



NR n41 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7598.28	-56.67	4.20	12.20	Horizontal	-48.67	-13.00	35.67	135
3	11397.42	-49.49	5.90	11.90	Horizontal	-43.49	-13.00	30.49	0
4	15196.56	-51.58	5.80	13.10	Horizontal	-44.28	-13.00	31.28	90
5	18995.70		--	--	--	--	--	--	--
6	22794.84	--	--	--	--	--	--	--	--
7	26593.98	--	--	--	--	--	--	--	--
8	30393.12	--	--	--	--	--	--	--	--
9	34192.26	--	--	--	--	--	--	--	--
10	37991.40	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

NR n41 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.98	-64.13	3.20	12.50	Vertical	-54.83	-25.00	29.83	45
3	7778.97	-55.65	4.40	12.30	Vertical	-47.75	-25.00	22.75	90
4	10371.96	-52.25	4.70	11.80	Vertical	-45.15	-25.00	20.15	90
5	12964.95	-52.76	5.40	14.00	Vertical	-44.16	-25.00	19.16	45
6	15557.94	-55.58	6.10	16.80	Vertical	-44.88	-25.00	19.88	180
7	18150.93		--	--	--	--	--	--	--
8	20743.92	--	--	--	--	--	--	--	--
9	23336.91	--	--	--	--	--	--	--	--
10	25929.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.



NR n66 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3490.00	-66.43	2.70	12.70	Vertical	-56.43	-13.00	43.43	180
3	5235.50	-64.22	3.20	12.50	Vertical	-54.92	-13.00	41.92	0
4	6980.20	-48.04	4.20	11.80	Vertical	-40.44	-13.00	27.44	0
5	8725.00	-54.82	4.40	12.50	Vertical	-46.72	-13.00	33.72	45
6	10470.00	-51.58	4.70	11.80	Vertical	-44.48	-13.00	31.48	90
7	12215.00	-52.02	5.20	13.80	Vertical	-43.42	-13.00	30.42	45
8	13960.00	-50.38	5.70	13.20	Vertical	-42.88	-13.00	29.88	315
9	15705.00	-56.02	6.10	16.80	Vertical	-45.32	-13.00	32.32	0
10	17450.00	-48.04	6.10	14.20	Vertical	-39.94	-13.00	26.94	90

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n66 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3490.00	-67.70	2.70	12.70	Vertical	-57.70	-13.00	44.70	180
3	5235.00	-66.06	3.20	12.50	Vertical	-56.76	-13.00	43.76	0
4	6980.00	-61.68	4.20	11.80	Vertical	-54.08	-13.00	41.08	0
5	8725.00	-56.88	4.40	12.50	Vertical	-48.78	-13.00	35.78	45
6	10470.00	-51.89	4.70	11.80	Vertical	-44.79	-13.00	31.79	270
7	12215.00	-53.69	5.20	13.80	Vertical	-45.09	-13.00	32.09	45
8	13960.00	-50.33	5.70	13.20	Vertical	-42.83	-13.00	29.83	90
9	15705.00	-56.32	6.10	16.80	Vertical	-45.62	-13.00	32.62	0
10	17450.00	-49.32	6.10	14.20	Vertical	-41.22	-13.00	28.22	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.



NR n66 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3490.00	-66.91	2.70	12.70	Vertical	-56.91	-13.00	43.91	45
3	5235.00	-62.92	3.20	12.50	Vertical	-53.62	-13.00	40.62	135
4	6980.00	-50.37	4.20	11.80	Vertical	-42.77	-13.00	29.77	90
5	8725.00	-54.13	4.40	12.50	Vertical	-46.03	-13.00	33.03	0
6	10470.00	-50.98	4.70	11.80	Vertical	-43.88	-13.00	30.88	45
7	12215.00	-52.21	5.20	13.80	Vertical	-43.61	-13.00	30.61	90
8	13960.00	-47.64	5.70	13.20	Vertical	-40.14	-13.00	27.14	0
9	15705.00	-55.82	6.10	16.80	Vertical	-45.12	-13.00	32.12	90
10	17450.00	-48.01	6.10	14.20	Vertical	-39.91	-13.00	26.91	135

