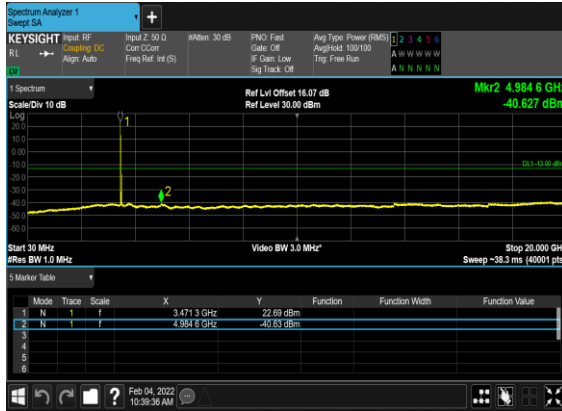
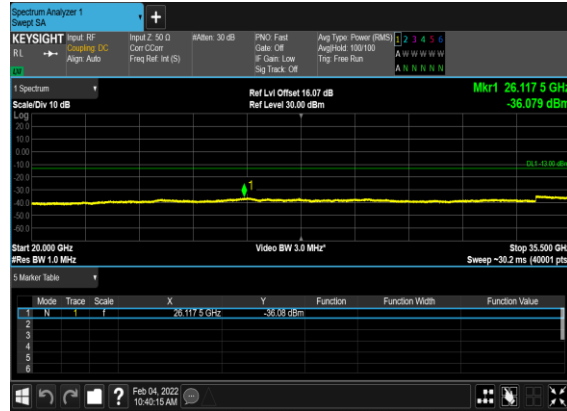


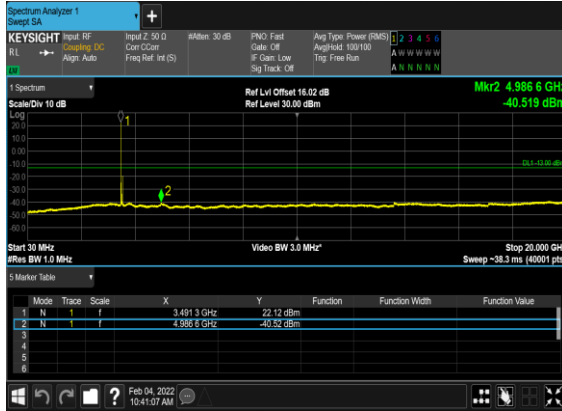
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



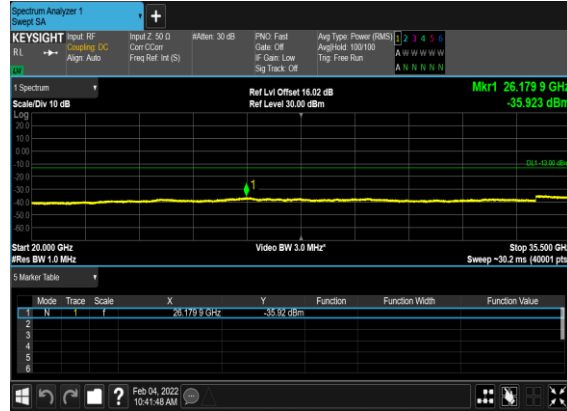
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



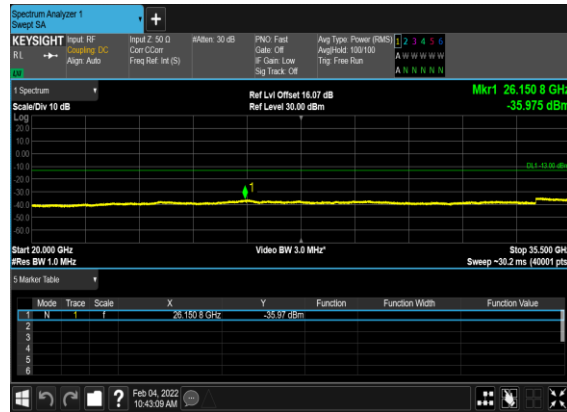
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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



