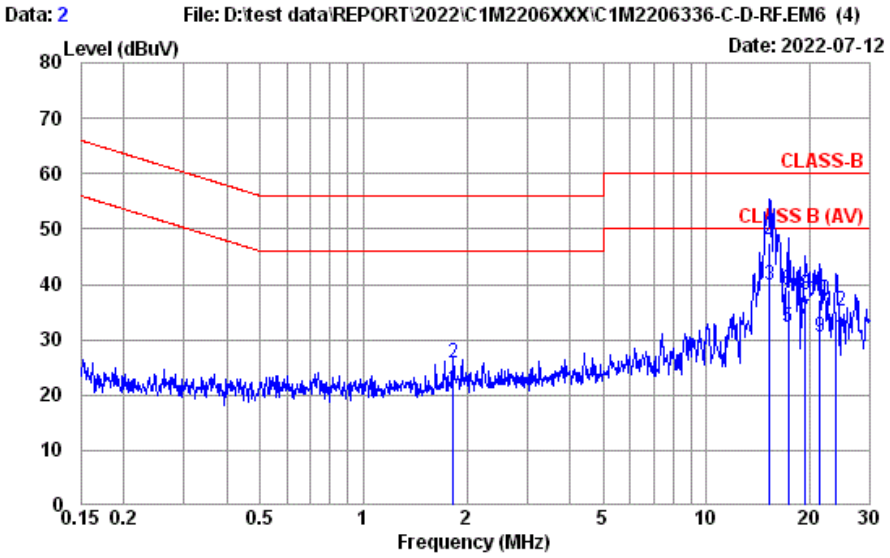
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

TABLE OF CONTENTS

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.1 CONDUCTED EMISSION

Test Date	2022/07/12	Temp./Hum.	26°C/58%
Test Voltage	DC 3.3V	Tested By	Ken Yang



Site No. : No.8 Shielded Room
Instrument 1 : Receiver ESR3(774)
Instrument 2 : ENV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : CLASS-B
Environment : 26°C / 58%
EUT Model : WL1BKT22
Test Mode : Operating

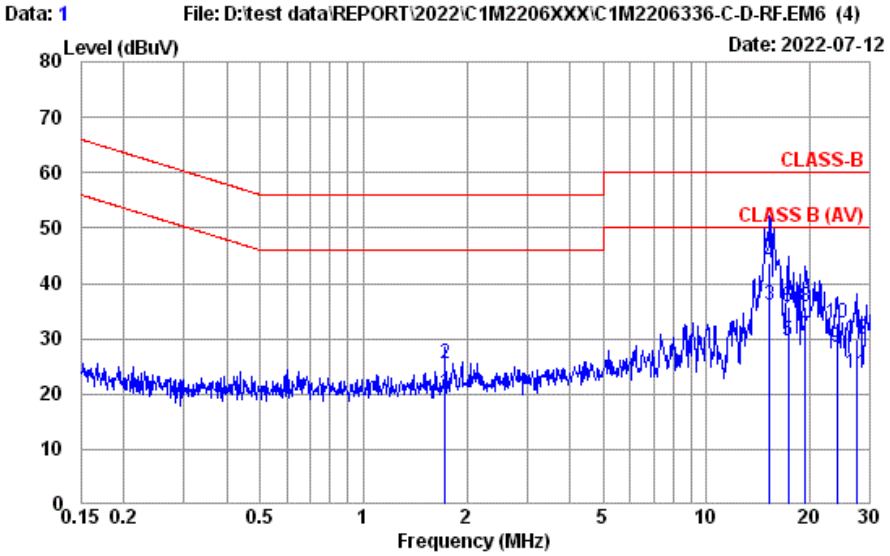
Data No. : 2
Phase : NEUTRAL
Engineer : Ken Yang
Test Rating : DC 3.3V
RBW : 9KHz
VBW : 300KHz

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	1.829	10.36	0.06	9.86	0.74	21.02	46.00	24.98	Average
2	1.829	10.36	0.06	9.86	5.38	25.66	56.00	30.34	QP
3	15.307	10.89	0.17	9.91	18.98	39.95	50.00	10.05	Average
4	15.307	10.89	0.17	9.91	26.39	47.36	60.00	12.64	QP
5	17.291	10.96	0.18	9.92	11.25	32.31	50.00	17.69	Average
6	17.291	10.96	0.18	9.92	17.95	39.01	60.00	20.99	QP
7	19.428	11.03	0.19	9.94	12.43	33.59	50.00	16.41	Average
8	19.428	11.03	0.19	9.94	17.03	38.19	60.00	21.81	QP
9	21.373	11.10	0.20	9.95	9.20	30.45	50.00	19.55	Average
10	21.373	11.10	0.20	9.95	15.99	37.24	60.00	22.76	QP
11	23.888	11.19	0.21	9.96	9.10	30.46	50.00	19.54	Average
12	23.888	11.19	0.21	9.96	13.68	35.04	60.00	24.96	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Test Date	2022/07/12	Temp./Hum.	26℃/58%
Test Voltage	DC 3.3V	Tested By	Ken Yang



Site No. : No.8 Shielded Room
Instrument 1 : Receiver ESR3(774)
Instrument 2 : ENV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : CLASS-B
Environment : 26*C / 58%
EUT Model : WL1BKT22
Test Mode : Operating

Data No. : 1
Phase : LINE
Engineer : Ken Yang
Test Rating : DC 3.3V
RBW : 9KHz
VBW : 300KHz

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	1.725	10.25	0.05	9.86	0.12	20.28	46.00	25.72	Average
2	1.725	10.25	0.05	9.86	5.19	25.35	56.00	30.65	QP
3	15.307	10.55	0.17	9.91	15.42	36.05	50.00	13.95	Average
4	15.307	10.55	0.17	9.91	23.03	43.66	60.00	16.34	QP
5	17.291	10.59	0.18	9.92	8.85	29.54	50.00	20.46	Average
6	17.291	10.59	0.18	9.92	15.17	35.86	60.00	24.14	QP
7	19.428	10.63	0.19	9.94	9.76	30.52	50.00	19.48	Average
8	19.428	10.63	0.19	9.94	15.02	35.78	60.00	24.22	QP
9	24.015	10.68	0.21	9.96	7.55	28.40	50.00	21.60	Average
10	24.015	10.68	0.21	9.96	11.94	32.79	60.00	27.21	QP
11	27.271	10.71	0.23	9.99	2.91	23.84	50.00	26.16	Average
12	27.271	10.71	0.23	9.99	8.90	29.83	60.00	30.17	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.2 RADIATED EMISSION

Test Date	2022/07/12	Temp./Hum.	23°C/60%
Test Voltage	DC 3.3V	Tested By	Hua Wu

A.2.1 Emissions within Restricted Frequency Bands

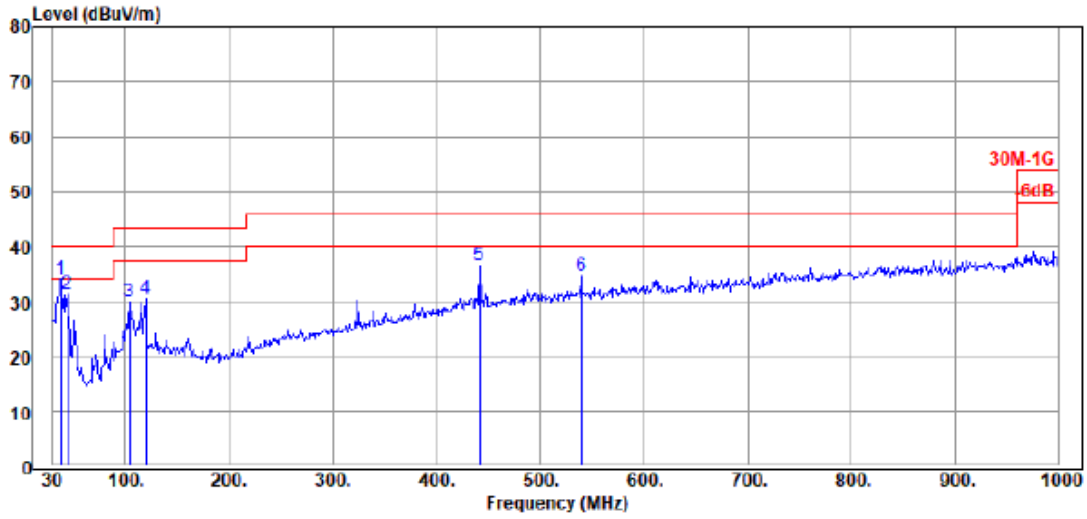
A.2.1.1 Frequency 9kHz~30MHz

The emissions (9kHz~30MHz) not reported for there is no emission be found.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.2.1.2 Frequency Below 1GHz

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5245MHz



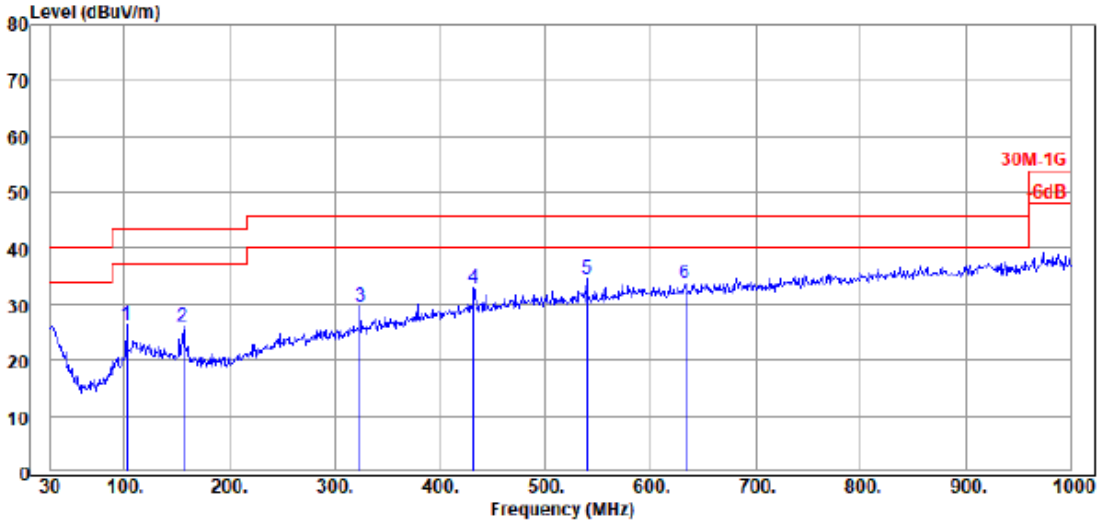

```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9010A(071)
Instrument 2   : CBL6112D (821)|RE-11|8447D (305)
Instrument 3   :
Limit          : 30M-1G                          Engineer   : Hua_Wu
Env. /Ins.     : 23*C / 60%                      RBW        : 120KHz
EUT            : WL1BKT22                        VBW        : 1000KHz
Power Rating   : DC 3.3V
Memo           : Tx5245MHz
                 ANT1
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	37.760	20.13	1.59	26.48	38.85	34.09	40.00	5.91	Peak
2	43.580	17.10	1.70	26.47	39.09	31.42	40.00	8.58	Peak
3	103.720	16.82	2.66	26.26	36.72	29.94	43.50	13.56	Peak
4	119.240	17.95	2.85	26.16	35.77	30.41	43.50	13.09	Peak
5	441.280	22.16	6.30	26.74	34.92	36.64	46.00	9.36	Peak
6	540.220	23.61	6.90	27.24	31.50	34.77	46.00	11.23	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5245MHz



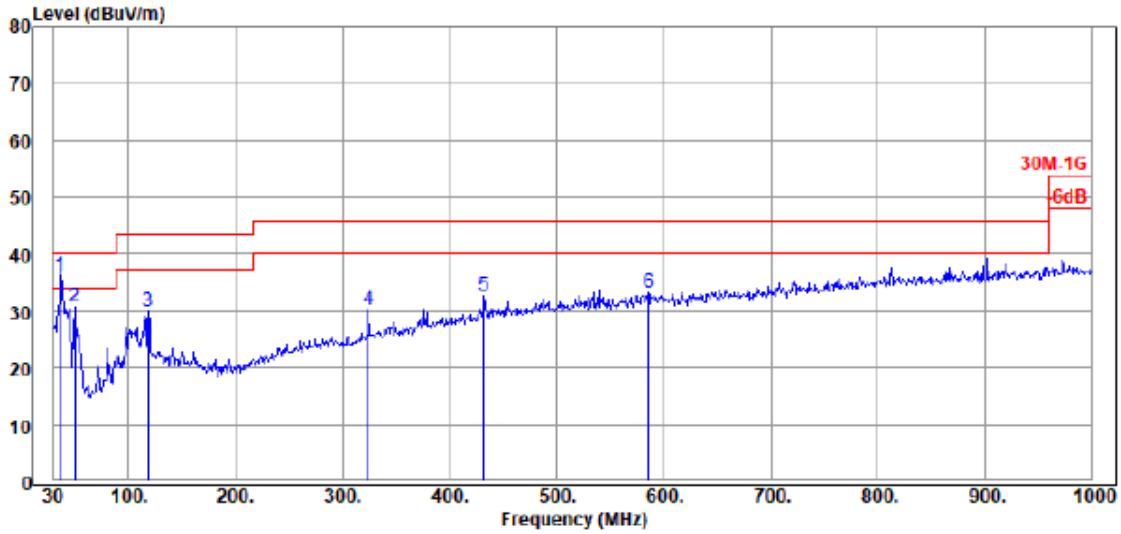

```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9010A(071)
Instrument 2   : CBL6112D (821)|RE-11|8447D (305)
Instrument 3   :
Limit          : 30M-1G                          Engineer   : Hua_Wu
Env. /Ins.     : 23*C / 60%                      RBW        : 120KHz
EUT            : WL1BKT22                        VBW        : 1000KHz
Power Rating   : DC 3.3V
Memo           : Tx5245MHz
                 ANT1
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	101.780	16.65	2.63	26.28	33.26	26.26	43.50	17.24	Peak
2	156.100	15.94	3.26	25.97	32.98	26.21	43.50	17.29	Peak
3	323.910	19.70	5.02	25.82	30.66	29.56	46.00	16.44	Peak
4	431.580	21.97	6.21	26.68	31.46	32.96	46.00	13.04	Peak
5	540.220	23.61	6.90	27.24	31.29	34.56	46.00	11.44	Peak
6	633.340	24.47	7.29	27.41	29.37	33.72	46.00	12.28	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5245MHz



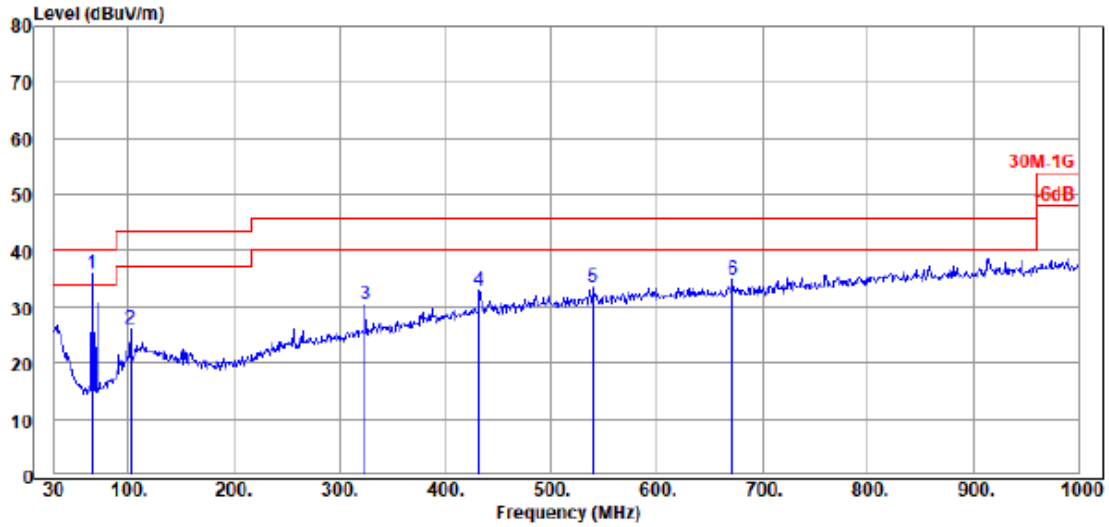

```
Condition     : 3m                              Ant.Pol.   : VERTICAL
Instrument 1  : Spectrum N9010A(071)
Instrument 2  : CBL6112D (821)|RE-11|8447D (305)
Instrument 3  :
Limit         : 30M-1G                          Engineer   : Hua_Wu
Env. /Ins.    : 23*C / 60%                      RBW        : 120KHz
EUT           : WL1BKT22                        VBW        : 1000KHz
Power Rating  : DC 3.3V
Memo          : Tx5245MHz
                ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	36.790	20.71	1.57	26.48	40.46	36.26	40.00	3.74	Peak
2	49.400	14.26	1.82	26.46	41.20	30.82	40.00	9.18	Peak
3	118.270	17.87	2.83	26.17	35.32	29.85	43.50	13.65	Peak
4	323.910	19.70	5.02	25.82	31.44	30.34	46.00	15.66	Peak
5	431.580	21.97	6.21	26.68	31.19	32.69	46.00	13.31	Peak
6	585.810	24.14	7.05	27.37	29.39	33.21	46.00	12.79	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5245MHz




```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9010A(071)
Instrument 2   : CBL6112D (821)|RE-11|8447D (305)
Instrument 3   :
Limit          : 30M-1G                          Engineer   : Hua_Wu
Env. /Ins.     : 23*C / 60%                      RBW        : 120KHz
EUT            : WL1BKT22                        VBW        : 1000KHz
Power Rating   : DC 3.3V
Memo           : Tx5245MHz
                 ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	65.890	12.18	2.10	26.39	48.17	36.06	40.00	3.94	Peak
2	101.780	16.65	2.63	26.28	33.14	26.14	43.50	17.36	Peak
3	323.910	19.70	5.02	25.82	31.68	30.58	46.00	15.42	Peak
4	431.580	21.97	6.21	26.68	31.39	32.89	46.00	13.11	Peak
5	540.220	23.61	6.90	27.24	30.38	33.65	46.00	12.35	Peak
6	672.140	24.66	7.50	27.42	30.25	34.99	46.00	11.01	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

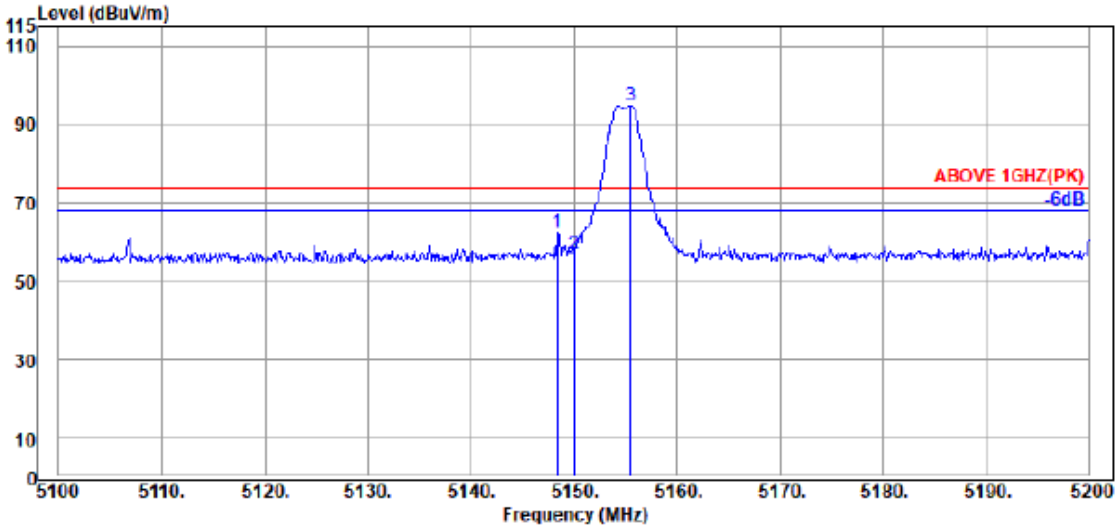
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.2.1.3 Frequency Above 1 GHz to 10th harmonics

Band Edge:

- **Antenna #1**

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz



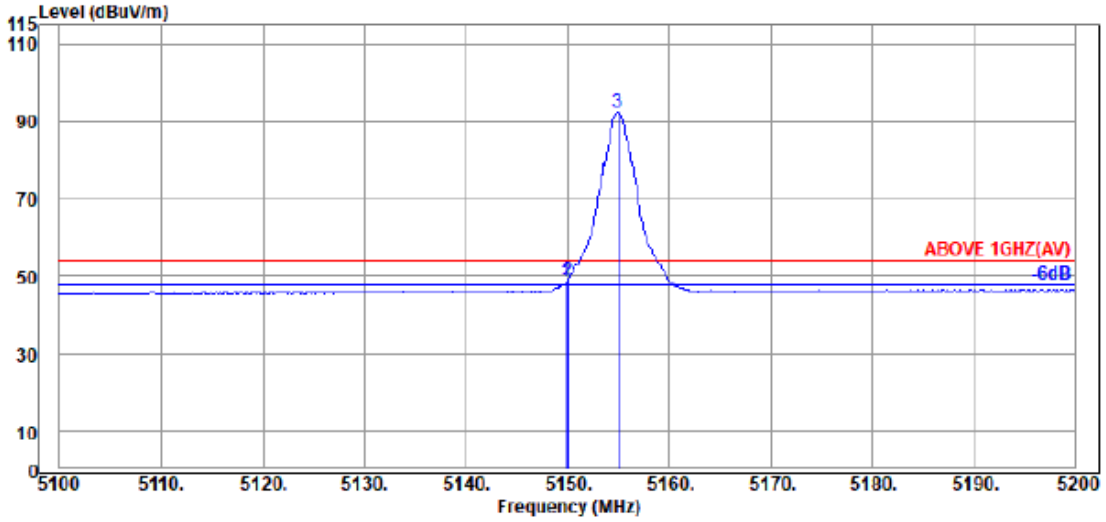

```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : ABOVE 1GHZ(PK)                  Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5155MHz
                 ANT1
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	5148.400	34.50	11.20	34.34	51.04	62.40	74.00	11.60	Peak
2	5150.000	34.50	11.20	34.34	45.35	56.71	74.00	17.29	Peak
3@	5155.500	34.50	11.21	34.34	83.56	94.93	---	---	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.
3. The "@" means fundamental frequency, it is ignored in this section.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz



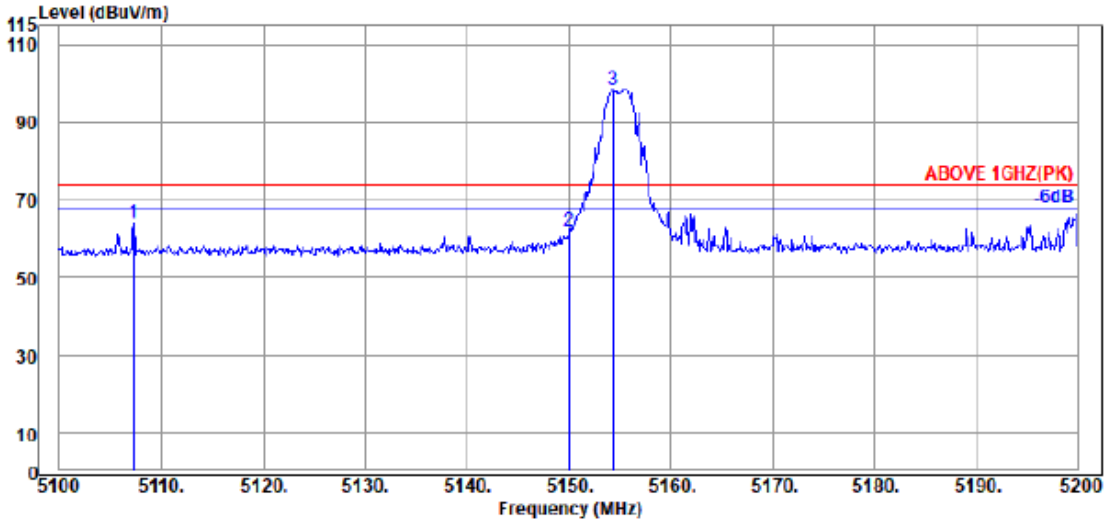

