



TEST REPORT

Application No.: SHEM1911018604CR
FCC ID: OU5B1X501
Applicant: GE Medical System Information Technologies, Inc.
Address of Applicant: 9900 Innovation Drive, Wauwatosa, WI 53226 USA
Manufacturer: GE Medical System Information Technologies, Inc.
Address of Manufacturer: 9900 Innovation Drive, Wauwatosa, WI 53226 USA
Factory: GE Medical Systems (China) Co., Ltd.
Address of Factory: No.19 Changjiang Road, Wuxi, Jiangsu, China
Equipment Under Test (EUT):
EUT Name: B1X5 Wi-Fi Module
Model No.: B1X5-01
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2019-11-06
Date of Test: 2020-01-15 to 2020-03-19
Date of Issue: 2020-05-20

Test Result:

Pass*

* In the configuration tested, the EUT complied with the standards specified above.

Parlan Zhan

Parlan Zhan
E&E Section Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.



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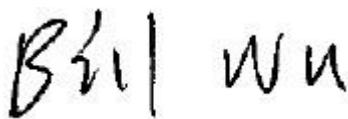
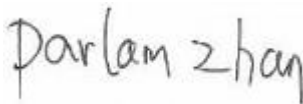
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
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Revision Record			
Version	Description	Date	Remark
00	Original	2020-05-20	/

Authorized for issue by:			
			
		Bill Wu / Project Engineer	
			
		Parlam Zhan / Reviewer	

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Customer Declaration

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Radiated Emissions	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart E 15.407	KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass

Remark: This C2PC only added New antenna, So we just fully retest RSE for this product, other test data reference to original module report SZEM180800762102.

Updated antenna as below:

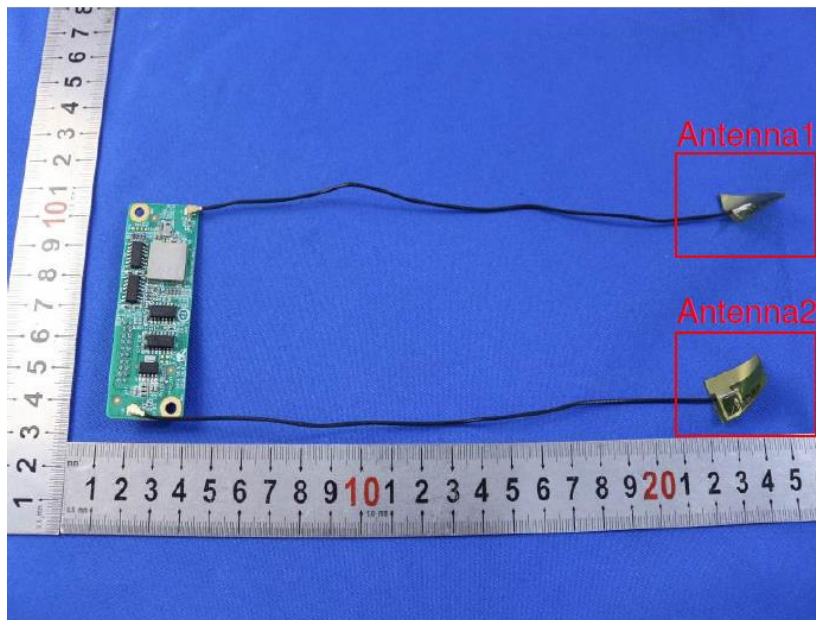
Original:

antenna gain 2.4GWiFi Antenna 1/Antenna 2: 2.2dBi

5GWiFi Antenna 1:4.5dBi

Antenna type PIFA Antenna

Antenna photo



New:

antenna gain

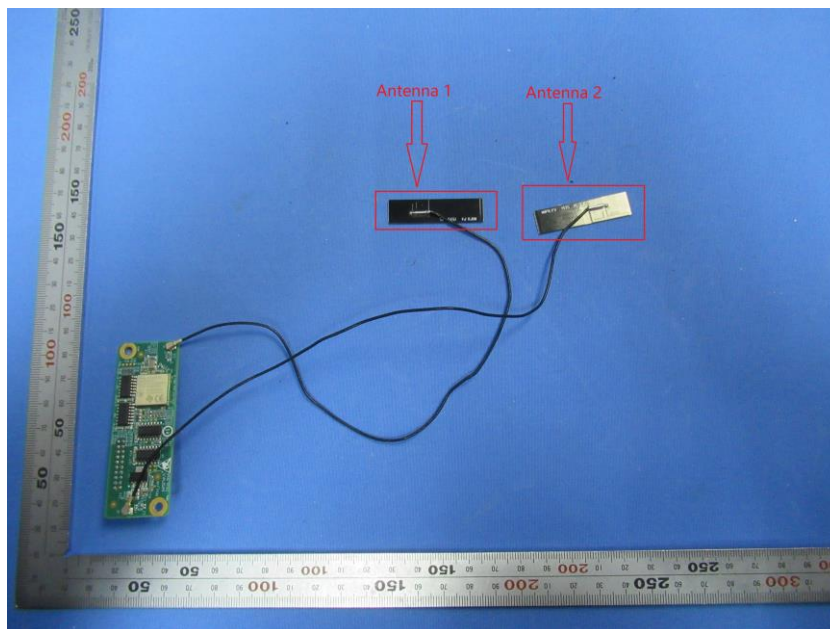
2.4GWiFi Antenna1/Antenna2:3.2dBi

5GWiFi Antenna 1:4.5dBi

Antenna type

FPC Antenna

Antenna photo





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4 General Information

4.1 Details of E.U.T.

Power supply: DC 5V from test board

Test voltage: DC 5V

Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	Band 1	802.11a/n(HT20)	5180-5240	4
		802.11n(HT40)	5190-5230	2
	Band 2A	802.11a/n(HT20)	5260-5320	4
		802.11n(HT40)	5270-5310	2
	Band 2C	802.11a/n(HT20)	5500-5700	11
		802.11n(HT40)	5510-5670	5
	Band 3	802.11a/n(HT20)	5745-5825	5
		802.11n(HT40)	5755-5795	2
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)			
Channel Spacing:	802.11a/n(HT20): 20MHz 802.11n(HT40): 40MHz			
Adaptive Type	Load Based & Responding & Supervised device			
Max Antenna Gain	Antenna 1:4.5dBi			
Antenna Type	FPC Antenna			
DFS Function	Slave without Radar detection			

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Main board	GE	/	/
Laptop	Lenovo	ThinkPad X100e	/

4.3 Power level setting using in test:

Band	802.11 a	802.11 n (HT20)	802.11 n (HT40)
NII 1	15	15	18
NII 2A	15	15	18
NII 2C	15	15	18
NII 3	15	15	18

4.4 Measurement Uncertainty

EMC

No.	Item	Measurement Uncertainty
1	Conducted Emission at mains port using AMN	±2.6dB (9kHz to 150kHz)
		±2.3dB (150kHz to 30MHz)
2	Conducted Emission at mains port using VP	±1.9 dB (9kHz to 30MHz)
3	Conducted Emission at telecommunication port using AAN	±4.1 dB (150kHz to 30MHz)
4	Radiated Power	±3.0dB
5	Radiated emission	±4.4dB (30MHz-1GHz)
		±4.8dB (1GHz-6GHz)
		±5.2dB (6GHz-18GHz)

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

RF

No.	Item	Measurement Uncertainty
1	Radio Frequency	±8.4 x 10 ⁻⁸
2	Timeout	±2s
3	Duty cycle	±0.37%
4	Occupied Bandwidth	±3%
5	RF conducted power	±0.6dB
6	RF power density	±2.84dB
7	Conducted Spurious emissions	±0.75dB
8	RF Radiated power	±4.6dB (Below 1GHz)
		±4.1dB (Above 1GHz)
9	Radiated Spurious emission test	±4.2dB (Below 30MHz)
		±4.4dB (30MHz-1GHz)
		±4.8dB (1GHz-18GHz)
		±5.2dB (Above 18GHz)
10	Temperature test	±1°C
11	Humidity test	±3%
12	Supply voltages	±1.5%
13	Time	±3%

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. E&E Lab

588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

Tel: +86 21 6191 5666

Fax: +86 21 6191 5678

No tests were sub-contracted.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **CNAS (No. CNAS L0599)**

CNAS has accredited SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **NVLAP (LAB CODE: 201034-0)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

- **FCC (Designation Number: CN5033)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been recognized as an accredited testing laboratory.

- **ISED (CAB Identifier: CN0020)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. EMC Laboratory has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

- **VCCI (Member No.: 3061)**

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-13868, C-14336, T-12221, G-10830 respectively.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
RF Conducted Test					
Spectrum Analyzer	R&S	FSP-30	SHEM002-1	2019-12-20	2020-12-19
Spectrum Analyzer	Agilent	N9020A	SHEM181-1	2019-08-13	2020-08-12
Signal Generator	R&S	SMR20	SHEM006-1	2019-08-13	2020-08-12
Signal Generator	Agilent	N5182A	SHEM182-1	2019-08-13	2020-08-12
Communication Tester	R&S	CMW270	SHEM183-1	2019-08-13	2020-08-12
Switcher	Tonscend	JS0806	SHEM184-1	2019-08-13	2020-08-12
Power Sensor	Keysight	U2021XA * 4	SHEM184-1	2019-08-13	2020-08-12
Splitter	Anritsu	MA1612A	SHEM185-1	/	/
Coupler	e-meca	803-S-1	SHEM186-1	/	/
High-low Temp Cabinet	Suzhou Zhihe	TL-40	SHEM087-1	2017-09-25	2020-09-24
AC Power Stabilizer	APC	KDF-31020T-V0-F0	SHEM216-1	2019-12-20	2020-12-19
DC Power Supply	MCH	MCH-303A	SHEM210-1	2019-12-20	2020-12-19
Conducted test Cable	/	RF01~RF04	/	2019-12-20	2020-12-19
RF Radiated Test					
EMI test Receiver	R&S	ESU40	SHEM051-1	2019-12-20	2020-12-19
Spectrum Analyzer	R&S	FSP-30	SHEM002-1	2019-12-20	2020-12-19
Loop Antenna (9kHz-30MHz)	Schwarzbeck	FMZB1519	SHEM135-1	2019-12-20	2020-12-19
Antenna (25MHz-2GHz)	Schwarzbeck	VULB9168	SHEM048-1	2019-10-14	2021-10-13
Antenna (25MHz-2GHz)	Schwarzbeck	VULB9168	SHEM202-1	2019-04-30	2021-04-29
Horn Antenna (1-18GHz)	Schwarzbeck	HF906	SHEM009-1	2017-10-24	2020-10-23
Horn Antenna (1-18GHz)	Schwarzbeck	BBHA9120D	SHEM050-1	2019-10-14	2021-10-13
Horn Antenna (14-40GHz)	Schwarzbeck	BBHA 9170	SHEM049-1	2017-10-31	2020-10-30
Pre-amplifier (9kHz-2GHz)	CLAVIO	BDLNA-0001	SHEM164-1	2019-08-13	2020-08-12
Pre-amplifier (1-18GHz)	CLAVIO	BDLNA-0118	SHEM050-2	2019-08-13	2020-08-12
High-amplifier (14-40GHz)	Schwarzbeck	10001	SHEM049-2	2019-12-20	2020-12-19
Signal Generator	R&S	SMR40	SHEM058-1	2019-08-13	2020-08-12
Band Filter	LORCH	9BRX-875/X150	SHEM156-1	/	/
Band Filter	LORCH	13BRX-1950/X500	SHEM083-2	/	/
Band Filter	LORCH	5BRX-2400/X200	SHEM155-1	/	/
Band Filter	LORCH	5BRX-5500/X1000	SHEM157-2	/	/
High pass Filter	Wainwright	WHK3.0/18G	SHEM157-1	/	/
High pass Filter	Wainwright	WHKS1700	SHEM157-3	/	/
Semi/Fully Anechoic	ST	11*6*6M	SHEM078-2	2017-07-22	2020-07-21
RE test Cable	/	RE01, RE02, RE06	/	2019-12-20	2020-12-19

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

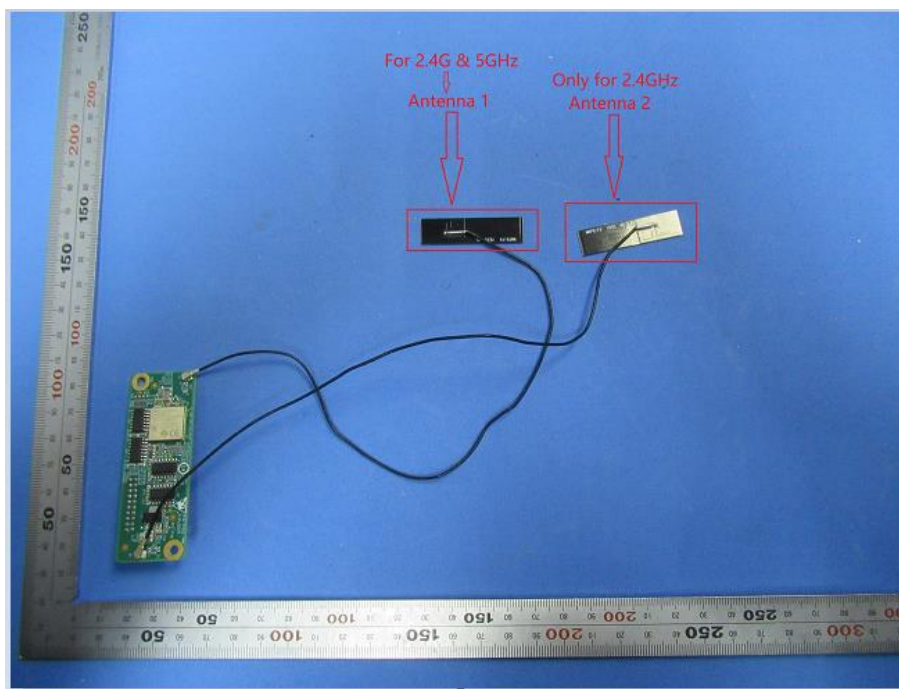
6.1.2 Conclusion

Standard Requirement:

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. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is FPC antenna and no consideration of replacement. The best case gain of the antenna1 is 4.5dBi..



7 Radio Spectrum Matter Test Results

7.1 Radiated Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

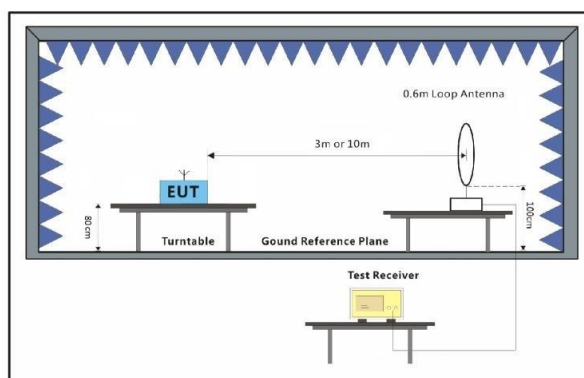
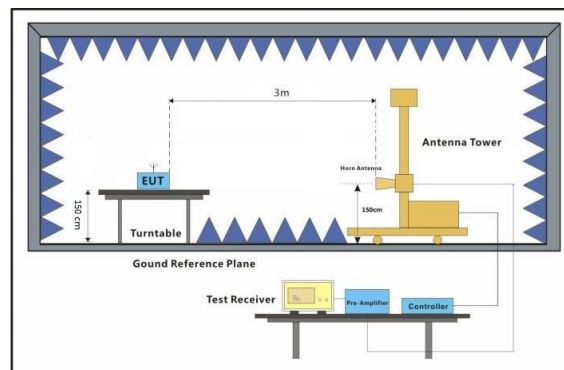
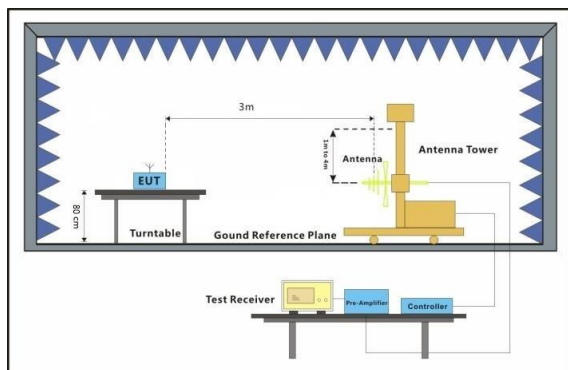
Test mode: a:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

b:TX mode (Band 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

c:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

d:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

7.1.2 Test Setup Diagram



7.1.3 Measurement Procedure and Data

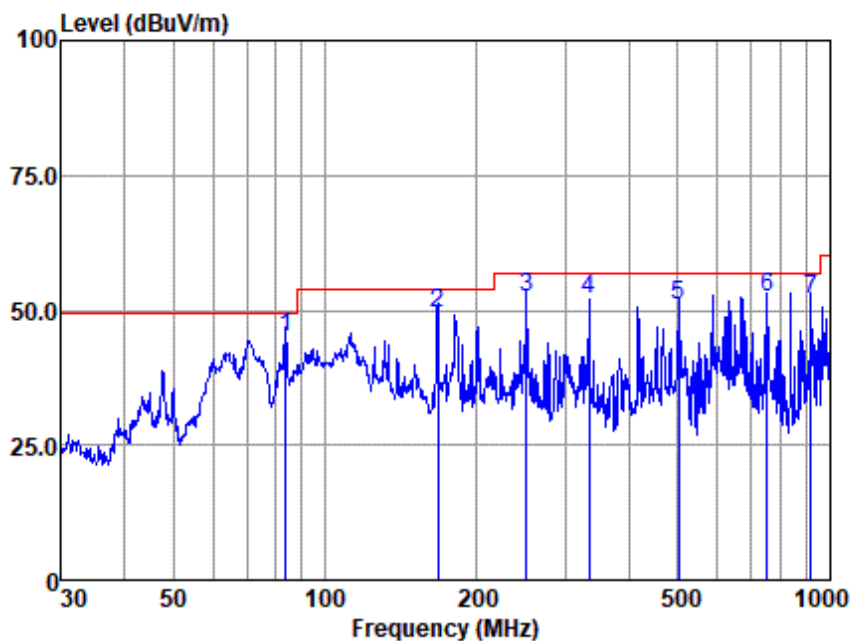
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark:

1. $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 40GHz, the disturbance above 18GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
4. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Below 1GHz:

Polarization:Horizontal

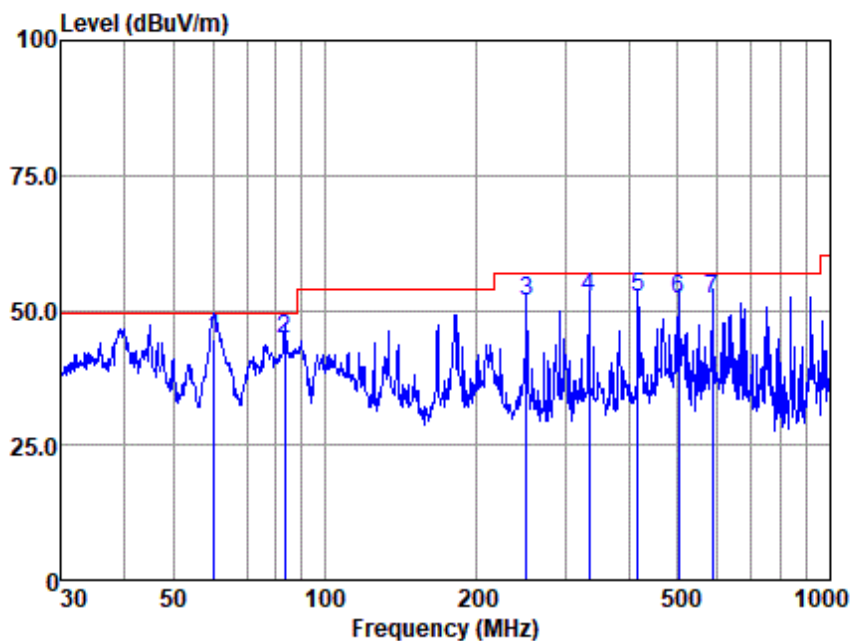


Antenna Polarity :HORIZONTAL

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	83.522	77.31	8.65	1.24	42.28	44.92	49.50	-4.58	QP
2	167.237	76.82	12.91	1.83	42.21	49.35	54.00	-4.65	QP
3	250.301	80.73	11.70	2.21	42.10	52.54	56.90	-4.36	QP
4	333.687	77.44	14.11	2.50	41.99	52.06	56.90	-4.84	QP
5	501.179	72.16	17.72	2.90	41.69	51.09	56.90	-5.81	QP
6	752.743	68.52	22.11	3.59	41.99	52.23	56.90	-4.67	QP
7	919.287	66.16	23.64	3.96	41.55	52.21	56.90	-4.69	QP

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Polarization:Vertical



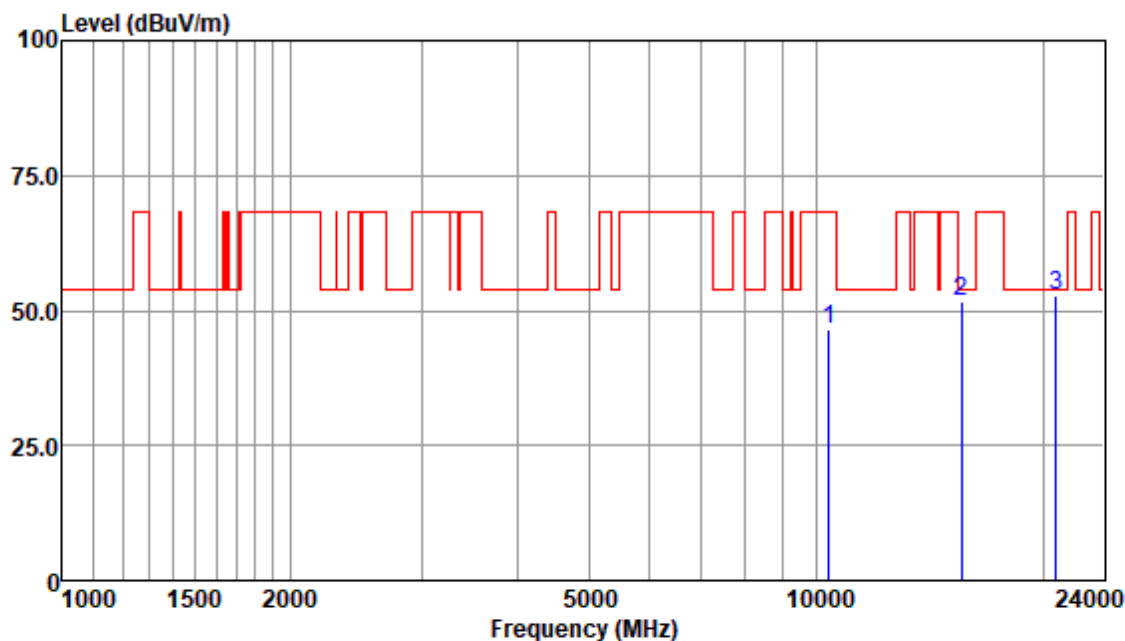
Antenna Polarity :VERTICAL

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	60.280	72.66	13.07	1.11	42.33	44.51	49.50	-4.99	QP
2	83.230	76.94	8.70	1.24	42.28	44.60	49.50	-4.90	QP
3	250.301	79.94	11.70	2.21	42.10	51.75	56.90	-5.15	QP
4	333.687	77.95	14.11	2.50	41.99	52.57	56.90	-4.33	QP
5	417.641	75.47	16.06	2.73	41.86	52.40	56.90	-4.50	QP
6	501.179	72.94	17.72	2.90	41.69	51.87	56.90	-5.03	QP
7	584.790	71.27	19.22	3.16	41.67	51.98	56.90	-4.92	QP

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Above 1GHz

Mode:a; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low

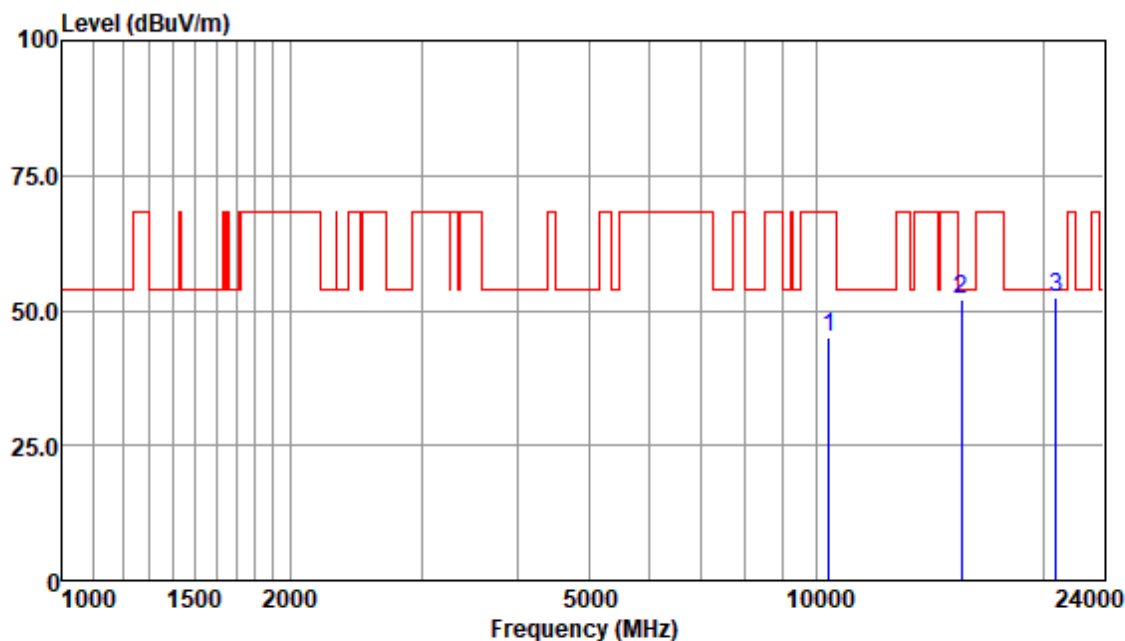


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
10360.00	39.28	34.93	6.53	34.40	46.34	68.20	-21.86	Peak
15540.00	40.99	37.43	9.99	36.78	51.63	54.00	-2.37	Peak
20720.00	33.68	43.41	11.90	36.05	52.94	54.00	-1.06	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:a; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low

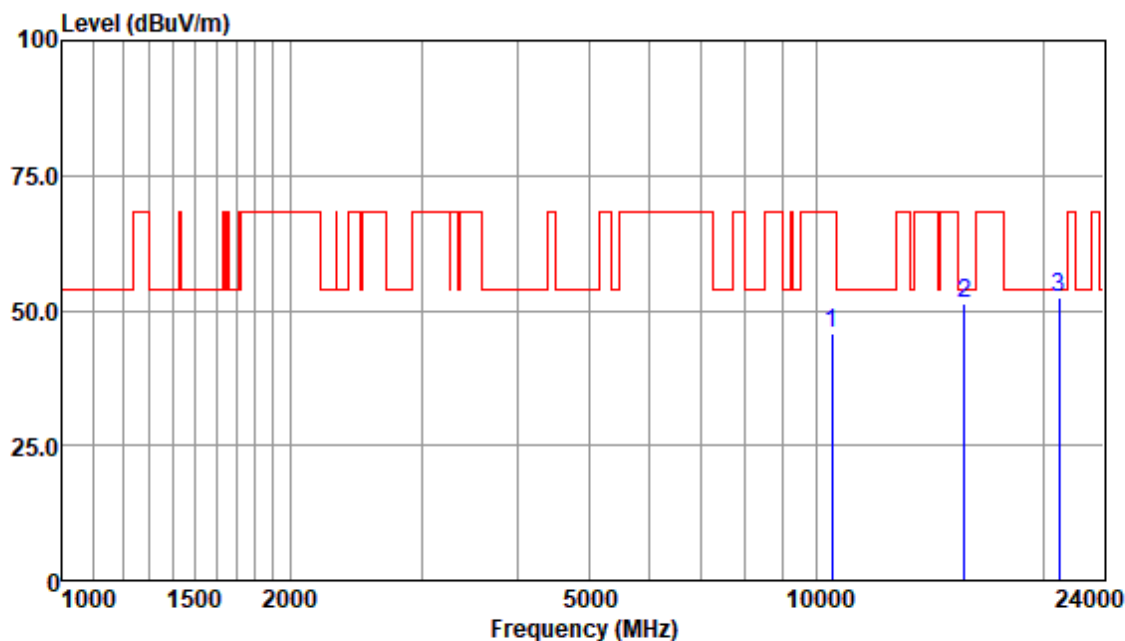


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10360.00	37.85	34.93	6.53	34.40	44.91	68.20	-23.29	Peak
15540.00	41.29	37.43	9.99	36.78	51.93	54.00	-2.07	Peak
20720.00	33.06	43.41	11.90	36.05	52.32	54.00	-1.68	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle

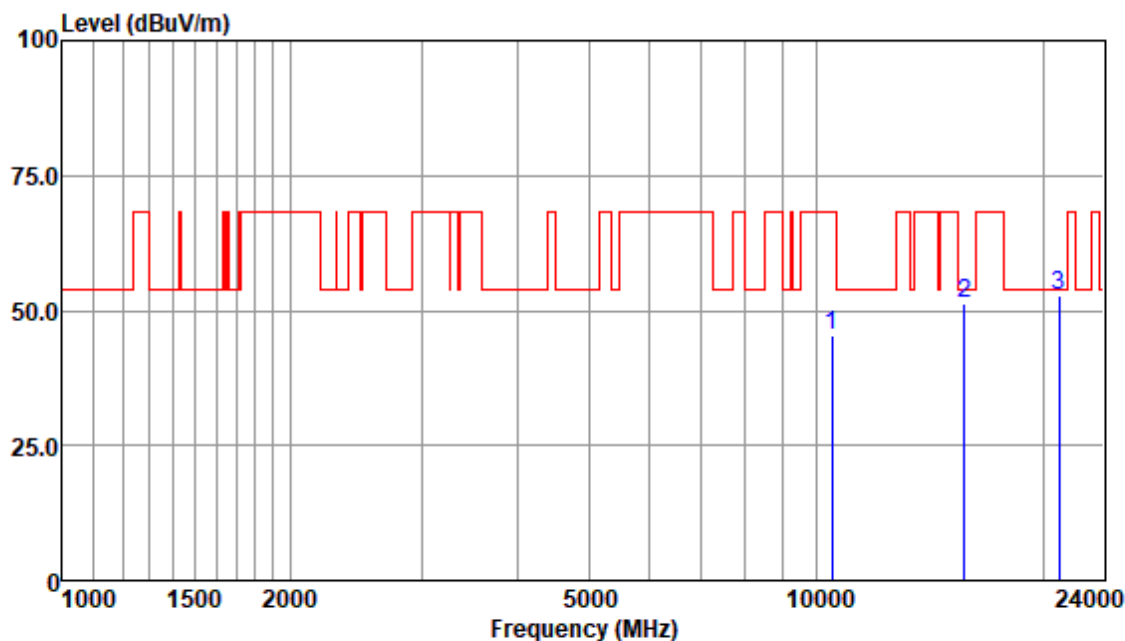


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10440.00	38.70	34.92	6.56	34.46	45.72	68.20	-22.48	Peak
15660.00	40.29	37.51	10.11	36.63	51.28	54.00	-2.72	Peak
20880.00	33.02	43.48	11.97	36.05	52.42	54.00	-1.58	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle

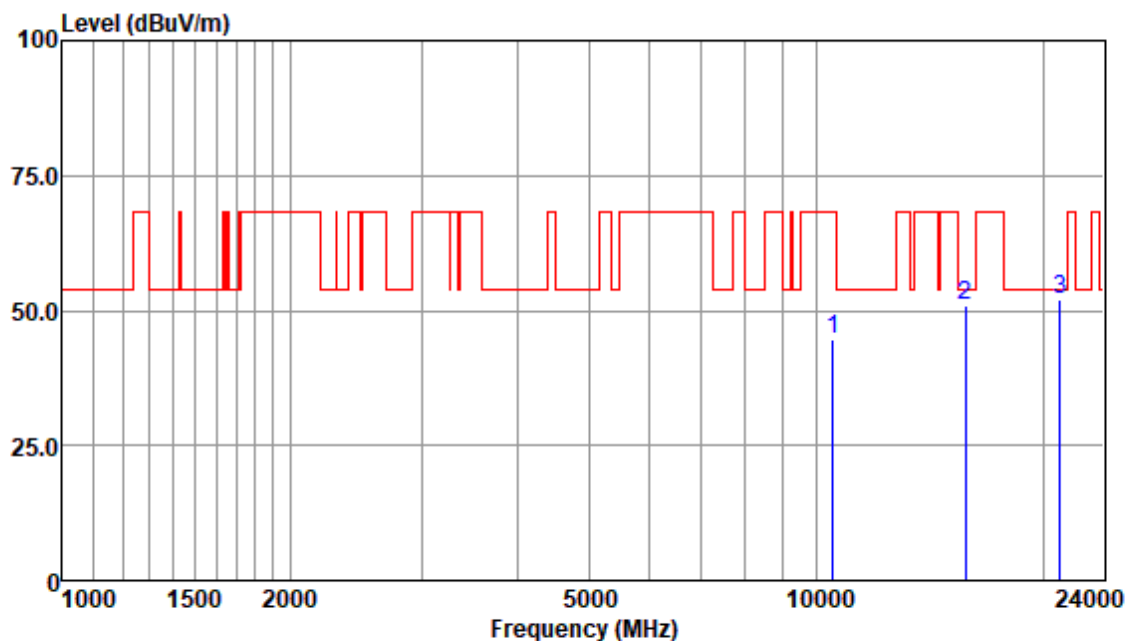


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10440.00	38.20	34.92	6.56	34.46	45.22	68.20	-22.98	Peak
15660.00	40.25	37.51	10.11	36.63	51.24	54.00	-2.76	Peak
20880.00	33.27	43.48	11.97	36.05	52.67	54.00	-1.33	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High

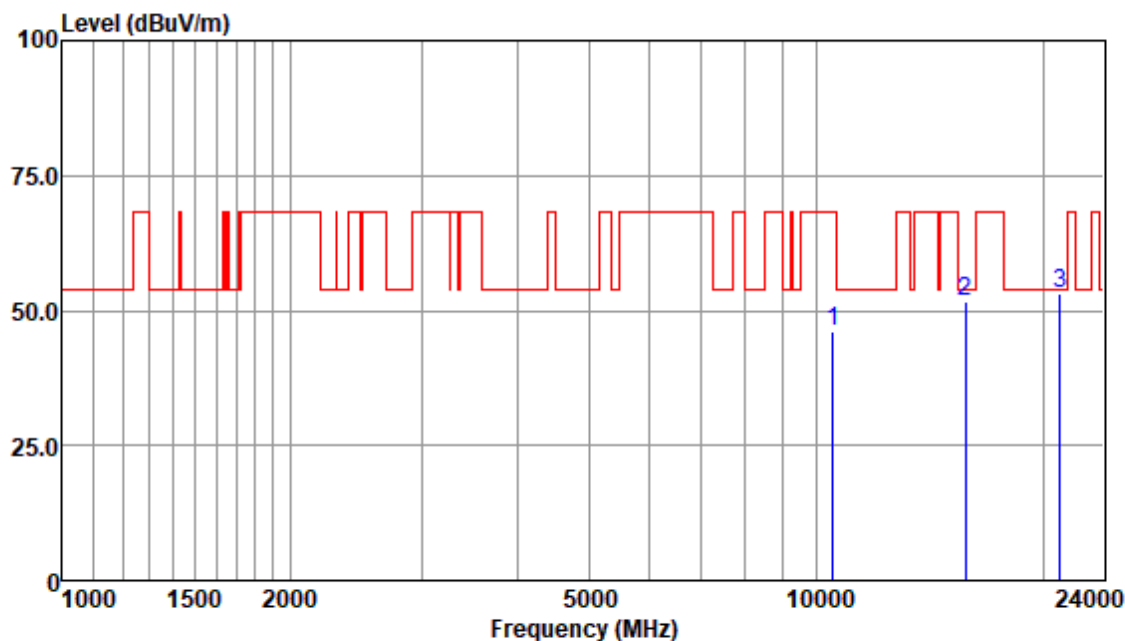


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10480.00	37.43	34.95	6.58	34.48	44.48	68.20	-23.72	Peak
15720.00	40.12	37.54	9.80	36.58	50.88	54.00	-3.12	Peak
20960.00	32.63	43.52	12.00	36.06	52.09	54.00	-1.91	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High