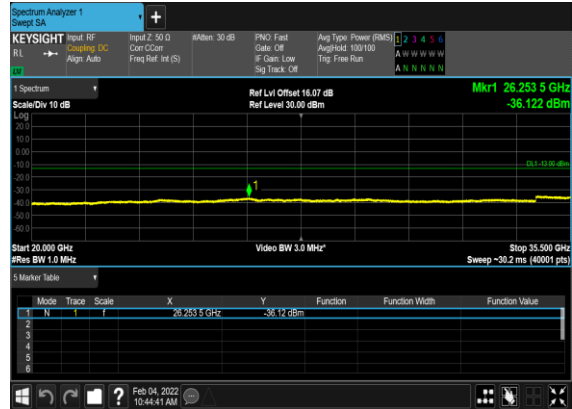
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### 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



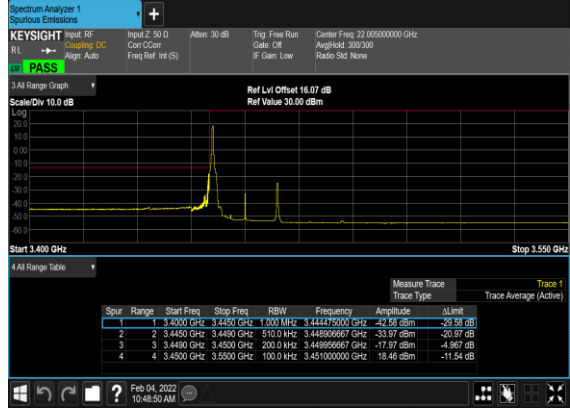
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	630668	3460.02	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@50	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@50	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

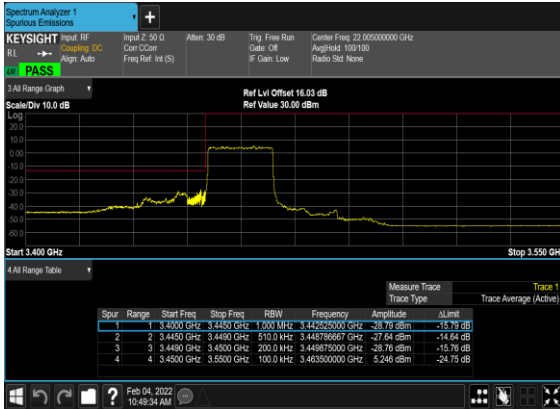
### N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



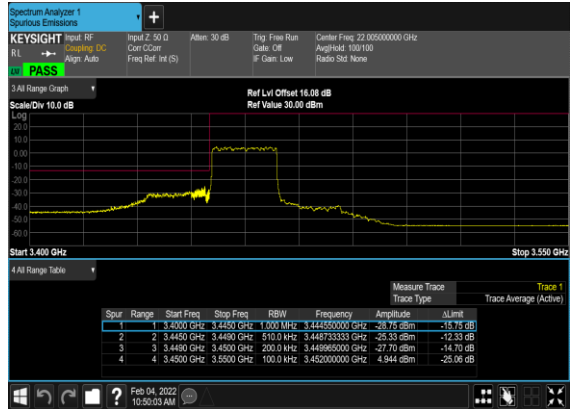
### N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



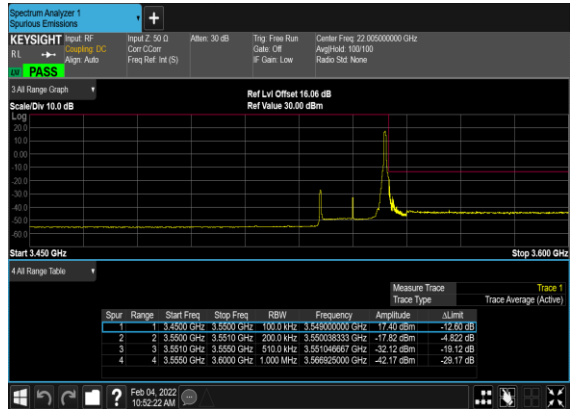
### N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