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

NRn 77 subset 1 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7018.38	-56.83	4.20	12.20	Vertical	-48.83	-13.00	35.83	180
3	10527.57	-48.93	5.90	11.90	Vertical	-42.93	-13.00	29.93	225
4	14036.76	-48.89	5.80	13.10	Vertical	-41.59	-13.00	28.59	45
5	17545.95	-47.90	6.10	14.20	Vertical	-39.80	-13.00	26.80	90
6	21055.14	--	--	--	--	--	--	--	--
7	24564.33	--	--	--	--	--	--	--	--
8	28073.52	--	--	--	--	--	--	--	--
9	31582.71	--	--	--	--	--	--	--	--
10	35091.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.



NRn 77 subset 1 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7018.38	-58.94	4.20	12.20	Vertical	-50.94	-13.00	37.94	45
3	10527.57	-51.69	5.90	11.90	Vertical	-45.69	-13.00	32.69	180
4	14036.76	-49.82	5.80	13.10	Vertical	-42.52	-13.00	29.52	90
5	17545.95	-49.60	6.10	14.20	Vertical	-41.50	-13.00	28.50	270
6	21055.14	--	--	--	--	--	--	--	--
7	24564.33	--	--	--	--	--	--	--	--
8	28073.52	--	--	--	--	--	--	--	--
9	31582.71	--	--	--	--	--	--	--	--
10	35091.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NRn 77 subset 1 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7098.30	-57.64	4.20	12.20	Vertical	-49.64	-13.00	36.64	45
3	10647.45	-48.91	5.90	11.90	Vertical	-42.91	-13.00	29.91	135
4	14196.60	-48.23	5.80	13.10	Vertical	-40.93	-13.00	27.93	90
5	17745.75	-48.95	6.10	14.20	Vertical	-40.85	-13.00	27.85	180
6	21294.90	--	--	--	--	--	--	--	--
7	24844.05	--	--	--	--	--	--	--	--
8	28393.20	--	--	--	--	--	--	--	--
9	31942.35	--	--	--	--	--	--	--	--
10	35491.50	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.



NRn 77 subset 2 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7698.36	-58.17	4.20	12.20	Vertical	-50.17	-13.00	37.17	180
3	11547.54	-54.81	5.90	11.90	Vertical	-48.81	-13.00	35.81	90
4	15396.72	-52.56	5.80	13.10	Vertical	-45.26	-13.00	32.26	270
5	19245.90	--	--	--	--	--	--	--	--
6	23095.08	--	--	--	--	--	--	--	--
7	26944.26	--	--	--	--	--	--	--	--
8	30793.44	--	--	--	--	--	--	--	--
9	34642.62	--	--	--	--	--	--	--	--
10	38491.80	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NRn 77 subset 2 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7698.36	-57.88	4.20	12.20	Vertical	-49.88	-13.00	36.88	45
3	11547.54	-50.47	5.90	11.90	Vertical	-44.47	-13.00	31.47	270
4	15396.72	-52.88	5.80	13.10	Vertical	-45.58	-13.00	32.58	45
5	19245.90	--	--	--	--	--	--	--	--
6	23095.08	--	--	--	--	--	--	--	--
7	26944.26	--	--	--	--	--	--	--	--
8	30793.44	--	--	--	--	--	--	--	--
9	34642.62	--	--	--	--	--	--	--	--
10	38491.80	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.



