

Radio Test Report

Report No.:STS2409307W06

Issued for

Buddi Limited

Talbot House 17 Church Street Rickmansworth, WD3 1DE
United Kingdom

Product Name: Smart ID

Brand Name: Buddi Limited

Model Name: S10-BUD-A-TEEU-SID,
S10-BUD-A-TEEU-SID14.1,
S10-BUD-A-TEEU-SIE14.1

Series Model(s): 7630001, 7630006, 7630007

FCC ID: ZDLST9

Test Standards: FCC Part 15.249

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT**

Applicant's Name: Buddi Limited
Address.....: Talbot House 17 Church Street Rickmansworth, WD3 1DE United Kingdom
Manufacturer's Name: Buddi Limited
Address.....: Talbot House 17 Church Street Rickmansworth, WD3 1DE United Kingdom

Product Description

Product Name: Smart ID
Brand Name: Buddi Limited
Model Name: S10-BUD-A-TEEU-SID, S10-BUD-A-TEEU-SID14.1, S10-BUD-A-TEEU-SIE14.1
Series Model(s): 7630001, 7630006, 7630007
Test Standards.....: FCC Part 15.249

Test Procedure: ANSI C63.10-2020

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

Date of Test.....:
Date of receipt of test item.....: 12 Oct. 2024
Date of performance of tests ...: 12 Oct. 2024 ~ 19 Oct. 2024
Date of Issue: 19 Oct. 2024
Test Result: **Pass**

Testing Engineer :

Aaron Bu

(Aaron Bu)

Technical Manager :

Tony Liu

(Tony Liu)

Authorized Signatory :

Bovey Yang

(Bovey Yang)



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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	27 Dec. 2023	CTA231114011W02	ALL	Initial Issue
00	19 Oct. 2024	STS2409307W06	ALL	Add models, update hardware version numbers, spurious emissions and conducted emission.

Note:

1. The report number STS2409307W06 is based on a Class II change made on the FCC ID: ZDLST9, originally granted on 12/29/2023.
2. The updated test item are spurious emissions and AC conducted emission, Other testing items have met the requirements of the latest regulations, so they are not updated.



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part 15.249 , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.203	Antenna Requirement	PASS	
15.249	Radiated Spurious Emission	PASS	
15.249	Radiated Band Edge Emission	PASS	
15.249	Field Strength of fundamental	PASS	

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2020.



1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

IC CAB ID: CN0086

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	Unwanted Emissions, conducted	$\pm 2.874\text{dB}$
2	All emissions, radiated 9K-30MHz	$\pm 3.80\text{dB}$
3	All emissions, radiated 30M-1GHz	$\pm 4.18\text{dB}$
4	All emissions, radiated 1G-6GHz	$\pm 4.90\text{dB}$
5	All emissions, radiated >6G	$\pm 5.24\text{dB}$

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Smart ID								
Brand Name	Buddi Limited								
Model Name	S10-BUD-A-TEEU-SID, S10-BUD-A-TEEU-SID14.1, S10-BUD-A-TEEU-SIE14.1								
Series Model(s)	7630001, 7630006, 7630007								
Model Difference	Only different in Model Name, Appearance(non-fingerprint or fingerprint), SIM(single SIM or dual SIM) and Hardware Version Number. Model Number: S10-BUD-A-TEEU-SID, 7630001 has non-fingerprint and support single SIM; Model Number: S10-BUD-A-TEEU-SID14.1, 7630006 has fingerprint, change the Hardware Version Number to v14.1 and support dual SIM; Model Number: S10-BUD-A-TEEU-SIE14.1, 7630007 has non-fingerprint, change the Hardware Version Number to v14.1 and support dual SIM.								
Product Description	The EUT is a Smart ID. <table border="1"> <tr> <td>Operation Frequency:</td><td>914.5-921.0Mhz</td></tr> <tr> <td>Modulation Type:</td><td>FSK</td></tr> <tr> <td>Antenna Designation:</td><td>FPC</td></tr> <tr> <td>Antenna Gain(Peak):</td><td>1.33dBi</td></tr> </table> Based on the application, features, or specification exhibited in User Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User Manual.	Operation Frequency:	914.5-921.0Mhz	Modulation Type:	FSK	Antenna Designation:	FPC	Antenna Gain(Peak):	1.33dBi
Operation Frequency:	914.5-921.0Mhz								
Modulation Type:	FSK								
Antenna Designation:	FPC								
Antenna Gain(Peak):	1.33dBi								
Adapter	Smart ID Dock (without battery) : Input: DC 5V, 1.2A Output: DC 5V, 1.2A Charging head: Input:100-240V~, 50/60Hz, 0.3A Output:DC 5V 1.2A								
Battery	Rated Voltage: 3.7V Charge Limit Voltage: 4.2V Capacity: 2650mAh								
Rating	Input:DC 5V 1.2A								
Connecting I/O Port(s)	Please refer to the Note 1.								
Hardware version number	V14.0;v14.1								
Software version number	1.41.2								

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.

2.

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	914.50	2	917.50	3	921.00

3.

Test channel List		
Test Channel	EUT Channel	Test Frequency (MHz)
lowest	CH01	914.50
middle	CH02	917.50
highest	CH03	921.00

Note: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

2.2 DESCRIPTION OF THE TEST MODES

For conducted test items and radiated spurious emissions
Each of these EUT operation mode(s) or test configuration mode(s) mentioned below was evaluated respectively.

Pretest Mode	Description	Data/Modulation
Mode 1	TX/CH01	FSK
Mode 2	TX/CH02	FSK
Mode 3	TX/CH03	FSK

Note:

(1) All above mode have been measurement, only worst data was reported.

For AC Conducted Emission

Test Case	
AC Conducted Emission	Mode 4 : Keeping TX

2.3 TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
Other SRD	915MHz	FSK	1.33	Default	The EUT has signal transmission when it is powered on

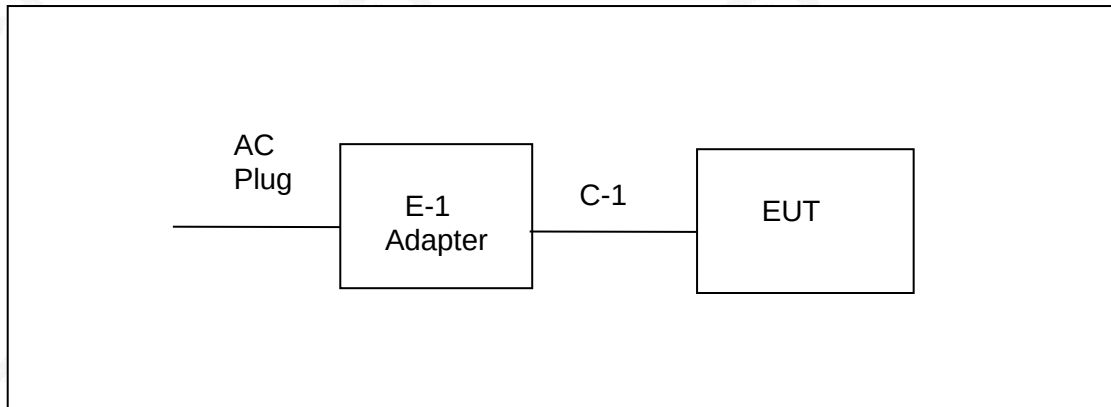
2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters.

Radiated Spurious Emission Test



Conducted Emission Test



2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
N/A	N/A	N/A	N/A	N/A	N/A

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
E-1	Adapter	HUAWEI	HW-050450C00	N/A	N/A
C-1	USB Cable	N/A	N/A	100cm	NO

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.



2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS

RF Radiation Test Equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2024.03.15	2025.03.14
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2024.02.23	2025.02.22
Pre-Amplifier(1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2024.09.23	2025.09.22
Pre-Amplifier(18G-40GHz)	SKET	LNPA_1840-50	SK2018101801	2024.02.23	2025.02.22
Active loop Antenna	ZHINAN	ZN30900C	16035	2023.02.28	2025.02.27
Bilog Antenna	TESEQ	CBL6111D	34678	2024.09.30	2025.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2023.09.24	2025.09.23
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2023.10.10	2025.10.09
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2024.09.23	2025.09.22
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	SC100_1	60531	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC power supply	HONGSHENGFENG	DPS-305AF	17064939	2024.09.23	2025.09.22
Test SW	EZ-EMC	Ver.STSLAB-03A1 RE			

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2024.09.24	2025.09.23
Limtter	CYBERTEK	EM5010	N/A	2024.09.24	2025.09.23
LISN	R&S	ENV216	101242	2024.09.24	2025.09.23
LISN	EMCO	3810/2NM	23625	2024.09.24	2025.09.23
Temperature & Humidity	SW-108	SuWei	N/A	2024.03.15	2025.03.14
Test SW	EZ-EMC	Ver.STSLAB-03A1 CE			

3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of “ * ” marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

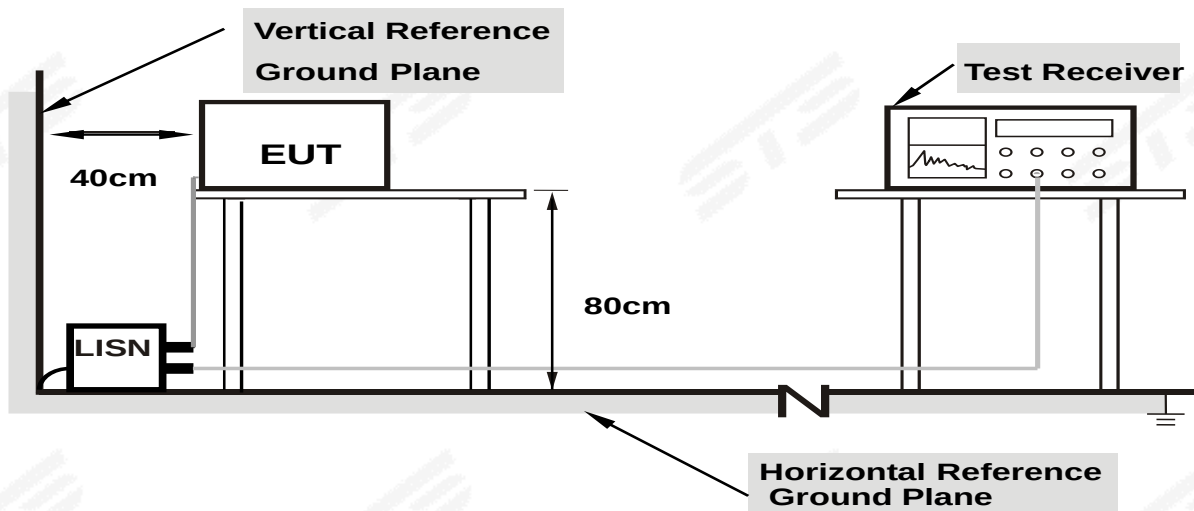
The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.1.2 TEST PROCEDURE

- The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN is at least 80 cm from the nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes support.

3.1.4 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.5 TEST RESULT

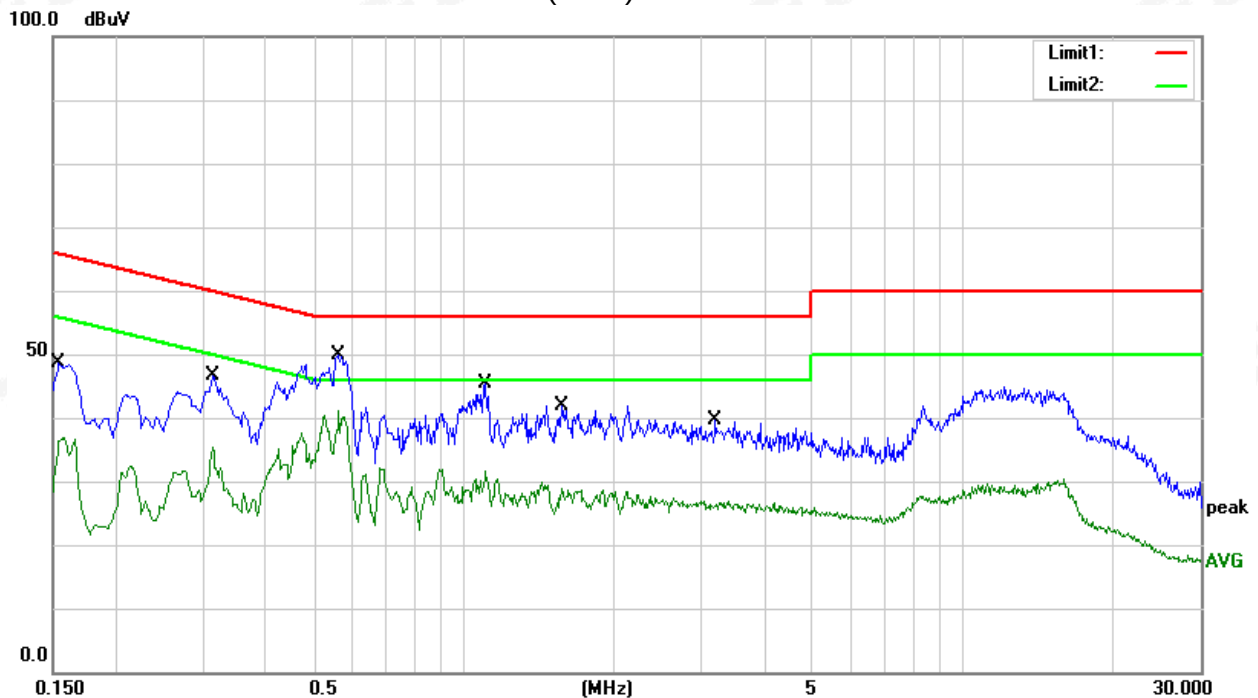
S10-BUD-A-TEEU-SID

Temperature:	25.1℃	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	Mode 4		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1540	28.79	19.78	48.57	65.78	-17.21	QP
2	0.1540	17.14	19.78	36.92	55.78	-18.86	AVG
3	0.3140	26.44	20.19	46.63	59.86	-13.23	QP
4	0.3140	15.10	20.19	35.29	49.86	-14.57	AVG
5	0.5620	30.02	19.95	49.97	56.00	-6.03	QP
6	0.5620	21.10	19.95	41.05	46.00	-4.95	AVG
7	1.1020	25.60	19.77	45.37	56.00	-10.63	QP
8	1.1020	11.98	19.77	31.75	46.00	-14.25	AVG
9	1.5700	22.18	19.78	41.96	56.00	-14.04	QP
10	1.5700	9.03	19.78	28.81	46.00	-17.19	AVG
11	3.1940	19.91	19.83	39.74	56.00	-16.26	QP
12	3.1940	6.99	19.83	26.82	46.00	-19.18	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) – Limit
3. Factor=LISN factor+Cable loss+Limiter (10dB)



