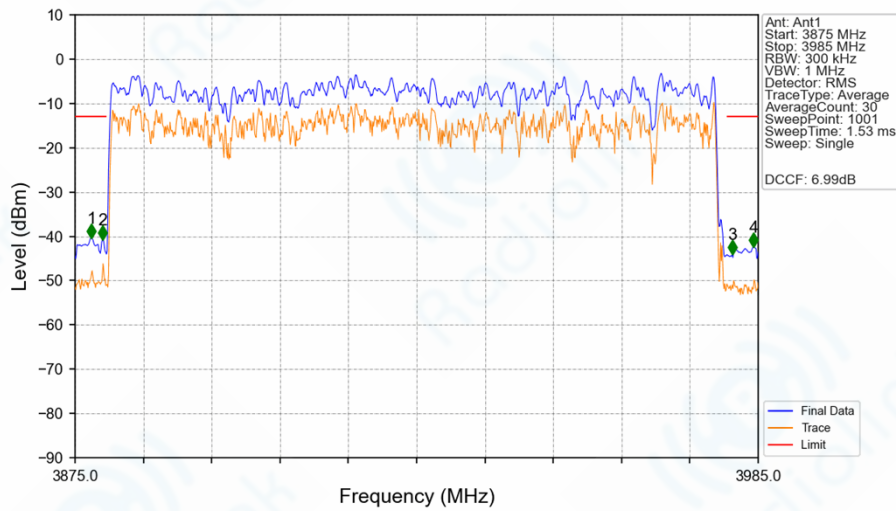
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	842.300	-44.91	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



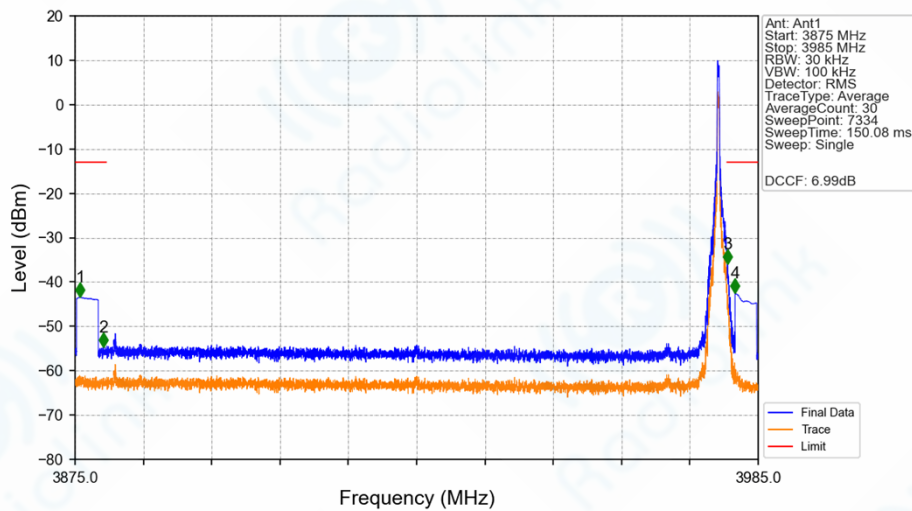
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3793.950	-38.86	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	26500	1	/	2	26292.600	-34.74	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3877.640	-40.35	-13	Pass
3879	3880	0.35	CHP	2	3879.400	-40.76	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	3	3980.820	-43.96	-13	Pass
3981	3985	0.5	CHP	4	3984.230	-42.42	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Inner_1RB_Right_Ant1

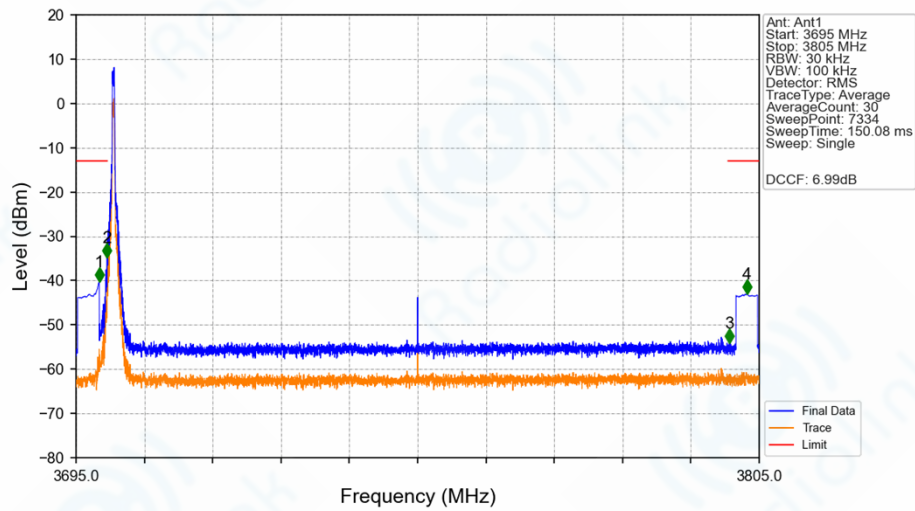


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3875.825	-43.41	-13	Pass
3879	3880	0.03	/	2	3879.575	-54.65	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	3	3980.005	-35.89	-13	Pass
3981	3985	0.5	CHP	4	3981.265	-42.45	-13	Pass

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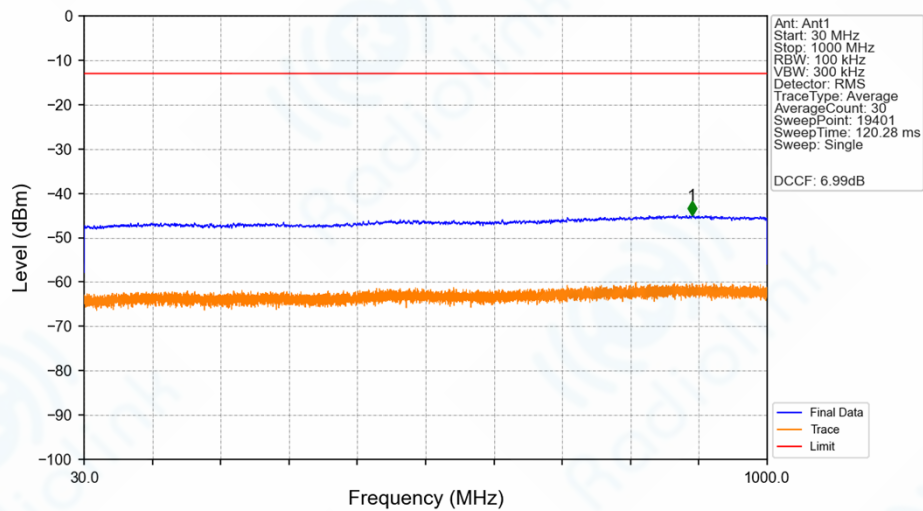
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n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	CHP	1	3698.735	-40.21	-13	Pass
3699	3700	0.03	/	2	3699.980	-34.80	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	3	3800.185	-54.10	-13	Pass
3801	3805	0.5	CHP	4	3803.035	-43.03	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



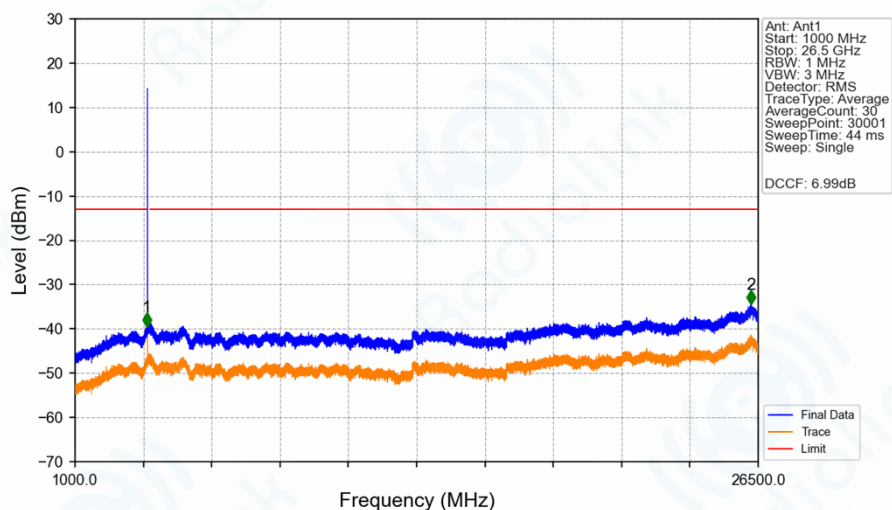
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	893.050	-44.87	-13	Pass

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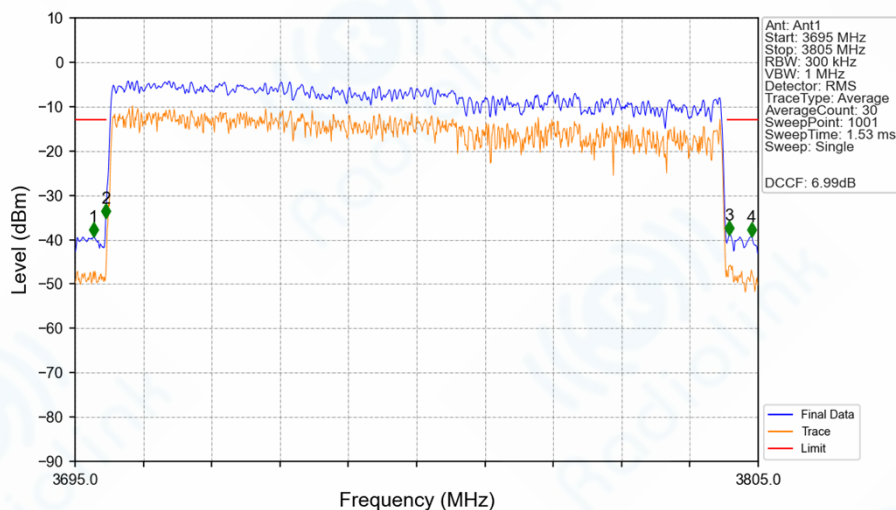
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n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



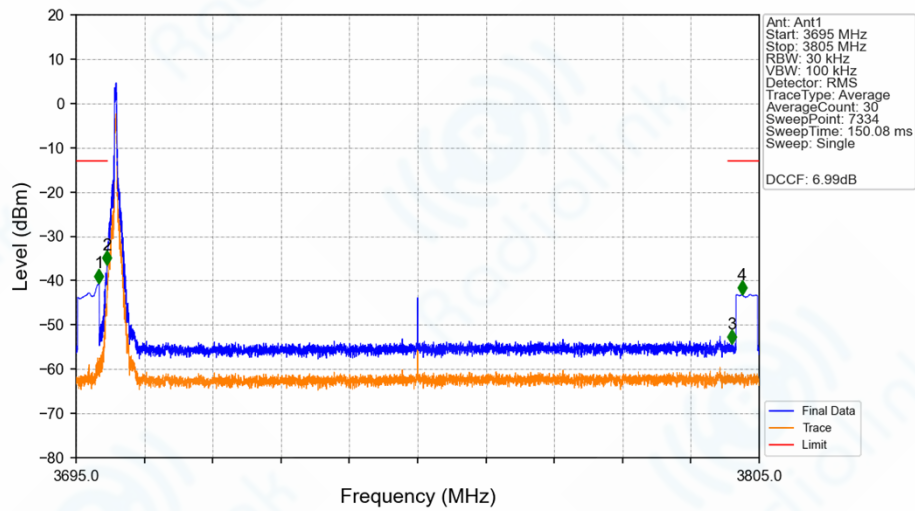
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3680.900	-39.44	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	26500	1	/	2	26225.450	-34.37	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant1



