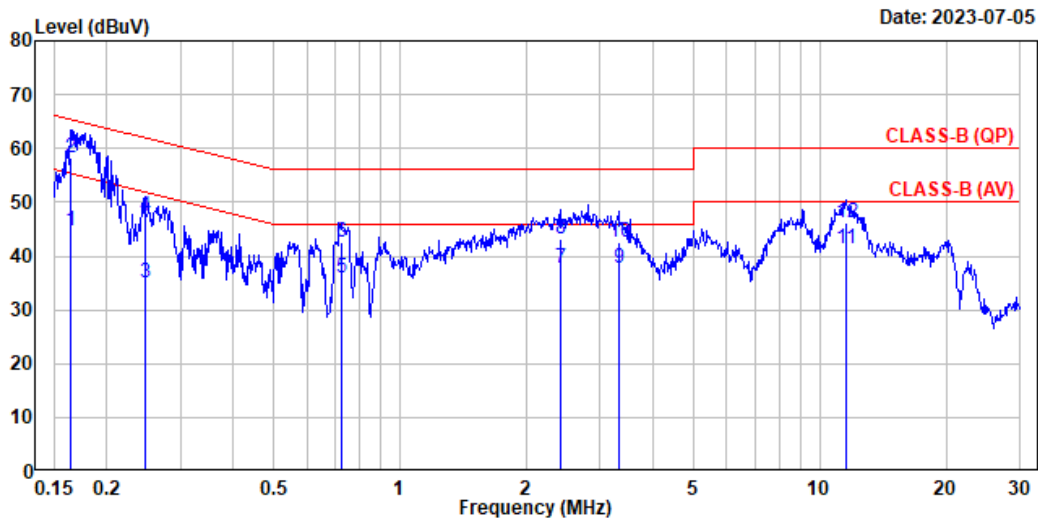


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## A.1 CONDUCTED EMISSION

Test Date	2023/07/05	Temp./Hum.	25°C/60%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Bruce Tseng

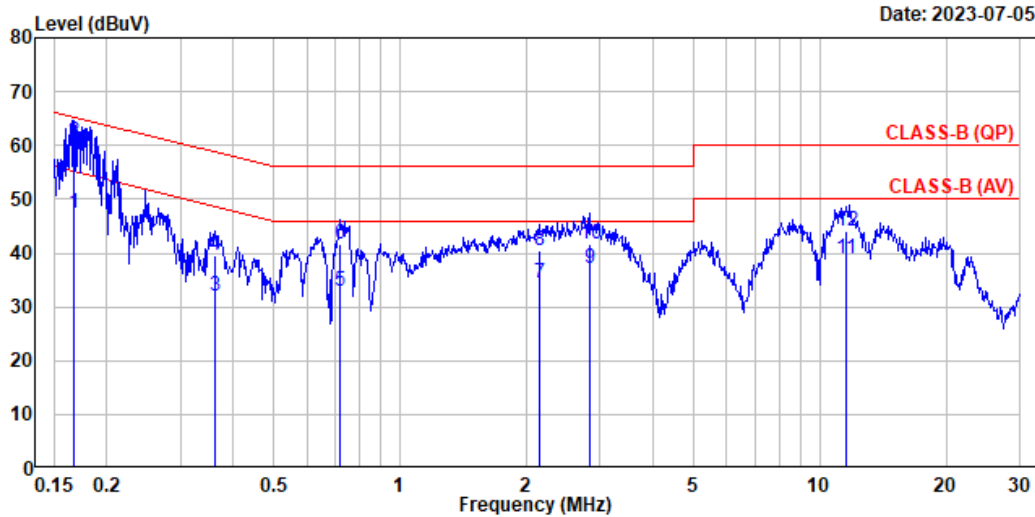


Site No.	: No.8 Shielded Room	Data No.	: 2
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 25°C/60%	Test Rating	: 120Vac/60Hz
EUT Model	: 17Z90R	Engineer	: Bruce
Test Mode	: operating		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.164	10.30	0.03	9.85	24.60	44.78	55.25	10.47	Average
2	0.164	10.30	0.03	9.85	38.04	58.22	65.25	7.03	QP
3	0.247	10.29	0.03	9.85	14.86	35.03	51.86	16.83	Average
4	0.247	10.29	0.03	9.85	27.21	47.38	61.86	14.48	QP
5	0.725	10.29	0.04	9.85	15.64	35.82	46.00	10.18	Average
6	0.725	10.29	0.04	9.85	22.49	42.67	56.00	13.33	QP
7	2.409	10.33	0.07	9.86	17.40	37.66	46.00	8.34	Average
8	2.409	10.33	0.07	9.86	22.77	43.03	56.00	12.97	QP
9	3.314	10.35	0.07	9.86	17.38	37.66	46.00	8.34	Average
10	3.314	10.35	0.07	9.86	22.39	42.67	56.00	13.33	QP
11	11.521	10.65	0.15	9.90	20.52	41.22	50.00	8.78	Average
12	11.521	10.65	0.15	9.90	25.48	46.18	60.00	13.82	QP

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

Test Date	2023/07/05	Temp./Hum.	25°C/60%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Bruce Tseng



Site No.	: No.8 Shielded Room	Data No.	: 1
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 25°C/60%	Test Rating	: 120Vac/60Hz
EUT Model	: 17290R	Engineer	: Bruce
Test Mode	: operating		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.167	10.29	0.03	9.85	27.13	47.30	55.13	7.83	Average
2	0.167	10.29	0.03	9.85	40.65	60.82	65.13	4.31	QP
3	0.362	10.27	0.03	9.85	11.75	31.90	48.67	16.77	Average
4	0.362	10.27	0.03	9.85	19.51	39.66	58.67	19.01	QP
5	0.717	10.28	0.04	9.85	12.61	32.78	46.00	13.22	Average
6	0.717	10.28	0.04	9.85	21.47	41.64	56.00	14.36	QP
7	2.148	10.30	0.06	9.86	14.30	34.52	46.00	11.48	Average
8	2.148	10.30	0.06	9.86	20.23	40.45	56.00	15.55	QP
9	2.825	10.31	0.07	9.86	16.82	37.06	46.00	8.94	Average
10	2.825	10.31	0.07	9.86	21.48	41.72	56.00	14.28	QP
11	11.521	10.51	0.15	9.90	18.27	38.83	50.00	11.17	Average
12	11.521	10.51	0.15	9.90	23.37	43.93	60.00	16.07	QP

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

## A.2 RADIATED EMISSION

Test Date	2023/06/26~07/03	Temp./Hum.	22~23°C/49~56%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Ryan Chiang

### 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.**

#### A.2.1.2 Frequency Below 1GHz

Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6025MHz

#### Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
31.746	22.92	1.24	26.52	35.11	32.75	40.00	7.25	Peak
59.876	12.42	1.74	26.44	36.29	24.01	40.00	15.99	Peak
111.674	17.57	2.44	26.23	33.46	27.23	43.50	16.27	Peak
257.368	18.61	3.95	25.72	34.46	31.30	46.00	14.70	Peak
582.124	24.25	6.70	27.37	33.35	36.93	46.00	9.07	Peak
977.302	26.87	9.15	26.82	31.59	40.80	54.00	13.20	Peak

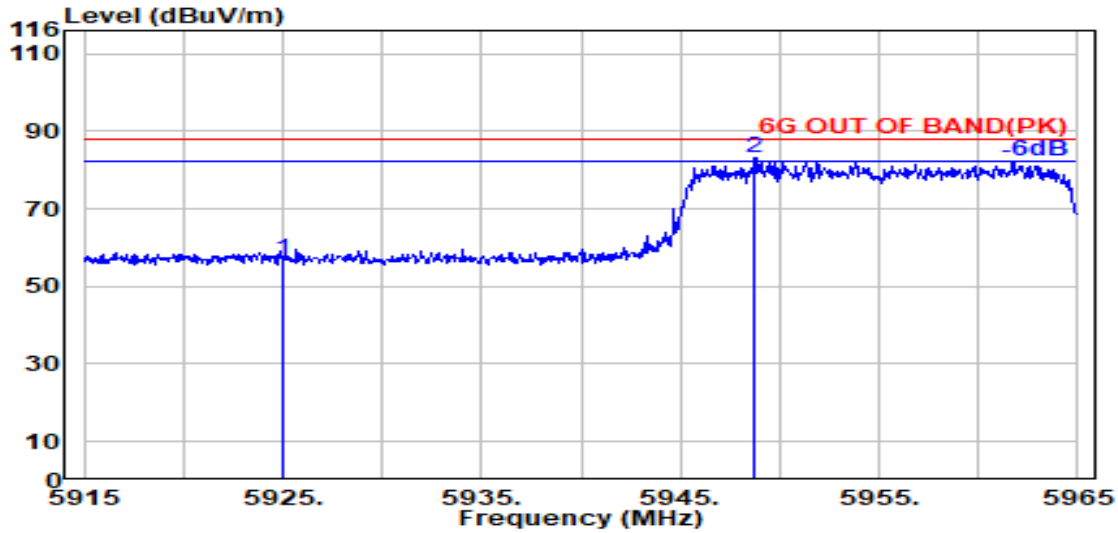
#### Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.656	22.36	1.29	26.51	34.74	31.88	40.00	8.12	Peak
61.622	12.35	1.77	26.44	46.73	34.42	40.00	5.58	Peak
106.048	17.23	2.37	26.27	41.29	34.63	43.50	8.87	Peak
217.210	16.51	3.57	25.78	35.51	29.82	46.00	16.18	Peak
366.202	20.91	5.16	26.25	37.32	37.14	46.00	8.86	Peak
977.884	26.88	9.15	26.82	31.73	40.94	54.00	13.06	Peak

A.2.1.3 Band Edge

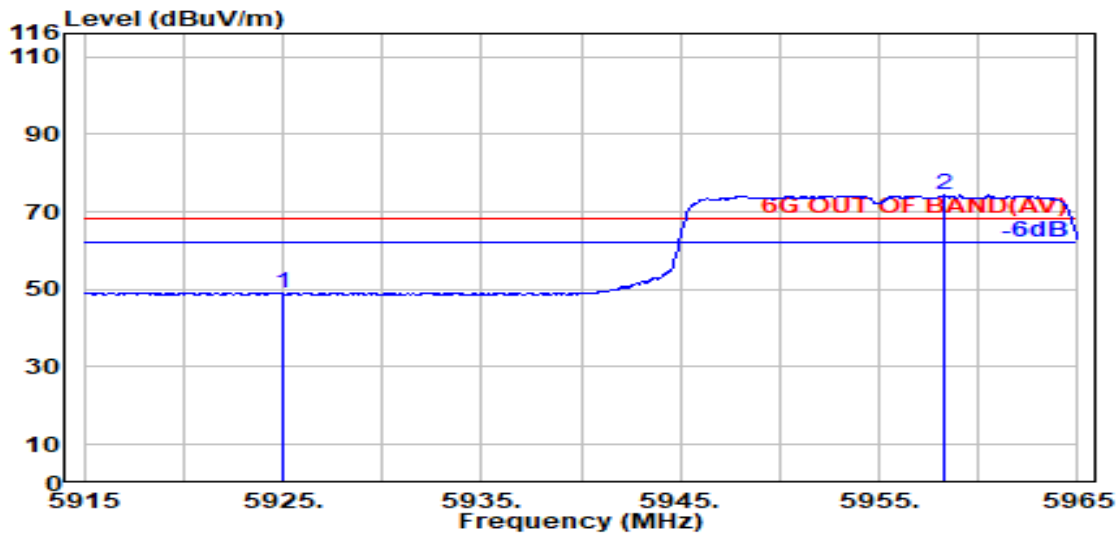
- OFDM Modulation

Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.74	56.89	88.20	31.31	Peak
@ 5948.700	34.29	9.31	39.35	78.97	83.22	---	---	Peak

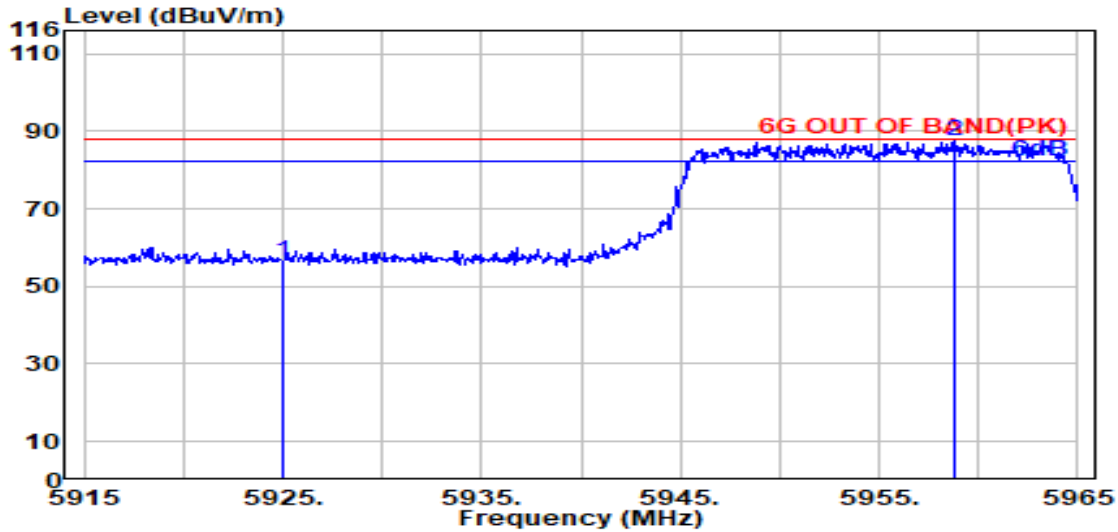


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.72	42.88	68.20	25.32	Average
@ 5958.250	34.28	9.31	39.35	70.10	73.60	---	---	Average

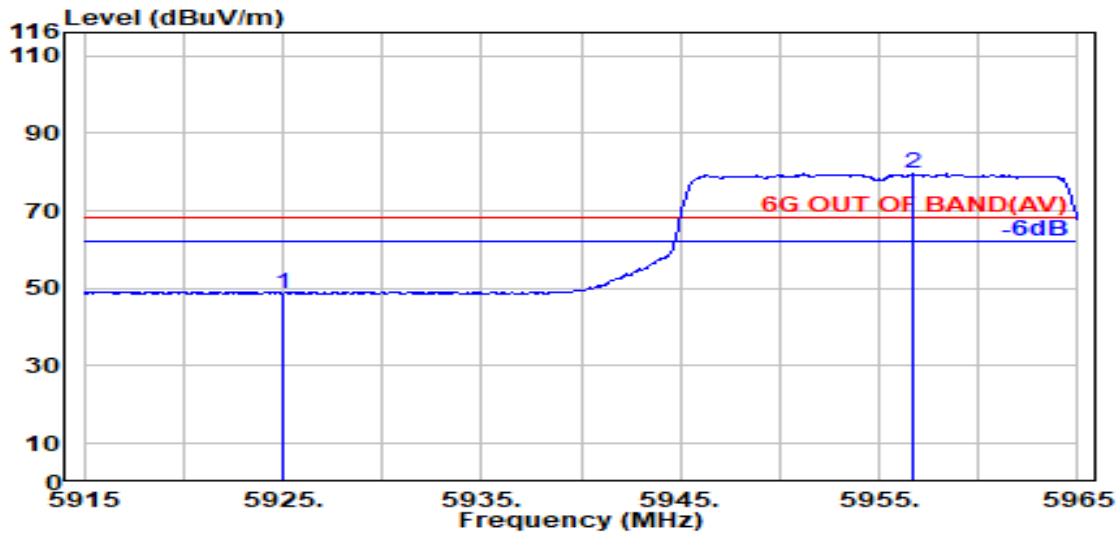
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.14	56.29	88.20	31.91	Peak
@ 5958.850	34.28	9.31	39.35	83.13	87.37	---	---	Peak

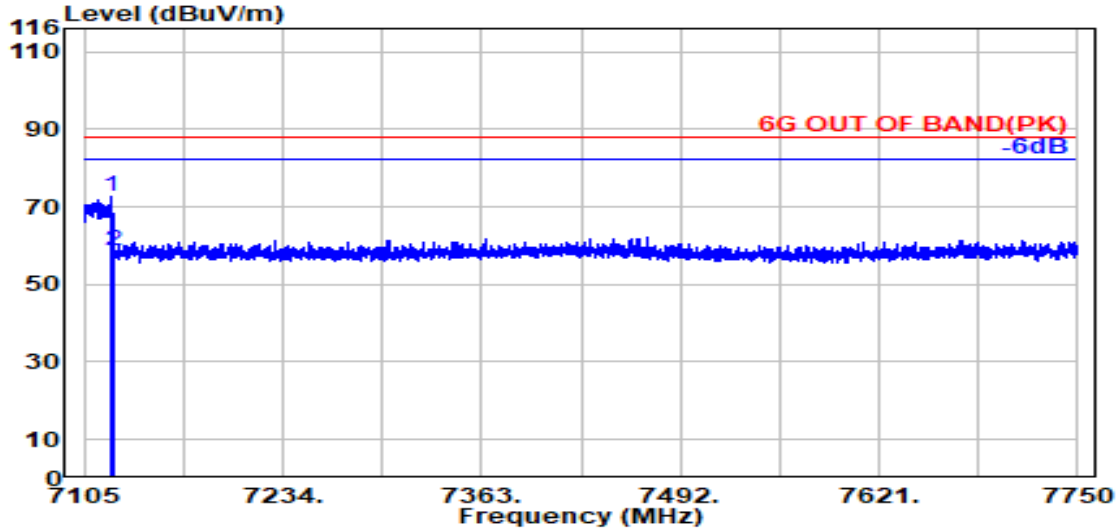


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.59	48.74	68.20	19.46	Average
@ 5956.750	34.29	9.31	39.35	75.30	79.54	---	---	Average

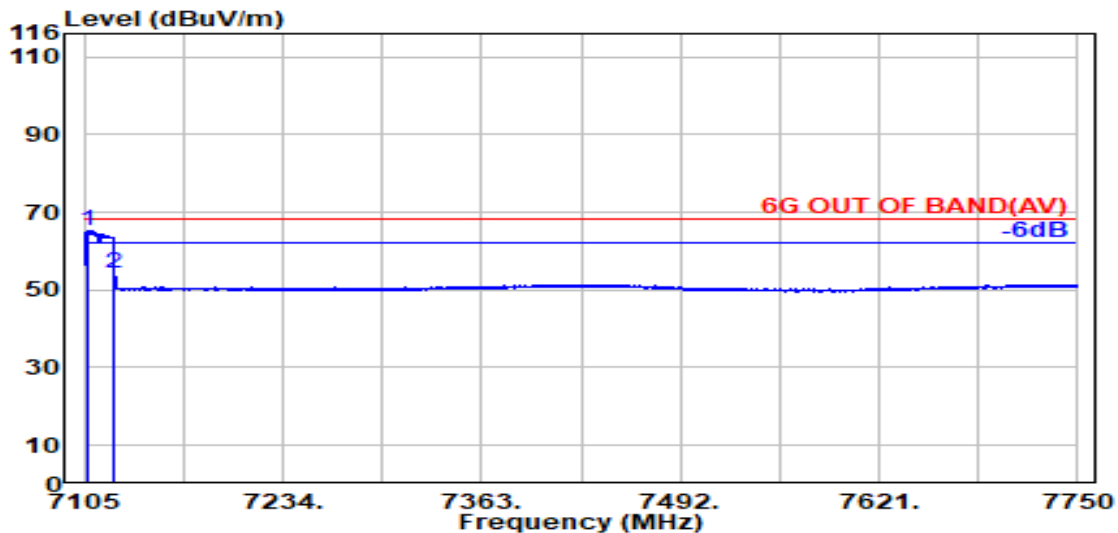
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7122.200	35.89	9.82	39.50	66.26	72.47	---	---	Peak
7125.000	35.90	9.82	39.50	52.59	58.81	88.20	29.39	Peak

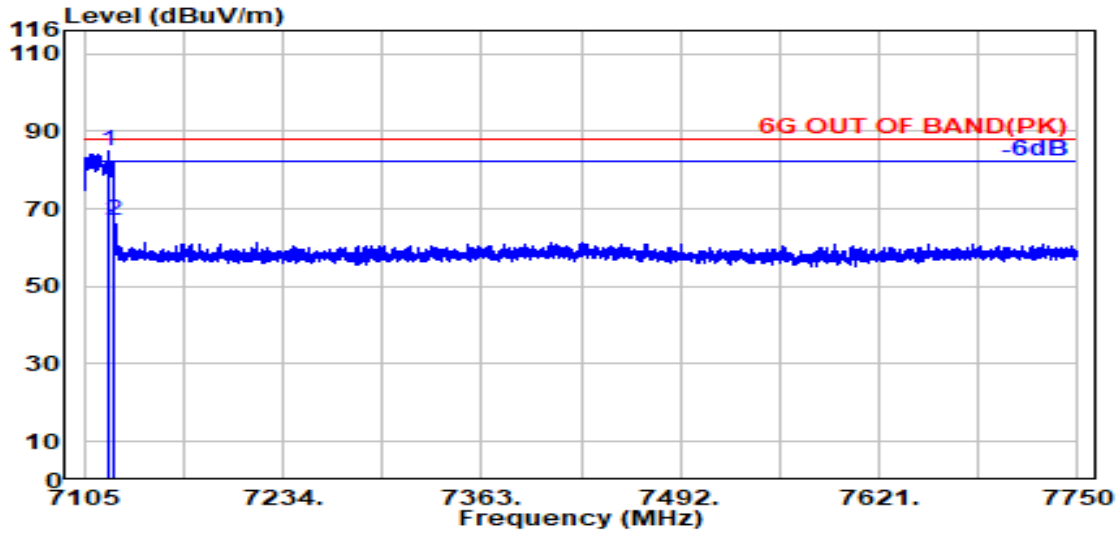


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7106.700	35.83	9.81	39.50	58.98	65.12	---	---	Average
7125.000	35.90	9.82	39.50	48.11	54.33	68.20	13.87	Average

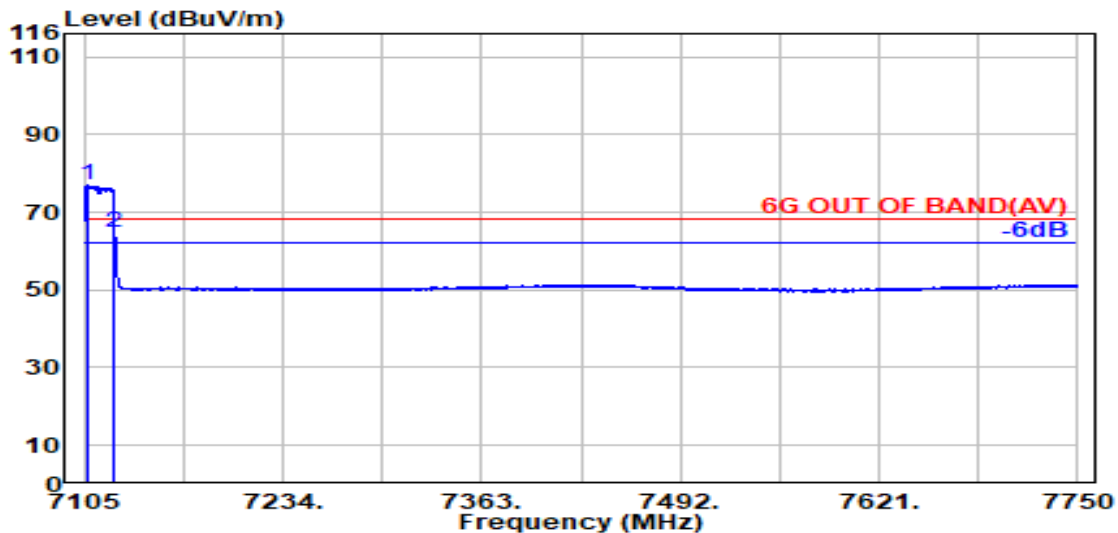
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7120.500	35.88	9.82	39.50	78.57	84.77	---	---	Peak
7125.000	35.90	9.82	39.50	60.89	67.12	88.20	21.08	Peak



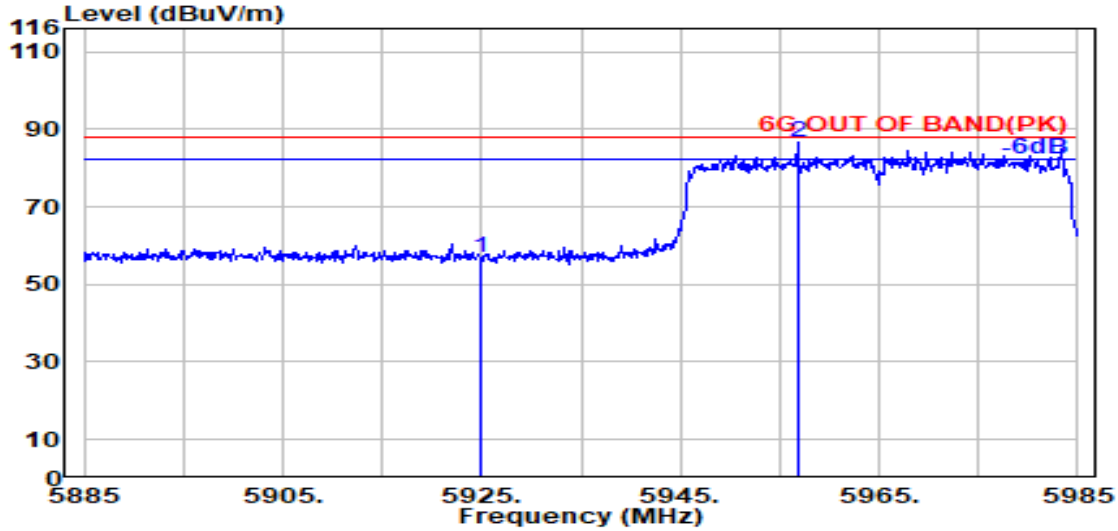
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7107.400	35.83	9.81	39.50	70.88	77.02	---	---	Average
7125.000	35.90	9.82	39.50	58.75	64.97	68.20	3.23	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

