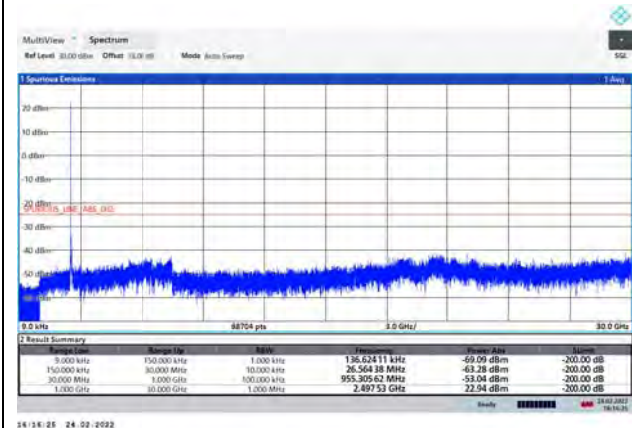
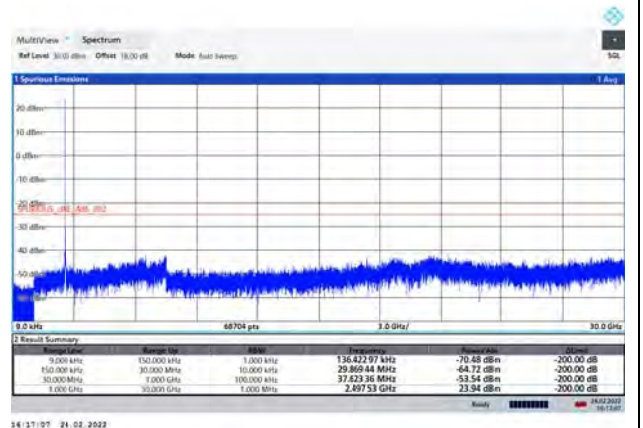




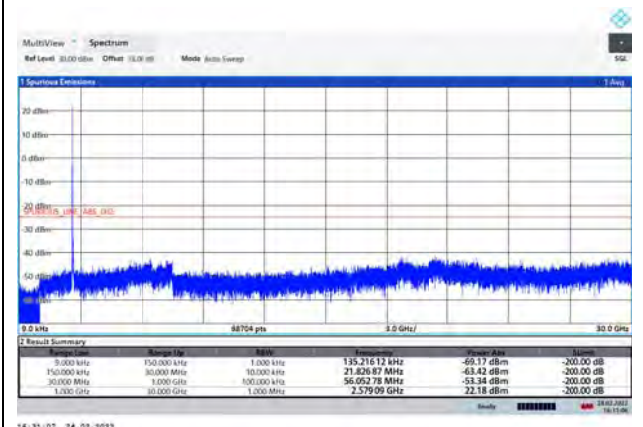
DC_66A_n41A P1/2 BPSK 30MHz CH-Low 9kHz~30GHz



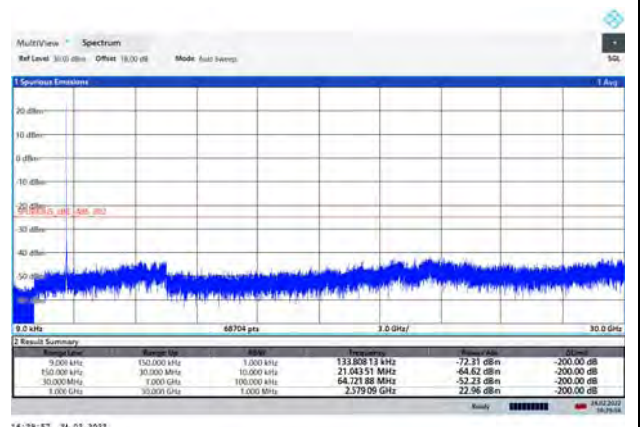
DC_66A_n41A QPSK 30MHz CH-Low 9kHz~30GHz



DC_66A_n41A P1/2 BPSK 30MHz CH-Middle 9kHz~30GHz



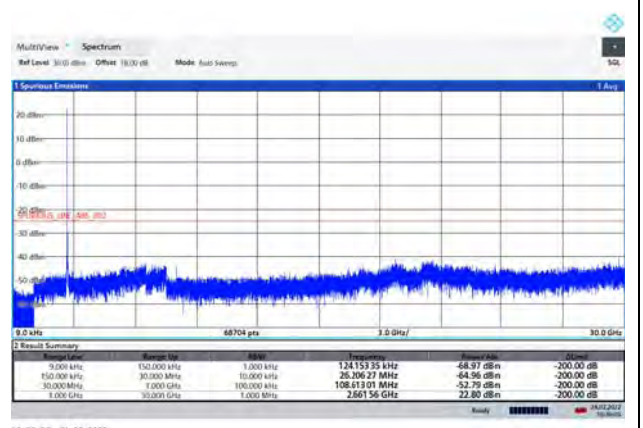
DC_66A_n41A QPSK 30MHz CH-Middle 9kHz~30GHz



DC_66A_n41A P1/2 BPSK 30MHz CH-High 9kHz~30GHz

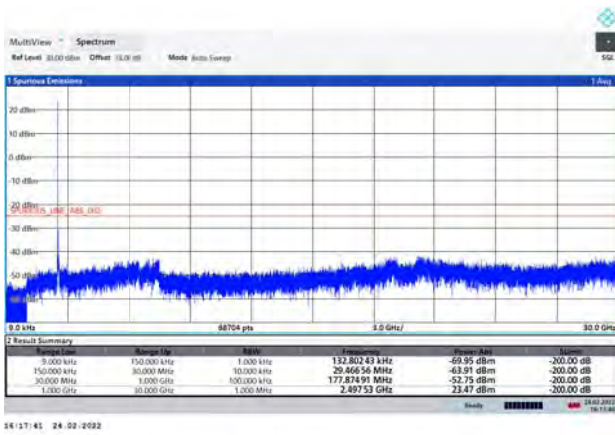


DC_66A_n41A QPSK 30MHz CH-High 9kHz~30GHz

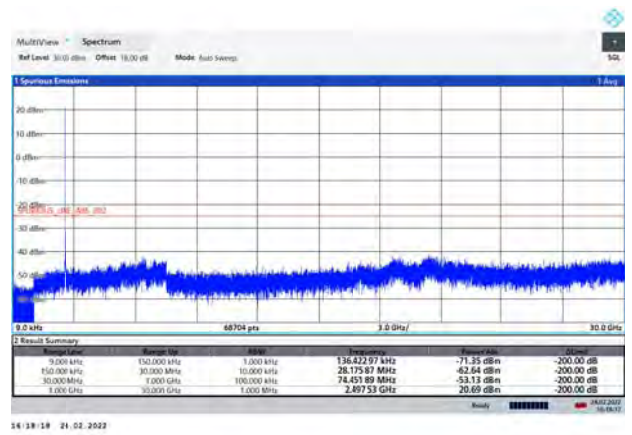




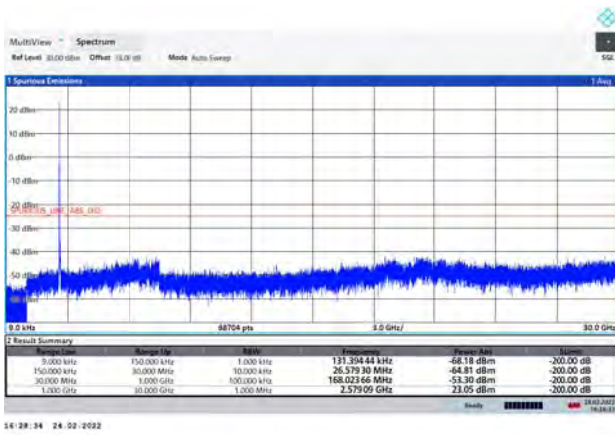
DC_66A_n41A 16QAM 30MHz CH-Low 9kHz~30GHz



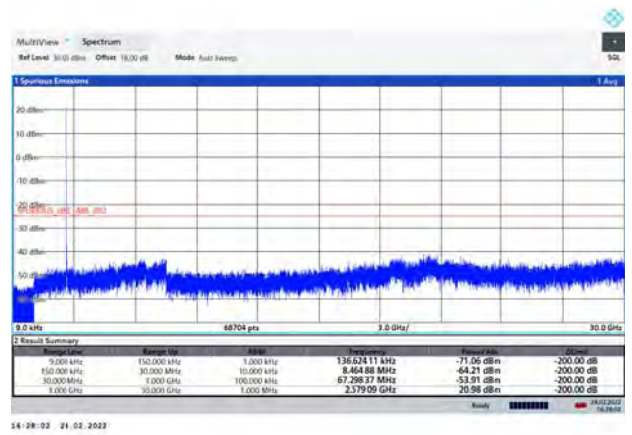
DC_66A_n41A 64QAM 30MHz CH-Low 9kHz~30GHz



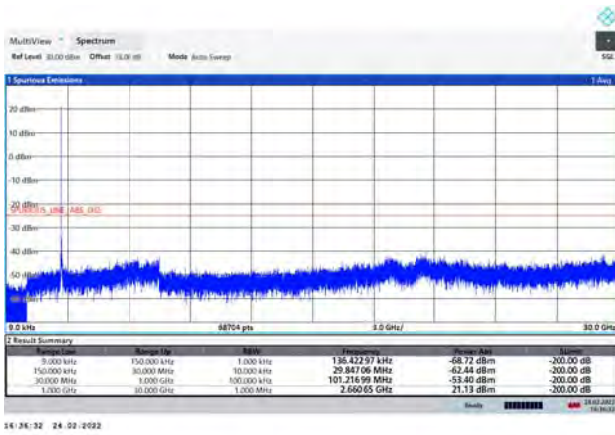
DC_66A_n41A 16QAM 30MHz CH-Middle 9kHz~30GHz



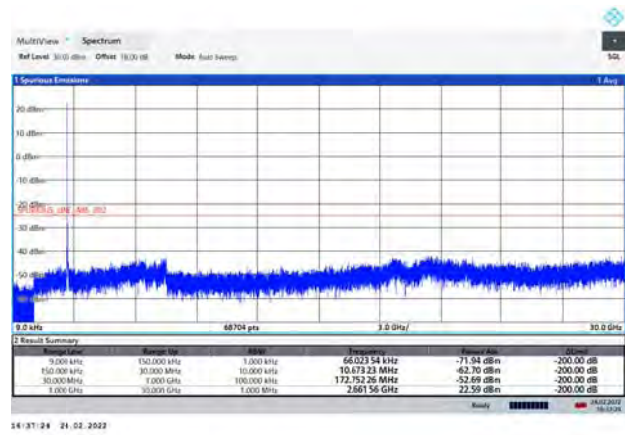
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DC_66A_n41A 16QAM 30MHz CH-High 9kHz~30GHz

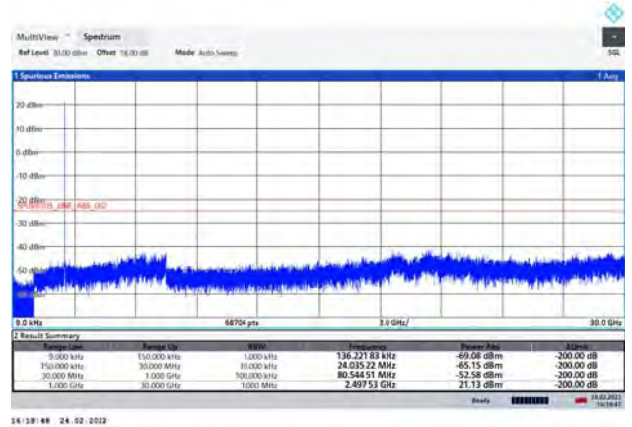


DC_66A_n41A 64QAM 30MHz CH-High 9kHz~30GHz



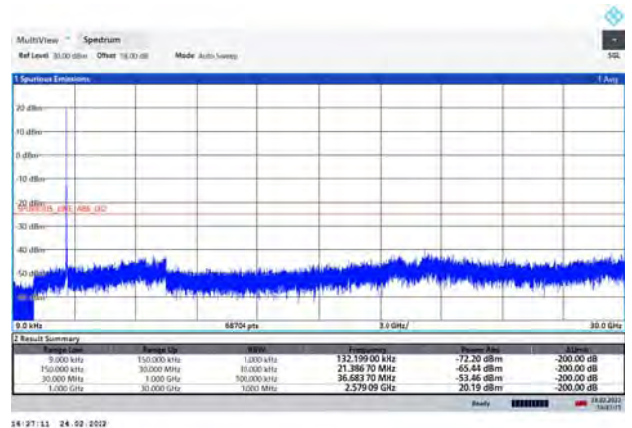


DC_66A_n41A 256QAM 30MHz CH-Low 9kHz~30GHz



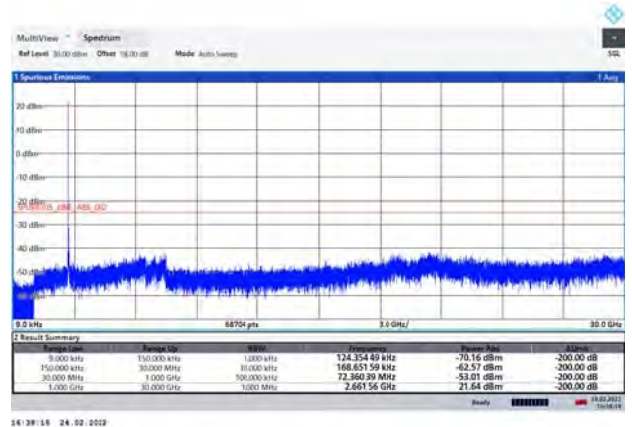
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DC_66A_n41A 256QAM 30MHz CH-Middle 9kHz~30GHz