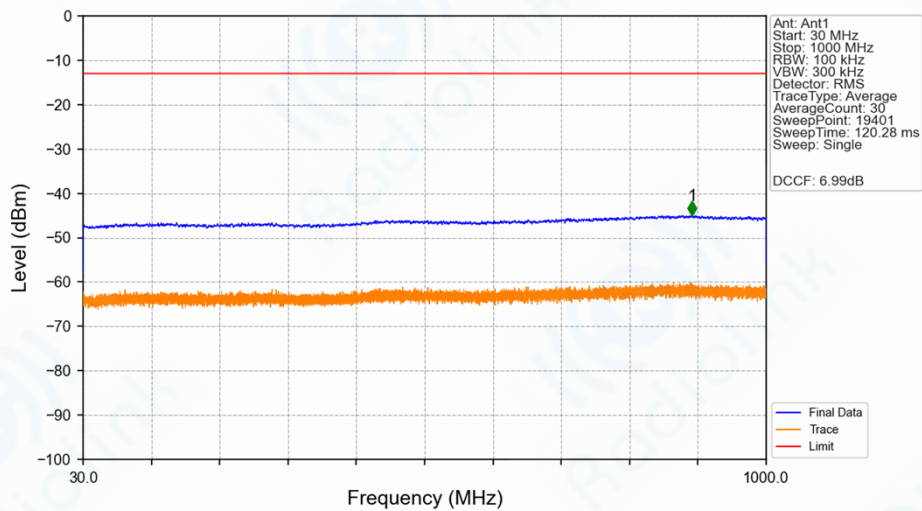
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	CHP	1	3697.970	-39.35	-13	Pass
3699	3700	0.35	CHP	2	3699.950	-35.12	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	3	3800.380	-38.90	-13	Pass
3801	3805	0.5	CHP	4	3803.900	-39.33	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Inner_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	CHP	1	3698.660	-40.51	-13	Pass
3699	3700	0.03	/	2	3699.995	-36.42	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	3	3800.605	-54.18	-13	Pass
3801	3805	0.5	CHP	4	3802.225	-43.15	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1

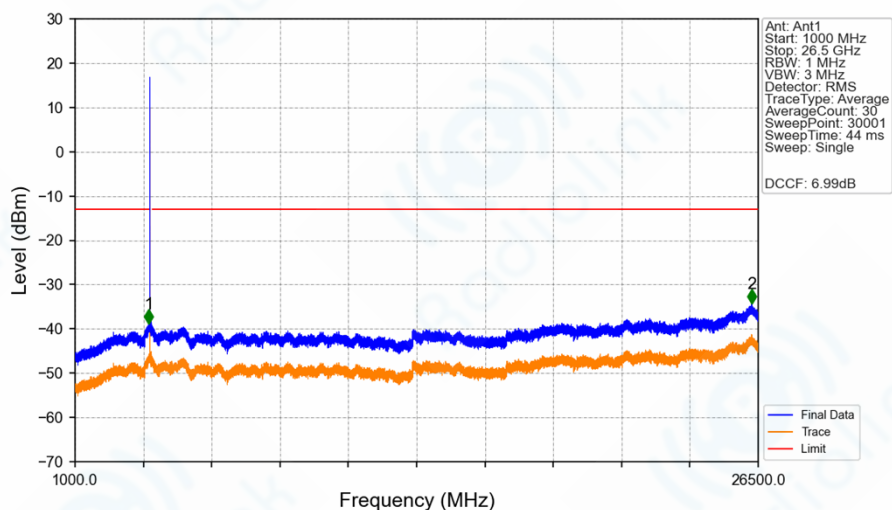


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.650	-44.95	-13	Pass

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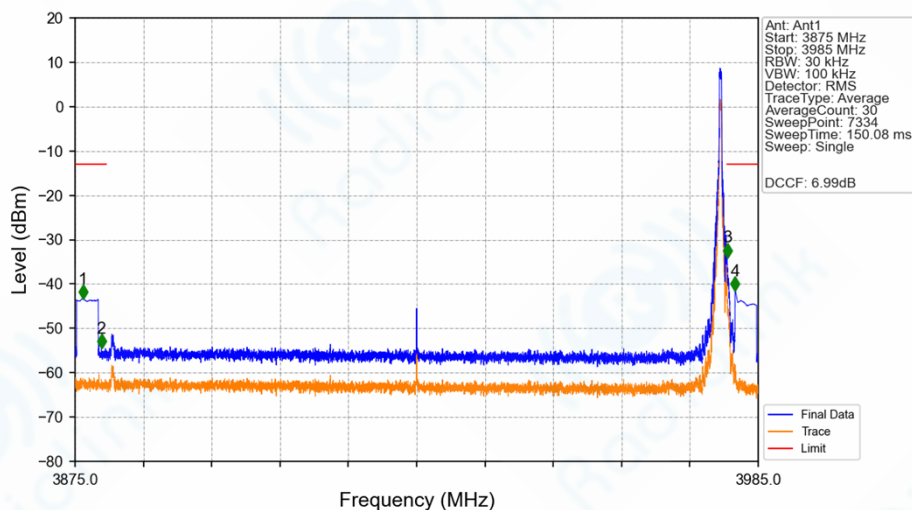
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n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3785	1	/	1	3755.700	-38.75	-13	Pass
3785	3895	1	/	/	/	/	/	/
3895	26500	1	/	2	26252.650	-34.25	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



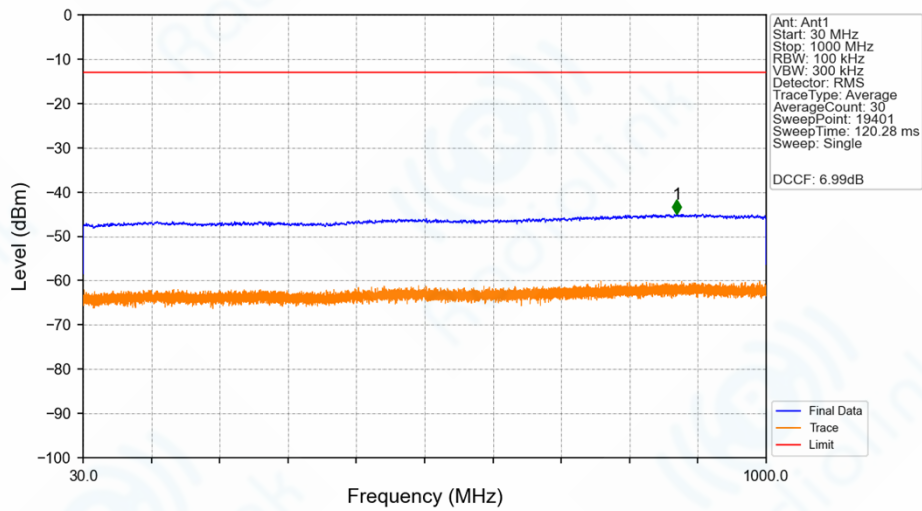
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3876.305	-43.32	-13	Pass
3879	3880	0.03	/	2	3879.230	-54.52	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	3	3980.005	-33.96	-13	Pass
3981	3985	0.5	CHP	4	3981.265	-41.43	-13	Pass

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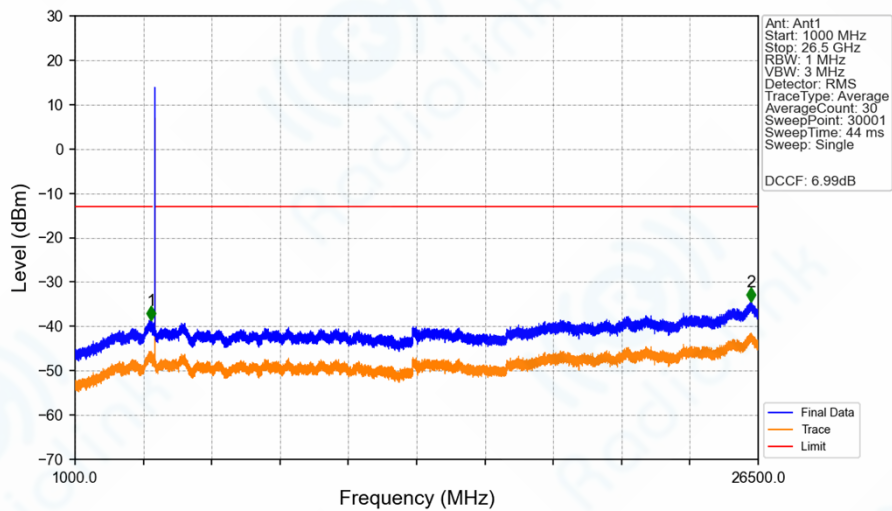
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n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



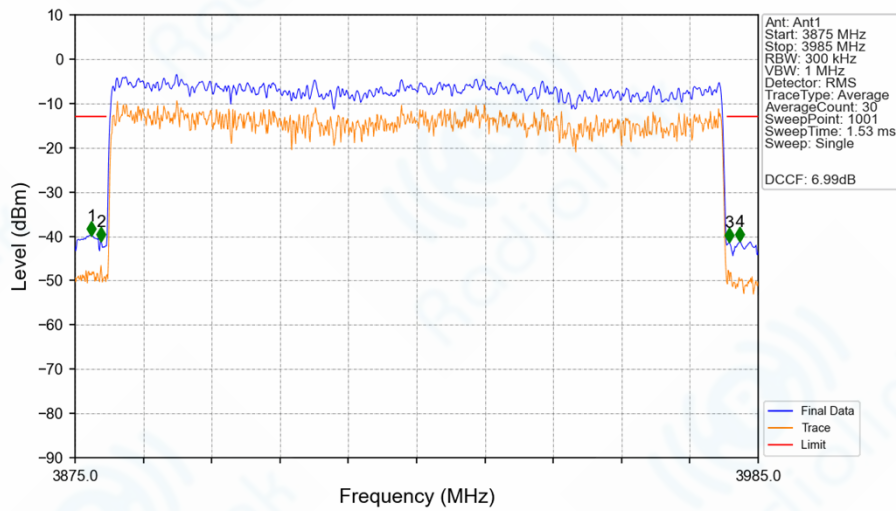
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	872.900	-45.02	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