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



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



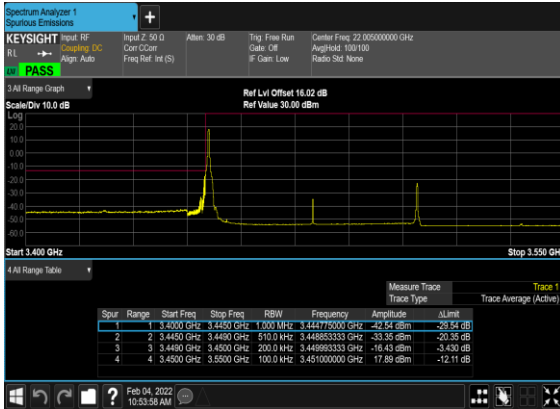
### N78(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



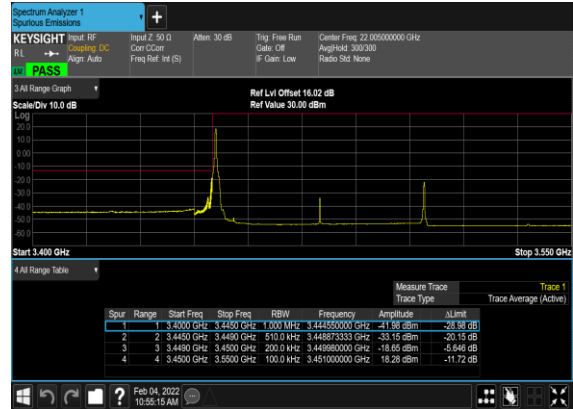
### N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



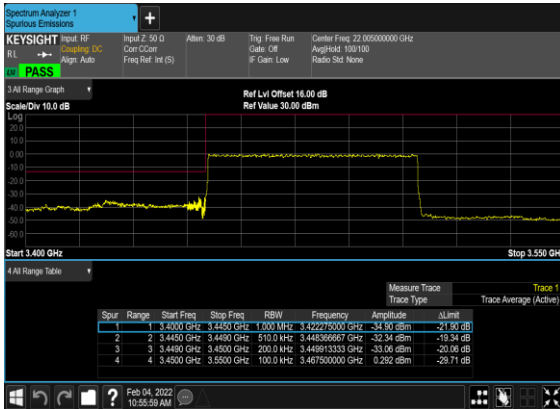
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



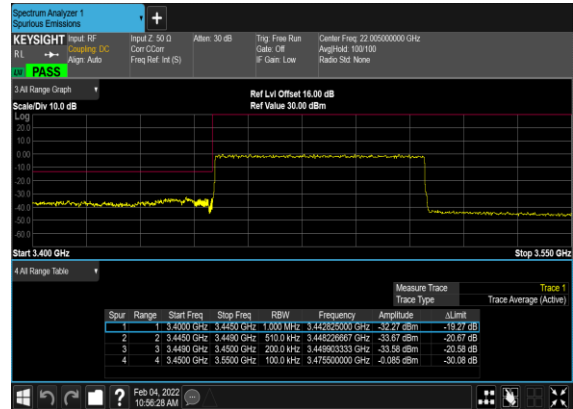
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



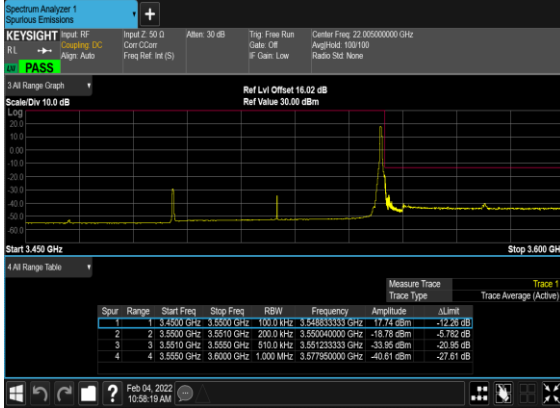
### N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



