1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	22.02	6	28.02	<=33.00	Pass
			13	22.03	6	28.03	<=33.00	Pass
			24	22.01	6	28.01	<=33.00	Pass
		12	0	21.09	6	27.09	<=33.00	Pass
			6	21.18	6	27.18	<=33.00	Pass
			13	21.01	6	27.01	<=33.00	Pass
		25	0	21.07	6	27.07	<=33.00	Pass
	2595	1	0	22.00	6	28	<=33.00	Pass
			13	22.03	6	28.03	<=33.00	Pass
			24	21.85	6	27.85	<=33.00	Pass
		12	0	21.10	6	27.1	<=33.00	Pass
			6	21.17	6	27.17	<=33.00	Pass
			13	21.09	6	27.09	<=33.00	Pass
		25	0	21.15	6	27.15	<=33.00	Pass
	2617.5	1	0	21.94	6	27.94	<=33.00	Pass
			13	21.78	6	27.78	<=33.00	Pass
			24	21.59	6	27.59	<=33.00	Pass
		12	0	20.89	6	26.89	<=33.00	Pass
			6	20.95	6	26.95	<=33.00	Pass
			13	20.78	6	26.78	<=33.00	Pass
		25	0	20.84	6	26.84	<=33.00	Pass
16QAM	2572.5	1	0	20.57	6	26.57	<=33.00	Pass
			13	20.80	6	26.8	<=33.00	Pass
			24	20.49	6	26.49	<=33.00	Pass
		12	0	20.04	6	26.04	<=33.00	Pass
			6	20.07	6	26.07	<=33.00	Pass
			13	19.91	6	25.91	<=33.00	Pass
		25	0	20.31	6	26.31	<=33.00	Pass
	2595	1	0	20.64	6	26.64	<=33.00	Pass
			13	21.16	6	27.16	<=33.00	Pass
			24	20.61	6	26.61	<=33.00	Pass
		12	0	20.03	6	26.03	<=33.00	Pass
			6	20.09	6	26.09	<=33.00	Pass
			13	19.90	6	25.9	<=33.00	Pass
		25	0	20.00	6	26	<=33.00	Pass
	2617.5	1	0	20.34	6	26.34	<=33.00	Pass
			13	20.83	6	26.83	<=33.00	Pass
			24	20.15	6	26.15	<=33.00	Pass
		12	0	19.64	6	25.64	<=33.00	Pass
			6	19.69	6	25.69	<=33.00	Pass
			13	19.64	6	25.64	<=33.00	Pass
		25	0	19.60	6	25.6	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	21.98	6	27.98	<=33.00	Pass
			25	22.24	6	28.24	<=33.00	Pass
			49	21.96	6	27.96	<=33.00	Pass
		25	0	21.18	6	27.18	<=33.00	Pass
			13	21.16	6	27.16	<=33.00	Pass
			25	21.06	6	27.06	<=33.00	Pass
		50	0	21.15	6	27.15	<=33.00	Pass
	2595	1	0	21.74	6	27.74	<=33.00	Pass
			25	22.21	6	28.21	<=33.00	Pass
			49	21.95	6	27.95	<=33.00	Pass
		25	0	21.10	6	27.1	<=33.00	Pass
			13	21.05	6	27.05	<=33.00	Pass
			25	20.95	6	26.95	<=33.00	Pass
		50	0	21.04	6	27.04	<=33.00	Pass
	2615	1	0	21.90	6	27.9	<=33.00	Pass
			25	21.84	6	27.84	<=33.00	Pass
			49	21.44	6	27.44	<=33.00	Pass
		25	0	20.90	6	26.9	<=33.00	Pass
			13	20.88	6	26.88	<=33.00	Pass
			25	20.74	6	26.74	<=33.00	Pass
		50	0	20.88	6	26.88	<=33.00	Pass
16QAM	2575	1	0	20.67	6	26.67	<=33.00	Pass
			25	20.82	6	26.82	<=33.00	Pass
			49	20.63	6	26.63	<=33.00	Pass
		25	0	20.40	6	26.4	<=33.00	Pass
			13	20.36	6	26.36	<=33.00	Pass
			25	20.01	6	26.01	<=33.00	Pass
		50	0	20.19	6	26.19	<=33.00	Pass
	2595	1	0	20.65	6	26.65	<=33.00	Pass
			25	20.74	6	26.74	<=33.00	Pass
			49	20.45	6	26.45	<=33.00	Pass
		25	0	20.09	6	26.09	<=33.00	Pass
			13	20.34	6	26.34	<=33.00	Pass
			25	19.94	6	25.94	<=33.00	Pass
		50	0	20.17	6	26.17	<=33.00	Pass
	2615	1	0	20.41	6	26.41	<=33.00	Pass
			25	20.43	6	26.43	<=33.00	Pass
			49	20.25	6	26.25	<=33.00	Pass
		25	0	19.76	6	25.76	<=33.00	Pass
			13	20.18	6	26.18	<=33.00	Pass
			25	20.03	6	26.03	<=33.00	Pass
		50	0	19.80	6	25.8	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	21.87	6	27.87	<=33.00	Pass
