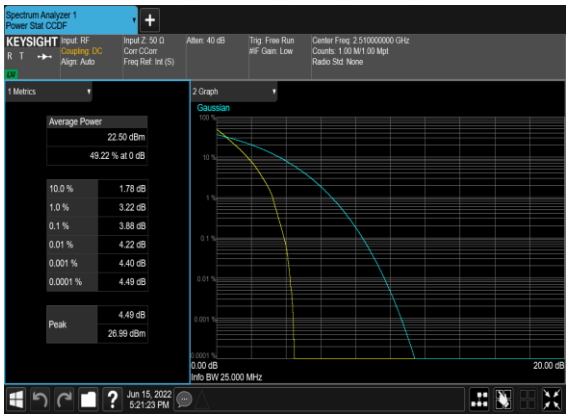
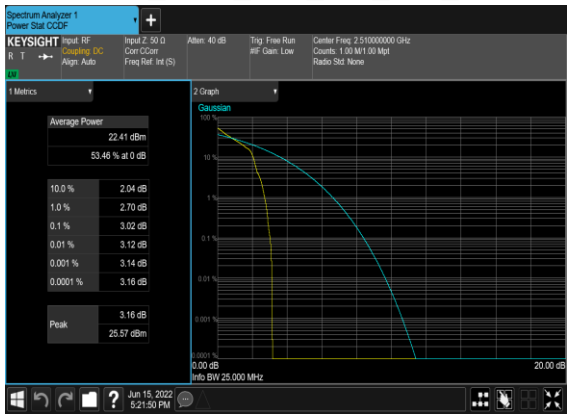
B66_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

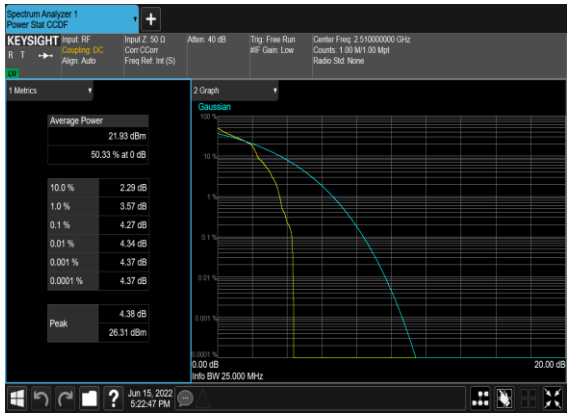


B66_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH

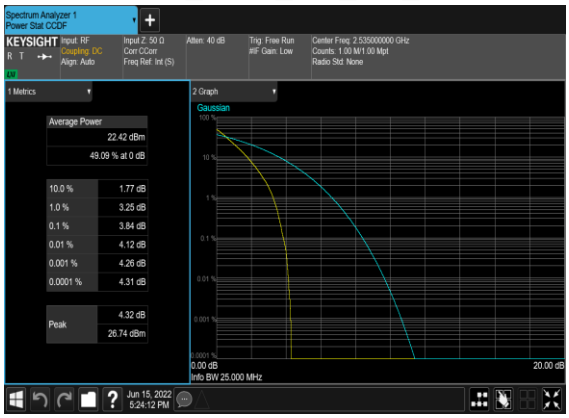


B66_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

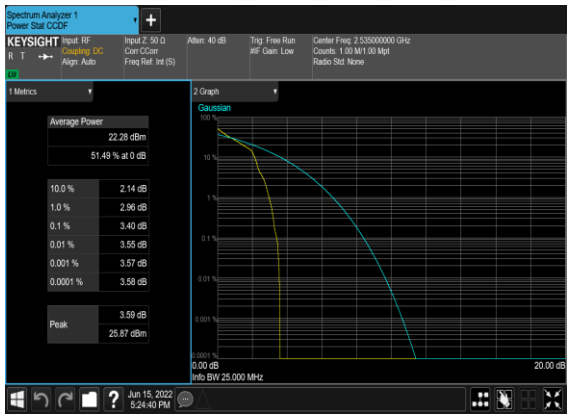
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



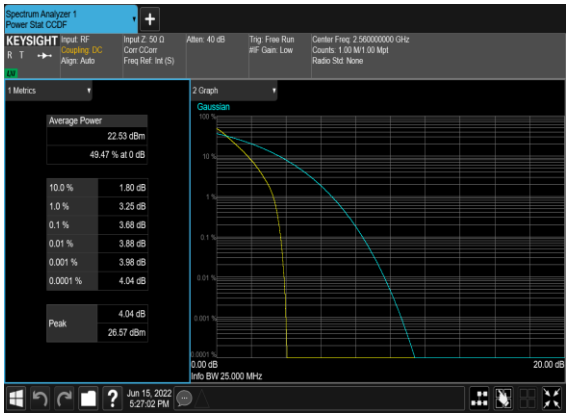
B66_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B66_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

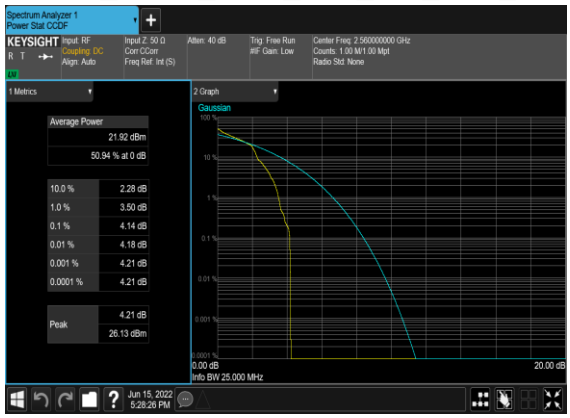
B66_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B66_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH

B66_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

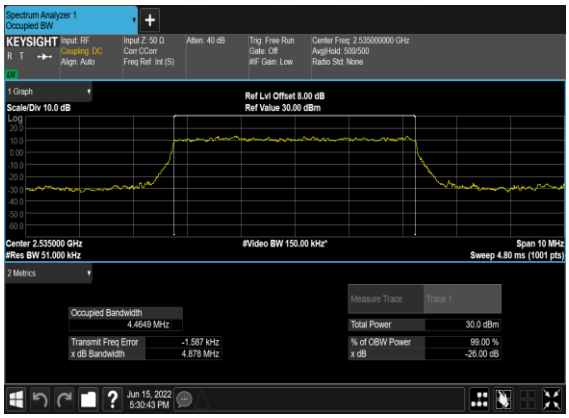
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4649	4.878
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	25@0	4.4719	4.832
7	15	5	531000	2535.0	CP-OFDM QPSK	25@0	4.4747	4.977
7	15	5	531000	2535.0	CP-OFDM 16 QAM	25@0	4.4937	4.965
7	15	5	531000	2535.0	CP-OFDM 64 QAM	25@0	4.479	4.972
7	15	5	531000	2535.0	CP-OFDM 256 QAM	25@0	4.4688	4.947
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8921	9.47
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	50@0	8.9153	9.546
7	15	10	531000	2535.0	CP-OFDM QPSK	52@0	9.2844	9.957
7	15	10	531000	2535.0	CP-OFDM 16 QAM	52@0	9.2762	9.857
7	15	10	531000	2535.0	CP-OFDM 64 QAM	52@0	9.2783	9.928
7	15	10	531000	2535.0	CP-OFDM 256 QAM	52@0	9.2931	9.97
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	75@0	13.394	14.08
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	75@0	13.378	14.11
7	15	15	531000	2535.0	CP-OFDM QPSK	79@0	14.084	14.83
7	15	15	531000	2535.0	CP-OFDM 16 QAM	79@0	14.105	14.89
7	15	15	531000	2535.0	CP-OFDM 64 QAM	79@0	14.119	14.77
7	15	15	531000	2535.0	CP-OFDM 256 QAM	79@0	14.065	14.81
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	17.857	18.71
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	17.853	18.66
7	15	20	531000	2535.0	CP-OFDM QPSK	106@0	18.912	20.98
7	15	20	531000	2535.0	CP-OFDM 16 QAM	106@0	18.93	19.79
7	15	20	531000	2535.0	CP-OFDM 64 QAM	106@0	18.925	21.74
7	15	20	531000	2535.0	CP-OFDM 256 QAM	106@0	18.978	19.75

B66_N7(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B66_N7(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

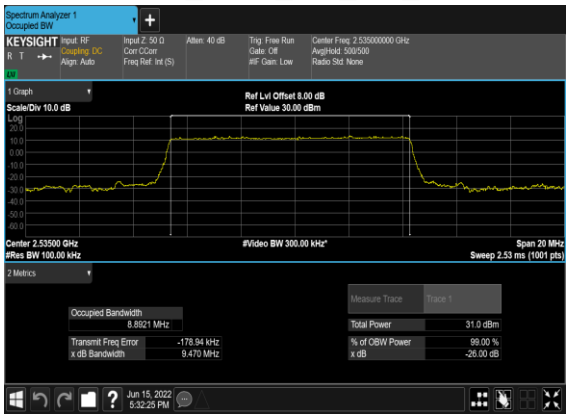
B66_N7(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B66_N7(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B66_N7(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B66_N7(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B66_N7(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

