



Radio Test Report

Report No.: STS2604328W06

Issued for

Guangzhou Senke Electronics Co.,Ltd

Room 201, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216
Building 11, No. 684, Shibe Industrial Road, Dashi Street,
Panyu District, Guangzhou

Product Name: Touch all in one pc

Brand Name: SENKE

Model Name: SK-BST236-12DC

Series Model(s): N/A

FCC ID: 2BT2Q-SKBST236

Test Standards: FCC Part15.407

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: Guangzhou Senke Electronics Co.,Ltd
Address: Room 201, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216 Building
11, No. 684, Shibei Industrial Road, Dashi Street, Panyu District,
Guangzhou

Manufacturer's Name: Guangzhou Senke Electronics Co.,Ltd
Address: Room 201, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216 Building
11, No. 684, Shibei Industrial Road, Dashi Street, Panyu District,
Guangzhou

Product Description

Product Name: Touch all in one pc

Brand Name: SENKE

Model Name: SK-BST236-12DC

Series Model(s): N/A

Test Standards: FCC Part15.407

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: 25 Dec. 2025

Date (s) of performance of tests: 25 Dec. 2025 ~ 14 Apr. 2026

Date of Issue: 14 Apr. 2026

Test Result: **Pass**

Testing Engineer :

Aaron Bu

(Aaron Bu)

Technical Manager :

Skylar Li

(Skylar Li)

Authorized Signatory :

Bovey Yang

(Bovey Yang)





Table of Contents	Page
1. SUMMARY OF TEST RESULTS	6
1.1 TEST FACTORY	7
1.2 MEASUREMENT UNCERTAINTY	7
2. GENERAL INFORMATION	8
2.1 GENERAL DESCRIPTION OF THE EUT	8
2.2 DESCRIPTION OF TEST MODES	12
2.3 TEST SOFTWARE AND POWER LEVEL	13
2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	14
2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS	15
2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS	16
3. EMC EMISSION TEST	17
3.1 CONDUCTED EMISSION MEASUREMENT	17
3.2 RADIATED EMISSION AND (BANDEDGE) MEASUREMEN	21
4. POWER SPECTRAL DENSITY TEST	224
4.1 LIMIT	224
4.2 TEST PROCEDURE	224
4.3 DEVIATION FROM STANDARD	224
4.4 TEST SETUP	224
4.5 EUT OPERATION CONDITIONS	224
4.6 TEST RESULTS	225
5. BANDWIDTH MEASUREMENT	226
5.1 LIMIT	226
5.2 TEST PROCEDURE	226
5.3 DEVIATION FROM STANDARD	226
5.4 TEST SETUP	226
5.5 EUT OPERATION CONDITIONS	226
5.6 TEST RESULTS	226
6. MAXIMUM CONDUCTED OUTPUT POWER AND MAXIMUM EIRP	227
6.1 LIMIT	227
6.2 TEST PROCEDURE	227
6.3 DEVIATION FROM STANDARD	227
6.4 TEST SETUP	227
6.5 EUT OPERATION CONDITIONS	227
6.6 TEST RESULTS	227
7. IN-BAND EMISSIONS	228



Table of Contents	Page
7.1 LIMIT	228
7.2 TEST PROCEDURE	228
7.3 DEVIATION FROM STANDARD	228
7.4 TEST SETUP	228
7.5 EUT OPERATION CONDITIONS	228
7.6 TEST RESULTS	228
8. CONTENTION BASED PROTOCOL	229
8.1 LIMIT	229
8.2 TEST PROCEDURE	229
8.3 DEVIATION FROM STANDARD	229
8.4 TEST SETUP	229
8.5 TEST RESULTS	230
9. AUTOMATICALLY DISCONTINUE TRANSMISSION	231
9.1 LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION	231
9.2 TEST RESULT OF AUTOMATICALLY DISCONTINUE TRANSMISSION	231
10. ANTENNA REQUIREMENT	232
10.1 STANDARD REQUIREMENT	232
10.2 EUT ANTENNA	232
APPENDIX - PHOTOS OF TEST SETUP	233

**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	14 Apr. 2026	STS2604328W06	ALL	Initial Issue



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

§ 15.407, KDB 789033 D02 General U-NII Test Procedures New Rules v02r01.

KDB 98794 D02 U-NII 6GHz EMC Measurement v02r01.

FCC Part 15.407		
FCC standard	Test Item	Results
15.207	AC Conducted Emission	PASS
15.407 (a)	26dB & 99% Bandwidth	PASS
15.407(a)	Maximum Conducted Output Power And Maximum EIRP	PASS
15.407(b)/15.205/15.209	Radiated Emission And (bandedge Emissions) Measurement	PASS
15.407(b)	In-Band Emission(Mask)	PASS
15.407(a)	Power Spectral Density	PASS
15.407(c)	Automatically Discontinue Transmission	PASS
15.407(d)	Contention Based Protocol	PASS
15.203/15.204	Antenna Requirement	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

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded 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	RF output power, conducted	$\pm 0.751\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.888\text{dB}$
3	All emissions, radiated 9K-30MHz	$\pm 2.48\text{dB}$
4	All emissions, radiated 30M-1GHz	$\pm 2.52\text{dB}$
5	All emissions, radiated 1G-18GHz	$\pm 3.48\text{dB}$
6	All emissions, radiated >18GHz	$\pm 4.18\text{dB}$
7	Conducted Emission (9KHz-150KHz)	$\pm 2.48\text{dB}$
8	Conducted Emission (150KHz-30MHz)	$\pm 2.52\text{dB}$
9	Occupied Channel Bandwidth	$\pm 3.6\%$
10	Power Spectral Density, conducted	$\pm 1.214\text{dB}$
11	Duty Cycle	$\pm 3.2\%$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Touch all in one pc	
Brand Name	SENKE	
Model Name	SK-BST236-12DC	
Series Model(s)	N/A	
Model Difference	N/A	
Product Description	The EUT is a Touch all in one pc	
	Radio Technology	IEEE 802.11ax(HE20) IEEE 802.11ax(HE40) IEEE 802.11ax(HE80) IEEE 802.11ax(HE160)
	Operation Frequency:	UNII-5 Band: 5955-6415MHz UNII-6 Band: 6435-6515MHz UNII-7 Band: 6535-6855MHz UNII-8 Band: 6875-7125MHz
	Modulation Type:	BPSK,QPSK,16-QAM,64-QAM 802.11ax(OFDM, OFDMA): BPSK,QPSK,16-QAM,64-QAM,256-QAM, 1024QAM
	Antenna Type:	External Antenna
	Antenna Gain (dBi):	0.8
	More details of EUT technical specification, please refer to the User Manual.	
Test Channel	Please refer to the Note 3.	
Power Rating	DC 12V from adapter	
Adapter	N/A	
Battery	N/A	
Hardware version number	N/A	
Software version number	N/A	
Connecting I/O Port(s)	Please refer to the Note 1.	

Note

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
2. The antenna details in this report are based on the manufacturer provided antenna specification documents and apply only to the tested sample identified herein.
Any discrepancies in the antenna information may affect the accuracy of the test results, and the customer assumes responsibility for any related issues.



3.

Operation Frequency of channel

802.11a /ax (20MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	97	6435	117	6535	189	6895
5	5975	101	6455	121	6555	193	6915
9	5995	105	6475	125	6575	197	6935
13	6015	109	6495	129	6595	201	6955
17	6035	113	6515	133	6615	205	6975
21	6055	-	-	137	6635	209	6995
25	6075	-	-	141	6655	213	7015
29	6095	-	-	145	6675	217	7035
33	6115	-	-	149	6695	221	7055
37	6135	-	-	153	6715	225	7075
41	6155	-	-	157	6735	229	7095
45	6175	-	-	161	6755	233	7115
49	6195	-	-	165	6775	-	-
53	6215	-	-	169	6795	-	-
57	6235	-	-	173	6815	-	-
61	6255	-	-	177	6835	-	-
65	6275	-	-	181	6855	-	-
69	6295	-	-	185	6875	-	-
73	6315	-	-	-	-	-	-
77	6335	-	-	-	-	-	-
81	6355	-	-	-	-	-	-
85	6375	-	-	-	-	-	-
89	6395	-	-	-	-	-	-
93	6415	-	-	-	-	-	-

802.11ax (40MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	99	6445	115	6525	187	6885
11	6005	107	6485	123	6565	195	6925
19	6045	-	-	131	6605	203	6965
27	6085	-	-	139	6645	211	7005
35	6125	-	-	147	6685	219	7045
43	6165	-	-	155	6725	227	7085
51	6205	-	-	163	6765	-	-
59	6245	-	-	171	6805	-	-
67	6285	-	-	179	6845	-	-
75	6325	-	-	-	-	-	-
83	6365	-	-	-	-	-	-
91	6405	-	-	-	-	-	-

802.11ax (80MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	103	6465	119	6545	199	6945
23	6065	-	-	135	6625	215	7025
39	6145	-	-	151	6705	-	-
55	6225	-	-	167	6785	-	-
71	6305	-	-	183	6865	-	-
87	6385	-	-	-	-	-	-



802.11ax (160MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	111	6505	143	6665	207	6985
47	6185	-	-	175	6825	-	-
79	6345	-	-	-	-	-	-

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

4. 6GHz: Test Frequency Channel

802.11a/ax (20MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	97	6435	117	6535	189	6895
45	6175	105	6475	149	6695	209	6995
93	6415	113	6515	185	6875	233	7115

802.11ax (40MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	99	6445	115	6525	195	6925
43	6165	107	6485	147	6685	211	7005
91	6405	-	-	187	6885	227	7085

802.11ax (80MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	103	6465	119	6545	199	6945
39	6145	-	-	151	6705	215	7025
87	6385	-	-	183	6865	-	-

802.11ax (160MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	111	6505	143	6665	207	6985
47	6185	-	-	175	6825	-	-
79	6345	-	-	-	-	-	-



5 KDB 662911 D01 Multiple Transmitter Output v02r01

Directional Gain Calculations for In-Band Measurements

a) Basic methodology with NANT transmit antennas, each with the same directional gain GANT dBi, being driven by NANT transmitter outputs of equal power. Directional gain is to be computed as follows:

☒ (i) If any transmit signals are correlated with each other,

Directional gain = $GANT + 10 \log(NANT)$ dBi = $0.8 + 10 \log(2) = 3.81$ dBi

☐ (ii) If all transmit signals are completely uncorrelated with each other,

Directional gain = GANT



2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11ax HE20 CH1&CH45&CH93	NSS1 MCS0
Mode 2	TX IEEE 802.11ax HE20 CH97&CH105&CH113	NSS1 MCS0
Mode 3	TX IEEE 802.11ax HE20 H117&CH121&CH185	NSS1 MCS0
Mode 4	TX IEEE 802.11ax HE20 CH189&CH209&CH233	NSS1 MCS0
Mode 5	TX IEEE 802.11ax HE40 CH3&CH43&CH91	NSS1 MCS0
Mode 6	TX IEEE 802.11ax HE40 CH99&CH107	NSS1 MCS0
Mode 7	TX IEEE 802.11ax HE40 CH115&CH147&CH187	NSS1 MCS0
Mode 8	TX IEEE 802.11ax HE40 CH195&CH211&CH227	NSS1 MCS0
Mode 9	TX IEEE 802.11ax HE80 CH7&CH39&CH87	NSS1 MCS0
Mode 10	TX IEEE 802.11ax HE80 CH103	NSS1 MCS0
Mode 11	TX IEEE 802.11ax HE80 CH119&CH151&CH183	NSS1 MCS0
Mode 12	TX IEEE 802.11ax HE80 CH199&CH215	NSS1 MCS0
Mode 13	TX IEEE 802.11ax HE160 CH15&CH47&CH79	NSS1 MCS0
Mode 14	TX IEEE 802.11ax HE160 CH111	NSS1 MCS0
Mode 15	TX IEEE 802.11ax HE160 CH143&CH175	NSS1 MCS0
Mode 16	TX IEEE 802.11ax HE160 CH207	NSS1 MCS0

Note: (1) The measurements are performed at the highest, middle, lowest available channels.
(2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
(3) We have be tested for all avaiable U.S. voltage and frequencies(For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation.

AC Conducted Emission

Test Case	
AC Conducted Emission	Mode 17: Keeping TX + WLAN Link



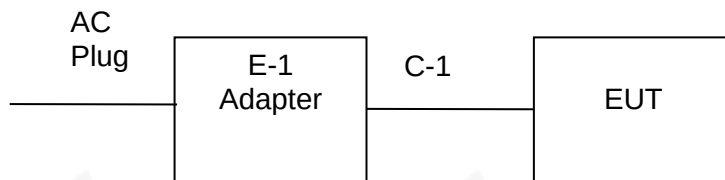
2.3 TEST SOFTWARE AND POWER LEVEL

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

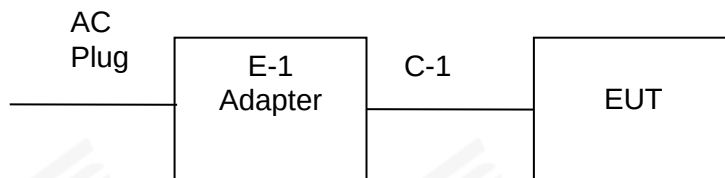
RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class
WIFI 6E	U-NII-5 (5925MHz-6425MHz)	802.11ax(HE20)	0.8dBi	5
		802.11ax(HE40)		8
		802.11ax(HE80)		8
		802.11ax(HE160)		8
RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class
WIFI 6E	U-NII-6 (6425MHz-6525MHz)	802.11ax(HE20)	0.8dBi	5
		802.11ax(HE40)		8
		802.11ax(HE80)		8
		802.11ax(HE160)		8
RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class
WIFI 6E	U-NII-7 (6525MHz-6875MHz)	802.11ax(HE20)	0.8dBi	4
		802.11ax(HE40)		8
		802.11ax(HE80)		8
		802.11ax(HE160)		8
RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class
WIFI 6E	U-NII-8 (6875MHz-7125MHz)	802.11ax(HE20)	0.8dBi	4
		802.11ax(HE40)		7
		802.11ax(HE80)		8
		802.11ax(HE160)		8

2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test



Conducted Emission Test





2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

No.	Device Type	Brand	Model	Series No.	Note
1.	Adapter	Lenovo	ADLX65YLC3D	---	---

Item	Shielded Type	Ferrite Core	Length	Note
C-1	Unshielded	NO	1M	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.



2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS

RF Radiation Test Equipment

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
				2026.02.04	2027.02.03
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2025.02.22	2026.02.21
				2026.02.04	2027.02.03
Pre-Amplifier(1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2025.09.25	2026.09.24
Pre-Amplifier(18G-40GHz)	SKET	LNPA_1840-50	SK2018101801	2025.02.22	2026.02.21
				2026.02.04	2027.02.03
Active loop Antenna	ZHINAN	ZN30900C	16035	2025.02.25	2027.02.24
Bilog Antenna	TESEQ	CBL6111D	34678	2025.09.27	2027.09.26
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2025.09.27	2027.09.26
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2025.09.27	2027.09.26
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2025.09.26	2026.09.25
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Band 5.1G-5.8G Filter	HX MICROWAVE	HXLBQ-DZA62	N/A	2025.09.23	2026.09.22
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	2025.09.22	2026.09.21
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	2025.09.25	2026.09.24
Limiter	CYBERTEK	EM5010	N/A	2025.09.25	2026.09.24
LISN	R&S	ENV216	101242	2025.09.25	2026.09.24
LISN	EMCO	3810/2NM	23625	2025.09.25	2026.09.24
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
				2026.02.04	2027.02.03
Test SW	EZ-EMC	Ver.STSLAB-03A1 CE			
RF Connected Test					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Signal Analyzer	Agilent	N9020A	MY51510623	2025.02.22	2026.02.21
				2026.02.04	2027.02.03
Signal Analyzer	R&S	FSV 40-N	101823	2025.09.26	2026.09.25
Switch control box	MW	MW100-RFCB	N/A	N/A	N/A
Temperature& Humidity test chamber	Safety test	AG80L	171200018	2025.02.22	2026.02.21
				2026.02.04	2027.02.03
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
				2026.02.04	2027.02.03
Test SW	MW	MTS 8310 2.0.0.0			



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

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

0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

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

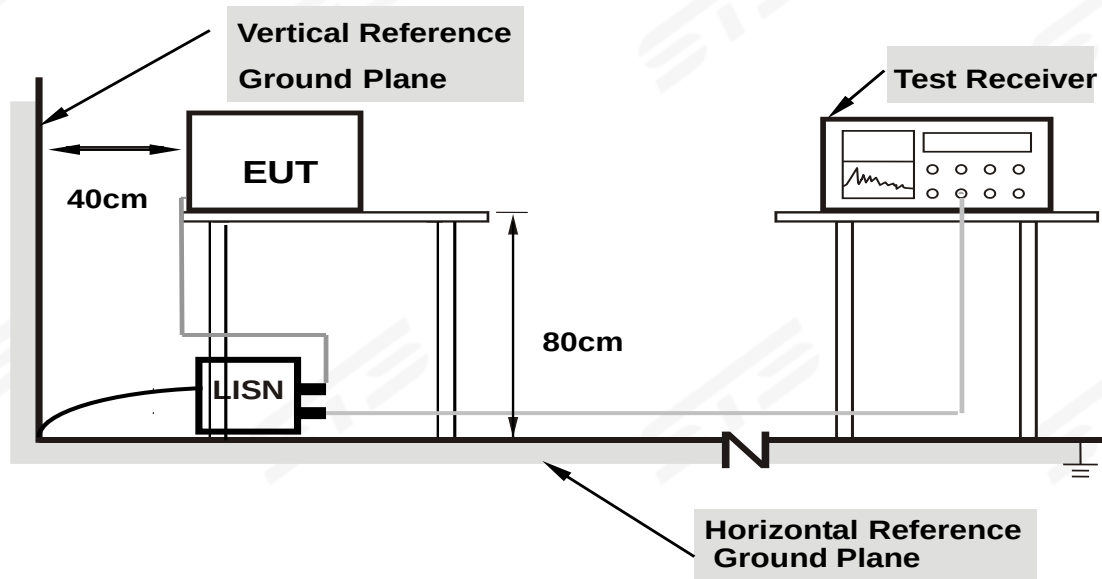
3.1.2 TEST PROCEDURE

- a. 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.
- b. 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.
- c. 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.
- d. LISN is at least 80 cm from the nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 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 units.

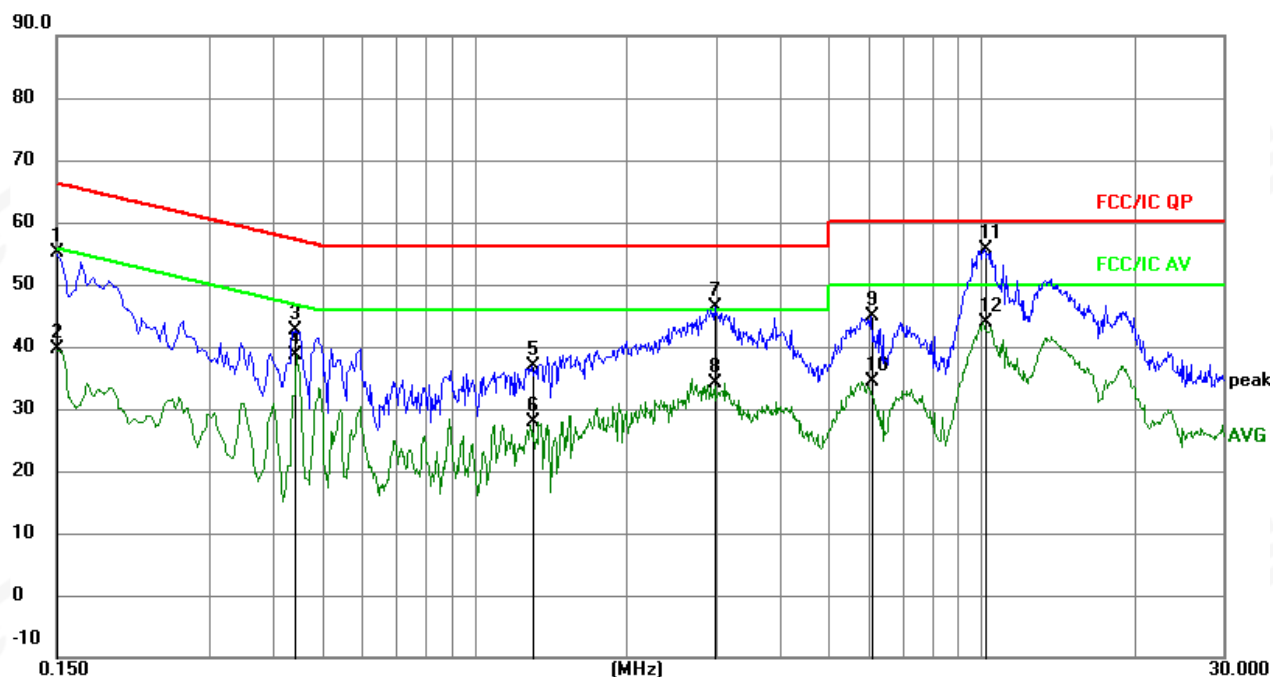
3.1.5 EUT OPERATING CONDITIONS

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.



