

FCC Co-location Test Report

Equipment : Rugged Tablet Computer
Brand Name : AAEON
Model No. : xRTC-1200x (x - Where x may be any combination of alphanumeric characters or "-" or blank.)
FCC ID : OHBRTC1200WBGH
Standard : 47 CFR FCC Part 15
Applicant / Manufacturer : AAEON Technology Inc.
5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien Dist.,
New Taipei City 23145, Taiwan, R.O.C

The product sample received on Nov. 21, 2016 and completely tested on Dec. 09, 2016. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by:



Phoenix Chen / Assistant Manager



Testing Laboratory
1190



Table of Contents

1 TEST CONFIGURATION OF EUT.....4

1.1 Test Condition4

1.2 The Worst Case Measurement Configuration.....4

1.3 Testing Location Information4

2 CO-LOCATION5

2.1 Transmitter Radiated Unwanted Emissions5

 2.1.1 Transmitter Radiated Unwanted Emissions Limit 5

 2.1.2 Measuring Instruments 5

 2.1.3 Test Procedures 6

 2.1.4 Test Setup 7

 2.1.5 Transmitter Unwanted Emissions 7

3 TEST EQUIPMENT AND CALIBRATION DATA8




Appendix A.1~A.3 Test Result of Unwanted Emissions

1 Test Configuration of EUT

1.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TX-Radiated < 1G	Remark	-
AC Adapter	FSP065-REBN2	-
TX-Radiated > 1G	Remark	-
AC Adapter	FSP065-REBN2	-

1.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests			
Tests Item	Transmitter Radiated Unwanted Emissions		
Test Condition	Radiated measurement		
User Position	<input type="checkbox"/> EUT will be placed in fixed position.		
	<input type="checkbox"/> EUT will be placed in mobile position and operating multiple positions.		
	<input checked="" type="checkbox"/> EUT will be a hand-held or body-worn battery-powered devices and operating multiple positions.		
Operating Mode	<input checked="" type="checkbox"/> 1. Adapter Mode		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V		

1.3 Testing Location Information

Testing Location				
<input checked="" type="checkbox"/>	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.		
		TEL : 886-3-327-3456	FAX : 886-3-327-0973	
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH03-HY	Jeff	24.6°C / 55%	09/12/2016

Test site registered number [553509] with FCC.

2 CO-LOCATION

2.1 Transmitter Radiated Unwanted Emissions

2.1.1 Transmitter Radiated Unwanted Emissions Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 30 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.

