



CA_41A_41C QPSK 20MHz+5MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5336.60	-59.58	2.00	10.15	Horizontal	-51.43	-25.00	26.43	225
3	8004.90	-47.86	2.50	11.35	Horizontal	-39.01	-25.00	14.01	135
4	10673.20	-50.09	4.20	12.05	Horizontal	-42.24	-25.00	17.24	180
5	13341.50	-51.57	5.20	14.85	Horizontal	-41.92	-25.00	16.92	45
6	16009.80	-50.21	5.50	13.23	Horizontal	-42.48	-25.00	17.48	90
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 20MHz+20MHz+5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5350.00	-60.56	2.00	10.15	Horizontal	-52.41	-25.00	27.41	90
3	8025.00	-54.90	2.50	11.35	Horizontal	-46.05	-25.00	21.05	270
4	10700.00	-51.95	4.20	12.05	Horizontal	-44.10	-25.00	19.10	225
5	13375.00	-52.54	5.20	14.85	Horizontal	-42.89	-25.00	17.89	315
6	16050.00	-51.10	5.50	13.23	Horizontal	-43.37	-25.00	18.37	45
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 10MHz+15MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5336.66	-58.97	2.00	10.15	Horizontal	-50.82	-25.00	25.82	135
3	8004.99	-48.87	2.50	11.35	Horizontal	-40.02	-25.00	15.02	45
4	10673.23	-51.80	4.20	12.05	Horizontal	-43.95	-25.00	18.95	0
5	13341.45	-54.57	5.20	14.85	Horizontal	-44.92	-25.00	19.92	90
6	16009.35	-52.05	5.50	13.23	Horizontal	-44.32	-25.00	19.32	225
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 10MHz+20MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5322.33	-59.36	2.00	10.15	Horizontal	-51.21	-25.00	26.21	90
3	7983.50	-49.78	2.50	11.35	Horizontal	-40.93	-25.00	15.93	45
4	10644.66	-50.35	4.20	12.05	Horizontal	-42.50	-25.00	17.50	225
5	13305.83	-52.65	5.20	14.85	Horizontal	-43.00	-25.00	18.00	315
6	15966.99	-52.19	5.50	13.23	Horizontal	-44.46	-25.00	19.46	0
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 20MHz+10MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5331.20	-57.38	2.00	10.15	Horizontal	-49.23	-25.00	24.23	180
3	7996.81	-47.26	2.50	11.35	Horizontal	-38.41	-25.00	13.41	45
4	10662.40	-50.53	4.20	12.05	Horizontal	-42.68	-25.00	17.68	315
5	13328.00	-51.48	5.20	14.85	Horizontal	-41.83	-25.00	16.83	225
6	15993.60	-51.61	5.50	13.23	Horizontal	-43.88	-25.00	18.88	90
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 20MHz+20MHz+10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5340.20	-59.84	2.00	10.15	Horizontal	-51.69	-25.00	26.69	135
3	8010.30	-51.78	2.50	11.35	Horizontal	-42.93	-25.00	17.93	90
4	10680.40	-51.81	4.20	12.05	Horizontal	-43.96	-25.00	18.96	135
5	13350.50	-53.47	5.20	14.85	Horizontal	-43.82	-25.00	18.82	225
6	16020.60	-51.28	5.50	13.23	Horizontal	-43.55	-25.00	18.55	0
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 15MHz+20MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5320.40	-59.32	2.00	10.15	Horizontal	-51.17	-25.00	26.17	45
3	7980.60	-48.54	2.50	11.35	Horizontal	-39.69	-25.00	14.69	180
4	10640.80	-49.30	4.20	12.05	Horizontal	-41.45	-25.00	16.45	315
5	13301.00	-51.53	5.20	14.85	Horizontal	-41.88	-25.00	16.88	225
6	15961.20	-52.59	5.50	13.23	Horizontal	-44.86	-25.00	19.86	45
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 20MHz+15MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5325.80	-57.89	2.00	10.15	Horizontal	-49.74	-25.00	24.74	90