14:27:11 24.02.2012

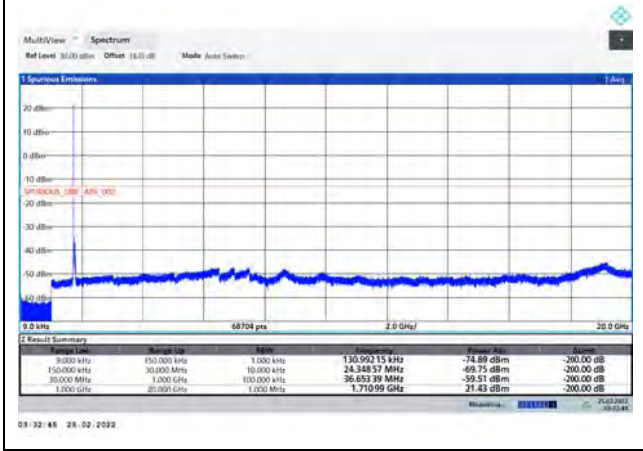
DC_66A_n41A 256QAM 30MHz CH-High 9kHz~30GHz



14:39:15 24.02.2012



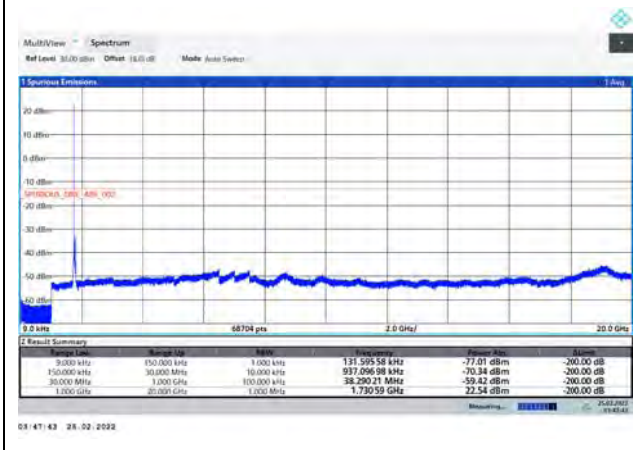
NR n66 P1/2 BPSK 20MHz CH-Low 9kHz~20GHz



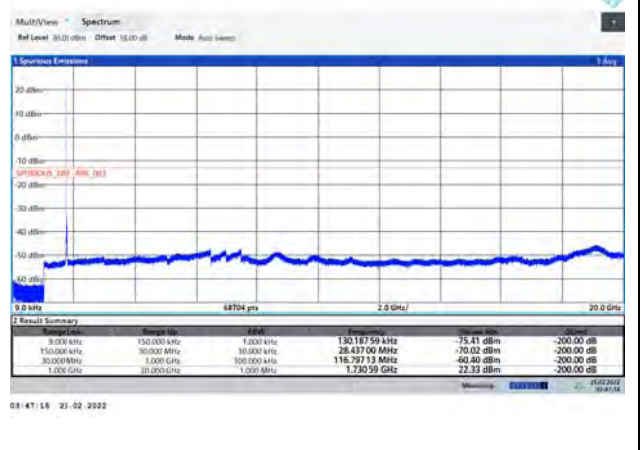
NR n66 QPSK 20MHz CH-Low 9kHz~20GHz



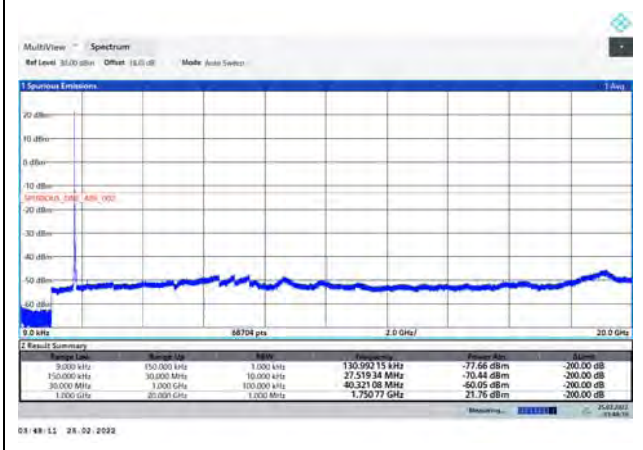
NR n66 P1/2 BPSK 20MHz CH-Middle 9kHz~20GHz



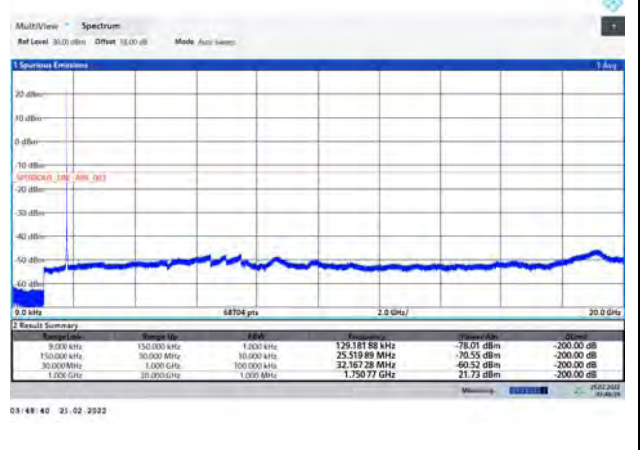
NR n66 QPSK 20MHz CH-Middle 9kHz~20GHz



NR n66 P1/2 BPSK 20MHz CH-High 9kHz~20GHz



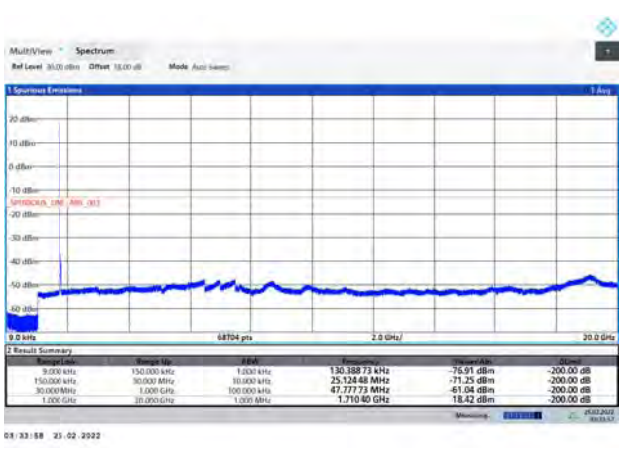
NR n66 QPSK 20MHz CH-High 9kHz~20GHz





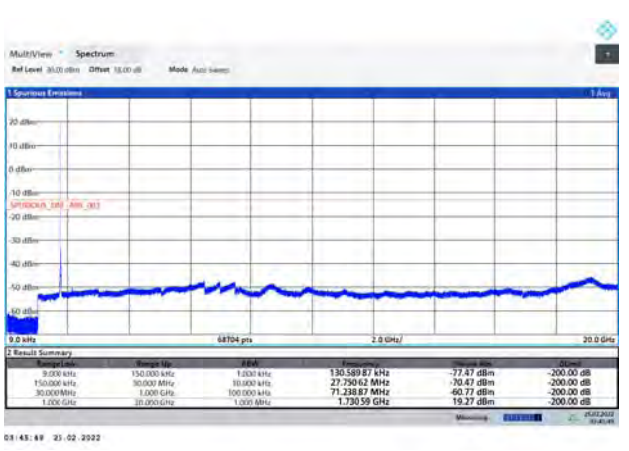
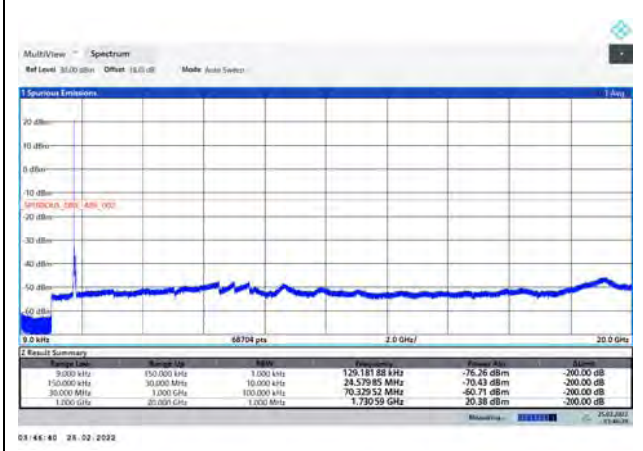
NR n66 16QAM 20MHz CH-Low 9kHz~20GHz

NR n66 64QAM 20MHz CH-Low 9kHz~20GHz



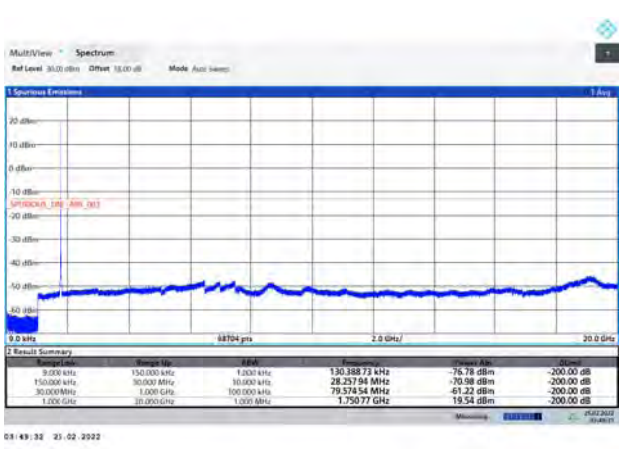
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NR n66 64QAM 20MHz CH-Middle 9kHz~20GHz



