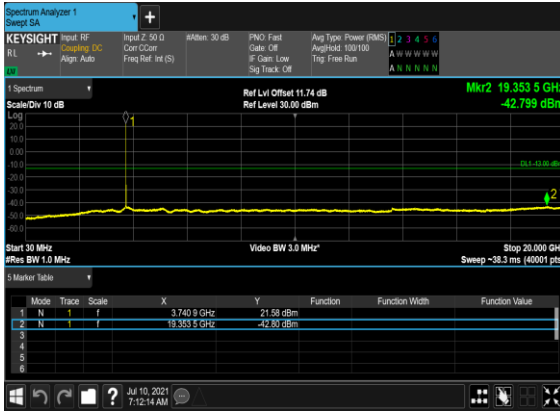
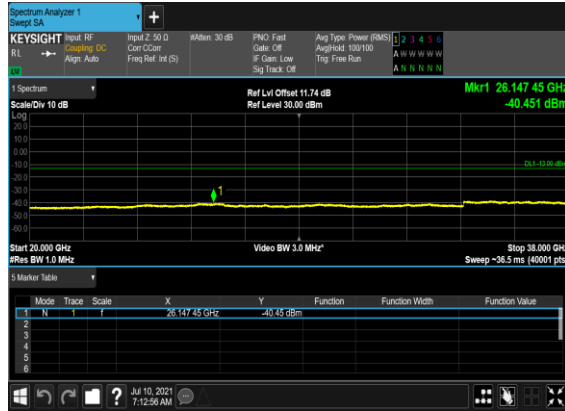


### N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



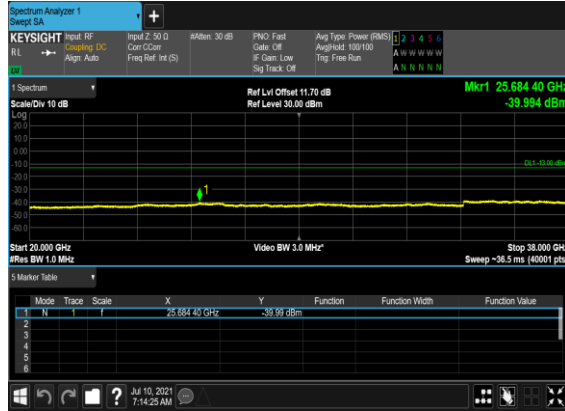
### N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



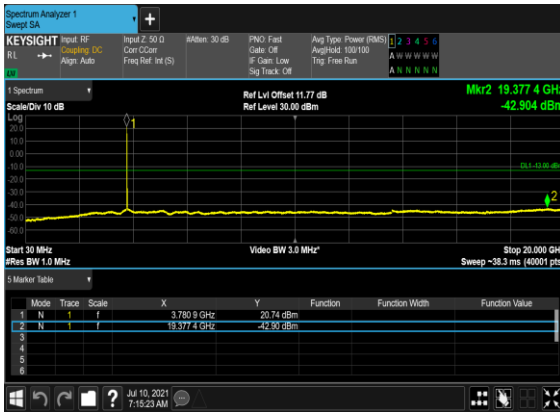
### N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



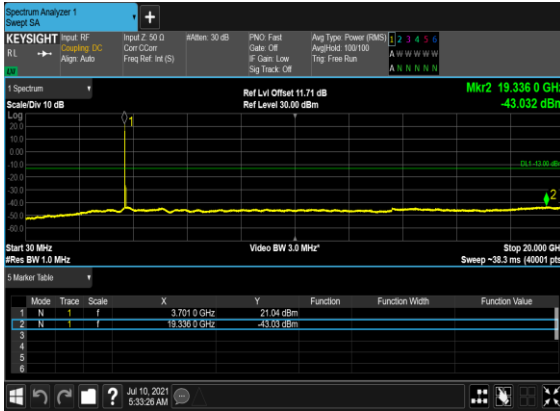
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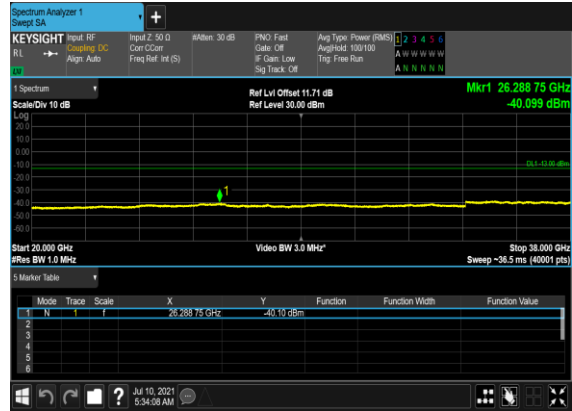
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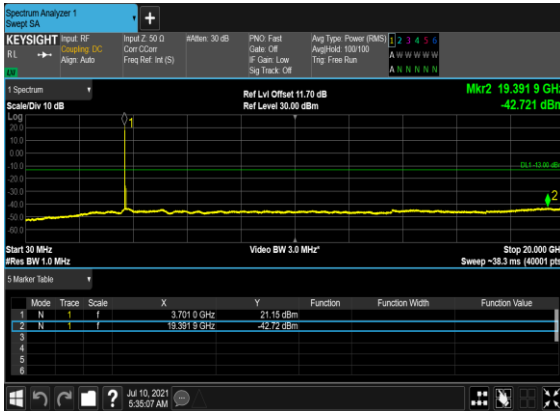
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