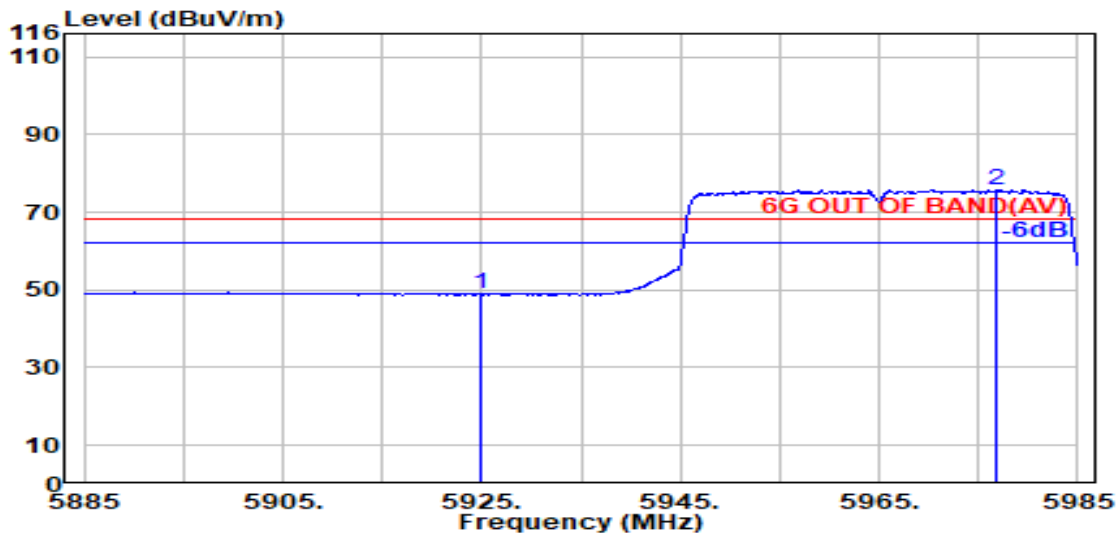


Mode	802.11ax-HE40	U-NII Band	5
		Frequency	TX 5965MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.69	56.84	88.20	31.36	Peak
@ 5956.900	34.29	9.31	39.35	82.32	86.56	---	---	Peak

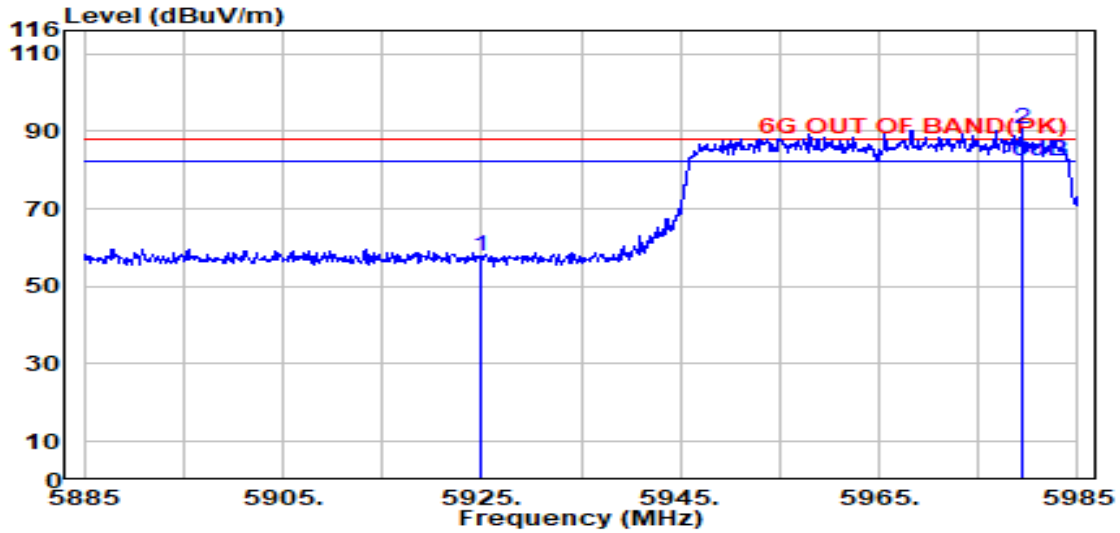


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.69	48.84	68.20	19.36	Average
@ 5976.900	34.25	9.32	39.36	71.65	75.86	---	---	Average

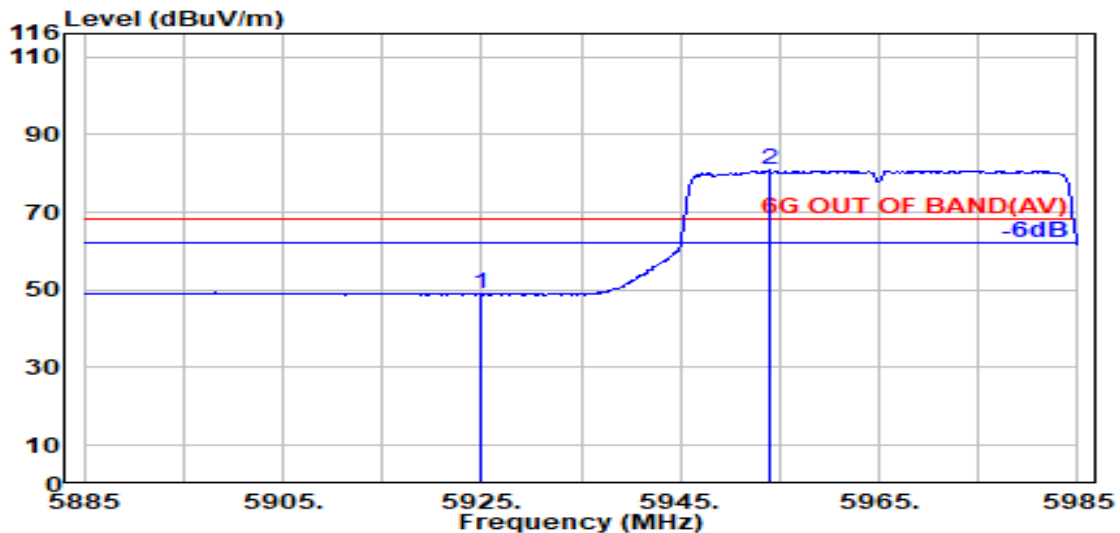
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE40	U-NII Band	5
		Frequency	TX 5965MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	53.59	57.74	88.20	30.46	Peak
@ 5979.300	34.24	9.32	39.36	86.21	90.41	---	---	Peak

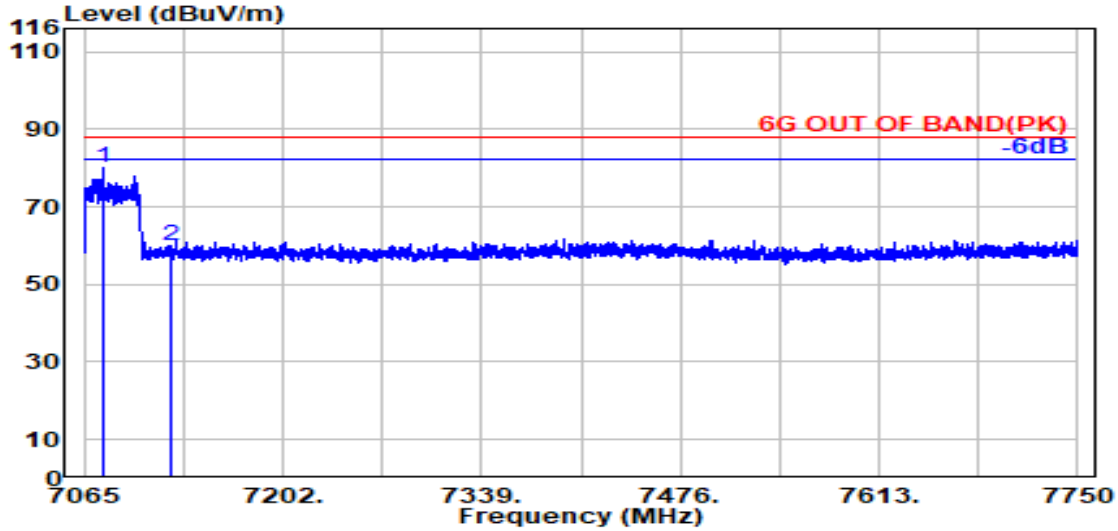


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.74	48.88	68.20	19.32	Average
@ 5953.900	34.29	9.31	39.35	76.60	80.85	---	---	Average

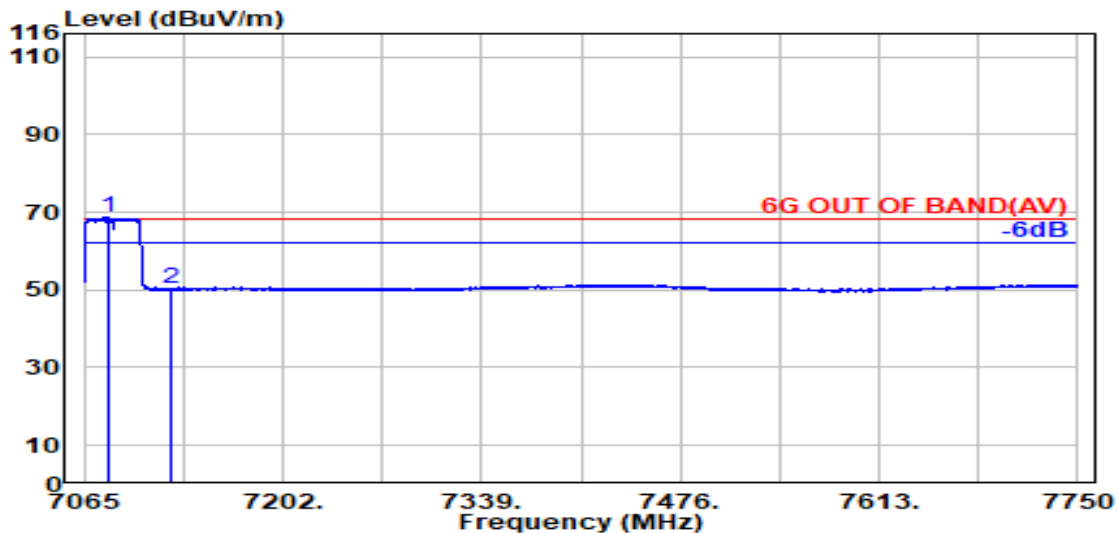
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7078.200	35.71	9.78	39.49	74.01	80.02	---	---	Peak
7125.000	35.90	9.82	39.50	53.53	59.75	88.20	28.45	Peak

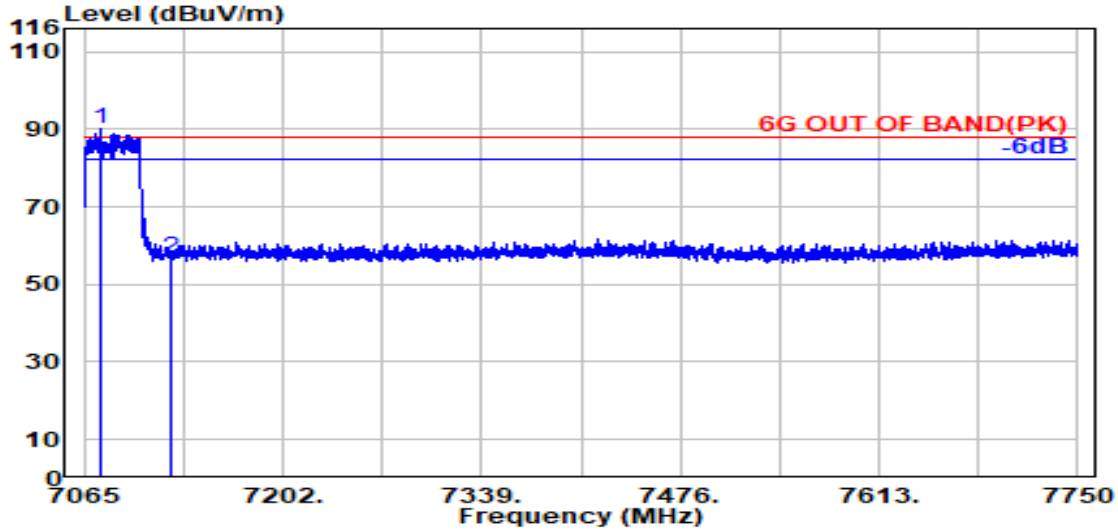


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7081.000	35.72	9.78	39.49	62.77	68.79	---	---	Average
7125.000	35.90	9.82	39.50	43.98	50.20	68.20	18.00	Average

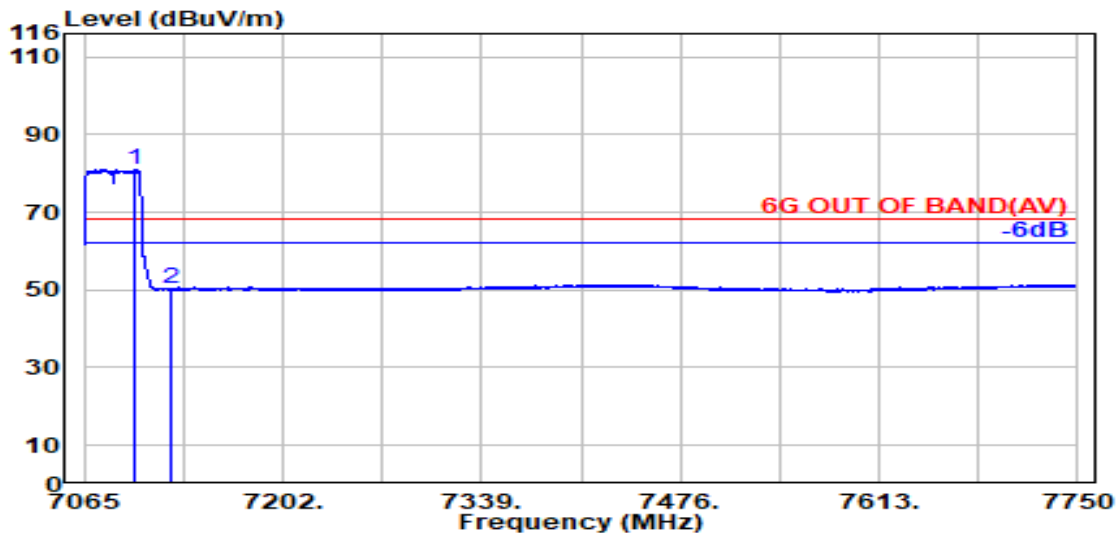
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7077.000	35.71	9.78	39.49	84.09	90.09	---	---	Peak
7125.000	35.90	9.82	39.50	50.62	56.84	88.20	31.36	Peak

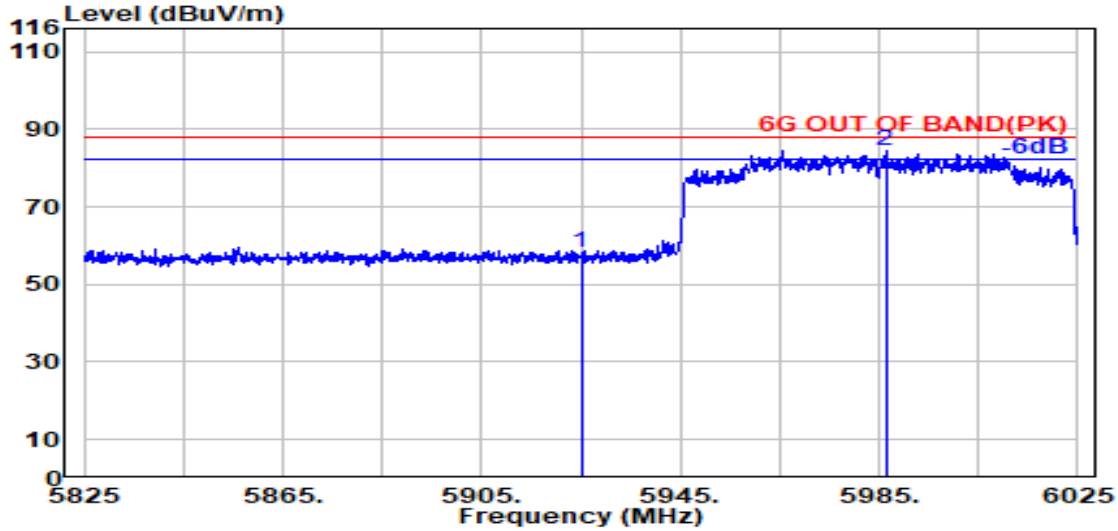


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7099.400	35.80	9.80	39.49	74.77	80.88	---	---	Average
7125.000	35.90	9.82	39.50	44.03	50.26	68.20	17.94	Average

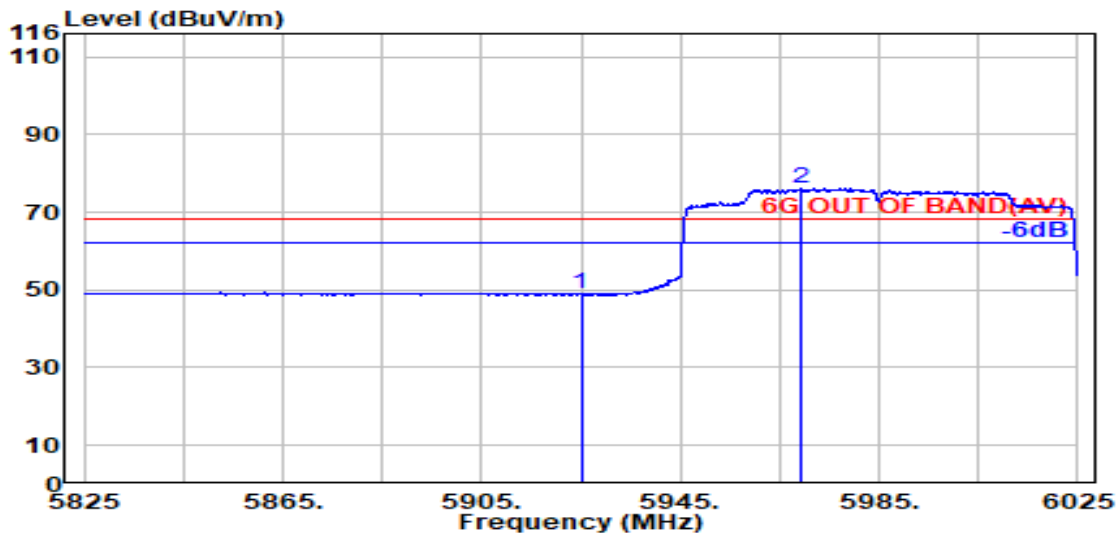
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	53.97	58.11	88.20	30.09	Peak
@ 5986.300	34.23	9.32	39.36	80.43	84.62	---	---	Peak

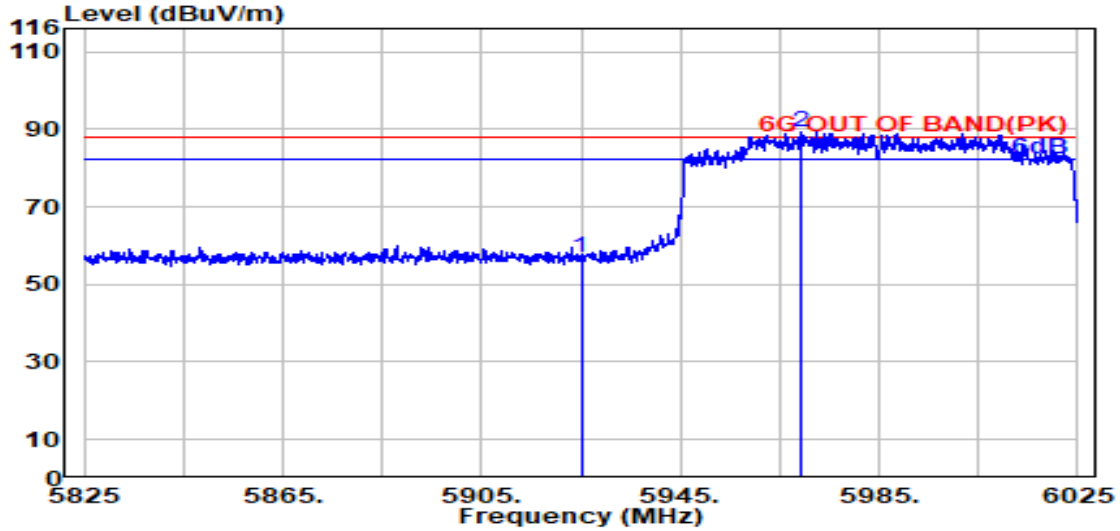


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.69	48.83	68.20	19.37	Average
@ 5969.400	34.26	9.32	39.35	71.92	76.14	---	---	Average

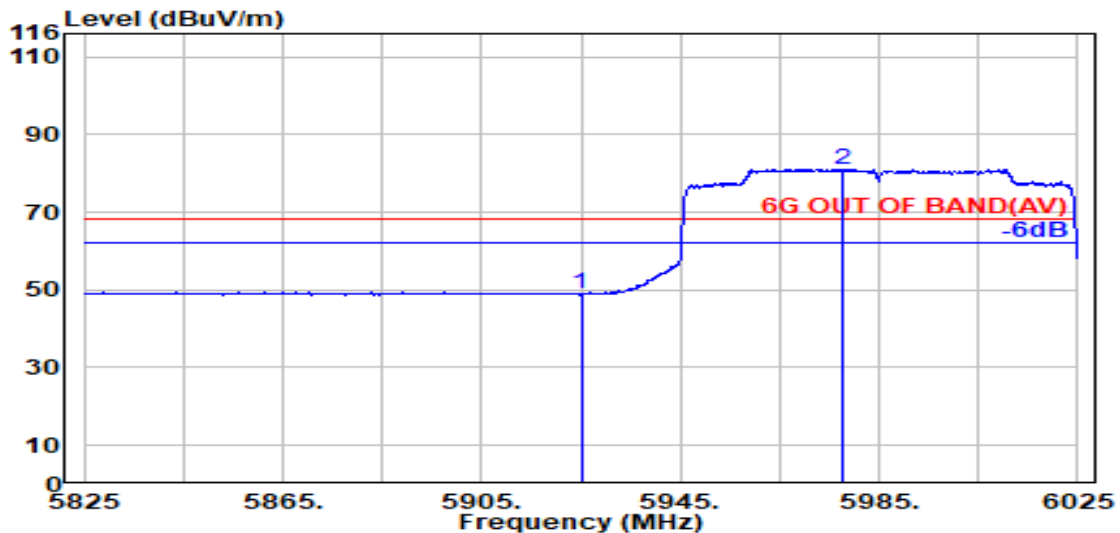
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.83	56.97	88.20	31.23	Peak
@ 5969.400	34.26	9.32	39.35	84.91	89.14	---	---	Peak

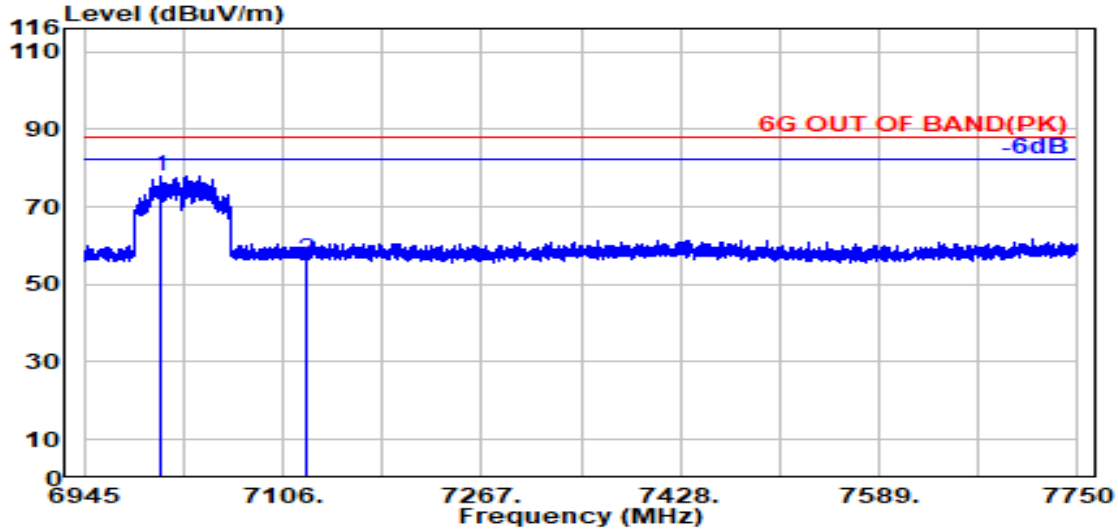


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.75	48.90	68.20	19.30	Average
@ 5977.600	34.24	9.32	39.36	76.97	81.18	---	---	Average

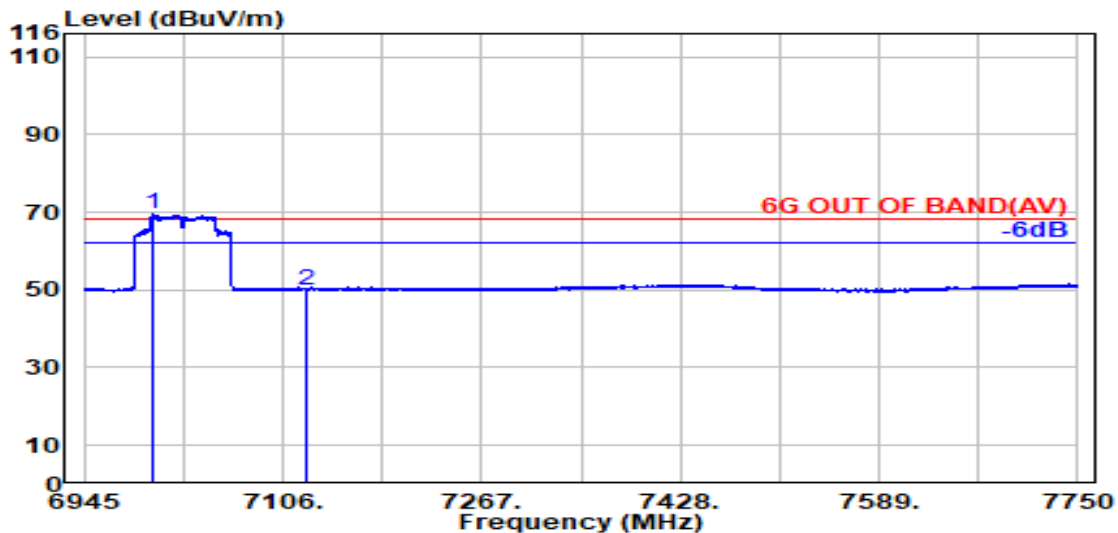
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	8
		Frequency	TX 7025MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7007.100	35.51	9.72	39.47	72.31	78.07	---	---	Peak
7125.000	35.90	9.82	39.50	50.31	56.54	88.20	31.66	Peak

