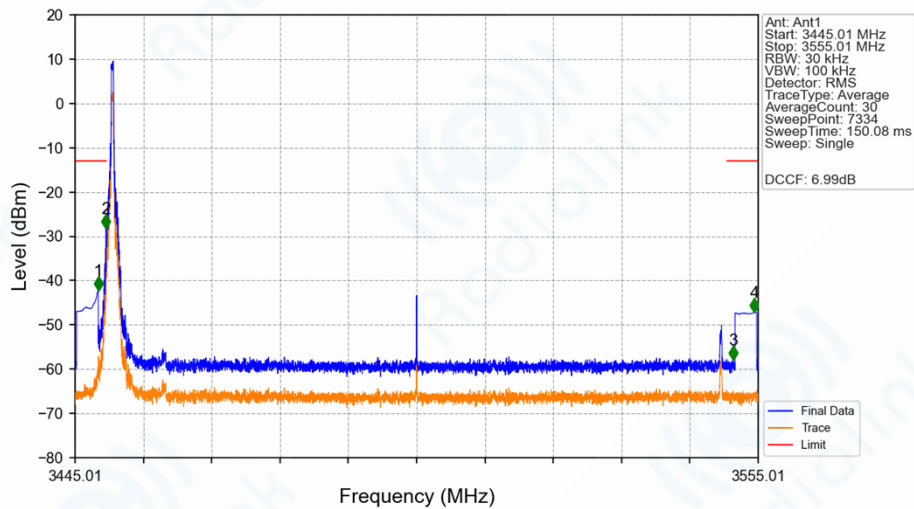
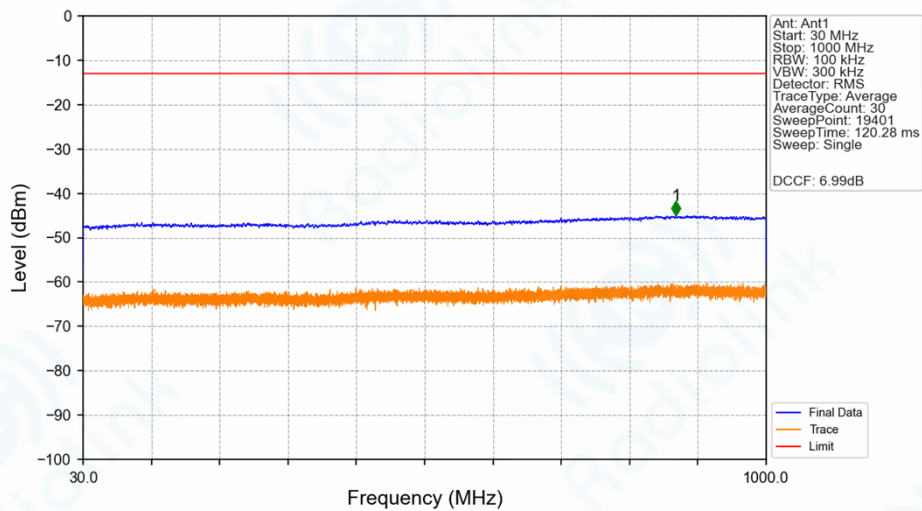


n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



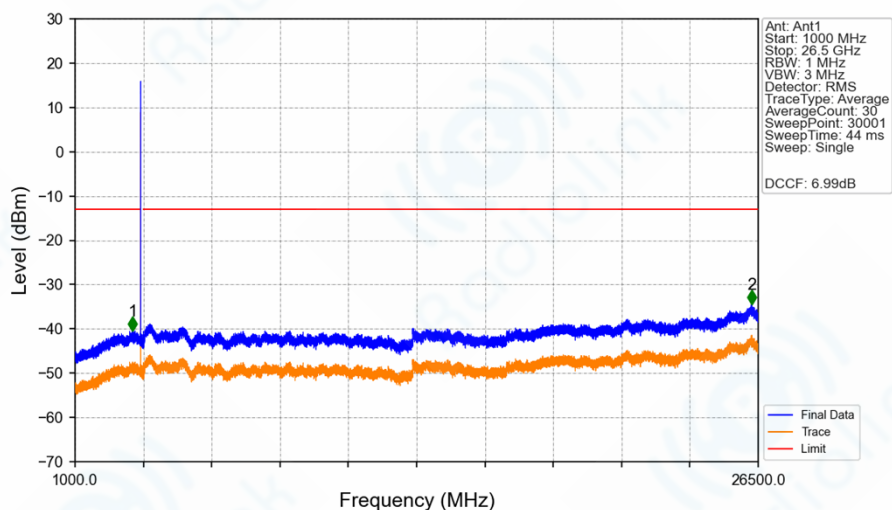
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



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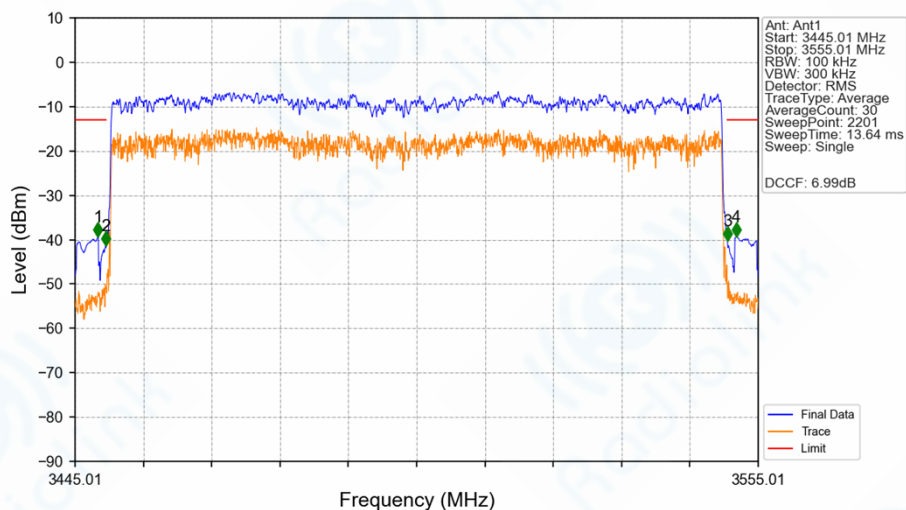
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n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3149.650	-40.47	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	26500	1	/	2	26259.450	-34.42	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1



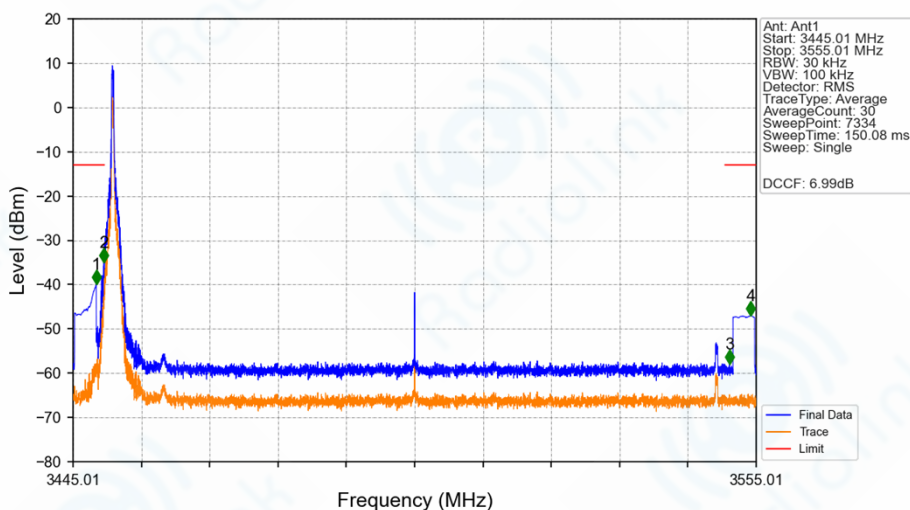
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3449.01	0.5	CHP	1	3448.710	-39.27	-13	Pass
3449.01	3450.01	0.2	CHP	2	3449.960	-41.35	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	3	3550.060	-40.17	-13	Pass
3551.01	3555.01	0.5	CHP	4	3551.460	-39.25	-13	Pass

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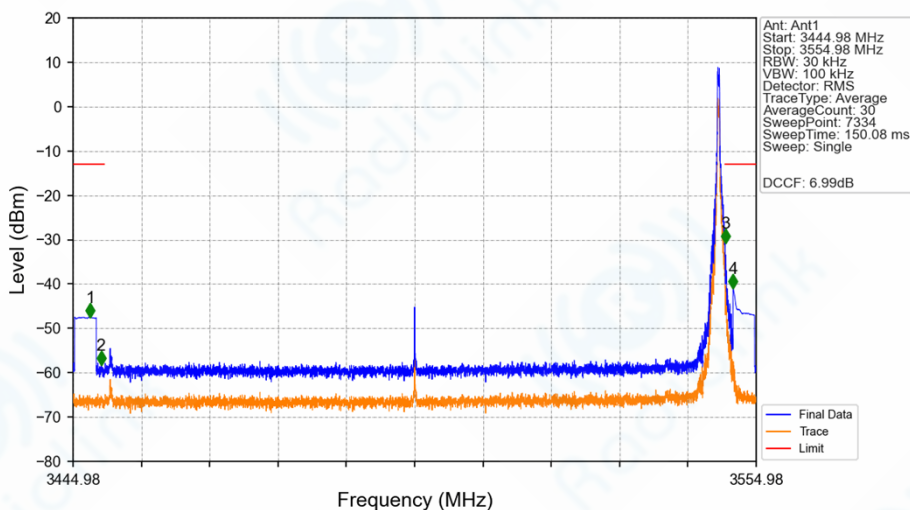
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n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Inner_1RB_Left_Ant1