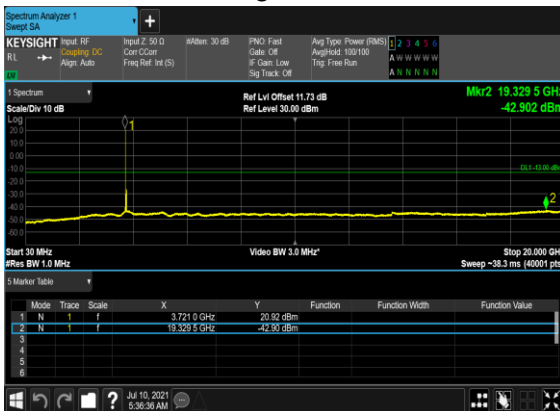
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



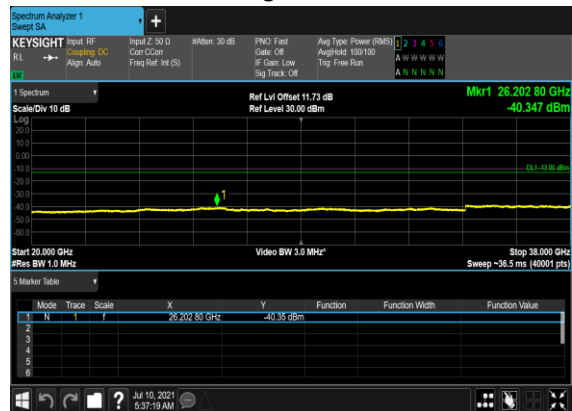
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



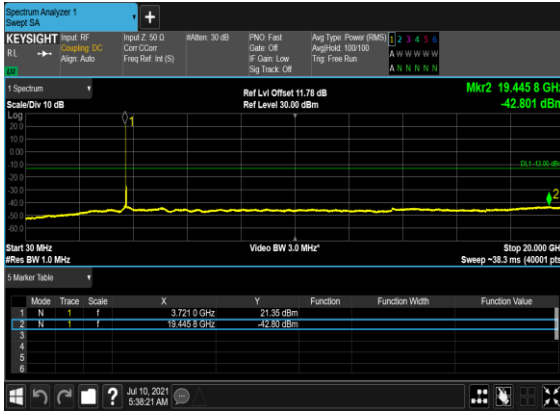
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



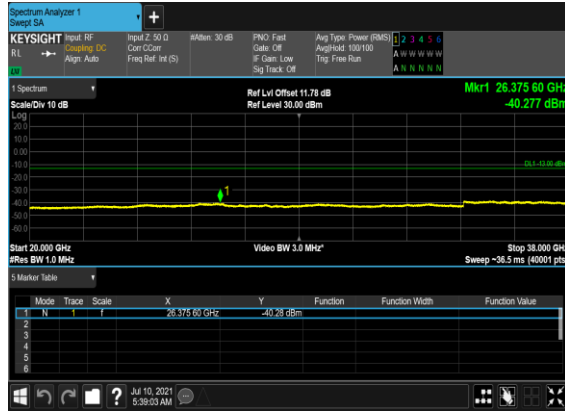
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



