

1.1.1 B66_1.4MHz_EIRP

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	22.27	2.2	24.47	<=30	Pass		
			7	22.29	2.2	24.49	<=30	Pass		
			14	22.16	2.2	24.36	<=30	Pass		
		8	0	21.07	2.2	23.27	<=30	Pass		
			4	21.13	2.2	23.33	<=30	Pass		
			7	21.10	2.2	23.3	<=30	Pass		
		15	0	21.12	2.2	23.32	<=30	Pass		
		1745	1	0	22.14	2.2	24.34	<=30	Pass	
				7	22.14	2.2	24.34	<=30	Pass	
	14			22.10	2.2	24.3	<=30	Pass		
	8		0	21.00	2.2	23.2	<=30	Pass		
			4	21.10	2.2	23.3	<=30	Pass		
			7	21.05	2.2	23.25	<=30	Pass		
	15	0	21.03	2.2	23.23	<=30	Pass			
	1778.5	1	0	21.91	2.2	24.11	<=30	Pass		
			7	21.99	2.2	24.19	<=30	Pass		
			14	22.19	2.2	24.39	<=30	Pass		
		8	0	21.03	2.2	23.23	<=30	Pass		
			4	21.06	2.2	23.26	<=30	Pass		
			7	21.04	2.2	23.24	<=30	Pass		
		15	0	20.99	2.2	23.19	<=30	Pass		
		16QAM	1711.5	1	0	20.58	2.2	22.78	<=30	Pass
					7	20.74	2.2	22.94	<=30	Pass
	14				20.60	2.2	22.8	<=30	Pass	
	8			0	20.13	2.2	22.33	<=30	Pass	
				4	20.19	2.2	22.39	<=30	Pass	
				7	20.17	2.2	22.37	<=30	Pass	
15	0			20.14	2.2	22.34	<=30	Pass		
1745	1			0	20.84	2.2	23.04	<=30	Pass	
				7	20.88	2.2	23.08	<=30	Pass	
			14	20.85	2.2	23.05	<=30	Pass		
	8		0	19.99	2.2	22.19	<=30	Pass		
			4	20.18	2.2	22.38	<=30	Pass		
			7	20.24	2.2	22.44	<=30	Pass		
15	0		20.05	2.2	22.25	<=30	Pass			
1778.5	1		0	20.74	2.2	22.94	<=30	Pass		
			7	20.86	2.2	23.06	<=30	Pass		
			14	20.65	2.2	22.85	<=30	Pass		
	8		0	19.80	2.2	22	<=30	Pass		
			4	19.85	2.2	22.05	<=30	Pass		
			7	19.85	2.2	22.05	<=30	Pass		
	15		0	20.03	2.2	22.23	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	21.95	2.2	24.15	<=30	Pass		
			13	22.19	2.2	24.39	<=30	Pass		
			24	22.14	2.2	24.34	<=30	Pass		
		12	0	21.10	2.2	23.3	<=30	Pass		
			6	21.16	2.2	23.36	<=30	Pass		
			13	21.08	2.2	23.28	<=30	Pass		
		25	0	21.08	2.2	23.28	<=30	Pass		
		1745	1	0	22.03	2.2	24.23	<=30	Pass	
				13	22.22	2.2	24.42	<=30	Pass	
	24			22.00	2.2	24.2	<=30	Pass		
	12		0	20.99	2.2	23.19	<=30	Pass		
			6	21.00	2.2	23.2	<=30	Pass		
			13	20.88	2.2	23.08	<=30	Pass		
	25	0	20.94	2.2	23.14	<=30	Pass			
	1777.5	1	0	22.13	2.2	24.33	<=30	Pass		
			13	22.12	2.2	24.32	<=30	Pass		
			24	21.97	2.2	24.17	<=30	Pass		
		12	0	20.83	2.2	23.03	<=30	Pass		
			6	20.94	2.2	23.14	<=30	Pass		
			13	20.80	2.2	23	<=30	Pass		
		25	0	20.87	2.2	23.07	<=30	Pass		
		16QAM	1712.5	1	0	21.04	2.2	23.24	<=30	Pass
					13	20.93	2.2	23.13	<=30	Pass
	24				20.73	2.2	22.93	<=30	Pass	
12	0			20.05	2.2	22.25	<=30	Pass		
	6			19.90	2.2	22.1	<=30	Pass		
	13			19.81	2.2	22.01	<=30	Pass		
25	0			19.95	2.2	22.15	<=30	Pass		
1745	1			0	20.54	2.2	22.74	<=30	Pass	
				13	20.73	2.2	22.93	<=30	Pass	
			24	20.34	2.2	22.54	<=30	Pass		