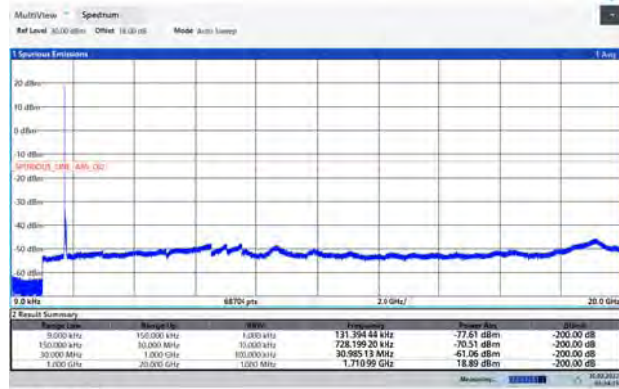
NR n66 16QAM 20MHz CH-High 9kHz~20GHz

NR n66 64QAM 20MHz CH-High 9kHz~20GHz





NR n66 256QAM 20MHz CH-Low 9kHz~20GHz



01:34:28 25.02.2012

NR n66 256QAM 20MHz CH-Middle 9kHz~20GHz



01:34:50 25.02.2012

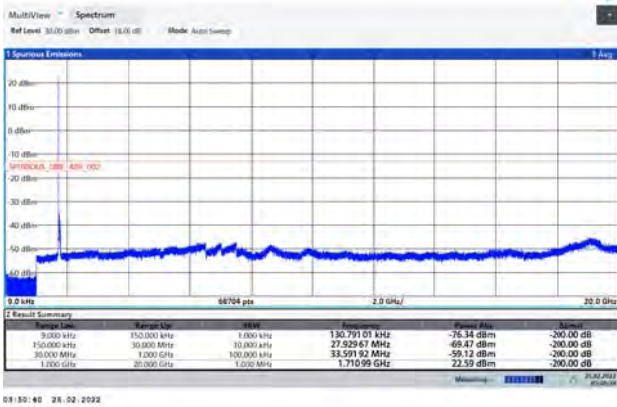
NR n66 256QAM 20MHz CH-High 9kHz~20GHz



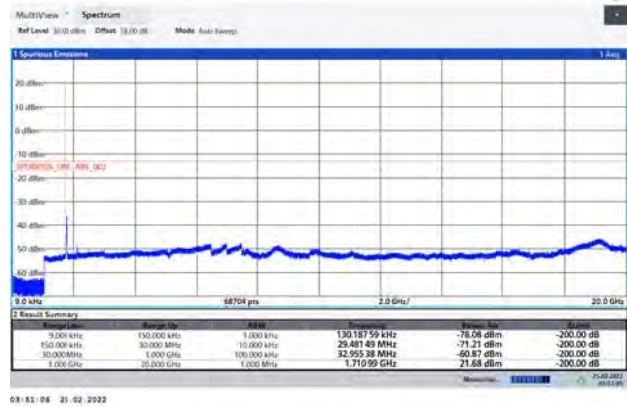
01:49:58 25.02.2012



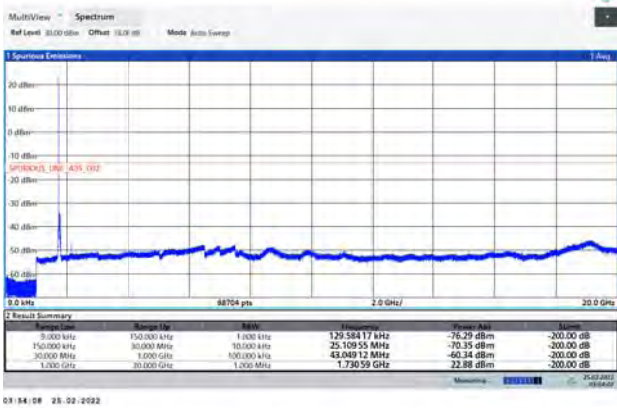
DC_5A_n66A P1/2 BPSK 20MHz CH-Low 9kHz~20GHz



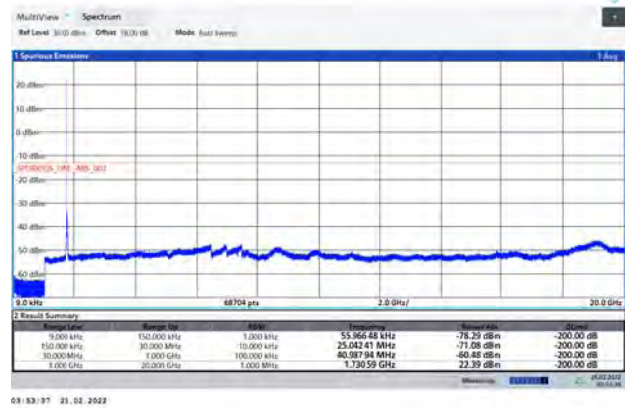
DC_5A_n66A QPSK 20MHz CH-Low 9kHz~20GHz



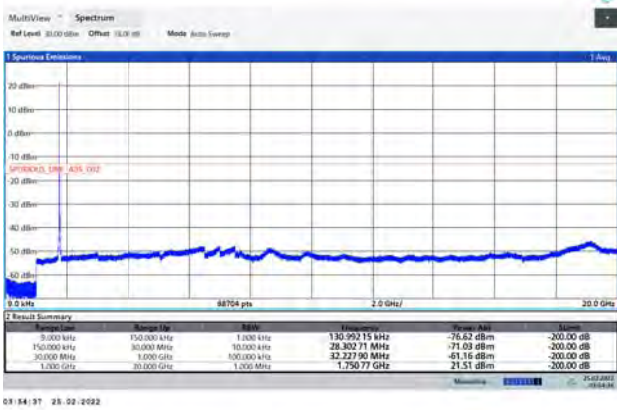
DC_5A_n66A P1/2 BPSK 20MHz CH-Middle 9kHz~20GHz



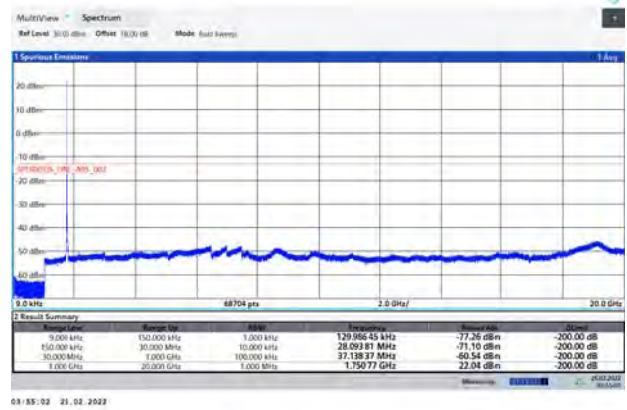
DC_5A_n66A QPSK 20MHz CH-Middle 9kHz~20GHz



DC_5A_n66A P1/2 BPSK 20MHz CH-High 9kHz~20GHz

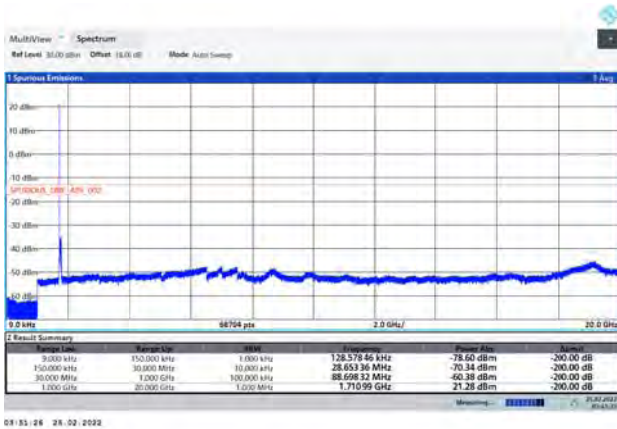


DC_5A_n66A QPSK 20MHz CH-High 9kHz~20GHz

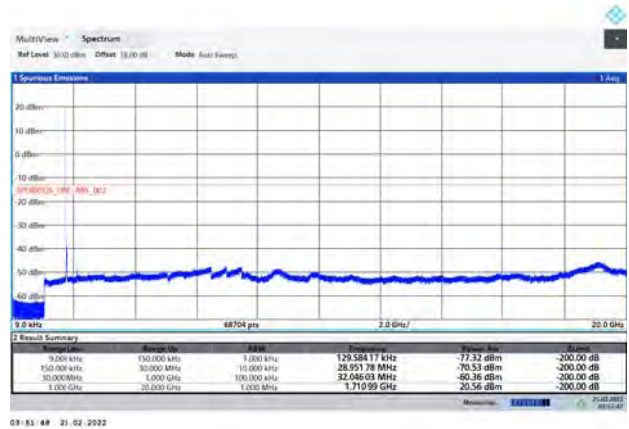




DC_5A_n66A 16QAM 20MHz CH-Low 9kHz~20GHz



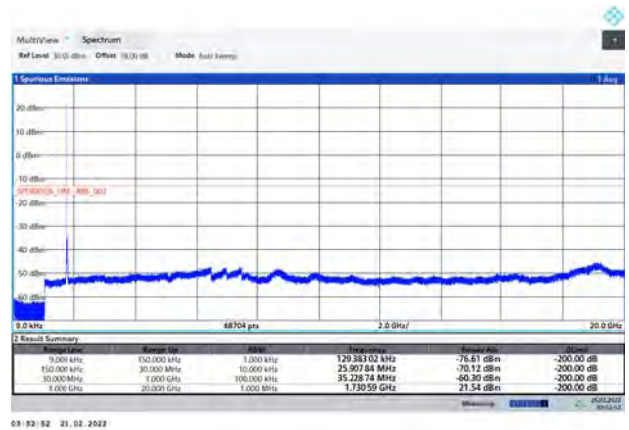
DC_5A_n66A 64QAM 20MHz CH-Low 9kHz~20GHz



DC_5A_n66A 16QAM 20MHz CH-Middle 9kHz~20GHz



DC_5A_n66A 64QAM 20MHz CH-Middle 9kHz~20GHz



DC_5A_n66A 16QAM 20MHz CH-High 9kHz~20GHz

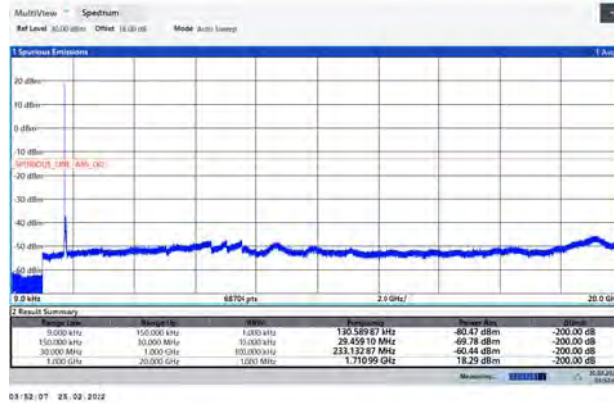


DC_5A_n66A 64QAM 20MHz CH-High 9kHz~20GHz



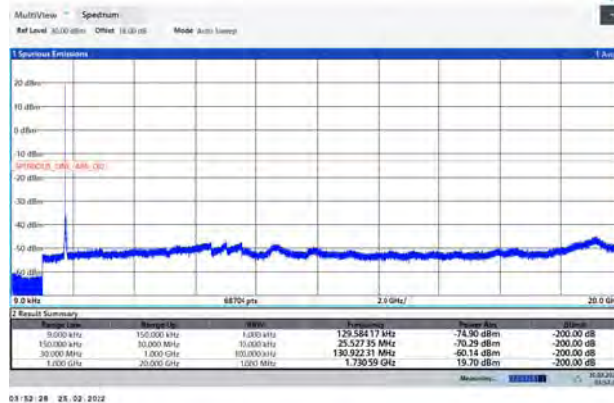


DC_5A_n66A 256QAM 20MHz CH-Low 9kHz~20GHz



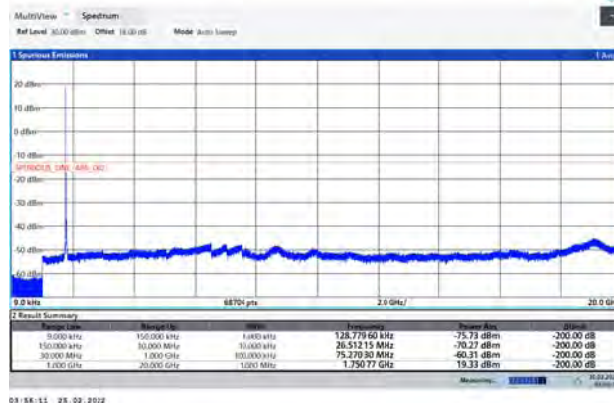
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DC_5A_n66A 256QAM 20MHz CH-Middle 9kHz~20GHz



03:52:28 25.02.2012

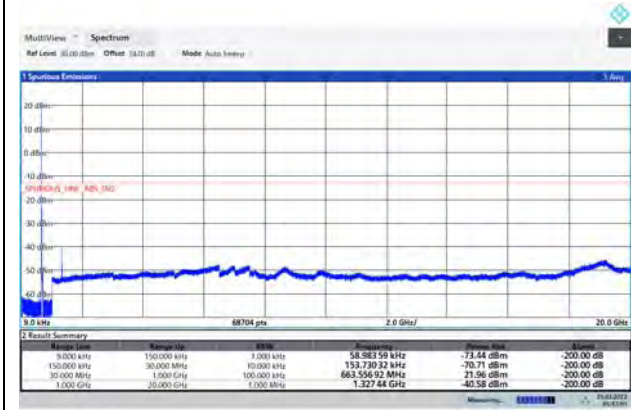
DC_5A_n66A 256QAM 20MHz CH-High 9kHz~20GHz



