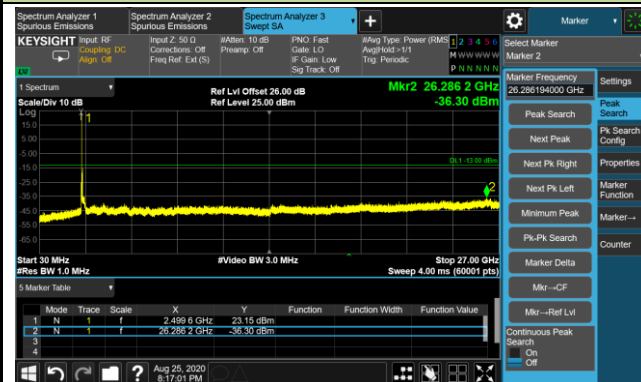
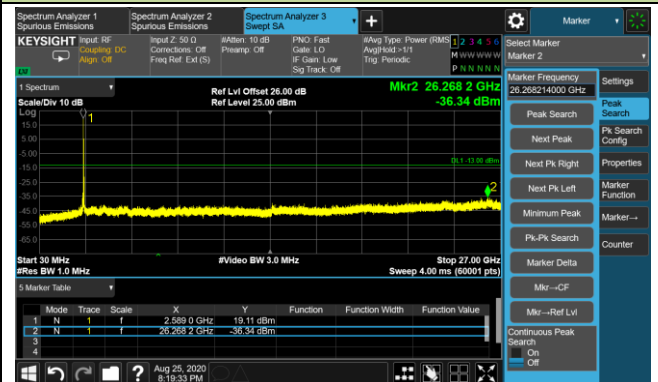


15+20MHz Channel Bandwidth

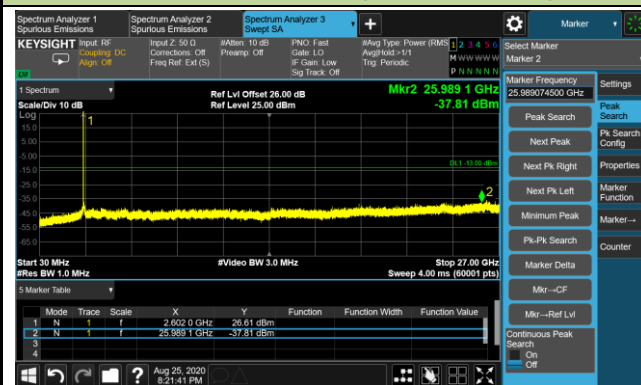
Lowest Channel



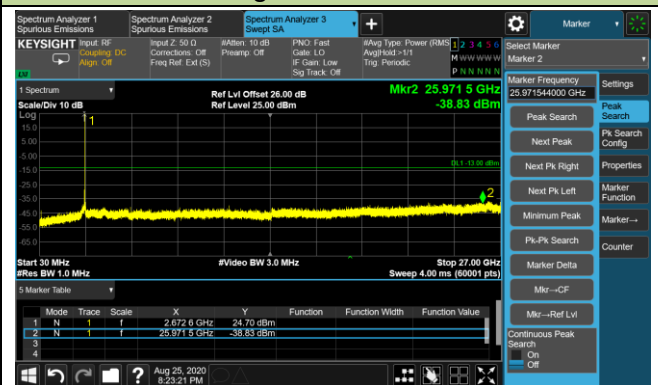
Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@74 and 1RB@0