	12		0	19.92	2.2	22.12	<=30	Pass		
			6	20.05	2.2	22.25	<=30	Pass		
			13	19.93	2.2	22.13	<=30	Pass		
25	0		19.89	2.2	22.09	<=30	Pass			
1777.5	1		0	20.71	2.2	22.91	<=30	Pass		
			13	20.92	2.2	23.12	<=30	Pass		
			24	20.42	2.2	22.62	<=30	Pass		
	12		0	19.88	2.2	22.08	<=30	Pass		
			6	20.08	2.2	22.28	<=30	Pass		
			13	20.06	2.2	22.26	<=30	Pass		
	25		0	20.10	2.2	22.3	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1715	1	0	21.97	2.2	24.17	<=30	Pass		
			25	22.07	2.2	24.27	<=30	Pass		
			49	22.06	2.2	24.26	<=30	Pass		
		25	0	21.09	2.2	23.29	<=30	Pass		
			13	21.15	2.2	23.35	<=30	Pass		
			25	21.02	2.2	23.22	<=30	Pass		
		50	0	20.99	2.2	23.19	<=30	Pass		
		1745	1	0	22.11	2.2	24.31	<=30	Pass	
				25	22.25	2.2	24.45	<=30	Pass	
	49			22.13	2.2	24.33	<=30	Pass		
	25		0	20.96	2.2	23.16	<=30	Pass		
			13	21.05	2.2	23.25	<=30	Pass		
			25	21.03	2.2	23.23	<=30	Pass		
	50	0	20.95	2.2	23.15	<=30	Pass			
	1775	1	0	21.73	2.2	23.93	<=30	Pass		
			25	22.25	2.2	24.45	<=30	Pass		
			49	22.04	2.2	24.24	<=30	Pass		
		25	0	20.97	2.2	23.17	<=30	Pass		
			13	20.96	2.2	23.16	<=30	Pass		
			25	20.81	2.2	23.01	<=30	Pass		
		50	0	20.89	2.2	23.09	<=30	Pass		
		16QAM	1715	1	0	20.79	2.2	22.99	<=30	Pass
					25	20.95	2.2	23.15	<=30	Pass
	49				20.43	2.2	22.63	<=30	Pass	
	25			0	20.25	2.2	22.45	<=30	Pass	
				13	20.26	2.2	22.46	<=30	Pass	
				25	19.94	2.2	22.14	<=30	Pass	
50	0			19.92	2.2	22.12	<=30	Pass		
1745	1			0	20.83	2.2	23.03	<=30	Pass	
				25	20.94	2.2	23.14	<=30	Pass	
			49	20.15	2.2	22.35	<=30	Pass		
	25		0	20.20	2.2	22.4	<=30	Pass		
			13	20.14	2.2	22.34	<=30	Pass		
			25	19.89	2.2	22.09	<=30	Pass		
50	0		19.91	2.2	22.11	<=30	Pass			
1775	1		0	20.45	2.2	22.65	<=30	Pass		
			25	20.74	2.2	22.94	<=30	Pass		
			49	20.11	2.2	22.31	<=30	Pass		
	25		0	19.92	2.2	22.12	<=30	Pass		
			13	19.97	2.2	22.17	<=30	Pass		
			25	19.85	2.2	22.05	<=30	Pass		
	50		0	19.93	2.2	22.13	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	21.94	2.2	24.14	<=30	Pass		
			38	22.04	2.2	24.24	<=30	Pass		
			74	21.92	2.2	24.12	<=30	Pass		
		36	0	20.94	2.2	23.14	<=30	Pass		
			18	21.12	2.2	23.32	<=30	Pass		
			39	20.98	2.2	23.18	<=30	Pass		
		75	0	20.98	2.2	23.18	<=30	Pass		
		1745	1	0	22.16	2.2	24.36	<=30	Pass	
				38	22.27	2.2	24.47	<=30	Pass	
	74			22.10	2.2	24.3	<=30	Pass		
	36		0	21.09	2.2	23.29	<=30	Pass		
			18	21.02	2.2	23.22	<=30	Pass		
			39	20.97	2.2	23.17	<=30	Pass		
	75	0	20.97	2.2	23.17	<=30	Pass			
	1772.5	1	0	21.98	2.2	24.18	<=30	Pass		
			38	22.04	2.2	24.24	<=30	Pass		
			74	21.95	2.2	24.15	<=30	Pass		
		36	0	20.95	2.2	23.15	<=30	Pass		
			18	20.97	2.2	23.17	<=30	Pass		
			39	20.92	2.2	23.12	<=30	Pass		
		75	0	20.92	2.2	23.12	<=30	Pass		