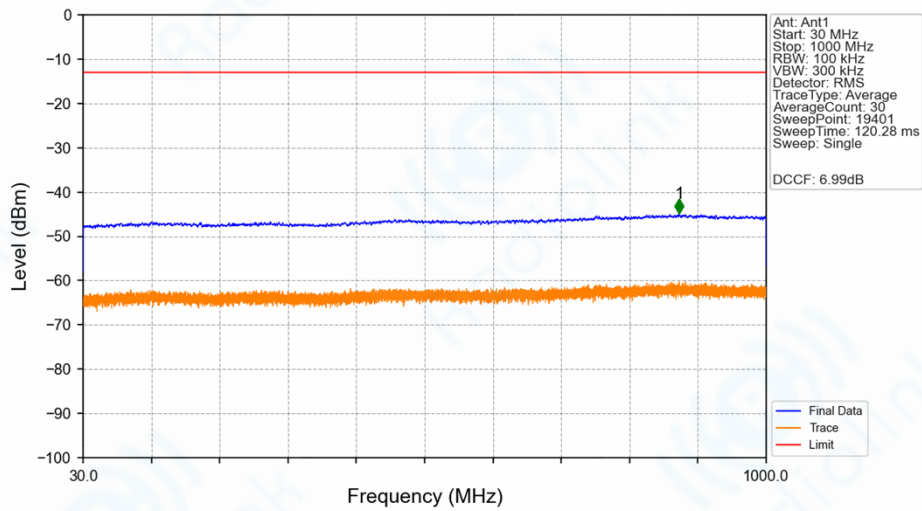
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3449.01	0.5	CHP	1	3448.730	-39.93	-13	Pass
3449.01	3450.01	0.03	/	2	3449.975	-35.00	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	3	3550.705	-57.84	-13	Pass
3551.01	3555.01	0.5	CHP	4	3554.110	-47.01	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right_Ant1



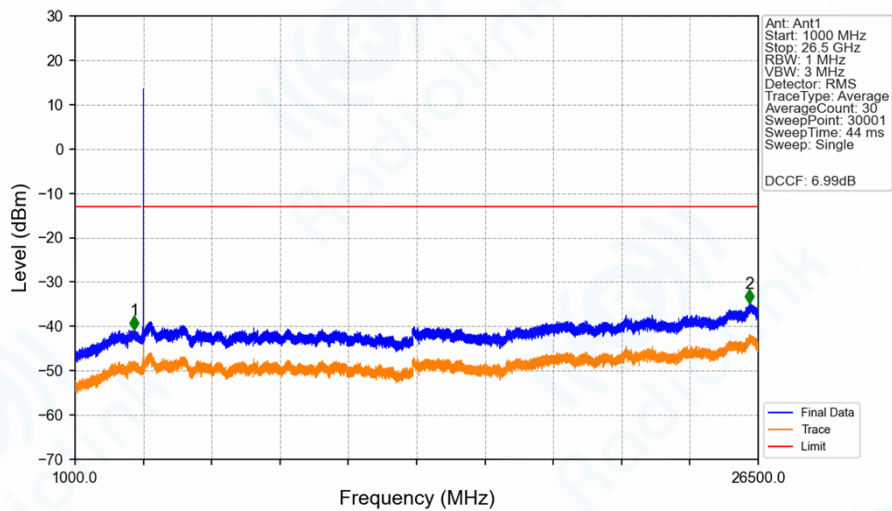
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3444.98	3448.98	0.5	CHP	1	3447.725	-47.44	-13	Pass
3448.98	3449.98	0.03	/	2	3449.480	-58.25	-13	Pass
3449.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	3	3549.985	-30.84	-13	Pass
3550.98	3554.98	0.5	CHP	4	3551.260	-40.89	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_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	876.450	-44.84	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right_Ant1



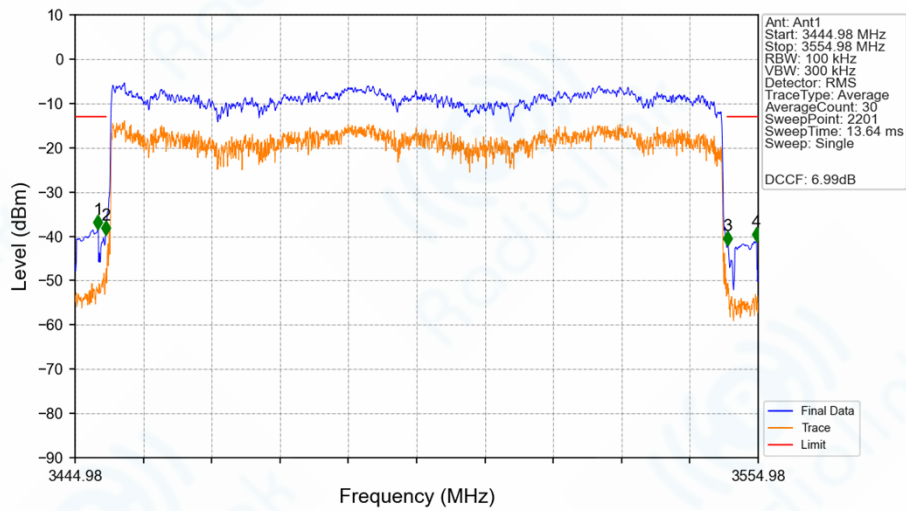
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3444.98	1	/	1	3215.100	-40.76	-13	Pass
3444.98	3554.98	1	/	/	/	/	/	/
3554.98	26500	1	/	2	26174.450	-34.80	-13	Pass

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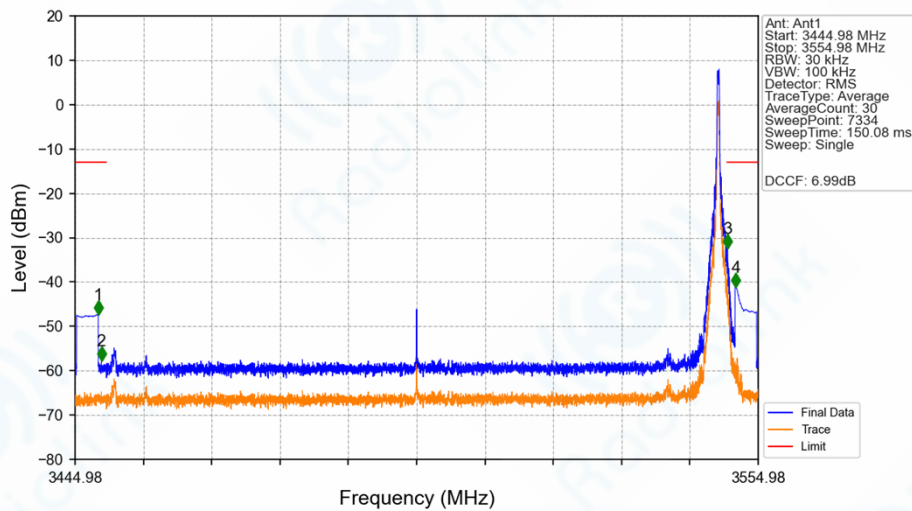
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n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3444.98	3448.98	0.5	CHP	1	3448.680	-38.41	-13	Pass
3448.98	3449.98	0.2	CHP	2	3449.930	-39.72	-13	Pass
3449.98	3549.98	0.2	CHP	/	/	/	/	/
3549.98	3550.98	0.2	CHP	3	3550.030	-42.04	-13	Pass
3550.98	3554.98	0.5	CHP	4	3554.680	-41.16	-13	Pass

n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Inner_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3444.98	3448.98	0.5	CHP	1	3448.715	-47.33	-13	Pass
3448.98	3449.98	0.03	/	2	3449.210	-57.77	-13	Pass
3449.98	3549.98	0.03	/	/	/	/	/	/
3549.98	3550.98	0.03	/	3	3550.015	-32.44	-13	Pass
3550.98	3554.98	0.5	CHP	4	3551.365	-41.12	-13	Pass

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6. Frequency Stability (IC)

6.1 Test Result

6.1.1 30_S_10M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3495.659	3504.403	3490 to 3510	Pass
				HV	3495.681	3504.381	3490 to 3510	Pass
			-30	NV	3495.688	3504.375	3490 to 3510	Pass
			-20	NV	3495.678	3504.385	3490 to 3510	Pass
			-10	NV	3495.671	3504.351	3490 to 3510	Pass
			0	NV	3495.688	3504.376	3490 to 3510	Pass
			10	NV	3495.676	3504.366	3490 to 3510	Pass
			20	NV	3495.692	3504.382	3490 to 3510	Pass
			30	NV	3495.698	3504.375	3490 to 3510	Pass
			40	NV	3495.658	3504.382	3490 to 3510	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3495.664	3504.352	3490 to 3510	Pass
				HV	3495.649	3504.386	3490 to 3510	Pass
			-30	NV	3495.661	3504.360	3490 to 3510	Pass
			-20	NV	3495.652	3504.377	3490 to 3510	Pass
			-10	NV	3495.662	3504.356	3490 to 3510	Pass
			0	NV	3495.652	3504.361	3490 to 3510	Pass
			10	NV	3495.640	3504.360	3490 to 3510	Pass
			20	NV	3495.641	3504.365	3490 to 3510	Pass
			30	NV	3495.648	3504.377	3490 to 3510	Pass
			40	NV	3495.641	3504.362	3490 to 3510	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3495.633	3504.348	3490 to 3510	Pass
				HV	3495.633	3504.360	3490 to 3510	Pass
			-30	NV	3495.635	3504.361	3490 to 3510	Pass
			-20	NV	3495.658	3504.376	3490 to 3510	Pass
			-10	NV	3495.639	3504.355	3490 to 3510	Pass
			0	NV	3495.664	3504.362	3490 to 3510	Pass
			10	NV	3495.638	3504.357	3490 to 3510	Pass
			20	NV	3495.628	3504.357	3490 to 3510	Pass
			30	NV	3495.649	3504.356	3490 to 3510	Pass
			40	NV	3495.620	3504.374	3490 to 3510	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3495.666	3504.392	3490 to 3510	Pass
				HV	3495.662	3504.385	3490 to 3510	Pass
			-30	NV	3495.671	3504.388	3490 to 3510	Pass
			-20	NV	3495.665	3504.380	3490 to 3510	Pass
			-10	NV	3495.631	3504.393	3490 to 3510	Pass
			0	NV	3495.649	3504.373	3490 to 3510	Pass
			10	NV	3495.673	3504.377	3490 to 3510	Pass
			20	NV	3495.658	3504.379	3490 to 3510	Pass
			30	NV	3495.651	3504.379	3490 to 3510	Pass
			40	NV	3495.637	3504.376	3490 to 3510	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3495.623	3504.409	3490 to 3510	Pass
				HV	3495.617	3504.407	3490 to 3510	Pass
			-30	NV	3495.635	3504.426	3490 to 3510	Pass
			-20	NV	3495.611	3504.399	3490 to 3510	Pass
			-10	NV	3495.620	3504.423	3490 to 3510	Pass
			0	NV	3495.636	3504.401	3490 to 3510	Pass
			10	NV	3495.626	3504.413	3490 to 3510	Pass



