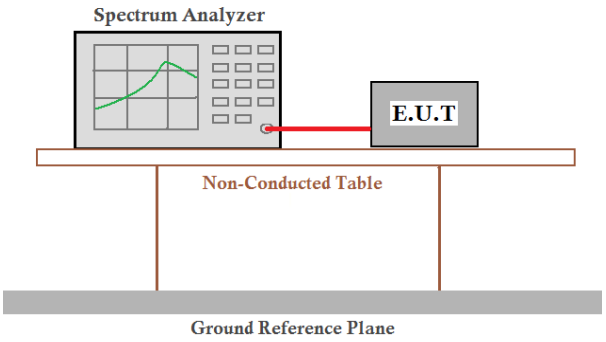
6.9 Band Edge

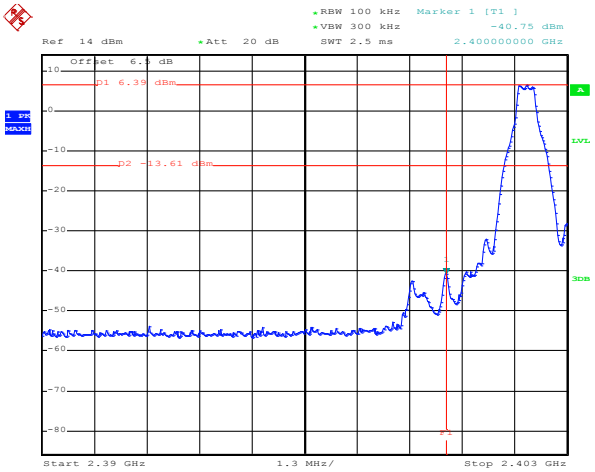
6.9.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2013 and DA00-705
Receiver setup:	RBW=100 kHz, VBW=300 kHz, Detector=Peak
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 5.7 for details
Test mode:	Non-hopping mode and hopping mode
Test results:	Pass

Test plot as follows:

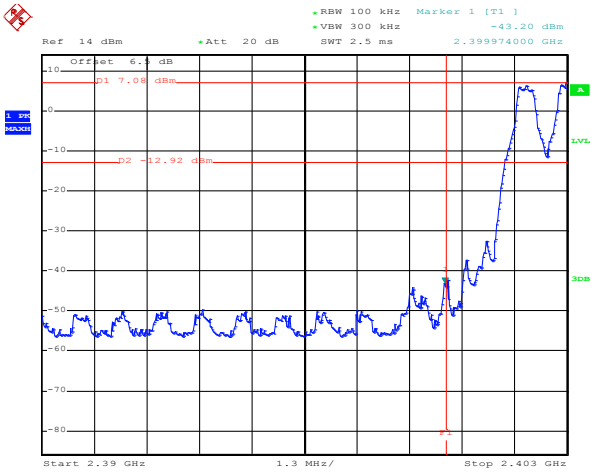
GFSK

Lowest Channel



Date: 4.JAN.2017 11:05:14

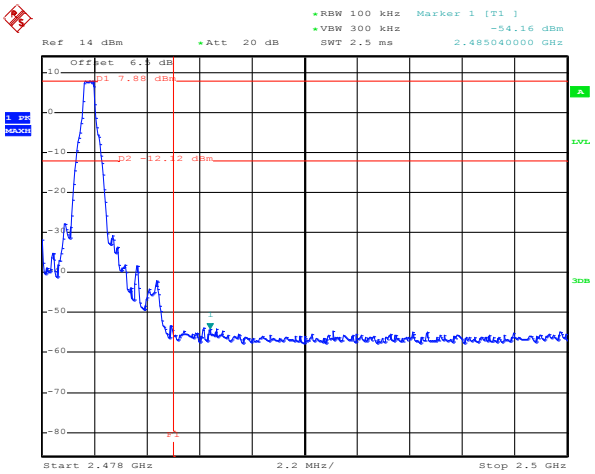
No-hopping mode



Date: 4.JAN.2017 11:03:20

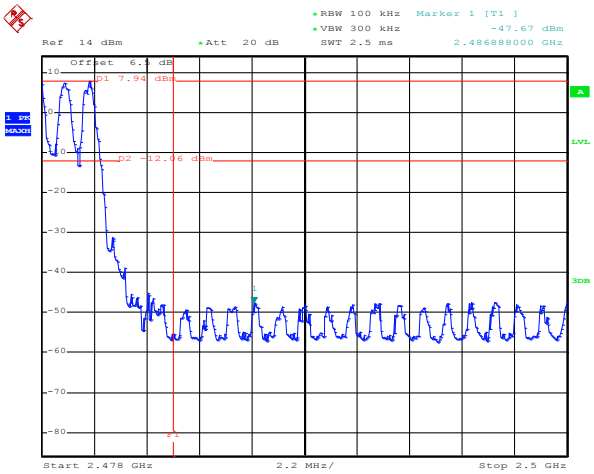
Hopping mode

Highest Channel



Date: 4.JAN.2017 11:06:28

No-hopping mode

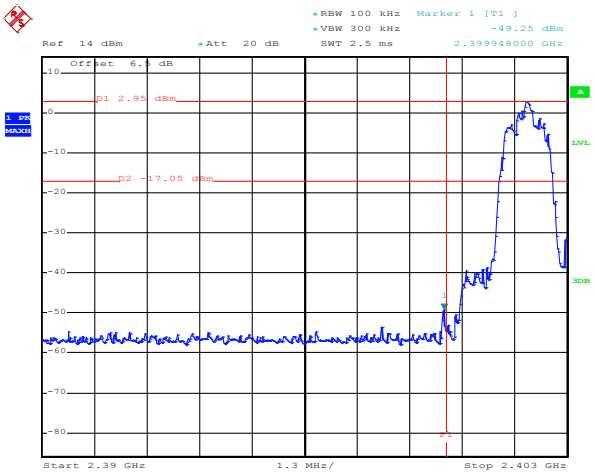


Date: 4.JAN.2017 11:07:26

Hopping mode

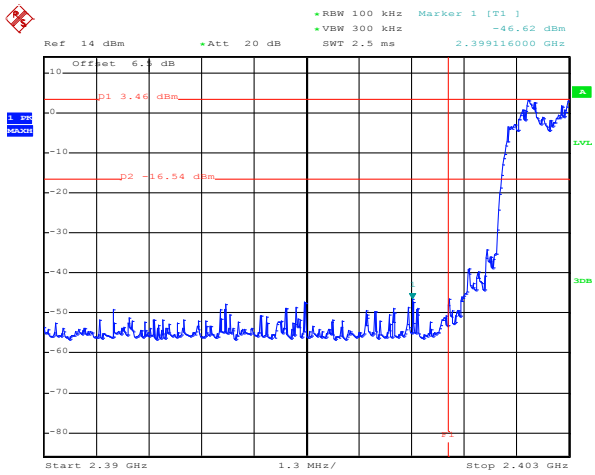
π/4-DQPSK

Lowest Channel



Date: 4.JAN.2017 11:25:55

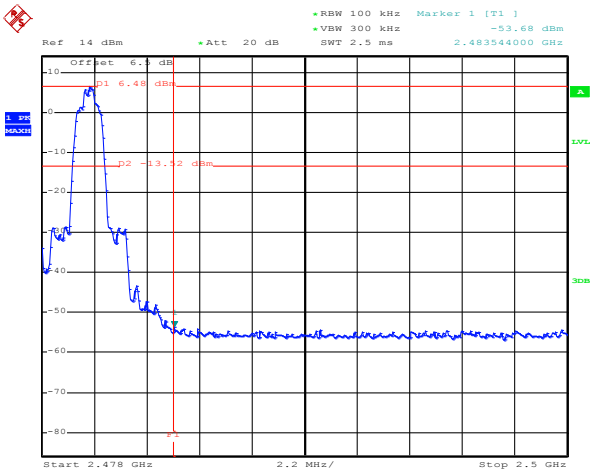
No-hopping mode



Date: 4.JAN.2017 11:24:22

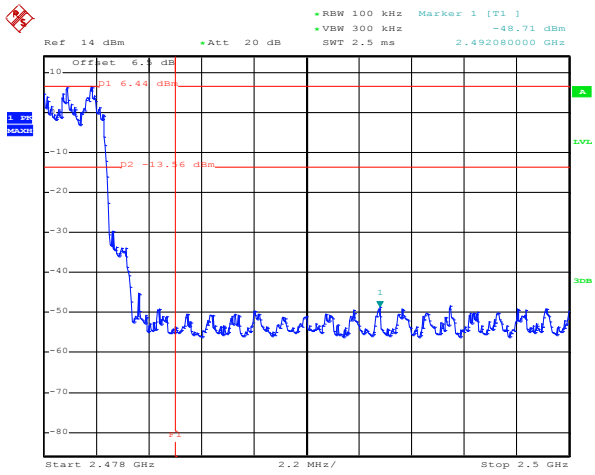
Hopping mode

Highest Channel



Date: 4.JAN.2017 11:10:11

No-hopping mode

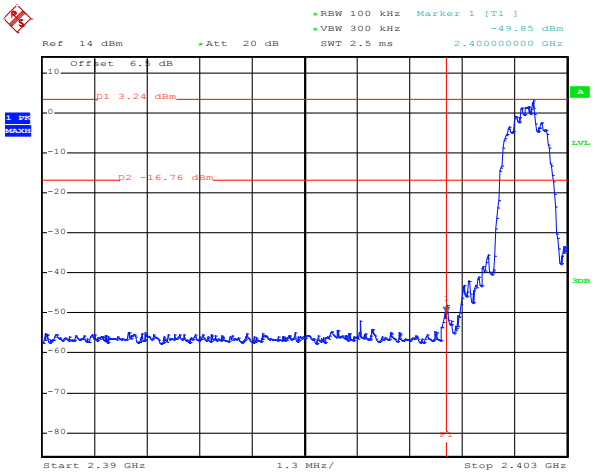


Date: 4.JAN.2017 11:12:06

Hopping mode

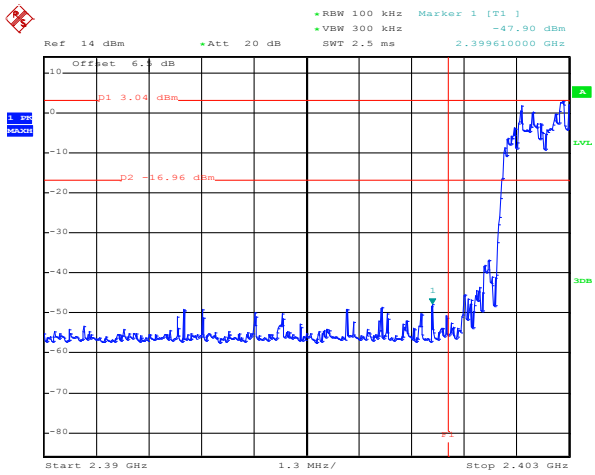
8DPSK

Lowest Channel



Date: 4.JAN.2017 11:20:26

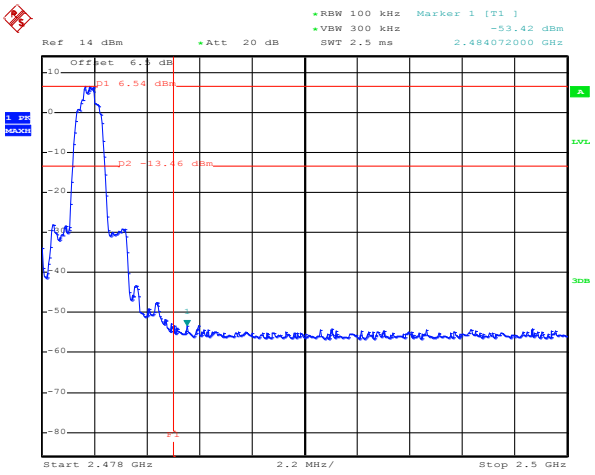
No-hopping mode



Date: 4.JAN.2017 11:21:02

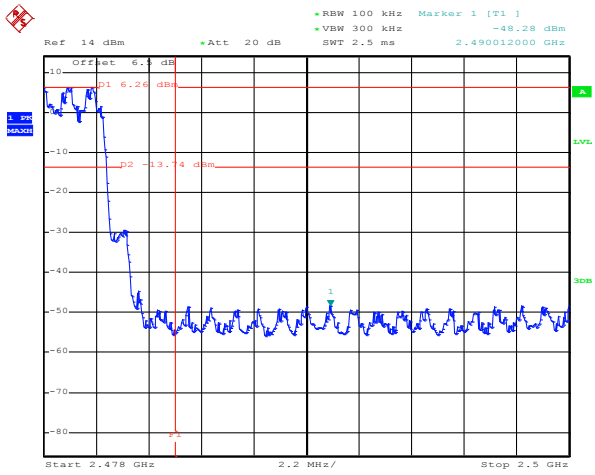
Hopping mode

Highest Channel



Date: 4.JAN.2017 11:18:07

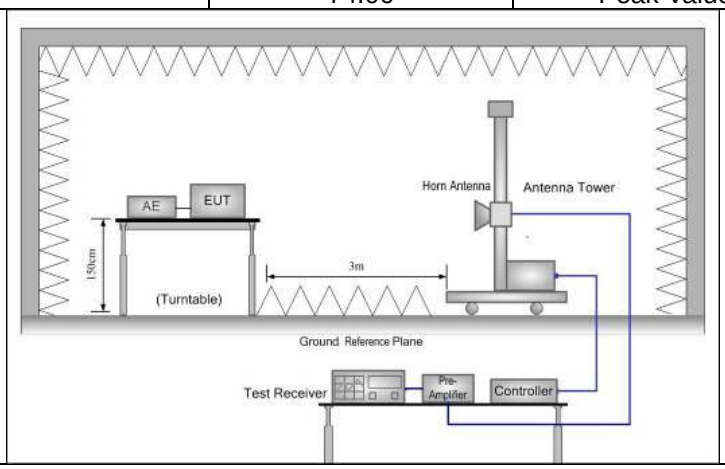
No-hopping mode



Date: 4.JAN.2017 11:16:00

Hopping mode

6.9.2 Radiated Emission Method

<table>
<tr><td>Test Requirement:</td><td colspan="5">FCC Part 15 C Section 15.209 and 15.205</td></tr>
<tr><td>Test Method:</td><td colspan="5">ANSI C63.10: 2013</td></tr>
<tr><td>Test Frequency Range:</td><td colspan="5">2.3GHz to 2.5GHz</td></tr>
<tr><td>Test site:</td><td colspan="5">Measurement Distance: 3m</td></tr>
<tr><td rowspan="3">Receiver setup:</td><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr>
<tr><td>RMS</td><td>1MHz</td><td>3MHz</td><td>Average Value</td></tr>
<tr><td rowspan="3">Limit:</td><td colspan="2">Frequency</td><td colspan="2">Limit (dBuV/m @3m)</td><td>Remark</td></tr>
<tr><td colspan="2" rowspan="2">Above 1GHz</td><td colspan="2">54.00</td><td>Average Value</td></tr>
<tr><td colspan="2">74.00</td><td>Peak Value</td></tr>
<tr><td>Test setup:</td><td colspan="5"> 
</td></tr>
<tr><td>Test Procedure:</td><td colspan="5">1. The EUT was placed on the top of a rotating table 1.5meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</td></tr>
<tr><td>Test Instruments:</td><td colspan="5">Refer to section 5.7 for details</td></tr>
<tr><td>Test mode:</td><td colspan="5">Non-hopping mode</td></tr>
<tr><td>Test results:</td><td colspan="5">Passed</td></tr>
</table>

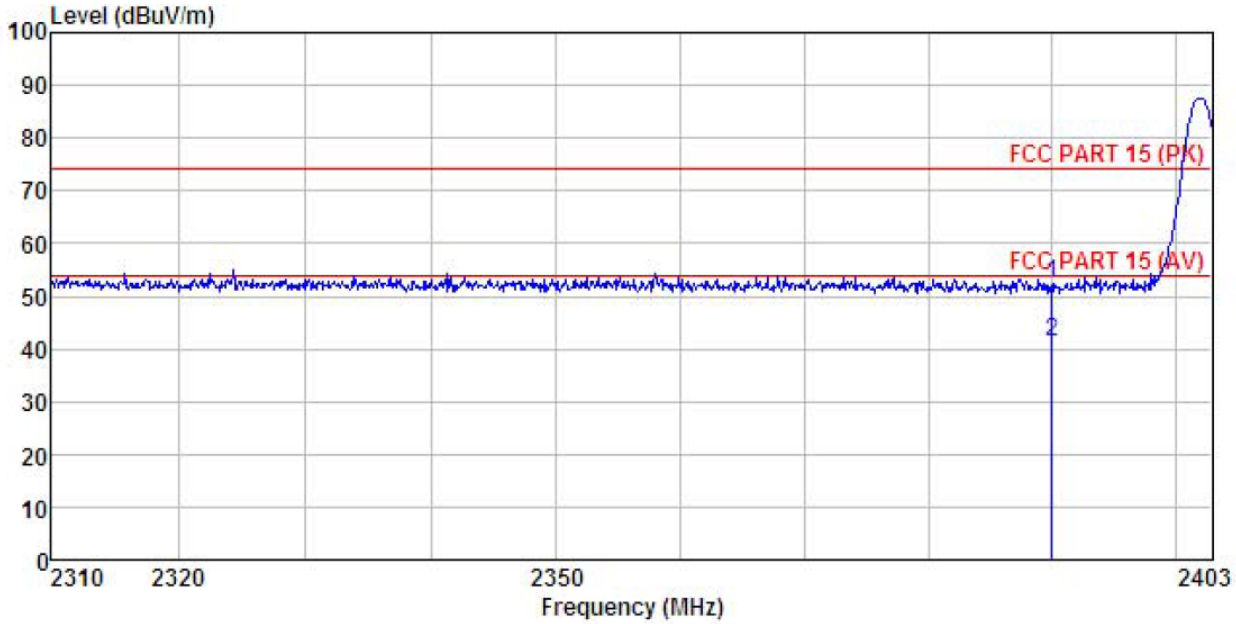
Remark:

1. *During the test, pre-scan the GFSK, π/4-DQPSK, 8DPSK, and all data were shown in report.*
2. *Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case.*