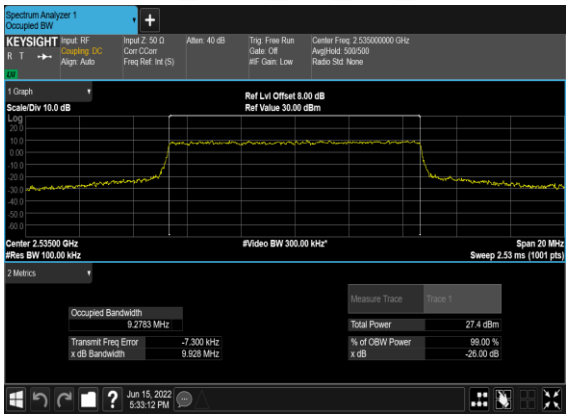


B66_N7(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

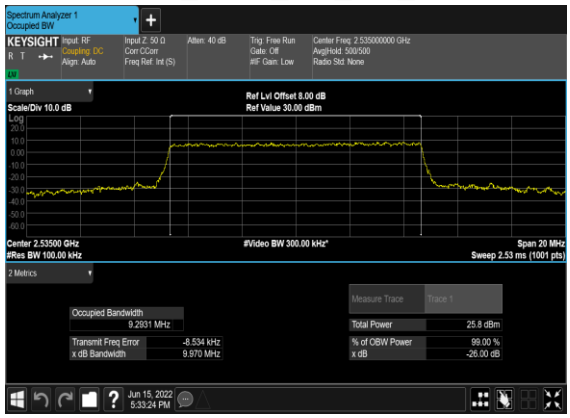
B66_N7(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B66_N7(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

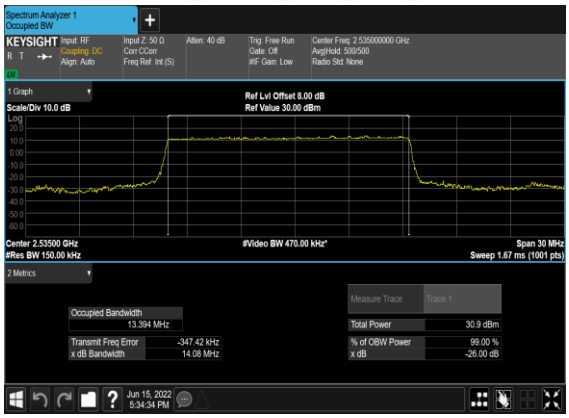
B66_N7(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B66_N7(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B66_N7(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B66_N7(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

B66_N7(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

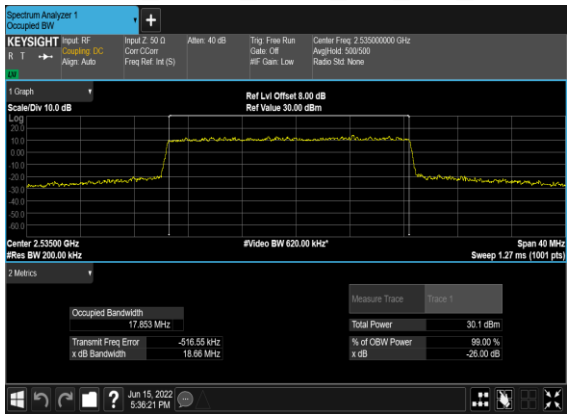
B66_N7(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B66_N7(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B66_N7(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B66_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

B66_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

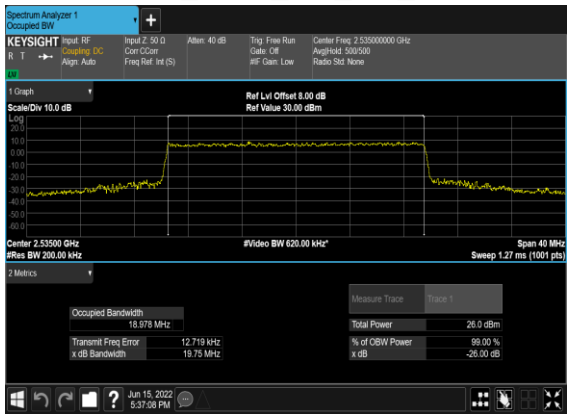


B66_N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B66_N7(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B66_N7(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B66_N7(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



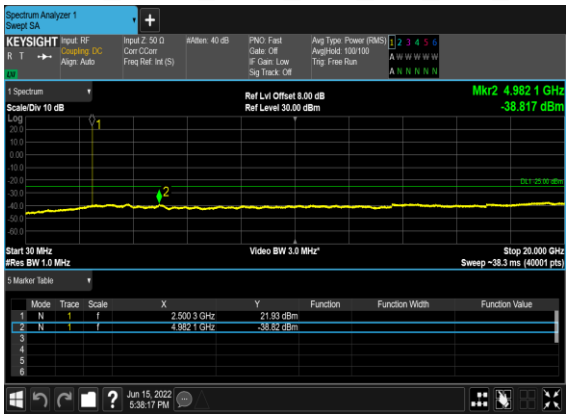
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	**---**

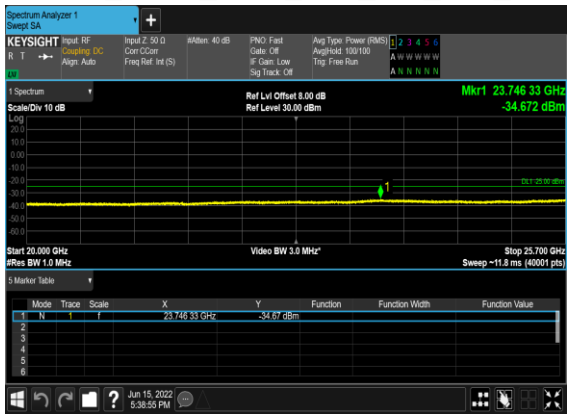
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	10	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	10	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	10	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**---**

7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

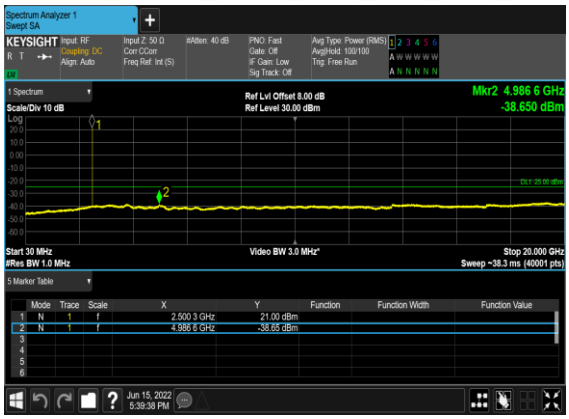
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



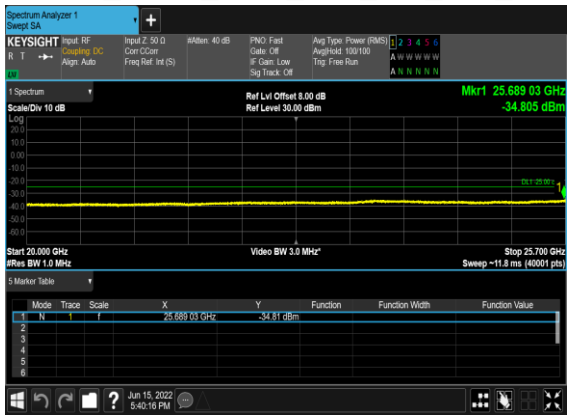
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



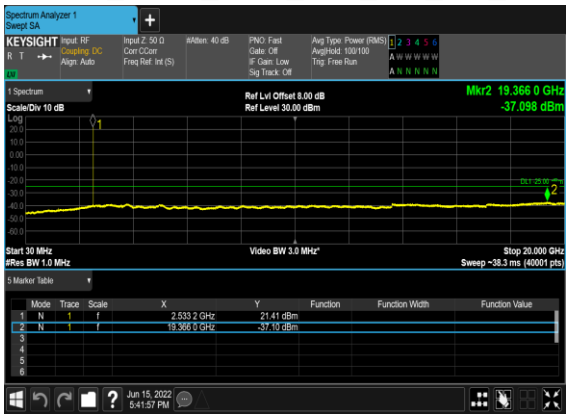
B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



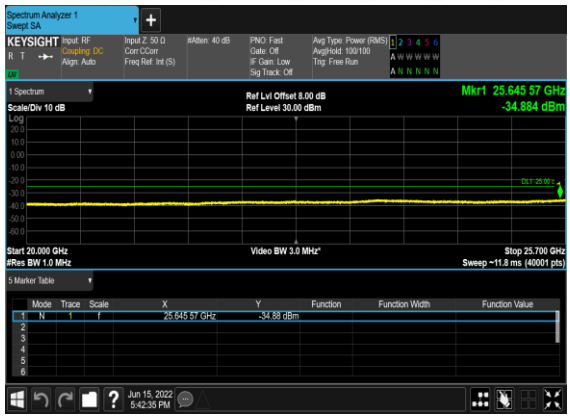
B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



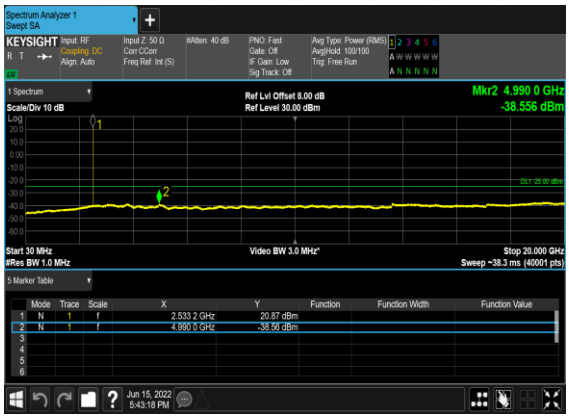
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