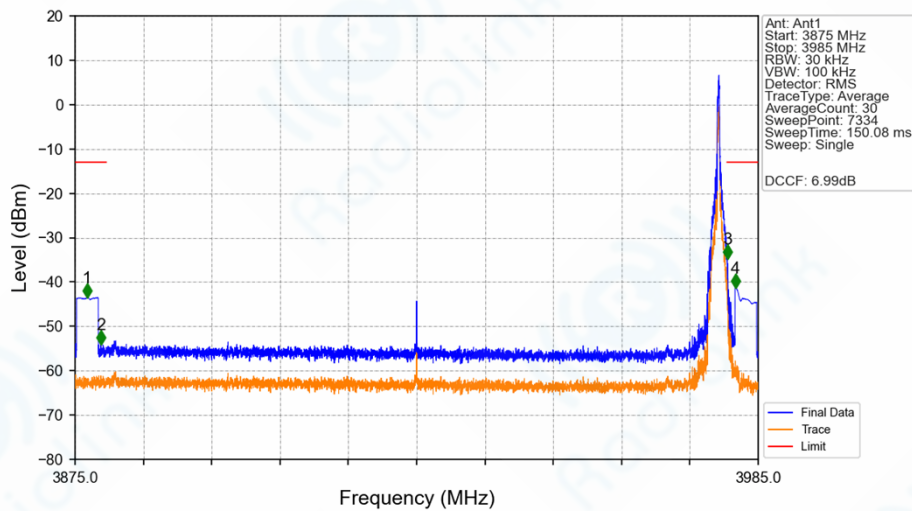
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3836.450	-38.59	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	26500	1	/	2	26235.650	-34.48	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3877.640	-39.77	-13	Pass
3879	3880	0.35	CHP	2	3879.180	-41.15	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	3	3980.270	-41.32	-13	Pass
3981	3985	0.5	CHP	4	3982.030	-41.20	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Inner_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3879	0.5	CHP	1	3876.920	-43.49	-13	Pass
3879	3880	0.03	/	2	3879.155	-54.14	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	3	3980.020	-34.81	-13	Pass
3981	3985	0.5	CHP	4	3981.340	-41.25	-13	Pass

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6. Frequency Stability (IC)

6.1 Test Result

6.1.1 30_S_10M

5G NR n77a SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3835.690	3844.240	3700 to 3980	Pass
				HV	3835.698	3844.349	3700 to 3980	Pass
			-30	NV	3835.643	3844.372	3700 to 3980	Pass
			-20	NV	3835.727	3844.356	3700 to 3980	Pass
			-10	NV	3835.664	3844.327	3700 to 3980	Pass
			0	NV	3835.685	3844.328	3700 to 3980	Pass
			10	NV	3835.738	3844.362	3700 to 3980	Pass
			20	NV	3835.617	3844.290	3700 to 3980	Pass
			30	NV	3835.674	3844.319	3700 to 3980	Pass
			40	NV	3835.636	3844.360	3700 to 3980	Pass
			50	NV	3835.661	3844.323	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3835.655	3844.351	3700 to 3980	Pass
				HV	3835.722	3844.341	3700 to 3980	Pass
			-30	NV	3835.649	3844.268	3700 to 3980	Pass
			-20	NV	3835.650	3844.297	3700 to 3980	Pass
			-10	NV	3835.683	3844.263	3700 to 3980	Pass
			0	NV	3835.627	3844.297	3700 to 3980	Pass
			10	NV	3835.678	3844.349	3700 to 3980	Pass
			20	NV	3835.670	3844.346	3700 to 3980	Pass
			30	NV	3835.728	3844.322	3700 to 3980	Pass
			40	NV	3835.669	3844.314	3700 to 3980	Pass
			50	NV	3835.675	3844.347	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3835.703	3844.307	3700 to 3980	Pass
				HV	3835.693	3844.367	3700 to 3980	Pass
			-30	NV	3835.675	3844.349	3700 to 3980	Pass
			-20	NV	3835.720	3844.351	3700 to 3980	Pass
			-10	NV	3835.689	3844.323	3700 to 3980	Pass
			0	NV	3835.674	3844.352	3700 to 3980	Pass
			10	NV	3835.649	3844.363	3700 to 3980	Pass
			20	NV	3835.714	3844.358	3700 to 3980	Pass
			30	NV	3835.770	3844.345	3700 to 3980	Pass
			40	NV	3835.669	3844.318	3700 to 3980	Pass
			50	NV	3835.668	3844.326	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3835.673	3844.364	3700 to 3980	Pass
				HV	3835.674	3844.295	3700 to 3980	Pass
			-30	NV	3835.698	3844.327	3700 to 3980	Pass
			-20	NV	3835.664	3844.337	3700 to 3980	Pass
			-10	NV	3835.707	3844.367	3700 to 3980	Pass
			0	NV	3835.738	3844.368	3700 to 3980	Pass
			10	NV	3835.703	3844.340	3700 to 3980	Pass
			20	NV	3835.690	3844.349	3700 to 3980	Pass
			30	NV	3835.661	3844.351	3700 to 3980	Pass
			40	NV	3835.664	3844.318	3700 to 3980	Pass
			50	NV	3835.715	3844.308	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3835.662	3844.353	3700 to 3980	Pass
				HV	3835.716	3844.339	3700 to 3980	Pass
			-30	NV	3835.590	3844.354	3700 to 3980	Pass
			-20	NV	3835.642	3844.363	3700 to 3980	Pass
			-10	NV	3835.684	3844.369	3700 to 3980	Pass
			0	NV	3835.635	3844.321	3700 to 3980	Pass
			10	NV	3835.679	3844.329	3700 to 3980	Pass

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			20	NV	3835.759	3844.347	3700 to 3980	Pass
			30	NV	3835.622	3844.403	3700 to 3980	Pass
			40	NV	3835.595	3844.293	3700 to 3980	Pass
			50	NV	3835.692	3844.388	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3835.639	3844.324	3700 to 3980	Pass
				HV	3835.652	3844.269	3700 to 3980	Pass
			-30	NV	3835.647	3844.328	3700 to 3980	Pass
			-20	NV	3835.667	3844.342	3700 to 3980	Pass
			-10	NV	3835.661	3844.348	3700 to 3980	Pass
			0	NV	3835.640	3844.319	3700 to 3980	Pass
			10	NV	3835.633	3844.327	3700 to 3980	Pass
			20	NV	3835.689	3844.323	3700 to 3980	Pass
			30	NV	3835.680	3844.314	3700 to 3980	Pass
			40	NV	3835.661	3844.340	3700 to 3980	Pass
			50	NV	3835.690	3844.329	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3835.660	3844.317	3700 to 3980	Pass
				HV	3835.614	3844.339	3700 to 3980	Pass
			-30	NV	3835.653	3844.319	3700 to 3980	Pass
			-20	NV	3835.647	3844.267	3700 to 3980	Pass
			-10	NV	3835.642	3844.334	3700 to 3980	Pass
			0	NV	3835.605	3844.331	3700 to 3980	Pass
			10	NV	3835.654	3844.311	3700 to 3980	Pass
			20	NV	3835.601	3844.332	3700 to 3980	Pass
			30	NV	3835.633	3844.326	3700 to 3980	Pass
			40	NV	3835.644	3844.296	3700 to 3980	Pass
			50	NV	3835.642	3844.313	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3835.686	3844.316	3700 to 3980	Pass
				HV	3835.646	3844.319	3700 to 3980	Pass
			-30	NV	3835.719	3844.296	3700 to 3980	Pass
			-20	NV	3835.639	3844.289	3700 to 3980	Pass
			-10	NV	3835.630	3844.365	3700 to 3980	Pass
			0	NV	3835.653	3844.305	3700 to 3980	Pass
			10	NV	3835.632	3844.384	3700 to 3980	Pass
			20	NV	3835.616	3844.314	3700 to 3980	Pass
			30	NV	3835.630	3844.363	3700 to 3980	Pass
			40	NV	3835.688	3844.282	3700 to 3980	Pass
			50	NV	3835.673	3844.352	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3835.712	3844.294	3700 to 3980	Pass
				HV	3835.645	3844.355	3700 to 3980	Pass
			-30	NV	3835.670	3844.349	3700 to 3980	Pass
			-20	NV	3835.668	3844.374	3700 to 3980	Pass
			-10	NV	3835.645	3844.373	3700 to 3980	Pass
			0	NV	3835.717	3844.319	3700 to 3980	Pass
			10	NV	3835.641	3844.264	3700 to 3980	Pass
			20	NV	3835.655	3844.344	3700 to 3980	Pass
			30	NV	3835.654	3844.316	3700 to 3980	Pass
			40	NV	3835.673	3844.299	3700 to 3980	Pass
			50	NV	3835.670	3844.319	3700 to 3980	Pass

6.1.2 30_S_20M

5G NR n77a SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3815.200	3864.758	3700 to 3980	Pass
				HV	3815.215	3864.822	3700 to 3980	Pass
			-30	NV	3815.244	3864.714	3700 to 3980	Pass
			-20	NV	3815.244	3864.757	3700 to 3980	Pass
			-10	NV	3815.218	3864.743	3700 to 3980	Pass
			0	NV	3815.213	3864.697	3700 to 3980	Pass
			10	NV	3815.221	3864.745	3700 to 3980	Pass
			20	NV	3815.249	3864.747	3700 to 3980	Pass

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			30	NV	3815.244	3864.835	3700 to 3980	Pass
			40	NV	3815.187	3864.733	3700 to 3980	Pass
			50	NV	3815.273	3864.715	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3830.564	3849.064	3700 to 3980	Pass
				HV	3830.571	3849.006	3700 to 3980	Pass
			-30	NV	3830.543	3849.134	3700 to 3980	Pass
			-20	NV	3830.595	3848.998	3700 to 3980	Pass
			-10	NV	3830.682	3848.928	3700 to 3980	Pass
			0	NV	3830.620	3848.977	3700 to 3980	Pass
			10	NV	3830.731	3849.046	3700 to 3980	Pass
			20	NV	3830.674	3849.041	3700 to 3980	Pass
			30	NV	3830.670	3849.105	3700 to 3980	Pass
			40	NV	3830.620	3849.073	3700 to 3980	Pass
			50	NV	3830.565	3848.985	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3830.630	3848.948	3700 to 3980	Pass
				HV	3830.619	3848.957	3700 to 3980	Pass
			-30	NV	3830.591	3848.848	3700 to 3980	Pass
			-20	NV	3830.592	3849.002	3700 to 3980	Pass
			-10	NV	3830.628	3848.915	3700 to 3980	Pass
			0	NV	3830.645	3848.944	3700 to 3980	Pass
			10	NV	3830.638	3849.054	3700 to 3980	Pass
			20	NV	3830.533	3849.036	3700 to 3980	Pass
			30	NV	3830.679	3849.029	3700 to 3980	Pass
			40	NV	3830.616	3848.974	3700 to 3980	Pass
			50	NV	3830.603	3849.063	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3830.603	3848.950	3700 to 3980	Pass
				HV	3830.659	3848.969	3700 to 3980	Pass
			-30	NV	3830.702	3849.026	3700 to 3980	Pass
			-20	NV	3830.635	3849.033	3700 to 3980	Pass
			-10	NV	3830.627	3849.030	3700 to 3980	Pass
			0	NV	3830.655	3849.085	3700 to 3980	Pass
			10	NV	3830.558	3848.984	3700 to 3980	Pass
			20	NV	3830.562	3848.986	3700 to 3980	Pass
			30	NV	3830.631	3848.991	3700 to 3980	Pass
			40	NV	3830.683	3849.083	3700 to 3980	Pass
			50	NV	3830.595	3848.999	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3830.679	3849.056	3700 to 3980	Pass
				HV	3830.688	3848.897	3700 to 3980	Pass
			-30	NV	3830.653	3849.006	3700 to 3980	Pass
			-20	NV	3830.634	3849.053	3700 to 3980	Pass
			-10	NV	3830.599	3849.038	3700 to 3980	Pass
			0	NV	3830.615	3848.992	3700 to 3980	Pass
			10	NV	3830.709	3848.999	3700 to 3980	Pass
			20	NV	3830.806	3848.967	3700 to 3980	Pass
			30	NV	3830.751	3849.028	3700 to 3980	Pass
			40	NV	3830.630	3849.034	3700 to 3980	Pass
			50	NV	3830.695	3849.106	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3830.694	3849.332	3700 to 3980	Pass
				HV	3830.657	3849.303	3700 to 3980	Pass
			-30	NV	3830.642	3849.302	3700 to 3980	Pass
			-20	NV	3830.601	3849.345	3700 to 3980	Pass
			-10	NV	3830.630	3849.375	3700 to 3980	Pass
			0	NV	3830.520	3849.318	3700 to 3980	Pass
			10	NV	3830.594	3849.477	3700 to 3980	Pass
			20	NV	3830.634	3849.290	3700 to 3980	Pass
			30	NV	3830.702	3849.390	3700 to 3980	Pass
			40	NV	3830.642	3849.152	3700 to 3980	Pass
			50	NV	3830.723	3849.294	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3830.637	3849.370	3700 to 3980	Pass
				HV	3830.668	3849.362	3700 to 3980	Pass
			-30	NV	3830.721	3849.309	3700 to 3980	Pass
			-20	NV	3830.709	3849.280	3700 to 3980	Pass