2.1.2 Measuring Instruments

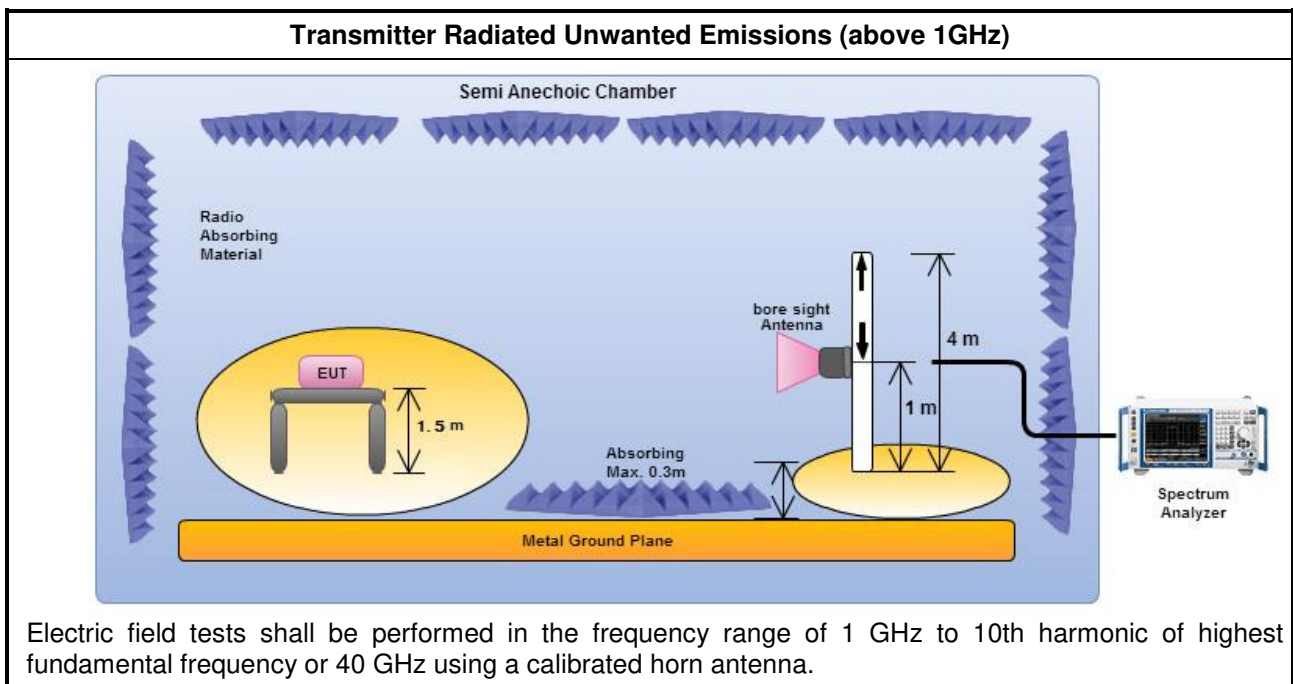
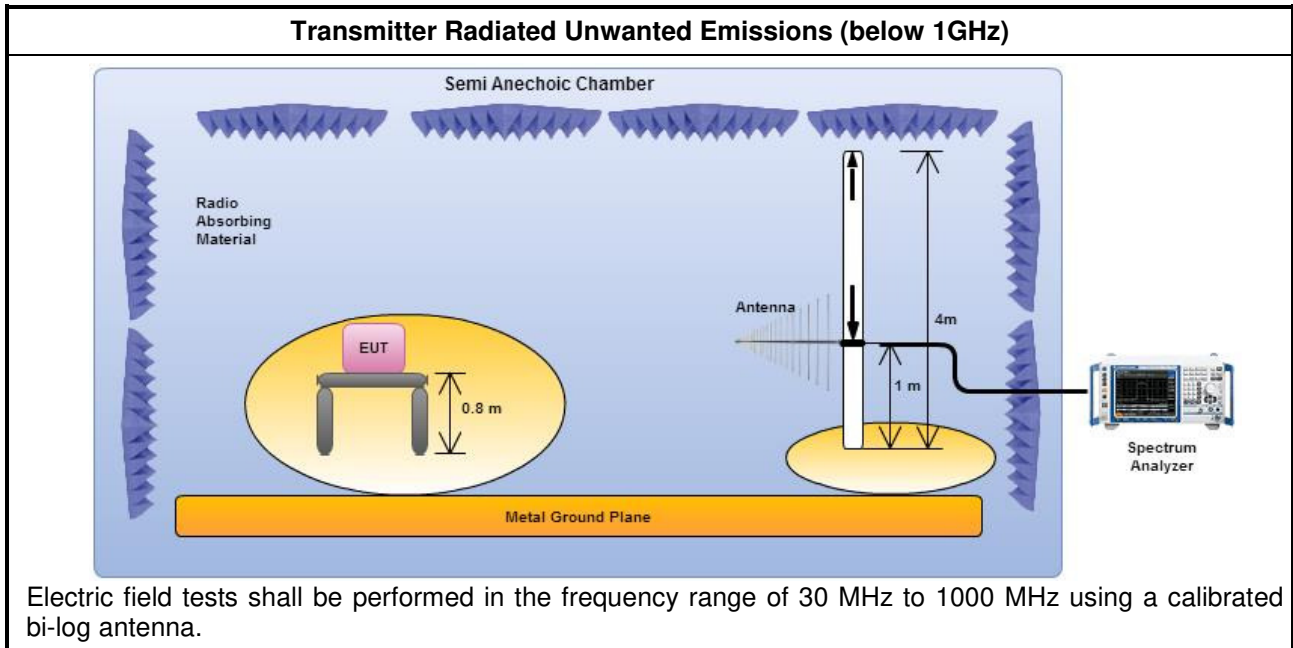
Refer a test equipment and calibration data table in this test report.



2.1.3 Test Procedures

Test Method	
<input checked="" type="checkbox"/>	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
<input checked="" type="checkbox"/>	The average emission levels shall be measured in [duty cycle \geq 98 or duty factor].
<input checked="" type="checkbox"/>	For the transmitter unwanted emissions shall be measured using following options below:
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.
<input type="checkbox"/>	Refer as KDB 558074, clause 12.2.5.1 and 9.2.1 Option 1 (spectral trace averaging)
<input type="checkbox"/>	Refer as KDB 558074, clause 12.2.5.2 and 9.2.1 Option 2 (slow sweep speed).
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.3 (Reduced VBW). VBW \geq 1/T, where T is pulse time.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.4 average value of pulsed emissions.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 12.2.4 and 9.1.1 measurement procedure peak limit.
<input type="checkbox"/>	Refer as KDB 558074, clause 12.2.3 measurement procedure Quasi-Peak limit.
<input checked="" type="checkbox"/>	For radiated measurement, refer as KDB 558074, clause 12.1.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1 GHz and test distance is 3m.
<input type="checkbox"/>	For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.
<input type="checkbox"/>	For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
<input type="checkbox"/>	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB

2.1.4 Test Setup



2.1.5 Transmitter Unwanted Emissions

Refer as Appendix A.1~A.3



3 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz ~ 1 GHz	28/11/2016	27/11/2017
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1 GHz ~ 18 GHz	16/12/2015	15/12/2016
Amplifier	HP	8447D	2944A08033	10 kHz ~ 1.3 GHz	10/05/2016	09/05/2017
Amplifier	KEYSIGHT	83017A	MY53270197	1 GHz ~ 26.5 GHz	29/08/2016	28/08/2017
Spectrum	R&S	FSV40	101513	9 kHz ~ 40 GHz	16/02/2016	15/02/2017
Bilog Antenna	SCHAFFNER	CBL 6112D	2723	30 MHz ~ 1 GHz	01/10/2016	30/09/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1531	1 GHz ~ 18 GHz	22/04/2016	21/04/2017
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18 GHz ~ 40 GHz	29/01/2016	28/01/2017
RF-Cable-high	SUHNER	SUHNER	CB222	1 GHz ~ 40 GHz	28/10/2016	27/10/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9 kHz ~ 1 GHz	27/10/2016	26/10/2017
Wireless communication test Set	Agilent	8960	MY53202219	Wireless communication	03/05/2016	02/05/2017



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2.4G;BT-LE;1;1;1;2480;H;2.4G HT20 20 1 (M0) 1 2437	Pass	PK	30M	34.85	40.00	-5.15	-4.75	3	H	NaN	NaN	-



Result

Table with 13 columns: Mode, Result, Type, Freq (Hz), Level (dBuV/m), Limit (dBuV/m), Margin (dB), Factor (dB), Dist (m), Pol. (H/V), Azimuth (°), Height (m), Comments. Contains 100 rows of test data.