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			20	NV	3495.607	3504.423	3490 to 3510	Pass
			30	NV	3495.616	3504.409	3490 to 3510	Pass
			40	NV	3495.643	3504.428	3490 to 3510	Pass
			50	NV	3495.627	3504.428	3490 to 3510	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3495.656	3504.364	3490 to 3510	Pass
				HV	3495.659	3504.361	3490 to 3510	Pass
			-30	NV	3495.656	3504.344	3490 to 3510	Pass
			-20	NV	3495.652	3504.333	3490 to 3510	Pass
			-10	NV	3495.652	3504.366	3490 to 3510	Pass
			0	NV	3495.662	3504.360	3490 to 3510	Pass
			10	NV	3495.647	3504.350	3490 to 3510	Pass
			20	NV	3495.667	3504.349	3490 to 3510	Pass
			30	NV	3495.654	3504.374	3490 to 3510	Pass
			40	NV	3495.648	3504.344	3490 to 3510	Pass
			50	NV	3495.653	3504.348	3490 to 3510	Pass
			20	LV	3495.632	3504.374	3490 to 3510	Pass
				HV	3495.626	3504.367	3490 to 3510	Pass
			-30	NV	3495.635	3504.368	3490 to 3510	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	-20	NV	3495.638	3504.353	3490 to 3510	Pass
			-10	NV	3495.649	3504.337	3490 to 3510	Pass
			0	NV	3495.665	3504.361	3490 to 3510	Pass
			10	NV	3495.643	3504.368	3490 to 3510	Pass
			20	NV	3495.643	3504.332	3490 to 3510	Pass
			30	NV	3495.658	3504.341	3490 to 3510	Pass
			40	NV	3495.648	3504.376	3490 to 3510	Pass
			50	NV	3495.628	3504.376	3490 to 3510	Pass
			20	LV	3495.651	3504.366	3490 to 3510	Pass
				HV	3495.651	3504.364	3490 to 3510	Pass
			-30	NV	3495.649	3504.334	3490 to 3510	Pass
			-20	NV	3495.643	3504.382	3490 to 3510	Pass
			-10	NV	3495.651	3504.359	3490 to 3510	Pass
			0	NV	3495.644	3504.361	3490 to 3510	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	10	NV	3495.638	3504.360	3490 to 3510	Pass
			20	NV	3495.658	3504.374	3490 to 3510	Pass
			30	NV	3495.658	3504.354	3490 to 3510	Pass
			40	NV	3495.635	3504.341	3490 to 3510	Pass
			50	NV	3495.662	3504.355	3490 to 3510	Pass
			20	LV	3495.649	3504.361	3490 to 3510	Pass
				HV	3495.654	3504.378	3490 to 3510	Pass
			-30	NV	3495.652	3504.359	3490 to 3510	Pass
			-20	NV	3495.647	3504.363	3490 to 3510	Pass
			-10	NV	3495.652	3504.369	3490 to 3510	Pass
			0	NV	3495.654	3504.376	3490 to 3510	Pass
			10	NV	3495.655	3504.367	3490 to 3510	Pass
			20	NV	3495.667	3504.374	3490 to 3510	Pass
			30	NV	3495.658	3504.364	3490 to 3510	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	3495.648	3504.358	3490 to 3510	Pass
			50	NV	3495.643	3504.363	3490 to 3510	Pass

6.1.2 30_S_20M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3490.600	3509.022	3490 to 3510	Pass
				HV	3490.587	3509.017	3490 to 3510	Pass
			-30	NV	3490.556	3509.016	3490 to 3510	Pass
			-20	NV	3490.607	3509.020	3490 to 3510	Pass
			-10	NV	3490.588	3509.017	3490 to 3510	Pass
			0	NV	3490.612	3509.019	3490 to 3510	Pass
			10	NV	3490.570	3509.017	3490 to 3510	Pass
			20	NV	3490.571	3509.025	3490 to 3510	Pass

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			30	NV	3490.602	3509.026	3490 to 3510	Pass
			40	NV	3490.596	3509.013	3490 to 3510	Pass
			50	NV	3490.613	3509.006	3490 to 3510	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3490.618	3509.015	3490 to 3510	Pass
				HV	3490.595	3509.014	3490 to 3510	Pass
			-30	NV	3490.617	3509.050	3490 to 3510	Pass
			-20	NV	3490.601	3509.036	3490 to 3510	Pass
			-10	NV	3490.590	3509.020	3490 to 3510	Pass
			0	NV	3490.582	3509.000	3490 to 3510	Pass
			10	NV	3490.597	3509.025	3490 to 3510	Pass
			20	NV	3490.624	3509.038	3490 to 3510	Pass
			30	NV	3490.649	3509.008	3490 to 3510	Pass
			40	NV	3490.619	3509.047	3490 to 3510	Pass
			50	NV	3490.613	3509.029	3490 to 3510	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3490.540	3508.971	3490 to 3510	Pass
				HV	3490.526	3509.006	3490 to 3510	Pass
			-30	NV	3490.609	3509.017	3490 to 3510	Pass
			-20	NV	3490.564	3508.991	3490 to 3510	Pass
			-10	NV	3490.520	3508.988	3490 to 3510	Pass
			0	NV	3490.576	3508.989	3490 to 3510	Pass
			10	NV	3490.636	3508.994	3490 to 3510	Pass
			20	NV	3490.515	3508.974	3490 to 3510	Pass
			30	NV	3490.614	3508.996	3490 to 3510	Pass
			40	NV	3490.515	3508.990	3490 to 3510	Pass
			50	NV	3490.573	3508.993	3490 to 3510	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3490.646	3509.007	3490 to 3510	Pass
				HV	3490.657	3509.007	3490 to 3510	Pass
			-30	NV	3490.648	3509.008	3490 to 3510	Pass
			-20	NV	3490.655	3509.040	3490 to 3510	Pass
			-10	NV	3490.660	3509.017	3490 to 3510	Pass
			0	NV	3490.664	3509.007	3490 to 3510	Pass
			10	NV	3490.664	3509.039	3490 to 3510	Pass
			20	NV	3490.644	3509.053	3490 to 3510	Pass
			30	NV	3490.654	3509.025	3490 to 3510	Pass
			40	NV	3490.651	3509.011	3490 to 3510	Pass
			50	NV	3490.666	3509.015	3490 to 3510	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3490.654	3509.019	3490 to 3510	Pass
				HV	3490.644	3509.039	3490 to 3510	Pass
			-30	NV	3490.627	3509.001	3490 to 3510	Pass
			-20	NV	3490.663	3509.045	3490 to 3510	Pass
			-10	NV	3490.645	3509.041	3490 to 3510	Pass
			0	NV	3490.638	3509.027	3490 to 3510	Pass
			10	NV	3490.626	3509.042	3490 to 3510	Pass
			20	NV	3490.651	3509.031	3490 to 3510	Pass
			30	NV	3490.621	3509.053	3490 to 3510	Pass
			40	NV	3490.641	3509.010	3490 to 3510	Pass
			50	NV	3490.661	3509.042	3490 to 3510	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3490.611	3509.307	3490 to 3510	Pass
				HV	3490.647	3509.331	3490 to 3510	Pass
			-30	NV	3490.637	3509.336	3490 to 3510	Pass
			-20	NV	3490.654	3509.337	3490 to 3510	Pass
			-10	NV	3490.658	3509.364	3490 to 3510	Pass
			0	NV	3490.637	3509.351	3490 to 3510	Pass
			10	NV	3490.644	3509.365	3490 to 3510	Pass
			20	NV	3490.615	3509.354	3490 to 3510	Pass
			30	NV	3490.601	3509.317	3490 to 3510	Pass
			40	NV	3490.645	3509.357	3490 to 3510	Pass
			50	NV	3490.662	3509.343	3490 to 3510	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3490.666	3509.339	3490 to 3510	Pass
				HV	3490.694	3509.356	3490 to 3510	Pass
			-30	NV	3490.661	3509.354	3490 to 3510	Pass
			-20	NV	3490.675	3509.332	3490 to 3510	Pass

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			-10	NV	3490.685	3509.348	3490 to 3510	Pass
			0	NV	3490.647	3509.341	3490 to 3510	Pass
			10	NV	3490.672	3509.355	3490 to 3510	Pass
			20	NV	3490.659	3509.323	3490 to 3510	Pass
			30	NV	3490.672	3509.340	3490 to 3510	Pass
			40	NV	3490.663	3509.370	3490 to 3510	Pass
			50	NV	3490.668	3509.344	3490 to 3510	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3490.624	3509.365	3490 to 3510	Pass
				HV	3490.646	3509.434	3490 to 3510	Pass
			-30	NV	3490.643	3509.400	3490 to 3510	Pass
			-20	NV	3490.627	3509.460	3490 to 3510	Pass
			-10	NV	3490.639	3509.403	3490 to 3510	Pass
			0	NV	3490.657	3509.395	3490 to 3510	Pass
			10	NV	3490.628	3509.351	3490 to 3510	Pass
			20	NV	3490.628	3509.457	3490 to 3510	Pass
			30	NV	3490.618	3509.345	3490 to 3510	Pass
			40	NV	3490.644	3509.397	3490 to 3510	Pass
			50	NV	3490.632	3509.421	3490 to 3510	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3490.633	3509.361	3490 to 3510	Pass
				HV	3490.631	3509.365	3490 to 3510	Pass
			-30	NV	3490.657	3509.339	3490 to 3510	Pass
			-20	NV	3490.636	3509.341	3490 to 3510	Pass
			-10	NV	3490.635	3509.306	3490 to 3510	Pass
			0	NV	3490.588	3509.344	3490 to 3510	Pass
			10	NV	3490.641	3509.326	3490 to 3510	Pass
			20	NV	3490.655	3509.354	3490 to 3510	Pass
			30	NV	3490.625	3509.352	3490 to 3510	Pass
			40	NV	3490.671	3509.356	3490 to 3510	Pass
			50	NV	3490.619	3509.348	3490 to 3510	Pass