3.1.6 TEST RESULTS

Temperature:	26 °C	Relative Humidity:	54 %
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode :	Mode 17		



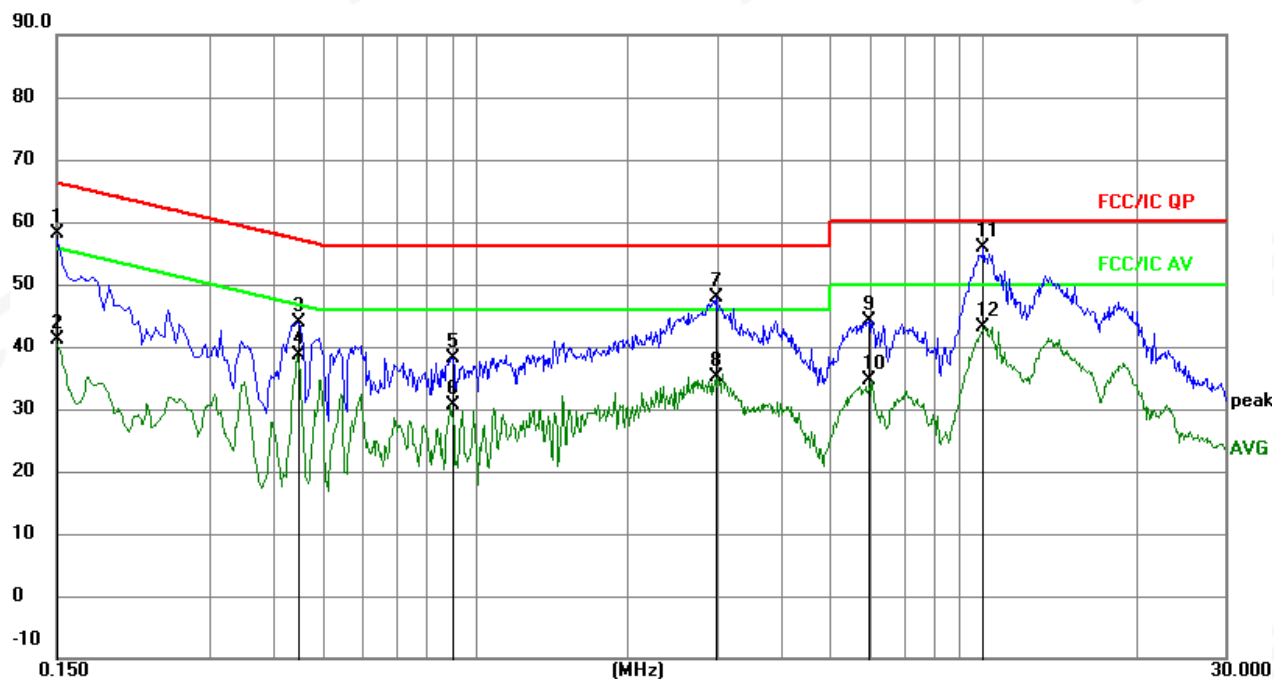
No.	Mk.	Freq. MHz	Reading Level	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1500	35.15	20.04	55.19	66.00	-10.81	QP
2		0.1500	19.51	20.04	39.55	56.00	-16.45	AVG
3		0.4425	22.45	20.06	42.51	57.01	-14.50	QP
4		0.4425	18.54	20.06	38.60	47.01	-8.41	AVG
5		1.2974	16.56	20.24	36.80	56.00	-19.20	QP
6		1.2974	7.64	20.24	27.88	46.00	-18.12	AVG
7		2.9849	26.02	20.39	46.41	56.00	-9.59	QP
8		2.9849	13.64	20.39	34.03	46.00	-11.97	AVG
9		6.0585	24.13	20.83	44.96	60.00	-15.04	QP
10		6.0585	13.59	20.83	34.42	50.00	-15.58	AVG
11	*	10.1580	34.31	21.39	55.70	60.00	-4.30	QP
12		10.1580	22.44	21.39	43.83	50.00	-6.17	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:	26 °C	Relative Humidity:	54 %
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode :	Mode 17		



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
				dB	dBuV	dBuV	dB	
1		0.1500	38.11	20.04	58.15	66.00	-7.85	QP
2		0.1500	21.11	20.04	41.15	56.00	-14.85	AVG
3		0.4468	23.75	20.06	43.81	56.93	-13.12	QP
4		0.4468	18.61	20.06	38.67	46.93	-8.26	AVG
5		0.8992	17.91	20.27	38.18	56.00	-17.82	QP
6		0.8992	10.44	20.27	30.71	46.00	-15.29	AVG
7		2.9776	27.47	20.39	47.86	56.00	-8.14	QP
8		2.9776	14.66	20.39	35.05	46.00	-10.95	AVG
9		5.9608	23.38	20.82	44.20	60.00	-15.80	QP
10		5.9608	13.90	20.82	34.72	50.00	-15.28	AVG
11	*	10.0186	34.57	21.35	55.92	60.00	-4.08	QP
12		10.0186	21.79	21.35	43.14	50.00	-6.86	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)



3.2 RADIATED EMISSION AND (BANDEDGE) MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

In case the emission fall within the restricted band specified on 15.407(b)7&15.205/209(a), then the limit in the table below has to be followed.

Frequency (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
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	68.2	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15E.
- (2) The tighter limit applies at the band edges.
- (3) 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			

Note: In case the emission radiated emission above 1000MHz fall within the restricted band the restricted frequency bands, the peak limit is 74 dBuV/m.

**LIMITS OF EMISSIONS OUTSIDE OF THE FREQUENCY BANDS**

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

Note: dBuV/m(at 3M) = EIRP(dBm) + 95.2.

Peak Limit = -27dBm/MHz + 95.2 = 68.2 dBuV/m.

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier harmonic (Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 1 MHz, AV=1 MHz /3 MHz

For Band edge

Spectrum Parameter	Setting
Detector	Peak
RB / VB (emission in restricted band)	1 MHz / 1 MHz, AV=1 MHz /3 MHz

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



3.2.2 TEST PROCEDURE

- a. The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- c. The height of the equipment shall be 0.8 m (above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and QuasiPeak detector mode will be re-measured.
- e. If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

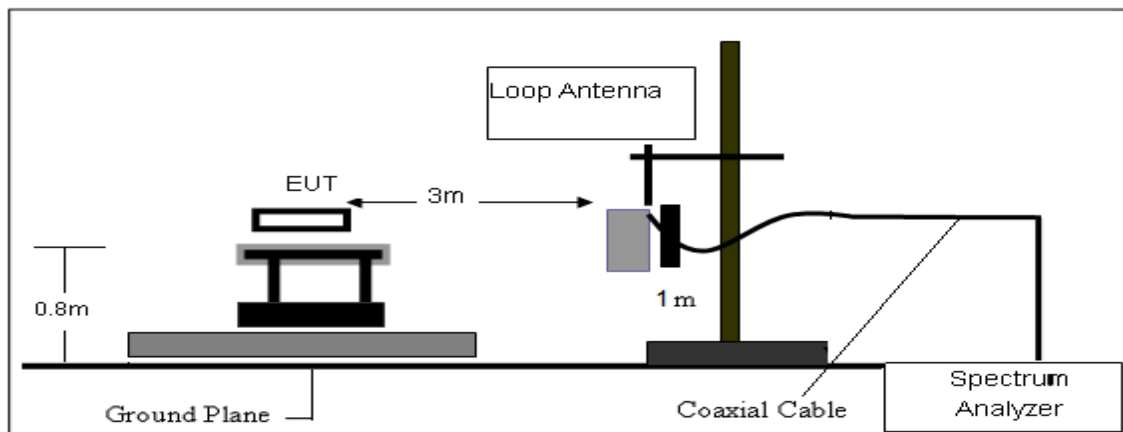
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.2.3 DEVIATION FROM TEST STANDARD

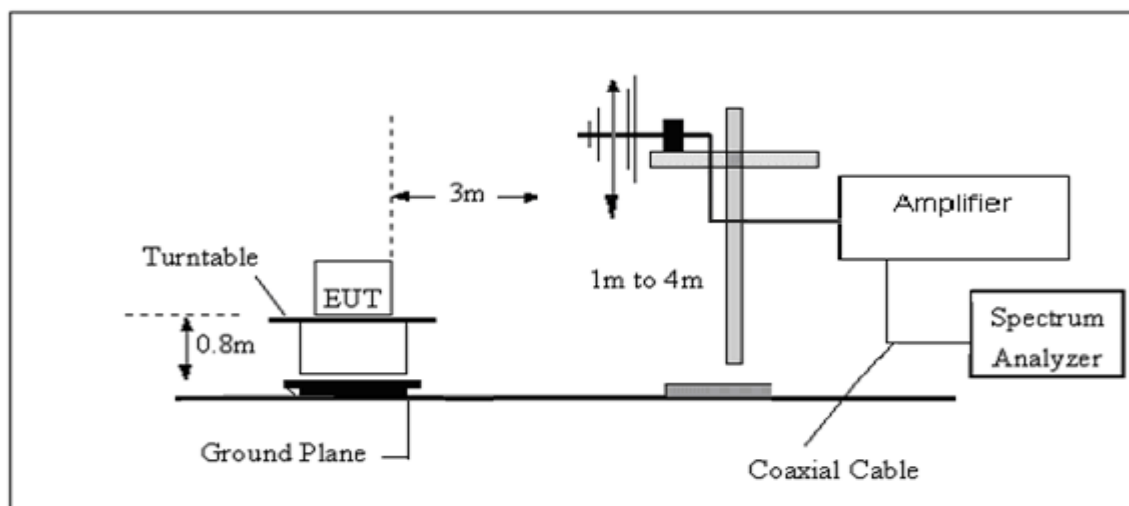
No deviation

3.2.3 TEST SETUP

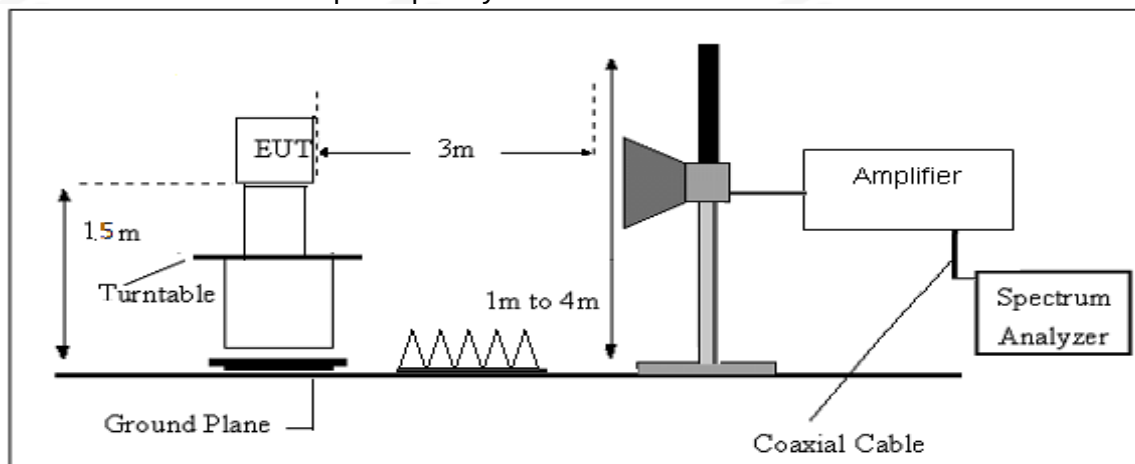
(A) Radiated Emission Test-Up Frequency Below 30MHz



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



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





3.2.4 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.

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:

$$FS = RA + AF + CL - AG$$

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

$$\text{Factor} = \text{AF} + \text{CL} - \text{AG}$$

3.2.6 TEST RESULTS (Between 9KHz – 30 MHz)

Temperature:	26 °C	Relative Humidity:	54 %
Test Voltage:	AC 120V/60Hz	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.

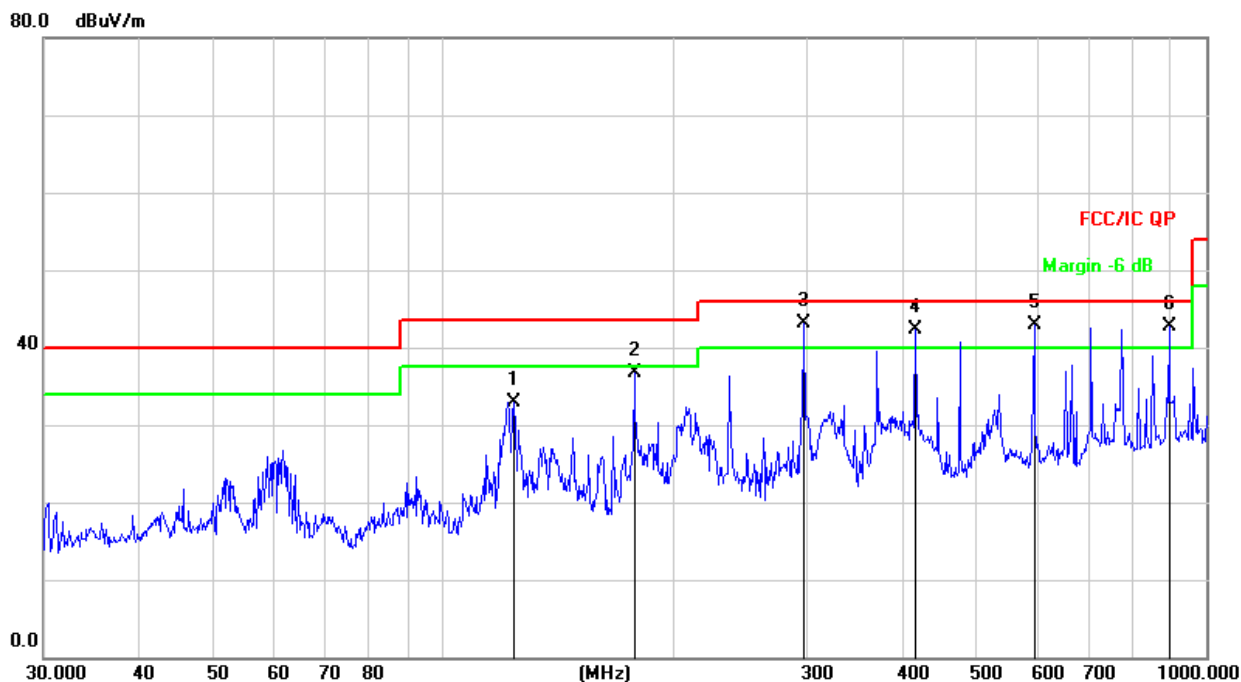
Distance extrapolation factor = $40 \log (\text{specific distance/test distance})(\text{dB})$;

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



3.2.7 TEST RESULTS (Between 30MHz – 1GHz)

Temperature:	26 °C	Relative Humidity:	54 %
Test Voltage:	AC 120V/60Hz	Polarization:	Horizontal
Test Mode:	Mode 1-16 (worst Mode 1)		



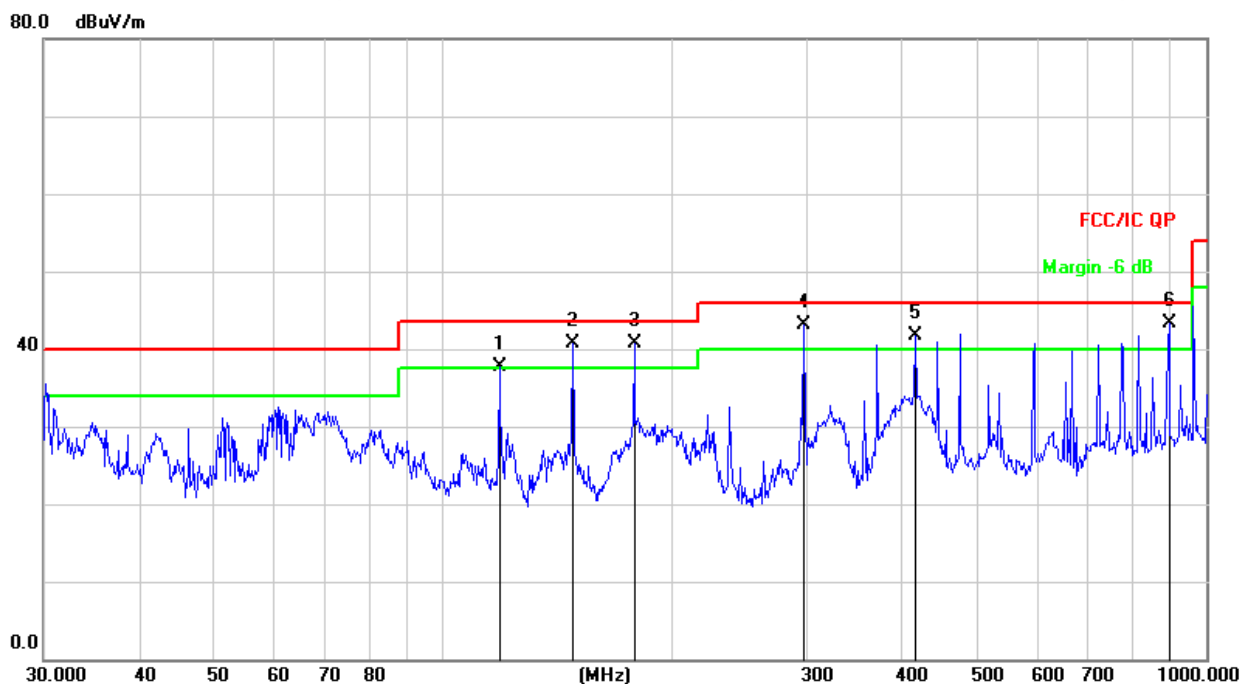
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		123.6984	44.41	-11.47	32.94	43.50	-10.56	QP
2		178.1325	47.68	-10.88	36.80	43.50	-6.70	QP
3	*	297.2241	50.92	-7.76	43.16	46.00	-2.84	QP
4	!	416.1791	46.93	-4.54	42.39	46.00	-3.61	QP
5	!	595.1327	44.78	-1.90	42.88	46.00	-3.12	QP
6	!	893.8567	40.94	1.82	42.76	46.00	-3.24	QP

Remark:

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



Temperature:	26 °C	Relative Humidity:	54 %
Test Voltage:	AC 120V/60Hz	Polarization:	Vertical
Test Mode:	Mode 1-16 (worst Mode 1)		



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			
			dBuV	dB	dBuV/m	dB/m	dB	Detector
1	!	118.6012	48.42	-10.65	37.77	43.50	-5.73	QP
2	!	147.9214	53.18	-12.53	40.65	43.50	-2.85	QP
3	!	178.1324	51.61	-10.88	40.73	43.50	-2.77	QP
4	!	297.2241	50.87	-7.76	43.11	46.00	-2.89	QP
5	!	416.1791	46.18	-4.54	41.64	46.00	-4.36	QP
6	*	893.8567	41.58	1.82	43.40	46.00	-2.60	QP

Remark:

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

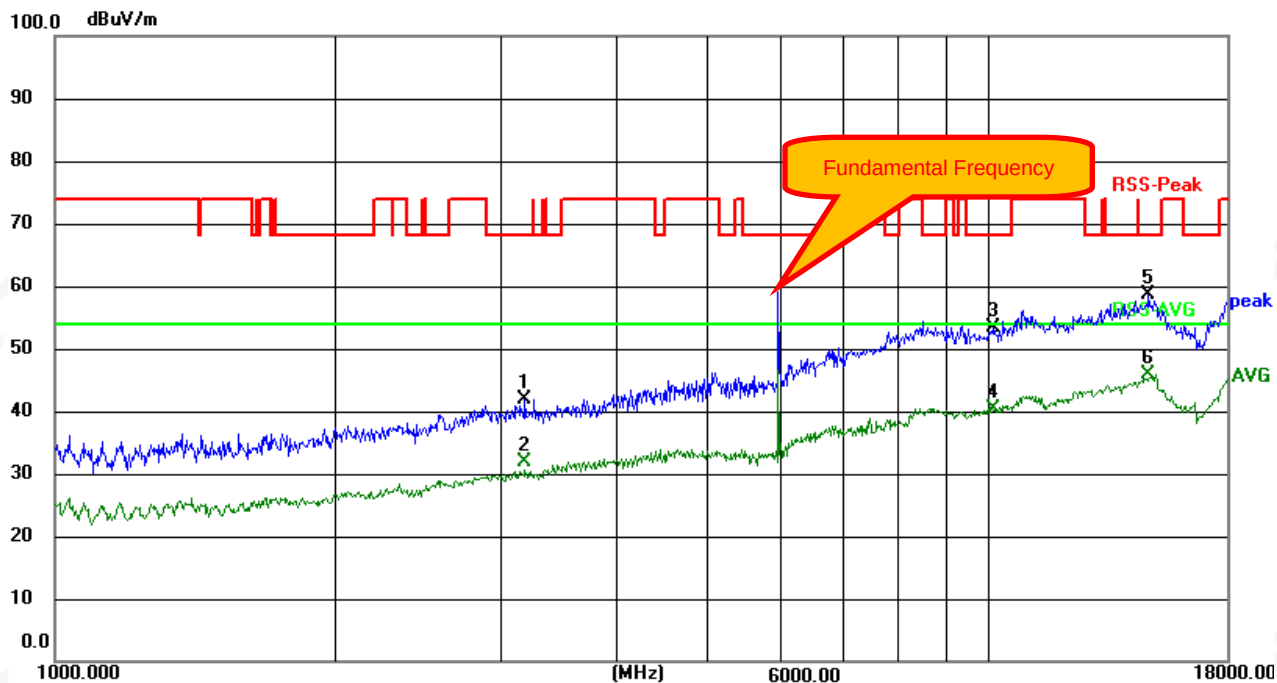


3.2.8 TEST RESULTS (Above 1000 MHz)

The worst mode is MIMO mode.