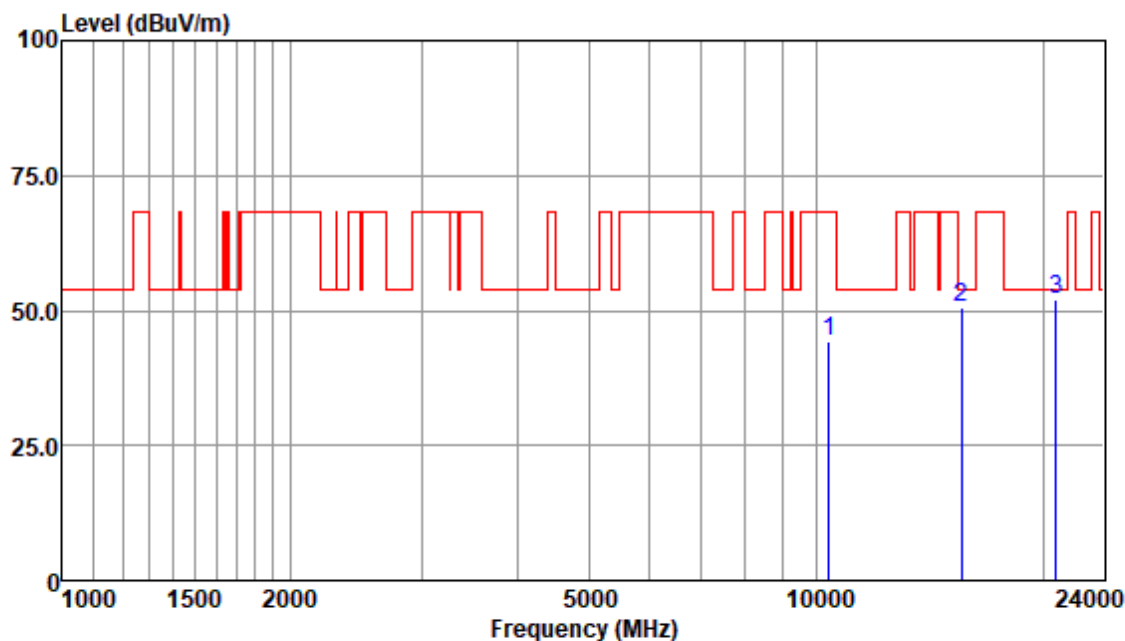


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10480.00	38.92	34.95	6.58	34.48	45.97	68.20	-22.23	Peak
15720.00	40.84	37.54	9.80	36.58	51.60	54.00	-2.40	Peak
20960.00	33.77	43.52	12.00	36.06	53.23	54.00	-0.77	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low

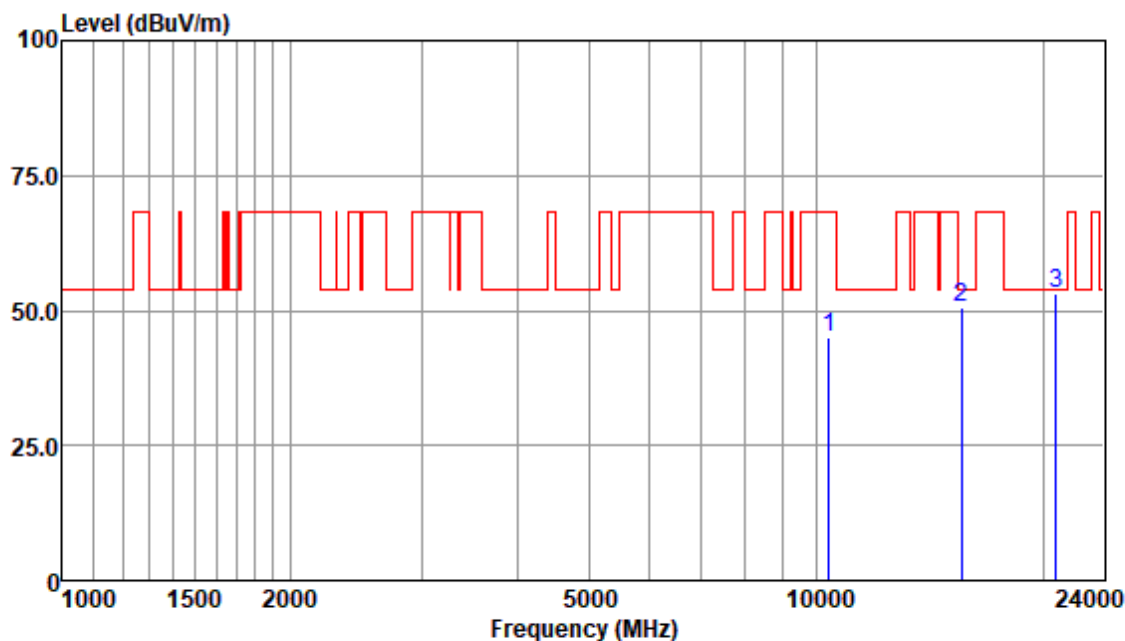


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10360.00	37.25	34.93	6.53	34.40	44.31	68.20	-23.89	Peak
15540.00	39.93	37.43	9.99	36.78	50.57	54.00	-3.43	Peak
20720.00	32.67	43.41	11.90	36.05	51.93	54.00	-2.07	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low

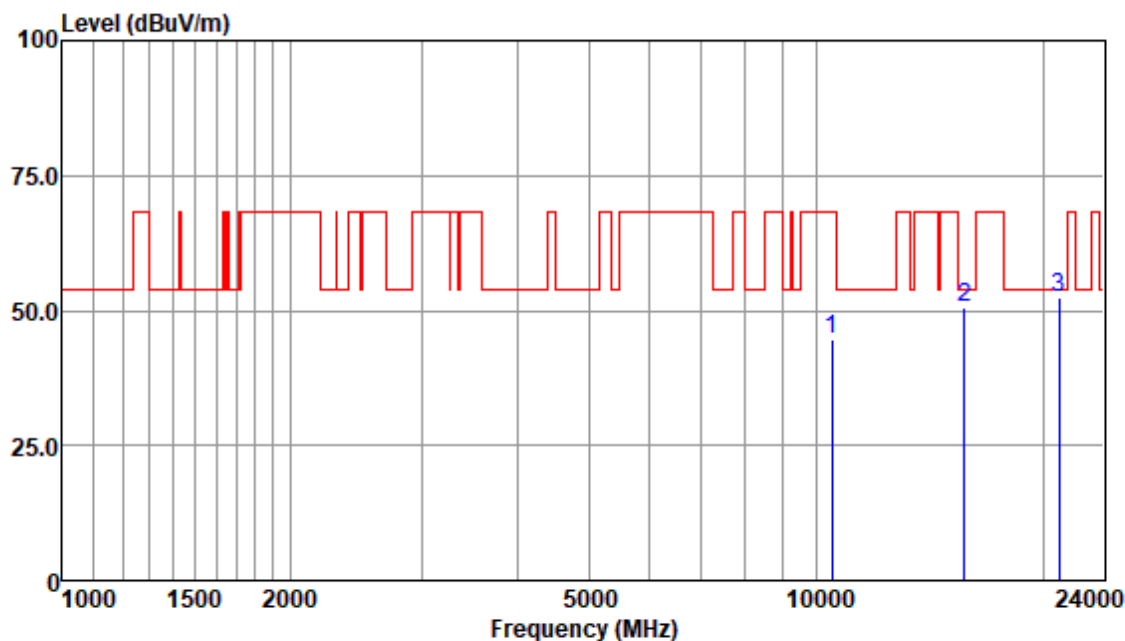


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10360.00	37.99	34.93	6.53	34.40	45.05	68.20	-23.15	Peak
15540.00	39.74	37.43	9.99	36.78	50.38	54.00	-3.62	Peak
20720.00	33.69	43.41	11.90	36.05	52.95	54.00	-1.05	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle

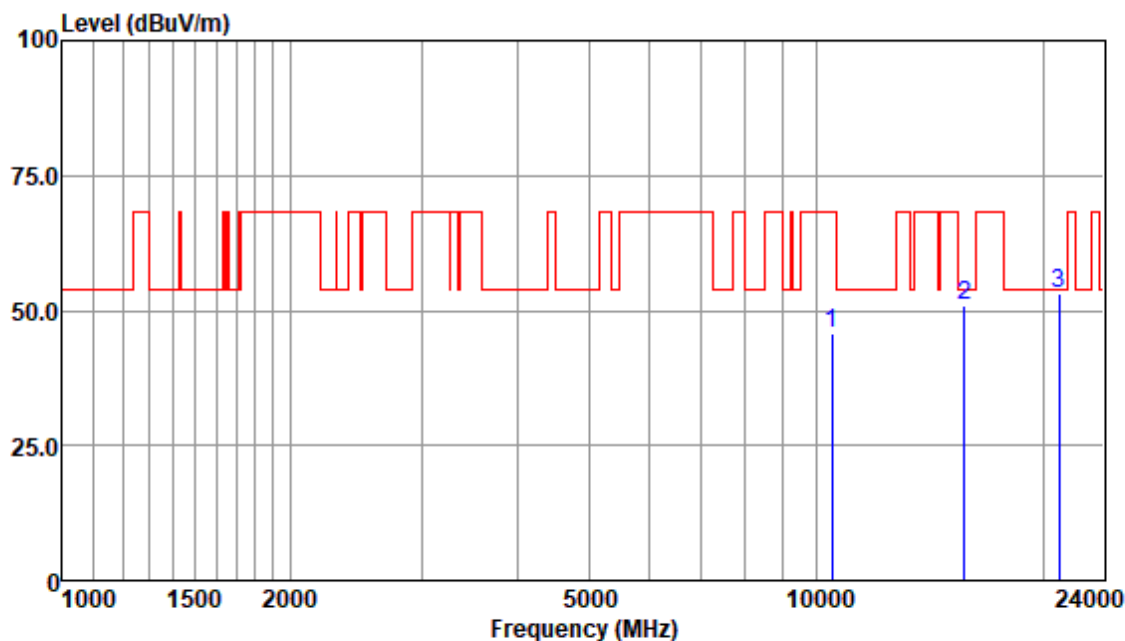


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10440.00	37.63	34.92	6.56	34.46	44.65	68.20	-23.55	Peak
15660.00	39.72	37.51	10.11	36.63	50.71	54.00	-3.29	Peak
20880.00	33.12	43.48	11.97	36.05	52.52	54.00	-1.48	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle

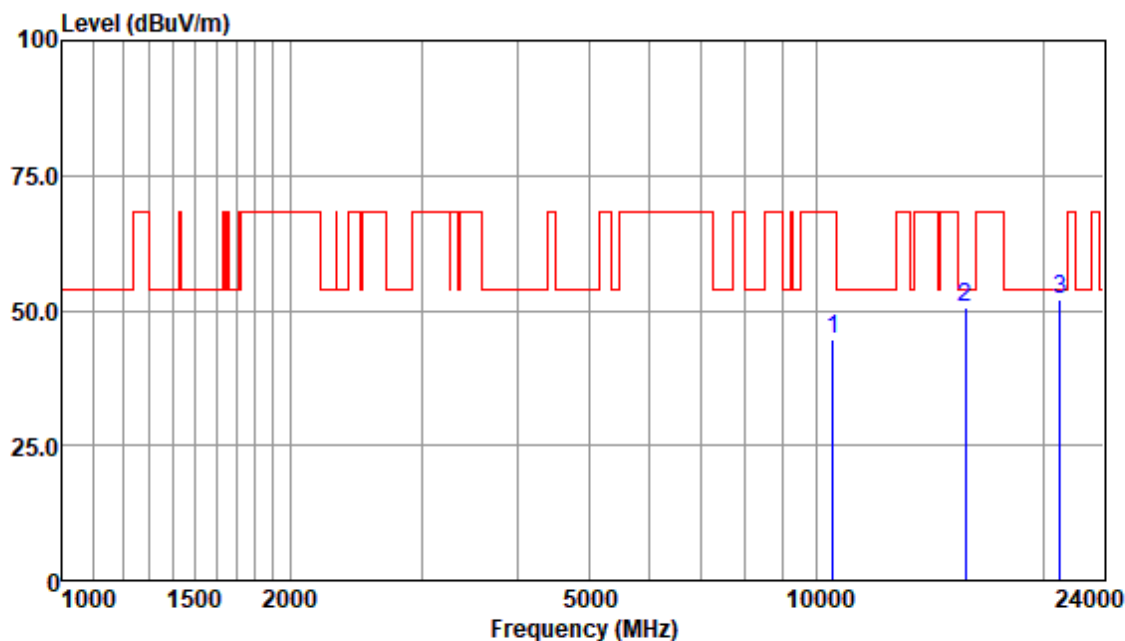


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10440.00	38.89	34.92	6.56	34.46	45.91	68.20	-22.29	Peak
15660.00	39.82	37.51	10.11	36.63	50.81	54.00	-3.19	Peak
20880.00	33.79	43.48	11.97	36.05	53.19	54.00	-0.81	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

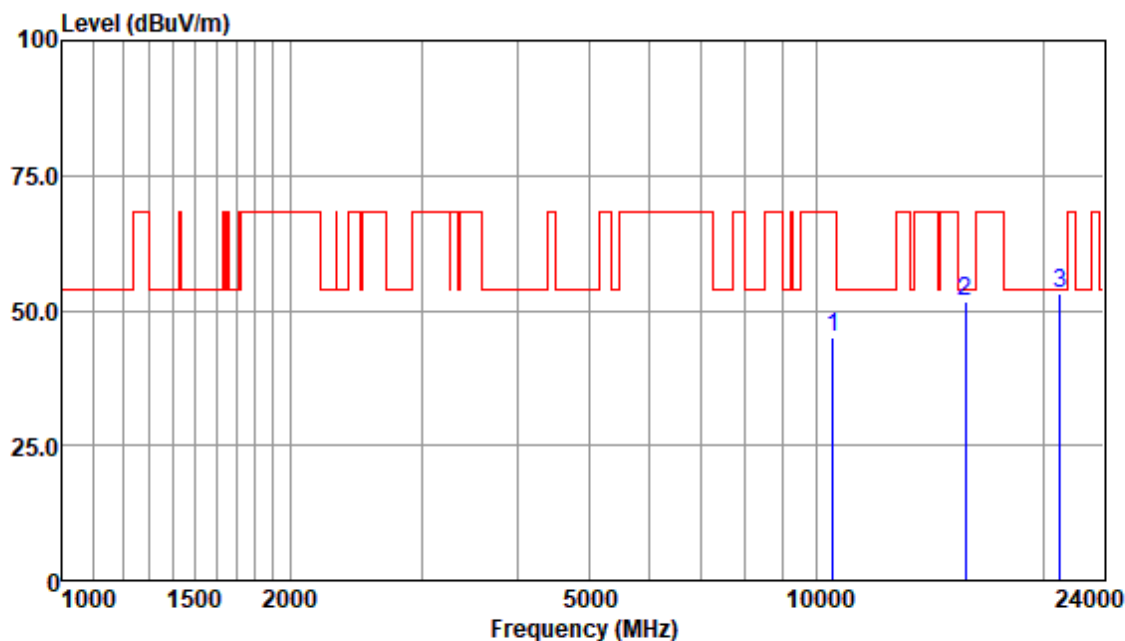


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10480.00	37.68	34.95	6.58	34.48	44.73	68.20	-23.47	Peak
15720.00	39.94	37.54	9.80	36.58	50.70	54.00	-3.30	Peak
20960.00	32.66	43.52	12.00	36.06	52.12	54.00	-1.88	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

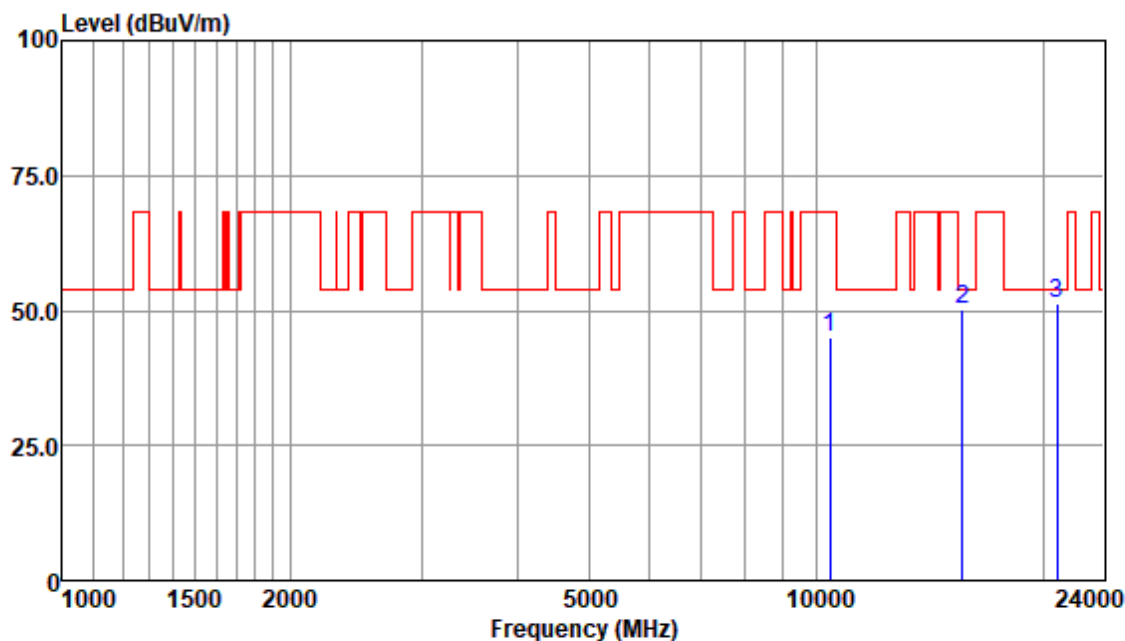


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
10480.00	38.08	34.95	6.58	34.48	45.13	68.20	-23.07	Peak
15720.00	40.95	37.54	9.80	36.58	51.71	54.00	-2.29	Peak
20960.00	33.61	43.52	12.00	36.06	53.07	54.00	-0.93	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

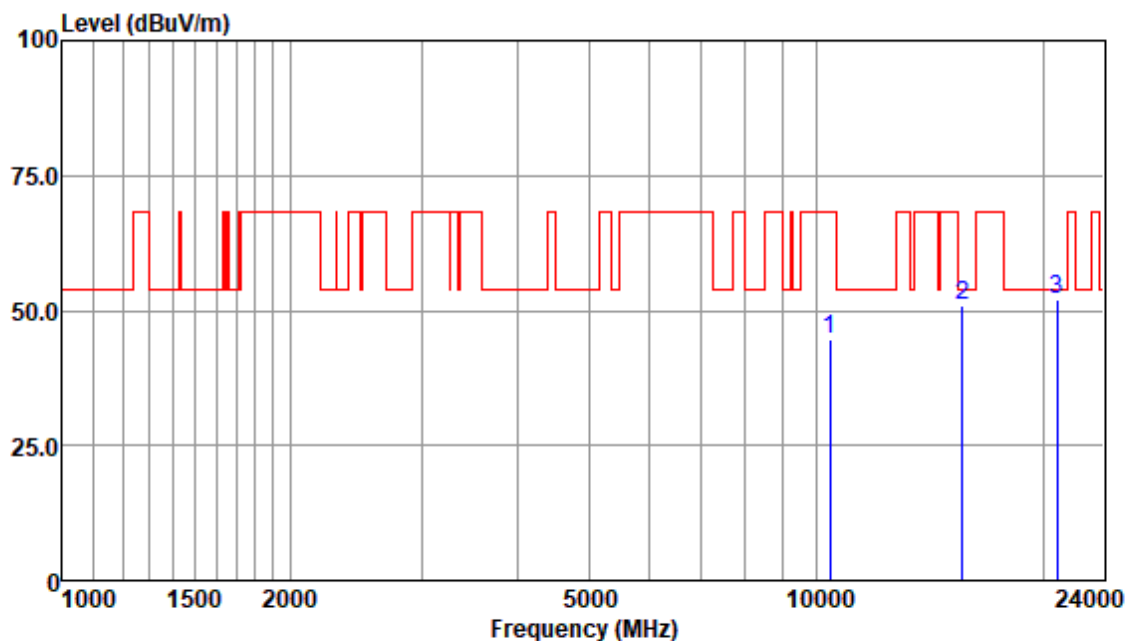


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10380.00	38.05	34.93	6.53	34.40	45.11	68.20	-23.09	Peak
15570.00	39.32	37.45	10.03	36.73	50.07	54.00	-3.93	Peak
20760.00	32.08	43.41	11.90	36.05	51.34	54.00	-2.66	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

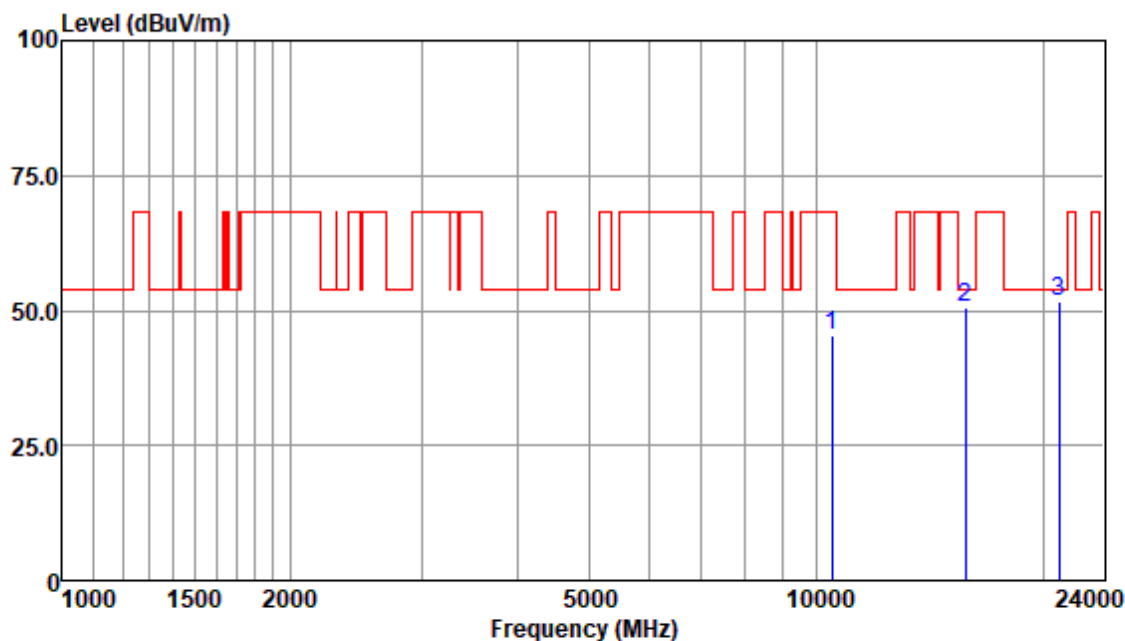


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
10380.00	37.60	34.93	6.53	34.40	44.66	68.20	-23.54	Peak
15570.00	40.13	37.45	10.03	36.73	50.88	54.00	-3.12	Peak
20760.00	32.77	43.41	11.90	36.05	52.03	54.00	-1.97	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

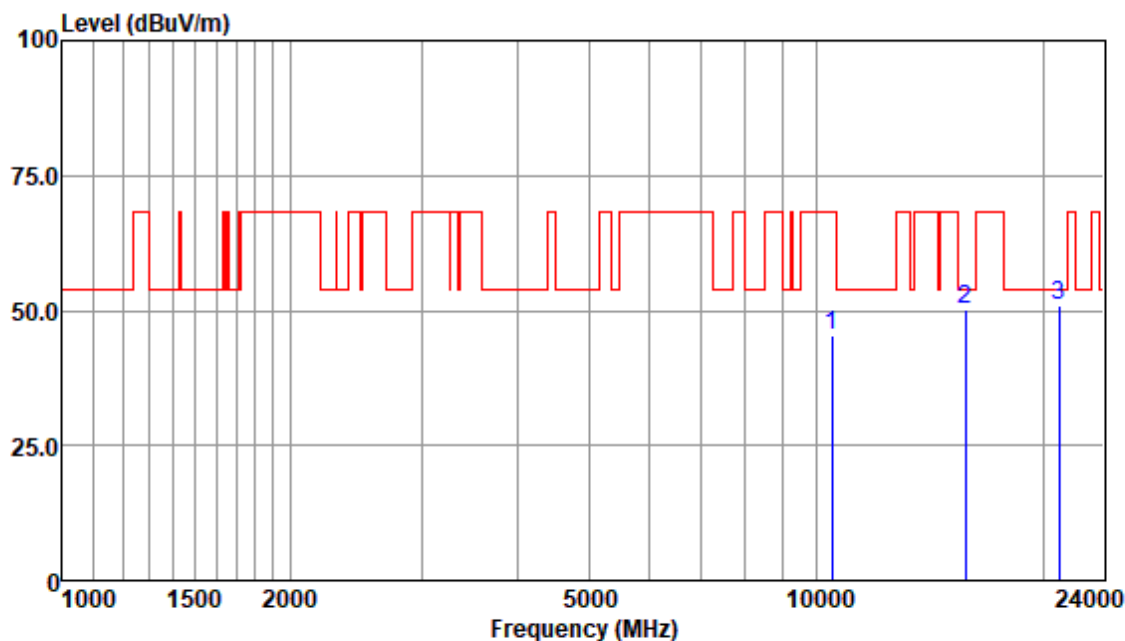


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10460.00	38.22	34.95	6.58	34.48	45.27	68.20	-22.93	Peak
15690.00	39.48	37.51	10.11	36.63	50.47	54.00	-3.53	Peak
20920.00	32.04	43.52	12.00	36.06	51.50	54.00	-2.50	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High

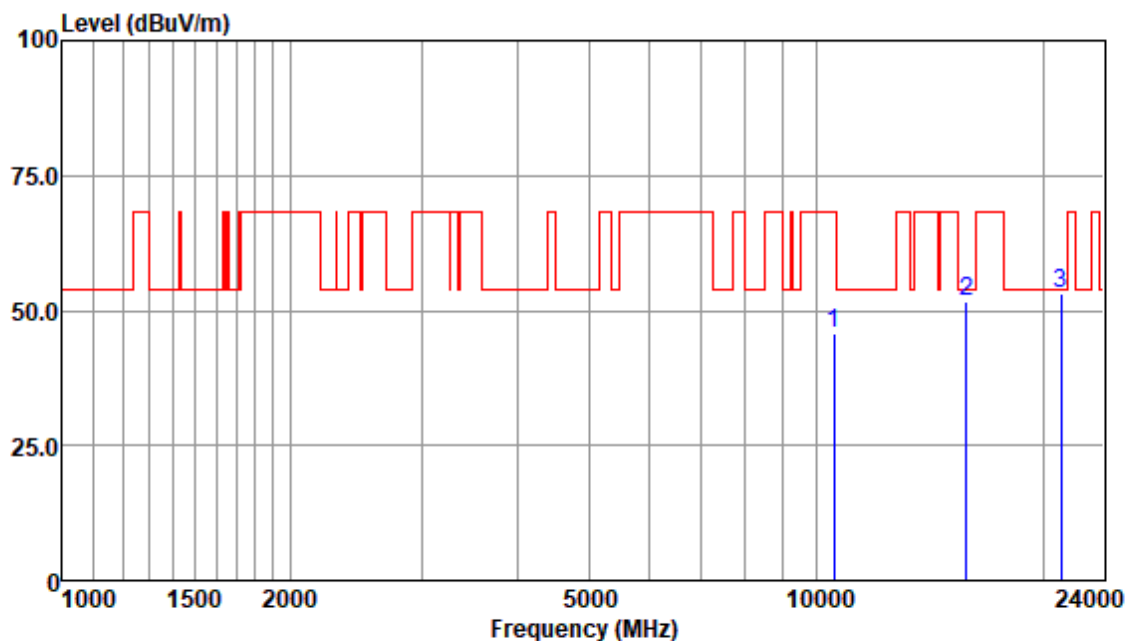


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10460.00	38.41	34.95	6.58	34.48	45.46	68.20	-22.74	Peak
15690.00	39.33	37.51	10.11	36.63	50.32	54.00	-3.68	Peak
20920.00	31.56	43.52	12.00	36.06	51.02	54.00	-2.98	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low

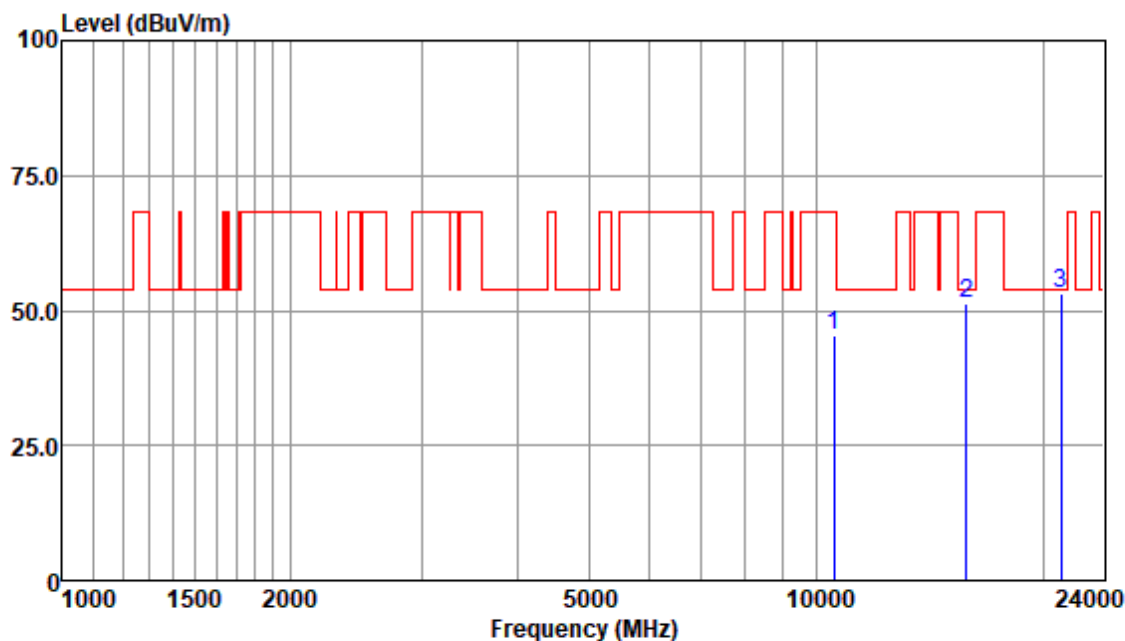


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10520.00	38.56	34.98	6.60	34.51	45.63	68.20	-22.57	Peak
15780.00	41.11	37.56	9.48	36.55	51.60	54.00	-2.40	Peak
21040.00	33.51	43.58	12.07	36.06	53.10	54.00	-0.90	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low

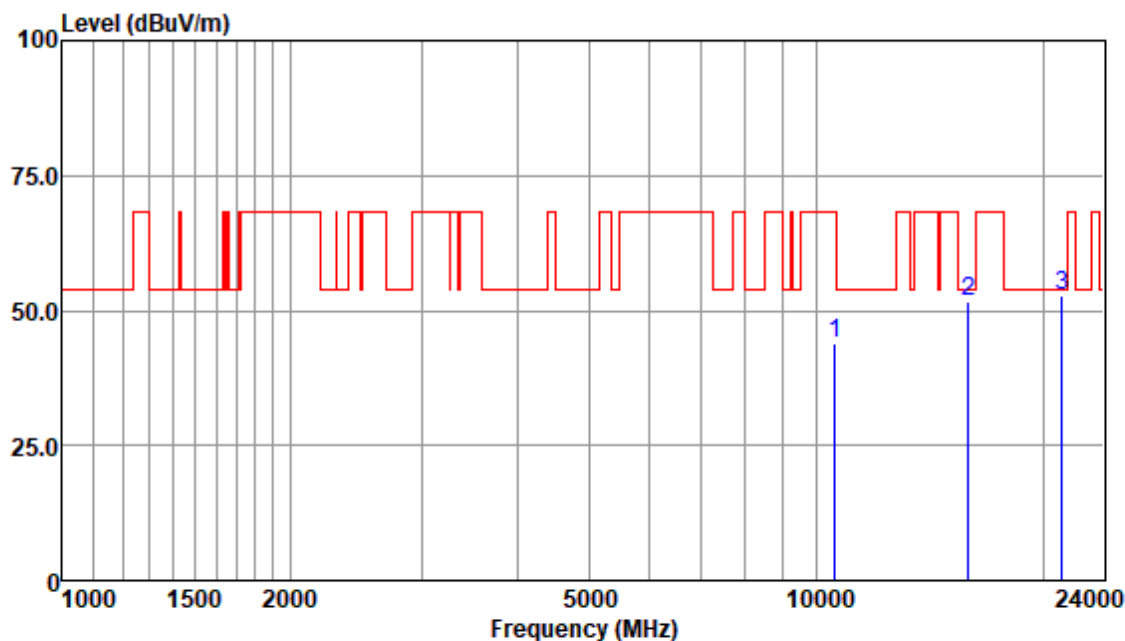


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
10520.00	38.30	34.98	6.60	34.51	45.37	68.20	-22.83	Peak
15780.00	40.83	37.56	9.48	36.55	51.32	54.00	-2.68	Peak
21040.00	33.42	43.58	12.07	36.06	53.01	54.00	-0.99	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle

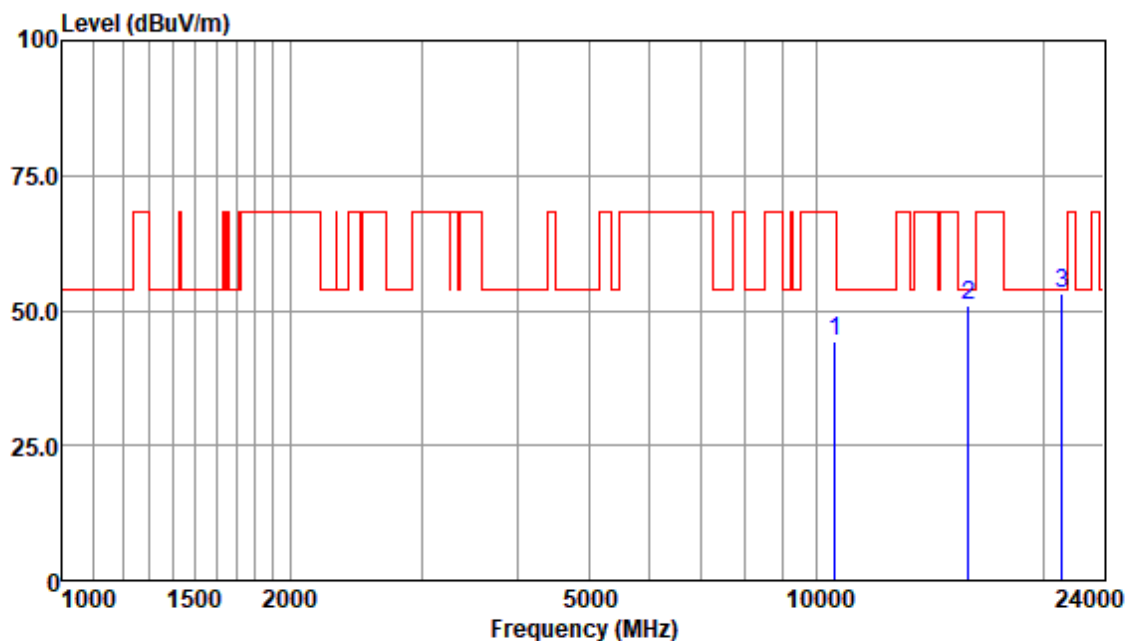


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10560.00	36.91	35.04	6.64	34.56	44.03	68.20	-24.17	Peak
15840.00	41.45	37.61	9.16	36.51	51.71	54.00	-2.29	Peak
21120.00	33.03	43.62	12.11	36.07	52.69	54.00	-1.31	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle

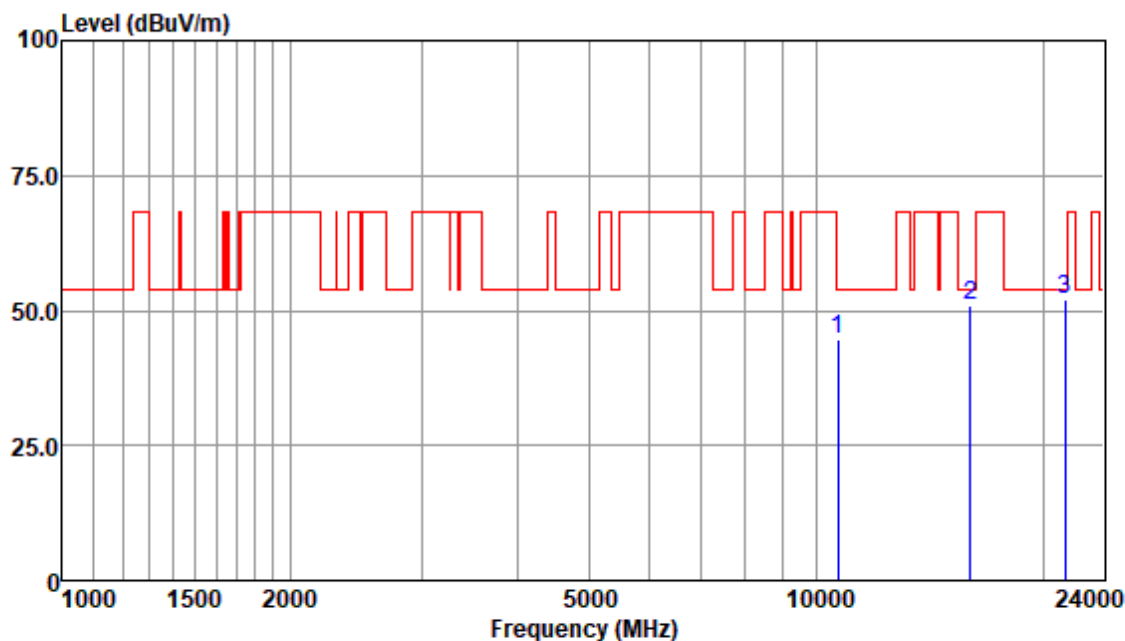


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10560.00	37.07	35.04	6.64	34.56	44.19	68.20	-24.01	Peak
15840.00	40.63	37.61	9.16	36.51	50.89	54.00	-3.11	Peak
21120.00	33.36	43.62	12.11	36.07	53.02	54.00	-0.98	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High

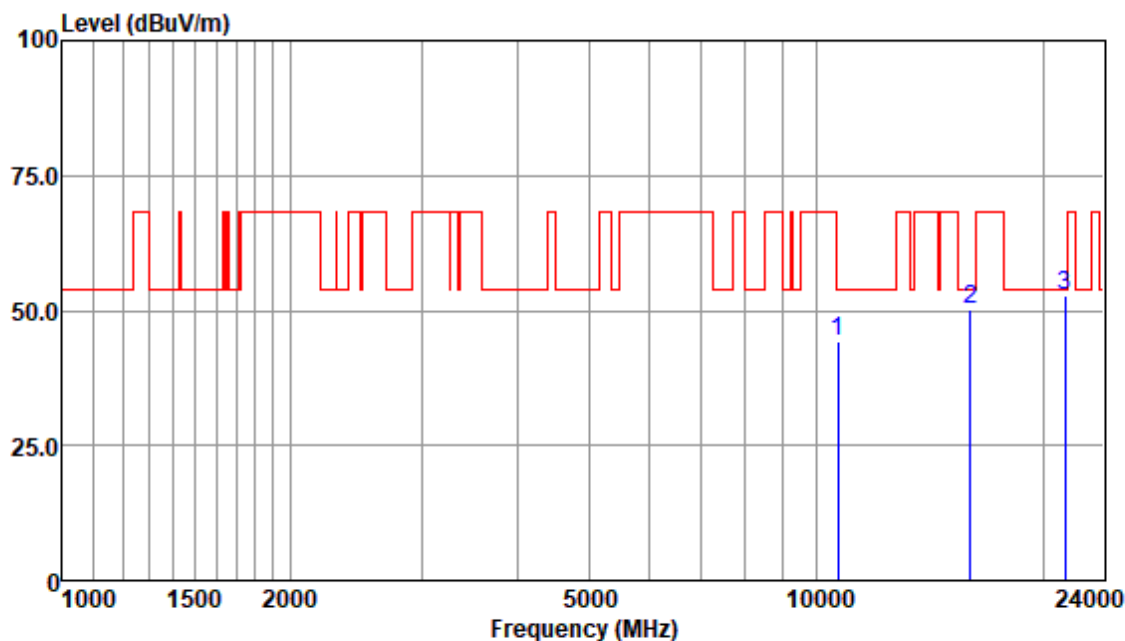


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10640.00	37.43	35.10	6.68	34.61	44.60	54.00	-9.40	Peak
15960.00	40.89	37.74	8.60	36.42	50.81	54.00	-3.19	Peak
21280.00	32.07	43.69	12.18	36.07	51.87	54.00	-2.13	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High

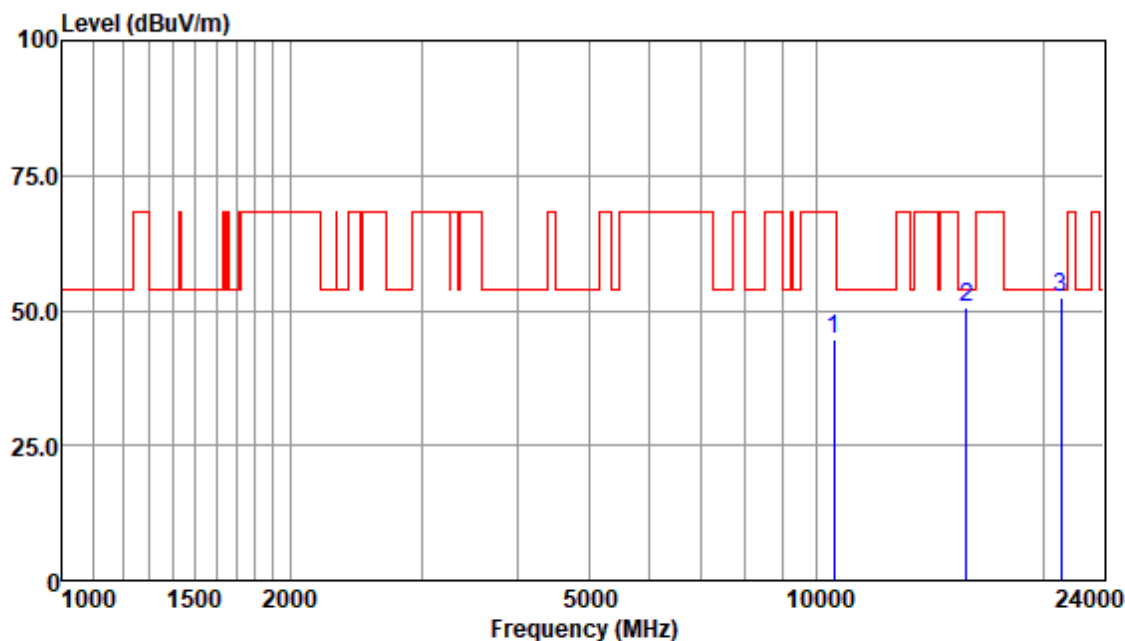


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10640.00	37.26	35.10	6.68	34.61	44.43	54.00	-9.57	Peak
15960.00	40.19	37.74	8.60	36.42	50.11	54.00	-3.89	Peak
21280.00	33.13	43.69	12.18	36.07	52.93	54.00	-1.07	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low

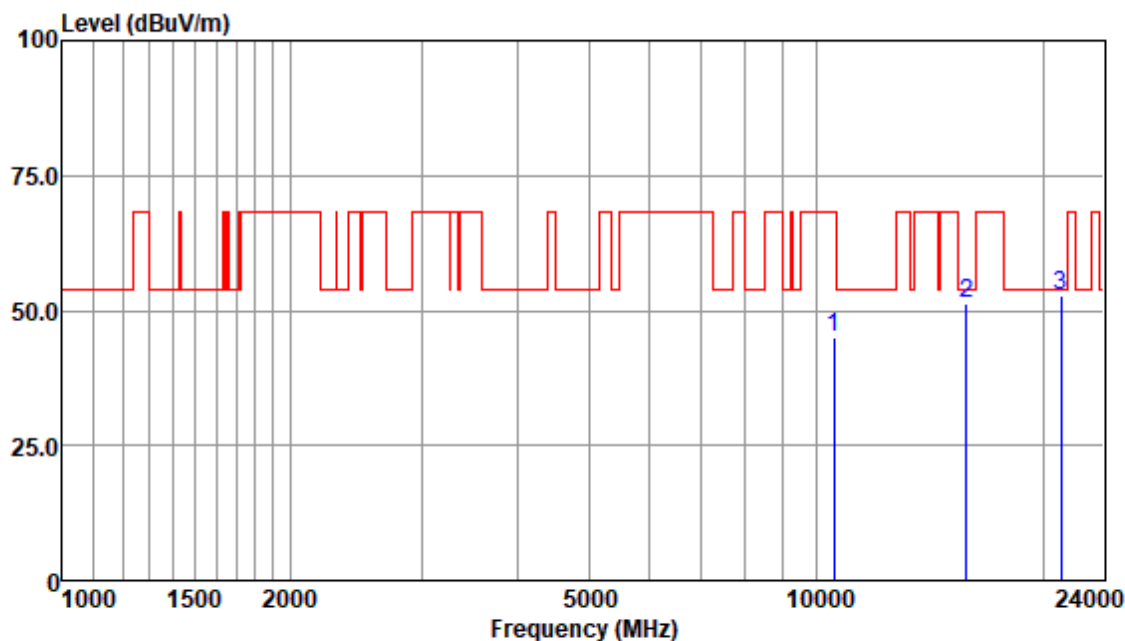


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10520.00	37.51	34.98	6.60	34.51	44.58	68.20	-23.62	Peak
15780.00	39.97	37.56	9.48	36.55	50.46	54.00	-3.54	Peak
21040.00	32.85	43.58	12.07	36.06	52.44	54.00	-1.56	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low

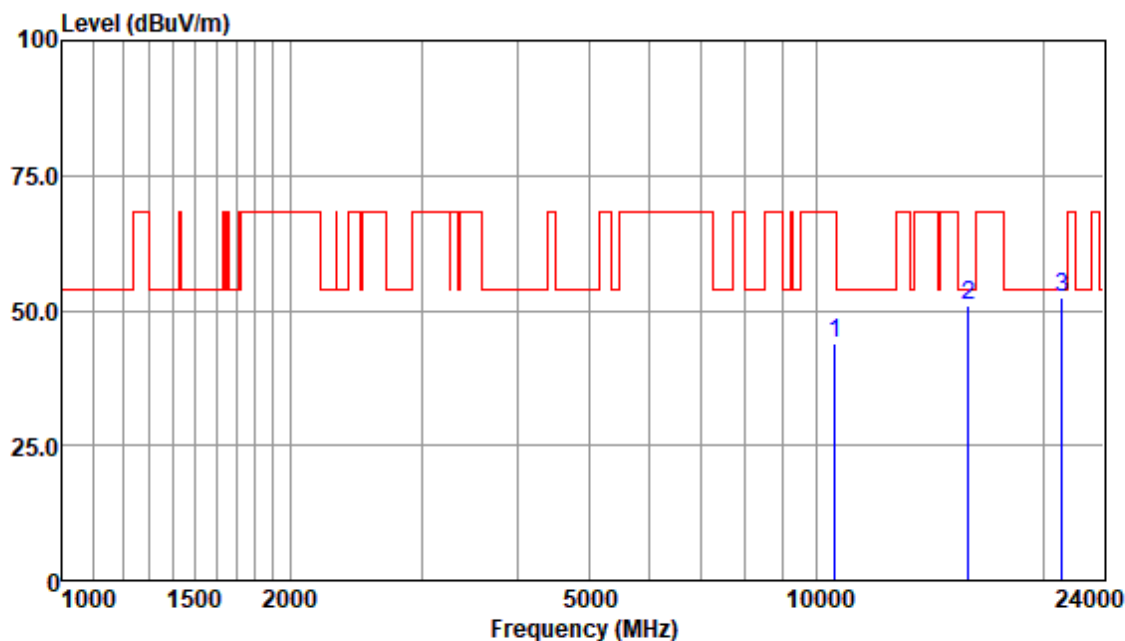


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
10520.00	38.02	34.98	6.60	34.51	45.09	68.20	-23.11	Peak
15780.00	40.70	37.56	9.48	36.55	51.19	54.00	-2.81	Peak
21040.00	33.26	43.58	12.07	36.06	52.85	54.00	-1.15	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle

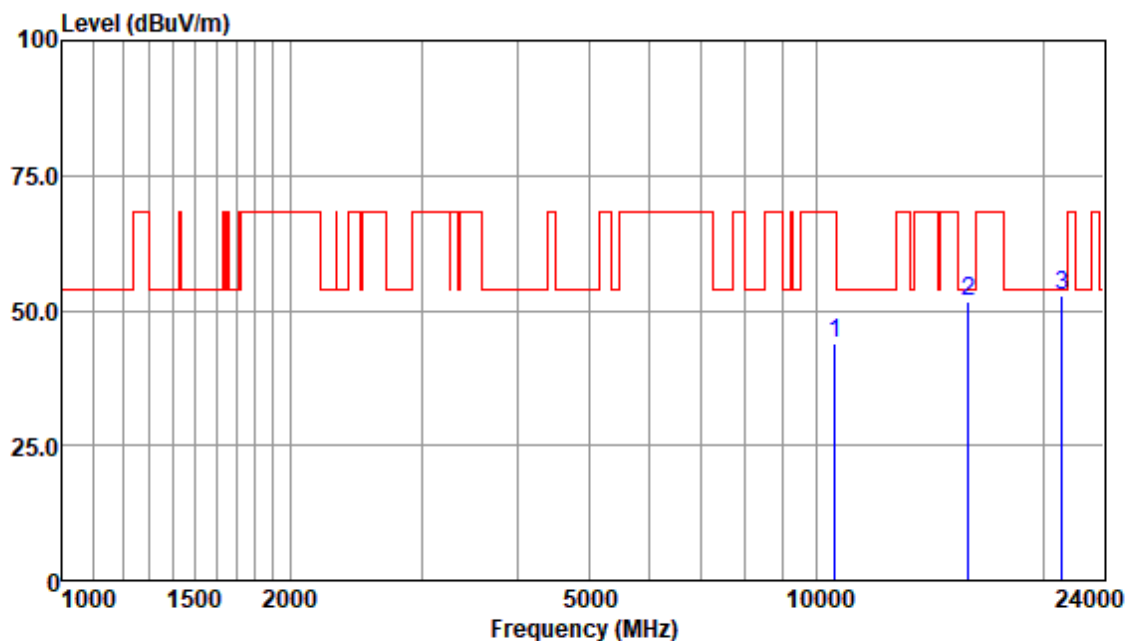


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10560.00	36.82	35.04	6.64	34.56	43.94	68.20	-24.26	Peak
15840.00	40.77	37.61	9.16	36.51	51.03	54.00	-2.97	Peak
21120.00	32.75	43.62	12.11	36.07	52.41	54.00	-1.59	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle

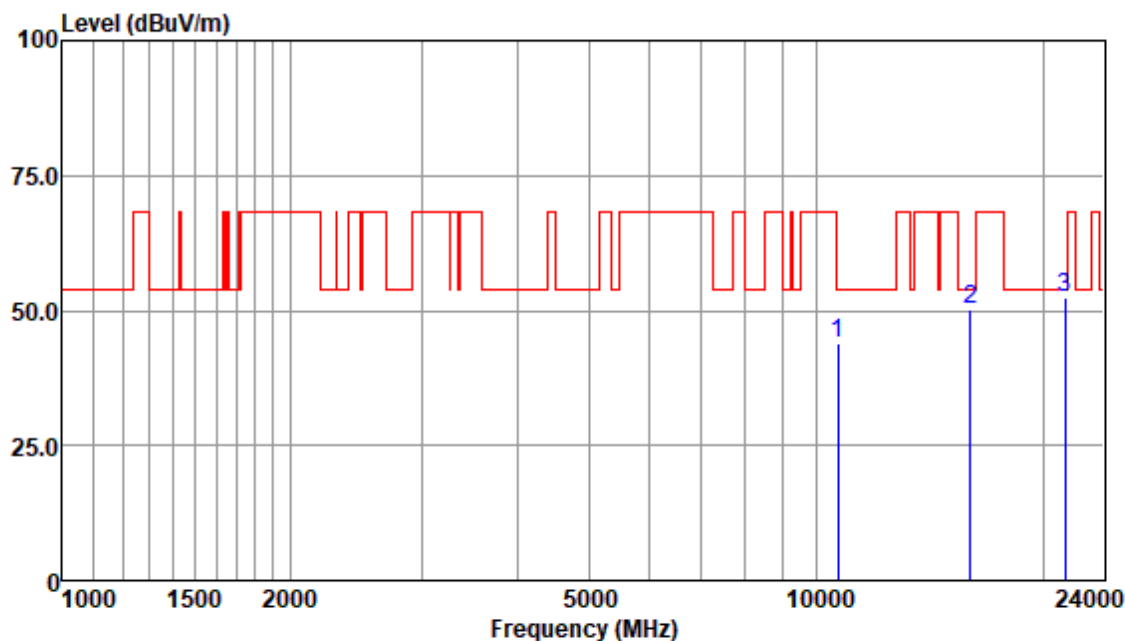


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10560.00	36.93	35.04	6.64	34.56	44.05	68.20	-24.15	Peak
15840.00	41.38	37.61	9.16	36.51	51.64	54.00	-2.36	Peak
21120.00	32.95	43.62	12.11	36.07	52.61	54.00	-1.39	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

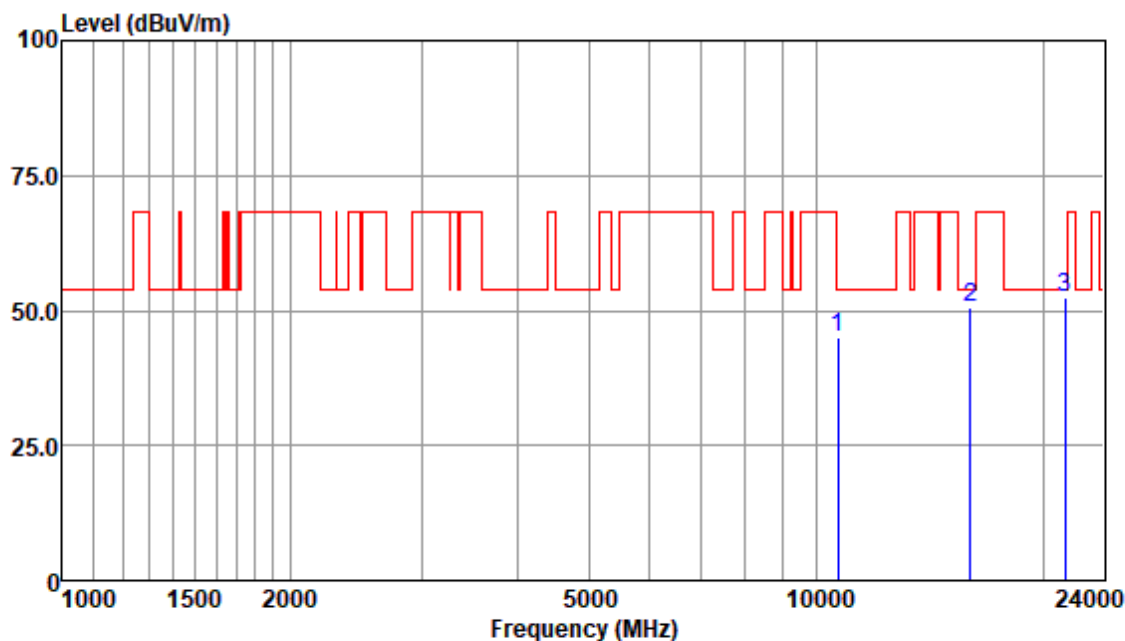


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10640.00	36.83	35.10	6.68	34.61	44.00	54.00	-10.00	Peak
15960.00	40.22	37.74	8.60	36.42	50.14	54.00	-3.86	Peak
21280.00	32.68	43.69	12.18	36.07	52.48	54.00	-1.52	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

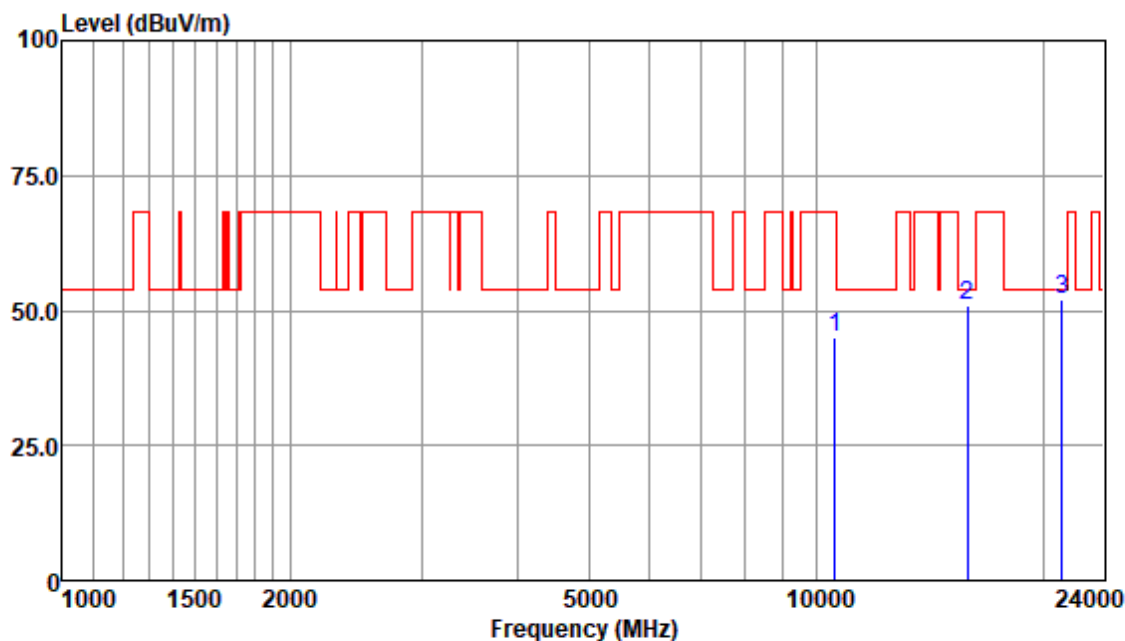


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10640.00	37.67	35.10	6.68	34.61	44.84	54.00	-9.16	Peak
15960.00	40.47	37.74	8.60	36.42	50.39	54.00	-3.61	Peak
21280.00	32.43	43.69	12.18	36.07	52.23	54.00	-1.77	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

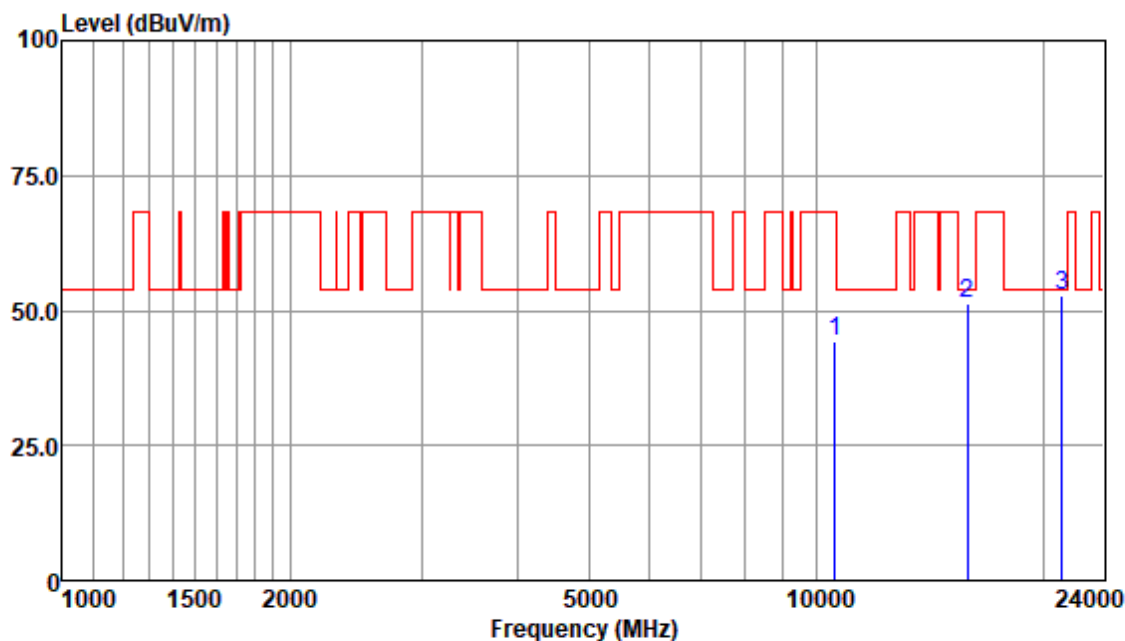


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10540.00	37.81	35.01	6.62	34.54	44.90	68.20	-23.30	Peak
15810.00	40.79	37.61	9.16	36.51	51.05	54.00	-2.95	Peak
21080.00	32.43	43.58	12.07	36.06	52.02	54.00	-1.98	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

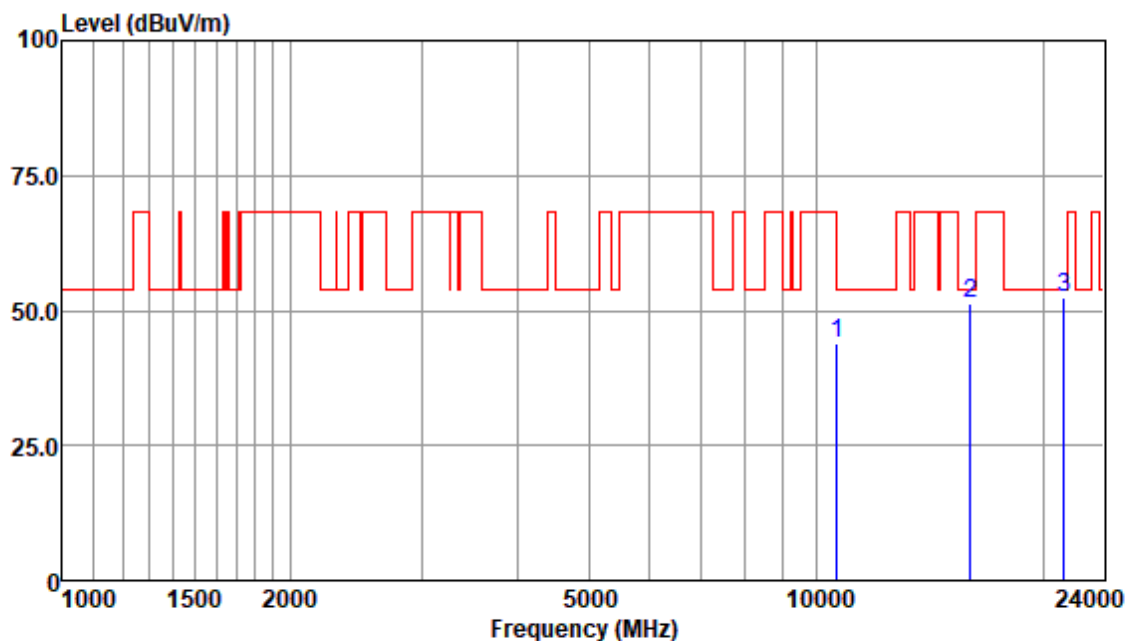


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10540.00	37.34	35.01	6.62	34.54	44.43	68.20	-23.77	Peak
15810.00	41.18	37.61	9.16	36.51	51.44	54.00	-2.56	Peak
21080.00	33.21	43.58	12.07	36.06	52.80	54.00	-1.20	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

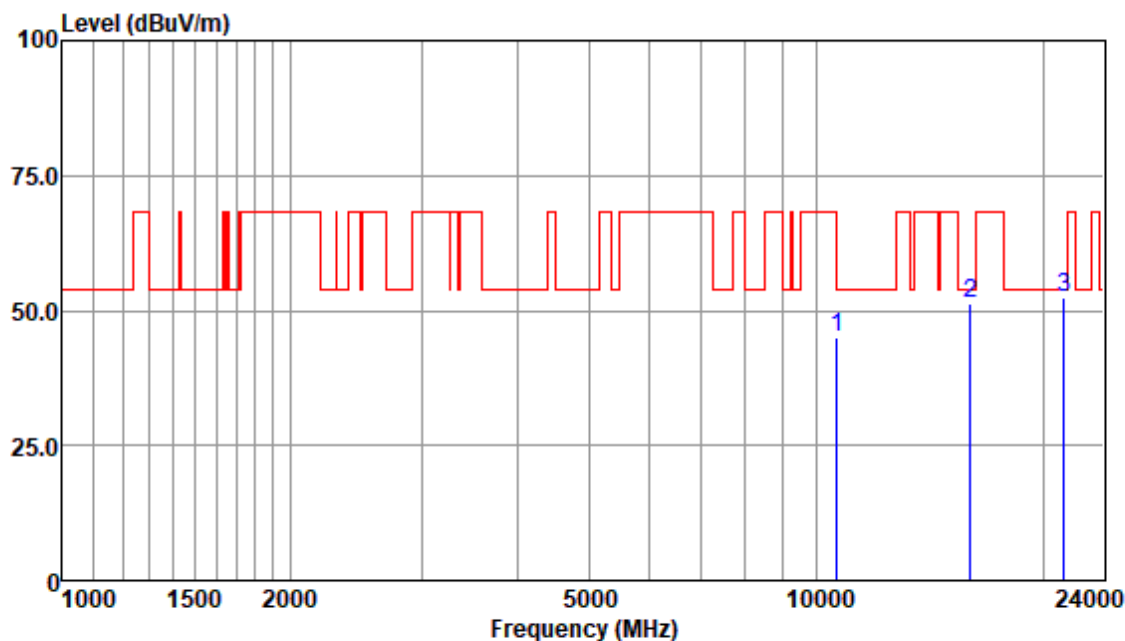


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10620.00	36.89	35.07	6.66	34.59	44.03	54.00	-9.97	Peak
15930.00	41.67	37.70	8.53	36.45	51.45	54.00	-2.55	Peak
21240.00	32.46	43.69	12.18	36.07	52.26	54.00	-1.74	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High

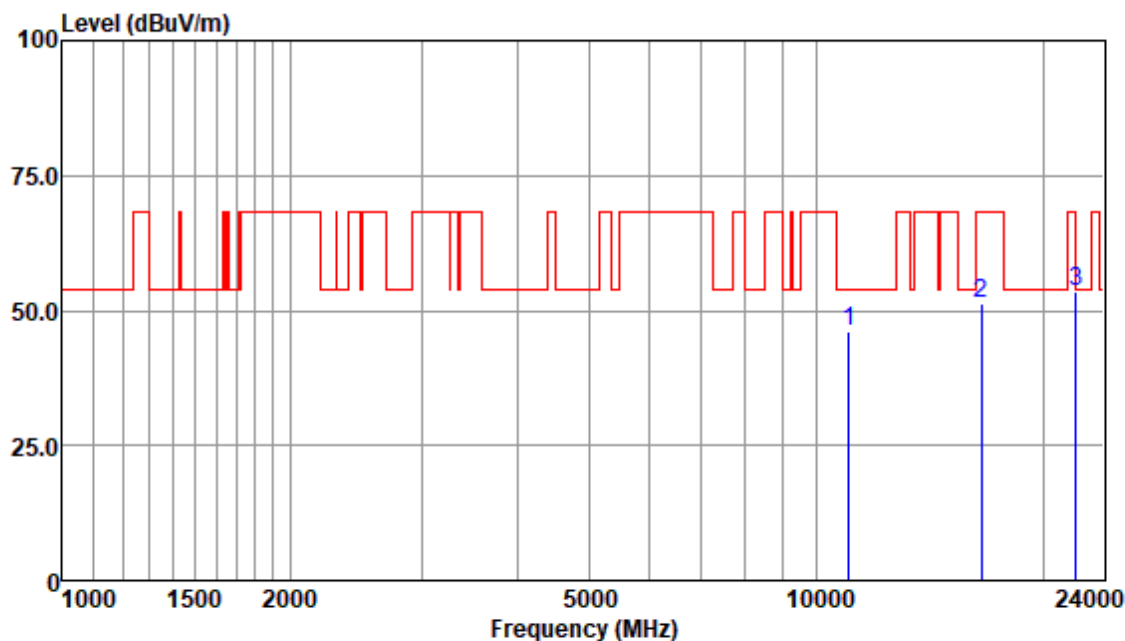


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
10620.00	37.98	35.07	6.66	34.59	45.12	54.00	-8.88	Peak
15930.00	41.64	37.70	8.53	36.45	51.42	54.00	-2.58	Peak
21240.00	32.43	43.69	12.18	36.07	52.23	54.00	-1.77	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low