6.1.3 30_S_30M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3485.893	3513.111	3480 to 3520	Pass
				HV	3485.876	3513.069	3480 to 3520	Pass
			-30	NV	3485.888	3513.040	3480 to 3520	Pass
			-20	NV	3485.857	3513.103	3480 to 3520	Pass
			-10	NV	3485.859	3513.138	3480 to 3520	Pass
			0	NV	3485.867	3513.061	3480 to 3520	Pass
			10	NV	3485.849	3513.104	3480 to 3520	Pass
			20	NV	3485.875	3513.098	3480 to 3520	Pass
			30	NV	3485.854	3513.041	3480 to 3520	Pass
			40	NV	3485.890	3513.067	3480 to 3520	Pass
			50	NV	3485.859	3513.099	3480 to 3520	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3485.898	3513.079	3480 to 3520	Pass
				HV	3485.869	3513.064	3480 to 3520	Pass
			-30	NV	3485.904	3513.028	3480 to 3520	Pass
			-20	NV	3485.880	3513.055	3480 to 3520	Pass
			-10	NV	3485.856	3513.080	3480 to 3520	Pass
			0	NV	3485.874	3513.085	3480 to 3520	Pass
			10	NV	3485.868	3513.065	3480 to 3520	Pass
			20	NV	3485.852	3513.068	3480 to 3520	Pass
			30	NV	3485.886	3513.056	3480 to 3520	Pass
			40	NV	3485.873	3513.063	3480 to 3520	Pass
			50	NV	3485.904	3513.054	3480 to 3520	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3485.850	3513.103	3480 to 3520	Pass
				HV	3485.883	3513.035	3480 to 3520	Pass
			-30	NV	3485.851	3513.048	3480 to 3520	Pass
			-20	NV	3485.878	3513.104	3480 to 3520	Pass
			-10	NV	3485.882	3513.078	3480 to 3520	Pass

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			0	NV	3485.863	3513.072	3480 to 3520	Pass
			10	NV	3485.879	3513.056	3480 to 3520	Pass
			20	NV	3485.860	3513.075	3480 to 3520	Pass
			30	NV	3485.868	3513.037	3480 to 3520	Pass
			40	NV	3485.858	3512.978	3480 to 3520	Pass
			50	NV	3485.873	3513.030	3480 to 3520	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3485.907	3513.025	3480 to 3520	Pass
				HV	3485.913	3513.045	3480 to 3520	Pass
			-30	NV	3485.903	3513.037	3480 to 3520	Pass
			-20	NV	3485.922	3513.028	3480 to 3520	Pass
			-10	NV	3485.912	3513.037	3480 to 3520	Pass
			0	NV	3485.910	3513.018	3480 to 3520	Pass
			10	NV	3485.933	3513.006	3480 to 3520	Pass
			20	NV	3485.923	3513.042	3480 to 3520	Pass
			30	NV	3485.906	3513.053	3480 to 3520	Pass
			40	NV	3485.904	3513.044	3480 to 3520	Pass
			50	NV	3485.934	3513.028	3480 to 3520	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3485.944	3513.067	3480 to 3520	Pass
				HV	3485.901	3513.031	3480 to 3520	Pass
			-30	NV	3485.858	3513.058	3480 to 3520	Pass
			-20	NV	3485.803	3513.038	3480 to 3520	Pass
			-10	NV	3485.844	3513.068	3480 to 3520	Pass
			0	NV	3485.871	3513.063	3480 to 3520	Pass
			10	NV	3485.903	3513.032	3480 to 3520	Pass
			20	NV	3485.909	3513.054	3480 to 3520	Pass
			30	NV	3485.875	3513.075	3480 to 3520	Pass
			40	NV	3485.841	3513.062	3480 to 3520	Pass
			50	NV	3485.751	3513.089	3480 to 3520	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3485.935	3514.088	3480 to 3520	Pass
				HV	3485.881	3514.106	3480 to 3520	Pass
			-30	NV	3485.912	3514.084	3480 to 3520	Pass
			-20	NV	3485.880	3514.097	3480 to 3520	Pass
			-10	NV	3485.909	3514.053	3480 to 3520	Pass
			0	NV	3485.899	3514.080	3480 to 3520	Pass
			10	NV	3485.911	3514.095	3480 to 3520	Pass
			20	NV	3485.882	3514.101	3480 to 3520	Pass
			30	NV	3485.909	3514.061	3480 to 3520	Pass
			40	NV	3485.858	3514.104	3480 to 3520	Pass
			50	NV	3485.878	3514.095	3480 to 3520	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3485.861	3514.094	3480 to 3520	Pass
				HV	3485.855	3514.091	3480 to 3520	Pass
			-30	NV	3485.829	3514.113	3480 to 3520	Pass
			-20	NV	3485.876	3514.124	3480 to 3520	Pass
			-10	NV	3485.895	3514.091	3480 to 3520	Pass
			0	NV	3485.884	3514.065	3480 to 3520	Pass
			10	NV	3485.873	3514.110	3480 to 3520	Pass
			20	NV	3485.887	3514.112	3480 to 3520	Pass
			30	NV	3485.911	3514.099	3480 to 3520	Pass
			40	NV	3485.856	3514.100	3480 to 3520	Pass
			50	NV	3485.909	3514.080	3480 to 3520	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3485.892	3514.051	3480 to 3520	Pass
				HV	3485.924	3514.093	3480 to 3520	Pass
			-30	NV	3485.897	3514.062	3480 to 3520	Pass
			-20	NV	3485.827	3514.101	3480 to 3520	Pass
			-10	NV	3485.866	3514.111	3480 to 3520	Pass
			0	NV	3485.844	3514.093	3480 to 3520	Pass
			10	NV	3485.884	3514.097	3480 to 3520	Pass
			20	NV	3485.832	3514.113	3480 to 3520	Pass
			30	NV	3485.898	3514.100	3480 to 3520	Pass
			40	NV	3485.856	3514.095	3480 to 3520	Pass
			50	NV	3485.884	3514.102	3480 to 3520	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3485.910	3514.135	3480 to 3520	Pass

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				HV	3485.901	3514.122	3480 to 3520	Pass
			-30	NV	3485.922	3514.129	3480 to 3520	Pass
			-20	NV	3485.915	3514.115	3480 to 3520	Pass
			-10	NV	3485.938	3514.113	3480 to 3520	Pass
			0	NV	3485.929	3514.114	3480 to 3520	Pass
			10	NV	3485.901	3514.118	3480 to 3520	Pass
			20	NV	3485.897	3514.110	3480 to 3520	Pass
			30	NV	3485.910	3514.100	3480 to 3520	Pass
			40	NV	3485.905	3514.130	3480 to 3520	Pass
			50	NV	3485.891	3514.148	3480 to 3520	Pass

6.1.4 30_S_40M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3480.476	3517.284	3480 to 3520	Pass
				HV	3480.514	3517.248	3480 to 3520	Pass
			-30	NV	3480.558	3517.259	3480 to 3520	Pass
			-20	NV	3480.511	3517.266	3480 to 3520	Pass
			-10	NV	3480.520	3517.222	3480 to 3520	Pass
			0	NV	3480.565	3517.271	3480 to 3520	Pass
			10	NV	3480.557	3517.286	3480 to 3520	Pass
			20	NV	3480.498	3517.219	3480 to 3520	Pass
			30	NV	3480.521	3517.292	3480 to 3520	Pass
			40	NV	3480.494	3517.280	3480 to 3520	Pass
			50	NV	3480.536	3517.277	3480 to 3520	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3480.610	3517.285	3480 to 3520	Pass
				HV	3480.529	3517.212	3480 to 3520	Pass
			-30	NV	3480.510	3517.264	3480 to 3520	Pass
			-20	NV	3480.545	3517.184	3480 to 3520	Pass
			-10	NV	3480.493	3517.277	3480 to 3520	Pass
			0	NV	3480.599	3517.269	3480 to 3520	Pass
			10	NV	3480.607	3517.227	3480 to 3520	Pass
			20	NV	3480.521	3517.282	3480 to 3520	Pass
			30	NV	3480.487	3517.265	3480 to 3520	Pass
			40	NV	3480.545	3517.314	3480 to 3520	Pass
			50	NV	3480.513	3517.290	3480 to 3520	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3480.493	3517.291	3480 to 3520	Pass
				HV	3480.485	3517.280	3480 to 3520	Pass
			-30	NV	3480.464	3517.263	3480 to 3520	Pass
			-20	NV	3480.483	3517.273	3480 to 3520	Pass
			-10	NV	3480.475	3517.344	3480 to 3520	Pass
			0	NV	3480.566	3517.278	3480 to 3520	Pass
			10	NV	3480.446	3517.288	3480 to 3520	Pass
			20	NV	3480.551	3517.290	3480 to 3520	Pass
			30	NV	3480.488	3517.356	3480 to 3520	Pass
			40	NV	3480.545	3517.378	3480 to 3520	Pass
			50	NV	3480.526	3517.165	3480 to 3520	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3480.510	3517.271	3480 to 3520	Pass
				HV	3480.502	3517.240	3480 to 3520	Pass
			-30	NV	3480.460	3517.226	3480 to 3520	Pass
			-20	NV	3480.483	3517.263	3480 to 3520	Pass
			-10	NV	3480.498	3517.289	3480 to 3520	Pass
			0	NV	3480.537	3517.261	3480 to 3520	Pass
			10	NV	3480.472	3517.303	3480 to 3520	Pass
			20	NV	3480.560	3517.209	3480 to 3520	Pass
			30	NV	3480.445	3517.250	3480 to 3520	Pass
			40	NV	3480.518	3517.275	3480 to 3520	Pass
			50	NV	3480.503	3517.280	3480 to 3520	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3480.575	3517.297	3480 to 3520	Pass
				HV	3480.592	3517.296	3480 to 3520	Pass