RSE-1G-18G-H

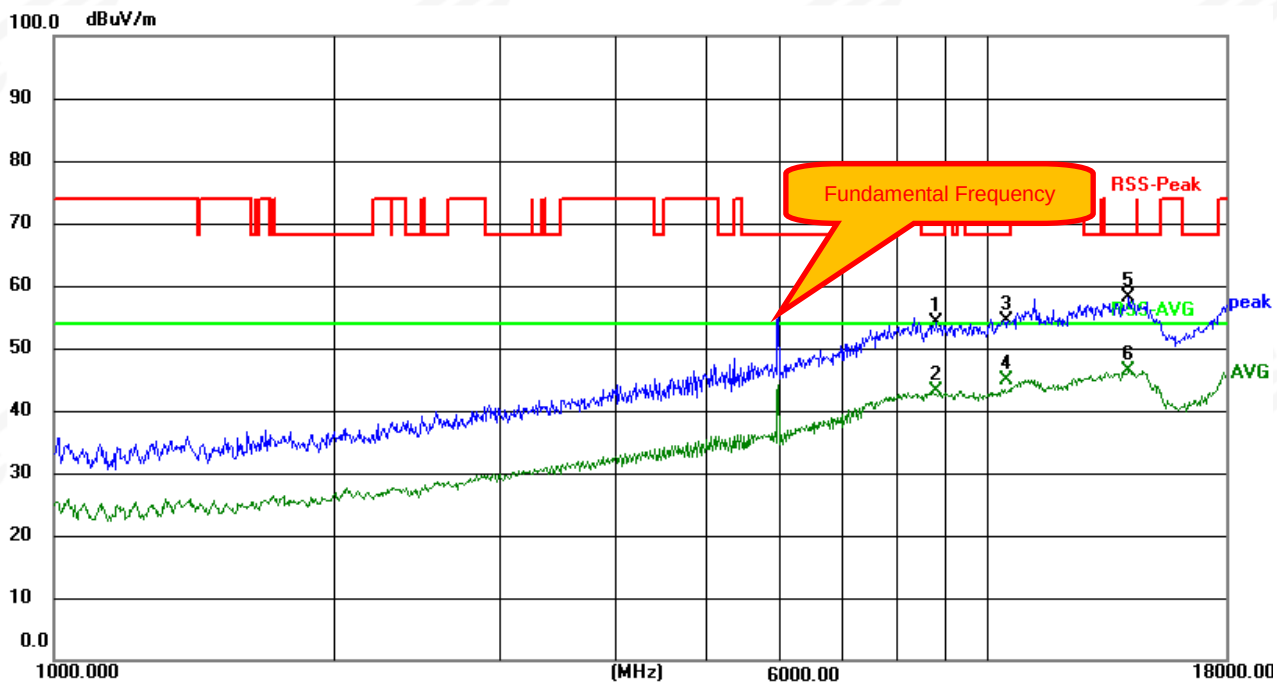
ax20 5955 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3186.869	64.11	-22.16	41.95	68.20	-26.25	peak
2	3186.869	53.95	-22.16	31.79	54.00	-22.21	AVG
3	10126.824	60.45	-7.01	53.44	68.20	-14.76	peak
4	10126.824	47.44	-7.01	40.43	54.00	-13.57	AVG
5	14830.959	61.03	-2.29	58.74	68.20	-9.46	peak
6 *	14830.959	48.13	-2.29	45.84	54.00	-8.16	AVG



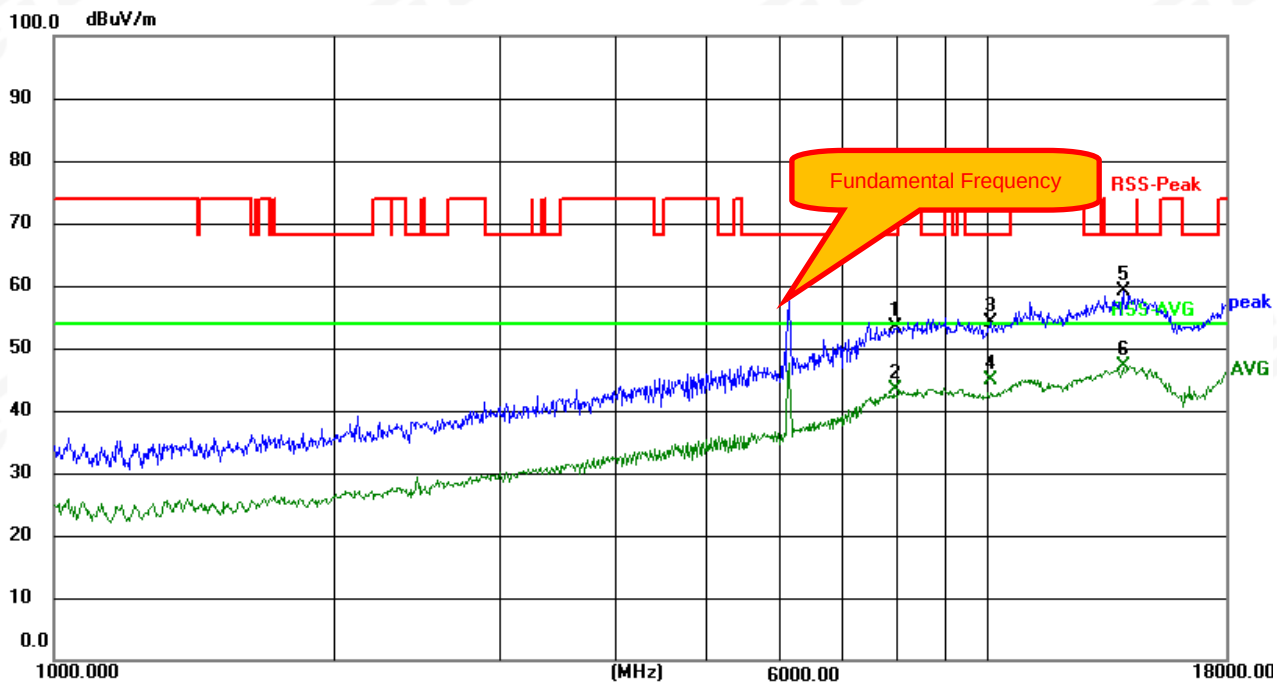
RSE-1G-18G-V
ax20 5955 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	8814.957	61.62	-7.54	54.08	68.20	-14.12	peak
2	8814.957	50.61	-7.54	43.07	54.00	-10.93	AVG
3	10514.577	60.55	-6.12	54.43	68.20	-13.77	peak
4	10514.577	51.06	-6.12	44.94	54.00	-9.06	AVG
5	14160.705	61.14	-3.02	58.12	68.20	-10.08	peak
6 *	14160.705	49.49	-3.02	46.47	54.00	-7.53	AVG



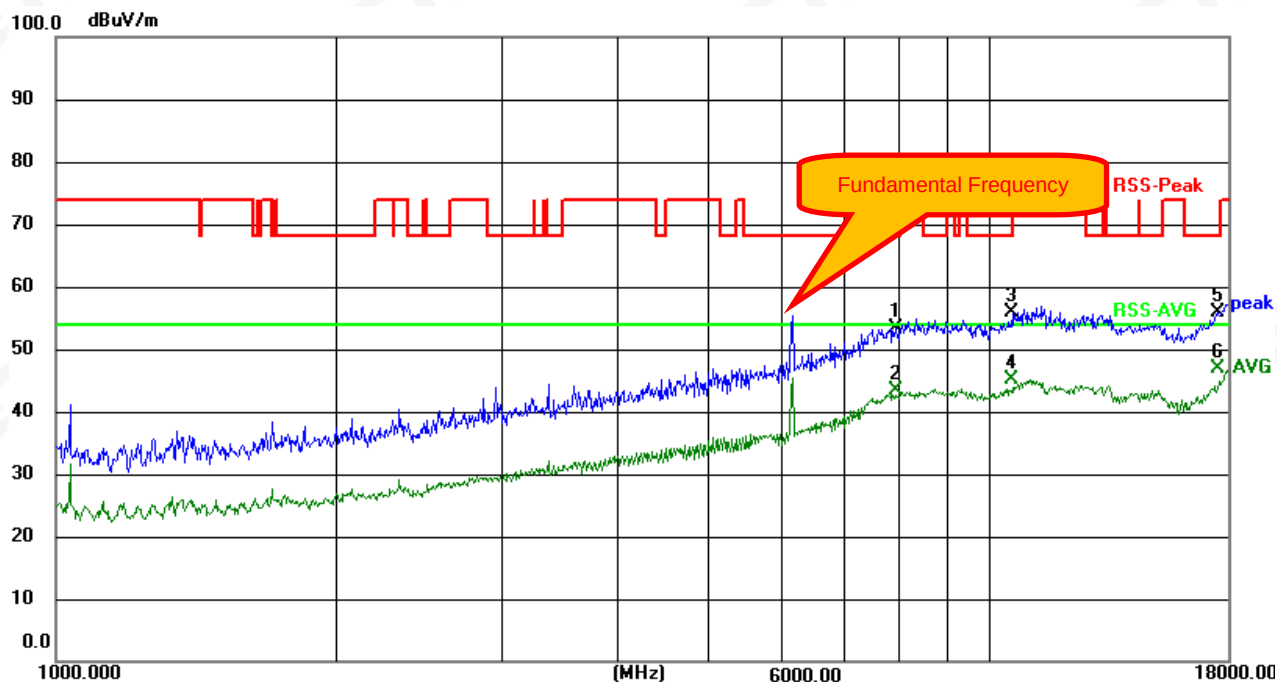
RSE-1G-18G-H
ax20 6175 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	7989.892	61.20	-7.73	53.47	68.20	-14.73	peak
2	7989.892	51.21	-7.73	43.48	54.00	-10.52	AVG
3	10068.453	61.24	-7.14	54.10	68.20	-14.10	peak
4	10068.453	52.10	-7.14	44.96	54.00	-9.04	AVG
5	13957.529	62.36	-3.25	59.11	68.20	-9.09	peak
6 *	13957.529	50.30	-3.25	47.05	54.00	-6.95	AVG



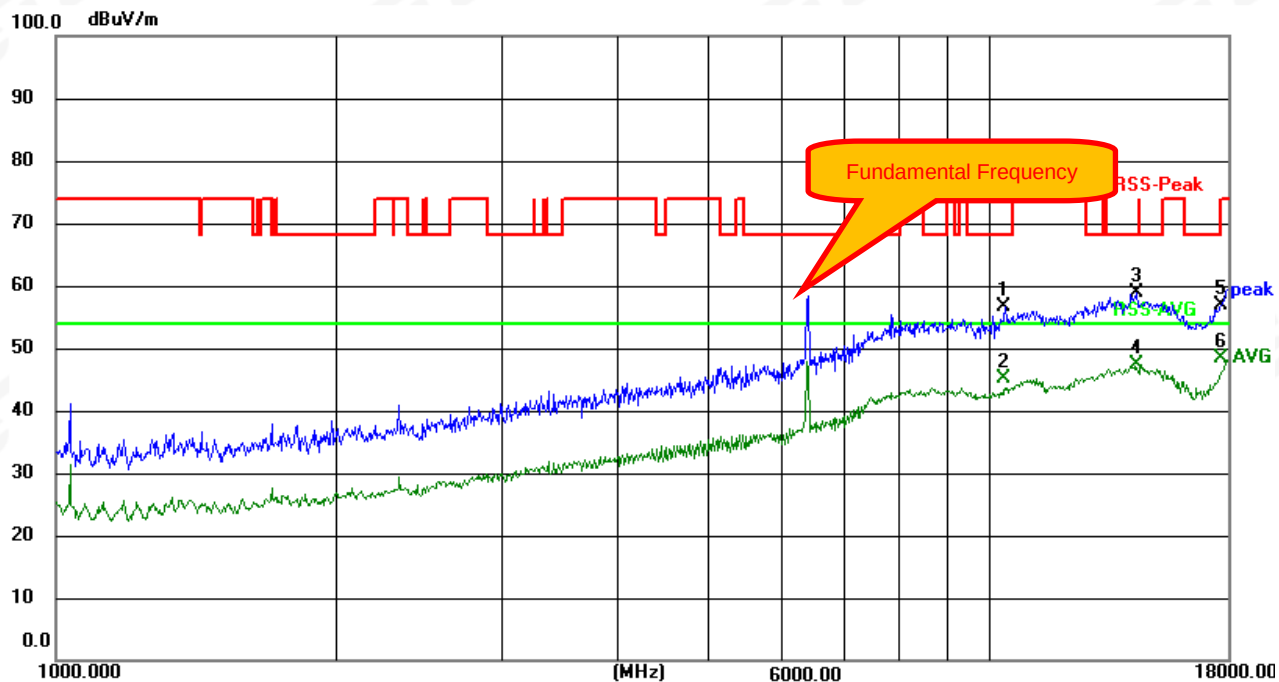
RSE-1G-18G-V
ax20 6175 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	7920.911	61.32	-7.93	53.39	68.20	-14.81	peak
2	7920.911	51.32	-7.93	43.39	54.00	-10.61	AVG
3	10575.535	61.83	-5.98	55.85	68.20	-12.35	peak
4	10575.535	51.07	-5.98	45.09	54.00	-8.91	AVG
5	17537.798	54.66	1.29	55.95	68.20	-12.25	peak
6 *	17537.798	45.56	1.29	46.85	54.00	-7.15	AVG



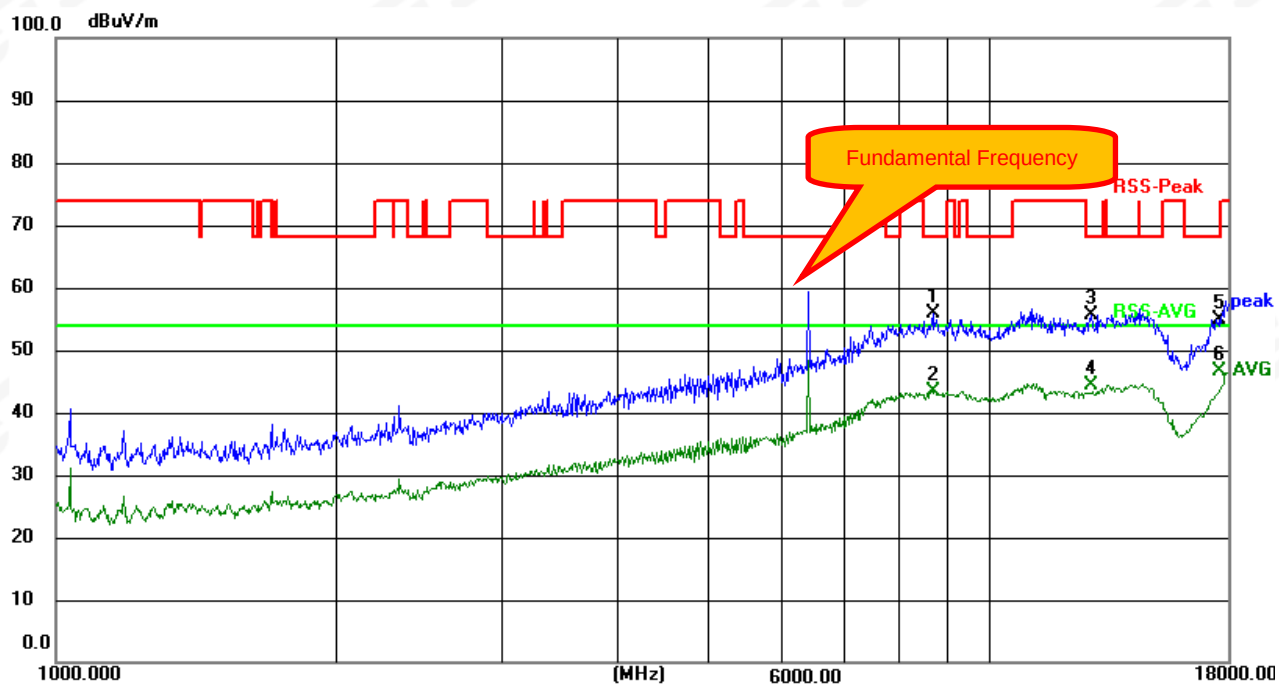
RSE-1G-18G-H
ax20 6415 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10393.713	63.00	-6.39	56.61	68.20	-11.59	peak
2	10393.713	51.57	-6.39	45.18	54.00	-8.82	AVG
3	14366.840	61.64	-2.80	58.84	68.20	-9.36	peak
4	14366.840	50.07	-2.80	47.27	54.00	-6.73	AVG
5	17690.531	54.79	2.05	56.84	68.20	-11.36	peak
6 *	17690.531	46.31	2.05	48.36	54.00	-5.64	AVG



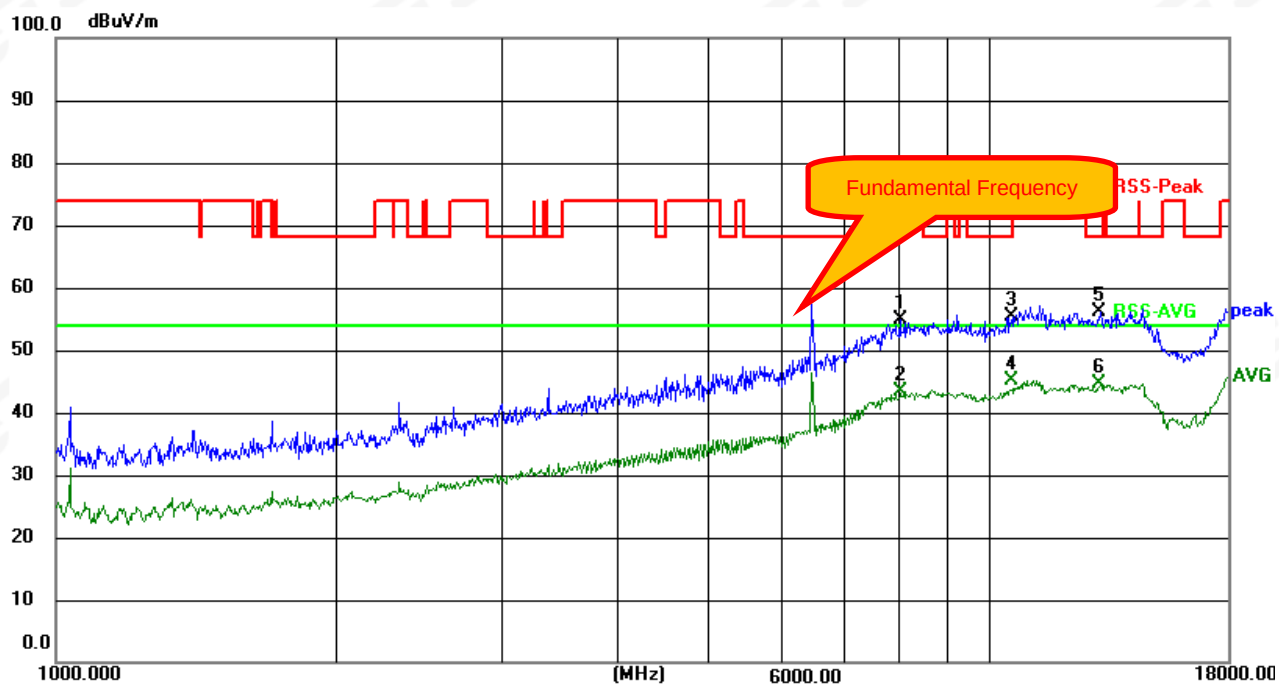
RSE-1G-18G-H
ax20 6435 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	8688.481	63.54	-7.56	55.98	68.20	-12.22	peak
2	8688.481	51.05	-7.56	43.49	54.00	-10.51	AVG
3	12835.288	60.46	-4.71	55.75	68.20	-12.45	peak
4	12835.288	49.19	-4.71	44.48	54.00	-9.52	AVG
5	17588.562	53.43	1.54	54.97	68.20	-13.23	peak
6 *	17588.562	45.21	1.54	46.75	54.00	-7.25	AVG



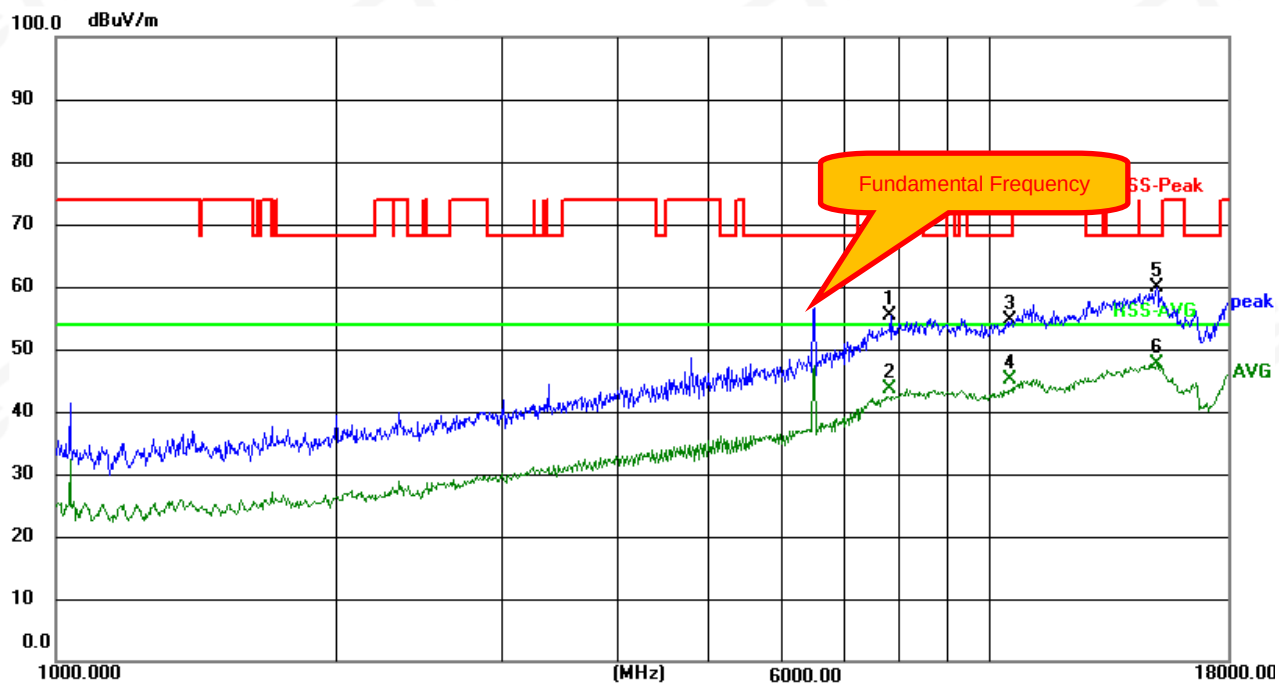
RSE-1G-18G-H
ax20 6475 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	8013.020	62.56	-7.70	54.86	68.20	-13.34	peak
2	8013.020	50.98	-7.70	43.28	54.00	-10.72	AVG
3	10575.535	61.35	-5.98	55.37	68.20	-12.83	peak
4 *	10575.535	51.14	-5.98	45.16	54.00	-8.84	AVG
5	13135.536	60.32	-4.24	56.08	68.20	-12.12	peak
6	13135.536	48.92	-4.24	44.68	54.00	-9.32	AVG



