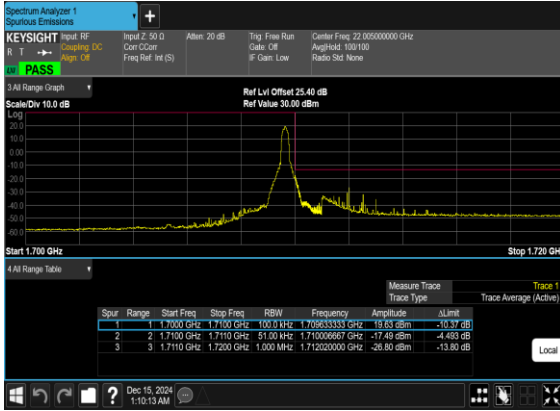
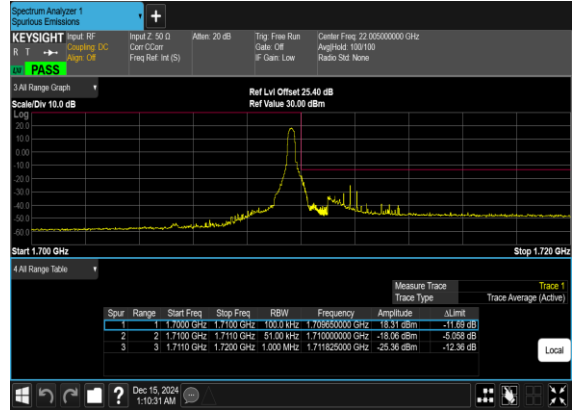




N70(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N70(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N70(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

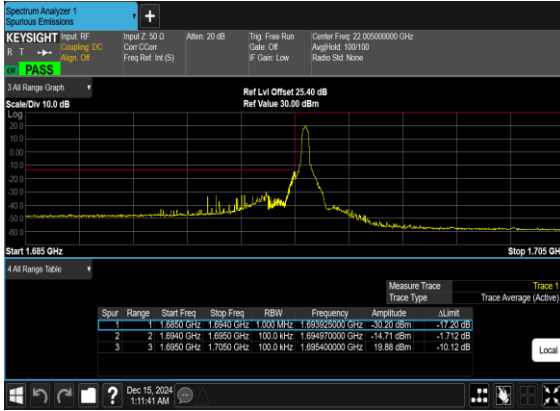


N70(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

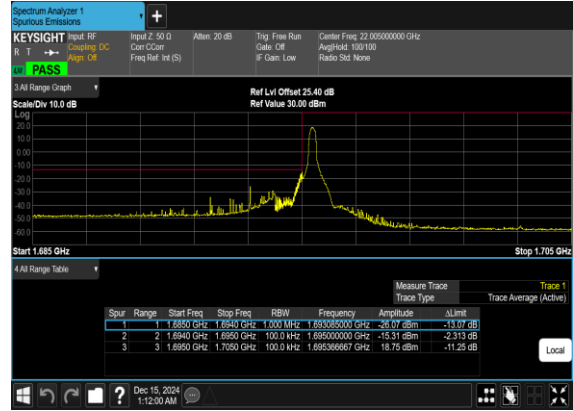




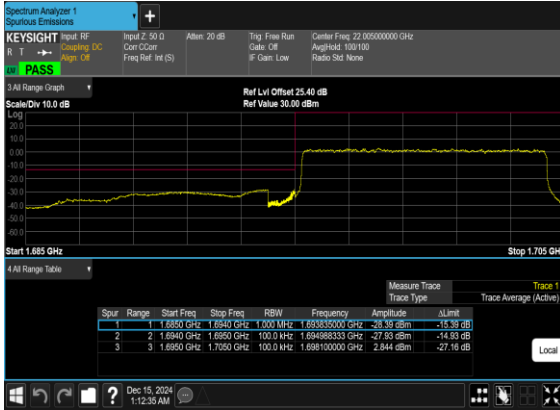
N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



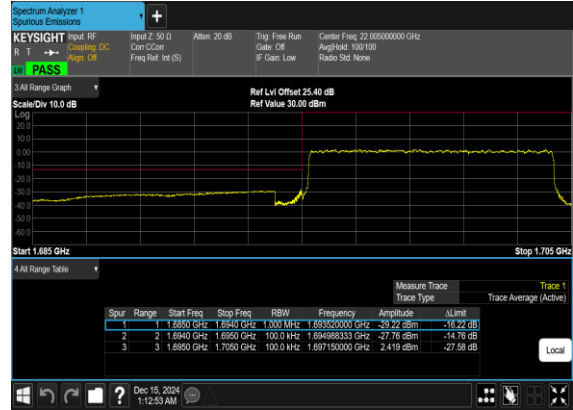
N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N70(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