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			-30	NV	3480.645	3517.318	3480 to 3520	Pass
			-20	NV	3480.575	3517.353	3480 to 3520	Pass
			-10	NV	3480.635	3517.361	3480 to 3520	Pass
			0	NV	3480.583	3517.376	3480 to 3520	Pass
			10	NV	3480.641	3517.321	3480 to 3520	Pass
			20	NV	3480.655	3517.291	3480 to 3520	Pass
			30	NV	3480.644	3517.316	3480 to 3520	Pass
			40	NV	3480.615	3517.312	3480 to 3520	Pass
			50	NV	3480.661	3517.303	3480 to 3520	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3480.558	3519.368	3480 to 3520	Pass
				HV	3480.590	3519.278	3480 to 3520	Pass
			-30	NV	3480.614	3519.313	3480 to 3520	Pass
			-20	NV	3480.626	3519.350	3480 to 3520	Pass
			-10	NV	3480.596	3519.323	3480 to 3520	Pass
			0	NV	3480.617	3519.375	3480 to 3520	Pass
			10	NV	3480.591	3519.426	3480 to 3520	Pass
			20	NV	3480.559	3519.396	3480 to 3520	Pass
			30	NV	3480.602	3519.331	3480 to 3520	Pass
			40	NV	3480.626	3519.307	3480 to 3520	Pass
			50	NV	3480.638	3519.324	3480 to 3520	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3480.615	3519.425	3480 to 3520	Pass
				HV	3480.600	3519.347	3480 to 3520	Pass
			-30	NV	3480.576	3519.323	3480 to 3520	Pass
			-20	NV	3480.586	3519.339	3480 to 3520	Pass
			-10	NV	3480.632	3519.422	3480 to 3520	Pass
			0	NV	3480.550	3519.367	3480 to 3520	Pass
			10	NV	3480.579	3519.387	3480 to 3520	Pass
			20	NV	3480.581	3519.318	3480 to 3520	Pass
			30	NV	3480.590	3519.395	3480 to 3520	Pass
			40	NV	3480.624	3519.377	3480 to 3520	Pass
			50	NV	3480.540	3519.385	3480 to 3520	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3480.637	3519.533	3480 to 3520	Pass
				HV	3480.651	3519.391	3480 to 3520	Pass
			-30	NV	3480.611	3519.588	3480 to 3520	Pass
			-20	NV	3480.639	3519.505	3480 to 3520	Pass
			-10	NV	3480.621	3519.617	3480 to 3520	Pass
			0	NV	3480.631	3519.532	3480 to 3520	Pass
			10	NV	3480.631	3519.480	3480 to 3520	Pass
			20	NV	3480.631	3519.417	3480 to 3520	Pass
			30	NV	3480.638	3519.592	3480 to 3520	Pass
			40	NV	3480.633	3519.593	3480 to 3520	Pass
			50	NV	3480.650	3519.602	3480 to 3520	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3480.540	3519.370	3480 to 3520	Pass
				HV	3480.554	3519.343	3480 to 3520	Pass
			-30	NV	3480.528	3519.362	3480 to 3520	Pass
			-20	NV	3480.555	3519.330	3480 to 3520	Pass
			-10	NV	3480.535	3519.337	3480 to 3520	Pass
			0	NV	3480.547	3519.367	3480 to 3520	Pass
			10	NV	3480.560	3519.372	3480 to 3520	Pass
			20	NV	3480.633	3519.331	3480 to 3520	Pass
			30	NV	3480.543	3519.331	3480 to 3520	Pass
			40	NV	3480.626	3519.384	3480 to 3520	Pass
			50	NV	3480.532	3519.350	3480 to 3520	Pass

6.1.5 30_S_50M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3475.795	3522.235	3470 to 3530	Pass
				HV	3475.832	3522.329	3470 to 3530	Pass
			-30	NV	3475.876	3522.344	3470 to 3530	Pass

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			-20	NV	3475.835	3522.216	3470 to 3530	Pass
			-10	NV	3475.815	3522.356	3470 to 3530	Pass
			0	NV	3475.910	3522.387	3470 to 3530	Pass
			10	NV	3475.894	3522.365	3470 to 3530	Pass
			20	NV	3475.765	3522.267	3470 to 3530	Pass
			30	NV	3475.785	3522.318	3470 to 3530	Pass
			40	NV	3475.835	3522.366	3470 to 3530	Pass
			50	NV	3475.797	3522.299	3470 to 3530	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3475.844	3522.353	3470 to 3530	Pass
				HV	3475.880	3522.333	3470 to 3530	Pass
			-30	NV	3475.865	3522.374	3470 to 3530	Pass
			-20	NV	3475.806	3522.328	3470 to 3530	Pass
			-10	NV	3475.779	3522.271	3470 to 3530	Pass
			0	NV	3475.777	3522.271	3470 to 3530	Pass
			10	NV	3475.764	3522.325	3470 to 3530	Pass
			20	NV	3475.859	3522.429	3470 to 3530	Pass
			30	NV	3475.790	3522.401	3470 to 3530	Pass
			40	NV	3475.806	3522.508	3470 to 3530	Pass
			50	NV	3475.714	3522.395	3470 to 3530	Pass
			20	LV	3475.921	3522.223	3470 to 3530	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full		HV	3475.871	3522.255	3470 to 3530	Pass
			-30	NV	3475.957	3522.241	3470 to 3530	Pass
			-20	NV	3475.899	3522.302	3470 to 3530	Pass
			-10	NV	3475.928	3522.245	3470 to 3530	Pass
			0	NV	3475.937	3522.235	3470 to 3530	Pass
			10	NV	3475.856	3522.278	3470 to 3530	Pass
			20	NV	3475.947	3522.227	3470 to 3530	Pass
			30	NV	3475.956	3522.218	3470 to 3530	Pass
			40	NV	3475.909	3522.207	3470 to 3530	Pass
			50	NV	3475.913	3522.239	3470 to 3530	Pass
			20	LV	3475.928	3522.280	3470 to 3530	Pass
				HV	3475.884	3522.345	3470 to 3530	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	-30	NV	3475.691	3522.333	3470 to 3530	Pass
			-20	NV	3475.753	3522.327	3470 to 3530	Pass
			-10	NV	3475.857	3522.312	3470 to 3530	Pass
			0	NV	3475.957	3522.335	3470 to 3530	Pass
			10	NV	3475.840	3522.286	3470 to 3530	Pass
			20	NV	3475.814	3522.307	3470 to 3530	Pass
			30	NV	3475.860	3522.297	3470 to 3530	Pass
			40	NV	3475.872	3522.345	3470 to 3530	Pass
			50	NV	3475.821	3522.357	3470 to 3530	Pass
			20	LV	3475.881	3522.260	3470 to 3530	Pass
				HV	3475.871	3522.305	3470 to 3530	Pass
			-30	NV	3475.844	3522.379	3470 to 3530	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	-20	NV	3475.907	3522.254	3470 to 3530	Pass
			-10	NV	3475.821	3522.374	3470 to 3530	Pass
			0	NV	3475.794	3522.269	3470 to 3530	Pass
			10	NV	3475.867	3522.368	3470 to 3530	Pass
			20	NV	3475.787	3522.294	3470 to 3530	Pass
			30	NV	3475.867	3522.323	3470 to 3530	Pass
			40	NV	3475.834	3522.329	3470 to 3530	Pass
			50	NV	3475.961	3522.408	3470 to 3530	Pass
			20	LV	3475.916	3524.085	3470 to 3530	Pass
				HV	3475.875	3524.075	3470 to 3530	Pass
			-30	NV	3475.910	3524.113	3470 to 3530	Pass
			-20	NV	3475.929	3524.072	3470 to 3530	Pass
CP-OFDM QPSK	3500.01	Outer_Full	-10	NV	3475.896	3524.082	3470 to 3530	Pass
			0	NV	3475.884	3524.045	3470 to 3530	Pass
			10	NV	3475.919	3524.030	3470 to 3530	Pass
			20	NV	3475.886	3523.998	3470 to 3530	Pass
			30	NV	3475.858	3524.013	3470 to 3530	Pass
			40	NV	3475.922	3524.099	3470 to 3530	Pass

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			50	NV	3475.922	3524.056	3470 to 3530	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3475.815	3524.103	3470 to 3530	Pass
				HV	3475.866	3524.100	3470 to 3530	Pass
			-30	NV	3475.821	3524.121	3470 to 3530	Pass
			-20	NV	3475.906	3524.117	3470 to 3530	Pass
			-10	NV	3475.848	3524.082	3470 to 3530	Pass
			0	NV	3475.801	3524.085	3470 to 3530	Pass
			10	NV	3475.804	3524.086	3470 to 3530	Pass
			20	NV	3475.831	3524.110	3470 to 3530	Pass
			30	NV	3475.838	3524.075	3470 to 3530	Pass
			40	NV	3475.877	3524.159	3470 to 3530	Pass
			50	NV	3475.894	3524.145	3470 to 3530	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3475.842	3524.069	3470 to 3530	Pass
				HV	3475.840	3524.003	3470 to 3530	Pass
			-30	NV	3475.850	3524.031	3470 to 3530	Pass
			-20	NV	3475.860	3524.082	3470 to 3530	Pass
			-10	NV	3475.838	3524.037	3470 to 3530	Pass
			0	NV	3475.826	3524.001	3470 to 3530	Pass
			10	NV	3475.837	3524.063	3470 to 3530	Pass
			20	NV	3475.796	3524.091	3470 to 3530	Pass
			30	NV	3475.747	3524.004	3470 to 3530	Pass
			40	NV	3475.876	3524.014	3470 to 3530	Pass
			50	NV	3475.792	3523.969	3470 to 3530	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3475.873	3524.203	3470 to 3530	Pass
				HV	3475.827	3524.114	3470 to 3530	Pass
			-30	NV	3475.872	3524.204	3470 to 3530	Pass
			-20	NV	3475.843	3524.228	3470 to 3530	Pass
			-10	NV	3475.861	3524.122	3470 to 3530	Pass
			0	NV	3475.875	3524.160	3470 to 3530	Pass
			10	NV	3475.863	3524.168	3470 to 3530	Pass
			20	NV	3475.894	3524.222	3470 to 3530	Pass
			30	NV	3475.826	3524.241	3470 to 3530	Pass
			40	NV	3475.850	3524.233	3470 to 3530	Pass
			50	NV	3475.912	3524.245	3470 to 3530	Pass

6.1.6 30_S_60M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3470.795	3529.288	3470 to 3530	Pass
				HV	3470.875	3529.138	3470 to 3530	Pass
			-30	NV	3470.772	3529.351	3470 to 3530	Pass
			-20	NV	3470.828	3529.257	3470 to 3530	Pass
			-10	NV	3470.797	3529.255	3470 to 3530	Pass
			0	NV	3470.843	3529.290	3470 to 3530	Pass
			10	NV	3470.777	3529.309	3470 to 3530	Pass
			20	NV	3470.780	3529.208	3470 to 3530	Pass
			30	NV	3470.766	3529.365	3470 to 3530	Pass
			40	NV	3470.795	3529.280	3470 to 3530	Pass
			50	NV	3470.841	3529.210	3470 to 3530	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3470.584	3529.206	3470 to 3530	Pass
				HV	3470.583	3529.164	3470 to 3530	Pass
			-30	NV	3470.639	3529.290	3470 to 3530	Pass
			-20	NV	3470.674	3529.252	3470 to 3530	Pass
			-10	NV	3470.737	3529.256	3470 to 3530	Pass
			0	NV	3470.694	3529.264	3470 to 3530	Pass
			10	NV	3470.700	3529.237	3470 to 3530	Pass
			20	NV	3470.660	3529.238	3470 to 3530	Pass
			30	NV	3470.627	3529.228	3470 to 3530	Pass
			40	NV	3470.797	3529.218	3470 to 3530	Pass
			50	NV	3470.693	3529.260	3470 to 3530	Pass

