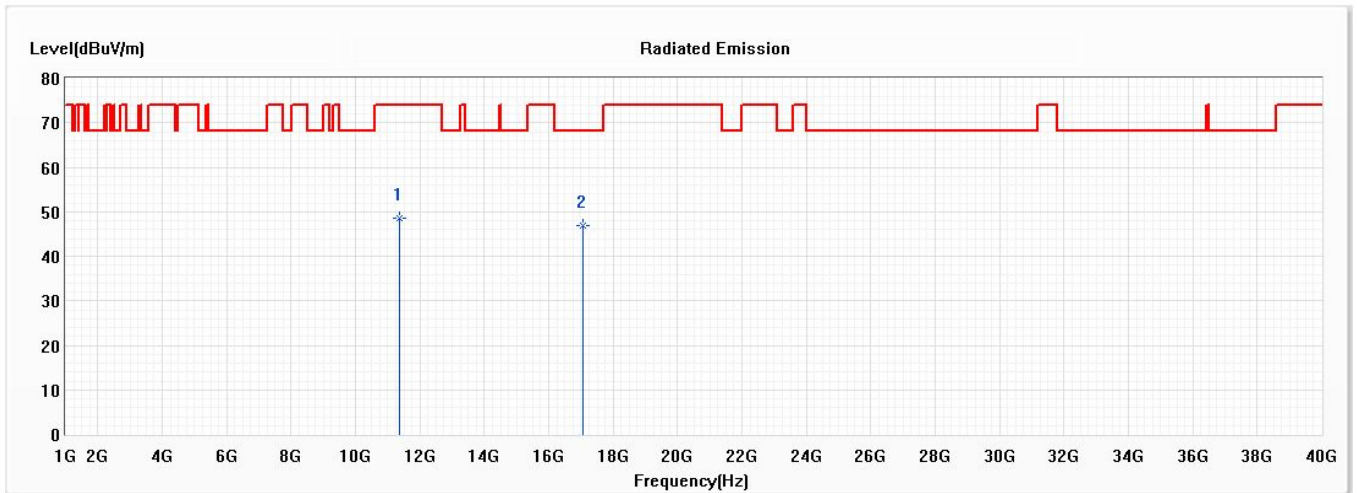


Product : PanaCast 50  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11ac-80BW 32.5Mbps) (5690MHz)  
 Test Date : 2021/02/05

**Vertical**



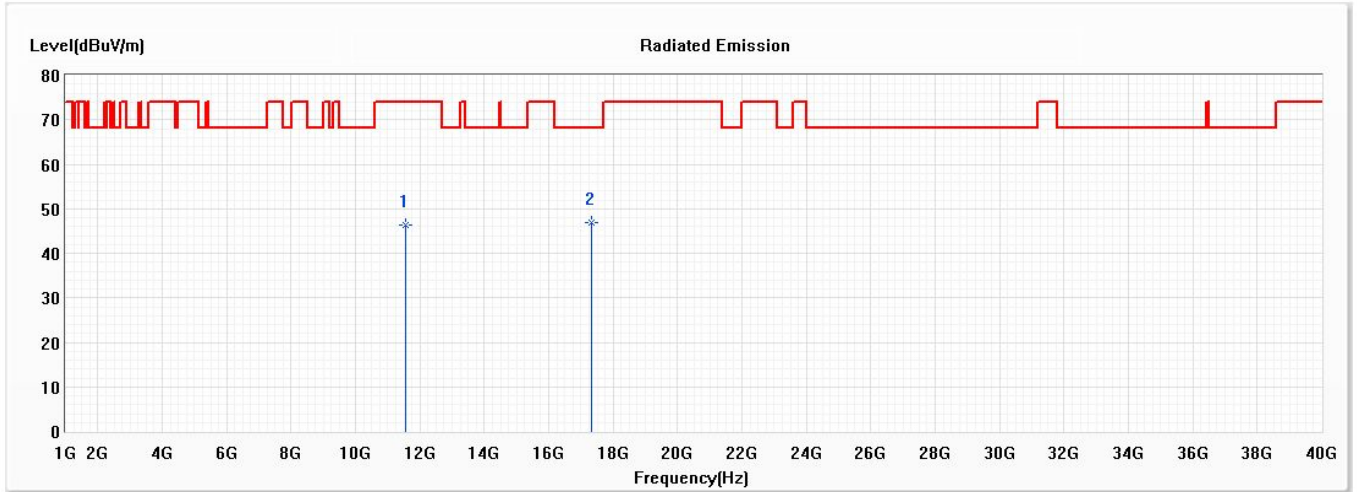
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11380.000	48.49	74.00	-25.51	57.21	-8.72	PK
* 2	17070.000	46.88	68.22	-21.34	47.61	-0.73	PK

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : PanaCast 50  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11ac-80BW 32.5Mbps) (5775MHz)  
 Test Date : 2021/02/05

**Horizontal**



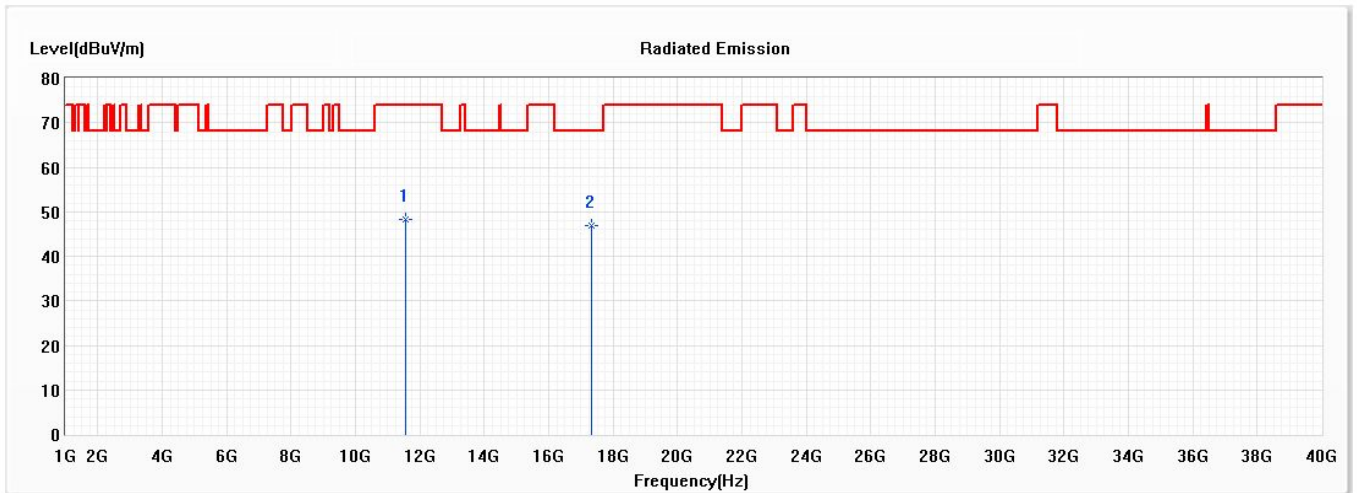
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11550.000	46.30	74.00	-27.70	54.76	-8.46	PK
* 2	17325.000	46.77	68.22	-21.45	47.21	-0.44	PK

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : PanaCast 50  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 4: Transmit (802.11ac-80BW 32.5Mbps) (5775MHz)  
 Test Date : 2021/02/05

**Vertical**



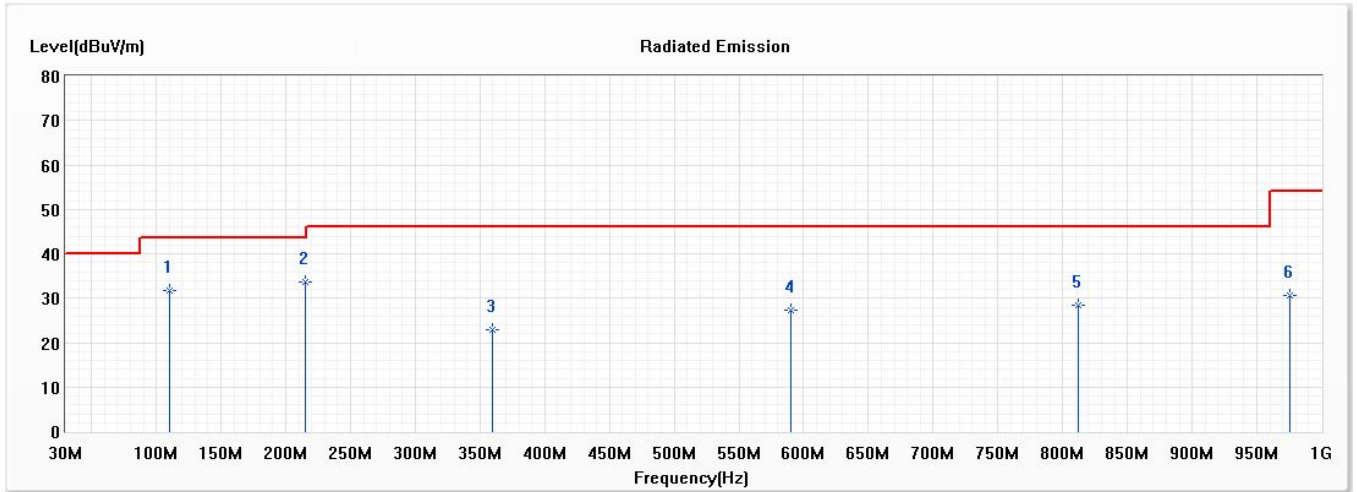
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	11550.000	48.39	74.00	-25.61	56.85	-8.46	PK
* 2	17325.000	46.76	68.22	-21.46	47.20	-0.44	PK

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : PanaCast 50  
 Test Item : General Radiated Emission  
 Test Mode : Mode 4: Transmit (802.11ac-80BW 32.5Mbps) (5775MHz)  
 Test Date : 2021/02/05

**Horizontal**



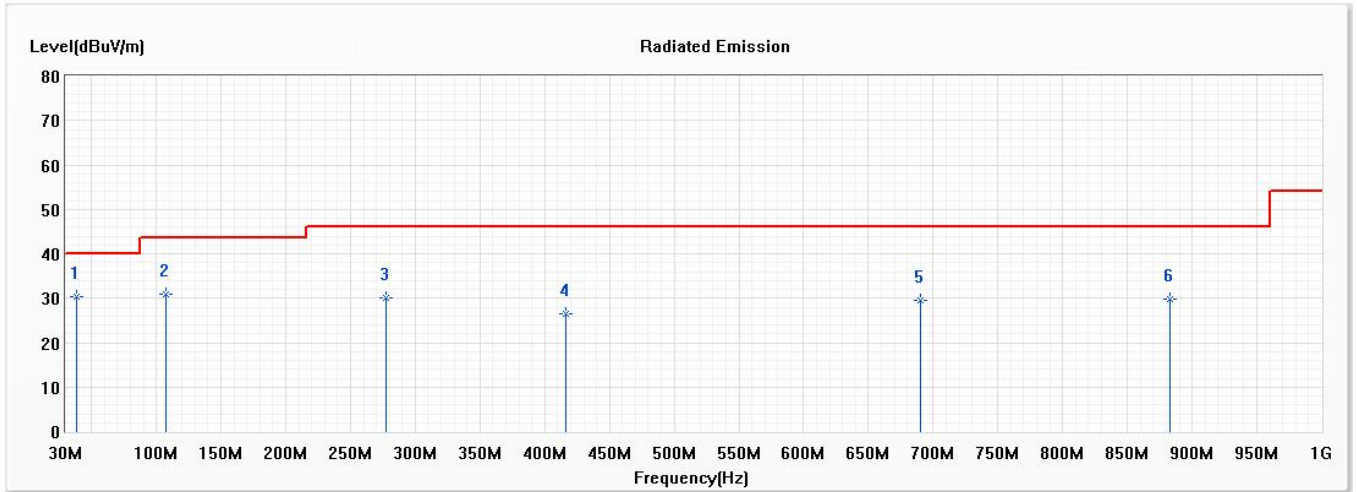
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	110.510	31.78	43.50	-11.72	45.89	-14.11	QP
* 2	215.270	33.53	43.50	-9.97	46.13	-12.60	QP
3	359.800	22.81	46.00	-23.19	31.22	-8.41	QP
4	589.690	27.40	46.00	-18.60	30.77	-3.37	QP
5	811.820	28.42	46.00	-17.58	29.01	-0.59	QP
6	975.750	30.75	54.00	-23.25	29.20	1.55	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : PanaCast 50  
 Test Item : General Radiated Emission  
 Test Mode : Mode 4: Transmit (802.11ac-80BW 32.5Mbps) (5775MHz)  
 Test Date : 2021/02/05

**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	38.730	30.31	40.00	-9.69	41.42	-11.11	QP
2	107.600	31.01	43.50	-12.49	45.52	-14.51	QP
3	277.350	30.12	46.00	-15.88	40.61	-10.49	QP
4	416.060	26.51	46.00	-19.49	33.59	-7.08	QP
5	690.570	29.55	46.00	-16.45	31.65	-2.10	QP
6	882.630	29.86	46.00	-16.14	29.51	0.35	QP

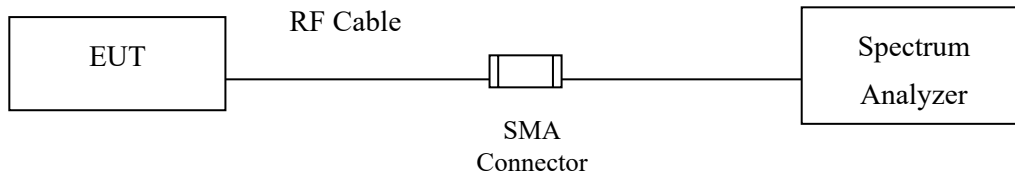
Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

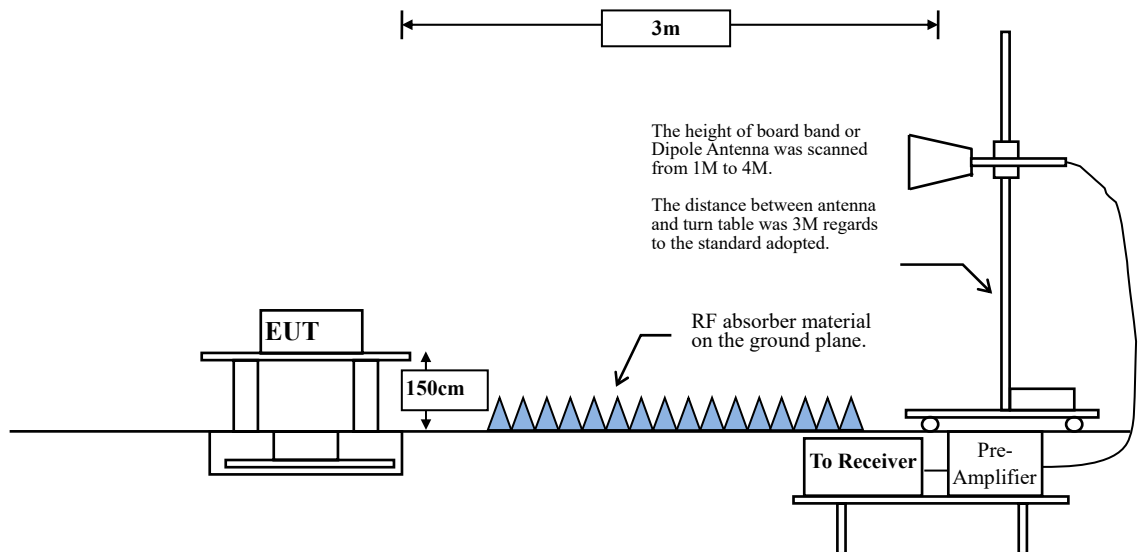
## 6. Band Edge

### 6.1. Test Setup

#### RF Conducted Measurement:



#### RF Radiated Measurement:



## 6.2. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

<b>FCC Part 15 Subpart C Paragraph 15.209 Limits</b>		
Frequency MHz	uV/m @3m	dBµV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks :

1. RF Voltage (dBµV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

## 6.3. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz. The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

**RBW and VBW Parameter setting:**

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions  
Measurements above 1000 MHz.

RBW = 1MHz.

VBW  $\geq$  3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions  
Measurements above 1000 MHz.

RBW = 1MHz.

VBW = 10Hz, when duty cycle  $\geq$  98 %

VBW  $\geq$  1/T, when duty cycle < 98 %

( T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11a	97.17	1.3420	745	1k
802.11n20	96.98	1.2551	797	1k
802.11n40	94.10	0.6246	1601	2k
802.11ac80	88.89	0.3131	3194	5k

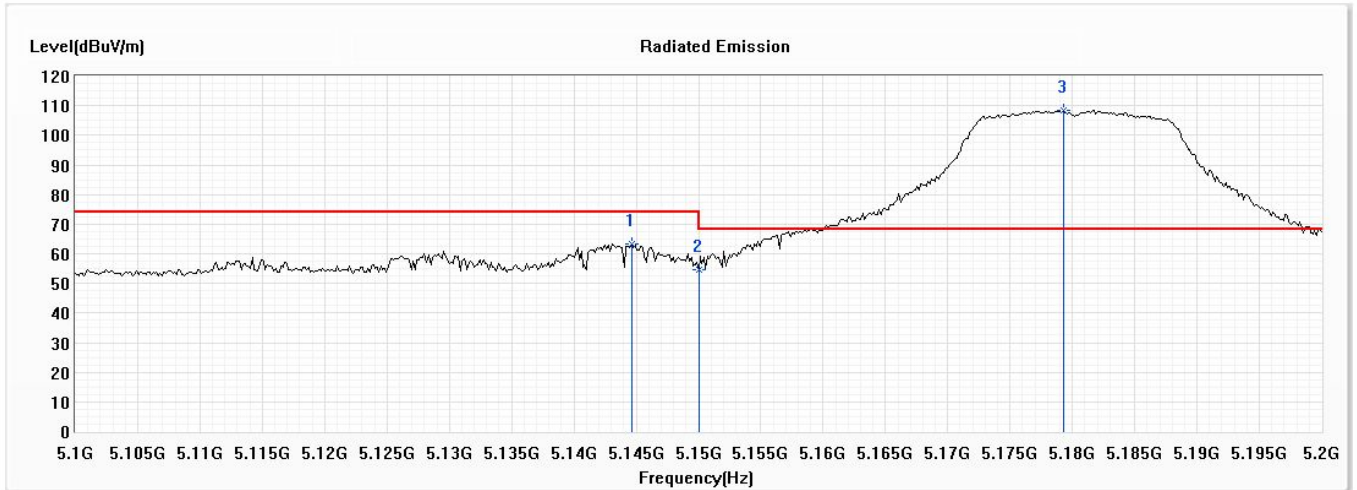
Note: Duty Cycle Refer to Section 8



### 6.4. Test Result of Band Edge

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5180MHz)  
 Test Date : 2021/02/05