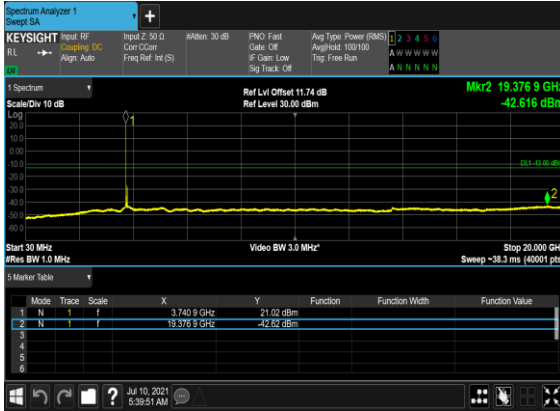
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



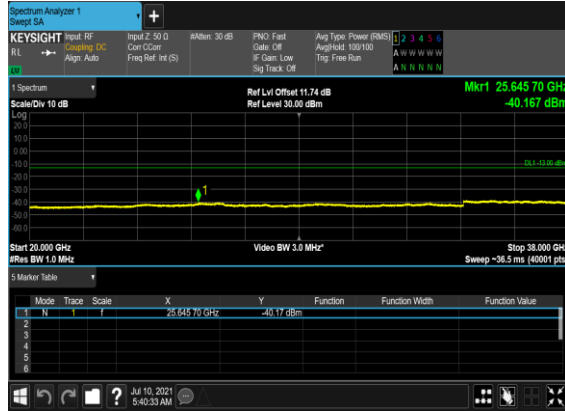
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



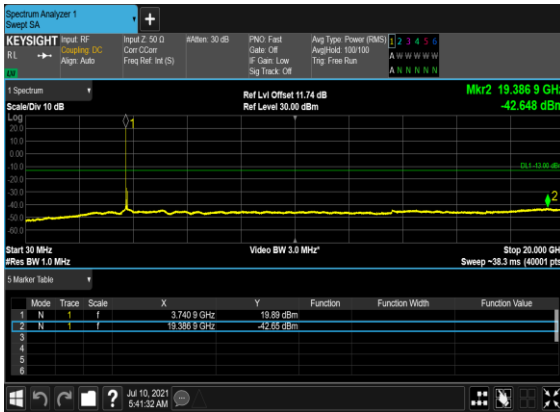
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



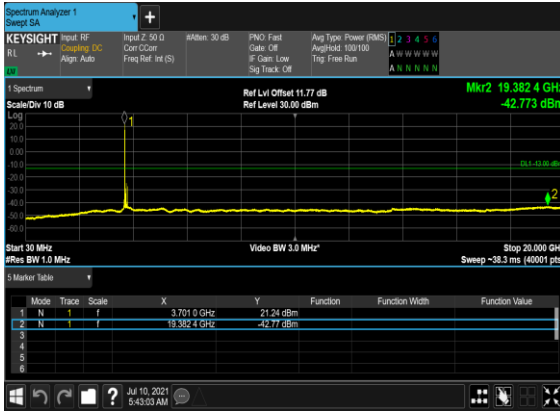
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



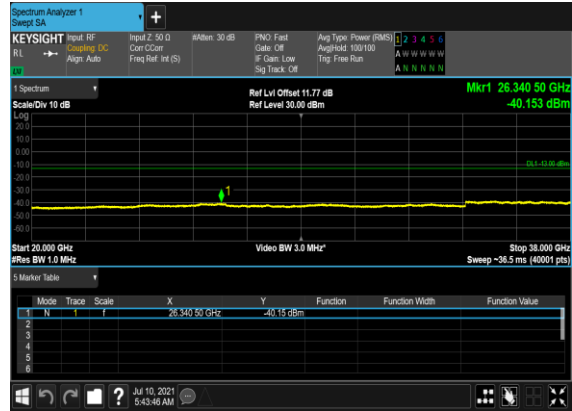
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



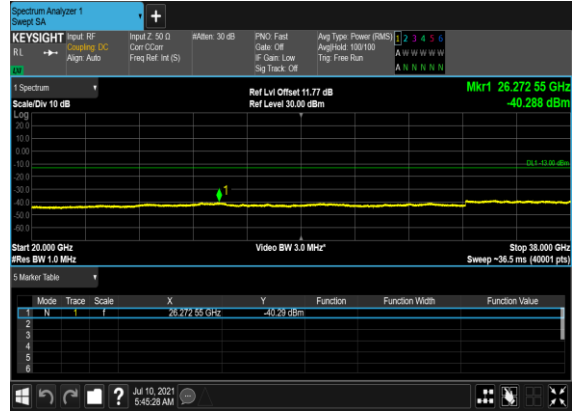
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