RSE-1G-18G-V
ax20 6475 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	7829.860	63.54	-8.19	55.35	68.20	-12.85	peak
2	7829.860	51.74	-8.19	43.55	54.00	-10.45	AVG
3	10545.012	60.59	-6.05	54.54	68.20	-13.66	peak
4	10545.012	51.17	-6.05	45.12	54.00	-8.88	AVG
5	15090.405	62.15	-2.39	59.76	68.20	-8.44	peak
6 *	15090.405	50.00	-2.39	47.61	54.00	-6.39	AVG



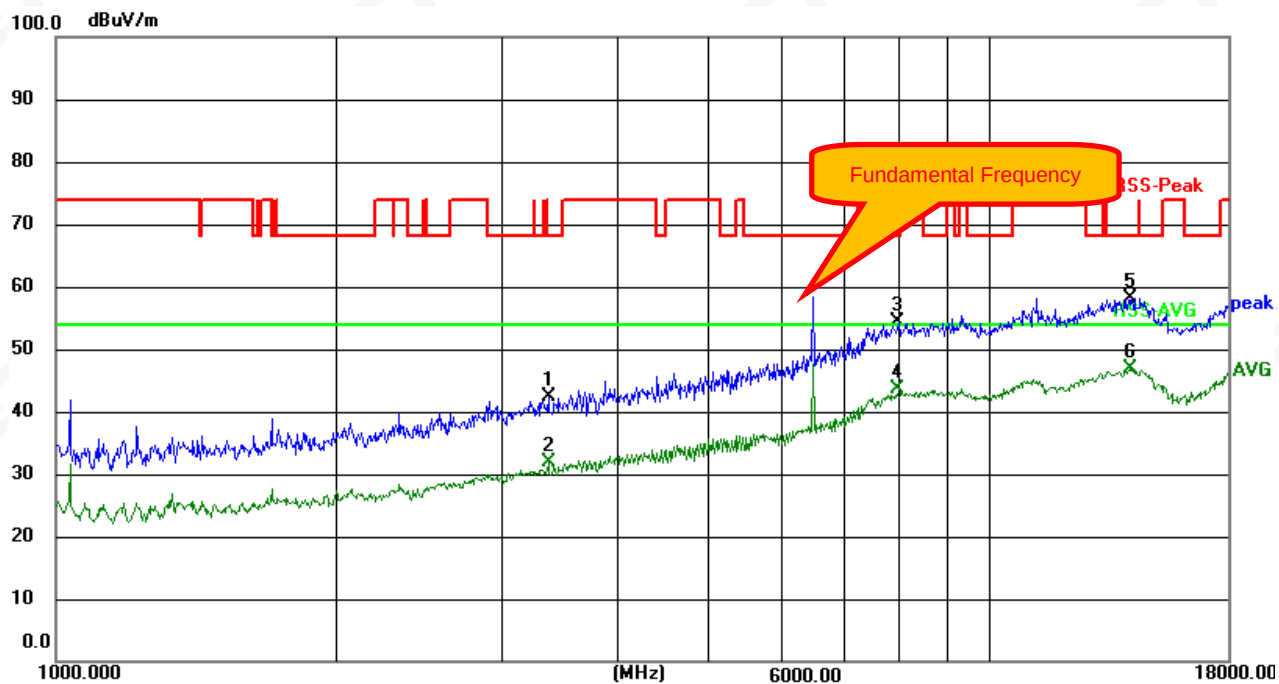
RSE-1G-18G-H
ax20 6515 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4443.453	62.71	-17.89	44.82	68.20	-23.38	peak
2	4443.453	53.33	-17.89	35.44	54.00	-18.56	AVG
3	8738.852	62.57	-7.55	55.02	68.20	-13.18	peak
4	8738.852	51.01	-7.55	43.46	54.00	-10.54	AVG
5	13957.529	60.92	-3.25	57.67	68.20	-10.53	peak
6 *	13957.529	49.33	-3.25	46.08	54.00	-7.92	AVG



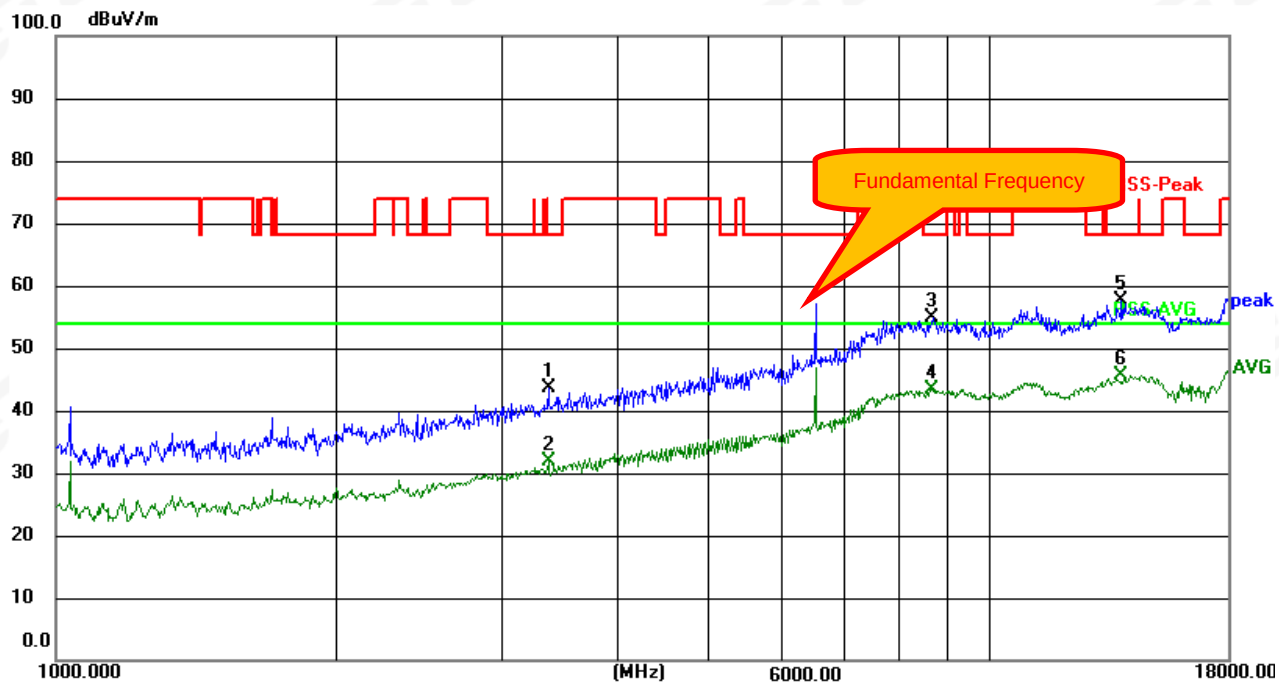
RSE-1G-18G-V
ax20 6515 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	63.85	-21.55	42.30	68.20	-25.90	peak
2	3366.778	53.43	-21.55	31.88	54.00	-22.12	AVG
3	7989.892	62.13	-7.73	54.40	68.20	-13.80	peak
4	7989.892	51.24	-7.73	43.51	54.00	-10.49	AVG
5	14201.694	61.10	-2.98	58.12	68.20	-10.08	peak
6 *	14201.694	49.85	-2.98	46.87	54.00	-7.13	AVG



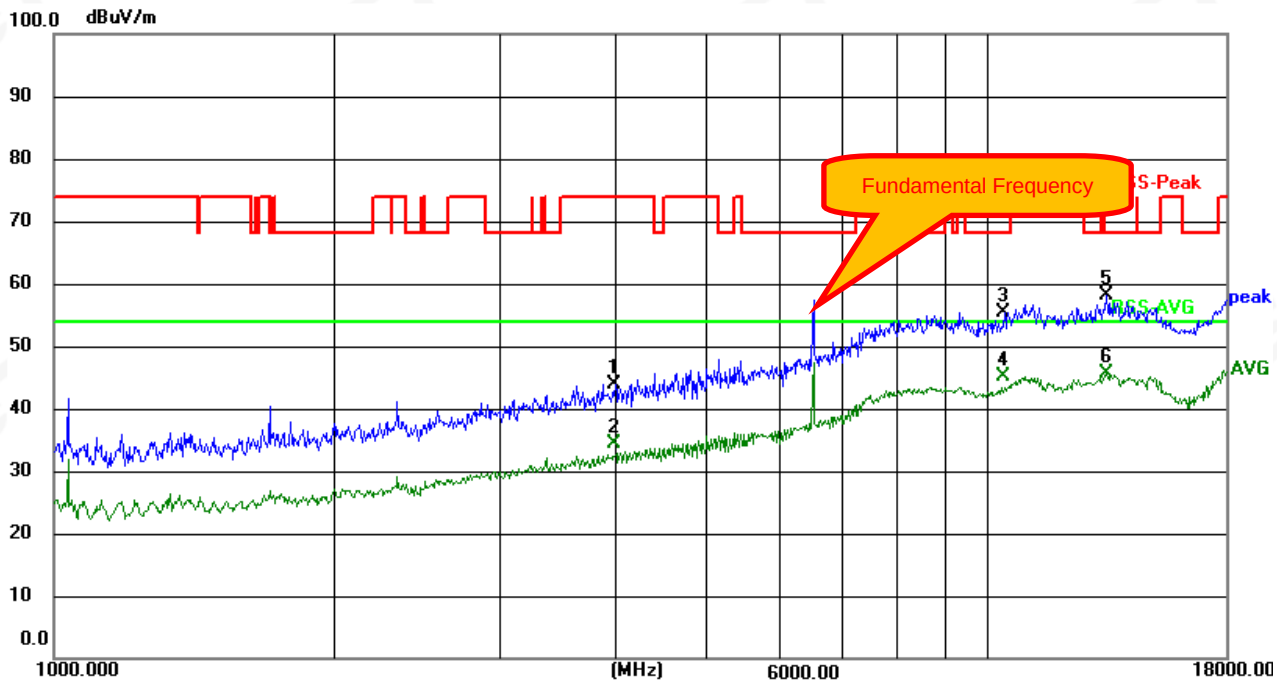
RSE-1G-18G-H
ax20 6535 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.17	-21.55	43.62	68.20	-24.58	peak
2	3366.778	53.47	-21.55	31.92	54.00	-22.08	AVG
3	8688.480	62.41	-7.56	54.85	68.20	-13.35	peak
4	8688.480	51.05	-7.56	43.49	54.00	-10.51	AVG
5	13837.024	61.15	-3.40	57.75	68.20	-10.45	peak
6 *	13837.024	48.96	-3.40	45.56	54.00	-8.44	AVG



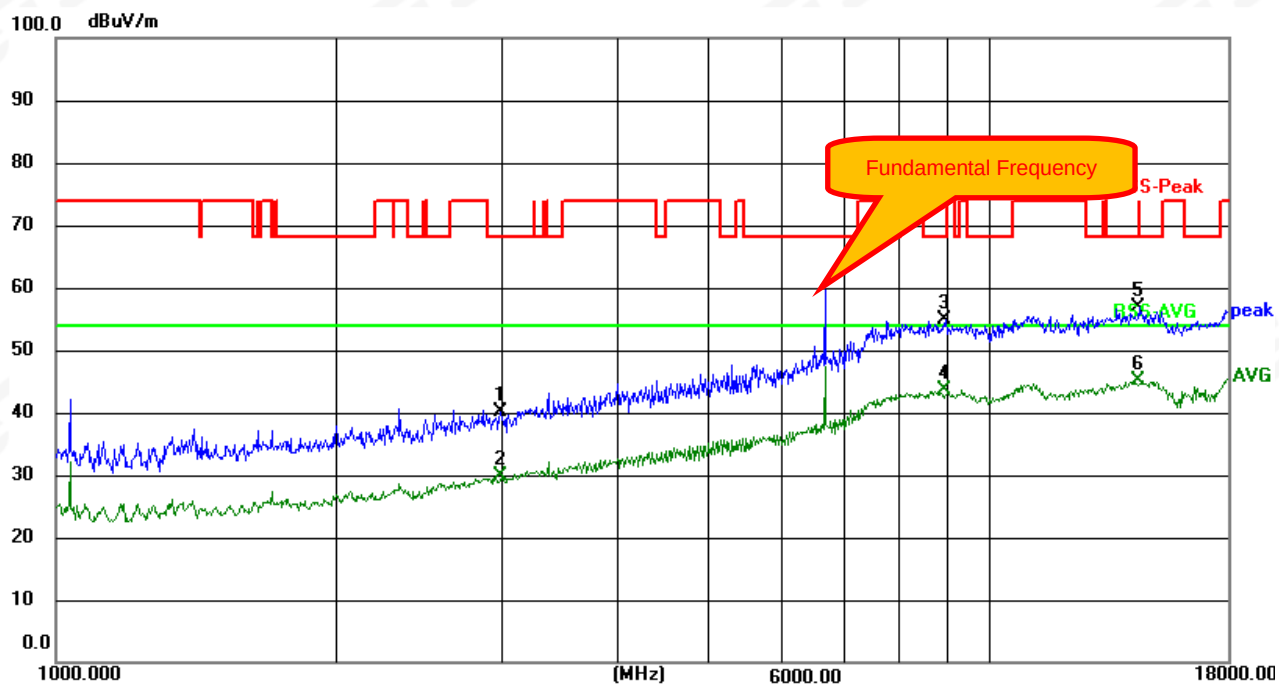
RSE-1G-18G-V
ax20 6535 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3992.781	63.36	-19.42	43.94	74.00	-30.06	peak
2	3992.781	53.85	-19.42	34.43	54.00	-19.57	AVG
3	10423.798	61.69	-6.33	55.36	68.20	-12.84	peak
4	10423.798	51.39	-6.33	45.06	54.00	-8.94	AVG
5	13404.009	61.97	-3.92	58.05	68.20	-10.15	peak
6 *	13404.009	49.54	-3.92	45.62	54.00	-8.38	AVG



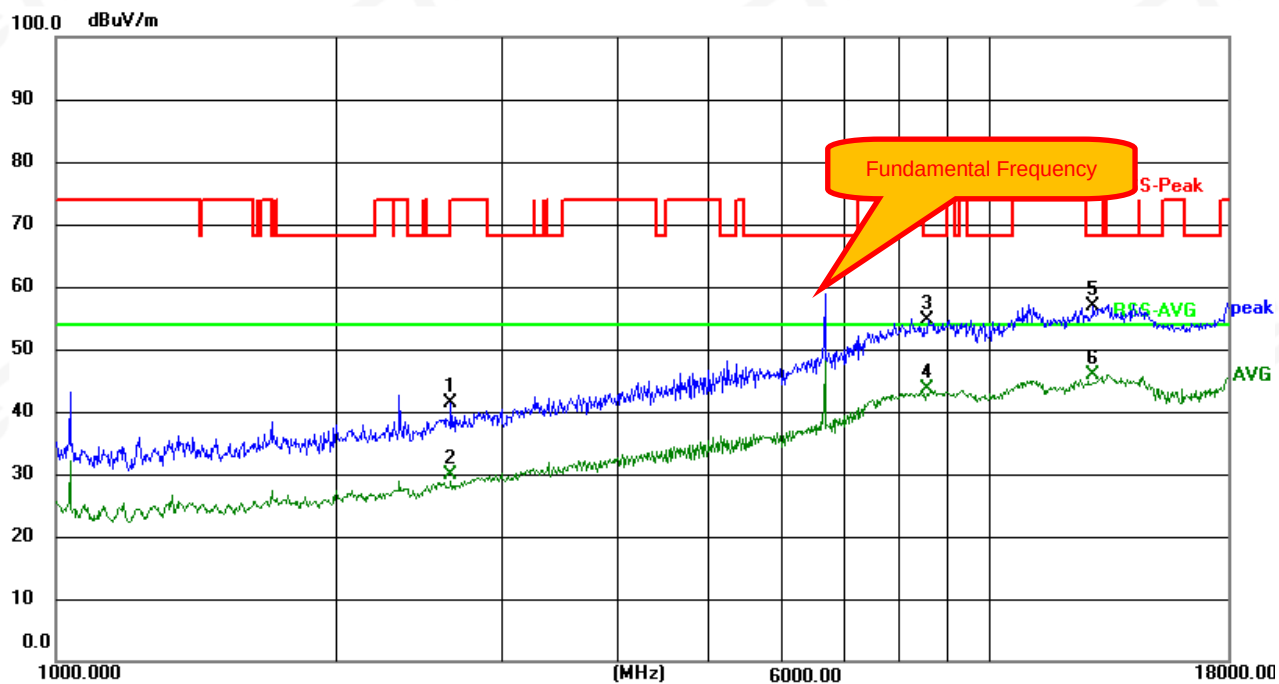
RSE-1G-18G-H
ax20 6695 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2990.531	63.04	-22.83	40.21	68.20	-27.99	peak
2	2990.531	52.70	-22.83	29.87	54.00	-24.13	AVG
3	8969.161	62.39	-7.51	54.88	68.20	-13.32	peak
4	8969.161	51.16	-7.51	43.65	54.00	-10.35	AVG
5	14450.131	59.54	-2.70	56.84	68.20	-11.36	peak
6 *	14450.131	47.88	-2.70	45.18	54.00	-8.82	AVG



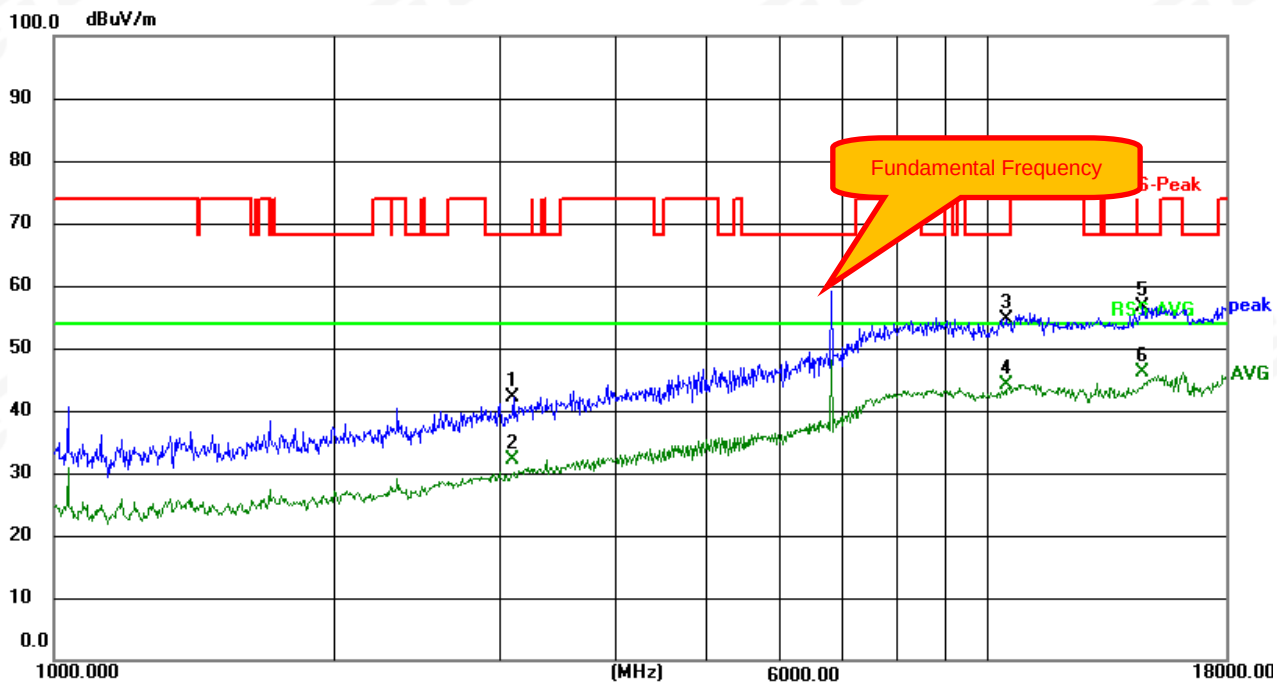
RSE-1G-18G-V
ax20 6695 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2648.664	65.30	-23.89	41.41	68.20	-26.79	peak
2	2648.664	53.78	-23.89	29.89	54.00	-24.11	AVG
3	8588.607	62.18	-7.58	54.60	68.20	-13.60	peak
4	8588.607	51.29	-7.58	43.71	54.00	-10.29	AVG
5	12909.701	61.35	-4.57	56.78	68.20	-11.42	peak
6 *	12909.701	50.52	-4.57	45.95	54.00	-8.05	AVG



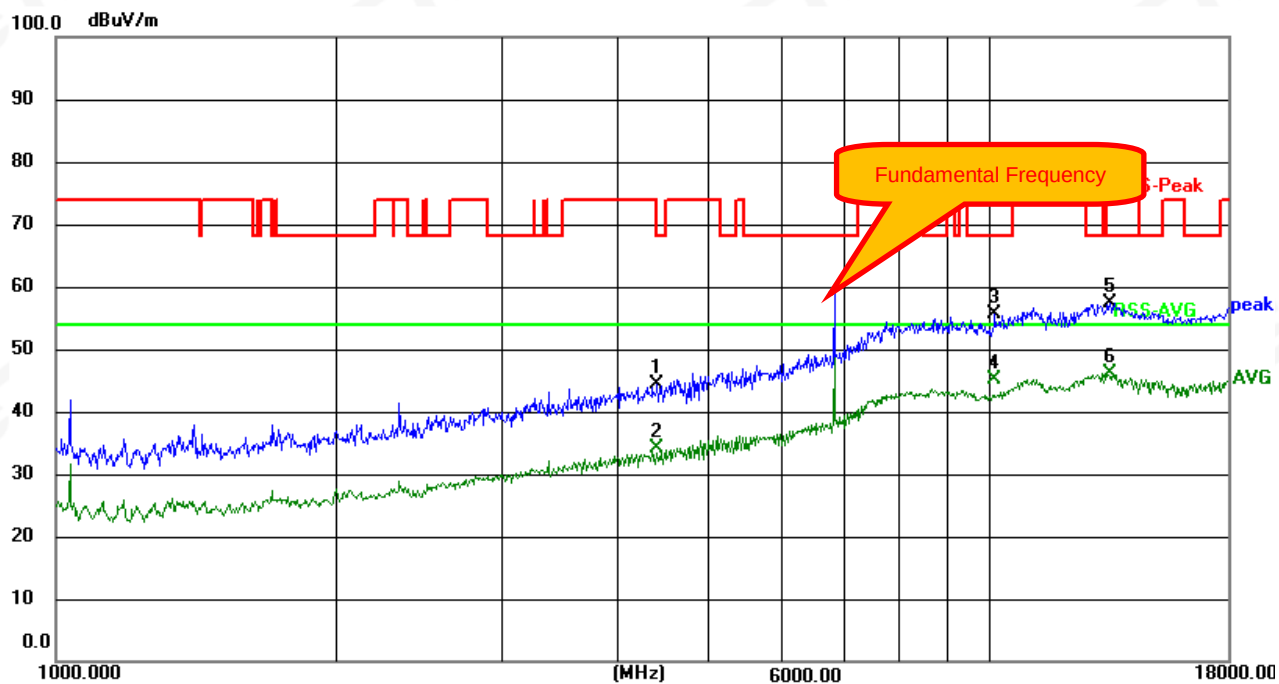
RSE-1G-18G-H
ax20 6855 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3105.037	64.66	-22.44	42.22	68.20	-25.98	peak
2	3105.037	54.52	-22.44	32.08	54.00	-21.92	AVG
3	10484.230	60.87	-6.19	54.68	68.20	-13.52	peak
4	10484.230	50.39	-6.19	44.20	54.00	-9.80	AVG
5	14660.479	59.08	-2.47	56.61	68.20	-11.59	peak
6 *	14660.479	48.58	-2.47	46.11	54.00	-7.89	AVG