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DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3470.809	3529.249	3470 to 3530	Pass
				HV	3470.923	3529.113	3470 to 3530	Pass
			-30	NV	3470.896	3529.191	3470 to 3530	Pass
			-20	NV	3470.948	3529.133	3470 to 3530	Pass
			-10	NV	3470.896	3529.190	3470 to 3530	Pass
			0	NV	3470.940	3529.218	3470 to 3530	Pass
			10	NV	3470.838	3529.230	3470 to 3530	Pass
			20	NV	3470.866	3529.283	3470 to 3530	Pass
			30	NV	3470.873	3529.192	3470 to 3530	Pass
			40	NV	3470.902	3529.327	3470 to 3530	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3470.756	3529.342	3470 to 3530	Pass
				HV	3470.864	3529.248	3470 to 3530	Pass
			-30	NV	3470.774	3529.232	3470 to 3530	Pass
			-20	NV	3470.875	3529.263	3470 to 3530	Pass
			-10	NV	3470.864	3529.244	3470 to 3530	Pass
			0	NV	3470.723	3529.258	3470 to 3530	Pass
			10	NV	3470.883	3529.248	3470 to 3530	Pass
			20	NV	3470.829	3529.335	3470 to 3530	Pass
			30	NV	3470.774	3529.323	3470 to 3530	Pass
			40	NV	3470.852	3529.233	3470 to 3530	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3470.894	3528.998	3470 to 3530	Pass
				HV	3470.825	3529.142	3470 to 3530	Pass
			-30	NV	3470.857	3529.109	3470 to 3530	Pass
			-20	NV	3470.852	3529.135	3470 to 3530	Pass
			-10	NV	3470.844	3529.186	3470 to 3530	Pass
			0	NV	3470.810	3529.095	3470 to 3530	Pass
			10	NV	3470.825	3529.129	3470 to 3530	Pass
			20	NV	3470.876	3529.079	3470 to 3530	Pass
			30	NV	3470.850	3529.123	3470 to 3530	Pass
			40	NV	3470.872	3529.151	3470 to 3530	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3470.712	3529.229	3470 to 3530	Pass
				HV	3470.704	3529.197	3470 to 3530	Pass
			-30	NV	3470.716	3529.291	3470 to 3530	Pass
			-20	NV	3470.706	3529.261	3470 to 3530	Pass
			-10	NV	3470.798	3529.208	3470 to 3530	Pass
			0	NV	3470.719	3529.221	3470 to 3530	Pass
			10	NV	3470.789	3529.244	3470 to 3530	Pass
			20	NV	3470.763	3529.220	3470 to 3530	Pass
			30	NV	3470.789	3529.248	3470 to 3530	Pass
			40	NV	3470.693	3529.273	3470 to 3530	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3470.849	3529.247	3470 to 3530	Pass
				HV	3470.848	3529.232	3470 to 3530	Pass
			-30	NV	3470.841	3529.280	3470 to 3530	Pass
			-20	NV	3470.828	3529.295	3470 to 3530	Pass
			-10	NV	3470.864	3529.269	3470 to 3530	Pass
			0	NV	3470.866	3529.243	3470 to 3530	Pass
			10	NV	3470.806	3529.312	3470 to 3530	Pass
			20	NV	3470.869	3529.294	3470 to 3530	Pass
			30	NV	3470.844	3529.255	3470 to 3530	Pass
			40	NV	3470.823	3529.219	3470 to 3530	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3470.794	3529.252	3470 to 3530	Pass
				HV	3470.783	3529.219	3470 to 3530	Pass
			-30	NV	3470.781	3529.249	3470 to 3530	Pass
			-20	NV	3470.758	3529.223	3470 to 3530	Pass
			-10	NV	3470.828	3529.238	3470 to 3530	Pass
			0	NV	3470.838	3529.258	3470 to 3530	Pass
			10	NV	3470.795	3529.234	3470 to 3530	Pass

CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	3470.790	3529.113	3470 to 3530	Pass
			30	NV	3470.761	3529.236	3470 to 3530	Pass
			40	NV	3470.750	3529.231	3470 to 3530	Pass
			50	NV	3470.773	3529.348	3470 to 3530	Pass
			20	LV	3470.659	3529.221	3470 to 3530	Pass
				HV	3470.707	3529.204	3470 to 3530	Pass
			-30	NV	3470.632	3529.149	3470 to 3530	Pass
			-20	NV	3470.663	3529.218	3470 to 3530	Pass
			-10	NV	3470.736	3529.182	3470 to 3530	Pass
			0	NV	3470.702	3529.207	3470 to 3530	Pass
			10	NV	3470.711	3529.219	3470 to 3530	Pass
			20	NV	3470.576	3529.248	3470 to 3530	Pass
			30	NV	3470.617	3529.136	3470 to 3530	Pass
			40	NV	3470.618	3529.136	3470 to 3530	Pass
			50	NV	3470.724	3529.143	3470 to 3530	Pass

6.1.7 30_S_70M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3465.469	3531.084	3460 to 3540	Pass
				HV	3465.497	3531.075	3460 to 3540	Pass
			-30	NV	3465.527	3531.002	3460 to 3540	Pass
			-20	NV	3465.435	3531.172	3460 to 3540	Pass
			-10	NV	3465.571	3530.966	3460 to 3540	Pass
			0	NV	3465.472	3531.140	3460 to 3540	Pass
			10	NV	3465.532	3531.139	3460 to 3540	Pass
			20	NV	3465.525	3531.142	3460 to 3540	Pass
			30	NV	3465.502	3531.151	3460 to 3540	Pass
			40	NV	3465.477	3531.184	3460 to 3540	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3465.432	3531.125	3460 to 3540	Pass
				HV	3465.463	3531.166	3460 to 3540	Pass
			-30	NV	3465.426	3531.178	3460 to 3540	Pass
			-20	NV	3465.526	3531.083	3460 to 3540	Pass
			-10	NV	3465.499	3531.301	3460 to 3540	Pass
			0	NV	3465.415	3531.186	3460 to 3540	Pass
			10	NV	3465.489	3531.173	3460 to 3540	Pass
			20	NV	3465.384	3531.191	3460 to 3540	Pass
			30	NV	3465.489	3531.268	3460 to 3540	Pass
			40	NV	3465.420	3531.283	3460 to 3540	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3465.404	3531.036	3460 to 3540	Pass
				HV	3465.490	3531.087	3460 to 3540	Pass
			-30	NV	3465.422	3531.053	3460 to 3540	Pass
			-20	NV	3465.458	3531.082	3460 to 3540	Pass
			-10	NV	3465.440	3530.988	3460 to 3540	Pass
			0	NV	3465.391	3530.990	3460 to 3540	Pass
			10	NV	3465.385	3531.074	3460 to 3540	Pass
			20	NV	3465.370	3530.978	3460 to 3540	Pass
			30	NV	3465.442	3531.000	3460 to 3540	Pass
			40	NV	3465.441	3531.096	3460 to 3540	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3465.656	3531.141	3460 to 3540	Pass
				HV	3465.607	3531.135	3460 to 3540	Pass
			-30	NV	3465.535	3531.162	3460 to 3540	Pass
			-20	NV	3465.626	3531.194	3460 to 3540	Pass
			-10	NV	3465.620	3531.263	3460 to 3540	Pass
			0	NV	3465.575	3531.148	3460 to 3540	Pass
			10	NV	3465.592	3531.276	3460 to 3540	Pass
			20	NV	3465.597	3531.154	3460 to 3540	Pass

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			30	NV	3465.595	3531.131	3460 to 3540	Pass
			40	NV	3465.595	3531.144	3460 to 3540	Pass
			50	NV	3465.565	3531.138	3460 to 3540	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3465.519	3531.125	3460 to 3540	Pass
				HV	3465.459	3531.256	3460 to 3540	Pass
			-30	NV	3465.559	3531.144	3460 to 3540	Pass
			-20	NV	3465.539	3531.106	3460 to 3540	Pass
			-10	NV	3465.536	3531.173	3460 to 3540	Pass
			0	NV	3465.529	3531.204	3460 to 3540	Pass
			10	NV	3465.525	3531.249	3460 to 3540	Pass
			20	NV	3465.549	3531.165	3460 to 3540	Pass
			30	NV	3465.556	3531.098	3460 to 3540	Pass
			40	NV	3465.492	3531.164	3460 to 3540	Pass
			50	NV	3465.579	3531.076	3460 to 3540	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3465.500	3534.286	3460 to 3540	Pass
				HV	3465.480	3534.321	3460 to 3540	Pass
			-30	NV	3465.477	3534.374	3460 to 3540	Pass
			-20	NV	3465.494	3534.308	3460 to 3540	Pass
			-10	NV	3465.500	3534.308	3460 to 3540	Pass
			0	NV	3465.464	3534.261	3460 to 3540	Pass
			10	NV	3465.526	3534.354	3460 to 3540	Pass
			20	NV	3465.511	3534.286	3460 to 3540	Pass
			30	NV	3465.571	3534.254	3460 to 3540	Pass
			40	NV	3465.620	3534.316	3460 to 3540	Pass
			50	NV	3465.439	3534.285	3460 to 3540	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3465.592	3534.410	3460 to 3540	Pass
				HV	3465.473	3534.578	3460 to 3540	Pass
			-30	NV	3465.662	3534.446	3460 to 3540	Pass
			-20	NV	3465.597	3534.438	3460 to 3540	Pass
			-10	NV	3465.526	3534.331	3460 to 3540	Pass
			0	NV	3465.508	3534.399	3460 to 3540	Pass
			10	NV	3465.548	3534.406	3460 to 3540	Pass
			20	NV	3465.594	3534.536	3460 to 3540	Pass
			30	NV	3465.629	3534.367	3460 to 3540	Pass
			40	NV	3465.639	3534.407	3460 to 3540	Pass
			50	NV	3465.540	3534.311	3460 to 3540	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3465.589	3534.451	3460 to 3540	Pass
				HV	3465.710	3534.306	3460 to 3540	Pass
			-30	NV	3465.622	3534.413	3460 to 3540	Pass
			-20	NV	3465.667	3534.324	3460 to 3540	Pass
			-10	NV	3465.662	3534.497	3460 to 3540	Pass
			0	NV	3465.674	3534.350	3460 to 3540	Pass
			10	NV	3465.624	3534.407	3460 to 3540	Pass
			20	NV	3465.655	3534.233	3460 to 3540	Pass
			30	NV	3465.724	3534.288	3460 to 3540	Pass
			40	NV	3465.678	3534.281	3460 to 3540	Pass
			50	NV	3465.581	3534.254	3460 to 3540	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3465.629	3534.264	3460 to 3540	Pass
				HV	3465.554	3534.268	3460 to 3540	Pass
			-30	NV	3465.630	3534.204	3460 to 3540	Pass
			-20	NV	3465.659	3534.297	3460 to 3540	Pass
			-10	NV	3465.642	3534.333	3460 to 3540	Pass
			0	NV	3465.671	3534.183	3460 to 3540	Pass
			10	NV	3465.662	3534.299	3460 to 3540	Pass
			20	NV	3465.678	3534.251	3460 to 3540	Pass
			30	NV	3465.610	3534.269	3460 to 3540	Pass
			40	NV	3465.602	3534.294	3460 to 3540	Pass
			50	NV	3465.656	3534.186	3460 to 3540	Pass