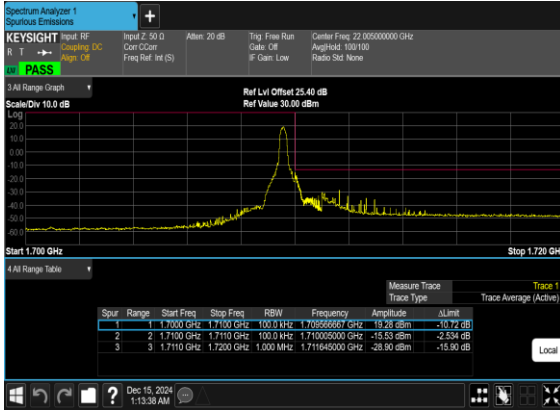


N70(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

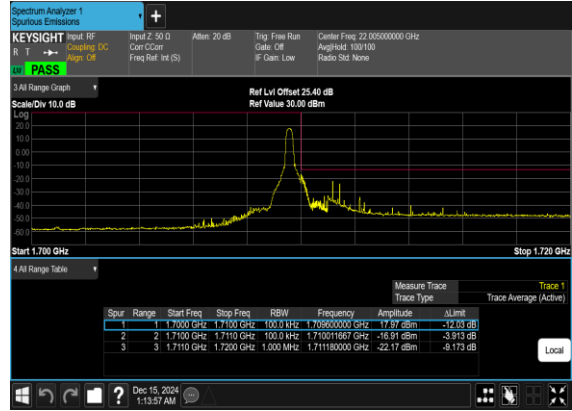




N70(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N70(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N70(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

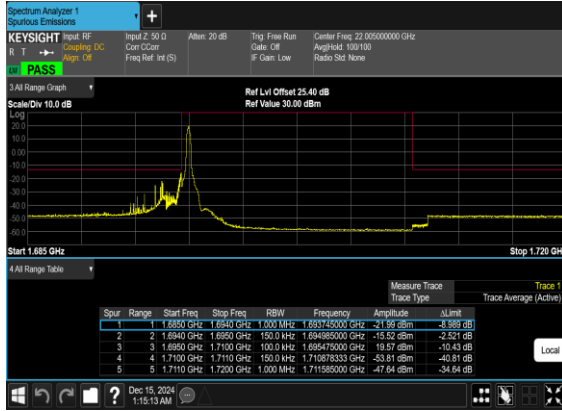


N70(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

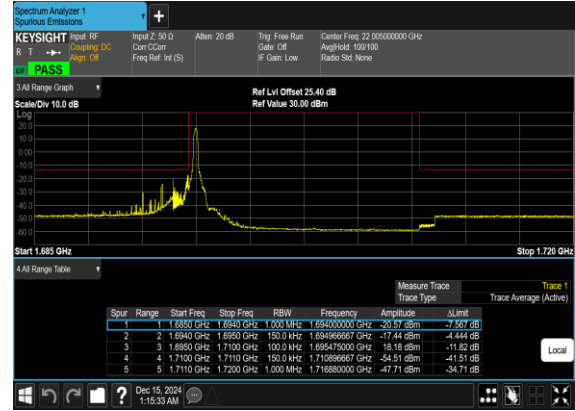




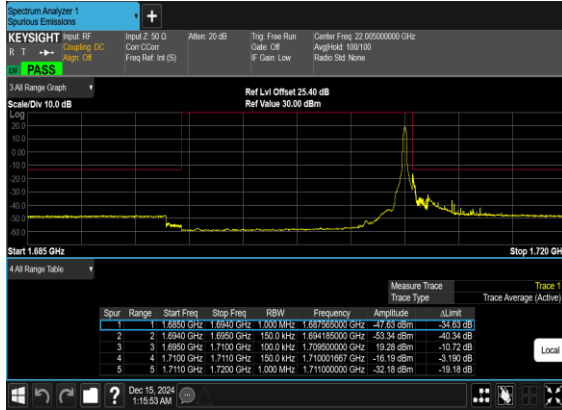
N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