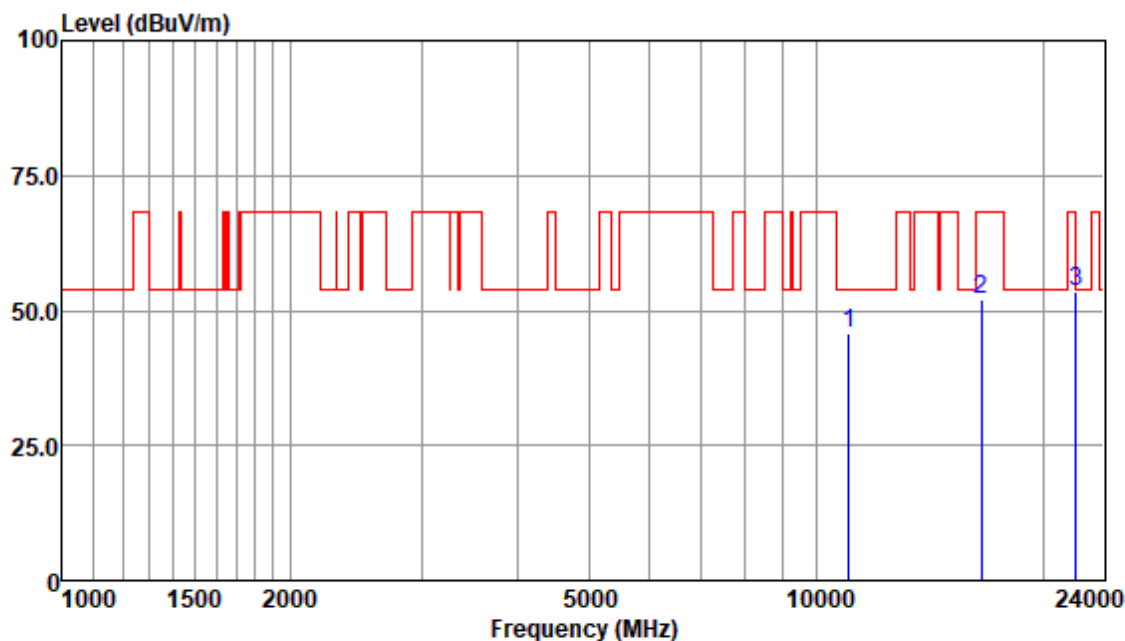


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11000.00	39.03	35.42	6.89	35.08	46.26	54.00	-7.74	Peak
16500.00	39.78	38.47	9.26	36.11	51.40	68.20	-16.80	Peak
22000.00	33.09	44.07	12.56	36.11	53.61	68.20	-14.59	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low

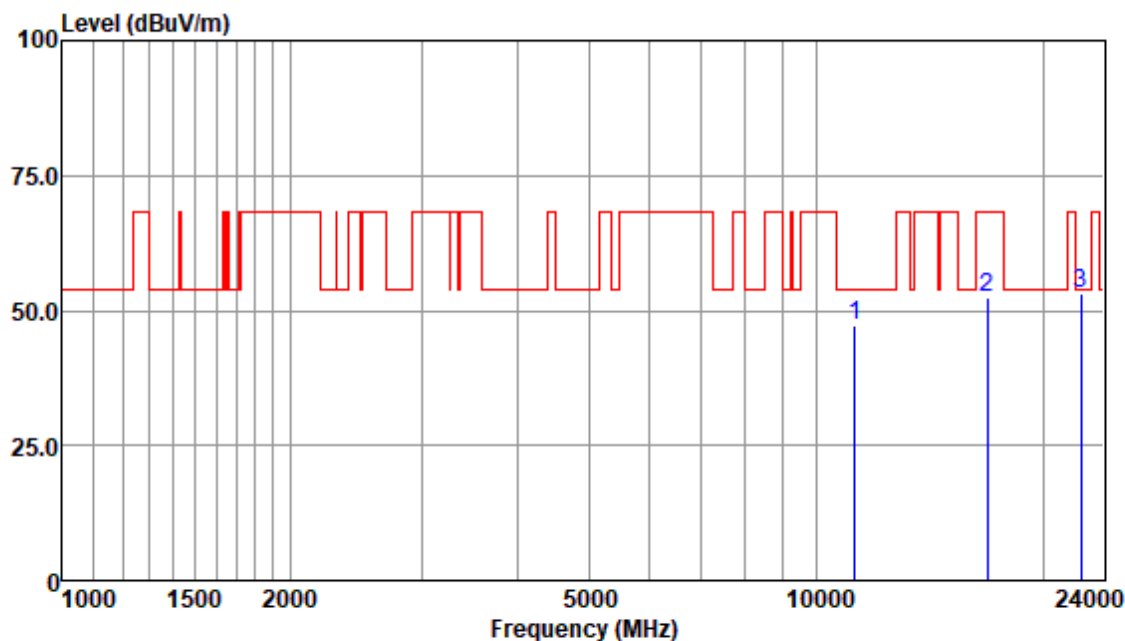


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11000.00	38.52	35.42	6.89	35.08	45.75	54.00	-8.25	Peak
16500.00	40.58	38.47	9.26	36.11	52.20	68.20	-16.00	Peak
22000.00	33.00	44.07	12.56	36.11	53.52	68.20	-14.68	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle

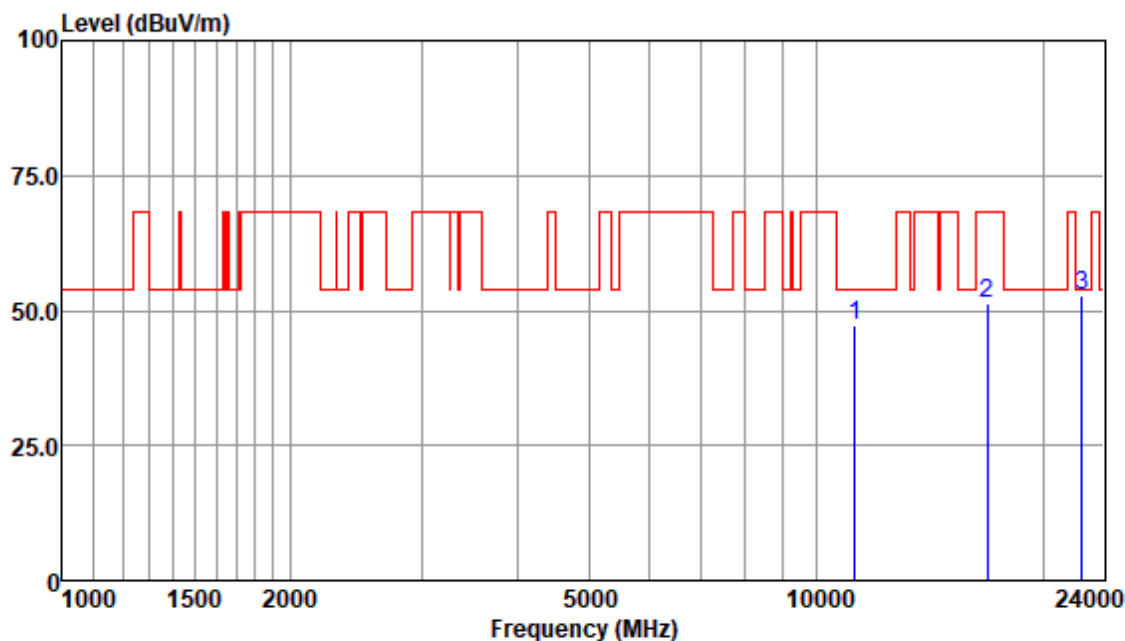


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11200.00	39.83	35.56	7.04	35.33	47.10	54.00	-6.90	Peak
16800.00	39.37	39.31	9.66	36.03	52.31	68.20	-15.89	Peak
22379.30	32.45	44.24	12.73	36.13	53.29	54.00	-0.71	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle

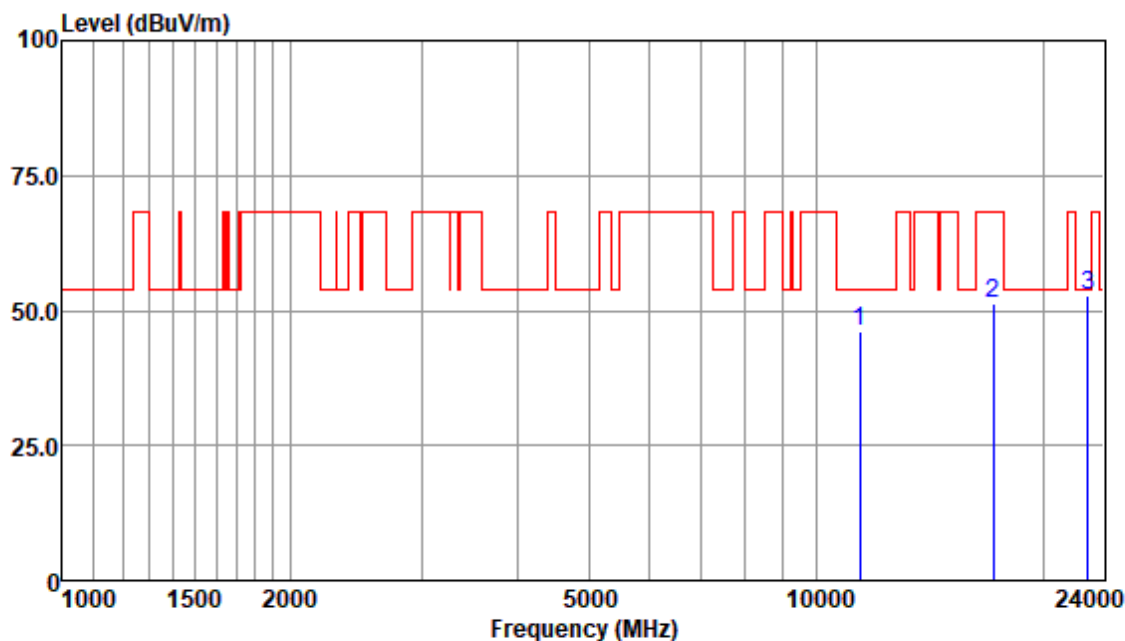


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11200.00	39.95	35.56	7.04	35.33	47.22	54.00	-6.78	Peak
16800.00	38.35	39.31	9.66	36.03	51.29	68.20	-16.91	Peak
22400.00	31.83	44.24	12.73	36.13	52.67	54.00	-1.33	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High

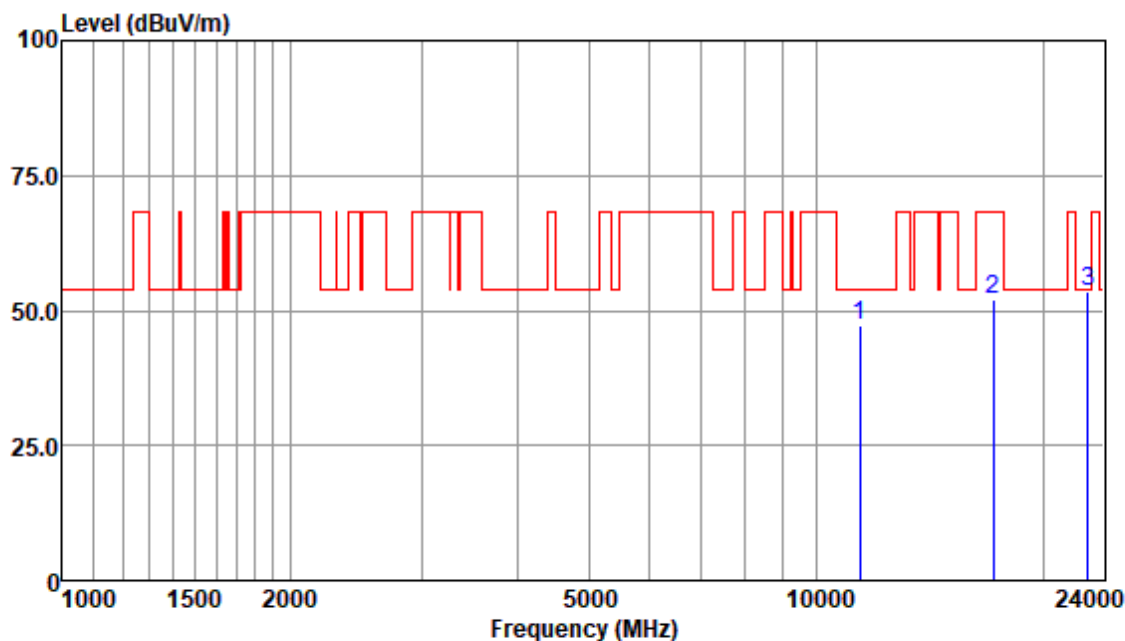


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11400.00	38.69	35.73	7.28	35.74	45.96	54.00	-8.04	Peak
17100.00	37.38	40.12	9.99	36.03	51.46	68.20	-16.74	Peak
22800.00	31.52	44.45	12.94	36.15	52.76	54.00	-1.24	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High

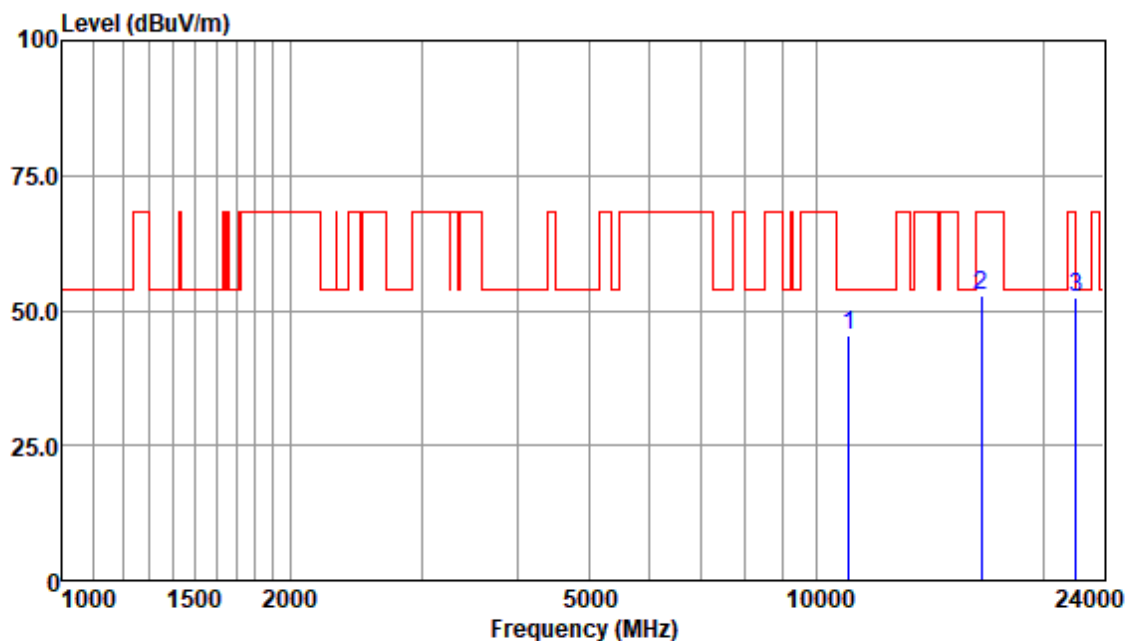


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11400.00	39.87	35.73	7.28	35.74	47.14	54.00	-6.86	Peak
17100.00	38.05	40.12	9.99	36.03	52.13	68.20	-16.07	Peak
22800.00	32.33	44.45	12.94	36.15	53.57	54.00	-0.43	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low

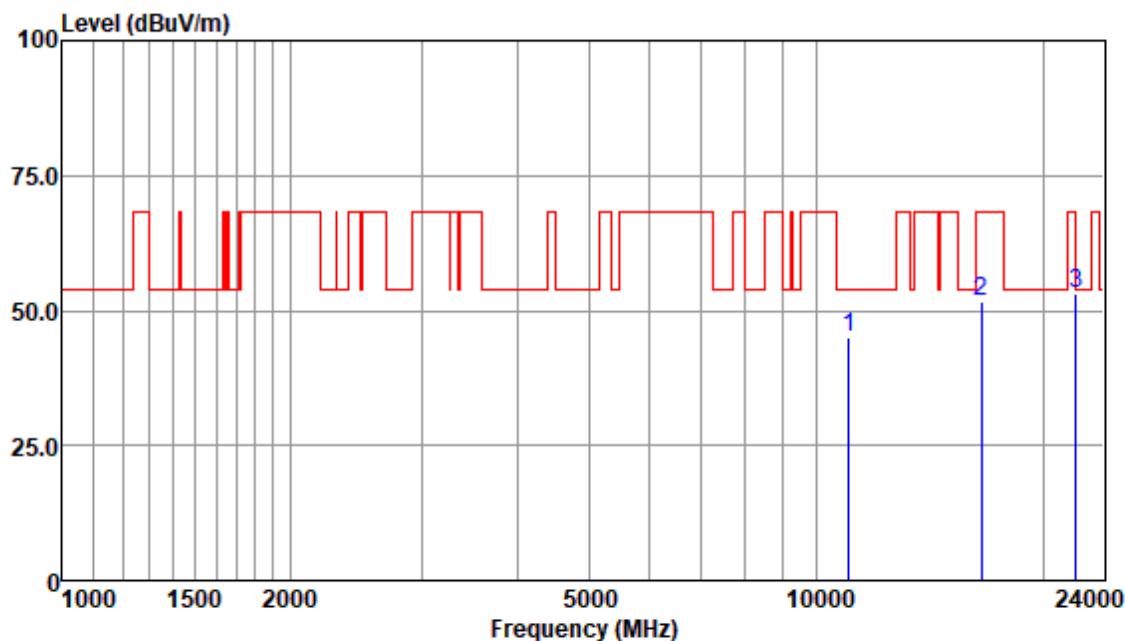


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11000.00	38.26	35.42	6.89	35.08	45.49	54.00	-8.51	Peak
16500.00	41.07	38.47	9.26	36.11	52.69	68.20	-15.51	Peak
22000.00	31.81	44.07	12.56	36.11	52.33	68.20	-15.87	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low

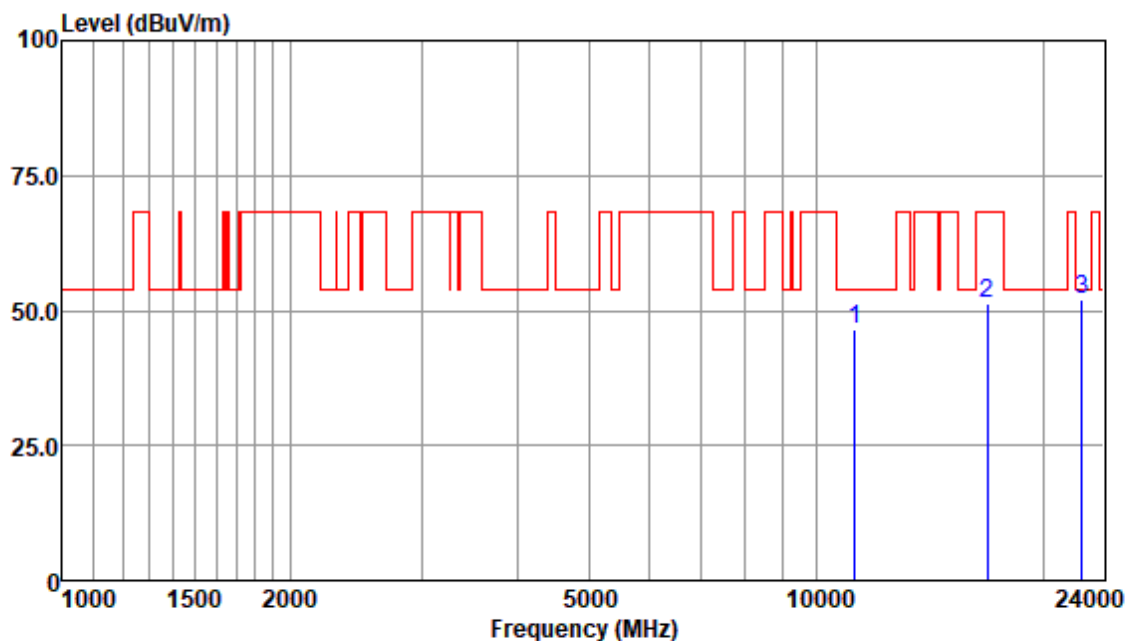


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11000.00	37.92	35.42	6.89	35.08	45.15	54.00	-8.85	Peak
16500.00	40.22	38.47	9.26	36.11	51.84	68.20	-16.36	Peak
22000.00	32.80	44.07	12.56	36.11	53.32	68.20	-14.88	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle

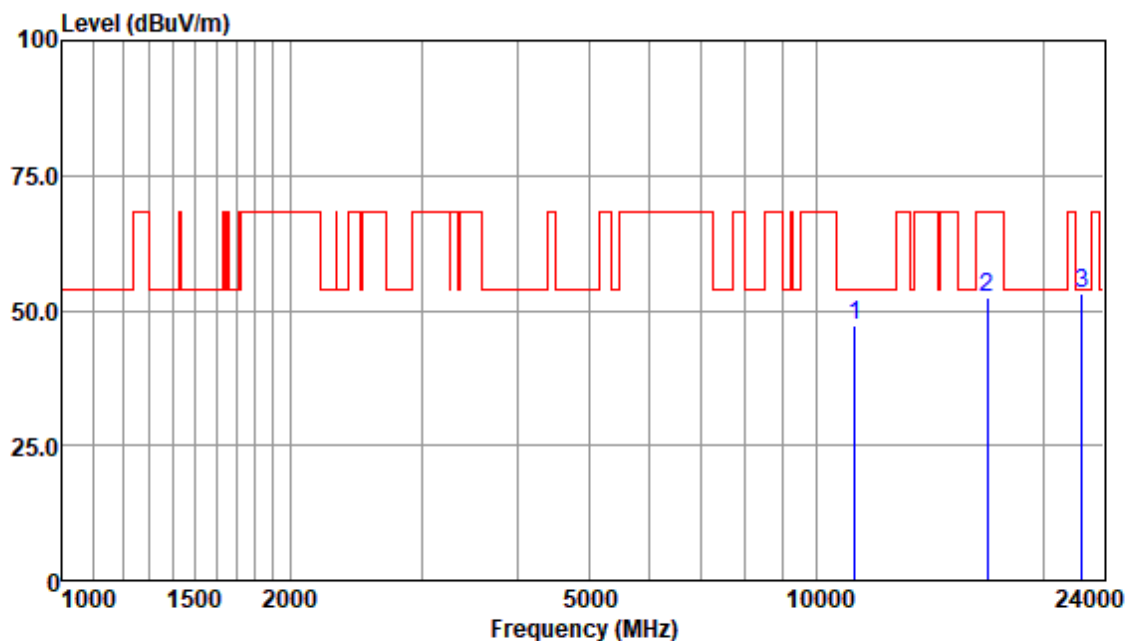


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11200.00	39.08	35.56	7.04	35.33	46.35	54.00	-7.65	Peak
16800.00	38.48	39.31	9.66	36.03	51.42	68.20	-16.78	Peak
22400.00	31.22	44.24	12.73	36.13	52.06	54.00	-1.94	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle

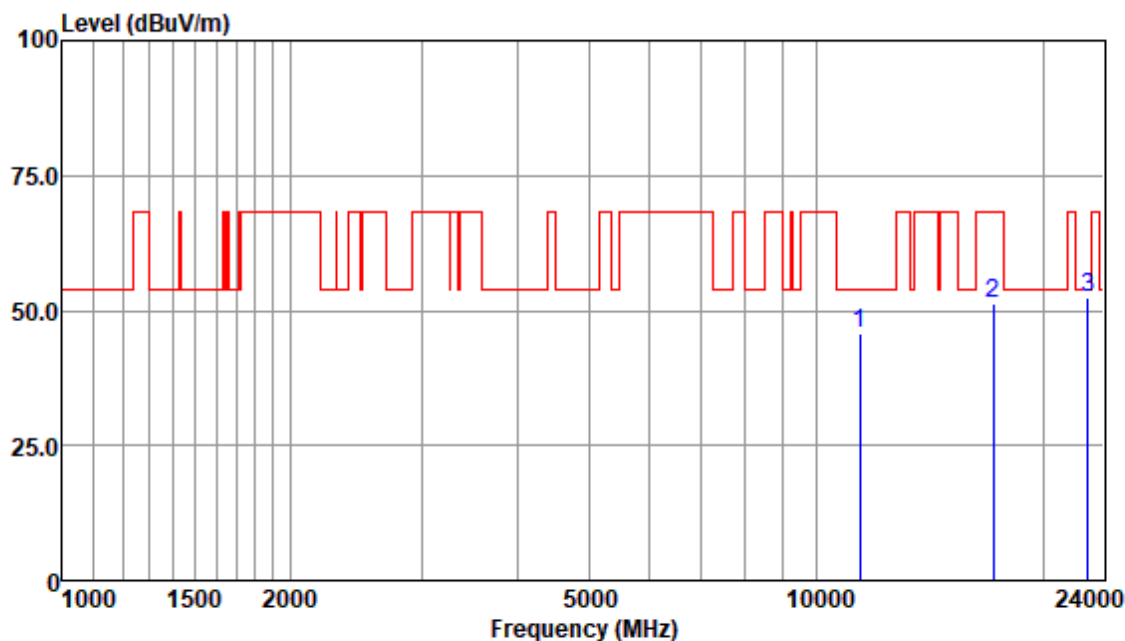


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11200.00	39.95	35.56	7.04	35.33	47.22	54.00	-6.78	Peak
16800.00	39.58	39.31	9.66	36.03	52.52	68.20	-15.68	Peak
22400.00	32.26	44.24	12.73	36.13	53.10	54.00	-0.90	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

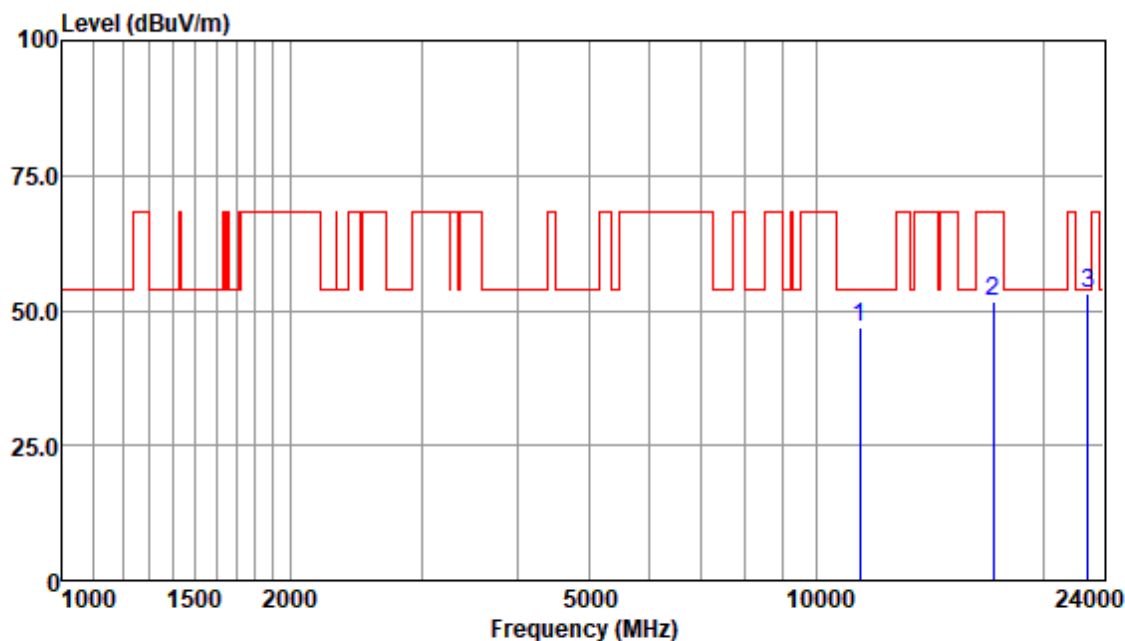


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11400.00	38.52	35.73	7.28	35.74	45.79	54.00	-8.21	Peak
17100.00	37.32	40.12	9.99	36.03	51.40	68.20	-16.80	Peak
22800.00	31.29	44.45	12.94	36.15	52.53	54.00	-1.47	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

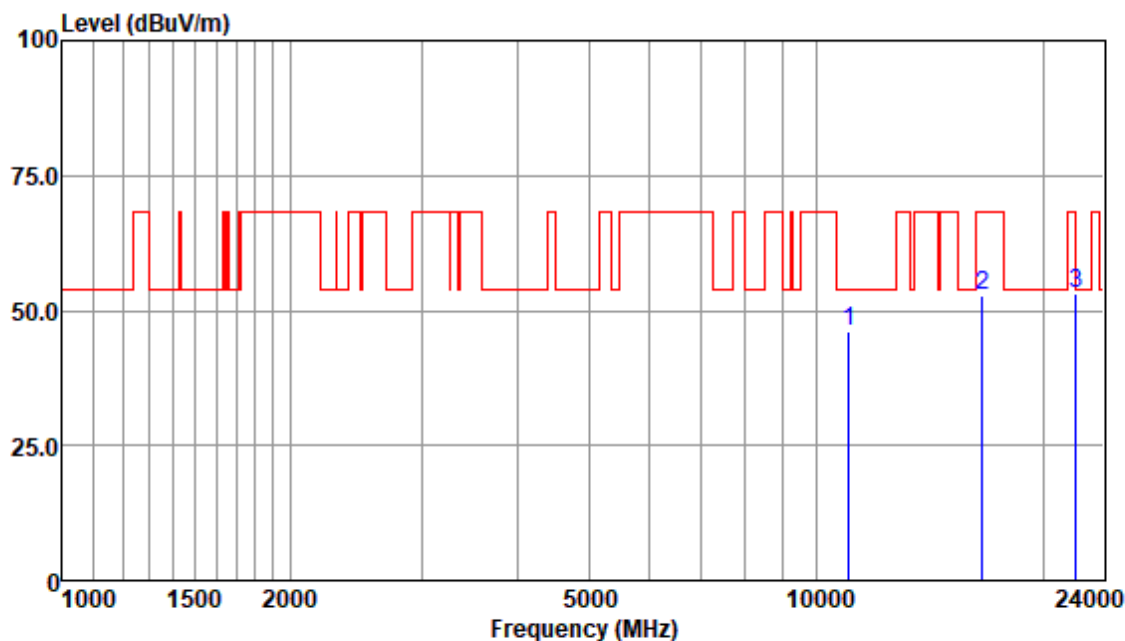


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11400.00	39.57	35.73	7.28	35.74	46.84	54.00	-7.16	Peak
17100.00	37.41	40.12	9.99	36.03	51.49	68.20	-16.71	Peak
22800.00	31.74	44.45	12.94	36.15	52.98	54.00	-1.02	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

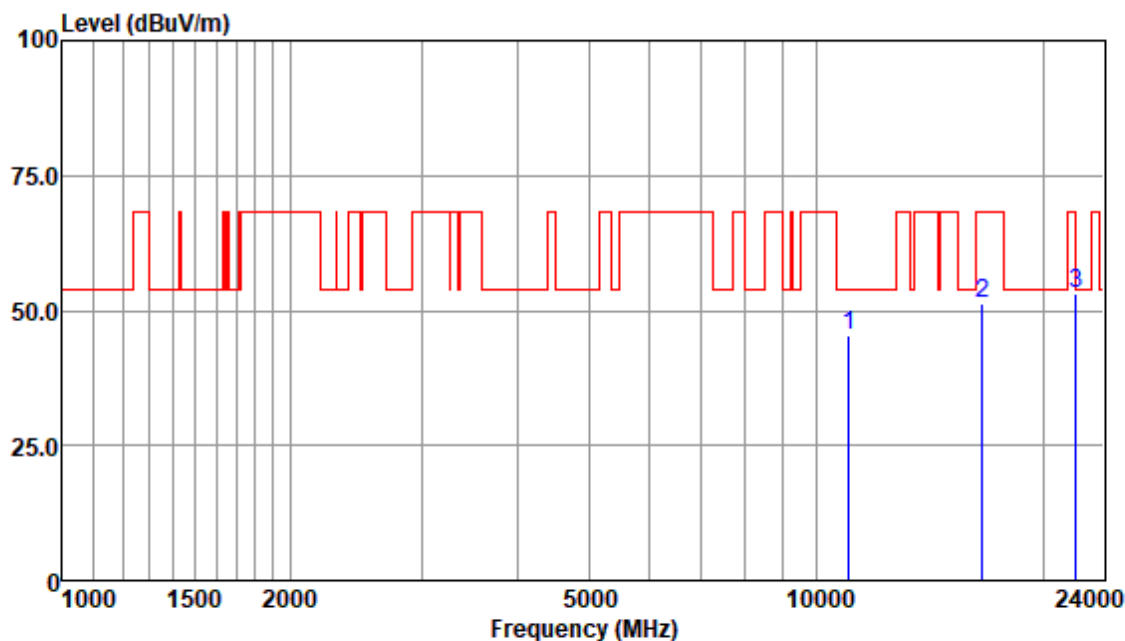


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11020.00	38.83	35.42	6.89	35.08	46.06	54.00	-7.94	Peak
16530.00	40.79	38.61	9.33	36.09	52.64	68.20	-15.56	Peak
22040.00	32.61	44.07	12.56	36.11	53.13	54.00	-0.87	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

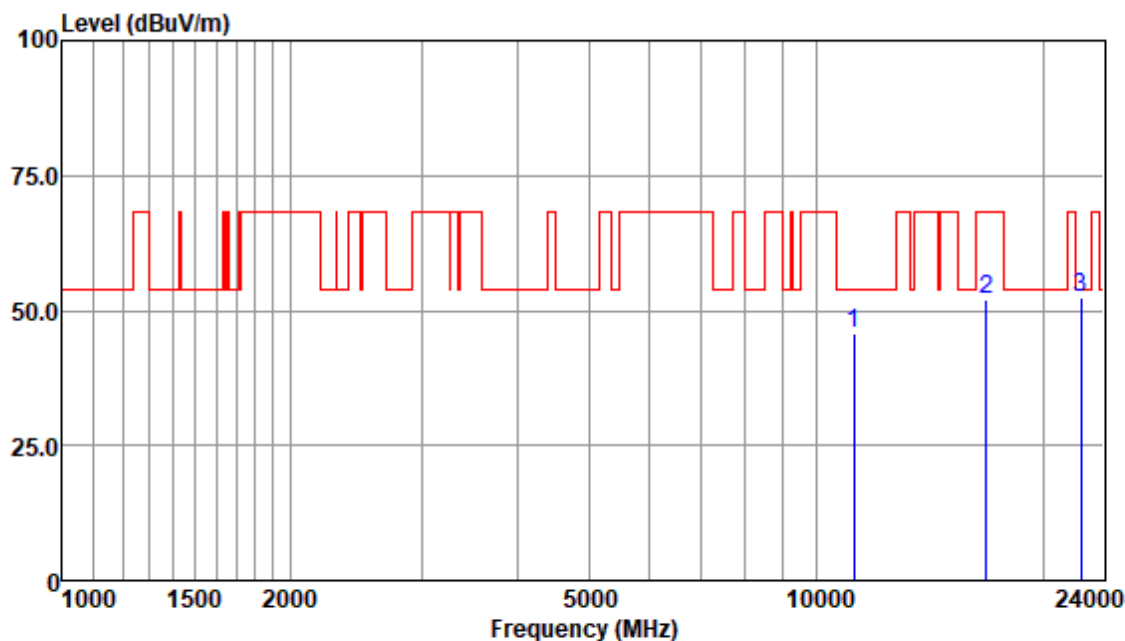


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11020.00	38.17	35.42	6.89	35.08	45.40	54.00	-8.60	Peak
16530.00	39.36	38.61	9.33	36.09	51.21	68.20	-16.99	Peak
22040.00	32.46	44.07	12.56	36.11	52.98	54.00	-1.02	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:middle