RSE-1G-18G-V
ax20 6855 MHz

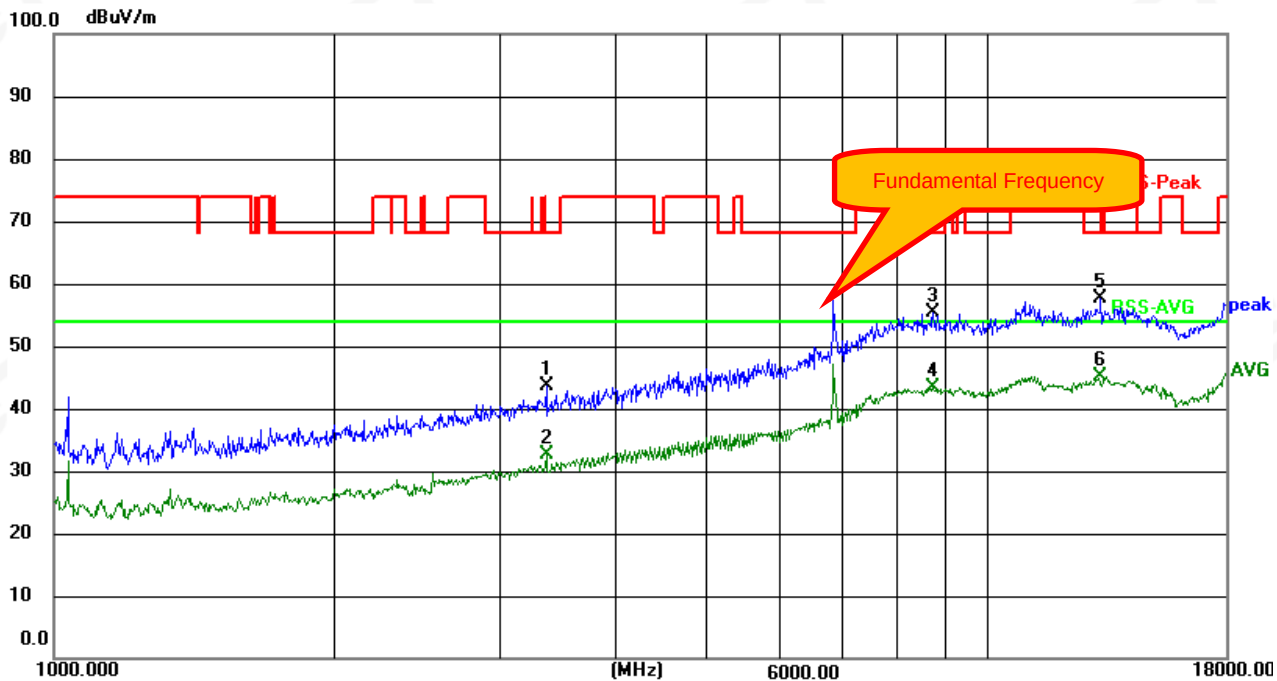
ax20 6855 MHz



No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	4405.090	62.34	-18.02	44.32	68.20	-23.88	peak
2	4405.090	52.10	-18.02	34.08	54.00	-19.92	AVG
3	10126.824	62.75	-7.01	55.74	68.20	-12.46	peak
4	10126.824	52.19	-7.01	45.18	54.00	-8.82	AVG
5	13442.808	61.21	-3.87	57.34	68.20	-10.86	peak
6 *	13442.808	49.92	-3.87	46.05	54.00	-7.95	AVG



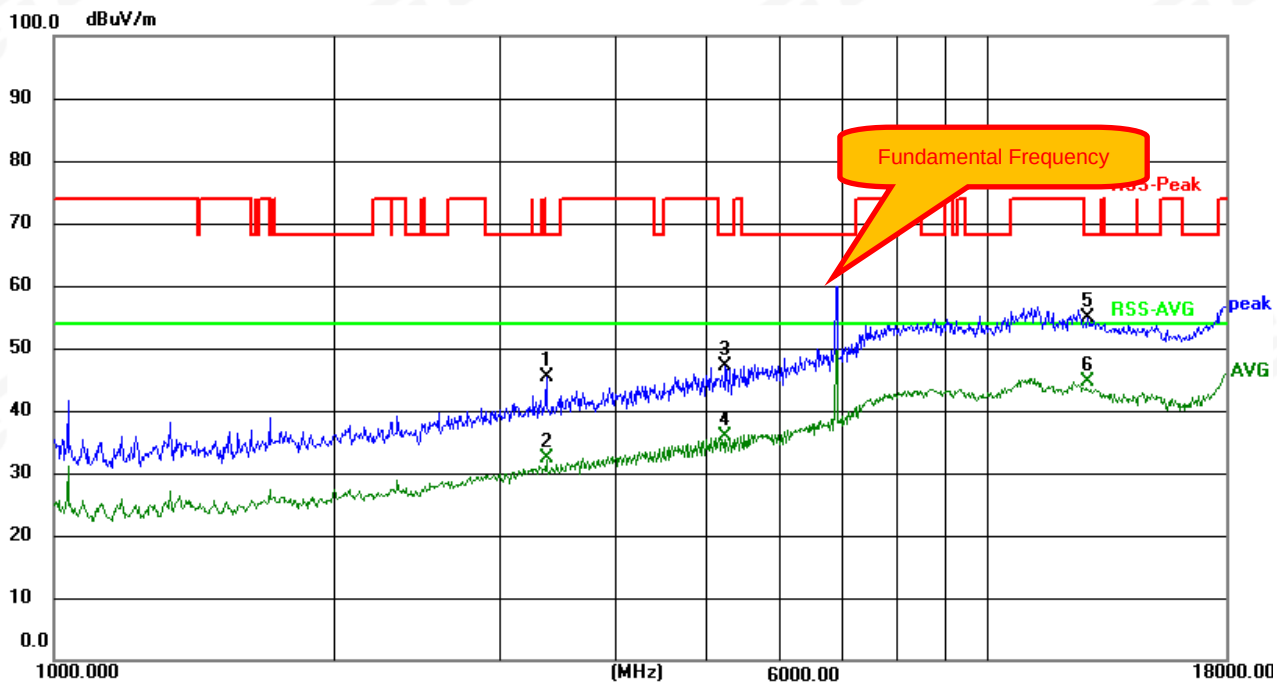
RSE-1G-18G-V
ax20 6875 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.19	-21.55	43.64	68.20	-24.56	peak
2	3366.778	54.09	-21.55	32.54	54.00	-21.46	AVG
3	8738.852	63.04	-7.55	55.49	68.20	-12.71	peak
4	8738.852	50.92	-7.55	43.37	54.00	-10.63	AVG
5	13211.689	61.83	-4.15	57.68	68.20	-10.52	peak
6 *	13211.689	49.25	-4.15	45.10	54.00	-8.90	AVG



RSE-1G-18G-H
ax20 6895 MHz

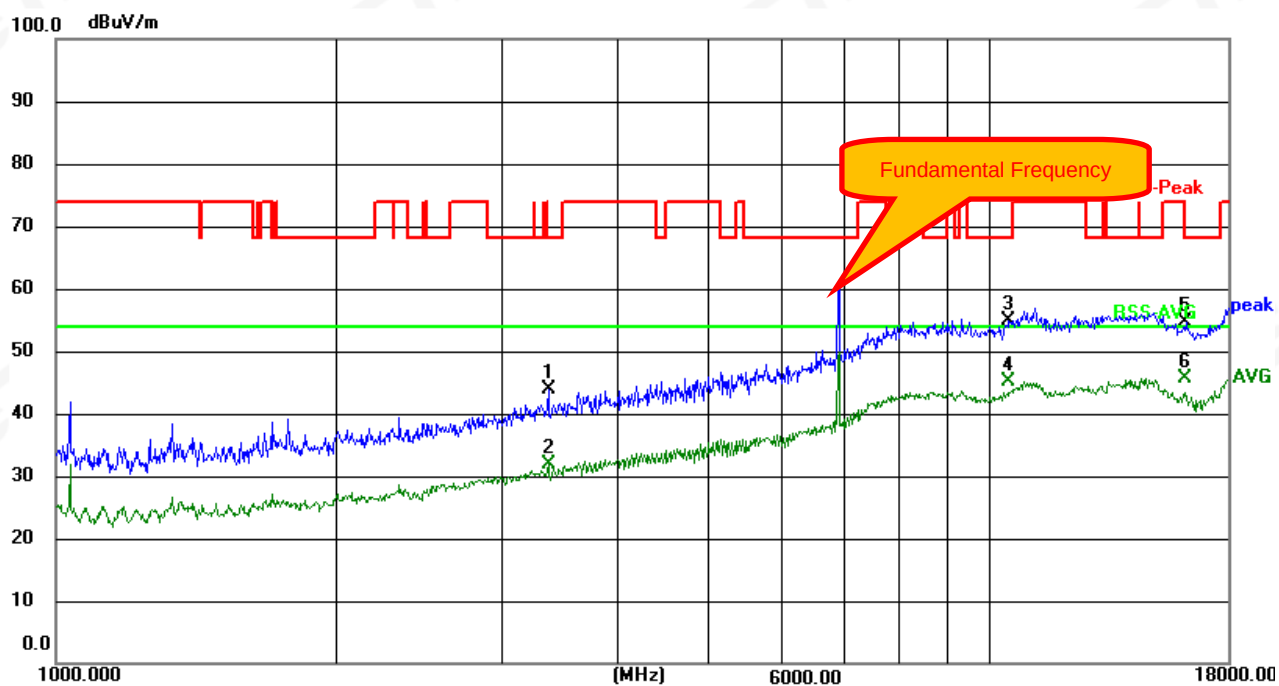


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	66.88	-21.55	45.33	68.20	-22.87	peak
2	3366.778	53.99	-21.55	32.44	54.00	-21.56	AVG
3	5239.274	62.76	-15.55	47.21	68.20	-20.99	peak
4	5239.274	51.53	-15.55	35.98	54.00	-18.02	AVG
5	12798.243	59.77	-4.78	54.99	68.20	-13.21	peak
6 *	12798.243	49.52	-4.78	44.74	54.00	-9.26	AVG



RSE-1G-18G-V

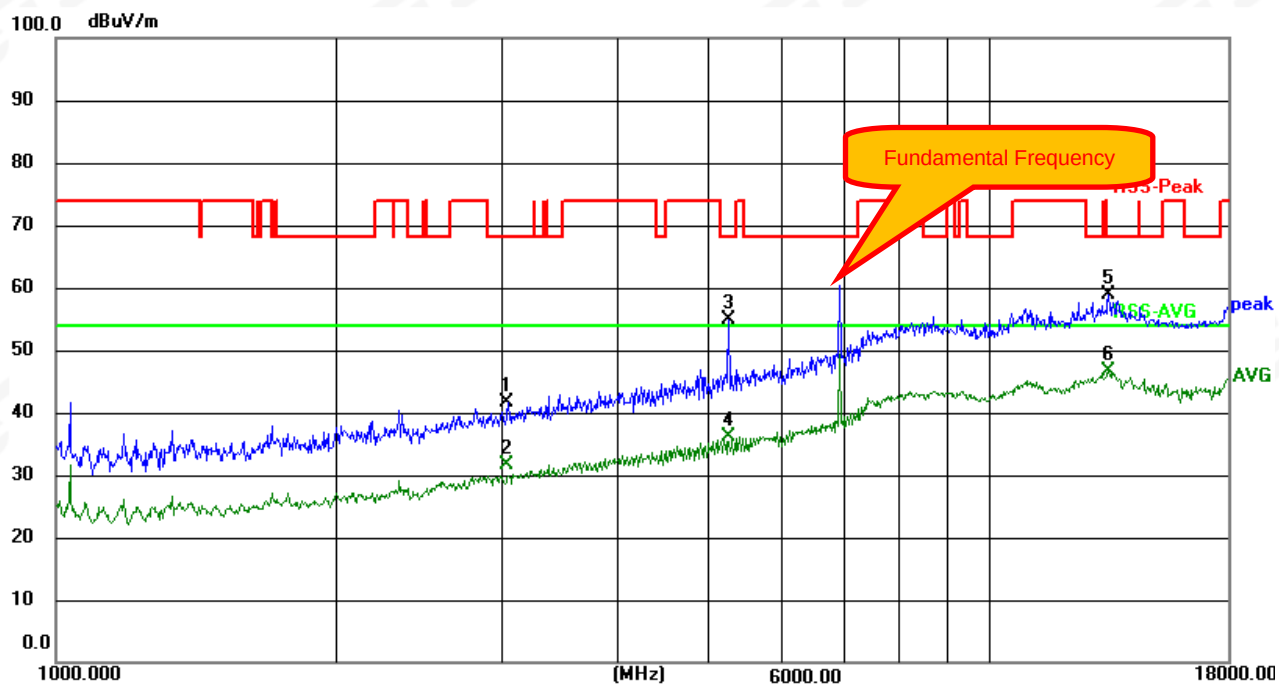
ax20 6895 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.48	-21.55	43.93	68.20	-24.27	peak
2	3366.778	53.50	-21.55	31.95	54.00	-22.05	AVG
3	10484.230	61.11	-6.19	54.92	68.20	-13.28	peak
4	10484.230	51.25	-6.19	45.06	54.00	-8.94	AVG
5	16221.189	59.17	-4.44	54.73	68.20	-13.47	peak
6 *	16221.189	50.00	-4.44	45.56	54.00	-8.44	AVG



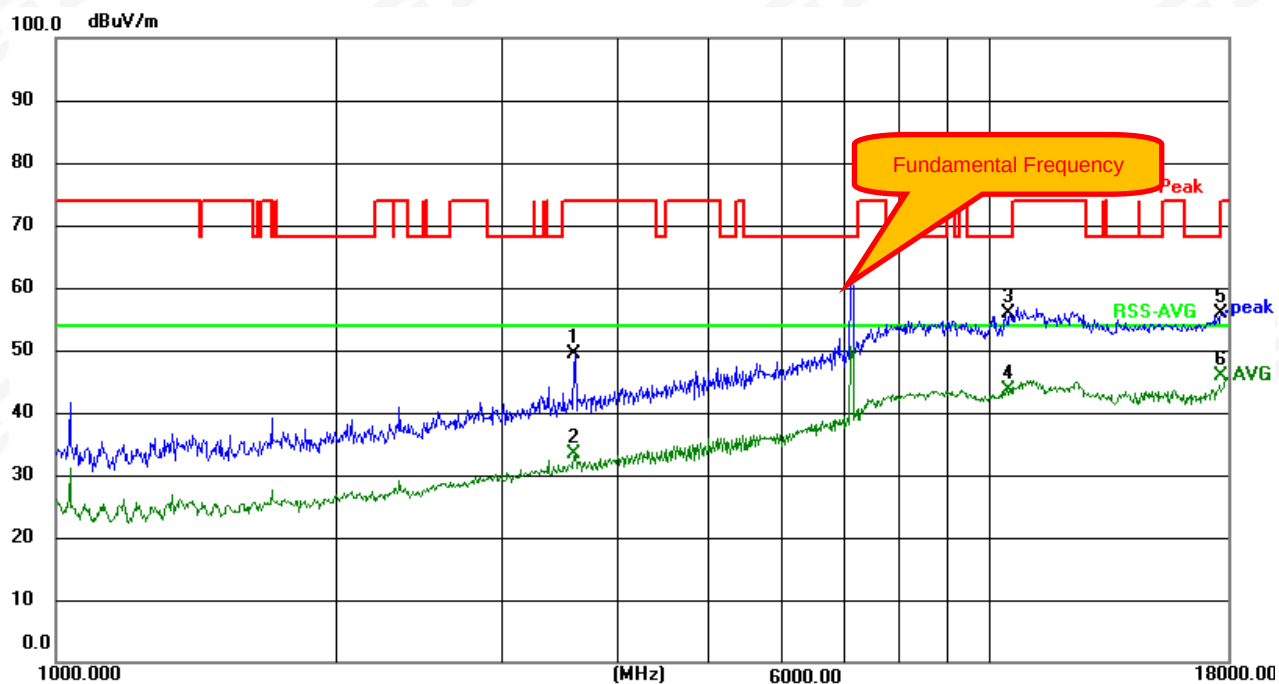
RSE-1G-18G-H
ax20 6995 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3051.653	64.25	-22.62	41.63	68.20	-26.57	peak
2	3051.653	54.36	-22.62	31.74	54.00	-22.26	AVG
3	5254.440	70.52	-15.52	55.00	68.20	-13.20	peak
4	5254.440	51.64	-15.52	36.12	54.00	-17.88	AVG
5	13404.009	62.76	-3.92	58.84	68.20	-9.36	peak
6 *	13404.009	50.54	-3.92	46.62	54.00	-7.38	AVG



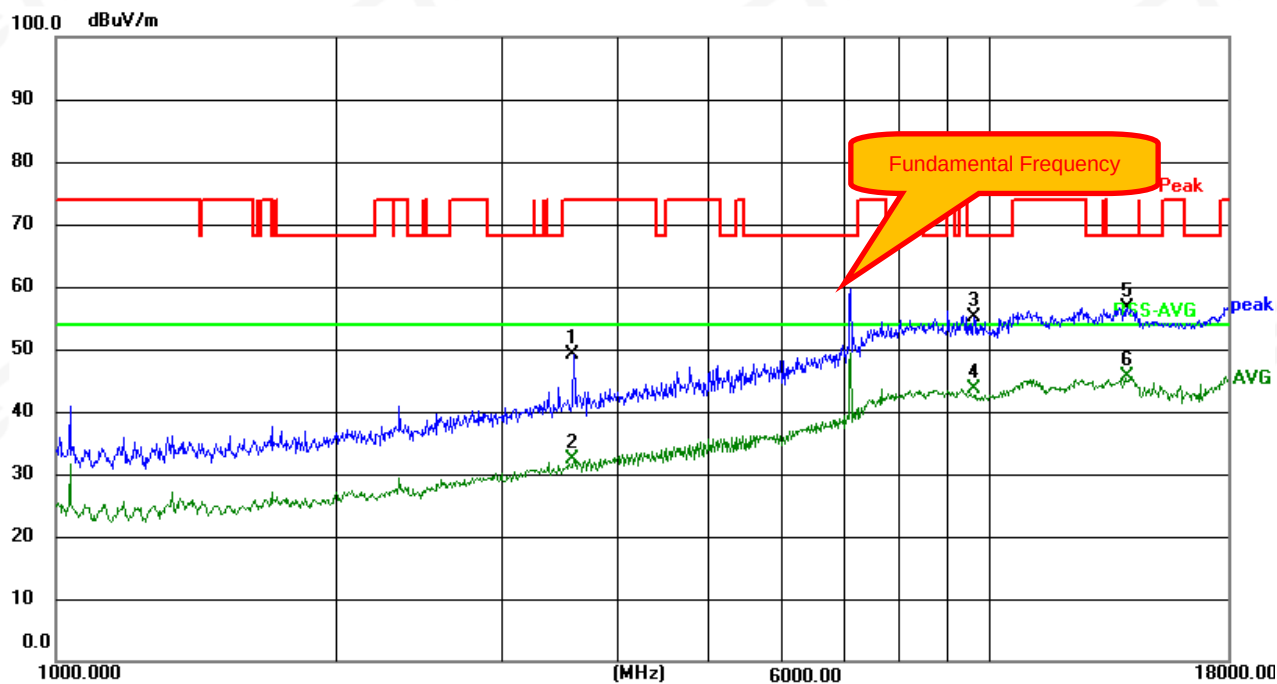
RSE-1G-18G-H
ax20 7115 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3598.203	70.11	-20.77	49.34	74.00	-24.66	peak
2	3598.203	54.15	-20.77	33.38	54.00	-20.62	AVG
3	10514.577	61.96	-6.12	55.84	68.20	-12.36	peak
4	10514.577	49.72	-6.12	43.60	54.00	-10.40	AVG
5	17690.531	53.80	2.05	55.85	68.20	-12.35	peak
6 *	17690.531	43.85	2.05	45.90	54.00	-8.10	AVG