```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 1KHz
Power Rating   : DC 3.3V
Memo           : Tx5155MHz
                 ANT1
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	5149.900	34.50	11.20	34.34	37.37	48.73	54.00	5.27	Average
2	5150.000	34.50	11.20	34.34	37.59	48.95	54.00	5.05	Average
3@	5155.000	34.50	11.21	34.34	81.15	92.52	---	---	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.
3. The "@" means fundamental frequency, it is ignored in this section.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz



Condition : 3m
Instrument 1 : Spectrum N9030A(269)
Instrument 2 : 3117 (902)|RE-29|8449B (678)
Instrument 3 :
Limit : ABOVE 1GHZ(PK)
Env. /Ins. : 24*C / 55%
EUT : W1LBKT22
Power Rating : DC 3.3V
Memo : Tx5155MHz
ANT1

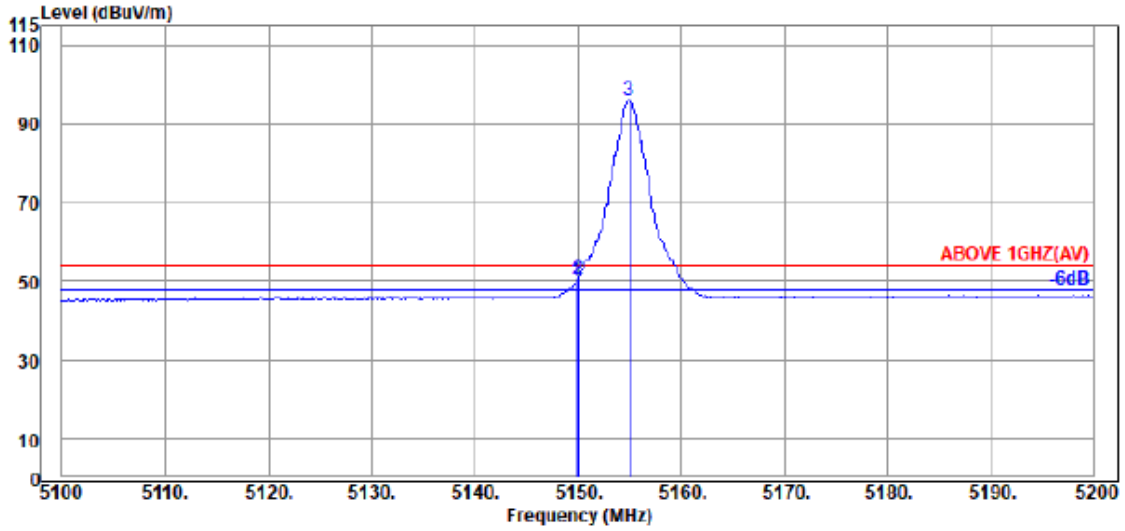
Ant.Pol. : HORIZONTAL
Engineer : Hua_Wu
RBW : 1000KHz
VBW : 3000KHz

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	5107.300	34.20	11.19	34.35	52.81	63.85	74.00	10.15	Peak
2	5150.000	34.50	11.20	34.34	50.49	61.85	74.00	12.15	Peak
3@	5154.400	34.50	11.21	34.34	87.00	98.37	---	---	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.
3. The "@" means fundamental frequency, it is ignored in this section.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz



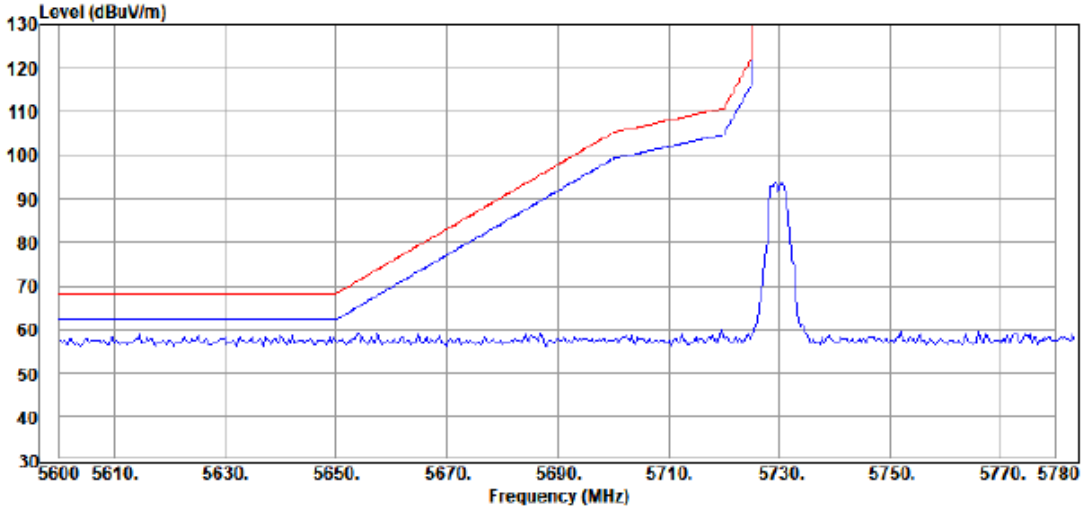

```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 1KHz
Power Rating   : DC 3.3V
Memo           : Tx5155MHz
                 ANT1
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	5149.800	34.50	11.20	34.34	38.84	50.20	54.00	3.80	Average
2	5150.000	34.50	11.20	34.34	39.35	50.71	54.00	3.29	Average
3@	5155.000	34.50	11.21	34.34	84.60	95.97	---	---	Average

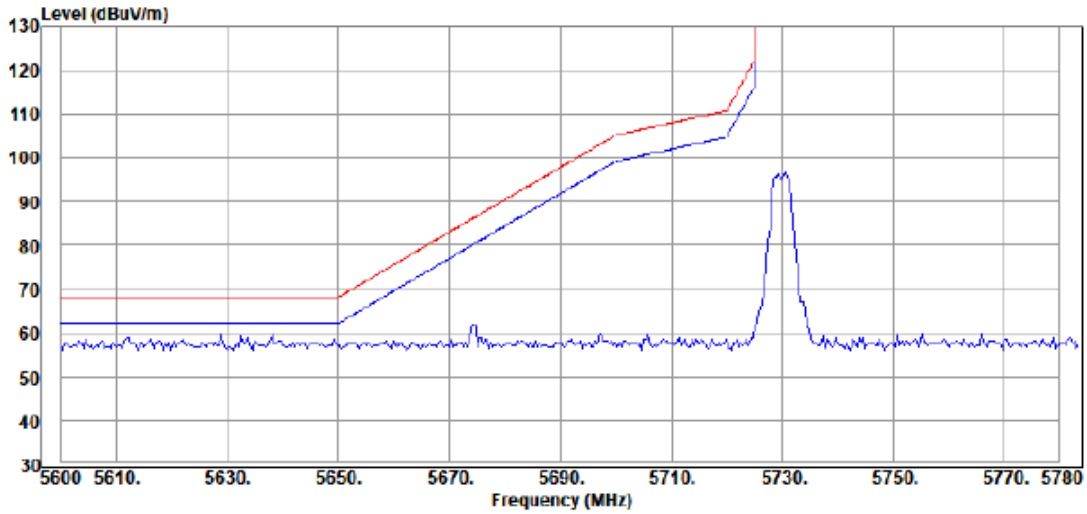
```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
         3. The "@" means fundamental frequency, it is ignored in this section.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5730MHz



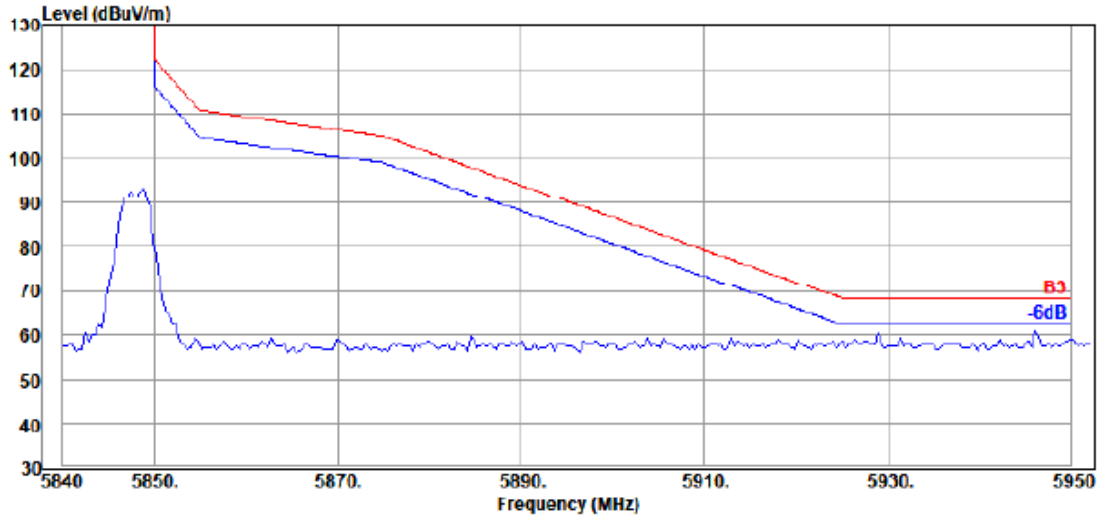

```
Condition     : 3m                              Ant.Pol.   : VERTICAL
Instrument 1  : Spectrum N9030A(269)
Instrument 2  : 3117 (902)|RE-29|8449B (678)
Instrument 3  :
Limit         : B3                              Engineer   : Hua_Wu
Env. /Ins.    : 24*C / 55%                      RBW        : 1000KHz
EUT           : W1LBKT22                        VBW        : 3000KHz
Power Rating  : DC 3.3V
Memo          : Tx5730MHz
                ANT1
```



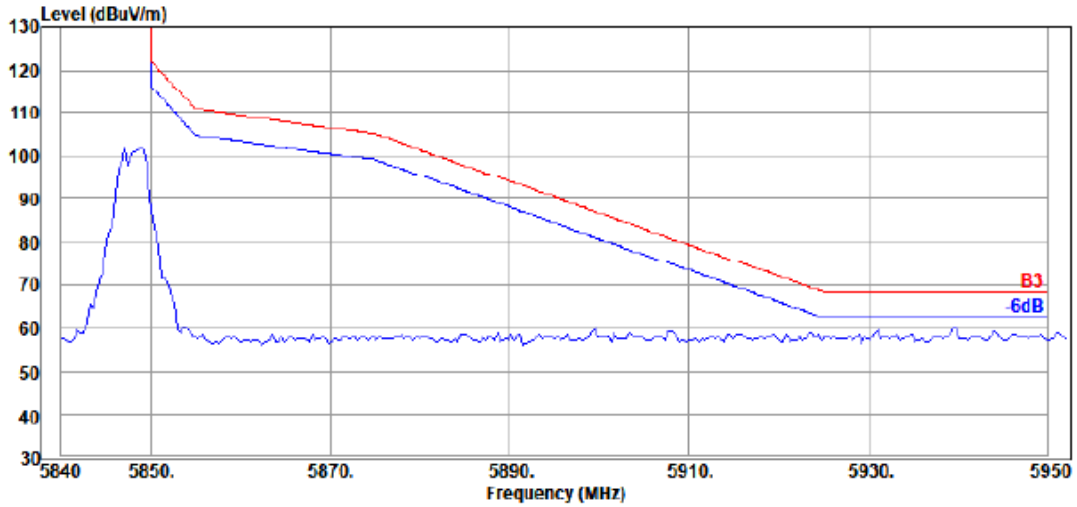

```
Condition     : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1  : Spectrum N9030A(269)
Instrument 2  : 3117 (902)|RE-29|8449B (678)
Instrument 3  :
Limit         : B3                              Engineer   : Hua_Wu
Env. /Ins.    : 24*C / 55%                      RBW        : 1000KHz
EUT           : W1LBKT22                        VBW        : 3000KHz
Power Rating  : DC 3.3V
Memo          : Tx5730MHz
                ANT1
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5848MHz




```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : B3                              Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5848MHz
                 ANT1
```

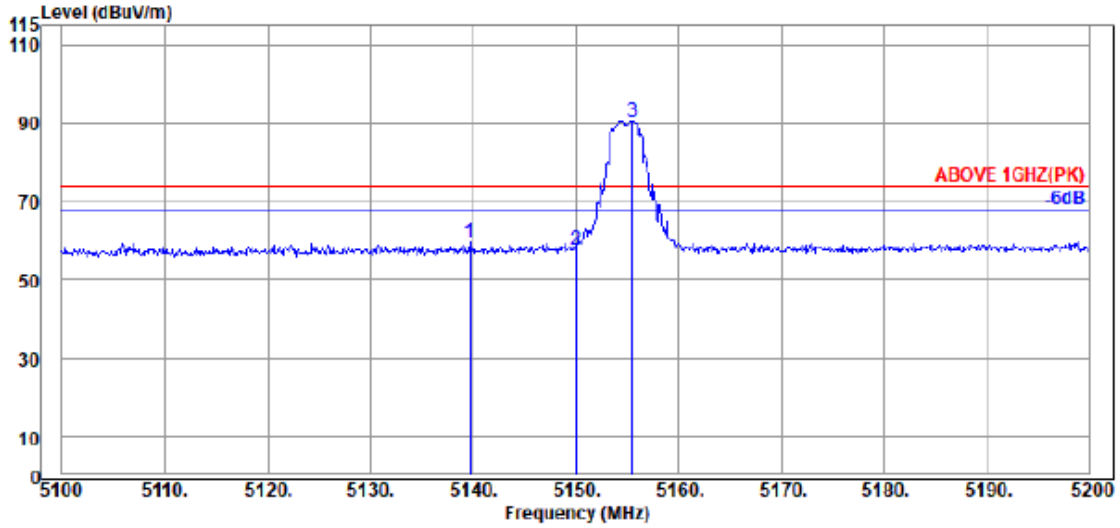



```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : B3                              Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5848MHz
                 ANT1
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

- **Antenna #2**

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz



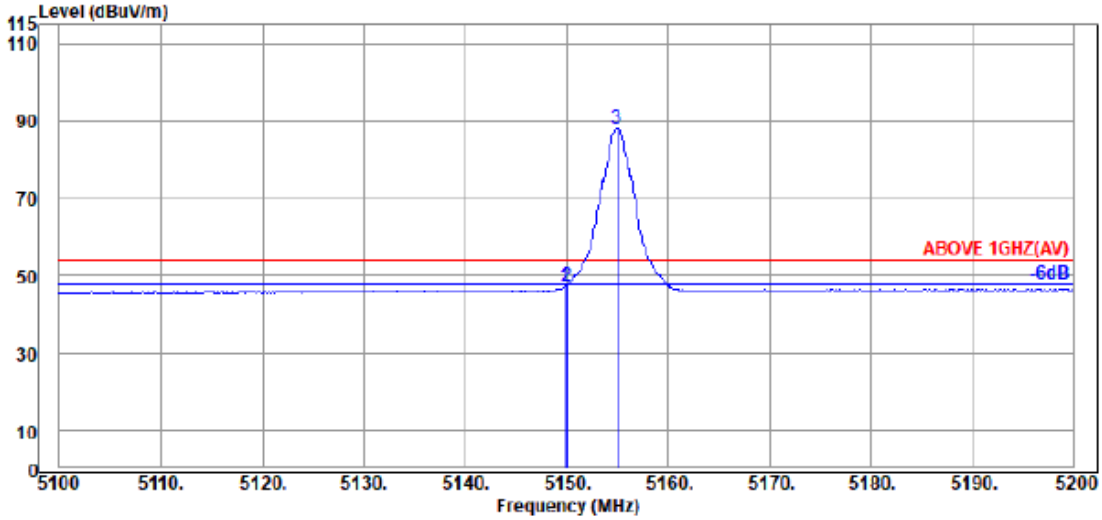

```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : ABOVE 1GHZ(PK)                  Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5155MHz
                 ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	5139.700	34.40	11.20	34.34	48.31	59.57	74.00	14.43	Peak
2	5150.000	34.50	11.20	34.34	46.38	57.74	74.00	16.26	Peak
3@	5155.500	34.50	11.21	34.34	79.21	90.58	---	---	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
         3. The "@" means fundamental frequency, it is ignored in this section.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz



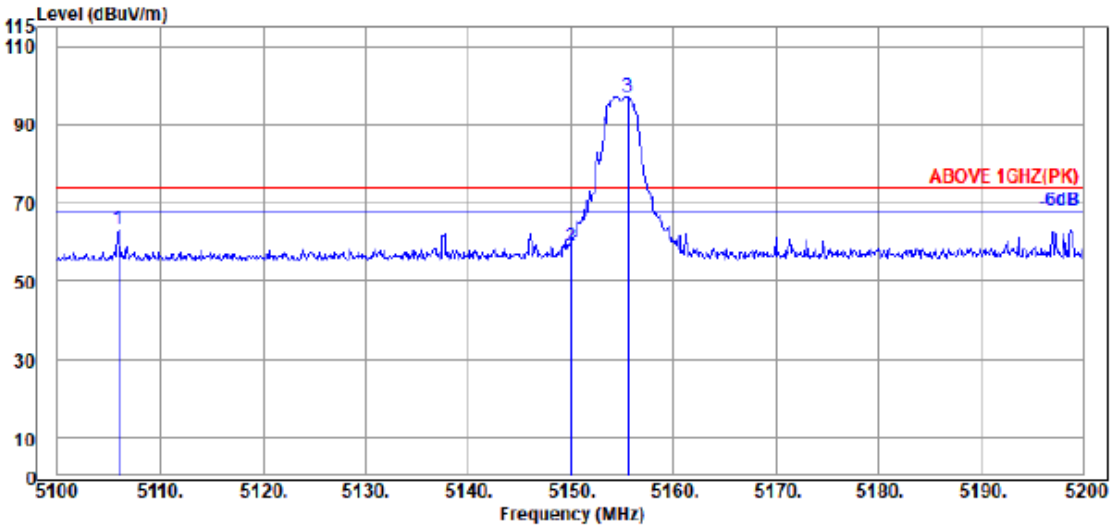

```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 1KHz
Power Rating   : DC 3.3V
Memo           : Tx5155MHz
                 ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	5149.800	34.50	11.20	34.34	35.87	47.23	54.00	6.77	Average
2	5150.000	34.50	11.20	34.34	36.14	47.50	54.00	6.50	Average
3@	5155.000	34.50	11.21	34.34	76.86	88.23	---	---	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.
3. The "@" means fundamental frequency, it is ignored in this section.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz



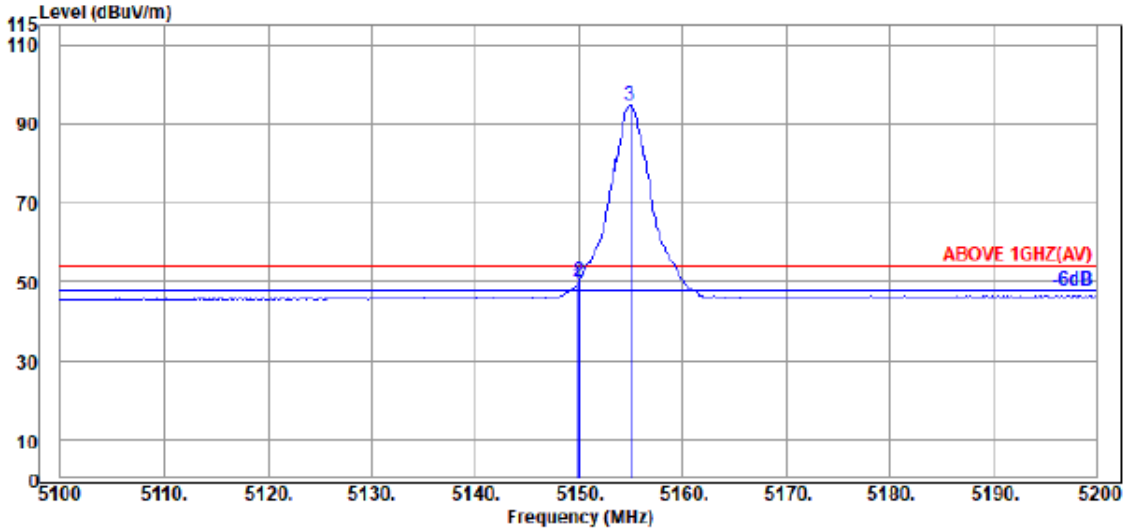

```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : ABOVE 1GHZ(PK)                  Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5155MHz
                 ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	5105.900	34.20	11.19	34.35	52.09	63.13	74.00	10.87	Peak
2	5150.000	34.50	11.20	34.34	47.67	59.03	74.00	14.97	Peak
3@	5155.600	34.50	11.21	34.34	85.94	97.31	---	---	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
         3. The "@" means fundamental frequency, it is ignored in this section.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz



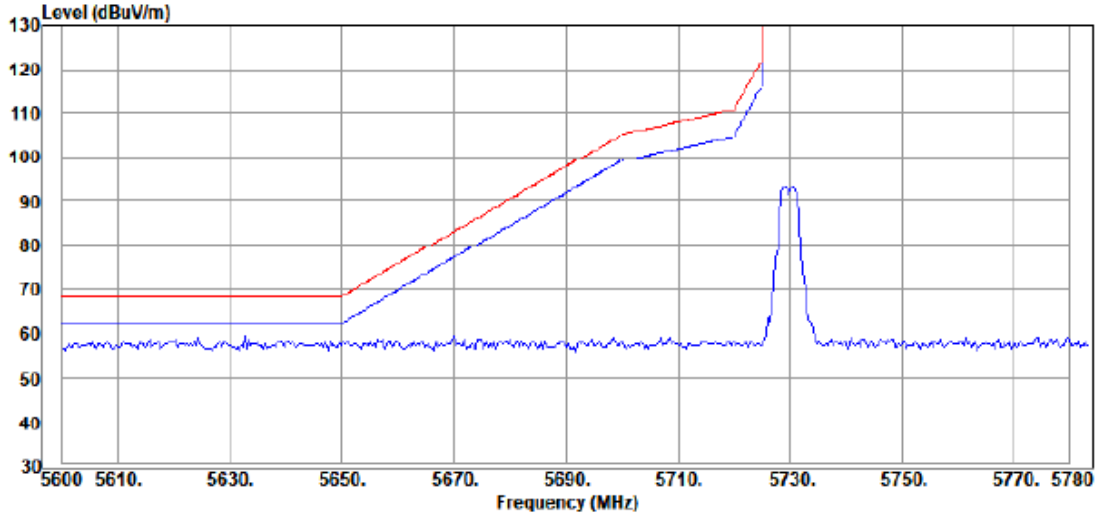