RSE Cabinet Terminal or Co-location Result

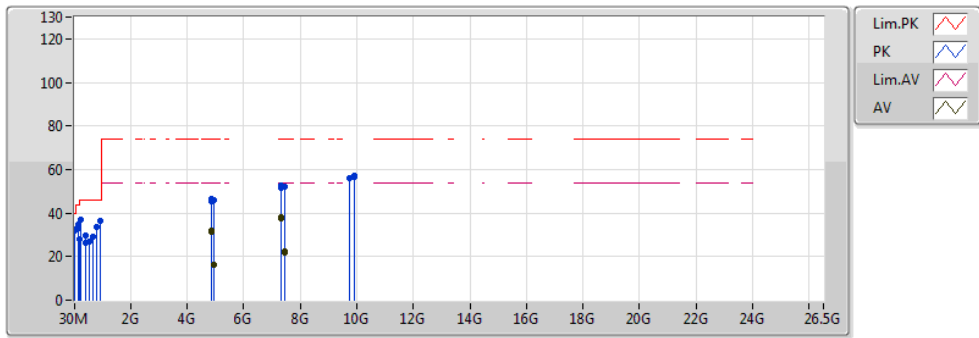
Appendix A.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2.4G;BT-LE;1;1;1;2480;H;2.4G HT20 20 1 (M0) 1 2437	Pass	PK	7.44G	51.26	74.00	-22.74	12.07	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;2.4G HT20 20 1 (M0) 1 2437	Pass	PK	9.748G	56.12	Inf	-Inf	15.84	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;2.4G HT20 20 1 (M0) 1 2437	Pass	PK	9.92G	56.28	Inf	-Inf	15.85	3	V	NaN	NaN	-



RSE Cabinet Terminal or Co-location Result

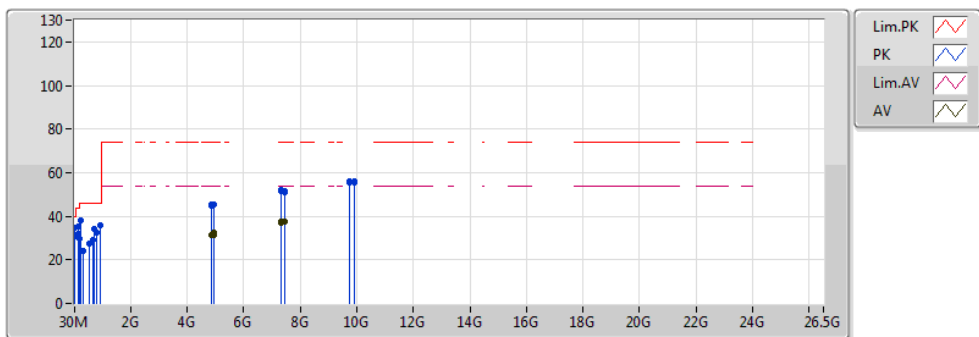
RE Co-TX or Cabinet;Band:2.4G;BT-BR;BWch:1MHz;Nss:1;Nant:1;Ch:2480MHz;2.4G HT20 20 1 (M0) 1 2437



TX 2437MHz 11n20m
 Data Rate:MCS0
 EUT=X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	4.874G	31.52	54.00	-22.48	6.62	3	H	NaN	NaN	-
AV	4.96G	16.07	54.00	-37.93	6.93	3	H	NaN	NaN	-
AV	7.311G	37.79	54.00	-16.21	11.84	3	H	NaN	NaN	-
AV	7.44G	21.89	54.00	-32.11	12.07	3	H	NaN	NaN	-
PK	30M	32.64	40.00	-7.36	-4.75	3	H	NaN	NaN	-
PK	159.98M	34.75	43.50	-8.75	-10.05	3	H	NaN	NaN	-
PK	239.52M	36.79	46.00	-9.21	-8.06	3	H	NaN	NaN	-
PK	408.3M	29.73	46.00	-16.27	-2.47	3	H	NaN	NaN	-
PK	800.18M	33.46	46.00	-12.54	1.60	3	H	NaN	NaN	-
PK	934.04M	36.58	46.00	-9.42	3.34	3	H	NaN	NaN	-
PK	4.874G	46.37	74.00	-27.63	6.62	3	H	NaN	NaN	-
PK	4.96G	46.17	74.00	-27.83	6.93	3	H	NaN	NaN	-
PK	7.311G	51.64	74.00	-22.36	11.84	3	H	NaN	NaN	-
PK	7.44G	51.99	74.00	-22.01	12.07	3	H	NaN	NaN	-
PK	9.748G	55.95	Inf	-Inf	15.84	3	H	NaN	NaN	-
PK	9.92G	56.65	Inf	-Inf	15.85	3	H	NaN	NaN	-
AV	4.874G	31.87	54.00	-22.13	6.62	3	V	NaN	NaN	-
AV	4.96G	16.12	54.00	-27.78	6.93	3	V	NaN	NaN	-
AV	7.311G	38.09	54.00	-15.91	11.84	3	V	NaN	NaN	-
AV	7.44G	22.21	54.00	-31.79	12.07	3	V	NaN	NaN	-
PK	30M	31.76	40.00	-8.24	-4.75	3	V	NaN	NaN	-
PK	159.98M	33.02	43.50	-10.48	-10.05	3	V	NaN	NaN	-
PK	220.12M	27.83	46.00	-18.17	-10.33	3	V	NaN	NaN	-
PK	408.3M	26.35	46.00	-19.65	-2.47	3	V	NaN	NaN	-
PK	565.44M	26.90	46.00	-19.10	-0.39	3	V	NaN	NaN	-
PK	666.32M	29.17	46.00	-16.83	0.33	3	V	NaN	NaN	-
PK	4.874G	45.61	74.00	-28.39	6.62	3	V	NaN	NaN	-
PK	4.96G	46.22	74.00	-27.78	6.93	3	V	NaN	NaN	-
PK	7.311G	52.50	74.00	-21.50	11.84	3	V	NaN	NaN	-
PK	7.44G	52.31	74.00	-21.69	12.07	3	V	NaN	NaN	-
PK	9.748G	56.21	Inf	-Inf	15.84	3	V	NaN	NaN	-
PK	9.92G	56.91	Inf	-Inf	15.85	3	V	NaN	NaN	-