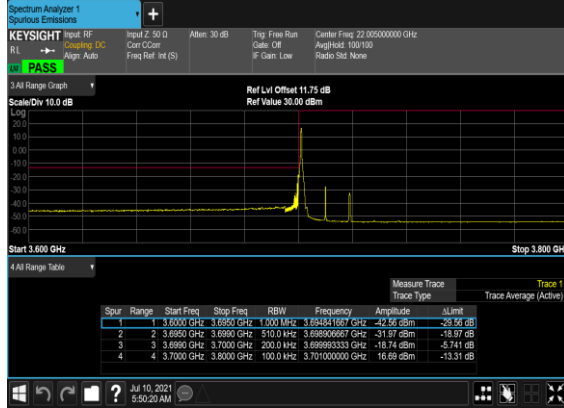
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



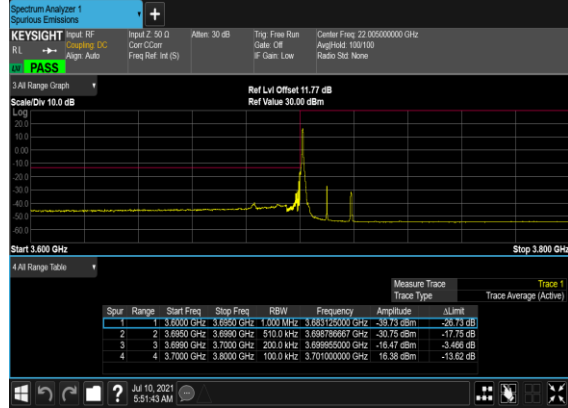
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

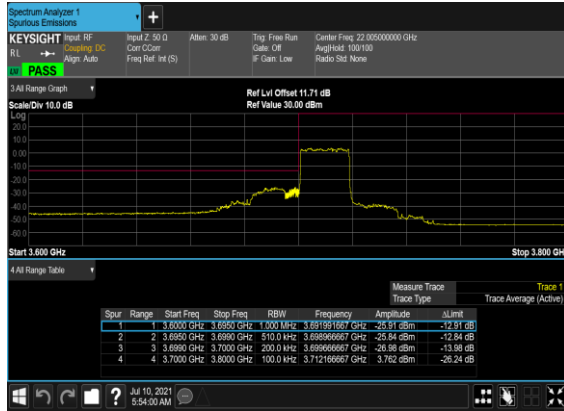
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



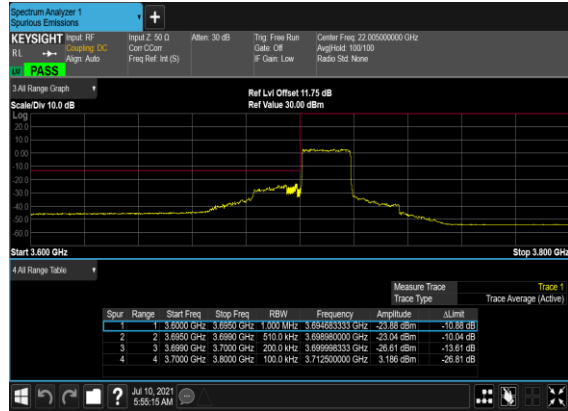
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



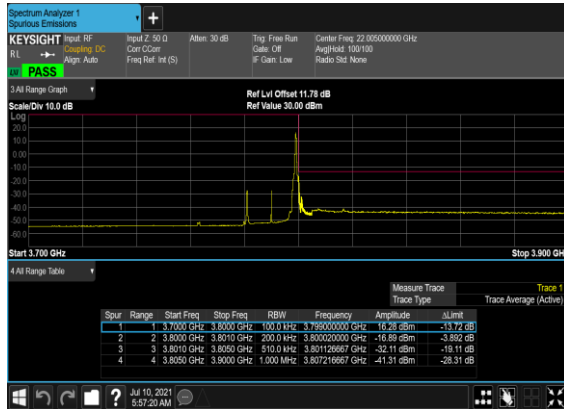
N78(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