NRn 77 subset 2 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7778.28	-56.63	4.20	12.20	Vertical	-48.63	-13.00	35.63	45
3	11667.42	-49.14	5.90	11.90	Vertical	-43.14	-13.00	30.14	270
4	15556.56	-52.76	5.80	13.10	Vertical	-45.46	-13.00	32.46	180
5	19445.70		--	--	--	--	--	--	--
6	23334.84	--	--	--	--	--	--	--	--
7	27223.98	--	--	--	--	--	--	--	--
8	31113.12	--	--	--	--	--	--	--	--
9	35002.26	--	--	--	--	--	--	--	--
10	38891.40	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

**Fourth Antenna**

NR n41 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5184.60	-63.83	3.20	12.50	Horizontal	-54.53	-25.00	29.53	180
3	7778.97	-57.56	4.40	12.30	Horizontal	-49.66	-25.00	24.66	225
4	10371.96	-53.19	4.70	11.80	Horizontal	-46.09	-25.00	21.09	90
5	11280.00	-50.29	5.40	14.00	Horizontal	-41.69	-25.00	16.69	45
6	15557.94	-54.32	6.10	16.80	Horizontal	-43.62	-25.00	18.62	180
7	18150.93		--	--	--	--	--	--	--
8	20743.92	--	--	--	--	--	--	--	--
9	23336.91	--	--	--	--	--	--	--	--
10	25929.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

NR n41 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.98	-65.26	3.20	12.50	Horizontal	-55.96	-25.00	30.96	45
3	7778.97	-58.22	4.40	12.30	Horizontal	-50.32	-25.00	25.32	90
4	10371.96	-53.10	4.70	11.80	Horizontal	-46.00	-25.00	21.00	90
5	12964.95	-54.99	5.40	14.00	Horizontal	-46.39	-25.00	21.39	45
6	15557.94	-57.81	6.10	16.80	Horizontal	-47.11	-25.00	22.11	180
7	18150.93		--	--	--	--	--	--	--
8	20743.92	--	--	--	--	--	--	--	--
9	23336.91	--	--	--	--	--	--	--	--
10	25929.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.



NR n41 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5184.60	-63.09	3.20	12.50	Horizontal	-53.79	-25.00	28.79	45
3	7778.97	-56.89	4.40	12.30	Horizontal	-48.99	-25.00	23.99	90
4	10371.96	-53.22	4.70	11.80	Horizontal	-46.12	-25.00	21.12	90
5	12964.95	-52.64	5.40	14.00	Horizontal	-44.04	-25.00	19.04	45
6	15557.94	-55.50	6.10	16.80	Horizontal	-44.80	-25.00	19.80	180
7	18150.93		--	--	--	--	--	--	--
8	20743.92	--	--	--	--	--	--	--	--
9	23336.91	--	--	--	--	--	--	--	--
10	25929.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

NRn 77 subset 1 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7018.38	-59.04	4.20	12.20	Horizontal	-51.04	-13.00	38.04	180
3	10527.57	-52.41	5.90	11.90	Horizontal	-46.41	-13.00	33.41	225
4	14036.76	-50.58	5.80	13.10	Horizontal	-43.28	-13.00	30.28	45
5	17545.95	-51.32	6.10	14.20	Horizontal	-43.22	-13.00	30.22	90
6	21055.14	--	--	--	--	--	--	--	--
7	24564.33	--	--	--	--	--	--	--	--
8	28073.52	--	--	--	--	--	--	--	--
9	31582.71	--	--	--	--	--	--	--	--
10	35091.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.



NRn 77 subset 1 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7018.38	-58.36	4.20	12.20	Horizontal	-50.36	-13.00	37.36	45
3	10527.57	-52.26	5.90	11.90	Horizontal	-46.26	-13.00	33.26	135
4	14036.76	-52.10	5.80	13.10	Horizontal	-44.80	-13.00	31.80	90
5	17545.95	-50.73	6.10	14.20	Horizontal	-42.63	-13.00	29.63	180
6	21055.14	--	--	--	--	--	--	--	--
7	24564.33	--	--	--	--	--	--	--	--
8	28073.52	--	--	--	--	--	--	--	--
9	31582.71	--	--	--	--	--	--	--	--
10	35091.90	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