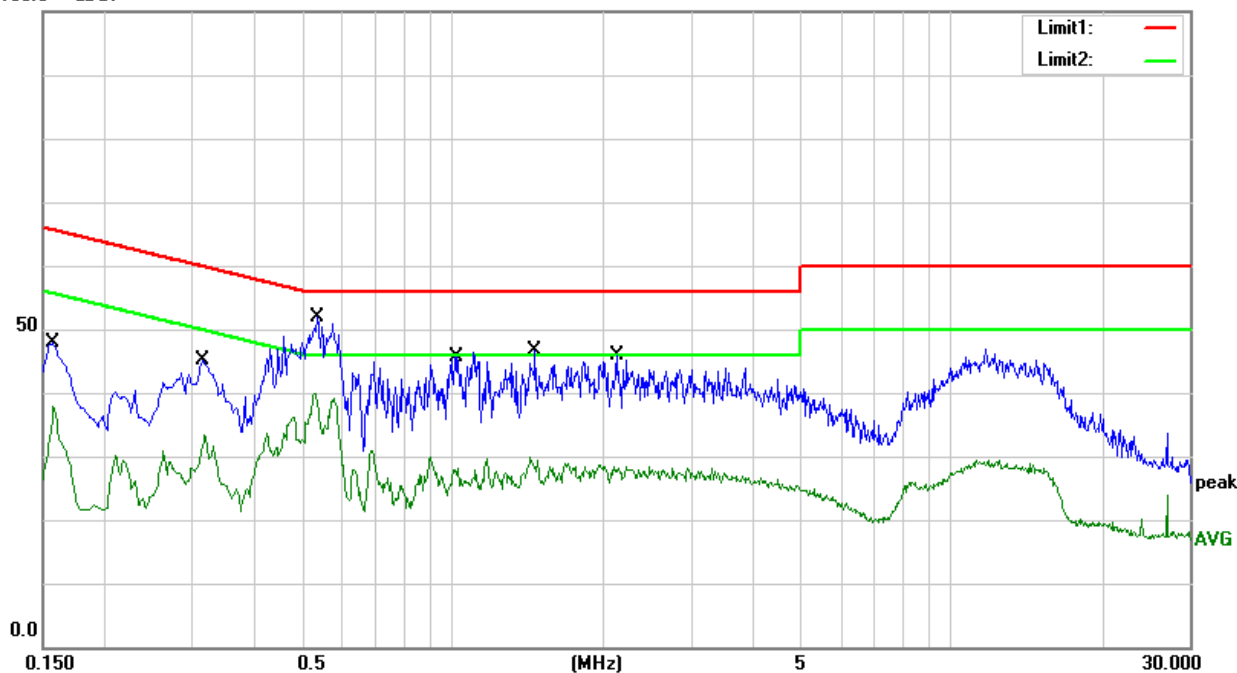
Temperature:	25.1 °C	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	Mode 4		

No.	Frequency (MHz)	Reading (dBUV)	Correct Factor(dB)	Result (dBUV)	Limit (dBUV)	Margin (dB)	Remark
1	0.1580	28.18	19.76	47.94	65.57	-17.63	QP
2	0.1580	18.12	19.76	37.88	55.57	-17.69	AVG
3	0.3140	24.80	20.23	45.03	59.86	-14.83	QP
4	0.3140	13.14	20.23	33.37	49.86	-16.49	AVG
5	0.5340	31.82	19.94	51.76	56.00	-4.24	QP
6	0.5340	20.03	19.94	39.97	46.00	-6.03	AVG
7	1.0180	25.79	19.77	45.56	56.00	-10.44	QP
8	1.0180	8.37	19.77	28.14	46.00	-17.86	AVG
9	1.4580	26.90	19.82	46.72	56.00	-9.28	QP
10	1.4580	10.03	19.82	29.85	46.00	-16.15	AVG
11	2.1260	25.88	19.88	45.76	56.00	-10.24	QP
12	2.1260	8.44	19.88	28.32	46.00	-17.68	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor)–Limit
3. Factor=LISN factor+Cable loss+Limiter (10dB)

100.0 dBUV



S10-BUD-A-TEEU-SID14.1

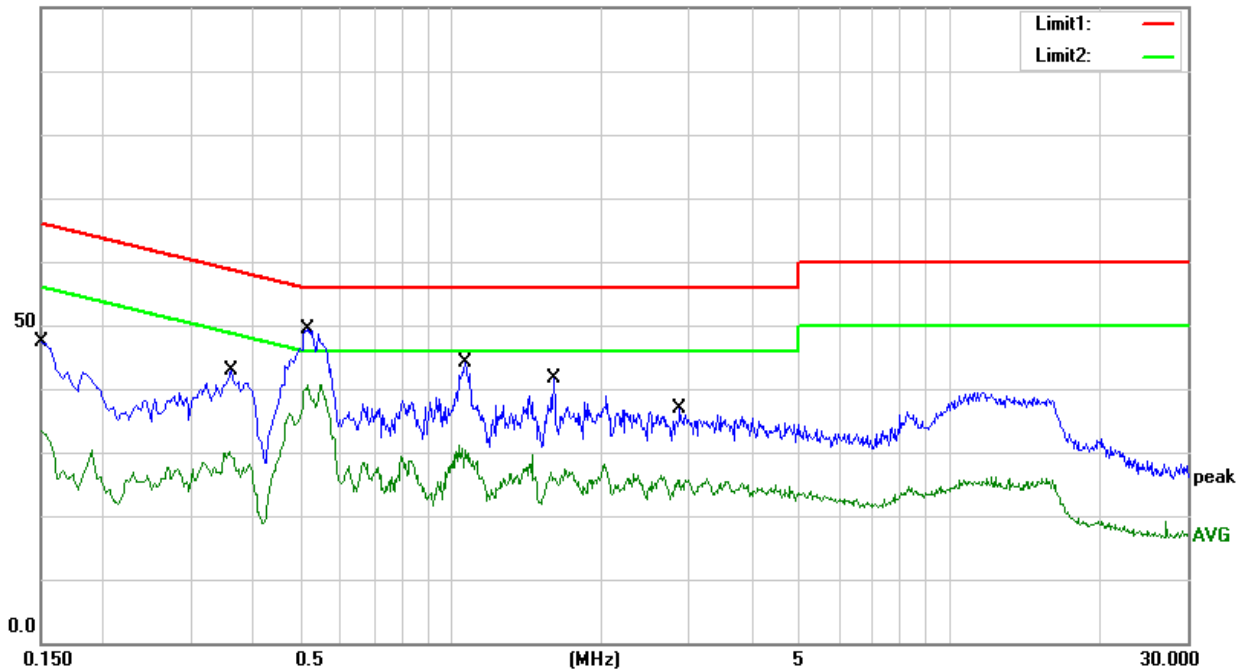
Temperature:	25.1°C	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	Mode 4		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	27.66	19.78	47.44	66.00	-18.56	QP
2	0.1500	13.64	19.78	33.42	56.00	-22.58	AVG
3	0.3620	22.87	20.09	42.96	58.68	-15.72	QP
4	0.3620	10.08	20.09	30.17	48.68	-18.51	AVG
5	0.5180	29.49	19.99	49.48	56.00	-6.52	QP
6	0.5180	20.71	19.99	40.70	46.00	-5.30	AVG
7	1.0700	24.38	19.77	44.15	56.00	-11.85	QP
8	1.0700	11.27	19.77	31.04	46.00	-14.96	AVG
9	1.6020	21.75	19.78	41.53	56.00	-14.47	QP
10	1.6020	7.11	19.78	26.89	46.00	-19.11	AVG
11	2.8740	17.09	19.83	36.92	56.00	-19.08	QP
12	2.8740	5.82	19.83	25.65	46.00	-20.35	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) – Limit
3. Factor = LISN factor + Cable loss + Limiter (10dB)

100.0 dBuV



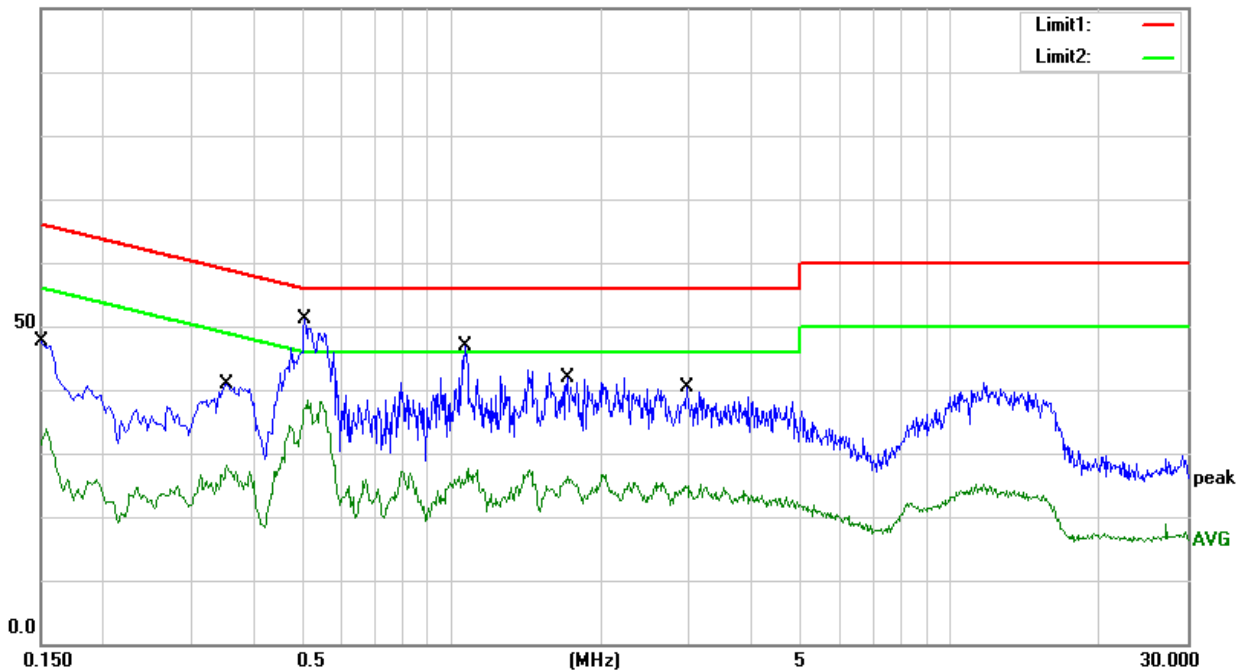
Temperature:	25.1°C	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	Mode 4		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	27.80	19.74	47.54	66.00	-18.46	QP
2	0.1500	14.06	19.74	33.80	56.00	-22.20	AVG
3	0.3540	20.80	20.14	40.94	58.87	-17.93	QP
4	0.3540	8.05	20.14	28.19	48.87	-20.68	AVG
5	0.5100	31.24	19.95	51.19	56.00	-4.81	QP
6	0.5100	18.49	19.95	38.44	46.00	-7.56	AVG
7	1.0660	27.15	19.77	46.92	56.00	-9.08	QP
8	1.0660	7.82	19.77	27.59	46.00	-18.41	AVG
9	1.7100	22.07	19.85	41.92	56.00	-14.08	QP
10	1.7100	6.54	19.85	26.39	46.00	-19.61	AVG
11	2.9700	20.52	19.93	40.45	56.00	-15.55	QP
12	2.9700	5.05	19.93	24.98	46.00	-21.02	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) – Limit
3. Factor = LISN factor + Cable loss + Limiter (10dB)

100.0 dBuV





S10-BUD-A-TEEU-SIE14.1

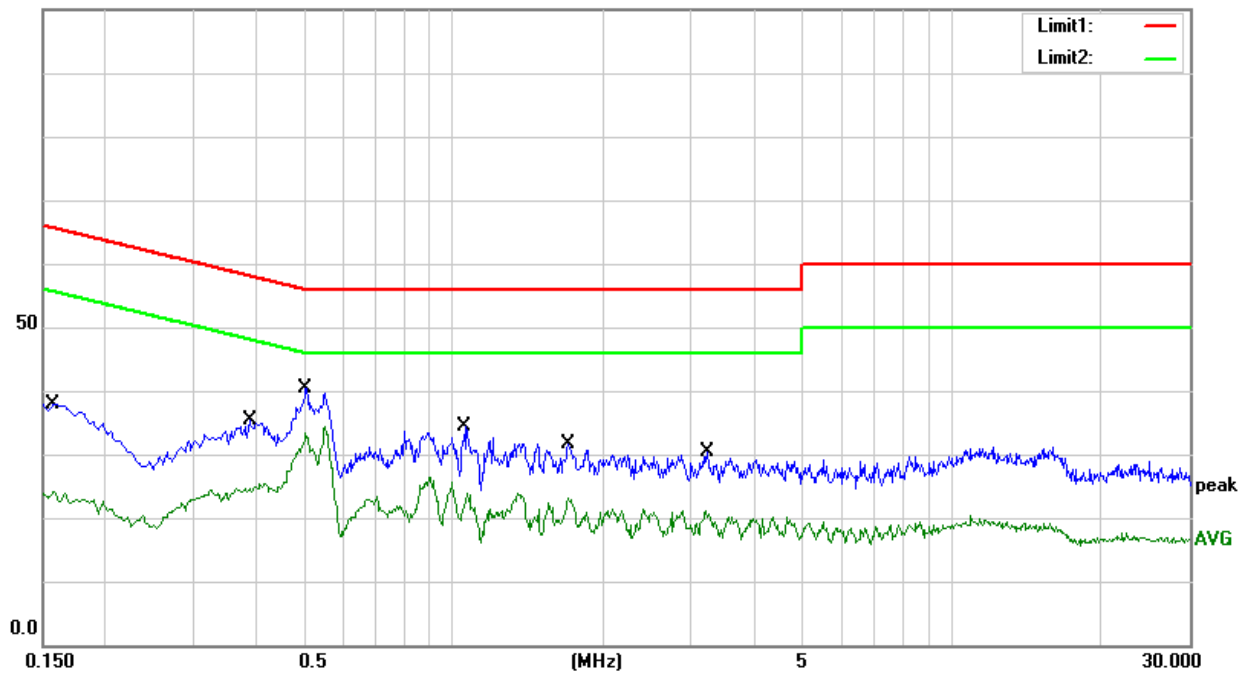
Temperature:	25.1 °C	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	Mode 4		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	18.13	19.78	37.91	65.57	-27.66	QP
2	0.1580	4.44	19.78	24.22	55.57	-31.35	AVG
3	0.3900	15.39	20.03	35.42	58.06	-22.64	QP
4	0.3900	5.28	20.03	25.31	48.06	-22.75	AVG
5	0.5060	20.34	20.00	40.34	56.00	-15.66	QP
6	0.5060	14.32	20.00	34.32	46.00	-11.68	AVG
7	1.0580	14.52	19.77	34.29	56.00	-21.71	QP
8	1.0580	5.80	19.77	25.57	46.00	-20.43	AVG
9	1.7020	11.86	19.79	31.65	56.00	-24.35	QP
10	1.7020	3.29	19.79	23.08	46.00	-22.92	AVG
11	3.2340	10.53	19.83	30.36	56.00	-25.64	QP
12	3.2340	1.38	19.83	21.21	46.00	-24.79	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) – Limit
3. Factor = LISN factor + Cable loss + Limiter (10dB)