03:58:11 25.02.2012

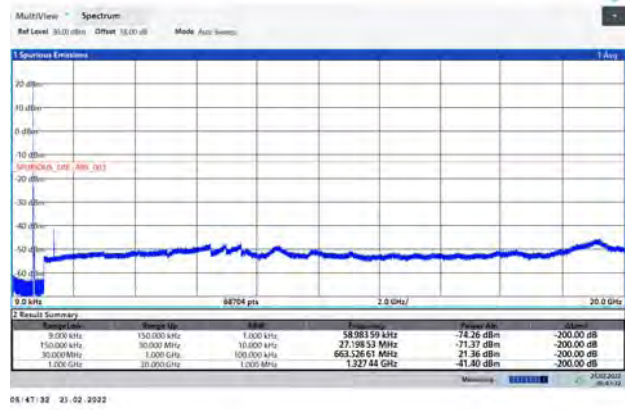


NR n71 P1/2 BPSK 30MHz CH-Low 9kHz~20GHz



05:47:01 25.02.2022

NR n71 QPSK 30MHz CH-Low 9kHz~20GHz



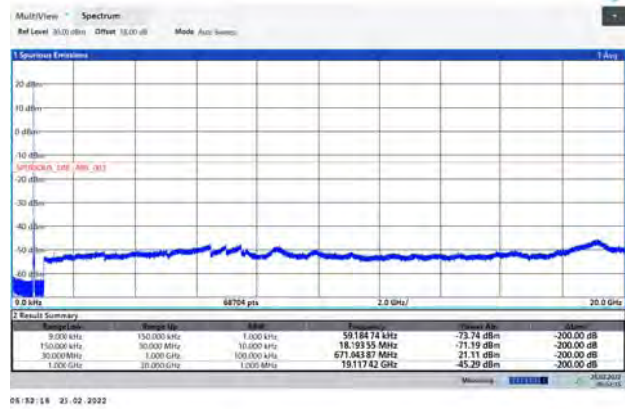
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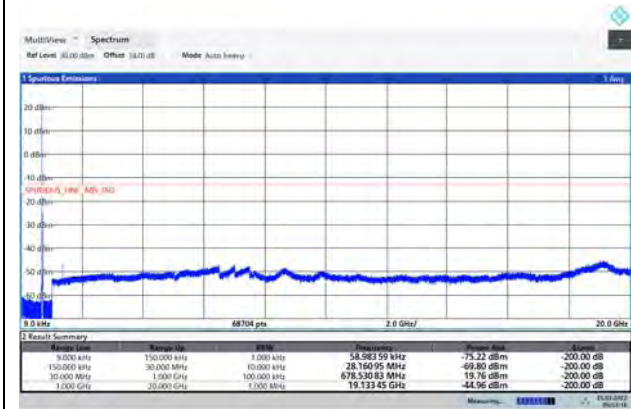
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NR n71 QPSK 30MHz CH-Middle 9kHz~20GHz



05:52:14 25.02.2022

NR n71 P1/2 BPSK 30MHz CH-High 9kHz~20GHz



05:53:16 25.02.2022

NR n71 QPSK 30MHz CH-High 9kHz~20GHz

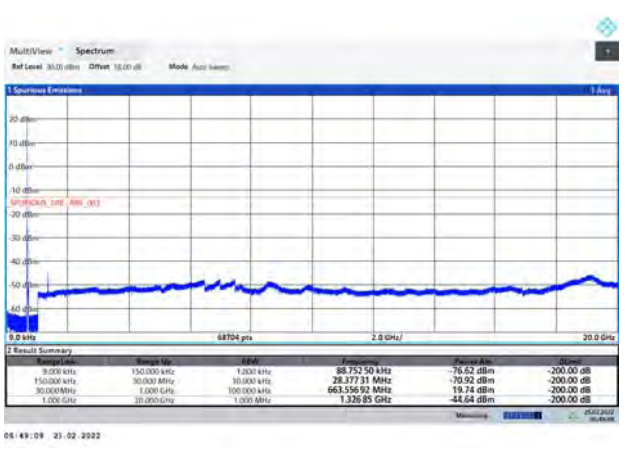
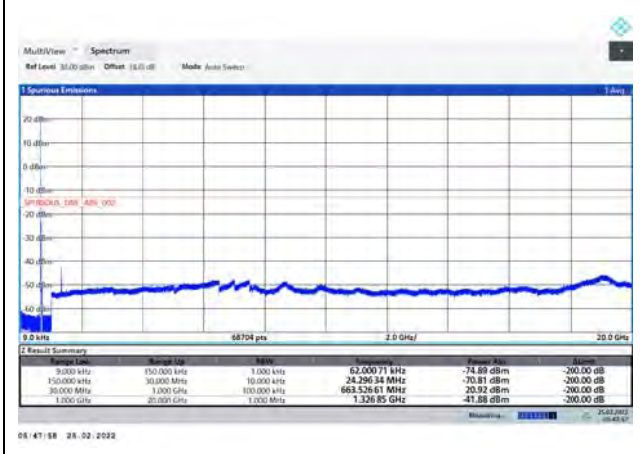


05:53:57 25.02.2022



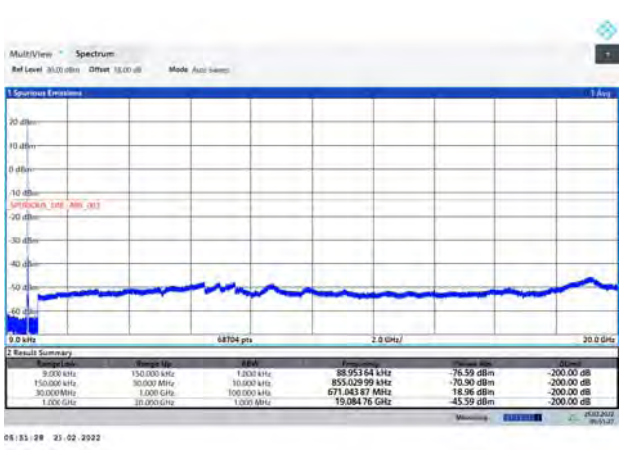
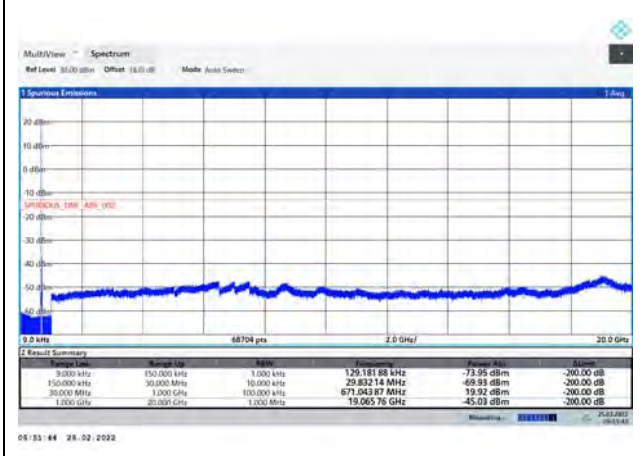
NR n71 16QAM 30MHz CH-Low 9kHz~20GHz

NR n71 64QAM 30MHz CH-Low 9kHz~20GHz



NR n71 16QAM 30MHz CH-Middle 9kHz~20GHz

NR n71 64QAM 30MHz CH-Middle 9kHz~20GHz



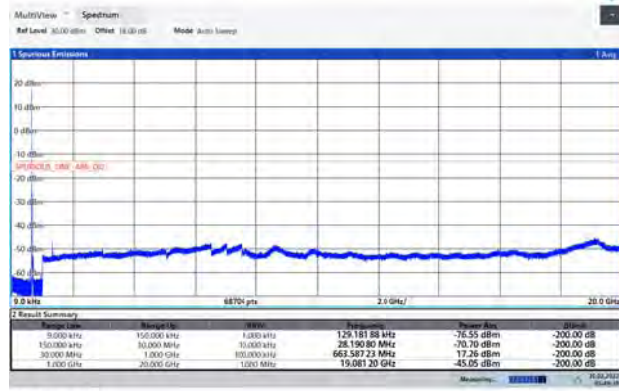
NR n71 16QAM 30MHz CH-High 9kHz~20GHz

NR n71 64QAM 30MHz CH-High 9kHz~20GHz





NR n71 256QAM 30MHz CH-Low 9kHz~20GHz



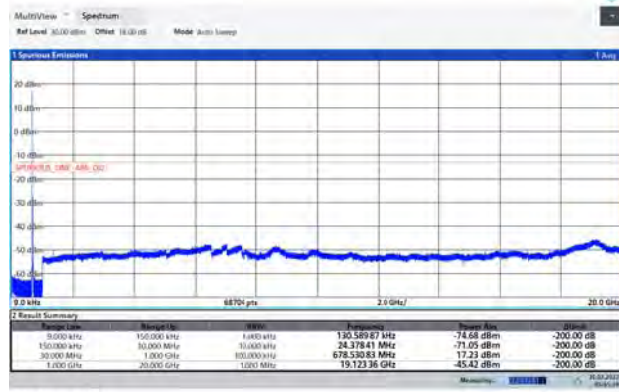
08:49:31 28.02.2012

NR n71 256QAM 30MHz CH-Middle 9kHz~20GHz



08:50:57 28.02.2012

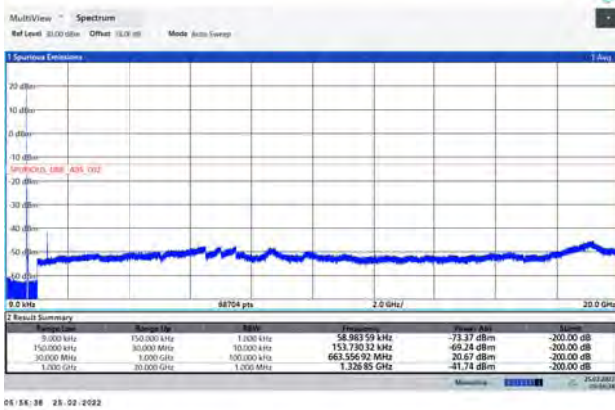
NR n71 256QAM 30MHz CH-High 9kHz~20GHz



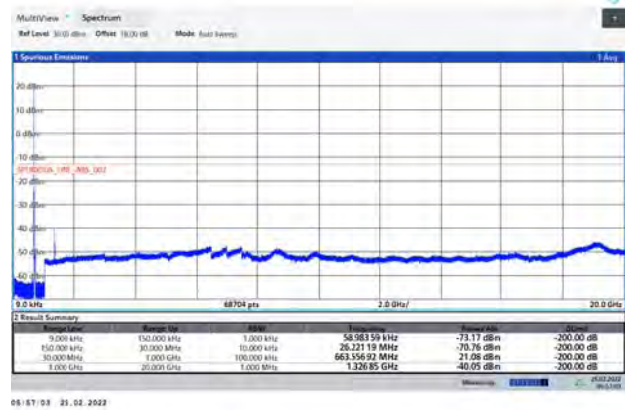
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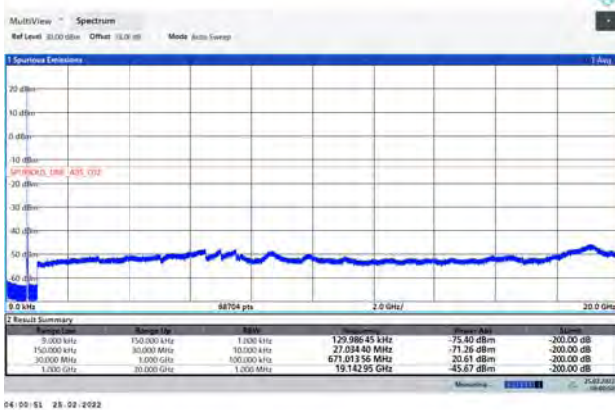
DC_66A_n71A P1/2 BPSK 30MHz CH-Low 9kHz~20GHz