```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 1KHz
Power Rating   : DC 3.3V
Memo           : Tx5155MHz
                 ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	5149.800	34.50	11.20	34.34	38.20	49.56	54.00	4.44	Average
2	5150.000	34.50	11.20	34.34	38.87	50.23	54.00	3.77	Average
3@	5155.000	34.50	11.21	34.34	83.57	94.94	---	---	Average

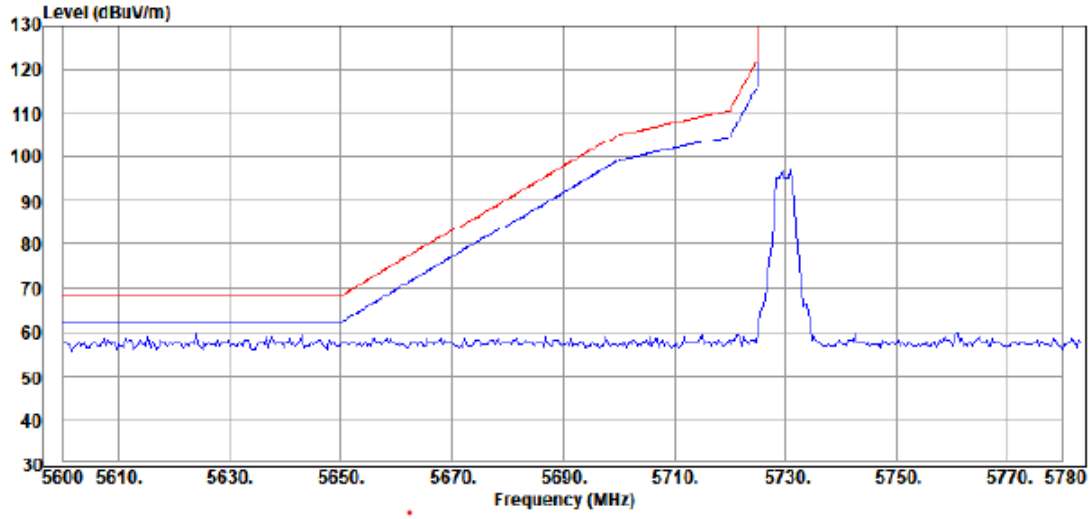
```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
         3. The "@" means fundamental frequency, it is ignored in this section.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5730MHz



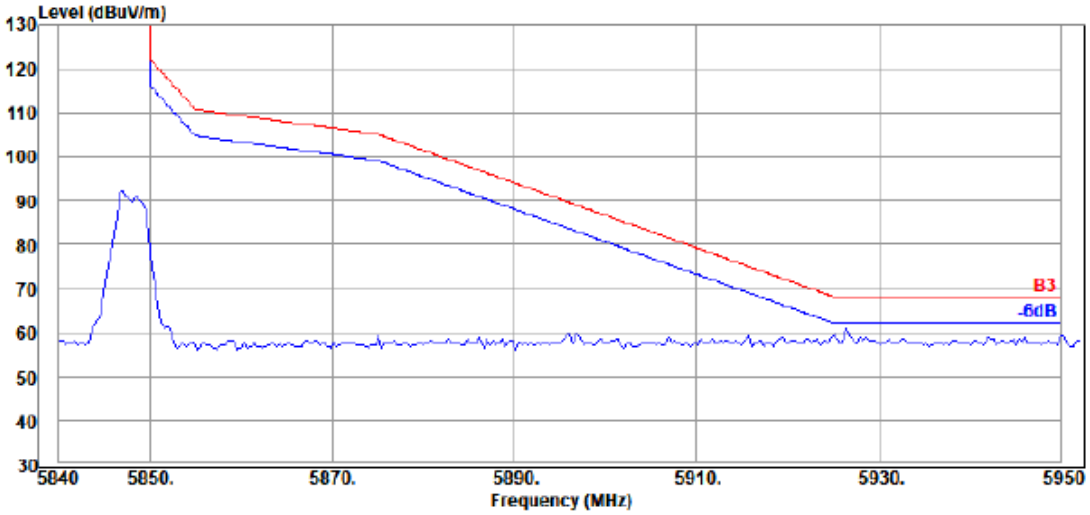

```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : B3                              Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5730MHz
                 ANT2
```



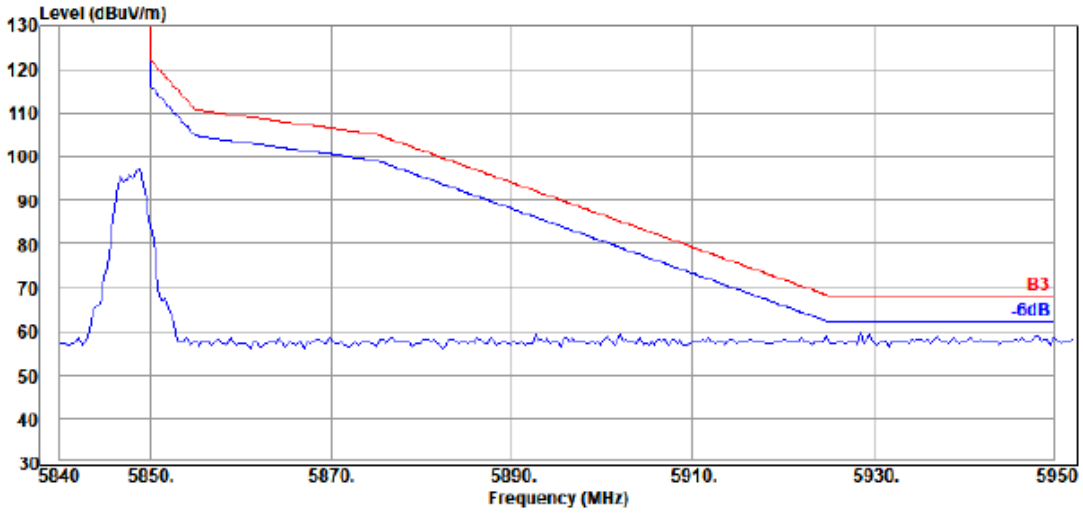

```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : B3                              Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5730MHz
                 ANT2
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5848MHz




```
Condition      : 3m                              Ant.Pol.   : VERTICAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : B3                              Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5848MHz
                 ANT2
```




```
Condition      : 3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   : Spectrum N9030A(269)
Instrument 2   : 3117 (902)|RE-29|8449B (678)
Instrument 3   :
Limit          : B3                              Engineer   : Hua_Wu
Env. /Ins.     : 24*C / 55%                      RBW        : 1000KHz
EUT            : W1LBKT22                        VBW        : 3000KHz
Power Rating   : DC 3.3V
Memo           : Tx5848MHz
                 ANT2
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

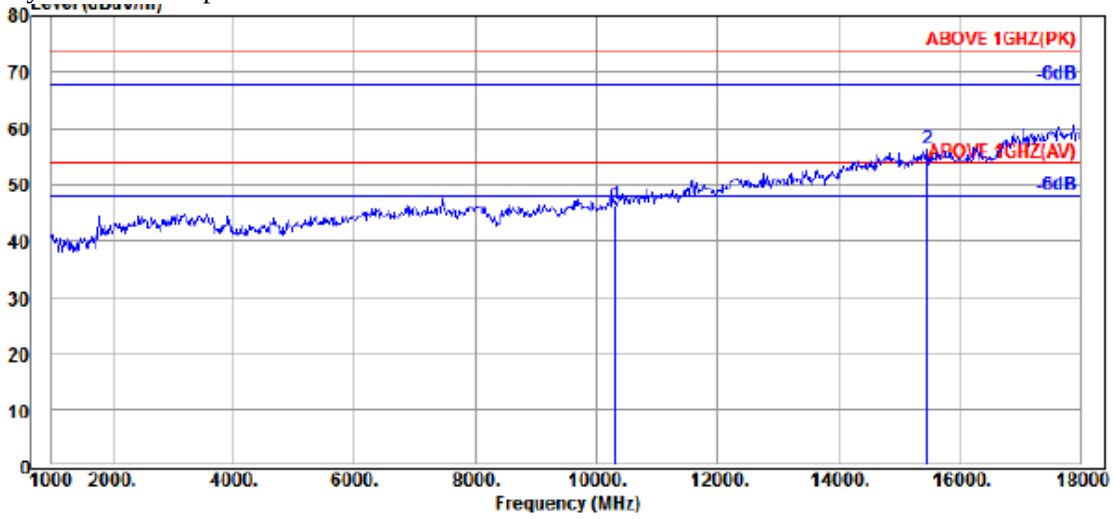
A.2.2 Emissions outside the frequency band

The emissions (18GHz to 40GHz) not reported for there is no emission be found. And we preset worst investigated frequency spectrum segment in the report.

- **Antenna #1**

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                                Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                    Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                        RBW        : 1000KHz
EUT            :  WL1BKT22                          VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT1
```

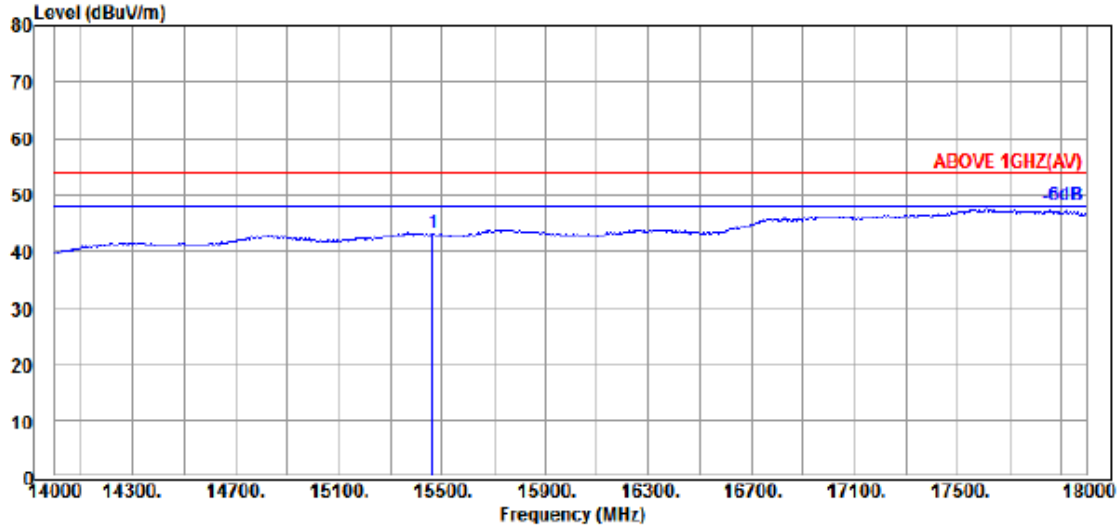
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	10310.000	37.60	14.92	34.82	28.88	46.58	74.00	27.42	Peak
2	15465.000	40.20	17.69	34.57	33.17	56.49	74.00	17.51	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT1
```

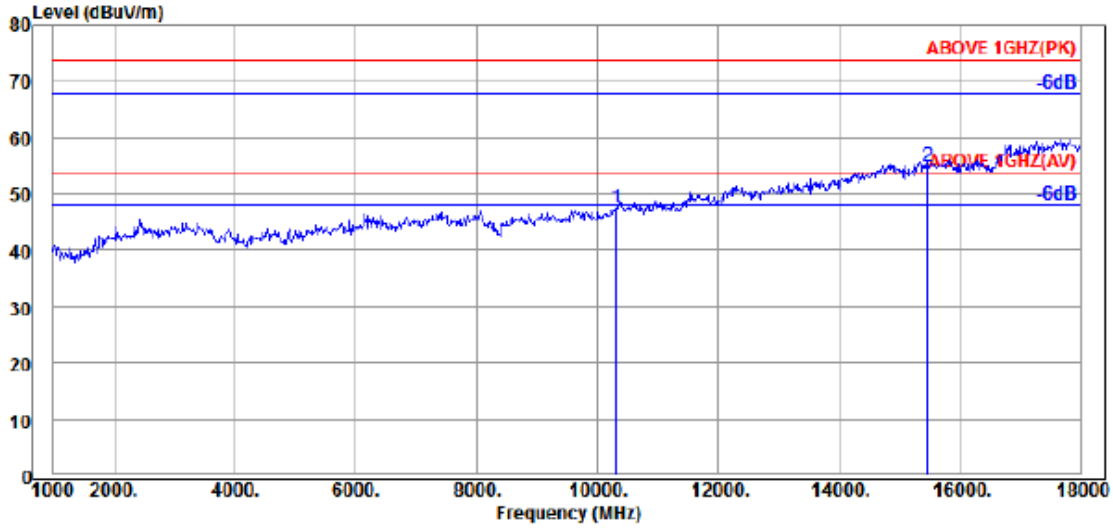
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	15465.000	40.15	17.69	34.57	19.80	43.07	54.00	10.93	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT1
```

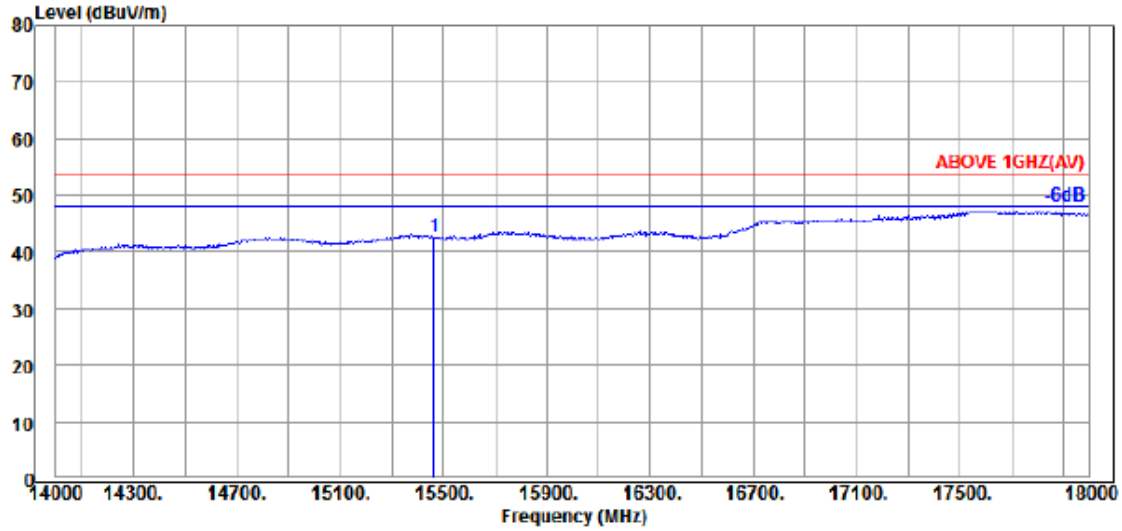
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	10310.000	37.60	14.92	34.82	29.90	47.60	74.00	26.40	Peak
2	15465.000	40.20	17.69	34.57	31.58	54.90	74.00	19.10	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5155MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT1
```

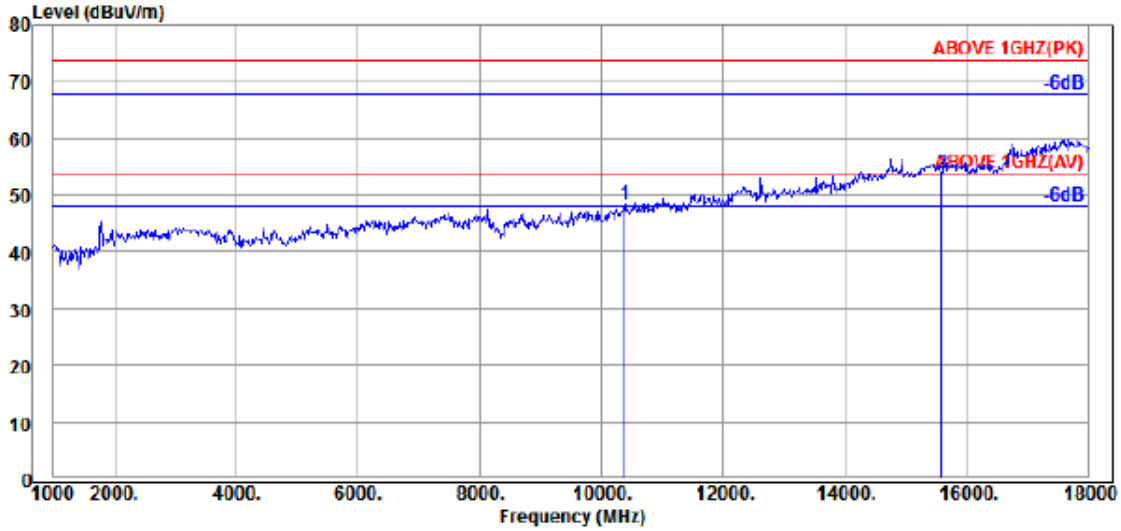
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	15465.000	40.15	17.69	34.57	19.35	42.62	54.00	11.38	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5195MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT1
```

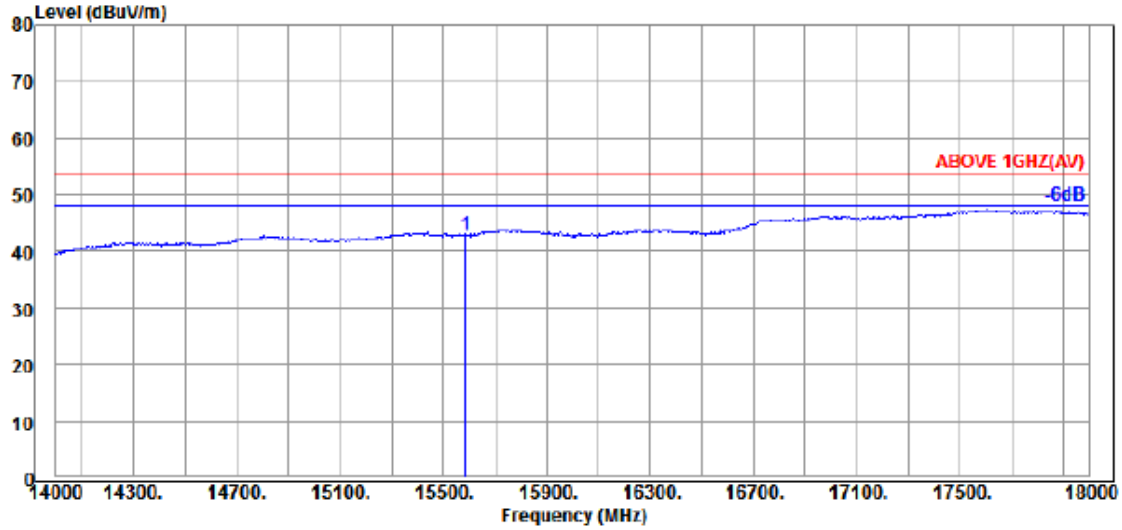
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10390.000	37.60	14.95	34.76	30.61	48.40	74.00	25.60	Peak
2	15585.000	40.30	17.77	34.60	30.40	53.87	74.00	20.13	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5195MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT1
```

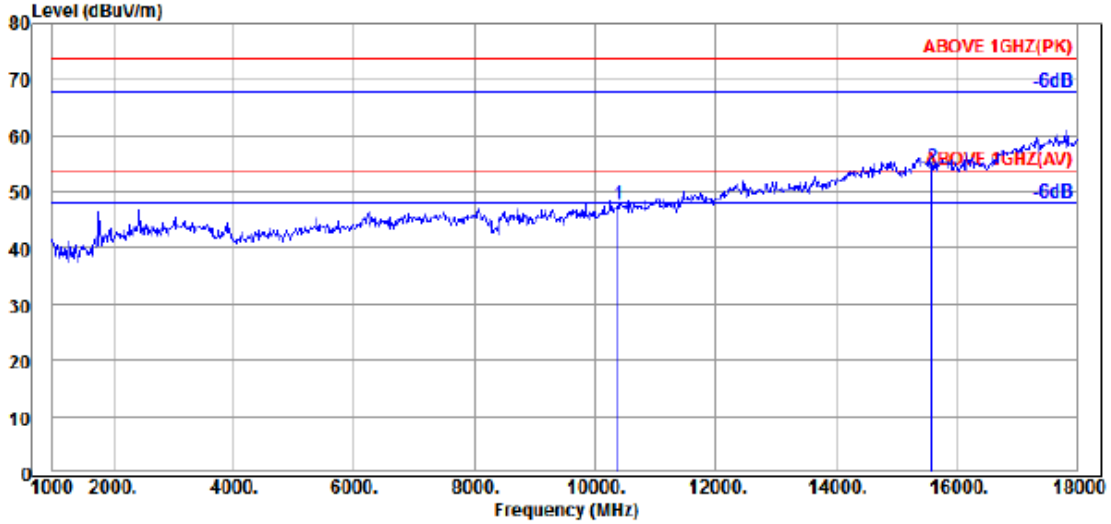
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	15585.000	40.30	17.77	34.60	19.35	42.82	54.00	11.18	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5195MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT1
```