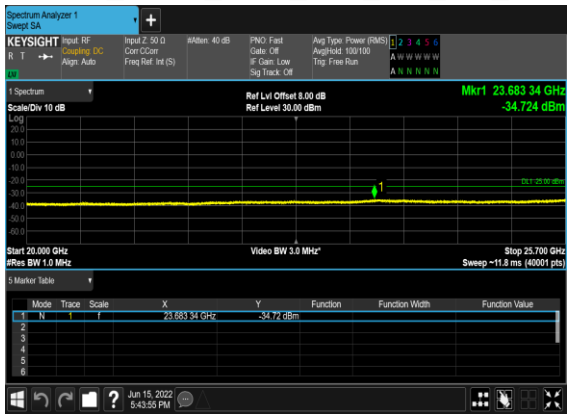
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



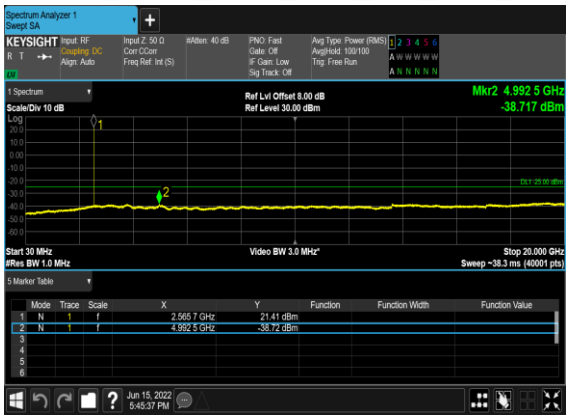
B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



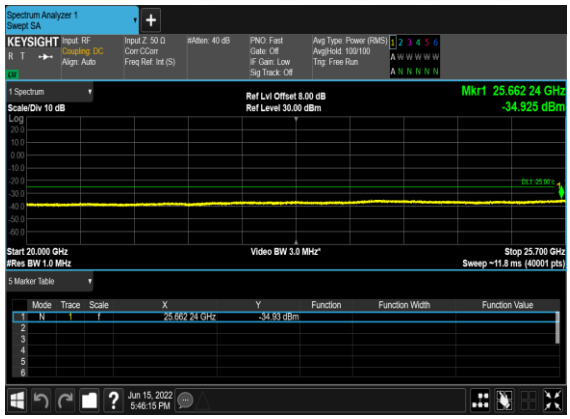
B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



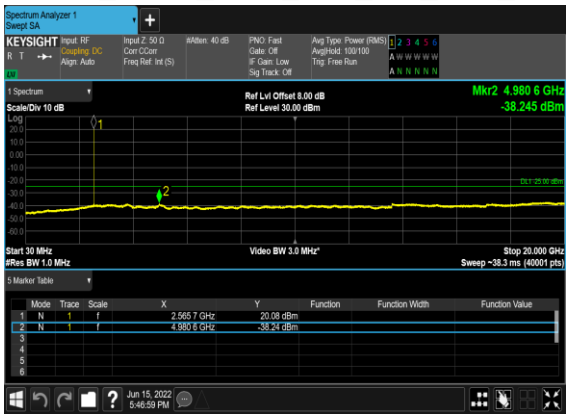
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



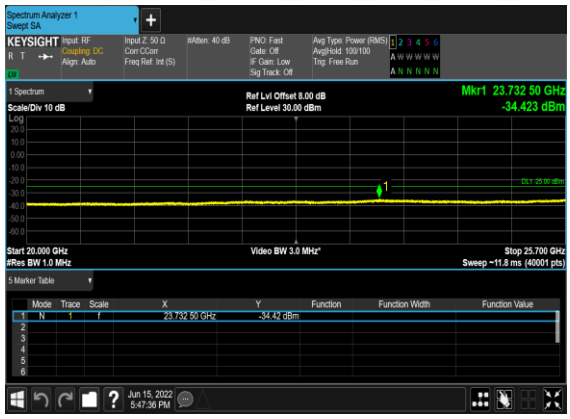
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



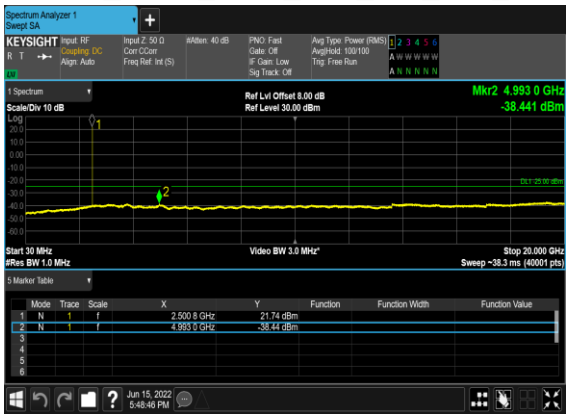
B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



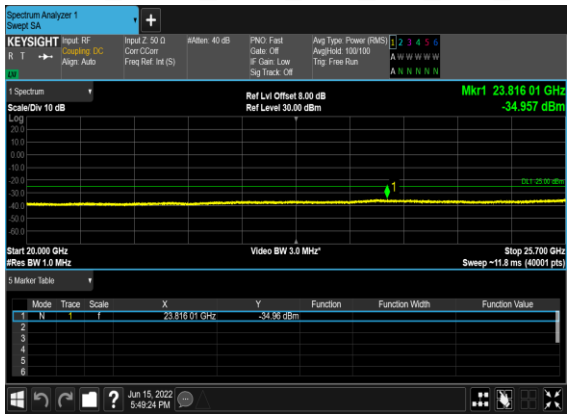
B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



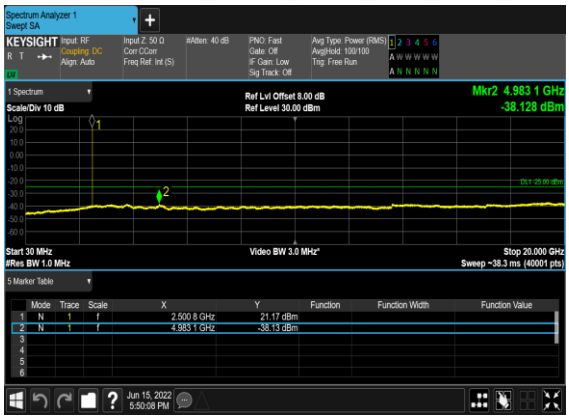
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



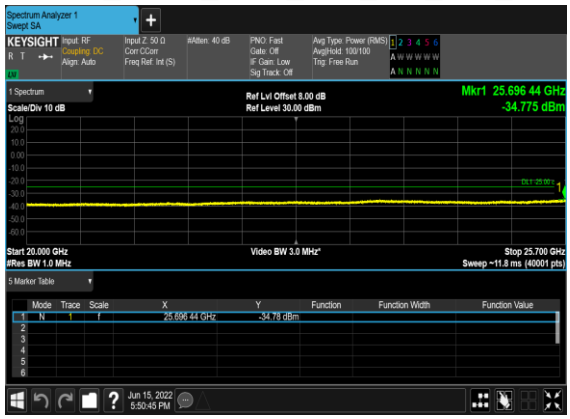
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



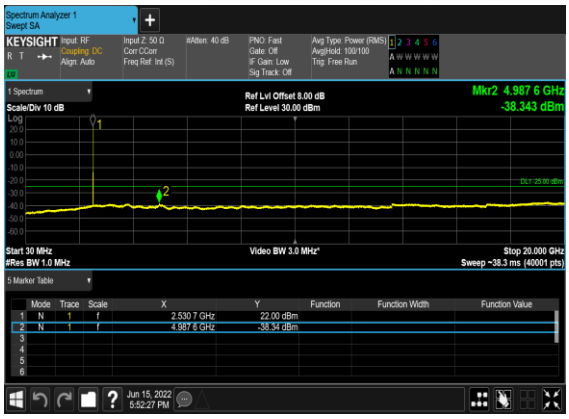
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



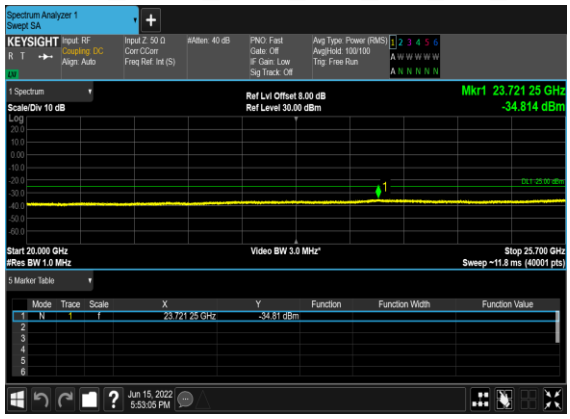
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