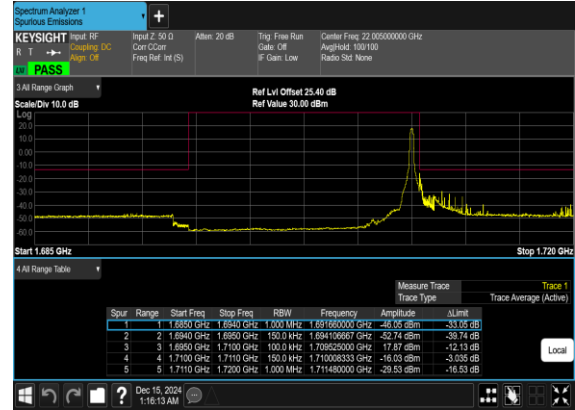
N70(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N70(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH

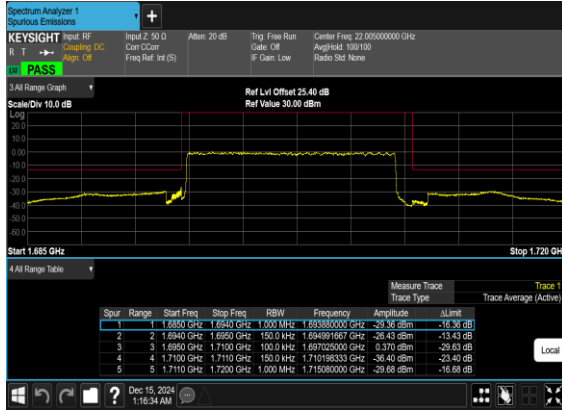


N70(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH

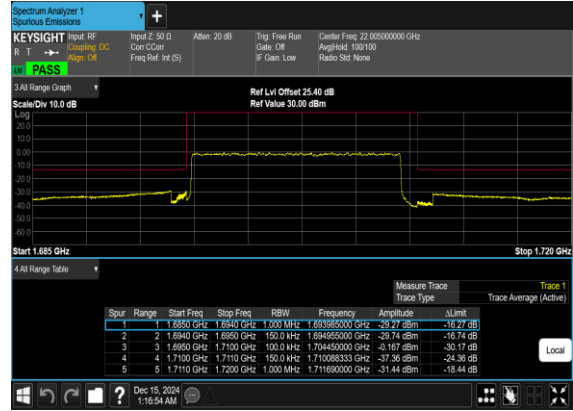




N70(15M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



N70(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25°C
		Relative Humidity :	51~53%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n25 SA / NR 40MHz / QPSK(ANT0) Main PA-open status								
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	3720	-55.90	-13	-42.90	-68.16	2.64	14.90	H
	5595	-47.05	-13	-34.05	-58.91	2.94	14.80	H
	7455	-55.47	-13	-42.47	-65.24	3.39	13.16	H
	3720	-57.95	-13	-44.95	-70.21	2.64	14.90	V
	5595	-44.65	-13	-31.65	-56.51	2.94	14.80	V
	7455	-55.74	-13	-42.74	-65.51	3.39	13.16	V

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

n25 SA / NR 40MHz / QPSK(ANT2) Main PA-closed status								
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	3720	-61.20	-13	-48.20	-73.46	2.64	14.90	H
	5595	-46.99	-13	-33.99	-58.85	2.94	14.80	H
	7455	-55.46	-13	-42.46	-65.23	3.39	13.16	H
	9315	-49.52	-13	-36.52	-60.00	4.00	14.48	H
	3720	-63.18	-13	-50.18	-75.44	2.64	14.90	V
	5595	-39.63	-13	-26.63	-51.49	2.94	14.80	V
	7455	-55.56	-13	-42.56	-65.33	3.39	13.16	V
	9315	-47.77	-13	-34.77	-58.25	4.00	14.48	V

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

n25 SA / NR 40MHz / QPSK(ANT1) Other PA-open status								
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	3720	-59.11	-13	-46.11	-71.37	2.64	14.90	H
	5595	-53.31	-13	-40.31	-65.17	2.94	14.80	H
	7455	-54.78	-13	-41.78	-64.55	3.39	13.16	H
	3720	-60.62	-13	-47.62	-72.88	2.64	14.90	V
	5595	-45.58	-13	-32.58	-57.44	2.94	14.80	V
	7455	-55.06	-13	-42.06	-64.83	3.39	13.16	V