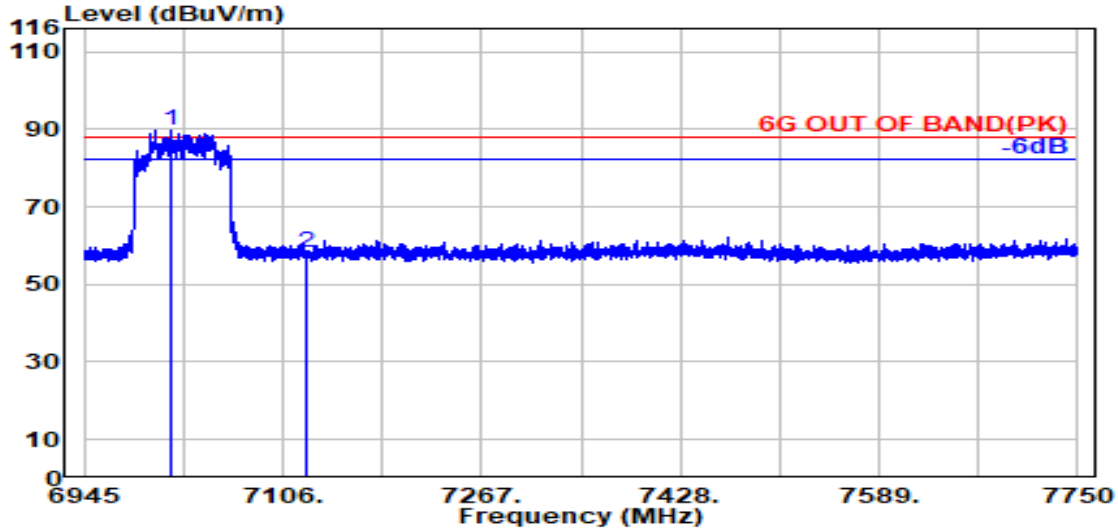


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7001.300	35.50	9.71	39.47	63.66	69.41	---	---	Average
7125.000	35.90	9.82	39.50	43.81	50.03	68.20	18.17	Average

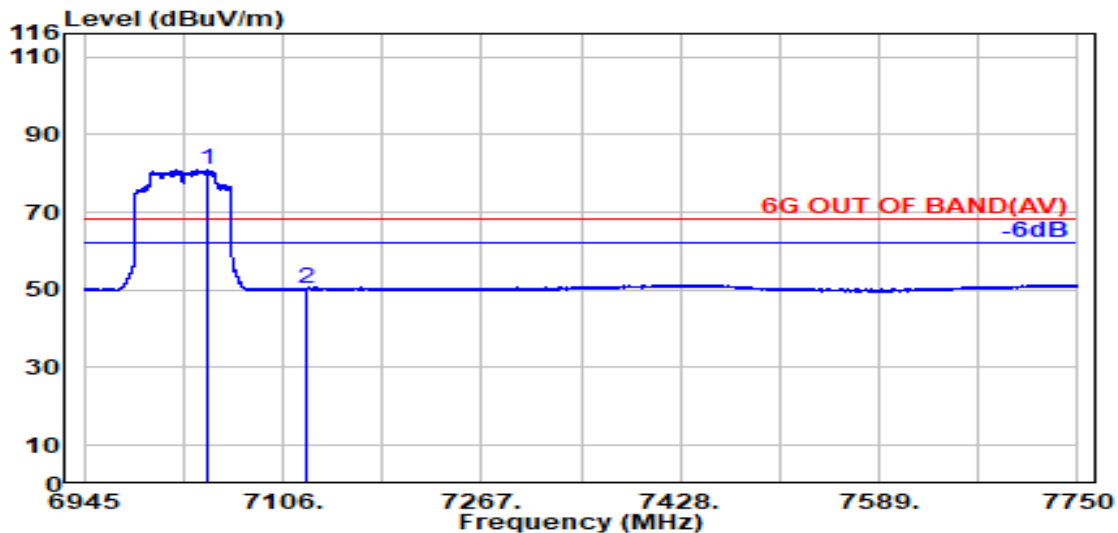
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	8
		Frequency	TX 7025MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7015.100	35.53	9.72	39.47	84.13	89.91	---	---	Peak
7125.000	35.90	9.82	39.50	51.98	58.20	88.20	30.00	Peak



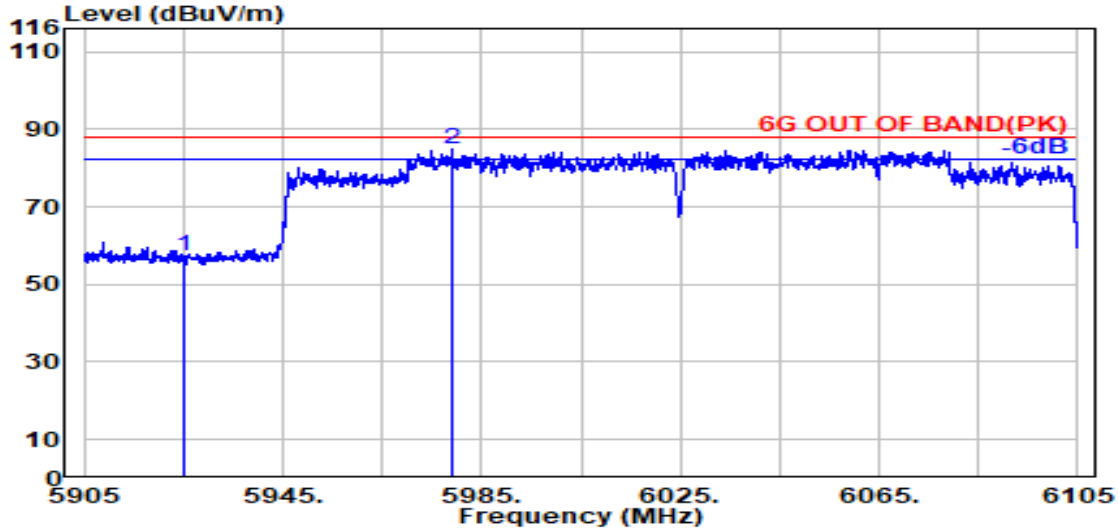
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7044.200	35.59	9.75	39.48	74.97	80.83	---	---	Average
7125.000	35.90	9.82	39.50	44.08	50.30	68.20	17.90	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

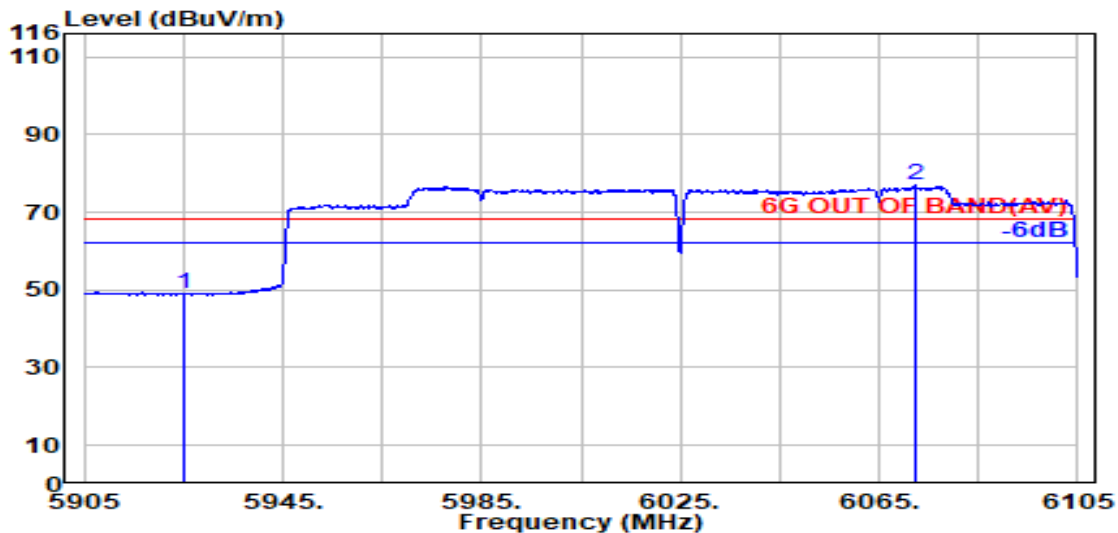


Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6025MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	53.05	57.20	88.20	31.00	Peak
@ 5979.200	34.24	9.32	39.36	80.69	84.89	---	---	Peak

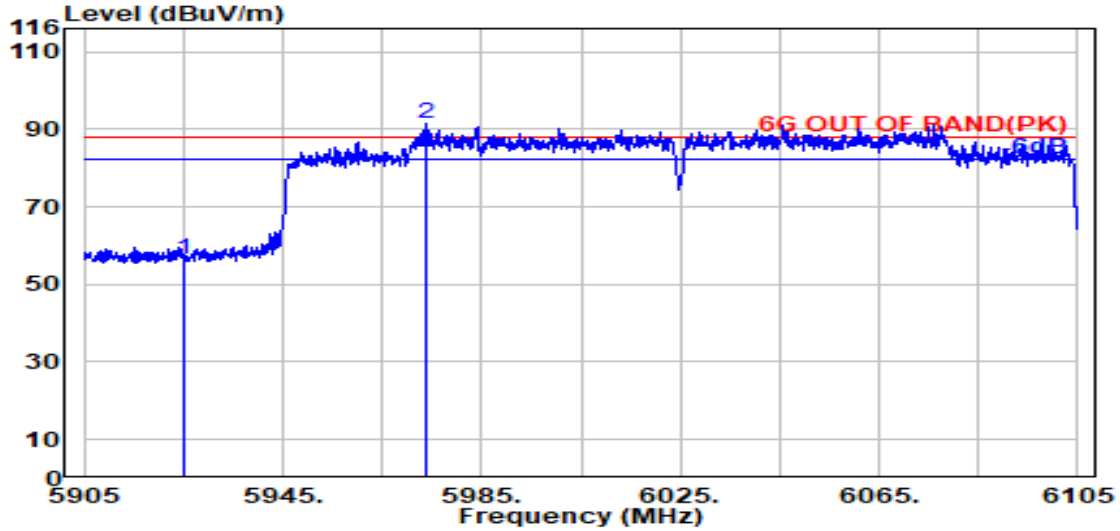


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.78	48.93	68.20	19.27	Average
@ 6072.100	34.24	9.36	39.37	72.64	76.87	---	---	Average

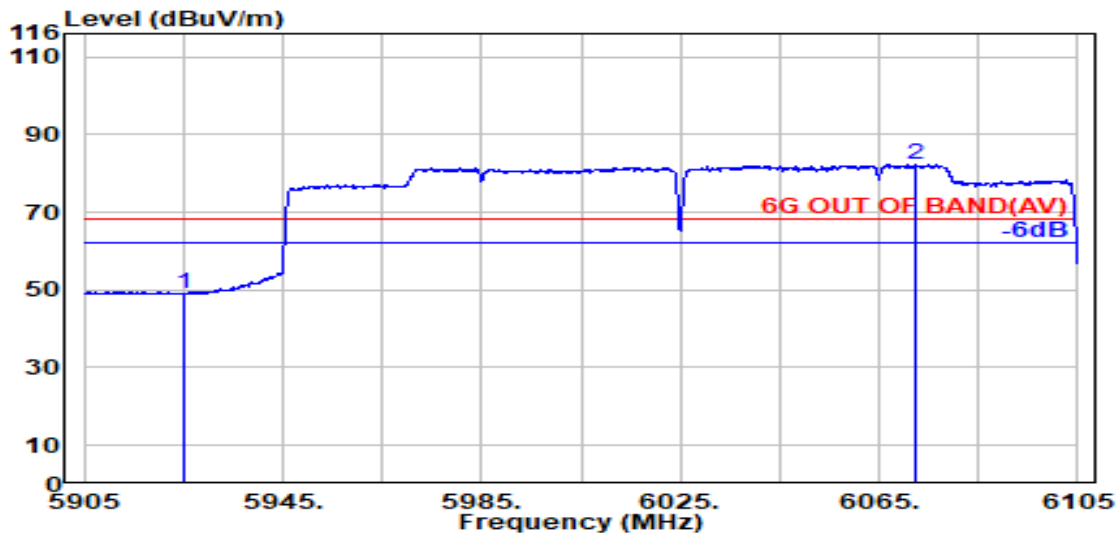
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6025MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.45	56.60	88.20	31.60	Peak
@ 5973.700	34.25	9.32	39.35	87.41	91.63	---	---	Peak

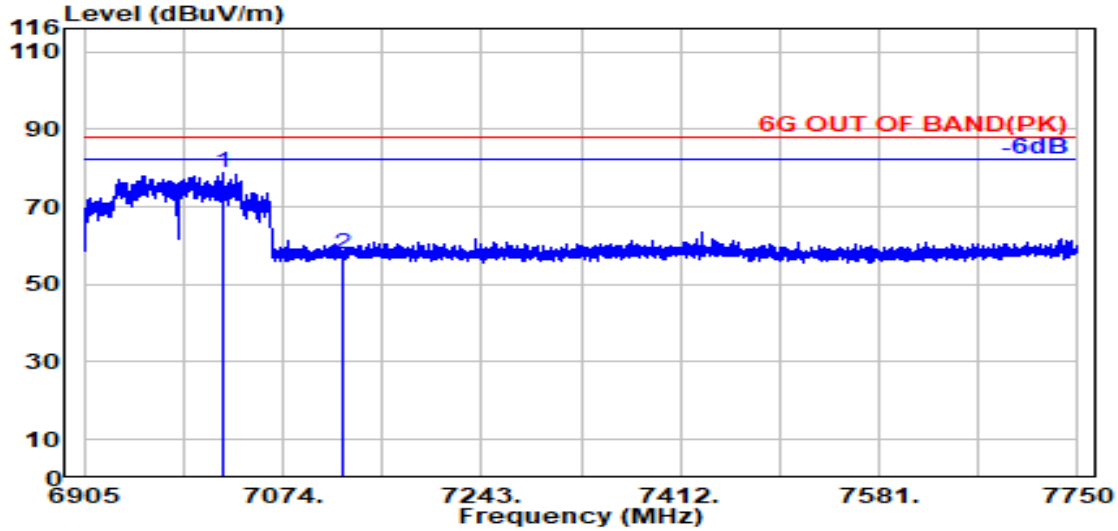


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.95	49.10	68.20	19.10	Average
@ 6072.100	34.24	9.36	39.37	77.91	82.15	---	---	Average

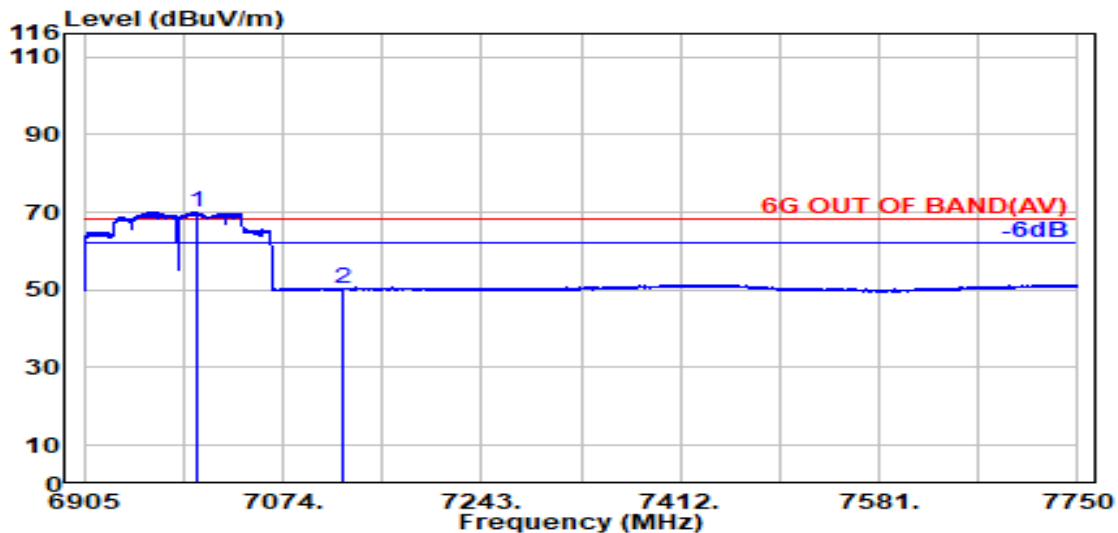
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE160	U-NII Band	8
		Frequency	TX 6985MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7022.300	35.54	9.73	39.48	73.10	78.90	---	---	Peak
7125.000	35.90	9.82	39.50	51.58	57.81	88.20	30.39	Peak

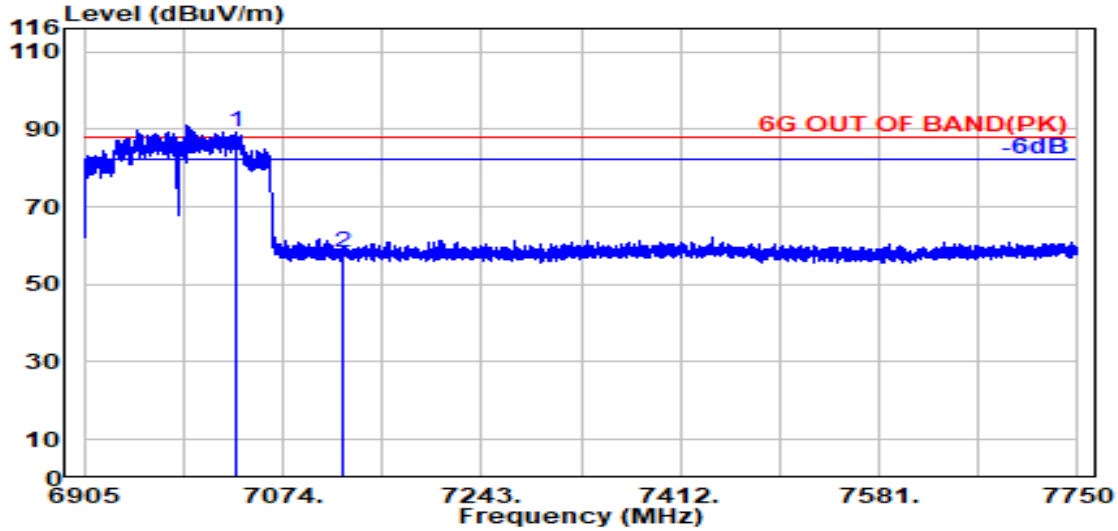


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7000.200	35.50	9.71	39.47	64.27	70.01	---	---	Average
7125.000	35.90	9.82	39.50	44.12	50.34	68.20	17.86	Average

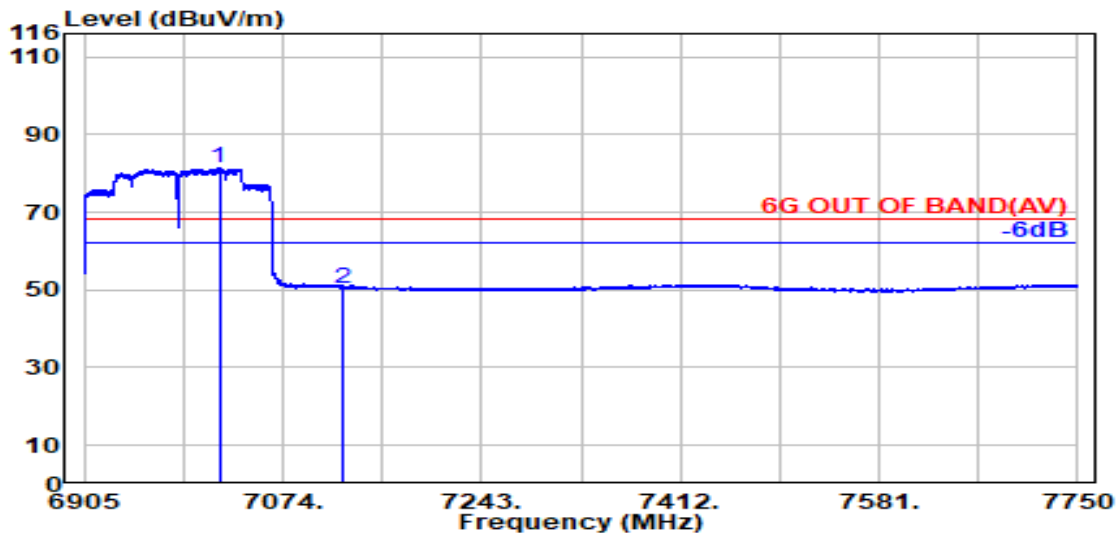
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE160	U-NII Band	8
		Frequency	TX 6985MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7035.100	35.57	9.74	39.48	83.68	89.52	---	---	Peak
7125.000	35.90	9.82	39.50	52.20	58.42	88.20	29.78	Peak



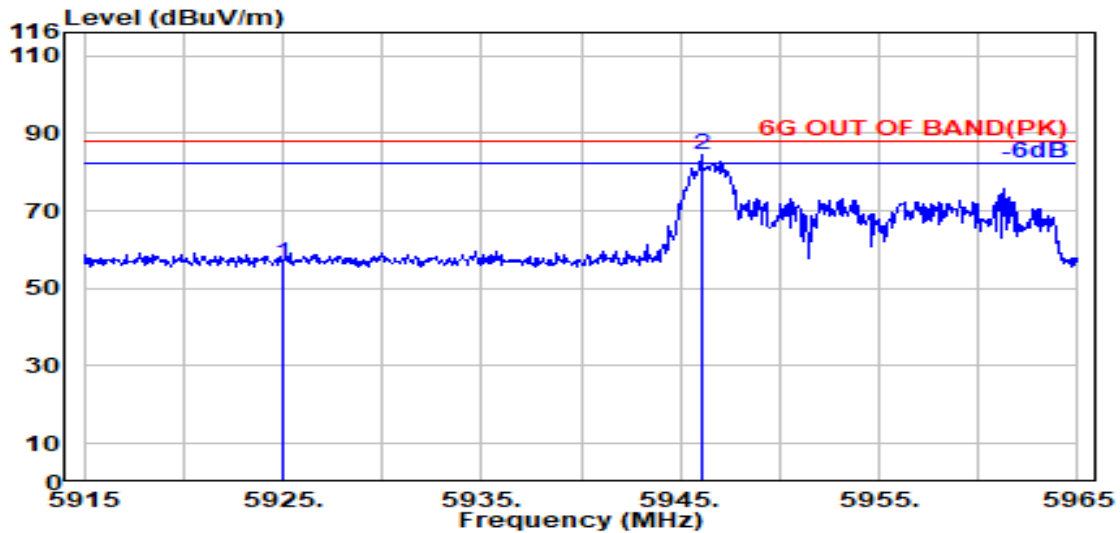
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7019.900	35.54	9.73	39.47	75.55	81.34	---	---	Average
7125.000	35.90	9.82	39.50	44.20	50.42	68.20	17.78	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

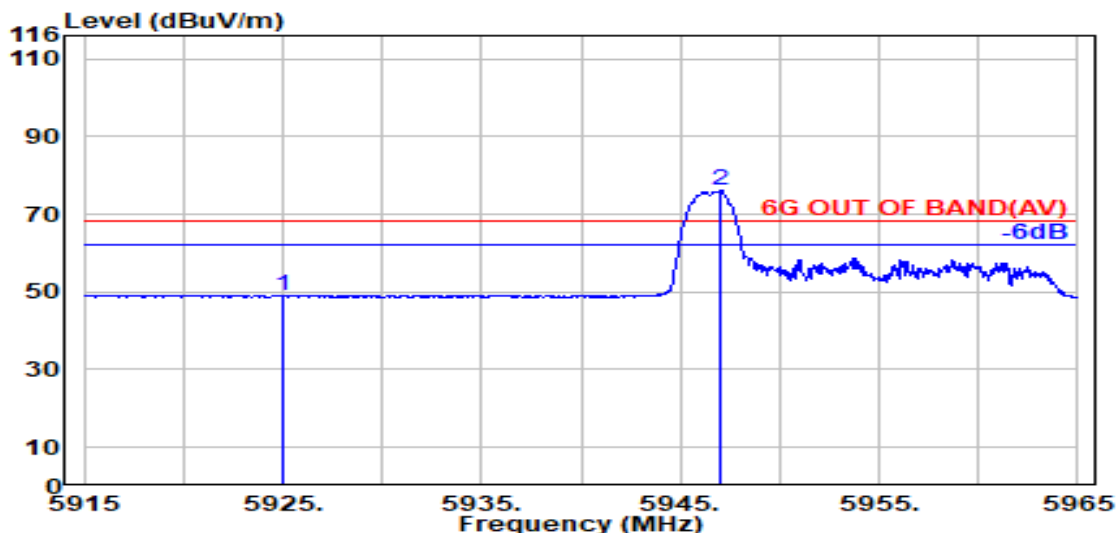
● OFDMA Modulation

Tones	26T	RU Index	0
Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.16	56.30	88.20	31.90	Peak
@ 5946.100	34.28	9.30	39.35	80.40	84.64	---	---	Peak

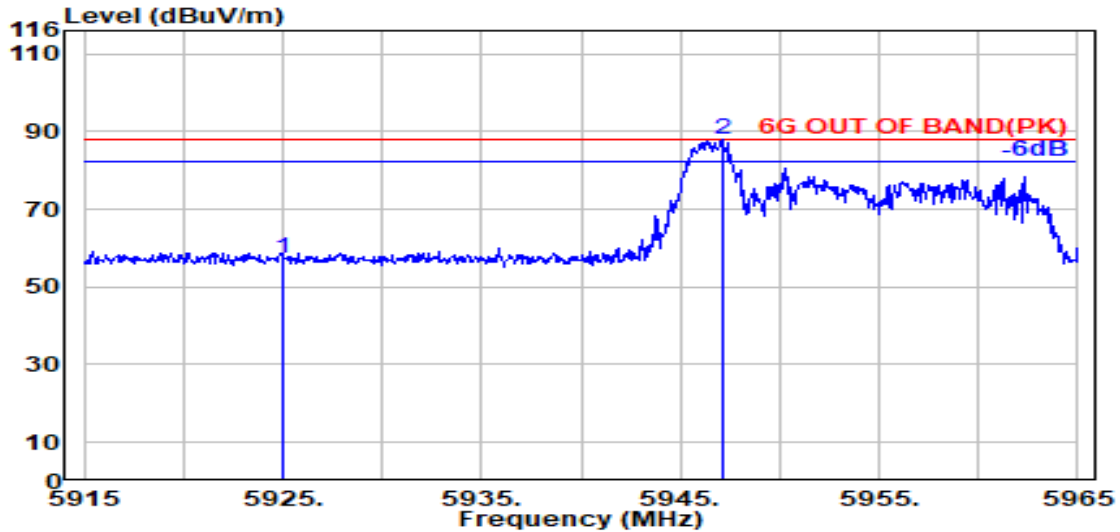


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.75	48.89	68.20	19.31	Average
@ 5947.000	34.29	9.30	39.35	71.86	76.10	---	---	Average