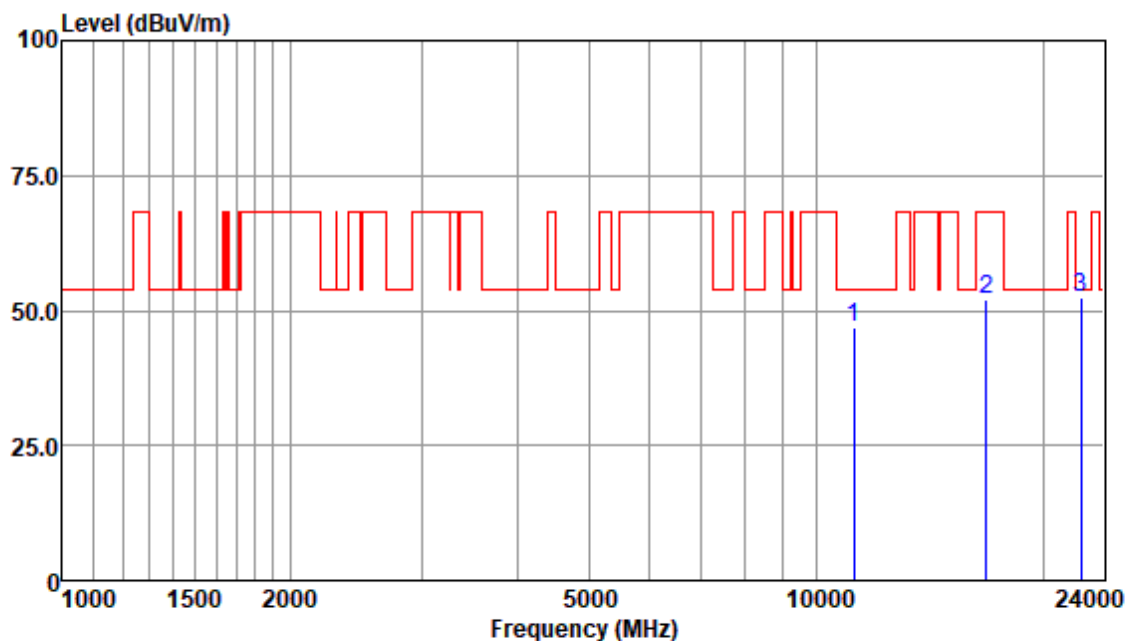


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11180.00	38.54	35.56	7.04	35.33	45.81	54.00	-8.19	Peak
16770.00	39.17	39.15	9.59	36.03	51.88	68.20	-16.32	Peak
22360.00	31.57	44.24	12.73	36.13	52.41	54.00	-1.59	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:middle

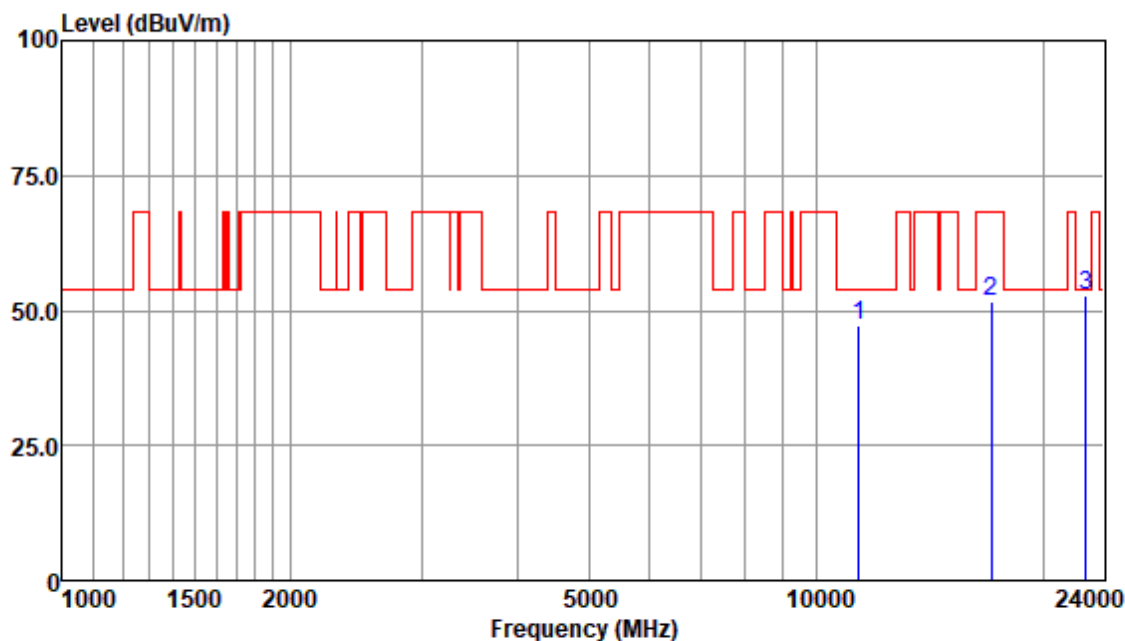


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11180.00	39.42	35.56	7.04	35.33	46.69	54.00	-7.31	Peak
16770.00	39.17	39.15	9.59	36.03	51.88	68.20	-16.32	Peak
22360.00	31.51	44.24	12.73	36.13	52.35	54.00	-1.65	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

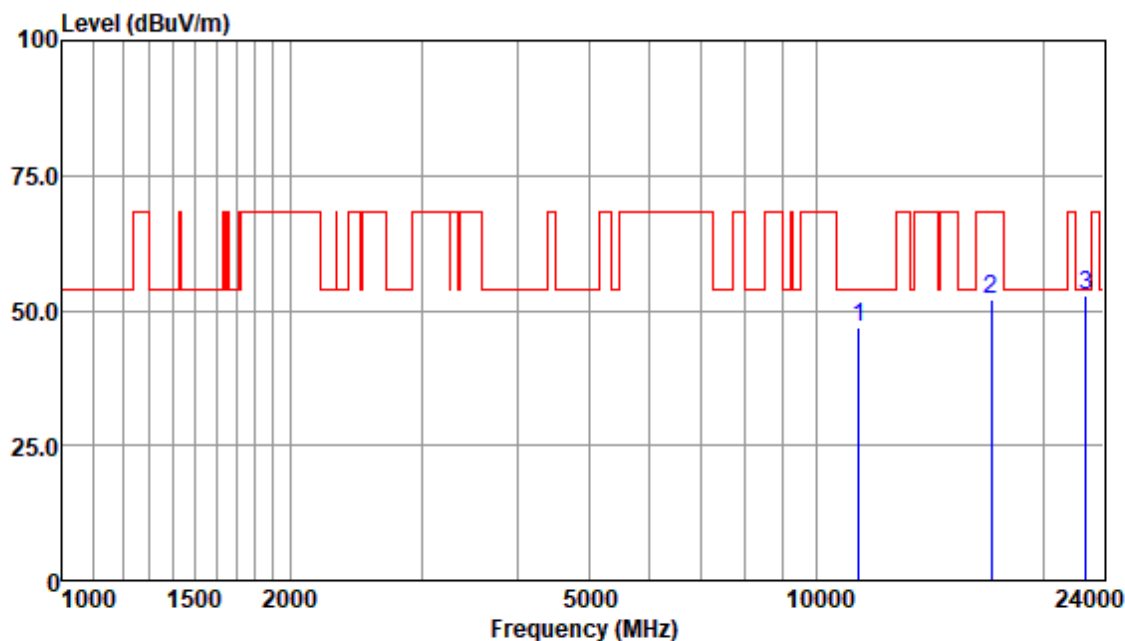


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11340.00	39.86	35.67	7.20	35.60	47.13	54.00	-6.87	Peak
17010.00	37.73	39.96	9.92	36.03	51.58	68.20	-16.62	Peak
22680.00	31.68	44.38	12.87	36.14	52.79	54.00	-1.21	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High

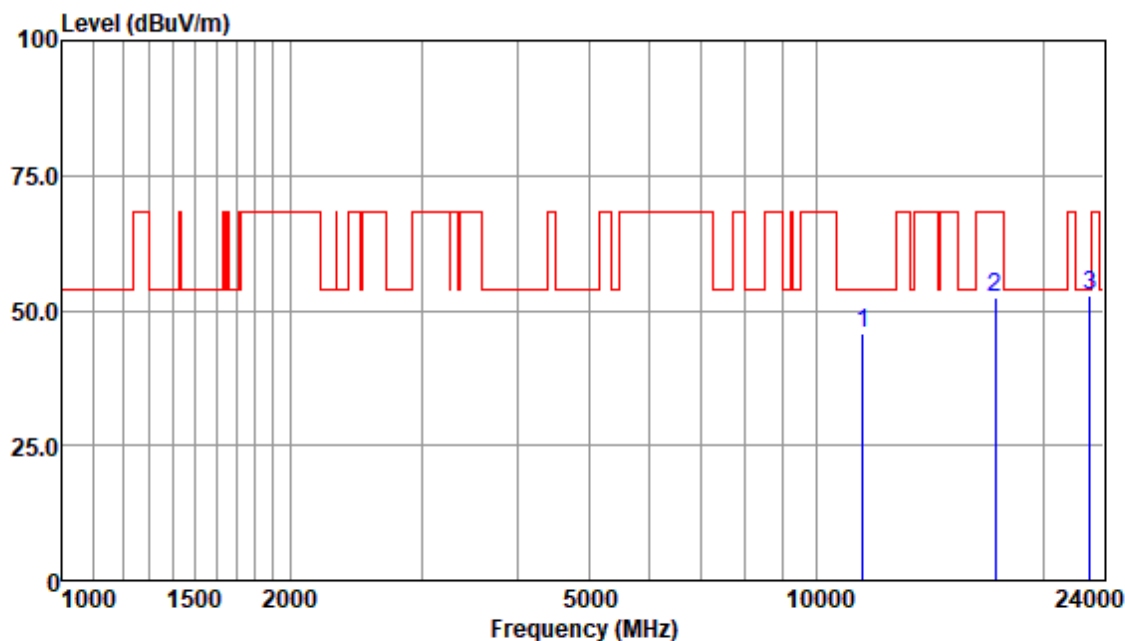


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11340.00	39.62	35.67	7.20	35.60	46.89	54.00	-7.11	Peak
17010.00	38.22	39.96	9.92	36.03	52.07	68.20	-16.13	Peak
22680.00	31.77	44.38	12.87	36.14	52.88	54.00	-1.12	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low

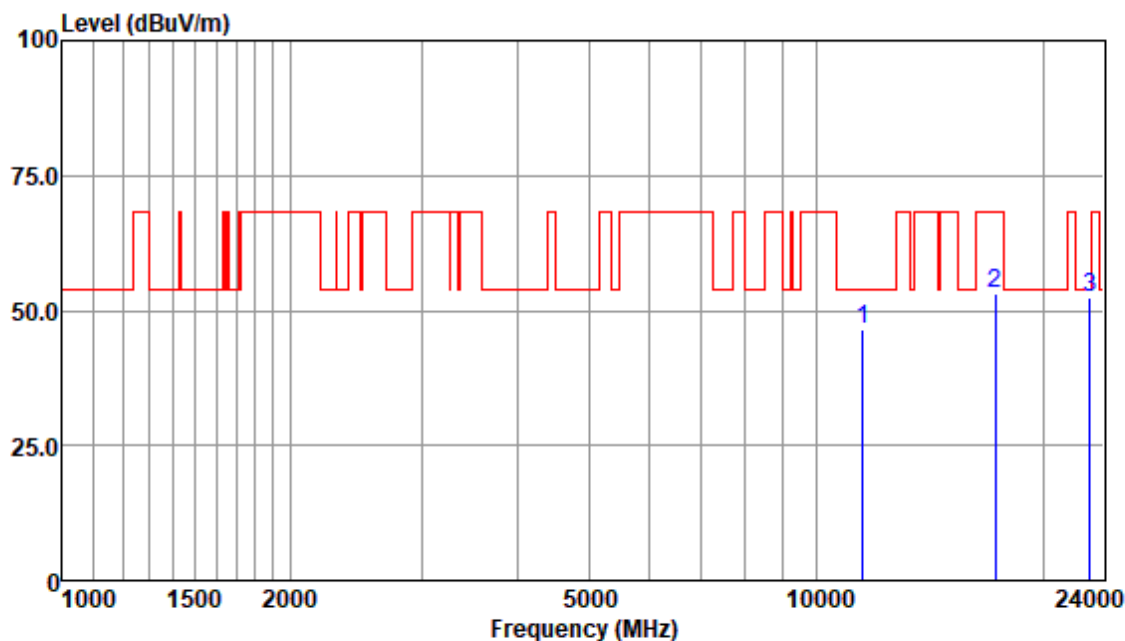


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11490.00	38.32	35.79	7.36	35.88	45.59	54.00	-8.41	Peak
17235.00	37.90	40.60	10.19	36.14	52.55	68.20	-15.65	Peak
22980.00	31.51	44.52	13.01	36.15	52.89	54.00	-1.11	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low

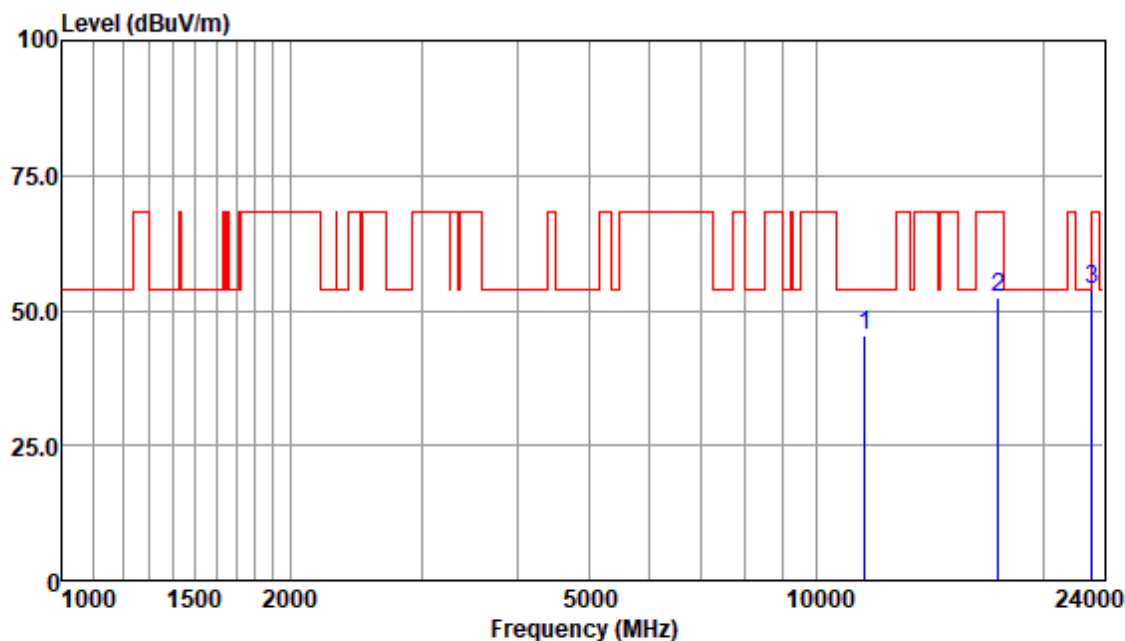


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11490.00	39.40	35.79	7.36	35.88	46.67	54.00	-7.33	Peak
17235.00	38.60	40.60	10.19	36.14	53.25	68.20	-14.95	Peak
22980.00	31.20	44.52	13.01	36.15	52.58	54.00	-1.42	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle

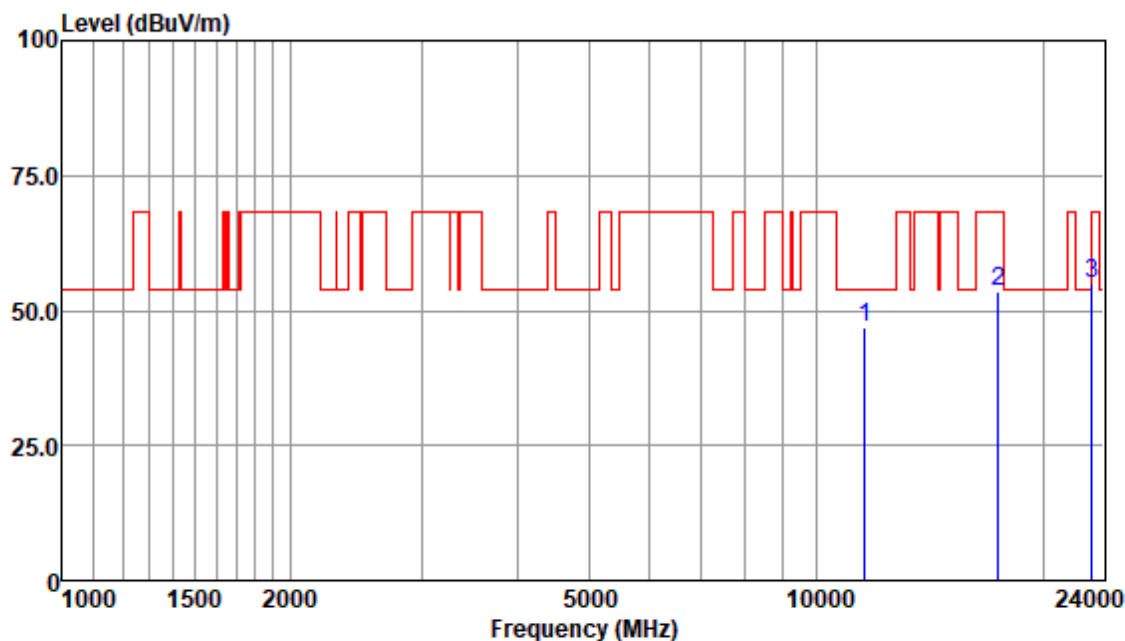


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11570.00	38.36	35.78	7.44	36.02	45.56	54.00	-8.44	Peak
17355.00	37.47	40.95	10.32	36.25	52.49	68.20	-15.71	Peak
23140.00	32.21	44.62	13.12	36.16	53.79	68.20	-14.41	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle

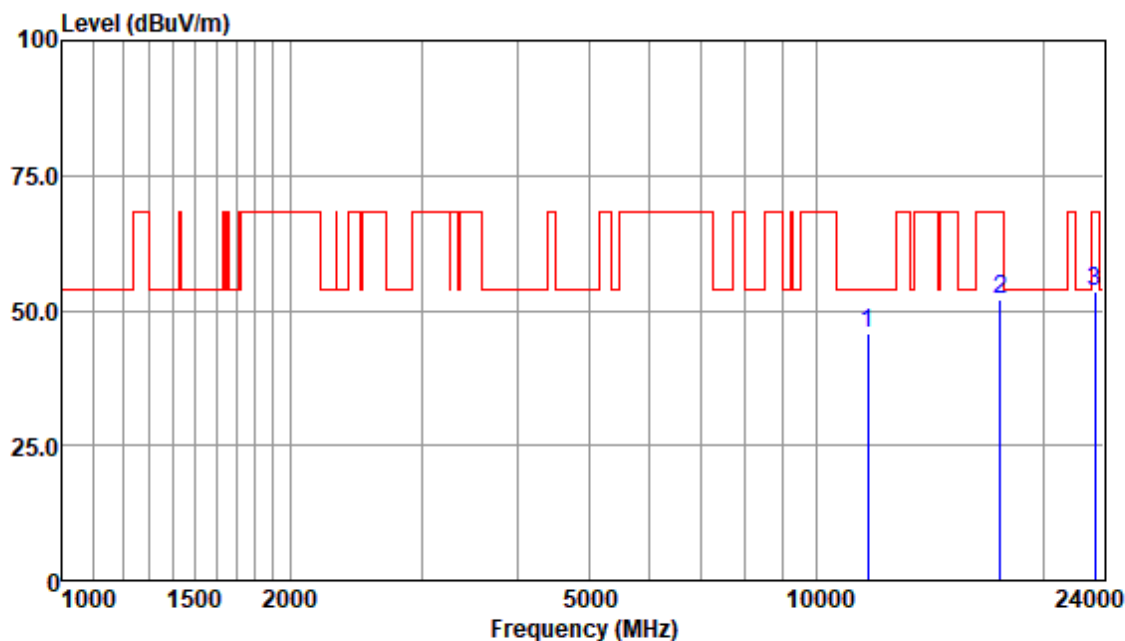


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11570.00	39.80	35.78	7.44	36.02	47.00	54.00	-7.00	Peak
17355.00	38.50	40.95	10.32	36.25	53.52	68.20	-14.68	Peak
23140.00	33.39	44.62	13.12	36.16	54.97	68.20	-13.23	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High

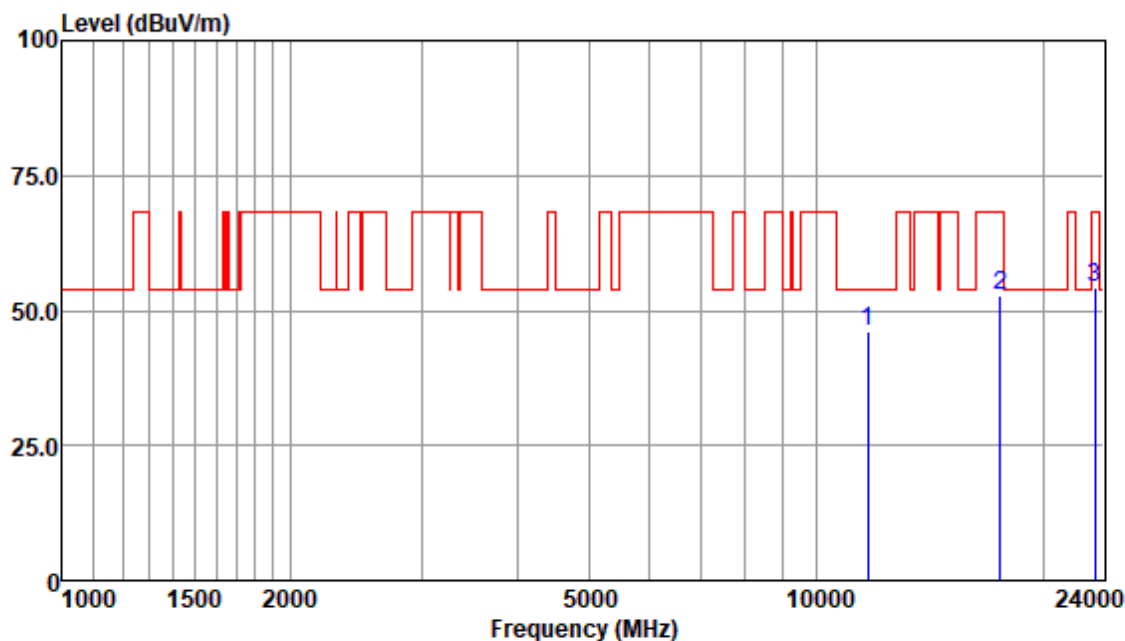


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11650.00	38.75	35.77	7.56	36.23	45.85	54.00	-8.15	Peak
17475.00	36.65	41.30	10.45	36.37	52.03	68.20	-16.17	Peak
23300.00	31.78	44.69	13.19	36.17	53.49	68.20	-14.71	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel: High

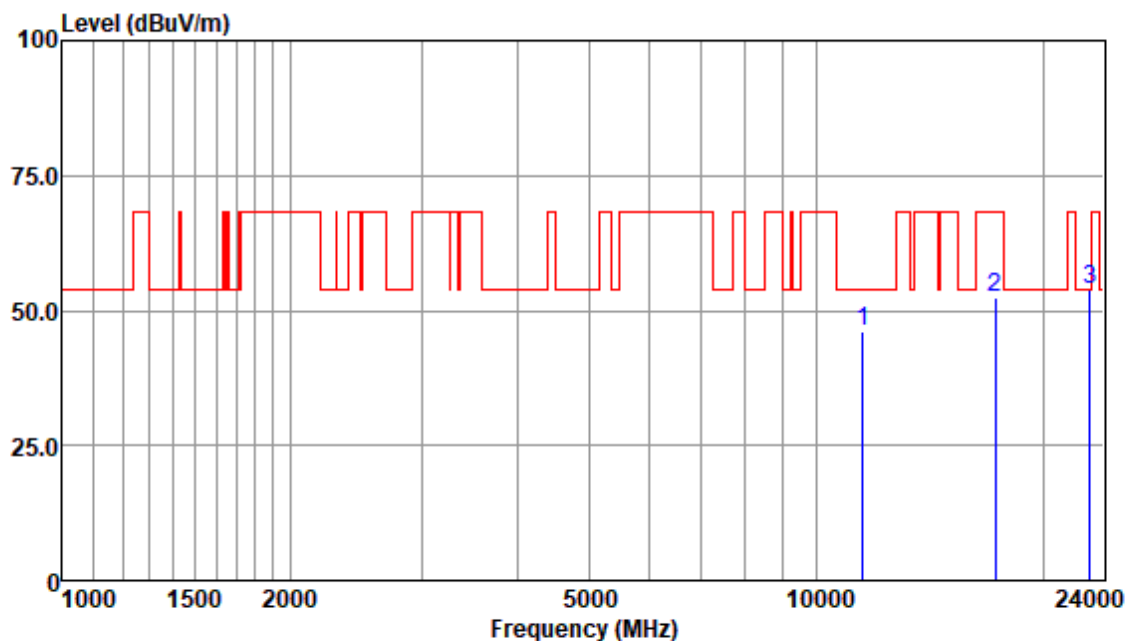


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11650.00	39.20	35.77	7.56	36.23	46.30	54.00	-7.70	Peak
17475.00	37.50	41.30	10.45	36.37	52.88	68.20	-15.32	Peak
23300.00	32.60	44.69	13.19	36.17	54.31	68.20	-13.89	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low

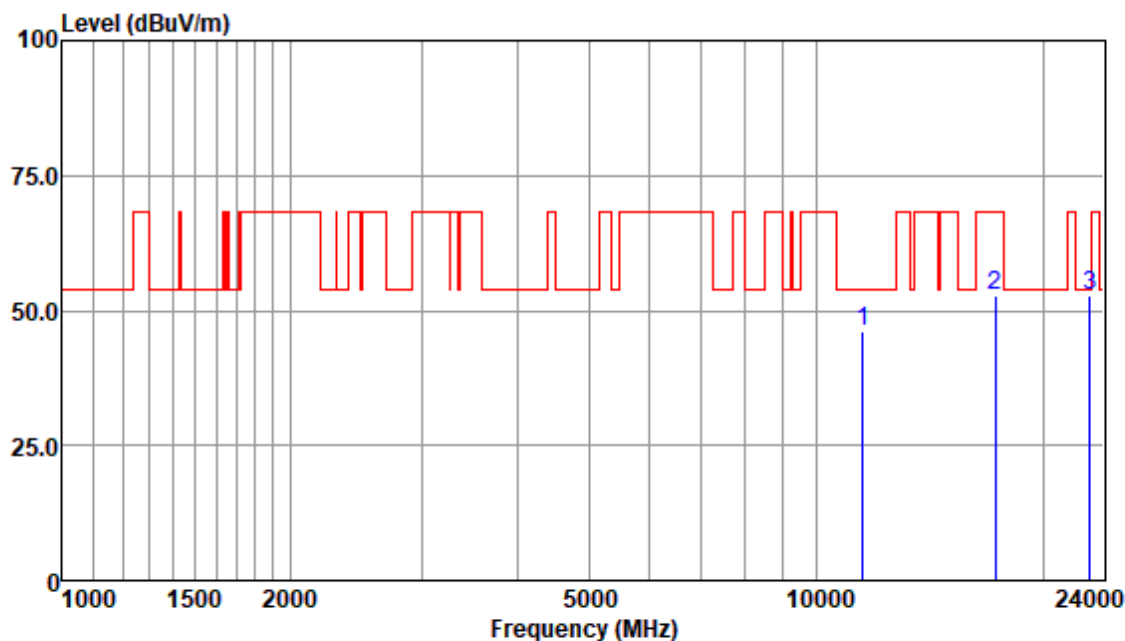


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11490.00	38.85	35.79	7.36	35.88	46.12	54.00	-7.88	Peak
17235.00	37.73	40.60	10.19	36.14	52.38	68.20	-15.82	Peak
22980.00	32.32	44.52	13.01	36.15	53.70	54.00	-0.30	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low

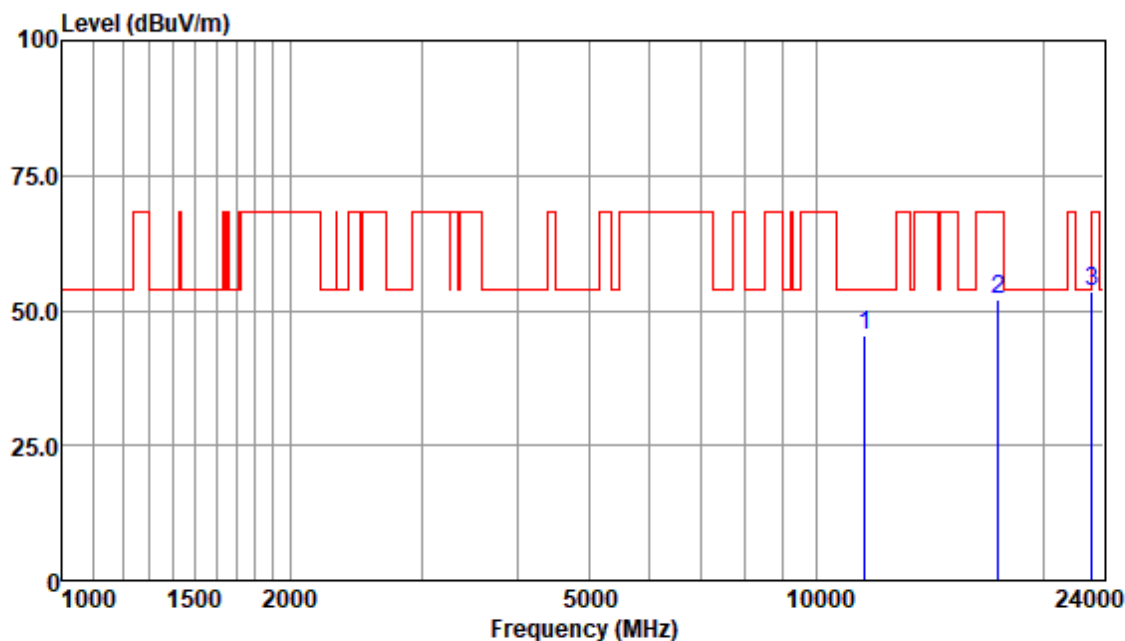


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11490.00	38.92	35.79	7.36	35.88	46.19	54.00	-7.81	Peak
17235.00	37.98	40.60	10.19	36.14	52.63	68.20	-15.57	Peak
22980.00	31.57	44.52	13.01	36.15	52.95	54.00	-1.05	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle

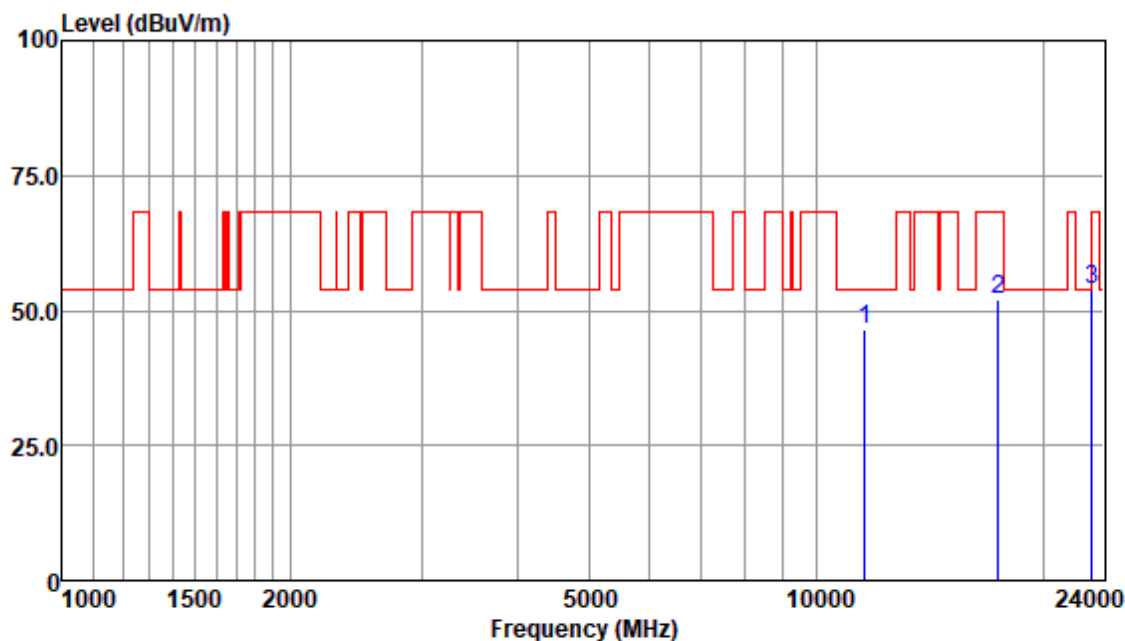


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11570.00	38.20	35.78	7.44	36.02	45.40	54.00	-8.60	Peak
17355.00	36.89	40.95	10.32	36.25	51.91	68.20	-16.29	Peak
23140.00	31.83	44.62	13.12	36.16	53.41	68.20	-14.79	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle

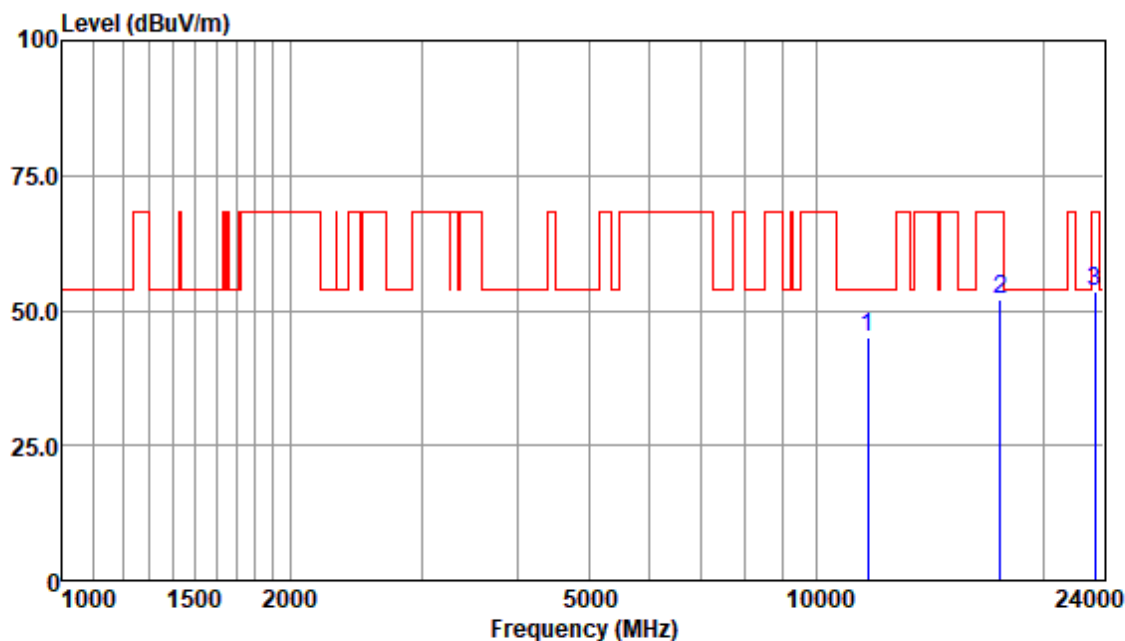


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11570.00	39.25	35.78	7.44	36.02	46.45	54.00	-7.55	Peak
17355.00	36.92	40.95	10.32	36.25	51.94	68.20	-16.26	Peak
23140.00	32.23	44.62	13.12	36.16	53.81	68.20	-14.39	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