3	7988.70	-47.71	2.50	11.35	Horizontal	-38.86	-25.00	13.86	135
4	10651.60	-49.55	4.20	12.05	Horizontal	-41.70	-25.00	16.70	225
5	13314.50	-52.18	5.20	14.85	Horizontal	-42.53	-25.00	17.53	45
6	15977.40	-54.11	5.50	13.23	Horizontal	-46.38	-25.00	21.38	0
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 20MHz+20MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5330.20	-58.96	2.00	10.15	Horizontal	-50.81	-25.00	25.81	90
3	7995.30	-52.58	2.50	11.35	Horizontal	-43.73	-25.00	18.73	315
4	10660.40	-52.62	4.20	12.05	Horizontal	-44.77	-25.00	19.77	180
5	13325.50	-53.20	5.20	14.85	Horizontal	-43.55	-25.00	18.55	45
6	15990.60	-52.00	5.50	13.23	Horizontal	-44.27	-25.00	19.27	225
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41A_41C QPSK 20MHz+20MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5320.40	-58.82	2.00	10.15	Horizontal	-50.67	-25.00	25.67	90
3	7980.60	-49.57	2.50	11.35	Horizontal	-40.72	-25.00	15.72	315
4	10640.80	-50.99	4.20	12.05	Horizontal	-43.14	-25.00	18.14	180
5	13301.00	-52.81	5.20	14.85	Horizontal	-43.16	-25.00	18.16	45
6	15961.20	-52.27	5.50	13.23	Horizontal	-44.54	-25.00	19.54	135
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 10MHz+15MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5153.30	-56.94	2.00	10.15	Horizontal	-48.79	-25.00	23.79	135
3	7729.95	-53.61	2.50	11.35	Horizontal	-44.76	-25.00	19.76	270
4	10306.60	-43.52	4.20	12.05	Horizontal	-35.67	-25.00	10.67	45
5	12883.25	-50.68	5.20	14.85	Horizontal	-41.03	-25.00	16.03	90
6	15459.90	-51.56	5.50	13.23	Horizontal	-43.83	-25.00	18.83	180
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 10MHz+20MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5153.24	-55.47	2.00	10.15	Horizontal	-47.32	-25.00	22.32	225
3	7729.86	-53.98	2.50	11.35	Horizontal	-45.13	-25.00	20.13	45
4	10306.48	-43.27	4.20	12.05	Horizontal	-35.42	-25.00	10.42	135
5	12883.10	-51.94	5.20	14.85	Horizontal	-42.29	-25.00	17.29	90
6	15459.72	-51.68	5.50	13.23	Horizontal	-43.95	-25.00	18.95	270
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 15MHz+10MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5158.28	-57.25	2.00	10.15	Horizontal	-49.10	-25.00	24.10	315
3	7737.42	-58.09	2.50	11.35	Horizontal	-49.24	-25.00	24.24	225
4	10316.56	-47.77	4.20	12.05	Horizontal	-39.92	-25.00	14.92	180
5	12895.70	-51.53	5.20	14.85	Horizontal	-41.88	-25.00	16.88	45
6	15474.84	-52.03	5.50	13.23	Horizontal	-44.30	-25.00	19.30	135
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 15MHz+20MHz+10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5158.30	-54.48	2.00	10.15	Horizontal	-46.33	-25.00	21.33	90
3	7737.45	-53.00	2.50	11.35	Horizontal	-44.15	-25.00	19.15	135
4	10316.60	-43.19	4.20	12.05	Horizontal	-35.34	-25.00	10.34	45
5	12895.75	-51.73	5.20	14.85	Horizontal	-42.08	-25.00	17.08	225
6	15474.90	-52.19	5.50	13.23	Horizontal	-44.46	-25.00	19.46	315
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+10MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5162.82	-57.43	2.00	10.15	Horizontal	-49.28	-25.00	24.28	135