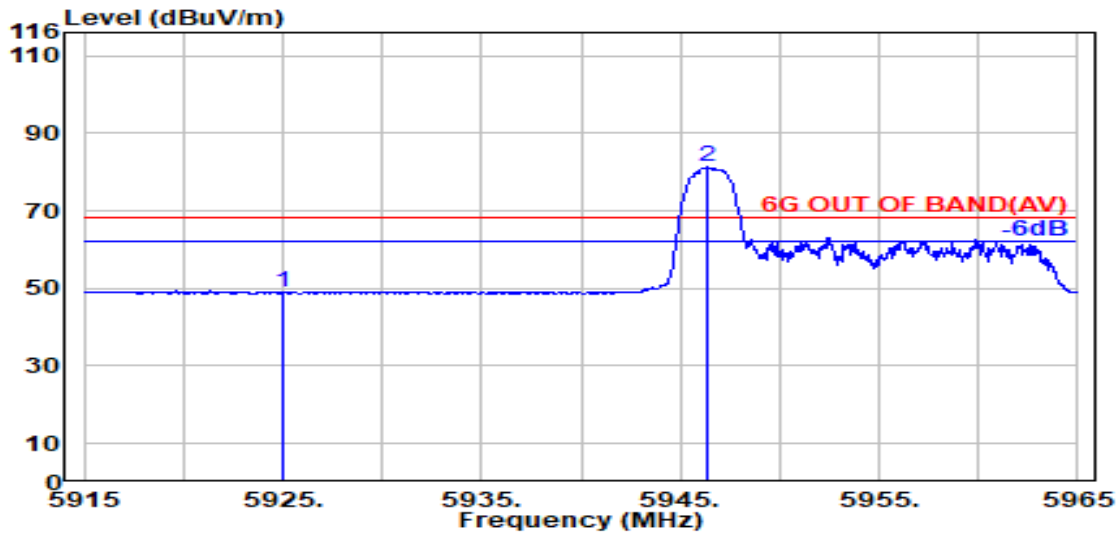
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	26T	RU Index	0
Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	53.02	57.17	88.20	31.03	Peak
@ 5947.150	34.29	9.30	39.35	83.78	88.03	---	---	Peak

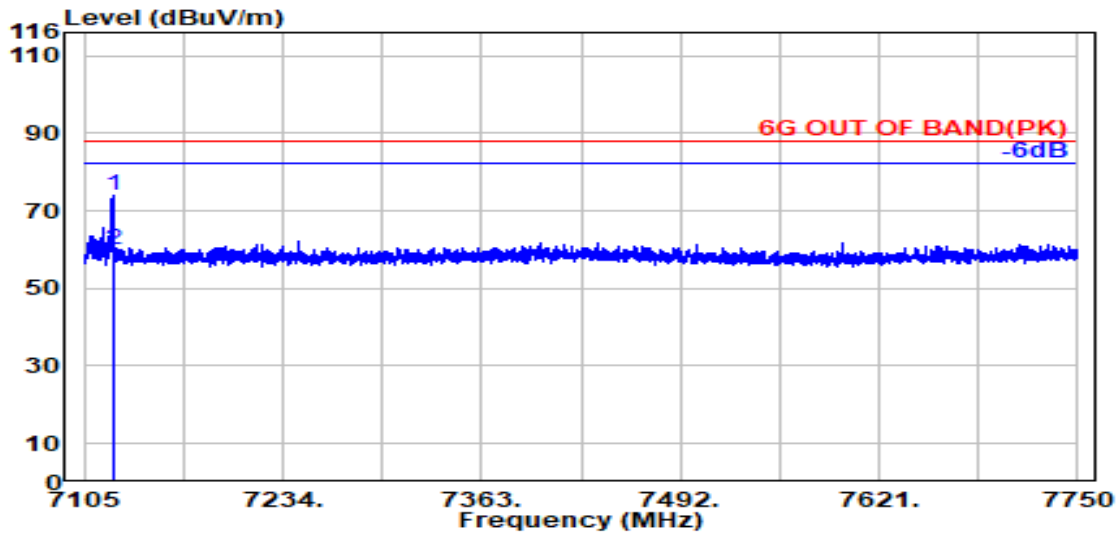


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.71	48.86	68.20	19.34	Average
@ 5946.350	34.29	9.30	39.35	77.06	81.30	---	---	Average

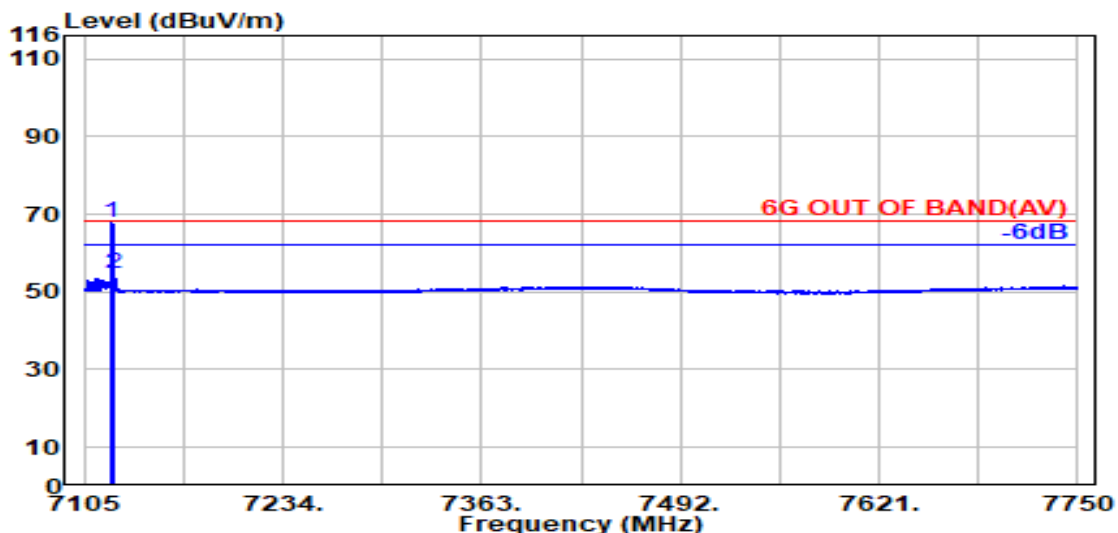
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	26T	RU Index	8
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7123.500	35.89	9.82	39.50	67.93	74.14	---	---	Peak
	7125.000	35.90	9.82	39.50	53.95	60.17	88.20	28.03	Peak

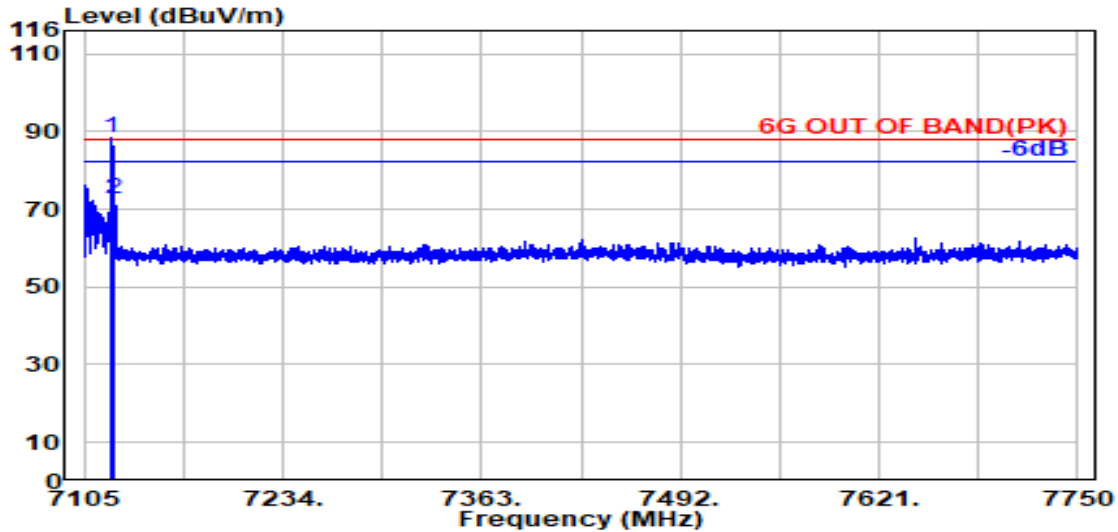


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7123.300	35.89	9.82	39.50	61.84	68.05	---	---	Average
	7125.000	35.90	9.82	39.50	48.45	54.67	68.20	13.53	Average

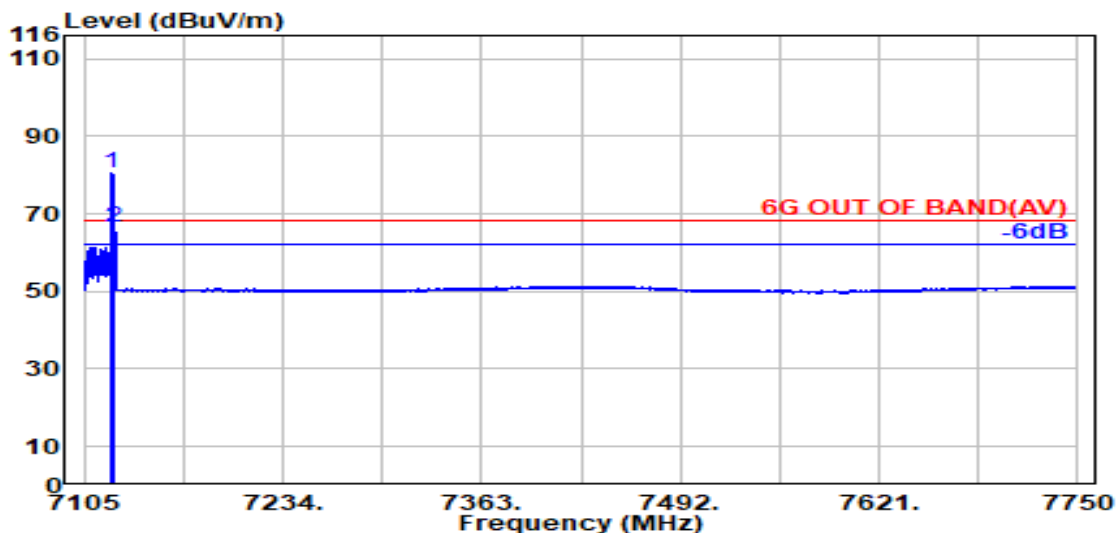
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	26T	RU Index	8
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7122.700	35.89	9.82	39.50	82.40	88.62	---	---	Peak
7125.000	35.90	9.82	39.50	66.48	72.71	88.20	15.49	Peak



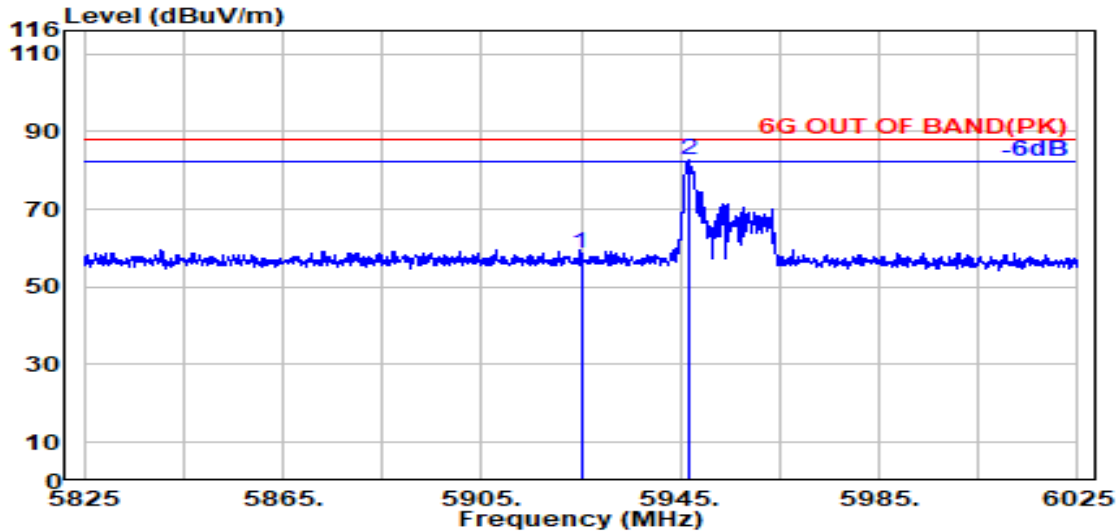
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
7123.000	35.89	9.82	39.50	74.43	80.64	---	---	Average
@ 7125.000	35.90	9.82	39.50	60.53	66.75	68.20	1.45	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

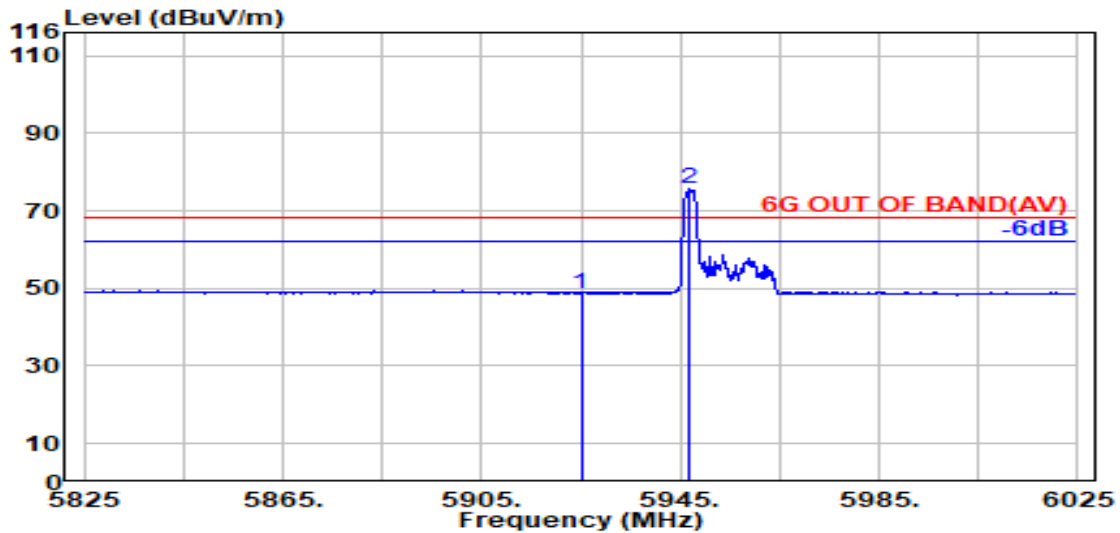


Tones	26T	RU Index	0
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	54.63	58.78	88.20	29.42	Peak
@ 5946.900	34.29	9.30	39.35	78.47	82.71	---	---	Peak

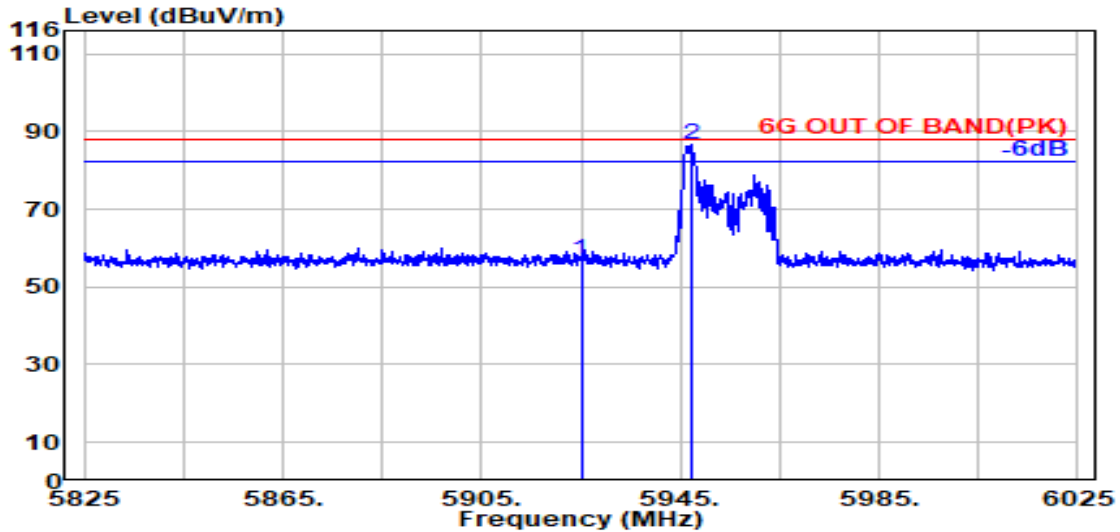


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.64	48.78	68.20	19.42	Average
@ 5946.900	34.29	9.30	39.35	71.33	75.58	---	---	Average

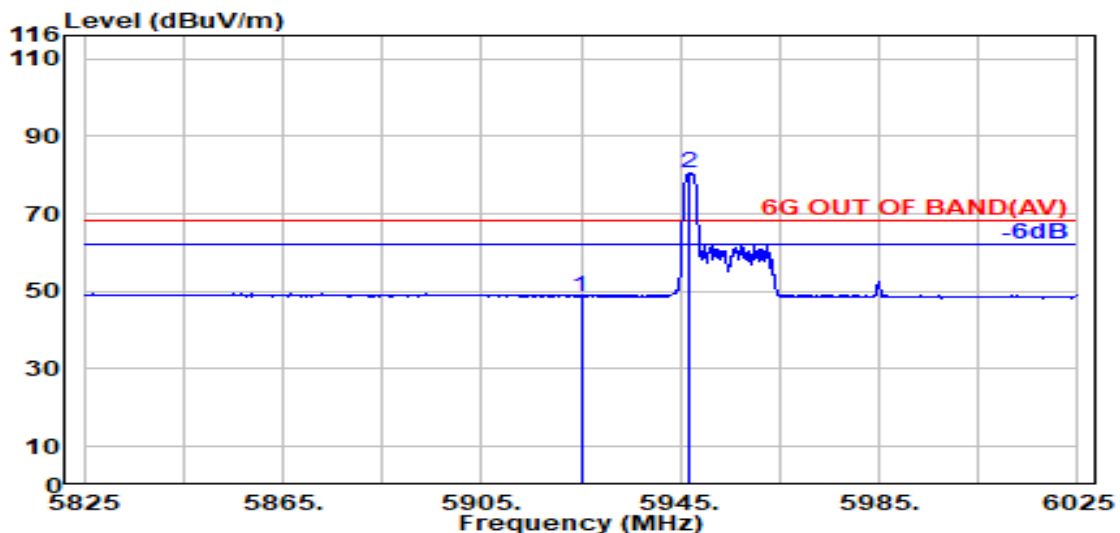
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	26T	RU Index	0
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.62	56.77	88.20	31.43	Peak
@ 5947.300	34.29	9.30	39.35	82.65	86.89	---	---	Peak

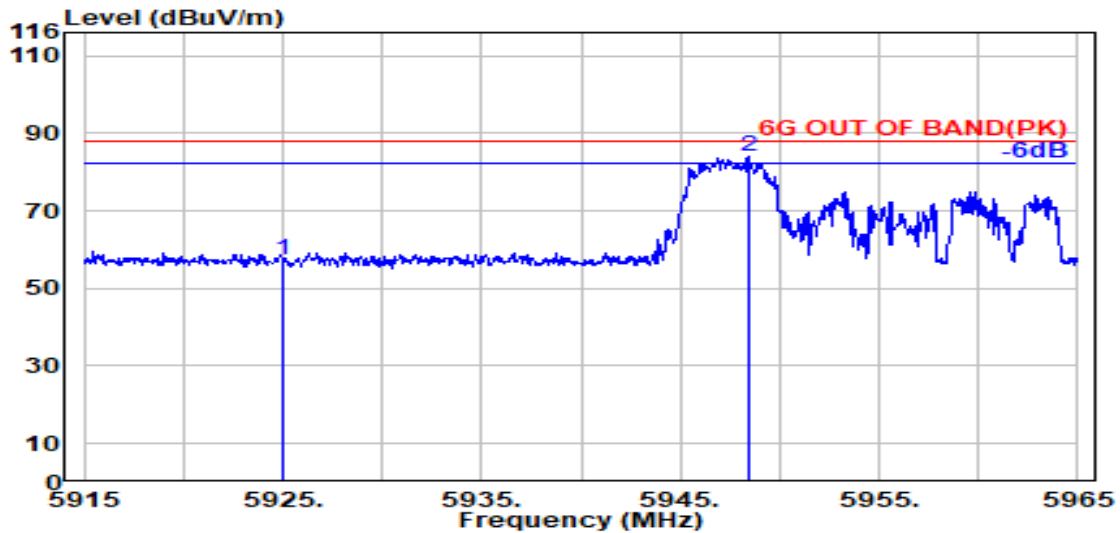


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.50	48.64	68.20	19.56	Average
@ 5946.700	34.29	9.30	39.35	76.36	80.60	---	---	Average

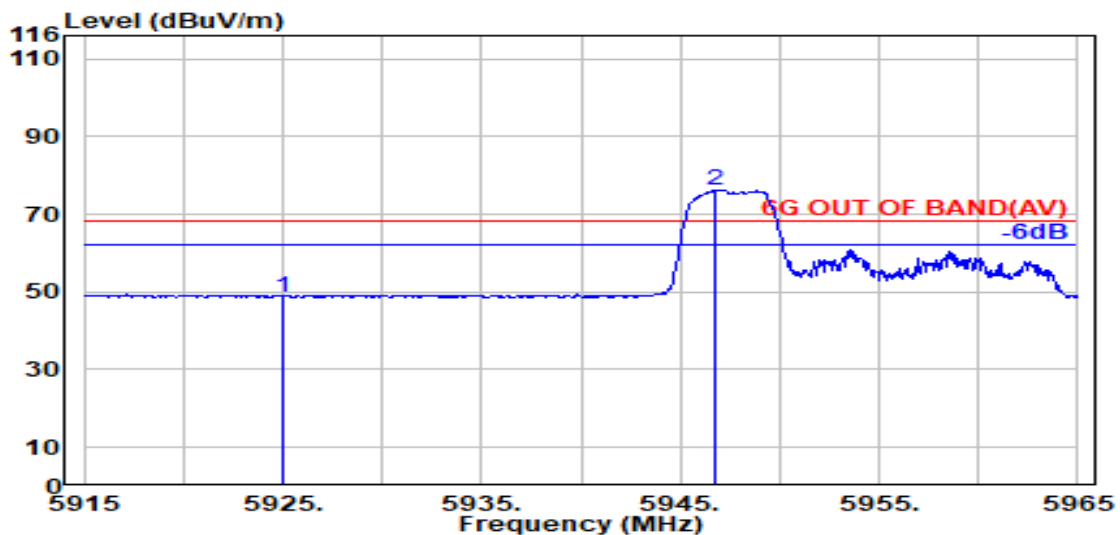
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	52T	RU Index	37
Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	53.01	57.15	88.20	31.05	Peak
@ 5948.400	34.29	9.30	39.35	79.98	84.22	---	---	Peak

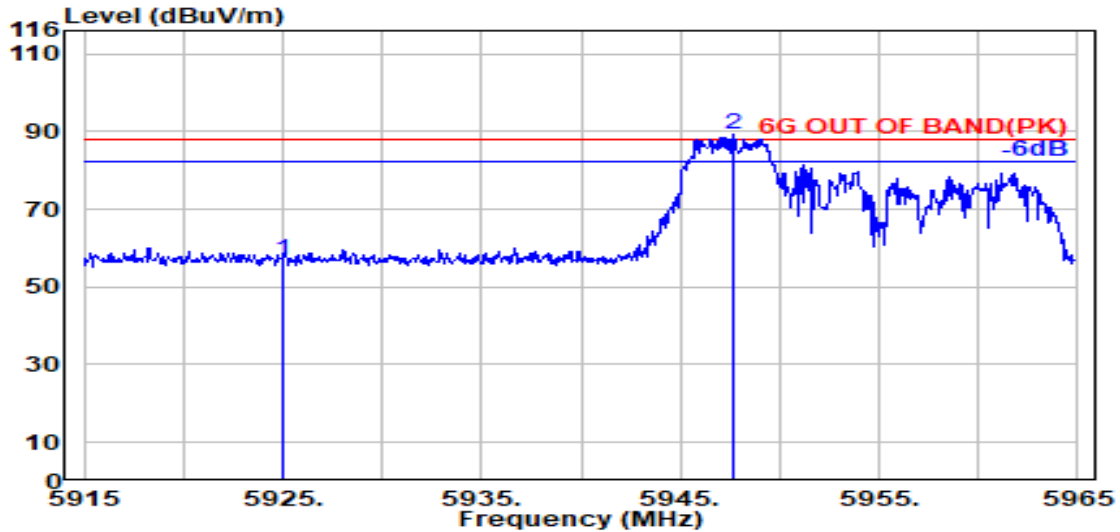


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.63	48.78	68.20	19.42	Average
@ 5946.800	34.29	9.30	39.35	72.12	76.36	---	---	Average

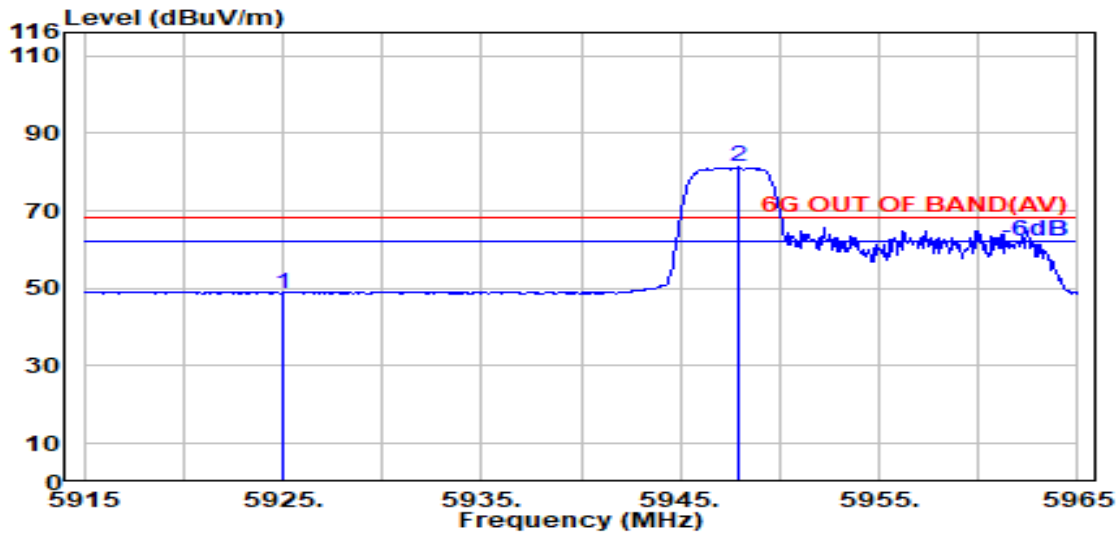
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	52T	RU Index	37
Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	52.67	56.82	88.20	31.38	Peak
@ 5947.700	34.29	9.30	39.35	84.86	89.10	---	---	Peak