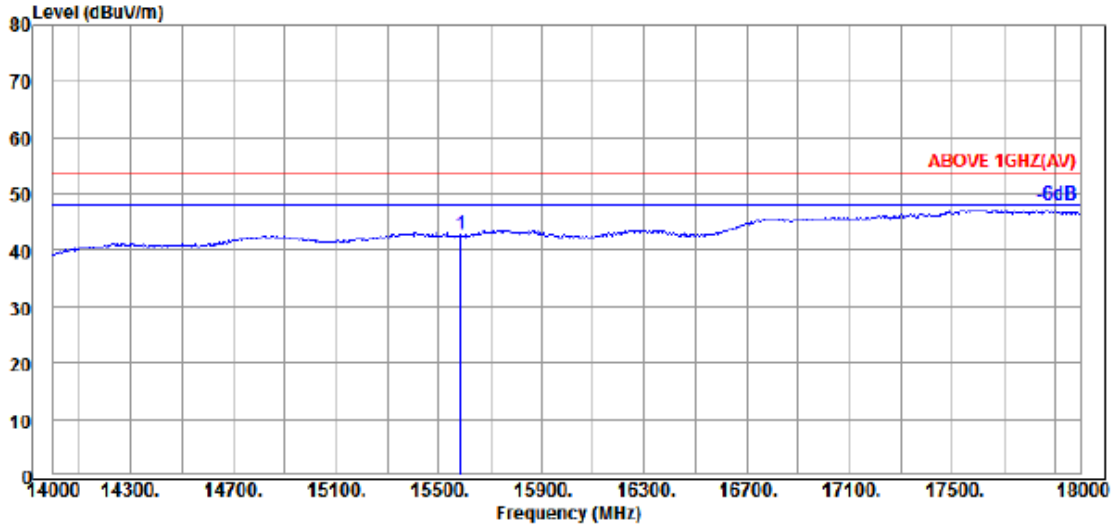
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10390.000	37.60	14.95	34.76	29.96	47.75	74.00	26.25	Peak
2	15585.000	40.30	17.77	34.60	30.99	54.46	74.00	19.54	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5195MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT1
```

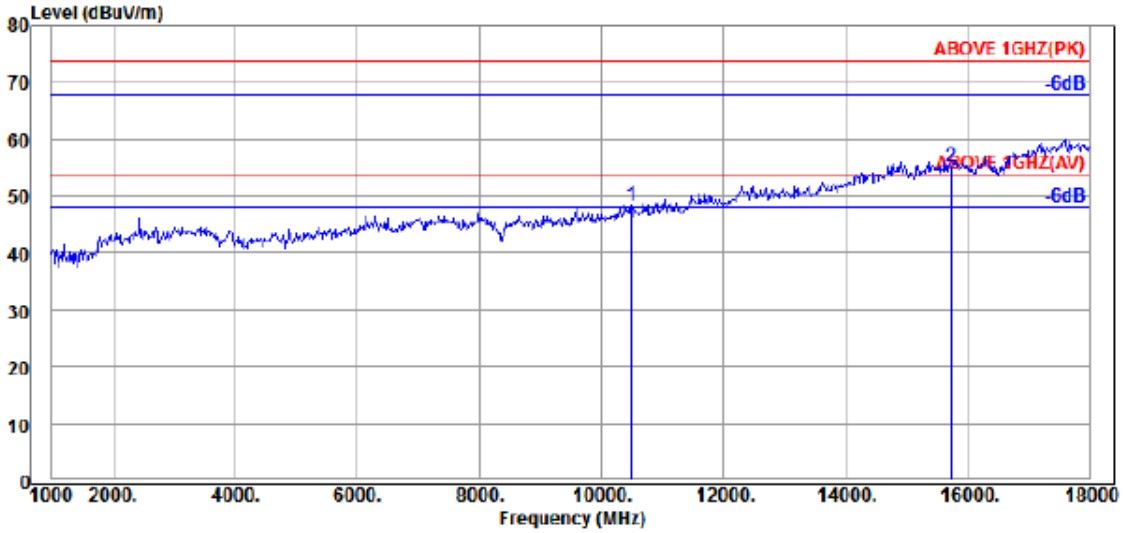
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	15585.000	40.30	17.77	34.60	19.29	42.76	54.00	11.24	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5245MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT1
```

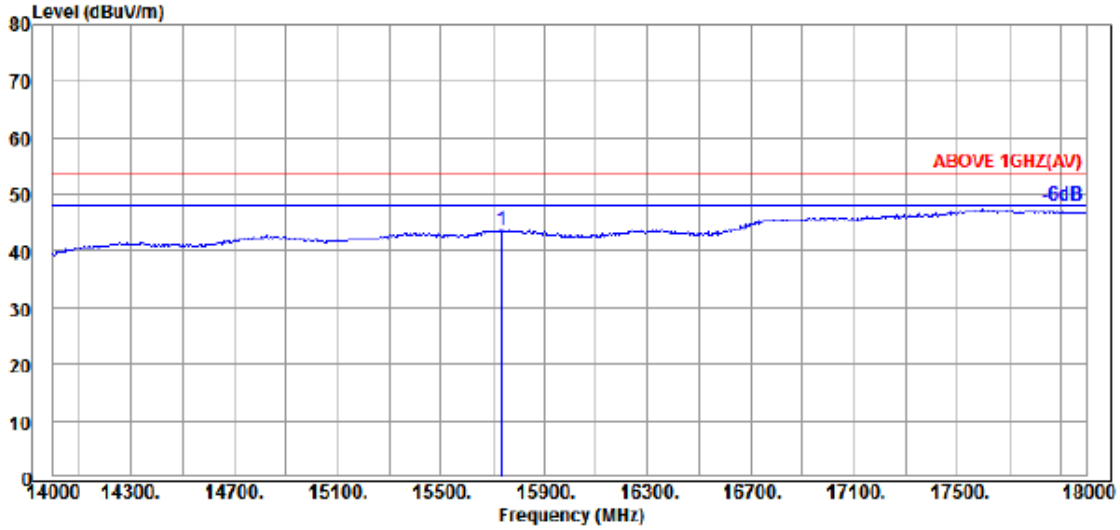
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10490.000	37.75	15.02	34.67	30.24	48.34	74.00	25.66	Peak
2	15735.000	40.60	17.91	34.63	31.35	55.23	74.00	18.77	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5245MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT1
```

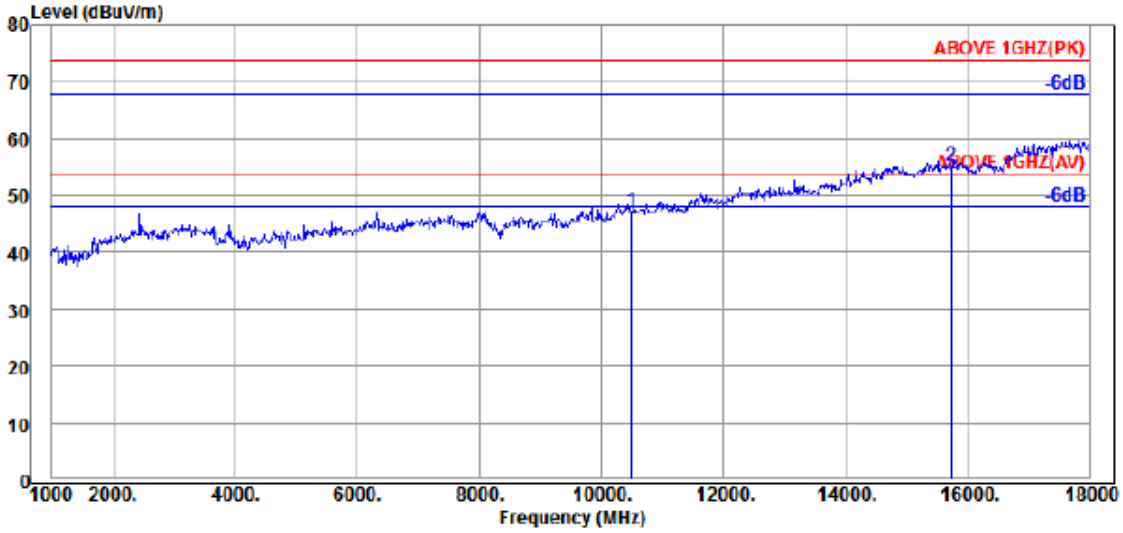
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	15735.000	40.70	17.91	34.63	19.82	43.80	54.00	10.20	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5245MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT1
```

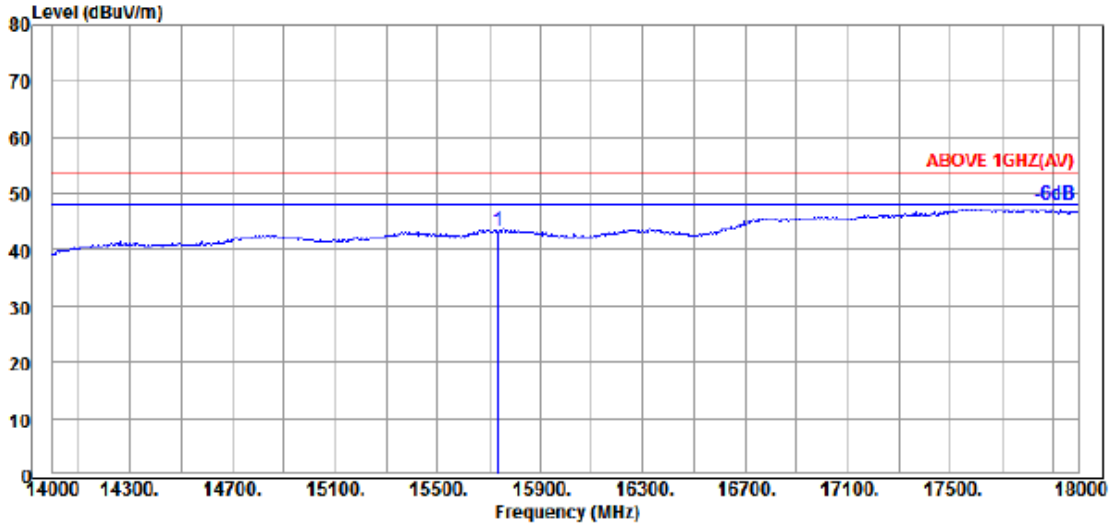
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10490.000	37.75	15.02	34.67	29.05	47.15	74.00	26.85	Peak
2	15735.000	40.60	17.91	34.63	31.44	55.32	74.00	18.68	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #1	Frequency	TX 5245MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT1
```

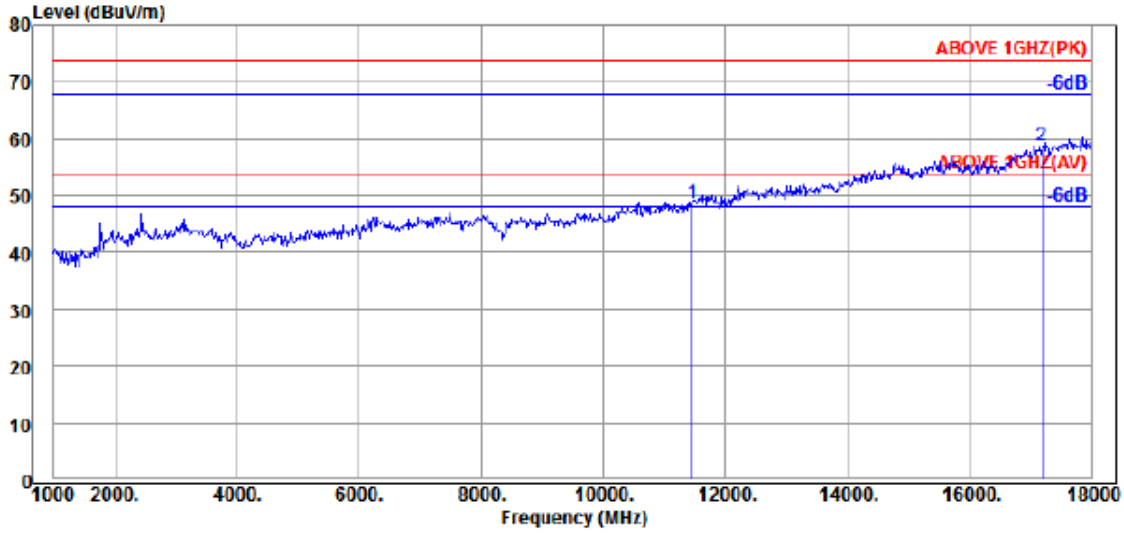
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	15735.000	40.70	17.91	34.63	19.36	43.34	54.00	10.66	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5730MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.    : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer    : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW         : 1000KHz
EUT            :  WL1BKT22                        VBW         : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT1
```

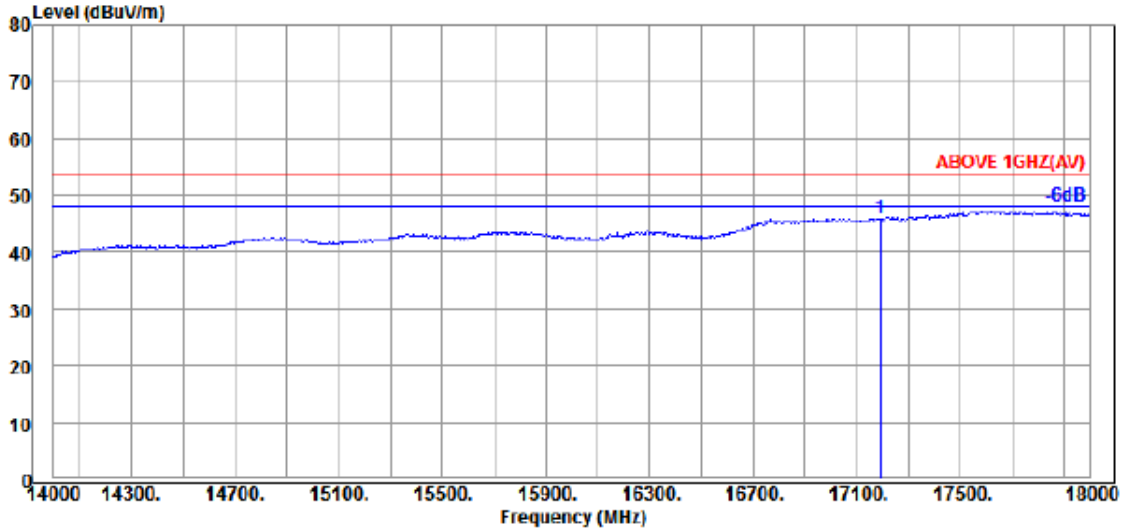
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11460.000	38.43	15.67	34.52	29.06	48.64	74.00	25.36	Peak
2	17190.000	41.30	18.77	33.69	32.45	58.83	74.00	15.17	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5730MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT1
```

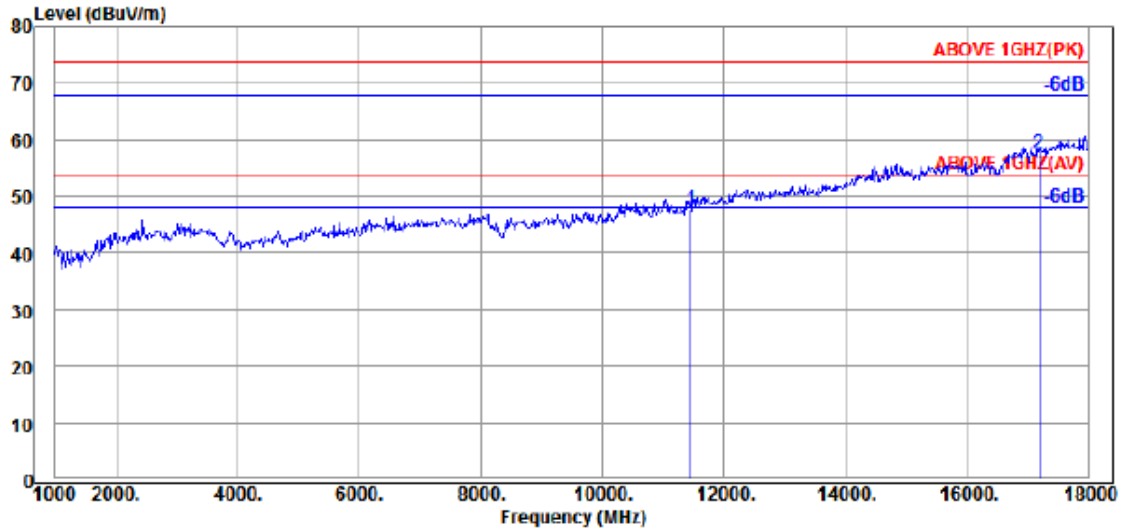
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17190.000	41.30	18.77	33.69	19.53	45.91	54.00	8.09	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5730MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT1
```

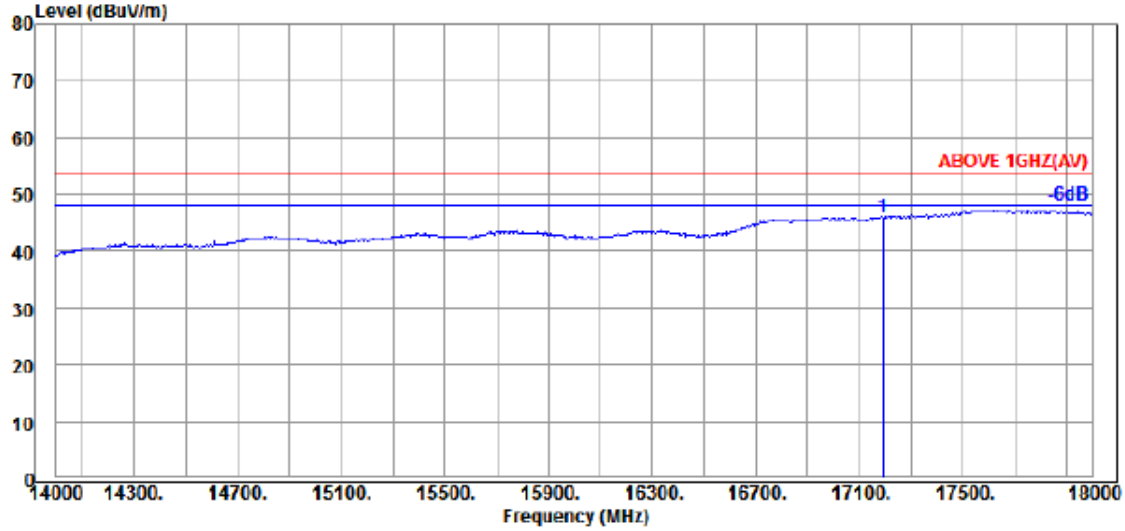
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	11460.000	38.43	15.67	34.52	28.31	47.89	74.00	26.11	Peak
2	17190.000	41.30	18.77	33.69	31.45	57.83	74.00	16.17	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5730MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                                Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                    Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                        RBW        : 1000KHz
EUT            :  WL1BKT22                          VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT1
```

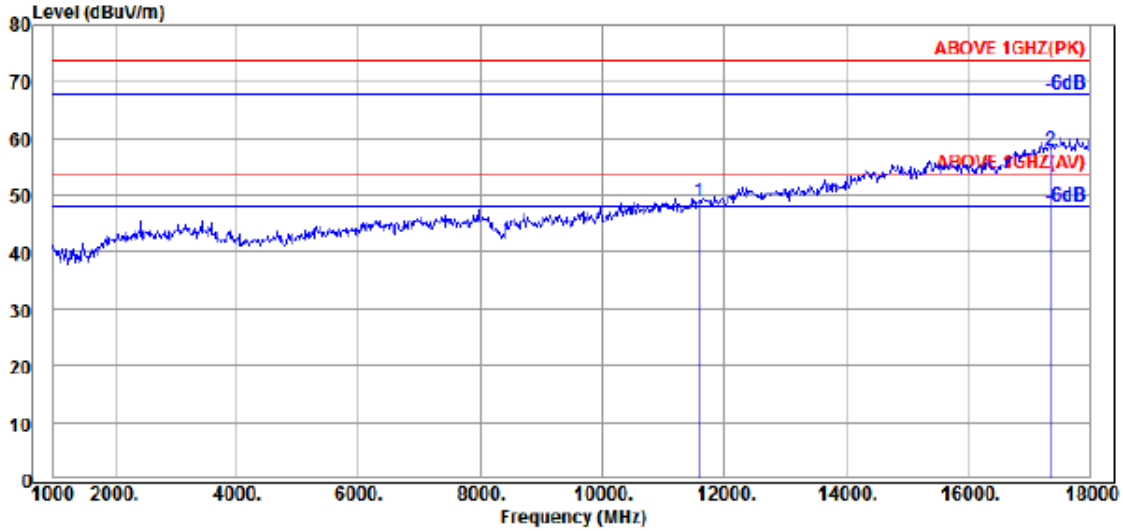
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17190.000	41.30	18.77	33.69	19.39	45.77	54.00	8.23	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5790MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT1
```

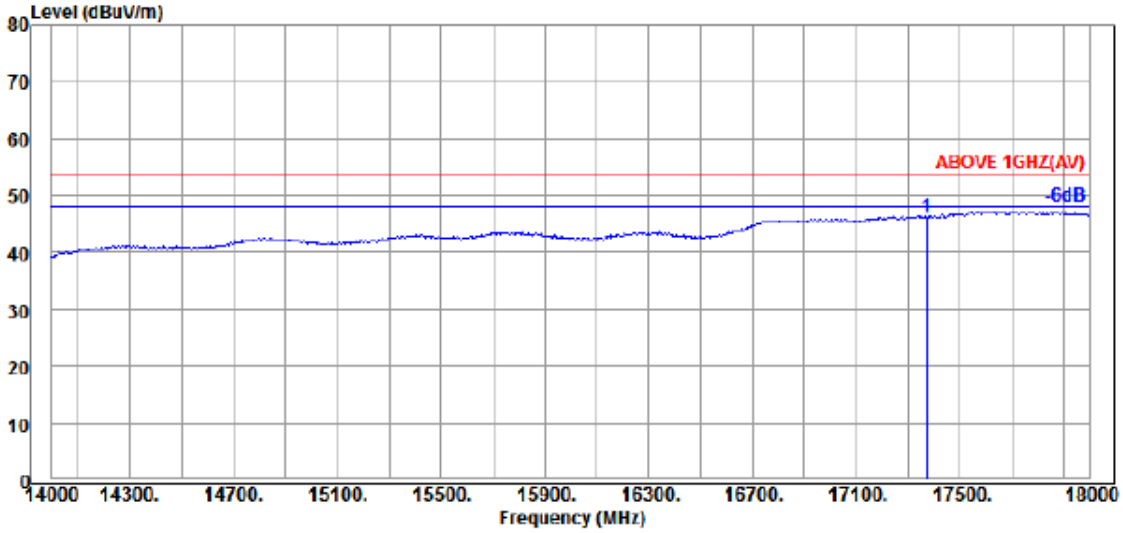
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11580.000	38.43	15.82	34.54	29.14	48.85	74.00	25.15	Peak
2	17370.000	41.10	18.86	33.64	31.77	58.09	74.00	15.91	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5790MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT1
```

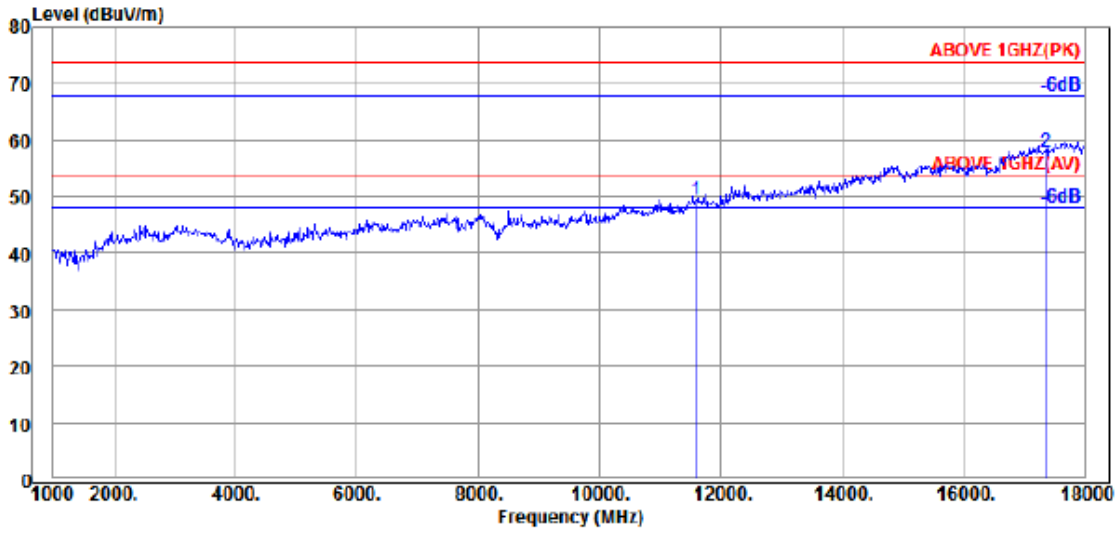
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17370.000	41.10	18.86	33.64	19.84	46.16	54.00	7.84	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5790MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.    :  HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer    :  Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW         :  1000KHz
EUT            :  WL1BKT22                        VBW         :  3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT1
```