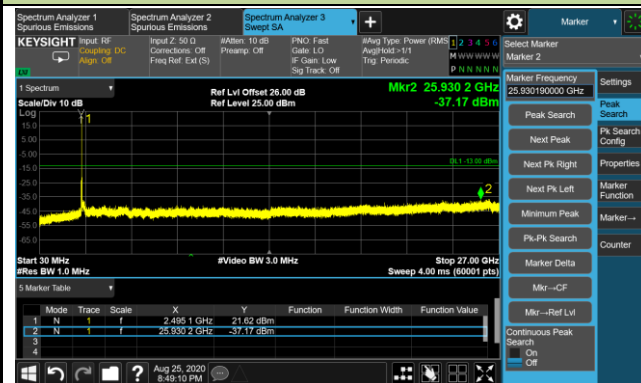


Highest Channel



15+15MHz Channel Bandwidth

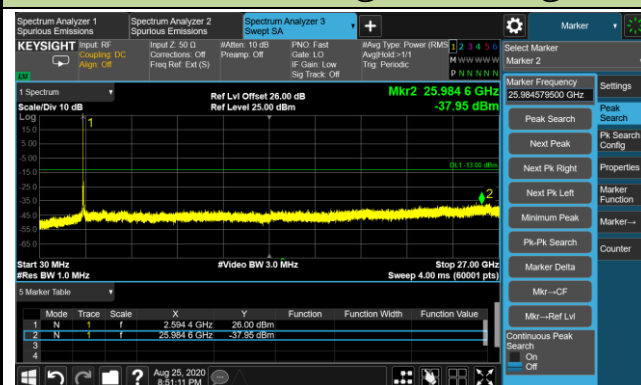
Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@74 and 1RB@0