#### Horizontal



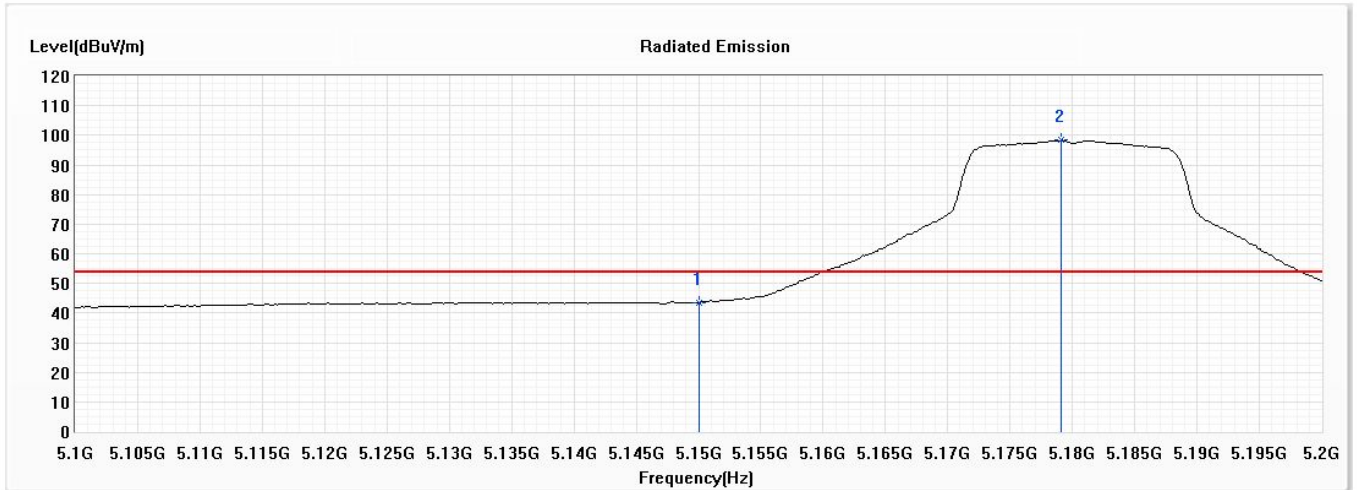
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5144.638	63.43	74.00	-10.57	46.17	17.26	PK
2	5150.000	54.68	74.00	-19.32	37.40	17.28	PK
3	5179.275	108.35	--	--	90.75	17.60	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5180MHz)  
 Test Date : 2021/02/06

**Horizontal**



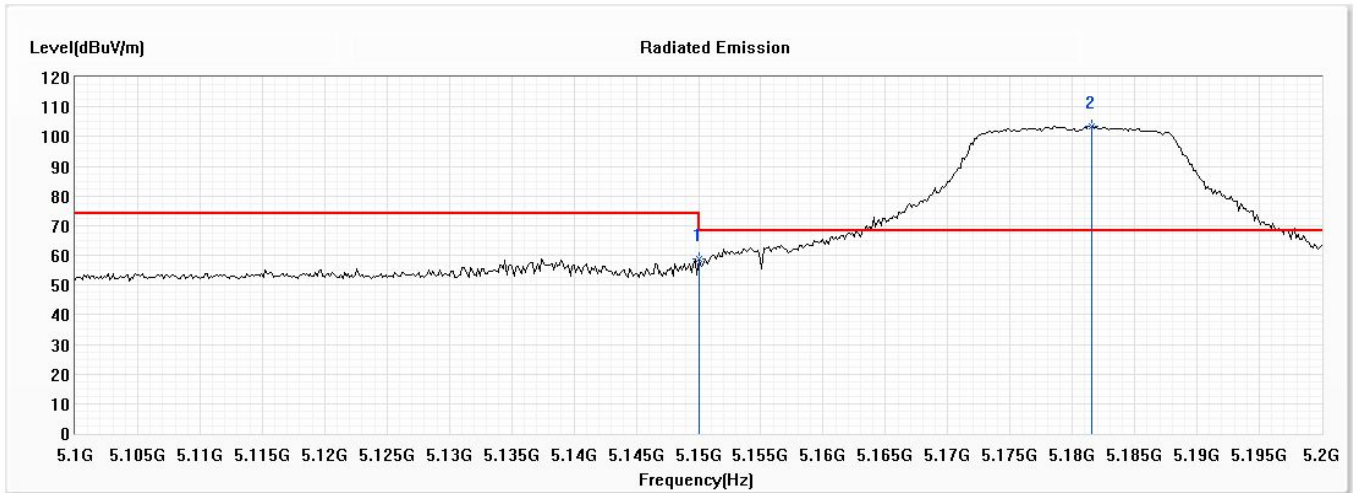
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5150.000	43.61	54.00	-10.39	26.33	17.28	AV
2	5179.130	98.29	--	--	80.70	17.59	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5180MHz)  
 Test Date : 2021/02/06

**Vertical**



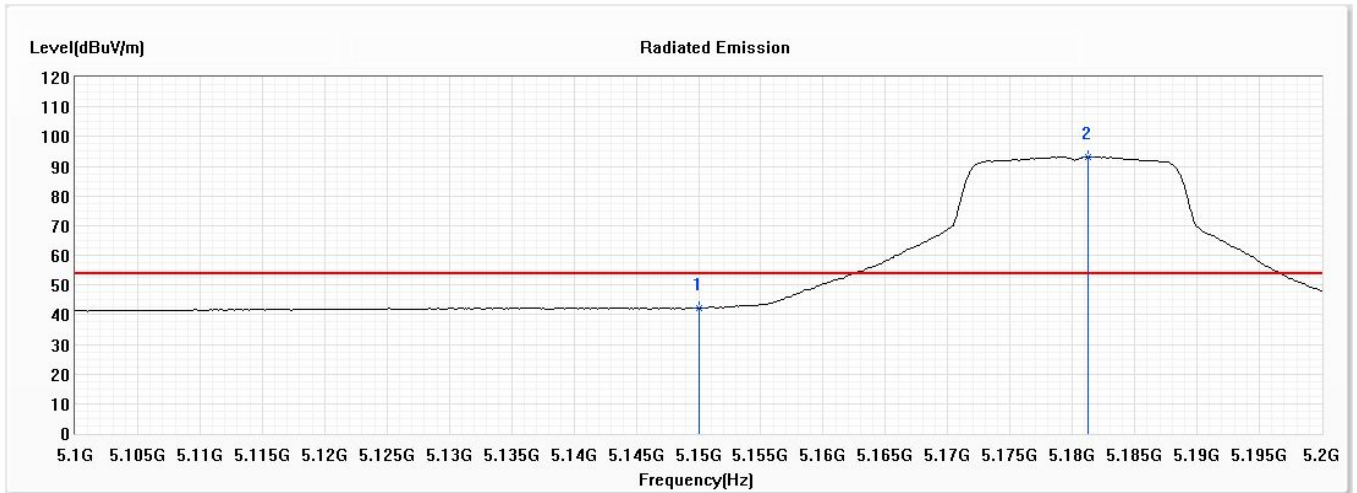
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5150.000	58.65	74.00	-15.35	41.37	17.28	PK
2	5181.594	103.50	--	--	85.88	17.62	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5180MHz)  
 Test Date : 2021/02/06

**Vertical**



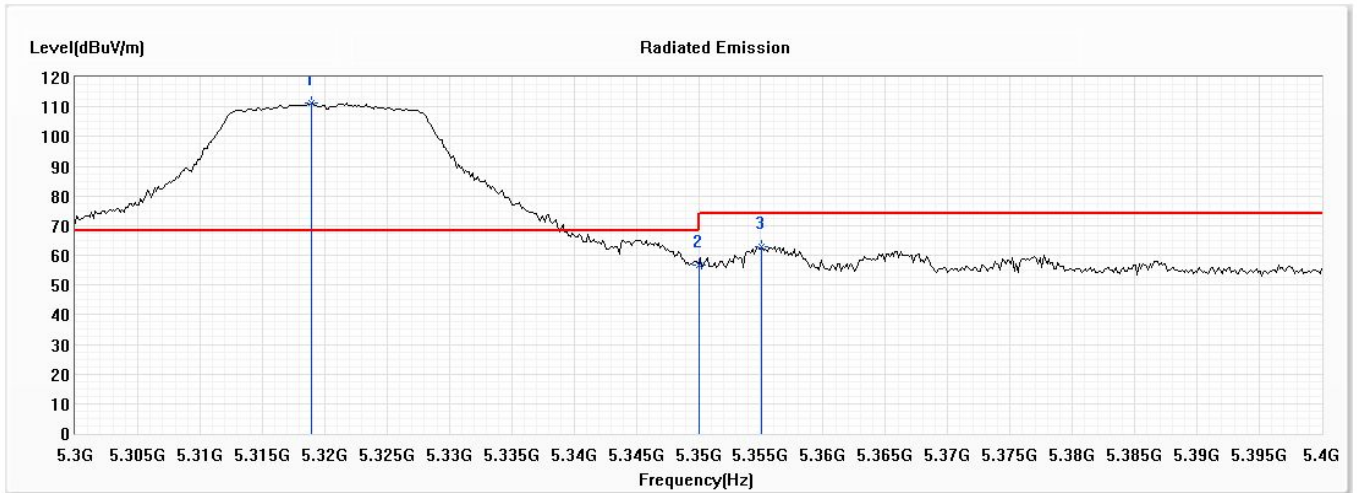
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5150.000	42.24	54.00	-11.76	24.96	17.28	AV
2	5181.304	93.26	--	--	75.64	17.62	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5320MHz)  
 Test Date : 2021/02/06

**Horizontal**



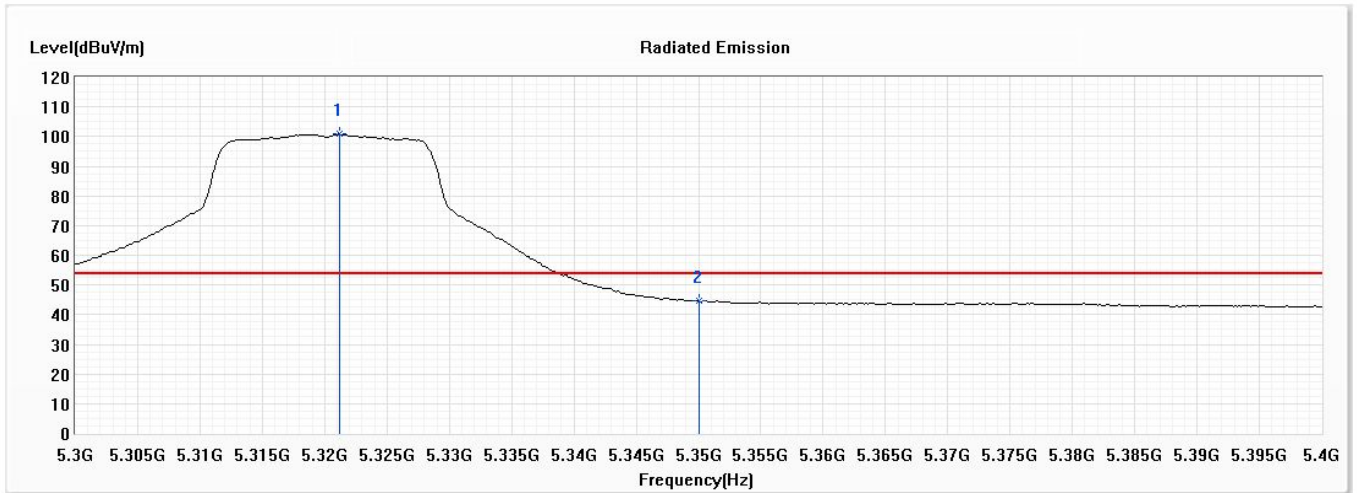
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5318.986	111.20	--	--	93.19	18.01	PK
2	5350.000	56.62	74.00	-17.38	38.68	17.94	PK
3	5355.072	62.93	74.00	-11.07	44.96	17.97	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5320MHz)  
 Test Date : 2021/02/06

**Horizontal**



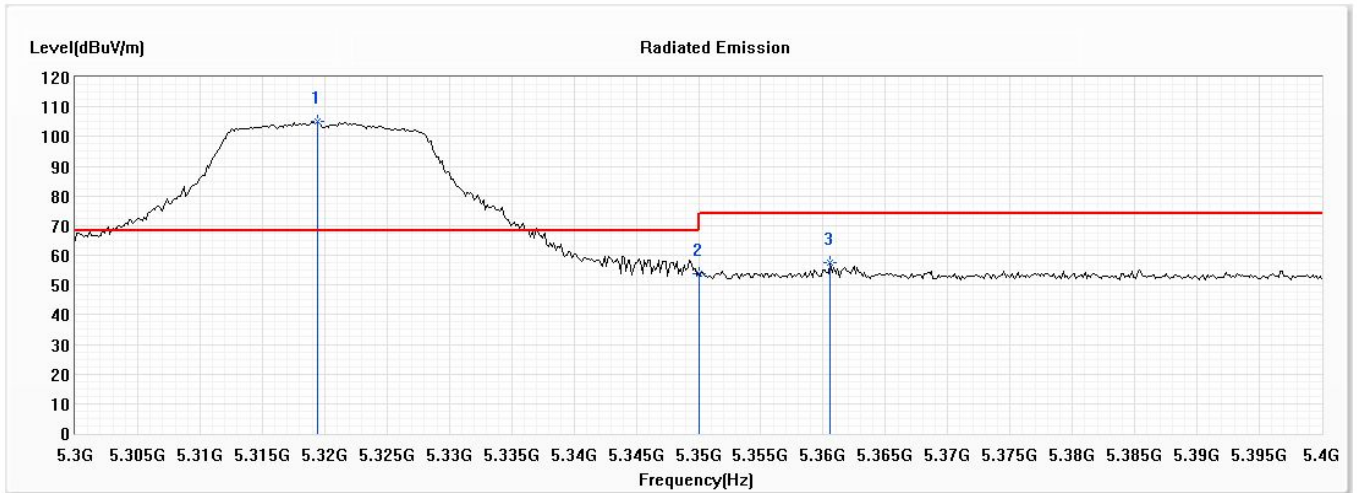
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5321.159	100.76	--	--	82.76	18.00	AV
2	5350.000	44.55	54.00	-9.45	26.61	17.94	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5320MHz)  
 Test Date : 2021/02/06

**Vertical**



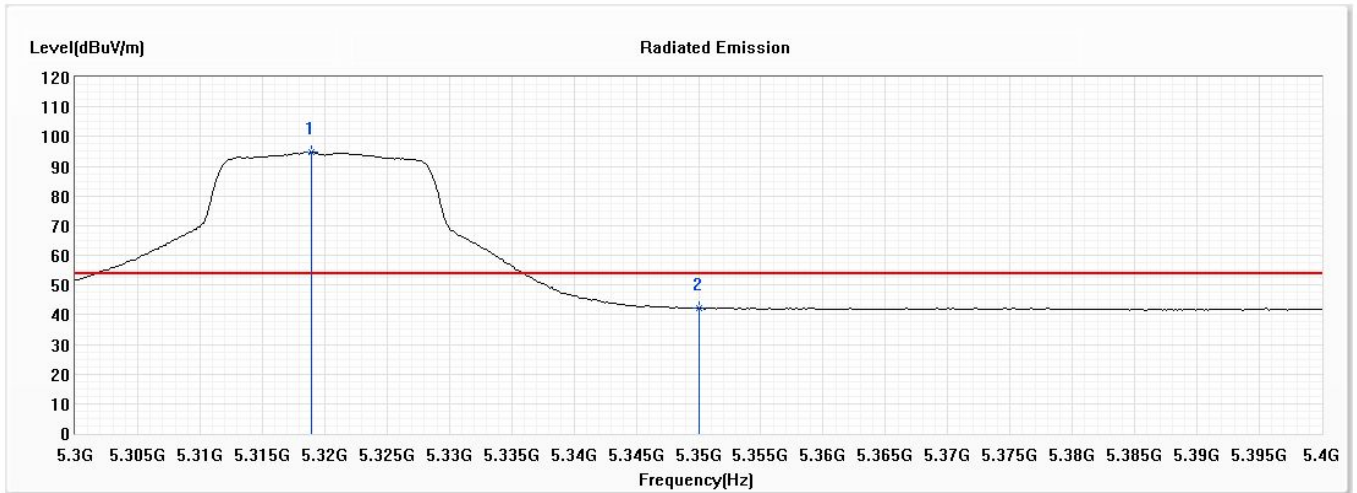
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5319.420	104.90	--	--	86.89	18.01	PK
2	5350.000	53.85	74.00	-20.15	35.91	17.94	PK
3	5360.580	57.68	74.00	-16.32	39.66	18.02	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5320MHz)  
 Test Date : 2021/02/06

**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5318.986	94.76	--	--	76.75	18.01	AV
2	5350.000	42.20	54.00	-11.80	24.26	17.94	AV

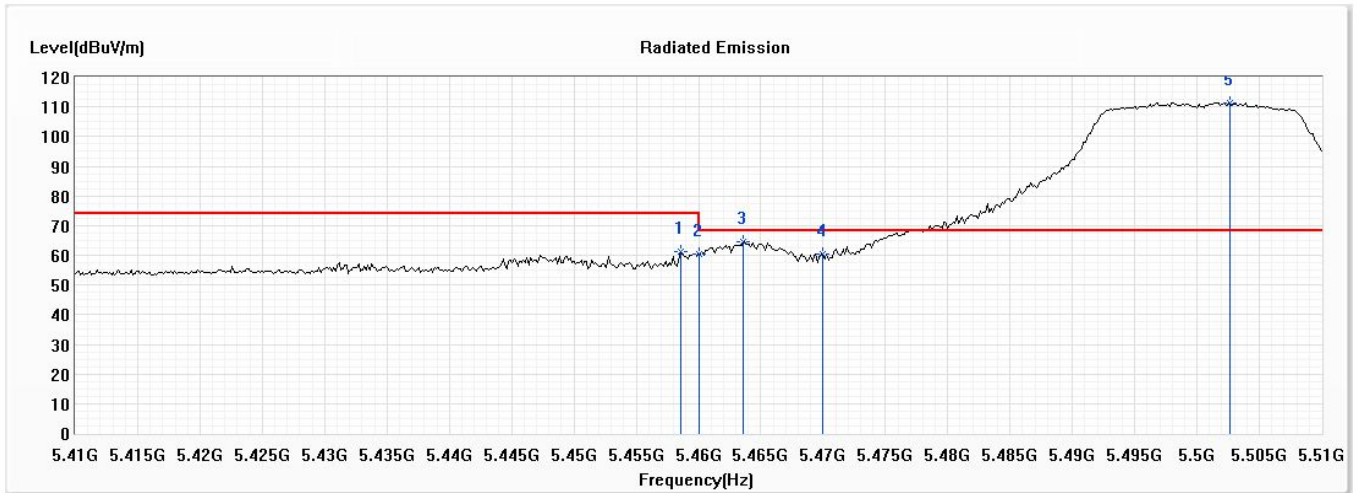
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)  
 Test Date : 2021/02/06

**Horizontal**



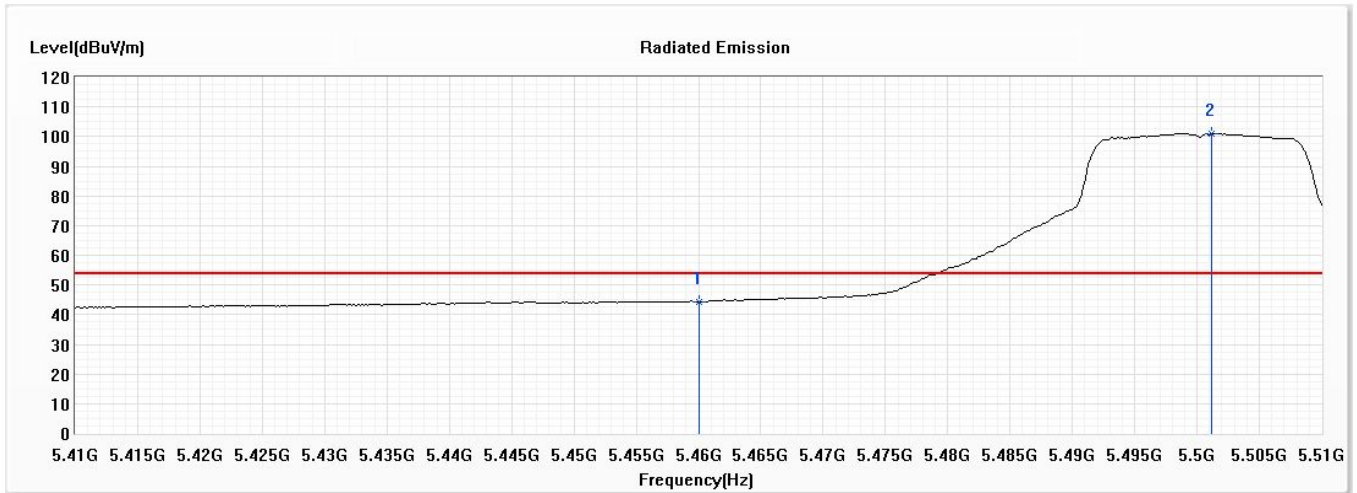
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5458.551	61.09	74.00	-12.91	42.87	18.22	PK
2	5460.000	60.29	74.00	-13.71	42.04	18.25	PK
3	5463.623	64.46	68.22	-3.76	46.14	18.32	PK
4	5470.000	60.57	68.22	-7.65	42.20	18.37	PK
5	5502.609	111.45	--	--	92.91	18.54	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)  
 Test Date : 2021/02/06