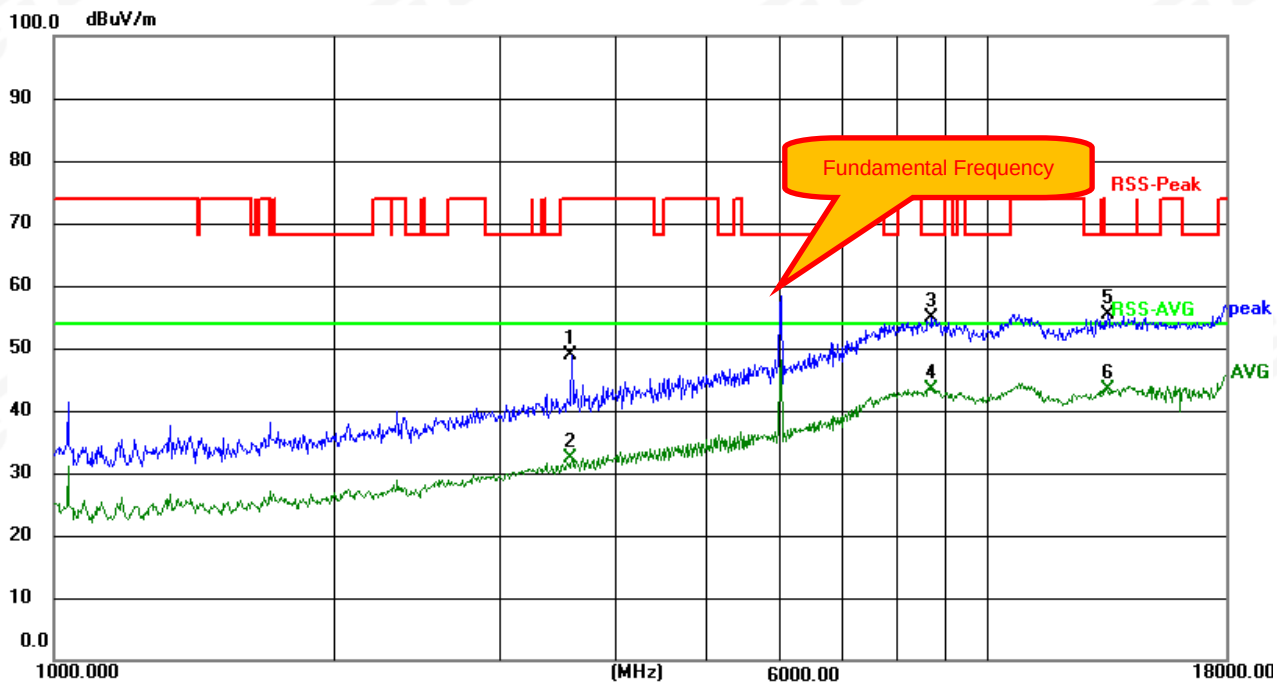
RSE-1G-18G-V
ax20 7115 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3587.818	70.02	-20.80	49.22	74.00	-24.78	peak
2	3587.818	53.20	-20.80	32.40	54.00	-21.60	AVG
3	9613.430	62.59	-7.38	55.21	68.20	-12.99	peak
4	9613.430	51.02	-7.38	43.64	54.00	-10.36	AVG
5	14038.447	59.84	-3.16	56.68	68.20	-11.52	peak
6 *	14038.447	48.75	-3.16	45.59	54.00	-8.41	AVG



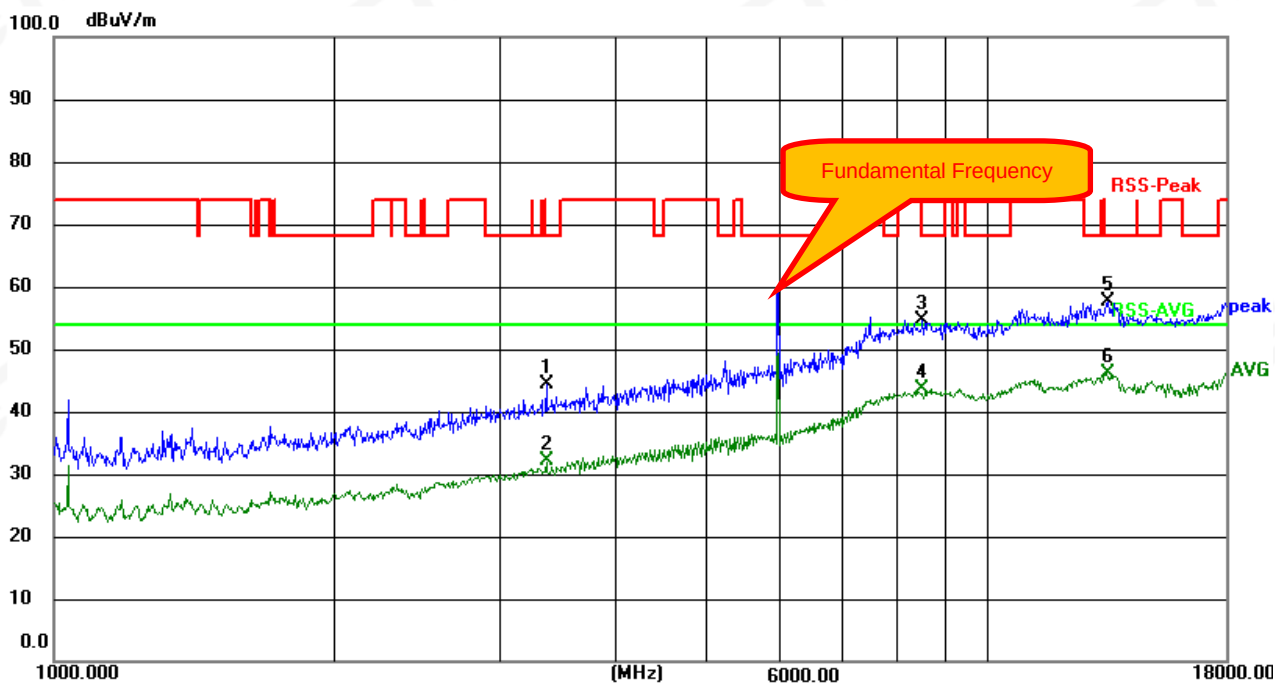
RSE-1G-18G-H
ax40 5965 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3587.818	69.56	-20.80	48.76	74.00	-25.24	peak
2	3587.818	53.22	-20.80	32.42	54.00	-21.58	AVG
3	8713.630	62.43	-7.56	54.87	68.20	-13.33	peak
4	8713.630	50.96	-7.56	43.40	54.00	-10.60	AVG
5	13442.808	59.33	-3.87	55.46	68.20	-12.74	peak
6 *	13442.808	47.36	-3.87	43.49	54.00	-10.51	AVG



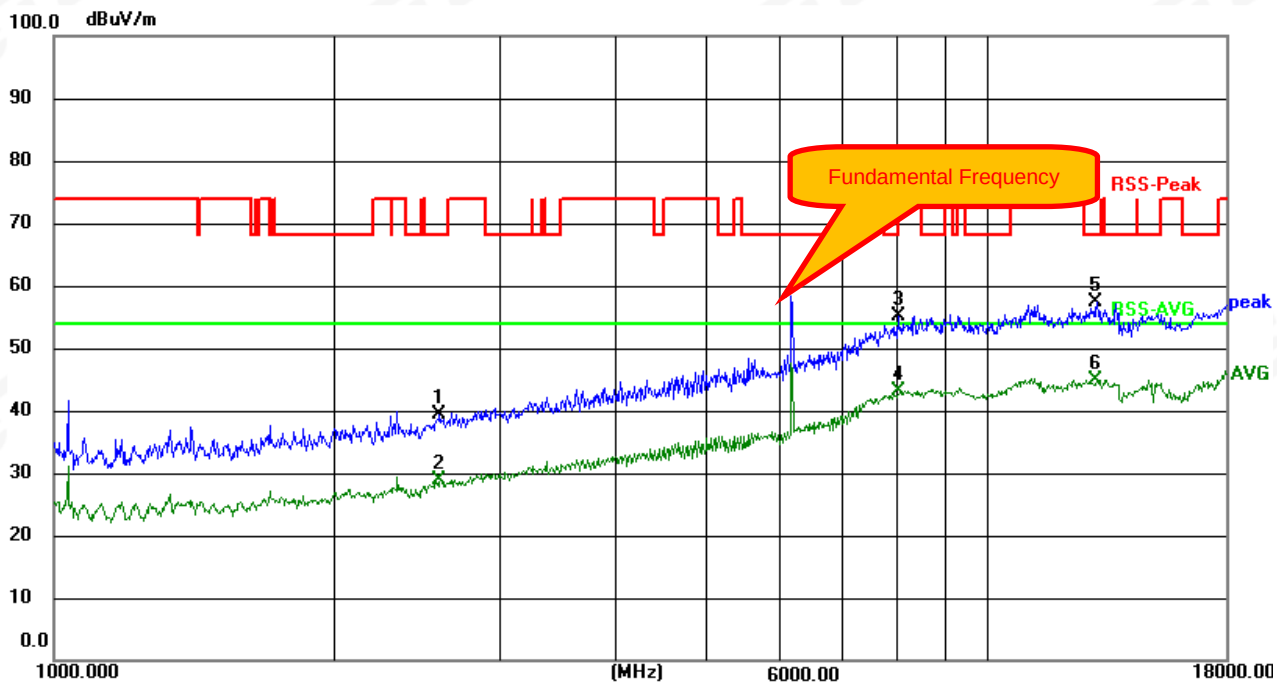
RSE-1G-18G-V
ax40 5965 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.90	-21.55	44.35	68.20	-23.85	peak
2	3366.778	53.67	-21.55	32.12	54.00	-21.88	AVG
3	8514.456	62.27	-7.60	54.67	68.20	-13.53	peak
4	8514.456	51.22	-7.60	43.62	54.00	-10.38	AVG
5	13442.808	61.47	-3.87	57.60	68.20	-10.60	peak
6 *	13442.808	49.90	-3.87	46.03	54.00	-7.97	AVG



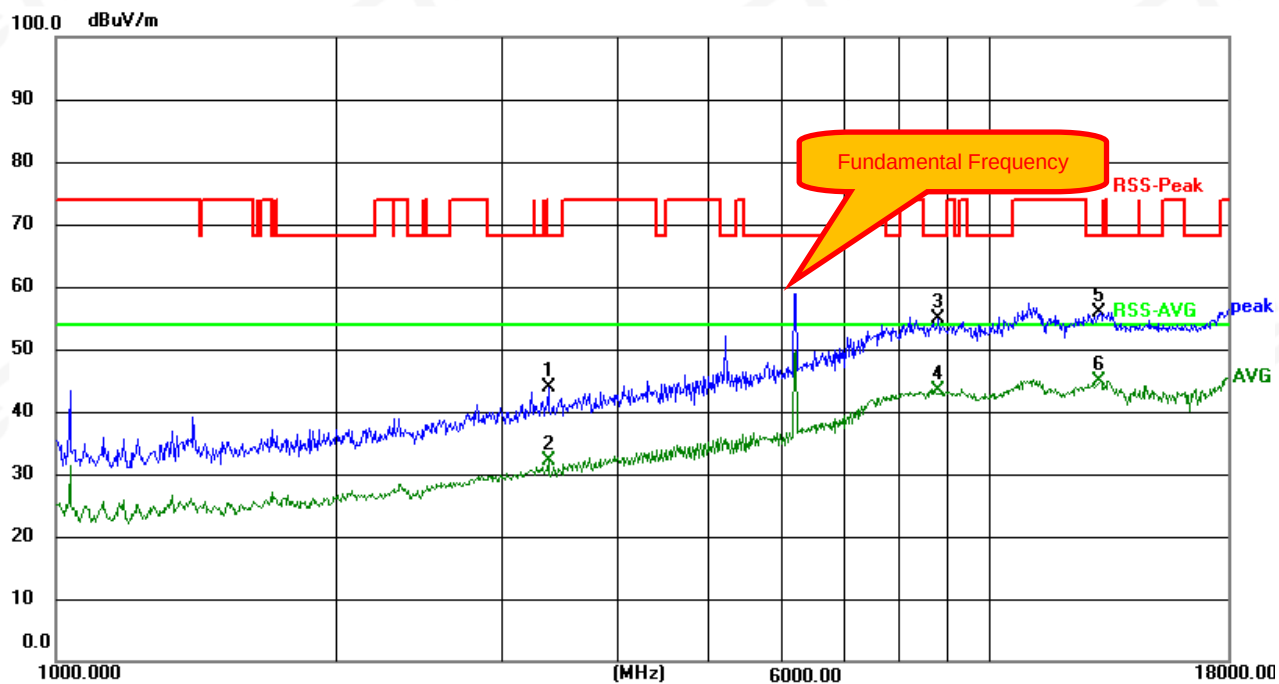
RSE-1G-18G-H
ax40 6165 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2588.121	63.49	-24.08	39.41	68.20	-28.79	peak
2	2588.121	52.91	-24.08	28.83	54.00	-25.17	AVG
3	8013.020	62.92	-7.70	55.22	68.20	-12.98	peak
4	8013.020	50.79	-7.70	43.09	54.00	-10.91	AVG
5	13097.624	61.57	-4.28	57.29	68.20	-10.91	peak
6 *	13097.624	49.28	-4.28	45.00	54.00	-9.00	AVG



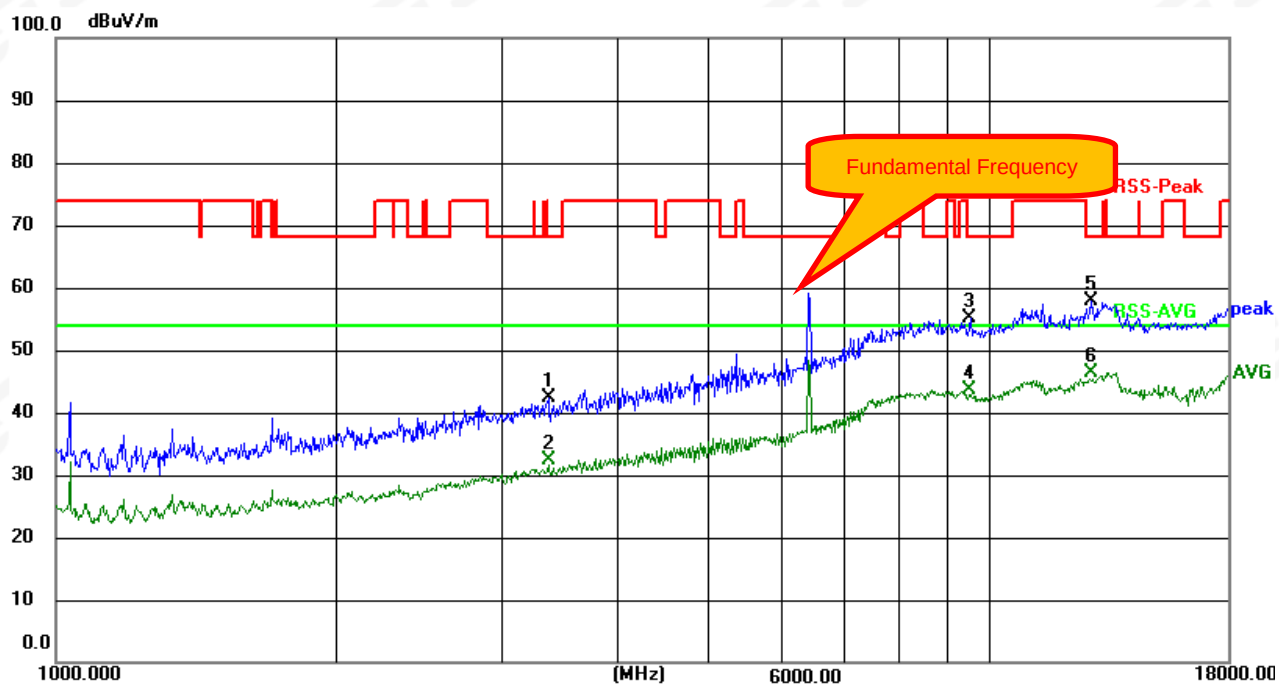
RSE-1G-18G-V
ax40 6165 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.50	-21.55	43.95	68.20	-24.25	peak
2	3366.778	53.70	-21.55	32.15	54.00	-21.85	AVG
3	8814.957	62.34	-7.54	54.80	68.20	-13.40	peak
4	8814.957	50.87	-7.54	43.33	54.00	-10.67	AVG
5	13135.536	60.19	-4.24	55.95	68.20	-12.25	peak
6 *	13135.536	49.14	-4.24	44.90	54.00	-9.10	AVG



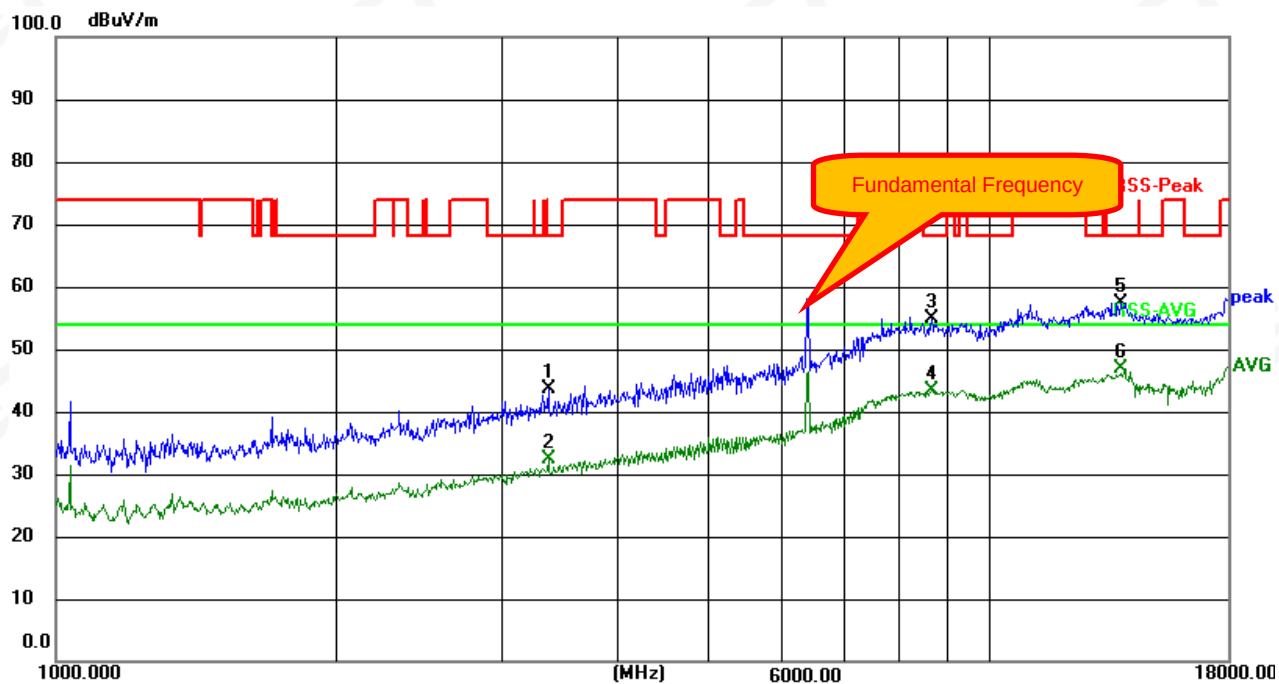
RSE-1G-18G-H
ax40 6405 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	64.03	-21.55	42.48	68.20	-25.72	peak
2	3366.778	53.92	-21.55	32.37	54.00	-21.63	AVG
3	9530.431	62.58	-7.39	55.19	68.20	-13.01	peak
4	9530.431	50.92	-7.39	43.53	54.00	-10.47	AVG
5	12835.288	62.51	-4.71	57.80	68.20	-10.40	peak
6 *	12835.288	51.14	-4.71	46.43	54.00	-7.57	AVG



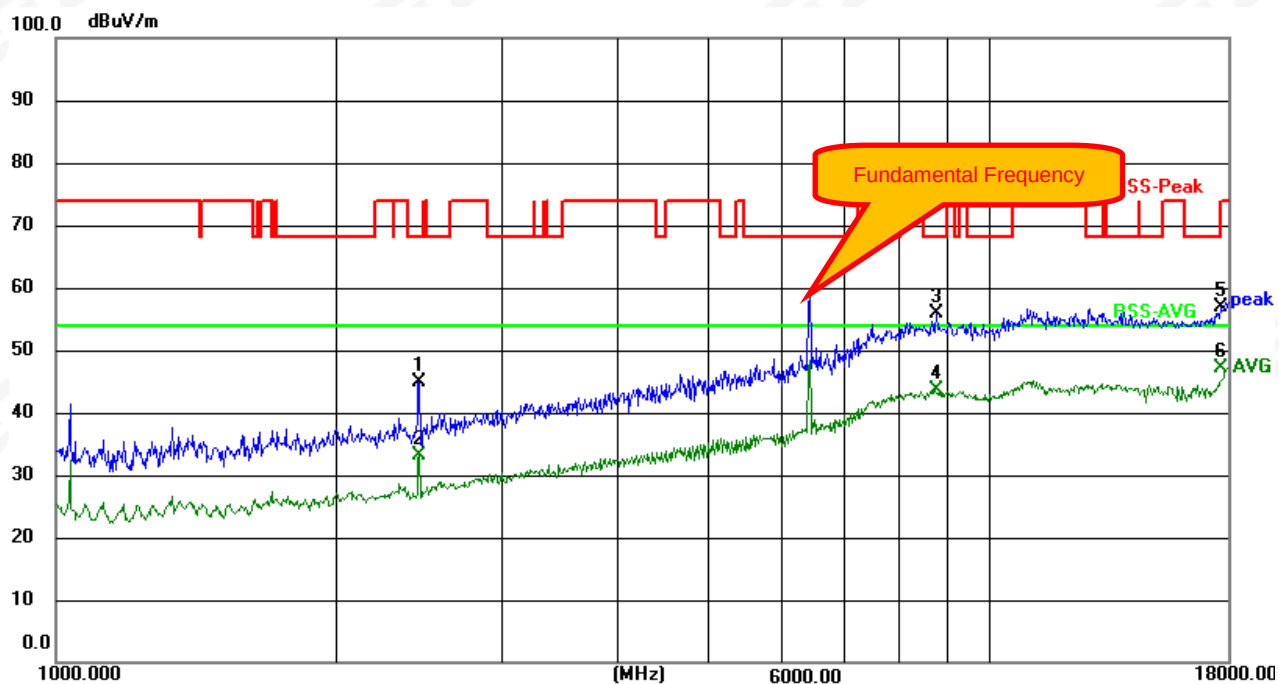
RSE-1G-18G-V
ax40 6405 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.08	-21.55	43.53	68.20	-24.67	peak
2	3366.778	53.94	-21.55	32.39	54.00	-21.61	AVG
3	8663.404	62.45	-7.57	54.88	68.20	-13.32	peak
4	8663.404	51.05	-7.57	43.48	54.00	-10.52	AVG
5	13797.088	60.85	-3.44	57.41	68.20	-10.79	peak
6 *	13797.088	50.27	-3.44	46.83	54.00	-7.17	AVG