RE Co-TX or Cabinet;Band:2.4G;BT-LE;BWch:1MHz;Nss:1;Nant:1;Ch:2480MHz;2.4G HT20 20 1 (M0) 1 2437



TX 2437MHz 11n20m
 Data Rate:MCS0
 EUT=X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	4.874G	31.17	54.00	-22.83	6.62	3	H	NaN	NaN	-
AV	4.96G	32.22	54.00	-21.78	6.93	3	H	NaN	NaN	-
AV	7.311G	37.20	54.00	-16.80	11.84	3	H	NaN	NaN	-
AV	7.44G	37.36	54.00	-16.64	12.07	3	H	NaN	NaN	-
PK	30M	34.85	40.00	-5.15	-4.75	3	H	NaN	NaN	-
PK	159.98M	35.13	43.50	-8.37	-10.05	3	H	NaN	NaN	-
PK	239.52M	37.90	46.00	-8.10	-8.06	3	H	NaN	NaN	-
PK	722.58M	33.97	46.00	-12.03	0.86	3	H	NaN	NaN	-
PK	800.18M	32.33	46.00	-13.67	1.60	3	H	NaN	NaN	-
PK	934.04M	35.76	46.00	-10.24	3.34	3	H	NaN	NaN	-
PK	4.874G	45.57	74.00	-28.43	6.62	3	H	NaN	NaN	-
PK	4.96G	45.56	74.00	-28.44	6.93	3	H	NaN	NaN	-
PK	7.311G	52.17	74.00	-21.83	11.84	3	H	NaN	NaN	-
PK	7.44G	51.33	74.00	-22.67	12.07	3	H	NaN	NaN	-
PK	9.748G	55.65	Inf	-Inf	15.84	3	H	NaN	NaN	-
PK	9.92G	55.62	Inf	-Inf	15.85	3	H	NaN	NaN	-
AV	4.874G	31.44	54.00	-22.56	6.62	3	V	NaN	NaN	-
AV	4.96G	31.48	54.00	-22.52	6.93	3	V	NaN	NaN	-
AV	7.311G	37.68	54.00	-16.32	11.84	3	V	NaN	NaN	-
AV	7.44G	37.47	54.00	-16.53	12.07	3	V	NaN	NaN	-
PK	30M	31.02	40.00	-8.98	-4.75	3	V	NaN	NaN	-
PK	159.98M	31.86	43.50	-11.64	-10.05	3	V	NaN	NaN	-
PK	216.24M	29.93	46.00	-16.07	-10.39	3	V	NaN	NaN	-
PK	352.04M	24.37	46.00	-21.63	-4.09	3	V	NaN	NaN	-
PK	551.86M	27.62	46.00	-18.38	-0.44	3	V	NaN	NaN	-
PK	666.32M	29.05	46.00	-16.95	0.33	3	V	NaN	NaN	-
PK	4.874G	45.07	74.00	-28.93	6.62	3	V	NaN	NaN	-
PK	4.96G	45.61	74.00	-28.39	6.93	3	V	NaN	NaN	-
PK	7.311G	51.81	74.00	-22.19	11.84	3	V	NaN	NaN	-
PK	7.44G	51.26	74.00	-22.74	12.07	3	V	NaN	NaN	-
PK	9.748G	56.12	Inf	-Inf	15.84	3	V	NaN	NaN	-
PK	9.92G	56.28	Inf	-Inf	15.85	3	V	NaN	NaN	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2.4G;BT-LE;1;1;1;2480;H;TX 1880MHz WCDMA BAND2	Pass	PK	30M	36.45	40.00	-3.55	-4.75	3	H	NaN	NaN	-