**Horizontal**



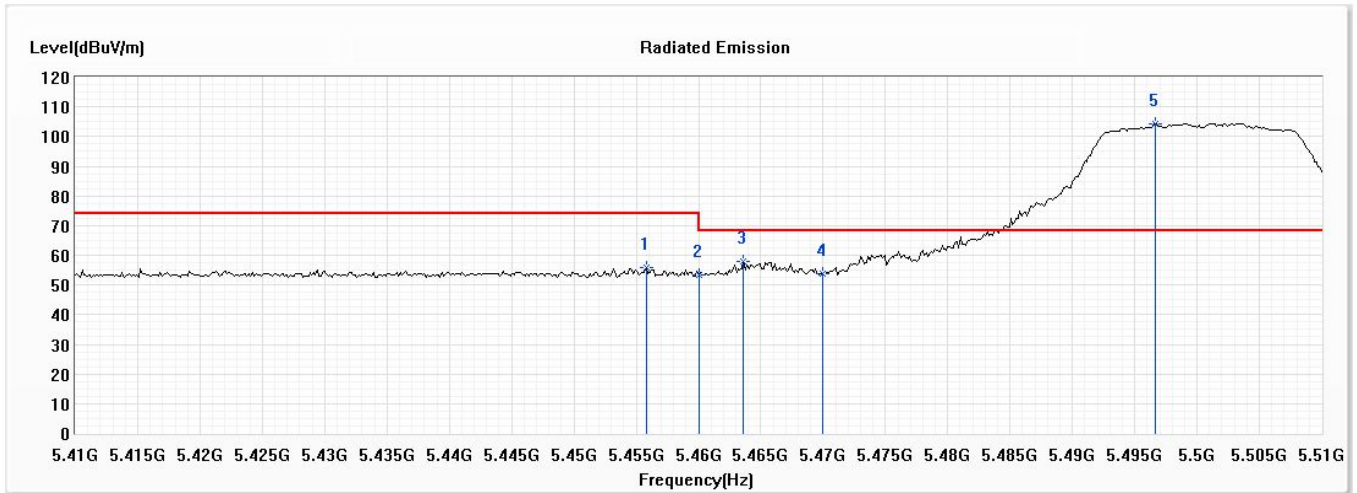
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5460.000	44.44	54.00	-9.56	26.19	18.25	AV
2	5501.159	101.03	--	--	82.47	18.56	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)  
 Test Date : 2021/02/06

**Vertical**



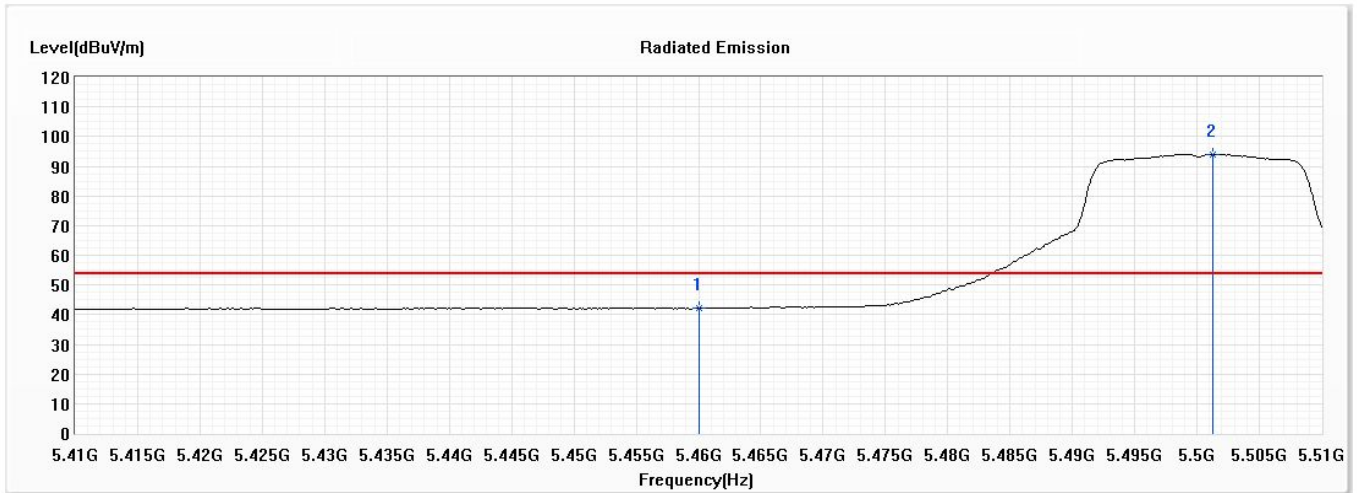
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5455.797	55.89	74.00	-18.11	37.74	18.15	PK
2	5460.000	53.20	74.00	-20.80	34.95	18.25	PK
3	5463.623	58.01	68.22	-10.21	39.69	18.32	PK
4	5470.000	53.86	68.22	-14.36	35.49	18.37	PK
5	5496.667	104.36	--	--	85.83	18.53	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)  
 Test Date : 2021/02/06

**Vertical**



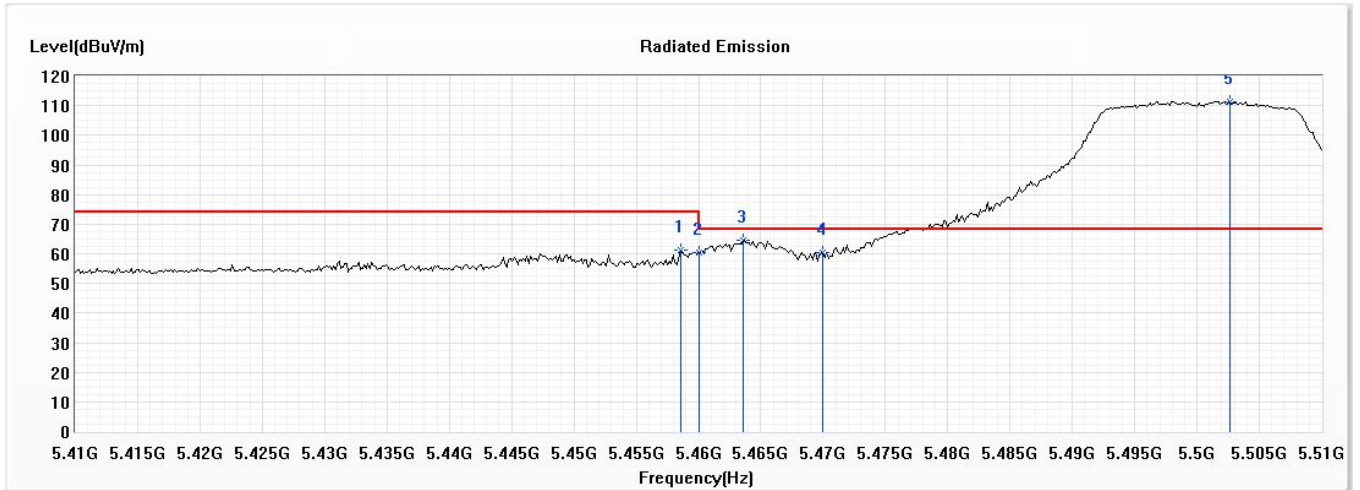
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5460.000	42.03	54.00	-11.97	23.78	18.25	AV
2	5501.304	94.05	--	--	75.50	18.55	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)  
 Test Date : 2021/02/06

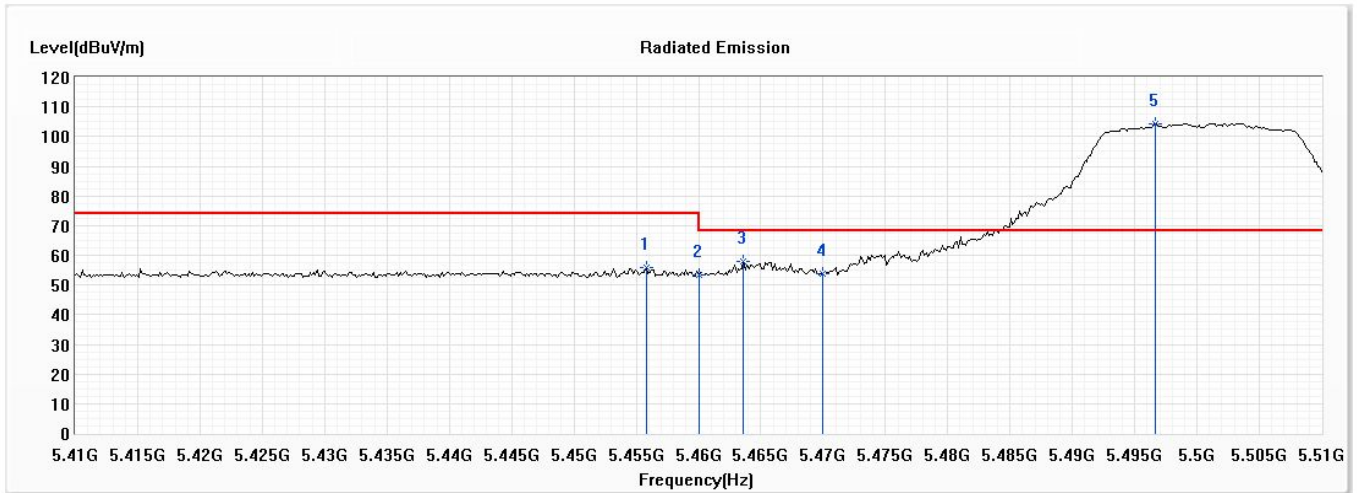
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5458.551	61.09	74.00	-12.91	42.87	18.22	PK
2	5460.000	60.29	74.00	-13.71	42.04	18.25	PK
* 3	5463.623	64.46	68.22	-3.76	46.14	18.32	PK
4	5470.000	60.57	68.22	-7.65	42.20	18.37	PK
5	5502.609	111.45	--	--	92.91	18.54	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)  
 Test Date : 2021/02/06

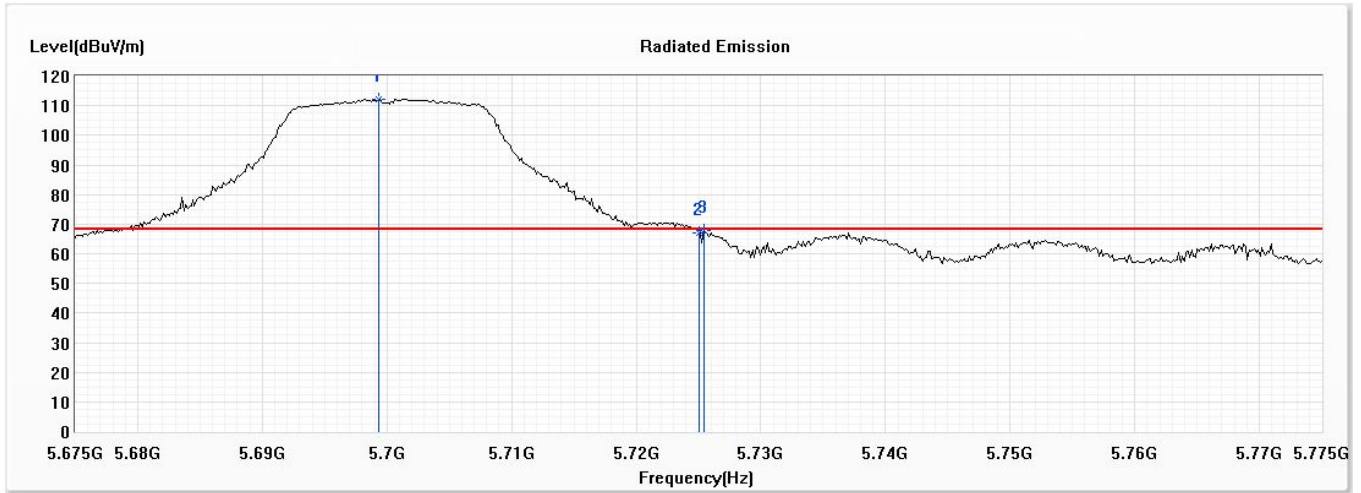
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5455.797	55.89	74.00	-18.11	37.74	18.15	PK
2	5460.000	53.20	74.00	-20.80	34.95	18.25	PK
* 3	5463.623	58.01	68.22	-10.21	39.69	18.32	PK
4	5470.000	53.86	68.22	-14.36	35.49	18.37	PK
5	5496.667	104.36	--	--	85.83	18.53	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5700MHz)  
 Test Date : 2021/02/06

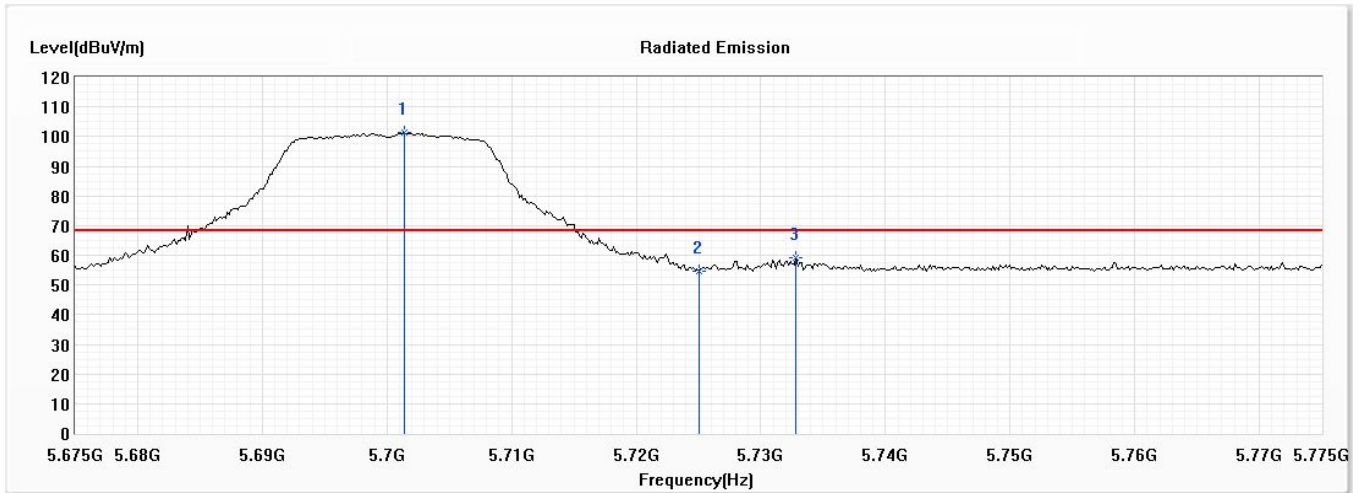
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5699.348	112.32	--	--	93.45	18.87	PK
2	5725.000	66.95	68.22	-1.27	48.11	18.84	PK
* 3	5725.435	67.94	68.22	-0.28	49.10	18.84	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5700MHz)  
 Test Date : 2021/02/06

**Vertical**

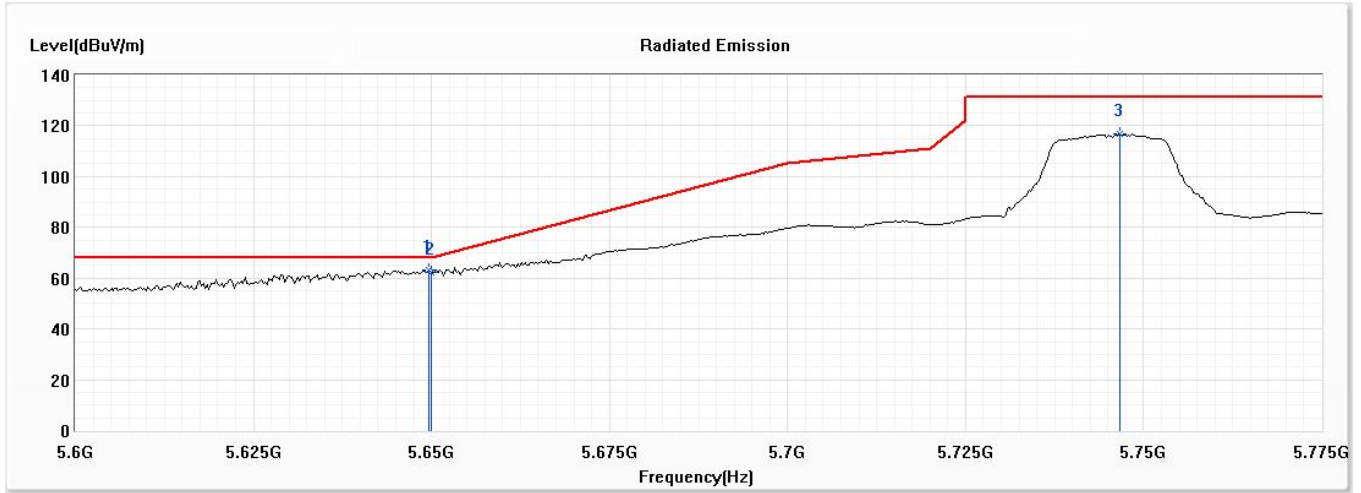


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5701.377	101.20	--	--	82.29	18.91	PK
2	5725.000	54.77	68.22	-13.45	35.93	18.84	PK
* 3	5732.826	58.97	68.22	-9.25	40.22	18.75	PK



Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5745MHz)  
 Test Date : 2021/02/06

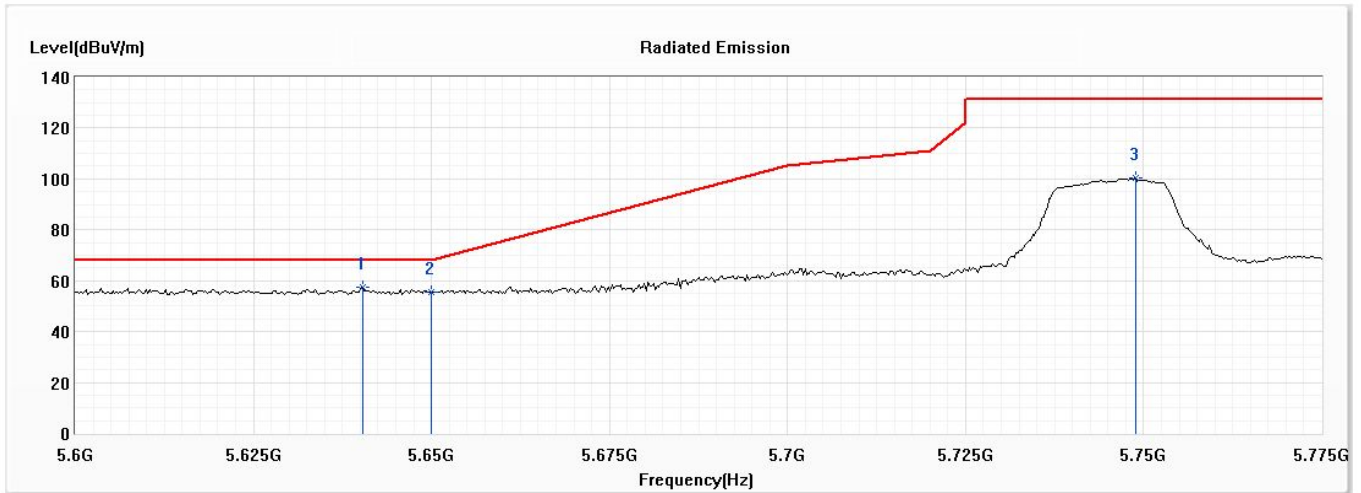
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5649.710	63.48	68.22	-4.74	45.13	18.35	PK
2	5650.000	62.35	68.22	-5.87	44.00	18.35	PK
3	5746.594	116.64	--	--	97.91	18.73	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5745MHz)  
 Test Date : 2021/02/06