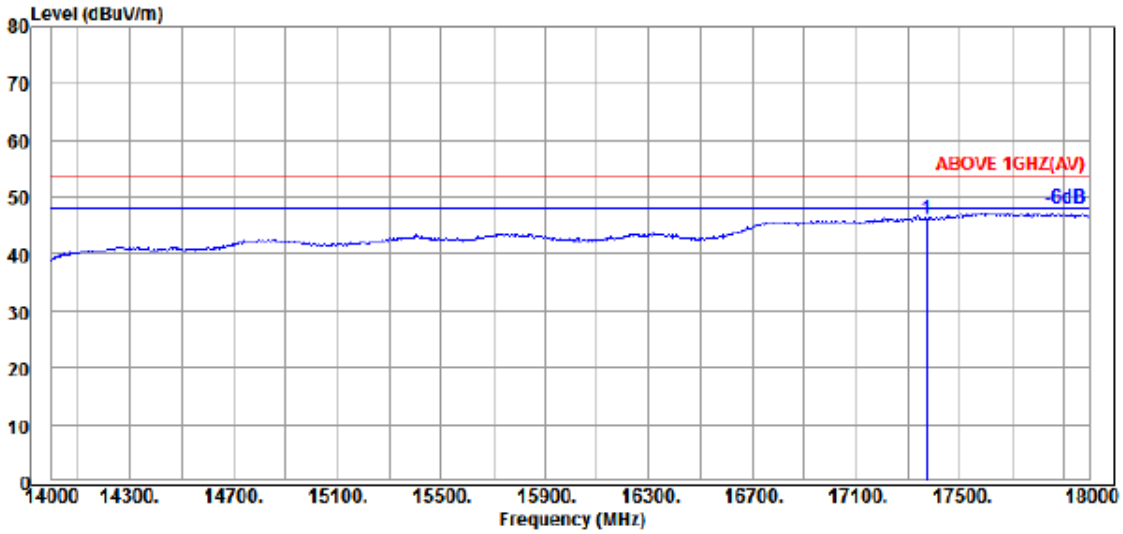
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11580.000	38.43	15.82	34.54	29.69	49.40	74.00	24.60	Peak
2	17370.000	41.10	18.86	33.64	31.75	58.07	74.00	15.93	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5790MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT1
```

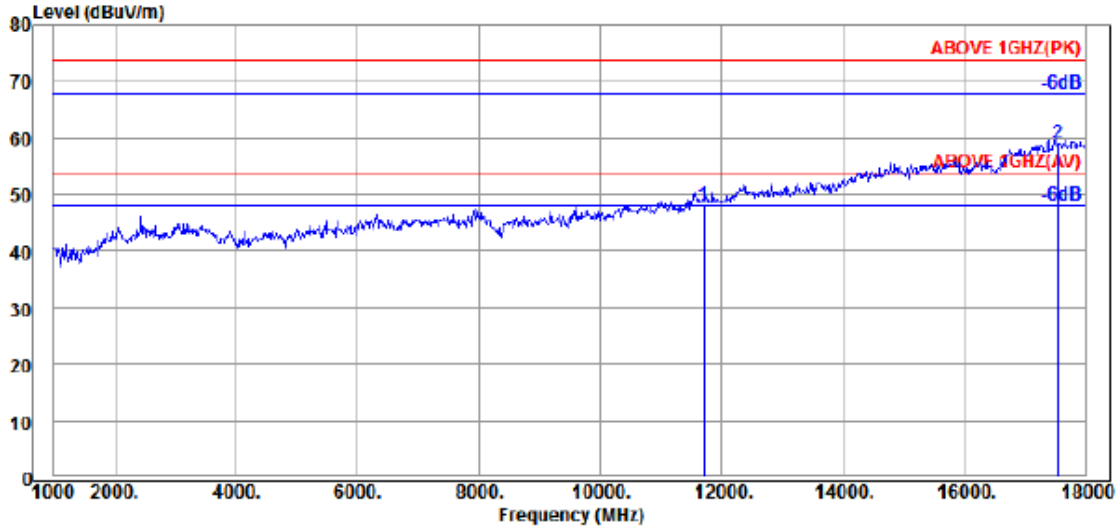
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	17370.000	41.10	18.86	33.64	19.94	46.26	54.00	7.74	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5848MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                                Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                    Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                        RBW        : 1000KHz
EUT            :  WL1BKT22                          VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT1
```

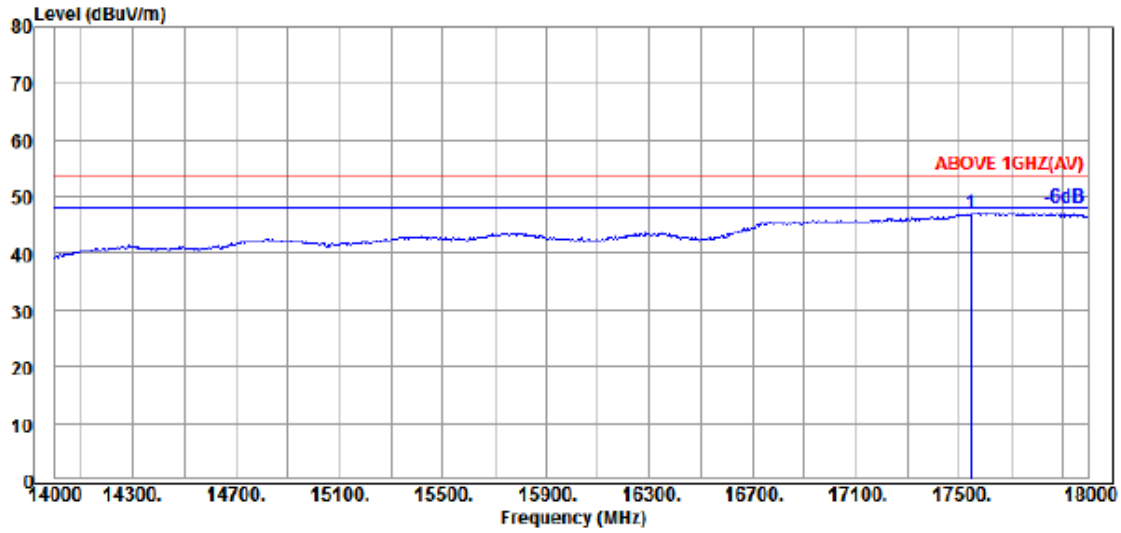
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11696.000	38.50	15.97	34.58	28.29	48.18	74.00	25.82	Peak
2	17544.000	41.20	19.04	33.60	32.44	59.08	74.00	14.92	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5848MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT1
```

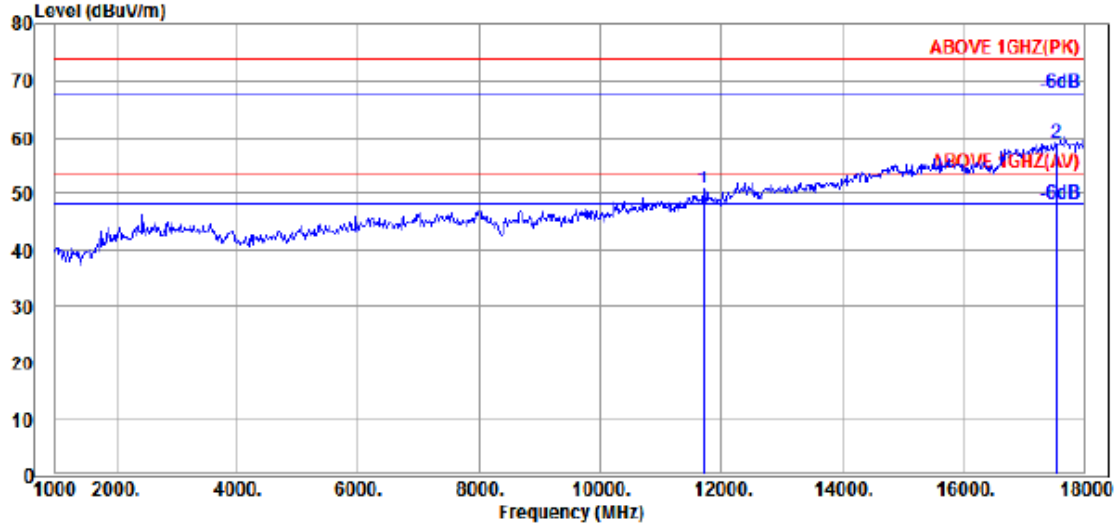
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17544.000	41.20	19.04	33.60	20.33	46.97	54.00	7.03	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5848MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT1
```

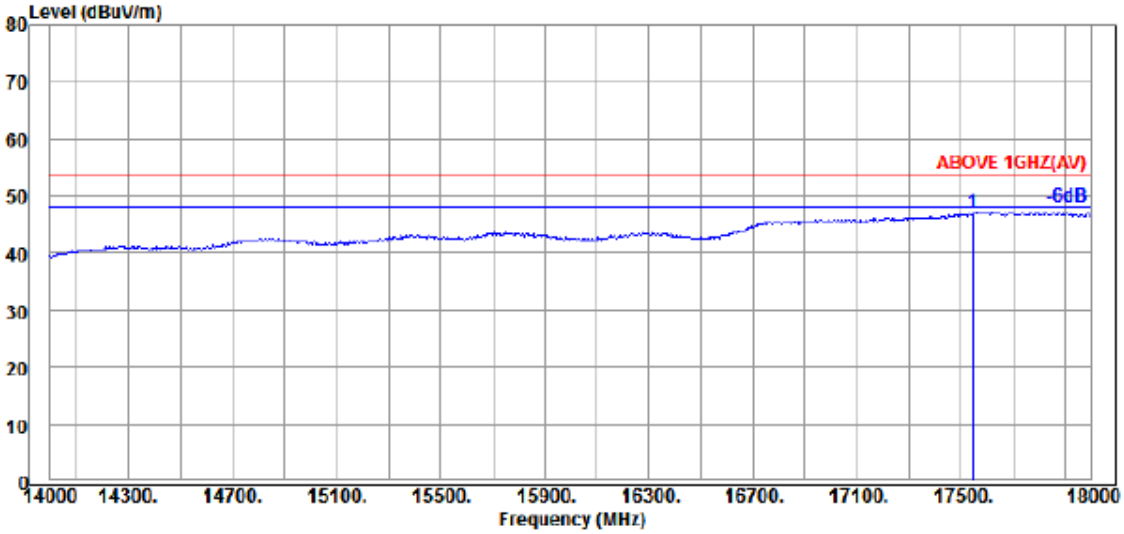
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11696.000	38.50	15.97	34.58	30.95	50.84	74.00	23.16	Peak
2	17544.000	41.20	19.04	33.60	32.49	59.13	74.00	14.87	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #1	Frequency	TX 5848MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT1
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17544.000	41.20	19.04	33.60	20.30	46.94	54.00	7.06	Average

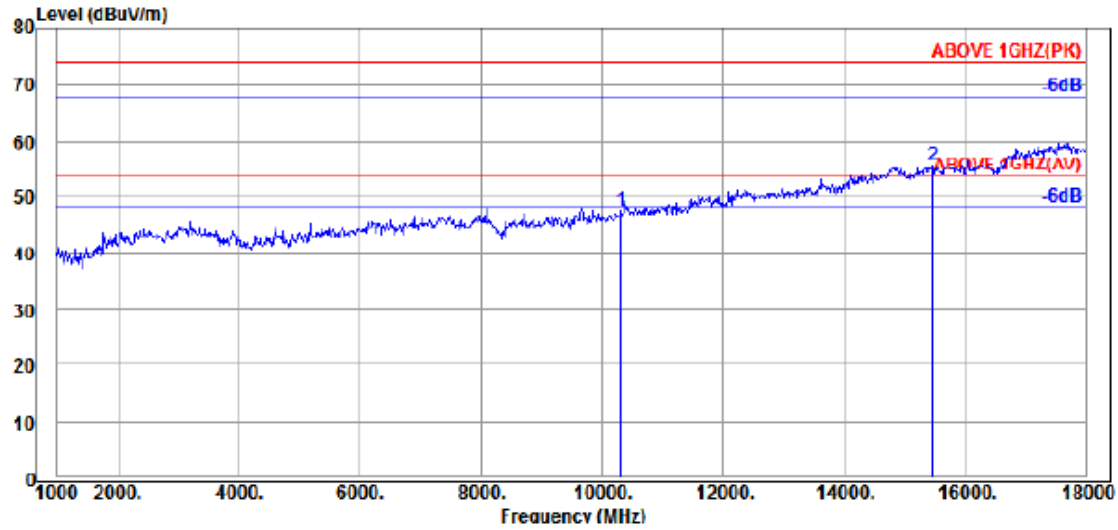
Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

- **Antenna #2**

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.    :  VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer    :  Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW         :  1000KHz
EUT            :  WL1BKT22                        VBW         :  3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT2
```

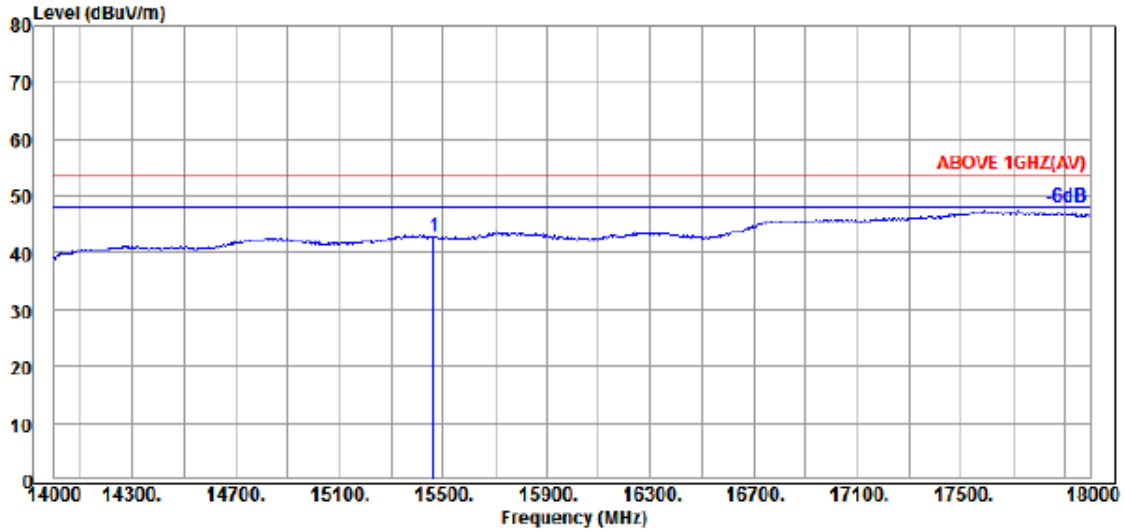
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10310.000	37.60	14.92	34.82	29.96	47.66	74.00	26.34	Peak
2	15465.000	40.20	17.69	34.57	32.37	55.69	74.00	18.31	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT2
```

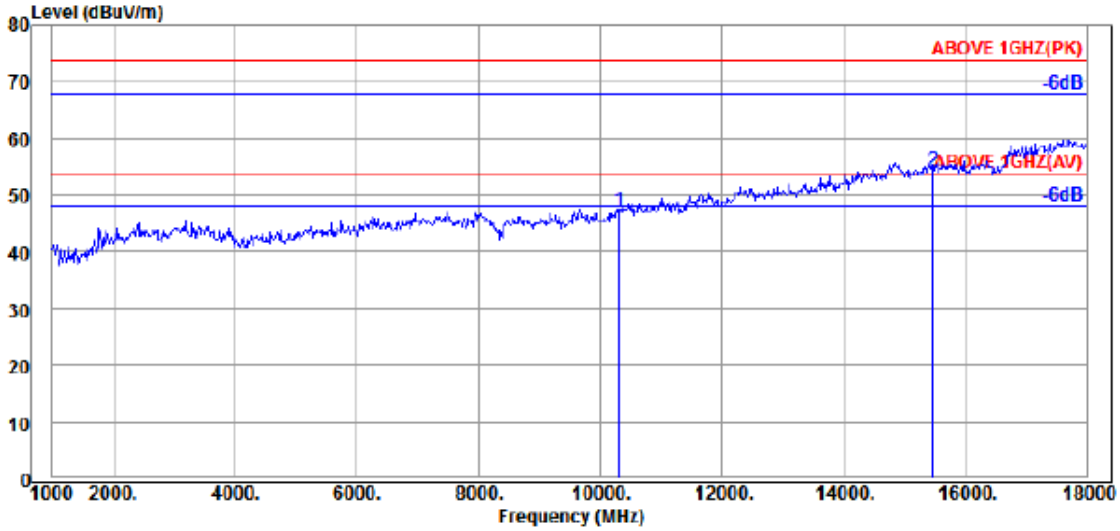
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	15465.000	40.15	17.69	34.57	19.53	42.80	54.00	11.20	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT2
```

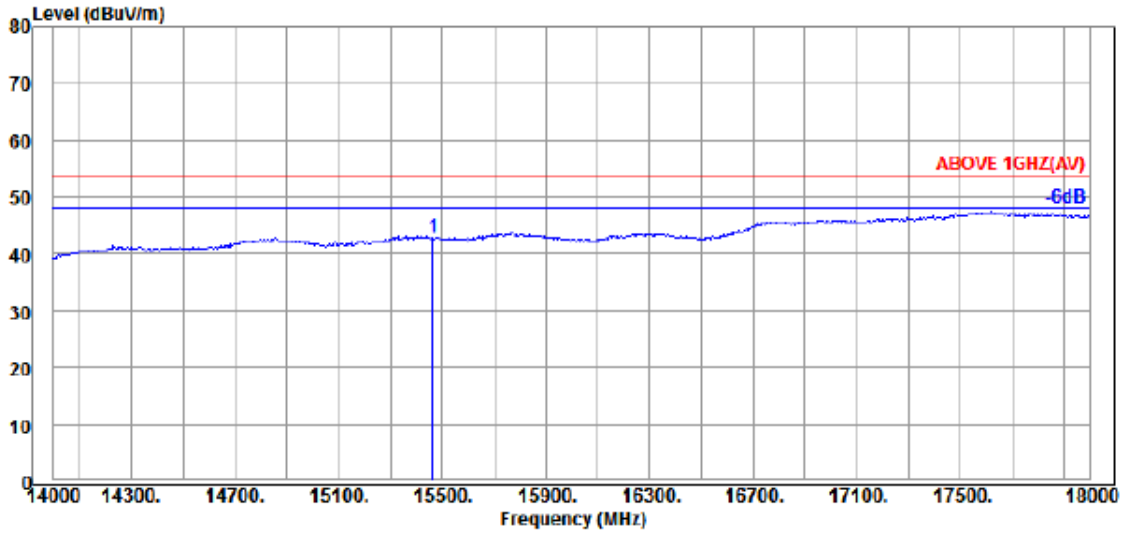
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10310.000	37.60	14.92	34.82	29.53	47.23	74.00	26.77	Peak
2	15465.000	40.20	17.69	34.57	31.12	54.44	74.00	19.56	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5155MHz

Identify 14 – 18 GHz average spurious emissions:



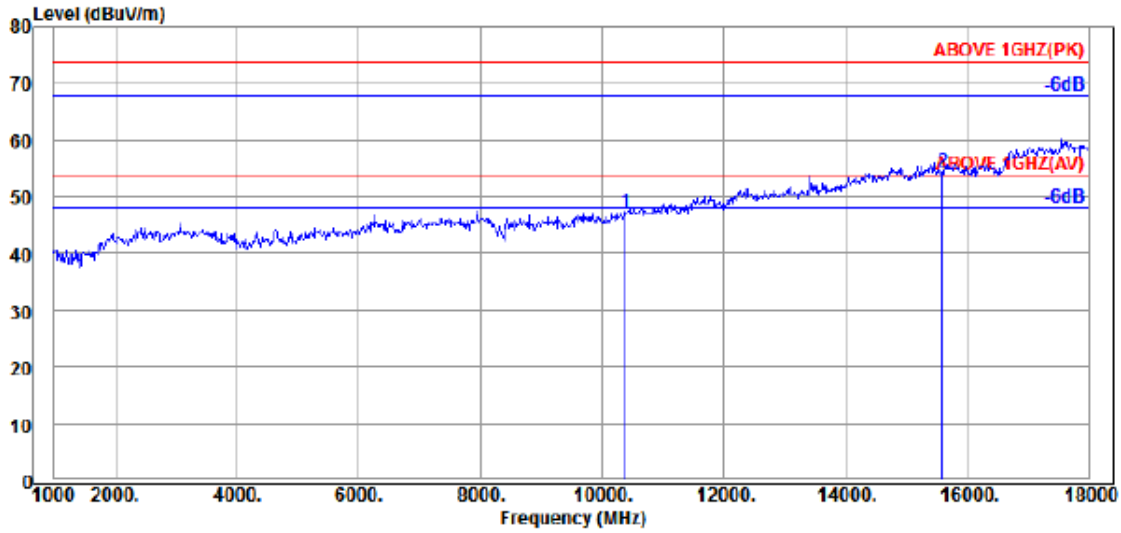

```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5155MHz
                  ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	15465.000	40.15	17.69	34.57	19.54	42.81	54.00	11.19	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5195MHz




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT2
```

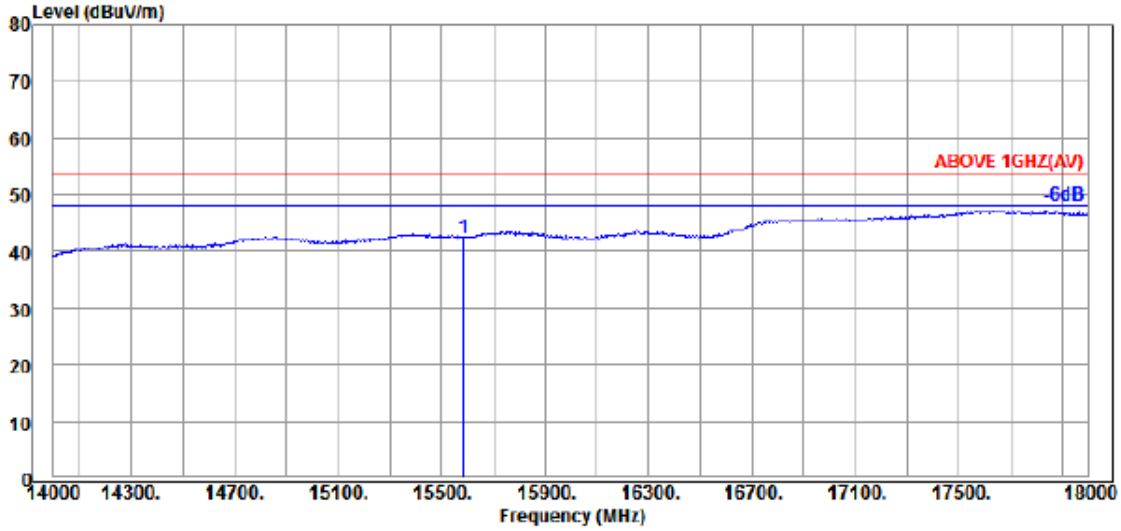
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10390.000	37.60	14.95	34.76	29.41	47.20	74.00	26.80	Peak
2	15585.000	40.30	17.77	34.60	31.02	54.49	74.00	19.51	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5195MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT2
```