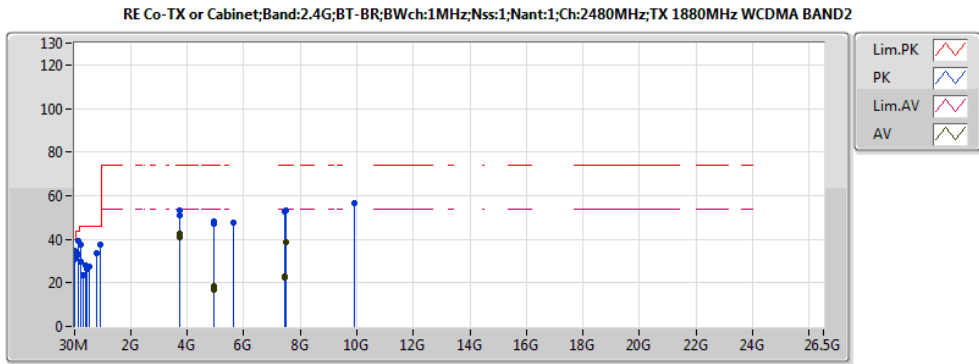


Result

Table with 13 columns: Mode, Result, Type, Freq (Hz), Level (dBuV/m), Limit (dBuV/m), Margin (dB), Factor (dB), Dist (m), Pol. (H/V), Azimuth (°), Height (m), Comments. Contains 60 rows of test data.

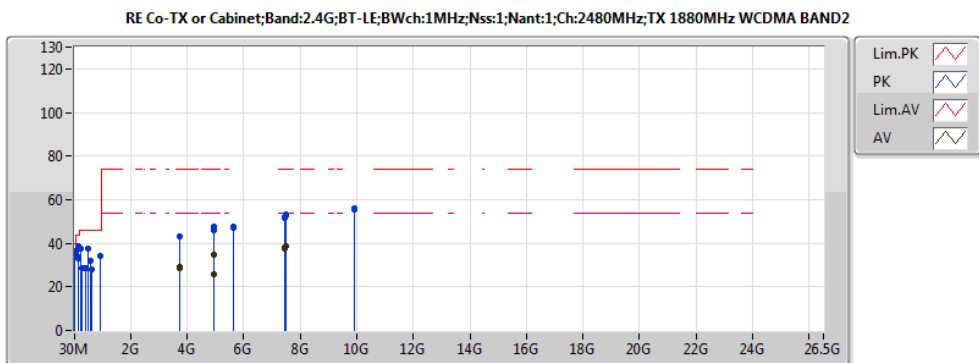


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2.4G;BT-LE;1;1;1;2480;H;TX 1880MHz WCDMA BAND2	Pass	PK	7.44G	51.78	74.00	-22.22	12.07	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 1880MHz WCDMA BAND2	Pass	PK	7.52G	53.03	74.00	-20.97	12.25	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 1880MHz WCDMA BAND2	Pass	PK	9.92G	55.88	Inf	-Inf	15.85	3	V	NaN	NaN	-



TX 1880MHz WCDMA BAND2
EUT=X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	3.76G	42.64	54.00	-11.36	3.64	3	H	NaN	NaN	-
AV	4.96G	18.34	54.00	-35.66	6.93	3	H	NaN	NaN	-
AV	7.44G	22.70	54.00	-31.30	12.07	3	H	NaN	NaN	-
AV	7.52G	38.66	54.00	-15.34	12.25	3	H	NaN	NaN	-
PK	30M	31.05	40.00	-8.95	-4.75	3	H	NaN	NaN	-
PK	140.58M	39.29	43.50	-4.21	-9.26	3	H	NaN	NaN	-
PK	237.58M	37.61	46.00	-8.39	-8.30	3	H	NaN	NaN	-
PK	408.3M	27.83	46.00	-18.17	-2.47	3	H	NaN	NaN	-
PK	800.18M	33.59	46.00	-12.41	1.60	3	H	NaN	NaN	-
PK	934.04M	37.68	46.00	-8.32	3.34	3	H	NaN	NaN	-
PK	3.76G	53.24	74.00	-20.76	3.64	3	H	NaN	NaN	-
PK	4.96G	48.44	74.00	-25.56	6.93	3	H	NaN	NaN	-
PK	5.64G	47.67	Inf	-Inf	8.01	3	H	NaN	NaN	-
PK	7.44G	52.80	74.00	-21.20	12.07	3	H	NaN	NaN	-
PK	7.52G	53.05	74.00	-20.95	12.25	3	H	NaN	NaN	-
PK	9.92G	56.65	Inf	-Inf	15.85	3	H	NaN	NaN	-
AV	3.76G	40.65	54.00	-13.35	3.64	3	V	NaN	NaN	-
AV	4.96G	17.06	54.00	-36.94	6.93	3	V	NaN	NaN	-
AV	7.44G	22.35	54.00	-31.65	12.07	3	V	NaN	NaN	-
AV	7.52G	38.75	54.00	-15.25	12.25	3	V	NaN	NaN	-
PK	30M	35.02	40.00	-4.98	-4.75	3	V	NaN	NaN	-
PK	140.58M	33.21	43.50	-10.29	-9.26	3	V	NaN	NaN	-
PK	225.94M	29.62	46.00	-16.38	-9.69	3	V	NaN	NaN	-
PK	352.04M	23.70	46.00	-22.30	-4.09	3	V	NaN	NaN	-
PK	480.08M	26.12	46.00	-19.88	-1.83	3	V	NaN	NaN	-
PK	567.38M	27.41	46.00	-18.59	-0.39	3	V	NaN	NaN	-
PK	3.76G	50.95	74.00	-23.05	3.64	3	V	NaN	NaN	-
PK	4.96G	47.16	74.00	-26.84	6.93	3	V	NaN	NaN	-
PK	5.64G	47.62	Inf	-Inf	8.01	3	V	NaN	NaN	-
PK	7.44G	52.45	74.00	-21.55	12.07	3	V	NaN	NaN	-
PK	7.52G	52.96	74.00	-21.04	12.25	3	V	NaN	NaN	-
PK	9.92G	56.44	Inf	-Inf	15.85	3	V	NaN	NaN	-