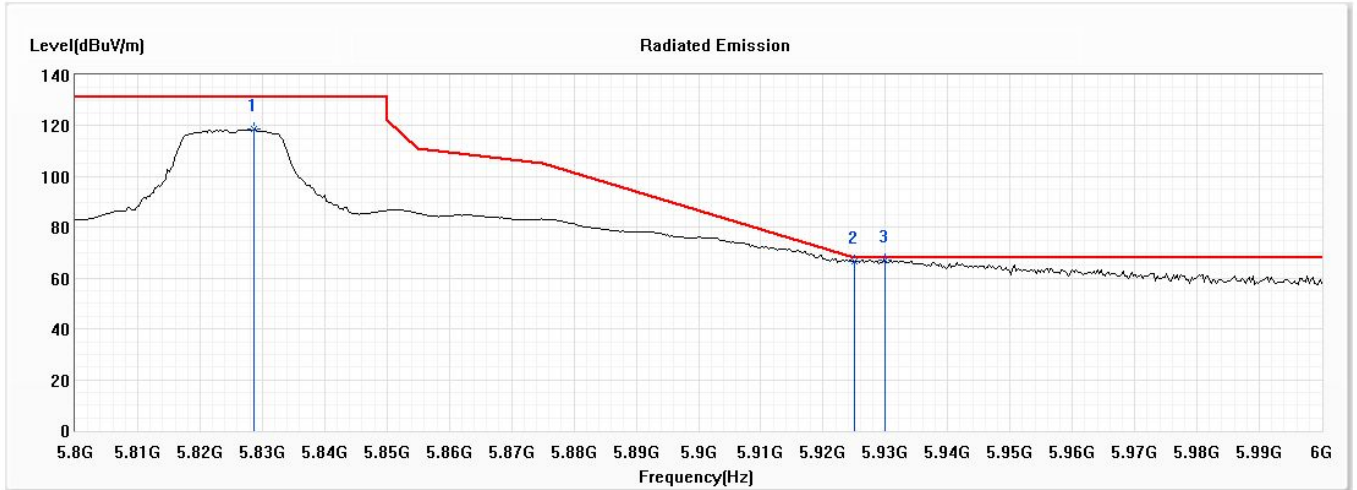
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5640.326	57.33	68.22	-10.89	38.98	18.35	PK
2	5650.000	55.62	68.22	-12.60	37.27	18.35	PK
3	5748.877	100.19	--	--	81.48	18.71	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5825MHz)  
 Test Date : 2021/02/06

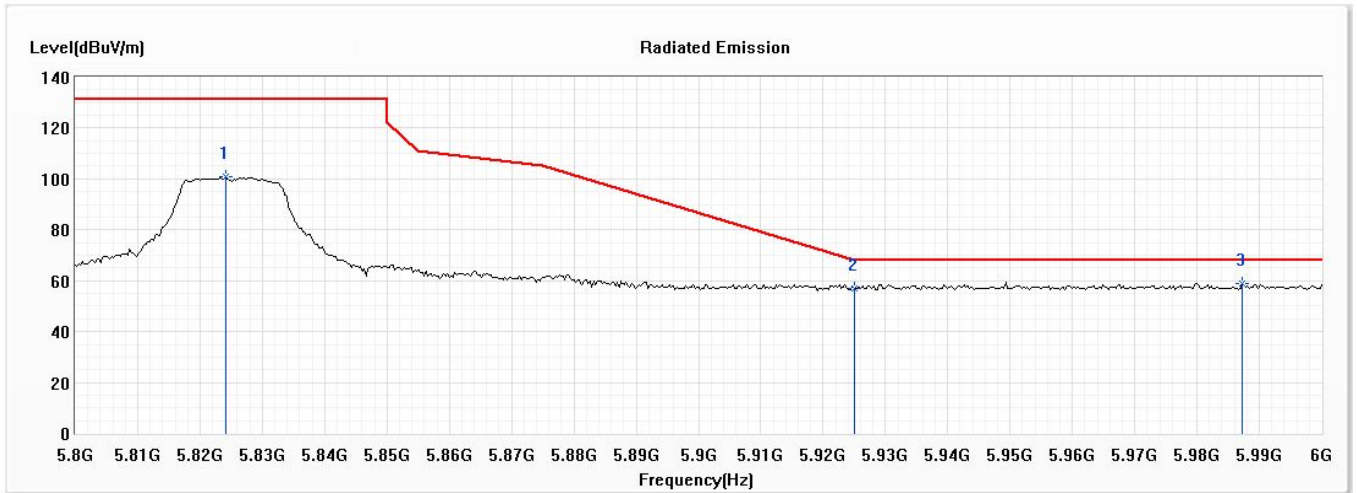
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5828.696	118.65	--	--	99.64	19.01	PK
2	5925.000	66.44	68.22	-1.78	47.21	19.23	PK
* 3	5929.855	66.93	68.22	-1.29	47.73	19.20	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5825MHz)  
 Test Date : 2021/02/06

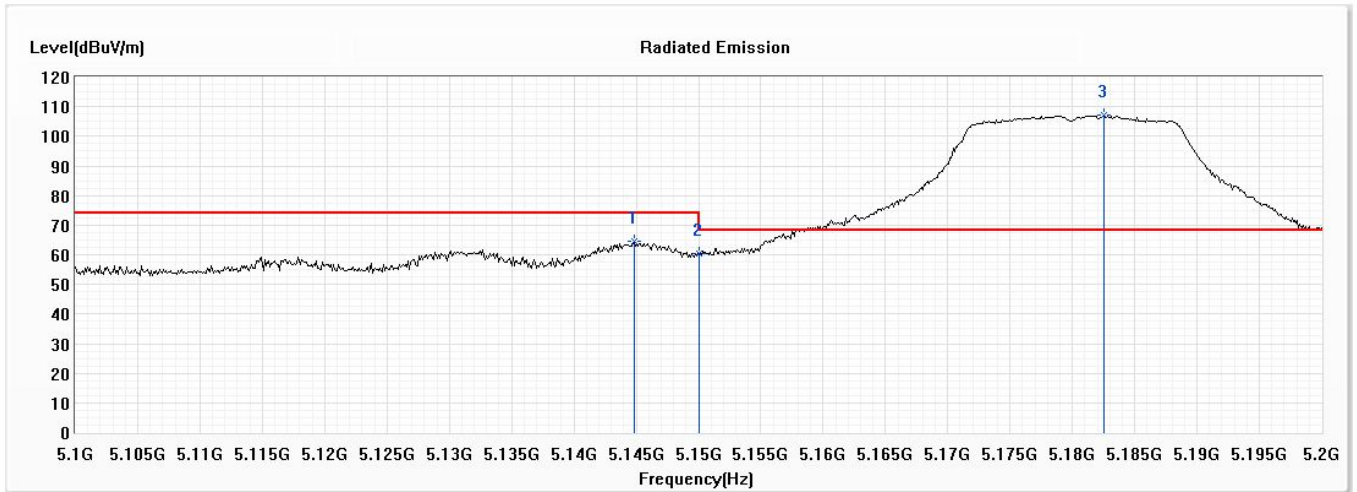
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5824.058	100.66	--	--	81.64	19.02	PK
2	5925.000	56.85	68.22	-11.37	37.62	19.23	PK
* 3	5987.246	59.07	68.22	-9.15	39.75	19.32	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)  
 Test Date : 2021/02/06

**Horizontal**



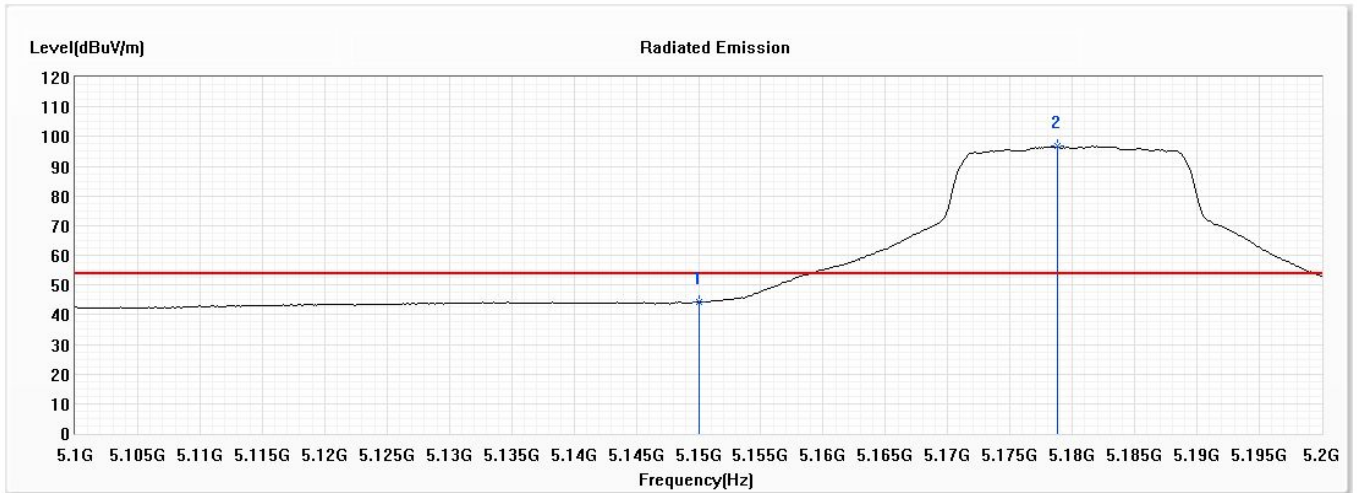
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5144.800	64.75	74.00	-9.25	47.49	17.26	PK
2	5150.000	60.27	74.00	-13.73	42.99	17.28	PK
3	5182.500	107.06	--	--	89.42	17.64	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)  
 Test Date : 2021/02/08

**Horizontal**



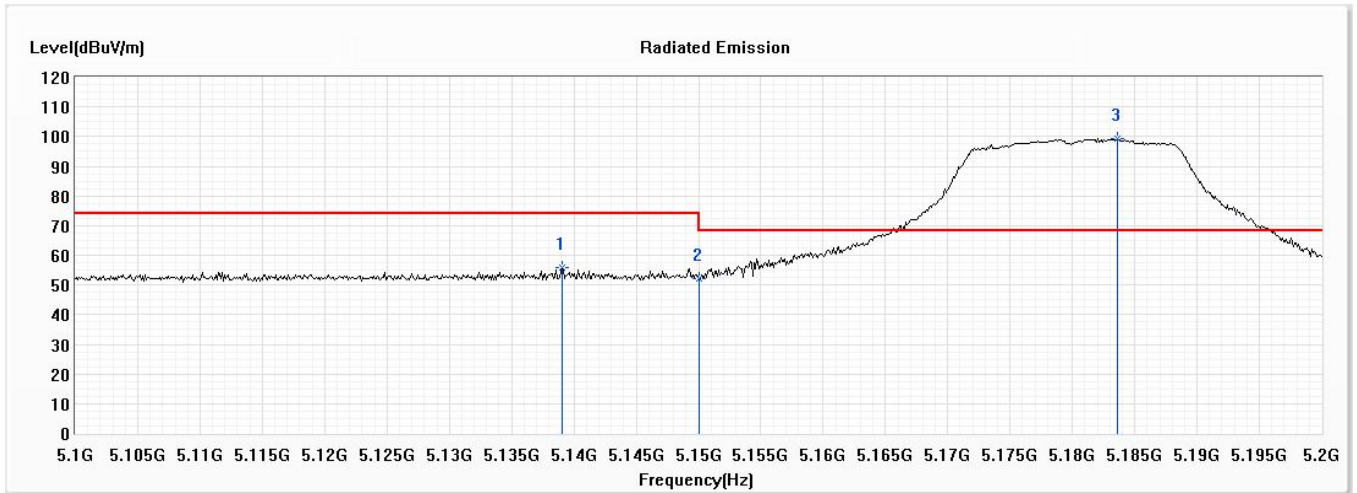
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5150.000	44.15	54.00	-9.85	26.87	17.28	AV
2	5178.800	96.63	--	--	79.05	17.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)  
 Test Date : 2021/02/08

**Vertical**



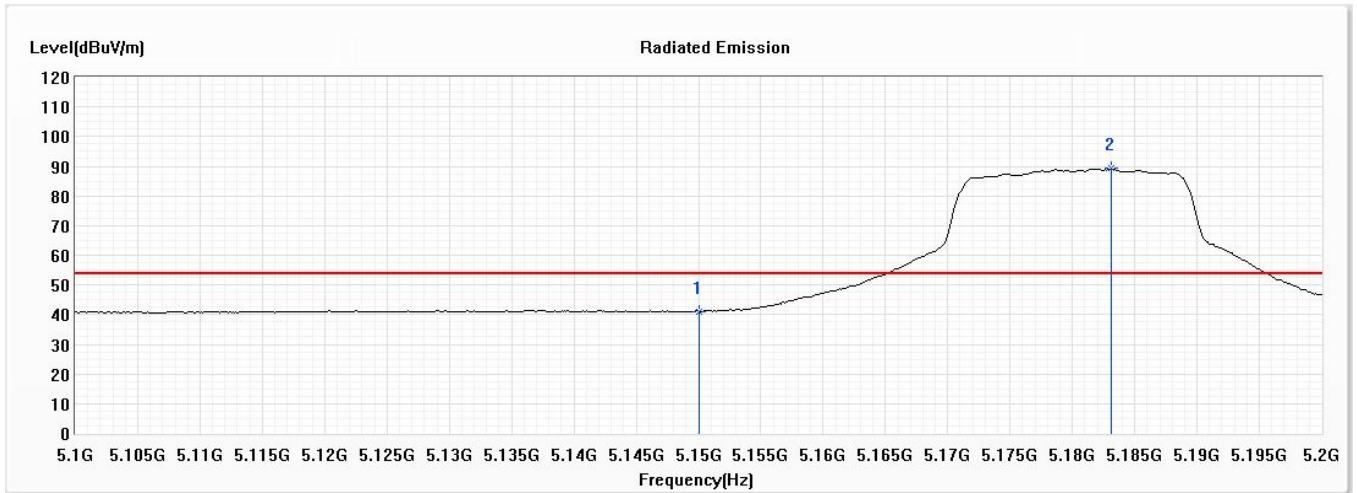
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5139.100	55.72	74.00	-18.28	38.49	17.23	PK
2	5150.000	52.17	74.00	-21.83	34.89	17.28	PK
3	5183.600	99.17	--	--	81.51	17.66	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)  
 Test Date : 2021/02/08

**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5150.000	41.03	54.00	-12.97	23.75	17.28	AV
2	5183.100	89.19	--	--	71.54	17.65	AV

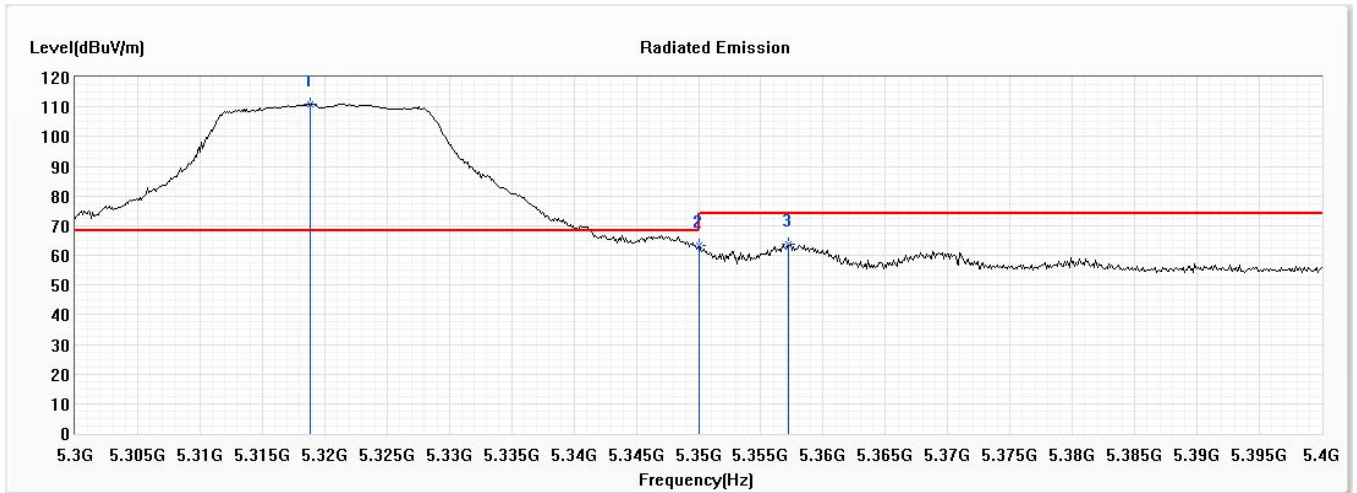
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)  
 Test Date : 2021/02/08

**Horizontal**



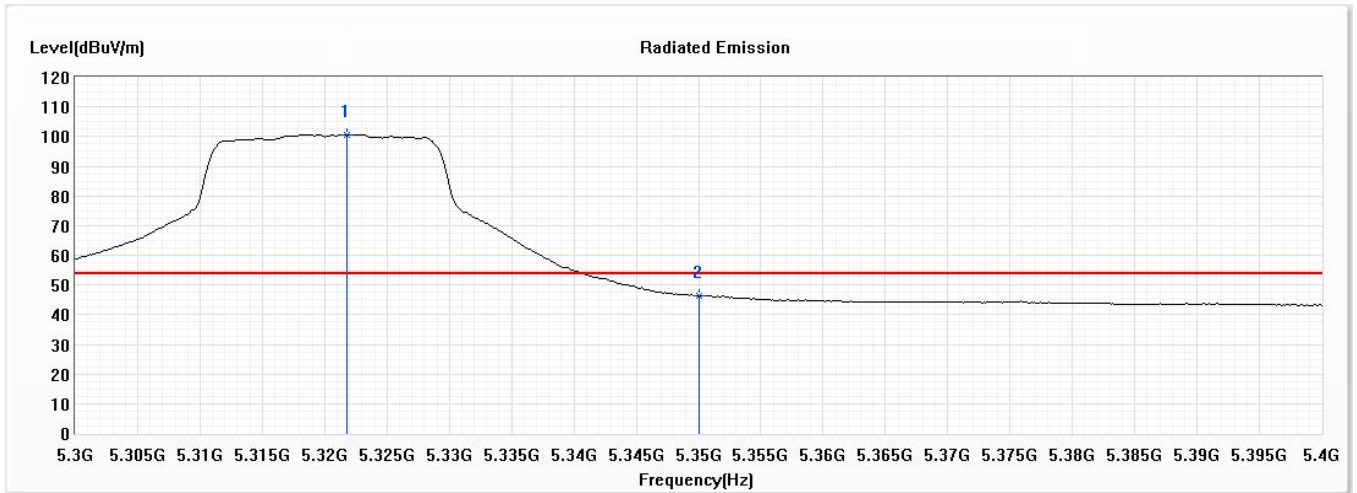
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5318.800	110.95	--	--	92.94	18.01	PK
2	5350.000	63.38	74.00	-10.62	45.44	17.94	PK
3	5357.200	63.73	74.00	-10.27	45.73	18.00	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)  
 Test Date : 2021/02/08