6.1.8 30_S_80M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3460.726	3538.886	3460 to 3540	Pass
				HV	3460.635	3538.959	3460 to 3540	Pass
			-30	NV	3460.613	3538.512	3460 to 3540	Pass
			-20	NV	3460.436	3538.605	3460 to 3540	Pass
			-10	NV	3460.587	3538.893	3460 to 3540	Pass
			0	NV	3460.658	3538.673	3460 to 3540	Pass
			10	NV	3460.517	3538.797	3460 to 3540	Pass
			20	NV	3460.644	3538.622	3460 to 3540	Pass
			30	NV	3460.864	3538.814	3460 to 3540	Pass
			40	NV	3460.557	3538.960	3460 to 3540	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3460.816	3538.966	3450 to 3600	Pass
				HV	3460.544	3538.626	3450 to 3600	Pass
			-30	NV	3460.707	3539.039	3450 to 3600	Pass
			-20	NV	3460.191	3519.515	3450 to 3600	Pass
			-10	NV	3459.841	3495.677	3450 to 3600	Pass
			0	NV	3460.723	3538.746	3450 to 3600	Pass
			10	NV	3460.693	3538.725	3450 to 3600	Pass
			20	NV	3461.141	3538.807	3450 to 3600	Pass
			30	NV	3460.491	3538.543	3450 to 3600	Pass
			40	NV	3460.628	3538.732	3450 to 3600	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3460.968	3538.789	3460 to 3540	Pass
				HV	3460.885	3538.732	3460 to 3540	Pass
			-30	NV	3460.605	3538.955	3460 to 3540	Pass
			-20	NV	3460.847	3538.962	3460 to 3540	Pass
			-10	NV	3460.967	3539.069	3460 to 3540	Pass
			0	NV	3460.775	3538.931	3460 to 3540	Pass
			10	NV	3461.231	3538.824	3460 to 3540	Pass
			20	NV	3460.897	3538.634	3460 to 3540	Pass
			30	NV	3460.764	3538.843	3460 to 3540	Pass
			40	NV	3460.843	3538.395	3460 to 3540	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3460.626	3538.731	3460 to 3540	Pass
				HV	3460.804	3538.830	3460 to 3540	Pass
			-30	NV	3460.876	3539.065	3460 to 3540	Pass
			-20	NV	3460.747	3538.716	3460 to 3540	Pass
			-10	NV	3460.571	3538.929	3460 to 3540	Pass
			0	NV	3460.629	3538.730	3460 to 3540	Pass
			10	NV	3460.515	3538.744	3460 to 3540	Pass
			20	NV	3460.767	3538.743	3460 to 3540	Pass
			30	NV	3460.695	3538.951	3460 to 3540	Pass
			40	NV	3460.707	3538.953	3460 to 3540	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3460.646	3538.648	3460 to 3540	Pass
				HV	3461.076	3538.288	3460 to 3540	Pass
			-30	NV	3460.869	3538.707	3460 to 3540	Pass
			-20	NV	3460.623	3538.917	3460 to 3540	Pass
			-10	NV	3460.936	3538.672	3460 to 3540	Pass
			0	NV	3460.978	3538.712	3460 to 3540	Pass
			10	NV	3460.956	3538.748	3460 to 3540	Pass
			20	NV	3460.682	3538.962	3460 to 3540	Pass
			30	NV	3460.812	3538.808	3460 to 3540	Pass
			40	NV	3460.778	3538.898	3460 to 3540	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3460.500	3539.232	3460 to 3540	Pass
				HV	3460.423	3539.353	3460 to 3540	Pass
			-30	NV	3460.631	3539.356	3460 to 3540	Pass
			-20	NV	3460.742	3539.388	3460 to 3540	Pass
			-10	NV	3460.716	3539.204	3460 to 3540	Pass



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			0	NV	3461.026	3539.397	3460 to 3540	Pass
			10	NV	3460.496	3539.142	3460 to 3540	Pass
			20	NV	3460.615	3539.151	3460 to 3540	Pass
			30	NV	3460.689	3539.332	3460 to 3540	Pass
			40	NV	3460.917	3539.350	3460 to 3540	Pass
			50	NV	3460.662	3539.701	3460 to 3540	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3460.833	3539.077	3460 to 3540	Pass
				HV	3460.647	3539.086	3460 to 3540	Pass
			-30	NV	3460.756	3539.145	3460 to 3540	Pass
			-20	NV	3460.609	3539.137	3460 to 3540	Pass
			-10	NV	3460.746	3539.276	3460 to 3540	Pass
			0	NV	3460.745	3539.330	3460 to 3540	Pass
			10	NV	3460.928	3539.405	3460 to 3540	Pass
			20	NV	3460.488	3538.976	3460 to 3540	Pass
			30	NV	3460.917	3539.136	3460 to 3540	Pass
			40	NV	3461.316	3539.467	3460 to 3540	Pass
			50	NV	3461.159	3539.211	3460 to 3540	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3460.720	3539.059	3460 to 3540	Pass
				HV	3461.065	3539.012	3460 to 3540	Pass
			-30	NV	3460.953	3539.150	3460 to 3540	Pass
			-20	NV	3460.787	3539.190	3460 to 3540	Pass
			-10	NV	3460.732	3539.058	3460 to 3540	Pass
			0	NV	3460.631	3539.153	3460 to 3540	Pass
			10	NV	3460.906	3539.200	3460 to 3540	Pass
			20	NV	3460.686	3539.352	3460 to 3540	Pass
			30	NV	3460.780	3539.387	3460 to 3540	Pass
			40	NV	3460.708	3539.192	3460 to 3540	Pass
			50	NV	3460.784	3539.140	3460 to 3540	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3460.884	3539.222	3460 to 3540	Pass
				HV	3460.760	3539.382	3460 to 3540	Pass
			-30	NV	3460.861	3539.215	3460 to 3540	Pass
			-20	NV	3460.666	3539.056	3460 to 3540	Pass
			-10	NV	3460.730	3539.042	3460 to 3540	Pass
			0	NV	3460.914	3539.043	3460 to 3540	Pass
			10	NV	3460.814	3539.356	3460 to 3540	Pass
			20	NV	3507.251	3539.866	3460 to 3540	Pass
			30	NV	3460.836	3538.859	3460 to 3540	Pass
			40	NV	3460.804	3539.183	3460 to 3540	Pass
			50	NV	3460.696	3539.174	3460 to 3540	Pass

6.1.9 30_S_90M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3455.911	3543.162	3450 to 3550	Pass
				HV	3456.170	3543.688	3450 to 3550	Pass
			-30	NV	3455.633	3543.326	3450 to 3550	Pass
			-20	NV	3455.811	3543.437	3450 to 3550	Pass
			-10	NV	3455.649	3543.451	3450 to 3550	Pass
			0	NV	3455.844	3543.504	3450 to 3550	Pass
			10	NV	3455.922	3543.360	3450 to 3550	Pass
			20	NV	3455.833	3543.357	3450 to 3550	Pass
			30	NV	3455.687	3543.349	3450 to 3550	Pass
			40	NV	3455.946	3543.336	3450 to 3550	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	50	NV	3456.031	3543.495	3450 to 3550	Pass
			20	LV	3455.887	3543.213	3450 to 3550	Pass
				HV	3455.730	3543.199	3450 to 3550	Pass
			-30	NV	3455.711	3542.971	3450 to 3550	Pass
			-20	NV	3455.836	3543.326	3450 to 3550	Pass
			-10	NV	3455.815	3543.014	3450 to 3550	Pass
			0	NV	3455.909	3543.216	3450 to 3550	Pass