TX 1880MHz WCDMA BAND2
EUT=X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	3.76G	28.75	54.00	-25.25	3.64	3	H	NaN	NaN	-
AV	4.96G	34.79	54.00	-19.21	6.93	3	H	NaN	NaN	-
AV	7.44G	37.86	54.00	-16.14	12.07	3	H	NaN	NaN	-
AV	7.52G	38.50	54.00	-15.50	12.25	3	H	NaN	NaN	-
PK	30M	36.45	40.00	-3.55	-4.75	3	H	NaN	NaN	-
PK	140.58M	38.66	43.50	-4.84	-9.26	3	H	NaN	NaN	-
PK	239.52M	37.28	46.00	-8.72	-8.06	3	H	NaN	NaN	-
PK	408.3M	28.54	46.00	-17.46	-2.47	3	H	NaN	NaN	-
PK	602.3M	31.84	46.00	-14.16	-0.25	3	H	NaN	NaN	-
PK	934.04M	34.05	46.00	-11.95	3.34	3	H	NaN	NaN	-
PK	3.76G	43.41	74.00	-30.59	3.64	3	H	NaN	NaN	-
PK	4.96G	47.46	74.00	-26.54	6.93	3	H	NaN	NaN	-
PK	5.64G	47.46	Inf	-Inf	8.01	3	H	NaN	NaN	-
PK	7.44G	52.10	74.00	-21.90	12.07	3	H	NaN	NaN	-
PK	7.52G	52.57	74.00	-21.43	12.25	3	H	NaN	NaN	-
PK	9.92G	55.69	Inf	-Inf	15.85	3	H	NaN	NaN	-
AV	3.76G	28.94	54.00	-25.06	3.64	3	V	NaN	NaN	-
AV	4.96G	25.80	54.00	-28.20	6.93	3	V	NaN	NaN	-
AV	7.44G	37.75	54.00	-16.25	12.07	3	V	NaN	NaN	-
AV	7.52G	38.45	54.00	-15.55	12.25	3	V	NaN	NaN	-
PK	30M	34.59	40.00	-5.41	-4.75	3	V	NaN	NaN	-
PK	142.52M	32.90	43.50	-10.60	-9.37	3	V	NaN	NaN	-
PK	159.98M	33.41	43.50	-10.09	-10.05	3	V	NaN	NaN	-
PK	278.32M	28.63	46.00	-17.37	-6.26	3	V	NaN	NaN	-
PK	497.54M	37.28	46.00	-8.72	-1.71	3	V	NaN	NaN	-
PK	648.86M	27.85	46.00	-18.15	0.28	3	V	NaN	NaN	-
PK	3.76G	42.97	74.00	-31.03	3.64	3	V	NaN	NaN	-
PK	4.96G	46.17	74.00	-27.83	6.93	3	V	NaN	NaN	-
PK	5.64G	47.08	Inf	-Inf	8.01	3	V	NaN	NaN	-
PK	7.44G	51.78	74.00	-22.22	12.07	3	V	NaN	NaN	-
PK	7.52G	53.03	74.00	-20.97	12.25	3	V	NaN	NaN	-
PK	9.92G	55.88	Inf	-Inf	15.85	3	V	NaN	NaN	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2.4G:BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	30M	36.62	40.00	-3.38	-4.75	3	H	NaN	NaN	-