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			-10	NV	3830.628	3849.430	3700 to 3980	Pass
			0	NV	3830.606	3849.330	3700 to 3980	Pass
			10	NV	3830.622	3849.220	3700 to 3980	Pass
			20	NV	3830.629	3849.379	3700 to 3980	Pass
			30	NV	3830.638	3849.365	3700 to 3980	Pass
			40	NV	3830.704	3849.238	3700 to 3980	Pass
			50	NV	3830.650	3849.418	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3830.747	3849.338	3700 to 3980	Pass
				HV	3830.589	3849.260	3700 to 3980	Pass
			-30	NV	3830.609	3849.290	3700 to 3980	Pass
			-20	NV	3830.656	3849.392	3700 to 3980	Pass
			-10	NV	3830.567	3849.319	3700 to 3980	Pass
			0	NV	3830.721	3849.233	3700 to 3980	Pass
			10	NV	3830.623	3849.300	3700 to 3980	Pass
			20	NV	3830.663	3849.303	3700 to 3980	Pass
			30	NV	3830.596	3849.325	3700 to 3980	Pass
			40	NV	3830.677	3849.332	3700 to 3980	Pass
			50	NV	3830.541	3849.283	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3830.621	3849.328	3700 to 3980	Pass
				HV	3830.556	3849.352	3700 to 3980	Pass
			-30	NV	3830.543	3849.340	3700 to 3980	Pass
			-20	NV	3830.683	3849.312	3700 to 3980	Pass
			-10	NV	3830.675	3849.402	3700 to 3980	Pass
			0	NV	3830.543	3849.333	3700 to 3980	Pass
			10	NV	3830.746	3849.353	3700 to 3980	Pass
			20	NV	3830.572	3849.225	3700 to 3980	Pass
			30	NV	3830.665	3849.327	3700 to 3980	Pass
			40	NV	3830.571	3849.357	3700 to 3980	Pass
			50	NV	3830.683	3849.332	3700 to 3980	Pass

6.1.3 30_S_30M

5G NR n77a SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3802.836	3877.109	3700 to 3980	Pass
				HV	3802.863	3877.178	3700 to 3980	Pass
			-30	NV	3802.832	3877.073	3700 to 3980	Pass
			-20	NV	3802.814	3877.088	3700 to 3980	Pass
			-10	NV	3802.863	3877.318	3700 to 3980	Pass
			0	NV	3802.890	3877.121	3700 to 3980	Pass
			10	NV	3802.807	3877.131	3700 to 3980	Pass
			20	NV	3802.841	3877.125	3700 to 3980	Pass
			30	NV	3802.814	3877.108	3700 to 3980	Pass
			40	NV	3802.894	3877.185	3700 to 3980	Pass
			50	NV	3802.757	3877.170	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3826.020	3853.126	3700 to 3980	Pass
				HV	3825.837	3853.004	3700 to 3980	Pass
			-30	NV	3825.932	3853.031	3700 to 3980	Pass
			-20	NV	3825.916	3852.973	3700 to 3980	Pass
			-10	NV	3825.918	3853.108	3700 to 3980	Pass
			0	NV	3825.824	3852.953	3700 to 3980	Pass
			10	NV	3825.883	3853.115	3700 to 3980	Pass
			20	NV	3825.955	3853.022	3700 to 3980	Pass
			30	NV	3825.902	3853.029	3700 to 3980	Pass
			40	NV	3825.943	3853.102	3700 to 3980	Pass
			50	NV	3825.903	3853.055	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3825.967	3853.164	3700 to 3980	Pass
				HV	3825.850	3853.046	3700 to 3980	Pass
			-30	NV	3825.897	3853.055	3700 to 3980	Pass
			-20	NV	3825.853	3852.971	3700 to 3980	Pass
			-10	NV	3825.806	3853.112	3700 to 3980	Pass

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			0	NV	3825.823	3853.041	3700 to 3980	Pass
			10	NV	3825.869	3853.034	3700 to 3980	Pass
			20	NV	3825.861	3853.103	3700 to 3980	Pass
			30	NV	3825.837	3853.116	3700 to 3980	Pass
			40	NV	3825.876	3853.117	3700 to 3980	Pass
			50	NV	3825.902	3853.143	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3825.804	3853.124	3700 to 3980	Pass
				HV	3825.973	3853.112	3700 to 3980	Pass
			-30	NV	3825.889	3852.830	3700 to 3980	Pass
			-20	NV	3825.938	3852.944	3700 to 3980	Pass
			-10	NV	3825.825	3852.918	3700 to 3980	Pass
			0	NV	3826.070	3852.978	3700 to 3980	Pass
			10	NV	3825.980	3852.956	3700 to 3980	Pass
			20	NV	3825.924	3853.023	3700 to 3980	Pass
			30	NV	3825.857	3852.906	3700 to 3980	Pass
			40	NV	3825.867	3853.051	3700 to 3980	Pass
			50	NV	3825.914	3853.113	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3825.912	3853.031	3700 to 3980	Pass
				HV	3825.889	3853.039	3700 to 3980	Pass
			-30	NV	3825.839	3853.093	3700 to 3980	Pass
			-20	NV	3825.842	3853.033	3700 to 3980	Pass
			-10	NV	3825.910	3853.016	3700 to 3980	Pass
			0	NV	3825.922	3852.820	3700 to 3980	Pass
			10	NV	3825.972	3853.073	3700 to 3980	Pass
			20	NV	3825.555	3836.106	3700 to 3980	Pass
			30	NV	3825.872	3853.054	3700 to 3980	Pass
			40	NV	3825.822	3853.037	3700 to 3980	Pass
			50	NV	3825.892	3853.115	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3825.977	3854.085	3700 to 3980	Pass
				HV	3825.808	3854.144	3700 to 3980	Pass
			-30	NV	3825.907	3854.076	3700 to 3980	Pass
			-20	NV	3825.929	3854.148	3700 to 3980	Pass
			-10	NV	3825.906	3854.102	3700 to 3980	Pass
			0	NV	3825.906	3853.928	3700 to 3980	Pass
			10	NV	3825.901	3854.058	3700 to 3980	Pass
			20	NV	3825.896	3854.137	3700 to 3980	Pass
			30	NV	3825.865	3854.216	3700 to 3980	Pass
			40	NV	3825.948	3854.100	3700 to 3980	Pass
			50	NV	3825.962	3854.081	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3825.997	3853.975	3700 to 3980	Pass
				HV	3825.860	3854.050	3700 to 3980	Pass
			-30	NV	3825.927	3854.132	3700 to 3980	Pass
			-20	NV	3825.944	3854.092	3700 to 3980	Pass
			-10	NV	3825.928	3853.865	3700 to 3980	Pass
			0	NV	3825.871	3854.047	3700 to 3980	Pass
			10	NV	3825.851	3854.032	3700 to 3980	Pass
			20	NV	3825.957	3854.138	3700 to 3980	Pass
			30	NV	3825.960	3854.099	3700 to 3980	Pass
			40	NV	3825.890	3854.059	3700 to 3980	Pass
			50	NV	3825.890	3854.072	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3825.923	3854.072	3700 to 3980	Pass
				HV	3825.961	3854.016	3700 to 3980	Pass
			-30	NV	3825.972	3854.077	3700 to 3980	Pass
			-20	NV	3825.969	3854.071	3700 to 3980	Pass
			-10	NV	3825.887	3854.116	3700 to 3980	Pass
			0	NV	3825.970	3854.217	3700 to 3980	Pass
			10	NV	3825.835	3854.067	3700 to 3980	Pass
			20	NV	3825.991	3854.021	3700 to 3980	Pass
			30	NV	3825.934	3854.076	3700 to 3980	Pass
			40	NV	3825.902	3854.000	3700 to 3980	Pass
			50	NV	3825.931	3854.053	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3825.881	3854.103	3700 to 3980	Pass



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				HV	3826.466	3854.262	3700 to 3980	Pass
			-30	NV	3825.809	3854.096	3700 to 3980	Pass
			-20	NV	3825.916	3854.159	3700 to 3980	Pass
			-10	NV	3825.875	3854.102	3700 to 3980	Pass
			0	NV	3825.818	3854.002	3700 to 3980	Pass
			10	NV	3825.899	3853.954	3700 to 3980	Pass
			20	NV	3825.846	3853.938	3700 to 3980	Pass
			30	NV	3826.009	3853.992	3700 to 3980	Pass
			40	NV	3825.886	3854.026	3700 to 3980	Pass
			50	NV	3825.945	3854.138	3700 to 3980	Pass