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



n25 SA / NR 40MHz / QPSK(ANT3) Other PA-closed status								
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	3720	-61.78	-13	-48.78	-74.04	2.64	14.90	H
	5595	-49.33	-13	-36.33	-61.19	2.94	14.80	H
	7455	-55.11	-13	-42.11	-64.88	3.39	13.16	H
	3720	-63.28	-13	-50.28	-75.54	2.64	14.90	V
	5595	-45.14	-13	-32.14	-57.00	2.94	14.80	V
	7455	-54.95	-13	-41.95	-64.72	3.39	13.16	V

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

n25 UL MIMO SA / NR 40MHz / QPSK(ANT0+ANT1) -open status								
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	3735	-56.51	-13	-43.51	-68.77	2.64	14.90	H
	5595	-49.16	-13	-36.16	-61.02	2.94	14.80	H
	7455	-52.35	-13	-39.35	-62.12	3.39	13.16	H
	3735	-56.20	-13	-43.20	-68.46	2.64	14.90	V
	5595	-48.99	-13	-35.99	-60.85	2.94	14.80	V
	7455	-52.27	-13	-39.27	-62.04	3.39	13.16	V

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

n25 UL MIMO SA / NR 40MHz / QPSK(ANT2+ANT3) -closed status								
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	3735	-55.40	-13	-42.40	-67.66	2.64	14.90	H
	5595	-47.60	-13	-34.60	-59.46	2.94	14.80	H
	7455	-52.50	-13	-39.50	-62.27	3.39	13.16	H
	3735	-55.93	-13	-42.93	-68.19	2.64	14.90	V
	5595	-48.05	-13	-35.05	-59.91	2.94	14.80	V
	7455	-52.10	-13	-39.10	-61.87	3.39	13.16	V

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

EN-DC_7A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT0+1) -open status								
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	3720	-63.29	-13	-50.29	-75.55	2.64	14.90	H
	5595	-54.10	-13	-41.10	-65.96	2.94	14.80	H
	7455	-55.11	-13	-42.11	-64.88	3.39	13.16	H
	3720	-63.03	-13	-50.03	-75.29	2.64	14.90	V
	5595	-54.43	-13	-41.43	-66.29	2.94	14.80	V
	7455	-54.82	-13	-41.82	-64.59	3.39	13.16	V

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



n66 SA / NR 45MHz / QPSK(ANT0) Main PA/1st path-open status								
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	3450	-59.95	-13	-46.95	-70.69	2.604	13.34	H
	5175	-47.14	-13	-34.14	-57.65	3.011	13.52	H
	6900	-56.03	-13	-43.03	-66.23	3.271	13.47	H
	3450	-61.64	-13	-48.64	-72.38	2.604	13.34	V
	5175	-44.39	-13	-31.39	-54.90	3.011	13.52	V
	6900	-56.48	-13	-43.48	-66.68	3.271	13.47	V

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

n66 SA / NR 45MHz / QPSK(ANT2) Main PA/1st path -closed status								
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	3450	-66.73	-13	-53.73	-77.47	2.604	13.34	H
	5175	-46.35	-13	-33.35	-56.86	3.011	13.52	H
	6900	-55.90	-13	-42.90	-66.10	3.271	13.47	H
	3450	-66.12	-13	-53.12	-76.86	2.604	13.34	V
	5175	-47.28	-13	-34.28	-57.79	3.011	13.52	V
	6900	-56.54	-13	-43.54	-66.74	3.271	13.47	V

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

n66 SA / NR 45MHz / QPSK(ANT1) Other PA/1st path -open status								
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	3450	-65.08	-13	-52.08	-75.82	2.604	13.34	H
	5175	-49.17	-13	-36.17	-59.68	3.011	13.52	H
	6900	-55.60	-13	-42.60	-65.80	3.271	13.47	H
	3450	-67.21	-13	-54.21	-77.95	2.604	13.34	V
	5175	-52.91	-13	-39.91	-63.42	3.011	13.52	V
	6900	-55.80	-13	-42.80	-66.00	3.271	13.47	V