		16QAM	1717.5	1	0	20.73	2.2	22.93	<=30	Pass
					38	20.64	2.2	22.84	<=30	Pass
	74				20.68	2.2	22.88	<=30	Pass	
	36			0	19.97	2.2	22.17	<=30	Pass	
				18	20.18	2.2	22.38	<=30	Pass	
				39	19.86	2.2	22.06	<=30	Pass	
75	0			19.94	2.2	22.14	<=30	Pass		
1745	1			0	20.56	2.2	22.76	<=30	Pass	
				38	20.66	2.2	22.86	<=30	Pass	
			74	20.66	2.2	22.86	<=30	Pass		
	36		0	20.19	2.2	22.39	<=30	Pass		
			18	19.96	2.2	22.16	<=30	Pass		
			39	20.00	2.2	22.2	<=30	Pass		
75	0		20.06	2.2	22.26	<=30	Pass			
1772.5	1		0	20.19	2.2	22.39	<=30	Pass		
			38	20.72	2.2	22.92	<=30	Pass		
			74	20.39	2.2	22.59	<=30	Pass		
	36		0	20.01	2.2	22.21	<=30	Pass		
			18	19.97	2.2	22.17	<=30	Pass		
			39	19.85	2.2	22.05	<=30	Pass		
	75		0	20.08	2.2	22.28	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	21.85	2.2	24.05	<=30	Pass		
			50	21.43	2.2	23.63	<=30	Pass		
			99	22.03	2.2	24.23	<=30	Pass		
		50	0	21.04	2.2	23.24	<=30	Pass		
			25	21.12	2.2	23.32	<=30	Pass		
			50	21.04	2.2	23.24	<=30	Pass		
		100	0	21.08	2.2	23.28	<=30	Pass		
		1745	1	0	22.11	2.2	24.31	<=30	Pass	
				50	22.41	2.2	24.61	<=30	Pass	
	99			22.22	2.2	24.42	<=30	Pass		
	50		0	21.02	2.2	23.22	<=30	Pass		
			25	20.86	2.2	23.06	<=30	Pass		
			50	20.94	2.2	23.14	<=30	Pass		
	100	0	20.91	2.2	23.11	<=30	Pass			
	1770	1	0	21.94	2.2	24.14	<=30	Pass		
			50	22.50	2.2	24.7	<=30	Pass		
			99	21.96	2.2	24.16	<=30	Pass		
		50	0	20.92	2.2	23.12	<=30	Pass		
			25	20.87	2.2	23.07	<=30	Pass		
			50	20.84	2.2	23.04	<=30	Pass		
		100	0	20.79	2.2	22.99	<=30	Pass		
		16QAM	1720	1	0	20.54	2.2	22.74	<=30	Pass
					50	21.06	2.2	23.26	<=30	Pass
	99				20.85	2.2	23.05	<=30	Pass	
50	0			19.99	2.2	22.19	<=30	Pass		
	25			20.03	2.2	22.23	<=30	Pass		
	50			20.06	2.2	22.26	<=30	Pass		
100	0			19.97	2.2	22.17	<=30	Pass		
1745	1			0	20.77	2.2	22.97	<=30	Pass	
				50	20.86	2.2	23.06	<=30	Pass	
			99	20.65	2.2	22.85	<=30	Pass		
	50		0	20.09	2.2	22.29	<=30	Pass		
			25	20.05	2.2	22.25	<=30	Pass		
			50	19.79	2.2	21.99	<=30	Pass		
100	0		19.85	2.2	22.05	<=30	Pass			
1770	1		0	20.26	2.2	22.46	<=30	Pass		
			50	20.72	2.2	22.92	<=30	Pass		
			99	20.57	2.2	22.77	<=30	Pass		
	50		0	19.86	2.2	22.06	<=30	Pass		
			25	19.91	2.2	22.11	<=30	Pass		
			50	19.88	2.2	22.08	<=30	Pass		
	100		0	19.89	2.2	22.09	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	56.14	-48.38	28.44	-59.07	-13.00	46.07	Horizontal
2	5133.27	58.83	-47.84	31.57	-52.70	-13.00	39.70	Horizontal
3	6844.36	55.47	-46.82	35.25	-51.36	-13.00	38.36	Horizontal
4	8555.45	54.22	-44.11	36.91	-48.24	-13.00	35.24	Horizontal
5	10266.54	55.23	-41.48	38.99	-42.52	-13.00	29.52	Horizontal
6	11977.63	37.75	-39.55	39.40	-57.65	-13.00	44.65	Horizontal