3	7744.23	-57.93	2.50	11.35	Horizontal	-49.08	-25.00	24.08	90
4	10325.64	-48.44	4.20	12.05	Horizontal	-40.59	-25.00	15.59	45
5	12907.05	-52.35	5.20	14.85	Horizontal	-42.70	-25.00	17.70	225
6	15488.46	-52.47	5.50	13.23	Horizontal	-44.74	-25.00	19.74	180
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+15MHz+10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5162.88	-59.26	2.00	10.15	Horizontal	-51.11	-25.00	26.11	90
3	7744.32	-56.22	2.50	11.35	Horizontal	-47.37	-25.00	22.37	45
4	10325.76	-49.30	4.20	12.05	Horizontal	-41.45	-25.00	16.45	180
5	12907.20	-52.12	5.20	14.85	Horizontal	-42.47	-25.00	17.47	225
6	15488.64	-51.52	5.50	13.23	Horizontal	-43.79	-25.00	18.79	270
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 10MHz+20MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5148.44	-56.50	2.00	10.15	Horizontal	-48.35	-25.00	23.35	135
3	7722.66	-53.32	2.50	11.35	Horizontal	-44.47	-25.00	19.47	225
4	10296.88	-43.23	4.20	12.05	Horizontal	-35.38	-25.00	10.38	180
5	12871.10	-50.92	5.20	14.85	Horizontal	-41.27	-25.00	16.27	315
6	15445.32	-52.32	5.50	13.23	Horizontal	-44.59	-25.00	19.59	270
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+10MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5158.22	-57.11	2.00	10.15	Horizontal	-48.96	-25.00	23.96	45
3	7737.33	-55.35	2.50	11.35	Horizontal	-46.50	-25.00	21.50	90
4	10316.44	-49.90	4.20	12.05	Horizontal	-42.05	-25.00	17.05	225
5	12895.55	-51.78	5.20	14.85	Horizontal	-42.13	-25.00	17.13	315
6	15474.66	-51.70	5.50	13.23	Horizontal	-43.97	-25.00	18.97	45
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+20MHz+10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5158.32	-57.58	2.00	10.15	Horizontal	-49.43	-25.00	24.43	180
3	7737.48	-54.27	2.50	11.35	Horizontal	-45.42	-25.00	20.42	135
4	10316.64	-45.67	4.20	12.05	Horizontal	-37.82	-25.00	12.82	270
5	12895.80	-52.12	5.20	14.85	Horizontal	-42.47	-25.00	17.47	45
6	15474.96	-50.84	5.50	13.23	Horizontal	-43.11	-25.00	18.11	90
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 15MHz+15MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5153.26	-57.03	2.00	10.15	Horizontal	-48.88	-25.00	23.88	180
3	7729.89	-54.05	2.50	11.35	Horizontal	-45.20	-25.00	20.20	90
4	10306.52	-45.58	4.20	12.05	Horizontal	-37.73	-25.00	12.73	135
5	12883.15	-52.15	5.20	14.85	Horizontal	-42.50	-25.00	17.50	45
6	15459.78	-52.15	5.50	13.23	Horizontal	-44.42	-25.00	19.42	225
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 15MHz+20MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5153.30	-54.75	2.00	10.15	Horizontal	-46.60	-25.00	21.60	135
3	7729.95	-53.87	2.50	11.35	Horizontal	-45.02	-25.00	20.02	225
4	10306.60	-43.32	4.20	12.05	Horizontal	-35.47	-25.00	10.47	315
5	12883.25	-52.31	5.20	14.85	Horizontal	-42.66	-25.00	17.66	90
6	15459.90	-52.31	5.50	13.23	Horizontal	-44.58	-25.00	19.58	45
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+15MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5157.68	-55.75	2.00	10.15	Horizontal	-47.60	-25.00	22.60	90
3	7736.52	-56.76	2.50	11.35	Horizontal	-47.91	-25.00	22.91	135