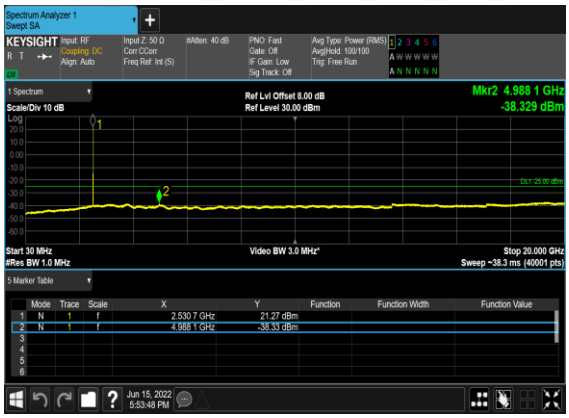
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



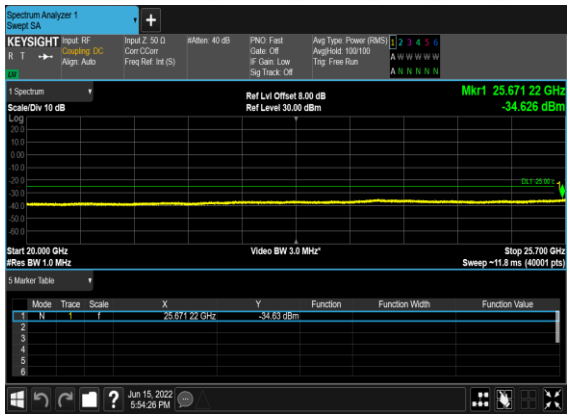
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



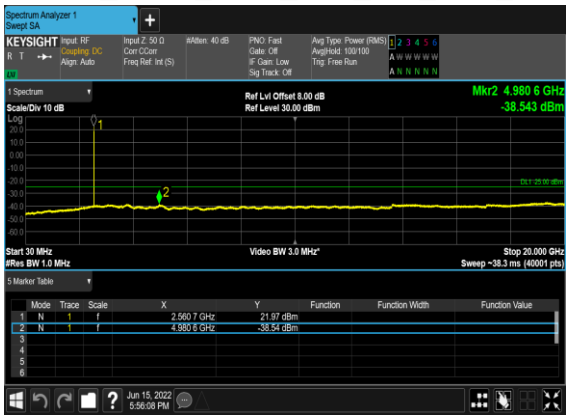
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



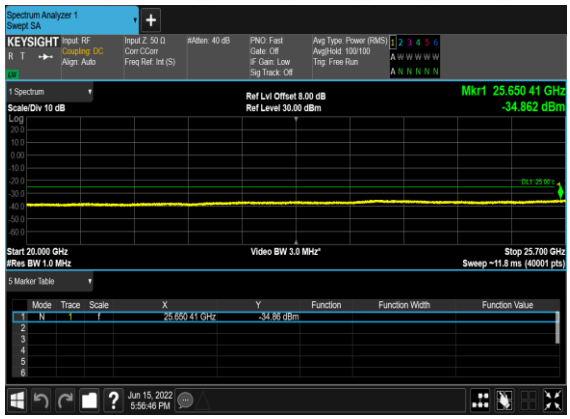
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



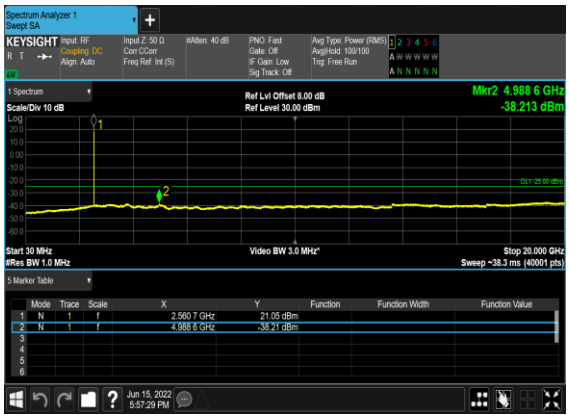
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



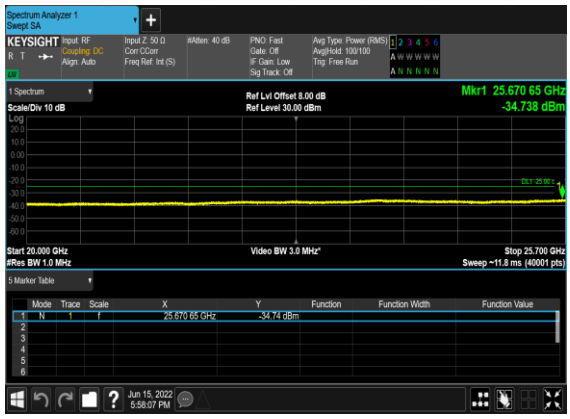
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



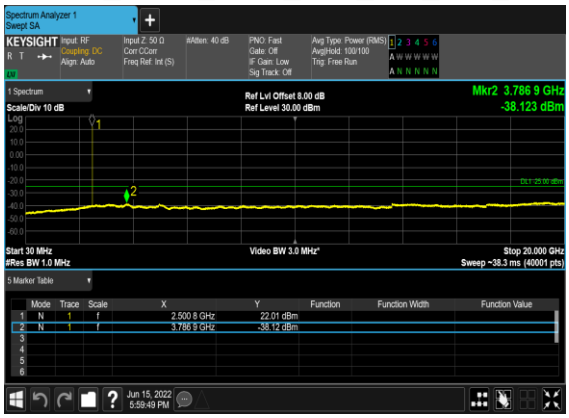
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



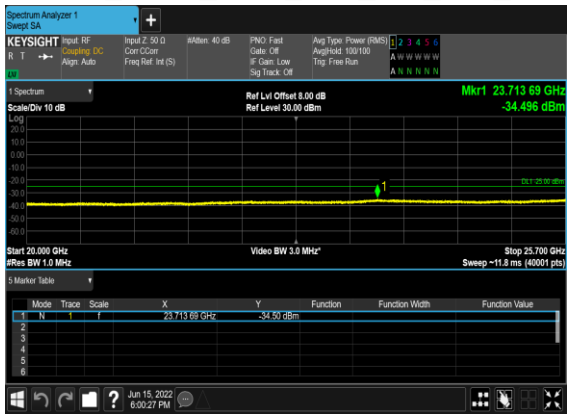
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



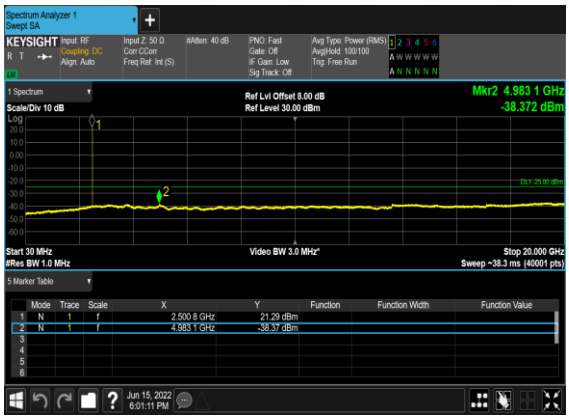
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



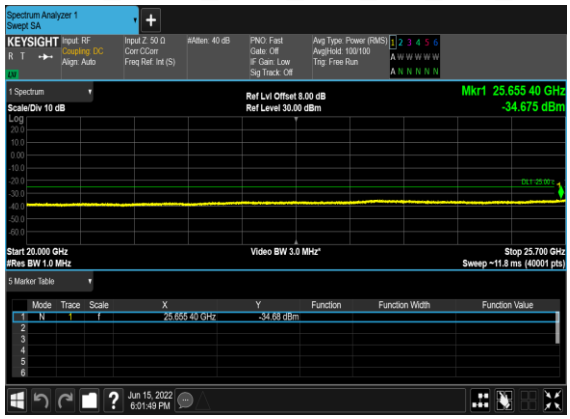
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



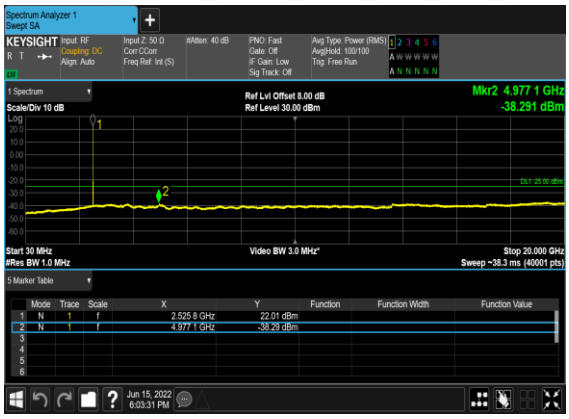
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



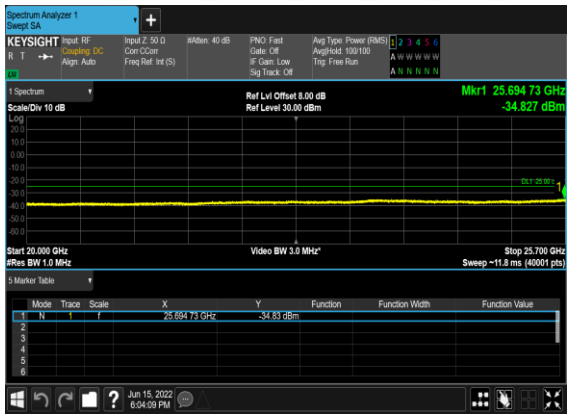
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