6.1.4 30_S_40M

5G NR n77a SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3790.458	3889.379	3700 to 3980	Pass
				HV	3790.434	3889.423	3700 to 3980	Pass
			-30	NV	3790.420	3889.419	3700 to 3980	Pass
			-20	NV	3790.536	3889.501	3700 to 3980	Pass
			-10	NV	3790.525	3889.502	3700 to 3980	Pass
			0	NV	3790.413	3889.422	3700 to 3980	Pass
			10	NV	3790.486	3889.518	3700 to 3980	Pass
			20	NV	3790.416	3889.412	3700 to 3980	Pass
			30	NV	3790.491	3889.540	3700 to 3980	Pass
			40	NV	3790.475	3889.445	3700 to 3980	Pass
			50	NV	3790.405	3889.561	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3820.527	3857.220	3700 to 3980	Pass
				HV	3820.508	3857.095	3700 to 3980	Pass
			-30	NV	3820.668	3857.318	3700 to 3980	Pass
			-20	NV	3820.606	3857.202	3700 to 3980	Pass
			-10	NV	3820.690	3857.104	3700 to 3980	Pass
			0	NV	3820.687	3857.332	3700 to 3980	Pass
			10	NV	3820.690	3857.092	3700 to 3980	Pass
			20	NV	3820.696	3857.217	3700 to 3980	Pass
			30	NV	3820.696	3857.266	3700 to 3980	Pass
			40	NV	3820.618	3857.299	3700 to 3980	Pass
			50	NV	3820.586	3857.205	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3820.490	3857.210	3700 to 3980	Pass
				HV	3820.564	3857.593	3700 to 3980	Pass
			-30	NV	3820.565	3857.129	3700 to 3980	Pass
			-20	NV	3820.596	3857.222	3700 to 3980	Pass
			-10	NV	3820.581	3857.197	3700 to 3980	Pass
			0	NV	3820.467	3857.218	3700 to 3980	Pass
			10	NV	3820.544	3857.228	3700 to 3980	Pass
			20	NV	3820.422	3839.986	3700 to 3980	Pass
			30	NV	3820.661	3857.095	3700 to 3980	Pass
			40	NV	3820.539	3857.407	3700 to 3980	Pass
			50	NV	3820.559	3857.188	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3820.656	3857.274	3700 to 3980	Pass
				HV	3820.635	3857.276	3700 to 3980	Pass
			-30	NV	3820.408	3857.250	3700 to 3980	Pass
			-20	NV	3820.644	3857.113	3700 to 3980	Pass
			-10	NV	3820.582	3857.182	3700 to 3980	Pass
			0	NV	3820.567	3857.364	3700 to 3980	Pass
			10	NV	3820.664	3857.166	3700 to 3980	Pass
			20	NV	3820.512	3857.172	3700 to 3980	Pass
			30	NV	3820.643	3857.266	3700 to 3980	Pass
			40	NV	3820.777	3857.183	3700 to 3980	Pass
			50	NV	3820.583	3857.289	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3820.734	3857.116	3700 to 3980	Pass
				HV	3820.587	3857.274	3700 to 3980	Pass

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			-30	NV	3820.526	3857.366	3700 to 3980	Pass
			-20	NV	3790.438	3889.454	3700 to 3980	Pass
			-10	NV	3820.655	3857.292	3700 to 3980	Pass
			0	NV	3820.813	3857.188	3700 to 3980	Pass
			10	NV	3820.556	3857.475	3700 to 3980	Pass
			20	NV	3820.626	3857.360	3700 to 3980	Pass
			30	NV	3820.501	3857.324	3700 to 3980	Pass
			40	NV	3820.705	3857.465	3700 to 3980	Pass
			50	NV	3820.553	3857.367	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3820.604	3859.462	3700 to 3980	Pass
				HV	3820.595	3859.385	3700 to 3980	Pass
			-30	NV	3820.733	3859.252	3700 to 3980	Pass
			-20	NV	3820.712	3859.248	3700 to 3980	Pass
			-10	NV	3820.704	3859.256	3700 to 3980	Pass
			0	NV	3820.706	3859.285	3700 to 3980	Pass
			10	NV	3820.732	3859.391	3700 to 3980	Pass
			20	NV	3820.708	3859.317	3700 to 3980	Pass
			30	NV	3820.516	3859.315	3700 to 3980	Pass
			40	NV	3820.802	3859.451	3700 to 3980	Pass
			50	NV	3820.604	3859.387	3700 to 3980	Pass
			20	LV	3820.480	3859.486	3700 to 3980	Pass
				HV	3820.664	3859.383	3700 to 3980	Pass
			-30	NV	3790.479	3889.734	3700 to 3980	Pass
			-20	NV	3820.570	3859.383	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	-10	NV	3820.669	3859.385	3700 to 3980	Pass
			0	NV	3820.558	3859.215	3700 to 3980	Pass
			10	NV	3820.673	3859.277	3700 to 3980	Pass
			20	NV	3820.661	3859.312	3700 to 3980	Pass
			30	NV	3820.588	3859.439	3700 to 3980	Pass
			40	NV	3820.718	3859.394	3700 to 3980	Pass
			50	NV	3820.640	3859.354	3700 to 3980	Pass
			20	LV	3820.573	3859.274	3700 to 3980	Pass
				HV	3820.768	3859.449	3700 to 3980	Pass
			-30	NV	3820.773	3859.291	3700 to 3980	Pass
			-20	NV	3820.720	3859.468	3700 to 3980	Pass
			-10	NV	3820.723	3859.353	3700 to 3980	Pass
			0	NV	3820.677	3859.410	3700 to 3980	Pass
			10	NV	3820.631	3859.265	3700 to 3980	Pass
			20	NV	3820.727	3859.269	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	30	NV	3820.688	3859.410	3700 to 3980	Pass
			40	NV	3820.684	3859.506	3700 to 3980	Pass
			50	NV	3820.663	3859.005	3700 to 3980	Pass
			20	LV	3820.689	3859.433	3700 to 3980	Pass
				HV	3820.621	3859.424	3700 to 3980	Pass
			-30	NV	3820.715	3859.312	3700 to 3980	Pass
			-20	NV	3820.828	3859.389	3700 to 3980	Pass
			-10	NV	3820.612	3859.353	3700 to 3980	Pass
			0	NV	3820.748	3859.254	3700 to 3980	Pass
			10	NV	3820.546	3859.160	3700 to 3980	Pass
			20	NV	3820.507	3859.330	3700 to 3980	Pass
			30	NV	3820.598	3859.350	3700 to 3980	Pass
			40	NV	3820.763	3859.426	3700 to 3980	Pass
			50	NV	3820.587	3859.372	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3820.689	3859.433	3700 to 3980	Pass
				HV	3820.621	3859.424	3700 to 3980	Pass
			-30	NV	3820.715	3859.312	3700 to 3980	Pass
			-20	NV	3820.828	3859.389	3700 to 3980	Pass
			-10	NV	3820.612	3859.353	3700 to 3980	Pass
			0	NV	3820.748	3859.254	3700 to 3980	Pass
			10	NV	3820.546	3859.160	3700 to 3980	Pass
			20	NV	3820.507	3859.330	3700 to 3980	Pass
			30	NV	3820.598	3859.350	3700 to 3980	Pass
			40	NV	3820.763	3859.426	3700 to 3980	Pass
			50	NV	3820.587	3859.372	3700 to 3980	Pass

6.1.5 30_S_50M

5G NR n77a SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3778.088	3901.929	3700 to 3980	Pass
				HV	3778.188	3901.751	3700 to 3980	Pass
			-30	NV	3777.962	3901.784	3700 to 3980	Pass

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			-20	NV	3778.138	3901.912	3700 to 3980	Pass
			-10	NV	3778.160	3901.868	3700 to 3980	Pass
			0	NV	3778.108	3901.930	3700 to 3980	Pass
			10	NV	3777.961	3901.821	3700 to 3980	Pass
			20	NV	3778.151	3901.849	3700 to 3980	Pass
			30	NV	3777.961	3901.870	3700 to 3980	Pass
			40	NV	3778.096	3901.847	3700 to 3980	Pass
			50	NV	3777.945	3901.777	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3815.866	3862.122	3700 to 3980	Pass
				HV	3815.810	3862.392	3700 to 3980	Pass
			-30	NV	3815.716	3862.359	3700 to 3980	Pass
			-20	NV	3815.956	3862.333	3700 to 3980	Pass
			-10	NV	3777.994	3901.753	3700 to 3980	Pass
			0	NV	3815.894	3862.375	3700 to 3980	Pass
			10	NV	3815.947	3862.694	3700 to 3980	Pass
			20	NV	3815.922	3862.325	3700 to 3980	Pass
			30	NV	3815.824	3862.359	3700 to 3980	Pass
			40	NV	3815.996	3862.447	3700 to 3980	Pass
			50	NV	3777.868	3901.822	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3816.025	3862.251	3700 to 3980	Pass
				HV	3815.900	3862.273	3700 to 3980	Pass
			-30	NV	3815.911	3862.250	3700 to 3980	Pass
			-20	NV	3815.524	3829.361	3700 to 3980	Pass
			-10	NV	3815.927	3862.361	3700 to 3980	Pass
			0	NV	3815.994	3862.223	3700 to 3980	Pass
			10	NV	3815.906	3862.301	3700 to 3980	Pass
			20	NV	3816.142	3862.316	3700 to 3980	Pass
			30	NV	3815.950	3862.182	3700 to 3980	Pass
			40	NV	3815.898	3862.353	3700 to 3980	Pass
			50	NV	3816.002	3862.396	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3815.982	3862.435	3700 to 3980	Pass
				HV	3816.053	3862.339	3700 to 3980	Pass
			-30	NV	3815.969	3862.327	3700 to 3980	Pass
			-20	NV	3816.052	3862.486	3700 to 3980	Pass
			-10	NV	3815.754	3862.252	3700 to 3980	Pass
			0	NV	3816.087	3862.356	3700 to 3980	Pass
			10	NV	3815.747	3862.074	3700 to 3980	Pass
			20	NV	3815.828	3862.238	3700 to 3980	Pass
			30	NV	3815.880	3862.422	3700 to 3980	Pass
			40	NV	3815.965	3862.403	3700 to 3980	Pass
			50	NV	3815.871	3862.263	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3815.908	3862.341	3700 to 3980	Pass
				HV	3815.833	3861.994	3700 to 3980	Pass
			-30	NV	3815.803	3862.408	3700 to 3980	Pass
			-20	NV	3816.069	3862.546	3700 to 3980	Pass
			-10	NV	3815.805	3857.657	3700 to 3980	Pass
			0	NV	3815.875	3862.469	3700 to 3980	Pass
			10	NV	3846.888	3862.880	3700 to 3980	Pass
			20	NV	3815.918	3862.301	3700 to 3980	Pass
			30	NV	3815.801	3862.255	3700 to 3980	Pass
			40	NV	3815.888	3862.285	3700 to 3980	Pass
			50	NV	3815.804	3862.197	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3815.898	3864.120	3700 to 3980	Pass
				HV	3815.936	3864.081	3700 to 3980	Pass
			-30	NV	3816.090	3864.084	3700 to 3980	Pass
			-20	NV	3815.861	3864.043	3700 to 3980	Pass
			-10	NV	3815.894	3864.007	3700 to 3980	Pass
			0	NV	3816.007	3864.135	3700 to 3980	Pass
			10	NV	3815.893	3863.853	3700 to 3980	Pass
			20	NV	3815.767	3864.211	3700 to 3980	Pass
			30	NV	3815.916	3864.114	3700 to 3980	Pass
			40	NV	3816.009	3864.098	3700 to 3980	Pass