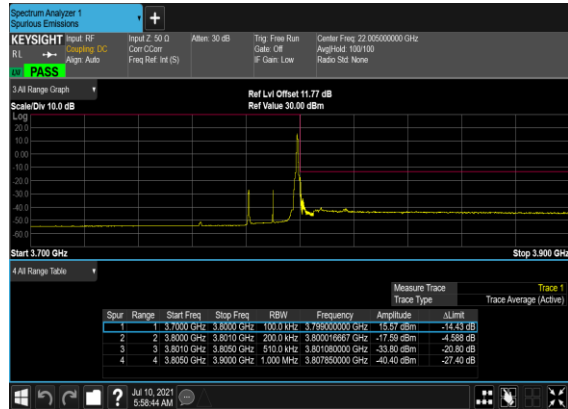
N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



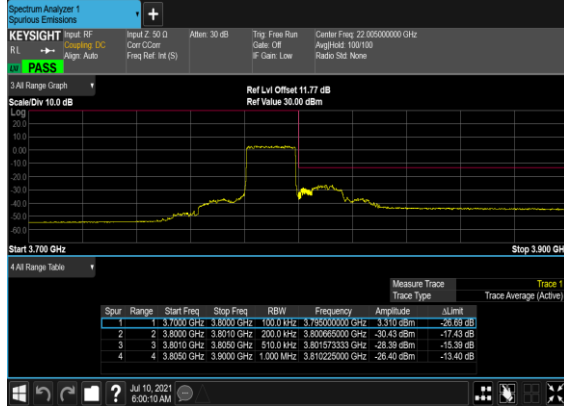
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



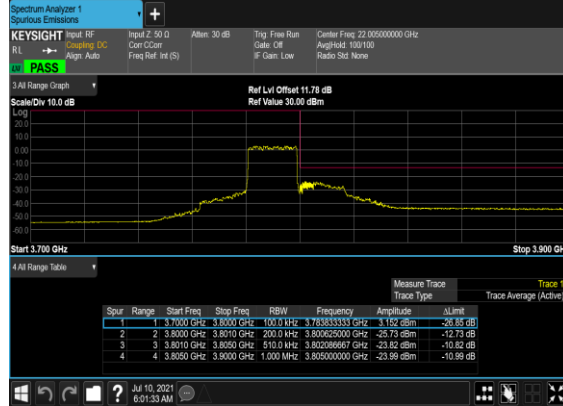
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



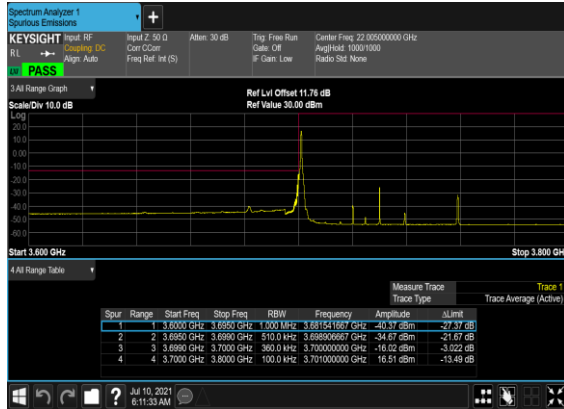
N78(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



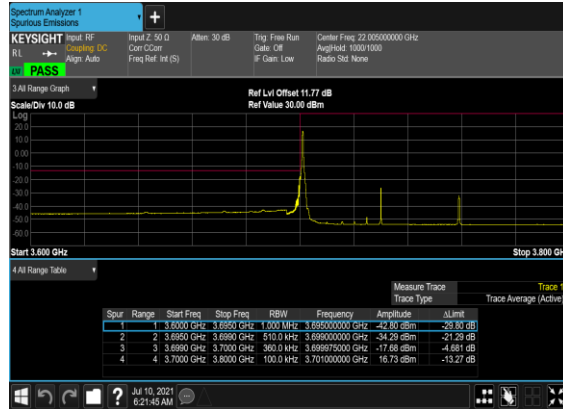
N78(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