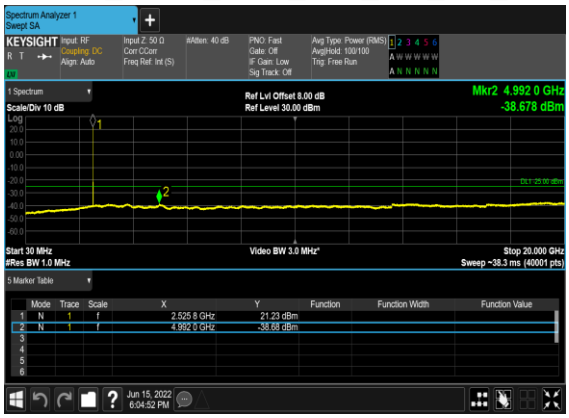
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



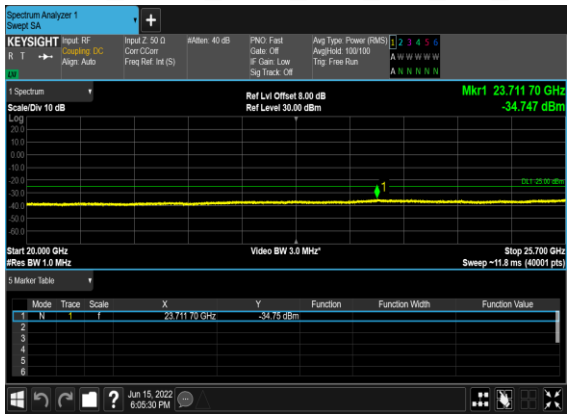
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



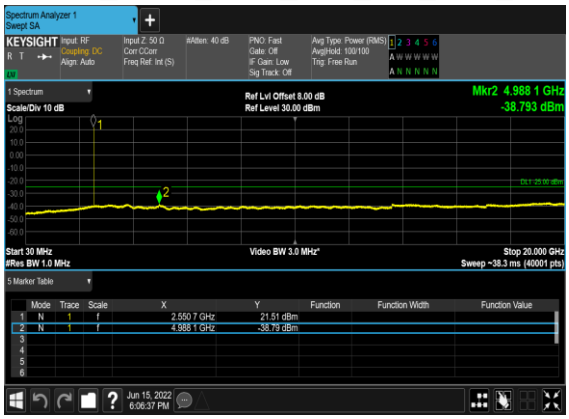
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



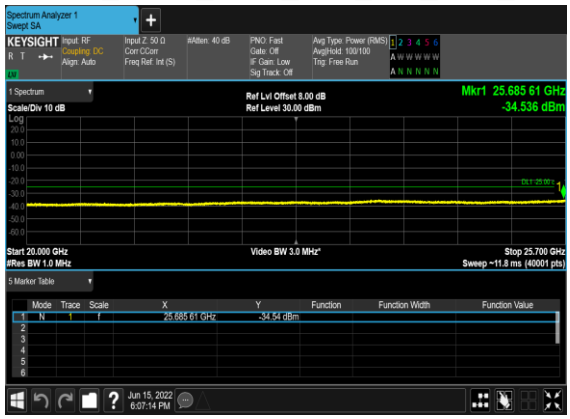
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



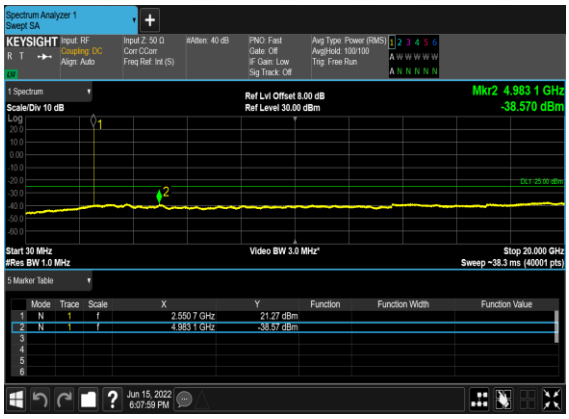
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



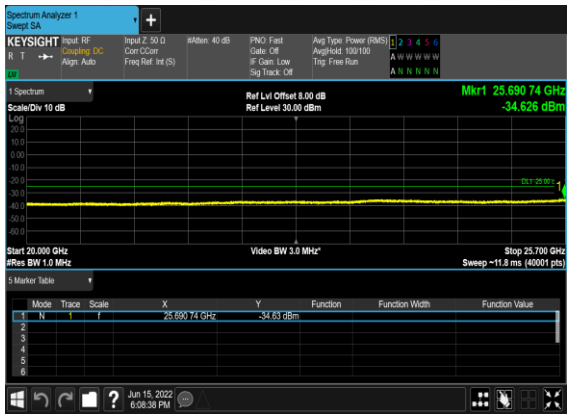
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



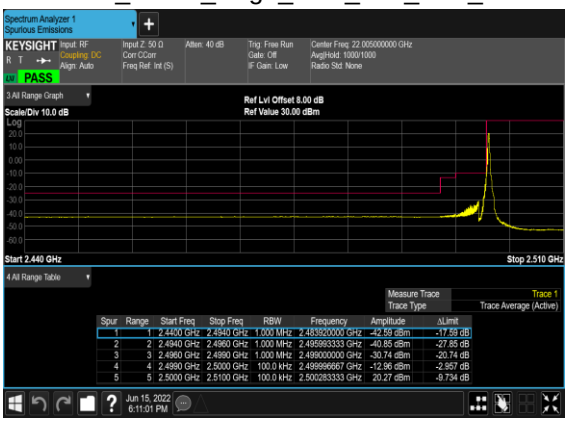
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



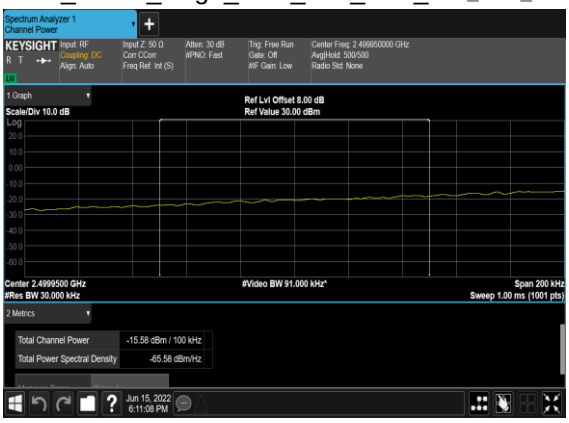
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

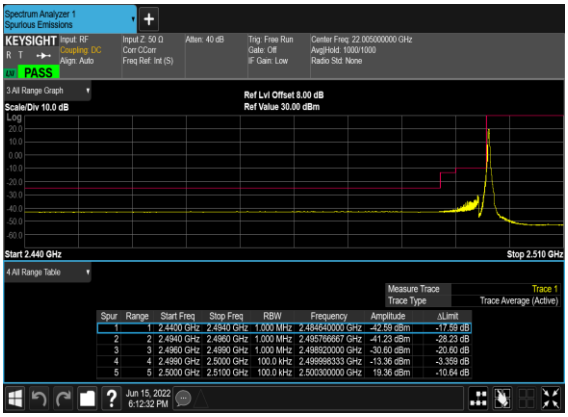
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

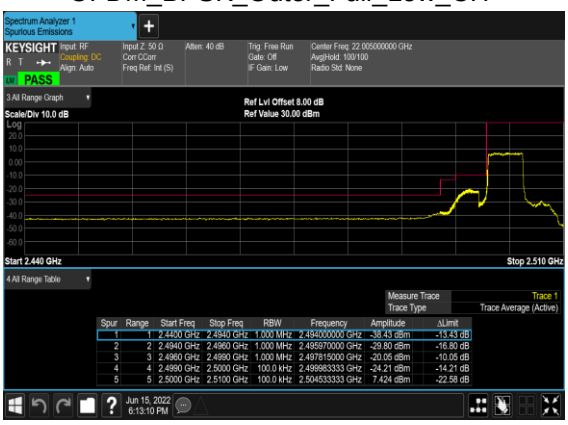


B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

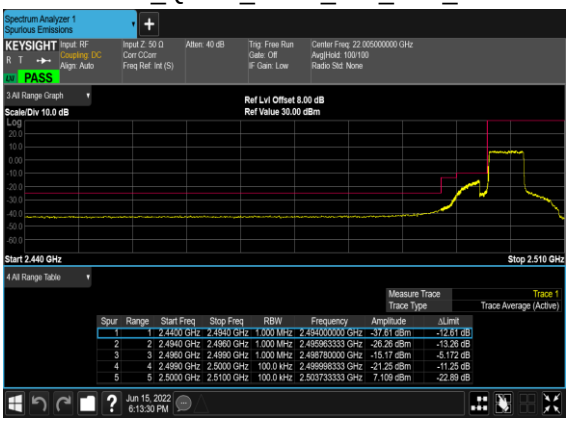


B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

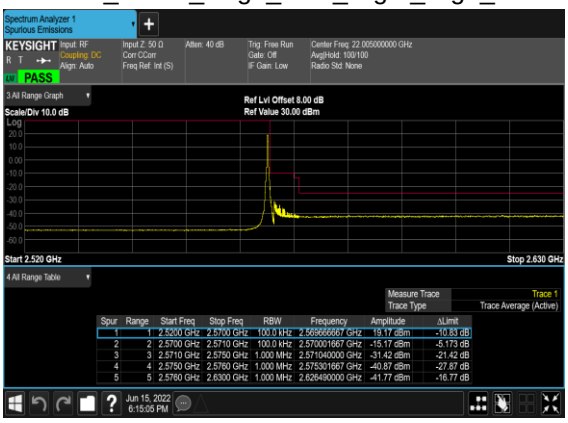
B66_N7(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