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			10	NV	3455.894	3543.486	3450 to 3550	Pass
			20	NV	3455.975	3543.591	3450 to 3550	Pass
			30	NV	3455.809	3543.437	3450 to 3550	Pass
			40	NV	3464.497	3543.366	3450 to 3550	Pass
			50	NV	3455.630	3543.520	3450 to 3550	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3455.758	3543.505	3450 to 3550	Pass
				HV	3455.726	3543.320	3450 to 3550	Pass
			-30	NV	3455.630	3543.177	3450 to 3550	Pass
			-20	NV	3455.990	3543.239	3450 to 3550	Pass
			-10	NV	3455.295	3522.001	3450 to 3550	Pass
			0	NV	3455.844	3543.504	3450 to 3550	Pass
			10	NV	3455.829	3543.199	3450 to 3550	Pass
			20	NV	3455.853	3543.413	3450 to 3550	Pass
			30	NV	3456.069	3543.549	3450 to 3550	Pass
			40	NV	3455.856	3543.343	3450 to 3550	Pass
			50	NV	3455.782	3543.494	3450 to 3550	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3456.316	3543.443	3450 to 3550	Pass
				HV	3455.880	3543.224	3450 to 3550	Pass
			-30	NV	3455.874	3543.516	3450 to 3550	Pass
			-20	NV	3455.931	3543.404	3450 to 3550	Pass
			-10	NV	3455.959	3543.473	3450 to 3550	Pass
			0	NV	3455.704	3543.385	3450 to 3550	Pass
			10	NV	3456.024	3543.388	3450 to 3550	Pass
			20	NV	3455.799	3543.474	3450 to 3550	Pass
			30	NV	3455.969	3543.440	3450 to 3550	Pass
			40	NV	3456.115	3543.418	3450 to 3550	Pass
			50	NV	3499.031	3544.175	3450 to 3550	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3455.759	3543.725	3450 to 3550	Pass
				HV	3455.896	3543.585	3450 to 3550	Pass
			-30	NV	3455.837	3543.556	3450 to 3550	Pass
			-20	NV	3456.036	3543.457	3450 to 3550	Pass
			-10	NV	3456.088	3543.564	3450 to 3550	Pass
			0	NV	3456.028	3543.456	3450 to 3550	Pass
			10	NV	3456.061	3543.411	3450 to 3550	Pass
			20	NV	3456.052	3543.679	3450 to 3550	Pass
			30	NV	3455.671	3543.563	3450 to 3550	Pass
			40	NV	3455.834	3543.616	3450 to 3550	Pass
			50	NV	3484.992	3543.794	3450 to 3550	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3455.944	3544.380	3450 to 3550	Pass
				HV	3455.576	3503.335	3450 to 3550	Pass
			-30	NV	3455.863	3544.060	3450 to 3550	Pass
			-20	NV	3455.691	3544.028	3450 to 3550	Pass
			-10	NV	3455.617	3543.834	3450 to 3550	Pass
			0	NV	3456.029	3544.107	3450 to 3550	Pass
			10	NV	3456.056	3544.237	3450 to 3550	Pass
			20	NV	3455.984	3543.778	3450 to 3550	Pass
			30	NV	3455.998	3544.074	3450 to 3550	Pass
			40	NV	3455.839	3543.921	3450 to 3550	Pass
			50	NV	3455.754	3543.944	3450 to 3550	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3455.659	3544.354	3450 to 3550	Pass
				HV	3455.633	3544.042	3450 to 3550	Pass
			-30	NV	3455.790	3544.145	3450 to 3550	Pass
			-20	NV	3455.750	3544.244	3450 to 3550	Pass
			-10	NV	3455.468	3544.210	3450 to 3550	Pass
			0	NV	3455.870	3544.001	3450 to 3550	Pass
			10	NV	3455.818	3544.172	3450 to 3550	Pass
			20	NV	3455.417	3544.018	3450 to 3550	Pass
			30	NV	3455.668	3544.105	3450 to 3550	Pass
			40	NV	3455.945	3544.357	3450 to 3550	Pass
			50	NV	3455.914	3544.280	3450 to 3550	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3455.599	3543.923	3450 to 3550	Pass
				HV	3455.755	3544.175	3450 to 3550	Pass

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			-30	NV	3455.731	3543.836	3450 to 3550	Pass
			-20	NV	3455.919	3544.000	3450 to 3550	Pass
			-10	NV	3455.802	3544.126	3450 to 3550	Pass
			0	NV	3455.948	3543.976	3450 to 3550	Pass
			10	NV	3455.798	3544.249	3450 to 3550	Pass
			20	NV	3455.542	3524.795	3450 to 3550	Pass
			30	NV	3455.940	3544.059	3450 to 3550	Pass
			40	NV	3455.830	3544.013	3450 to 3550	Pass
			50	NV	3456.011	3544.118	3450 to 3550	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3455.789	3544.119	3450 to 3550	Pass
				HV	3456.084	3544.384	3450 to 3550	Pass
			-30	NV	3456.083	3543.671	3450 to 3550	Pass
			-20	NV	3455.601	3544.292	3450 to 3550	Pass
			-10	NV	3455.702	3543.940	3450 to 3550	Pass
			0	NV	3455.713	3544.169	3450 to 3550	Pass
			10	NV	3455.656	3543.337	3450 to 3550	Pass
			20	NV	3456.050	3544.110	3450 to 3550	Pass
			30	NV	3455.947	3544.317	3450 to 3550	Pass
			40	NV	3455.564	3543.755	3450 to 3550	Pass
			50	NV	3455.807	3544.057	3450 to 3550	Pass

6.1.10 30_S_100M

5G NR n77d 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	3500.01	Outer_Full	20	LV	3450.914	3547.799	3450 to 3550	Pass
				HV	3451.174	3547.983	3450 to 3550	Pass
			-30	NV	3450.965	3548.048	3450 to 3550	Pass
			-20	NV	3450.983	3547.501	3450 to 3550	Pass
			-10	NV	3451.050	3547.813	3450 to 3550	Pass
			0	NV	3450.751	3548.028	3450 to 3550	Pass
			10	NV	3451.078	3547.953	3450 to 3550	Pass
			20	NV	3479.712	3547.989	3450 to 3550	Pass
			30	NV	3450.781	3547.900	3450 to 3550	Pass
			40	NV	3450.807	3547.723	3450 to 3550	Pass
			50	NV	3450.967	3547.735	3450 to 3550	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	3450.863	3548.260	3450 to 3550	Pass
				HV	3450.892	3548.057	3450 to 3550	Pass
			-30	NV	3450.874	3547.677	3450 to 3550	Pass
			-20	NV	3450.844	3548.001	3450 to 3550	Pass
			-10	NV	3451.081	3547.769	3450 to 3550	Pass
			0	NV	3450.915	3548.029	3450 to 3550	Pass
			10	NV	3450.562	3547.959	3450 to 3550	Pass
			20	NV	3450.878	3547.914	3450 to 3550	Pass
			30	NV	3451.027	3547.954	3450 to 3550	Pass
			40	NV	3450.925	3547.989	3450 to 3550	Pass
			50	NV	3451.059	3547.909	3450 to 3550	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3450.897	3548.122	3450 to 3550	Pass
				HV	3451.040	3548.035	3450 to 3550	Pass
			-30	NV	3450.656	3547.848	3450 to 3550	Pass
			-20	NV	3450.888	3547.819	3450 to 3550	Pass
			-10	NV	3450.871	3547.903	3450 to 3550	Pass
			0	NV	3451.354	3547.923	3450 to 3550	Pass
			10	NV	3451.014	3547.983	3450 to 3550	Pass
			20	NV	3450.330	3548.449	3450 to 3550	Pass
			30	NV	3450.949	3547.899	3450 to 3550	Pass
			40	NV	3450.904	3547.938	3450 to 3550	Pass
			50	NV	3450.852	3548.064	3450 to 3550	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3450.955	3547.971	3450 to 3550	Pass
				HV	3450.753	3547.978	3450 to 3550	Pass
			-30	NV	3450.958	3547.535	3450 to 3550	Pass

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			-20	NV	3450.729	3548.081	3450 to 3550	Pass
			-10	NV	3450.803	3548.146	3450 to 3550	Pass
			0	NV	3450.537	3547.907	3450 to 3550	Pass
			10	NV	3450.726	3547.894	3450 to 3550	Pass
			20	NV	3450.739	3547.677	3450 to 3550	Pass
			30	NV	3451.017	3547.935	3450 to 3550	Pass
			40	NV	3451.029	3548.315	3450 to 3550	Pass
			50	NV	3450.881	3548.158	3450 to 3550	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3450.843	3548.106	3450 to 3550	Pass
				HV	3450.915	3548.166	3450 to 3550	Pass
			-30	NV	3450.672	3547.956	3450 to 3550	Pass
			-20	NV	3450.756	3547.948	3450 to 3550	Pass
			-10	NV	3451.093	3548.164	3450 to 3550	Pass
			0	NV	3450.964	3547.727	3450 to 3550	Pass
			10	NV	3450.985	3547.950	3450 to 3550	Pass
			20	NV	3450.826	3548.003	3450 to 3550	Pass
			30	NV	3450.646	3548.050	3450 to 3550	Pass
			40	NV	3462.411	3548.483	3450 to 3550	Pass
			50	NV	3450.883	3548.150	3450 to 3550	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	3450.757	3549.406	3450 to 3550	Pass
				HV	3450.985	3549.166	3450 to 3550	Pass
			-30	NV	3450.814	3548.965	3450 to 3550	Pass
			-20	NV	3450.966	3549.031	3450 to 3550	Pass
			-10	NV	3451.070	3549.129	3450 to 3550	Pass
			0	NV	3451.035	3549.168	3450 to 3550	Pass
			10	NV	3450.897	3549.218	3450 to 3550	Pass
			20	NV	3450.742	3548.824	3450 to 3550	Pass
			30	NV	3451.121	3549.194	3450 to 3550	Pass
			40	NV	3451.022	3548.979	3450 to 3550	Pass
			50	NV	3450.846	3548.961	3450 to 3550	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3450.931	3549.031	3450 to 3550	Pass
				HV	3450.867	3549.314	3450 to 3550	Pass
			-30	NV	3450.805	3549.150	3450 to 3550	Pass
			-20	NV	3450.858	3549.137	3450 to 3550	Pass
			-10	NV	3450.800	3549.261	3450 to 3550	Pass
			0	NV	3450.986	3549.321	3450 to 3550	Pass
			10	NV	3451.143	3549.073	3450 to 3550	Pass
			20	NV	3450.777	3548.954	3450 to 3550	Pass
			30	NV	3450.937	3549.300	3450 to 3550	Pass
			40	NV	3451.109	3549.155	3450 to 3550	Pass
			50	NV	3450.960	3549.244	3450 to 3550	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3451.051	3549.204	3450 to 3550	Pass
				HV	3450.726	3548.937	3450 to 3550	Pass
			-30	NV	3450.932	3549.058	3450 to 3550	Pass
			-20	NV	3450.889	3548.846	3450 to 3550	Pass
			-10	NV	3451.010	3549.146	3450 to 3550	Pass
			0	NV	3451.108	3548.967	3450 to 3550	Pass
			10	NV	3450.928	3549.289	3450 to 3550	Pass
			20	NV	3450.768	3549.010	3450 to 3550	Pass
			30	NV	3451.011	3549.000	3450 to 3550	Pass
			40	NV	3450.907	3549.233	3450 to 3550	Pass
			50	NV	3450.794	3548.939	3450 to 3550	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3451.038	3549.256	3450 to 3550	Pass
				HV	3451.065	3549.340	3450 to 3550	Pass
			-30	NV	3450.896	3549.145	3450 to 3550	Pass
			-20	NV	3450.926	3548.980	3450 to 3550	Pass
			-10	NV	3450.934	3549.184	3450 to 3550	Pass
			0	NV	3450.864	3549.188	3450 to 3550	Pass
			10	NV	3450.727	3548.509	3450 to 3550	Pass
			20	NV	3450.758	3549.148	3450 to 3550	Pass
			30	NV	3450.958	3549.180	3450 to 3550	Pass
			40	NV	3451.172	3549.204	3450 to 3550	Pass

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			50	NV	3450.467	3492.426	3450 to 3550	Pass
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