**Horizontal**



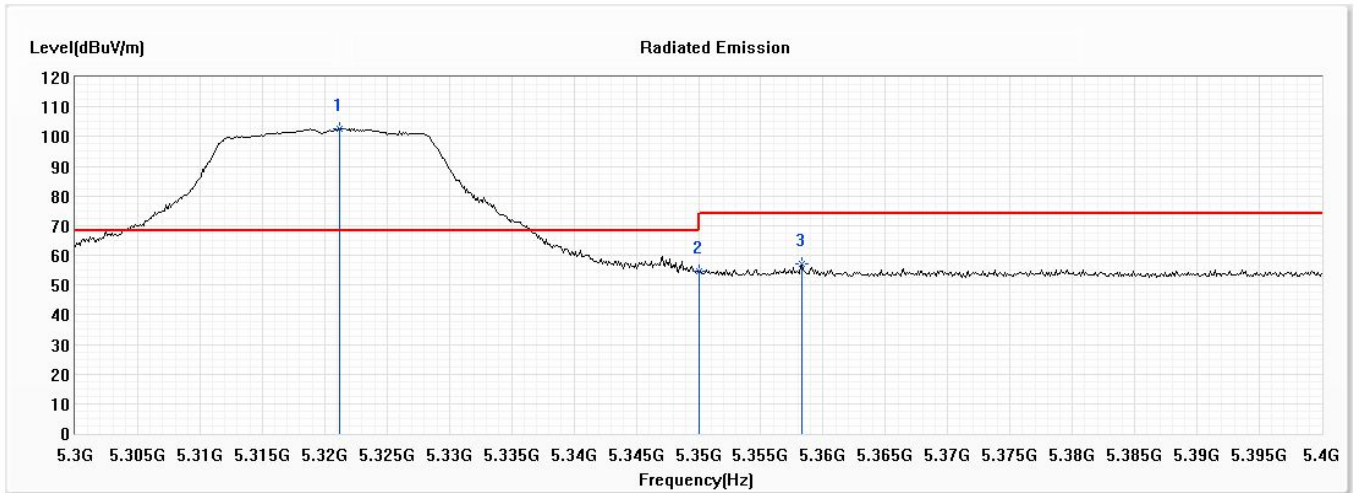
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5321.800	100.74	--	--	82.74	18.00	AV
2	5350.000	46.37	54.00	-7.63	28.43	17.94	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)  
 Test Date : 2021/02/08

**Vertical**



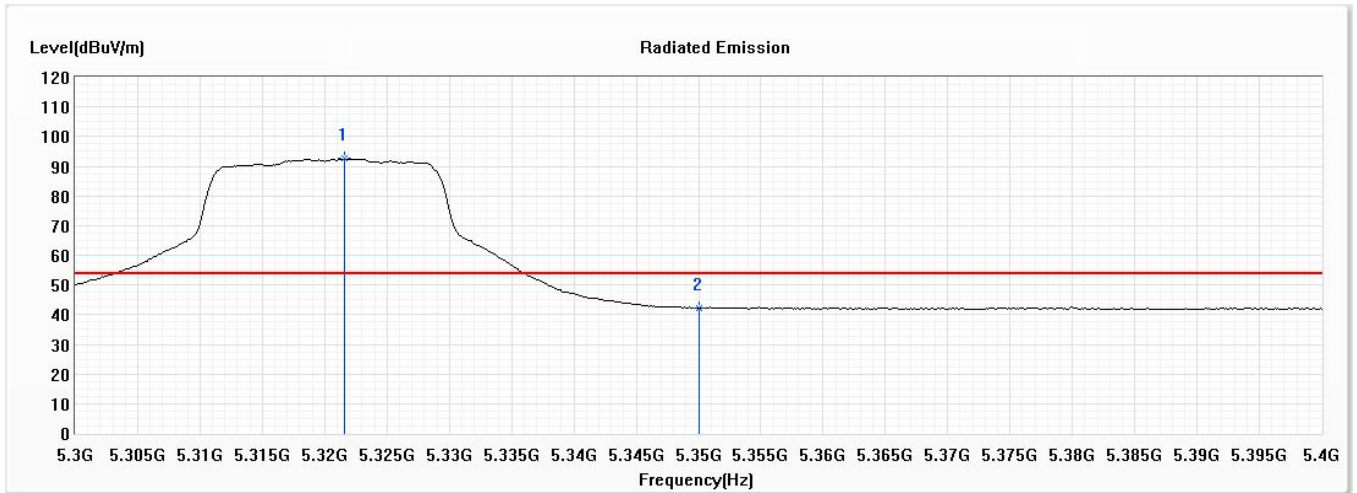
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5321.200	102.74	--	--	84.74	18.00	PK
2	5350.000	54.61	74.00	-19.39	36.67	17.94	PK
3	5358.300	56.94	74.00	-17.06	38.94	18.00	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)  
 Test Date : 2021/02/08

**Vertical**



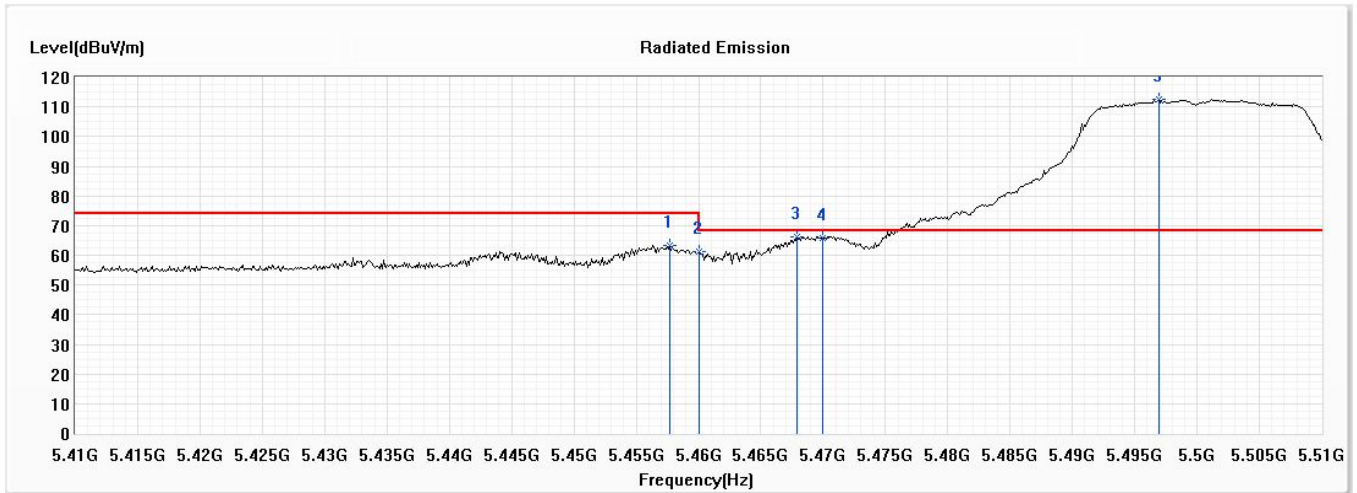
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5321.600	92.54	--	--	74.54	18.00	AV
2	5350.000	42.39	54.00	-11.61	24.45	17.94	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2021/02/08

**Horizontal**



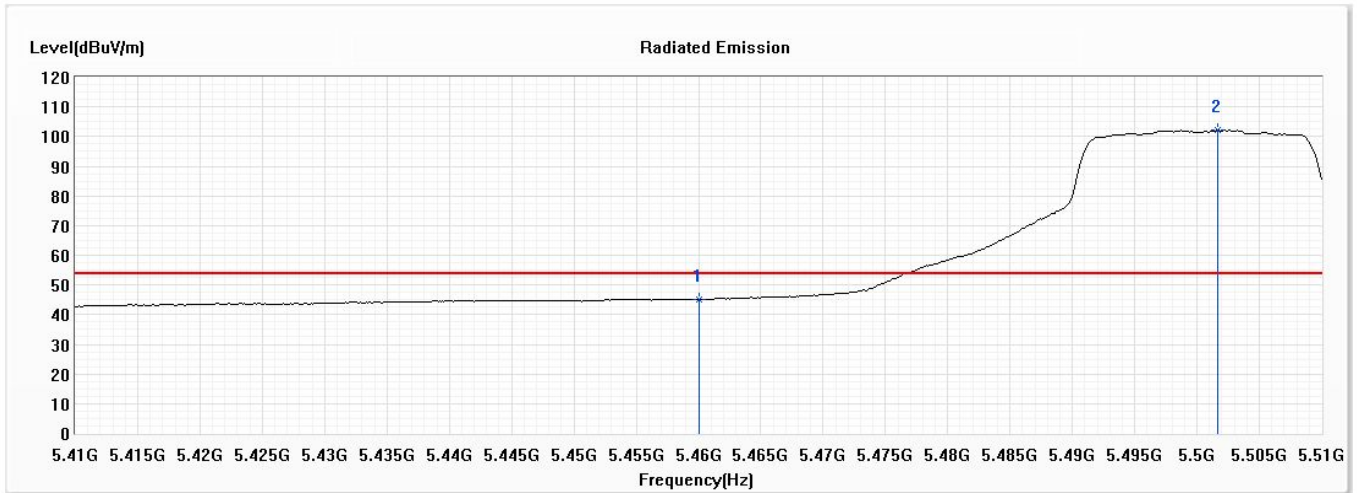
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5457.700	63.44	74.00	-10.56	45.23	18.21	PK
2	5460.000	61.27	74.00	-12.73	43.02	18.25	PK
3	5467.900	66.21	68.22	-2.01	47.83	18.38	PK
4	5470.000	65.81	68.22	-2.41	47.44	18.37	PK
5	5496.900	112.59	--	--	94.05	18.54	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2021/02/08

**Horizontal**



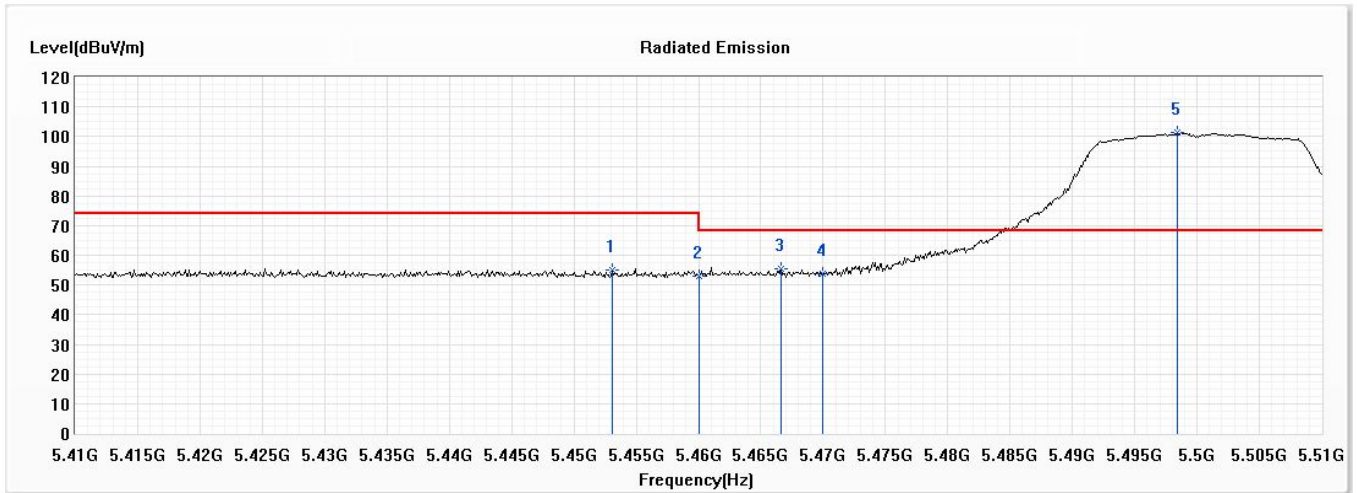
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5460.000	44.99	54.00	-9.01	26.74	18.25	AV
2	5501.700	102.16	--	--	83.61	18.55	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2021/02/08

**Vertical**



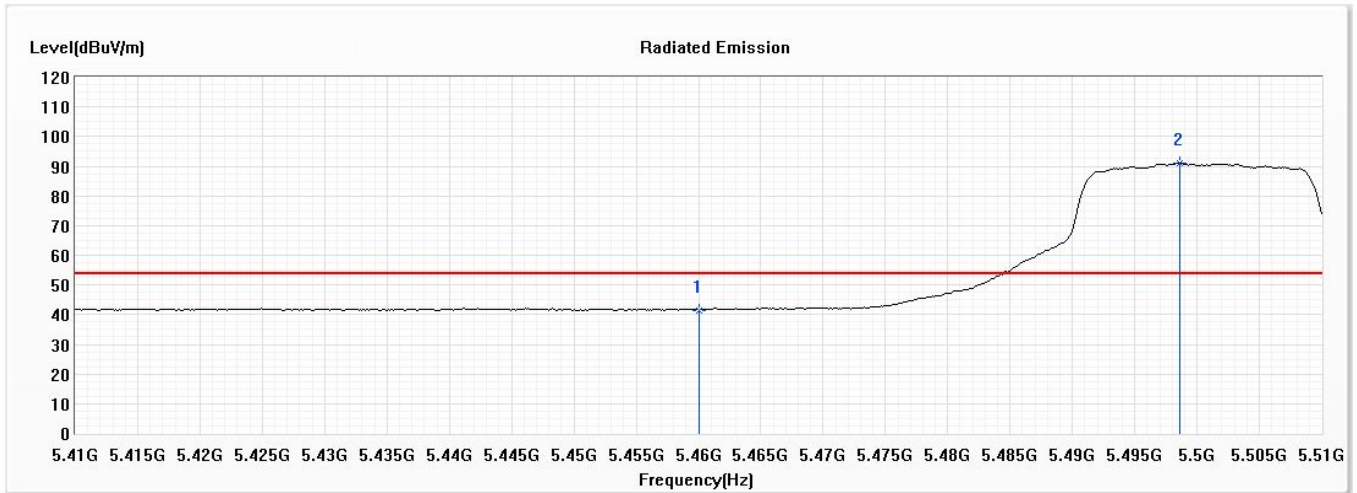
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5453.100	55.07	74.00	-18.93	36.92	18.15	PK
2	5460.000	53.08	74.00	-20.92	34.83	18.25	PK
3	5466.600	55.36	68.22	-12.86	36.98	18.38	PK
4	5470.000	53.99	68.22	-14.23	35.62	18.37	PK
5	5498.400	101.53	--	--	82.98	18.55	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2021/02/08

**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5460.000	41.54	54.00	-12.46	23.29	18.25	AV
2	5498.600	91.01	--	--	72.46	18.55	AV

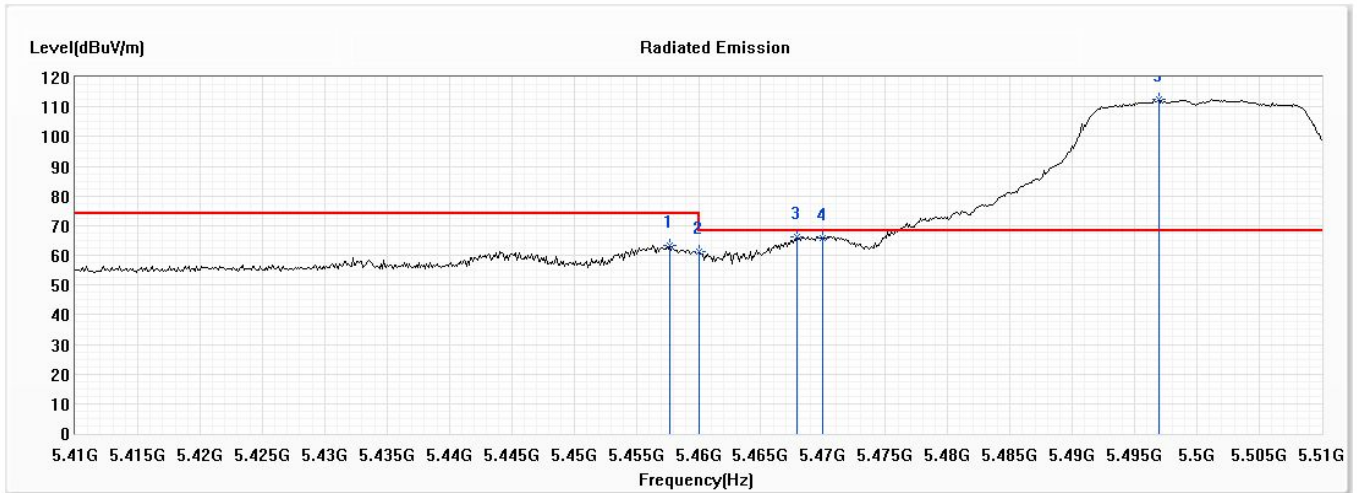
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2021/02/08

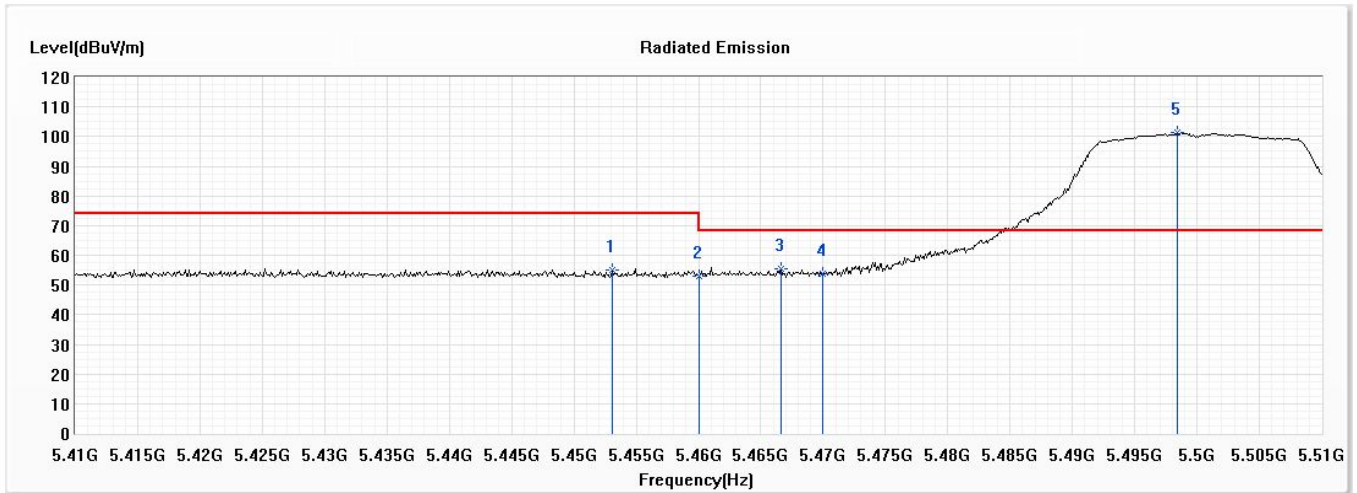
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5457.700	63.44	74.00	-10.56	45.23	18.21	PK
2	5460.000	61.27	74.00	-12.73	43.02	18.25	PK
* 3	5467.900	66.21	68.22	-2.01	47.83	18.38	PK
4	5470.000	65.81	68.22	-2.41	47.44	18.37	PK
5	5496.900	112.59	--	--	94.05	18.54	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2021/02/08