			38	22.01	6	28.01	<=33.00	Pass
			74	21.84	6	27.84	<=33.00	Pass
		36	0	21.07	6	27.07	<=33.00	Pass
			18	21.06	6	27.06	<=33.00	Pass
			39	21.01	6	27.01	<=33.00	Pass
		75	0	20.98	6	26.98	<=33.00	Pass
	2595	1	0	21.80	6	27.8	<=33.00	Pass
			38	22.14	6	28.14	<=33.00	Pass
			74	21.72	6	27.72	<=33.00	Pass
		36	0	21.01	6	27.01	<=33.00	Pass
			18	21.07	6	27.07	<=33.00	Pass
			39	20.94	6	26.94	<=33.00	Pass
		75	0	20.97	6	26.97	<=33.00	Pass
	2612.5	1	0	22.00	6	28	<=33.00	Pass
			38	21.90	6	27.9	<=33.00	Pass
			74	21.44	6	27.44	<=33.00	Pass
		36	0	20.77	6	26.77	<=33.00	Pass
			18	20.89	6	26.89	<=33.00	Pass
			39	20.82	6	26.82	<=33.00	Pass
		75	0	20.83	6	26.83	<=33.00	Pass
16QAM	2577.5	1	0	20.54	6	26.54	<=33.00	Pass
			38	20.77	6	26.77	<=33.00	Pass
			74	20.48	6	26.48	<=33.00	Pass
		36	0	20.05	6	26.05	<=33.00	Pass
			18	19.94	6	25.94	<=33.00	Pass
			39	19.87	6	25.87	<=33.00	Pass
		75	0	19.97	6	25.97	<=33.00	Pass
	2595	1	0	20.46	6	26.46	<=33.00	Pass
			38	21.08	6	27.08	<=33.00	Pass
			74	20.48	6	26.48	<=33.00	Pass
		36	0	20.03	6	26.03	<=33.00	Pass
			18	20.11	6	26.11	<=33.00	Pass
			39	19.78	6	25.78	<=33.00	Pass
		75	0	20.09	6	26.09	<=33.00	Pass
	2612.5	1	0	20.44	6	26.44	<=33.00	Pass
			38	20.41	6	26.41	<=33.00	Pass
			74	20.18	6	26.18	<=33.00	Pass
		36	0	19.73	6	25.73	<=33.00	Pass
			18	19.98	6	25.98	<=33.00	Pass
			39	19.70	6	25.7	<=33.00	Pass
		75	0	19.83	6	25.83	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	21.87	6	27.87	<=33.00	Pass
			50	22.17	6	28.17	<=33.00	Pass
			99	21.79	6	27.79	<=33.00	Pass
		50	0	21.09	6	27.09	<=33.00	Pass
			25	21.02	6	27.02	<=33.00	Pass
			50	20.95	6	26.95	<=33.00	Pass
		100	0	20.96	6	26.96	<=33.00	Pass
	2595	1	0	21.91	6	27.91	<=33.00	Pass
			50	22.10	6	28.1	<=33.00	Pass
			99	21.87	6	27.87	<=33.00	Pass
		50	0	21.08	6	27.08	<=33.00	Pass
			25	21.10	6	27.1	<=33.00	Pass
			50	20.99	6	26.99	<=33.00	Pass
		100	0	20.95	6	26.95	<=33.00	Pass
	2610	1	0	21.70	6	27.7	<=33.00	Pass
			50	21.86	6	27.86	<=33.00	Pass
			99	21.49	6	27.49	<=33.00	Pass
		50	0	20.94	6	26.94	<=33.00	Pass
			25	20.83	6	26.83	<=33.00	Pass
			50	20.80	6	26.8	<=33.00	Pass
		100	0	20.79	6	26.79	<=33.00	Pass
16QAM	2580	1	0	20.49	6	26.49	<=33.00	Pass
			50	21.08	6	27.08	<=33.00	Pass
			99	20.37	6	26.37	<=33.00	Pass
		50	0	20.12	6	26.12	<=33.00	Pass
			25	19.98	6	25.98	<=33.00	Pass
			50	19.84	6	25.84	<=33.00	Pass
		100	0	19.96	6	25.96	<=33.00	Pass
	2595	1	0	20.51	6	26.51	<=33.00	Pass
			50	21.08	6	27.08	<=33.00	Pass
			99	20.30	6	26.3	<=33.00	Pass
		50	0	20.10	6	26.1	<=33.00	Pass
			25	20.02	6	26.02	<=33.00	Pass
			50	19.91	6	25.91	<=33.00	Pass
		100	0	19.85	6	25.85	<=33.00	Pass
	2610	1	0	20.55	6	26.55	<=33.00	Pass
			50	20.75	6	26.75	<=33.00	Pass
			99	20.11	6	26.11	<=33.00	Pass
		50	0	20.02	6	26.02	<=33.00	Pass
			25	19.77	6	25.77	<=33.00	Pass
			50	19.54	6	25.54	<=33.00	Pass
		100	0	19.73	6	25.73	<=33.00	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Field Strength of Spurious Radiation