100.0 dBuV



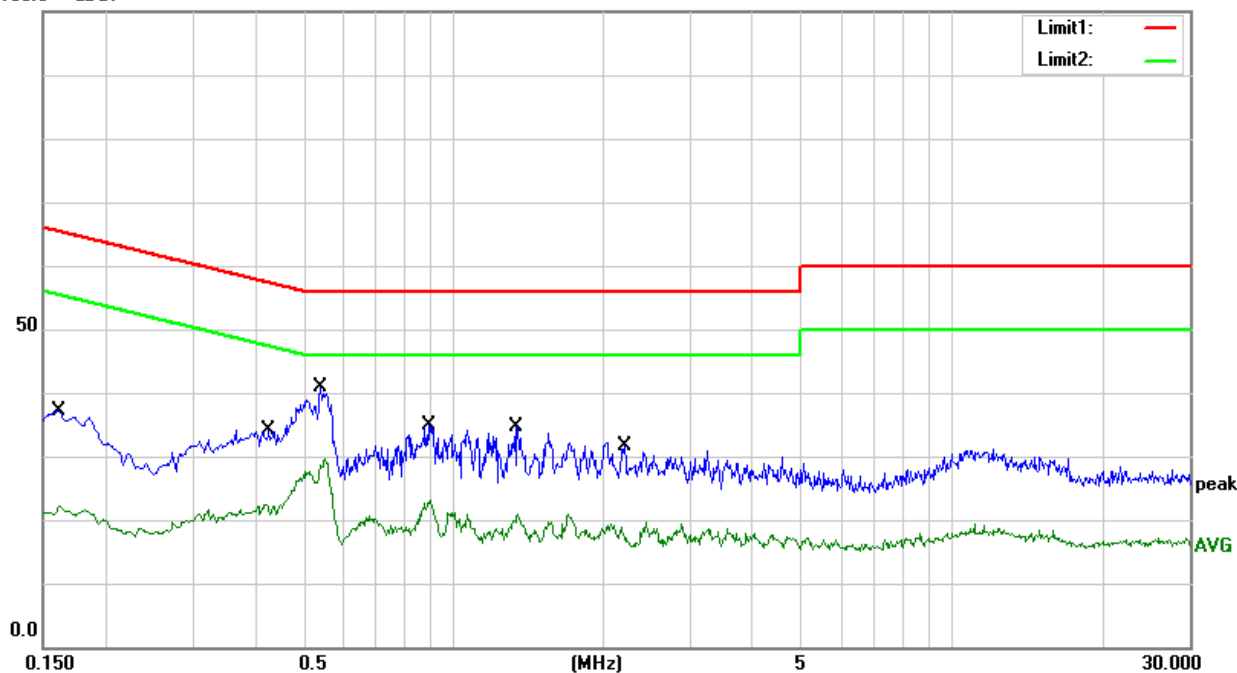
Temperature:	25.1°C	Relative Humidity:	59%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	Mode 4		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1620	17.48	19.77	37.25	65.36	-28.11	QP
2	0.1620	2.44	19.77	22.21	55.36	-33.15	AVG
3	0.4260	14.11	20.02	34.13	57.33	-23.20	QP
4	0.4260	2.45	20.02	22.47	47.33	-24.86	AVG
5	0.5420	20.83	19.93	40.76	56.00	-15.24	QP
6	0.5420	9.66	19.93	29.59	46.00	-16.41	AVG
7	0.8940	14.96	19.79	34.75	56.00	-21.25	QP
8	0.8940	3.28	19.79	23.07	46.00	-22.93	AVG
9	1.3380	14.92	19.80	34.72	56.00	-21.28	QP
10	1.3380	1.06	19.80	20.86	46.00	-25.14	AVG
11	2.2060	11.81	19.89	31.70	56.00	-24.30	QP
12	2.2060	-0.53	19.89	19.36	46.00	-26.64	AVG

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) – Limit
3. Factor = LISN factor + Cable loss + Limiter (10dB)

100.0 dBuV



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on Part 15.249 and the Part 15.209(a) limit in the table below has to be followed.

Standard FCC 15.209

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3
Above 1000	Other:74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	3

Standard FCC 15.249

Frequency of Emission (MHz)	Field Strength of fundamental (millivolts /meter)	Field Strength of Harmonics (microvolts/meter)
900~928	50	500
2400~2483.5	50	500
5725~5875	50	500
24000~242500	250	2500

Notes:

- (1) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.
- (2) Emission level (dBuV/m) =20log Emission level (uV/m).

LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (GHz)
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

Spectrum Parameter	Setting
Detector	Peak/AV
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB (emission in restricted band)	>20BW
VB (emission in restricted band)	=3xRB

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
	90kHz~110kHz / RB 200Hz for QP
	110kHz~490kHz / RB 200Hz for PK & AV
	490kHz~30MHz / RB 9kHz for QP
	30MHz~1000MHz / RB 120kHz for QP



3.2.2 TEST PROCEDURE

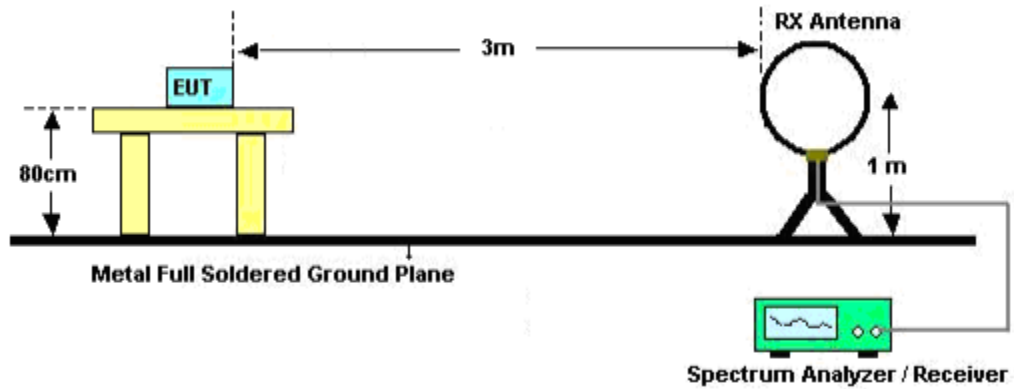
- a. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation (Below 1GHz)
- b. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation (Above 1GHz)
- c. The height of the test antenna shall vary between 1m to 4m. Both horizontal and vertical polarization of the antenna are set to make the measurement.
- d. The initial step in collecting radiated emission data is a receive peak detector mode. Pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. All readings are peak unless otherwise stated QP in column of Note. Peak denoted that the Peak reading compliance with the QP limits and then QP Mode measurement didn't perform (Below 1GHz)
- f. All readings are Peak mode value unless otherwise stated AVG in column of Note. If the Peak mode measured value compliance with the Peak limits and lower than AVG Limits, the EUT shall be deemed to meet Peak & AVG limits and then only Peak mode was measured, but AVG mode didn't perform. (Above 1GHz)
- g. For the actual test configuration, please refer to the related Item –EUT Test Photos.
Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.2.3 DEVIATION FROM TEST STANDARD

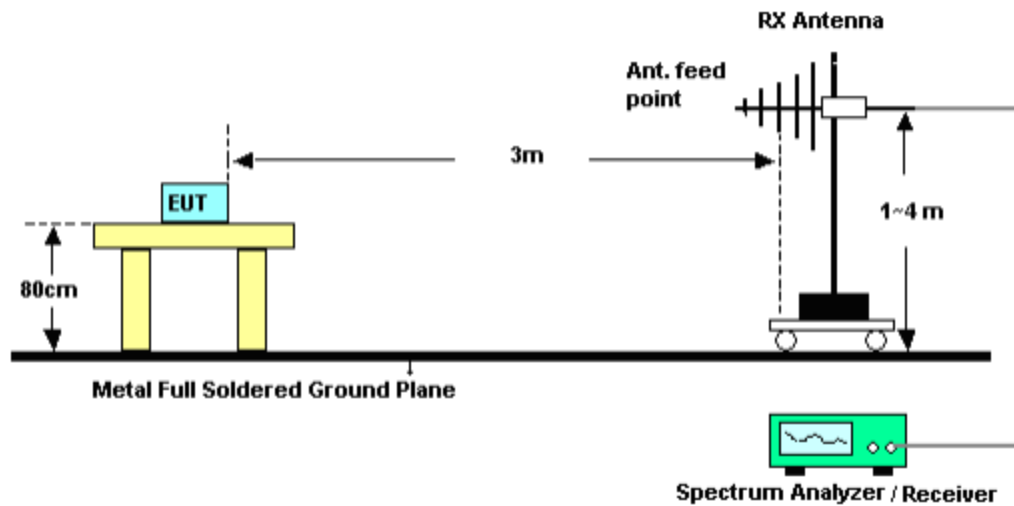
No deviation

3.2.4 TEST SETUP

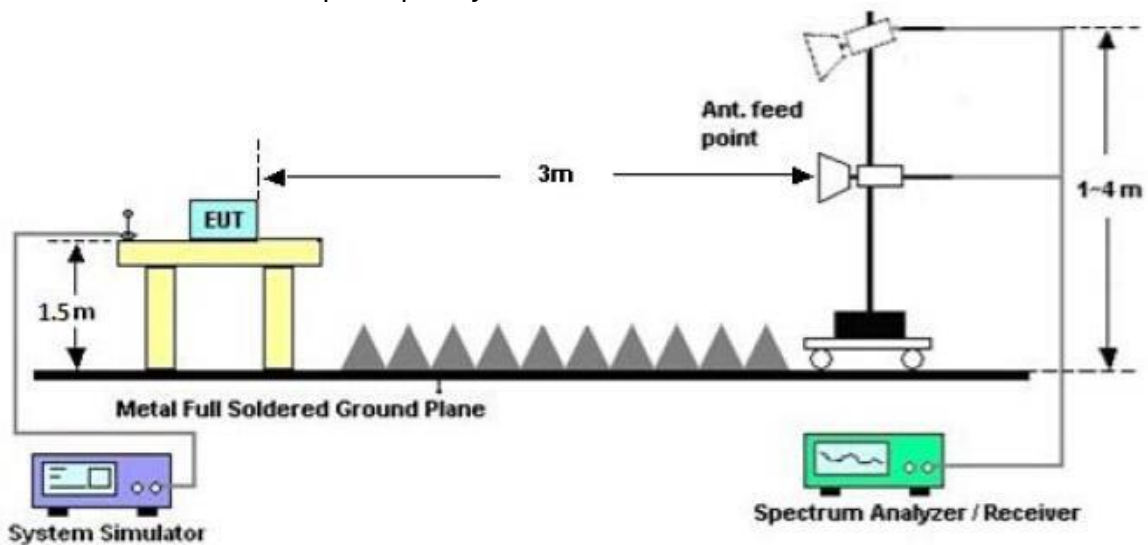
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz





3.2.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

Margin=PL-PK L or AL- AV L; Margin only shown the worst case.

Where

PR = Peak Reading

AR = Average Reading

PL = Peak Level

AL = Average Level

AF = Antenna Factor

PK L = Peak Limit

AV L = AV Limit

For example

Frequency	PR	AR	AF	PL	AL	PK L	AV L	Margin
(MHz)	(dB μ V/m)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB μ V/m)	(dB μ V/m)	(dB)
2178	40.23	30.31	9.83	50.06	40.14	74.00	54.00	-13.86

3.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

Below 30 MHz

Temperature:	23.1°C	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Polarization:	---
Test Mode:	TX Mode		

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	PASS
--	--	--	--	PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits(dBuV) + distance extrapolation factor.



Between 30MHz – 1000 MHz Radiation Spurious

S10-BUD-A-TEEU-SID

Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Horizontal
Test Mode:	Mode 1/2/3 (wost mode1)		

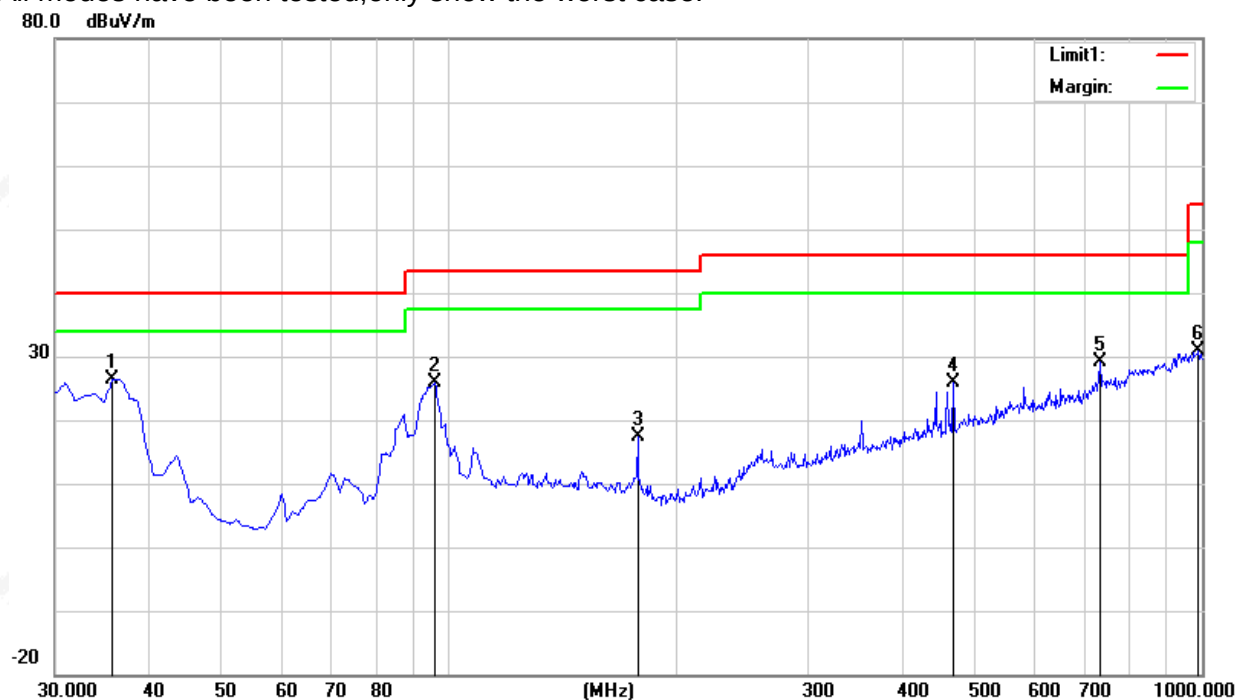
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/ m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.8200	42.37	-15.91	26.46	40.00	-13.54	peak
2	95.9600	46.55	-20.67	25.88	43.50	-17.62	peak
3	178.4100	37.43	-20.02	17.41	43.50	-26.09	peak
4	467.4700	35.08	-9.11	25.97	46.00	-20.03	peak
5	733.2500	31.56	-2.35	29.21	46.00	-16.79	peak
6	991.2700	28.74	2.05	30.79	54.00	-23.21	peak

Remark:

Margin = Result (Result =Reading + Factor)–Limit

Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

All modes have been tested,only show the worst case.





Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Vertical
Test Mode:	Mode 1/2/3 (wost mode1)		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/ m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.8200	48.45	-15.91	32.54	40.00	-7.46	peak
2	63.9500	42.83	-25.64	17.19	40.00	-22.81	peak
3	125.0600	35.38	-18.22	17.16	43.50	-26.34	peak
4	460.6800	33.56	-9.43	24.13	46.00	-21.87	peak
5	733.2500	29.82	-2.35	27.47	46.00	-18.53	peak
6	967.9900	29.13	1.95	31.08	54.00	-22.92	peak

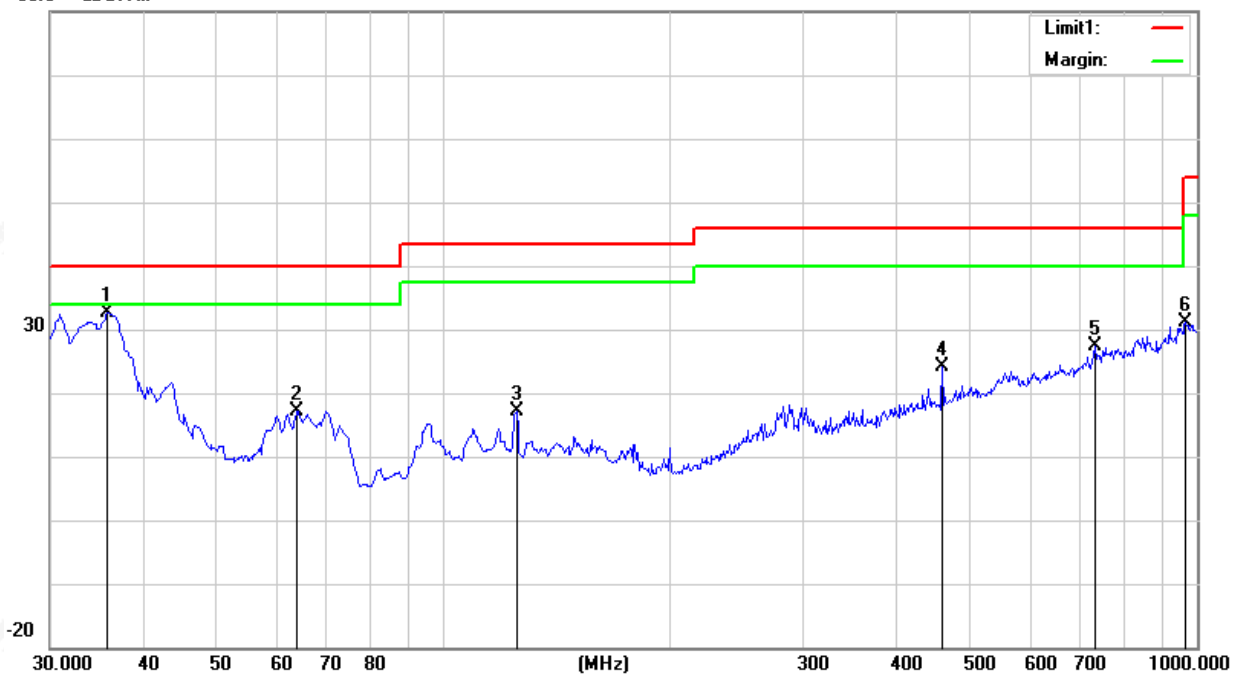
Remark:

Margin = Result (Result =Reading + Factor)-Limit

Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

All modes have been tested,only show the worst case.

80.0 dBuV/m





S10-BUD-A-TEEU-SID14.1

Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Horizontal
Test Mode:	Mode 1/2/3 (wost mode1)		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/ m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	36.06	-13.35	22.71	40.00	-17.29	peak
2	95.9600	45.97	-20.67	25.30	43.50	-18.20	peak
3	460.6800	37.36	-9.43	27.93	46.00	-18.07	peak
4	636.2500	28.48	-4.92	23.56	46.00	-22.44	peak
5	733.2500	33.10	-2.35	30.75	46.00	-15.25	peak
6	921.4300	31.24	0.06	31.30	46.00	-14.70	peak

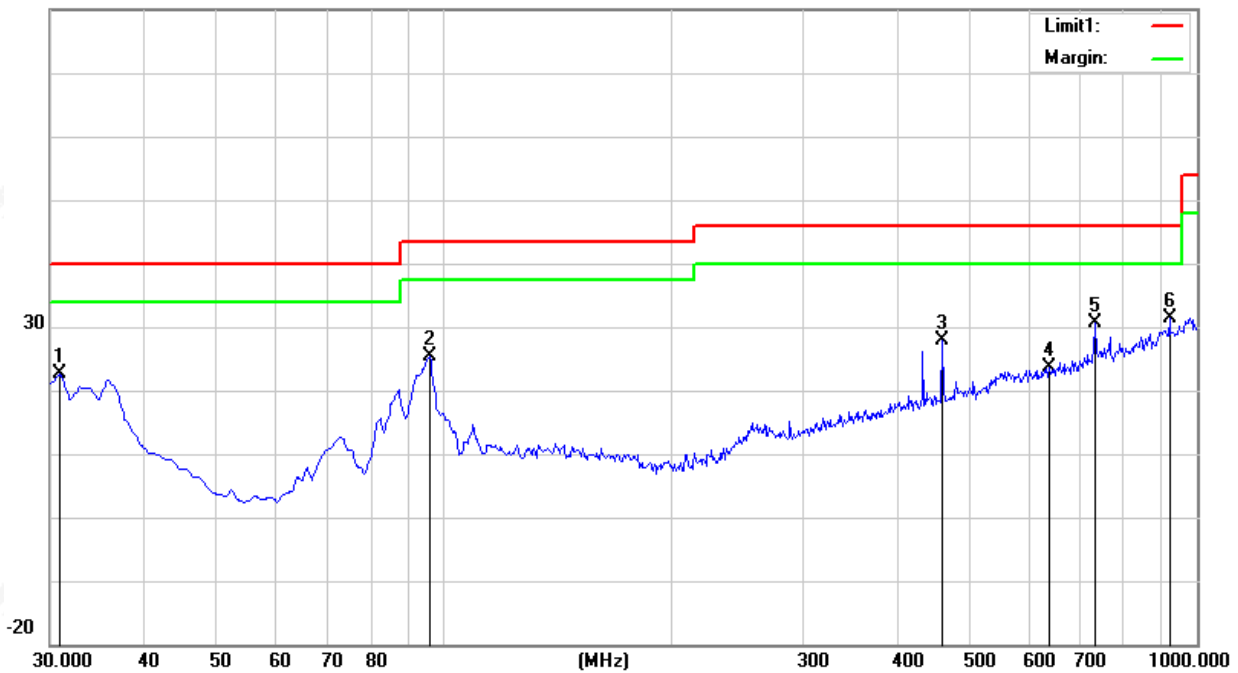
Remark:

Margin = Result (Result =Reading + Factor)-Limit

Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

All modes have been tested,only show the worst case.

80.0 dBuV/m



Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Vertical
Test Mode:	Mode 1/2/3 (wost mode1)		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/ m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	45.89	-13.35	32.54	40.00	-7.46	peak
2	70.7400	41.47	-24.73	16.74	40.00	-23.26	peak
3	125.0600	36.96	-18.22	18.74	43.50	-24.76	peak
4	460.6800	33.33	-9.43	23.90	46.00	-22.10	peak
5	733.2500	29.83	-2.35	27.48	46.00	-18.52	peak
6	980.6000	29.40	2.63	32.03	54.00	-21.97	peak

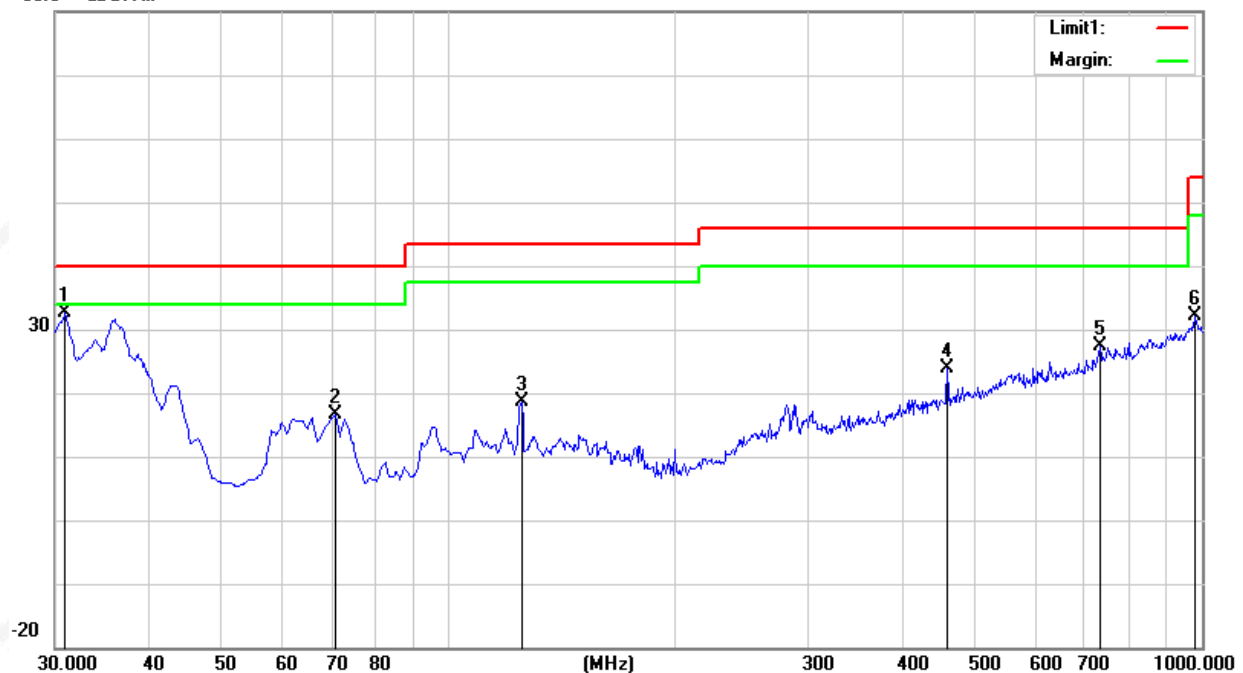
Remark:

Margin = Result (Result =Reading + Factor)–Limit

Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

All modes have been tested,only show the worst case.

80.0 dBuV/m





S10-BUD-A-TEEU-SIE14.1

Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Horizontal
Test Mode:	Mode 1/2/3 (wost mode1)		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/ m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	38.44	-13.35	25.09	40.00	-14.91	peak
2	94.9900	48.31	-20.78	27.53	43.50	-15.97	peak
3	286.0800	33.27	-15.37	17.90	46.00	-28.10	peak
4	433.5200	40.13	-10.13	30.00	46.00	-16.00	peak
5	733.2500	30.96	-2.35	28.61	46.00	-17.39	peak
6	976.7200	29.53	2.45	31.98	54.00	-22.02	peak

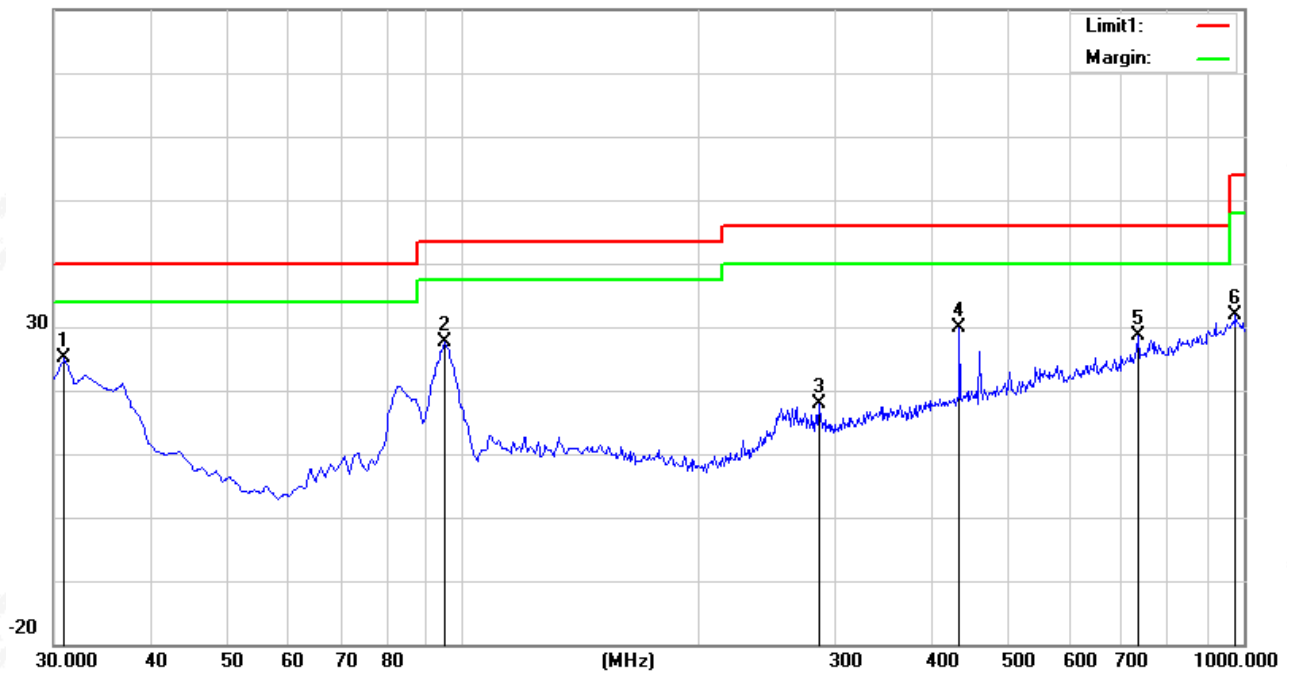
Remark:

Margin = Result (Result =Reading + Factor)-Limit

Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

All modes have been tested,only show the worst case.