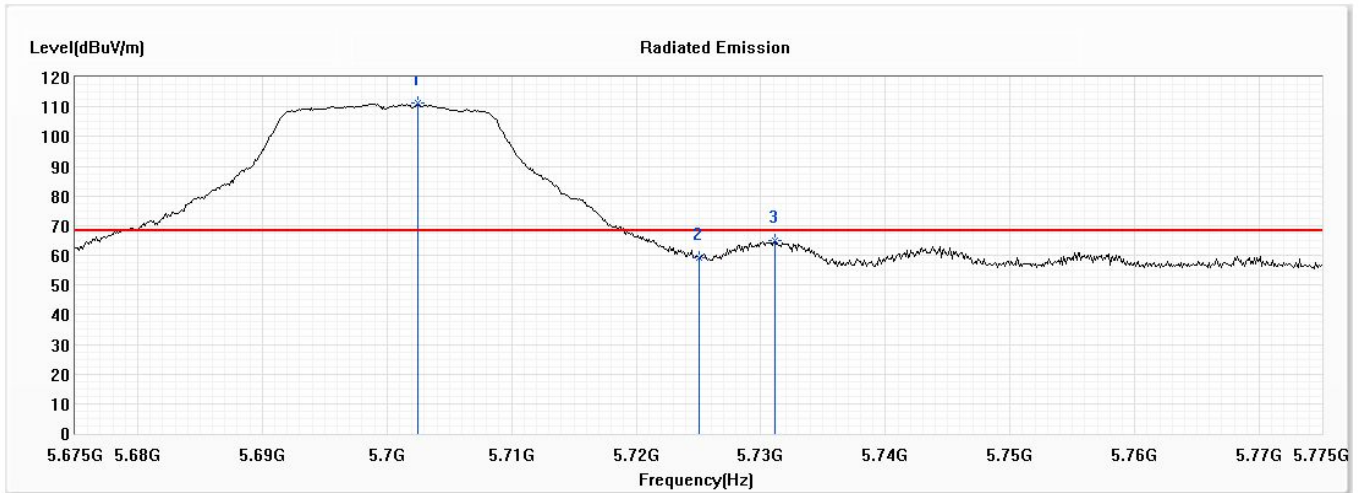
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5453.100	55.07	74.00	-18.93	36.92	18.15	PK
2	5460.000	53.08	74.00	-20.92	34.83	18.25	PK
* 3	5466.600	55.36	68.22	-12.86	36.98	18.38	PK
4	5470.000	53.99	68.22	-14.23	35.62	18.37	PK
5	5498.400	101.53	--	--	82.98	18.55	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)  
 Test Date : 2021/02/08

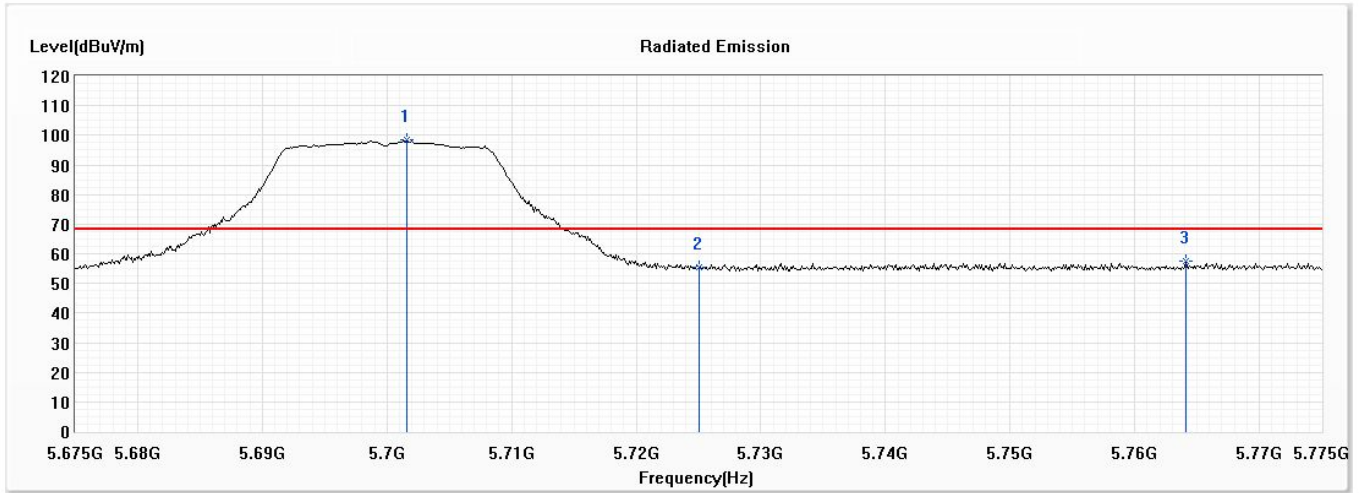
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5702.500	111.16	--	--	92.27	18.89	PK
2	5725.000	59.06	68.22	-9.16	40.22	18.84	PK
* 3	5731.100	64.95	68.22	-3.27	46.17	18.78	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)  
 Test Date : 2021/02/08

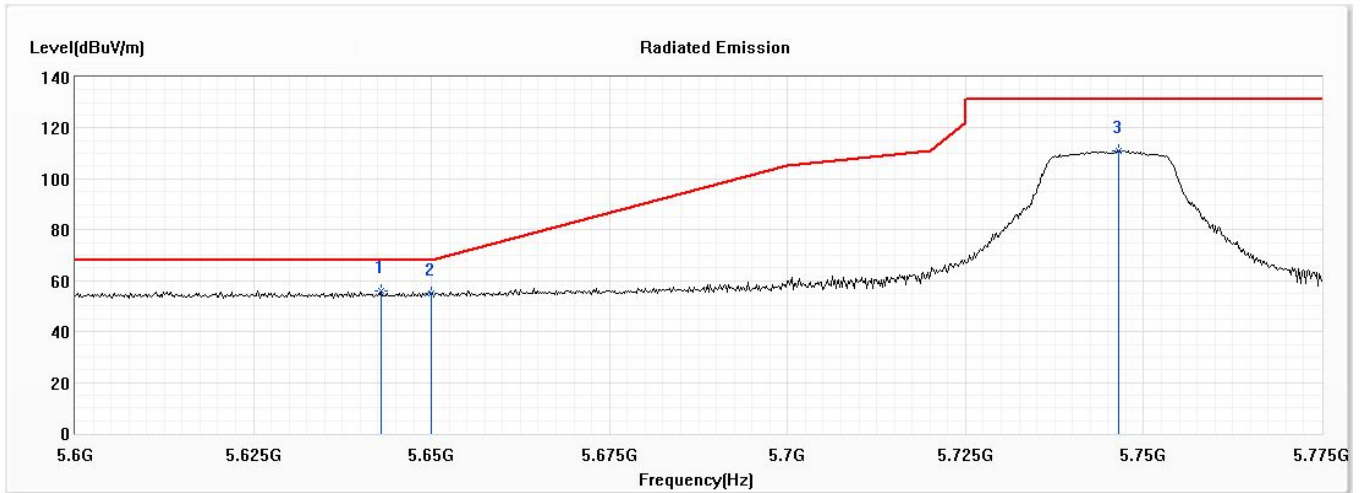
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5701.600	98.30	--	--	79.39	18.91	PK
2	5725.000	55.49	68.22	-12.73	36.65	18.84	PK
* 3	5764.100	57.53	68.22	-10.69	38.74	18.79	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)  
 Test Date : 2021/02/08

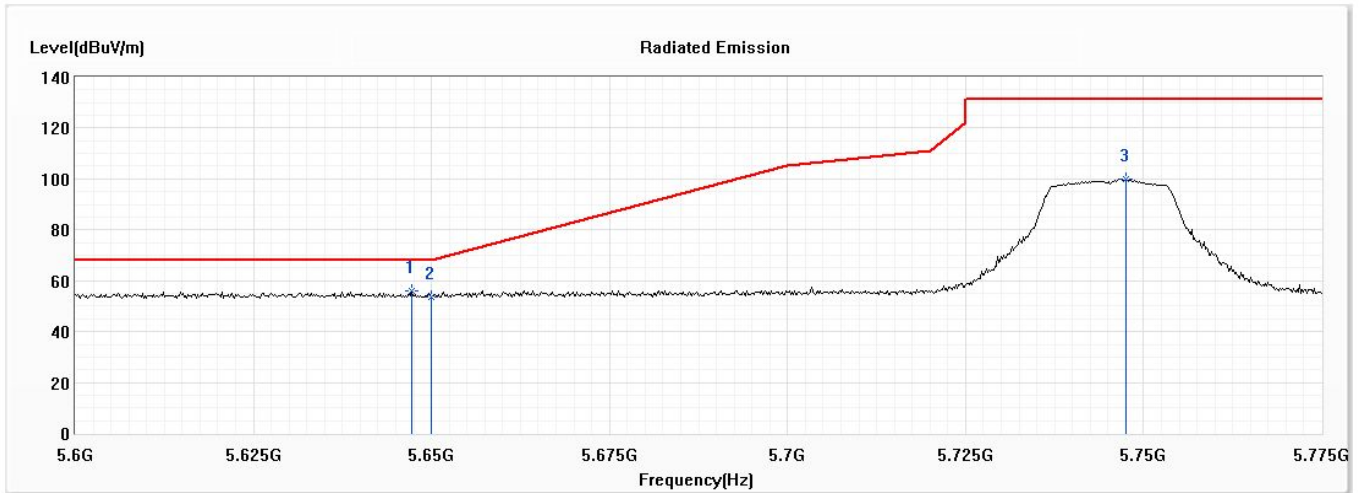
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5642.875	56.08	68.22	-12.14	37.72	18.36	PK
2	5650.000	54.80	68.22	-13.42	36.45	18.35	PK
3	5746.475	111.19	--	--	92.46	18.73	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)  
 Test Date : 2021/02/08

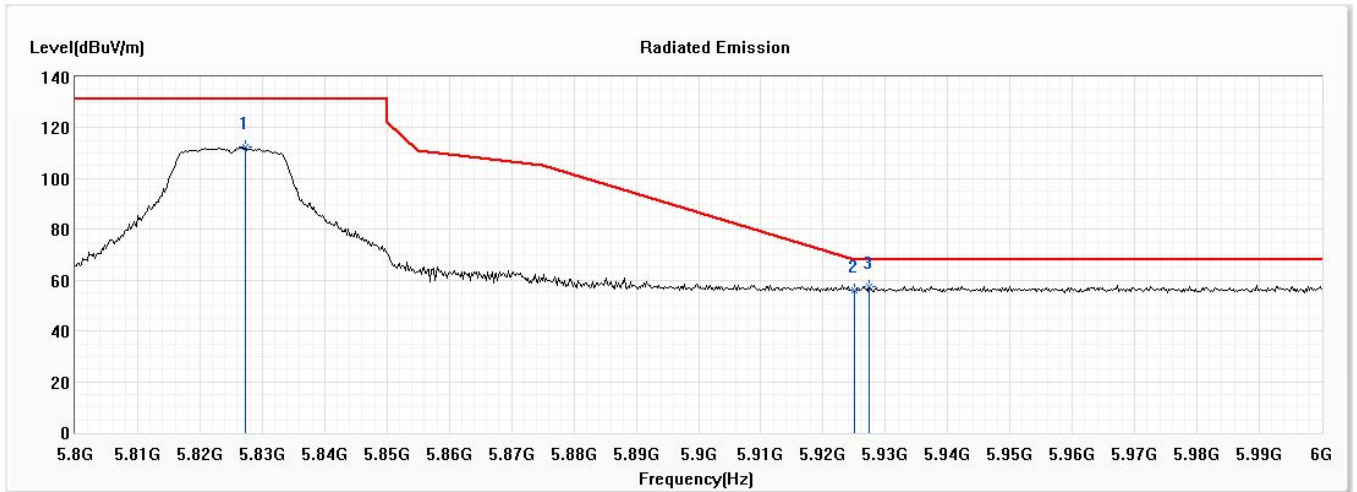
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5647.250	56.14	68.22	-12.08	37.78	18.36	PK
2	5650.000	53.82	68.22	-14.40	35.47	18.35	PK
3	5747.525	99.79	--	--	81.07	18.72	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)  
 Test Date : 2021/02/08

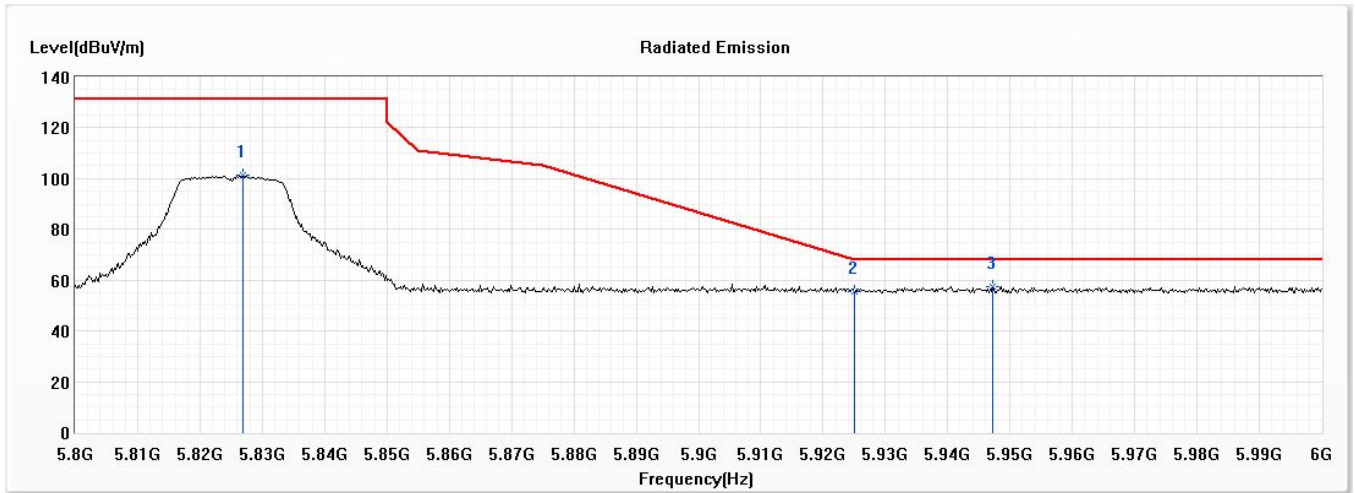
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5827.200	112.38	--	--	93.35	19.03	PK
2	5925.000	56.23	68.22	-11.99	37.00	19.23	PK
* 3	5927.400	57.23	68.22	-10.99	38.01	19.22	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)  
 Test Date : 2021/02/08

**Vertical**

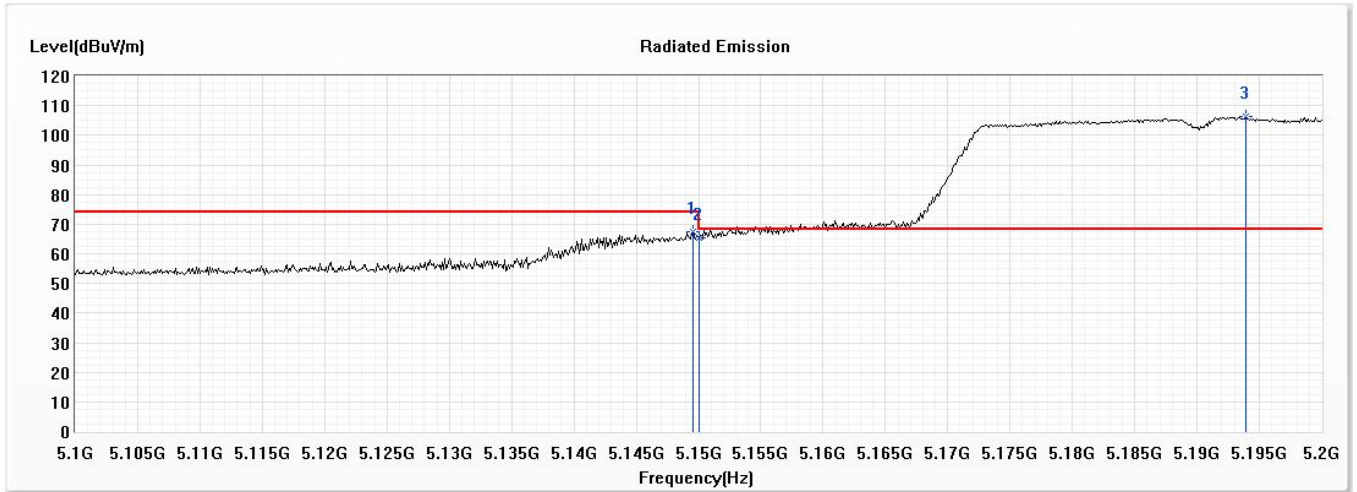


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5826.800	101.26	--	--	82.23	19.03	PK
2	5925.000	55.40	68.22	-12.82	36.17	19.23	PK
* 3	5947.200	57.34	68.22	-10.88	38.14	19.20	PK



Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2021/02/08

**Horizontal**



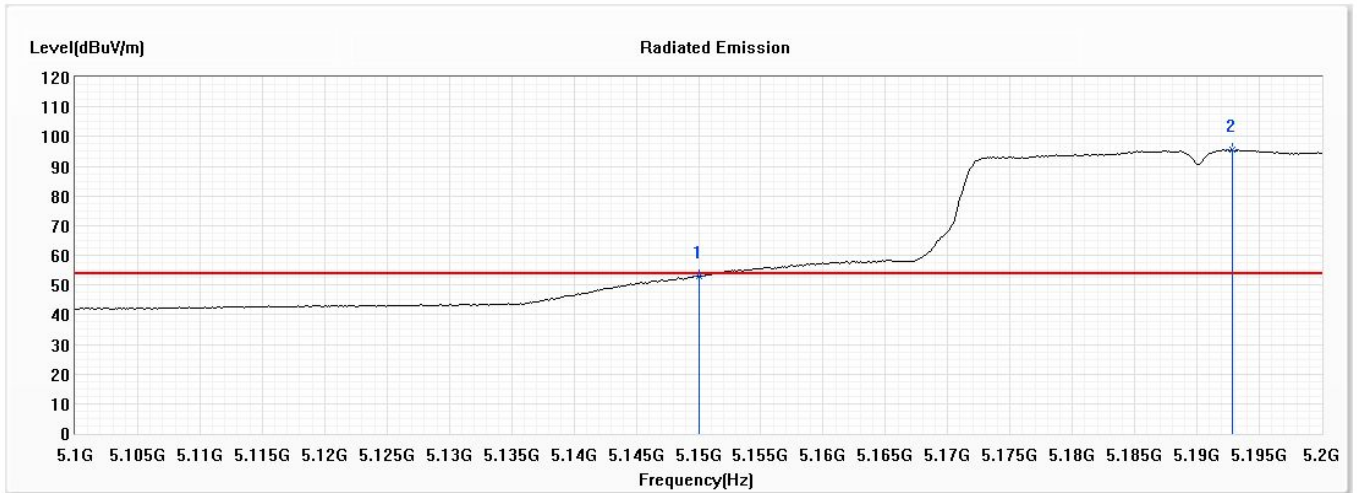
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5149.600	67.30	74.00	-6.70	50.02	17.28	PK
2	5150.000	65.50	74.00	-8.50	48.22	17.28	PK
3	5193.900	106.18	--	--	88.43	17.75	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2021/02/08

**Horizontal**



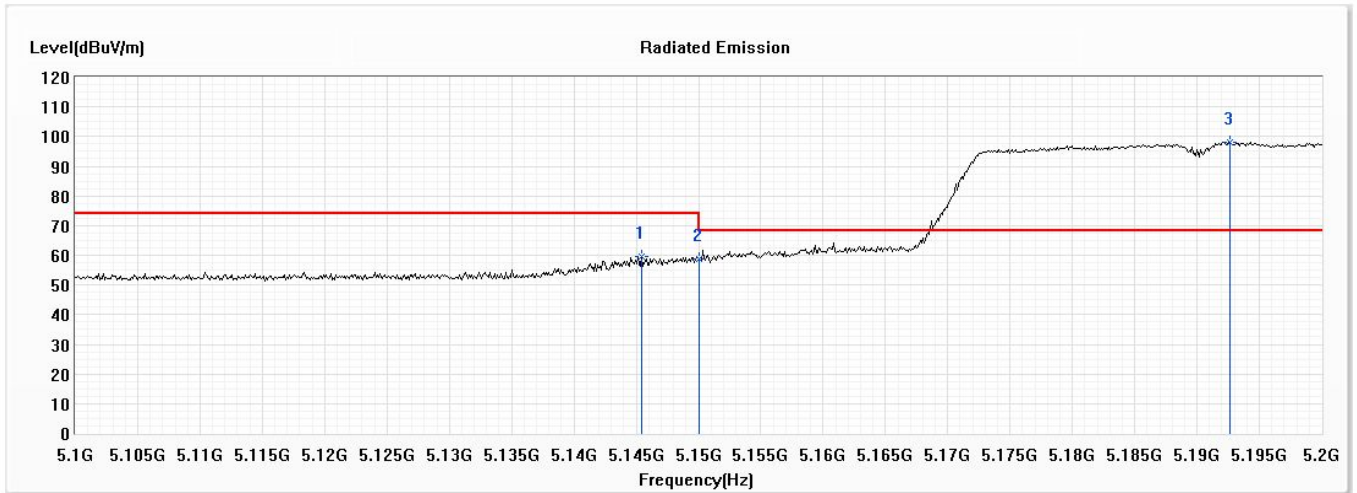
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5150.000	52.97	54.00	-1.03	35.69	17.28	AV
2	5192.800	95.56	--	--	77.81	17.75	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2021/02/08