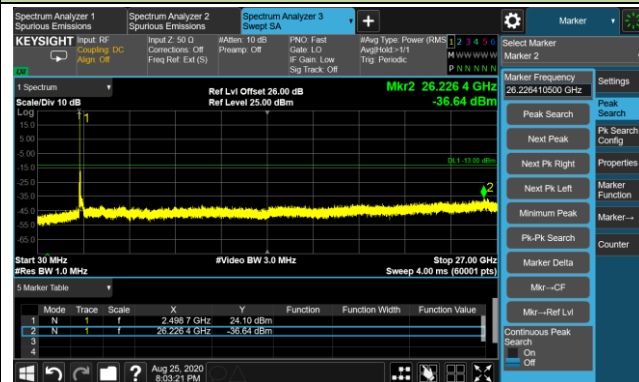


Highest Channel

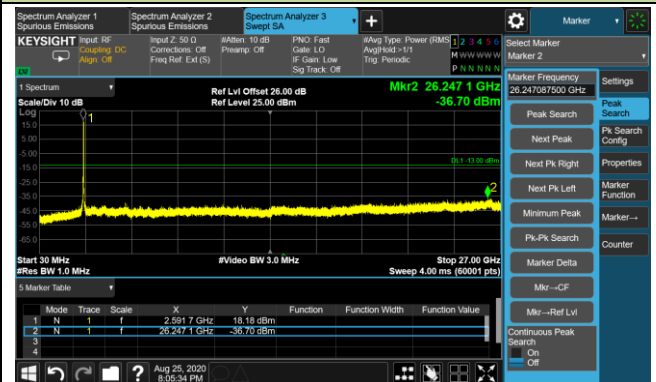


15+10MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@74 and 1RB@0

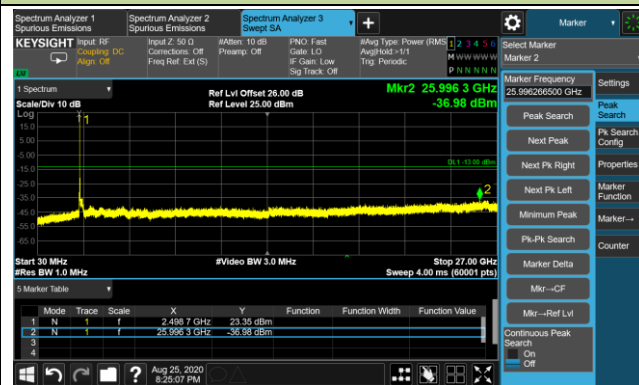


Highest Channel

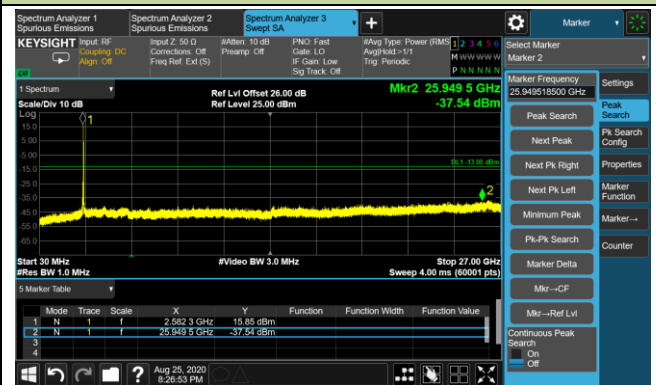


10+20MHz Channel Bandwidth

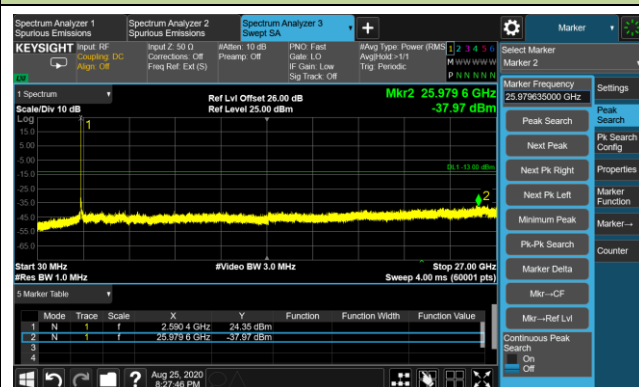
Lowest Channel



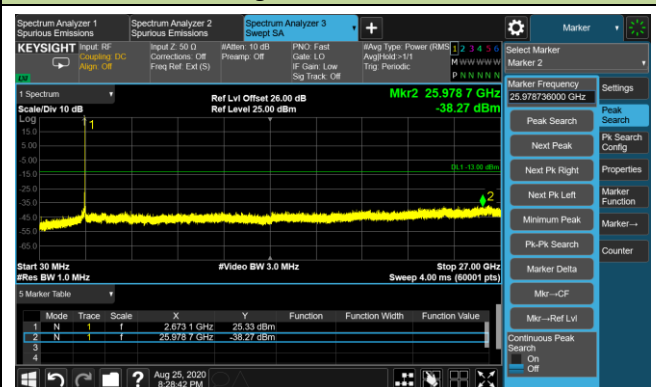
Middle Channel/1RB@49 and 1RB@99



Middle Channel/1RB@49 and 1RB@0



Highest Channel

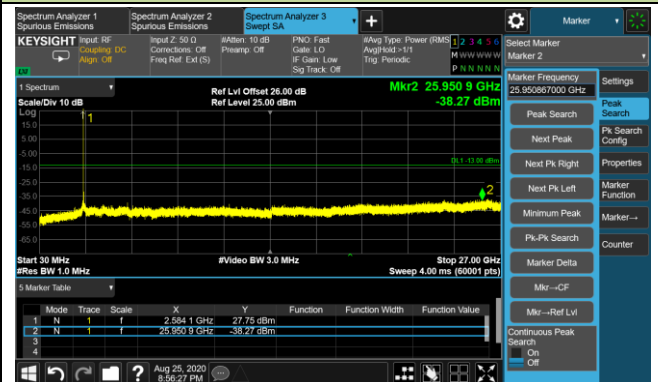


10+15MHz Channel Bandwidth

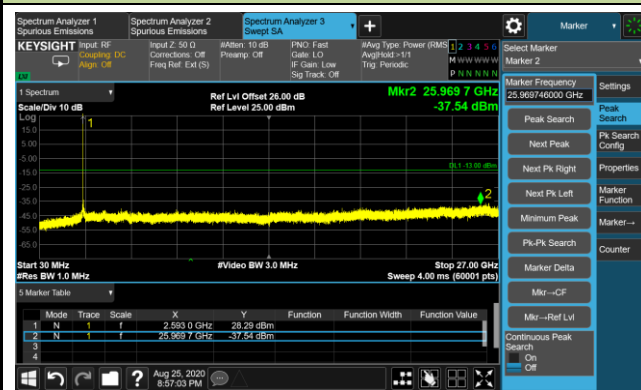
Lowest Channel



Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@49 and 1RB@0

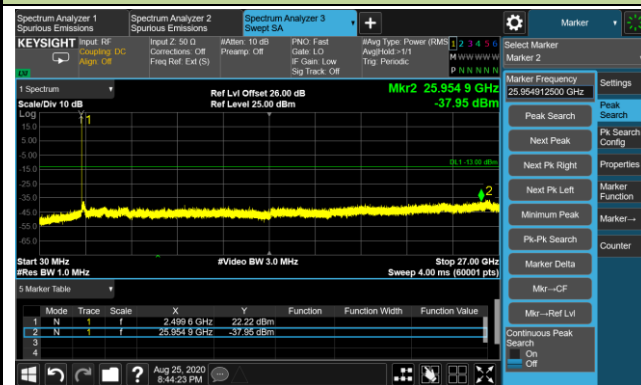


Highest Channel



5+20MHz Channel Bandwidth

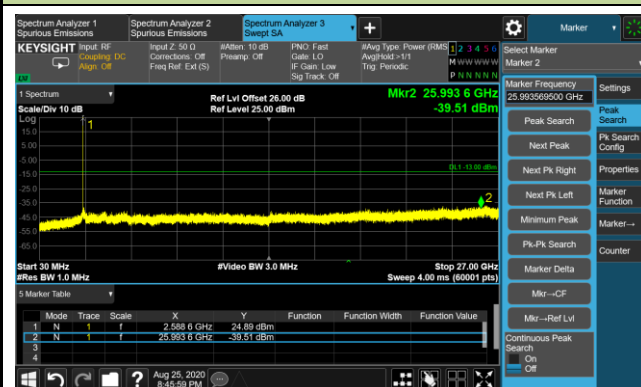
Lowest Channel



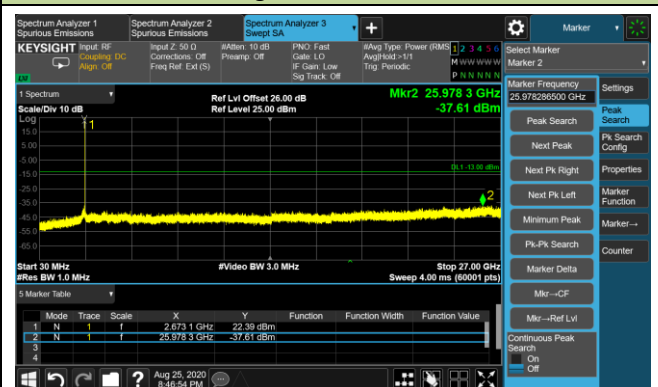
Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@24 and 1RB@0



Highest Channel



5.6. Radiated Spurious Emissions Measurements

5.6.1. Test Limit

Out of band emissions: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

$E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20 \log D + 104.8$; where D is the measurement distance in meters. The emission limit equal to 82.2dB μ V/m.