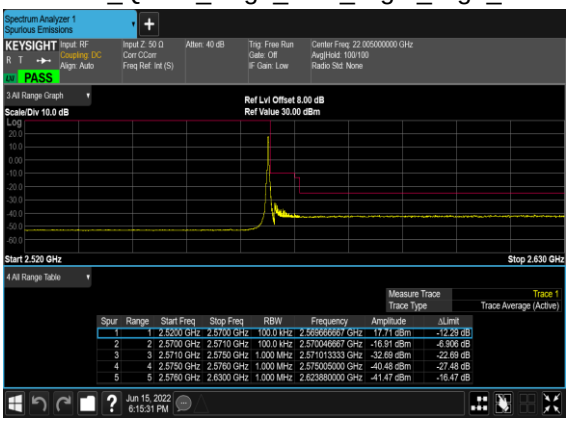
B66_N7(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



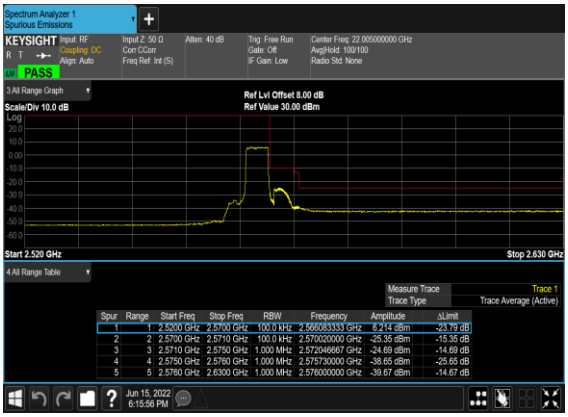
B66_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



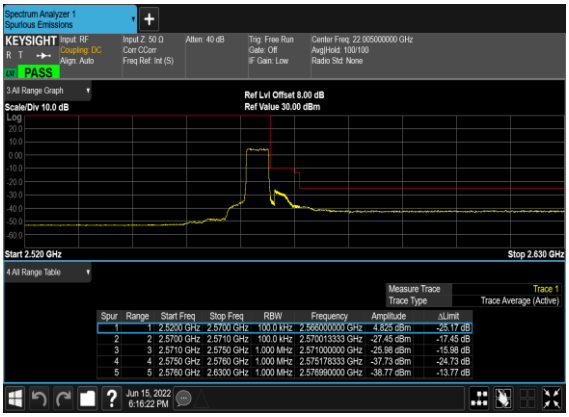
B66_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



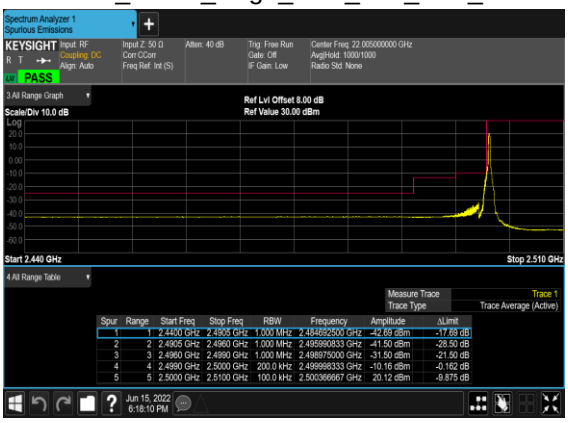
B66_N7(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



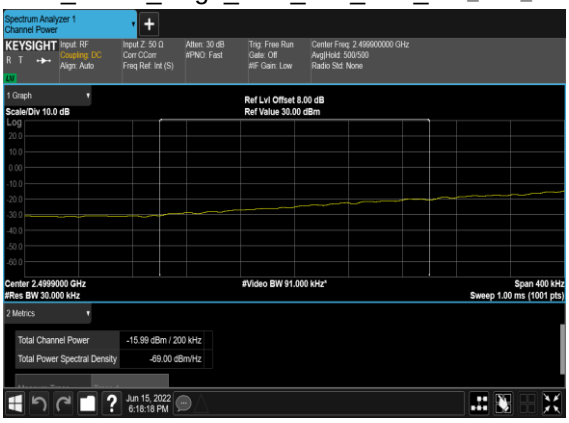
B66_N7(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



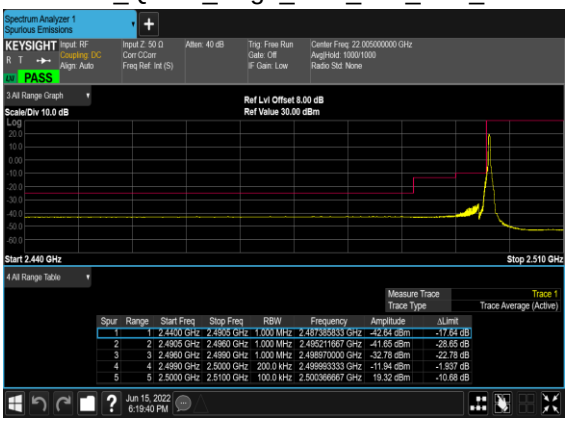
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



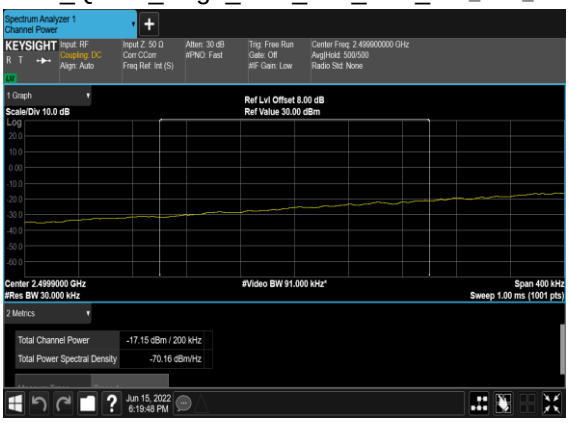
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



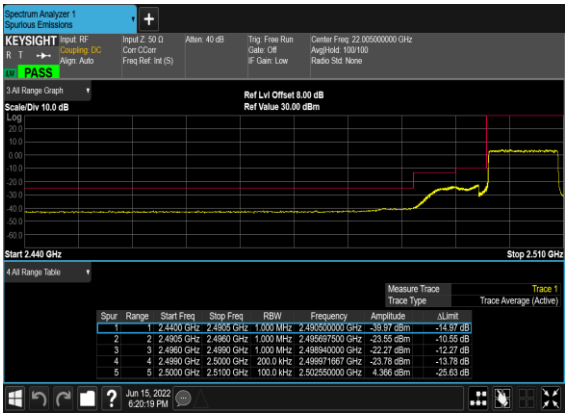
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



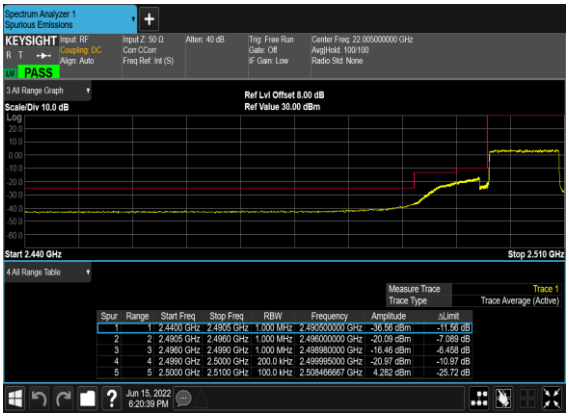
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



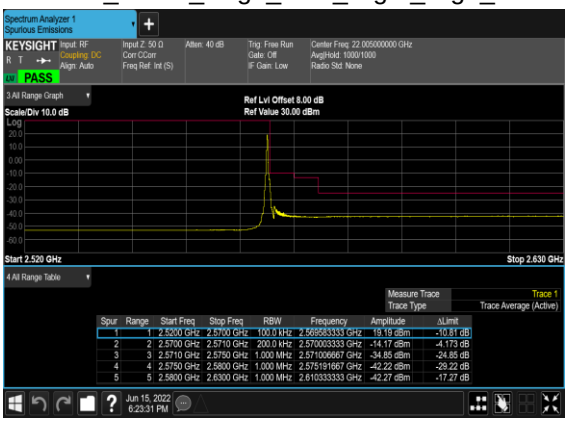
B66_N7(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



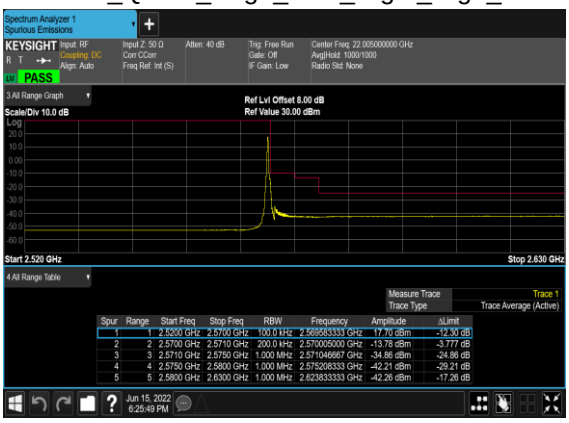
B66_N7(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