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



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



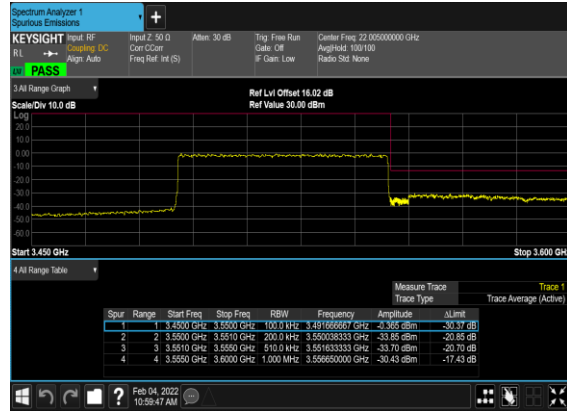
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



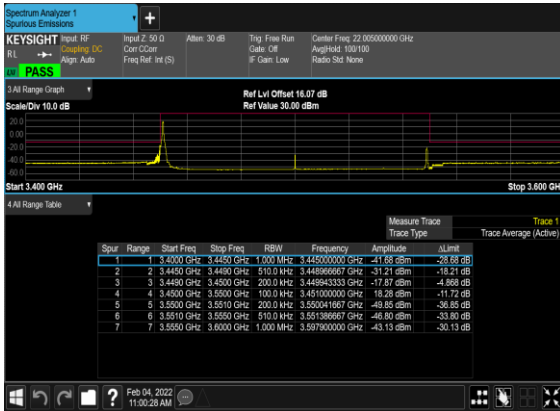
### N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



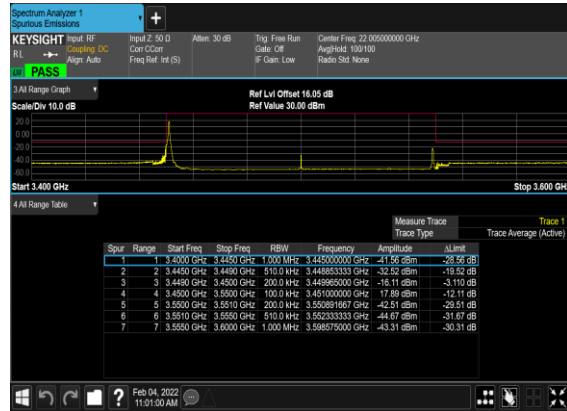
### N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



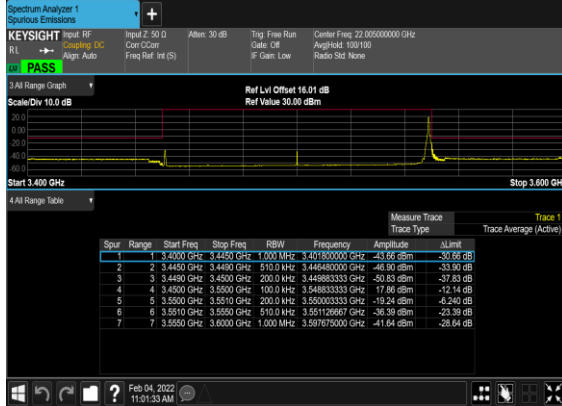
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



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



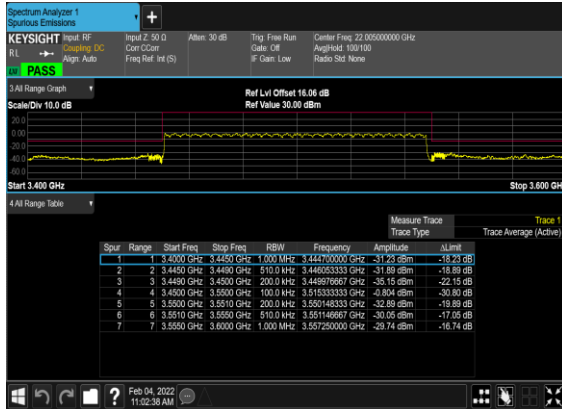
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



