

1.1.1 B12_1.4MHz_ERP

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	700.5	1	0	22.81	-0.9	19.76	<=34.77	Pass		
			7	23.02	-0.9	19.97	<=34.77	Pass		
			14	22.77	-0.9	19.72	<=34.77	Pass		
		8	0	22.12	-0.9	19.07	<=34.77	Pass		
			4	22.16	-0.9	19.11	<=34.77	Pass		
			7	21.98	-0.9	18.93	<=34.77	Pass		
		15	0	22.05	-0.9	19	<=34.77	Pass		
		707.5	1	0	23.33	-0.9	20.28	<=34.77	Pass	
				7	23.52	-0.9	20.47	<=34.77	Pass	
	14			23.26	-0.9	20.21	<=34.77	Pass		
	8		0	22.39	-0.9	19.34	<=34.77	Pass		
			4	22.33	-0.9	19.28	<=34.77	Pass		
			7	22.19	-0.9	19.14	<=34.77	Pass		
	15	0	22.15	-0.9	19.1	<=34.77	Pass			
	714.5	1	0	23.31	-0.9	20.26	<=34.77	Pass		
			7	23.43	-0.9	20.38	<=34.77	Pass		
			14	23.13	-0.9	20.08	<=34.77	Pass		
		8	0	22.42	-0.9	19.37	<=34.77	Pass		
			4	22.30	-0.9	19.25	<=34.77	Pass		
			7	22.17	-0.9	19.12	<=34.77	Pass		
		15	0	22.22	-0.9	19.17	<=34.77	Pass		
		16QAM	700.5	1	0	22.18	-0.9	19.13	<=34.77	Pass
					7	22.06	-0.9	19.01	<=34.77	Pass
	14				21.54	-0.9	18.49	<=34.77	Pass	
	8			0	20.93	-0.9	17.88	<=34.77	Pass	
				4	21.07	-0.9	18.02	<=34.77	Pass	
				7	20.91	-0.9	17.86	<=34.77	Pass	
15	0			20.92	-0.9	17.87	<=34.77	Pass		
707.5	1			0	22.21	-0.9	19.16	<=34.77	Pass	
				7	22.03	-0.9	18.98	<=34.77	Pass	
			14	21.84	-0.9	18.79	<=34.77	Pass		
	8		0	21.44	-0.9	18.39	<=34.77	Pass		
			4	21.22	-0.9	18.17	<=34.77	Pass		
			7	21.38	-0.9	18.33	<=34.77	Pass		
15	0		21.43	-0.9	18.38	<=34.77	Pass			
714.5	1		0	22.15	-0.9	19.1	<=34.77	Pass		
			7	22.07	-0.9	19.02	<=34.77	Pass		
			14	21.51	-0.9	18.46	<=34.77	Pass		
	8		0	21.12	-0.9	18.07	<=34.77	Pass		
			4	21.11	-0.9	18.06	<=34.77	Pass		
			7	20.89	-0.9	17.84	<=34.77	Pass		
	15		0	21.16	-0.9	18.11	<=34.77	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	701.5	1	0	22.95	-0.9	19.9	<=34.77	Pass		
			13	23.03	-0.9	19.98	<=34.77	Pass		
			24	22.78	-0.9	19.73	<=34.77	Pass		
		12	0	22.18	-0.9	19.13	<=34.77	Pass		
			6	22.26	-0.9	19.21	<=34.77	Pass		
			13	21.98	-0.9	18.93	<=34.77	Pass		
		25	0	22.12	-0.9	19.07	<=34.77	Pass		
		707.5	1	0	23.22	-0.9	20.17	<=34.77	Pass	
				13	23.42	-0.9	20.37	<=34.77	Pass	
	24			22.94	-0.9	19.89	<=34.77	Pass		
	12		0	22.22	-0.9	19.17	<=34.77	Pass		
			6	22.32	-0.9	19.27	<=34.77	Pass		
			13	22.00	-0.9	18.95	<=34.77	Pass		
	25	0	22.18	-0.9	19.13	<=34.77	Pass			
	713.5	1	0	23.01	-0.9	19.96	<=34.77	Pass		
			13	23.40	-0.9	20.35	<=34.77	Pass		
			24	23.07	-0.9	20.02	<=34.77	Pass		
		12	0	22.08	-0.9	19.03	<=34.77	Pass		
			6	22.20	-0.9	19.15	<=34.77	Pass		
			13	22.06	-0.9	19.01	<=34.77	Pass		
		25	0	22.14	-0.9	19.09	<=34.77	Pass		