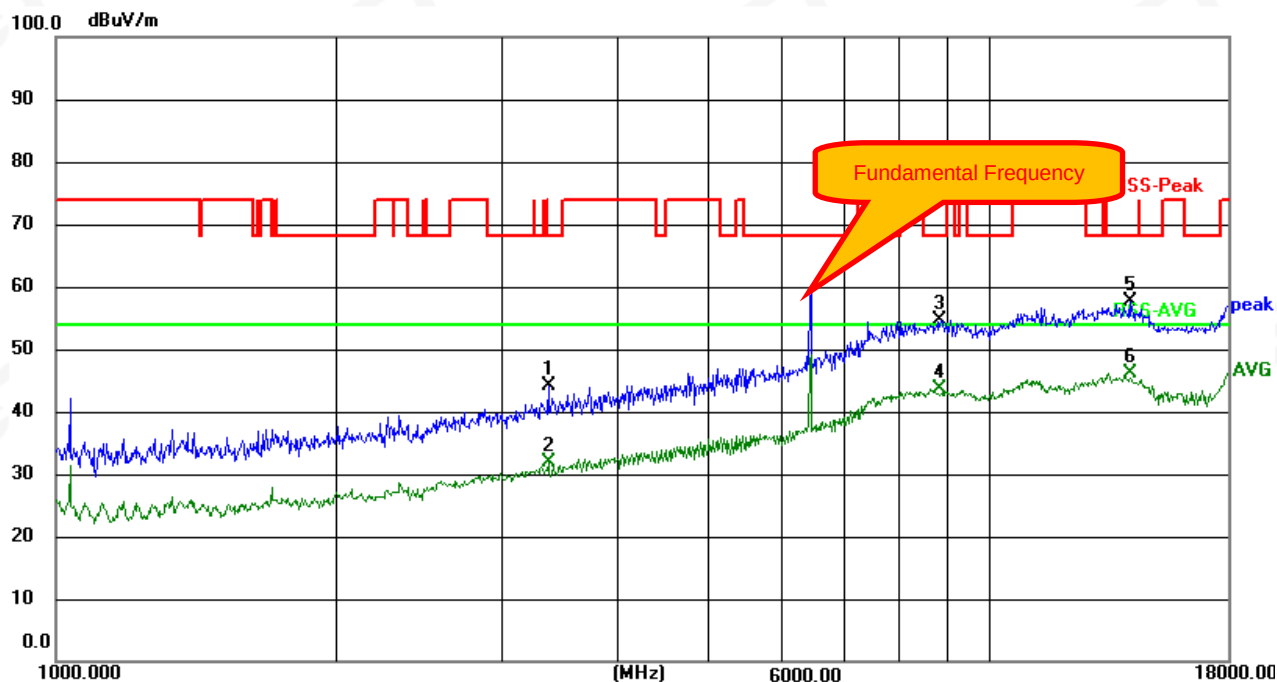
RSE-1G-18G-H
ax40 6445 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2449.822	69.49	-24.51	44.98	68.20	-23.22	peak
2	2449.822	57.60	-24.51	33.09	54.00	-20.91	AVG
3	8764.147	63.44	-7.55	55.89	68.20	-12.31	peak
4	8764.147	51.16	-7.55	43.61	54.00	-10.39	AVG
5	17690.531	54.71	2.05	56.76	68.20	-11.44	peak
6 *	17690.531	45.18	2.05	47.23	54.00	-6.77	AVG



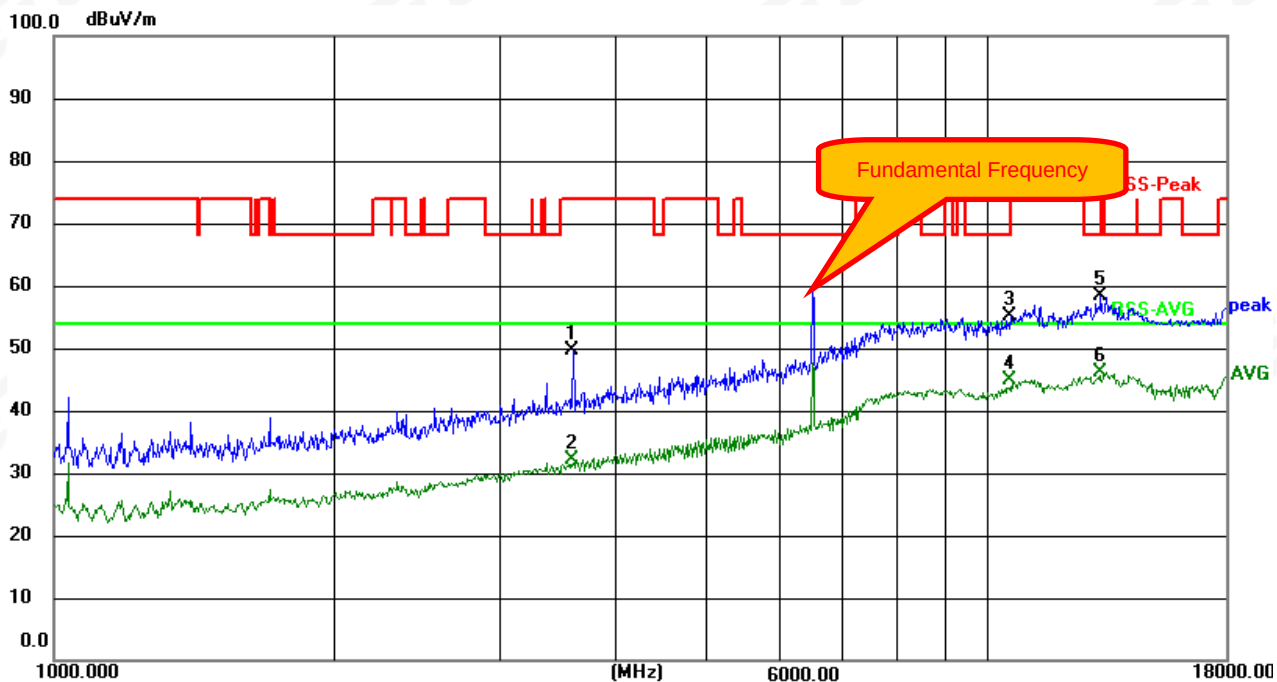
RSE-1G-18G-V
ax40 6445 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.80	-21.55	44.25	68.20	-23.95	peak
2	3366.778	53.43	-21.55	31.88	54.00	-22.12	AVG
3	8866.061	62.28	-7.53	54.75	68.20	-13.45	peak
4	8866.061	51.05	-7.53	43.52	54.00	-10.48	AVG
5	14119.835	60.76	-3.07	57.69	68.20	-10.51	peak
6 *	14119.835	49.31	-3.07	46.24	54.00	-7.76	AVG



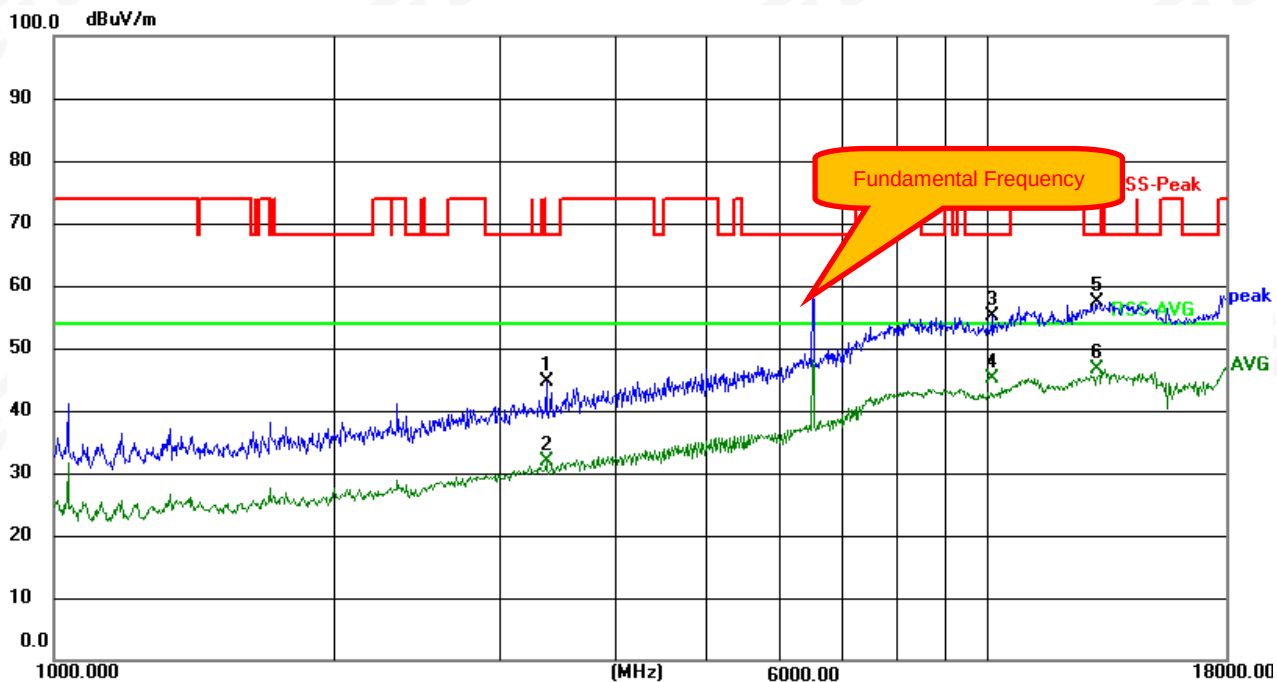
RSE-1G-18G-H
ax40 6485 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3598.203	70.40	-20.77	49.63	74.00	-24.37	peak
2	3598.203	52.98	-20.77	32.21	54.00	-21.79	AVG
3	10575.535	61.05	-5.98	55.07	68.20	-13.13	peak
4	10575.535	50.96	-5.98	44.98	54.00	-9.02	AVG
5	13211.689	62.62	-4.15	58.47	68.20	-9.73	peak
6 *	13211.689	50.28	-4.15	46.13	54.00	-7.87	AVG



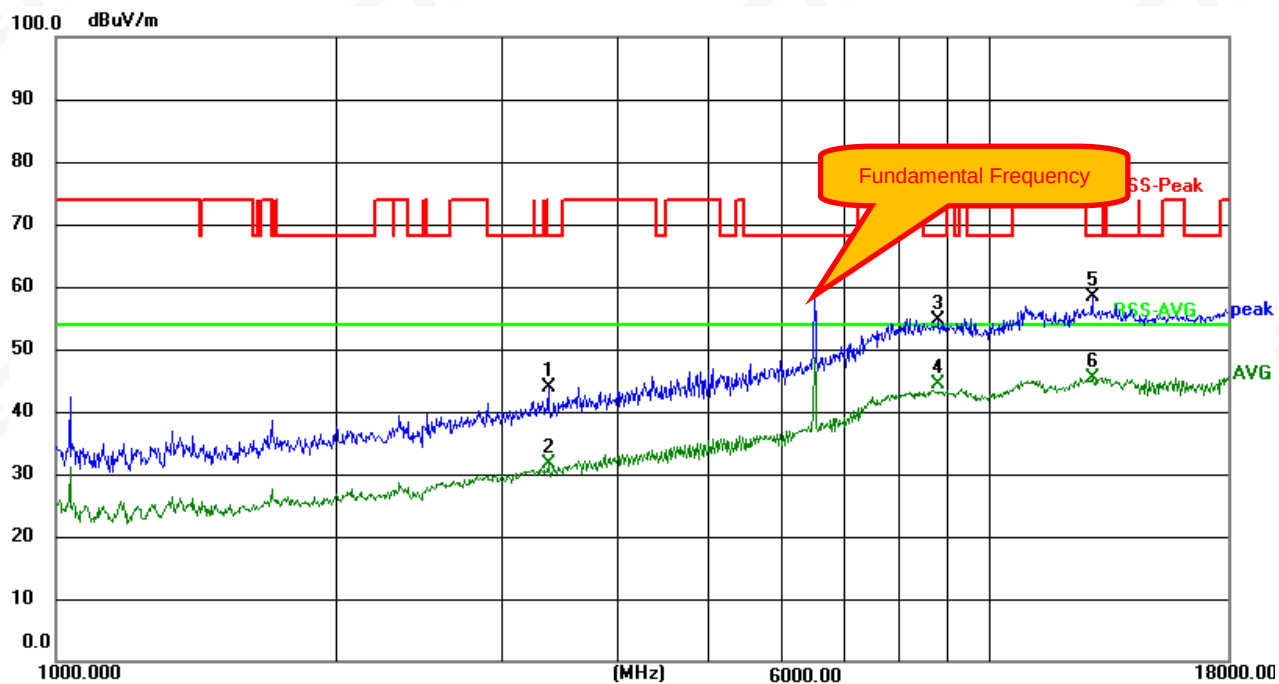
RSE-1G-18G-H
ax40 6525 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	66.24	-21.55	44.69	68.20	-23.51	peak
2	3366.778	53.47	-21.55	31.92	54.00	-22.08	AVG
3	10126.824	62.23	-7.01	55.22	68.20	-12.98	peak
4	10126.824	52.04	-7.01	45.03	54.00	-8.97	AVG
5	13135.536	61.56	-4.24	57.32	68.20	-10.88	peak
6 *	13135.536	50.86	-4.24	46.62	54.00	-7.38	AVG



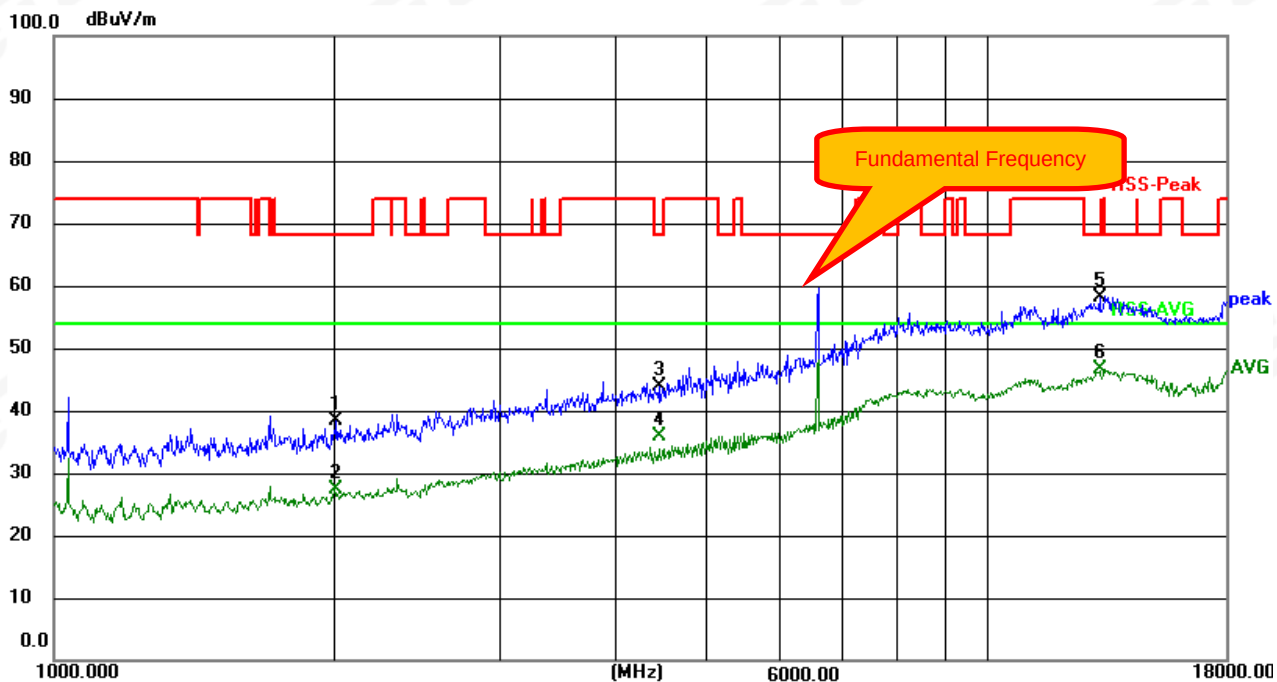
RSE-1G-18G-V
ax40 6525 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.48	-21.55	43.93	68.20	-24.27	peak
2	3366.778	53.20	-21.55	31.65	54.00	-22.35	AVG
3	8814.957	62.19	-7.54	54.65	68.20	-13.55	peak
4	8814.957	51.80	-7.54	44.26	54.00	-9.74	AVG
5	12872.441	62.90	-4.64	58.26	68.20	-9.94	peak
6 *	12872.441	50.03	-4.64	45.39	54.00	-8.61	AVG



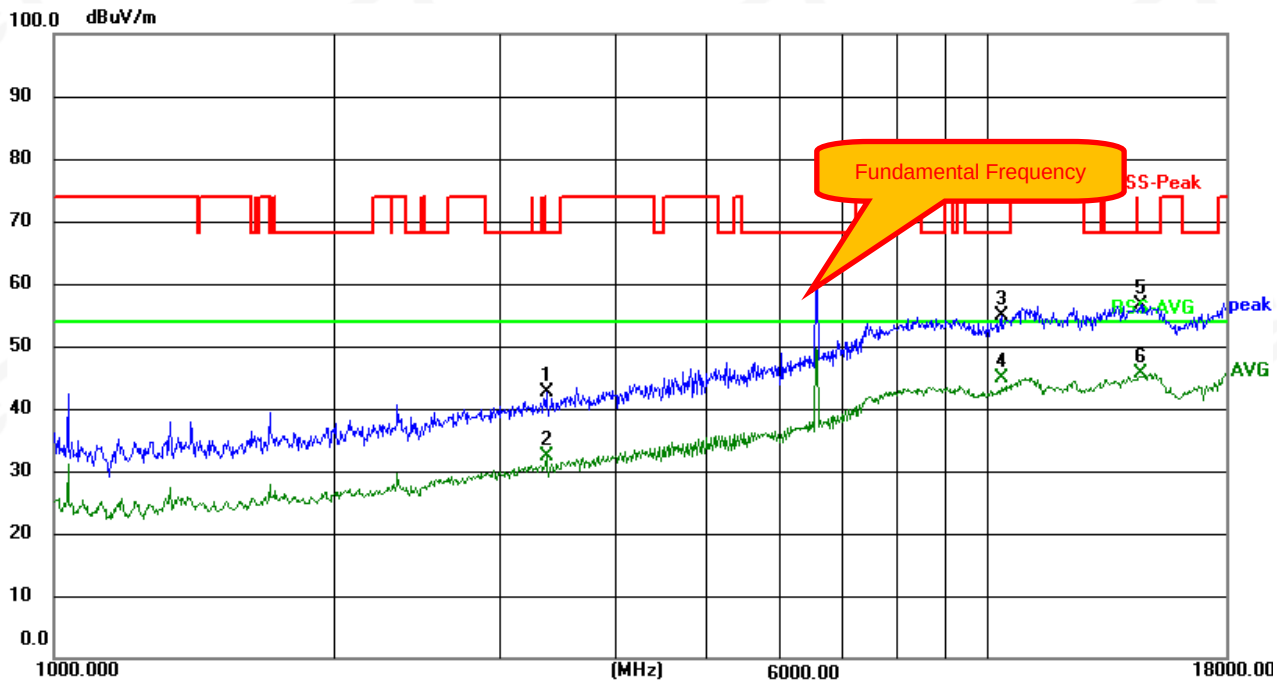
RSE-1G-18G-H
ax40 6565 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2006.877	64.27	-25.88	38.39	68.20	-29.81	peak
2	2006.877	53.29	-25.88	27.41	54.00	-26.59	AVG
3	4443.453	61.89	-17.89	44.00	68.20	-24.20	peak
4	4443.453	53.73	-17.89	35.84	54.00	-18.16	AVG
5	13173.558	62.36	-4.19	58.17	68.20	-10.03	peak
6 *	13173.558	50.74	-4.19	46.55	54.00	-7.45	AVG