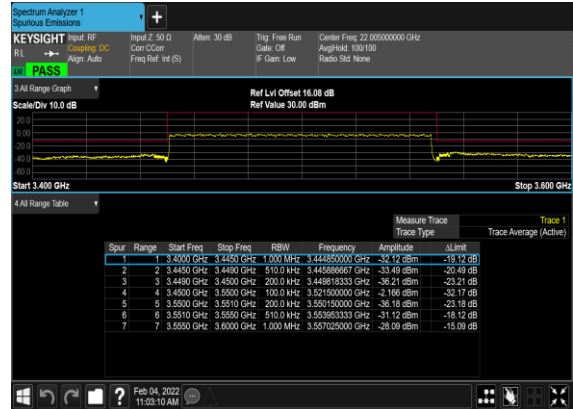
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



### 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

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

EN-DC_41A_n77A / LTE 20MHz + NR 100MHz / QPSK / ANT1(LTE) & ANT2(NR)								
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	6900	-57.70	-13	-44.70	-68.18	2.76	13.24	H
	10356	-43.00	-13	-30.00	-52.59	3.42	13.01	H
	13824	-64.47	-13	-51.47	-74.08	3.83	13.44	H
	6900	-55.88	-13	-42.88	-66.32	2.80	13.24	V
	10356	-45.09	-13	-32.09	-54.64	3.46	13.01	V
	13824	-64.42	-13	-51.42	-73.98	3.88	13.44	V

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

SA n78 / 100MHz / QPSK / ANT2								
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	6900	-53.26	-13	-40.26	-63.74	2.76	13.24	H
	10356	-49.62	-13	-36.62	-59.21	3.42	13.01	H
	13824	-60.83	-13	-47.83	-70.44	3.83	13.44	H
	6900	-57.03	-13	-44.03	-67.47	2.80	13.24	V
	10356	-57.12	-13	-44.12	-66.67	3.46	13.01	V
	13824	-60.61	-13	-47.61	-70.17	3.88	13.44	V

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





EN-DC_2A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2(NR)								
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	6900	-54.22	-13	-41.22	-64.70	2.76	13.24	H
	10356	-46.48	-13	-33.48	-56.07	3.42	13.01	H
	13824	-64.54	-13	-51.54	-74.15	3.83	13.44	H
	6900	-57.36	-13	-44.36	-67.80	2.80	13.24	V
	10356	-55.45	-13	-42.45	-65.00	3.46	13.01	V
	13824	-64.46	-13	-51.46	-74.02	3.88	13.44	V

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

EN-DC_7A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT5(LTE) & ANT2(NR)								
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	6900	-56.64	-13	-43.64	-67.12	2.76	13.24	H
	10356	-48.60	-13	-35.60	-58.19	3.42	13.01	H
	13824	-64.34	-13	-51.34	-73.95	3.83	13.44	H
	6900	-55.83	-13	-42.83	-66.27	2.80	13.24	V
	10356	-51.04	-13	-38.04	-60.59	3.46	13.01	V
	13824	-64.01	-13	-51.01	-73.57	3.88	13.44	V

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

EN-DC_41A_n78A / LTE 20MHz + NR 100MHz / QPSK / ANT1(LTE) & ANT2(NR)								
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	6900	-57.14	-13	-44.14	-67.62	2.76	13.24	H
	10356	-55.51	-13	-42.51	-65.10	3.42	13.01	H
	13824	-64.27	-13	-51.27	-73.88	3.83	13.44	H
	6900	-56.08	-13	-43.08	-66.52	2.80	13.24	V
	10356	-60.46	-13	-47.46	-70.01	3.46	13.01	V
	13824	-64.54	-13	-51.54	-74.10	3.88	13.44	V

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