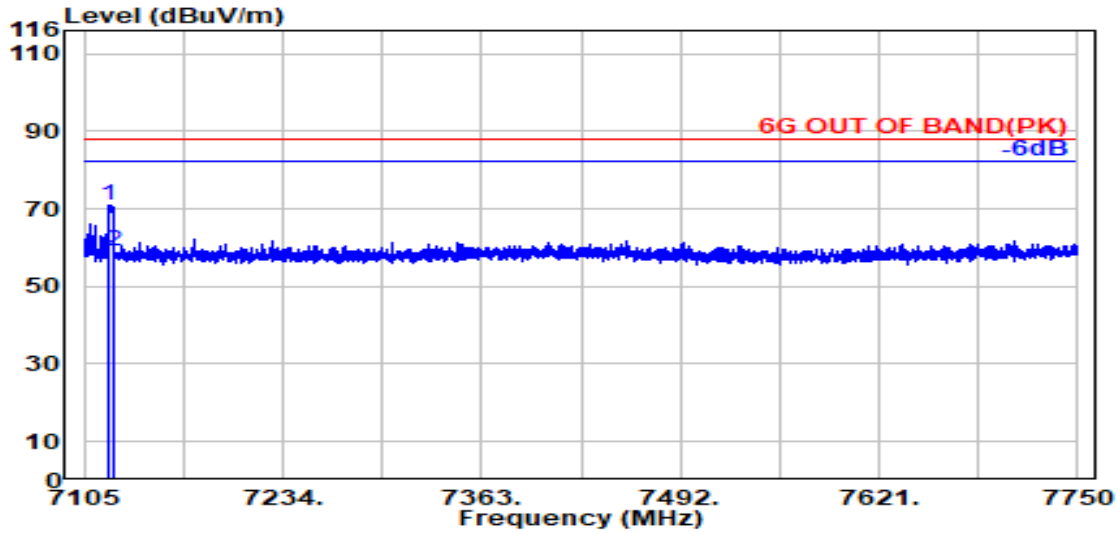


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.62	48.77	68.20	19.43	Average
@ 5947.900	34.29	9.30	39.35	77.05	81.29	---	---	Average

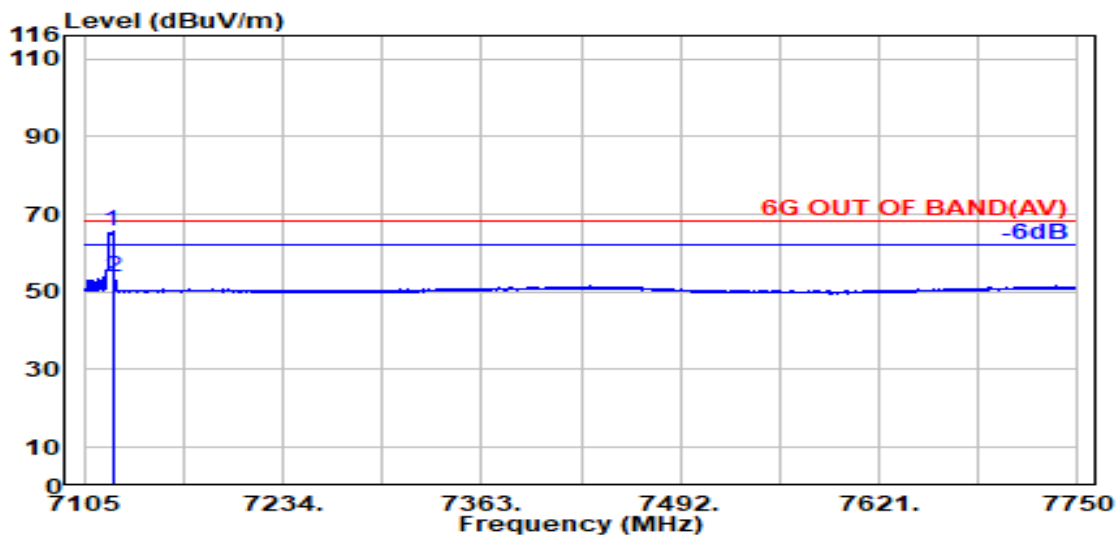
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	52T	RU Index	40
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7120.600	35.88	9.82	39.50	64.88	71.09	---	---	Peak
7125.000	35.90	9.82	39.50	53.02	59.25	88.20	28.95	Peak

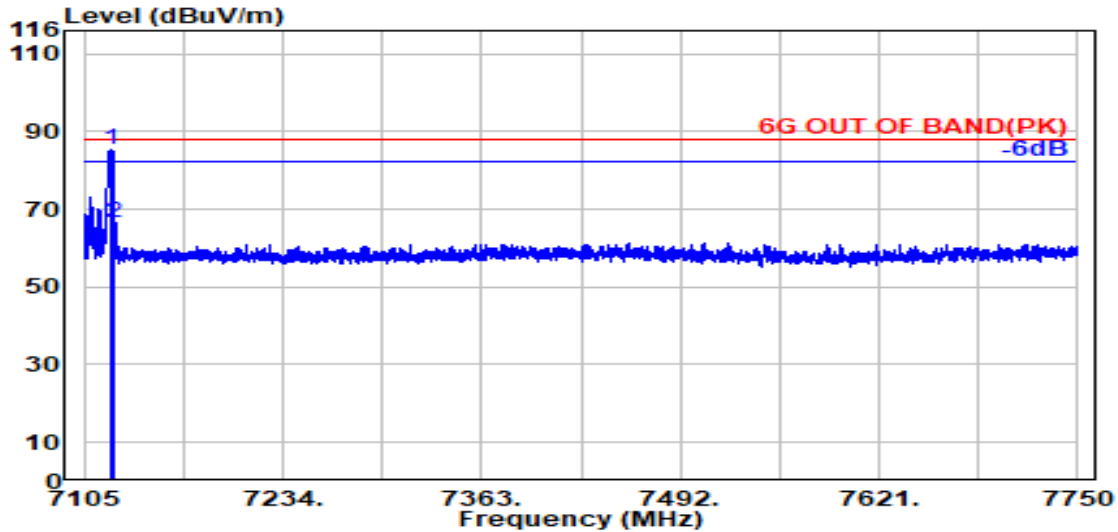


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7123.400	35.89	9.82	39.50	59.37	65.59	---	---	Average
7125.000	35.90	9.82	39.50	47.80	54.02	68.20	14.18	Average

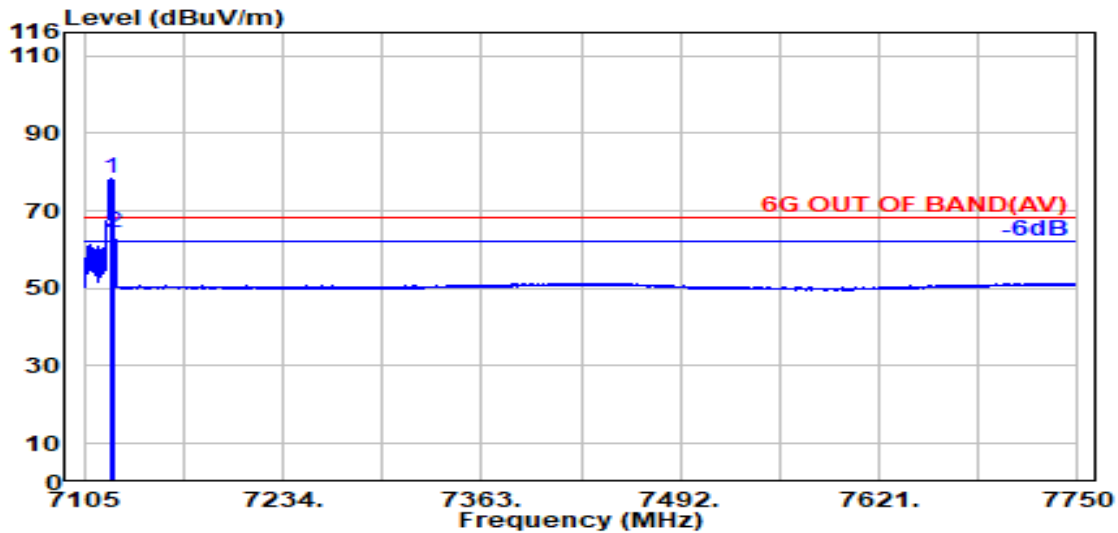
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	52T	RU Index	40
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 7123.300	35.89	9.82	39.50	79.29	85.50	---	---	Peak
7125.000	35.90	9.82	39.50	60.52	66.75	88.20	21.45	Peak

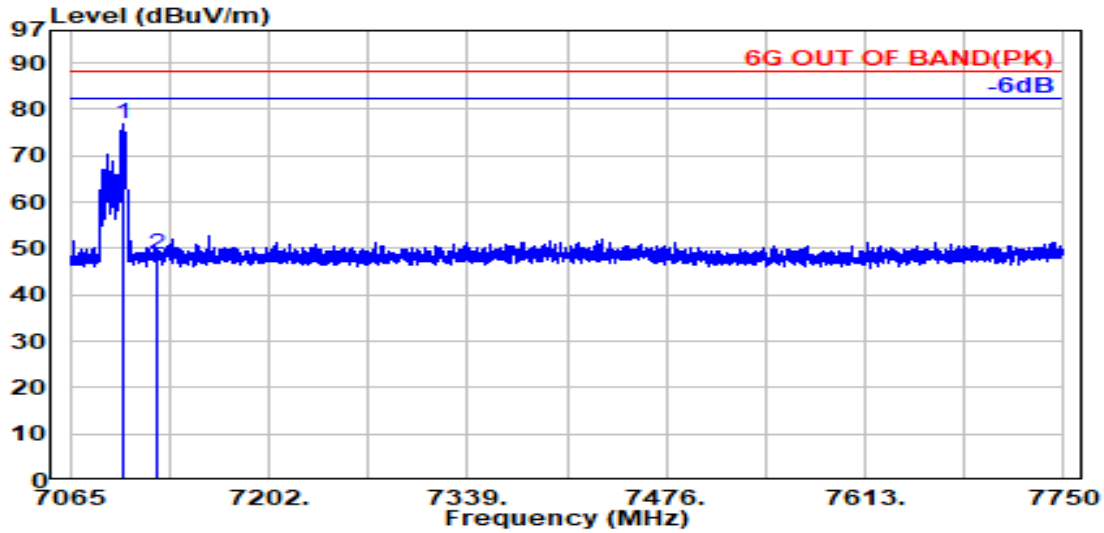


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 7121.900	35.89	9.82	39.50	71.93	78.14	---	---	Average
7125.000	35.90	9.82	39.50	58.17	64.40	68.20	3.80	Average

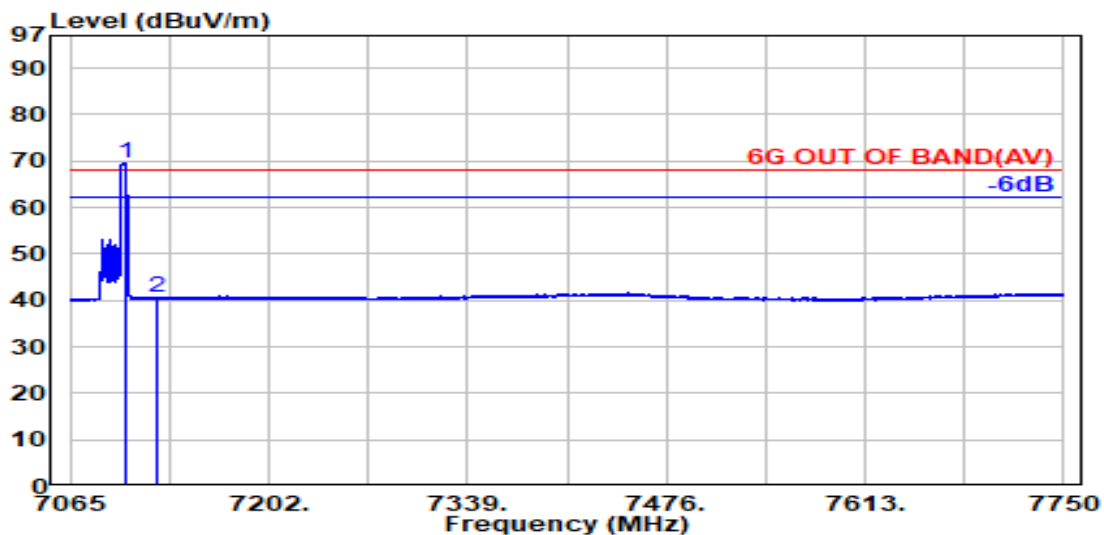
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	52T	RU Index	44
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7102.200	35.81	9.80	39.50	70.91	77.02	---	---	Peak
	7125.000	35.90	9.82	39.50	42.64	48.86	88.20	39.34	Peak

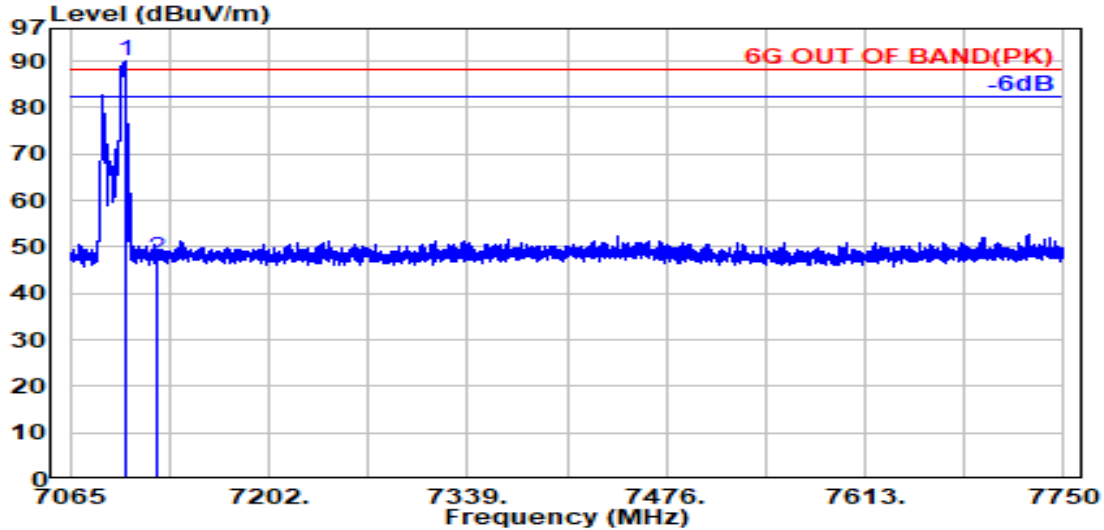


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7102.600	35.81	9.80	39.50	63.60	69.72	---	---	Average
	7125.000	35.90	9.82	39.50	34.35	40.57	68.20	27.63	Average

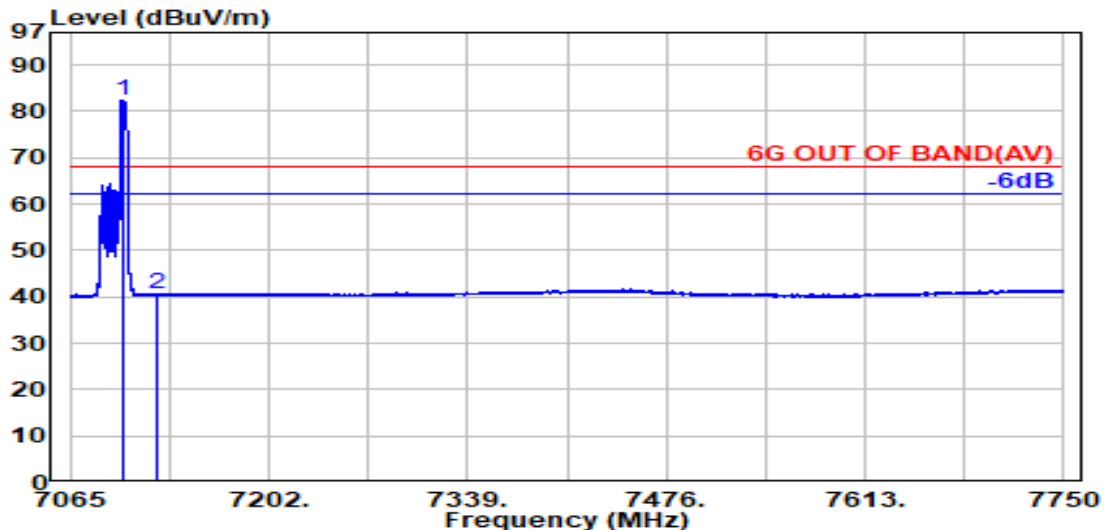
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	52T	RU Index	44
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7103.200	35.81	9.80	39.50	83.84	89.96	---	---	Peak
7125.000	35.90	9.82	39.50	41.52	47.75	88.20	40.45	Peak



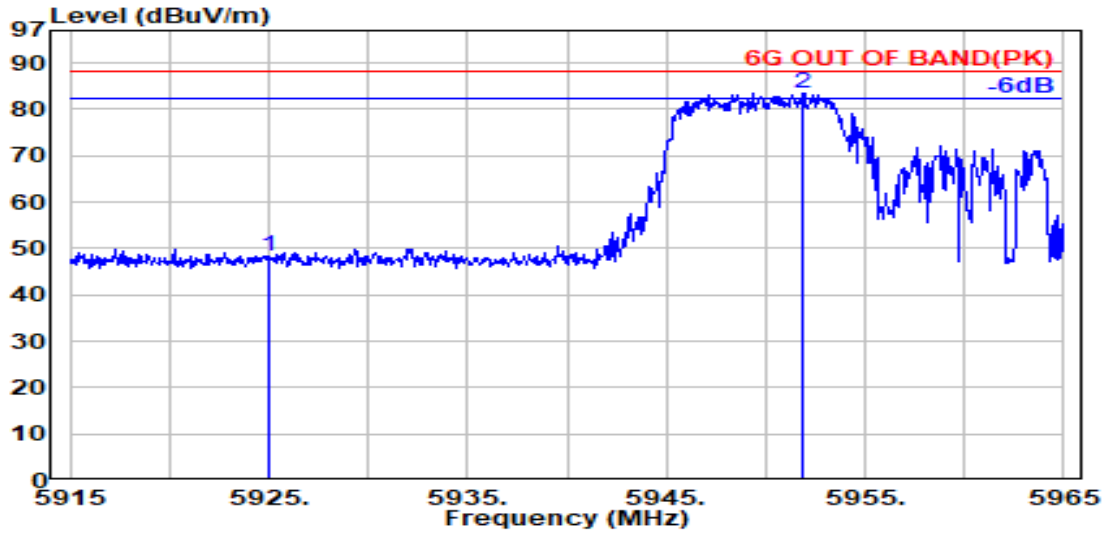
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7101.700	35.81	9.80	39.50	76.32	82.43	---	---	Average
7125.000	35.90	9.82	39.50	34.27	40.49	68.20	27.71	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

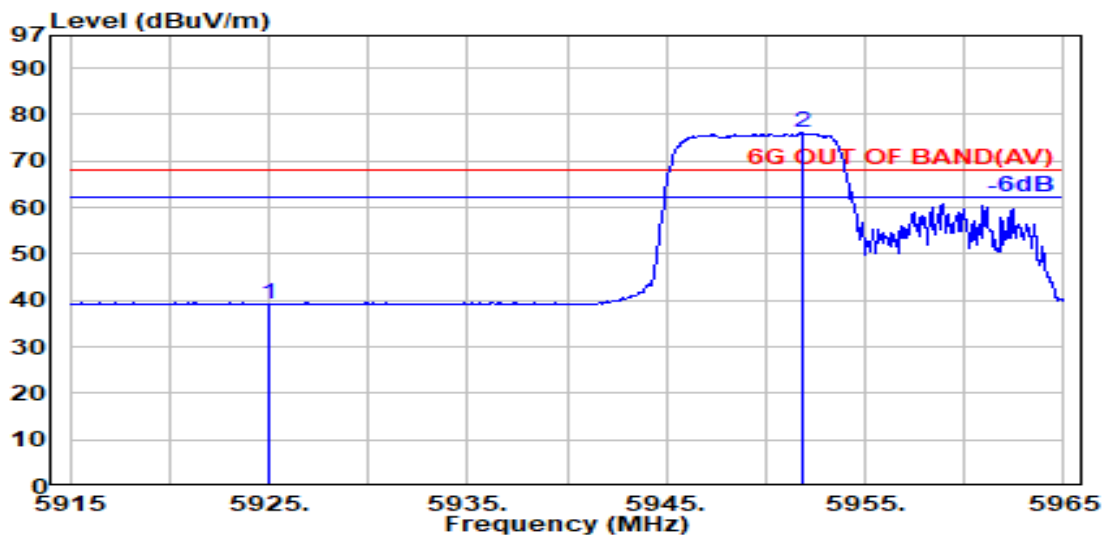


Tones	106T	RU Index	53
Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.05	48.19	88.20	40.01	Peak
@ 5951.900	34.30	9.31	39.35	79.10	83.35	---	---	Peak

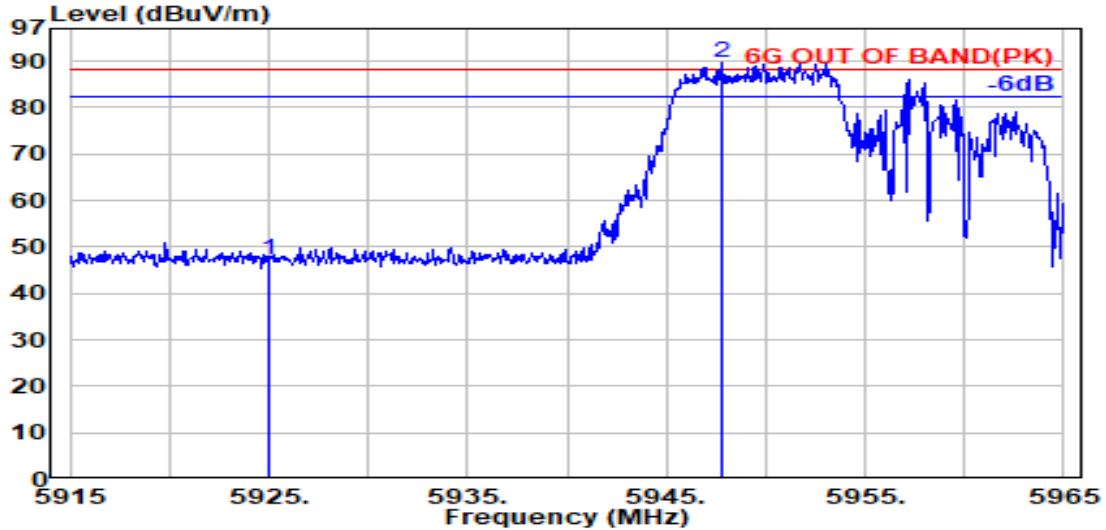


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	35.10	39.25	68.20	28.95	Average
@ 5951.800	34.30	9.31	39.35	71.85	76.11	---	---	Average

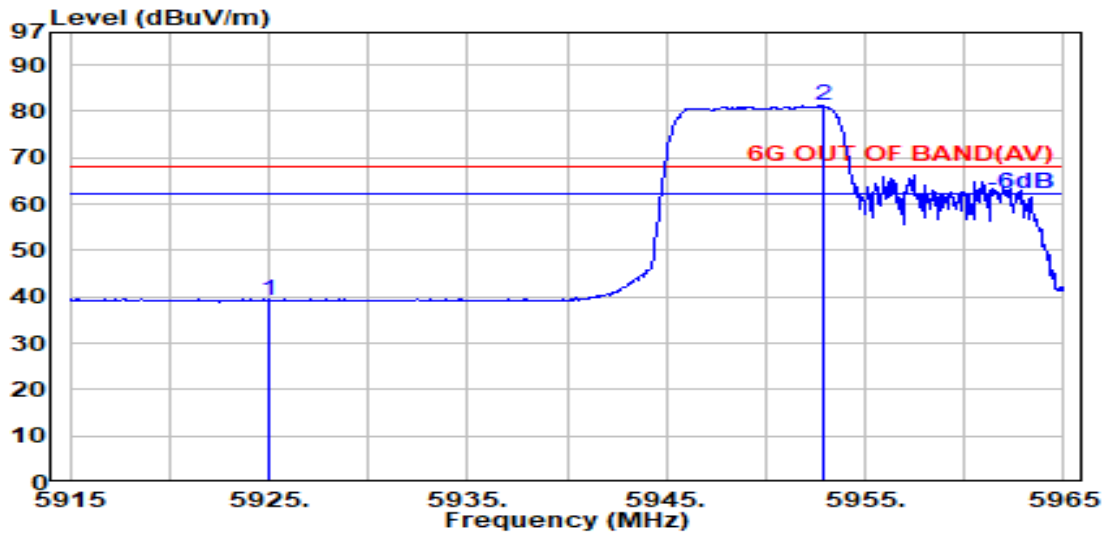
Remark: The "@" means fundamental frequency, it is ignored in this section.