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CP-OFDM 16 QAM	3840	Outer_Full	50	NV	3815.905	3846.056	3700 to 3980	Pass
			20	LV	3815.837	3863.884	3700 to 3980	Pass
				HV	3815.949	3863.909	3700 to 3980	Pass
			-30	NV	3815.877	3864.087	3700 to 3980	Pass
			-20	NV	3816.065	3863.848	3700 to 3980	Pass
			-10	NV	3815.956	3864.064	3700 to 3980	Pass
			0	NV	3815.802	3864.009	3700 to 3980	Pass
			10	NV	3815.958	3863.836	3700 to 3980	Pass
			20	NV	3815.972	3864.020	3700 to 3980	Pass
			30	NV	3815.757	3864.208	3700 to 3980	Pass
			40	NV	3815.887	3864.056	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3815.972	3864.013	3700 to 3980	Pass
				HV	3815.841	3863.960	3700 to 3980	Pass
			-30	NV	3816.066	3863.846	3700 to 3980	Pass
			-20	NV	3777.933	3901.866	3700 to 3980	Pass
			-10	NV	3815.960	3864.086	3700 to 3980	Pass
			0	NV	3815.937	3864.064	3700 to 3980	Pass
			10	NV	3815.868	3864.032	3700 to 3980	Pass
			20	NV	3815.674	3864.029	3700 to 3980	Pass
			30	NV	3816.015	3864.080	3700 to 3980	Pass
			40	NV	3816.135	3863.998	3700 to 3980	Pass
			50	NV	3815.985	3864.043	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3815.902	3864.203	3700 to 3980	Pass
				HV	3815.784	3864.208	3700 to 3980	Pass
			-30	NV	3816.070	3853.507	3700 to 3980	Pass
			-20	NV	3816.002	3864.216	3700 to 3980	Pass
			-10	NV	3815.796	3863.963	3700 to 3980	Pass
			0	NV	3778.035	3901.994	3700 to 3980	Pass
			10	NV	3816.082	3864.166	3700 to 3980	Pass
			20	NV	3815.978	3864.064	3700 to 3980	Pass
			30	NV	3815.997	3864.119	3700 to 3980	Pass
			40	NV	3816.044	3864.135	3700 to 3980	Pass
			50	NV	3815.768	3864.098	3700 to 3980	Pass

6.1.6 30_S_60M

5G NR n77a SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3765.675	3914.201	3700 to 3980	Pass
				HV	3765.579	3914.472	3700 to 3980	Pass
			-30	NV	3765.745	3914.077	3700 to 3980	Pass
			-20	NV	3765.631	3914.051	3700 to 3980	Pass
			-10	NV	3765.712	3914.106	3700 to 3980	Pass
			0	NV	3765.579	3914.209	3700 to 3980	Pass
			10	NV	3765.636	3914.109	3700 to 3980	Pass
			20	NV	3765.766	3914.315	3700 to 3980	Pass
			30	NV	3765.634	3914.094	3700 to 3980	Pass
			40	NV	3765.543	3914.309	3700 to 3980	Pass
			50	NV	3765.840	3914.192	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3810.809	3869.184	3700 to 3980	Pass
				HV	3810.818	3869.213	3700 to 3980	Pass
			-30	NV	3810.778	3869.249	3700 to 3980	Pass
			-20	NV	3810.861	3869.233	3700 to 3980	Pass
			-10	NV	3810.821	3869.226	3700 to 3980	Pass
			0	NV	3810.799	3869.335	3700 to 3980	Pass
			10	NV	3810.911	3869.195	3700 to 3980	Pass
			20	NV	3810.962	3868.973	3700 to 3980	Pass
			30	NV	3810.830	3869.078	3700 to 3980	Pass
			40	NV	3765.778	3914.231	3700 to 3980	Pass
			50	NV	3765.341	3914.181	3700 to 3980	Pass

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DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3838.269	3869.809	3700 to 3980	Pass
				HV	3810.868	3869.260	3700 to 3980	Pass
			-30	NV	3811.405	3869.227	3700 to 3980	Pass
			-20	NV	3844.854	3869.751	3700 to 3980	Pass
			-10	NV	3765.737	3914.179	3700 to 3980	Pass
			0	NV	3765.770	3914.332	3700 to 3980	Pass
			10	NV	3810.857	3869.105	3700 to 3980	Pass
			20	NV	3811.050	3869.351	3700 to 3980	Pass
			30	NV	3810.937	3869.214	3700 to 3980	Pass
			40	NV	3765.324	3914.120	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3810.662	3869.333	3700 to 3980	Pass
				HV	3810.691	3869.218	3700 to 3980	Pass
			-30	NV	3810.973	3869.124	3700 to 3980	Pass
			-20	NV	3811.387	3869.415	3700 to 3980	Pass
			-10	NV	3810.931	3869.175	3700 to 3980	Pass
			0	NV	3810.595	3844.800	3700 to 3980	Pass
			10	NV	3810.951	3869.254	3700 to 3980	Pass
			20	NV	3810.940	3869.361	3700 to 3980	Pass
			30	NV	3810.902	3869.130	3700 to 3980	Pass
			40	NV	3811.436	3869.380	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3810.931	3869.406	3700 to 3980	Pass
				HV	3810.983	3869.085	3700 to 3980	Pass
			-30	NV	3811.056	3869.269	3700 to 3980	Pass
			-20	NV	3810.782	3869.161	3700 to 3980	Pass
			-10	NV	3841.921	3869.790	3700 to 3980	Pass
			0	NV	3810.876	3869.177	3700 to 3980	Pass
			10	NV	3765.733	3914.561	3700 to 3980	Pass
			20	NV	3810.769	3869.155	3700 to 3980	Pass
			30	NV	3810.904	3869.039	3700 to 3980	Pass
			40	NV	3811.154	3869.068	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3810.857	3869.357	3700 to 3980	Pass
				HV	3810.783	3869.247	3700 to 3980	Pass
			-30	NV	3811.096	3869.384	3700 to 3980	Pass
			-20	NV	3810.668	3869.325	3700 to 3980	Pass
			-10	NV	3810.158	3835.136	3700 to 3980	Pass
			0	NV	3810.800	3869.349	3700 to 3980	Pass
			10	NV	3765.624	3914.083	3700 to 3980	Pass
			20	NV	3810.626	3869.217	3700 to 3980	Pass
			30	NV	3810.751	3869.046	3700 to 3980	Pass
			40	NV	3810.793	3869.225	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3830.070	3869.760	3700 to 3980	Pass
				HV	3810.803	3869.533	3700 to 3980	Pass
			-30	NV	3810.666	3868.885	3700 to 3980	Pass
			-20	NV	3830.706	3869.606	3700 to 3980	Pass
			-10	NV	3765.595	3914.132	3700 to 3980	Pass
			0	NV	3810.883	3869.375	3700 to 3980	Pass
			10	NV	3810.858	3868.985	3700 to 3980	Pass
			20	NV	3765.761	3914.826	3700 to 3980	Pass
			30	NV	3811.008	3869.092	3700 to 3980	Pass
			40	NV	3766.079	3914.556	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3811.150	3869.198	3700 to 3980	Pass
				HV	3810.870	3869.308	3700 to 3980	Pass
			-30	NV	3810.714	3868.955	3700 to 3980	Pass
			-20	NV	3765.471	3914.215	3700 to 3980	Pass
			-10	NV	3765.469	3913.952	3700 to 3980	Pass
			0	NV	3810.742	3869.071	3700 to 3980	Pass
			10	NV	3810.771	3869.301	3700 to 3980	Pass

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CP-OFDM 256 QAM	3840	Outer_Full	20	NV	3810.819	3869.154	3700 to 3980	Pass
			30	NV	3810.653	3869.341	3700 to 3980	Pass
			40	NV	3810.737	3868.932	3700 to 3980	Pass
			50	NV	3810.861	3869.318	3700 to 3980	Pass
			20	LV	3765.729	3914.131	3700 to 3980	Pass
				HV	3810.830	3869.091	3700 to 3980	Pass
			-30	NV	3810.906	3869.188	3700 to 3980	Pass
			-20	NV	3810.480	3850.993	3700 to 3980	Pass
			-10	NV	3810.949	3869.267	3700 to 3980	Pass
			0	NV	3810.736	3869.182	3700 to 3980	Pass
			10	NV	3810.633	3848.082	3700 to 3980	Pass
			20	NV	3810.660	3868.922	3700 to 3980	Pass
			30	NV	3810.777	3869.194	3700 to 3980	Pass
			40	NV	3765.601	3914.068	3700 to 3980	Pass
			50	NV	3810.891	3869.116	3700 to 3980	Pass

6.1.7 30_S_70M

5G NR n77a SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3805.653	3870.836	3700 to 3980	Pass
				HV	3805.655	3870.882	3700 to 3980	Pass
			-30	NV	3805.700	3871.207	3700 to 3980	Pass
			-20	NV	3805.442	3871.078	3700 to 3980	Pass
			-10	NV	3806.150	3871.034	3700 to 3980	Pass
			0	NV	3753.328	3926.492	3700 to 3980	Pass
			10	NV	3805.641	3871.599	3700 to 3980	Pass
			20	NV	3805.722	3871.190	3700 to 3980	Pass
			30	NV	3805.328	3871.238	3700 to 3980	Pass
			40	NV	3805.674	3871.124	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3804.934	3823.101	3700 to 3980	Pass
				HV	3805.946	3871.135	3700 to 3980	Pass
			-30	NV	3805.651	3871.102	3700 to 3980	Pass
			-20	NV	3805.450	3870.811	3700 to 3980	Pass
			-10	NV	3810.162	3871.259	3700 to 3980	Pass
			0	NV	3805.591	3871.308	3700 to 3980	Pass
			10	NV	3805.677	3871.323	3700 to 3980	Pass
			20	NV	3805.691	3871.008	3700 to 3980	Pass
			30	NV	3805.757	3871.115	3700 to 3980	Pass
			40	NV	3805.466	3871.021	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3805.046	3839.409	3700 to 3980	Pass
				HV	3805.515	3871.288	3700 to 3980	Pass
			-30	NV	3805.632	3871.231	3700 to 3980	Pass
			-20	NV	3805.460	3871.078	3700 to 3980	Pass
			-10	NV	3753.453	3926.711	3700 to 3980	Pass
			0	NV	3805.633	3870.934	3700 to 3980	Pass
			10	NV	3805.284	3871.080	3700 to 3980	Pass
			20	NV	3844.397	3871.420	3700 to 3980	Pass
			30	NV	3805.686	3871.214	3700 to 3980	Pass
			40	NV	3805.544	3871.011	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3805.801	3870.973	3700 to 3980	Pass
				HV	3805.717	3870.626	3700 to 3980	Pass
			-30	NV	3805.974	3871.527	3700 to 3980	Pass
			-20	NV	3805.725	3871.323	3700 to 3980	Pass
			-10	NV	3753.310	3926.919	3700 to 3980	Pass
			0	NV	3805.666	3870.978	3700 to 3980	Pass
			10	NV	3805.496	3870.914	3700 to 3980	Pass
			20	NV	3805.711	3871.379	3700 to 3980	Pass