Test Band = LTE Band 38_ 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	5142	62.92	-47.85	31.60	-48.59	-25.00	23.59	Horizontal
2	7713.27	52.79	-45.17	36.36	-51.28	-25.00	26.28	Horizontal
3	10284.36	51.63	-41.30	39.00	-45.93	-25.00	20.93	Horizontal
4	12855.45	49.30	-39.37	38.89	-46.45	-25.00	21.45	Horizontal
5	15426.54	51.52	-37.45	39.43	-41.76	-25.00	16.76	Horizontal
6	17997.63	50.87	-36.60	44.79	-36.20	-25.00	11.20	Horizontal

Test Band = LTE Band 38_ 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	5142	60.07	-47.85	31.60	-51.44	-25.00	26.44	Vertical
2	7713.27	53.34	-45.17	36.36	-50.73	-25.00	25.73	Vertical
3	10284.36	51.17	-41.30	39.00	-46.39	-25.00	21.39	Vertical
4	12855.45	50.28	-39.37	38.89	-45.47	-25.00	20.47	Vertical
5	15426.54	51.45	-37.45	39.43	-41.83	-25.00	16.83	Vertical
6	17997.63	50.48	-36.60	44.79	-36.59	-25.00	11.59	Vertical

Test Band = LTE Band 38_ 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	17820.5	52.13	-37.22	43.72	-36.63	-25.00	11.63	Horizontal
2	5172.18	61.36	-47.87	31.68	-50.09	-25.00	25.09	Horizontal
3	7758.27	51.32	-45.03	36.35	-52.63	-25.00	27.63	Horizontal
4	10344.36	51.93	-41.19	39.04	-45.48	-25.00	20.48	Horizontal
5	12930.45	48.76	-39.42	38.84	-47.08	-25.00	22.08	Horizontal
6	15516.54	50.75	-37.99	39.27	-43.23	-25.00	18.23	Horizontal

Test Band = LTE Band 38_ 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	5172	58.05	-47.87	31.68	-53.40	-25.00	28.40	Vertical
2	17987	52.65	-36.58	44.72	-34.47	-25.00	9.47	Vertical
3	7758.27	52.55	-45.03	36.35	-51.40	-25.00	26.40	Vertical
4	10344.36	56.57	-41.19	39.04	-40.84	-25.00	15.84	Vertical
5	12930.45	51.81	-39.42	38.84	-44.03	-25.00	19.03	Vertical
6	15516.54	51.73	-37.99	39.27	-42.25	-25.00	17.25	Vertical

Test Band = LTE Band 38_ 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	5202	69.98	-47.89	31.77	-41.40	-25.00	16.40	Horizontal
2	7803	55.10	-44.93	36.34	-48.75	-25.00	23.75	Horizontal
3	17946	52.65	-36.51	44.48	-34.65	-25.00	9.65	Horizontal
4	10404.36	53.66	-41.21	39.08	-43.73	-25.00	18.73	Horizontal
5	13005.45	49.19	-39.34	38.81	-46.60	-25.00	21.60	Horizontal
6	15606.54	51.37	-37.65	39.11	-42.43	-25.00	17.43	Horizontal

Test Band = LTE Band 38_ 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	10404	57.52	-41.22	39.08	-39.87	-25.00	14.87	Vertical
2	17991	52.52	-36.59	44.75	-34.58	-25.00	9.58	Vertical
3	5202.18	65.35	-47.89	31.77	-46.03	-25.00	21.03	Vertical
4	7803.27	54.99	-44.93	36.34	-48.86	-25.00	23.86	Vertical
5	13005.45	50.30	-39.34	38.81	-45.49	-25.00	20.49	Vertical
6	15606.54	51.27	-37.65	39.11	-42.53	-25.00	17.53	Vertical