GFSK mode

Test channel: Lowest

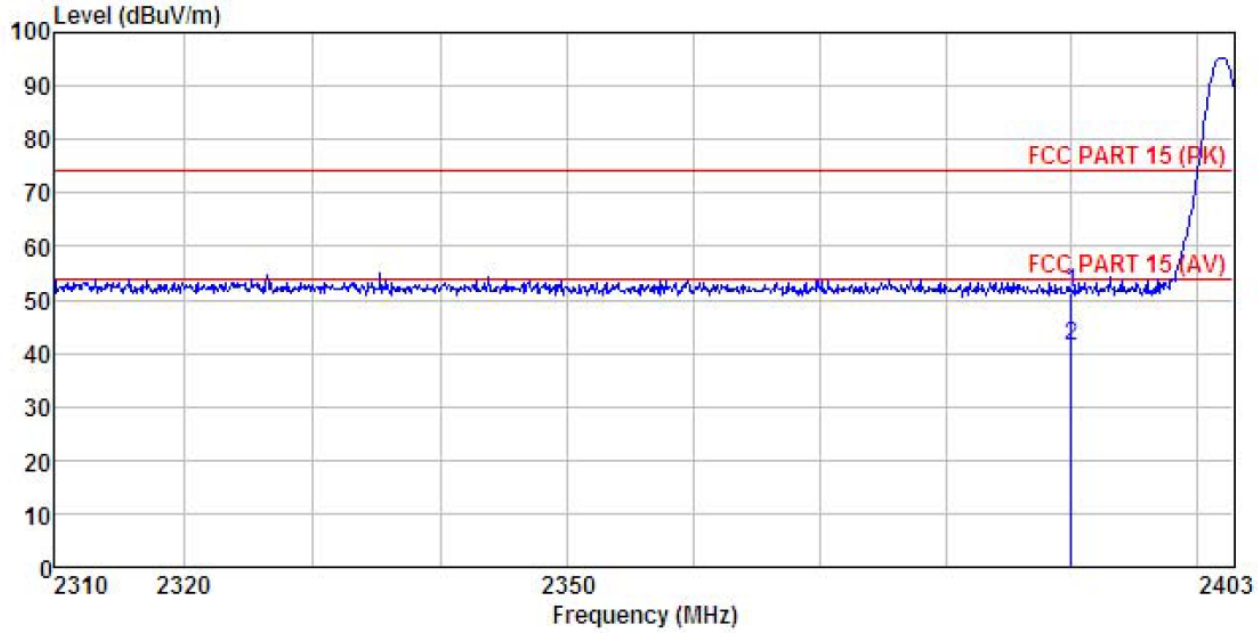
Horizontal:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : DH1-L Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5℃ Huni:55%
Test Engineer: Carey
REMARK :

	Freq	ReadLevel	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	24.13	23.68	4.69	0.00	52.50	74.00	-21.50	Peak
2	2390.000	13.14	23.68	4.69	0.00	41.51	54.00	-12.49	Average

Vertical:

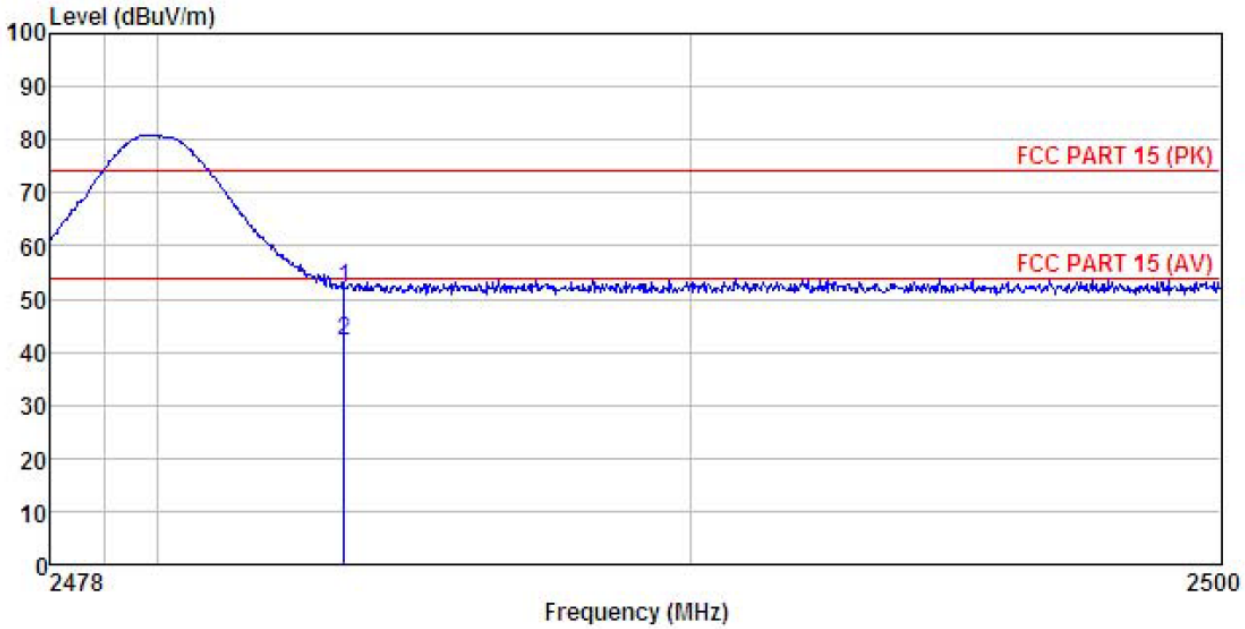


Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : DH1-L Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5℃ Huni:55%
Test Engineer: Carey
REMARK :

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	23.10	23.68	4.69	0.00	51.47	74.00	-22.53	Peak
2	2390.000	13.03	23.68	4.69	0.00	41.40	54.00	-12.60	Average

Test channel: Highest

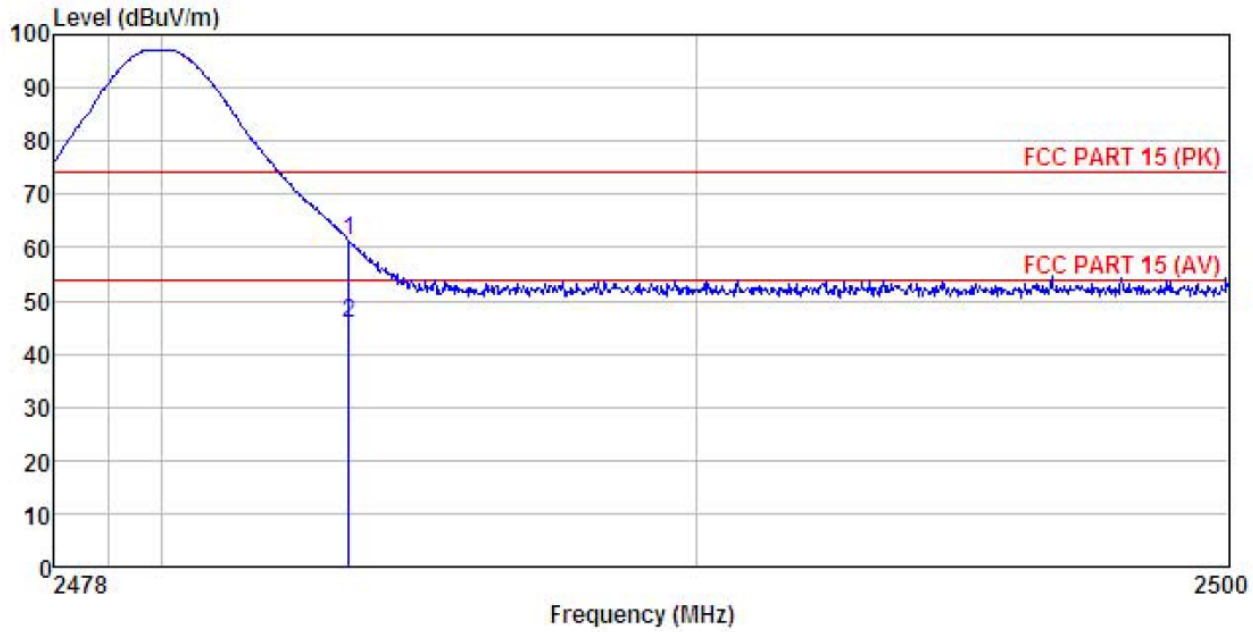
Horizontal:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : DH1-H Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5℃ Huni:55%
Test Engineer: Carey
REMARK :

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	23.57	23.70	4.81	0.00	52.08	74.00	-21.92	Peak
2	2483.500	13.48	23.70	4.81	0.00	41.99	54.00	-12.01	Average

Vertical:



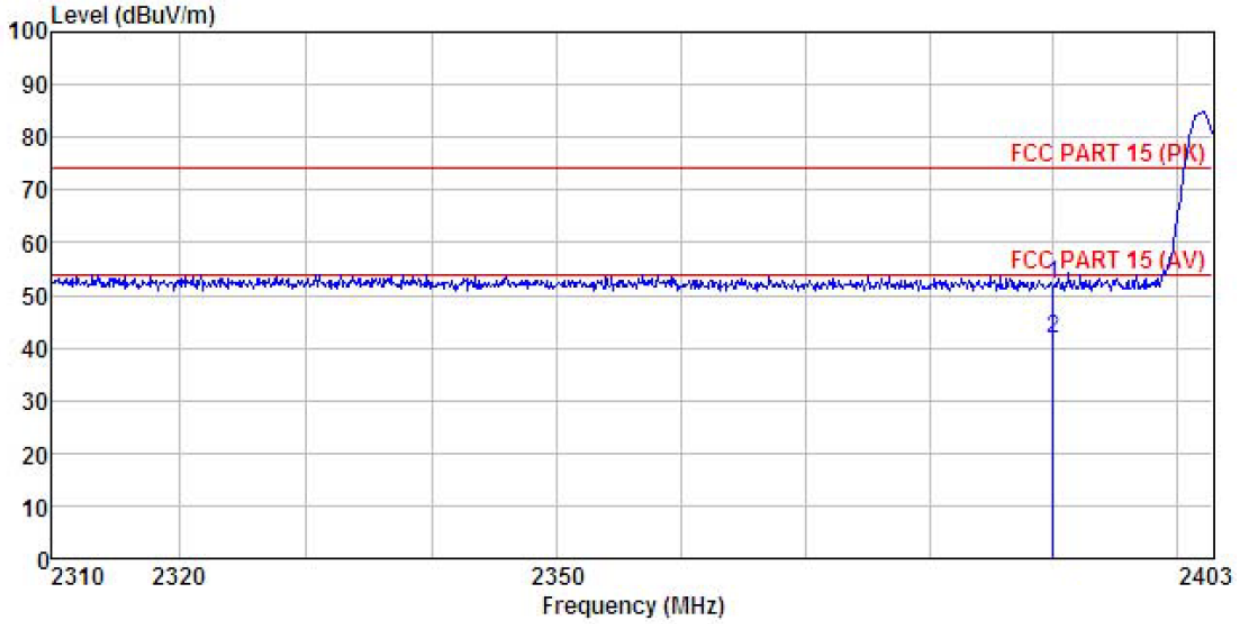
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : DH1-H Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5℃ Huni:55%
Test Engineer: Carey
REMARK :