80.0 dBuV/m





Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 3.7V	Phase:	Vertical
Test Mode:	Mode 1/2/3 (wost mode1)		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/ m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.9100	47.72	-14.33	33.39	40.00	-6.61	peak
2	82.3800	37.50	-22.68	14.82	40.00	-25.18	peak
3	359.8000	31.01	-12.87	18.14	46.00	-27.86	peak
4	460.6800	34.33	-9.43	24.90	46.00	-21.10	peak
5	729.3700	29.61	-2.52	27.09	46.00	-18.91	peak
6	901.0600	34.63	-0.43	34.20	46.00	-11.80	peak

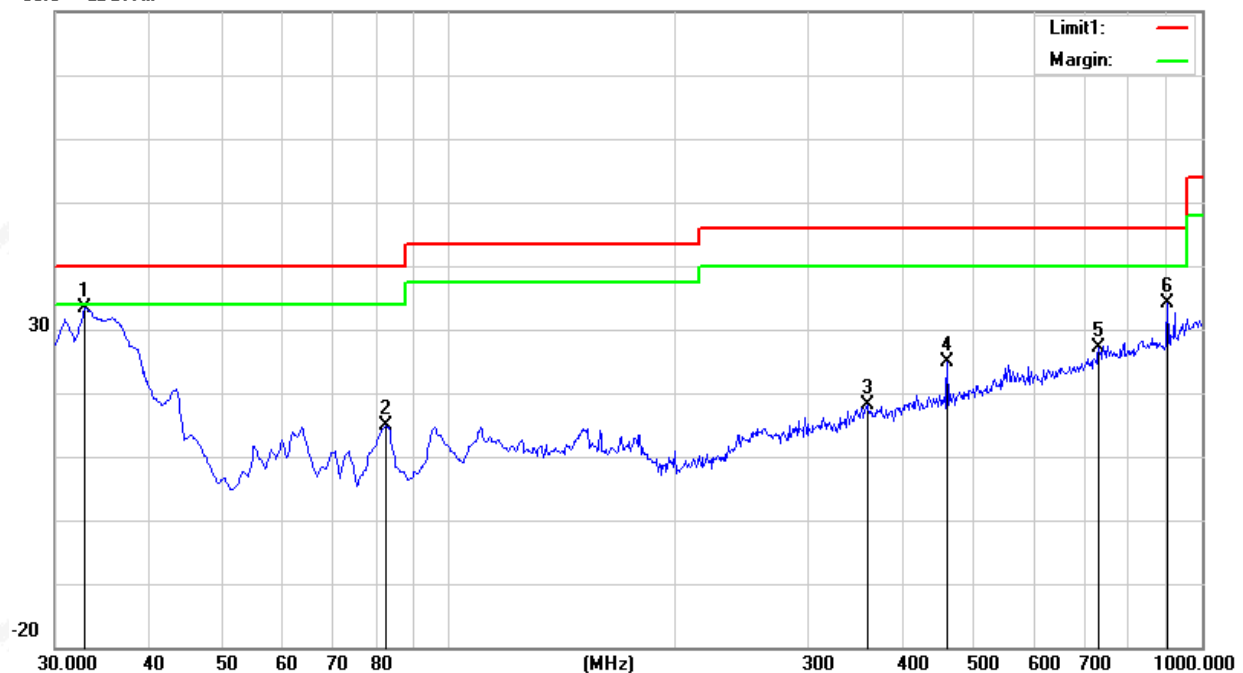
Remark:

Margin = Result (Result =Reading + Factor)-Limit

Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

All modes have been tested,only show the worst case.

80.0 dBuV/m





Above 1G Radiation Spurious

S10-BUD-A-TEEU-SID

914.5MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1829.10	67.65	PK	45.10	4.91	25.00	-15.19	52.46	74	-21.54	H
1829.10	66.73	PK	45.10	4.91	25.00	-15.19	51.54	74	-22.46	V
2743.49	63.06	PK	44.10	5.03	25.80	-13.27	49.79	74	-24.21	H
2743.49	62.83	PK	44.10	5.03	25.80	-13.27	49.56	74	-24.44	V
3658.18	50.69	PK	43.80	6.72	33.40	-3.68	47.01	74	-26.99	H
3658.18	50.52	PK	43.80	6.72	33.40	-3.68	46.84	74	-27.16	V

917.5MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1835.00	67.57	PK	45.10	4.91	25.00	-15.19	52.38	74	-21.62	H
1835.00	66.90	PK	45.10	4.91	25.00	-15.19	51.71	74	-22.29	V
2752.44	64.08	PK	44.10	5.03	25.80	-13.27	50.81	74	-23.19	H
2752.44	63.81	PK	44.10	5.03	25.80	-13.27	50.54	74	-23.46	V
3669.83	50.61	PK	43.80	6.72	33.40	-3.68	46.93	74	-27.07	H
3669.83	50.58	PK	43.80	6.72	33.40	-3.68	46.90	74	-27.10	V

921.0MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1842.03	67.75	PK	45.10	4.91	25.00	-15.19	52.56	74	-21.44	H
1842.03	67.11	PK	45.10	4.91	25.00	-15.19	51.92	74	-22.08	V
2762.98	60.13	PK	44.10	5.03	25.80	-13.27	46.86	74	-27.14	H
2762.98	60.55	PK	44.10	5.03	25.80	-13.27	47.28	74	-26.72	V
3684.00	49.58	PK	43.80	6.72	33.40	-3.68	45.90	74	-28.10	H
3684.00	49.47	PK	43.80	6.72	33.40	-3.68	45.79	74	-28.21	V

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

S10-BUD-A-TEEU-SID14.1
914.5MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1828.92	68.95	PK	45.10	4.91	25.00	-15.19	53.76	74	-20.24	H
1828.92	67.78	PK	45.10	4.91	25.00	-15.19	52.59	74	-21.41	V
2743.49	64.39	PK	44.10	5.03	25.80	-13.27	51.12	74	-22.88	H
2743.49	64.57	PK	44.10	5.03	25.80	-13.27	51.30	74	-22.70	V
3658.14	50.50	PK	43.80	6.72	33.40	-3.68	46.82	74	-27.18	H
3658.14	50.64	PK	43.80	6.72	33.40	-3.68	46.96	74	-27.04	V

917.5MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1835.14	66.71	PK	45.10	4.91	25.00	-15.19	51.52	74	-22.48	H
1835.14	66.07	PK	45.10	4.91	25.00	-15.19	50.88	74	-23.12	V
2752.72	63.11	PK	44.10	5.03	25.80	-13.27	49.84	74	-24.16	H
2752.72	63.74	PK	44.10	5.03	25.80	-13.27	50.47	74	-23.53	V
3669.99	50.97	PK	43.80	6.72	33.40	-3.68	47.29	74	-26.71	H
3669.99	50.76	PK	43.80	6.72	33.40	-3.68	47.08	74	-26.92	V

921.0MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1842.11	67.89	PK	45.10	4.91	25.00	-15.19	52.70	74	-21.30	H
1842.11	67.20	PK	45.10	4.91	25.00	-15.19	52.01	74	-21.99	V
2762.96	64.21	PK	44.10	5.03	25.80	-13.27	50.94	74	-23.06	H
2762.96	63.64	PK	44.10	5.03	25.80	-13.27	50.37	74	-23.63	V
3683.86	50.73	PK	43.80	6.72	33.40	-3.68	47.05	74	-26.95	H
3683.86	50.54	PK	43.80	6.72	33.40	-3.68	46.86	74	-27.14	V

S10-BUD-A-TEEU-SIE14.1
914.5MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1828.96	66.75	PK	45.10	4.91	25.00	-15.19	51.56	74	-22.44	H
1828.96	65.76	PK	45.10	4.91	25.00	-15.19	50.57	74	-23.43	V
2743.51	58.01	PK	44.10	5.03	25.80	-13.27	44.74	74	-29.26	H
2743.51	56.60	PK	44.10	5.03	25.80	-13.27	43.33	74	-30.67	V
3658.09	50.91	PK	43.80	6.72	33.40	-3.68	47.23	74	-26.77	H
3658.09	50.72	PK	43.80	6.72	33.40	-3.68	47.04	74	-26.96	V

917.5MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1835.04	66.82	PK	45.10	4.91	25.00	-15.19	51.63	74	-22.37	H
1835.04	66.17	PK	45.10	4.91	25.00	-15.19	50.98	74	-23.02	V
2752.55	58.21	PK	44.10	5.03	25.80	-13.27	44.94	74	-29.06	H
2752.55	56.73	PK	44.10	5.03	25.80	-13.27	43.46	74	-30.54	V
3670.13	50.69	PK	43.80	6.72	33.40	-3.68	47.01	74	-26.99	H
3670.13	50.52	PK	43.80	6.72	33.40	-3.68	46.84	74	-27.16	V

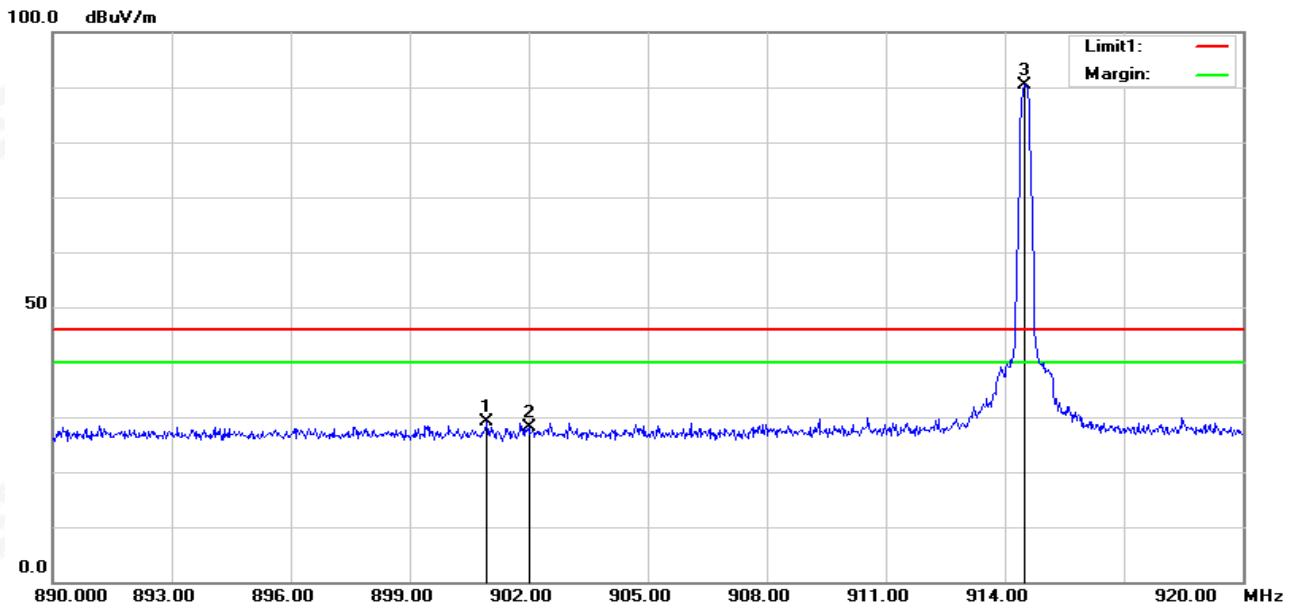
921.0MHz

Frequency	Meter Reading	Detector	Amplifier	Loss	Antenna Factor	Orrected Factor	Corrected Amplitude	Limit	Margin	RX Antenna Polar
(MHz)	(dBμV/m)	(PK/QP/AV)	(dB)	(dB)	(dB/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	(H/V)
1842.15	66.52	PK	45.10	4.91	25.00	-15.19	51.33	74	-22.67	H
1842.15	66.04	PK	45.10	4.91	25.00	-15.19	50.85	74	-23.15	V
2763.02	58.32	PK	44.10	5.03	25.80	-13.27	45.05	74	-28.95	H
2763.02	56.68	PK	44.10	5.03	25.80	-13.27	43.41	74	-30.59	V
3684.13	50.86	PK	43.80	6.72	33.40	-3.68	47.18	74	-26.82	H
3684.13	50.64	PK	43.80	6.72	33.40	-3.68	46.96	74	-27.04	V



(Radiation Band edge)

S10-BUD-A-TEEU-SID
914.5MHz
Horizontal

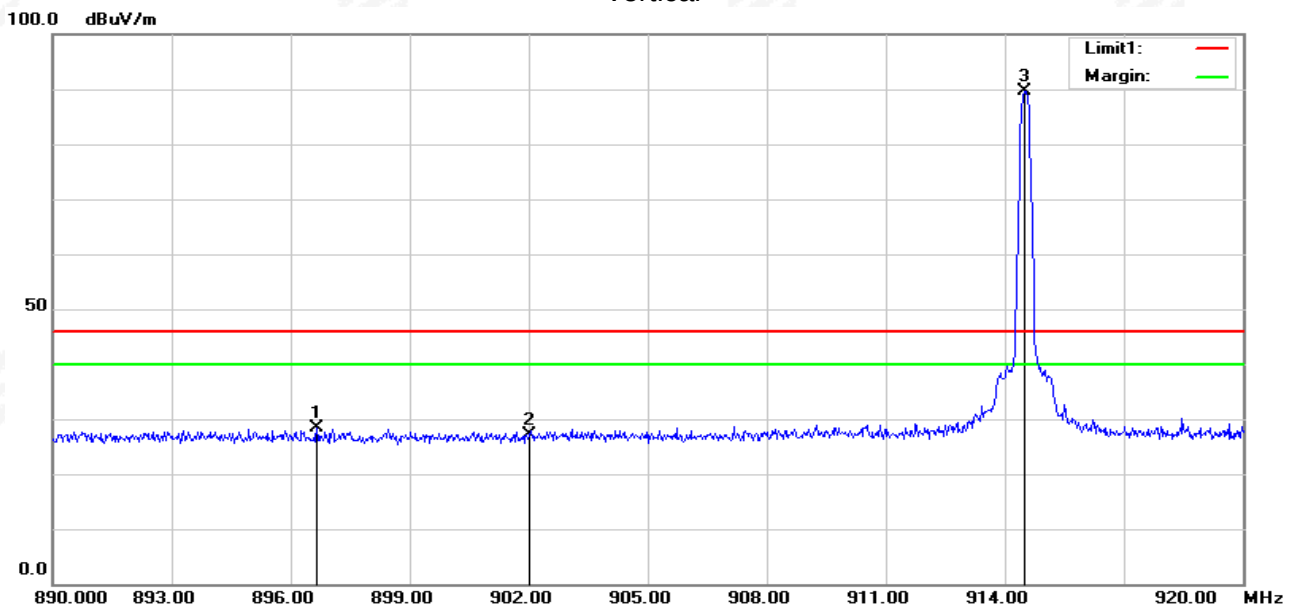


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	900.9500	29.57	-0.43	29.14	46.00	-16.86	peak
2	902.0000	28.61	-0.40	28.21	46.00	-17.79	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
3	914.4800	90.55	-0.11	-	90.44	94	-3.56	QP