Test Band = LTE Band 66_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5133	59.42	-47.84	31.57	-52.11	-13.00	39.11	Vertical
2	10266.375	59.59	-41.48	38.99	-38.17	-13.00	25.17	Vertical
3	11977.5	42.46	-39.55	39.40	-52.95	-13.00	39.95	Vertical
4	3422.18	53.84	-48.38	28.44	-61.37	-13.00	48.37	Vertical
5	6844.36	57.78	-46.82	35.25	-49.05	-13.00	36.05	Vertical
6	8555.45	55.47	-44.11	36.91	-46.99	-13.00	33.99	Vertical

Test Band = LTE Band 66_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.125	56.09	-48.32	28.48	-59.02	-13.00	46.02	Horizontal
2	6944.25	57.88	-46.67	35.41	-48.64	-13.00	35.64	Horizontal
3	10416.375	61.94	-41.14	39.09	-35.37	-13.00	22.37	Horizontal
4	5208.27	67.81	-47.88	31.78	-43.55	-13.00	30.55	Horizontal
5	8680.45	56.96	-44.09	37.05	-45.34	-13.00	32.34	Horizontal
6	12152.63	39.31	-39.73	39.31	-56.37	-13.00	43.37	Horizontal

Test Band = LTE Band 66_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.125	57.71	-48.32	28.48	-57.40	-13.00	44.40	Vertical
2	6944.25	59.60	-46.67	35.41	-46.92	-13.00	33.92	Vertical
3	5208.27	68.28	-47.88	31.78	-43.08	-13.00	30.08	Vertical
4	8680.45	59.26	-44.09	37.05	-43.04	-13.00	30.04	Vertical
5	10416.54	66.08	-41.14	39.09	-31.23	-13.00	18.23	Vertical
6	12152.63	45.56	-39.73	39.31	-50.12	-13.00	37.12	Vertical

Test Band = LTE Band 66_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8805.375	54.02	-43.99	37.19	-48.05	-13.00	35.05	Horizontal
2	3522.18	61.70	-48.29	28.54	-53.31	-13.00	40.31	Horizontal
3	5283.27	64.25	-47.80	31.99	-46.81	-13.00	33.81	Horizontal
4	7044.36	58.67	-46.26	35.58	-47.27	-13.00	34.27	Horizontal
5	10566.54	50.42	-41.05	39.20	-46.69	-13.00	33.69	Horizontal
6	12327.63	39.08	-39.68	39.20	-56.66	-13.00	43.66	Horizontal

Test Band = LTE Band 66_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522	62.32	-48.29	28.54	-52.69	-13.00	39.69	Vertical
2	8805	57.81	-43.99	37.19	-44.26	-13.00	31.26	Vertical
3	5283.27	65.21	-47.80	31.99	-45.85	-13.00	32.85	Vertical
4	7044.36	56.75	-46.26	35.58	-49.19	-13.00	36.19	Vertical
5	10566.54	54.59	-41.05	39.20	-42.52	-13.00	29.52	Vertical
6	12327.63	40.66	-39.68	39.20	-55.08	-13.00	42.08	Vertical