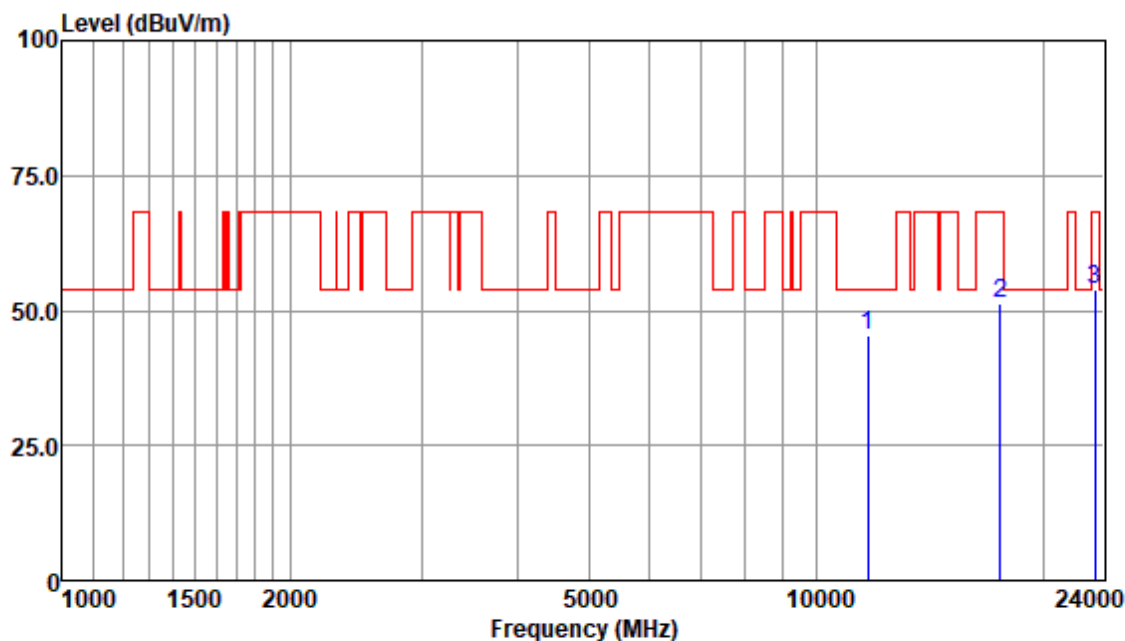


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11650.00	38.09	35.77	7.56	36.23	45.19	54.00	-8.81	Peak
17475.00	36.83	41.30	10.45	36.37	52.21	68.20	-15.99	Peak
23300.00	31.94	44.69	13.19	36.17	53.65	68.20	-14.55	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

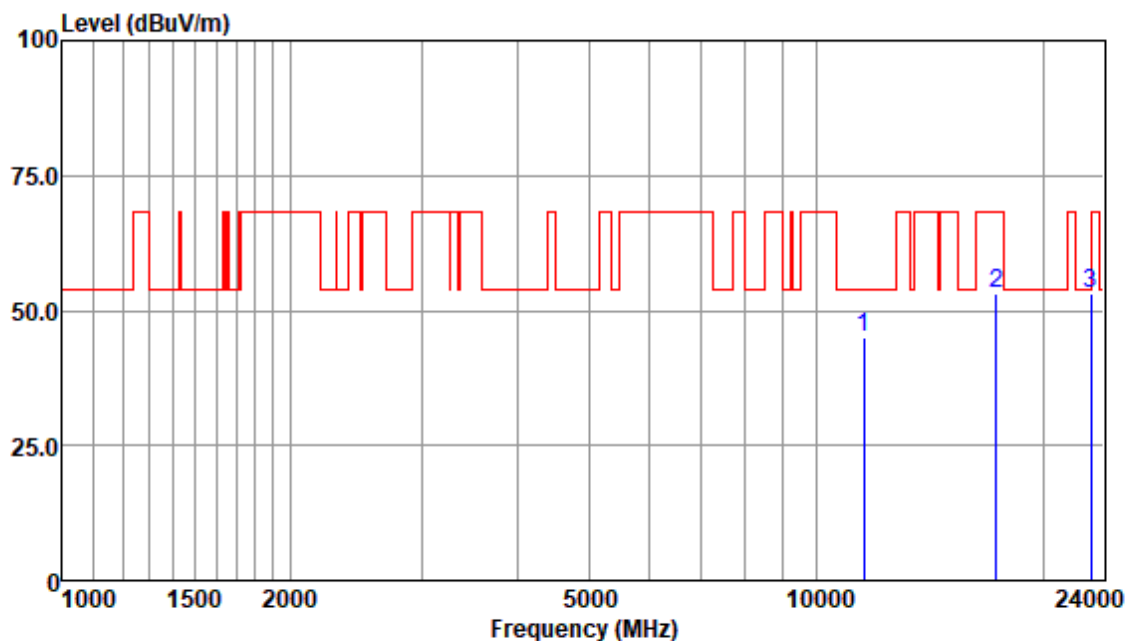


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11650.00	38.13	35.77	7.56	36.23	45.23	54.00	-8.77	Peak
17475.00	35.99	41.30	10.45	36.37	51.37	68.20	-16.83	Peak
23300.00	32.18	44.69	13.19	36.17	53.89	68.20	-14.31	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

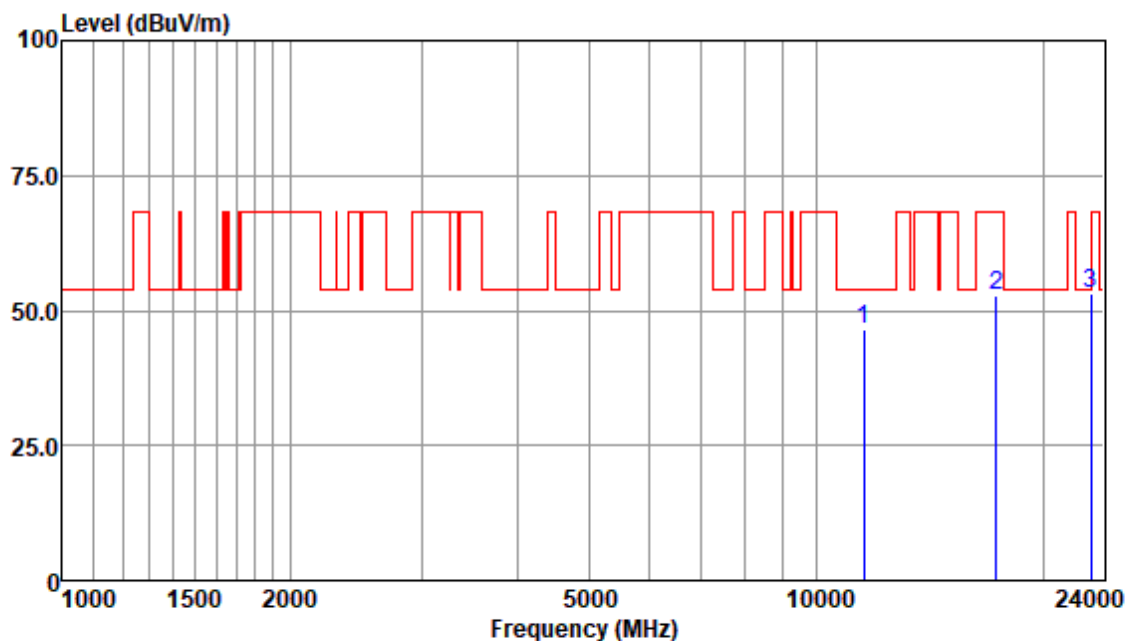


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11510.00	37.95	35.78	7.40	35.95	45.18	54.00	-8.82	Peak
17265.00	38.32	40.60	10.19	36.14	52.97	68.20	-15.23	Peak
23020.00	31.85	44.55	13.05	36.16	53.29	54.00	-0.71	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

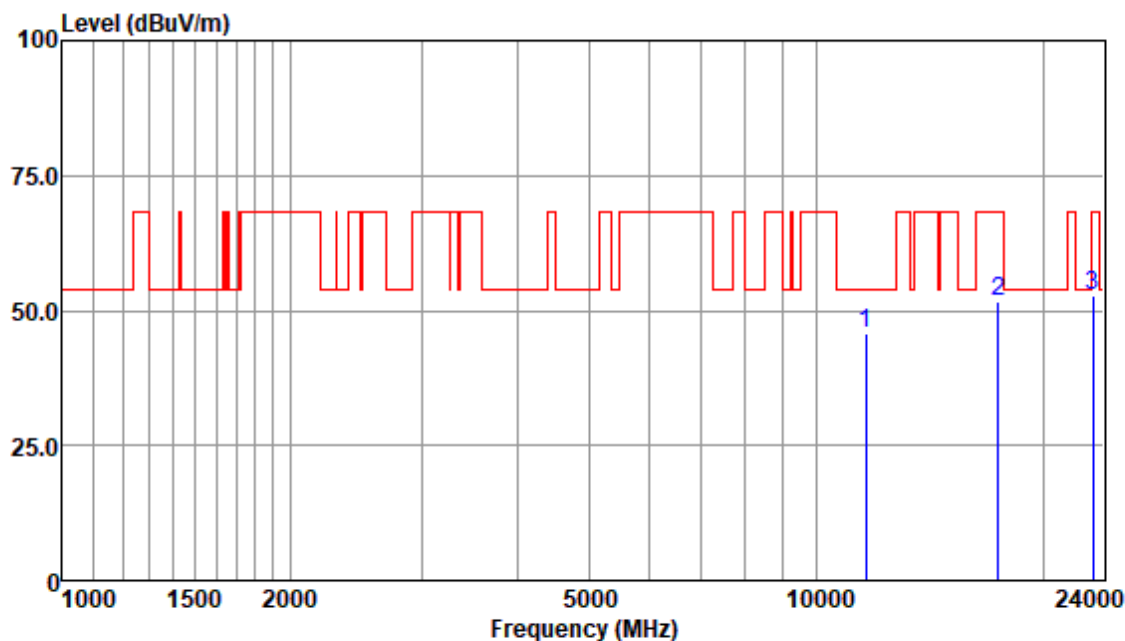


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11510.00	39.22	35.78	7.40	35.95	46.45	54.00	-7.55	Peak
17265.00	38.17	40.60	10.19	36.14	52.82	68.20	-15.38	Peak
23020.00	31.71	44.55	13.05	36.16	53.15	54.00	-0.85	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

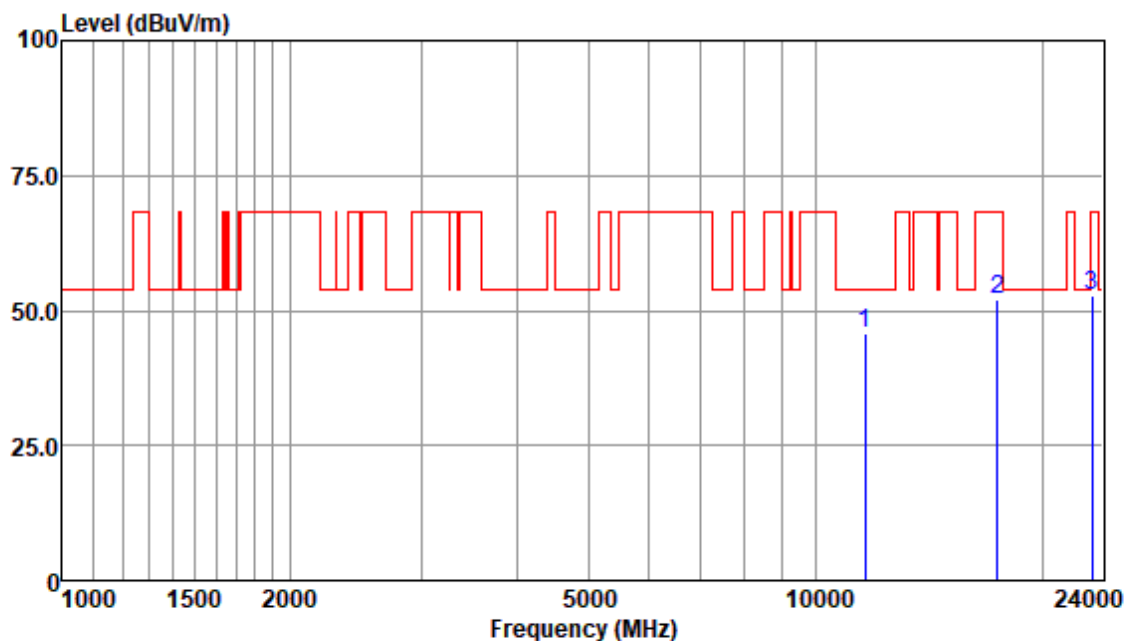


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
11590.00	38.75	35.78	7.48	36.09	45.92	54.00	-8.08	Peak
17385.00	36.32	41.12	10.39	36.31	51.52	68.20	-16.68	Peak
23180.00	31.37	44.62	13.12	36.16	52.95	68.20	-15.25	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
11590.00	38.71	35.78	7.48	36.09	45.88	54.00	-8.12	Peak
17385.00	36.70	41.12	10.39	36.31	51.90	68.20	-16.30	Peak
23180.00	31.25	44.62	13.12	36.16	52.83	68.20	-15.37	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

7.2 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

Frequency(MHz)	Field strength(microvolts/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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

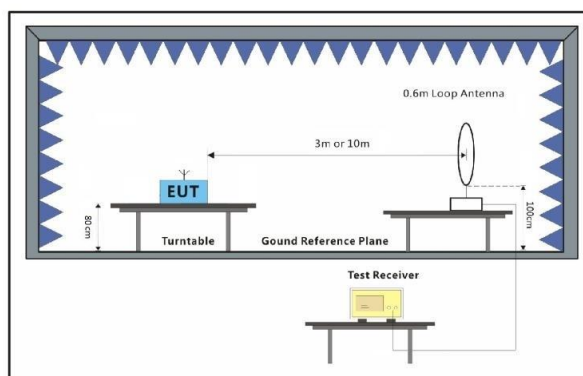
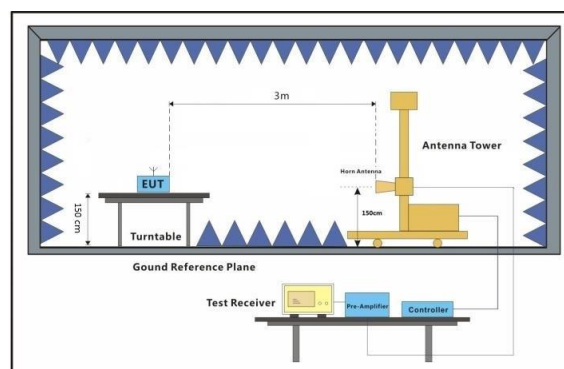
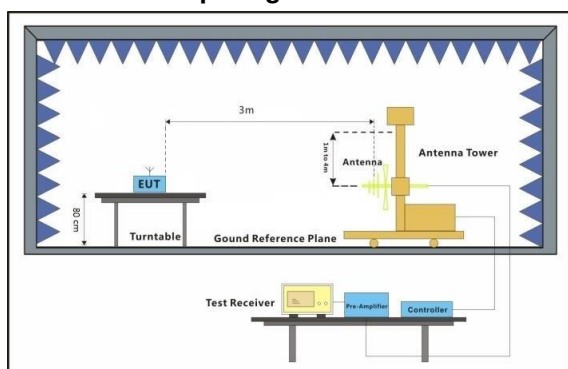
Test mode: a:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

b:TX mode (Band 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

c:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

d:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

7.2.2 Test Setup Diagram

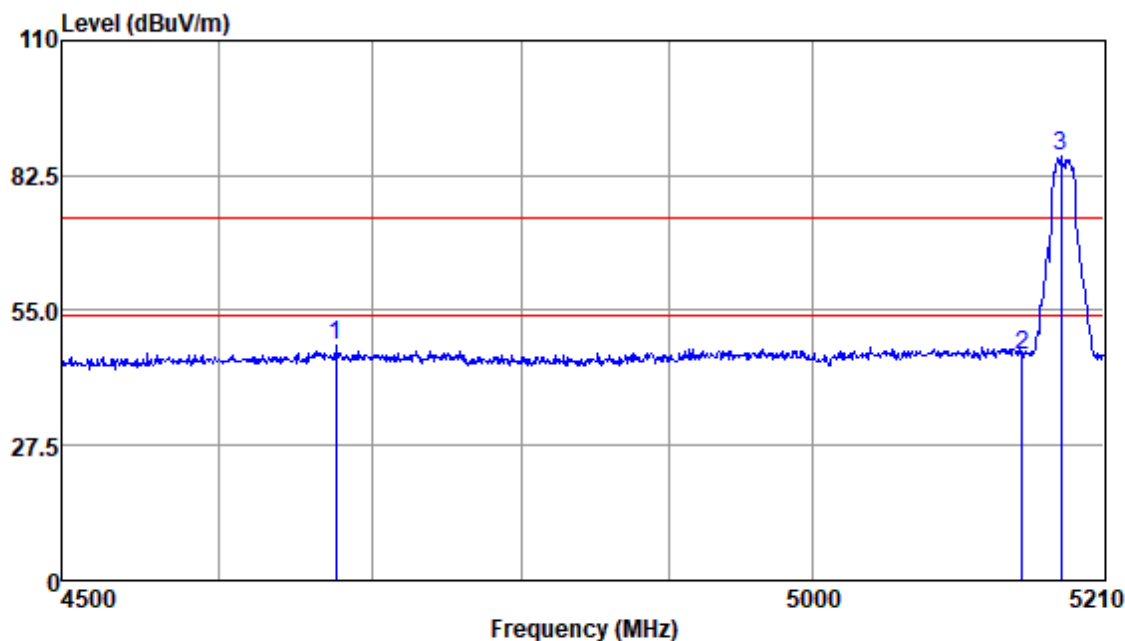


7.2.3 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Mode:a; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low

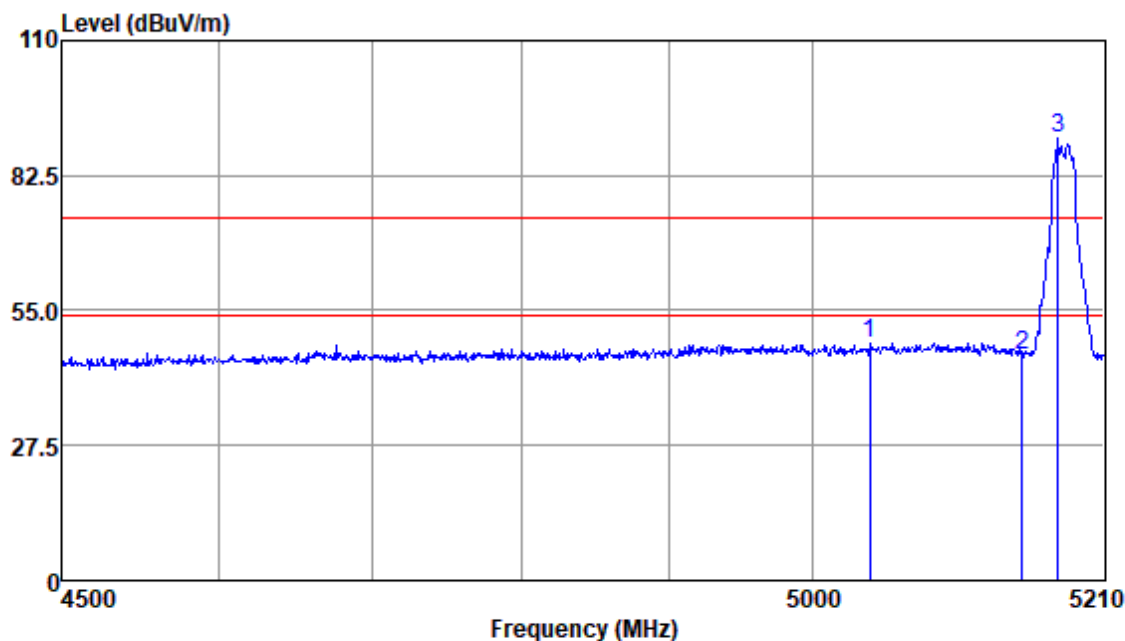


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
4676.08	46.79	30.53	8.95	38.31	47.96	74.00	-26.04	Peak
5150.00	44.13	31.61	9.06	38.81	45.99	74.00	-28.01	Peak
5178.04	84.75	31.65	8.86	38.80	86.46	74.00	12.46	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low

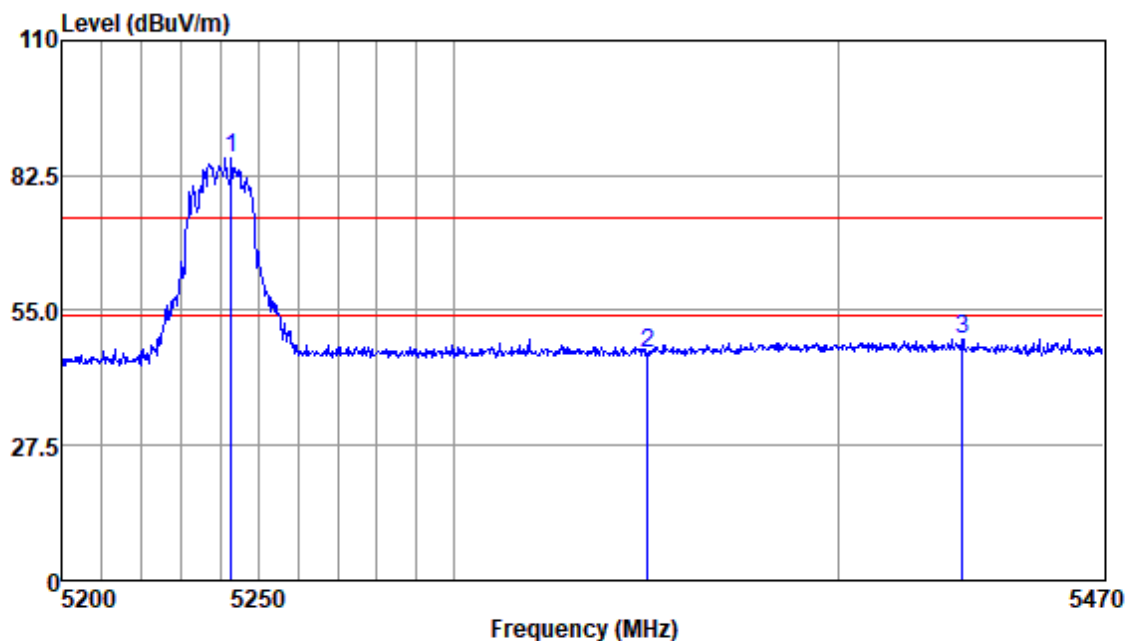


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5041.06	46.28	31.46	9.63	38.87	48.50	74.00	-25.50	Peak
5150.00	44.13	31.61	9.06	38.81	45.99	74.00	-28.01	Peak
5176.52	88.35	31.65	8.86	38.80	90.06	74.00	16.06	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High

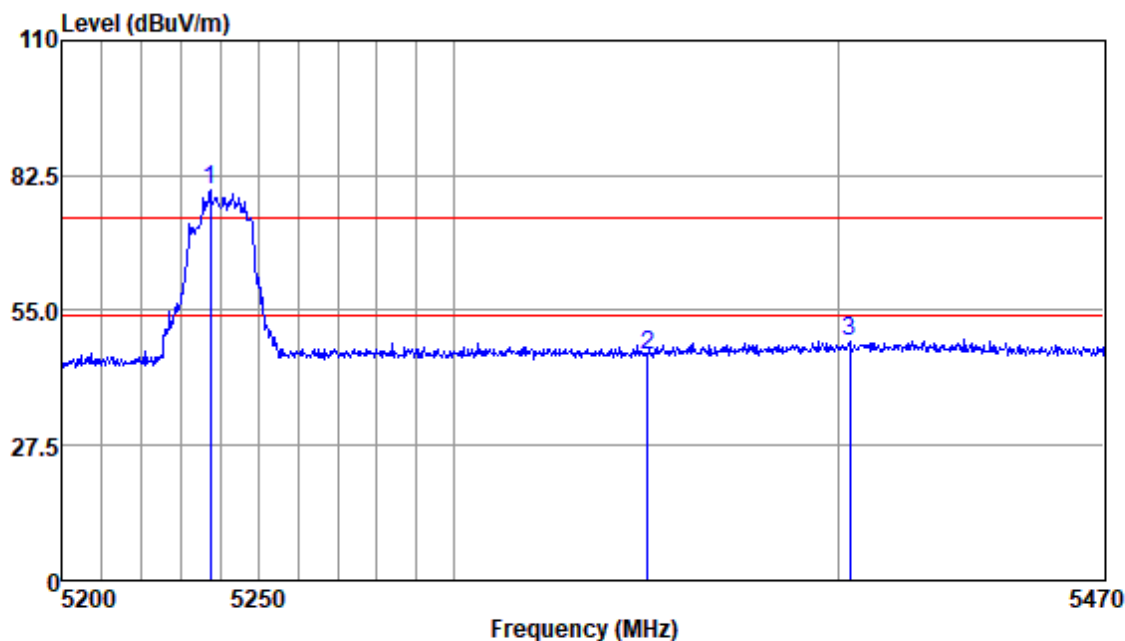


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5242.82	84.46	31.74	8.68	38.77	86.11	74.00	12.11	Peak
5350.00	44.05	31.89	9.20	38.70	46.44	74.00	-27.56	Peak
5432.47	46.49	32.02	9.34	38.65	49.20	74.00	-24.80	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High

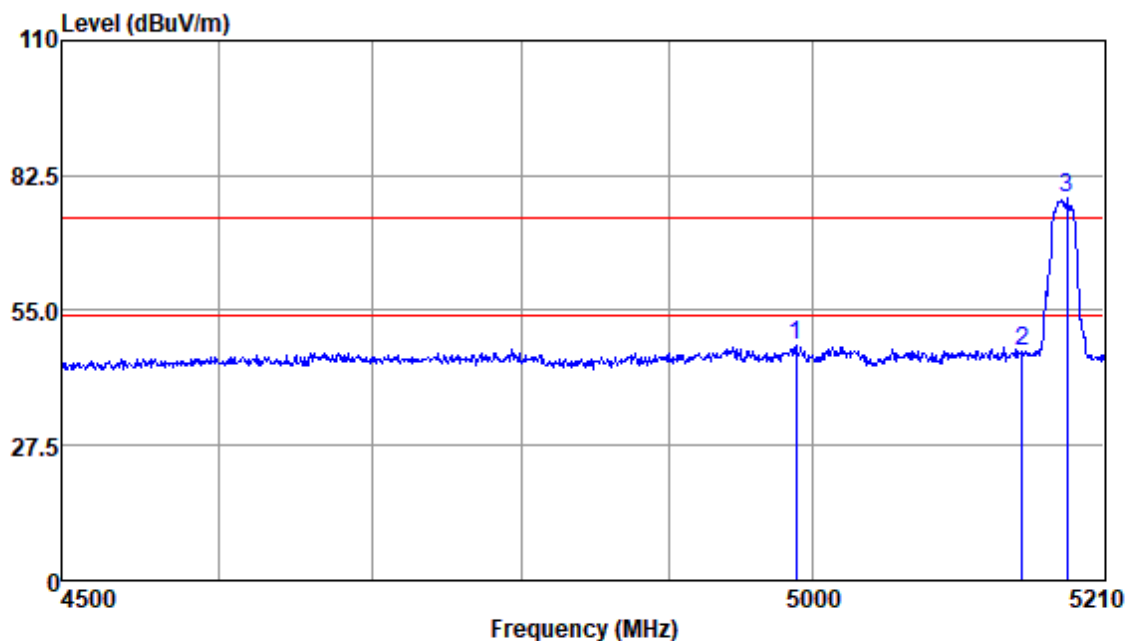


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5237.51	77.76	31.74	8.68	38.77	79.41	74.00	5.41	Peak
5350.00	43.58	31.89	9.20	38.70	45.97	74.00	-28.03	Peak
5402.85	46.10	31.97	9.44	38.67	48.84	74.00	-25.16	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low

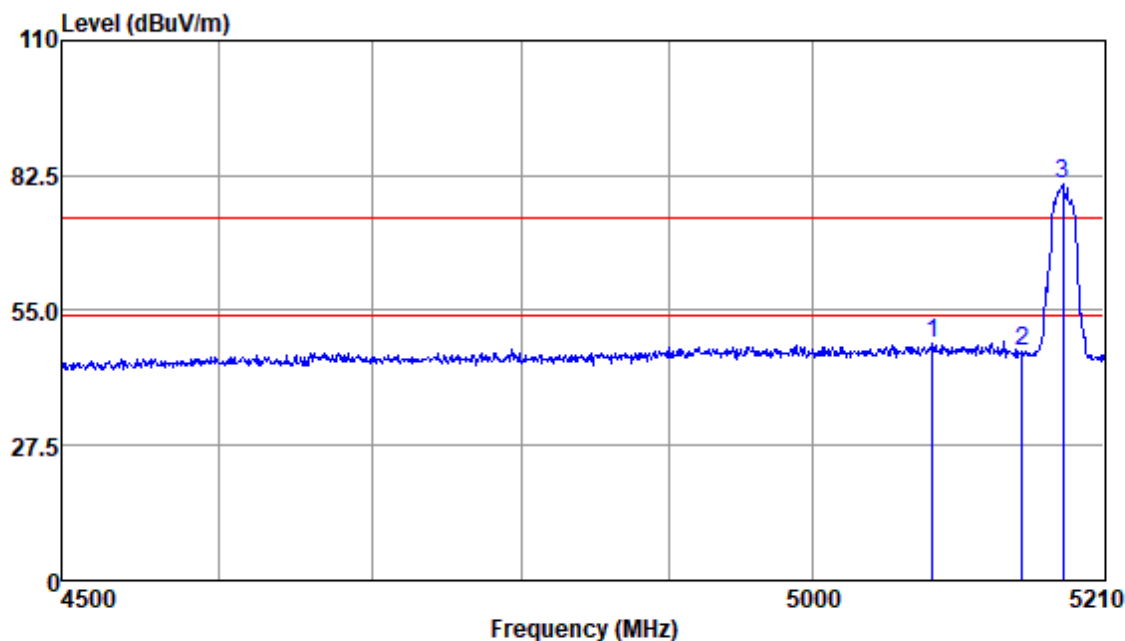


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
4988.90	45.46	31.36	9.76	38.85	47.73	74.00	-26.27	Peak
5150.00	44.80	31.61	9.06	38.81	46.66	74.00	-27.34	Peak
5182.59	76.12	31.65	8.86	38.80	77.83	74.00	3.83	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low

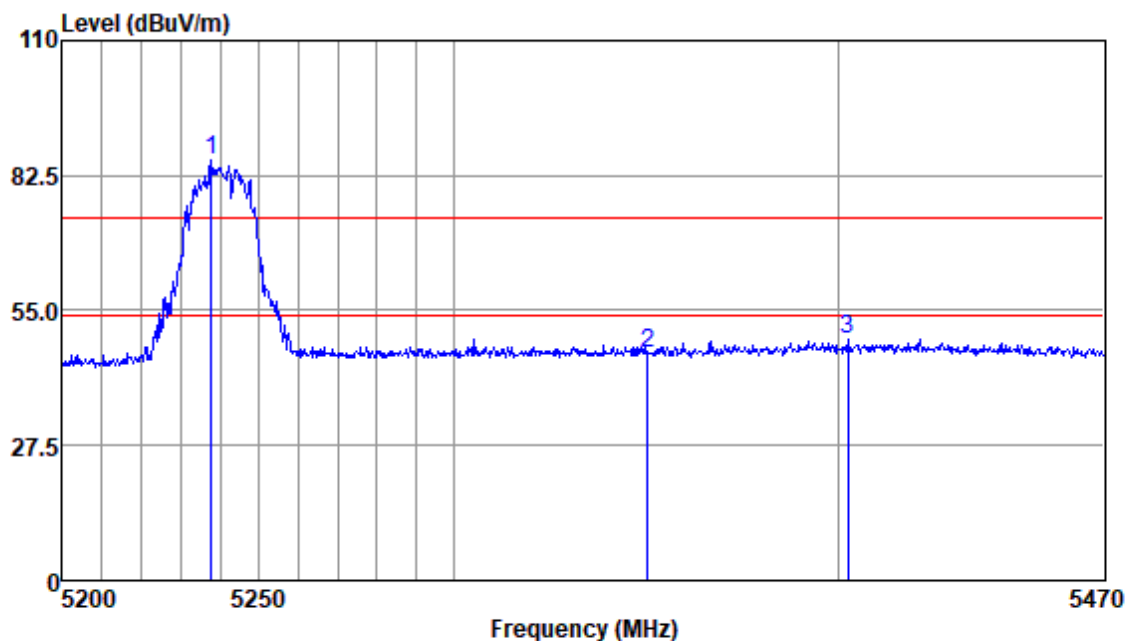


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5085.57	46.17	31.53	9.44	38.84	48.30	74.00	-25.70	Peak
5150.00	44.80	31.61	9.06	38.81	46.66	74.00	-27.34	Peak
5179.56	79.26	31.65	8.86	38.80	80.97	74.00	6.97	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

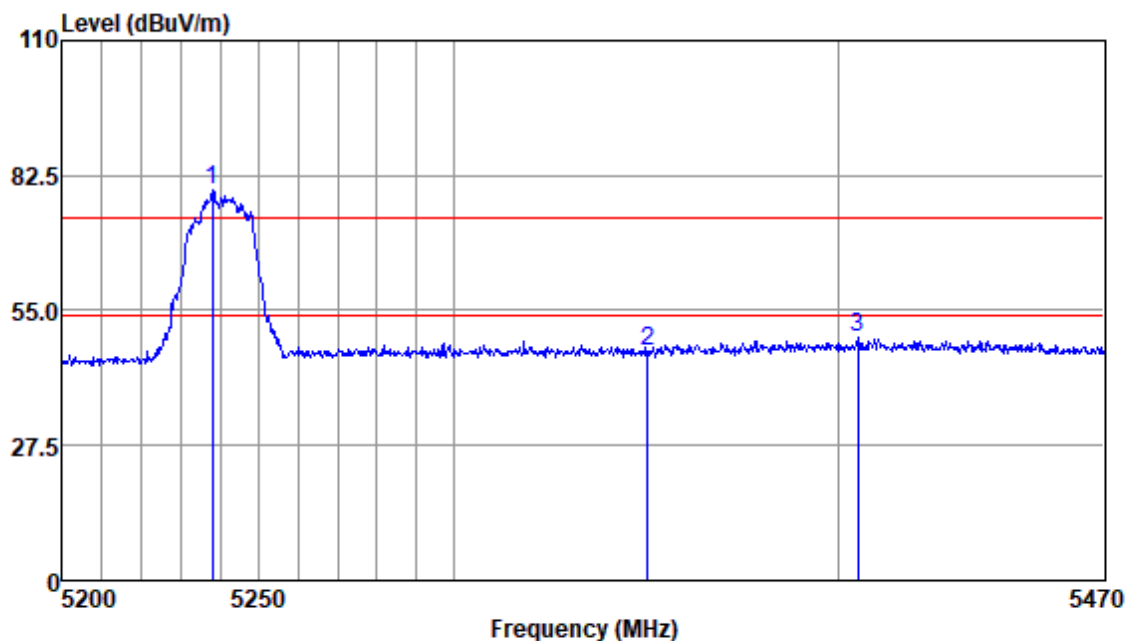


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5237.78	83.88	31.74	8.68	38.77	85.53	74.00	11.53	Peak
5350.00	43.74	31.89	9.20	38.70	46.13	74.00	-27.87	Peak
5402.31	46.26	31.97	9.44	38.67	49.00	74.00	-25.00	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