	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	32.79	23.70	4.81	0.00	61.30	74.00	-12.70	Peak
2	2483.500	17.30	23.70	4.81	0.00	45.81	54.00	-8.19	Average

π/4-DQPSK mode

Test channel: Lowest

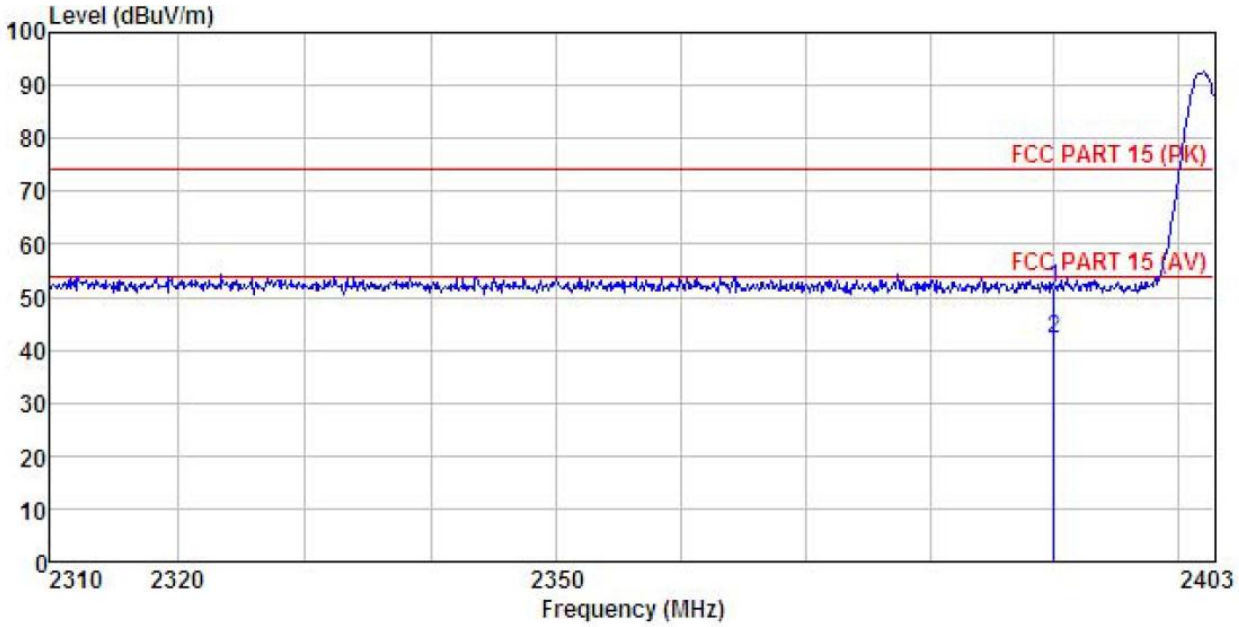
Horizontal:




```
Site          : 3m chamber
Condition     : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT           : SB340 USB ADAPTER
Model         : SB340
Test mode     : 2DH1-L Mode
Power Rating  : AC120V / 60Hz
Environment   : Temp:25.5'C  Huni:55%
Test Engineer: Carey
REMARK        :
```

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	23.68	23.68	4.69	0.00	52.05	74.00	-21.95	Peak
2	2390.000	13.33	23.68	4.69	0.00	41.70	54.00	-12.30	Average

Vertical:

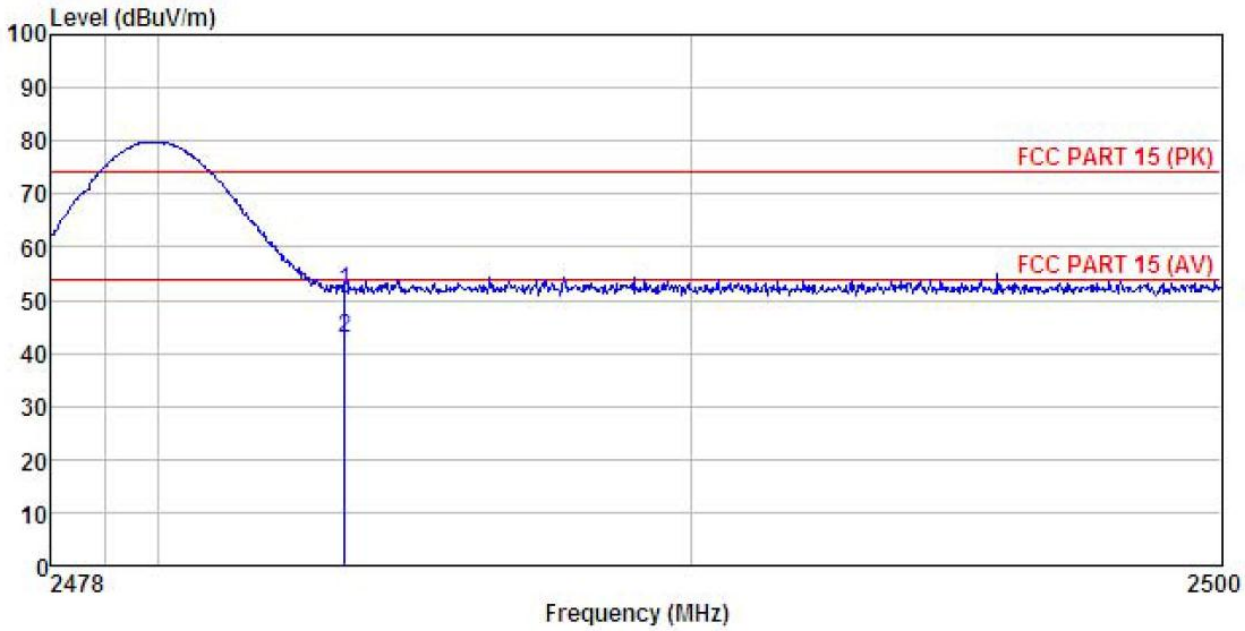


Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : 2DH1-L Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5'C Huni:55%
Test Engineer: Carey
REMARK :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	23.25	23.68	4.69	0.00	51.62	74.00	-22.38	Peak
2	2390.000	13.63	23.68	4.69	0.00	42.00	54.00	-12.00	Average

Test channel: Highest

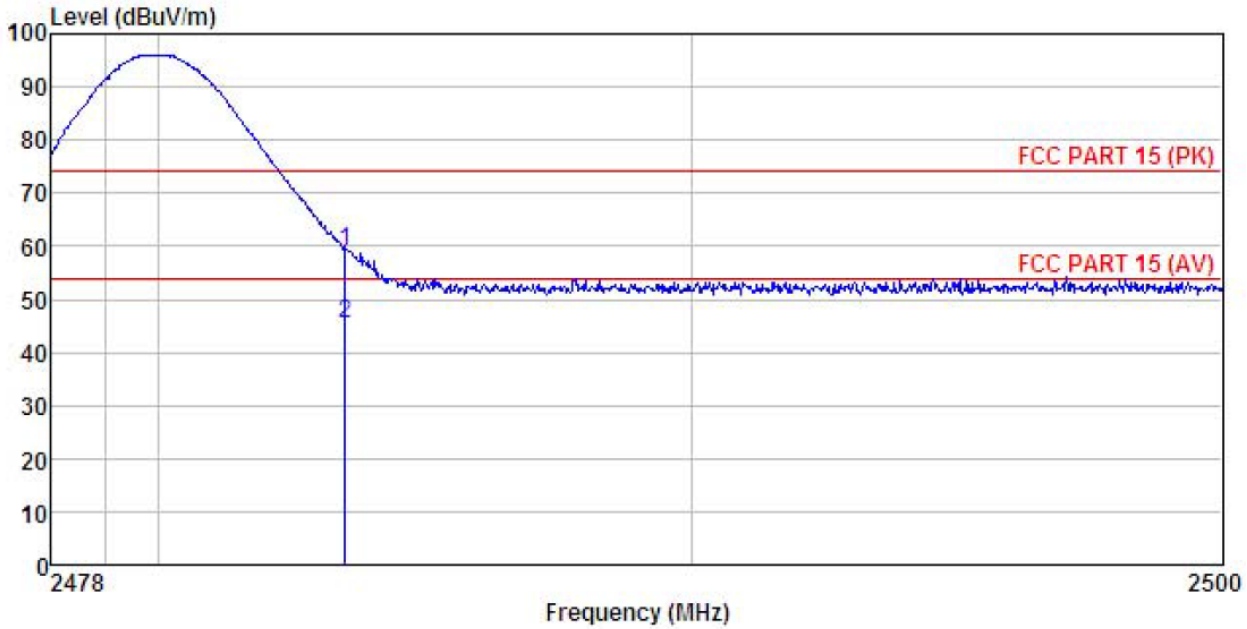
Horizontal:



Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : 2DH1-H Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: Carey
REMARK :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	23.04	23.70	4.81	0.00	51.55	74.00	-22.45	Peak
2	2483.500	14.38	23.70	4.81	0.00	42.89	54.00	-11.11	Average

Vertical:



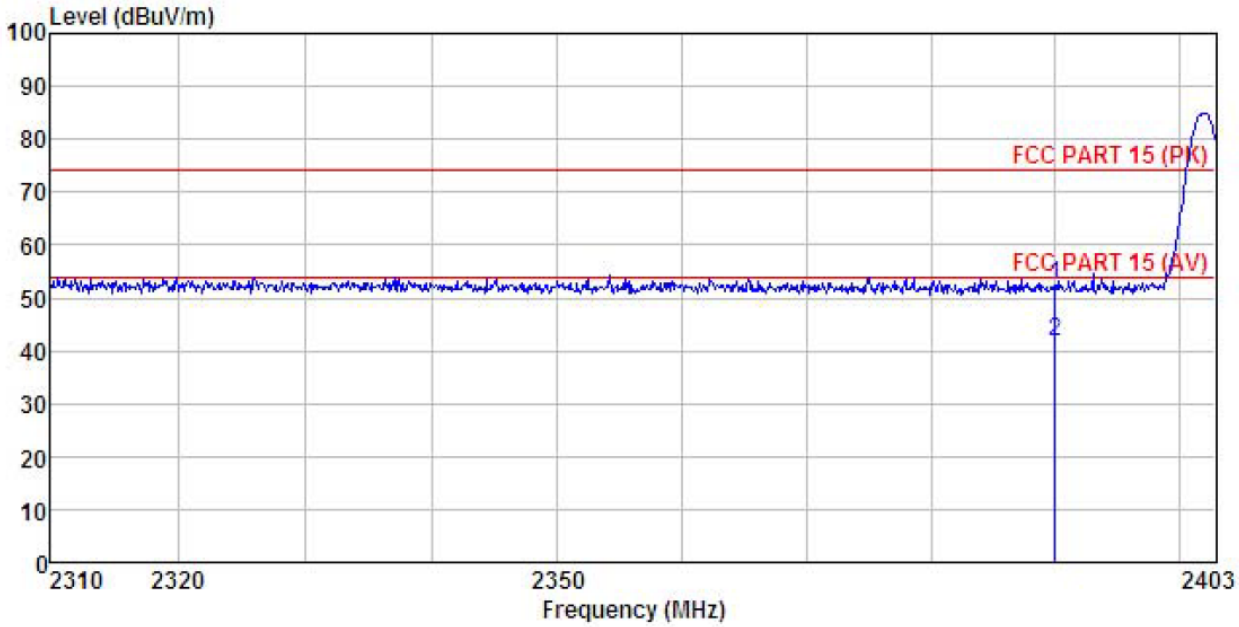
Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : 2DH1-H Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5℃ Huni:55%
Test Engineer: Carey
REMARK :

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	30.70	23.70	4.81	0.00	59.21	74.00	-14.79	Peak
2	2483.500	16.96	23.70	4.81	0.00	45.47	54.00	-8.53	Average

8DPSK mode

Test channel: Lowest

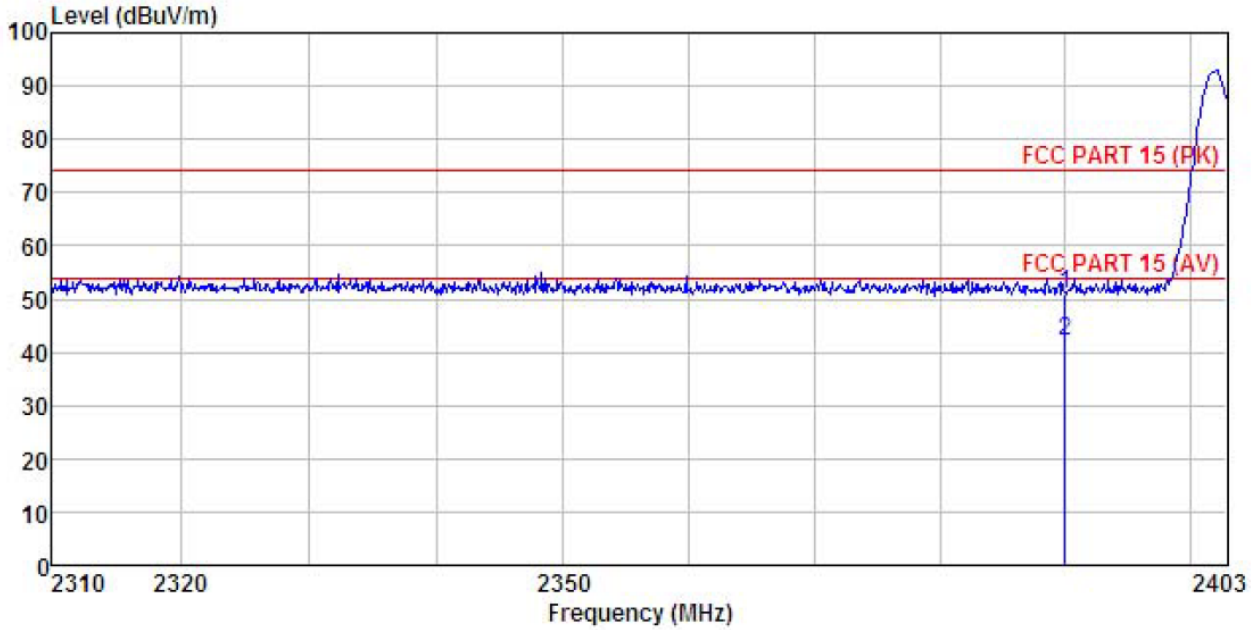
Horizontal:




```
Site          : 3m chamber
Condition     : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT           : SB340 USB ADAPTER
Model         : SB340
Test mode     : 3DH1-L Mode
Power Rating  : AC120V / 60Hz
Environment   : Temp:25.5'C  Huni:55%
Test Engineer: Carey
REMARK        :
```

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	24.10	23.68	4.69	0.00	52.47	74.00	-21.53	Peak
2	2390.000	13.27	23.68	4.69	0.00	41.64	54.00	-12.36	Average

Vertical:

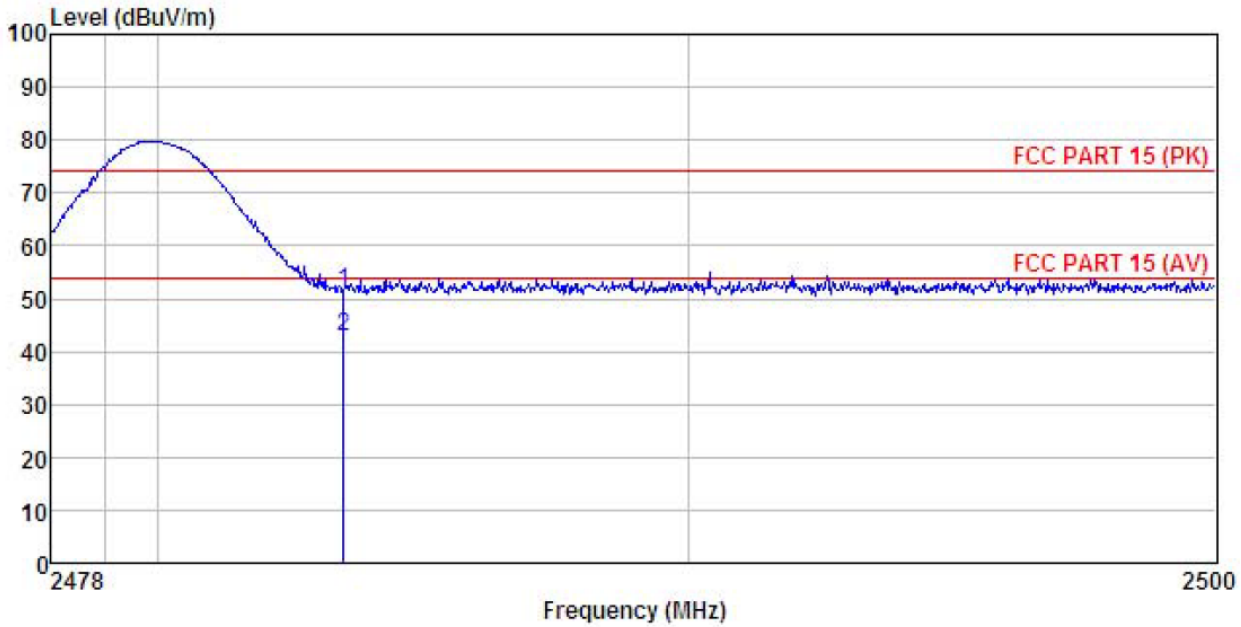


Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : 3DH1-L Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5'C Huni:55%
Test Engineer: Carey
REMARK :

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2390.000	22.59	23.68	4.69	0.00	50.96	74.00	-23.04	Peak
2	2390.000	13.56	23.68	4.69	0.00	41.93	54.00	-12.07	Average