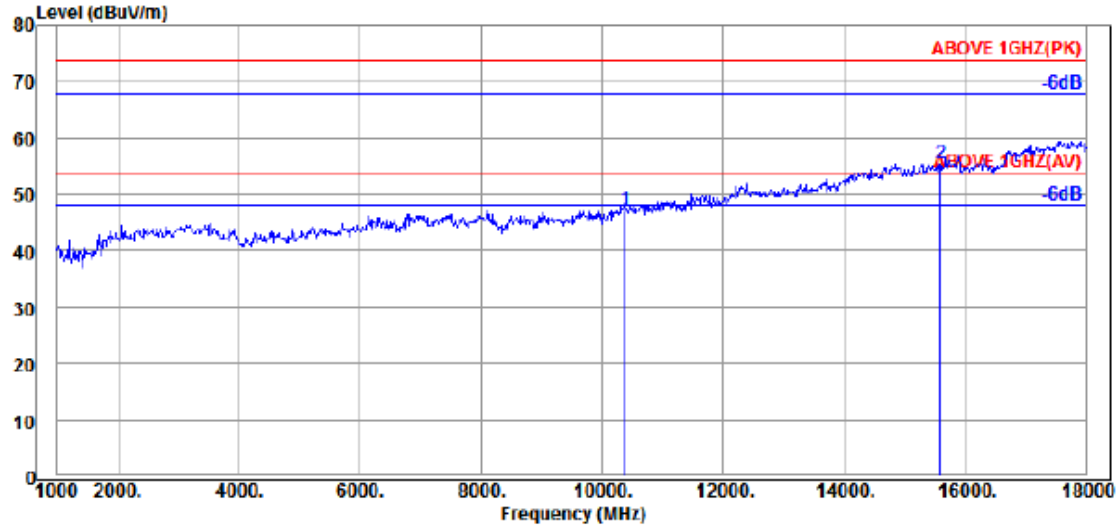
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	15585.000	40.30	17.77	34.60	19.00	42.47	54.00	11.53	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5195MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT2
```

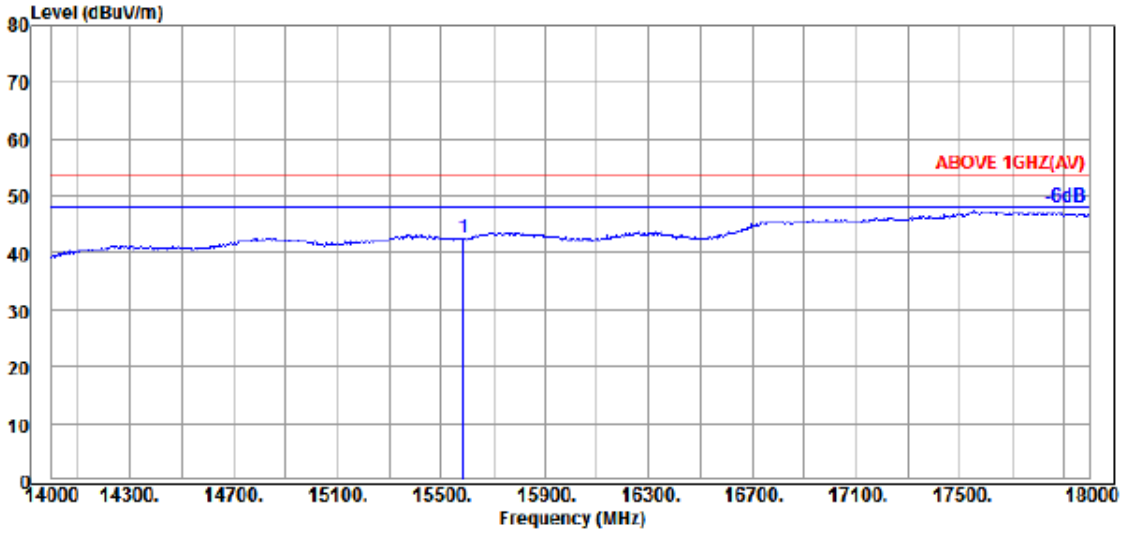
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	10390.000	37.60	14.95	34.76	29.53	47.32	74.00	26.68	Peak
2	15585.000	40.30	17.77	34.60	31.96	55.43	74.00	18.57	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5195MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5195MHz
                  ANT2
```

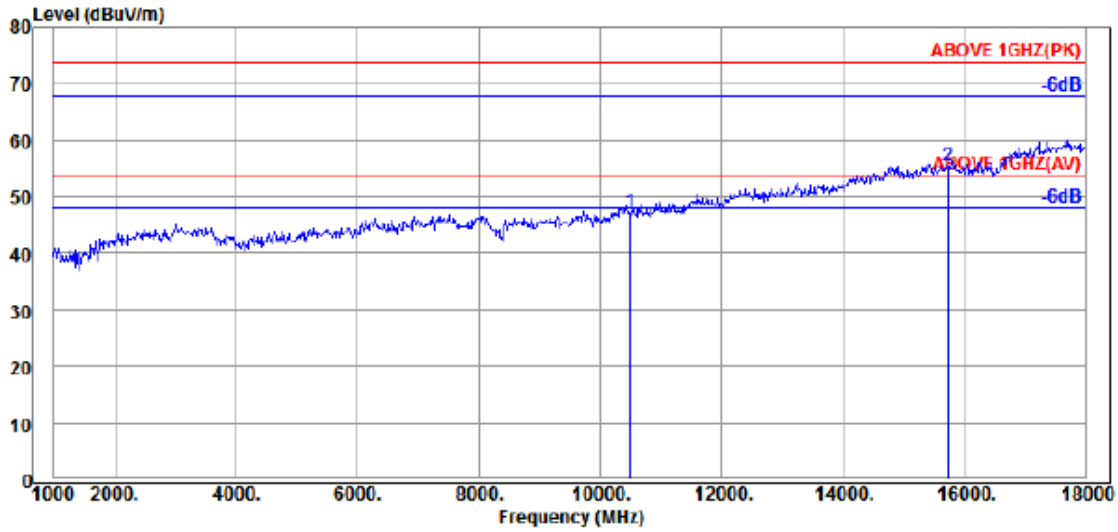
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	15585.000	40.30	17.77	34.60	19.10	42.57	54.00	11.43	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5245MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT2
```

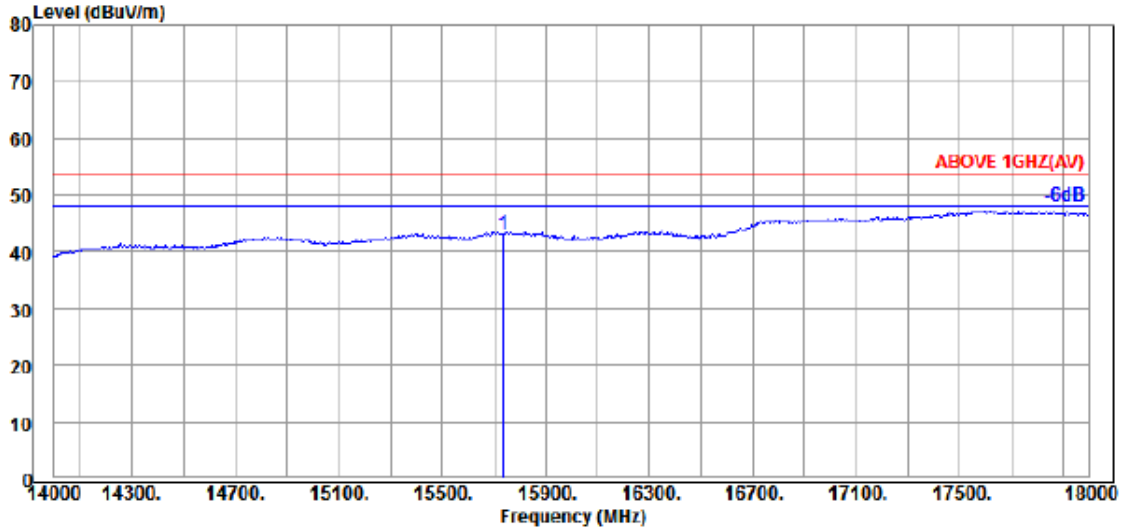
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10490.000	37.75	15.02	34.67	29.07	47.17	74.00	26.83	Peak
2	15735.000	40.60	17.91	34.63	31.74	55.62	74.00	18.38	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5245MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT2
```

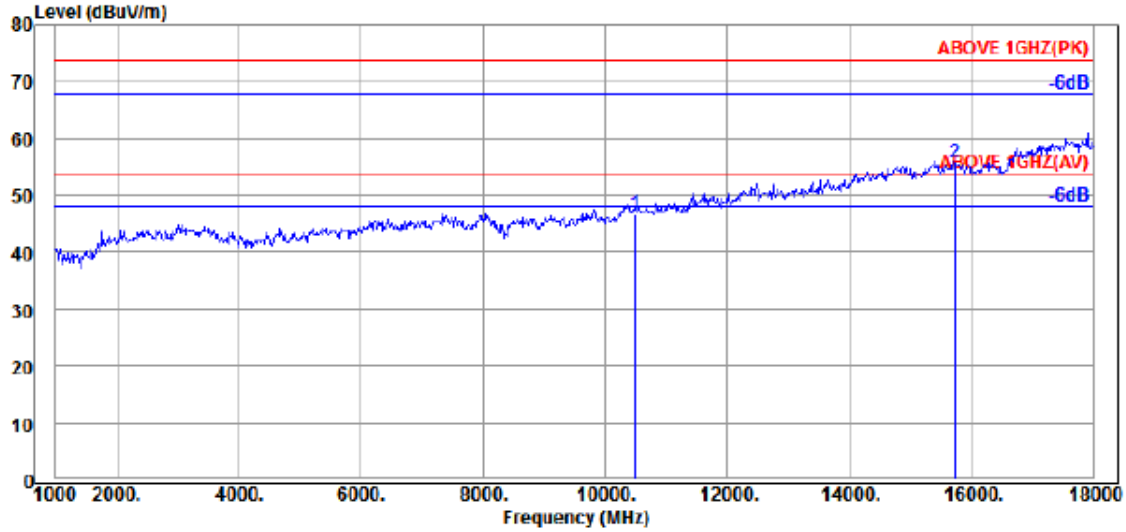
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	15735.000	40.70	17.91	34.64	19.29	43.26	54.00	10.74	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5245MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT2
```

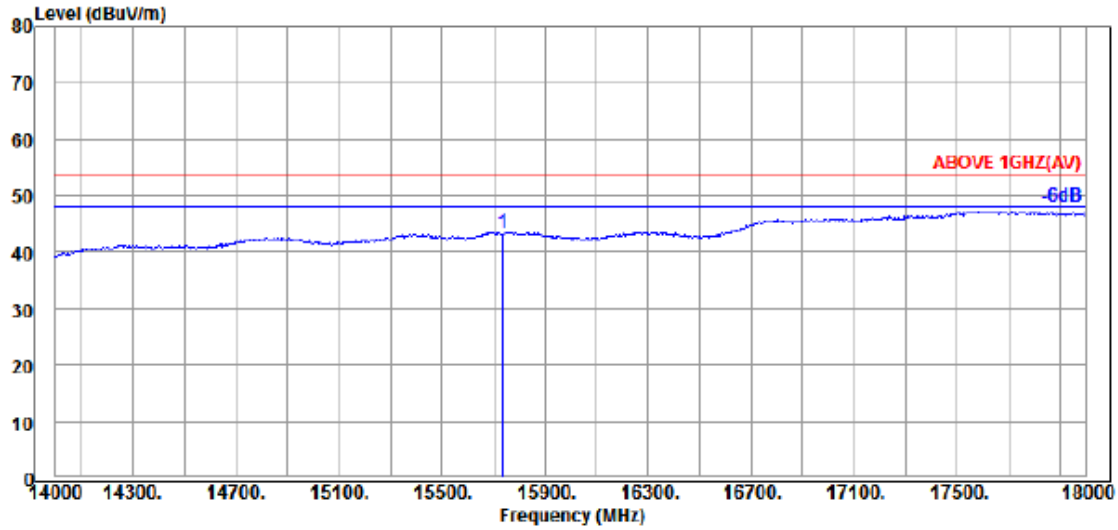
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	10490.000	37.75	15.02	34.67	28.52	46.62	74.00	27.38	Peak
2	15735.000	40.60	17.91	34.63	31.82	55.70	74.00	18.30	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	1
Antenna	Antenna #2	Frequency	TX 5245MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5245MHz
                  ANT2
```

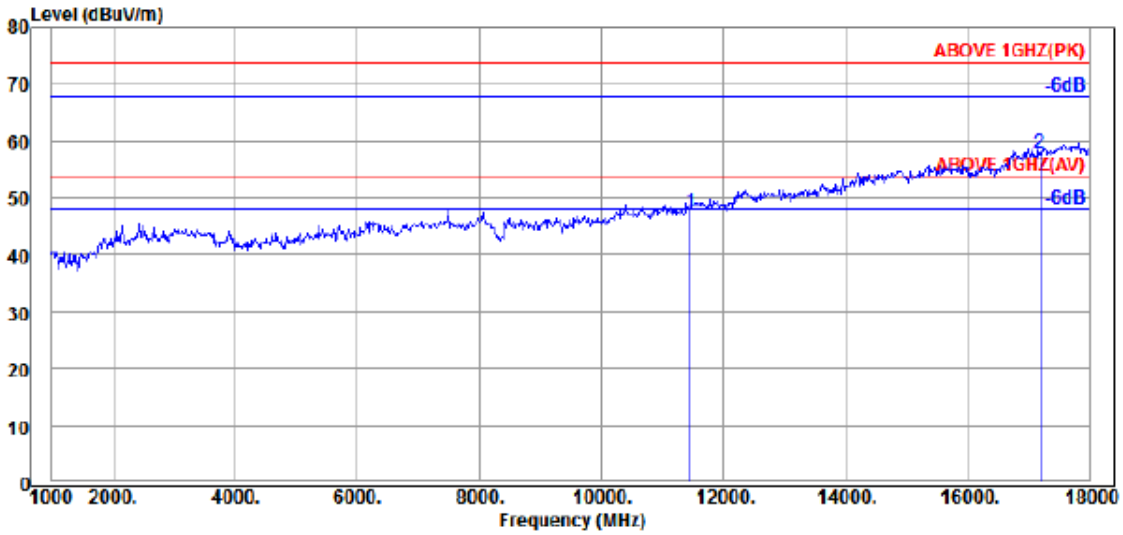
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	15735.000	40.70	17.91	34.64	19.37	43.34	54.00	10.66	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5730MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.    :  VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer    :  Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW         :  1000KHz
EUT            :  WL1BKT22                        VBW         :  3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT2
```

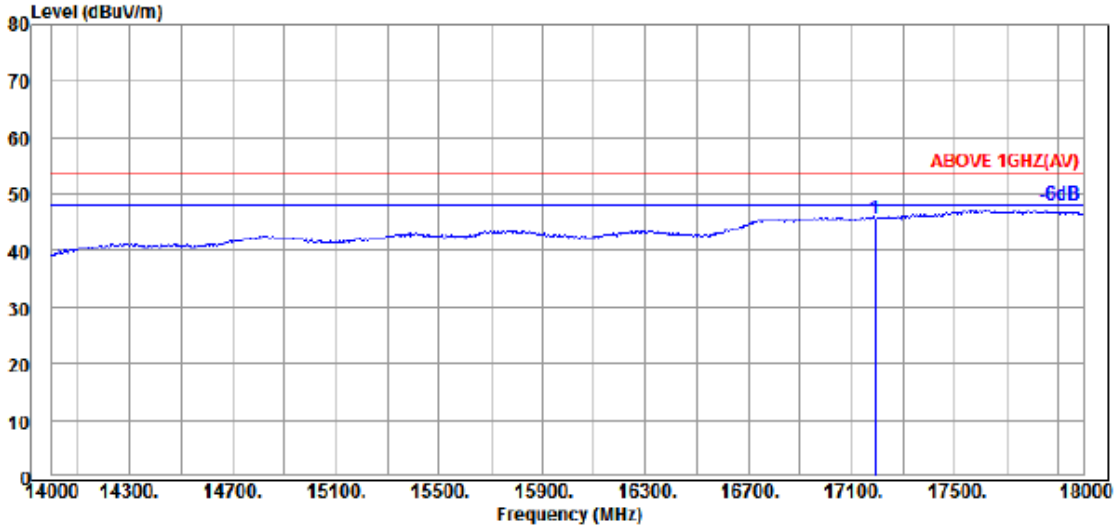
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limit Line (dBμV/m)	Margin (dB)	Detector
1	11460.000	38.43	15.67	34.52	27.94	47.52	74.00	26.48	Peak
2	17190.000	41.30	18.77	33.69	31.54	57.92	74.00	16.08	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5730MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT2
```

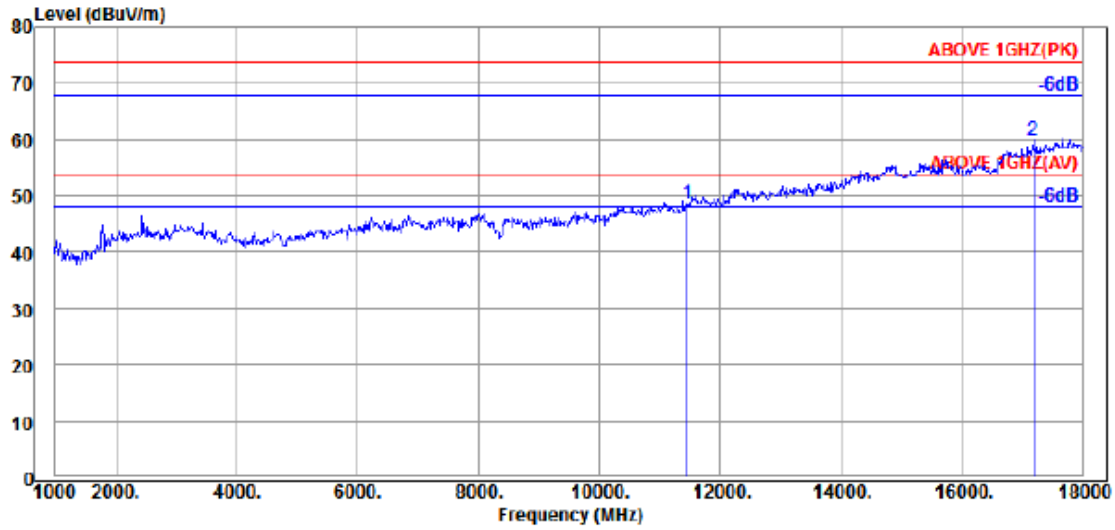
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17190.000	41.30	18.77	33.69	19.32	45.70	54.00	8.30	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5730MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT2
```

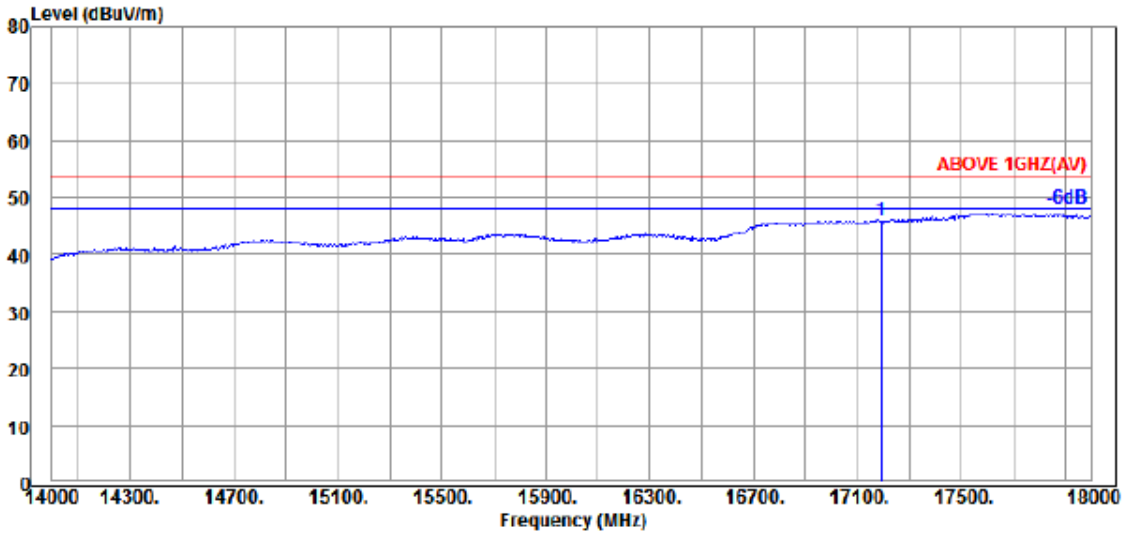
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11460.000	38.43	15.67	34.52	29.09	48.67	74.00	25.33	Peak
2	17190.000	41.30	18.77	33.69	33.56	59.94	74.00	14.06	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5730MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5730MHz
                  ANT2
```

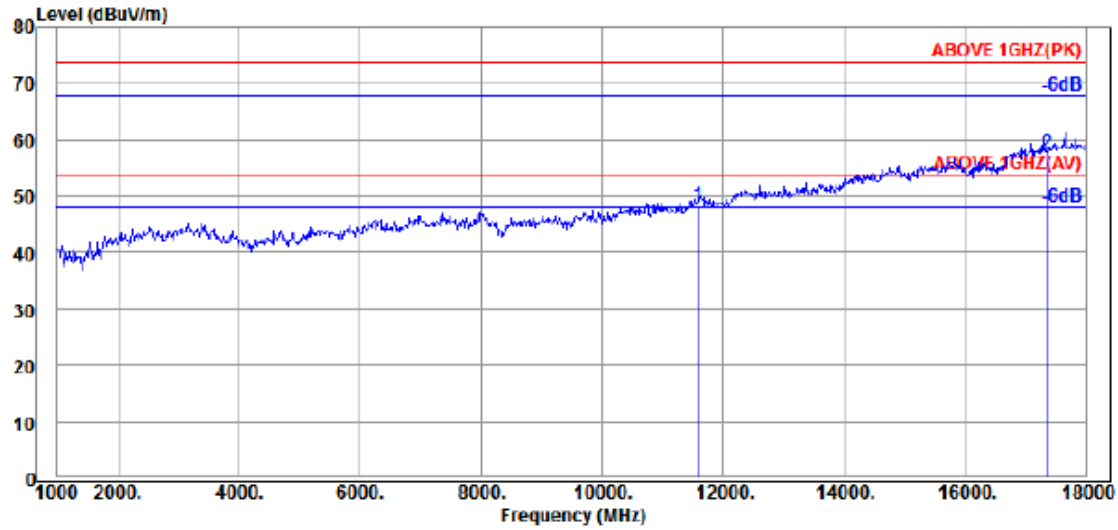
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17190.000	41.30	18.77	33.69	19.54	45.92	54.00	8.08	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5790MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT2
```

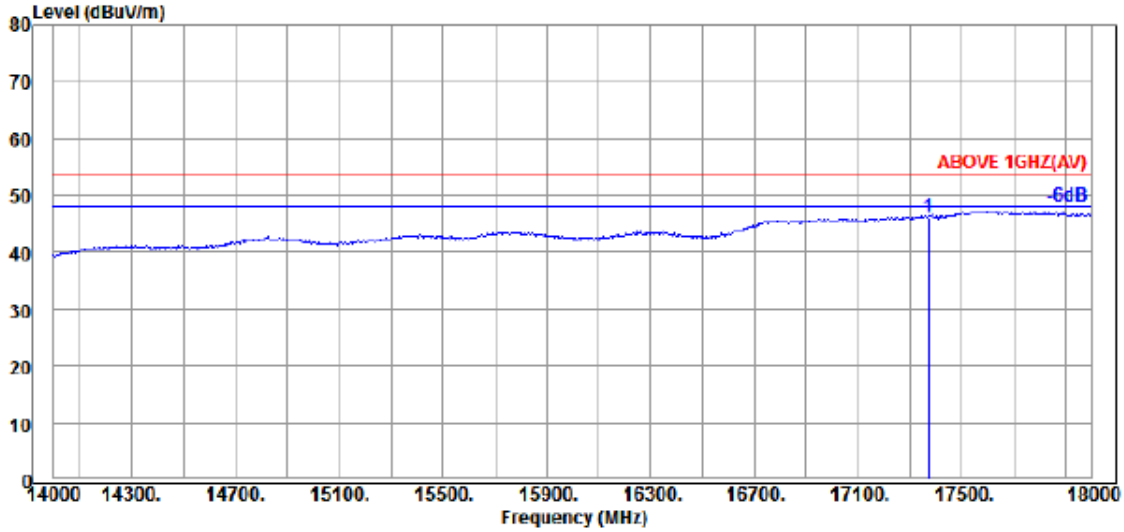
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11580.000	38.43	15.82	34.54	28.60	48.31	74.00	25.69	Peak
2	17370.000	41.10	18.86	33.64	31.39	57.71	74.00	16.29	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5790MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT2
```