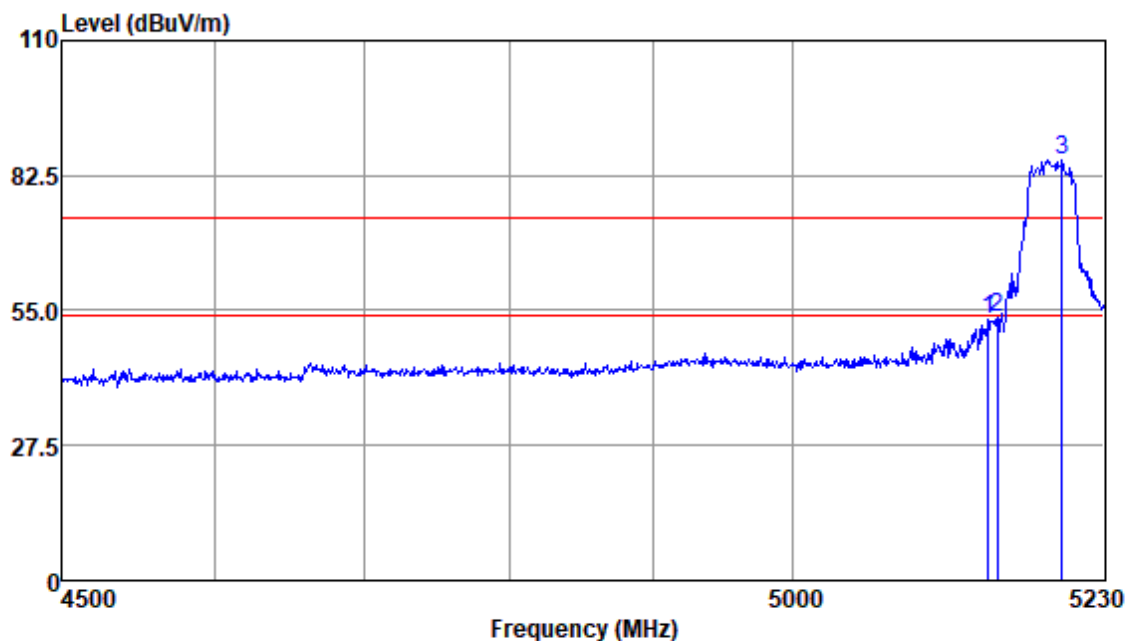


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5238.04	77.97	31.74	8.68	38.77	79.62	74.00	5.62	Peak
5350.00	44.24	31.89	9.20	38.70	46.63	74.00	-27.37	Peak
5404.77	46.80	31.97	9.44	38.67	49.54	74.00	-24.46	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

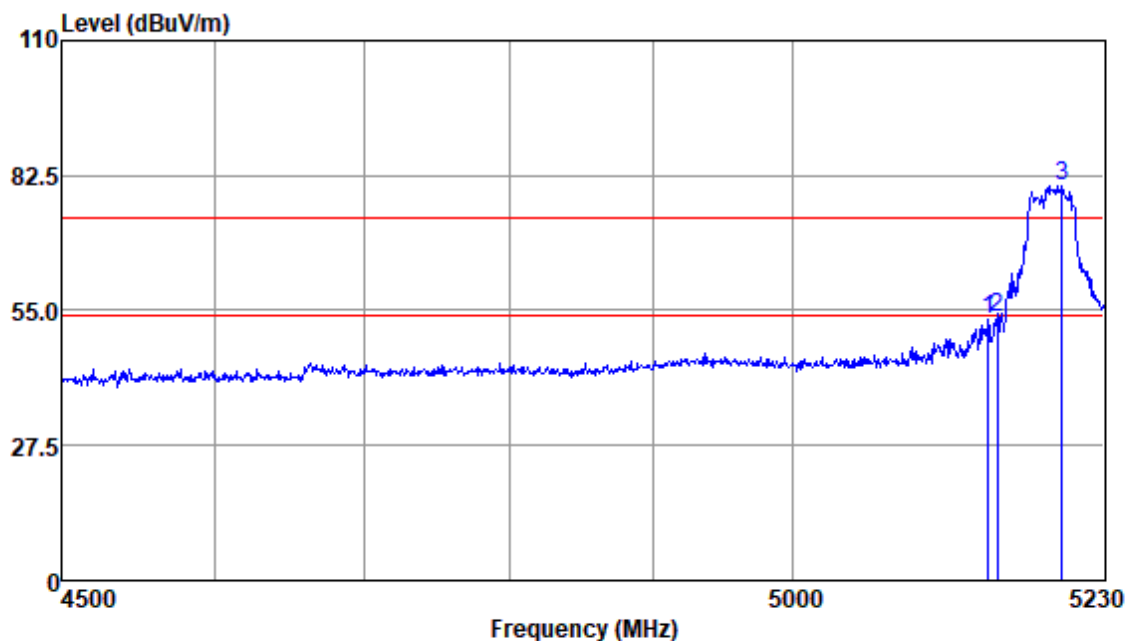


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5143.45	51.35	31.61	9.06	38.81	53.21	74.00	-20.79	Peak
5150.00	51.76	31.61	9.06	38.81	53.62	74.00	-20.38	Peak
5197.86	83.73	31.68	8.86	38.79	85.48	74.00	11.48	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

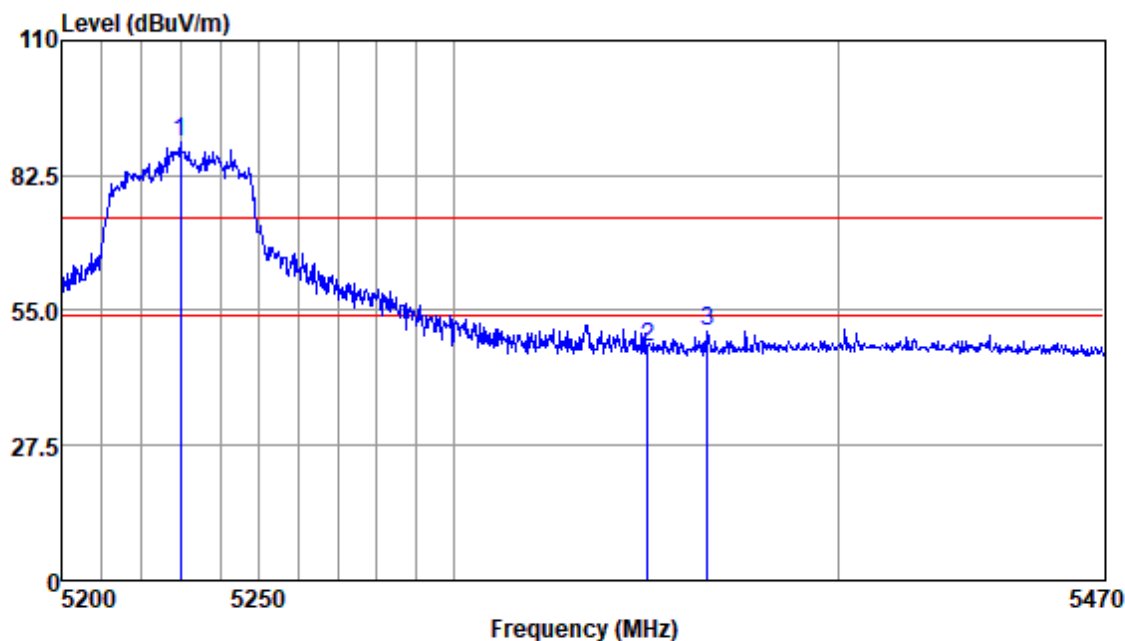


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5143.45	51.35	31.61	9.06	38.81	53.21	74.00	-20.79	Peak
5150.00	51.76	31.61	9.06	38.81	53.62	74.00	-20.38	Peak
5197.86	78.73	31.68	8.86	38.79	80.48	74.00	6.48	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

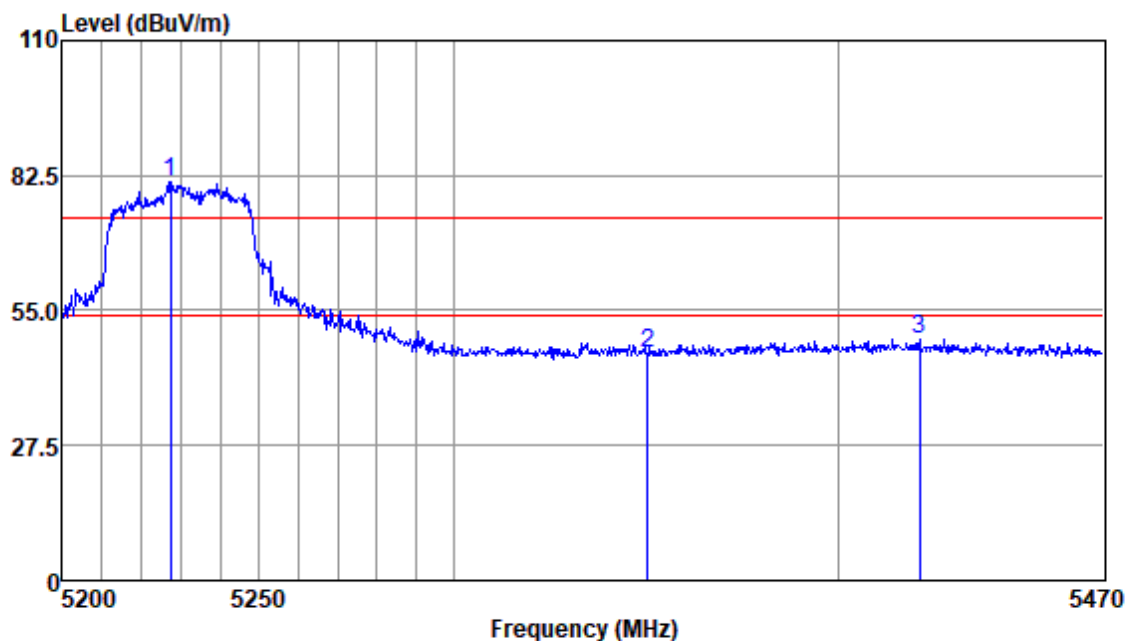


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5229.83	87.51	31.72	8.66	38.78	89.11	74.00	15.11	Peak
5350.00	45.26	31.89	9.20	38.70	47.65	74.00	-26.35	Peak
5365.52	48.44	31.91	9.20	38.69	50.86	74.00	-23.14	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High

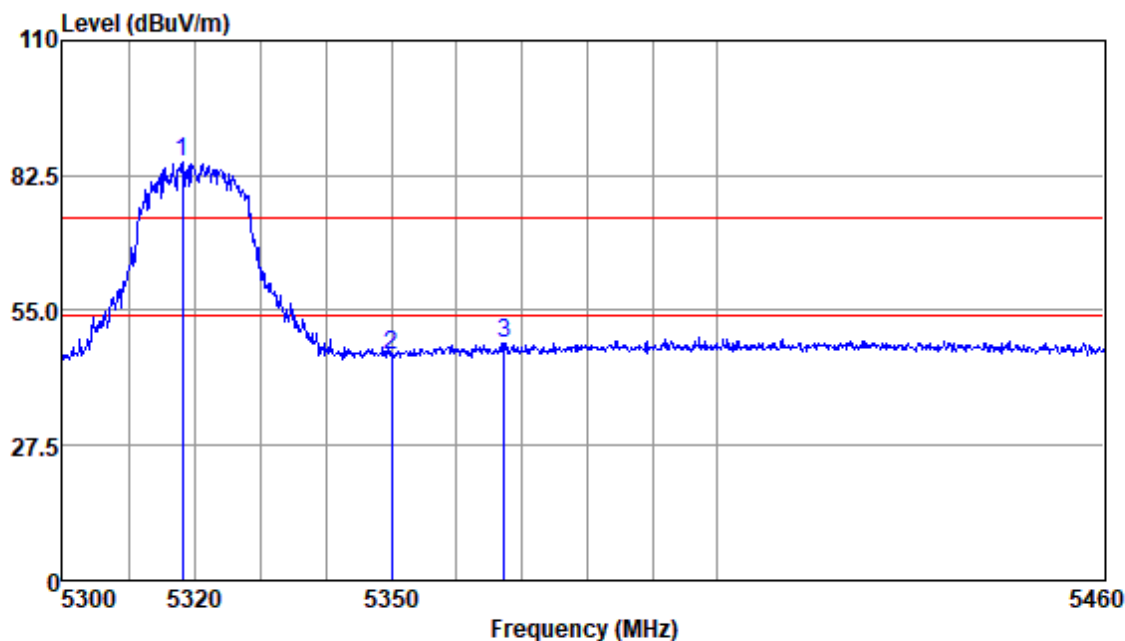


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5227.45	79.74	31.72	8.66	38.78	81.34	74.00	7.34	Peak
5350.00	43.99	31.89	9.20	38.70	46.38	74.00	-27.62	Peak
5421.21	46.64	31.99	9.34	38.66	49.31	74.00	-24.69	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High

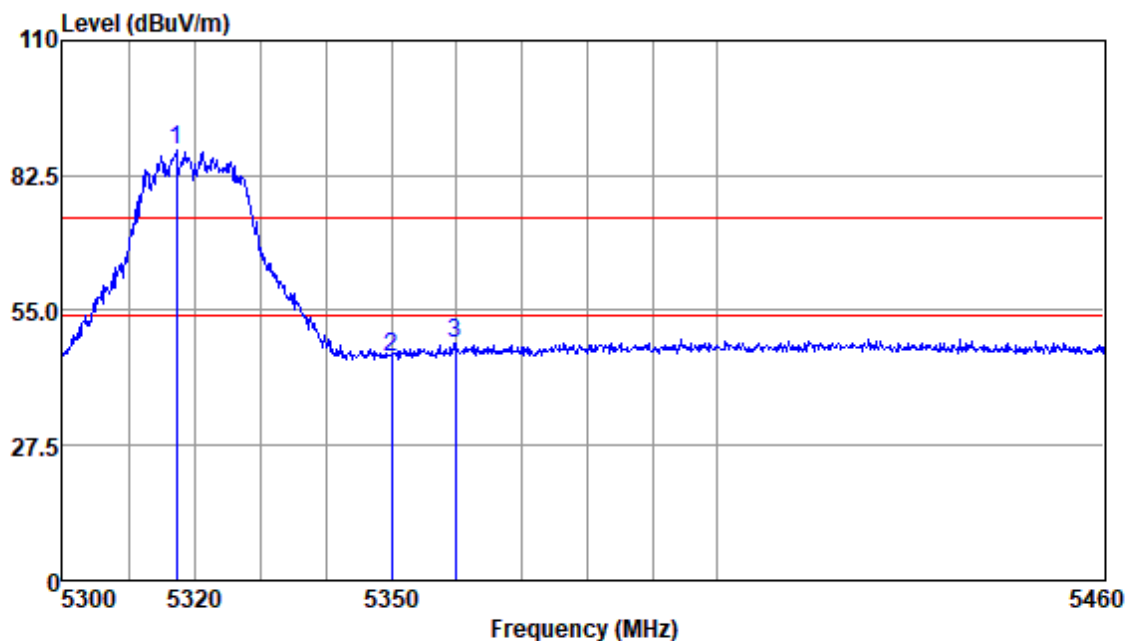


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5318.16	83.09	31.85	8.95	38.72	85.17	74.00	11.17	Peak
5350.00	43.55	31.89	9.20	38.70	45.94	74.00	-28.06	Peak
5367.26	46.07	31.91	9.20	38.69	48.49	74.00	-25.51	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High

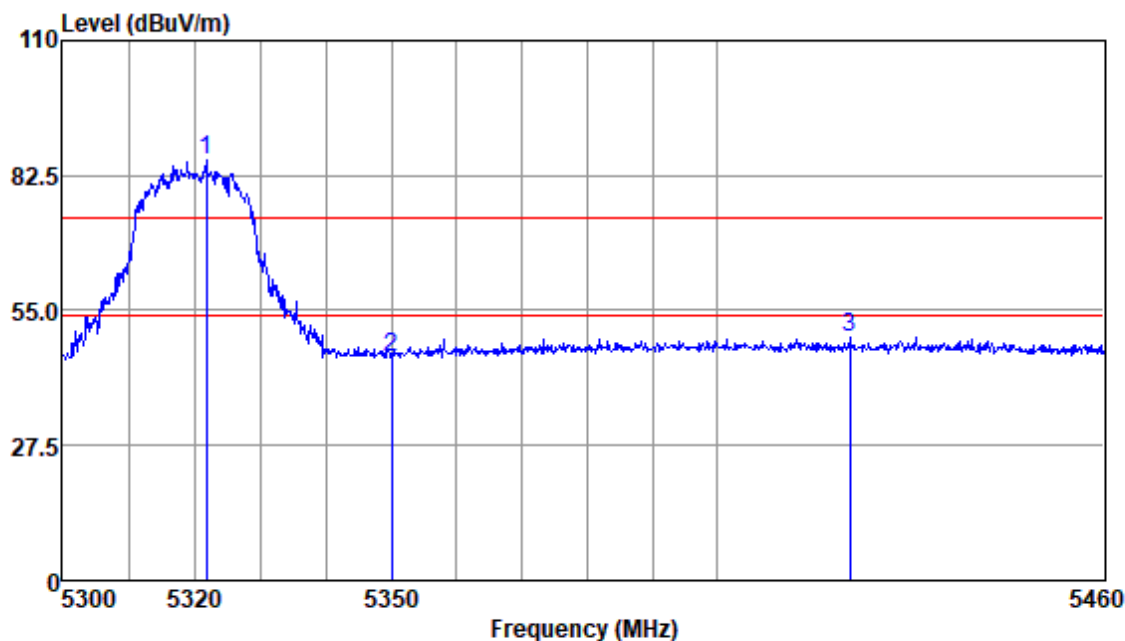


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5317.21	85.52	31.85	8.95	38.72	87.60	74.00	13.60	Peak
5350.00	43.17	31.89	9.20	38.70	45.56	74.00	-28.44	Peak
5359.76	45.88	31.91	9.20	38.69	48.30	74.00	-25.70	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

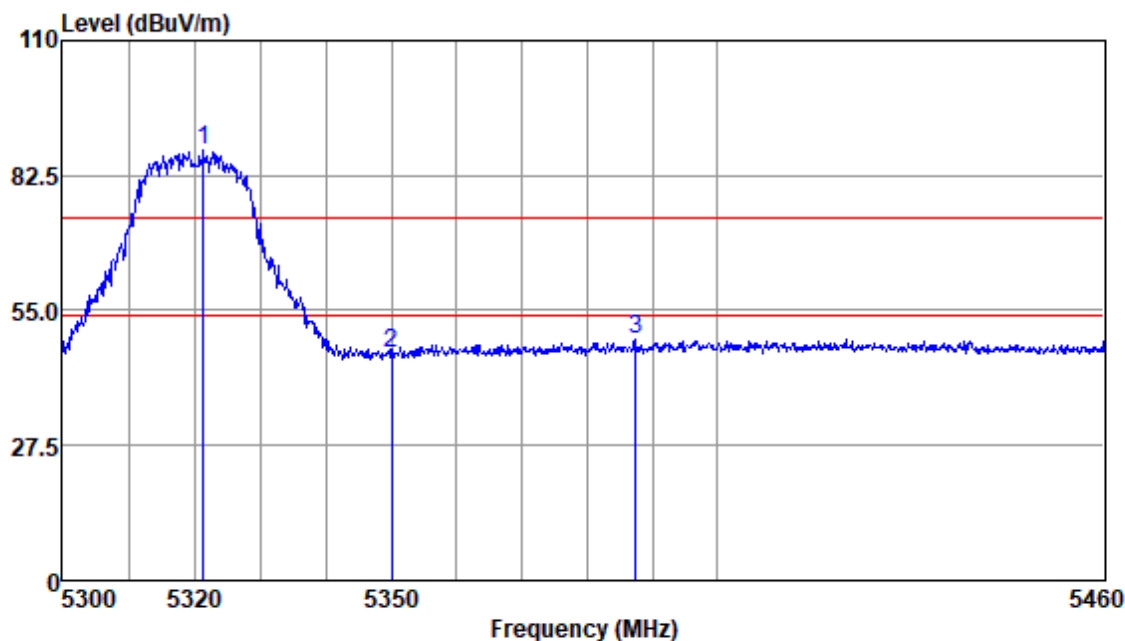


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5321.80	83.54	31.85	8.95	38.72	85.62	74.00	11.62	Peak
5350.00	42.95	31.89	9.20	38.70	45.34	74.00	-28.66	Peak
5420.52	46.94	31.99	9.34	38.66	49.61	74.00	-24.39	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

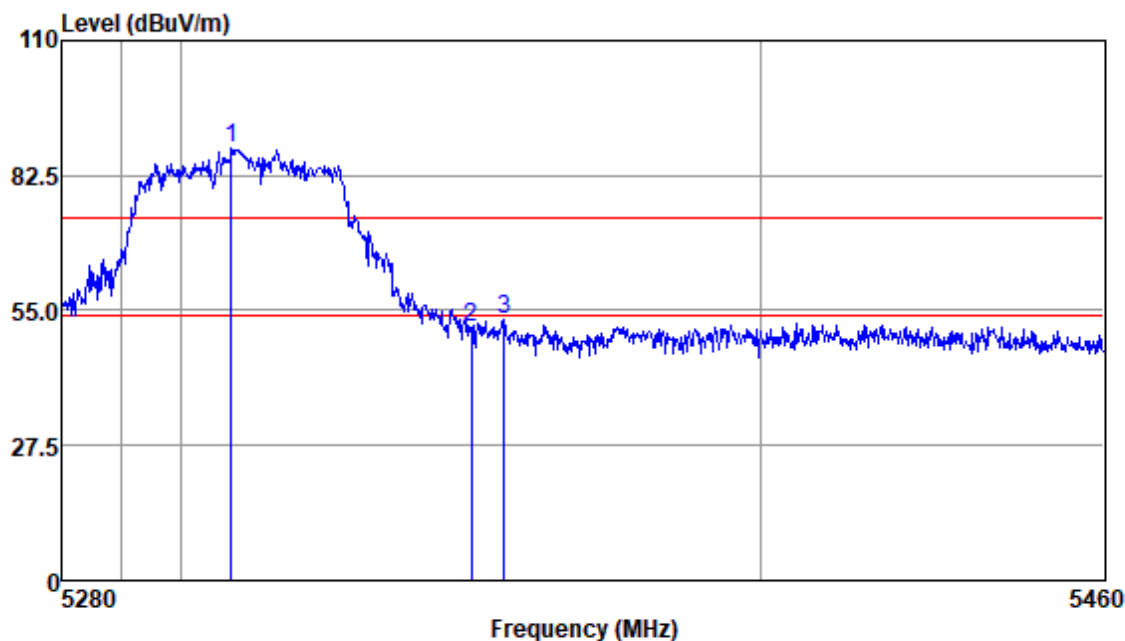


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5321.32	85.63	31.85	8.95	38.72	87.71	74.00	13.71	Peak
5350.00	43.97	31.89	9.20	38.70	46.36	74.00	-27.64	Peak
5387.41	46.48	31.95	9.44	38.68	49.19	74.00	-24.81	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

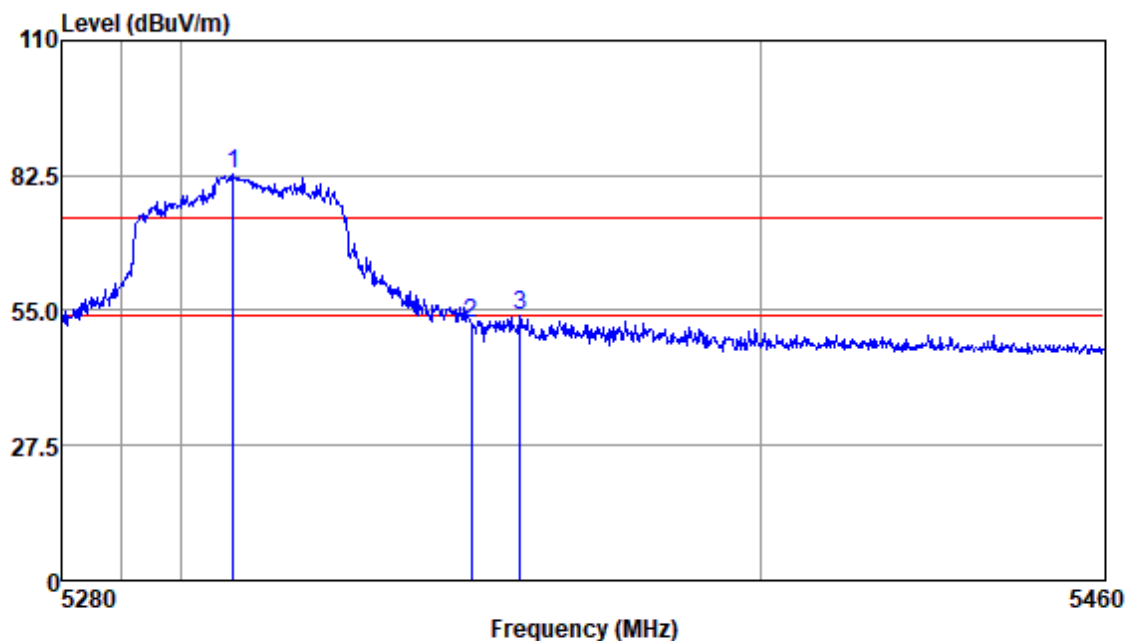


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5308.75	86.08	31.85	8.95	38.72	88.16	74.00	14.16	Peak
5350.00	48.97	31.89	9.20	38.70	51.36	74.00	-22.64	Peak
5355.58	50.87	31.91	9.20	38.69	53.29	74.00	-20.71	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:b; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High

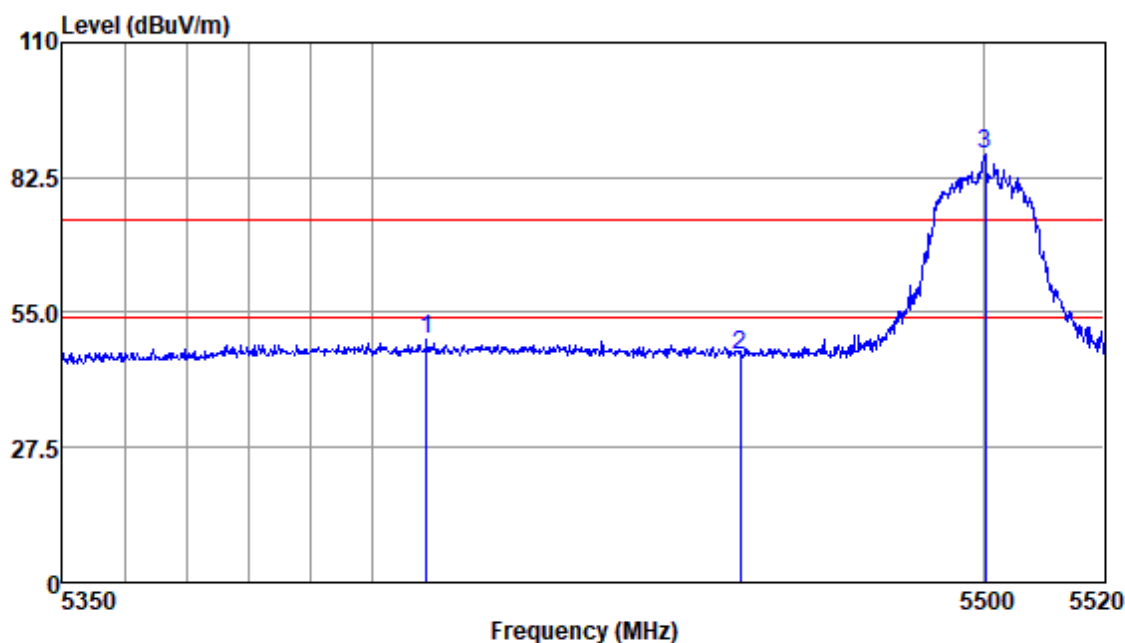


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5309.11	80.77	31.85	8.95	38.72	82.85	74.00	8.85	Peak
5350.00	50.05	31.89	9.20	38.70	52.44	74.00	-21.56	Peak
5358.28	51.55	31.91	9.20	38.69	53.97	74.00	-20.03	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low

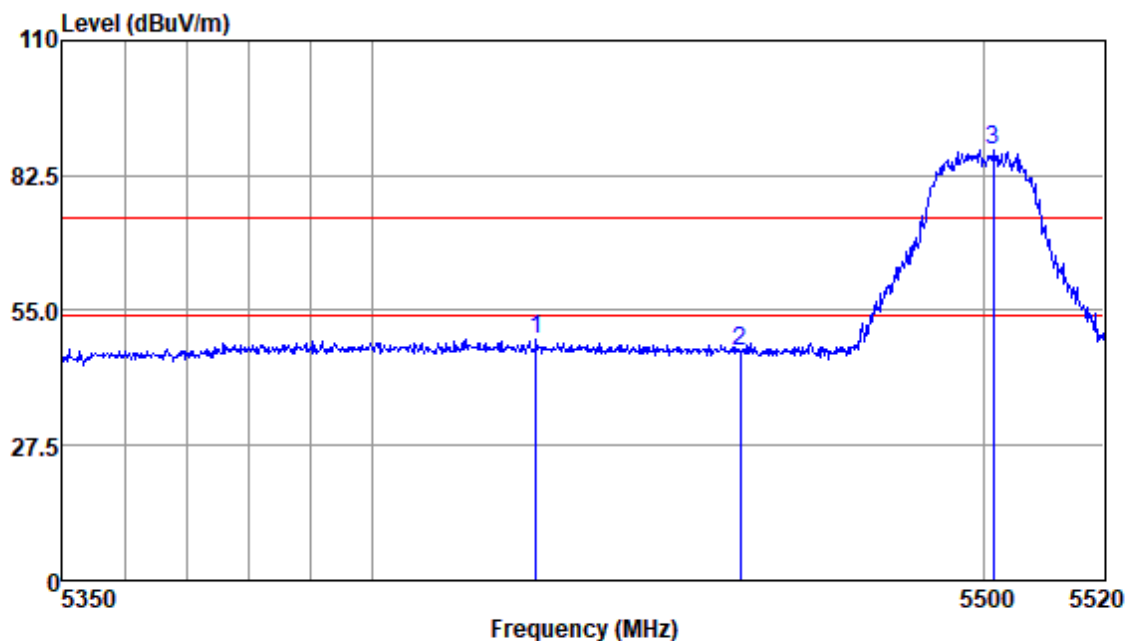


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5408.73	46.64	31.97	9.44	38.67	49.38	74.00	-24.62	Peak
5460.00	43.52	32.04	9.23	38.64	46.15	74.00	-27.85	Peak
5500.35	84.48	32.10	9.13	38.61	87.10	74.00	13.10	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low

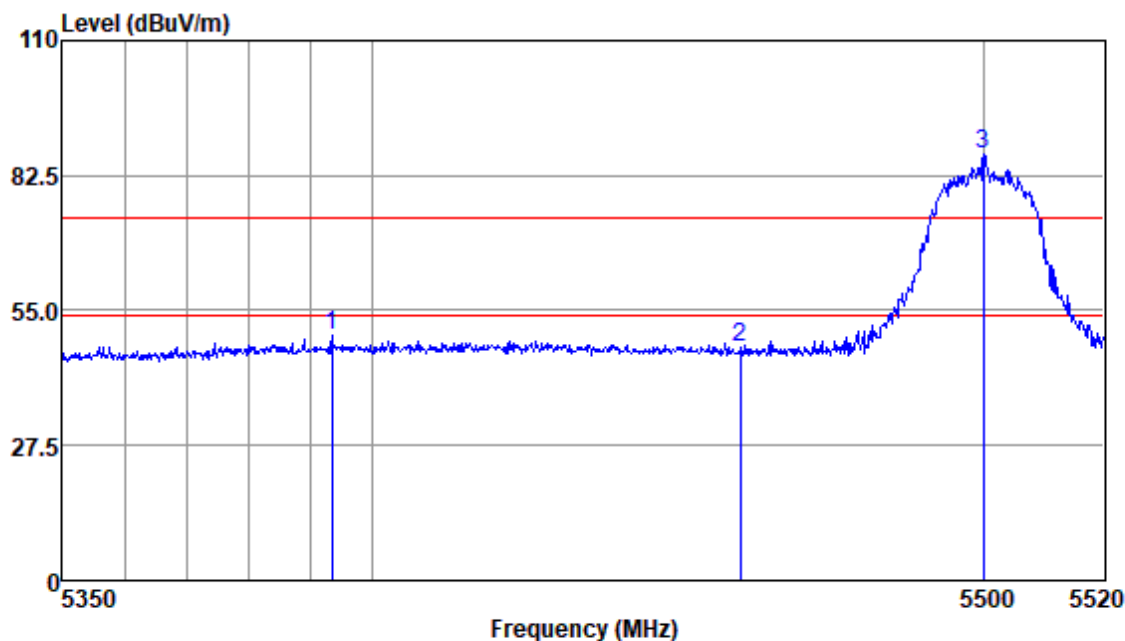


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5426.69	46.28	31.99	9.34	38.66	48.95	74.00	-25.05	Peak
5460.00	44.04	32.04	9.23	38.64	46.67	74.00	-27.33	Peak
5501.56	84.98	32.10	9.13	38.61	87.60	74.00	13.60	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low

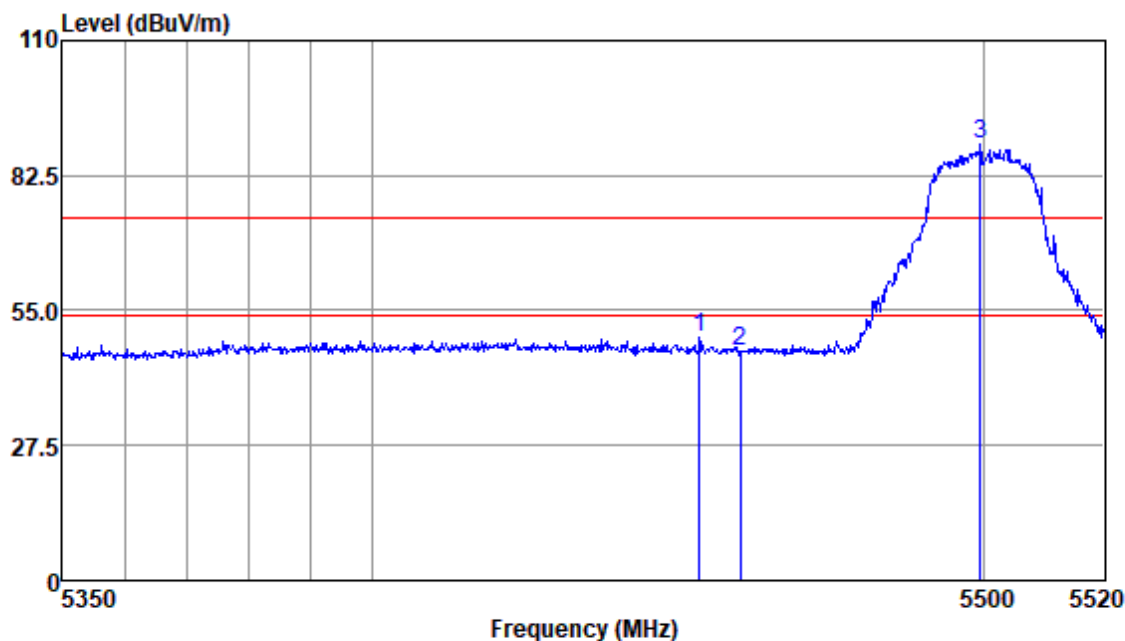


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5393.52	47.08	31.95	9.44	38.68	49.79	74.00	-24.21	Peak
5460.00	44.86	32.04	9.23	38.64	47.49	74.00	-26.51	Peak
5500.01	84.33	32.10	9.13	38.61	86.95	74.00	12.95	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low