		16QAM	701.5	1	0	21.70	-0.9	18.65	<=34.77	Pass
					13	21.96	-0.9	18.91	<=34.77	Pass
	24				21.52	-0.9	18.47	<=34.77	Pass	
12	0			20.96	-0.9	17.91	<=34.77	Pass		
	6			20.96	-0.9	17.91	<=34.77	Pass		
	13			21.09	-0.9	18.04	<=34.77	Pass		
25	0			21.30	-0.9	18.25	<=34.77	Pass		
707.5	1		0	22.10	-0.9	19.05	<=34.77	Pass		
			13	21.75	-0.9	18.7	<=34.77	Pass		
			24	21.62	-0.9	18.57	<=34.77	Pass		
	12		0	21.04	-0.9	17.99	<=34.77	Pass		
			6	21.14	-0.9	18.09	<=34.77	Pass		
			13	20.91	-0.9	17.86	<=34.77	Pass		
25	0		21.08	-0.9	18.03	<=34.77	Pass			
713.5	1		0	21.52	-0.9	18.47	<=34.77	Pass		
		13	22.06	-0.9	19.01	<=34.77	Pass			
		24	21.40	-0.9	18.35	<=34.77	Pass			
	12	0	20.90	-0.9	17.85	<=34.77	Pass			
		6	21.02	-0.9	17.97	<=34.77	Pass			
		13	21.09	-0.9	18.04	<=34.77	Pass			
25	0	21.25	-0.9	18.2	<=34.77	Pass				
Note1: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	704	1	0	22.80	-0.9	19.75	<=34.77	Pass		
			25	23.13	-0.9	20.08	<=34.77	Pass		
			49	22.94	-0.9	19.89	<=34.77	Pass		
		25	0	22.11	-0.9	19.06	<=34.77	Pass		
			13	22.08	-0.9	19.03	<=34.77	Pass		
			25	22.10	-0.9	19.05	<=34.77	Pass		
		50	0	22.15	-0.9	19.1	<=34.77	Pass		
		707.5	1	0	23.06	-0.9	20.01	<=34.77	Pass	
				25	23.59	-0.9	20.54	<=34.77	Pass	
	49			23.03	-0.9	19.98	<=34.77	Pass		
	25		0	22.20	-0.9	19.15	<=34.77	Pass		
			13	22.17	-0.9	19.12	<=34.77	Pass		
			25	22.14	-0.9	19.09	<=34.77	Pass		
	50		0	22.18	-0.9	19.13	<=34.77	Pass		
	711		1	0	23.22	-0.9	20.17	<=34.77	Pass	
				25	23.45	-0.9	20.4	<=34.77	Pass	
		49		23.14	-0.9	20.09	<=34.77	Pass		
		25	0	22.20	-0.9	19.15	<=34.77	Pass		
			13	22.21	-0.9	19.16	<=34.77	Pass		
			25	22.20	-0.9	19.15	<=34.77	Pass		
		50	0	22.21	-0.9	19.16	<=34.77	Pass		
		16QAM	704	1	0	21.74	-0.9	18.69	<=34.77	Pass
					25	22.30	-0.9	19.25	<=34.77	Pass
	49				21.71	-0.9	18.66	<=34.77	Pass	
25	0			21.21	-0.9	18.16	<=34.77	Pass		
	13			21.13	-0.9	18.08	<=34.77	Pass		
	25			21.19	-0.9	18.14	<=34.77	Pass		
50	0			21.32	-0.9	18.27	<=34.77	Pass		
707.5	1			0	21.54	-0.9	18.49	<=34.77	Pass	
				25	21.68	-0.9	18.63	<=34.77	Pass	
			49	21.16	-0.9	18.11	<=34.77	Pass		
	25		0	21.30	-0.9	18.25	<=34.77	Pass		
			13	21.17	-0.9	18.12	<=34.77	Pass		
			25	21.15	-0.9	18.1	<=34.77	Pass		
	50		0	21.28	-0.9	18.23	<=34.77	Pass		
	711		1	0	22.05	-0.9	19	<=34.77	Pass	
				25	22.15	-0.9	19.1	<=34.77	Pass	
49				21.60	-0.9	18.55	<=34.77	Pass		
25			0	21.18	-0.9	18.13	<=34.77	Pass		
			13	21.48	-0.9	18.43	<=34.77	Pass		
			25	21.22	-0.9	18.17	<=34.77	Pass		
50			0	21.31	-0.9	18.26	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Field Strength of Spurious Radiation