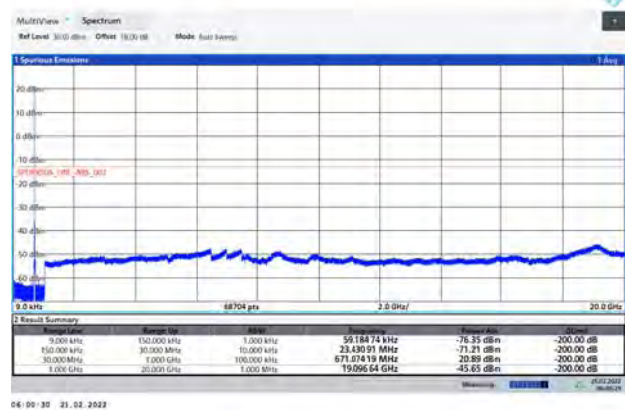
DC_66A_n71A QPSK 30MHz CH-Low 9kHz~20GHz



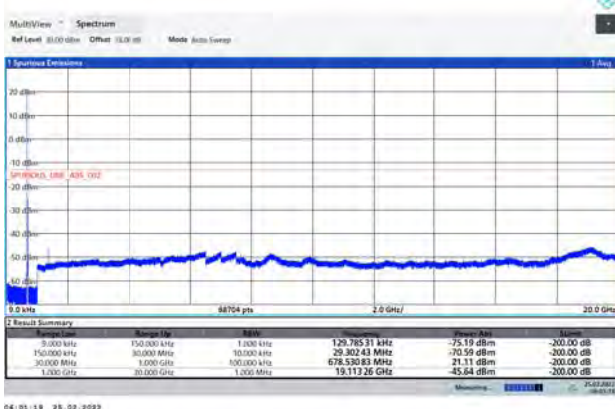
DC_66A_n71A P1/2 BPSK 30MHz CH-Middle 9kHz~20GHz



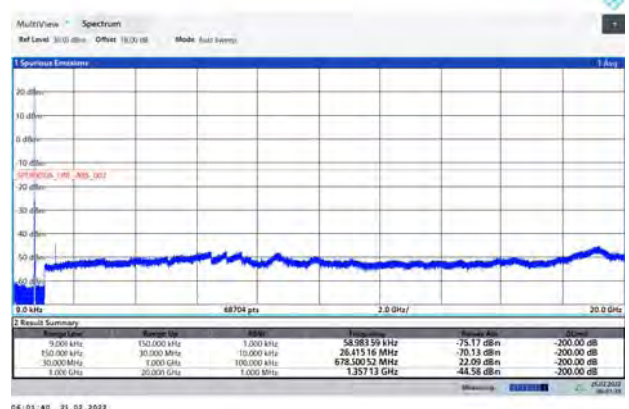
DC_66A_n71A QPSK 30MHz CH-Middle 9kHz~20GHz



DC_66A_n71A P1/2 BPSK 30MHz CH-High 9kHz~20GHz



DC_66A_41A QPSK 30MHz CH-High 9kHz~20GHz



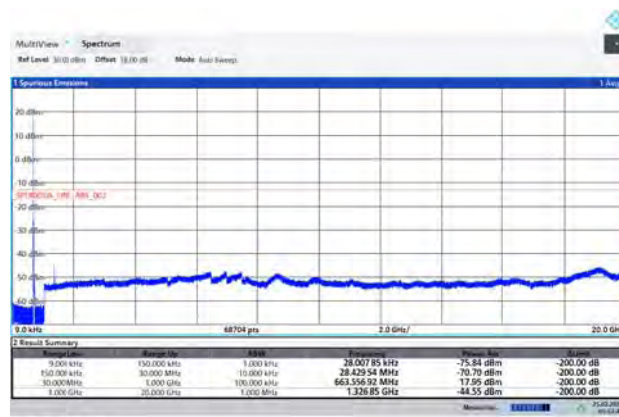


DC_66A_n71A 16QAM 30MHz CH-Low 9kHz~20GHz



05:57:28 28.02.2022

DC_66A_n71A 64QAM 30MHz CH-Low 9kHz~20GHz



05:57:44 28.02.2022

DC_66A_n71A 16QAM 30MHz CH-Middle 9kHz~20GHz



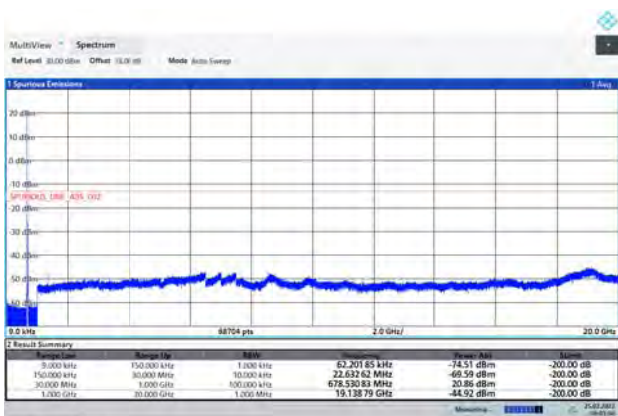
04:00:06 28.02.2022

DC_66A_n71A 64QAM 30MHz CH-Middle 9kHz~20GHz



05:59:47 28.02.2022

DC_66A_n71A 16QAM 30MHz CH-High 9kHz~20GHz



04:05:58 28.02.2022

DC_66A_n71A 64QAM 30MHz CH-High 9kHz~20GHz



04:02:25 28.02.2022



DC_66A_n71A 256QAM 30MHz CH-Low 9kHz~20GHz



04:58:12 28.02.2012

DC_66A_n71A 256QAM 30MHz CH-Middle 9kHz~20GHz



04:58:14 28.02.2012

DC_66A_n71A 256QAM 30MHz CH-High 9kHz~20GHz



04:03:14 28.02.2012

6.7 Radiates Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

WCDMA Band IV CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3465.20	-53.81	2.70	12.70	Vertical	-43.81	-13.00	30.81	225
3	5197.80	-59.29	3.20	12.50	Vertical	-49.99	-13.00	36.99	135
4	6930.40	-58.06	4.20	11.80	Vertical	-50.46	-13.00	37.46	45
5	8663.00	-52.92	4.40	12.50	Vertical	-44.82	-13.00	31.82	225
6	10395.60	-46.63	4.70	11.30	Vertical	-40.03	-13.00	27.03	180
7	12128.20	-53.68	5.20	13.80	Vertical	-45.08	-13.00	32.08	0
8	13860.80	-45.96	5.70	11.30	Vertical	-40.36	-13.00	27.36	135
9	15593.40	-56.14	6.10	16.80	Vertical	-45.44	-13.00	32.44	315
10	17326.00	-50.53	6.10	14.20	Vertical	-42.43	-13.00	29.43	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.

LTE Band 4 QPSK 1.4MHz 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	3464.25	-43.49	2.70	12.70	Vertical	-33.49	-13.00	20.49	135
3	5197.50	-54.64	3.20	12.50	Vertical	-45.34	-13.00	32.34	225
4	6930.00	-48.27	4.20	11.80	Vertical	-40.67	-13.00	27.67	45
5	8662.50	-38.20	4.40	12.50	Vertical	-30.10	-13.00	17.10	0
6	10395.00	-30.80	4.70	11.30	Vertical	-24.20	-13.00	11.20	45
7	12127.50	-53.53	5.20	13.80	Vertical	-44.93	-13.00	31.93	135
8	13860.00	-36.09	5.70	11.30	Vertical	-30.49	-13.00	17.49	225
9	15592.50	-52.18	6.10	16.80	Vertical	-41.48	-13.00	28.48	90
10	17325.00	-49.58	6.10	14.20	Vertical	-41.48	-13.00	28.48	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.



LTE Band 4 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	3460.50	-43.29	2.70	12.70	Vertical	-33.29	-13.00	20.29	90
3	5191.50	-54.22	3.20	12.50	Vertical	-44.92	-13.00	31.92	225
4	6930.00	-52.47	4.20	11.80	Vertical	-44.87	-13.00	31.87	45
5	8662.50	-39.20	4.40	12.50	Vertical	-31.10	-13.00	18.10	0
6	10395.00	-32.41	4.70	11.30	Vertical	-25.81	-13.00	12.81	0
7	12127.50	-53.10	5.20	13.80	Vertical	-44.50	-13.00	31.50	45
8	13860.00	-41.65	5.70	11.30	Vertical	-36.05	-13.00	23.05	135
9	15592.50	-53.26	6.10	16.80	Vertical	-42.56	-13.00	29.56	225
10	17325.00	-50.73	6.10	14.20	Vertical	-42.63	-13.00	29.63	45

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 osition.

LTE Band 4 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	3447.75	-47.98	2.70	12.70	Vertical	-37.98	-13.00	24.98	315
3	5170.88	-52.95	3.20	12.50	Vertical	-43.65	-13.00	30.65	225
4	6930.00	-51.32	4.20	11.80	Vertical	-43.72	-13.00	30.72	0
5	8662.50	-44.83	4.40	12.50	Vertical	-36.73	-13.00	23.73	45
6	10395.00	-36.57	4.70	11.30	Vertical	-29.97	-13.00	16.97	135
7	12127.50	-53.89	5.20	13.80	Vertical	-45.29	-13.00	32.29	225
8	13860.00	-43.16	5.70	11.30	Vertical	-37.56	-13.00	24.56	45
9	15592.50	-56.51	6.10	16.80	Vertical	-45.81	-13.00	32.81	0
10	17325.00	-50.71	6.10	14.20	Vertical	-42.61	-13.00	29.61	45

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.



LTE Band 12 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1413.60	-62.70	1.70	8.70	Vertical	-57.85	-13.00	44.85	315
3	2120.40	-62.79	2.10	11.10	Vertical	-55.94	-13.00	42.94	225
4	2827.20	-62.99	2.30	13.10	Vertical	-54.34	-13.00	41.34	45
5	3537.50	-61.38	2.60	12.70	Vertical	-53.43	-13.00	40.43	225
6	4245.00	-55.13	3.30	12.50	Vertical	-48.08	-13.00	35.08	45
7	4952.50	-64.00	3.40	12.50	Vertical	-57.05	-13.00	44.05	0
8	5660.00	-64.91	3.30	12.50	Vertical	-57.86	-13.00	44.86	135
9	6367.50	-60.07	3.80	11.50	Vertical	-54.52	-13.00	41.52	180
10	7075.00	-56.51	4.20	11.80	Vertical	-51.06	-13.00	38.06	315

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.

LTE Band 12 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1410.60	-61.43	1.70	8.70	Vertical	-56.58	-13.00	43.58	135
3	2115.90	-62.12	2.10	11.10	Vertical	-55.27	-13.00	42.27	0
4	2820.00	-62.16	2.30	13.10	Vertical	-53.51	-13.00	40.51	225
5	3525.00	-59.40	2.60	12.70	Vertical	-51.45	-13.00	38.45	45
6	4230.00	-52.23	3.30	12.50	Vertical	-45.18	-13.00	32.18	90
7	4935.00	-63.38	3.40	12.50	Vertical	-56.43	-13.00	43.43	225
8	5640.00	-62.90	3.30	12.50	Vertical	-55.85	-13.00	42.85	135
9	6345.00	-57.34	3.80	11.50	Vertical	-51.79	-13.00	38.79	135
10	7050.00	-56.80	4.20	11.80	Vertical	-51.35	-13.00	38.35	0

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.



LTE Band 12 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1406.40	-61.43	1.70	8.70	Vertical	-56.58	-13.00	43.58	90
3	2109.60	-59.16	2.10	11.10	Vertical	-52.31	-13.00	39.31	180
4	2812.80	-57.71	2.30	13.10	Vertical	-49.06	-13.00	36.06	270
5	3525.00	-59.40	2.60	12.70	Vertical	-51.45	-13.00	38.45	45
6	4230.00	-52.23	3.30	12.50	Vertical	-45.18	-13.00	32.18	90
7	4935.00	-63.38	3.40	12.50	Vertical	-56.43	-13.00	43.43	225
8	5640.00	-62.90	3.30	12.50	Vertical	-55.85	-13.00	42.85	135
9	6345.00	-57.34	3.80	11.50	Vertical	-51.79	-13.00	38.79	135
10	7050.00	-56.80	4.20	11.80	Vertical	-51.35	-13.00	38.35	0

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.