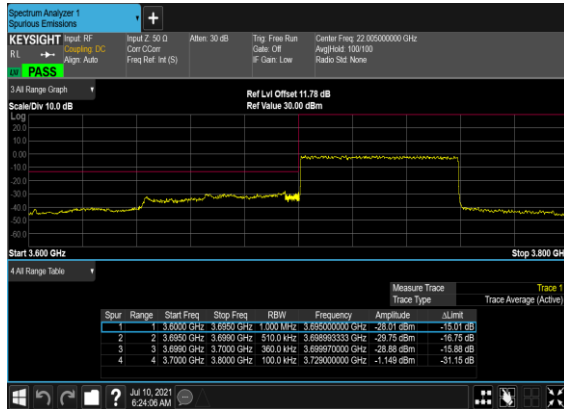
N78(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



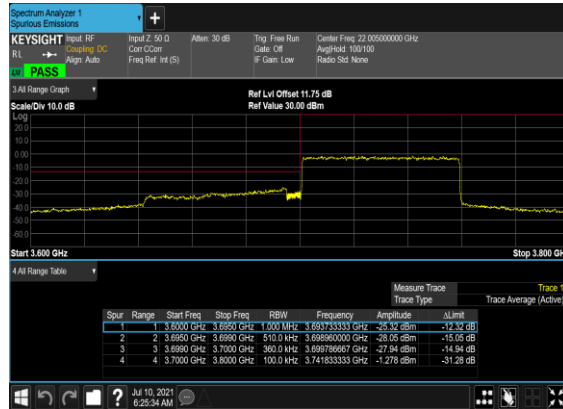
N78(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



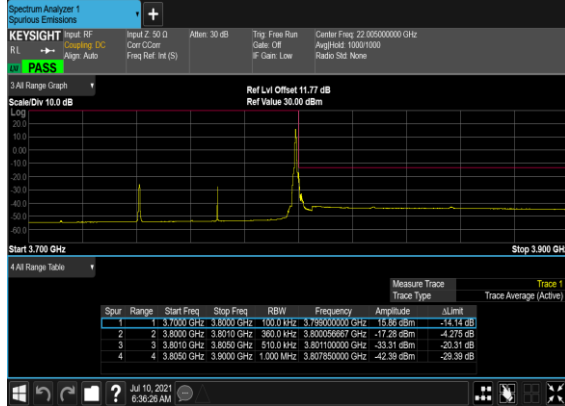
N78(60M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



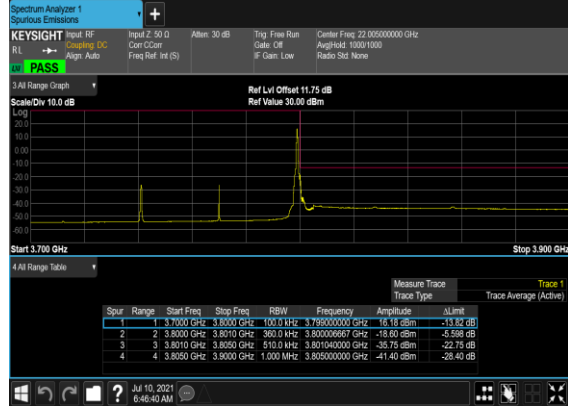
N78(60M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



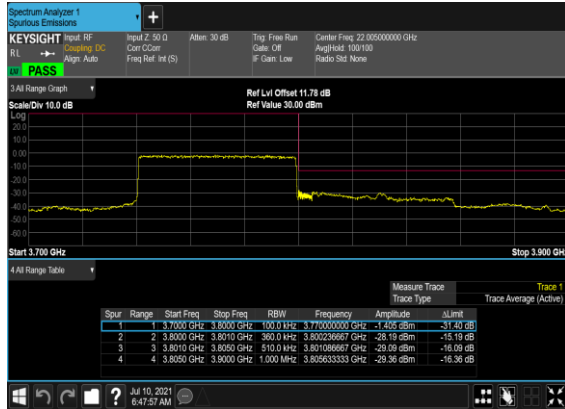
N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



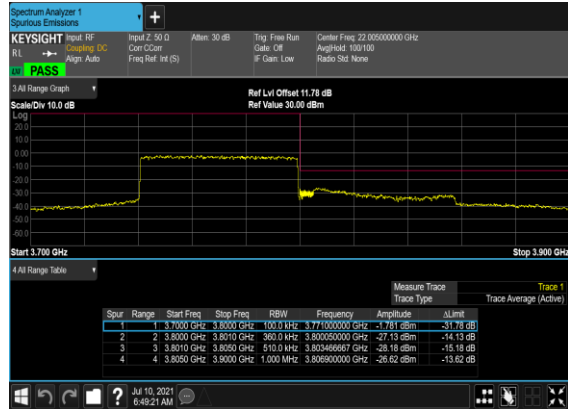
N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