Vertical

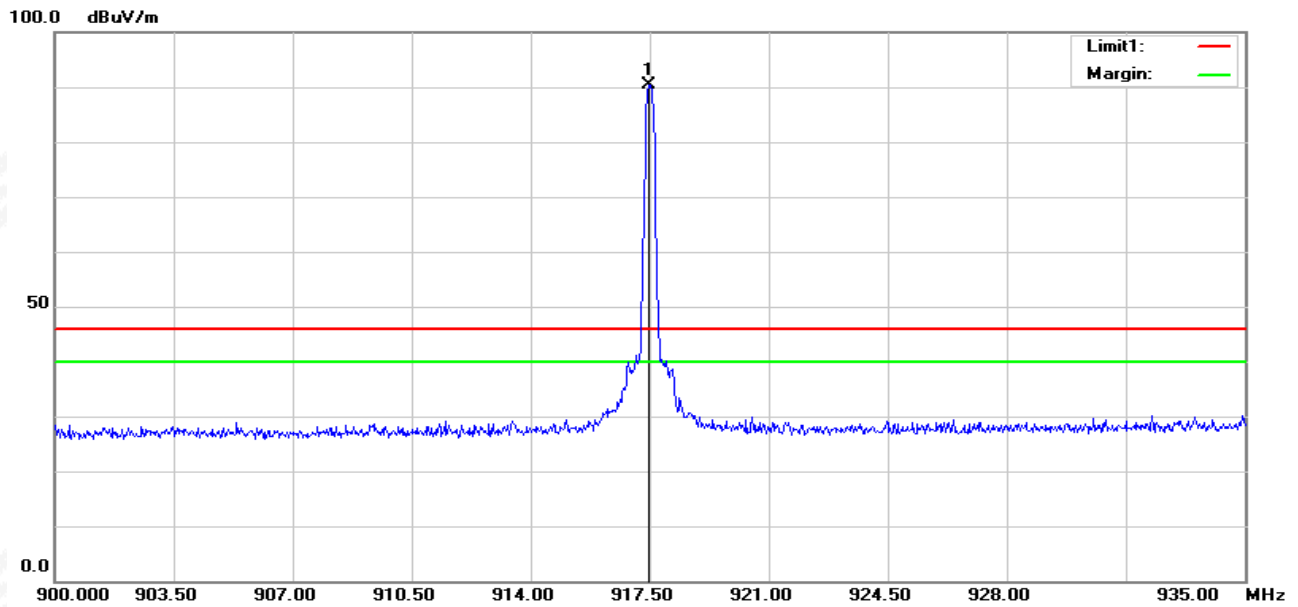


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	896.6600	28.89	-0.53	28.36	46.00	-17.64	peak
2	902.0000	27.43	-0.40	27.03	46.00	-18.97	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
3	914.4800	89.66	-0.11	-	89.55	94	-4.45	QP

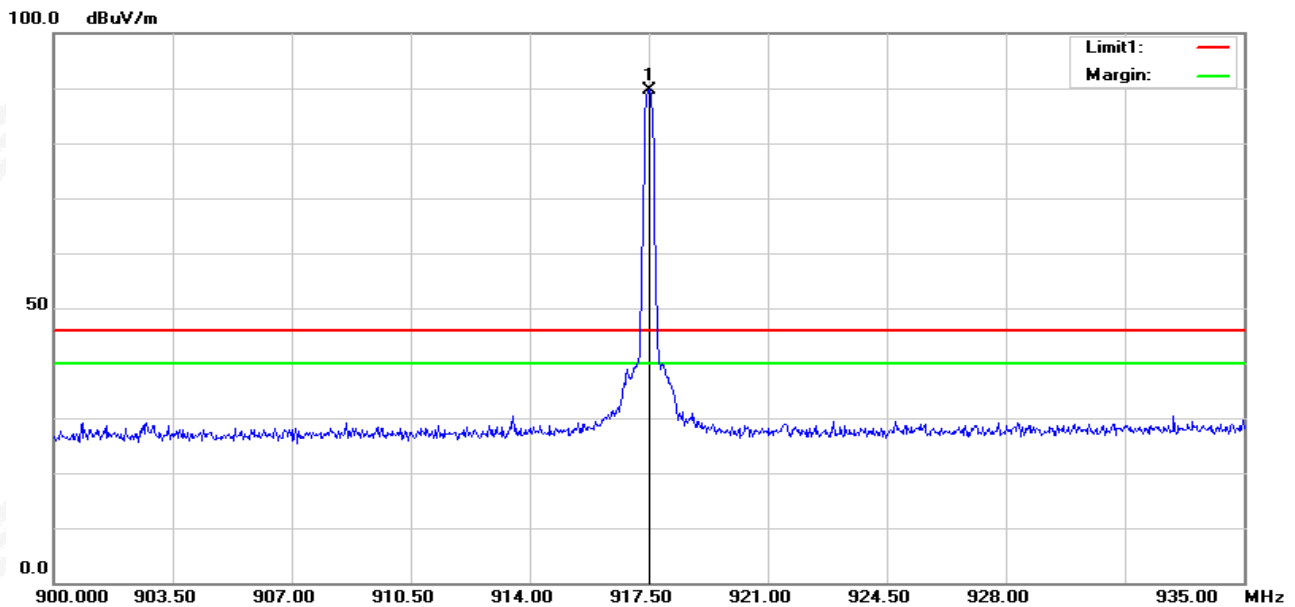
917.5MHz
Horizontal



Fundamental Frequency

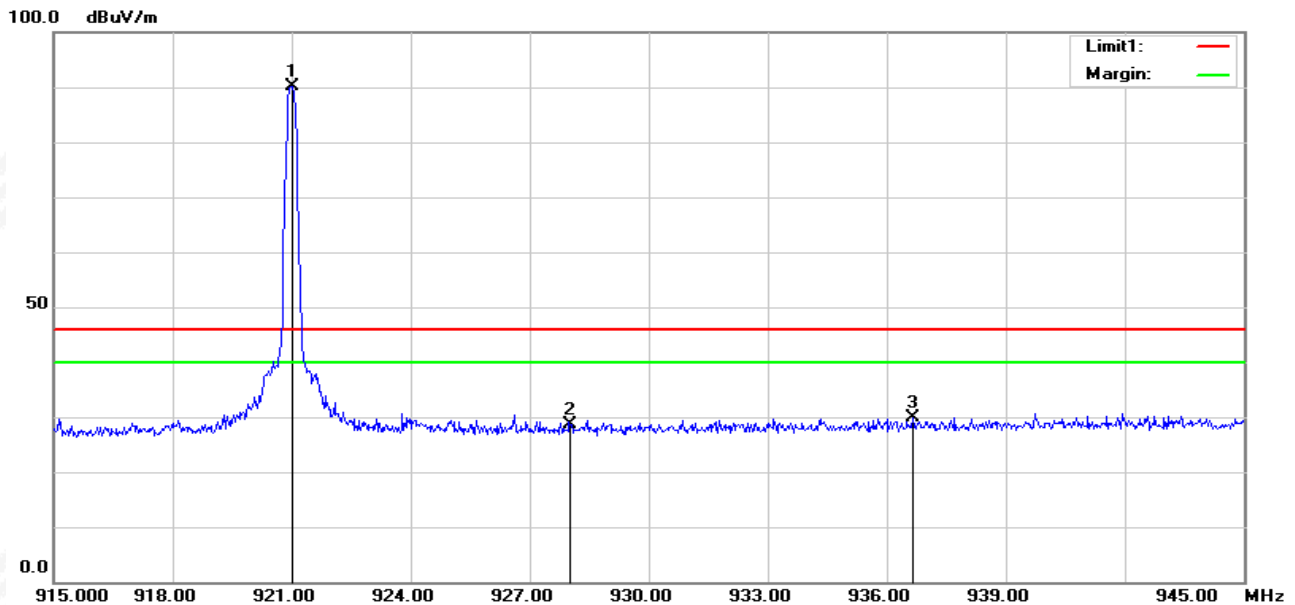
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	917.4650	90.51	-0.06	-	90.45	94	-3.55	QP

Vertical



Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	917.5350	89.81	-0.06	-	89.75	94	-4.25	QP

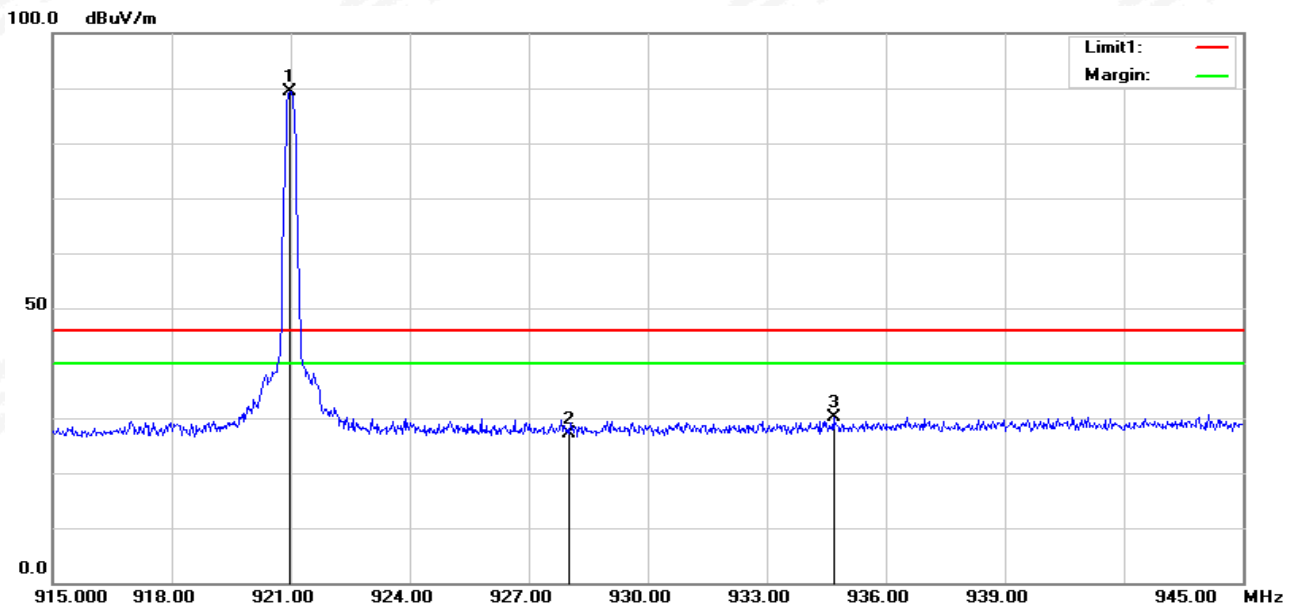
921MHz
Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2	928.0000	28.16	0.43	28.59	46.00	-17.41	peak
3	936.6600	28.83	1.10	29.93	46.00	-16.07	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	921.0000	90.14	0.04	-	90.18	94	-3.82	QP

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2	928.0000	26.66	0.43	27.09	46.00	-18.91	peak
3	934.6800	29.25	0.94	30.19	46.00	-15.81	peak

Fundamental Frequency

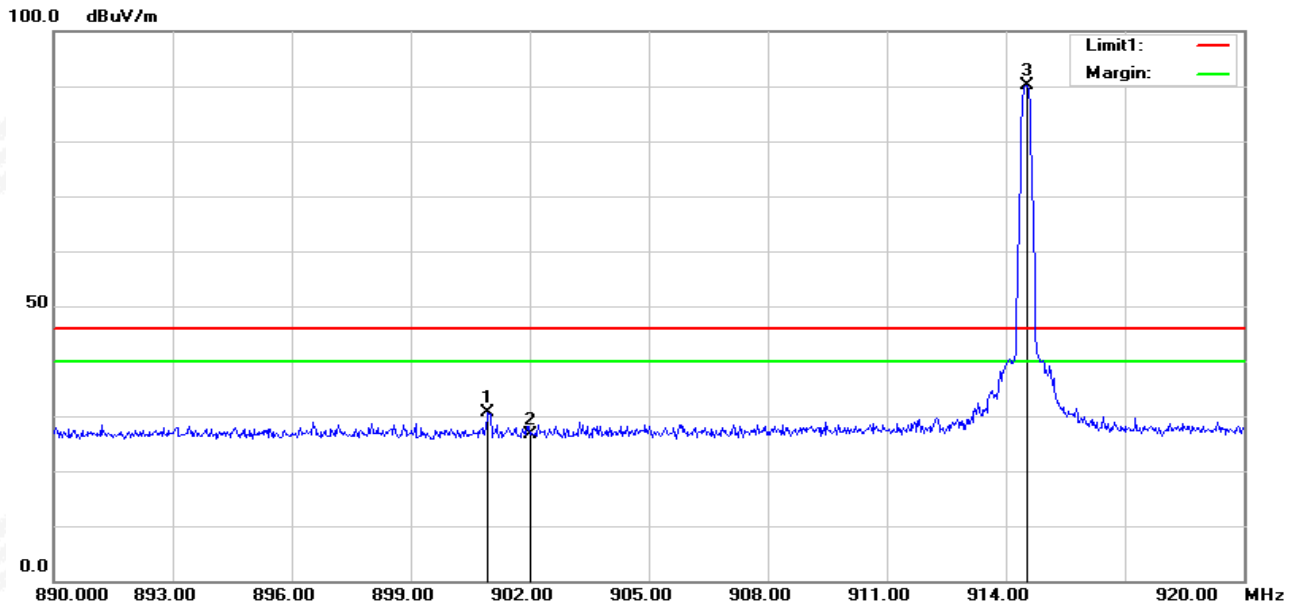
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	920.9700	89.46	0.04	-	89.50	94	-4.5	QP