LTE Band 41 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	5181.00	-56.16	3.20	12.50	Vertical	-46.86	-25.00	21.86	135
3	7771.50	-51.90	4.40	12.30	Vertical	-44.00	-25.00	19.00	45
4	10362.00	-53.06	4.70	11.80	Vertical	-45.96	-25.00	20.96	225
5	13952.50	-52.61	5.40	14.00	Vertical	-44.01	-25.00	19.01	315
6	15543.00	-49.73	6.10	16.80	Vertical	-39.03	-25.00	14.03	180
7	18133.50	--	--	--	--	--	--	--	--
8	20653.20	--	--	--	--	--	--	--	--
9	23234.85	--	--	--	--	--	--	--	--
10	25816.50	--	--	--	--	--	--	--	--

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.



LTE Band 41 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	5166.00	-55.25	3.20	12.50	Vertical	-45.95	-25.00	20.95	135
3	7749.00	-52.13	4.40	12.30	Vertical	-44.23	-25.00	19.23	270
4	10332.00	-54.86	4.70	11.80	Vertical	-47.76	-25.00	22.76	0
5	12915.00	-53.02	5.40	14.00	Vertical	-44.42	-25.00	19.42	315
6	15498.00	-50.24	6.10	16.80	Vertical	-39.54	-25.00	14.54	135
7	18023.60	--	--	--	--	--	--	--	--
8	20598.40	--	--	--	--	--	--	--	--
9	23173.20	--	--	--	--	--	--	--	--
10	25748.00	--	--	--	--	--	--	--	--

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.

LTE Band 66 QPSK 1.4MHz 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	3488.60	-43.57	2.70	12.70	Vertical	-33.57	-13.00	20.57	315
3	5232.90	-55.68	3.20	12.50	Vertical	-46.38	-13.00	33.38	90
4	6977.20	-50.43	4.20	11.80	Vertical	-42.83	-13.00	29.83	135
5	8721.50	-41.53	4.40	12.50	Vertical	-33.43	-13.00	20.43	0
6	10465.80	-33.90	4.70	11.80	Vertical	-26.80	-13.00	13.80	225
7	12210.10	-53.70	5.20	13.80	Vertical	-45.10	-13.00	32.10	180
8	13954.40	-37.96	5.70	13.20	Vertical	-30.46	-13.00	17.46	45
9	15698.70	-52.58	6.10	16.80	Vertical	-41.88	-13.00	28.88	135
10	17443.00	-50.29	6.10	14.20	Vertical	-42.19	-13.00	29.19	225

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.



LTE Band 66 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	3486.00	-43.68	2.70	12.70	Vertical	-33.68	-13.00	20.68	0
3	5229.00	-54.98	3.20	12.50	Vertical	-45.68	-13.00	32.68	135
4	6972.00	-49.13	4.20	11.80	Vertical	-41.53	-13.00	28.53	270
5	8715.00	-40.40	4.40	12.50	Vertical	-32.30	-13.00	19.30	45
6	10458.00	-35.06	4.70	11.80	Vertical	-27.96	-13.00	14.96	315
7	12201.00	-51.83	5.20	13.80	Vertical	-43.23	-13.00	30.23	225
8	13944.00	-39.47	5.70	13.20	Vertical	-31.97	-13.00	18.97	135
9	15687.00	-51.87	6.10	16.80	Vertical	-41.17	-13.00	28.17	45
10	17430.00	-50.88	6.10	14.20	Vertical	-42.78	-13.00	29.78	315

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.

LTE Band 66 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	3472.88	-44.63	2.70	12.70	Vertical	-34.63	-13.00	21.63	45
3	5209.00	-55.30	3.20	12.50	Vertical	-46.00	-13.00	33.00	315
4	6945.75	-47.30	4.20	11.80	Vertical	-39.70	-13.00	26.70	0
5	8682.00	-40.57	4.40	12.50	Vertical	-32.47	-13.00	19.47	225
6	10418.63	-38.63	4.70	11.80	Vertical	-31.53	-13.00	18.53	180
7	12145.00	-50.31	5.20	13.80	Vertical	-41.71	-13.00	28.71	270
8	13891.50	-38.14	5.70	13.20	Vertical	-30.64	-13.00	17.64	135
9	15627.00	-50.54	6.10	16.80	Vertical	-39.84	-13.00	26.84	45
10	17364.38	-50.52	6.10	14.20	Vertical	-42.42	-13.00	29.42	225

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.



LTE Band 71 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1356.00	-60.13	1.70	8.70	Vertical	-55.28	-13.00	42.28	45
3	2034.00	-64.41	2.10	11.10	Vertical	-57.56	-13.00	44.56	0
4	2712.00	-65.85	2.30	13.10	Vertical	-57.20	-13.00	44.20	225
5	3390.00	-65.07	2.60	12.70	Vertical	-57.12	-13.00	44.12	315
6	4068.00	-60.01	3.30	12.50	Vertical	-52.96	-13.00	39.96	180
7	4746.00	-63.14	3.40	12.50	Vertical	-56.19	-13.00	43.19	225
8	5424.00	-63.78	3.30	12.50	Vertical	-56.73	-13.00	43.73	135
9	6102.00	-61.79	3.80	11.50	Vertical	-56.24	-13.00	43.24	0
10	6780.00	-59.59	4.20	11.80	Vertical	-54.14	-13.00	41.14	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.

LTE Band 71 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1341.00	-58.42	1.70	8.70	Vertical	-53.57	-13.00	40.57	180
3	2011.50	-60.92	2.10	11.10	Vertical	-54.07	-13.00	41.07	135
4	2682.00	-66.12	2.30	13.10	Vertical	-57.47	-13.00	44.47	45
5	3352.50	-65.26	2.60	12.70	Vertical	-57.31	-13.00	44.31	135
6	4023.00	-63.87	3.30	12.50	Vertical	-56.82	-13.00	43.82	225
7	4693.50	-62.33	3.40	12.50	Vertical	-55.38	-13.00	42.38	45
8	5364.00	-64.52	3.30	12.50	Vertical	-57.47	-13.00	44.47	135
9	6034.50	-62.37	3.80	11.50	Vertical	-56.82	-13.00	43.82	45
10	6705.00	-58.75	4.20	11.80	Vertical	-53.30	-13.00	40.30	315

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.



CA_41C QPSK 5M+20M 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	5171.00	-53.75	3.20	12.50	Horizontal	-44.45	-25.00	19.45	135
3	7756.50	-50.41	4.40	12.30	Horizontal	-42.51	-25.00	17.51	225
4	10342.00	-52.38	4.70	11.80	Horizontal	-45.28	-25.00	20.28	45
5	12927.50	-52.50	5.40	14.00	Horizontal	-43.90	-25.00	18.90	180
6	15513.00	-49.97	6.10	16.80	Horizontal	-39.27	-25.00	14.27	315
7	18098.50	--	--	--	--	--	--	--	--
8	20684.00	--	--	--	--	--	--	--	--
9	23269.50	--	--	--	--	--	--	--	--
10	25855.00	--	--	--	--	--	--	--	--

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.

CA_41C QPSK 10M+20M 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	5176.00	-58.85	3.20	12.50	Horizontal	-49.55	-25.00	24.55	225
3	7764.00	-51.29	4.40	12.30	Horizontal	-43.39	-25.00	18.39	45
4	10352.00	-52.71	4.70	11.80	Horizontal	-45.61	-25.00	20.61	0
5	12940.00	-53.11	5.40	14.00	Horizontal	-44.51	-25.00	19.51	135
6	15528.00	-47.47	6.10	16.80	Horizontal	-36.77	-25.00	11.77	225
7	18116.00	--	--	--	--	--	--	--	--
8	20704.00	--	--	--	--	--	--	--	--
9	23292.00	--	--	--	--	--	--	--	--
10	25880.00	--	--	--	--	--	--	--	--

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.



CA_41C QPSK 15M+15M 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	5156.00	-54.14	3.20	12.50	Horizontal	-44.84	-25.00	19.84	315
3	7734.00	-55.67	4.40	12.30	Horizontal	-47.77	-25.00	22.77	270
4	10312.00	-52.46	4.70	11.80	Horizontal	-45.36	-25.00	20.36	45
5	12890.00	-52.95	5.40	14.00	Horizontal	-44.35	-25.00	19.35	135
6	15468.00	-47.29	6.10	16.80	Horizontal	-36.59	-25.00	11.59	180
7	18046.00	--	--	--	--	--	--	--	--
8	20624.00	--	--	--	--	--	--	--	--
9	23202.00	--	--	--	--	--	--	--	--
10	25780.00	--	--	--	--	--	--	--	--

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.

CA_41C QPSK 20M+20M 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	5146.20	-53.03	3.20	12.50	Horizontal	-43.73	-25.00	18.73	315
3	7719.30	-56.17	4.40	12.30	Horizontal	-48.27	-25.00	23.27	135
4	10292.40	-53.43	4.70	11.80	Horizontal	-46.33	-25.00	21.33	45
5	12865.50	-53.21	5.40	14.00	Horizontal	-44.61	-25.00	19.61	180
6	15438.60	-52.75	6.10	16.80	Horizontal	-42.05	-25.00	17.05	270
7	18011.70	--	--	--	--	--	--	--	--
8	20584.80	--	--	--	--	--	--	--	--
9	23157.90	--	--	--	--	--	--	--	--
10	25731.00	--	--	--	--	--	--	--	--

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 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	5180.98	-58.38	3.20	12.50	Vertical	-49.08	-25.00	24.08	135
3	7771.47	-53.69	4.40	12.30	Vertical	-45.79	-25.00	20.79	90
4	10361.96	-52.91	4.70	11.80	Vertical	-45.81	-25.00	20.81	45
5	12952.45	-52.58	5.40	14.00	Vertical	-43.98	-25.00	18.98	270
6	15542.94	-56.41	6.10	16.80	Vertical	-45.71	-25.00	20.71	90
7	18133.43	--	--	--	--	--	--	--	--
8	20723.92	--	--	--	--	--	--	--	--
9	23314.41	--	--	--	--	--	--	--	--
10	25904.90	--	--	--	--	--	--	--	--

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 n41 QPSK 50MHz 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	5135.98	-58.67	3.20	12.50	Vertical	-49.37	-25.00	24.37	45
3	7703.97	-52.51	4.40	12.30	Vertical	-44.61	-25.00	19.61	225
4	10271.96	-53.31	4.70	11.80	Vertical	-46.21	-25.00	21.21	90
5	12839.95	-52.99	5.40	14.00	Vertical	-44.39	-25.00	19.39	135
6	15407.94	-56.63	6.10	16.80	Vertical	-45.93	-25.00	20.93	90
7	17975.93	--	--	--	--	--	--	--	--
8	20543.92	--	--	--	--	--	--	--	--
9	23111.91	--	--	--	--	--	--	--	--
10	25679.90	--	--	--	--	--	--	--	--

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 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	5085.98	-55.76	3.20	12.50	Vertical	-46.46	-25.00	21.46	315
3	7628.97	-51.49	4.40	12.30	Vertical	-43.59	-25.00	18.59	90
4	10171.96	-51.41	4.70	11.80	Vertical	-44.31	-25.00	19.31	225
5	12714.95	-53.73	5.40	14.00	Vertical	-45.13	-25.00	20.13	180
6	15257.94	-54.36	6.10	16.80	Vertical	-43.66	-25.00	18.66	270
7	17800.93	--	--	--	--	--	--	--	--
8	20343.92	--	--	--	--	--	--	--	--
9	22886.91	--	--	--	--	--	--	--	--
10	25429.90	--	--	--	--	--	--	--	--