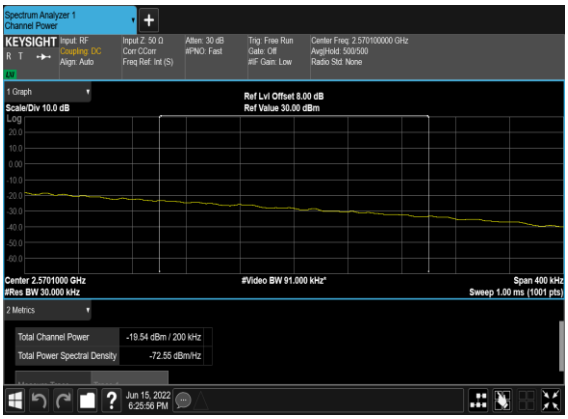
B66_N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



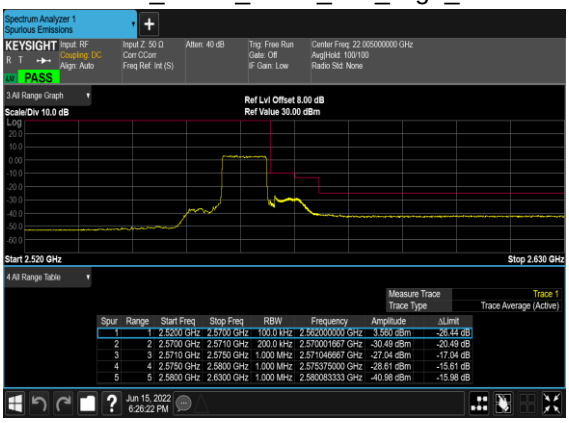
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



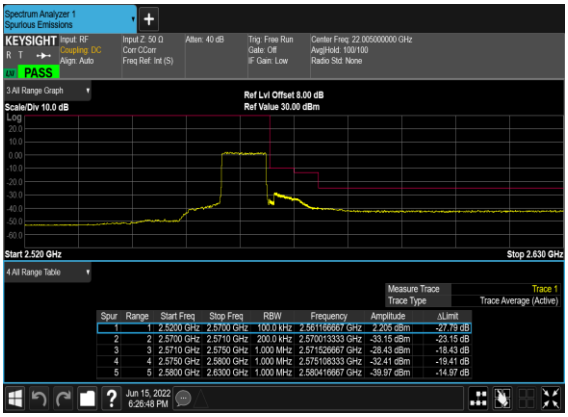
B66_N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



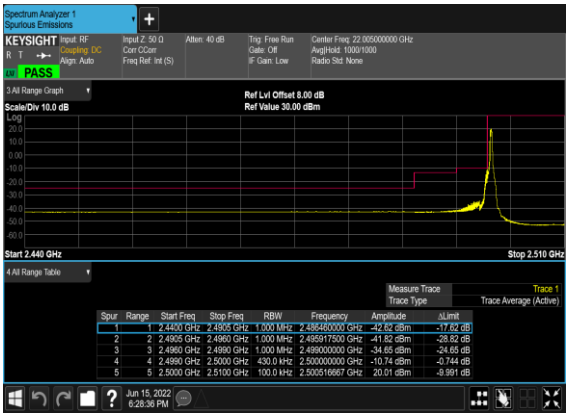
B66_N7(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



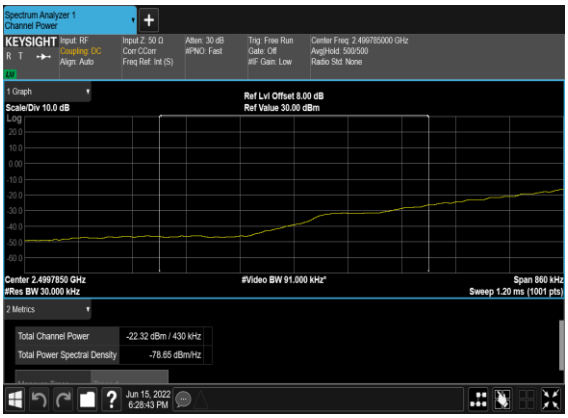
B66_N7(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



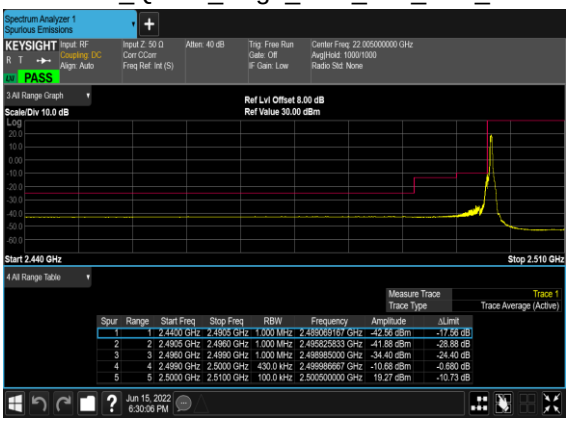
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



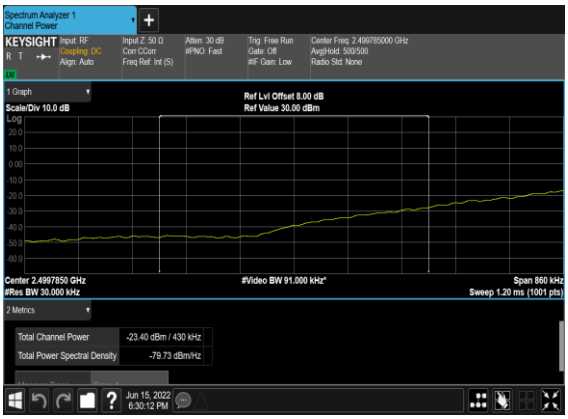
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



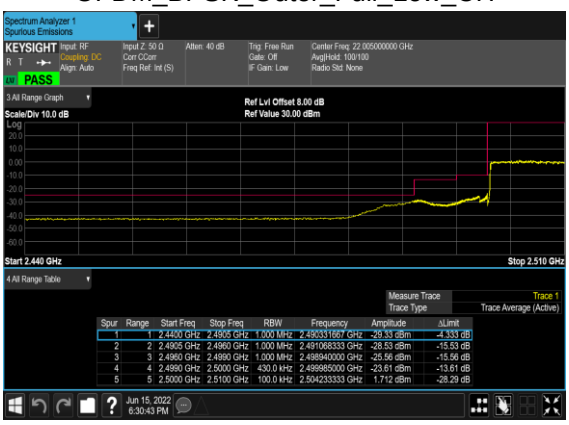
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



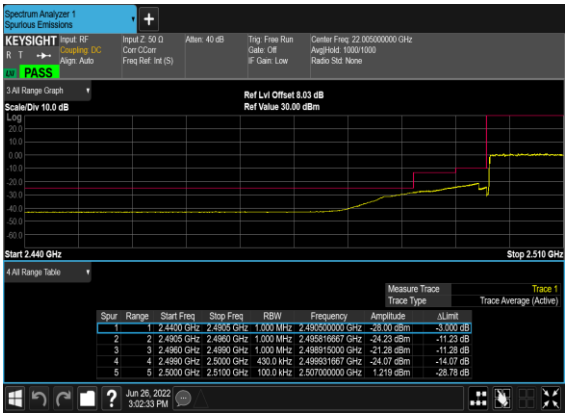
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



B66_N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

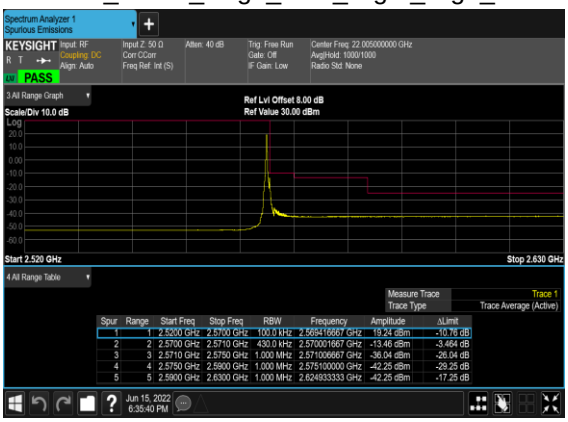


B66_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

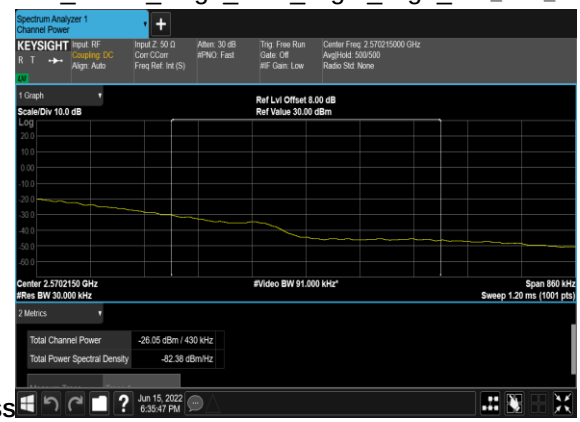


B66_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS

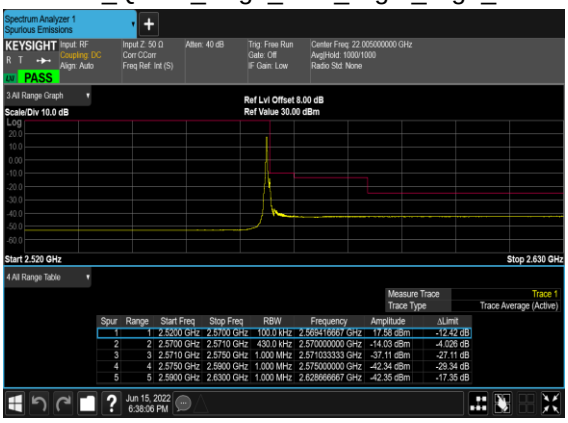
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