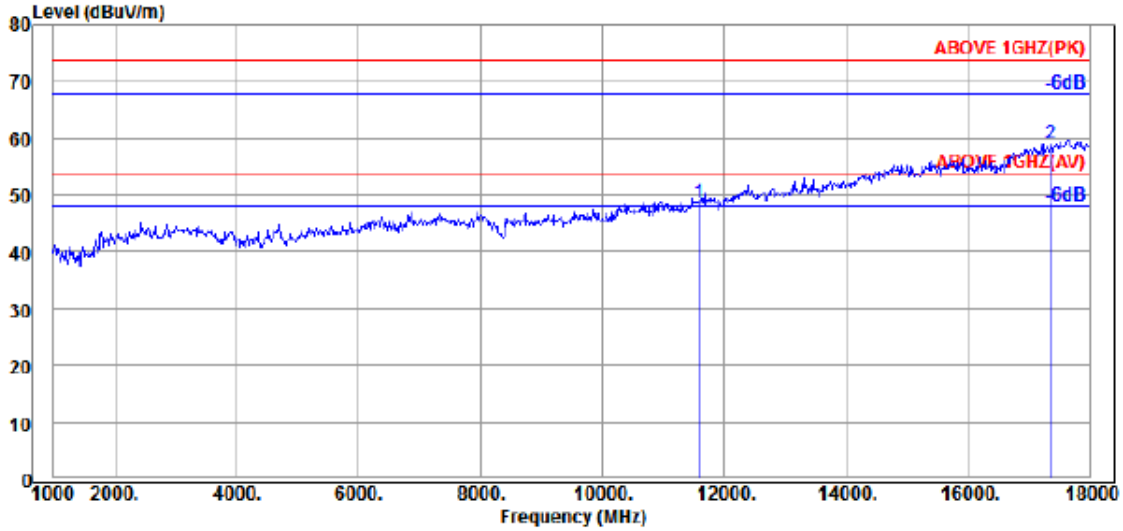
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17370.000	41.10	18.86	33.64	19.87	46.19	54.00	7.81	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5790MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT2
```

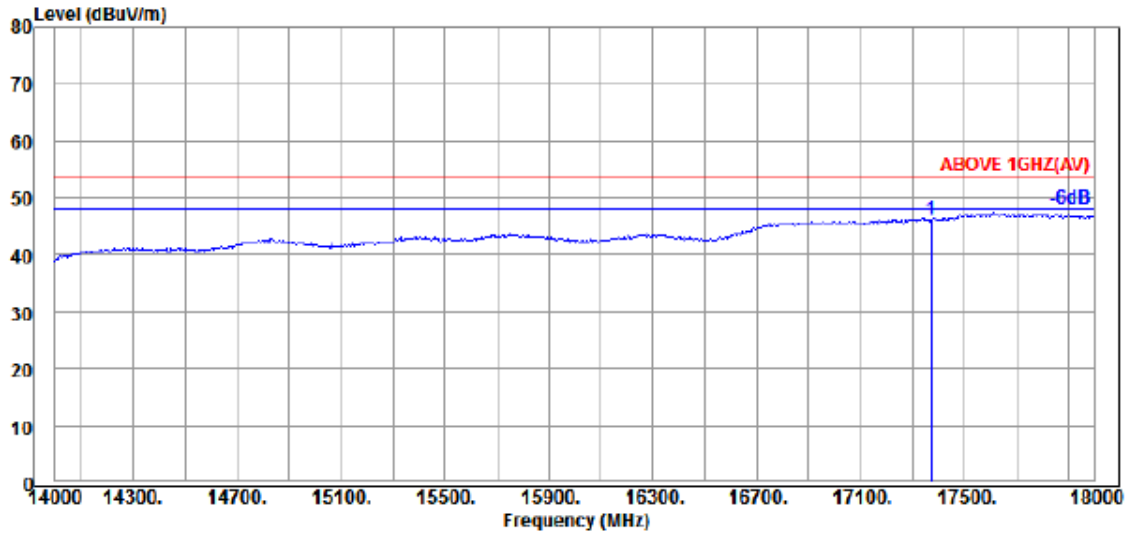
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11580.000	38.43	15.82	34.54	28.83	48.54	74.00	25.46	Peak
2	17370.000	41.10	18.86	33.64	32.70	59.02	74.00	14.98	Peak

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5790MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5790MHz
                  ANT2
```

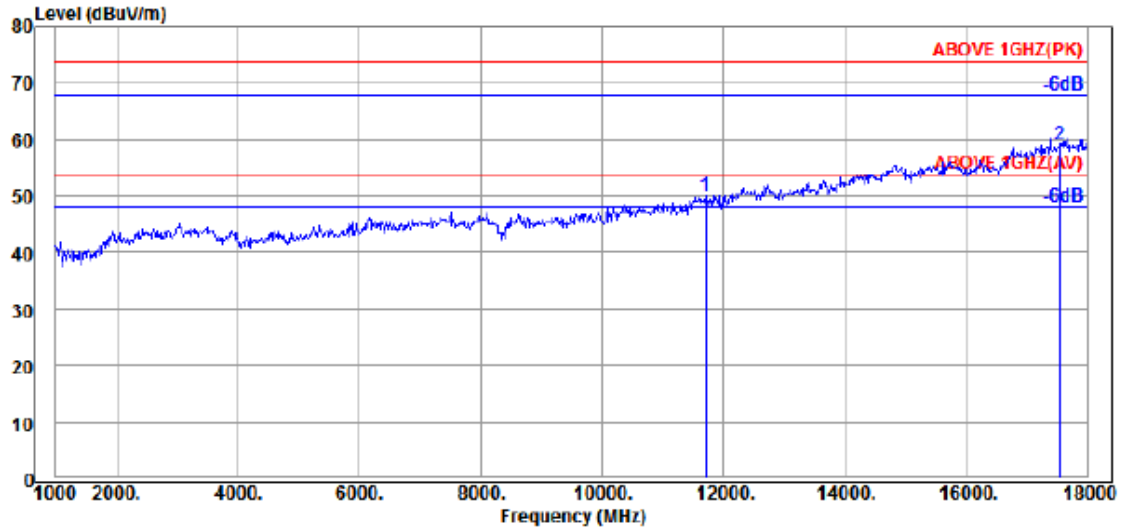
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17370.000	41.10	18.86	33.64	19.88	46.20	54.00	7.80	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5848MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT2
```

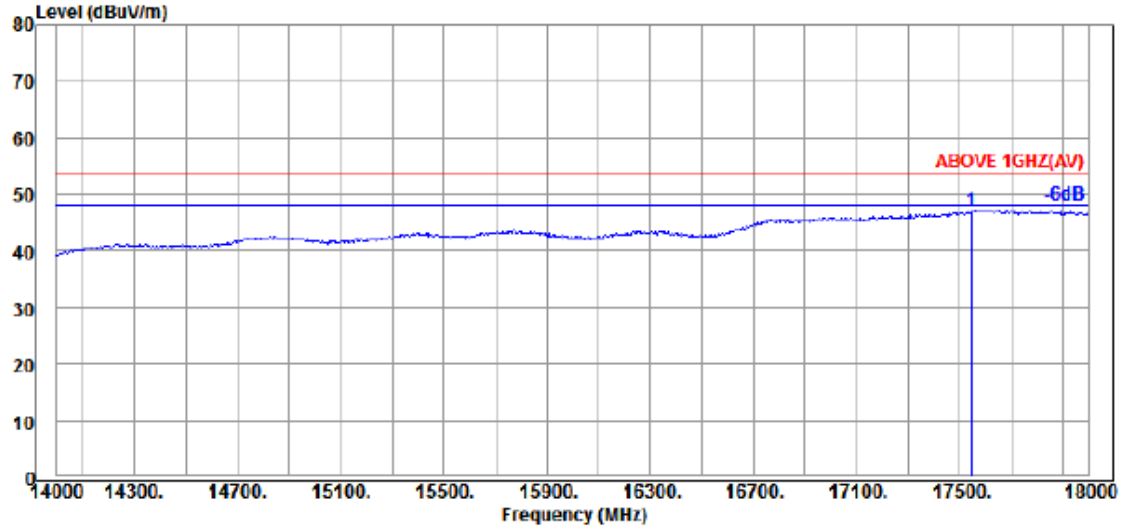
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11696.000	38.50	15.97	34.58	30.05	49.94	74.00	24.06	Peak
2	17544.000	41.20	19.04	33.60	32.45	59.09	74.00	14.91	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5848MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : VERTICAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT2
```

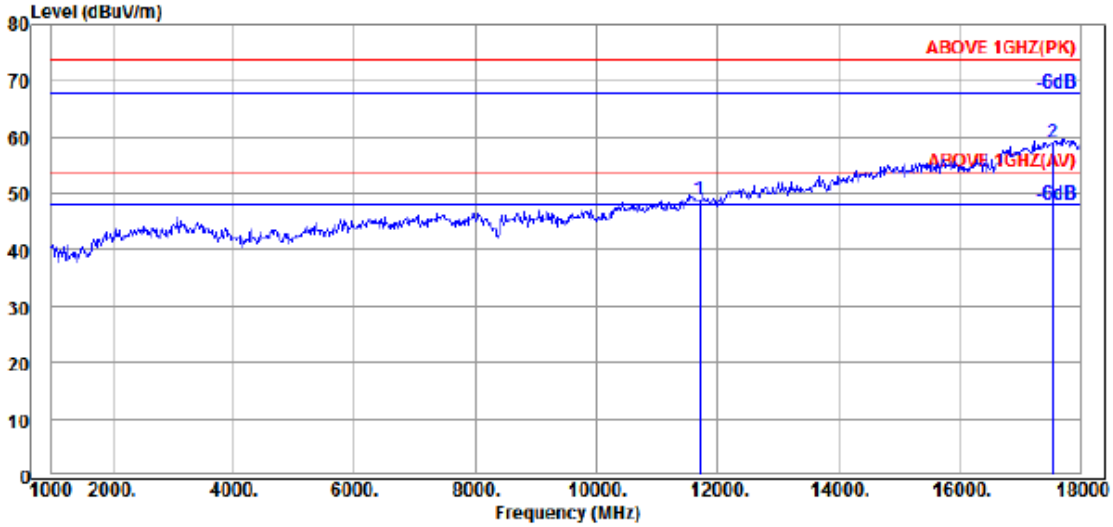
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17544.000	41.20	19.04	33.60	20.30	46.94	54.00	7.06	Average

```
Remark:  1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
         2. The emissions not reported are 20 dB lower than the specified limit.
```

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5848MHz

Identify 1 – 18 GHz spurious emissions:




```
Condition      :  3m                              Ant.Pol.   : HORIZONTAL
Instrument 1   :  Spectrum N9010B(198)
Instrument 2   :  3117 (902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer   : Hua_Wu
Env. /Ins.     :  24*C / 55%                      RBW        : 1000KHz
EUT            :  WL1BKT22                        VBW        : 3000KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT2
```

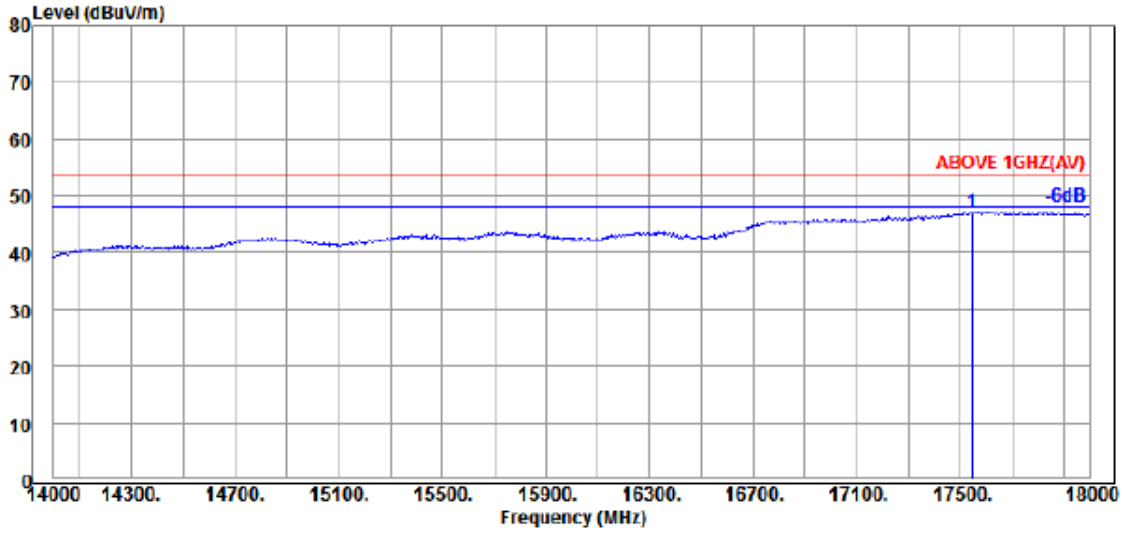
Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	11696.000	38.50	15.97	34.58	29.07	48.96	74.00	25.04	Peak
2	17544.000	41.20	19.04	33.60	32.54	59.18	74.00	14.82	Peak

Remark: 1. Emission Level= Antenna Factor + Cable Loss - Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	GFSK (2 Mbps)	U-NII Band	3
Antenna	Antenna #2	Frequency	TX 5848MHz

Identify 14 – 18 GHz average spurious emissions:




```
Condition      :  3m                              Ant.Pol.    : HORIZONTAL
Instrument 1   :  Spectrum N9010B(269)
Instrument 2   :  3115(902)|RE-29|8449B (678)
Instrument 3   :  AH-840 (092)|RE-30|83051A (042)
Limit          :  ABOVE 1GHZ(AV)                  Engineer    : Hua_Wu
Env. /Ins.     :  23*C / 62%                      RBW         : 1000KHz
EUT            :  WL1BKT22                        VBW         : 1KHz
Power Rating   :  DC 3.3V
Memo           :  Tx5848MHz
                  ANT2
```

Item (Mark)	Freq (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector
1	17544.000	41.20	19.04	33.60	20.36	47.00	54.00	7.00	Average

Remark: 1. Emission Level= Antenna Factor + Cable Loss – Preamp Gain + Reading.
2. The emissions not reported are 20 dB lower than the specified limit.

A.2.3 Emissions in Non-restricted Frequency Bands

Pursuant to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 that emission levels below the 15.209 general radiated emissions limits is not required.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.3 EMISSION/OCCUPIED BANDWIDTH

Test Date	2022/07/12	Temp./Hum.	25°C/42%
Cable Loss	0.20dB	Tested By	Hua Wu
Test Voltage	DC 3.3V		

A.3.1 Emission/Occupied Bandwidth Result

- **Antenna #1**

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
GFSK (2 Mbps)	1	5155	4.383	2.6019	Reference only
		5195	4.264	2.5915	
		5245	4.376	2.5396	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (6dB)	Occupied (99%)	
	3	5730	2.099	3.7376	≥ 500kHz
		5790	2.154	3.6830	
		5848	2.201	3.6850	

- **Antenna #2**

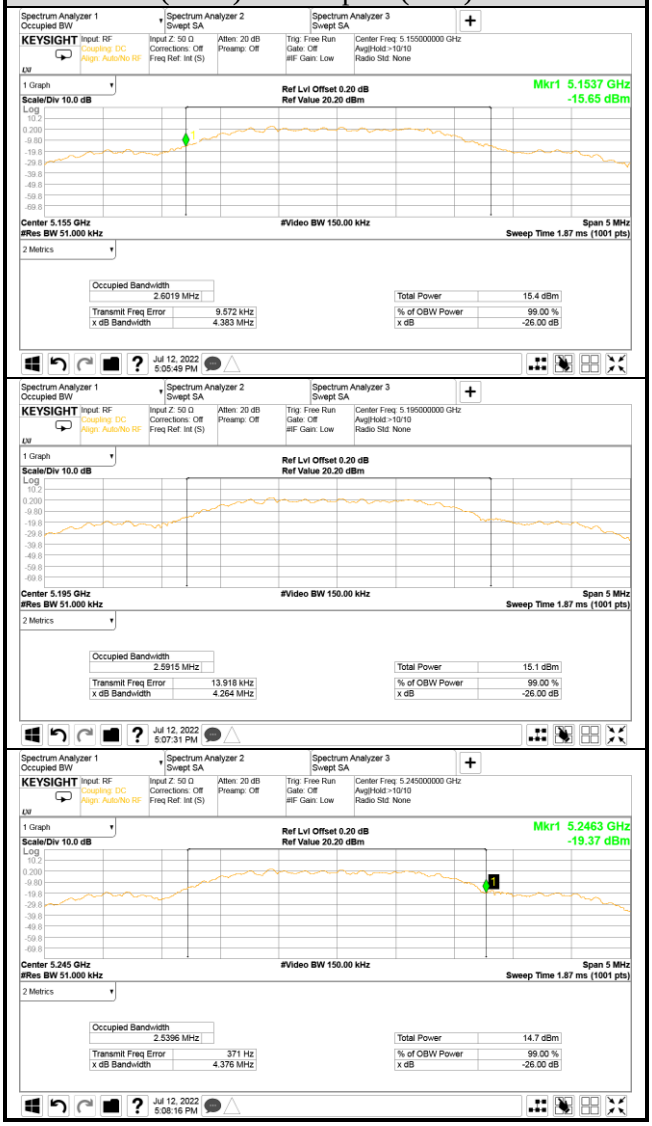
Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
GFSK (2 Mbps)	1	5155	4.372	2.5096	Reference only
		5195	4.272	2.5386	
		5245	4.263	2.4748	
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (6dB)	Occupied (99%)	
	3	5730	2.203	3.7287	≥ 500kHz
		5790	2.054	3.5376	
		5848	2.165	3.7337	

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.3.2 Measurement Plots

- **Antenna #1**

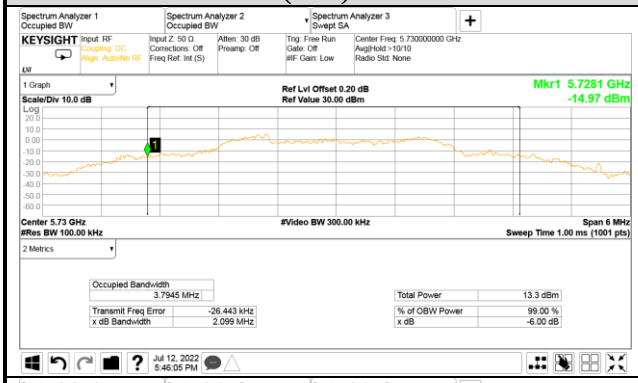
GFSK (2 Mbps)
Antenna #1
U-NII Band 1
Emission (26dB) & Occupied (99%) Bandwidth

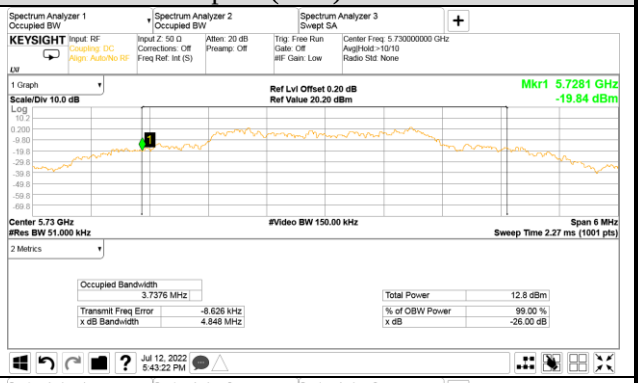


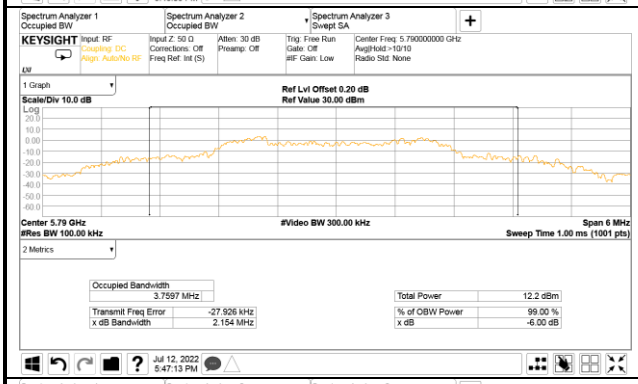
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

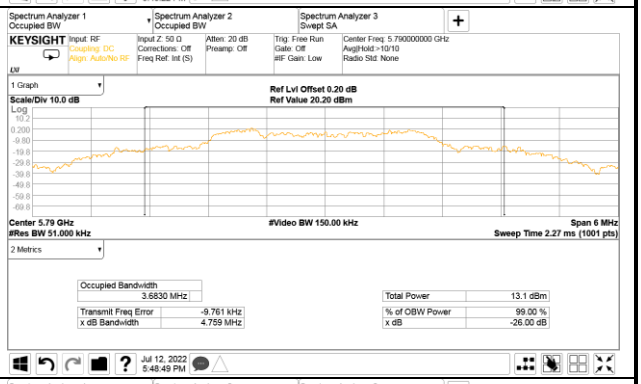
Tel: +886 2 26099301
Fax: +886 2 26099303

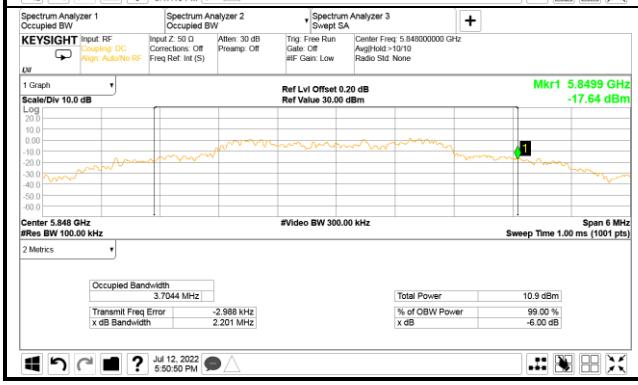
GFSK (2 Mbps)	
Antenna #1	
U-NII Band 3	
Emission (6dB) Bandwidth	Occupied (99%) Bandwidth