Tones	106T	RU Index	53
Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	43.07	47.22	88.20	40.98	Peak
@ 5947.850	34.29	9.30	39.35	85.35	89.60	---	---	Peak

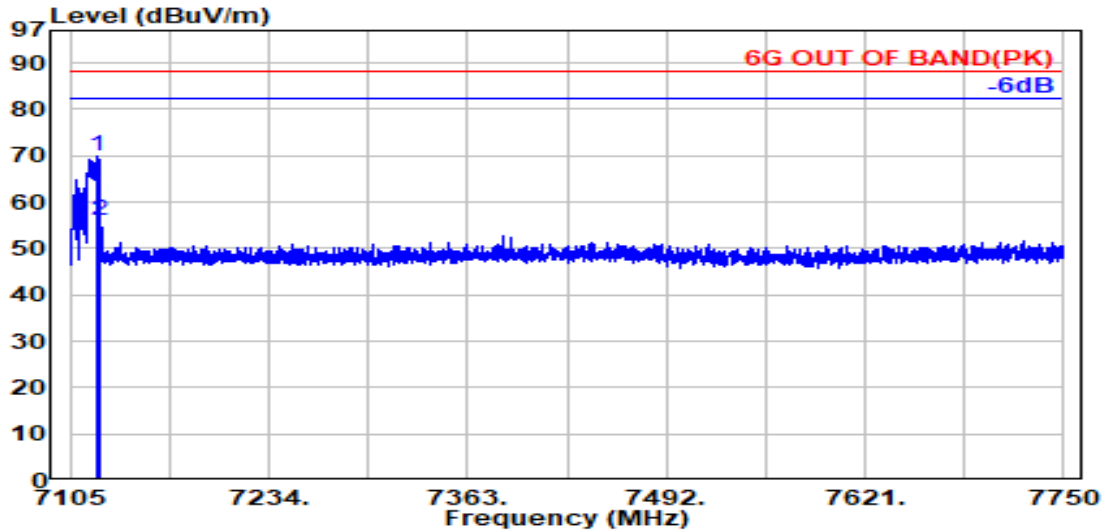


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	35.06	39.21	68.20	28.99	Average
@ 5952.900	34.29	9.31	39.35	76.90	81.15	---	---	Average

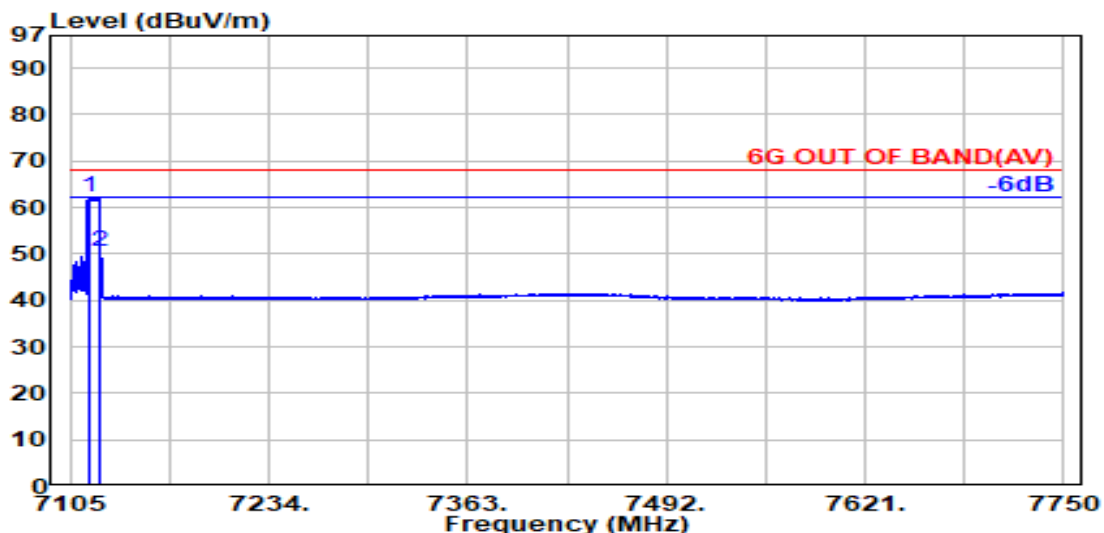
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	106T	RU Index	54
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7122.000	35.89	9.82	39.50	63.54	69.75	---	---	Peak
7125.000	35.90	9.82	39.50	49.66	55.88	88.20	32.32	Peak

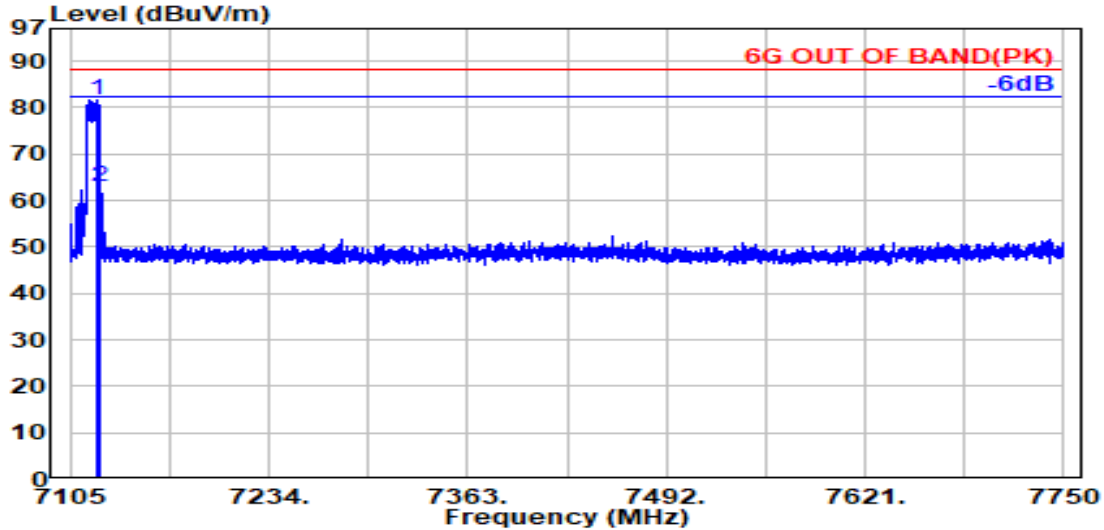


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7117.300	35.87	9.82	39.50	55.96	62.15	---	---	Average
7125.000	35.90	9.82	39.50	44.39	50.62	68.20	17.58	Average

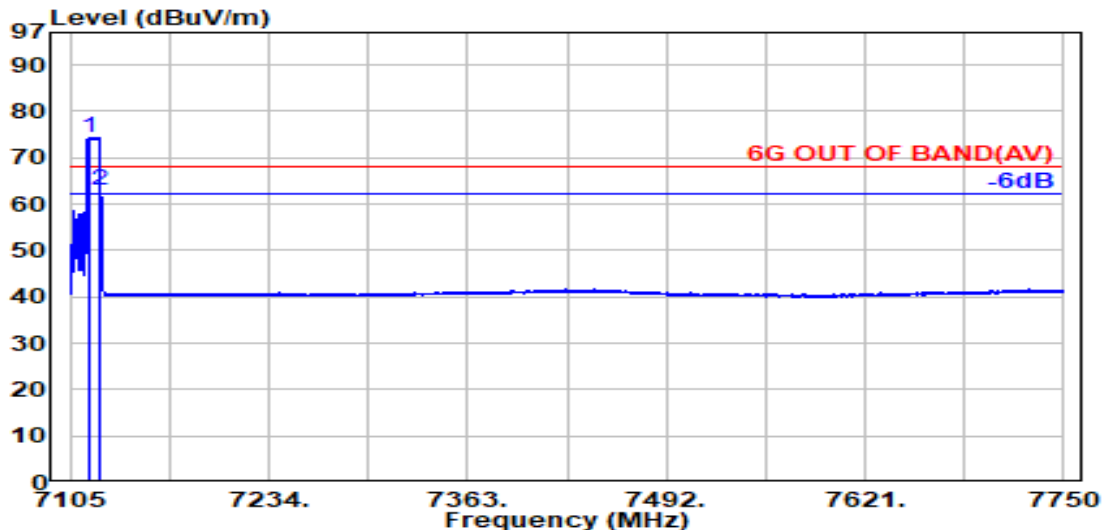
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	106T	RU Index	54
Mode	802.11ax-HE20	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 7122.900	35.89	9.82	39.50	75.56	81.77	---	---	Peak
7125.000	35.90	9.82	39.50	56.82	63.05	88.20	25.15	Peak

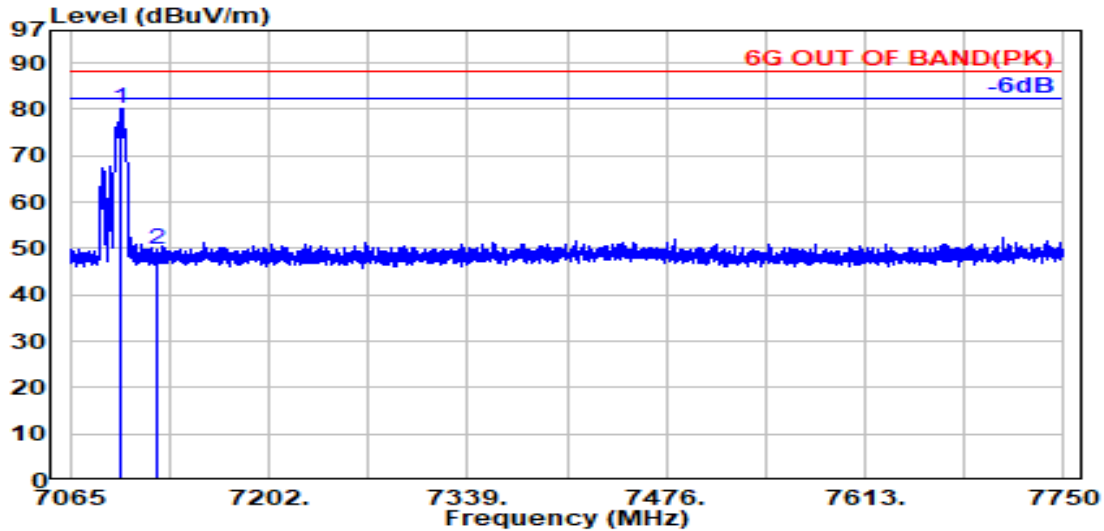


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 7117.000	35.87	9.82	39.50	68.29	74.47	---	---	Average
7125.000	35.90	9.82	39.50	56.60	62.82	68.20	5.38	Average

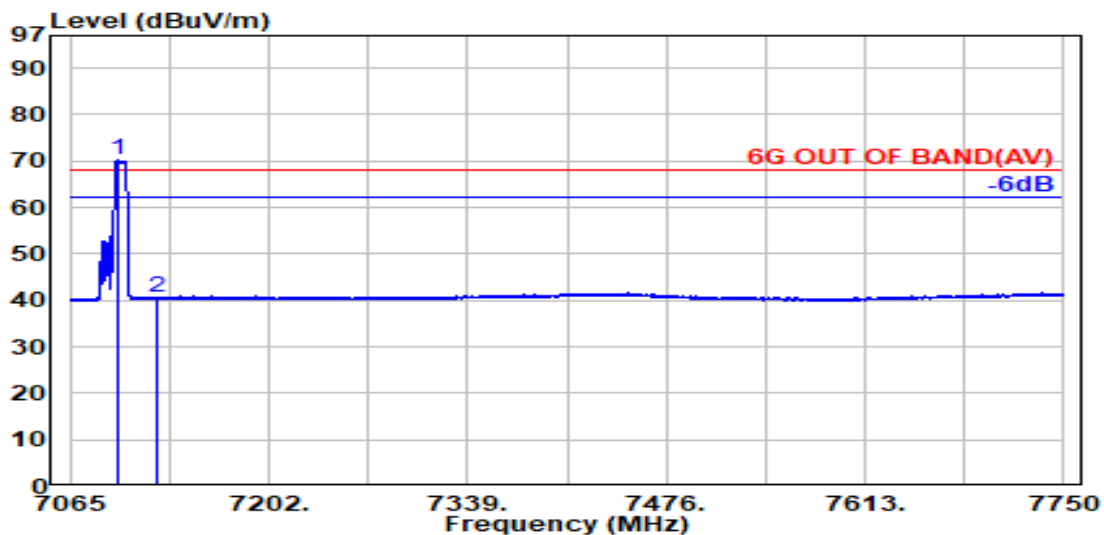
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	106T	RU Index	56
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7100.600	35.80	9.80	39.49	74.21	80.32	---	---	Peak
	7125.000	35.90	9.82	39.50	43.38	49.61	88.20	38.59	Peak

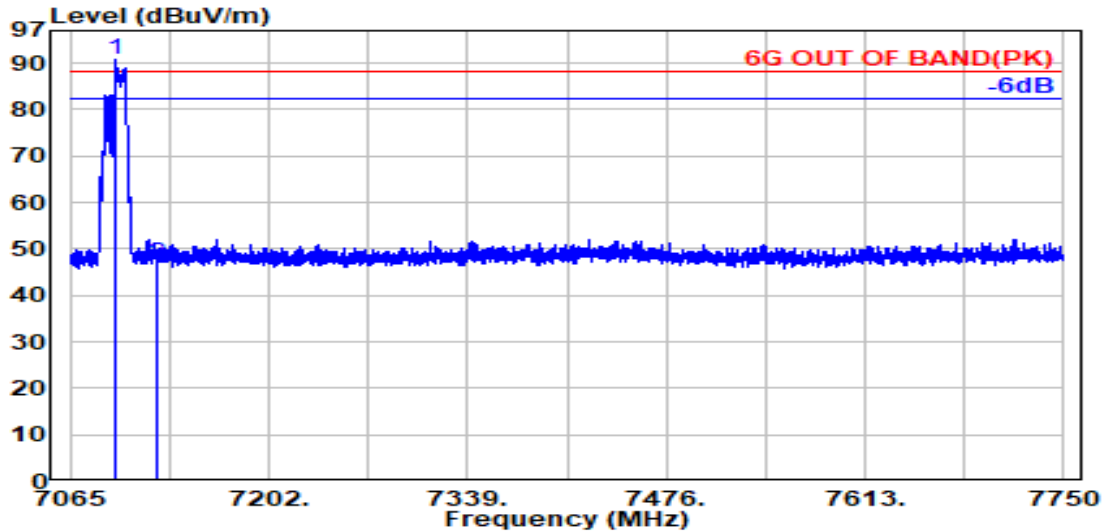


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7097.400	35.79	9.80	39.49	64.08	70.17	---	---	Average
	7125.000	35.90	9.82	39.50	34.32	40.55	68.20	27.65	Average

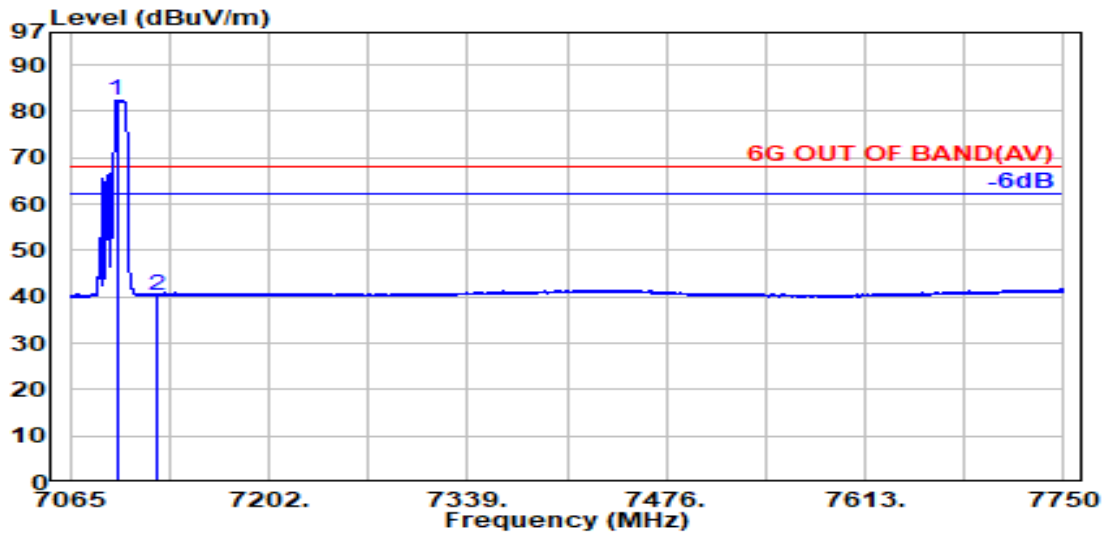
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	106T	RU Index	56
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7096.600	35.79	9.80	39.49	84.79	90.88	---	---	Peak
7125.000	35.90	9.82	39.50	40.69	46.91	88.20	41.29	Peak

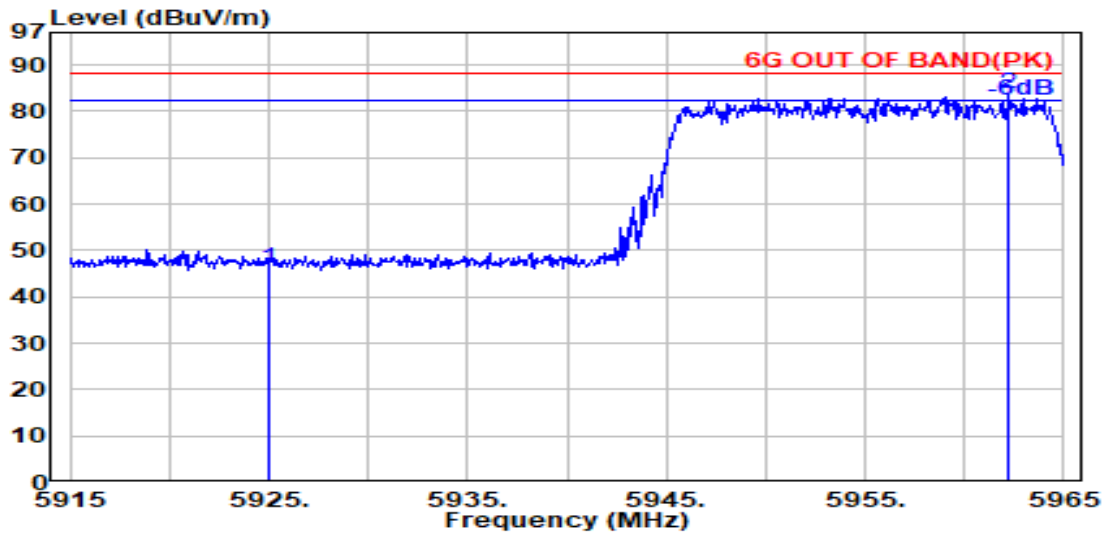


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7097.100	35.79	9.80	39.49	76.29	82.38	---	---	Average
7125.000	35.90	9.82	39.50	34.17	40.39	68.20	27.81	Average

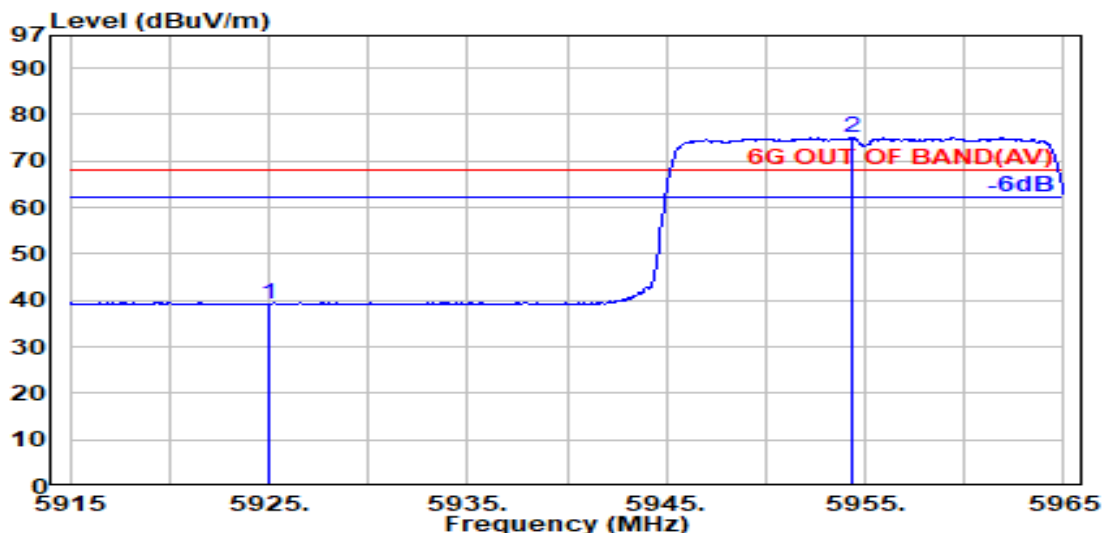
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	61
Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	42.00	46.15	88.20	42.05	Peak
@ 5962.200	34.28	9.31	39.35	79.46	83.69	---	---	Peak

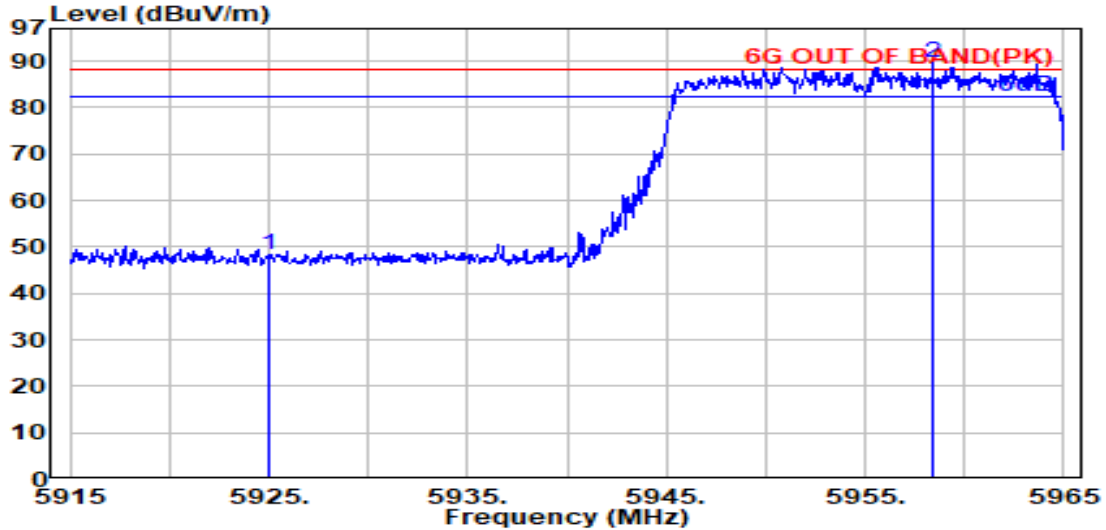


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	34.99	39.14	68.20	29.06	Average
@ 5954.400	34.29	9.31	39.35	70.80	75.05	---	---	Average

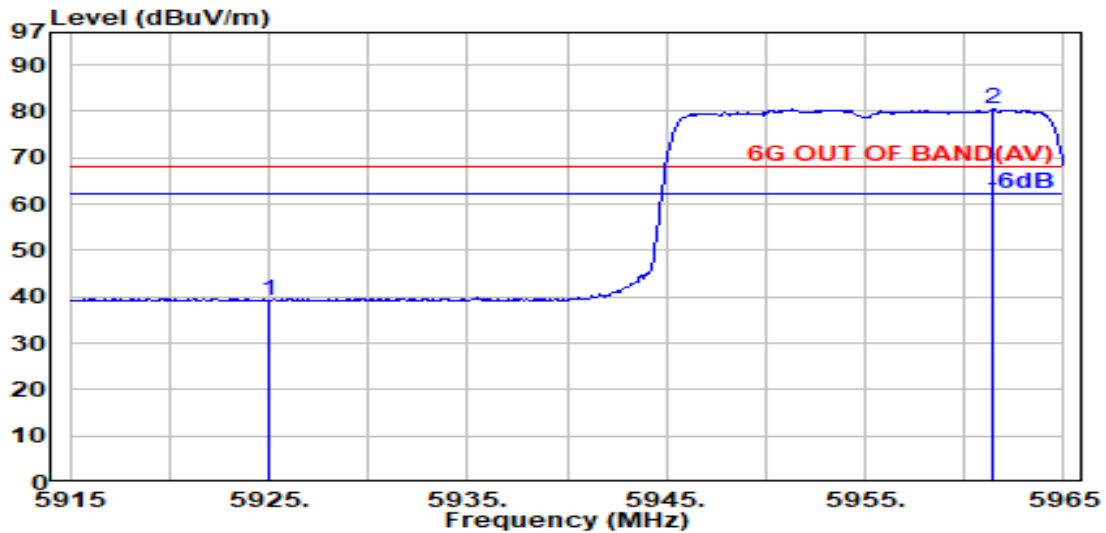
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	61
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5955MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	44.15	48.30	88.20	39.90	Peak
@ 5958.400	34.28	9.31	39.35	85.30	89.54	---	---	Peak



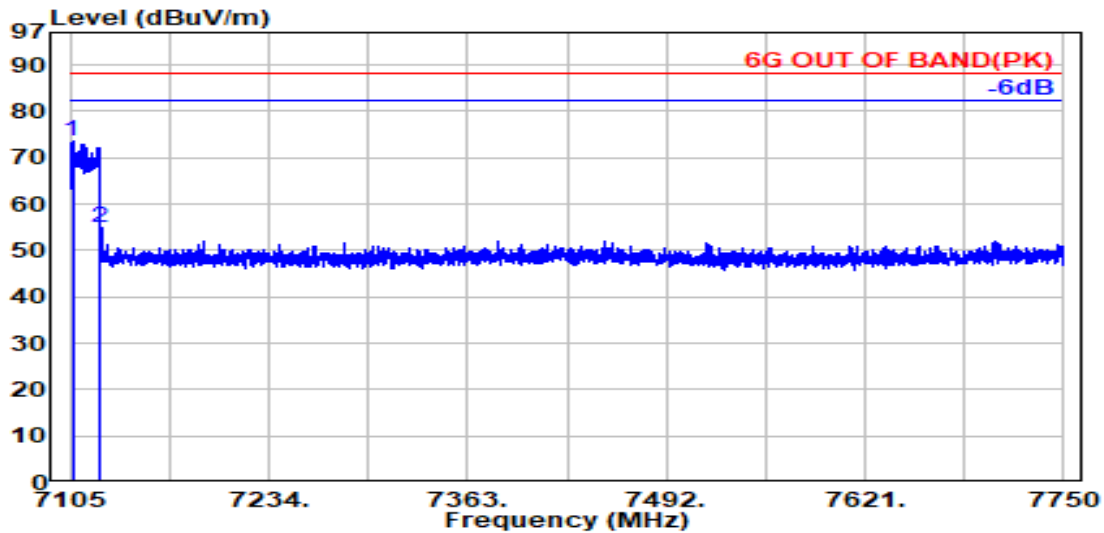
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	34.97	39.12	68.20	29.08	Average
@ 5961.450	34.28	9.31	39.35	76.33	80.57	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section

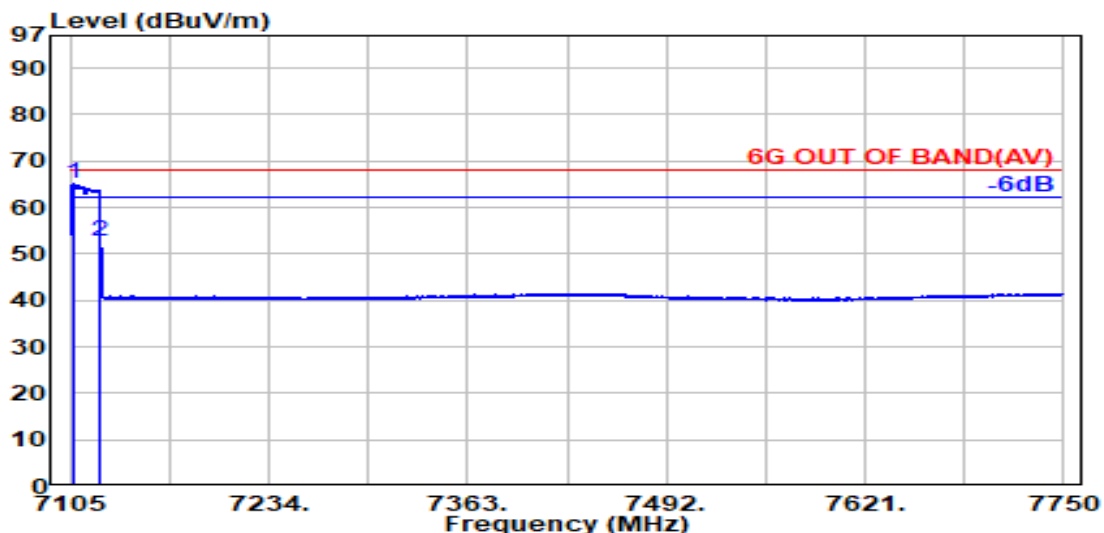


Tones	242T	RU Index	61
Mode	802.11ax-HE80	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7106.500	35.83	9.81	39.50	67.59	73.72	---	---	Peak
	7125.000	35.90	9.82	39.50	48.53	54.76	88.20	33.44	Peak