**Vertical**



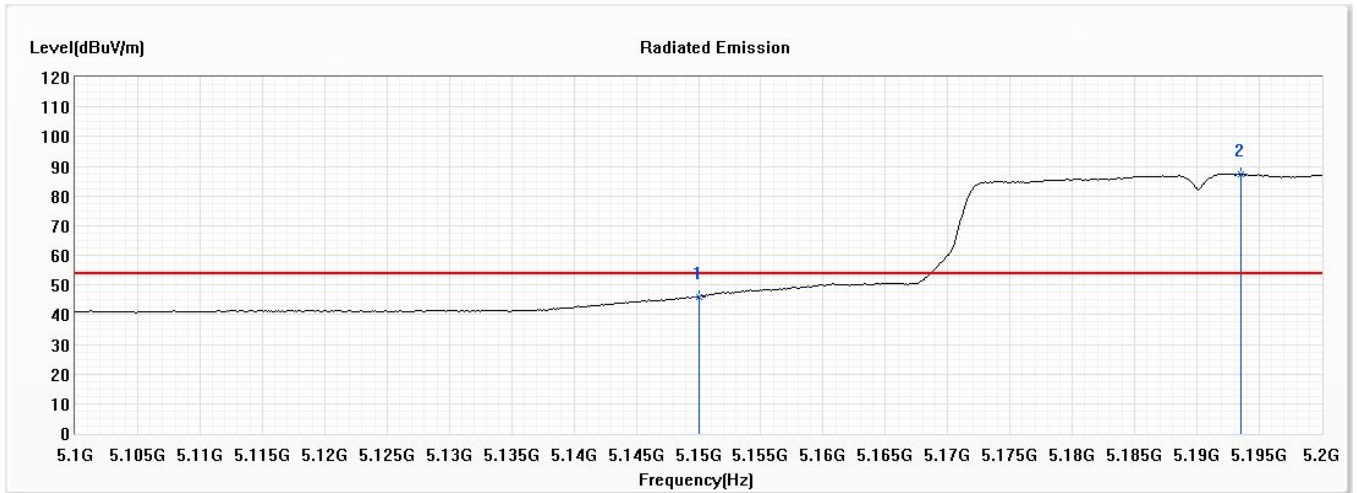
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5145.400	59.58	74.00	-14.42	42.32	17.26	PK
2	5150.000	58.67	74.00	-15.33	41.39	17.28	PK
3	5192.600	98.06	--	--	80.31	17.75	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2021/02/08

**Vertical**



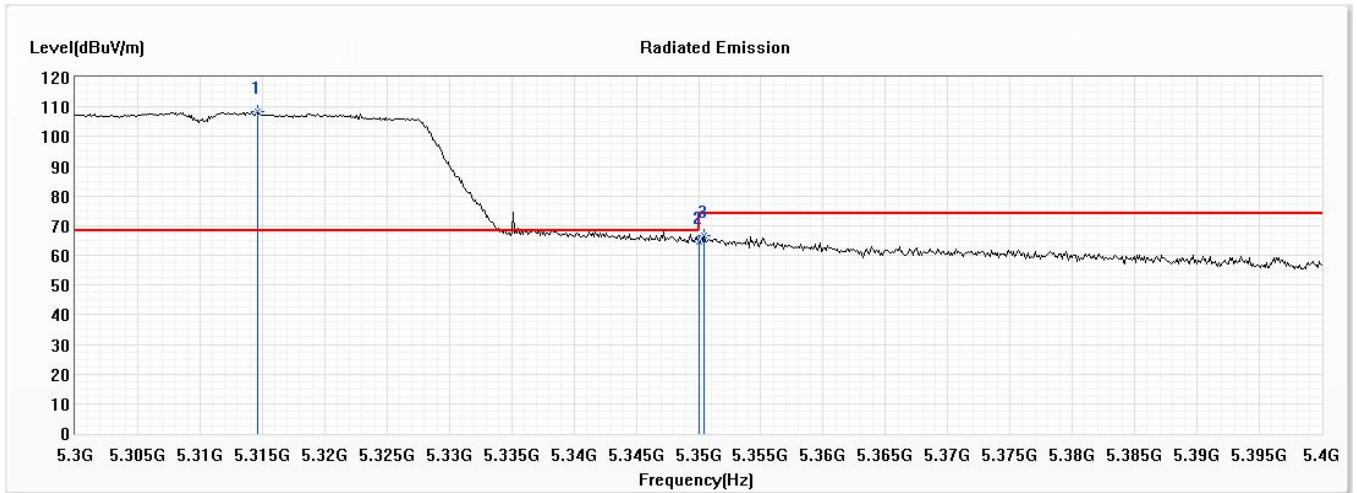
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5150.000	46.09	54.00	-7.91	28.81	17.28	AV
2	5193.500	87.36	--	--	69.61	17.75	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)  
 Test Date : 2021/02/08

**Horizontal**



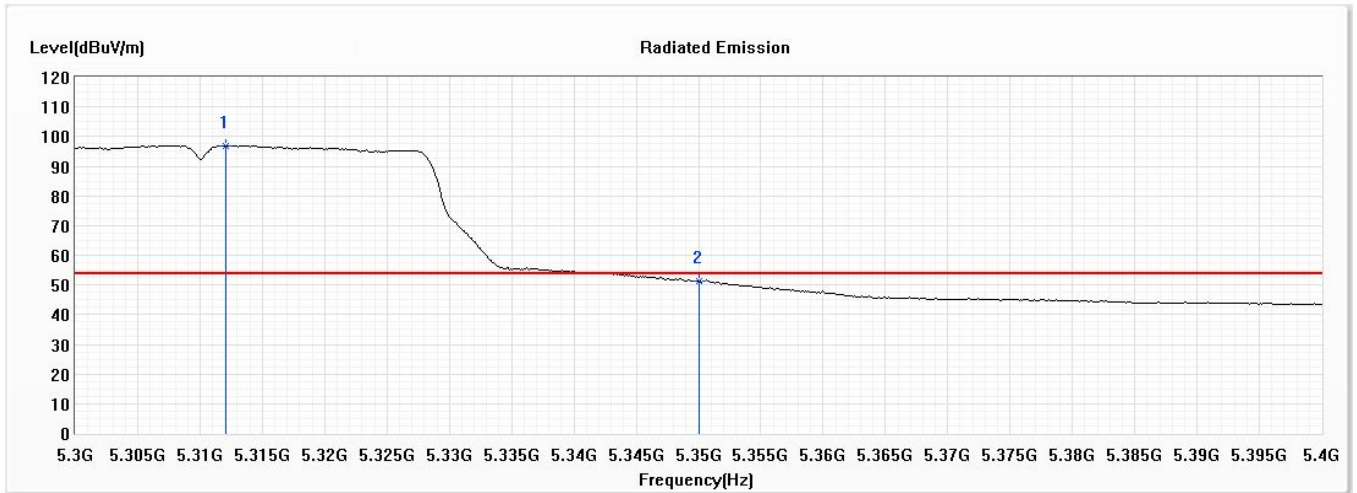
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5314.600	108.33	--	--	90.34	17.99	PK
2	5350.000	64.46	74.00	-9.54	46.52	17.94	PK
3	5350.400	66.63	74.00	-7.37	48.69	17.94	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)  
 Test Date : 2021/02/08

**Horizontal**



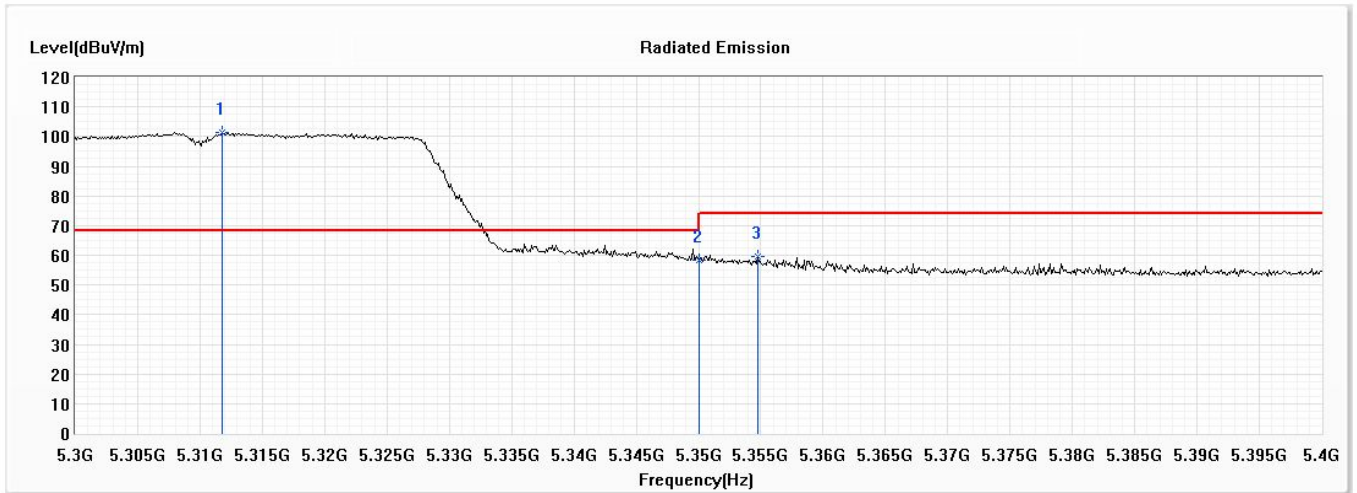
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5312.100	97.03	--	--	79.04	17.99	AV
2	5350.000	51.45	54.00	-2.55	33.51	17.94	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)  
 Test Date : 2021/02/08

**Vertical**



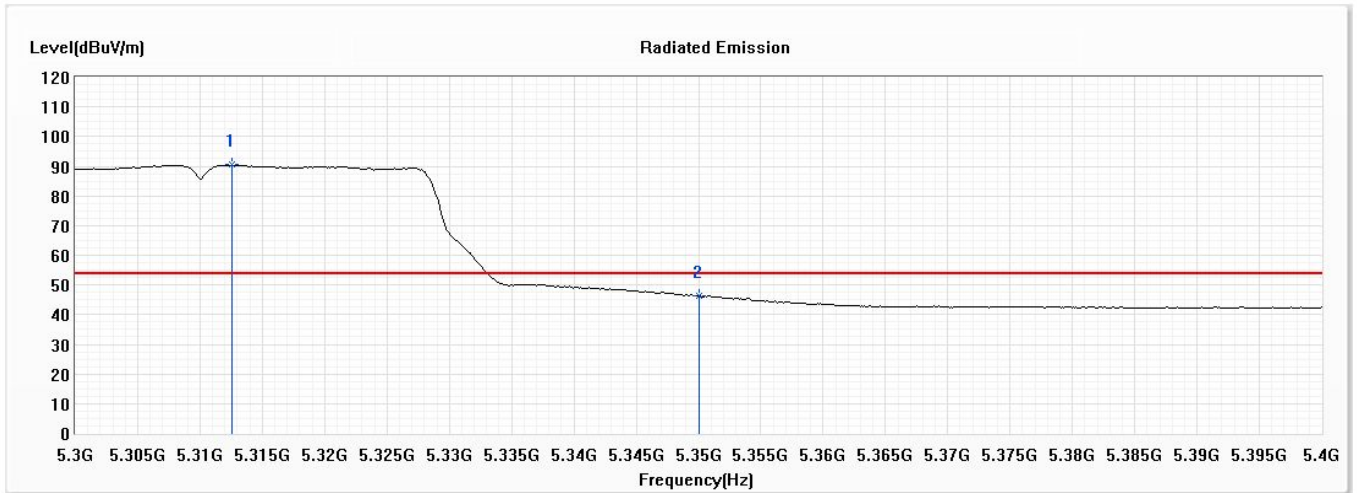
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5311.800	101.40	--	--	83.42	17.98	PK
2	5350.000	58.36	74.00	-15.64	40.42	17.94	PK
3	5354.800	59.54	74.00	-14.46	41.57	17.97	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)  
 Test Date : 2021/02/08

**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5312.600	90.47	--	--	72.49	17.98	AV
2	5350.000	46.35	54.00	-7.65	28.41	17.94	AV

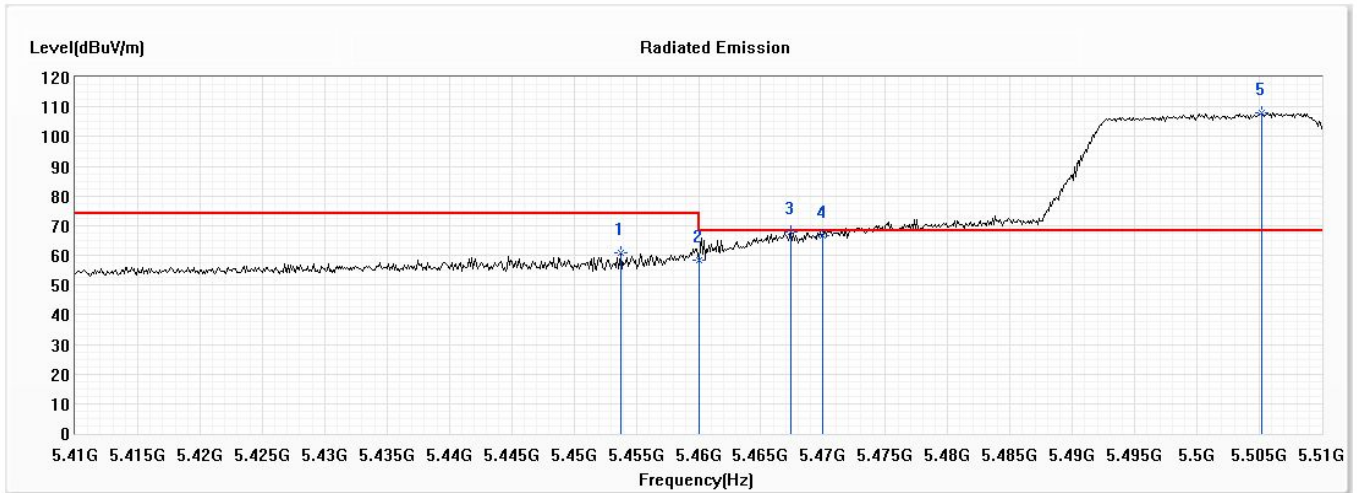
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.



Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2021/02/08

**Horizontal**



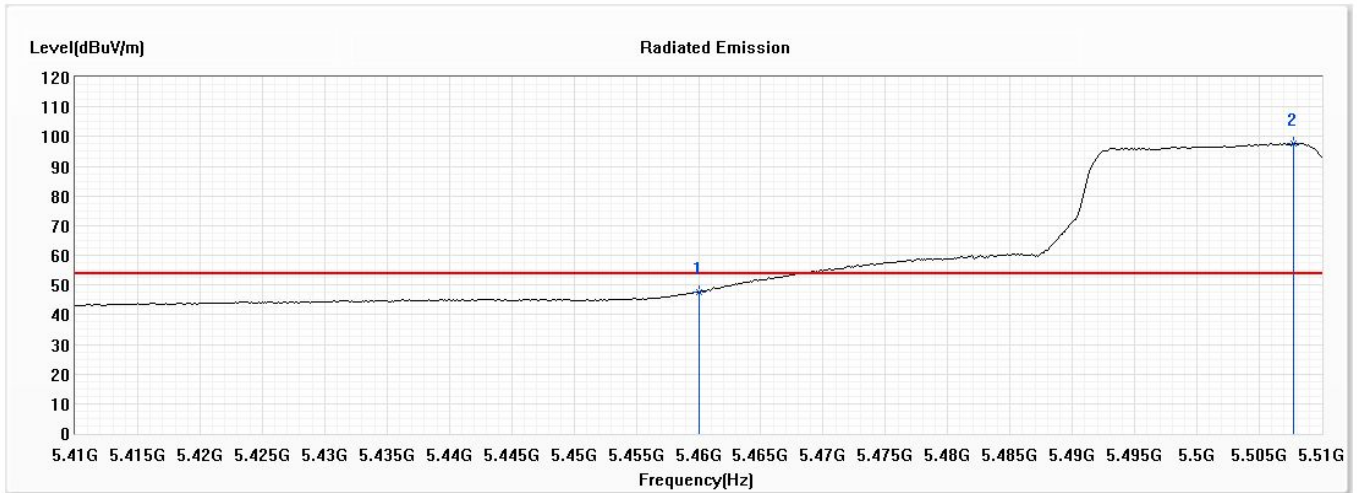
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5453.800	60.84	74.00	-13.16	42.70	18.14	PK
2	5460.000	58.49	74.00	-15.51	40.24	18.25	PK
3	5467.400	67.96	68.22	-0.26	49.59	18.37	PK
4	5470.000	66.64	68.22	-1.58	48.27	18.37	PK
5	5505.200	107.90	--	--	89.38	18.52	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2021/02/08

**Horizontal**



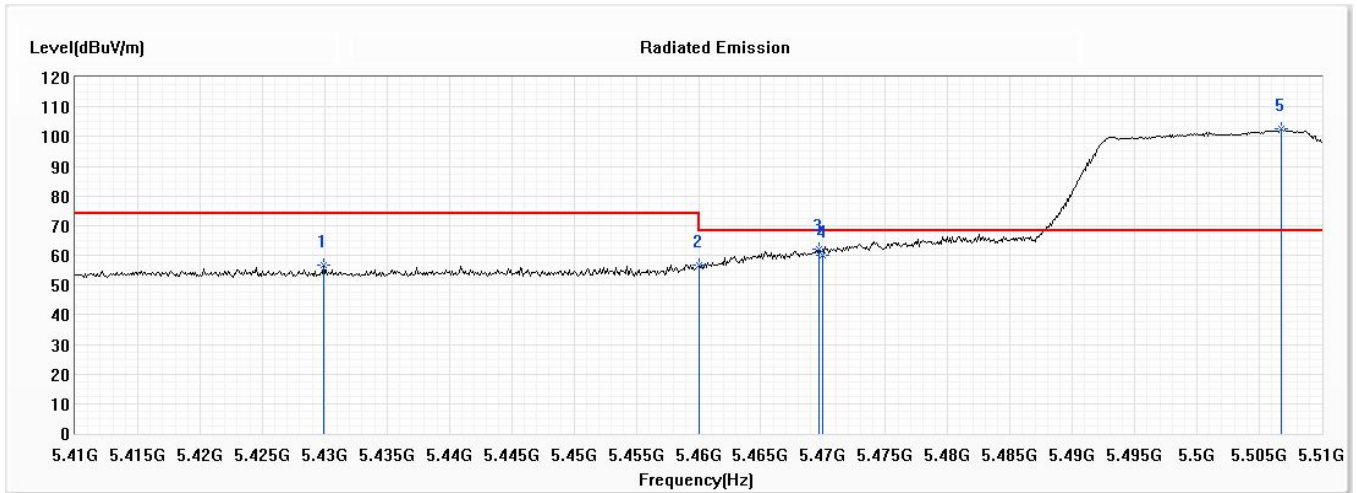
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5460.000	47.60	54.00	-6.40	29.35	18.25	AV
2	5507.700	97.66	--	--	79.17	18.49	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2021/02/08