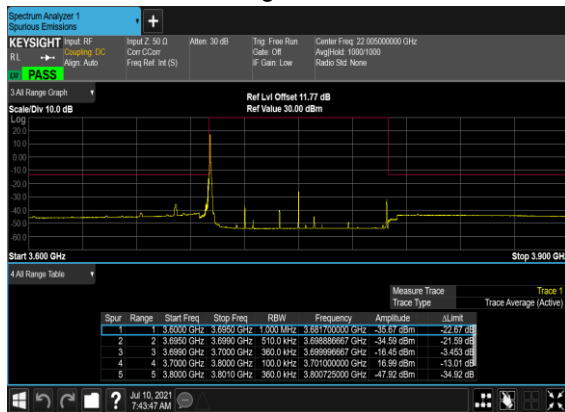
N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



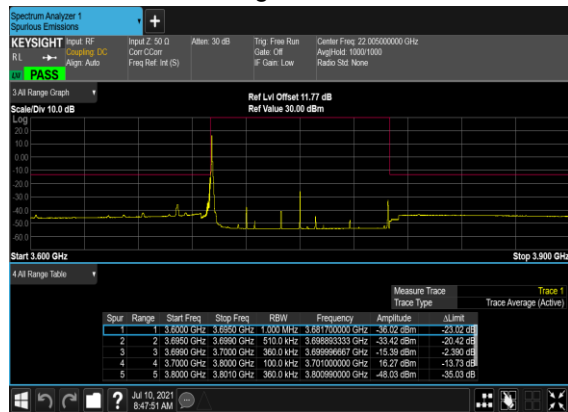
N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

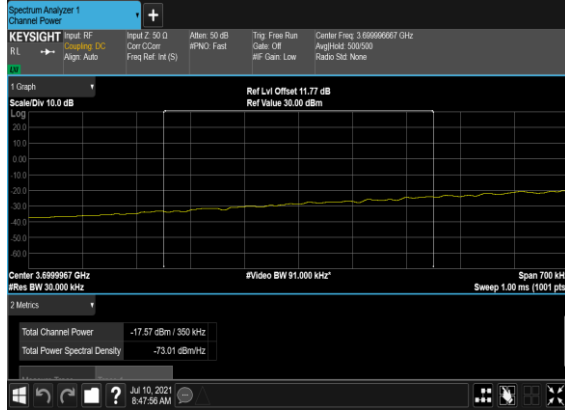


N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

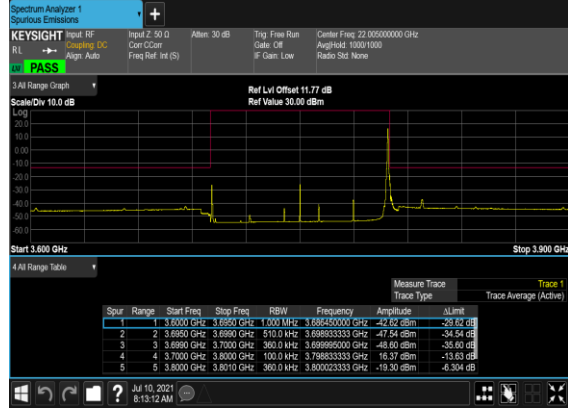




### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH\_CHP\_PA SS



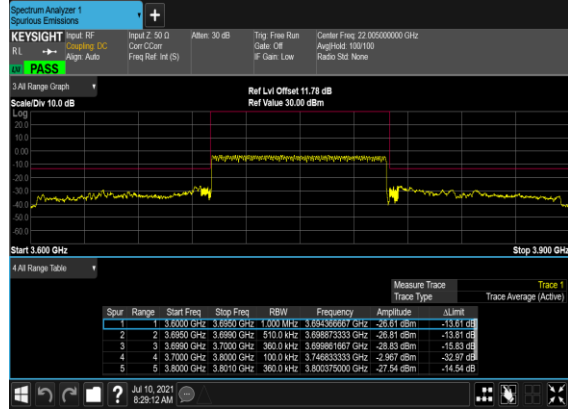
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