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	3485.00	-58.99	2.70	12.70	Vertical	-48.99	-13.00	35.99	180
3	5227.50	-61.84	3.20	12.50	Vertical	-52.54	-13.00	39.54	90
4	6970.00	-60.82	4.20	11.80	Vertical	-53.22	-13.00	40.22	0
5	8712.50	-52.30	4.40	12.50	Vertical	-44.20	-13.00	31.20	90
6	10455.00	-53.44	4.70	11.80	Vertical	-46.34	-13.00	33.34	45
7	12197.50	-54.87	5.20	13.80	Vertical	-46.27	-13.00	33.27	225
8	13940.00	-49.81	5.70	13.20	Vertical	-42.31	-13.00	29.31	90
9	15682.50	-55.86	6.10	16.80	Vertical	-45.16	-13.00	32.16	315
10	17425.00	-50.40	6.10	14.20	Vertical	-42.30	-13.00	29.30	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 15MHz 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	3475.00	-59.39	2.70	12.70	Vertical	-49.39	-13.00	36.39	180
3	5212.50	-60.19	3.20	12.50	Vertical	-50.89	-13.00	37.89	225
4	6950.00	-60.93	4.20	11.80	Vertical	-53.33	-13.00	40.33	0
5	8687.50	-57.03	4.40	12.50	Vertical	-48.93	-13.00	35.93	90
6	10425.00	-53.86	4.70	11.80	Vertical	-46.76	-13.00	33.76	45
7	12162.50	-54.39	5.20	13.80	Vertical	-45.79	-13.00	32.79	225
8	13900.00	-50.52	5.70	13.20	Vertical	-43.02	-13.00	30.02	90
9	15637.50	-56.53	6.10	16.80	Vertical	-45.83	-13.00	32.83	315
10	17375.00	-50.08	6.10	14.20	Vertical	-41.98	-13.00	28.98	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 40MHz 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	3450.00	-60.45	2.70	12.70	Vertical	-50.45	-13.00	37.45	90
3	5175.00	-62.62	3.20	12.50	Vertical	-53.32	-13.00	40.32	0
4	6900.00	-61.42	4.20	11.80	Vertical	-53.82	-13.00	40.82	45
5	8625.00	-55.61	4.40	12.50	Vertical	-47.51	-13.00	34.51	135
6	10350.00	-51.02	4.70	11.80	Vertical	-43.92	-13.00	30.92	90
7	12075.00	-54.57	5.20	13.80	Vertical	-45.97	-13.00	32.97	225
8	13800.00	-50.06	5.70	13.20	Vertical	-42.56	-13.00	29.56	180
9	15525.00	-56.24	6.10	16.80	Vertical	-45.54	-13.00	32.54	135
10	17250.00	-49.24	6.10	14.20	Vertical	-41.14	-13.00	28.14	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 n71 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1356.00	-60.73	1.70	8.70	Vertical	-55.88	-13.00	42.88	180
3	2034.00	-63.60	2.10	11.10	Vertical	-56.75	-13.00	43.75	90
4	2712.00	-64.63	2.30	13.10	Vertical	-55.98	-13.00	42.98	45
5	3390.00	-65.65	2.60	12.70	Vertical	-57.70	-13.00	44.70	225
6	4068.00	-64.11	3.30	12.50	Vertical	-57.06	-13.00	44.06	90
7	4746.00	-63.66	3.40	12.50	Vertical	-56.71	-13.00	43.71	45
8	5424.00	-63.91	3.30	12.50	Vertical	-56.86	-13.00	43.86	135
9	6102.00	-62.10	3.80	11.50	Vertical	-56.55	-13.00	43.55	90
10	6780.00	-58.97	4.20	11.80	Vertical	-53.52	-13.00	40.52	315

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 n71 QPSK 15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1351.00	-60.11	1.70	8.70	Vertical	-55.26	-13.00	42.26	135
3	2026.50	-63.61	2.10	11.10	Vertical	-56.76	-13.00	43.76	135
4	2702.00	-65.70	2.30	13.10	Vertical	-57.05	-13.00	44.05	135
5	3377.50	-65.85	2.60	12.70	Vertical	-57.90	-13.00	44.90	315
6	4053.00	-63.81	3.30	12.50	Vertical	-56.76	-13.00	43.76	180
7	4728.50	-63.25	3.40	12.50	Vertical	-56.30	-13.00	43.30	135
8	5404.00	-63.67	3.30	12.50	Vertical	-56.62	-13.00	43.62	45
9	6079.50	-62.39	3.80	11.50	Vertical	-56.84	-13.00	43.84	225
10	6755.00	-58.98	4.20	11.80	Vertical	-53.53	-13.00	40.53	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 n71 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1341.00	-60.94	1.70	8.70	Vertical	-56.09	-13.00	43.09	0
3	2011.50	-63.28	2.10	11.10	Vertical	-56.43	-13.00	43.43	0
4	2682.00	-65.60	2.30	13.10	Vertical	-56.95	-13.00	43.95	45
5	3352.50	-65.39	2.60	12.70	Vertical	-57.44	-13.00	44.44	135
6	4023.00	-63.35	3.30	12.50	Vertical	-56.30	-13.00	43.30	90
7	4693.50	-62.97	3.40	12.50	Vertical	-56.02	-13.00	43.02	45
8	5364.00	-64.53	3.30	12.50	Vertical	-57.48	-13.00	44.48	315
9	6034.50	-62.02	3.80	11.50	Vertical	-56.47	-13.00	43.47	90
10	6705.00	-59.02	4.20	11.80	Vertical	-53.57	-13.00	40.57	225

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.



DC_2A_n41A 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	5175.98	-51.56	3.20	12.50	Horizontal	-42.26	-25.00	17.26	135
3	7763.97	-50.67	4.40	12.30	Horizontal	-42.77	-25.00	17.77	225
4	10351.96	-53.42	4.70	11.80	Horizontal	-46.32	-25.00	21.32	45
5	12939.95	-53.22	5.40	14.00	Horizontal	-44.62	-25.00	19.62	135
6	15527.94	-57.12	6.10	16.80	Horizontal	-46.42	-25.00	21.42	225
7	18115.93	--	--	--	--	--	--	--	--
8	20703.92	--	--	--	--	--	--	--	--
9	23291.91	--	--	--	--	--	--	--	--
10	25879.90	--	--	--	--	--	--	--	--

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.

DC_2A_n41A QPSK 15MHz 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	5170.98	-49.41	3.20	12.50	Horizontal	-40.11	-25.00	15.11	225
3	7756.47	-52.89	4.40	12.30	Horizontal	-44.99	-25.00	19.99	45
4	10341.96	-52.78	4.70	11.80	Horizontal	-45.68	-25.00	20.68	135
5	12927.45	-55.51	5.40	14.00	Horizontal	-46.91	-25.00	21.91	225
6	15512.94	-54.77	6.10	16.80	Horizontal	-44.07	-25.00	19.07	45
7	18098.43	--	--	--	--	--	--	--	--
8	20683.92	--	--	--	--	--	--	--	--
9	23269.41	--	--	--	--	--	--	--	--
10	25854.90	--	--	--	--	--	--	--	--

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.



DC_2A_n41A 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	5165.98	-54.45	3.20	12.50	Horizontal	-45.15	-25.00	20.15	135
3	7748.97	-50.09	4.40	12.30	Horizontal	-42.19	-25.00	17.19	225
4	10331.96	-51.73	4.70	11.80	Horizontal	-44.63	-25.00	19.63	45
5	12914.95	-54.28	5.40	14.00	Horizontal	-45.68	-25.00	20.68	135
6	15497.94	-56.37	6.10	16.80	Horizontal	-45.67	-25.00	20.67	0
7	18080.93	--	--	--	--	--	--	--	--
8	20663.92	--	--	--	--	--	--	--	--
9	23246.91	--	--	--	--	--	--	--	--
10	25829.90	--	--	--	--	--	--	--	--

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.

DC_66A_n41A 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	5175.98	-47.24	3.20	12.50	Horizontal	-37.94	-25.00	12.94	225
3	7763.97	-57.72	4.40	12.30	Horizontal	-49.82	-25.00	24.82	90
4	10351.96	-53.26	4.70	11.80	Horizontal	-46.16	-25.00	21.16	45
5	12939.95	-54.26	5.40	14.00	Horizontal	-45.66	-25.00	20.66	315
6	15527.94	-56.95	6.10	16.80	Horizontal	-46.25	-25.00	21.25	90
7	18115.93	--	--	--	--	--	--	--	--
8	20703.92	--	--	--	--	--	--	--	--
9	23291.91	--	--	--	--	--	--	--	--
10	25879.90	--	--	--	--	--	--	--	--

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.



DC_66A_n41A QPSK 15MHz 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	5170.98	-47.91	3.20	12.50	Horizontal	-38.61	-25.00	13.61	225
3	7756.47	-51.59	4.40	12.30	Horizontal	-43.69	-25.00	18.69	90
4	10341.96	-46.60	4.70	11.80	Horizontal	-39.50	-25.00	14.50	45
5	12927.45	-53.71	5.40	14.00	Horizontal	-45.11	-25.00	20.11	225
6	15512.94	-56.84	6.10	16.80	Horizontal	-46.14	-25.00	21.14	90
7	18098.43	--	--	--	--	--	--	--	--
8	20683.92	--	--	--	--	--	--	--	--
9	23269.41	--	--	--	--	--	--	--	--
10	25854.90	--	--	--	--	--	--	--	--

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.

DC_66A_n41A 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	5165.98	-52.15	3.20	12.50	Horizontal	-42.85	-25.00	17.85	180
3	7748.97	-50.29	4.40	12.30	Horizontal	-42.39	-25.00	17.39	180
4	10331.96	-53.47	4.70	11.80	Horizontal	-46.37	-25.00	21.37	315
5	12914.95	-53.12	5.40	14.00	Horizontal	-44.52	-25.00	19.52	225
6	15497.94	-56.27	6.10	16.80	Horizontal	-45.57	-25.00	20.57	90
7	18080.93	--	--	--	--	--	--	--	--
8	20663.92	--	--	--	--	--	--	--	--
9	23246.91	--	--	--	--	--	--	--	--
10	25829.90	--	--	--	--	--	--	--	--

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.



DC_2A_n66A 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	3485.00	-57.10	2.70	12.70	Horizontal	-47.10	-13.00	34.10	270
3	5227.50	-61.51	3.20	12.50	Horizontal	-52.21	-13.00	39.21	90
4	6970.00	-59.93	4.20	11.80	Horizontal	-52.33	-13.00	39.33	45
5	8712.50	-56.96	4.40	12.50	Horizontal	-48.86	-13.00	35.86	315
6	10455.00	-49.81	4.70	11.80	Horizontal	-42.71	-13.00	29.71	90
7	12197.50	-54.61	5.20	13.80	Horizontal	-46.01	-13.00	33.01	45
8	13940.00	-50.33	5.70	13.20	Horizontal	-42.83	-13.00	29.83	225
9	15682.50	-56.54	6.10	16.80	Horizontal	-45.84	-13.00	32.84	90
10	17425.00	-50.43	6.10	14.20	Horizontal	-42.33	-13.00	29.33	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 Horizontal position.

DC_2A_n66A QPSK 15MHz 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	3475.00	-57.42	2.70	12.70	Horizontal	-47.42	-13.00	34.42	180
3	5212.50	-63.16	3.20	12.50	Horizontal	-53.86	-13.00	40.86	270
4	6950.00	-60.98	4.20	11.80	Horizontal	-53.38	-13.00	40.38	315
5	8687.50	-57.36	4.40	12.50	Horizontal	-49.26	-13.00	36.26	90
6	10425.00	-52.80	4.70	11.80	Horizontal	-45.70	-13.00	32.70	45
7	12162.50	-54.61	5.20	13.80	Horizontal	-46.01	-13.00	33.01	225
8	13900.00	-49.64	5.70	13.20	Horizontal	-42.14	-13.00	29.14	90
9	15637.50	-55.73	6.10	16.80	Horizontal	-45.03	-13.00	32.03	45
10	17375.00	-50.25	6.10	14.20	Horizontal	-42.15	-13.00	29.15	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.



DC_2A_n66A 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	3450.00	-59.61	2.70	12.70	Horizontal	-49.61	-13.00	36.61	315
3	5175.00	-60.84	3.20	12.50	Horizontal	-51.54	-13.00	38.54	180
4	6900.00	-61.05	4.20	11.80	Horizontal	-53.45	-13.00	40.45	90
5	8625.00	-57.53	4.40	12.50	Horizontal	-49.43	-13.00	36.43	45
6	10350.00	-52.64	4.70	11.80	Horizontal	-45.54	-13.00	32.54	225
7	12075.00	-54.68	5.20	13.80	Horizontal	-46.08	-13.00	33.08	90
8	13800.00	-49.61	5.70	13.20	Horizontal	-42.11	-13.00	29.11	45
9	15525.00	-56.05	6.10	16.80	Horizontal	-45.35	-13.00	32.35	315
10	17250.00	-50.19	6.10	14.20	Horizontal	-42.09	-13.00	29.09	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.