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DFT-s-OFDM 256 QAM	3840	Outer_Full	30	NV	3805.615	3871.418	3700 to 3980	Pass
			40	NV	3805.527	3871.123	3700 to 3980	Pass
			50	NV	3753.211	3926.285	3700 to 3980	Pass
			20	LV	3753.350	3926.804	3700 to 3980	Pass
				HV	3753.179	3926.657	3700 to 3980	Pass
			-30	NV	3753.301	3926.572	3700 to 3980	Pass
			-20	NV	3805.521	3871.118	3700 to 3980	Pass
			-10	NV	3805.566	3871.086	3700 to 3980	Pass
			0	NV	3805.618	3871.494	3700 to 3980	Pass
			10	NV	3804.701	3829.429	3700 to 3980	Pass
			20	NV	3805.750	3870.940	3700 to 3980	Pass
			30	NV	3805.631	3871.206	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	40	NV	3805.645	3871.153	3700 to 3980	Pass
			50	NV	3764.325	3919.919	3700 to 3980	Pass
			20	LV	3805.603	3874.231	3700 to 3980	Pass
				HV	3805.831	3874.672	3700 to 3980	Pass
			-30	NV	3805.693	3874.246	3700 to 3980	Pass
			-20	NV	3805.813	3874.429	3700 to 3980	Pass
			-10	NV	3805.628	3874.056	3700 to 3980	Pass
			0	NV	3805.630	3873.899	3700 to 3980	Pass
			10	NV	3805.787	3874.353	3700 to 3980	Pass
			20	NV	3805.544	3874.344	3700 to 3980	Pass
			30	NV	3805.490	3874.409	3700 to 3980	Pass
			40	NV	3805.549	3873.925	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	50	NV	3753.366	3926.602	3700 to 3980	Pass
			20	LV	3805.749	3874.367	3700 to 3980	Pass
				HV	3805.648	3874.284	3700 to 3980	Pass
			-30	NV	3805.819	3874.530	3700 to 3980	Pass
			-20	NV	3805.723	3874.229	3700 to 3980	Pass
			-10	NV	3805.732	3874.499	3700 to 3980	Pass
			0	NV	3850.998	3874.875	3700 to 3980	Pass
			10	NV	3805.768	3874.420	3700 to 3980	Pass
			20	NV	3805.758	3874.243	3700 to 3980	Pass
			30	NV	3753.161	3926.385	3700 to 3980	Pass
			40	NV	3805.726	3874.469	3700 to 3980	Pass
			50	NV	3753.265	3927.085	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3820.834	3874.681	3700 to 3980	Pass
				HV	3805.565	3874.311	3700 to 3980	Pass
			-30	NV	3805.644	3874.200	3700 to 3980	Pass
			-20	NV	3805.622	3874.514	3700 to 3980	Pass
			-10	NV	3805.693	3874.050	3700 to 3980	Pass
			0	NV	3805.794	3874.128	3700 to 3980	Pass
			10	NV	3805.432	3874.242	3700 to 3980	Pass
			20	NV	3805.843	3874.091	3700 to 3980	Pass
			30	NV	3805.627	3874.539	3700 to 3980	Pass
			40	NV	3805.824	3874.408	3700 to 3980	Pass
			50	NV	3805.745	3874.341	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3753.350	3926.508	3700 to 3980	Pass
				HV	3805.814	3874.214	3700 to 3980	Pass
			-30	NV	3805.926	3874.510	3700 to 3980	Pass
			-20	NV	3805.714	3874.351	3700 to 3980	Pass
			-10	NV	3805.738	3874.403	3700 to 3980	Pass
			0	NV	3753.374	3926.552	3700 to 3980	Pass
			10	NV	3805.820	3874.397	3700 to 3980	Pass
			20	NV	3805.480	3873.981	3700 to 3980	Pass
			30	NV	3805.773	3874.380	3700 to 3980	Pass
			40	NV	3753.319	3926.562	3700 to 3980	Pass
			50	NV	3805.950	3874.388	3700 to 3980	Pass

6.1.8 30_S_80M

5G NR n77a SCS=30kHz SISO 80MHz

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Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3740.912	3938.716	3700 to 3980	Pass
				HV	3800.433	3878.889	3700 to 3980	Pass
			-30	NV	3800.582	3878.787	3700 to 3980	Pass
			-20	NV	3800.674	3878.920	3700 to 3980	Pass
			-10	NV	3800.843	3878.917	3700 to 3980	Pass
			0	NV	3800.658	3878.968	3700 to 3980	Pass
			10	NV	3800.672	3879.088	3700 to 3980	Pass
			20	NV	3800.750	3878.757	3700 to 3980	Pass
			30	NV	3800.591	3878.997	3700 to 3980	Pass
			40	NV	3800.744	3878.594	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3800.636	3878.850	3700 to 3980	Pass
				HV	3800.807	3878.775	3700 to 3980	Pass
			-30	NV	3800.902	3878.748	3700 to 3980	Pass
			-20	NV	3800.809	3878.709	3700 to 3980	Pass
			-10	NV	3801.042	3878.592	3700 to 3980	Pass
			0	NV	3835.553	3879.504	3700 to 3980	Pass
			10	NV	3801.172	3878.992	3700 to 3980	Pass
			20	NV	3800.866	3878.811	3700 to 3980	Pass
			30	NV	3800.690	3878.711	3700 to 3980	Pass
			40	NV	3800.822	3878.973	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3800.921	3879.079	3700 to 3980	Pass
				HV	3800.927	3878.805	3700 to 3980	Pass
			-30	NV	3800.949	3878.908	3700 to 3980	Pass
			-20	NV	3800.655	3878.973	3700 to 3980	Pass
			-10	NV	3800.706	3878.793	3700 to 3980	Pass
			0	NV	3800.991	3878.707	3700 to 3980	Pass
			10	NV	3800.657	3878.944	3700 to 3980	Pass
			20	NV	3800.902	3879.015	3700 to 3980	Pass
			30	NV	3800.805	3879.025	3700 to 3980	Pass
			40	NV	3800.888	3878.910	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3800.844	3879.044	3700 to 3980	Pass
				HV	3800.735	3878.953	3700 to 3980	Pass
			-30	NV	3800.850	3879.108	3700 to 3980	Pass
			-20	NV	3800.753	3878.902	3700 to 3980	Pass
			-10	NV	3800.754	3879.070	3700 to 3980	Pass
			0	NV	3800.642	3878.716	3700 to 3980	Pass
			10	NV	3800.489	3878.623	3700 to 3980	Pass
			20	NV	3800.660	3878.976	3700 to 3980	Pass
			30	NV	3800.471	3878.782	3700 to 3980	Pass
			40	NV	3800.490	3878.774	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3800.855	3878.524	3700 to 3980	Pass
				HV	3800.684	3878.717	3700 to 3980	Pass
			-30	NV	3800.809	3878.726	3700 to 3980	Pass
			-20	NV	3800.496	3878.817	3700 to 3980	Pass
			-10	NV	3800.776	3878.792	3700 to 3980	Pass
			0	NV	3800.763	3879.164	3700 to 3980	Pass
			10	NV	3800.899	3878.960	3700 to 3980	Pass
			20	NV	3800.728	3878.819	3700 to 3980	Pass
			30	NV	3800.816	3879.000	3700 to 3980	Pass
			40	NV	3800.647	3878.724	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3800.772	3879.387	3700 to 3980	Pass
				HV	3800.650	3878.988	3700 to 3980	Pass
			-30	NV	3800.616	3879.172	3700 to 3980	Pass
			-20	NV	3800.732	3878.959	3700 to 3980	Pass
			-10	NV	3800.664	3879.313	3700 to 3980	Pass

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			0	NV	3800.731	3879.512	3700 to 3980	Pass
			10	NV	3800.797	3879.699	3700 to 3980	Pass
			20	NV	3800.750	3879.164	3700 to 3980	Pass
			30	NV	3800.652	3879.384	3700 to 3980	Pass
			40	NV	3800.774	3879.337	3700 to 3980	Pass
			50	NV	3800.927	3879.146	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3800.738	3879.011	3700 to 3980	Pass
				HV	3740.909	3939.127	3700 to 3980	Pass
			-30	NV	3800.779	3879.160	3700 to 3980	Pass
			-20	NV	3800.761	3879.313	3700 to 3980	Pass
			-10	NV	3800.765	3879.191	3700 to 3980	Pass
			0	NV	3800.760	3879.127	3700 to 3980	Pass
			10	NV	3800.682	3879.195	3700 to 3980	Pass
			20	NV	3800.905	3879.236	3700 to 3980	Pass
			30	NV	3800.697	3879.401	3700 to 3980	Pass
			40	NV	3800.651	3879.394	3700 to 3980	Pass
			50	NV	3800.695	3879.006	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3800.749	3879.519	3700 to 3980	Pass
				HV	3801.020	3879.313	3700 to 3980	Pass
			-30	NV	3800.717	3879.106	3700 to 3980	Pass
			-20	NV	3800.739	3879.143	3700 to 3980	Pass
			-10	NV	3800.934	3879.158	3700 to 3980	Pass
			0	NV	3800.643	3879.301	3700 to 3980	Pass
			10	NV	3800.718	3879.266	3700 to 3980	Pass
			20	NV	3800.808	3879.171	3700 to 3980	Pass
			30	NV	3844.536	3879.973	3700 to 3980	Pass
			40	NV	3801.229	3879.193	3700 to 3980	Pass
			50	NV	3801.302	3879.319	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3800.739	3879.248	3700 to 3980	Pass
				HV	3800.700	3879.138	3700 to 3980	Pass
			-30	NV	3801.029	3879.154	3700 to 3980	Pass
			-20	NV	3800.756	3879.080	3700 to 3980	Pass
			-10	NV	3800.689	3878.845	3700 to 3980	Pass
			0	NV	3800.699	3879.139	3700 to 3980	Pass
			10	NV	3800.542	3879.212	3700 to 3980	Pass
			20	NV	3800.714	3879.062	3700 to 3980	Pass
			30	NV	3800.611	3878.940	3700 to 3980	Pass
			40	NV	3800.785	3879.312	3700 to 3980	Pass
			50	NV	3832.204	3879.602	3700 to 3980	Pass



6.1.9 30_S_90M

5G NR n77a SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3795.431	3883.200	3700 to 3980	Pass
				HV	3795.736	3883.381	3700 to 3980	Pass
			-30	NV	3796.093	3883.328	3700 to 3980	Pass
			-20	NV	3795.683	3883.584	3700 to 3980	Pass
			-10	NV	3795.822	3883.562	3700 to 3980	Pass
			0	NV	3795.622	3883.336	3700 to 3980	Pass
			10	NV	3795.688	3883.517	3700 to 3980	Pass
			20	NV	3795.724	3883.611	3700 to 3980	Pass
			30	NV	3795.783	3883.297	3700 to 3980	Pass
			40	NV	3795.991	3883.471	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	50	NV	3795.946	3883.347	3700 to 3980	Pass
			20	LV	3795.732	3883.512	3700 to 3980	Pass
				HV	3796.084	3883.328	3700 to 3980	Pass
			-30	NV	3795.905	3883.481	3700 to 3980	Pass
			-20	NV	3795.693	3883.555	3700 to 3980	Pass
			-10	NV	3795.769	3883.634	3700 to 3980	Pass
			0	NV	3796.064	3883.454	3700 to 3980	Pass