**Vertical**



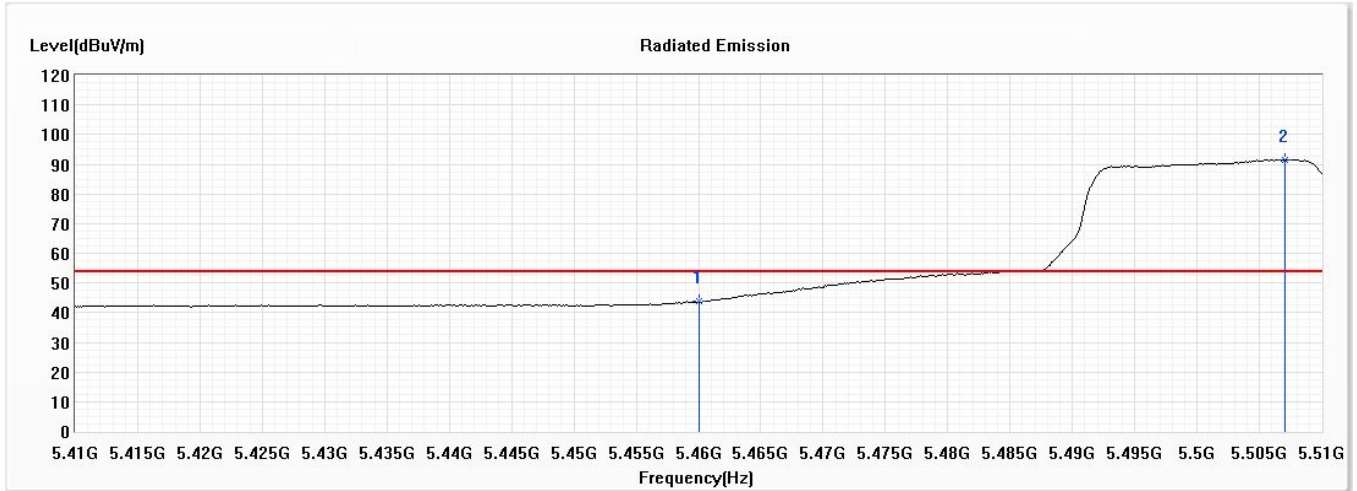
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5429.900	56.57	74.00	-17.43	38.40	18.17	PK
2	5460.000	56.84	74.00	-17.16	38.59	18.25	PK
3	5469.700	62.05	68.22	-6.17	43.68	18.37	PK
4	5470.000	59.97	68.22	-8.25	41.60	18.37	PK
5	5506.800	102.45	--	--	83.95	18.50	PK

**Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2021/02/08

**Vertical**



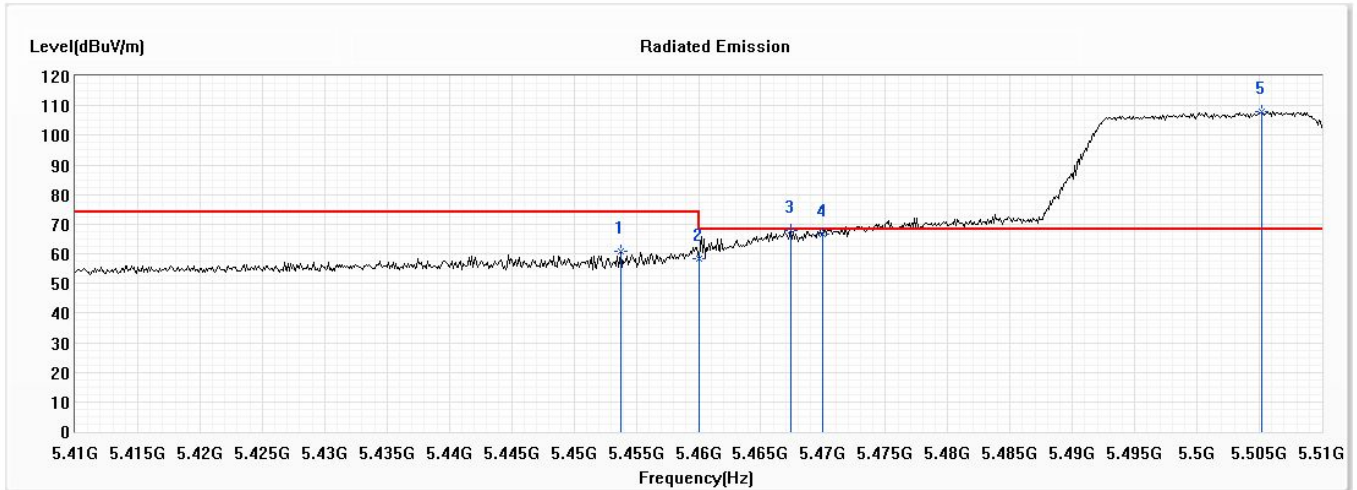
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5460.000	43.66	54.00	-10.34	25.41	18.25	AV
2	5507.100	91.61	--	--	73.12	18.49	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2021/02/08

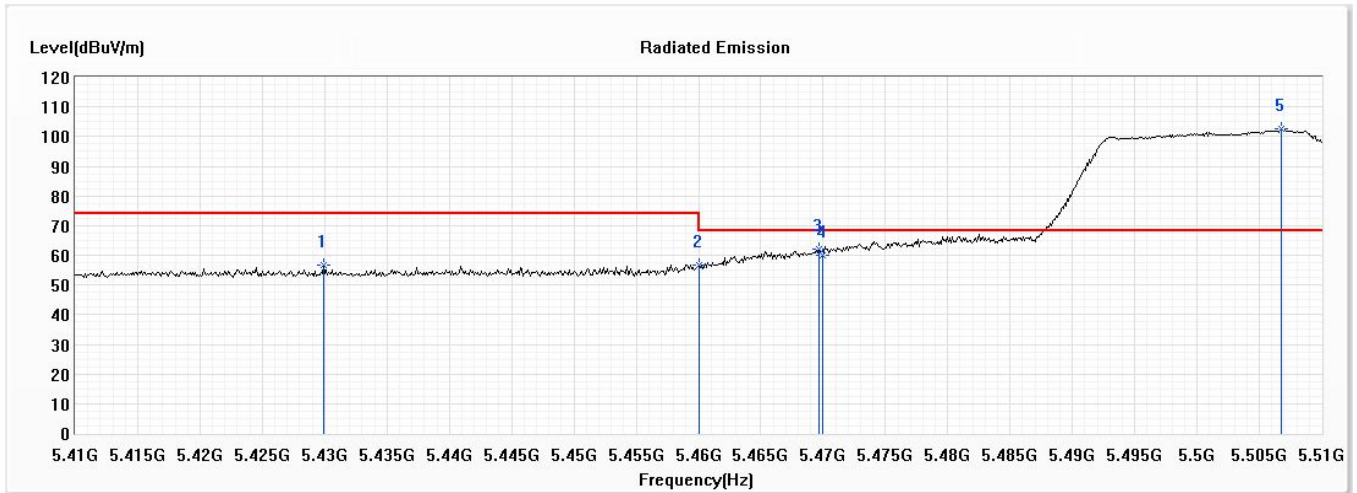
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5453.800	60.84	74.00	-13.16	42.70	18.14	PK
2	5460.000	58.49	74.00	-15.51	40.24	18.25	PK
* 3	5467.400	67.96	68.22	-0.26	49.59	18.37	PK
4	5470.000	66.64	68.22	-1.58	48.27	18.37	PK
5	5505.200	107.90	--	--	89.38	18.52	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2021/02/08

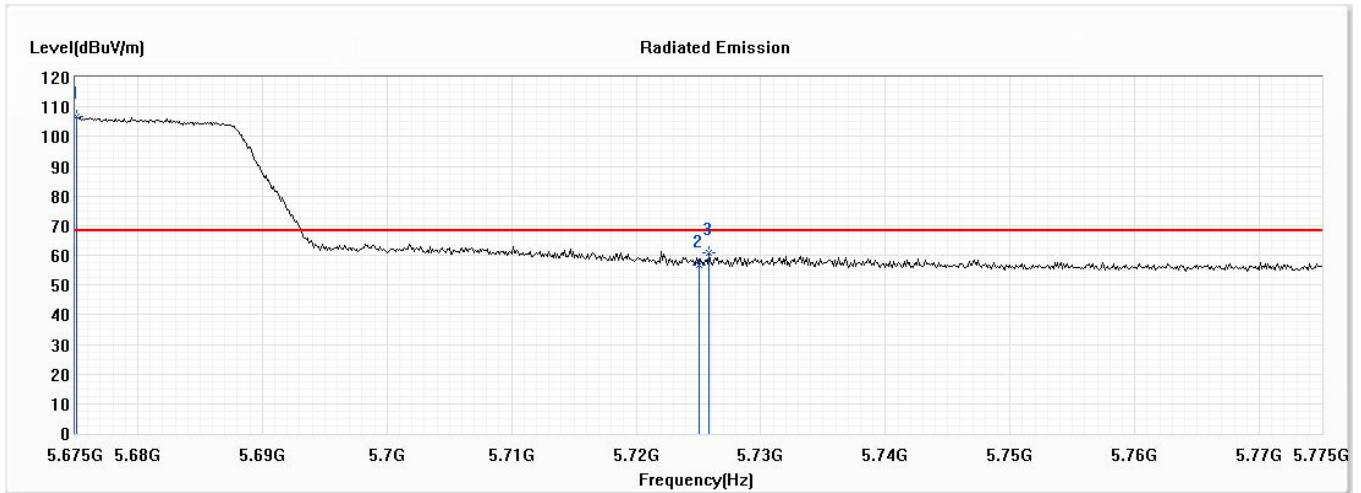
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5429.900	56.57	74.00	-17.43	38.40	18.17	PK
2	5460.000	56.84	74.00	-17.16	38.59	18.25	PK
* 3	5469.700	62.05	68.22	-6.17	43.68	18.37	PK
4	5470.000	59.97	68.22	-8.25	41.60	18.37	PK
5	5506.800	102.45	--	--	83.95	18.50	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5670MHz)  
 Test Date : 2021/02/08

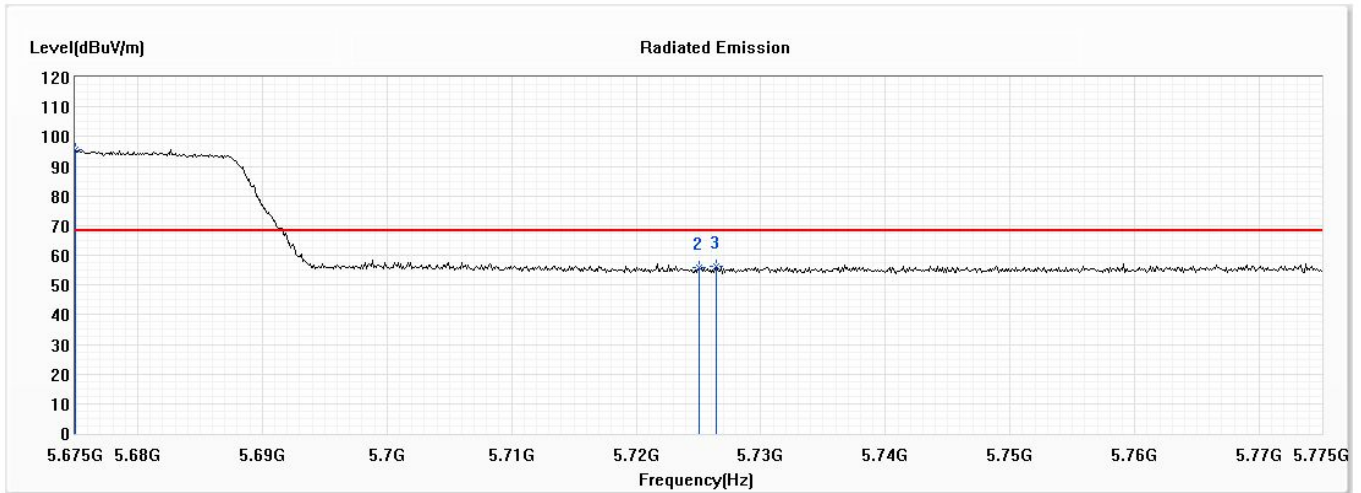
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5675.100	106.68	--	--	88.12	18.56	PK
2	5725.000	56.74	68.22	-11.48	37.90	18.84	PK
* 3	5725.800	60.97	68.22	-7.25	42.13	18.84	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5670MHz)  
 Test Date : 2021/02/08

**Vertical**

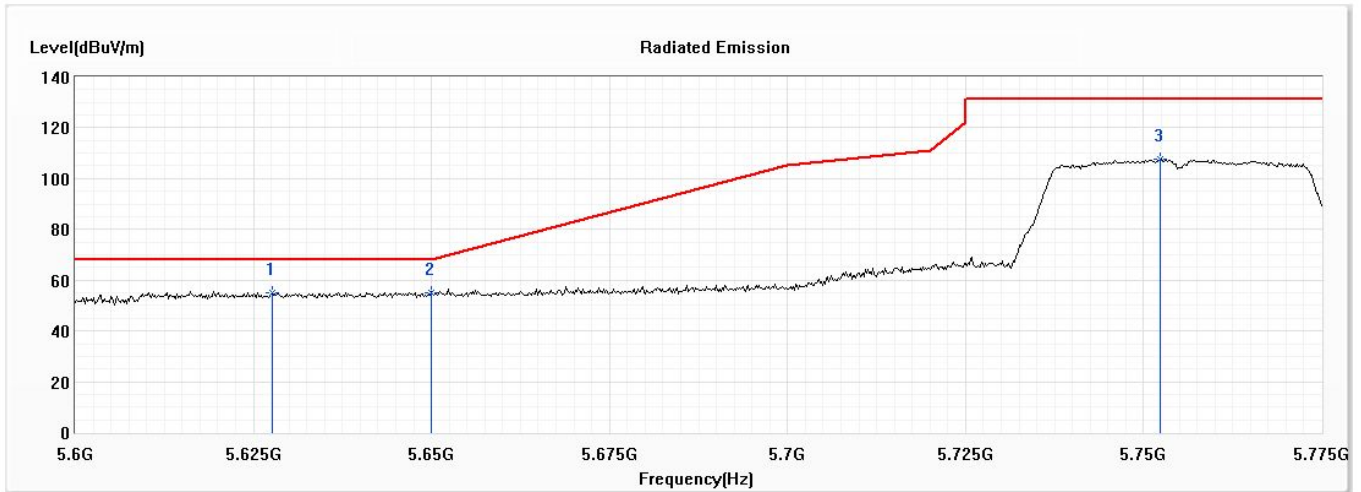


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5675.000	95.62	--	--	77.06	18.56	PK
2	5725.000	55.94	68.22	-12.28	37.10	18.84	PK
* 3	5726.400	56.46	68.22	-11.76	37.63	18.83	PK



Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)  
 Test Date : 2021/02/08

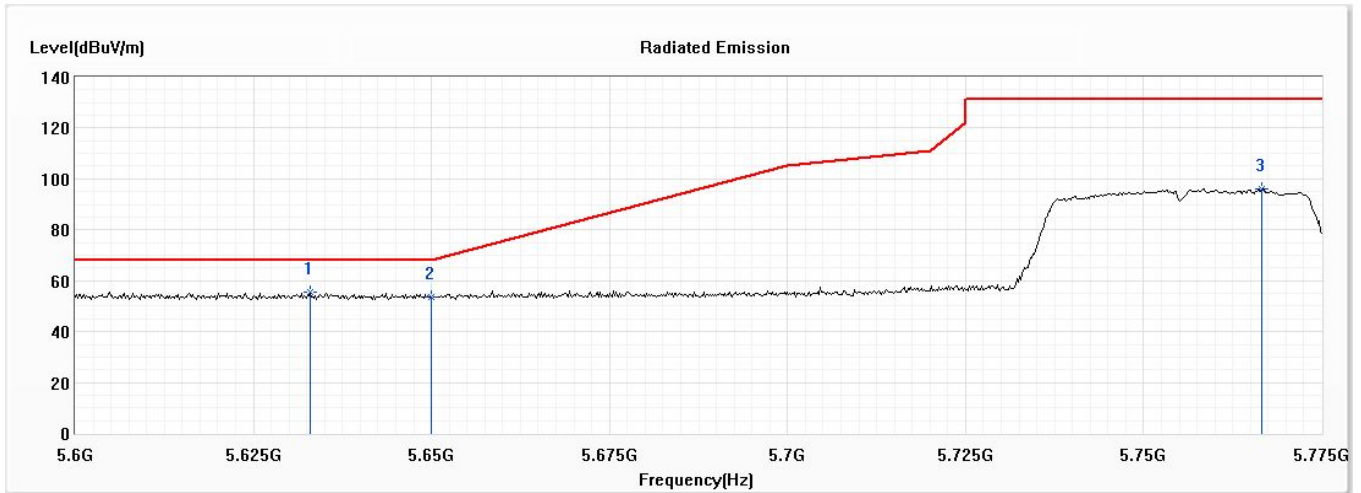
**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5627.650	55.20	68.22	-13.02	36.79	18.41	PK
2	5650.000	55.03	68.22	-13.19	36.68	18.35	PK
3	5752.250	107.69	--	--	88.97	18.72	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)  
 Test Date : 2021/02/08

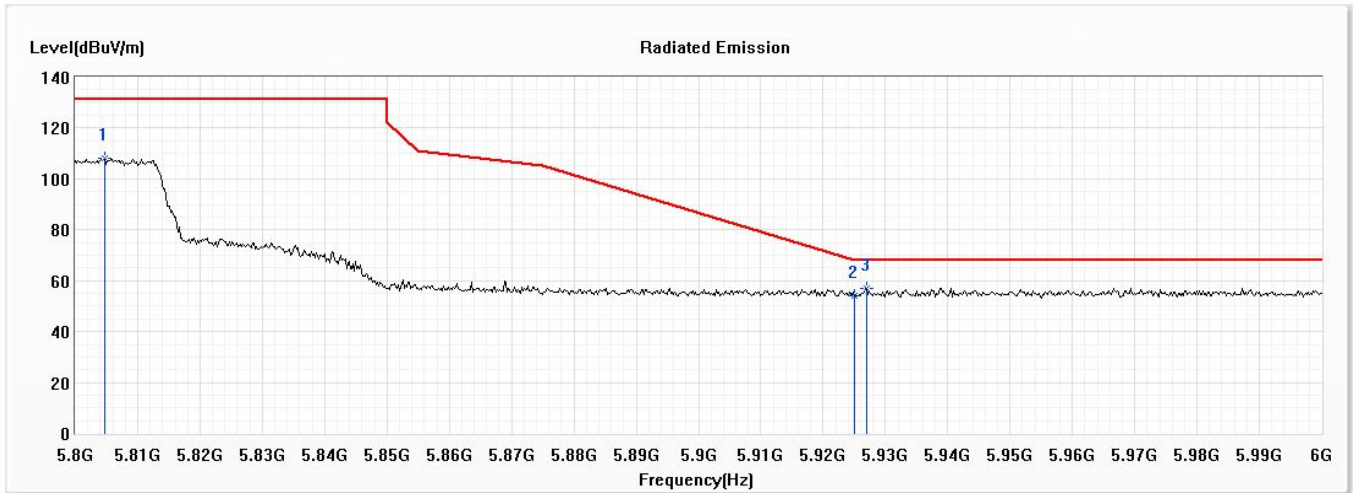
**Vertical**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
* 1	5632.900	55.64	68.22	-12.58	37.28	18.36	PK
2	5650.000	53.61	68.22	-14.61	35.26	18.35	PK
3	5766.600	96.16	--	--	77.34	18.82	PK

Product : PanaCast 50  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5795MHz)  
 Test Date : 2021/02/08

**Horizontal**



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	5804.800	108.09	--	--	89.02	19.07	PK
2	5925.000	53.95	68.22	-14.27	34.72	19.23	PK
* 3	5927.000	56.98	68.22	-11.24	37.75	19.23	PK