NRn 77 subset 1 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7098.30	-58.98	4.20	12.20	Horizontal	-50.98	-13.00	37.98	45
3	10647.45	-51.28	5.90	11.90	Horizontal	-45.28	-13.00	32.28	135
4	14196.60	-49.43	5.80	13.10	Horizontal	-42.13	-13.00	29.13	90
5	17745.75	-51.15	6.10	14.20	Horizontal	-43.05	-13.00	30.05	180
6	21294.90	--	--	--	--	--	--	--	--
7	24844.05	--	--	--	--	--	--	--	--
8	28393.20	--	--	--	--	--	--	--	--
9	31942.35	--	--	--	--	--	--	--	--
10	35491.50	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.



NRn 77 subset 2 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7698.36	-58.94	4.20	12.20	Horizontal	-50.94	-13.00	37.94	180
3	11547.54	-51.08	5.90	11.90	Horizontal	-45.08	-13.00	32.08	90
4	15396.72	-54.53	5.80	13.10	Horizontal	-47.23	-13.00	34.23	270
5	19245.90	--	--	--	--	--	--	--	--
6	23095.08	--	--	--	--	--	--	--	--
7	26944.26	--	--	--	--	--	--	--	--
8	30793.44	--	--	--	--	--	--	--	--
9	34642.62	--	--	--	--	--	--	--	--
10	38491.80	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

NRn 77 subset 2 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7698.36	-58.36	4.20	12.20	Horizontal	-50.36	-13.00	37.36	180
3	11547.54	-50.59	5.90	11.90	Horizontal	-44.59	-13.00	31.59	90
4	15396.72	-52.53	5.80	13.10	Horizontal	-45.23	-13.00	32.23	270
5	19245.90	--	--	--	--	--	--	--	--
6	23095.08	--	--	--	--	--	--	--	--
7	26944.26	--	--	--	--	--	--	--	--
8	30793.44	--	--	--	--	--	--	--	--
9	34642.62	--	--	--	--	--	--	--	--
10	38491.80	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.



NRn 77 subset 2 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7778.28	-59.63	4.20	12.20	Horizontal	-51.63	-13.00	38.63	45
3	11667.42	-50.27	5.90	11.90	Horizontal	-44.27	-13.00	31.27	270
4	15556.56	-54.87	5.80	13.10	Horizontal	-47.57	-13.00	34.57	180
5	19445.70		--	--	--	--	--	--	--
6	23334.84	--	--	--	--	--	--	--	--
7	27223.98	--	--	--	--	--	--	--	--
8	31113.12	--	--	--	--	--	--	--	--
9	35002.26	--	--	--	--	--	--	--	--
10	38891.40	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.



7 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Communication tester	Anritsu	MT8821C	6201538758	2021-05-15	2022-05-14
				2022-05-15	2023-05-14
Climate Chamber	ESPEC	SU-242	93000506	2021-12-12	2022-12-11
Universal Radio Communication Tester	R&S	CMW500	150415	2021-05-15	2022-05-14
				2022-05-15	2023-05-14
Spectrum Analyzer	Keysight	N9020A	MY54420163	2021-12-12	2022-12-11
Universal Radio Communication Tester	StarPoint	SP9500	SP9500-20440	2021-05-15	2022-05-14
				2022-05-15	2023-05-14
Spectrum Analyzer	R&S	FSV40	101297	2021-12-12	2022-12-11
Signal Analyzer	R&S	FSV3030	101411	2021-12-12	2022-12-11
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	01111	2019-09-12	2022-09-11
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Horn Antenna	ETS-Lindgren	3160-09	00102643	2021-10-10	2024-10-09
Horn Antenna	STEATITE	QSH-SL-26-40-K-15	16779	2019-12-24	2022-12-23
Software	R&S	EMC32	10.35.10	/	/

*****END OF REPORT *****



ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.



ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.