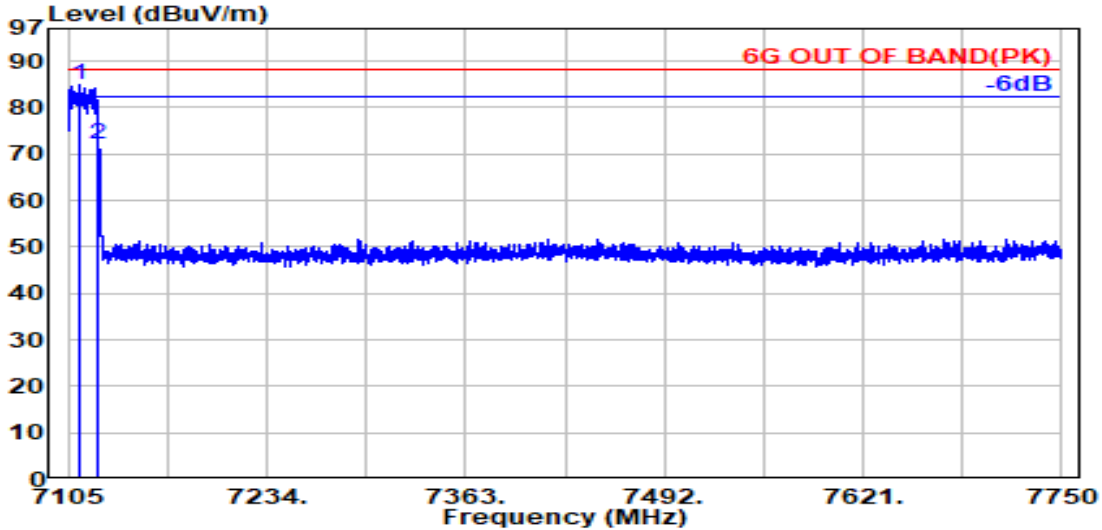


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7107.400	35.83	9.81	39.50	58.86	65.00	---	---	Average
	7125.000	35.90	9.82	39.50	46.37	52.59	68.20	15.61	Average

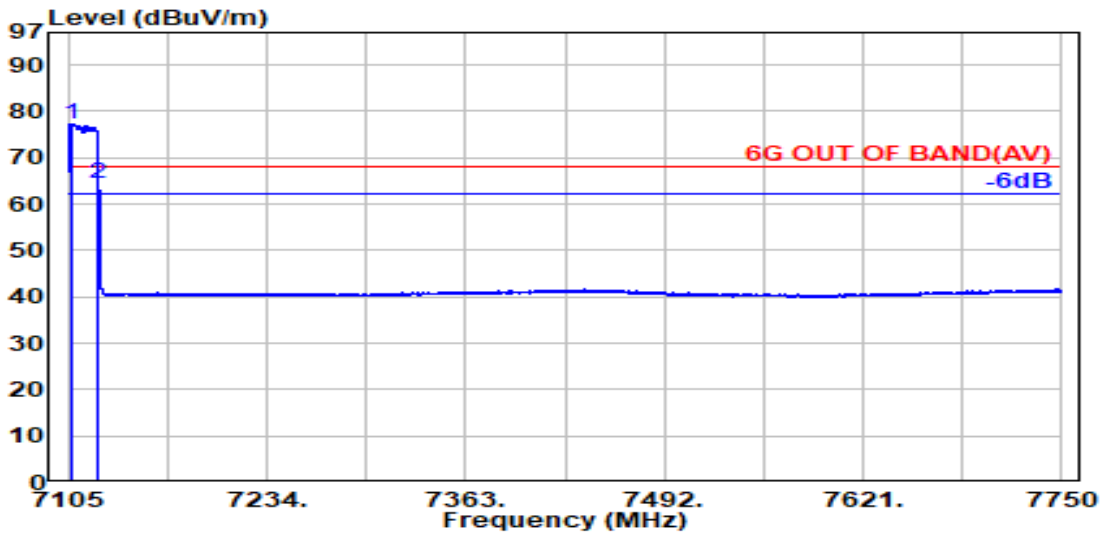
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	61
Mode	802.11ax-HE80	U-NII Band	8
		Frequency	TX 7115MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7112.900	35.85	9.81	39.50	78.76	84.93	---	---	Peak
7125.000	35.90	9.82	39.50	65.84	72.07	88.20	16.13	Peak

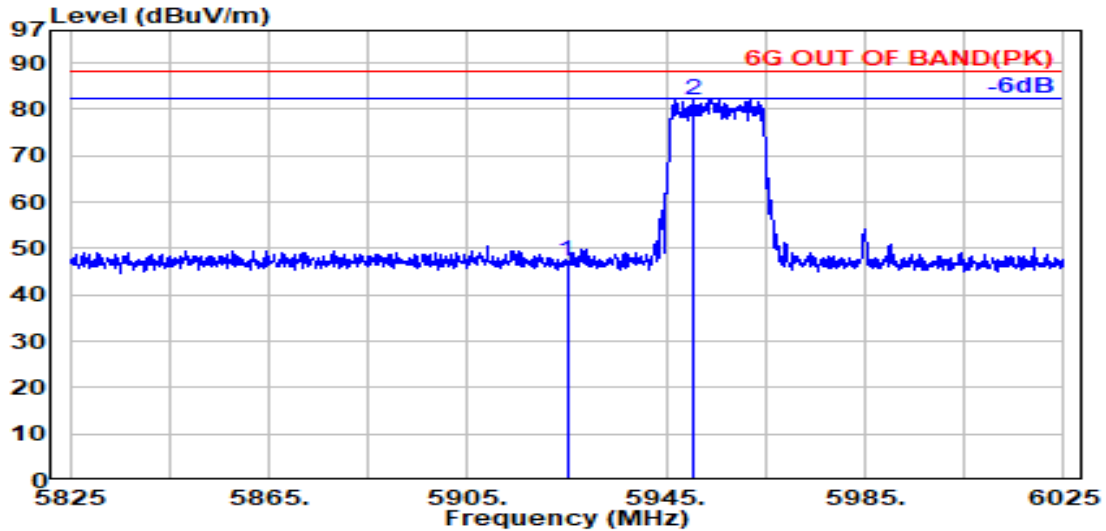


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7107.000	35.83	9.81	39.50	71.19	77.32	---	---	Average
7125.000	35.90	9.82	39.50	58.36	64.59	68.20	3.61	Average

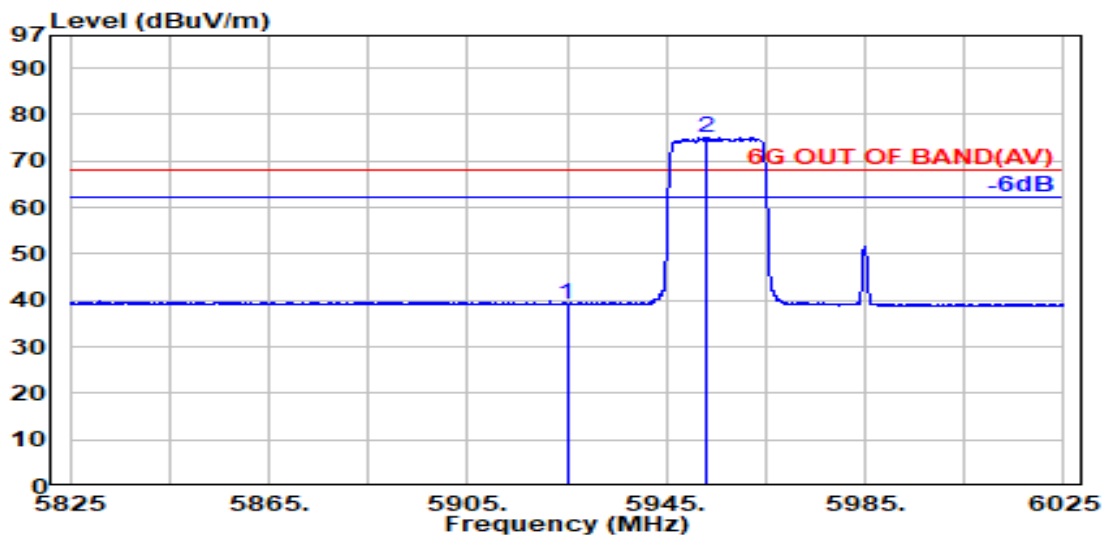
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	61
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	43.20	47.35	88.20	40.85	Peak
@ 5950.500	34.30	9.31	39.35	77.92	82.17	---	---	Peak

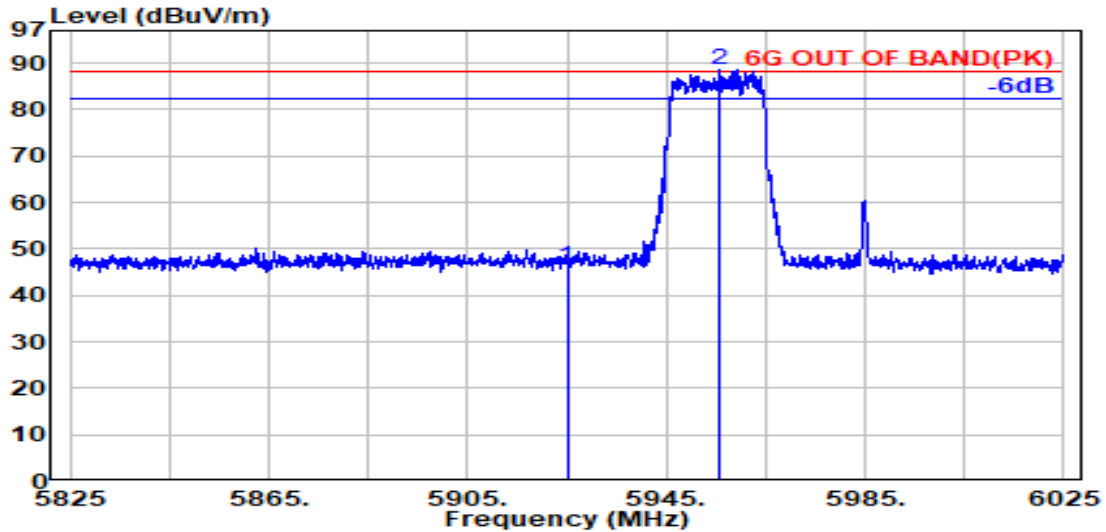


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	35.00	39.15	68.20	29.05	Average
@ 5952.800	34.29	9.31	39.35	70.73	74.98	---	---	Average

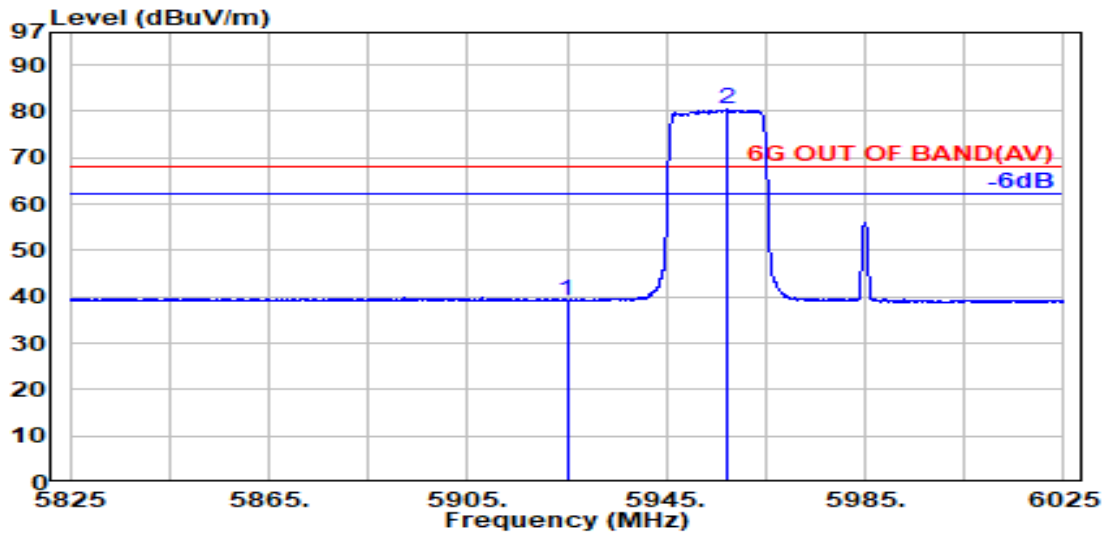
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	61
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	41.98	46.13	88.20	42.07	Peak
@ 5955.700	34.29	9.31	39.35	84.52	88.76	---	---	Peak

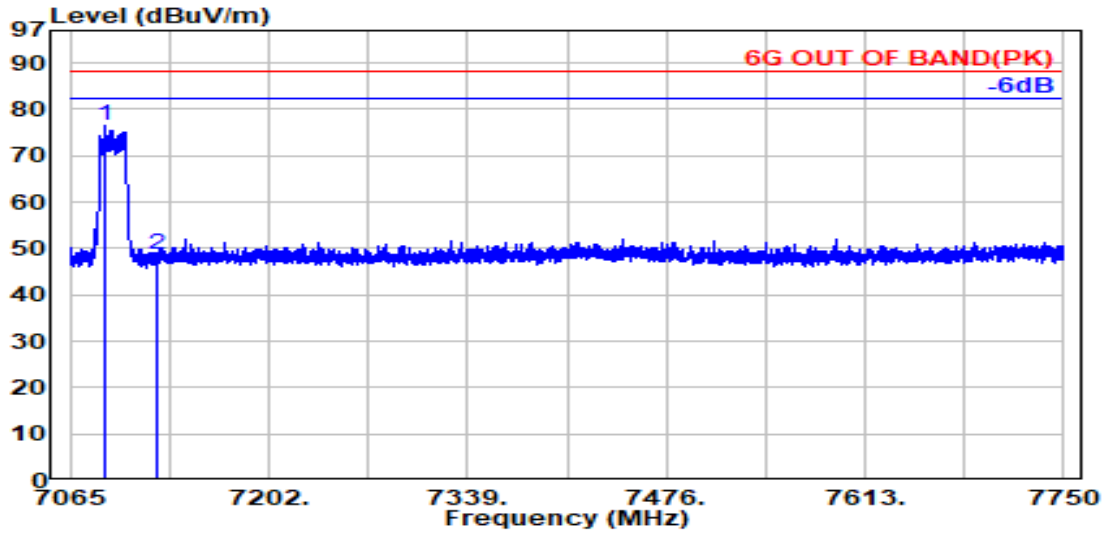


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	35.15	39.30	68.20	28.90	Average
@ 5957.000	34.29	9.31	39.35	76.15	80.39	---	---	Average

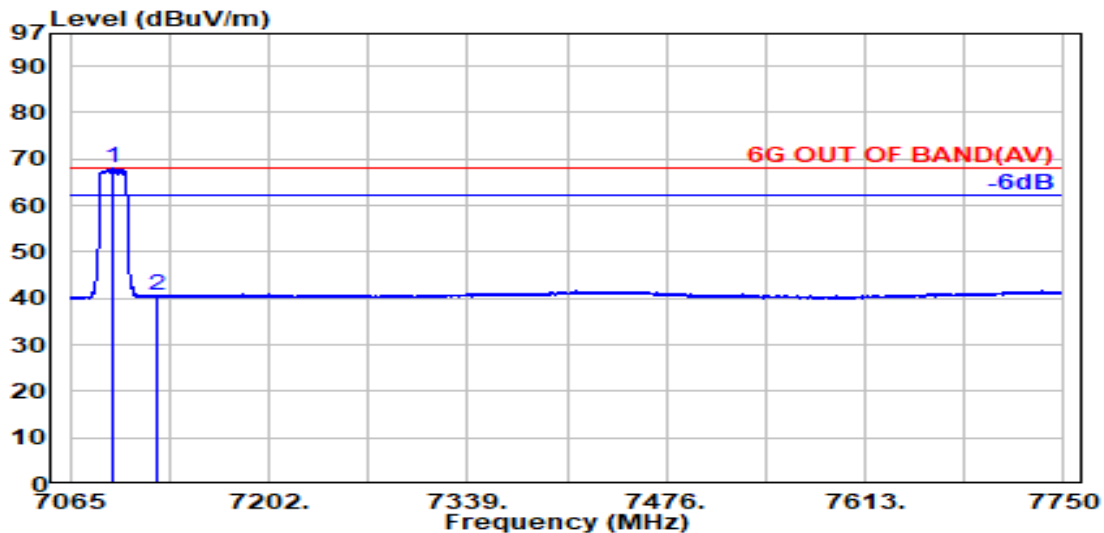
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	62
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7089.500	35.76	9.79	39.49	70.43	76.49	---	---	Peak
	7125.000	35.90	9.82	39.50	42.42	48.64	88.20	39.56	Peak

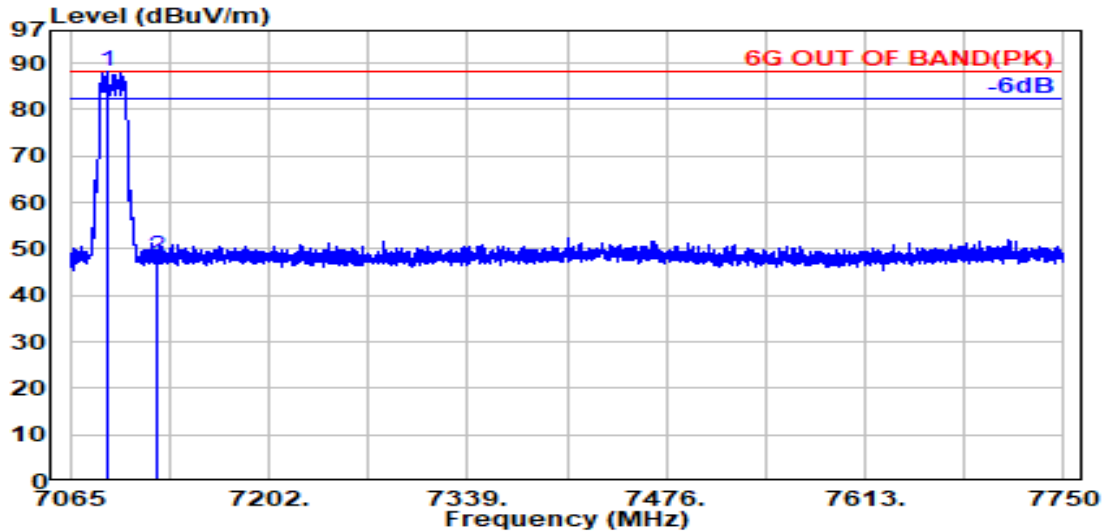


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7095.200	35.78	9.80	39.49	61.91	67.99	---	---	Average
	7125.000	35.90	9.82	39.50	34.52	40.75	68.20	27.45	Average

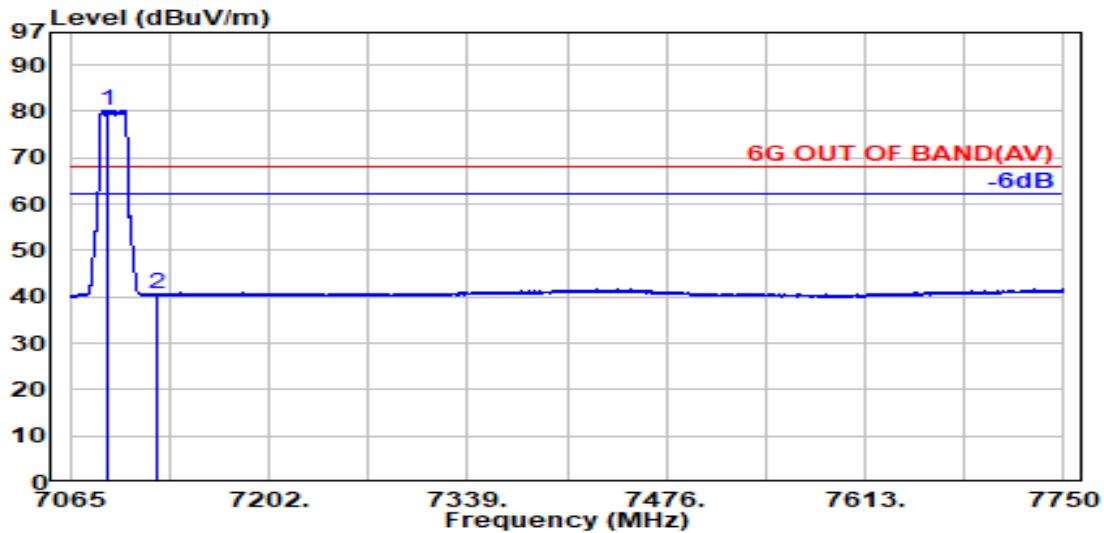
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	242T	RU Index	62
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7091.100	35.76	9.79	39.49	82.12	88.18	---	---	Peak
7125.000	35.90	9.82	39.50	42.01	48.23	88.20	39.97	Peak

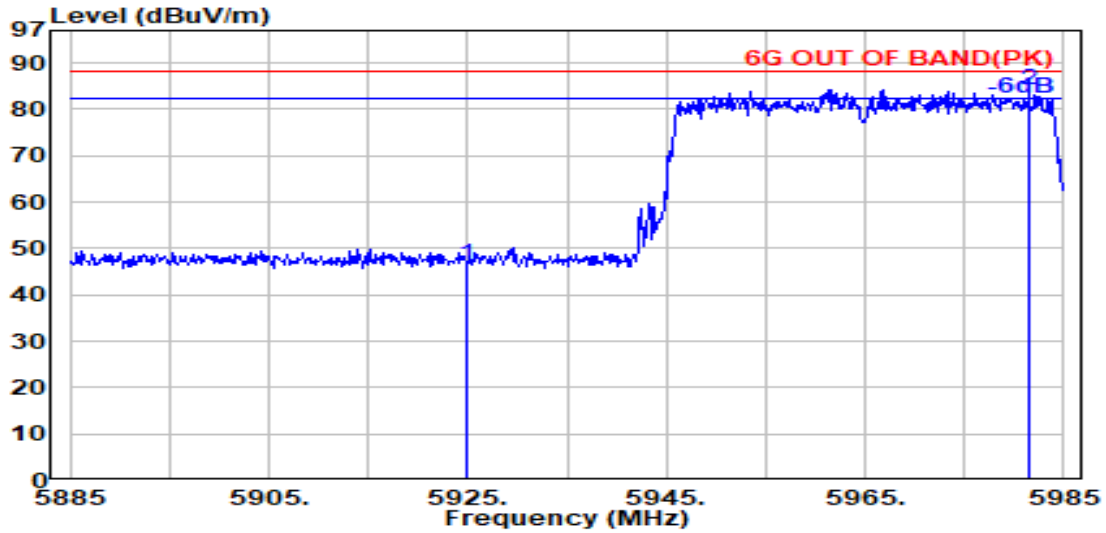


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7091.000	35.76	9.79	39.49	74.16	80.23	---	---	Average
7125.000	35.90	9.82	39.50	34.23	40.45	68.20	27.75	Average

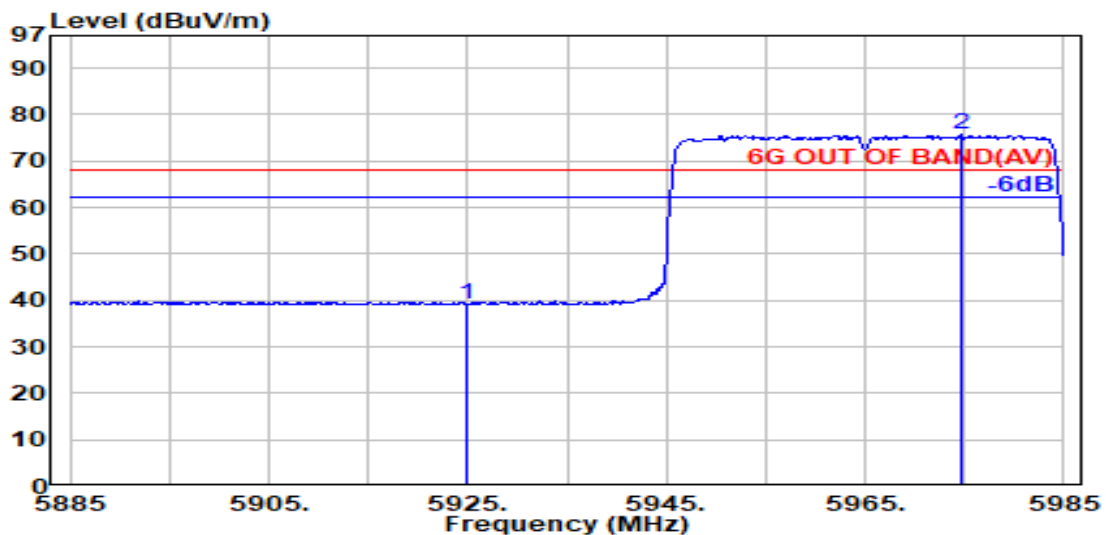
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	484T	RU Index	65
Mode	802.11ax-HE40	U-NII Band	5
		Frequency	TX 5965MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	42.33	46.48	88.20	41.72	Peak
@ 5981.500	34.24	9.32	39.36	79.99	84.20	---	---	Peak