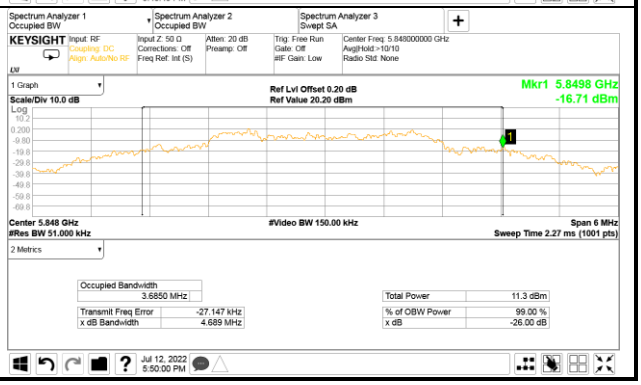










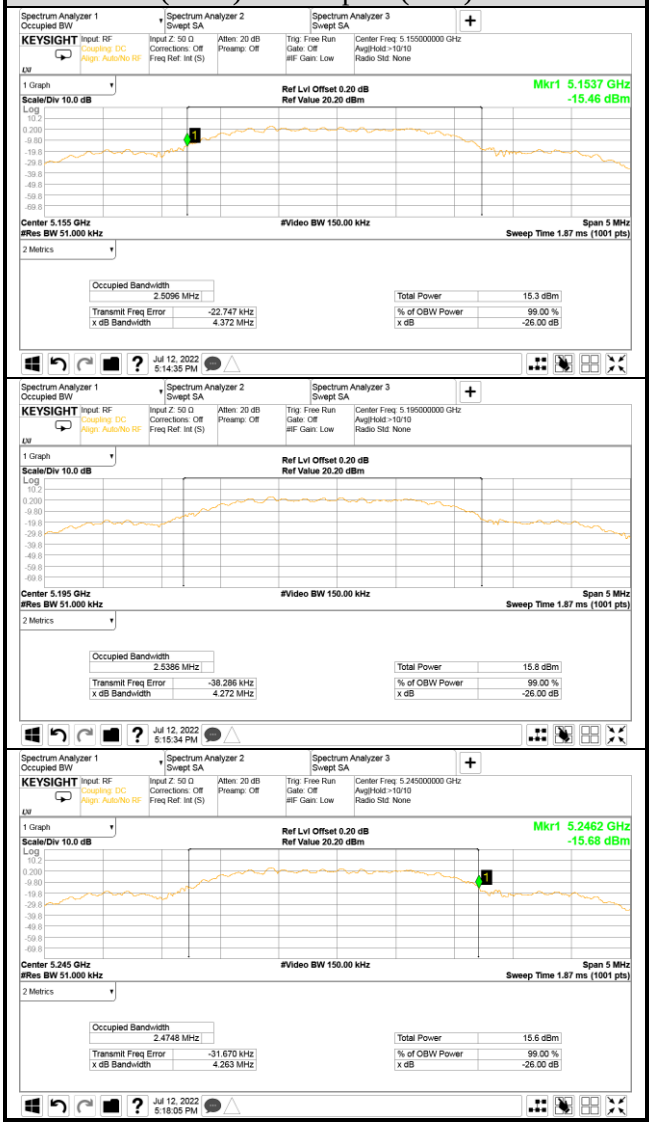


Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

- **Antenna #2**

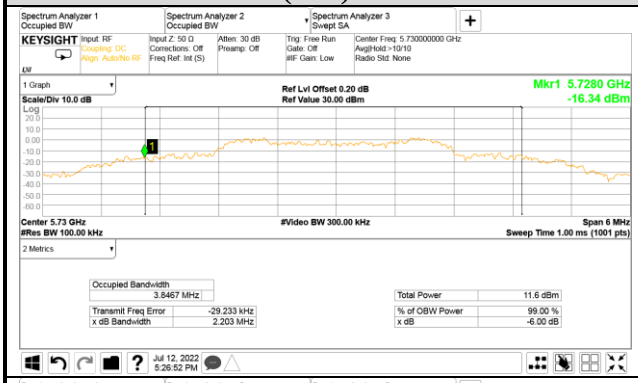
GFSK (2 Mbps)
Antenna #2
U-NII Band 1
Emission (26dB) & Occupied (99%) Bandwidth

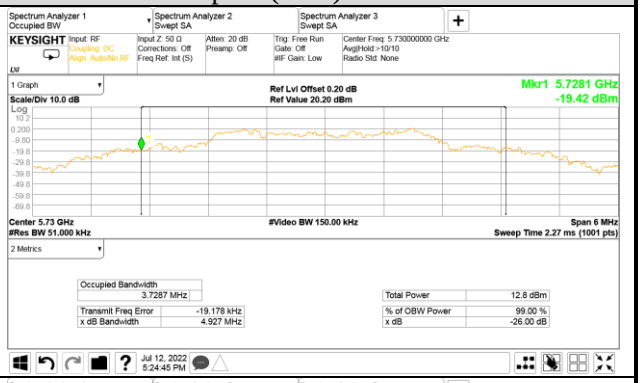


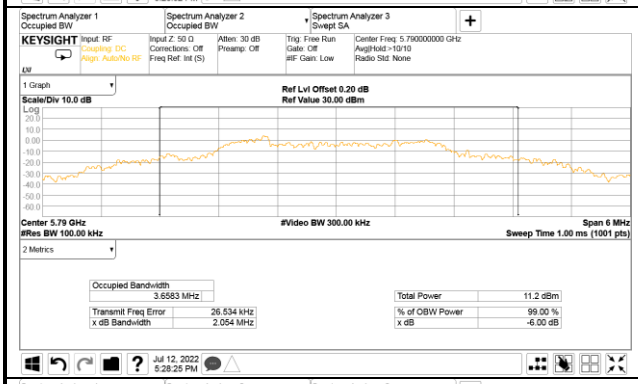
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

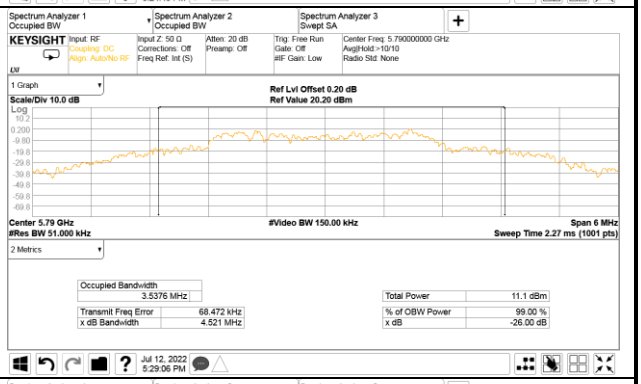
Tel: +886 2 26099301
Fax: +886 2 26099303

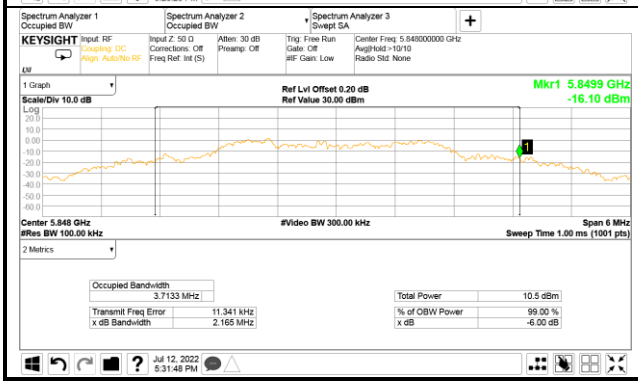
GFSK (2 Mbps)	
Antenna #2	
U-NII Band 3	
Emission (6dB) Bandwidth	Occupied (99%) Bandwidth

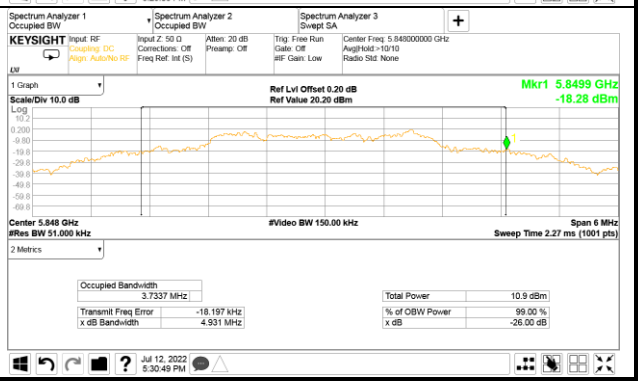












Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.4 MAXIMUM OUTPUT POWER

Test Date	2022/07/20	Temp./Hum.	25°C/50%
Cable Loss	0.20dB	Tested By	Hua Wu
Test Voltage	DC 3.3V		

A.4.1 Average Output Power

- **Antenna #1**

Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Average Output Power		Limit
					(dBm)	(W)	
GFSK (2 Mbps)	1	5155	-2.700	3.468	0.768	0.0012	< 250 mW (24 dBm)
		5195	0.360	3.468	3.828	0.0024	
		5245	0.450	3.468	**3.918**	**0.0025**	
	3	5730	-1.380	3.468	**2.088**	**0.0016**	< 1 W (30 dBm)
		5790	-1.830	3.468	1.638	0.0015	
		5848	-2.340	3.468	1.128	0.0013	

Note: The results have been included cable loss.

- **Antenna #2**

Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Average Output Power		Limit
					(dBm)	(W)	
GFSK (2 Mbps)	1	5155	-2.200	3.468	1.268	0.0013	< 250 mW (24 dBm)
		5195	1.000	3.468	4.468	0.0028	
		5245	1.070	3.468	**4.538**	**0.0028**	
	3	5730	-2.940	3.468	**0.528**	**0.0011**	< 1 W (30 dBm)
		5790	-3.760	3.468	-0.292	0.0009	
		5848	-4.600	3.468	-1.132	0.0008	

Note: The results have been included cable loss.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.5 POWER SPECTRAL DENSITY

Test Date	2022/07/12~20	Temp./Hum.	25°C/42~50%
Cable Loss	0.20dB	Tested By	Hua Wu
Test Voltage	DC 3.3V		

A.5.1 Power Spectral Density Result

- **Antenna #1**

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Duty Cycle Factor 10log(1/X)	Power Spectral Density (dBm)	Limit
GFSK (2 Mbps)	1	5155	-4.367	3.468	-0.899	11 dBm/MHz
		5195	-1.821	3.468	1.647	
		5245	-1.671	3.468	1.797	
	3 Note2	5730	-4.246	3.468	-0.778	30dBm/500 kHz
		5790	-4.805	3.468	-1.337	
		5848	-5.555	3.468	-2.087	

Note 1: All results have been included cable loss and duty cycle factor.
Note 2: BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

- **Antenna #2**

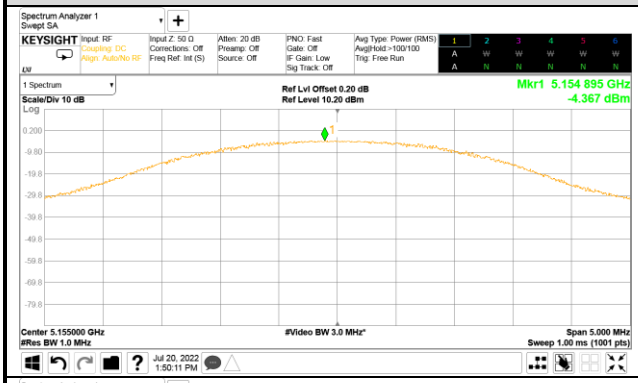
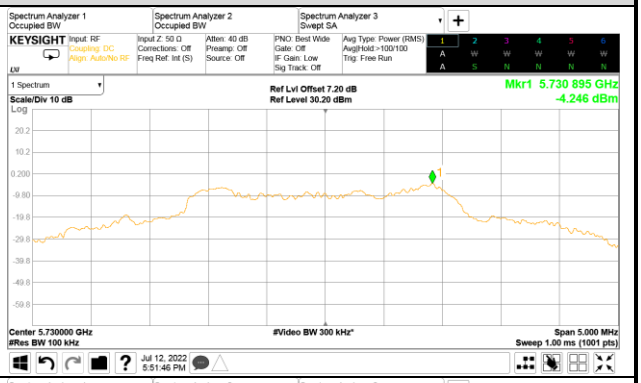
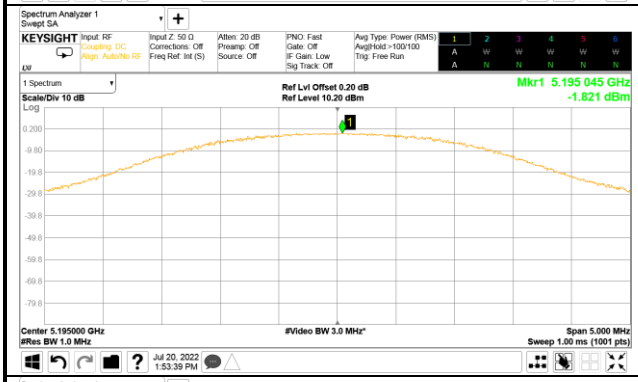
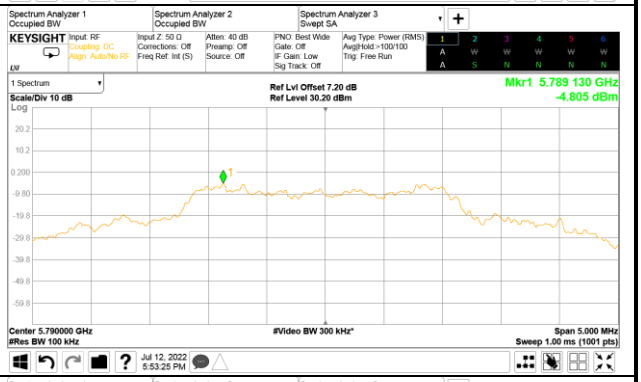
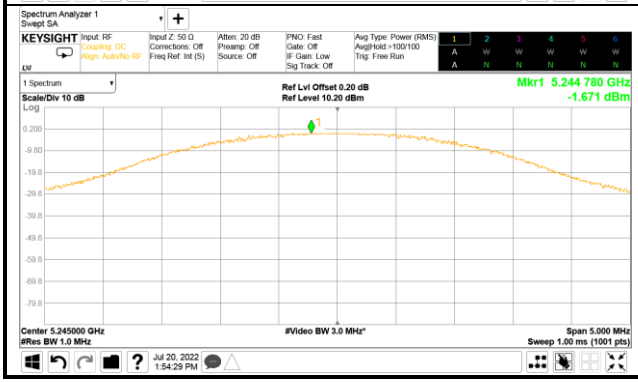
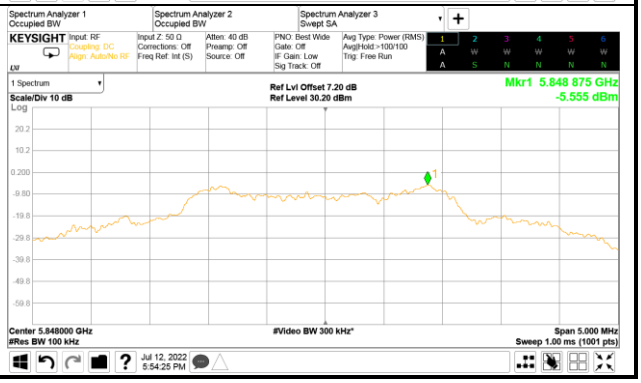
Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Duty Cycle Factor 10log(1/X)	Power Spectral Density (dBm)	Limit
GFSK (2 Mbps)	1	5155	-3.998	3.468	-0.530	11 dBm/MHz
		5195	-0.834	3.468	2.634	
		5245	-0.841	3.468	2.627	
	3 Note2	5730	-5.633	3.468	-2.165	30dBm/500 kHz
		5790	-6.332	3.468	-2.864	
		5848	-6.814	3.468	-3.346	

Note 1: All results have been included cable loss and duty cycle factor.
Note 2: BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.5.2 Measurement Plots

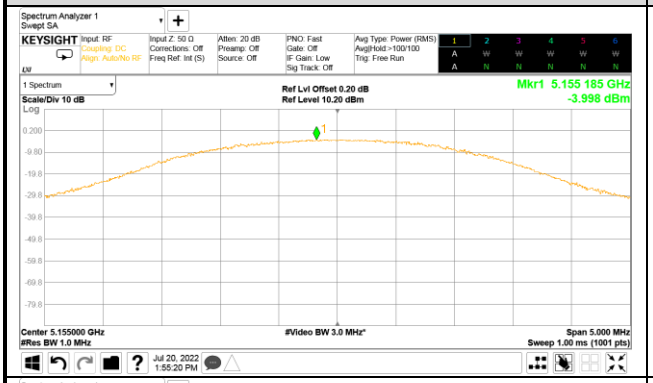
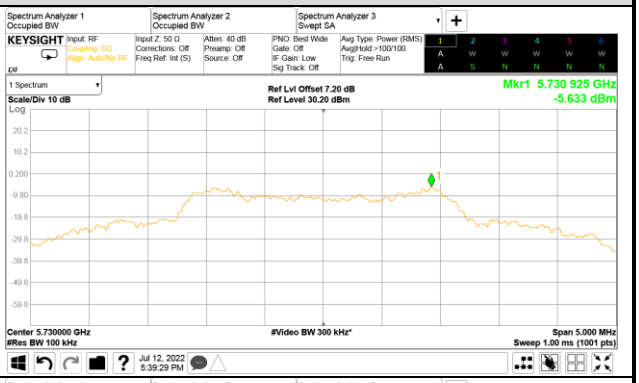
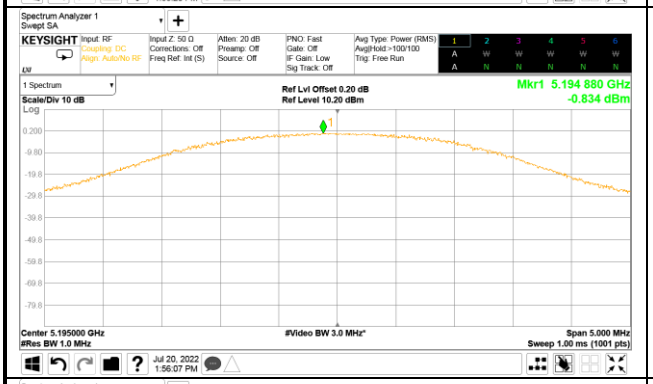
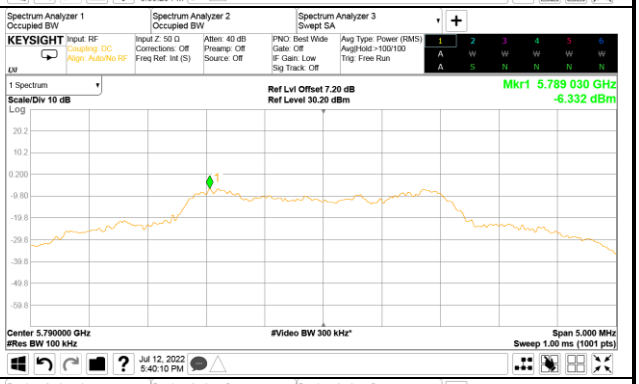
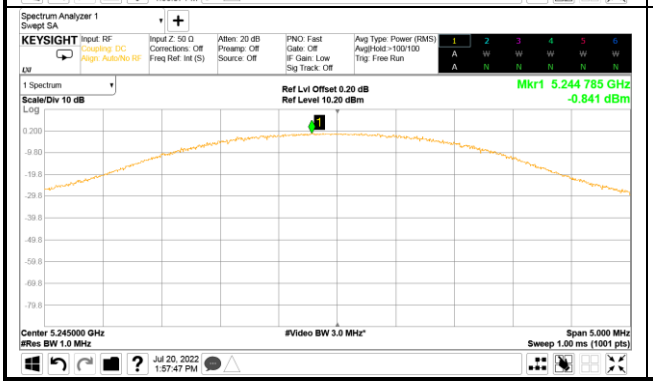
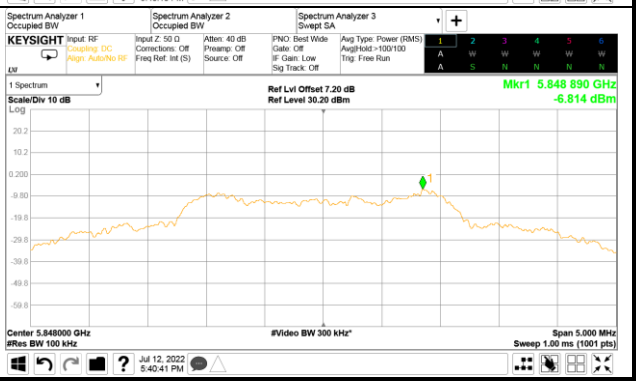
- **Antenna #1**

GFSK (2 Mbps)	
Antenna #1	
U-NII Band 1	U-NII Band 3
	
	
	

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

- **Antenna #2**

GFSK (2 Mbps)	
Antenna #2	
U-NII Band 1	U-NII Band 3
	
	
	

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.6 FREQUENCY STABILITY

Test Date	2022/07/12	Temp./Hum.	25°C/42%
Test Voltage	DC 3.3V	Tested By	Hua Wu

A.6.1 Frequency stability Result

- **Antenna #1**

Temperature (°C)	Voltage (Vdc)	Centre Frequency (MHz)	Measurement Value (MHz)	Frequency Stability (ppm)
25	3.30	5155	5154.991	-1.746
-30	2.97		5154.983	-3.298
	3.63		5154.988	-2.328
-20	2.97		5155.015	2.910
	3.63		5155.022	4.268
-10	2.97		5155.007	1.358
	3.63		5155.012	2.328
0	2.97		5155.017	3.298
	3.63		5155.008	1.552
10	2.97		5155.016	3.104
	3.63		5154.981	-3.686
20	2.97		5154.985	-2.910
	3.63		5154.992	-1.552
30	2.97		5154.983	-3.298
	3.63		5154.991	-1.746
40	2.97		5154.987	-2.522
	3.63		5155.018	3.492
50	2.97		5155.013	2.522
	3.63		5154.995	-0.970

- **Antenna #2**

Temperature (°C)	Voltage (Vdc)	Centre Frequency (MHz)	Measurement Value (MHz)	Frequency Stability (ppm)
25	3.30	5155	5155.002	0.388
-30	2.97		5154.992	-1.552
	3.63		5154.981	-3.686
-20	2.97		5154.983	-3.298
	3.63		5154.987	-2.522
-10	2.97		5154.993	-1.358
	3.63		5155.014	2.716
0	2.97		5155.012	2.328
	3.63		5154.983	-3.298
10	2.97		5155.017	3.298
	3.63		5155.004	0.776
20	2.97		5154.982	-3.492
	3.63		5154.987	-2.522
30	2.97		5154.983	-3.298
	3.63		5155.015	2.910
40	2.97		5154.988	-2.328
	3.63		5155.012	2.328
50	2.97		5154.993	-1.358
	3.63		5154.985	-2.910