5.6.2. Test Procedure Used

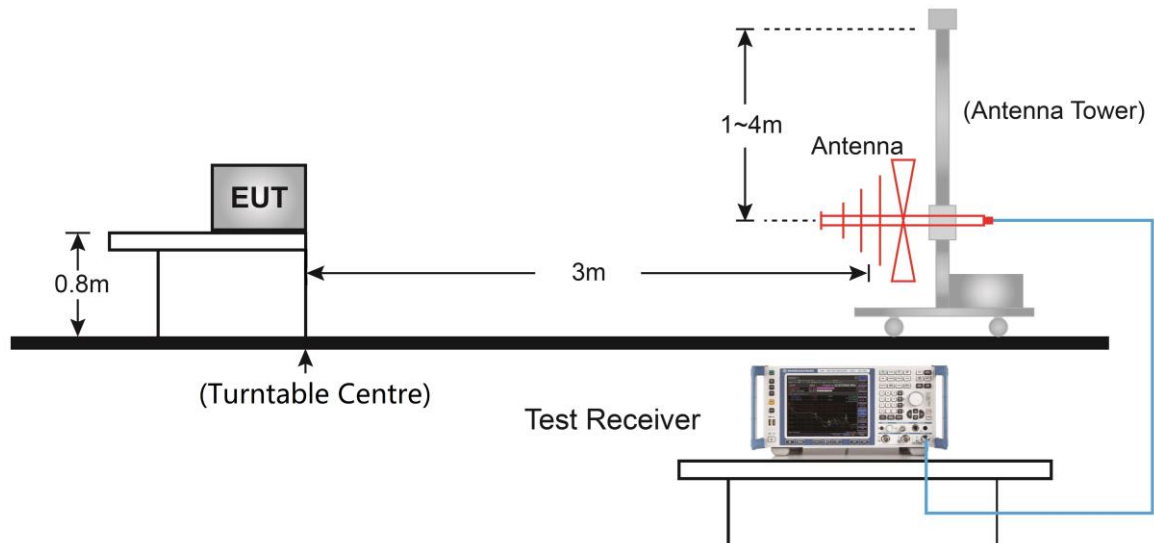
ANSI C63.26-2015 - Section 5.2.7 & 5.5

5.6.3. Test Setting

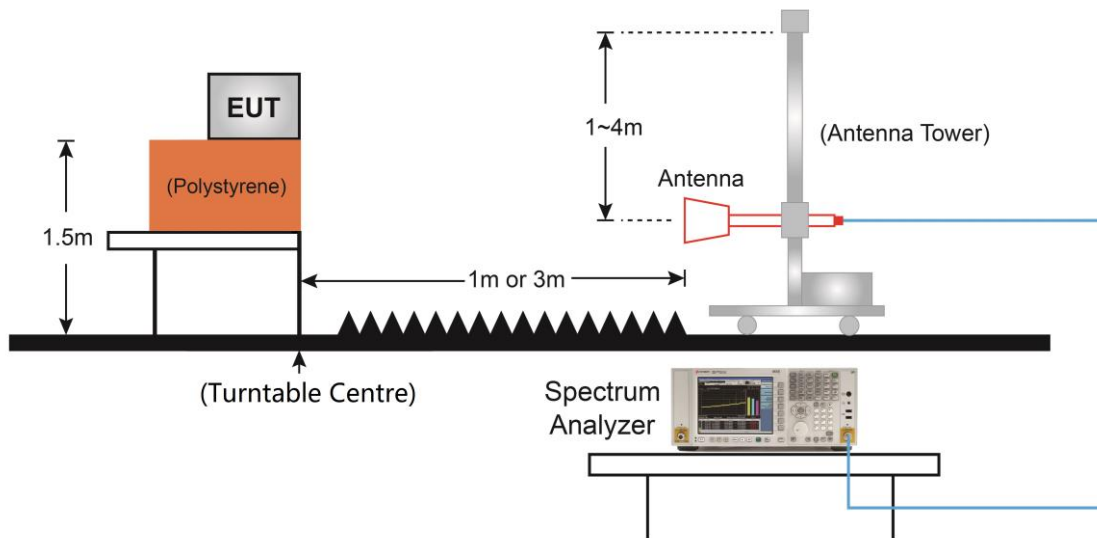
1. RBW = 100kHz or 1MHz
2. VBW $\geq 3 \times$ RBW
3. Sweep time $\geq 10 \times$ (number of points in sweep) $\times$ (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