Test Band = LTE Band 12_ 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	1399.18	62.65	-50.01	24.10	-58.52	-13.00	45.52	Horizontal
2	2098.77	68.38	-49.46	26.48	-49.86	-13.00	36.86	Horizontal
3	2798.36	58.46	-48.68	27.74	-57.75	-13.00	44.75	Horizontal
4	3497.95	50.47	-48.44	28.50	-64.73	-13.00	51.73	Horizontal
5	4197.54	48.33	-48.36	29.62	-65.67	-13.00	52.67	Horizontal
6	4897.13	49.40	-48.17	30.97	-63.05	-13.00	50.05	Horizontal

Test Band = LTE Band 12_ 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	1399	51.79	-50.01	24.10	-69.38	-13.00	56.38	Vertical
2	2098.77	57.94	-49.46	26.48	-60.30	-13.00	47.30	Vertical
3	2798.36	53.65	-48.68	27.74	-62.56	-13.00	49.56	Vertical
4	3497.95	51.11	-48.44	28.50	-64.09	-13.00	51.09	Vertical
5	4197.54	47.78	-48.36	29.62	-66.22	-13.00	53.22	Vertical
6	4897.13	48.83	-48.17	30.97	-63.62	-13.00	50.62	Vertical

Test Band = LTE Band 12_ 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	1406	61.28	-50.00	24.14	-59.84	-13.00	46.84	Horizontal
2	2109.27	69.70	-49.46	26.50	-48.53	-13.00	35.53	Horizontal
3	2812.36	57.01	-48.69	27.76	-59.18	-13.00	46.18	Horizontal
4	3515.45	51.05	-48.44	28.52	-64.12	-13.00	51.12	Horizontal
5	4218.54	48.79	-48.30	29.65	-65.12	-13.00	52.12	Horizontal
6	4921.63	49.75	-48.12	31.03	-62.61	-13.00	49.61	Horizontal

Test Band = LTE Band 12_ 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	1406	54.12	-50.00	24.14	-67.00	-13.00	54.00	Vertical
2	2109.27	59.02	-49.46	26.50	-59.21	-13.00	46.21	Vertical
3	2812.36	52.32	-48.69	27.76	-63.87	-13.00	50.87	Vertical
4	3515.45	52.51	-48.44	28.52	-62.66	-13.00	49.66	Vertical
5	4218.54	48.00	-48.30	29.65	-65.91	-13.00	52.91	Vertical
6	4921.63	49.16	-48.12	31.03	-63.20	-13.00	50.20	Vertical

Test Band = LTE Band 12_ 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	1413	61.30	-49.99	24.19	-59.76	-13.00	46.76	Horizontal
2	2119.77	71.76	-49.47	26.52	-46.45	-13.00	33.45	Horizontal
3	2826.36	57.41	-48.71	27.79	-58.77	-13.00	45.77	Horizontal
4	3532.95	53.52	-48.45	28.55	-61.63	-13.00	48.63	Horizontal
5	4239.54	49.18	-48.23	29.68	-64.62	-13.00	51.62	Horizontal
6	4946.13	49.61	-48.07	31.08	-62.64	-13.00	49.64	Horizontal

Test Band = LTE Band 12_ 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	1413	54.27	-49.99	24.19	-66.79	-13.00	53.79	Vertical
2	2119.77	58.47	-49.47	26.52	-59.74	-13.00	46.74	Vertical
3	2826.36	56.65	-48.71	27.79	-59.53	-13.00	46.53	Vertical
4	3532.95	53.13	-48.45	28.55	-62.02	-13.00	49.02	Vertical
5	4239.54	48.55	-48.23	29.68	-65.25	-13.00	52.25	Vertical
6	4946.13	49.45	-48.07	31.08	-62.80	-13.00	49.80	Vertical