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

n66 SA / NR 45MHz / QPSK(ANT3) Other PA/1st path -closed status								
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	3450	-66.64	-13	-53.64	-77.38	2.604	13.34	H
	5175	-54.32	-13	-41.32	-64.83	3.011	13.52	H
	6900	-55.06	-13	-42.06	-65.26	3.271	13.47	H
	3450	-65.01	-13	-52.01	-75.75	2.604	13.34	V
	5175	-53.40	-13	-40.40	-63.91	3.011	13.52	V
	6900	-55.74	-13	-42.74	-65.94	3.271	13.47	V

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



n66 UL MIMO SA / NR 45MHz / QPSK(ANT0+ANT1) -open status								
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	3450	-56.29	-13	-43.29	-67.03	2.604	13.34	H
	5175	-50.53	-13	-37.53	-61.04	3.011	13.52	H
	6900	-55.02	-13	-42.02	-65.22	3.271	13.47	H
	3450	-57.57	-13	-44.57	-68.31	2.604	13.34	V
	5175	-48.90	-13	-35.90	-59.41	3.011	13.52	V
	6900	-54.77	-13	-41.77	-64.97	3.271	13.47	V

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

n66 UL MIMO SA / NR 45MHz / QPSK(ANT2+ANT3) -closed status								
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	3450	-55.00	-13	-42.00	-65.74	2.604	13.34	H
	5175	-49.75	-13	-36.75	-60.26	3.011	13.52	H
	6900	-55.27	-13	-42.27	-65.47	3.271	13.47	H
	3450	-56.08	-13	-43.08	-66.82	2.604	13.34	V
	5175	-48.55	-13	-35.55	-59.06	3.011	13.52	V
	6900	-54.06	-13	-41.06	-64.26	3.271	13.47	V

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

EN-DC_48A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT5+0) -open status								
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	3450	-67.29	-13	-54.29	-78.03	2.604	13.34	H
	5175	-63.45	-13	-50.45	-73.96	3.011	13.52	H
	6915	-62.06	-13	-49.06	-72.26	3.271	13.47	H
	3450	-67.49	-13	-54.49	-78.23	2.604	13.34	V
	5175	-63.62	-13	-50.62	-74.13	3.011	13.52	V
	6915	-62.00	-13	-49.00	-72.20	3.271	13.47	V

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

n70 SA / NR 15MHz / QPSK(ANT0) Main PA-open status								
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	3390	-67.12	-13	-54.12	-77.86	2.604	13.34	H
	5085	-44.87	-13	-31.87	-55.38	3.011	13.52	H
	6780	-56.69	-13	-43.69	-66.89	3.271	13.47	H
	3390	-66.28	-13	-53.28	-77.02	2.604	13.34	V
	5085	-40.79	-13	-27.79	-51.30	3.011	13.52	V
	6780	-56.90	-13	-43.90	-67.10	3.271	13.47	V

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



n70 SA / NR 15MHz / QPSK(ANT2) Main PA -closed status								
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	3390	-66.55	-13	-53.55	-77.29	2.604	13.34	H
	5085	-51.88	-13	-38.88	-62.39	3.011	13.52	H
	6780	-56.82	-13	-43.82	-67.02	3.271	13.47	H
	3390	-65.38	-13	-52.38	-76.12	2.604	13.34	V
	5085	-46.34	-13	-33.34	-56.85	3.011	13.52	V
	6780	-57.12	-13	-44.12	-67.32	3.271	13.47	V

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

n70 SA / NR 15MHz / QPSK(ANT1) Other PA-open status								
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	3390	-68.39	-13	-55.39	-79.13	2.604	13.34	H
	5085	-56.56	-13	-43.56	-67.07	3.011	13.52	H
	6780	-56.78	-13	-43.78	-66.98	3.271	13.47	H
	3390	-68.27	-13	-55.27	-79.01	2.604	13.34	V
	5085	-56.40	-13	-43.40	-66.91	3.011	13.52	V
	6780	-56.97	-13	-43.97	-67.17	3.271	13.47	V

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

n70 SA / NR 15MHz / QPSK(ANT3) Other PA -closed status								
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	3390	-67.00	-13	-54.00	-77.74	2.604	13.34	H
	5085	-58.04	-13	-45.04	-68.55	3.011	13.52	H
	6780	-56.49	-13	-43.49	-66.69	3.271	13.47	H
	3390	-68.05	-13	-55.05	-78.79	2.604	13.34	V
	5085	-59.36	-13	-46.36	-69.87	3.011	13.52	V
	6780	-56.53	-13	-43.53	-66.73	3.271	13.47	V

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