5.6.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.6.5. Test Result

Model Number	4G03-A	Test Engineer	Edgar Ma
Test Site	AC1	Test Date	2020/09/04
Test Item	LTE Band 7C_QPSK, BW = 10 + 20MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel (2505.5 + 2519.9MHz)							
749.74	16.04	28.19	44.23	82.20	-37.97	Peak	Horizontal
874.87	12.53	29.67	42.20	82.20	-40.00	Peak	Horizontal
33.88	20.45	17.56	38.01	82.20	-44.19	Peak	Horizontal
749.74	10.65	28.19	38.84	82.20	-43.36	Peak	Horizontal
7086.00	34.08	7.86	41.94	82.20	-40.26	Peak	Vertical
10001.50	37.10	11.15	48.25	82.20	-33.95	Peak	Vertical
7502.50	37.02	8.03	45.05	82.20	-37.15	Peak	Vertical
10001.50	37.06	11.15	48.21	82.20	-33.99	Peak	Vertical
Middle Channel (2525.6 + 2540.0MHz)							
749.74	16.45	28.19	44.64	82.20	-37.56	Peak	Horizontal
874.87	11.75	29.67	41.42	82.20	-40.78	Peak	Horizontal
34.85	18.03	17.81	35.84	82.20	-46.36	Peak	Horizontal
750.23	11.49	28.20	39.69	82.20	-42.51	Peak	Horizontal
7026.50	34.74	6.95	41.69	82.20	-40.51	Peak	Vertical
10086.50	38.37	11.10	49.47	82.20	-32.73	Peak	Vertical
7562.00	35.94	8.13	44.07	82.20	-38.13	Peak	Vertical
10086.50	37.89	11.10	48.99	82.20	-33.21	Peak	Vertical
Top Channel (2545.6 + 2560MHz)							
374.84	13.81	21.85	35.66	82.20	-46.54	Peak	Horizontal
750.23	16.46	28.20	44.66	82.20	-37.54	Peak	Horizontal
34.85	17.61	17.81	35.42	82.20	-46.78	Peak	Horizontal
374.84	12.30	21.85	34.15	82.20	-48.05	Peak	Horizontal
7919.00	34.28	8.22	42.50	82.20	-39.70	Peak	Vertical
10537.00	33.68	12.78	46.46	82.20	-35.74	Peak	Vertical
10163.00	35.26	11.69	46.95	82.20	-35.25	Peak	Vertical
11591.00	32.40	16.44	48.84	82.20	-33.36	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Model Number	4G03-A	Test Engineer	Dillon Diao
Test Site	AC1	Test Date	2020/08/03
Test Item	LTE Band 41C_QPSK, BW = 5 + 20MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Bottom Channel (2499.3 + 2511MHz)							
750.23	20.56	24.37	44.93	82.20	-37.27	Peak	Horizontal
874.87	17.15	25.49	42.64	82.20	-39.56	Peak	Horizontal
374.84	20.36	16.72	37.08	82.20	-45.12	Peak	Horizontal
874.87	11.30	25.49	36.79	82.20	-45.41	Peak	Horizontal
5003.50	40.53	6.16	46.69	82.20	-35.51	Peak	Vertical
11038.50	40.08	16.26	56.34	82.20	-25.86	Peak	Vertical
5063.00	40.42	6.61	47.03	82.20	-35.17	Peak	Vertical
10545.50	40.25	16.47	56.72	82.20	-25.48	Peak	Vertical
Middle Channel (2583.8 + 2595.5MHz)							
749.74	20.79	24.36	45.15	82.20	-37.05	Peak	Horizontal
874.87	16.45	25.49	41.94	82.20	-40.26	Peak	Horizontal
374.84	20.26	16.72	36.98	82.20	-45.22	Peak	Horizontal
874.87	11.41	25.49	36.90	82.20	-45.30	Peak	Horizontal
5165.00	46.57	6.43	53.00	82.20	-29.20	Peak	Vertical
10579.50	40.43	16.23	56.66	82.20	-25.54	Peak	Vertical
5165.00	44.32	6.43	50.75	82.20	-31.45	Peak	Vertical
10673.00	40.11	16.05	56.16	82.20	-26.04	Peak	Vertical
Top Channel (2668.3 + 2680MHz)							
750.23	20.73	24.37	45.10	82.20	-37.10	Peak	Horizontal
874.87	16.47	25.49	41.96	82.20	-40.24	Peak	Horizontal
749.74	15.22	24.36	39.58	82.20	-42.62	Peak	Horizontal
874.87	11.98	25.49	37.47	82.20	-44.73	Peak	Horizontal
5335.00	42.56	6.50	49.06	82.20	-33.14	Peak	Vertical
10273.50	39.54	15.79	55.33	82.20	-26.87	Peak	Vertical
5335.00	41.53	6.50	48.03	82.20	-34.17	Peak	Vertical
10664.50	39.81	15.95	55.76	82.20	-26.44	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

6. CONCLUSION

The data collected relate only the item(s) tested and show that unit is compliance with FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2007RSU064-UT” file.

Appendix B - EUT Photograph

Refer to “2007RSU064-UE” file.