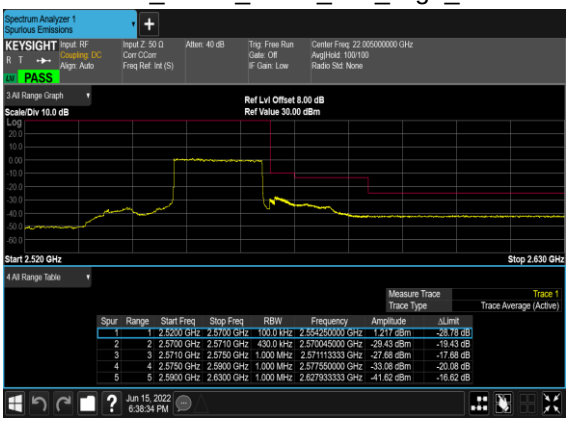
B66_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



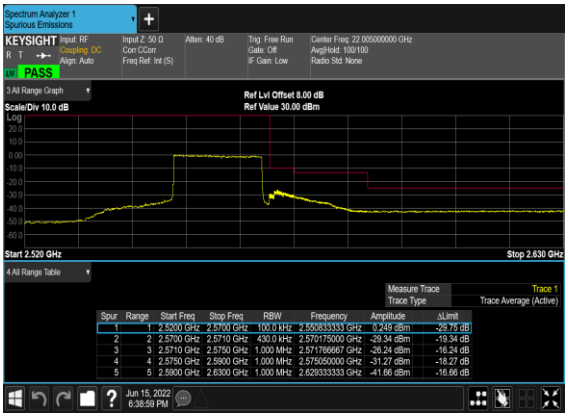
B66_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B66_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N38(ANT5)

Conducted Output Power and EIRP (gain=-0.9dBi)

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	25@12	23.86	22.96	0.1977
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	23.8	22.9	0.1950
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@49	23.9	23	0.1995
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	23.87	22.97	0.1982
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.91	23.01	0.2000
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	24.02	23.12	0.2051
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	23.78	22.88	0.1941
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.81	22.91	0.1954
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	23.67	22.77	0.1892
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	25@12	22.89	21.99	0.1581
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	1@1	22.67	21.77	0.1503
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	1@49	22.76	21.86	0.1535
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	25@12	20.82	19.92	0.0982
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	1@1	20.71	19.81	0.0957
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	1@49	20.79	19.89	0.0975
38	30	20	516000	2580	CP-OFDM QPSK	25@12	23.44	22.54	0.1795
38	30	20	516000	2580	CP-OFDM QPSK	1@1	23.43	22.53	0.1791
38	30	20	516000	2580	CP-OFDM QPSK	1@49	23.44	22.54	0.1795
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	25@12	23.89	22.99	0.1991
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.8	22.9	0.1950
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@49	24	23.1	0.2042
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	23.96	23.06	0.2023
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.93	23.03	0.2009
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	23.96	23.06	0.2023
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	23.81	22.91	0.1954
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.89	22.99	0.1991
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	23.94	23.04	0.2014
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	25@12	22.92	22.02	0.1592
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.67	21.77	0.1503

38	30	20	519000	2595	DFT-s-OFDM 64 QAM	1@49	22.81	21.91	0.1552
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	25@12	20.88	19.98	0.0995
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.77	19.87	0.0971
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	1@49	20.8	19.9	0.0977
38	30	20	519000	2595	CP-OFDM QPSK	25@12	23.46	22.56	0.1803
38	30	20	519000	2595	CP-OFDM QPSK	1@1	23.42	22.52	0.1786
38	30	20	519000	2595	CP-OFDM QPSK	1@49	23.41	22.51	0.1782
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	25@12	23.94	23.04	0.2014
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	23.93	23.03	0.2009
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@49	23.95	23.05	0.2018
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	23.96	23.06	0.2023
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.95	23.05	0.2018
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	24.05	23.15	0.2065
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	23.81	22.91	0.1954
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.88	22.98	0.1986
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	23.76	22.86	0.1932
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	25@12	22.88	21.98	0.1578
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	1@1	22.71	21.81	0.1517
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	1@49	22.8	21.9	0.1549
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	25@12	20.9	20	0.1000
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	1@1	20.81	19.91	0.0979
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	1@49	20.89	19.99	0.0998
38	30	20	522000	2610	CP-OFDM QPSK	25@12	23.55	22.65	0.1841
38	30	20	522000	2610	CP-OFDM QPSK	1@1	23.47	22.57	0.1807
38	30	20	522000	2610	CP-OFDM QPSK	1@49	23.5	22.6	0.1820

Software Version: 22.02.041801

FR1 N41(ANT5)

Conducted Output Power and EIRP (gain=-1.1dBi)

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.92	24.82	0.3034
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	25.29	24.19	0.2624
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.78	24.68	0.2938
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.81	24.71	0.2958
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.87	24.77	0.2999
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.91	24.81	0.3027
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	25.43	24.33	0.2710
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.19	24.09	0.2564
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.49	24.39	0.2748
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.86	24.76	0.2992
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.51	24.41	0.2761
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.73	24.63	0.2904
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.78	24.68	0.2938
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.97	23.87	0.2438
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.71	24.61	0.2891
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.92	24.82	0.3034
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.76	24.66	0.2924
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.88	24.78	0.3006
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.85	24.75	0.2985
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.13	24.03	0.2529
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.55	24.45	0.2786
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.8	24.7	0.2951
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.54	24.44	0.2780
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.78	24.68	0.2938
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.64	24.54	0.2844
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	25.04	23.94	0.2477
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.66	24.56	0.2858
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.77	24.67	0.2931
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.67	24.57	0.2864

41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	25.48	24.38	0.2742
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.53	23.43	0.2203
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.87	23.77	0.2382
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.52	23.42	0.2198
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.55	24.45	0.2786
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.55	23.45	0.2213
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25.46	24.36	0.2729
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.61	23.51	0.2244
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.96	23.86	0.2432
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.51	23.41	0.2193
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.66	24.56	0.2858
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.54	23.44	0.2208
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	25.5	24.4	0.2754
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.14	24.04	0.2535
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.38	24.28	0.2679
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.73	24.63	0.2904
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.63	24.53	0.2838
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.36	24.26	0.2667
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.82	24.72	0.2965
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	25.68	24.58	0.2871
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.54	23.44	0.2208
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.76	24.66	0.2924
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	24.6	23.5	0.2239
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.95	21.85	0.1531
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	24.29	23.19	0.2084
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	22.57	21.47	0.1403
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.42	20.32	0.1076
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	22.66	21.56	0.1432
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	25.09	23.99	0.2506
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.86	22.76	0.1888
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	25.19	24.09	0.2564
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.13	24.03	0.2529
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.32	24.22	0.2642
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.68	24.58	0.2871

41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.6	24.5	0.2818
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.4	24.3	0.2692
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.78	24.68	0.2938
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	25.69	24.59	0.2877
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.57	24.47	0.2799
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.91	24.81	0.3027
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	24.39	23.29	0.2133
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.31	23.21	0.2094
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	24.67	23.57	0.2275
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	22.52	21.42	0.1387
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.18	21.08	0.1282
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	22.65	21.55	0.1429
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	25.12	24.02	0.2523
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.88	23.78	0.2388
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	25.25	24.15	0.2600
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.55	24.45	0.2786
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.23	24.13	0.2588
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.93	24.83	0.3041
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.53	24.43	0.2773
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.41	24.31	0.2698
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.2	24.1	0.2570
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	25.57	24.47	0.2799
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	25.51	24.41	0.2761
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.42	23.32	0.2148
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	24.57	23.47	0.2223
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	24.08	22.98	0.1986
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	22.9	21.8	0.1514
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	22.55	21.45	0.1396
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	22.15	21.05	0.1274
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.44	20.34	0.1081
41	30	100	528000	2640	CP-OFDM QPSK	137@68	25.05	23.95	0.2483
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.78	23.68	0.2333
41	30	100	528000	2640	CP-OFDM QPSK	1@271	23.8	22.7	0.1862

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00125	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00299	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00135	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00431	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00121	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00237	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00228	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00051	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00337	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00266	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00694	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00382	**PASS**	50℃

Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	6.95	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	7.14	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	7.98	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	9.08	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	6.66	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	7.28	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	7.97	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	8.73	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	6.94	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	7.28	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	7.87	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	8.54	13	**PASS**