S10-BUD-A-TEEU-SID14.1

914.5 MHz

Horizontal

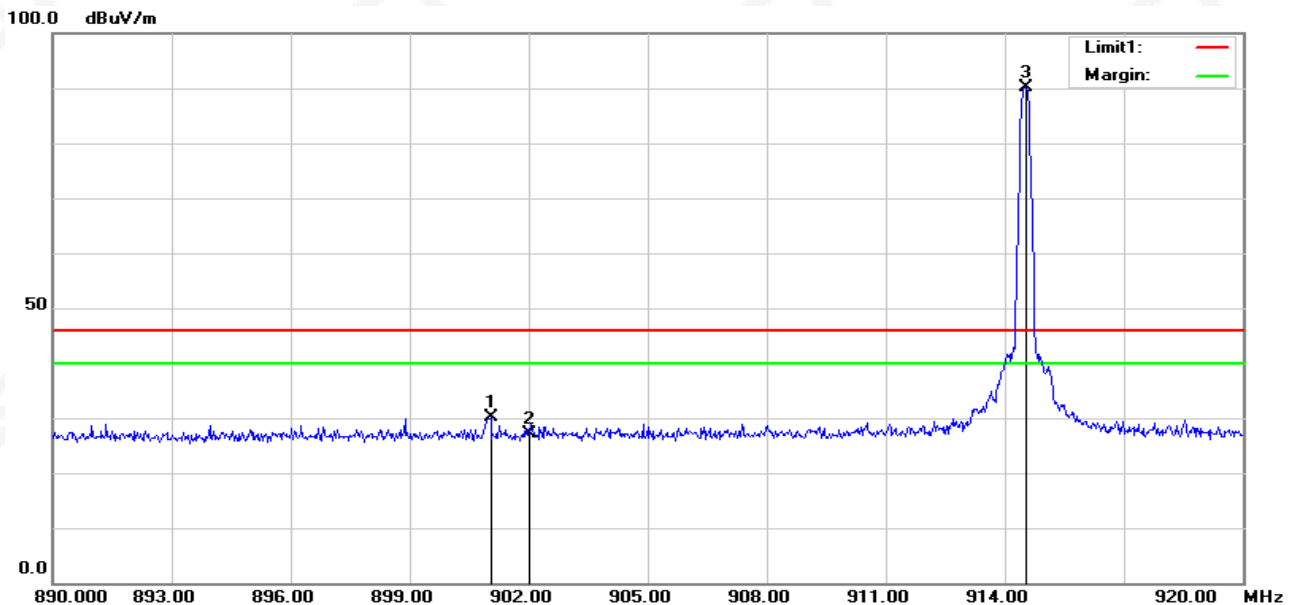


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	900.9500	30.96	-0.43	30.53	46.00	-15.47	peak
2	902.0000	27.14	-0.40	26.74	46.00	-19.26	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
3	914.5400	90.27	-0.11	-	90.16	94	-3.84	QP

Vertical

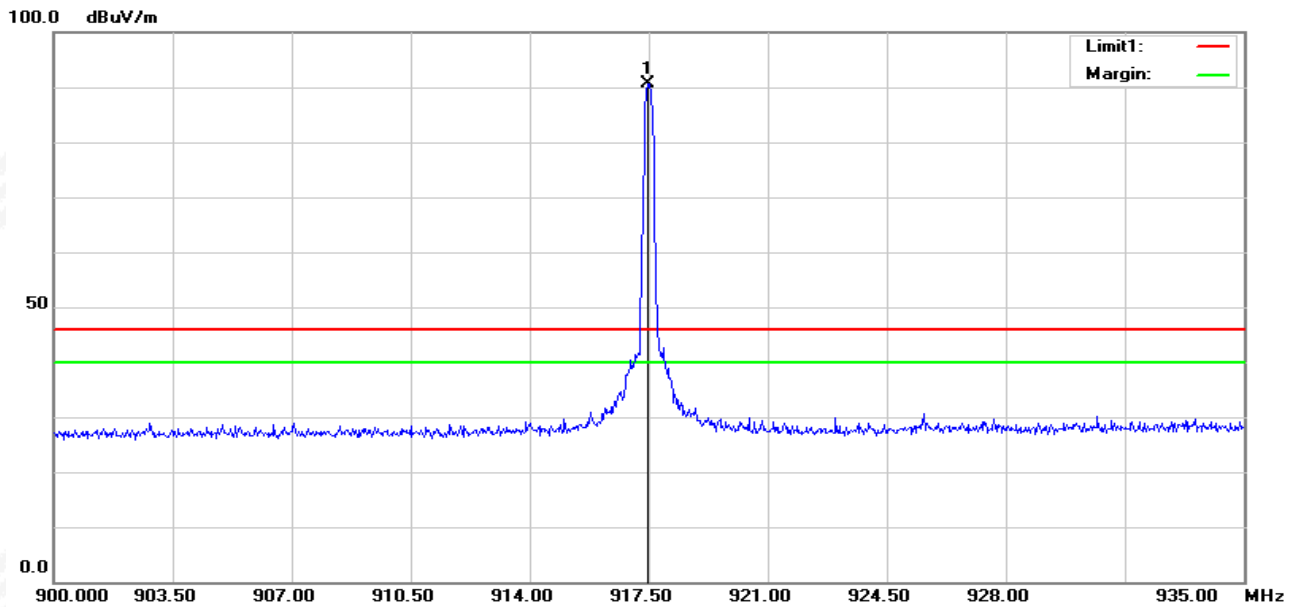


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	901.0400	30.64	-0.43	30.21	46.00	-15.79	peak
2	902.0000	27.58	-0.40	27.18	46.00	-18.82	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
3	914.5400	90.30	-0.11	-	90.19	94	-3.81	QP

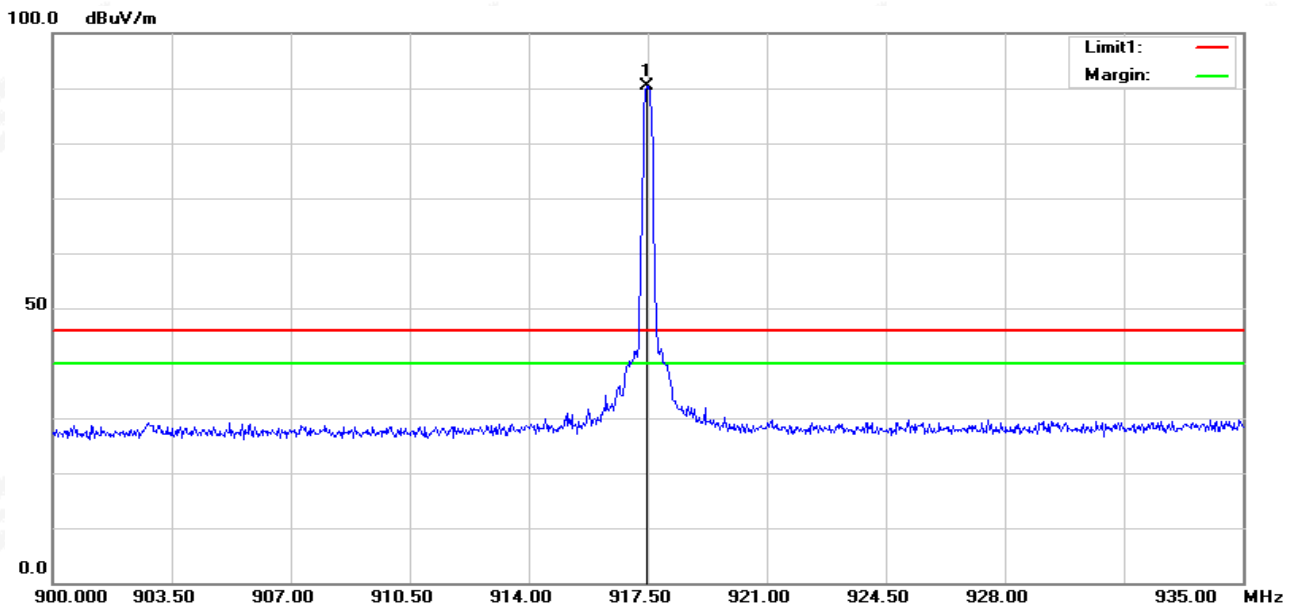
917.5 MHz
Horizontal



Fundamental Frequency

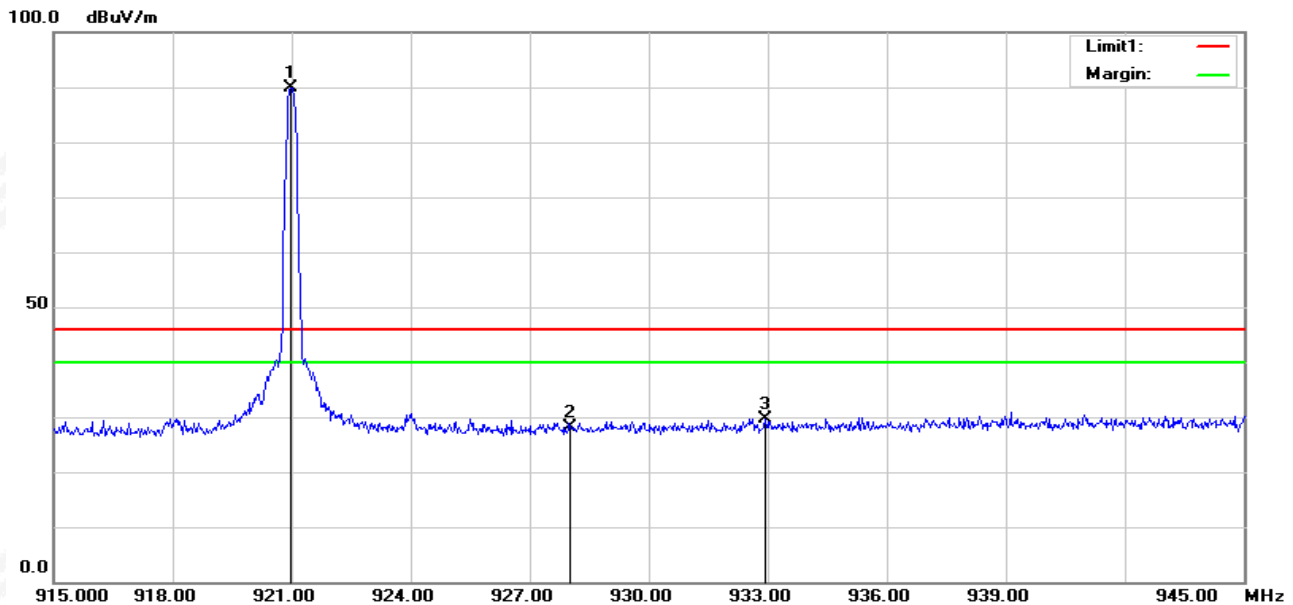
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	917.4650	90.66	-0.06	-	90.60	94	-3.4	QP

Vertical



Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	917.4650	90.50	-0.06	-	90.44	94	-3.56	QP

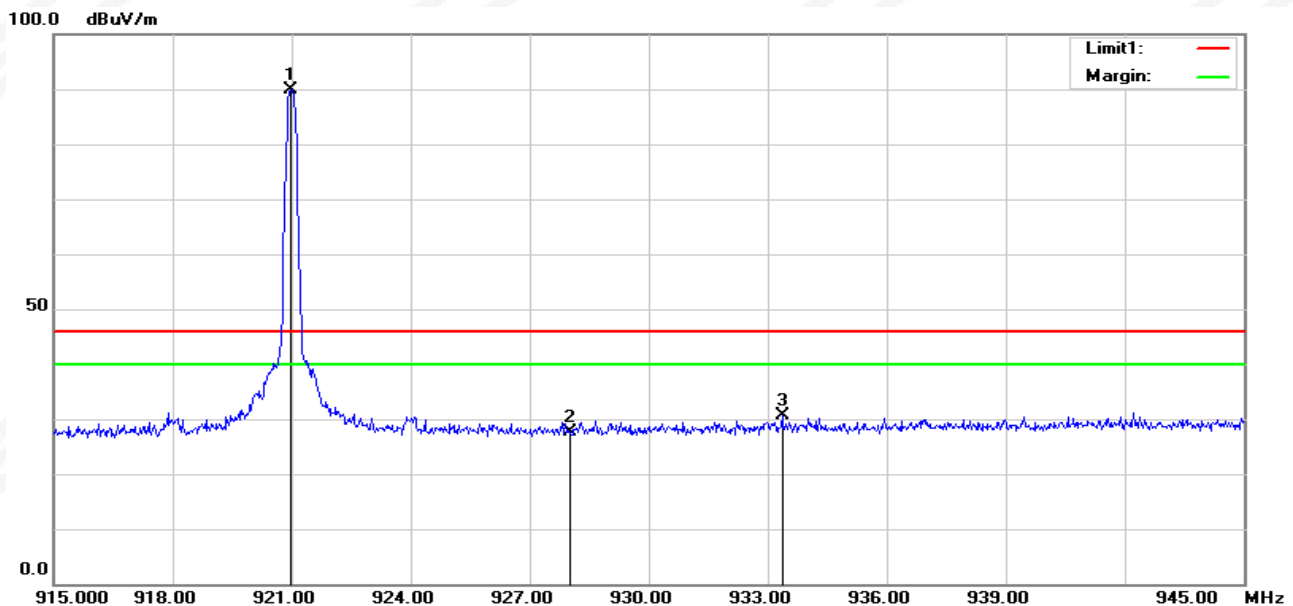
921MHz
Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2	928.0000	27.76	0.43	28.19	46.00	-17.81	peak
3	932.9400	28.94	0.79	29.73	46.00	-16.27	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	920.9700	89.76	0.04	-	89.80	94	-4.2	QP

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2	928.0000	27.26	0.43	27.69	46.00	-18.31	peak
3	933.3600	29.86	0.83	30.69	46.00	-15.31	peak

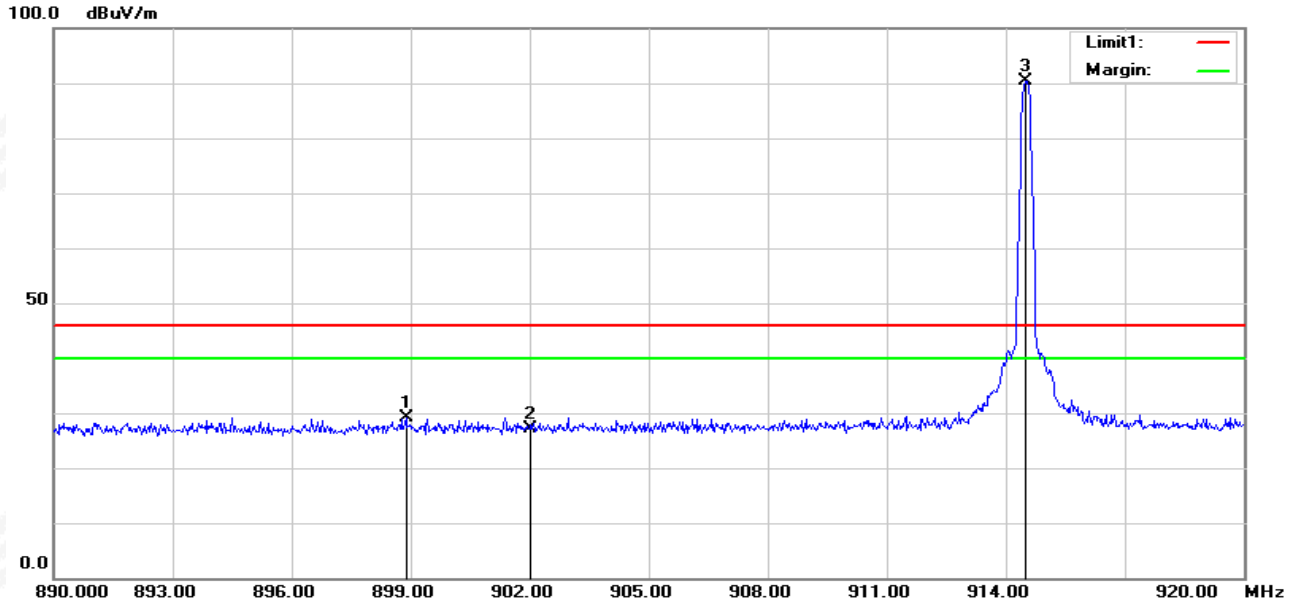
Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	920.9700	89.83	0.04	-	89.87	94	-4.13	QP