Test channel: Highest

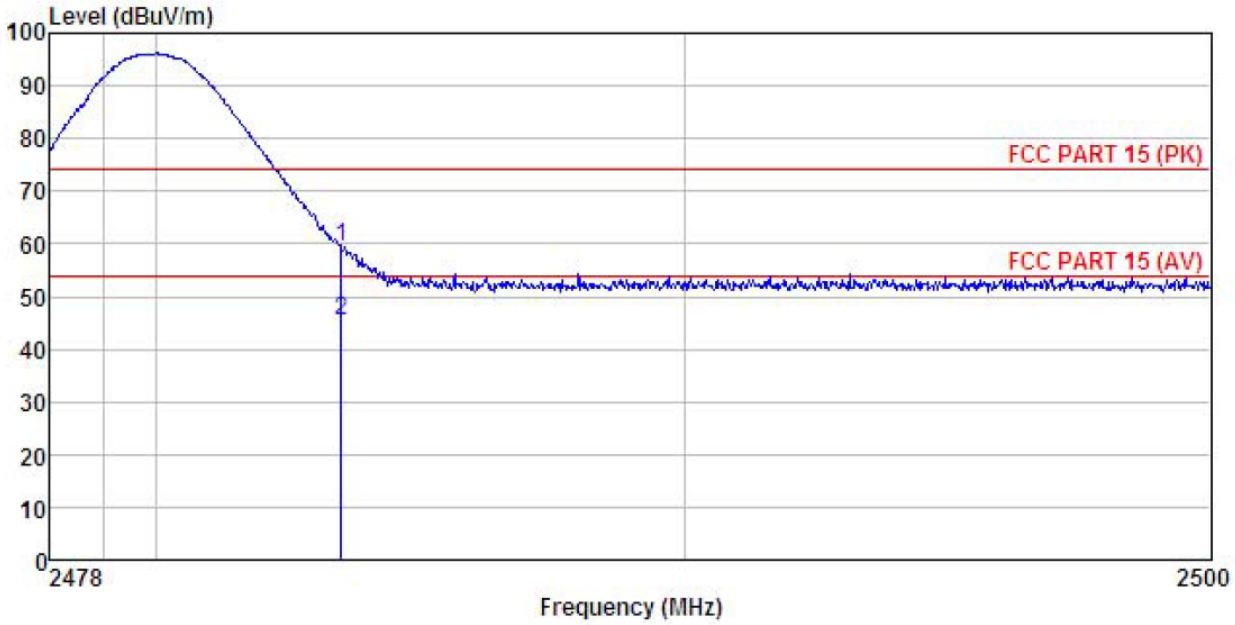
Horizontal:




```
Site          : 3m chamber
Condition     : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL
EUT           : SB340 USB ADAPTER
Model         : SB340
Test mode     : 3DH1-H Mode
Power Rating  : AC120V / 60Hz
Environment   : Temp:25.5'C  Huni:55%
Test Engineer: Carey
REMARK        :
```

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	22.94	23.70	4.81	0.00	51.45	74.00	-22.55	Peak
2	2483.500	14.44	23.70	4.81	0.00	42.95	54.00	-11.05	Average

Vertical:

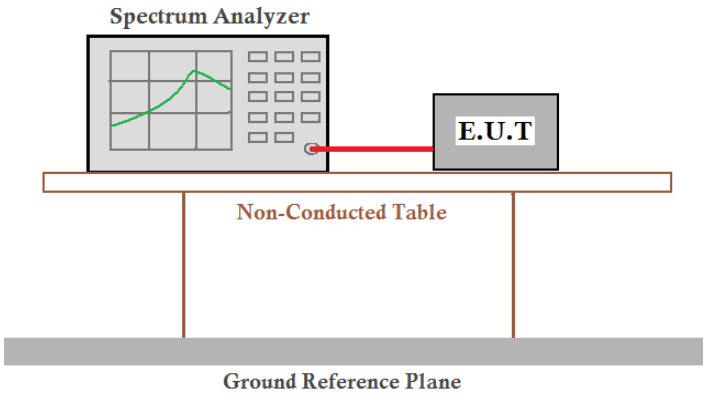


Site : 3m chamber
Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : 3DH1-H Mode
Power Rating : AC120V / 60Hz
Environment : Temp:25.5'C Huni:55%
Test Engineer: Carey
REMARK :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2483.500	30.93	23.70	4.81	0.00	59.44	74.00	-14.56	Peak
2	2483.500	16.92	23.70	4.81	0.00	45.43	54.00	-8.57	Average

6.10 Spurious Emission

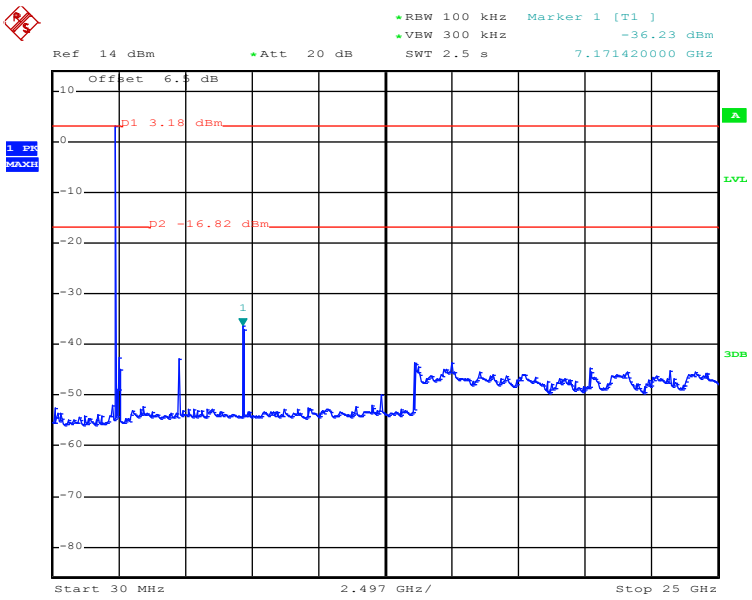
6.10.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2013 and DA00-705
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 5.7 for details
Test mode:	Non-hopping mode
Test results:	Pass

Test plot as follows:

GFSK

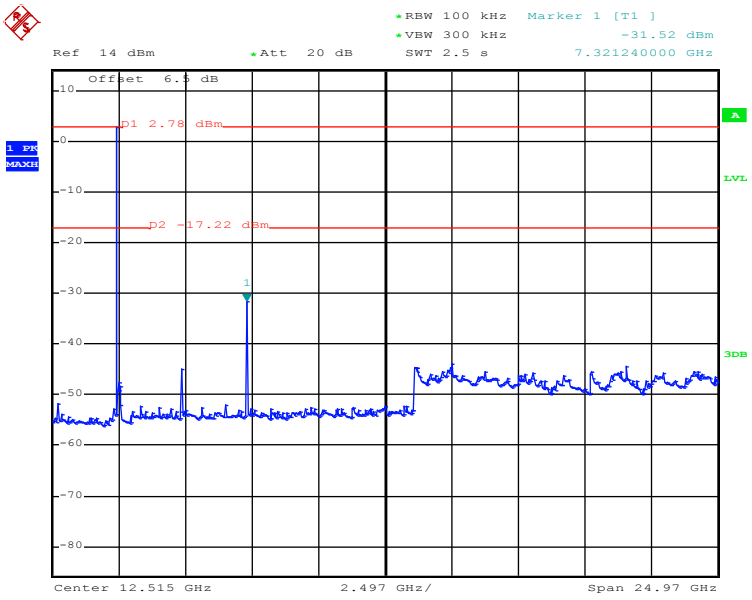
Lowest channel



Date: 4.JAN.2017 11:52:52

30MHz~25GHz

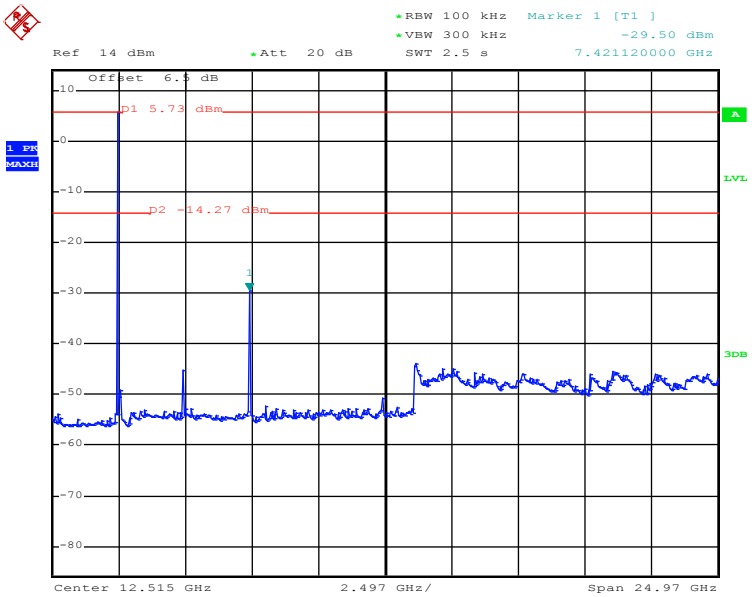
Middle channel



Date: 4.JAN.2017 11:54:41

30MHz~25GHz

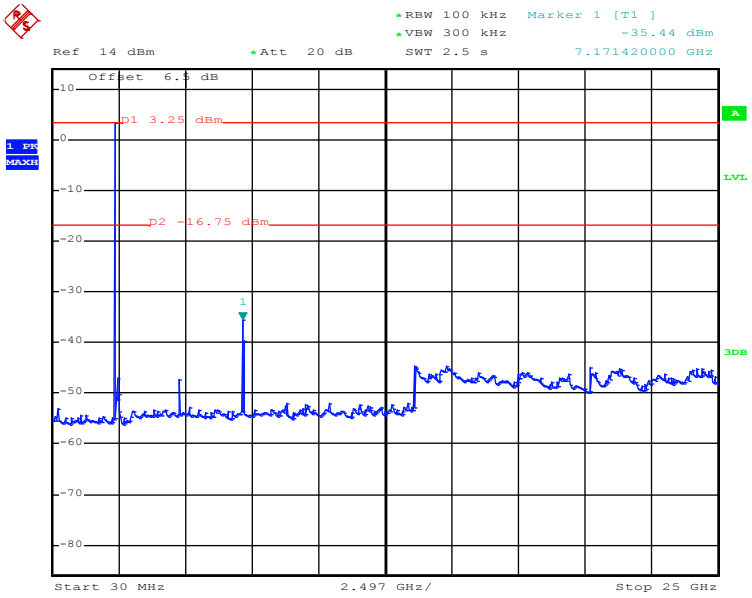
Highest channel



30MHz~25GHz

π/4-DQPSK

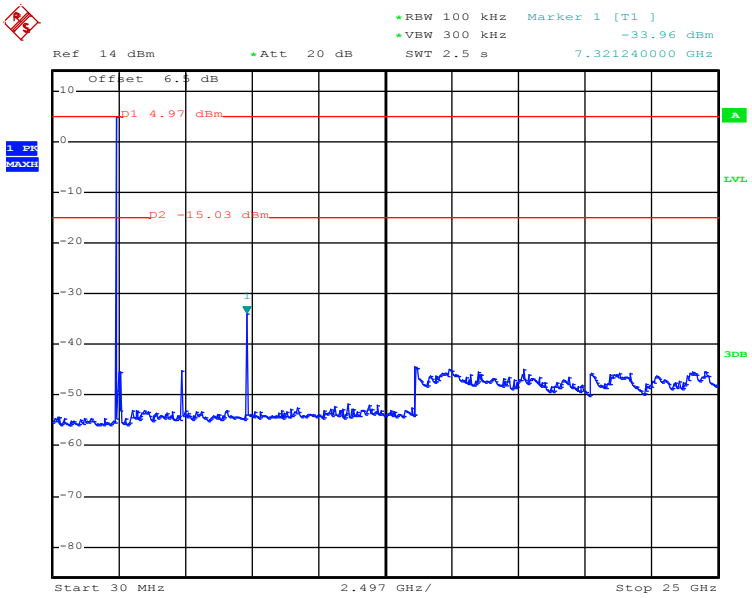
Lowest channel



Date: 4.JAN.2017 11:38:44

30MHz~25GHz

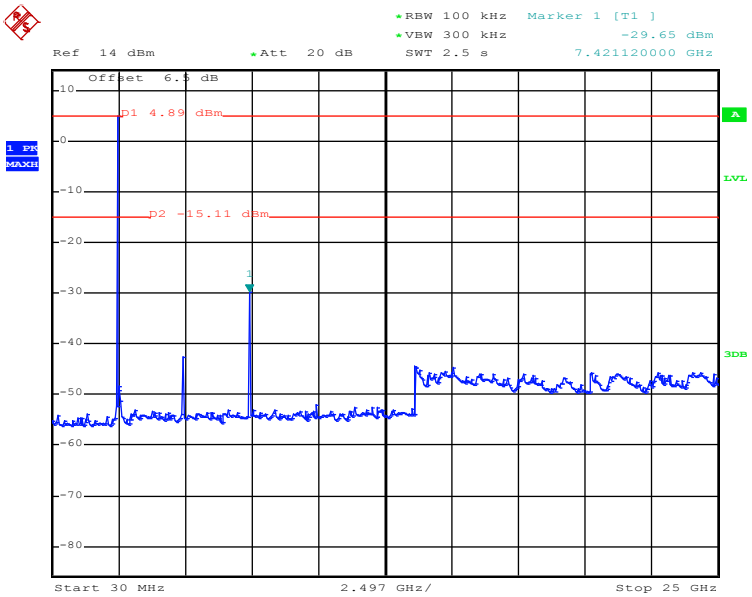
Middle channel



Date: 4.JAN.2017 11:40:14

30MHz~25GHz

Highest channel

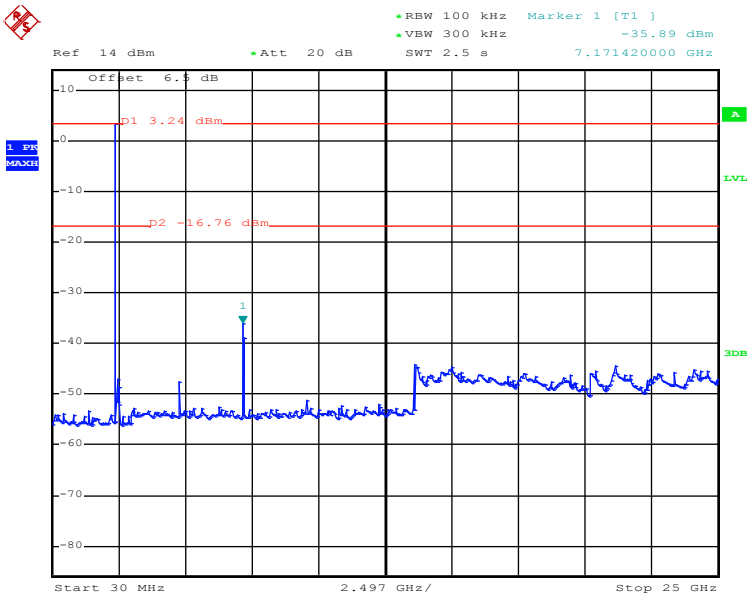


Date: 4.JAN.2017 11:41:30

30MHz~25GHz

8DPSK

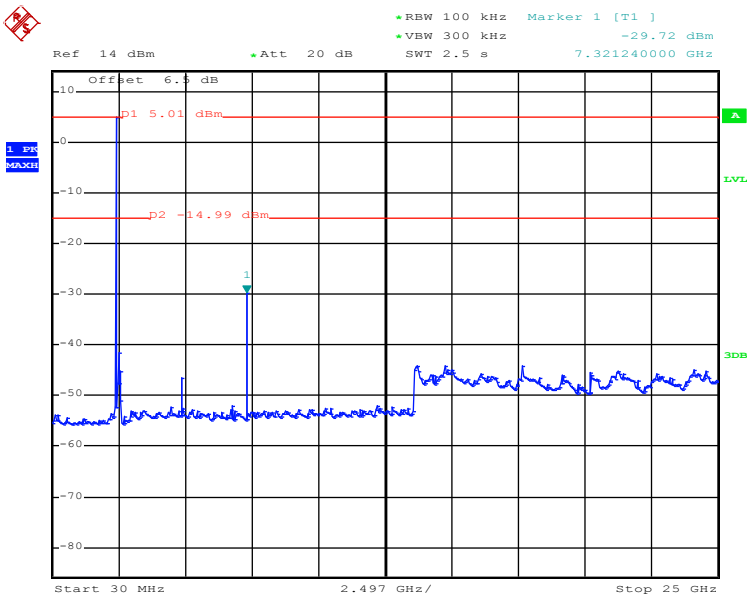
Lowest channel



Date: 4.JAN.2017 11:49:55

30MHz~25GHz

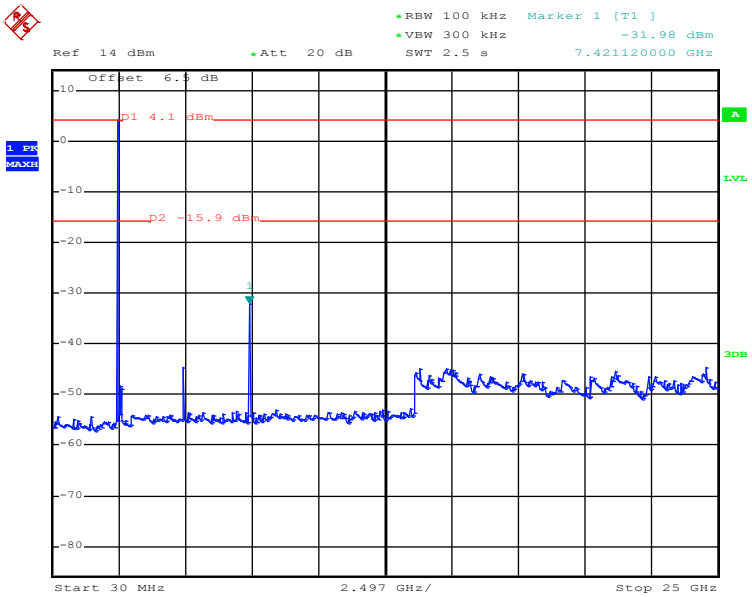
Middle channel



Date: 4.JAN.2017 11:48:16

30MHz~25GHz

Highest channel



Date: 4.JAN.2017 11:45:40

30MHz~25GHz

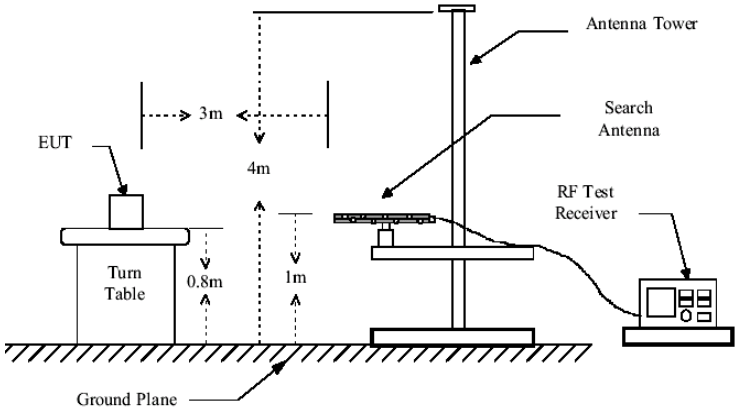
6.10.2 Radiated Emission Method

Test Requirement:	FCC Part 15 C Section 15.209				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	9 kHz to 25 GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		RMS	1MHz	3MHz	Average Value