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			10	NV	3795.706	3883.154	3700 to 3980	Pass
			20	NV	3795.914	3883.455	3700 to 3980	Pass
			30	NV	3795.843	3883.611	3700 to 3980	Pass
			40	NV	3795.868	3883.795	3700 to 3980	Pass
			50	NV	3795.965	3883.425	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3795.754	3883.329	3700 to 3980	Pass
				HV	3795.600	3883.542	3700 to 3980	Pass
			-30	NV	3795.885	3883.638	3700 to 3980	Pass
			-20	NV	3795.870	3883.607	3700 to 3980	Pass
			-10	NV	3796.007	3883.834	3700 to 3980	Pass
			0	NV	3795.948	3883.776	3700 to 3980	Pass
			10	NV	3796.062	3883.788	3700 to 3980	Pass
			20	NV	3795.961	3883.252	3700 to 3980	Pass
			30	NV	3795.852	3883.453	3700 to 3980	Pass
			40	NV	3795.934	3883.447	3700 to 3980	Pass
			50	NV	3795.765	3883.257	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3795.800	3883.354	3700 to 3980	Pass
				HV	3795.842	3883.319	3700 to 3980	Pass
			-30	NV	3795.587	3883.859	3700 to 3980	Pass
			-20	NV	3795.921	3883.409	3700 to 3980	Pass
			-10	NV	3795.676	3883.432	3700 to 3980	Pass
			0	NV	3795.895	3883.404	3700 to 3980	Pass
			10	NV	3796.029	3883.352	3700 to 3980	Pass
			20	NV	3796.118	3883.358	3700 to 3980	Pass
			30	NV	3796.084	3883.468	3700 to 3980	Pass
			40	NV	3795.829	3883.391	3700 to 3980	Pass
			50	NV	3796.004	3883.541	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3795.932	3883.454	3700 to 3980	Pass
				HV	3795.896	3883.369	3700 to 3980	Pass
			-30	NV	3795.573	3883.348	3700 to 3980	Pass
			-20	NV	3796.029	3883.563	3700 to 3980	Pass
			-10	NV	3795.881	3883.375	3700 to 3980	Pass
			0	NV	3795.917	3883.484	3700 to 3980	Pass
			10	NV	3795.747	3883.634	3700 to 3980	Pass
			20	NV	3795.638	3883.379	3700 to 3980	Pass
			30	NV	3795.909	3883.411	3700 to 3980	Pass
			40	NV	3795.835	3883.237	3700 to 3980	Pass
			50	NV	3795.719	3883.169	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3795.556	3884.212	3700 to 3980	Pass
				HV	3796.188	3884.314	3700 to 3980	Pass
			-30	NV	3796.204	3884.076	3700 to 3980	Pass
			-20	NV	3795.836	3884.461	3700 to 3980	Pass
			-10	NV	3795.685	3884.196	3700 to 3980	Pass
			0	NV	3795.863	3883.861	3700 to 3980	Pass
			10	NV	3795.923	3884.328	3700 to 3980	Pass
			20	NV	3795.844	3884.317	3700 to 3980	Pass
			30	NV	3795.741	3884.096	3700 to 3980	Pass
			40	NV	3796.076	3884.403	3700 to 3980	Pass
			50	NV	3795.808	3884.164	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3795.468	3883.993	3700 to 3980	Pass
				HV	3795.900	3884.288	3700 to 3980	Pass
			-30	NV	3795.610	3884.260	3700 to 3980	Pass
			-20	NV	3795.659	3884.077	3700 to 3980	Pass
			-10	NV	3795.578	3884.130	3700 to 3980	Pass
			0	NV	3795.850	3884.221	3700 to 3980	Pass
			10	NV	3795.819	3884.123	3700 to 3980	Pass
			20	NV	3795.649	3884.176	3700 to 3980	Pass
			30	NV	3795.785	3883.891	3700 to 3980	Pass
			40	NV	3795.820	3884.246	3700 to 3980	Pass
			50	NV	3795.701	3884.337	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3795.756	3884.270	3700 to 3980	Pass
				HV	3796.055	3884.448	3700 to 3980	Pass

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			-30	NV	3795.846	3884.622	3700 to 3980	Pass
			-20	NV	3795.742	3884.491	3700 to 3980	Pass
			-10	NV	3795.680	3884.395	3700 to 3980	Pass
			0	NV	3796.027	3884.271	3700 to 3980	Pass
			10	NV	3795.822	3884.327	3700 to 3980	Pass
			20	NV	3795.622	3884.468	3700 to 3980	Pass
			30	NV	3796.014	3884.150	3700 to 3980	Pass
			40	NV	3795.812	3884.153	3700 to 3980	Pass
			50	NV	3796.045	3884.069	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3796.085	3884.152	3700 to 3980	Pass
				HV	3795.754	3883.994	3700 to 3980	Pass
			-30	NV	3795.849	3884.334	3700 to 3980	Pass
			-20	NV	3795.582	3884.196	3700 to 3980	Pass
			-10	NV	3795.827	3884.040	3700 to 3980	Pass
			0	NV	3795.719	3884.221	3700 to 3980	Pass
			10	NV	3795.957	3884.544	3700 to 3980	Pass
			20	NV	3795.867	3883.887	3700 to 3980	Pass
			30	NV	3795.813	3884.248	3700 to 3980	Pass
			40	NV	3795.681	3884.063	3700 to 3980	Pass
			50	NV	3795.671	3884.192	3700 to 3980	Pass

6.1.10 30_S_100M

5G NR n77a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	3790.764	3888.039	3700 to 3980	Pass
				HV	3790.990	3888.081	3700 to 3980	Pass
			-30	NV	3790.924	3888.280	3700 to 3980	Pass
			-20	NV	3791.000	3888.110	3700 to 3980	Pass
			-10	NV	3790.972	3887.907	3700 to 3980	Pass
			0	NV	3790.832	3888.152	3700 to 3980	Pass
			10	NV	3790.875	3888.235	3700 to 3980	Pass
			20	NV	3790.836	3887.788	3700 to 3980	Pass
			30	NV	3790.952	3887.741	3700 to 3980	Pass
			40	NV	3791.198	3888.060	3700 to 3980	Pass
			50	NV	3791.094	3888.199	3700 to 3980	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	3790.963	3888.082	3700 to 3980	Pass
				HV	3790.868	3887.910	3700 to 3980	Pass
			-30	NV	3790.618	3888.126	3700 to 3980	Pass
			-20	NV	3791.009	3888.121	3700 to 3980	Pass
			-10	NV	3790.658	3887.985	3700 to 3980	Pass
			0	NV	3790.637	3887.974	3700 to 3980	Pass
			10	NV	3790.911	3888.014	3700 to 3980	Pass
			20	NV	3790.811	3888.115	3700 to 3980	Pass
			30	NV	3790.877	3887.956	3700 to 3980	Pass
			40	NV	3790.903	3888.197	3700 to 3980	Pass
			50	NV	3791.058	3887.941	3700 to 3980	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3790.746	3888.031	3700 to 3980	Pass
				HV	3790.706	3888.072	3700 to 3980	Pass
			-30	NV	3790.933	3888.161	3700 to 3980	Pass
			-20	NV	3791.040	3888.018	3700 to 3980	Pass
			-10	NV	3790.896	3887.969	3700 to 3980	Pass
			0	NV	3790.873	3888.198	3700 to 3980	Pass
			10	NV	3790.450	3887.982	3700 to 3980	Pass
			20	NV	3790.852	3888.233	3700 to 3980	Pass
			30	NV	3790.923	3888.203	3700 to 3980	Pass
			40	NV	3790.965	3888.270	3700 to 3980	Pass
			50	NV	3790.877	3888.039	3700 to 3980	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	3790.955	3888.180	3700 to 3980	Pass
				HV	3790.972	3887.965	3700 to 3980	Pass
			-30	NV	3790.997	3887.681	3700 to 3980	Pass

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			-20	NV	3790.914	3888.220	3700 to 3980	Pass
			-10	NV	3790.762	3888.066	3700 to 3980	Pass
			0	NV	3790.827	3887.939	3700 to 3980	Pass
			10	NV	3791.128	3887.939	3700 to 3980	Pass
			20	NV	3790.723	3888.272	3700 to 3980	Pass
			30	NV	3790.731	3887.938	3700 to 3980	Pass
			40	NV	3790.759	3888.178	3700 to 3980	Pass
			50	NV	3791.267	3887.947	3700 to 3980	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	3791.108	3887.746	3700 to 3980	Pass
				HV	3790.922	3888.173	3700 to 3980	Pass
			-30	NV	3790.936	3888.177	3700 to 3980	Pass
			-20	NV	3790.833	3888.184	3700 to 3980	Pass
			-10	NV	3790.950	3888.141	3700 to 3980	Pass
			0	NV	3790.964	3887.875	3700 to 3980	Pass
			10	NV	3791.144	3888.003	3700 to 3980	Pass
			20	NV	3790.781	3888.016	3700 to 3980	Pass
			30	NV	3791.129	3888.177	3700 to 3980	Pass
			40	NV	3790.584	3887.912	3700 to 3980	Pass
			50	NV	3790.741	3888.125	3700 to 3980	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	3790.783	3889.508	3700 to 3980	Pass
				HV	3790.943	3888.979	3700 to 3980	Pass
			-30	NV	3790.931	3888.958	3700 to 3980	Pass
			-20	NV	3790.942	3889.247	3700 to 3980	Pass
			-10	NV	3790.838	3889.169	3700 to 3980	Pass
			0	NV	3790.838	3888.671	3700 to 3980	Pass
			10	NV	3790.983	3889.019	3700 to 3980	Pass
			20	NV	3790.817	3889.228	3700 to 3980	Pass
			30	NV	3790.737	3888.839	3700 to 3980	Pass
			40	NV	3791.056	3889.211	3700 to 3980	Pass
			50	NV	3790.804	3888.699	3700 to 3980	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3790.878	3888.986	3700 to 3980	Pass
				HV	3790.933	3889.375	3700 to 3980	Pass
			-30	NV	3790.959	3889.221	3700 to 3980	Pass
			-20	NV	3790.838	3889.256	3700 to 3980	Pass
			-10	NV	3791.000	3889.395	3700 to 3980	Pass
			0	NV	3790.950	3889.087	3700 to 3980	Pass
			10	NV	3790.746	3888.900	3700 to 3980	Pass
			20	NV	3790.925	3889.245	3700 to 3980	Pass
			30	NV	3790.840	3889.264	3700 to 3980	Pass
			40	NV	3790.974	3889.172	3700 to 3980	Pass
			50	NV	3790.873	3888.957	3700 to 3980	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	3790.725	3889.236	3700 to 3980	Pass
				HV	3791.125	3889.221	3700 to 3980	Pass
			-30	NV	3791.073	3889.292	3700 to 3980	Pass
			-20	NV	3790.969	3888.911	3700 to 3980	Pass
			-10	NV	3791.009	3889.006	3700 to 3980	Pass
			0	NV	3790.741	3889.390	3700 to 3980	Pass
			10	NV	3791.176	3889.454	3700 to 3980	Pass
			20	NV	3790.646	3889.180	3700 to 3980	Pass
			30	NV	3791.029	3889.091	3700 to 3980	Pass
			40	NV	3790.958	3889.034	3700 to 3980	Pass
			50	NV	3791.020	3889.166	3700 to 3980	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	3790.661	3888.867	3700 to 3980	Pass
				HV	3790.709	3889.251	3700 to 3980	Pass
			-30	NV	3791.129	3888.928	3700 to 3980	Pass
			-20	NV	3790.953	3889.169	3700 to 3980	Pass
			-10	NV	3790.719	3889.226	3700 to 3980	Pass
			0	NV	3790.964	3888.953	3700 to 3980	Pass
			10	NV	3790.829	3889.140	3700 to 3980	Pass
			20	NV	3790.849	3889.048	3700 to 3980	Pass
			30	NV	3790.812	3889.196	3700 to 3980	Pass
			40	NV	3790.906	3889.060	3700 to 3980	Pass



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			50	NV	3790.991	3889.111	3700 to 3980	Pass
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