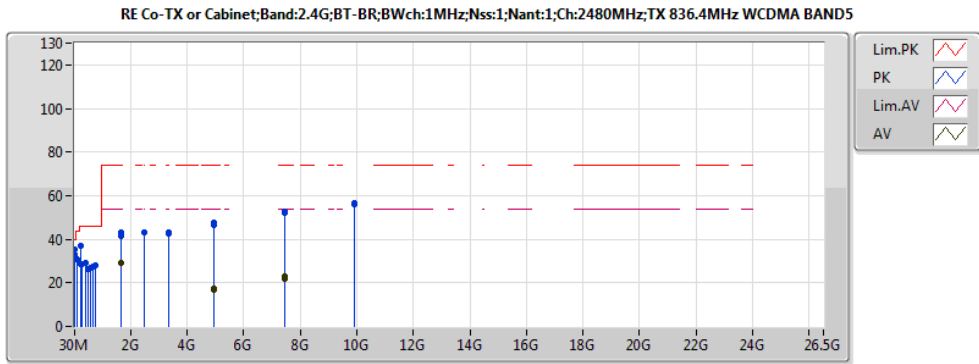


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	1.6728G	29.23	54.00	-24.77	-2.51	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	4.96G	17.36	54.00	-36.64	6.93	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	7.44G	22.74	54.00	-31.26	12.07	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	30M	33.06	40.00	-6.94	-4.75	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	105.66M	30.59	43.50	-12.91	-9.16	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	239.52M	36.84	46.00	-9.16	-8.06	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	400.54M	29.22	46.00	-16.78	-2.54	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	503.36M	26.09	46.00	-19.91	-1.61	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	677.96M	27.49	46.00	-18.51	0.36	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	1.6728G	41.24	74.00	-32.76	-2.51	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	2.5092G	43.20	Inf	-Inf	0.57	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	3.3456G	42.34	Inf	-Inf	2.66	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	4.96G	47.46	74.00	-26.54	6.93	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	7.44G	52.84	74.00	-21.16	12.07	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	9.92G	56.45	Inf	-Inf	15.85	3	H	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	1.6728G	29.21	54.00	-24.79	-2.51	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	4.96G	16.59	54.00	-37.41	6.93	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	7.44G	22.06	54.00	-31.94	12.07	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	30M	35.33	40.00	-4.67	-4.75	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	239.52M	28.55	46.00	-17.45	-8.06	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	268.62M	28.85	46.00	-17.15	-6.22	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	577.08M	26.84	46.00	-19.16	-0.36	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	683.78M	27.55	46.00	-18.45	0.37	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	743.92M	27.99	46.00	-18.01	1.30	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	1.6728G	42.92	74.00	-31.08	-2.51	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	2.5092G	43.13	Inf	-Inf	0.57	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	3.3456G	43.06	Inf	-Inf	2.66	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	4.96G	46.69	74.00	-27.31	6.93	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	7.44G	52.16	74.00	-21.84	12.07	3	V	NaN	NaN	-
2.4G;BT-BR;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	9.92G	56.09	Inf	-Inf	15.85	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	1.6728G	29.54	54.00	-24.46	-2.51	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	4.96G	34.37	54.00	-19.63	6.93	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	7.44G	37.72	54.00	-16.28	12.07	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	30M	36.62	40.00	-3.38	-4.75	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	159.98M	34.42	43.50	-9.08	-10.05	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	239.52M	37.61	46.00	-8.39	-8.06	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	307.42M	27.64	46.00	-18.36	-5.54	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	435.46M	27.83	46.00	-18.17	-2.18	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	573.2M	27.33	46.00	-18.67	-0.37	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	1.6728G	41.34	74.00	-32.66	-2.51	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	2.5092G	43.71	Inf	-Inf	0.57	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	3.3456G	42.18	Inf	-Inf	2.66	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	4.96G	47.69	74.00	-26.31	6.93	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	7.44G	52.42	74.00	-21.58	12.07	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	9.92G	56.47	Inf	-Inf	15.85	3	H	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	1.6728G	28.57	54.00	-25.43	-2.51	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	4.96G	32.34	54.00	-21.66	6.93	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	AV	7.44G	37.82	54.00	-16.18	12.07	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	30M	35.77	40.00	-4.23	-4.75	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	159.98M	32.86	43.50	-10.64	-10.05	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	239.52M	29.52	46.00	-16.48	-8.06	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	441.28M	25.03	46.00	-20.97	-2.12	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	648.86M	29.15	46.00	-16.85	0.28	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	726.46M	28.55	46.00	-17.45	0.95	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	1.6728G	42.37	74.00	-31.63	-2.51	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	2.5092G	42.48	Inf	-Inf	0.57	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	3.3456G	43.38	Inf	-Inf	2.66	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	4.96G	46.86	74.00	-27.14	6.93	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	7.44G	52.18	74.00	-21.82	12.07	3	V	NaN	NaN	-
2.4G;BT-LE;1;1;1;2480;H;TX 836.4MHz WCDMA BAND5	Pass	PK	9.92G	55.48	Inf	-Inf	15.85	3	V	NaN	NaN	-