S10-BUD-A-TEEU-SIE14.1

914.5 MHz

Horizontal

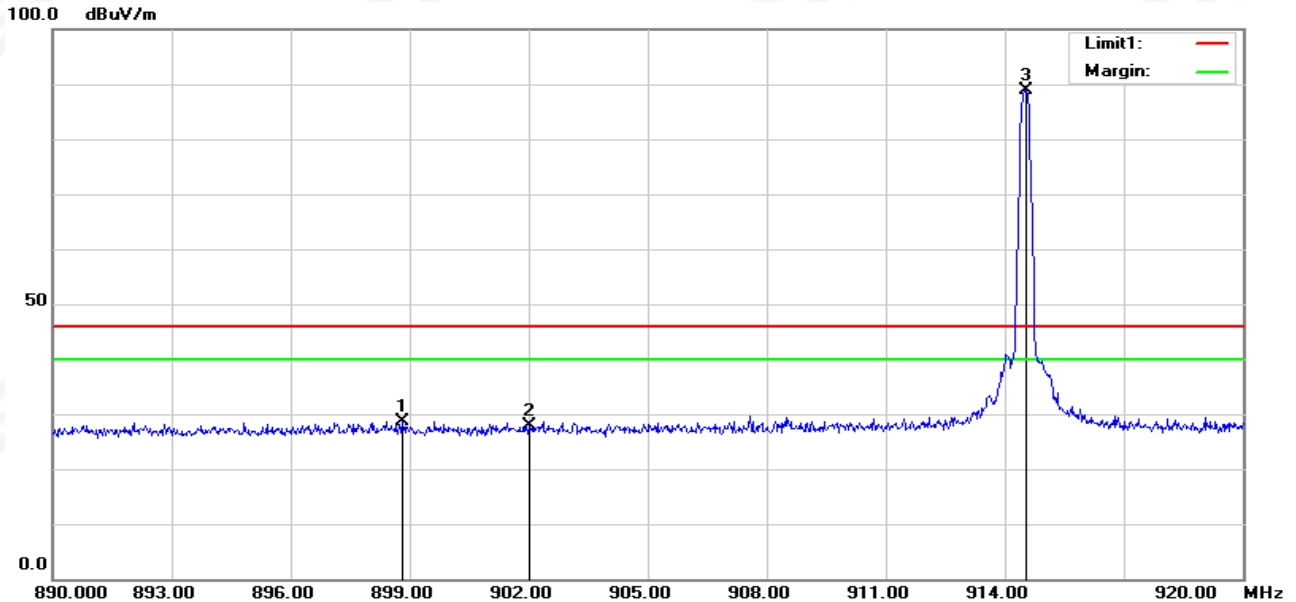


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	898.8800	29.51	-0.48	29.03	46.00	-16.97	peak
2	902.0000	27.58	-0.40	27.18	46.00	-18.82	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
3	914.4800	90.45	-0.11	-	90.34	94	-3.66	QP

Vertical

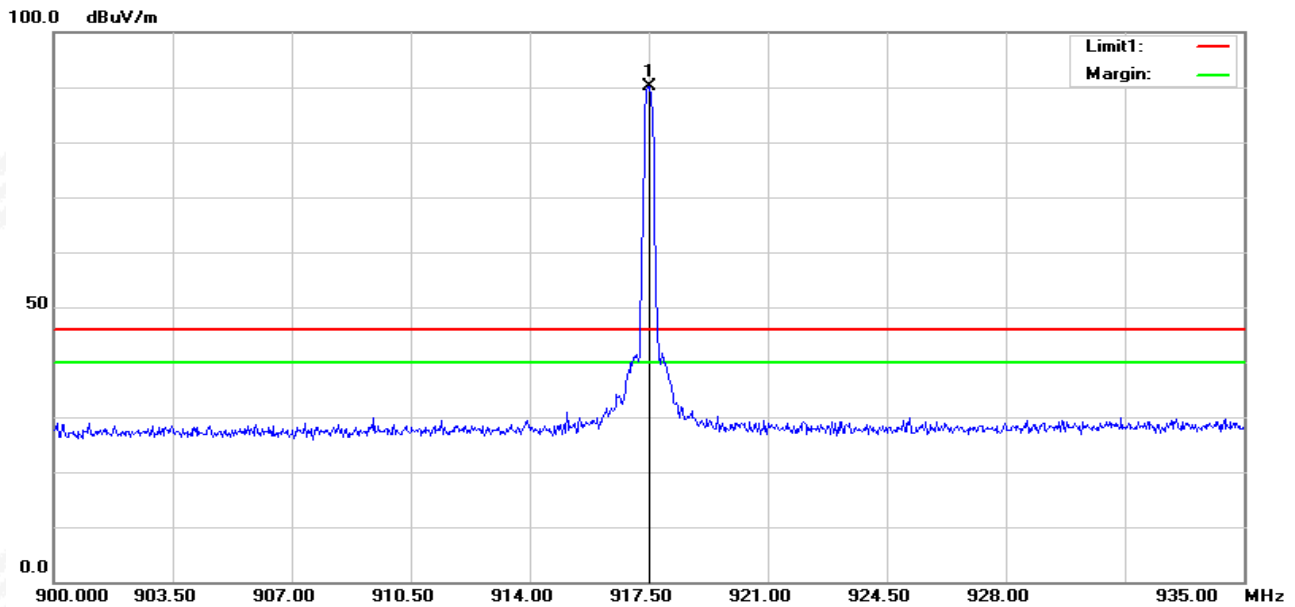


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	898.8200	29.20	-0.48	28.72	46.00	-17.28	peak
2	902.0000	28.22	-0.40	27.82	46.00	-18.18	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
3	914.5400	88.88	-0.11	-	88.77	94	-5.23	QP

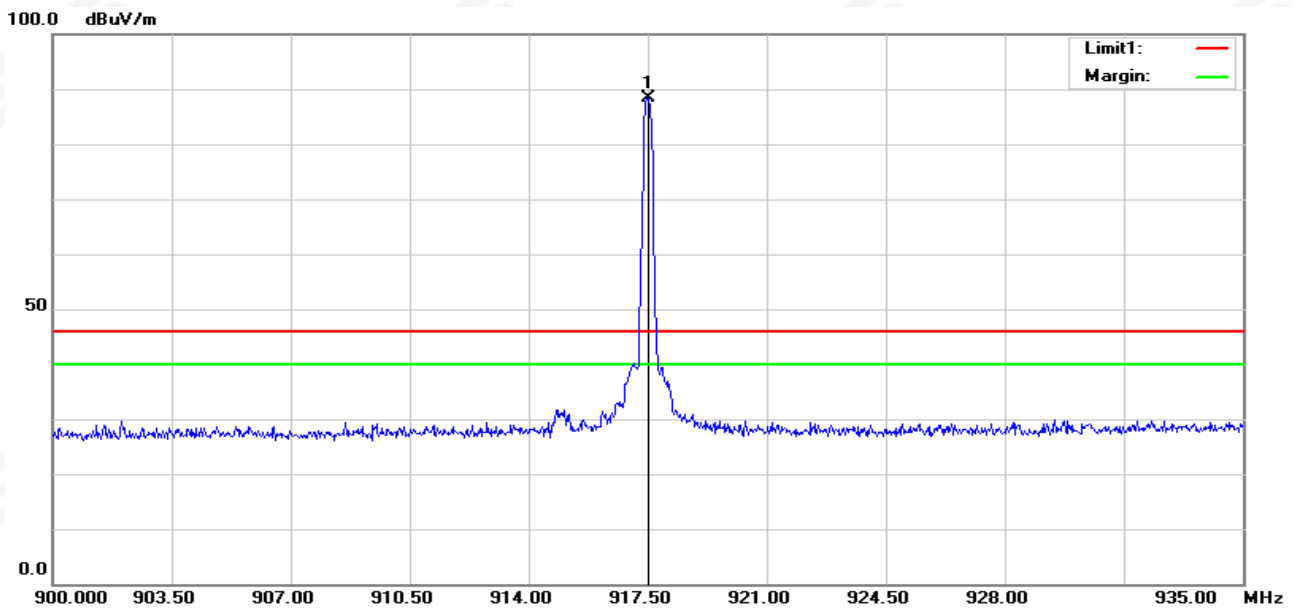
917.5 MHz
Horizontal



Fundamental Frequency

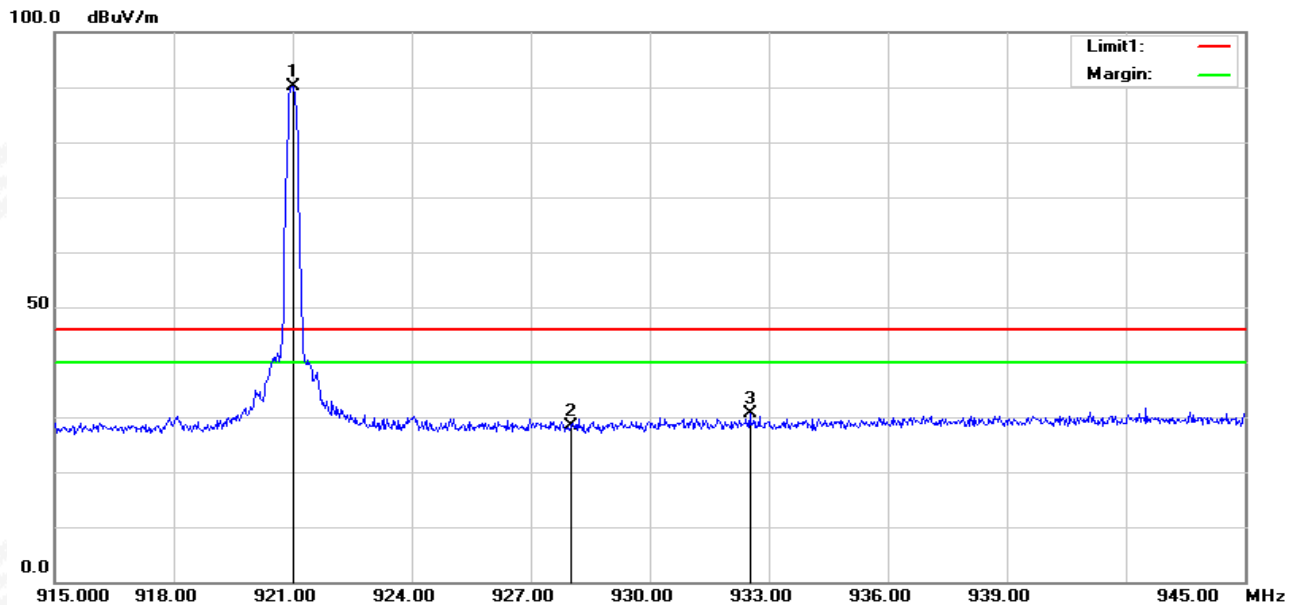
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	917.5350	90.16	-0.06	-	90.10	94	-3.90	QP

Vertical



Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	917.5350	88.40	-0.06	-	88.34	94	-5.66	QP

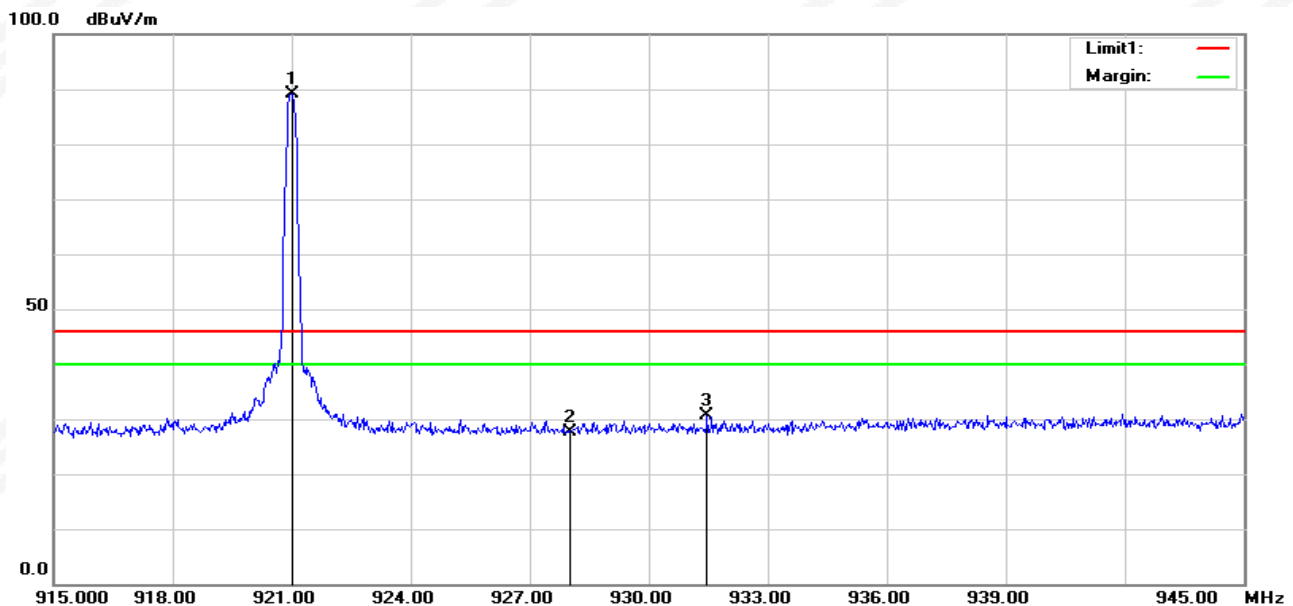
921MHz
Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2	928.0000	27.89	0.43	28.32	46.00	-17.68	peak
3	932.5200	29.77	0.75	30.52	46.00	-15.48	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	921.0000	90.12	0.04	-	90.16	94	-3.84	QP

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2	928.0000	27.31	0.43	27.74	46.00	-18.26	peak
3	931.4700	29.90	0.67	30.57	46.00	-15.43	peak

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Duty cycle Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	921.0000	89.04	0.04	-	89.08	94	-4.92	QP



4. ANTENNA REQUIREMENT

4.1 STANDARD REQUIREMENT

According to the FCC Part 15 Paragraph 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

4.2 EUT ANTENNA

The EUT antenna is FPC Antenna. It conforms to the standard requirements.



APPENDIX- PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

*****END OF THE REPORT*****