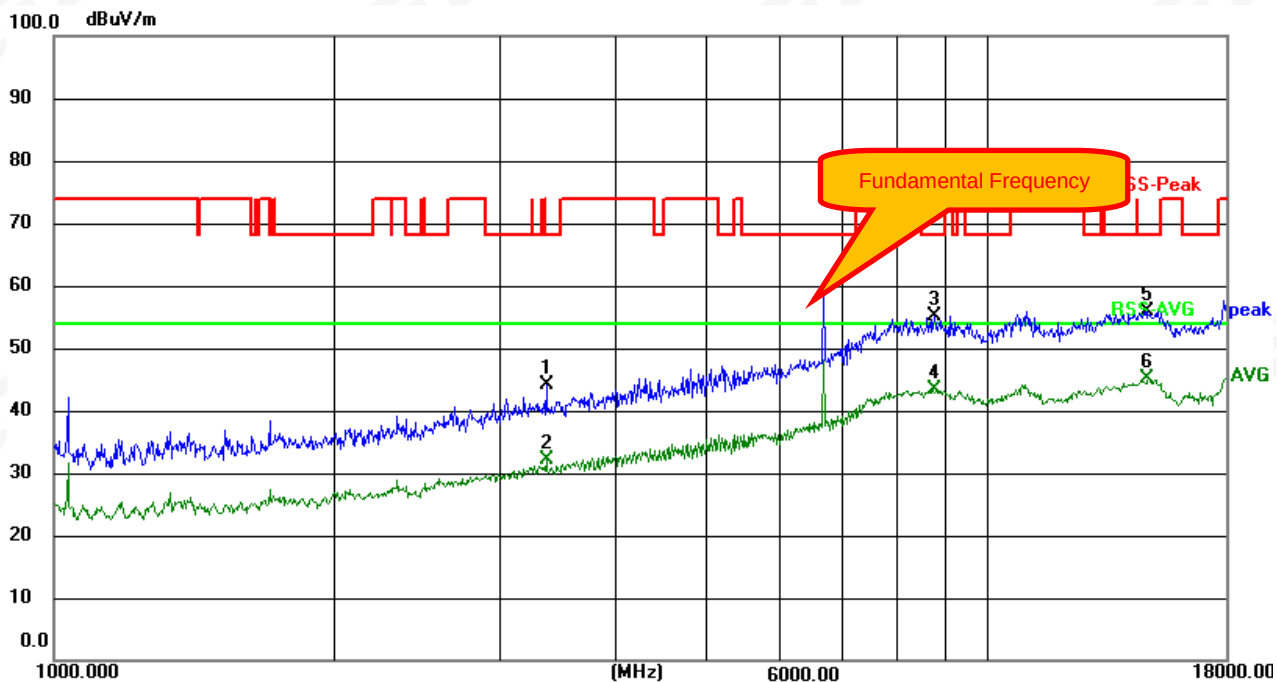
RSE-1G-18G-V
ax40 6565 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	64.15	-21.55	42.60	68.20	-25.60	peak
2	3366.778	54.03	-21.55	32.48	54.00	-21.52	AVG
3	10333.803	61.30	-6.53	54.77	68.20	-13.43	peak
4	10333.803	51.53	-6.53	45.00	54.00	-9.00	AVG
5	14575.975	59.18	-2.57	56.61	68.20	-11.59	peak
6 *	14575.975	48.12	-2.57	45.55	54.00	-8.45	AVG



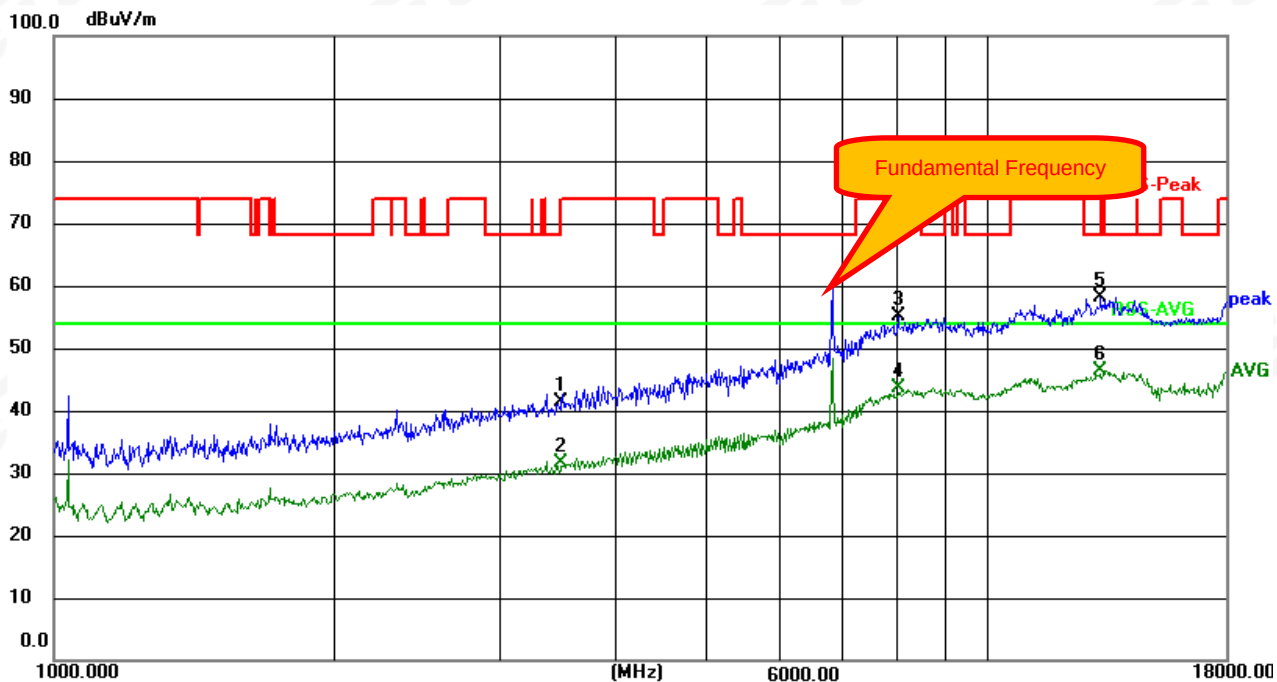
RSE-1G-18G-H
ax40 6685 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	65.80	-21.55	44.25	68.20	-23.95	peak
2	3366.778	53.72	-21.55	32.17	54.00	-21.83	AVG
3	8764.147	62.63	-7.55	55.08	68.20	-13.12	peak
4	8764.147	51.04	-7.55	43.49	54.00	-10.51	AVG
5	14830.959	58.09	-2.29	55.80	68.20	-12.40	peak
6 *	14830.959	47.31	-2.29	45.02	54.00	-8.98	AVG



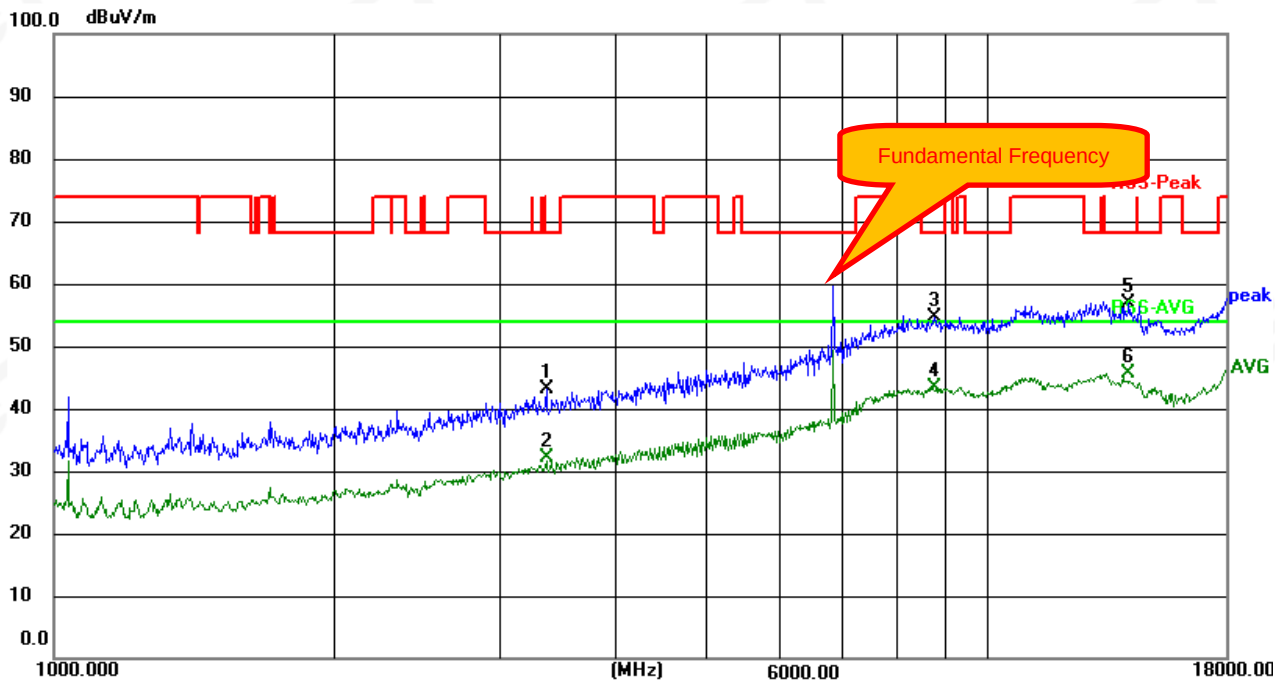
RSE-1G-18G-H
ax40 6845 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3495.691	62.50	-21.11	41.39	68.20	-26.81	peak
2	3495.691	52.68	-21.11	31.57	54.00	-22.43	AVG
3	8013.020	62.79	-7.70	55.09	68.20	-13.11	peak
4	8013.020	51.30	-7.70	43.60	54.00	-10.40	AVG
5	13211.689	62.33	-4.15	58.18	68.20	-10.02	peak
6 *	13211.689	50.64	-4.15	46.49	54.00	-7.51	AVG



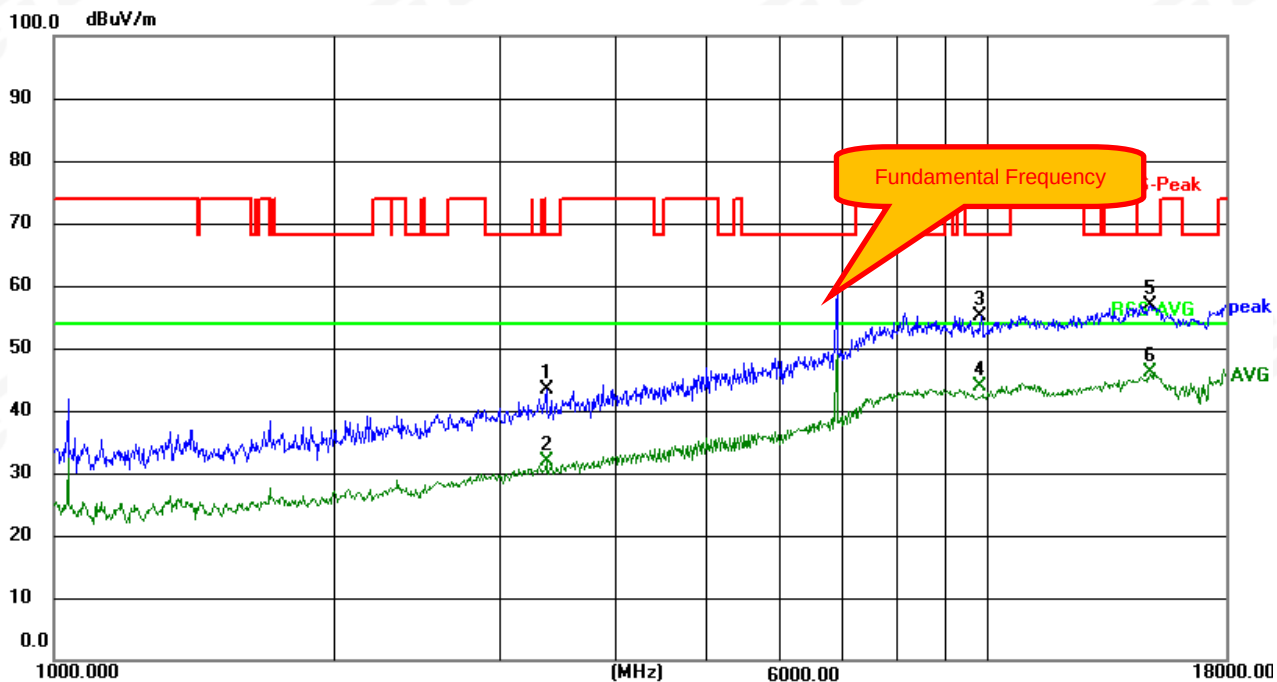
RSE-1G-18G-V
ax40 6845 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	64.59	-21.55	43.04	68.20	-25.16	peak
2	3366.778	53.78	-21.55	32.23	54.00	-21.77	AVG
3	8764.147	62.10	-7.55	54.55	68.20	-13.65	peak
4	8764.147	50.99	-7.55	43.44	54.00	-10.56	AVG
5	14160.705	59.95	-3.02	56.93	68.20	-11.27	peak
6 *	14160.705	48.67	-3.02	45.65	54.00	-8.35	AVG

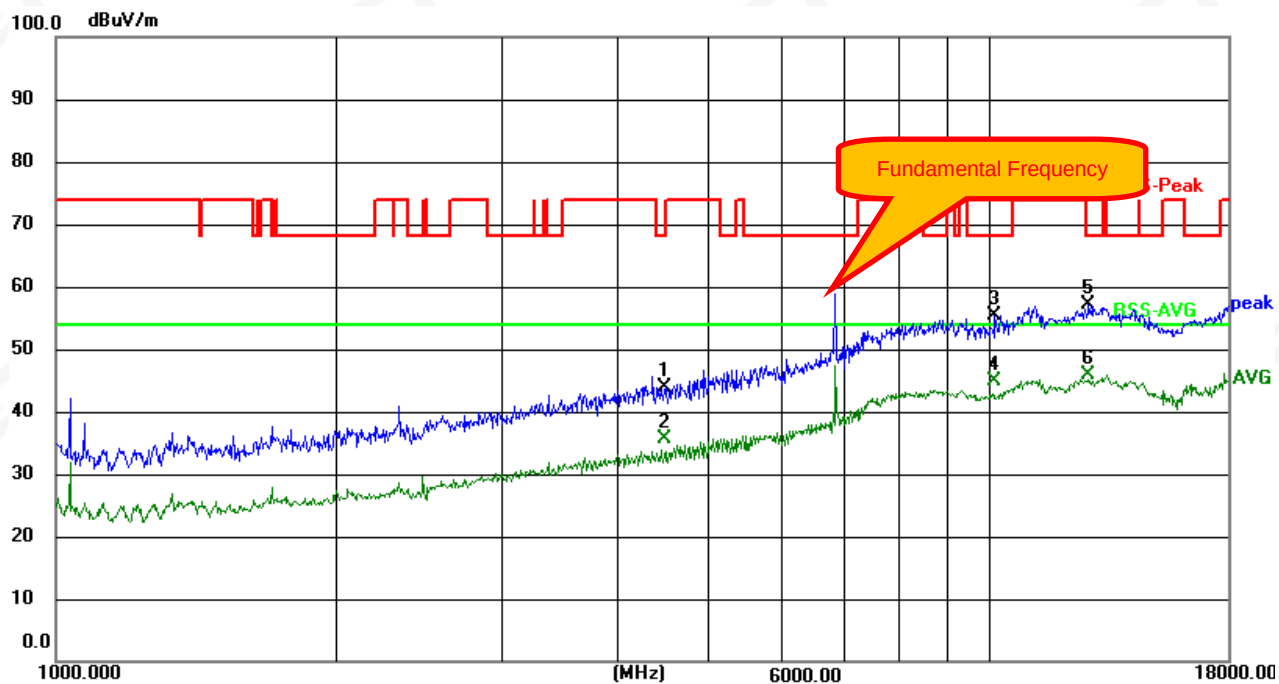


RSE-1G-18G-H
ax40 6885 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	64.83	-21.55	43.28	68.20	-24.92	peak
2	3366.778	53.55	-21.55	32.00	54.00	-22.00	AVG
3	9838.311	62.38	-7.33	55.05	68.20	-13.15	peak
4	9838.311	51.15	-7.33	43.82	54.00	-10.18	AVG
5	14916.942	59.17	-2.19	56.98	68.20	-11.22	peak
6 *	14916.942	48.24	-2.19	46.05	54.00	-7.95	AVG

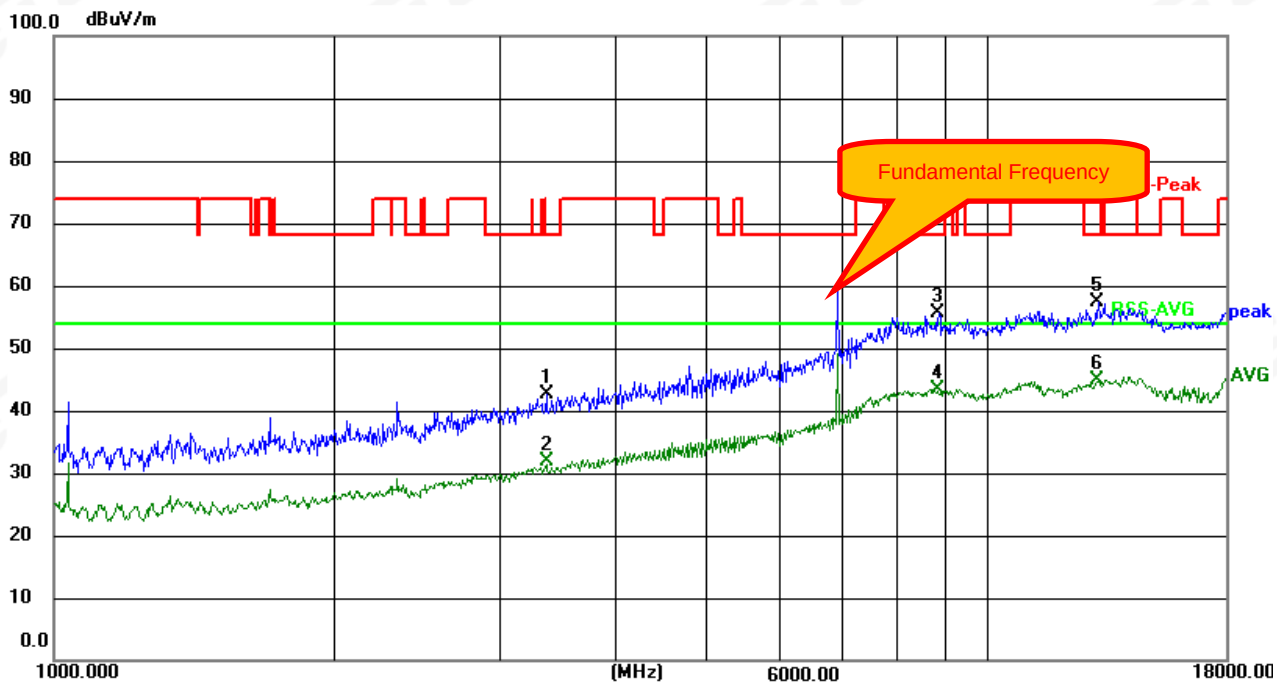
RSE-1G-18G-V
ax40 6885 MHz



No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	4495.124	61.66	-17.72	43.94	68.20	-24.26	peak
2	4495.124	53.35	-17.72	35.63	54.00	-18.37	AVG
3	10126.824	62.36	-7.01	55.35	68.20	-12.85	peak
4	10126.824	51.97	-7.01	44.96	54.00	-9.04	AVG
5	12761.305	62.00	-4.85	57.15	68.20	-11.05	peak
6 *	12761.305	50.68	-4.85	45.83	54.00	-8.17	AVG



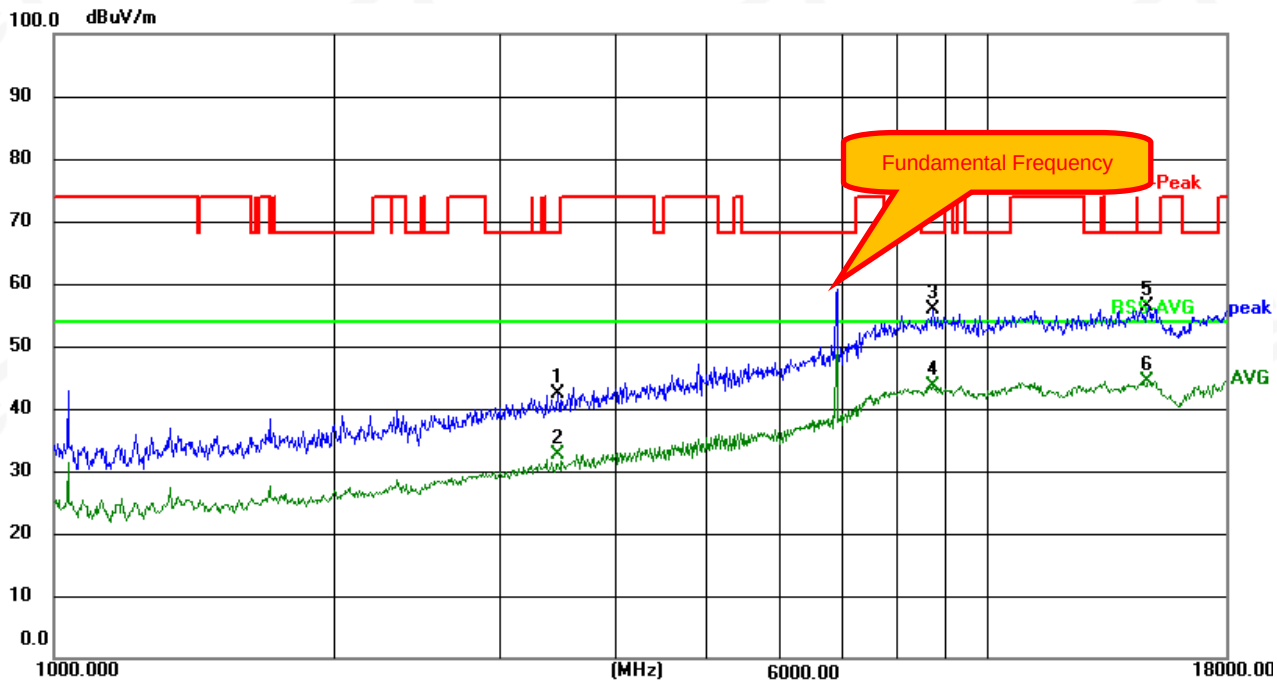
RSE-1G-18G-H
ax40 6925 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3366.778	64.06	-21.55	42.51	68.20	-25.69	peak
2	3366.778	53.37	-21.55	31.82	54.00	-22.18	AVG
3	8866.061	63.12	-7.53	55.59	68.20	-12.61	peak
4	8866.061	50.97	-7.53	43.44	54.00	-10.56	AVG
5	13135.536	61.72	-4.24	57.48	68.20	-10.72	peak
6 *	13135.536	49.14	-4.24	44.90	54.00	-9.10	AVG



RSE-1G-18G-V
ax40 6925 MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3465.510	63.48	-21.22	42.26	68.20	-25.94	peak
2	3465.510	53.83	-21.22	32.61	54.00	-21.39	AVG
3	8738.852	63.47	-7.55	55.92	68.20	-12.28	peak
4	8738.852	51.13	-7.55	43.58	54.00	-10.42	AVG
5	14873.888	58.70	-2.24	56.46	68.20	-11.74	peak
6 *	14873.888	46.67	-2.24	44.43	54.00	-9.57	AVG