DC_5A_n66A 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	3485.00	-57.36	2.70	12.70	Horizontal	-47.36	-13.00	34.36	90
3	5227.50	-62.52	3.20	12.50	Horizontal	-53.22	-13.00	40.22	45
4	6970.00	-60.79	4.20	11.80	Horizontal	-53.19	-13.00	40.19	315
5	8712.50	-51.93	4.40	12.50	Horizontal	-43.83	-13.00	30.83	90
6	10455.00	-49.00	4.70	11.80	Horizontal	-41.90	-13.00	28.90	45
7	12197.50	-54.92	5.20	13.80	Horizontal	-46.32	-13.00	33.32	225
8	13940.00	-49.80	5.70	13.20	Horizontal	-42.30	-13.00	29.30	90
9	15682.50	-56.75	6.10	16.80	Horizontal	-46.05	-13.00	33.05	270
10	17425.00	-51.01	6.10	14.20	Horizontal	-42.91	-13.00	29.91	315

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.



DC_5A_n66A QPSK 15MHz 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	3475.00	-58.22	2.70	12.70	Horizontal	-48.22	-13.00	35.22	315
3	5212.50	-62.27	3.20	12.50	Horizontal	-52.97	-13.00	39.97	45
4	6950.00	-60.46	4.20	11.80	Horizontal	-52.86	-13.00	39.86	225
5	8687.50	-57.89	4.40	12.50	Horizontal	-49.79	-13.00	36.79	90
6	10425.00	-53.96	4.70	11.80	Horizontal	-46.86	-13.00	33.86	45
7	12162.50	-54.95	5.20	13.80	Horizontal	-46.35	-13.00	33.35	270
8	13900.00	-49.41	5.70	13.20	Horizontal	-41.91	-13.00	28.91	180
9	15637.50	-56.81	6.10	16.80	Horizontal	-46.11	-13.00	33.11	90
10	17375.00	-49.86	6.10	14.20	Horizontal	-41.76	-13.00	28.76	225

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.

DC_5A_n66A 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	3450.00	-58.22	2.70	12.70	Horizontal	-48.22	-13.00	35.22	315
3	5175.00	-62.90	3.20	12.50	Horizontal	-53.60	-13.00	40.60	315
4	6900.00	-61.11	4.20	11.80	Horizontal	-53.51	-13.00	40.51	90
5	8625.00	-57.61	4.40	12.50	Horizontal	-49.51	-13.00	36.51	45
6	10350.00	-53.47	4.70	11.80	Horizontal	-46.37	-13.00	33.37	225
7	12075.00	-54.67	5.20	13.80	Horizontal	-46.07	-13.00	33.07	315
8	13800.00	-50.03	5.70	13.20	Horizontal	-42.53	-13.00	29.53	90
9	15525.00	-56.30	6.10	16.80	Horizontal	-45.60	-13.00	32.60	45
10	17250.00	-50.45	6.10	14.20	Horizontal	-42.35	-13.00	29.35	225

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.



DC_12A_n66A 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	3485.00	-59.79	2.70	12.70	Horizontal	-49.79	-13.00	36.79	315
3	5227.50	-66.39	3.20	12.50	Horizontal	-57.09	-13.00	44.09	90
4	6970.00	-60.16	4.20	11.80	Horizontal	-52.56	-13.00	39.56	45
5	8712.50	-57.34	4.40	12.50	Horizontal	-49.24	-13.00	36.24	225
6	10455.00	-50.56	4.70	11.80	Horizontal	-43.46	-13.00	30.46	90
7	12197.50	-54.50	5.20	13.80	Horizontal	-45.90	-13.00	32.90	45
8	13940.00	-49.65	5.70	13.20	Horizontal	-42.15	-13.00	29.15	315
9	15682.50	-57.86	6.10	16.80	Horizontal	-47.16	-13.00	34.16	90
10	17425.00	-49.51	6.10	14.20	Horizontal	-41.41	-13.00	28.41	225

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.

DC_12A_n66A QPSK 15MHz 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	3475.00	-57.25	2.70	12.70	Horizontal	-47.25	-13.00	34.25	315
3	5212.50	-62.34	3.20	12.50	Horizontal	-53.04	-13.00	40.04	180
4	6950.00	-60.04	4.20	11.80	Horizontal	-52.44	-13.00	39.44	225
5	8687.50	-57.51	4.40	12.50	Horizontal	-49.41	-13.00	36.41	0
6	10425.00	-52.48	4.70	11.80	Horizontal	-45.38	-13.00	32.38	0
7	12162.50	-54.86	5.20	13.80	Horizontal	-46.26	-13.00	33.26	90
8	13900.00	-49.28	5.70	13.20	Horizontal	-41.78	-13.00	28.78	45
9	15637.50	-56.12	6.10	16.80	Horizontal	-45.42	-13.00	32.42	315
10	17375.00	-49.89	6.10	14.20	Horizontal	-41.79	-13.00	28.79	270

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.



DC_12A_n66A 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	3450.00	-56.64	2.70	12.70	Horizontal	-46.64	-13.00	33.64	270
3	5175.00	-58.90	3.20	12.50	Horizontal	-49.60	-13.00	36.60	90
4	6900.00	-60.58	4.20	11.80	Horizontal	-52.98	-13.00	39.98	45
5	8625.00	-57.91	4.40	12.50	Horizontal	-49.81	-13.00	36.81	225
6	10350.00	-51.18	4.70	11.80	Horizontal	-44.08	-13.00	31.08	90
7	12075.00	-54.98	5.20	13.80	Horizontal	-46.38	-13.00	33.38	45
8	13800.00	-50.20	5.70	13.20	Horizontal	-42.70	-13.00	29.70	90
9	15525.00	-56.68	6.10	16.80	Horizontal	-45.98	-13.00	32.98	315
10	17250.00	-50.53	6.10	14.20	Horizontal	-42.43	-13.00	29.43	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 Horizontal position.

DC_2A_n71A QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1356.00	-61.58	1.70	8.70	Horizontal	-56.73	-13.00	43.73	315
3	2034.00	-65.24	2.10	11.10	Horizontal	-58.39	-13.00	45.39	225
4	2712.00	-64.34	2.30	13.10	Horizontal	-55.69	-13.00	42.69	0
5	3390.00	-66.15	2.60	12.70	Horizontal	-58.20	-13.00	45.20	45
6	4068.00	-65.14	3.30	12.50	Horizontal	-58.09	-13.00	45.09	135
7	4746.00	-61.29	3.40	12.50	Horizontal	-54.34	-13.00	41.34	0
8	5424.00	-64.76	3.30	12.50	Horizontal	-57.71	-13.00	44.71	90
9	6102.00	-63.01	3.80	11.50	Horizontal	-57.46	-13.00	44.46	90
10	6780.00	-61.22	4.20	11.80	Horizontal	-55.77	-13.00	42.77	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 Horizontal position.



DC_2A_n71A QPSK 15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1351.00	-60.82	1.70	8.70	Horizontal	-55.97	-13.00	42.97	45
3	2026.50	-64.43	2.10	11.10	Horizontal	-57.58	-13.00	44.58	45
4	2702.00	-64.90	2.30	13.10	Horizontal	-56.25	-13.00	43.25	315
5	3377.50	-66.51	2.60	12.70	Horizontal	-58.56	-13.00	45.56	45
6	4053.00	-61.67	3.30	12.50	Horizontal	-54.62	-13.00	41.62	135
7	4728.50	-61.35	3.40	12.50	Horizontal	-54.40	-13.00	41.40	225
8	5404.00	-66.07	3.30	12.50	Horizontal	-59.02	-13.00	46.02	0
9	6079.50	-62.94	3.80	11.50	Horizontal	-57.39	-13.00	44.39	45
10	6755.00	-63.09	4.20	11.80	Horizontal	-57.64	-13.00	44.64	225

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.

DC_2A_n71A QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1341.00	-63.96	1.70	8.70	Horizontal	-59.11	-13.00	46.11	225
3	2011.50	-65.91	2.10	11.10	Horizontal	-59.06	-13.00	46.06	45
4	2682.00	-64.42	2.30	13.10	Horizontal	-55.77	-13.00	42.77	0
5	3352.50	-67.62	2.60	12.70	Horizontal	-59.67	-13.00	46.67	315
6	4023.00	-64.57	3.30	12.50	Horizontal	-57.52	-13.00	44.52	180
7	4693.50	-65.21	3.40	12.50	Horizontal	-58.26	-13.00	45.26	90
8	5364.00	-63.97	3.30	12.50	Horizontal	-56.92	-13.00	43.92	135
9	6034.50	-62.82	3.80	11.50	Horizontal	-57.27	-13.00	44.27	45
10	6705.00	-59.29	4.20	11.80	Horizontal	-53.84	-13.00	40.84	0

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.



DC_66A_n71A QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1356.00	-60.58	1.70	8.70	Horizontal	-55.73	-13.00	42.73	45
3	2034.00	-62.92	2.10	11.10	Horizontal	-56.07	-13.00	43.07	270
4	2712.00	-65.10	2.30	13.10	Horizontal	-56.45	-13.00	43.45	0
5	3390.00	-67.25	2.60	12.70	Horizontal	-59.30	-13.00	46.30	315
6	4068.00	-64.05	3.30	12.50	Horizontal	-57.00	-13.00	44.00	270
7	4746.00	-63.09	3.40	12.50	Horizontal	-56.14	-13.00	43.14	45
8	5424.00	-64.56	3.30	12.50	Horizontal	-57.51	-13.00	44.51	135
9	6102.00	-62.68	3.80	11.50	Horizontal	-57.13	-13.00	44.13	180
10	6780.00	-59.40	4.20	11.80	Horizontal	-53.95	-13.00	40.95	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 Horizontal position.

DC_66A_n71A QPSK 15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1351.00	-57.58	1.70	8.70	Horizontal	-52.73	-13.00	39.73	135
3	2026.50	-62.45	2.10	11.10	Horizontal	-55.60	-13.00	42.60	225
4	2702.00	-64.02	2.30	13.10	Horizontal	-55.37	-13.00	42.37	45
5	3377.50	-66.77	2.60	12.70	Horizontal	-58.82	-13.00	45.82	225
6	4053.00	-63.85	3.30	12.50	Horizontal	-56.80	-13.00	43.80	45
7	4728.50	-63.66	3.40	12.50	Horizontal	-56.71	-13.00	43.71	135
8	5404.00	-64.38	3.30	12.50	Horizontal	-57.33	-13.00	44.33	225
9	6079.50	-63.05	3.80	11.50	Horizontal	-57.50	-13.00	44.50	315
10	6755.00	-59.36	4.20	11.80	Horizontal	-53.91	-13.00	40.91	0

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.



DC_66A_n71A QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1341.00	-55.39	1.70	8.70	Horizontal	-50.54	-13.00	37.54	180
3	2011.50	-64.01	2.10	11.10	Horizontal	-57.16	-13.00	44.16	135
4	2682.00	-62.94	2.30	13.10	Horizontal	-54.29	-13.00	41.29	225
5	3352.50	-66.61	2.60	12.70	Horizontal	-58.66	-13.00	45.66	225
6	4023.00	-64.26	3.30	12.50	Horizontal	-57.21	-13.00	44.21	180
7	4693.50	-63.79	3.40	12.50	Horizontal	-56.84	-13.00	43.84	315
8	5364.00	-65.32	3.30	12.50	Horizontal	-58.27	-13.00	45.27	45
9	6034.50	-62.20	3.80	11.50	Horizontal	-56.65	-13.00	43.65	135
10	6705.00	-59.16	4.20	11.80	Horizontal	-53.71	-13.00	40.71	225

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
Base Station Simulator	R&S	CMW500	113645	2021-05-15	2022-05-14
Base Station Simulator	Anritsu	MT8000A	6261844783	2021-05-15	2022-05-14
Base Station Simulator	Anritsu	MT8821C	6201538758	2021-05-15	2022-05-14
Climate Chamber	WEISS	VT 4002	58226119450010	2021-05-15	2022-05-14
Spectrum Analyzer	Keysight	N9020A	MY52330084	2021-05-15	2022-05-14
Universal Radio Communication Tester	Agilent	E5515C	GB44400275	2021-05-15	2022-05-14
Universal Radio Communication Tester	StarPoint	SP9500	SP9500-20440	2021-05-15	2022-05-14
Signal Analyzer	R&S	FSV3030	101411	2021-12-12	2022-12-11
Signal Analyzer	R&S	FSV30	104028	2021-05-15	2022-05-14
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	01111	2019--9-12	2022-09-11
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
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.