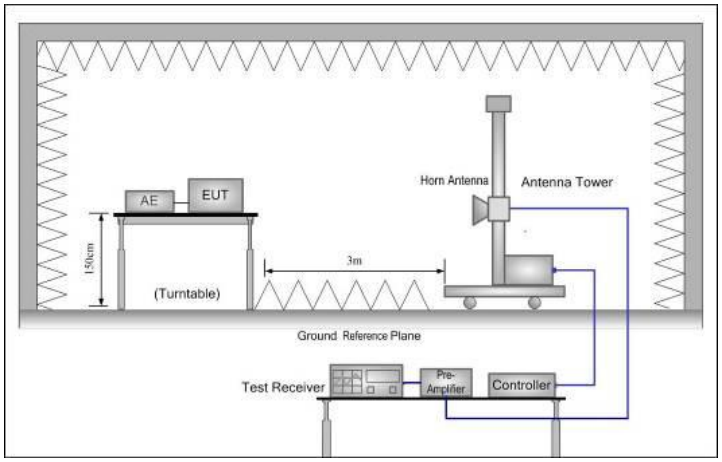
Limit:	Frequency	Limit (dBuV/m @3m)	Remark
	30MHz-88MHz	40.0	Quasi-peak Value
	88MHz-216MHz	43.5	Quasi-peak Value
	216MHz-960MHz	46.0	Quasi-peak Value
	960MHz-1GHz	54.0	Quasi-peak Value
	Above 1GHz	54.0	Average Value
		74.0	Peak Value

Test setup:

Below 1GHz



Above 1GHz



Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz) /1.5m(above 1GHz) above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 5.7 for details
Test mode:	Non-hopping mode
Test results:	Pass

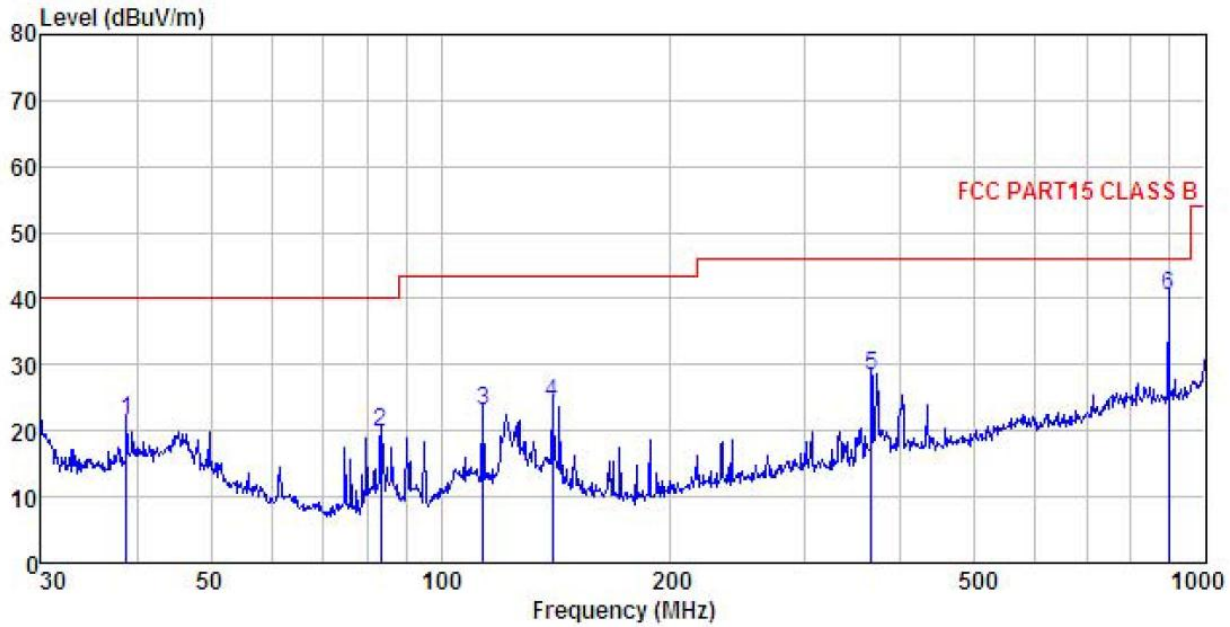
Remark:

1. *During the test, pre-scan the GFSK, π/4-DQPSK, 8DPSK modulation, and found the GFSK modulation is the worst case.*
2. *Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case.*
3. *9 kHz to 30 MHz is noise floor, so only shows the data of above 30MHz in this report.*

Measurement data:

Below 1GHz

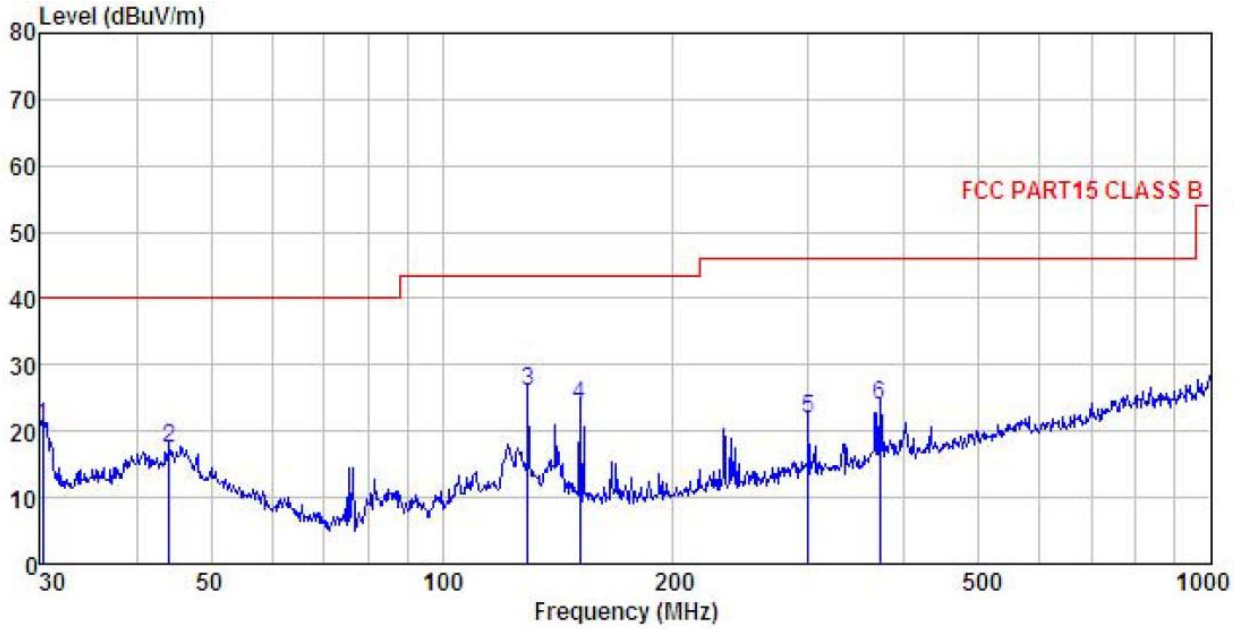
Vertical:




```
Site          : 3m chamber
Condition     : FCC PART15 CLASS B 3m VULB9163(30M3G) VERTICAL
EUT           : SB340 USB ADAPTER
Model         : SB340
Test mode     : BT Mode
Power Rating  : AC120V/ 60Hz
Environment   : Temp:25.5'C  Huni:55%
Test Engineer: Carey
REMARK        :
```

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	38.752	33.81	16.46	1.18	29.91	21.54	40.00	-18.46	QP
2	83.522	40.33	7.19	1.79	29.61	19.70	40.00	-20.30	QP
3	113.714	39.45	10.85	2.10	29.43	22.97	43.50	-20.53	QP
4	139.851	39.49	11.74	2.39	29.27	24.35	43.50	-19.15	QP
5	365.539	39.19	14.72	3.09	28.63	28.37	46.00	-17.63	QP
6	896.997	42.96	21.55	3.74	27.89	40.36	46.00	-5.64	QP

Horizontal:



Site : 3m chamber
Condition : FCC PART15 CLASS B 3m VULB9163(30M3G) HORIZONTAL
EUT : SB340 USB ADAPTER
Model : SB340
Test mode : BT Mode
Power Rating : AC120V/ 60Hz
Environment : Temp:25.5'C Huni:55%
Test Engineer: Carey
REMARK :

	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	30.211	38.03	12.03	0.72	29.98	20.80	40.00	-19.20	QP
2	44.120	28.33	17.56	1.28	29.87	17.30	40.00	-22.70	QP
3	129.468	40.80	12.30	2.28	29.33	26.05	43.50	-17.45	QP
4	151.067	40.14	10.59	2.53	29.21	24.05	43.50	-19.45	QP
5	299.316	34.61	12.70	2.94	28.45	21.80	46.00	-24.20	QP
6	370.702	34.69	14.91	3.09	28.65	24.04	46.00	-21.96	QP

Above 1GHz:

Test channel:			Lowest		Level:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4804.00	55.16	35.99	6.80	41.81	56.14	74.00	-17.86	Vertical
4804.00	52.93	35.99	6.80	41.81	53.91	74.00	-20.09	Horizontal
Test channel:			Lowest		Level:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4804.00	49.03	35.99	6.80	41.81	50.01	54.00	-3.99	Vertical
4804.00	45.45	35.99	6.80	41.81	46.43	54.00	-7.57	Horizontal

Test channel:			Middle		Level:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4882.00	57.92	36.38	6.86	41.84	59.32	74.00	-14.68	Vertical
4882.00	53.27	36.38	6.86	41.84	54.67	74.00	-19.33	Horizontal
Test channel:			Middle		Level:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4882.00	50.66	36.38	6.86	41.84	52.06	54.00	-1.94	Vertical
4882.00	47.24	36.38	6.86	41.84	48.64	54.00	-5.36	Horizontal

Test channel:			Highest		Level:		Peak	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4960.00	53.39	36.71	6.91	41.87	55.14	74.00	-18.86	Vertical
4960.00	50.66	36.71	6.91	41.87	52.41	74.00	-21.59	Horizontal
Test channel:			Highest		Level:		Average	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
4960.00	47.26	36.71	6.91	41.87	49.01	54.00	-4.99	Vertical
4960.00	45.12	36.71	6.91	41.87	46.87	54.00	-7.13	Horizontal

Remark:

1. *Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor*
2. *The emission levels of other frequencies are very lower than the limit and not show in test report.*