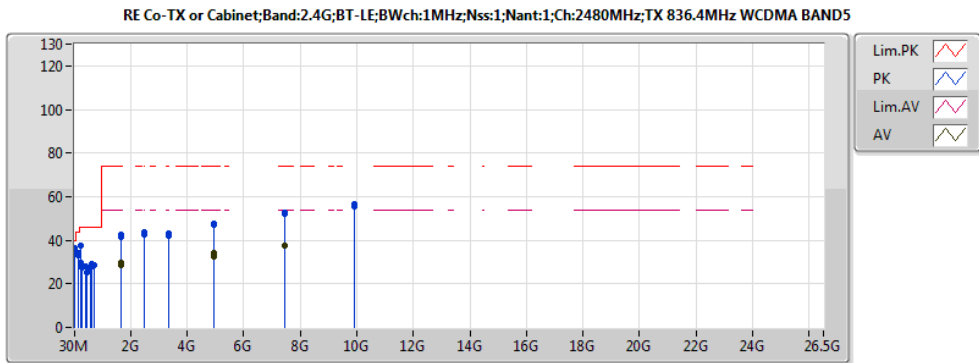


RSE Cabinet Terminal or Co-location Result



TX 836.4MHz WCDMA BAND5
WUT=X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	1.6728G	29.23	54.00	-24.77	-2.51	3	H	NaN	NaN	-
AV	4.96G	17.36	54.00	-36.64	6.93	3	H	NaN	NaN	-
AV	7.44G	22.74	54.00	-31.26	12.07	3	H	NaN	NaN	-
PK	30M	33.06	40.00	-6.94	-4.75	3	H	NaN	NaN	-
PK	105.66M	30.59	43.50	-12.91	-9.16	3	H	NaN	NaN	-
PK	239.52M	36.84	46.00	-9.16	-8.06	3	H	NaN	NaN	-
PK	400.54M	29.22	46.00	-16.78	-2.54	3	H	NaN	NaN	-
PK	503.36M	26.09	46.00	-19.91	-1.61	3	H	NaN	NaN	-
PK	677.96M	27.49	46.00	-18.51	0.36	3	H	NaN	NaN	-
PK	1.6728G	41.24	74.00	-32.76	-2.51	3	H	NaN	NaN	-
PK	2.5092G	43.20	Inf	-Inf	0.57	3	H	NaN	NaN	-
PK	3.3456G	42.34	Inf	-Inf	2.66	3	H	NaN	NaN	-
PK	4.96G	47.46	74.00	-26.54	6.93	3	H	NaN	NaN	-
PK	7.44G	52.84	74.00	-21.16	12.07	3	H	NaN	NaN	-
PK	9.92G	56.45	Inf	-Inf	15.85	3	H	NaN	NaN	-
AV	1.6728G	29.21	54.00	-24.79	-2.51	3	V	NaN	NaN	-
AV	4.96G	16.59	54.00	-37.41	6.93	3	V	NaN	NaN	-
AV	7.44G	22.06	54.00	-31.94	12.07	3	V	NaN	NaN	-
PK	30M	35.33	40.00	-4.67	-4.75	3	V	NaN	NaN	-
PK	239.52M	28.55	46.00	-17.45	-8.06	3	V	NaN	NaN	-
PK	268.62M	28.85	46.00	-17.15	-6.22	3	V	NaN	NaN	-
PK	577.08M	26.84	46.00	-19.16	-0.36	3	V	NaN	NaN	-
PK	683.78M	27.55	46.00	-18.45	0.37	3	V	NaN	NaN	-
PK	743.92M	27.99	46.00	-18.01	1.30	3	V	NaN	NaN	-
PK	1.6728G	42.92	74.00	-31.08	-2.51	3	V	NaN	NaN	-
PK	2.5092G	43.13	Inf	-Inf	0.57	3	V	NaN	NaN	-
PK	3.3456G	43.06	Inf	-Inf	2.66	3	V	NaN	NaN	-
PK	4.96G	46.69	74.00	-27.31	6.93	3	V	NaN	NaN	-
PK	7.44G	52.16	74.00	-21.84	12.07	3	V	NaN	NaN	-
PK	9.92G	56.09	Inf	-Inf	15.85	3	V	NaN	NaN	-



TX 836.4MHz WCDMA BAND5
WUT=X axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(*)	Height(m)	Comments
AV	1.6728G	29.54	54.00	-24.46	-2.51	3	H	NaN	NaN	-
AV	4.96G	34.37	54.00	-19.63	6.93	3	H	NaN	NaN	-
AV	7.44G	37.72	54.00	-16.28	12.07	3	H	NaN	NaN	-
PK	30M	36.62	40.00	-3.38	-4.75	3	H	NaN	NaN	-
PK	159.98M	34.42	43.50	-9.08	-10.05	3	H	NaN	NaN	-
PK	239.52M	37.61	46.00	-8.39	-8.06	3	H	NaN	NaN	-
PK	307.42M	27.64	46.00	-18.36	-5.54	3	H	NaN	NaN	-
PK	435.46M	27.83	46.00	-18.17	-2.18	3	H	NaN	NaN	-
PK	573.2M	27.33	46.00	-18.67	-0.37	3	H	NaN	NaN	-
PK	1.6728G	41.34	74.00	-32.66	-2.51	3	H	NaN	NaN	-
PK	2.5092G	43.71	Inf	-Inf	0.57	3	H	NaN	NaN	-
PK	3.3456G	42.18	Inf	-Inf	2.66	3	H	NaN	NaN	-
PK	4.96G	47.69	74.00	-26.31	6.93	3	H	NaN	NaN	-
PK	7.44G	52.42	74.00	-21.58	12.07	3	H	NaN	NaN	-
PK	9.92G	56.47	Inf	-Inf	15.85	3	H	NaN	NaN	-
AV	1.6728G	28.57	54.00	-25.43	-2.51	3	V	NaN	NaN	-
AV	4.96G	32.34	54.00	-21.66	6.93	3	V	NaN	NaN	-
AV	7.44G	37.82	54.00	-16.18	12.07	3	V	NaN	NaN	-
PK	30M	35.77	40.00	-4.23	-4.75	3	V	NaN	NaN	-
PK	159.98M	32.86	43.50	-10.64	-10.05	3	V	NaN	NaN	-
PK	239.52M	29.52	46.00	-16.48	-8.06	3	V	NaN	NaN	-
PK	441.28M	25.03	46.00	-20.97	-2.12	3	V	NaN	NaN	-
PK	648.86M	29.15	46.00	-16.85	0.28	3	V	NaN	NaN	-
PK	726.46M	28.55	46.00	-17.45	0.95	3	V	NaN	NaN	-
PK	1.6728G	42.37	74.00	-31.63	-2.51	3	V	NaN	NaN	-
PK	2.5092G	42.48	Inf	-Inf	0.57	3	V	NaN	NaN	-
PK	3.3456G	43.38	Inf	-Inf	2.66	3	V	NaN	NaN	-
PK	4.96G	46.86	74.00	-27.14	6.93	3	V	NaN	NaN	-
PK	7.44G	52.18	74.00	-21.82	12.07	3	V	NaN	NaN	-
PK	9.92G	55.48	Inf	-Inf	15.85	3	V	NaN	NaN	-