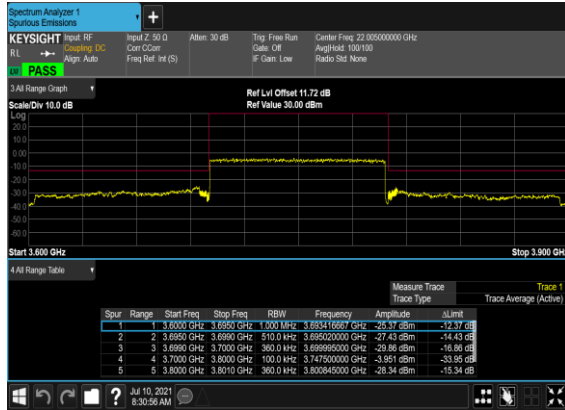
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Pre-scanned harmonic in three orthogonal panels, X, Y, Z for the different antenna for Adapter mode and Earphone mode, we choose the worst mode to test.

SA n77 / NR 100MHz / DFT-s-OFDM / QPSK / ANT12 for Adapter mode								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-56.09	-13	-43.09	-66.57	2.76	13.24	H
	11388	-58.21	-13	-45.21	-67.80	3.42	13.01	H
	15168	-52.34	-13	-39.34	-61.95	3.83	13.44	H
	7584	-59.45	-13	-46.45	-69.89	2.80	13.24	V
	11388	-58.39	-13	-45.39	-67.94	3.46	13.01	V
	15168	-56.23	-13	-43.23	-65.79	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

SA n78 / NR 100MHz / DFT-s-OFDM / QPSK / ANT12 for Adapter mode								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-52.58	-13	-39.58	-63.06	2.76	13.24	H
	11118	-58.20	-13	-45.20	-67.79	3.42	13.01	H
	14808	-53.89	-13	-40.89	-63.50	3.83	13.44	H
	7404	-57.58	-13	-44.58	-68.02	2.80	13.24	V
	11118	-58.41	-13	-45.41	-67.96	3.46	13.01	V
	14802	-54.91	-13	-41.91	-64.47	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / DFT-s-OFDM / QPSK / ANT12(NR) & ANT4(LTE) for Adapter mode								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-60.73	-13	-47.73	-71.21	2.76	13.24	H
	11118	-57.75	-13	-44.75	-67.34	3.42	13.01	H
	14820	-57.95	-13	-44.95	-67.56	3.83	13.44	H
	7410	-60.81	-13	-47.81	-71.25	2.80	13.24	V
	11118	-57.67	-13	-44.67	-67.22	3.46	13.01	V
	14820	-58.19	-13	-45.19	-67.75	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / DFT-s-OFDM / QPSK / ANT12(NR) & ANT2(LTE) for Adapter mode								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-60.91	-13	-47.91	-71.39	2.76	13.24	H
	11118	-57.91	-13	-44.91	-67.50	3.42	13.01	H
	14820	-57.46	-13	-44.46	-67.07	3.83	13.44	H
	7410	-60.99	-13	-47.99	-71.43	2.80	13.24	V
	11118	-57.90	-13	-44.90	-67.45	3.46	13.01	V
	14820	-57.92	-13	-44.92	-67.48	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_38A_n78A / LTE 10MHz + NR 100MHz / DFT-s-OFDM / QPSK / ANT4(NR) & ANT2(LTE) for Adapter mode								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-61.33	-13	-48.33	-71.81	2.76	13.24	H
	11118	-57.85	-13	-44.85	-67.44	3.42	13.01	H
	14820	-58.29	-13	-45.29	-67.90	3.83	13.44	H
	7410	-61.19	-13	-48.19	-71.63	2.80	13.24	V
	11118	-57.82	-13	-44.82	-67.37	3.46	13.01	V
	14820	-58.54	-13	-45.54	-68.10	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_66A_n78A / LTE 10MHz + NR 100MHz / DFT-s-OFDM / QPSK / ANT4(NR) & ANT2(LTE) for Adapter mode								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-61.38	-13	-48.38	-71.86	2.76	13.24	H
	11118	-57.97	-13	-44.97	-67.56	3.42	13.01	H
	14820	-58.45	-13	-45.45	-68.06	3.83	13.44	H
	7410	-60.69	-13	-47.69	-71.13	2.80	13.24	V
	11118	-57.84	-13	-44.84	-67.39	3.46	13.01	V
	14820	-58.31	-13	-45.31	-67.87	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.