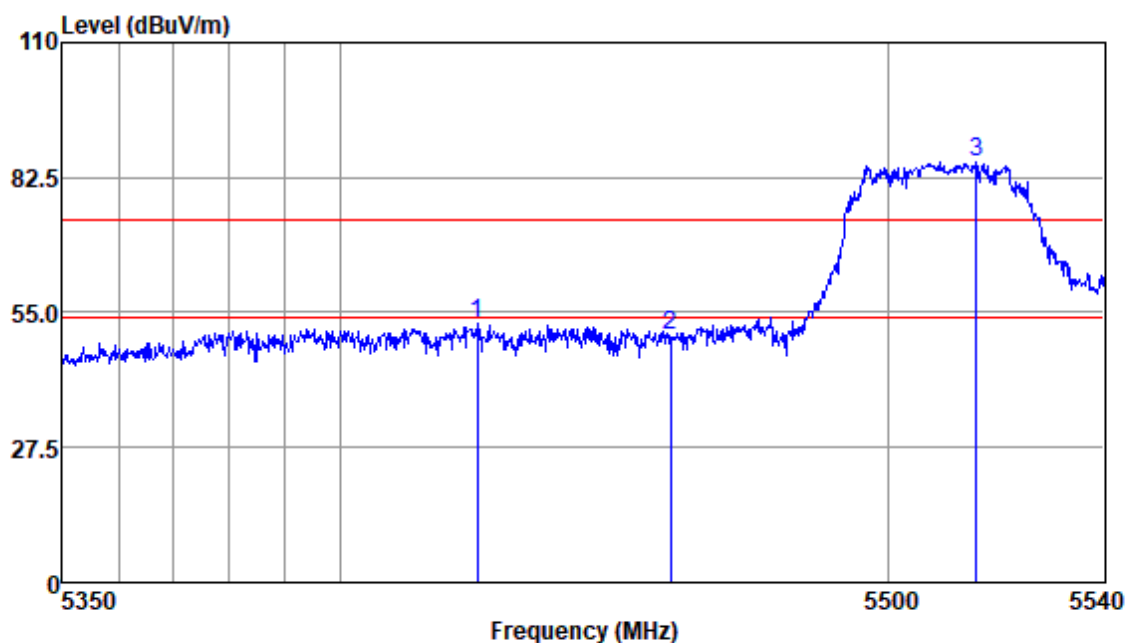


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5453.24	46.90	32.04	9.23	38.64	49.53	74.00	-24.47	Peak
5460.00	44.17	32.04	9.23	38.64	46.80	74.00	-27.20	Peak
5499.49	86.13	32.10	9.13	38.61	88.75	74.00	14.75	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

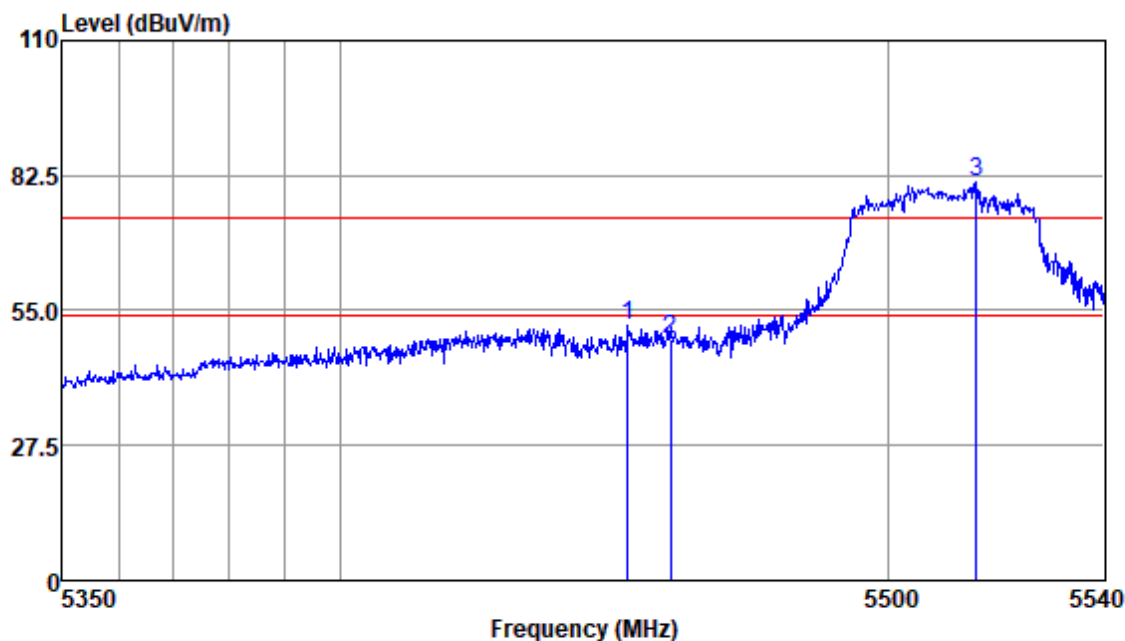


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5424.83	50.09	31.99	9.34	38.66	52.76	74.00	-21.24	Peak
5460.00	47.78	32.04	9.23	38.64	50.41	74.00	-23.59	Peak
5516.27	83.03	32.10	9.13	38.60	85.66	74.00	11.66	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:c; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

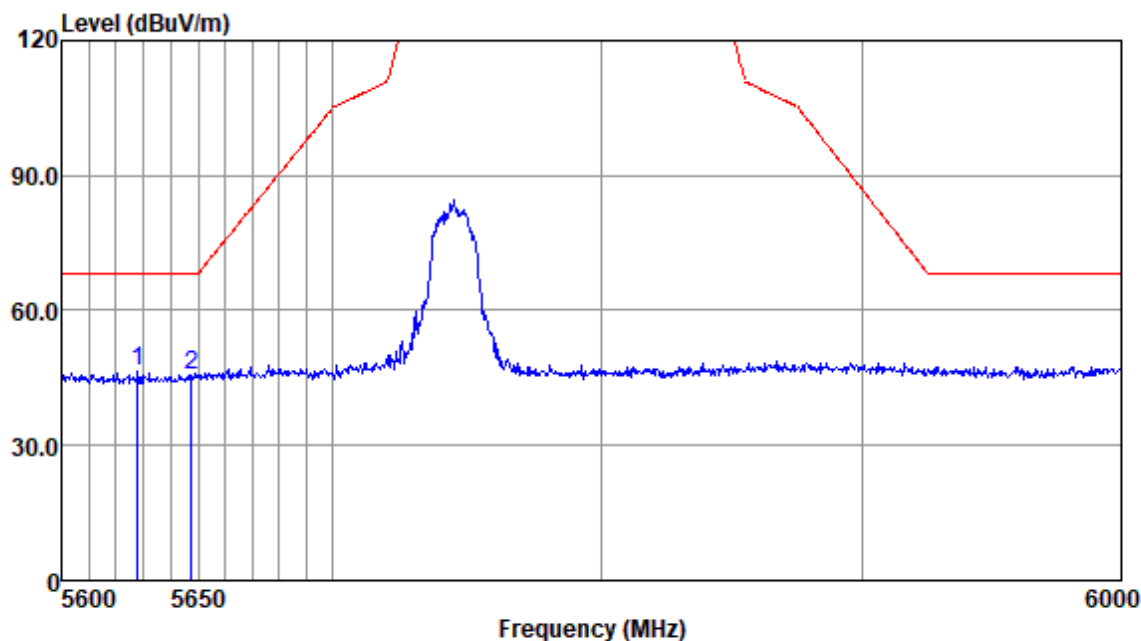


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5452.35	49.12	32.04	9.23	38.64	51.75	74.00	-22.25	Peak
5460.00	46.31	32.04	9.23	38.64	48.94	74.00	-25.06	Peak
5516.27	78.51	32.10	9.13	38.60	81.14	74.00	7.14	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low

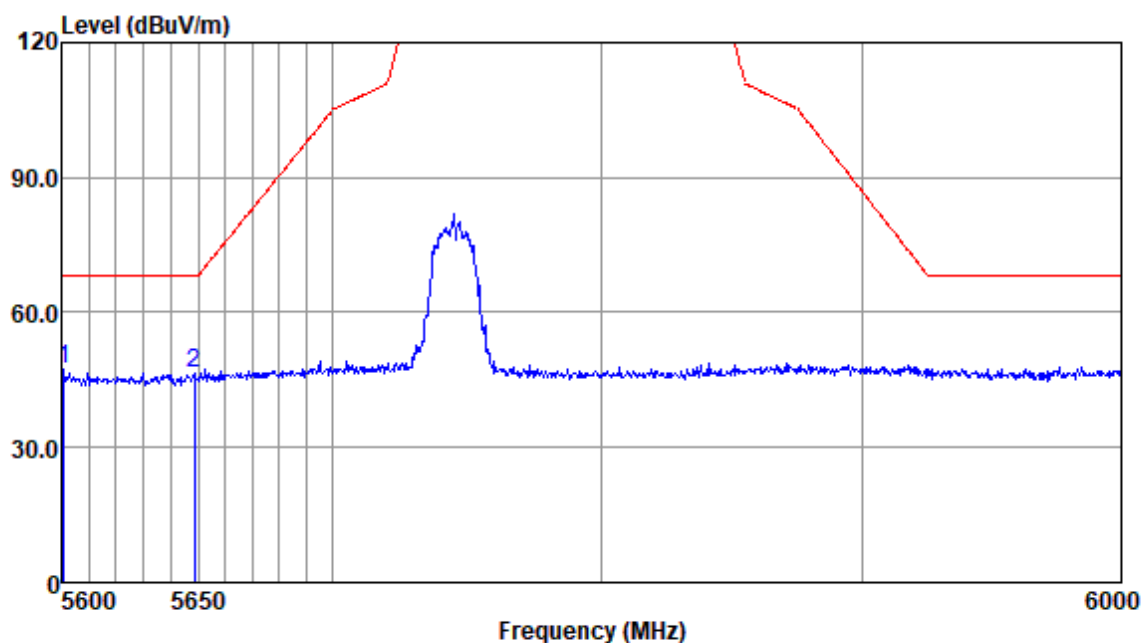


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5627.89	44.25	32.13	8.95	38.68	46.65	68.20	-21.55	Peak
5647.73	43.25	32.13	9.01	38.69	45.70	68.20	-22.50	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low

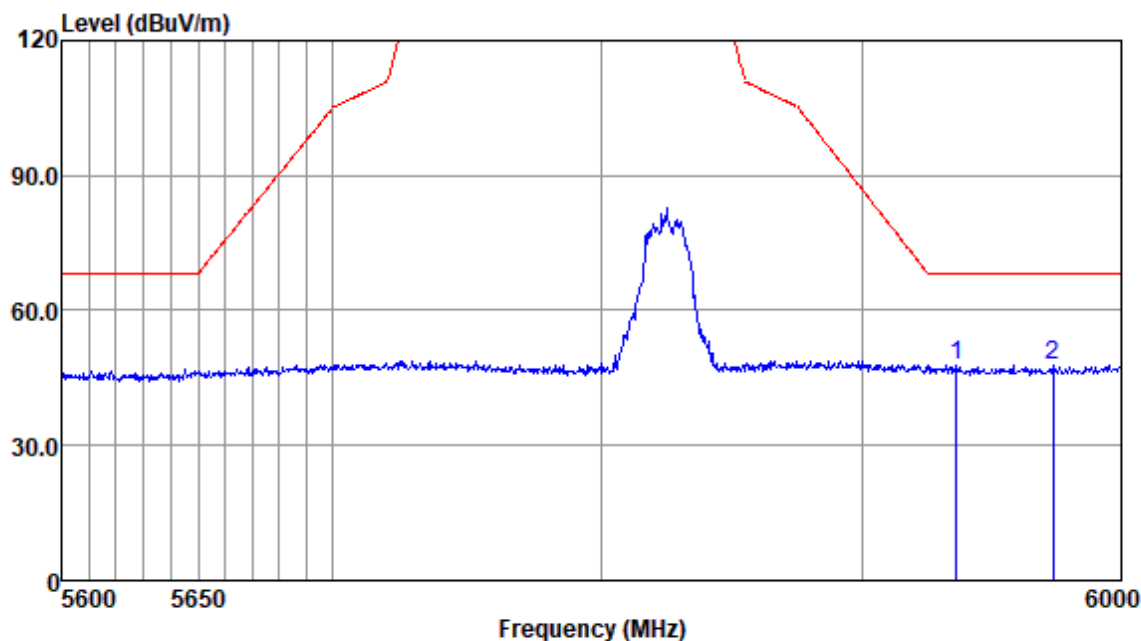


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5600.77	44.90	32.12	8.95	38.66	47.31	68.20	-20.89	Peak
5648.50	44.24	32.13	9.01	38.69	46.69	68.20	-21.51	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High

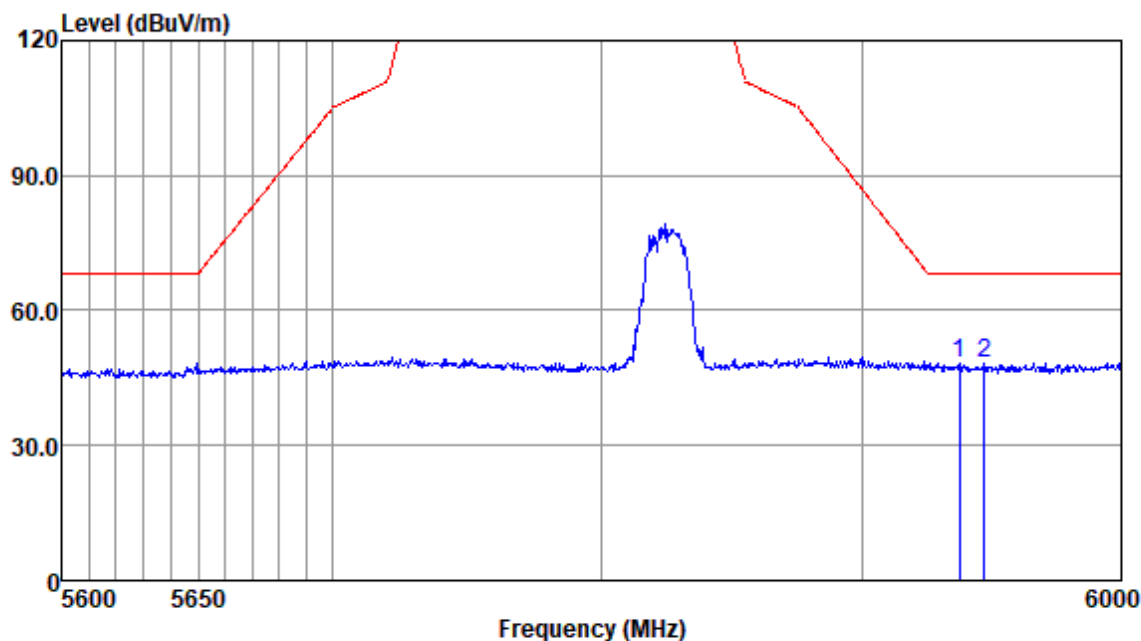


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5935.77	45.45	32.19	8.96	38.67	47.93	68.20	-20.27	Peak
5973.57	45.38	32.19	8.99	38.64	47.92	68.20	-20.28	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High

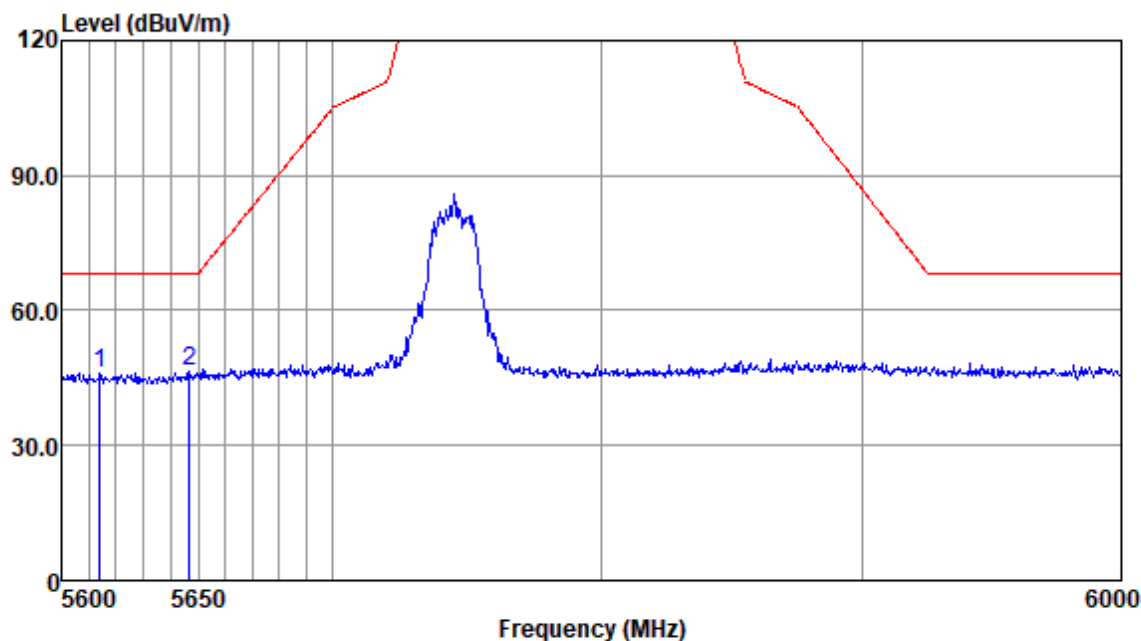


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5937.00	45.86	32.19	8.96	38.67	48.34	68.20	-19.86	Peak
5946.84	45.96	32.19	8.96	38.66	48.45	68.20	-19.75	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low

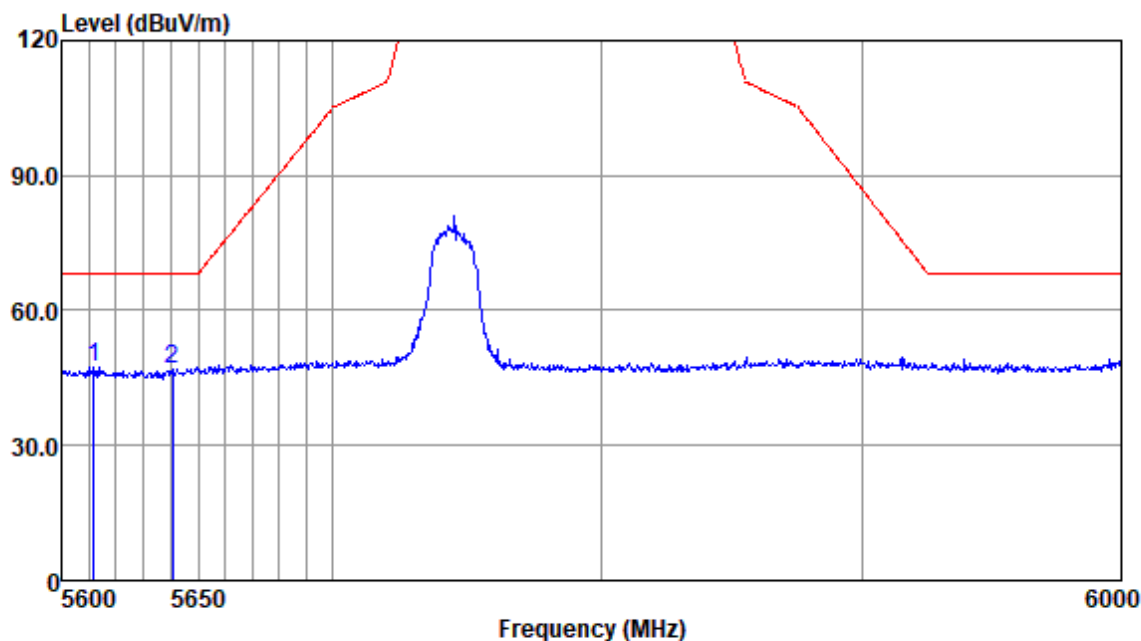


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5613.93	43.65	32.12	8.95	38.67	46.05	68.20	-22.15	Peak
5646.95	43.87	32.13	9.01	38.69	46.32	68.20	-21.88	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low

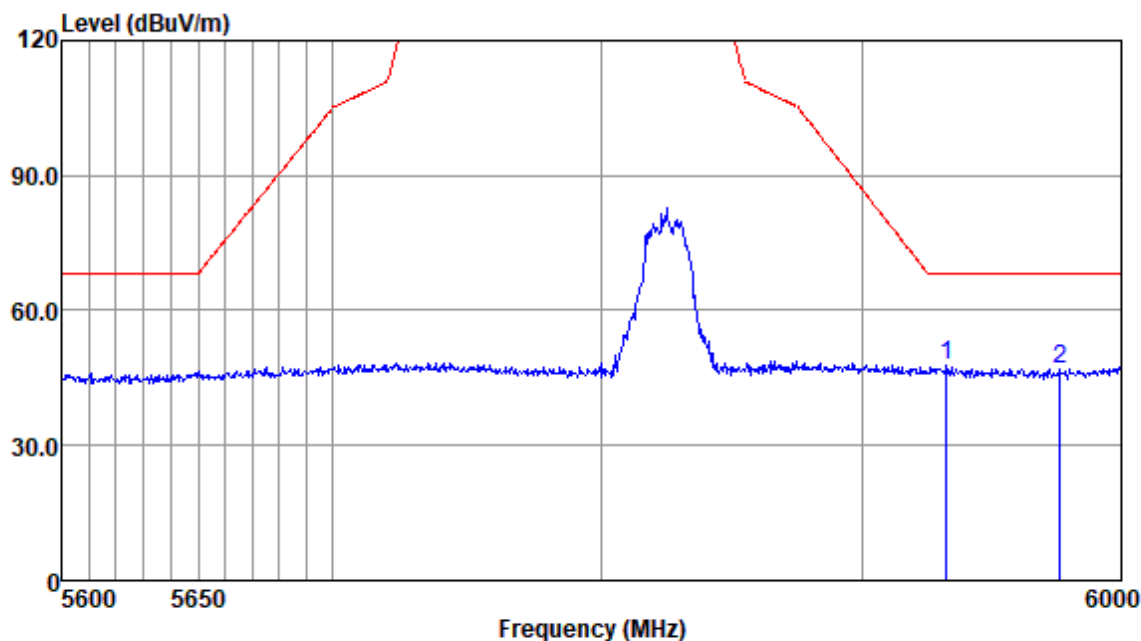


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5611.99	44.85	32.12	8.95	38.67	47.25	68.20	-20.95	Peak
5640.72	44.38	32.13	9.01	38.69	46.83	68.20	-21.37	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High

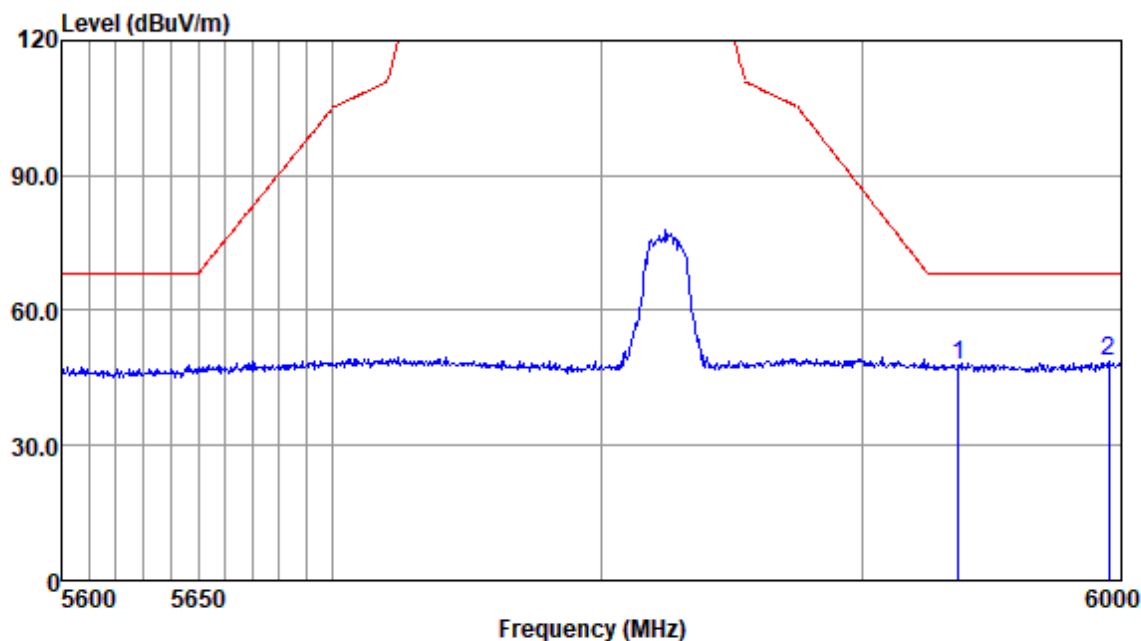


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5932.08	45.27	32.19	8.96	38.67	47.75	68.20	-20.45	Peak
5976.04	44.56	32.20	8.99	38.63	47.12	68.20	-21.08	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High

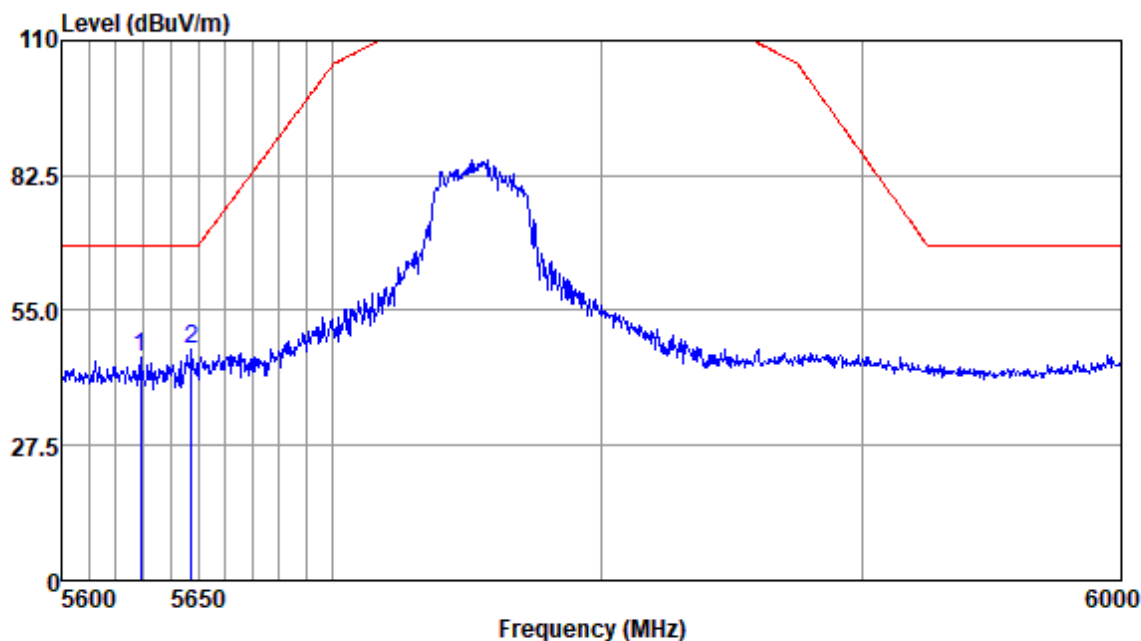


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5936.59	45.54	32.19	8.96	38.67	48.02	68.20	-20.18	Peak
5995.04	46.02	32.20	9.02	38.61	48.63	68.20	-19.57	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low

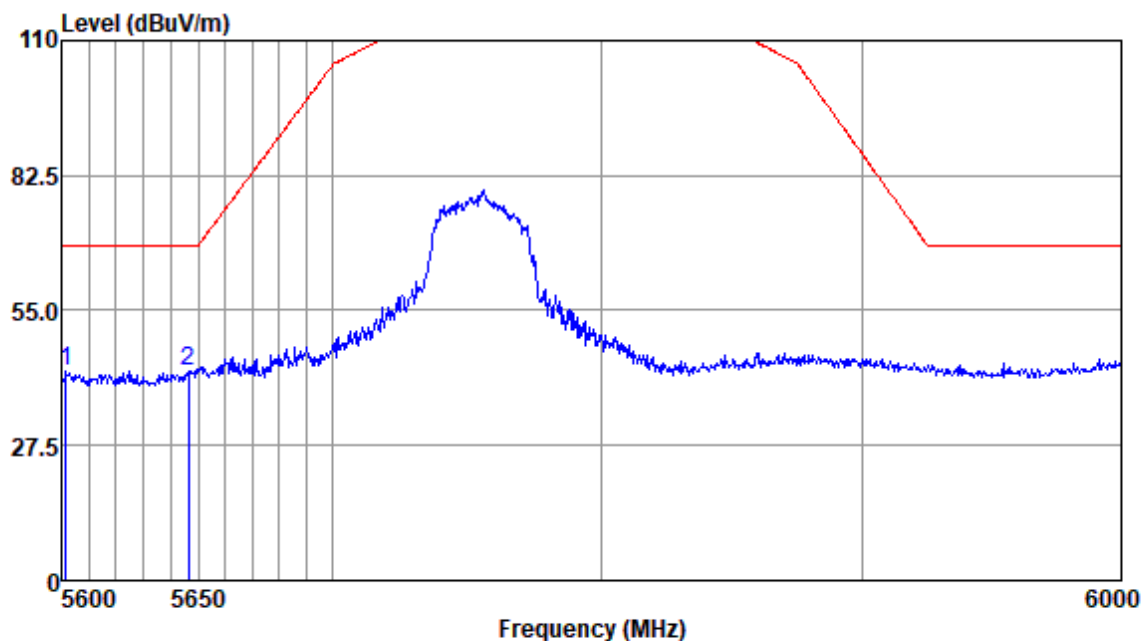


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5629.05	43.05	32.13	8.95	38.68	45.45	68.20	-22.75	Peak
5647.73	44.67	32.13	9.01	38.69	47.12	68.20	-21.08	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low

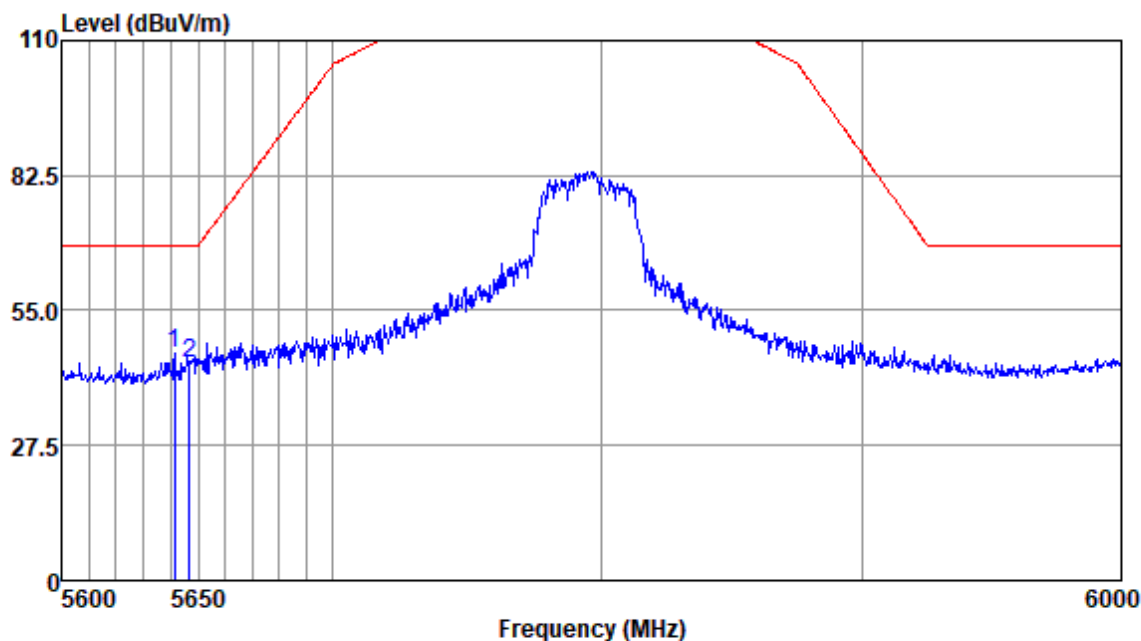


Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
5601.55	40.40	32.12	8.95	38.66	42.81	68.20	-25.39	Peak
5646.56	40.25	32.13	9.01	38.69	42.70	68.20	-25.50	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High

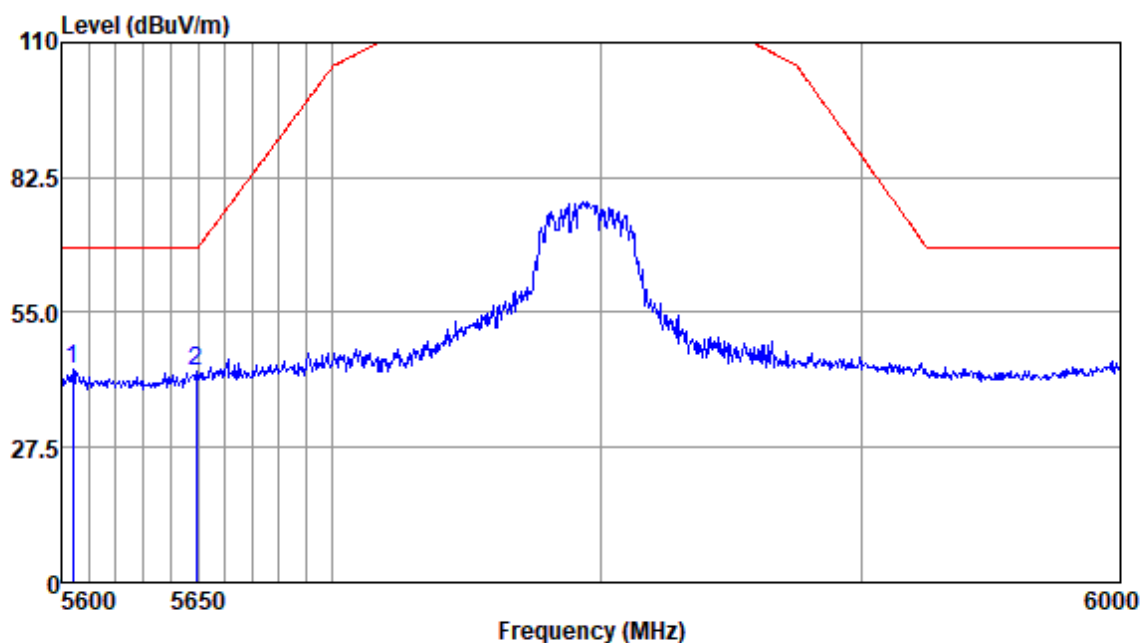


Antenna Polarity :HORIZONTAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Emission Level	Limit Line	Over Limit	Remark
MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5641.49	43.92	32.13	9.01	38.69	46.37	68.20	-21.83	Peak
5646.95	41.77	32.13	9.01	38.69	44.22	68.20	-23.98	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamplifier Factor

Mode:d; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



Antenna Polarity :VERTICAL

Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
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MHz	dBuv	dB/m	dB	dB	dBuv/m	dBuv/m	dB	
5604.25	40.82	32.12	8.95	38.66	43.23	68.20	-24.97	Peak
5649.28	40.45	32.13	9.01	38.69	42.90	68.20	-25.30	Peak

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor



8 Test Setup Photographs

Refer to the < Test Setup photos-FCC>.

9 EUT Constructional Details

Refer to the < Photos >.

- End of the Report -