4	10315.36	-47.41	4.20	12.05	Horizontal	-39.56	-25.00	14.56	225
5	12899.20	-50.64	5.20	14.85	Horizontal	-40.99	-25.00	15.99	180
6	15479.04	-51.72	5.50	13.23	Horizontal	-43.99	-25.00	18.99	270
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 15MHz+20MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5148.30	-55.99	2.00	10.15	Horizontal	-47.84	-25.00	22.84	315
3	7722.45	-53.65	2.50	11.35	Horizontal	-44.80	-25.00	19.80	90
4	10296.60	-44.08	4.20	12.05	Horizontal	-36.23	-25.00	11.23	180
5	12870.75	-51.08	5.20	14.85	Horizontal	-41.43	-25.00	16.43	45
6	15444.90	-50.97	5.50	13.23	Horizontal	-43.24	-25.00	18.24	180
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+15MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5153.28	-57.58	2.00	10.15	Horizontal	-49.43	-25.00	24.43	270
3	7729.92	-57.33	2.50	11.35	Horizontal	-48.48	-25.00	23.48	45
4	10306.56	-49.23	4.20	12.05	Horizontal	-41.38	-25.00	16.38	315
5	12883.20	-51.56	5.20	14.85	Horizontal	-41.91	-25.00	16.91	180
6	15459.84	-52.30	5.50	13.23	Horizontal	-44.57	-25.00	19.57	225
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+20MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5153.32	-56.93	2.00	10.15	Horizontal	-48.78	-25.00	23.78	180
3	7729.98	-54.56	2.50	11.35	Horizontal	-45.71	-25.00	20.71	135
4	10306.64	-45.64	4.20	12.05	Horizontal	-37.79	-25.00	12.79	225
5	12883.30	-51.77	5.20	14.85	Horizontal	-42.12	-25.00	17.12	45
6	15459.96	-51.62	5.50	13.23	Horizontal	-43.89	-25.00	18.89	90
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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_41D QPSK 20MHz+20MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5148.32	-56.83	2.00	10.15	Horizontal	-48.68	-25.00	23.68	135
3	7722.48	-55.69	2.50	11.35	Horizontal	-46.84	-25.00	21.84	225
4	10296.64	-47.10	4.20	12.05	Horizontal	-39.25	-25.00	14.25	180
5	12870.80	-51.67	5.20	14.85	Horizontal	-42.02	-25.00	17.02	90
6	15444.96	-51.55	5.50	13.23	Horizontal	-43.82	-25.00	18.82	45
7	18151.00	--	--	--	--	--	--	--	--
8	20744.00	--	--	--	--	--	--	--	--
9	23337.00	--	--	--	--	--	--	--	--
10	25930.00	--	--	--	--	--	--	--	--

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.



6 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Base Station Simulator	R&S	CMW500	113824	2020-05-18	2021-05-17
Power Splitter	Hua Xiang	SHX-GF2-2-13	10120101	/	/
Spectrum Analyzer	Key sight	N9010A	MY50210259	2020-05-18	2021-05-17
Signal Analyzer	R&S	FSV30	100815	2019-12-15	2020-12-14
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
Trilog Antenna	SCHWARZBECK	VUBL 9163	9163-201	2017-11-18	2020-11-17
Horn Antenna	R&S	HF907	102723	2018-08-11	2021-08-10
Horn Antenna	ETS-Lindgren	3160-09	00102643	2018-06-20	2021-06-19
Signal generator	R&S	SMB 100A	102594	2020-05-18	2021-05-17
Climatic Chamber	ESPEC	SU-242	93000506	2017-12-17	2020-12-16
Preamplifier	R&S	SCU18	102327	2020-05-18	2021-05-17
MOB COMMS DC SUPPLY	Keysight	66319D	MY43004105	2020-05-18	2021-05-17
RF Cable	Agilent	SMA 15cm	0001	2020-06-12	2020-12-11
Software	R&S	EMC32	9.26.0	/	/

*****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.