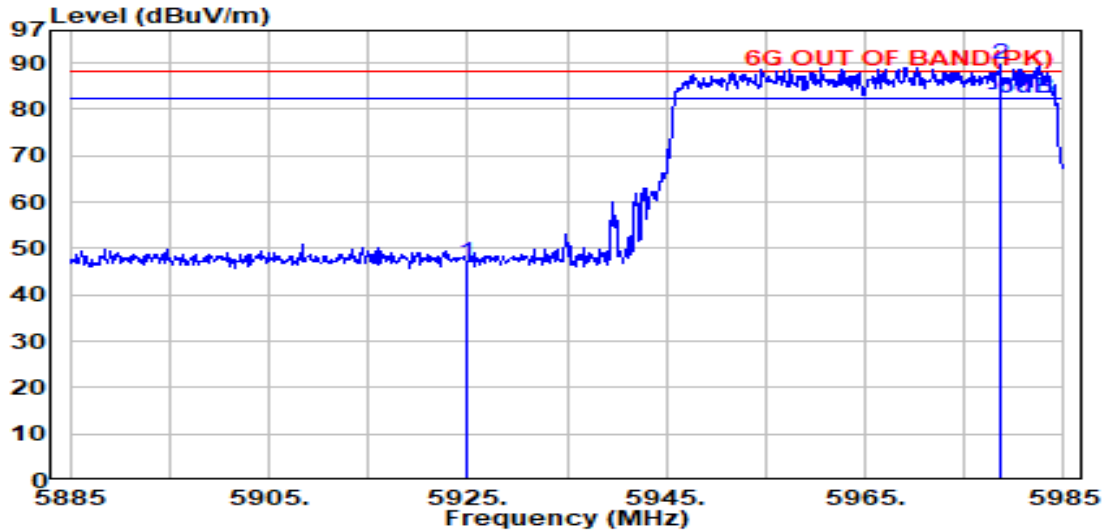


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	35.05	39.20	68.20	29.00	Average
@ 5974.600	34.25	9.32	39.36	71.42	75.63	---	---	Average

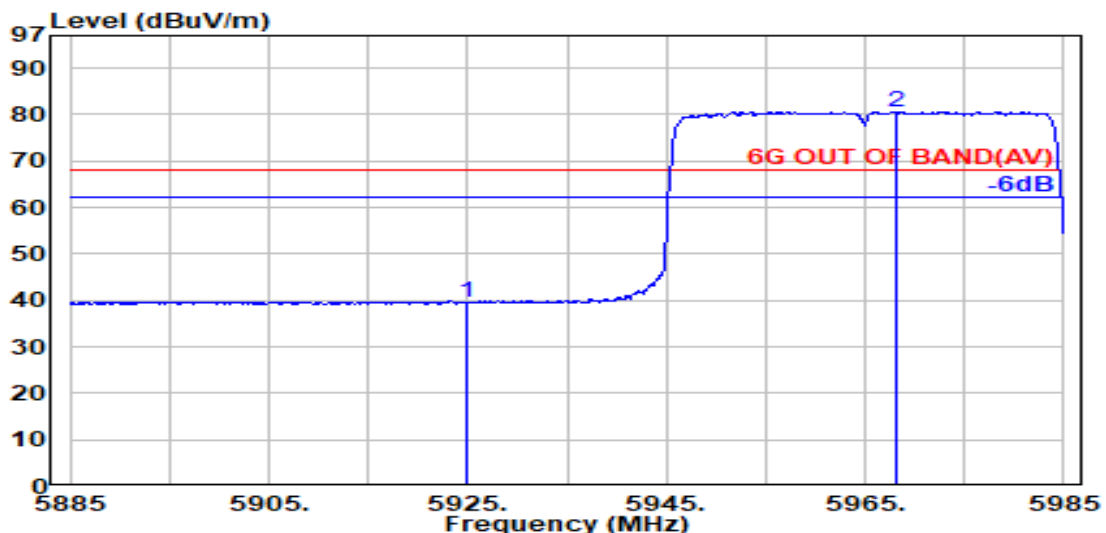
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	484T	RU Index	65
Mode	802.11ax-HE40	U-NII Band	5
		Frequency	TX 5965MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	42.76	46.90	88.20	41.30	Peak
@ 5978.600	34.24	9.32	39.36	85.35	89.56	---	---	Peak



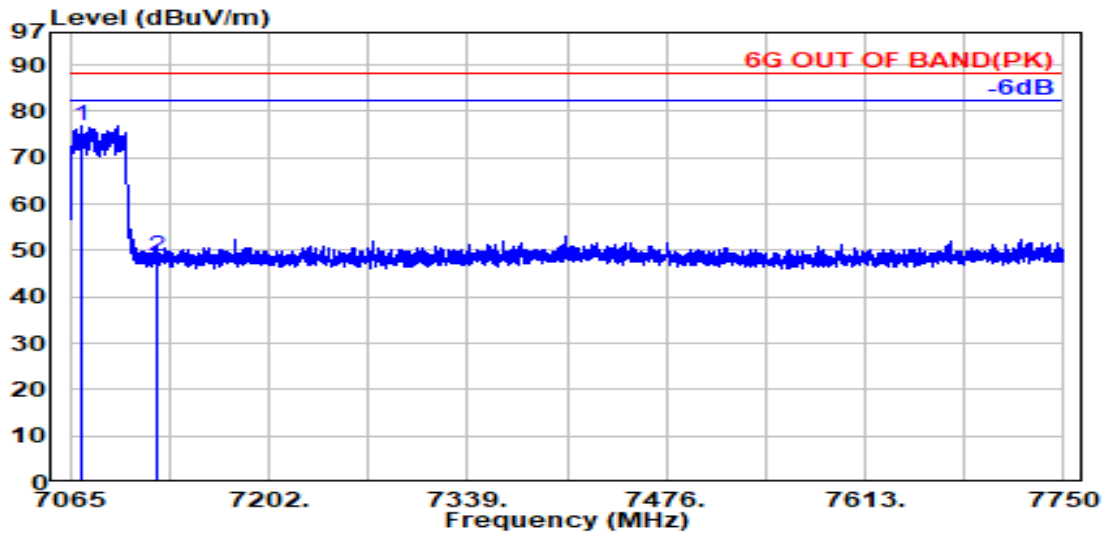
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	35.40	39.55	68.20	28.65	Average
@ 5968.200	34.26	9.31	39.35	76.44	80.67	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

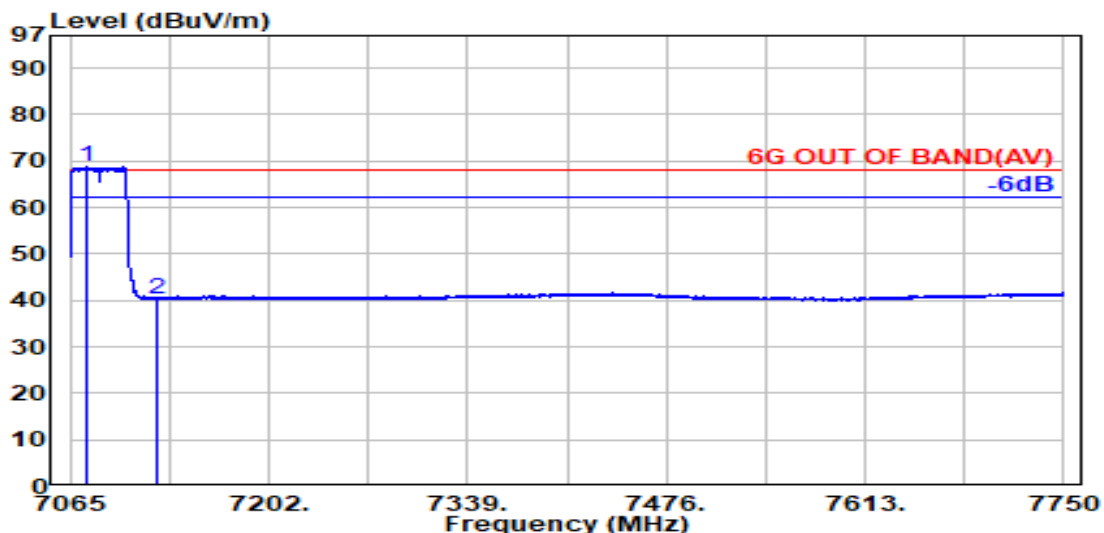


Tones	484T	RU Index	65
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7072.800	35.69	9.78	39.49	71.05	77.03	---	---	Peak
	7125.000	35.90	9.82	39.50	42.59	48.81	88.20	39.39	Peak

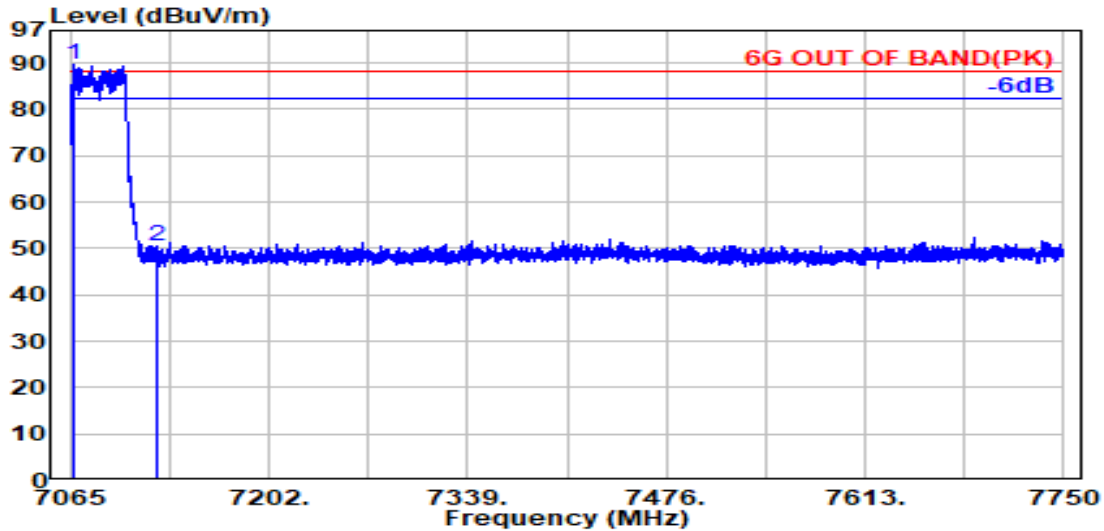


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7077.100	35.71	9.78	39.49	62.94	68.94	---	---	Average
	7125.000	35.90	9.82	39.50	34.21	40.43	68.20	27.77	Average

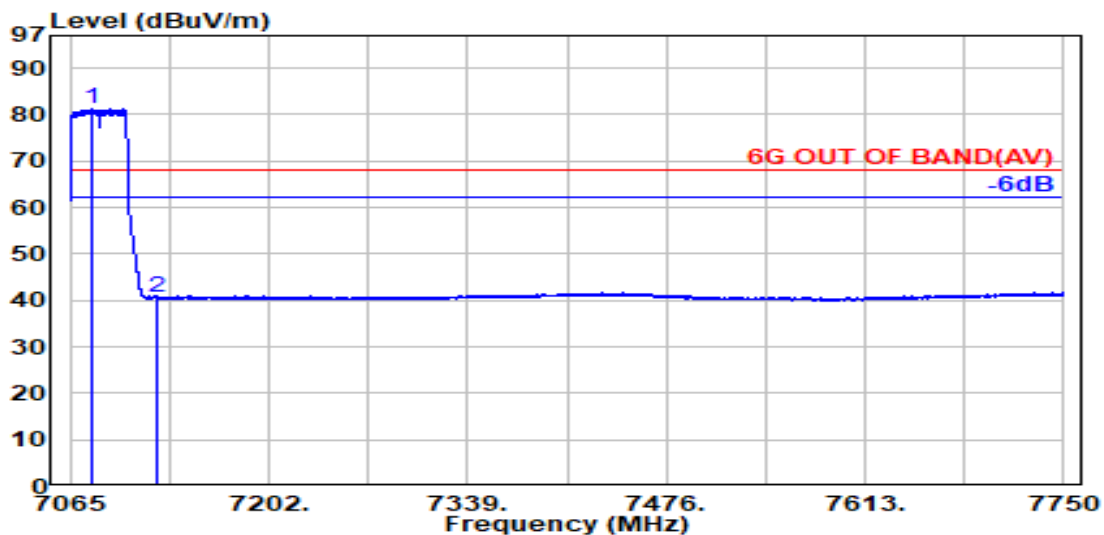
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	484T	RU Index	65
Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7067.800	35.67	9.77	39.49	83.69	89.64	---	---	Peak
	7125.000	35.90	9.82	39.50	44.28	50.50	88.20	37.70	Peak

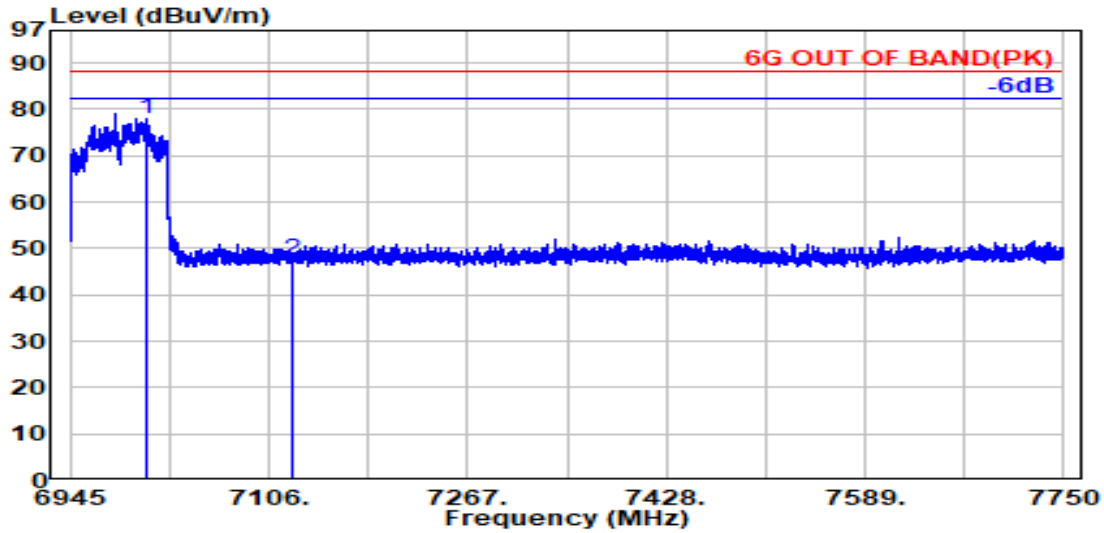


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	7079.900	35.72	9.78	39.49	75.40	81.41	---	---	Average
	7125.000	35.90	9.82	39.50	34.47	40.70	68.20	27.50	Average

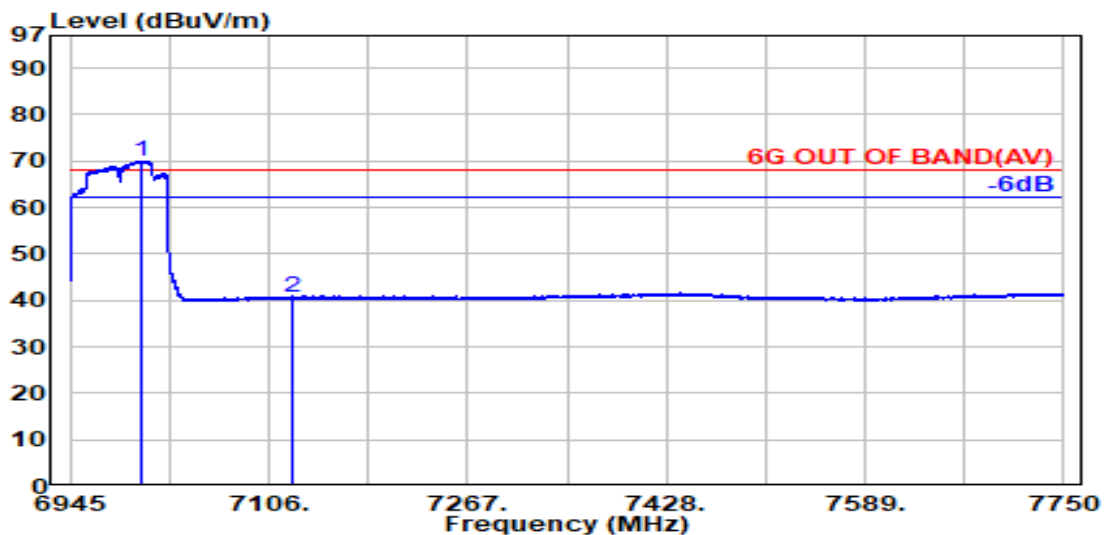
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	996T	RU Index	67
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 7025MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7007.700	35.52	9.72	39.47	72.03	77.79	---	---	Peak
7125.000	35.90	9.82	39.50	41.49	47.71	88.20	40.49	Peak

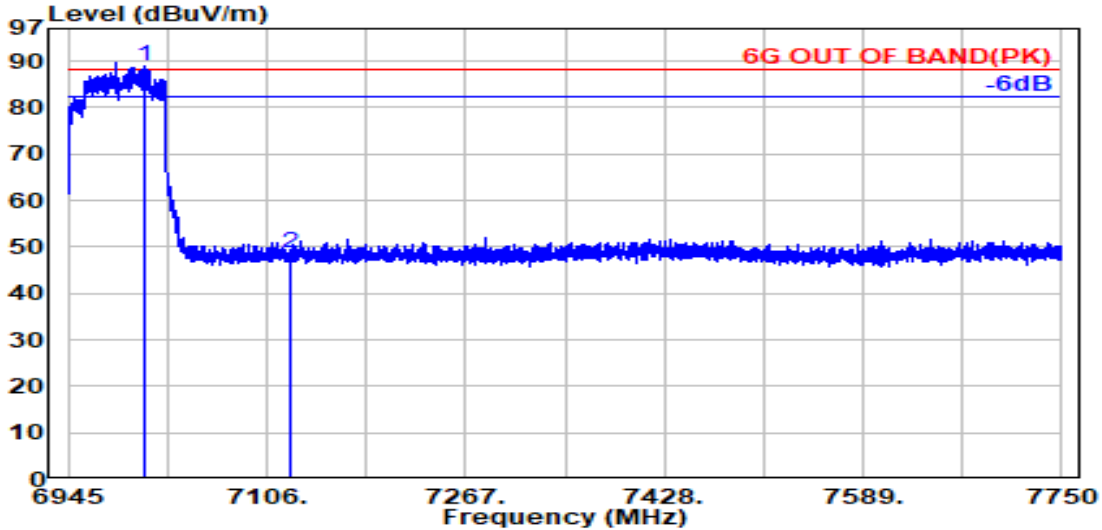


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7003.000	35.51	9.71	39.47	64.30	70.05	---	---	Average
7125.000	35.90	9.82	39.50	34.31	40.53	68.20	27.67	Average

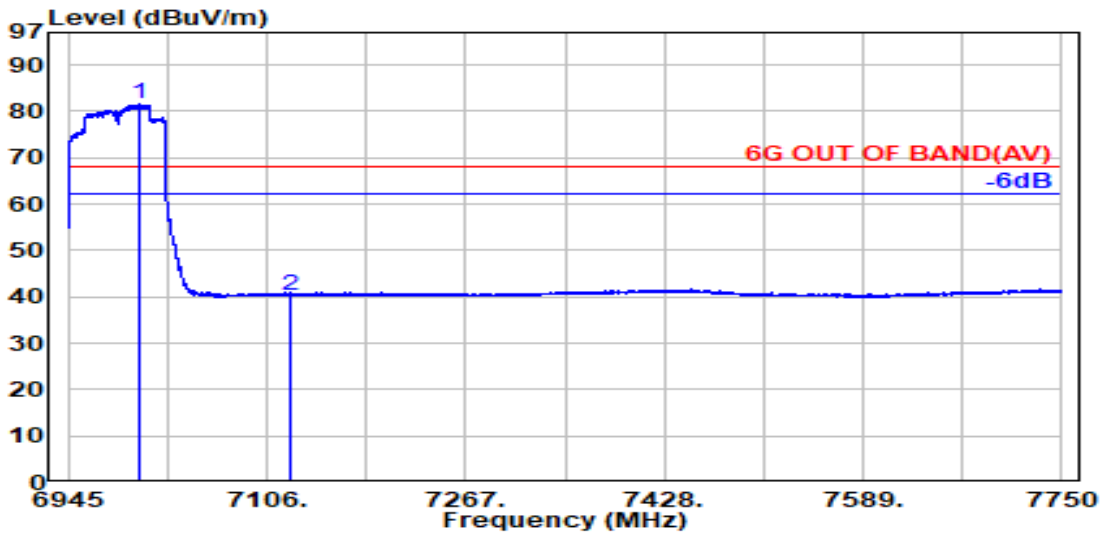
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	996T	RU Index	67
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 7025MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7007.300	35.51	9.72	39.47	83.18	88.94	---	---	Peak
7125.000	35.90	9.82	39.50	42.63	48.85	88.20	39.35	Peak

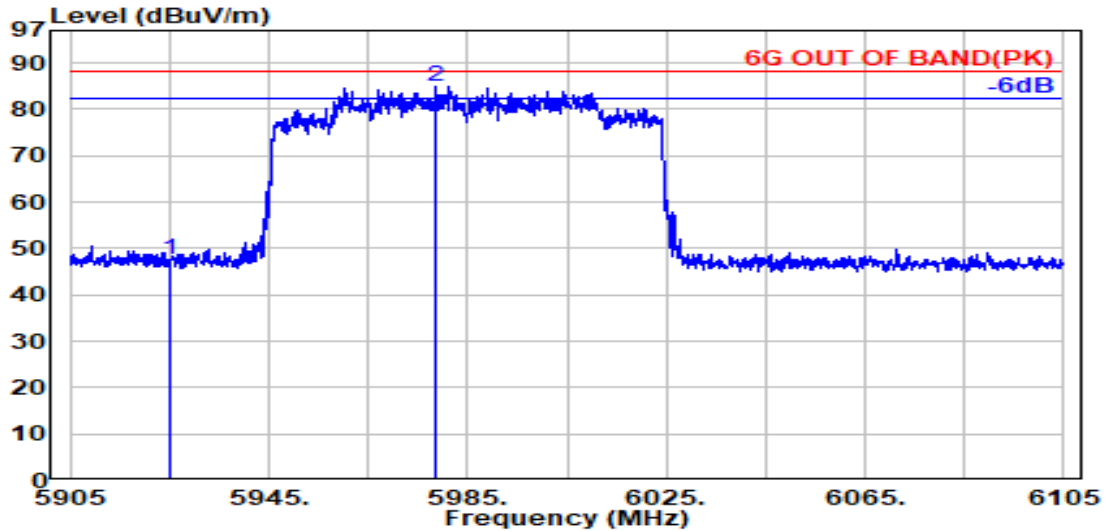


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 7003.200	35.51	9.71	39.47	75.70	81.45	---	---	Average
7125.000	35.90	9.82	39.50	34.15	40.37	68.20	27.83	Average

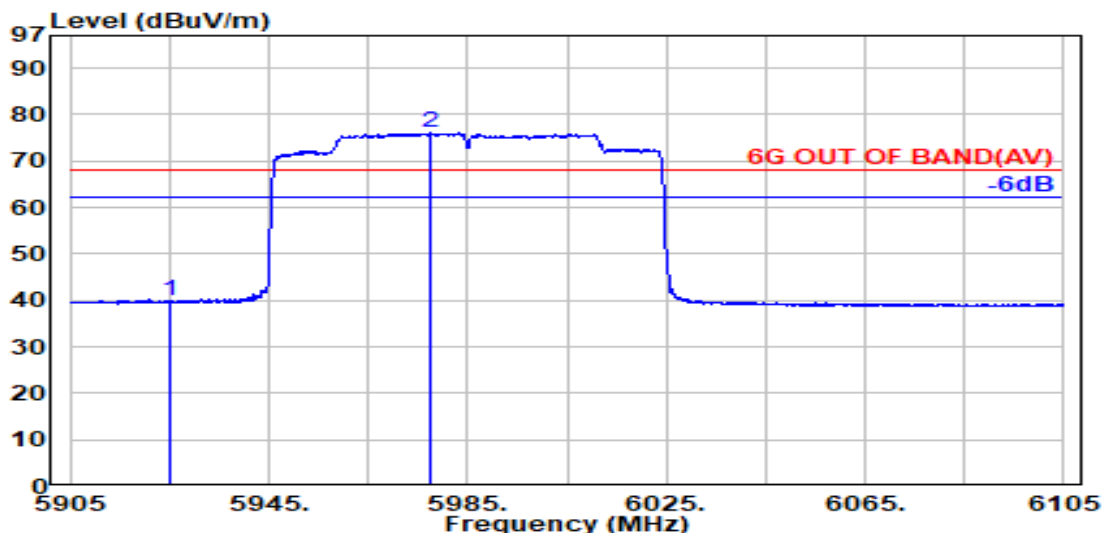
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	996T	RU Index	67
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 6025MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	43.49	47.64	88.20	40.56	Peak
@ 5978.500	34.24	9.32	39.36	80.83	85.03	---	---	Peak

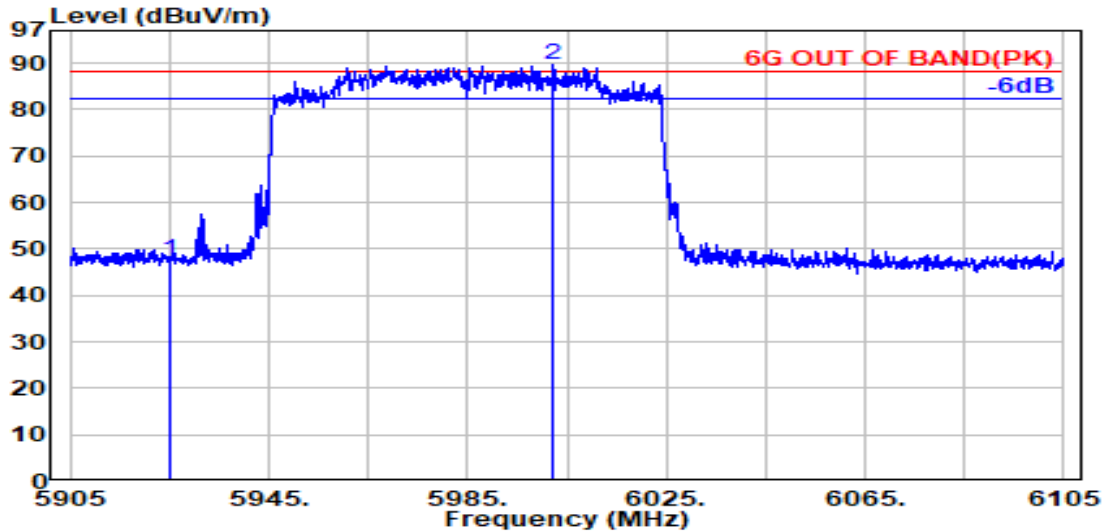


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	35.74	39.89	68.20	28.31	Average
@ 5977.600	34.24	9.32	39.36	71.81	76.02	---	---	Average

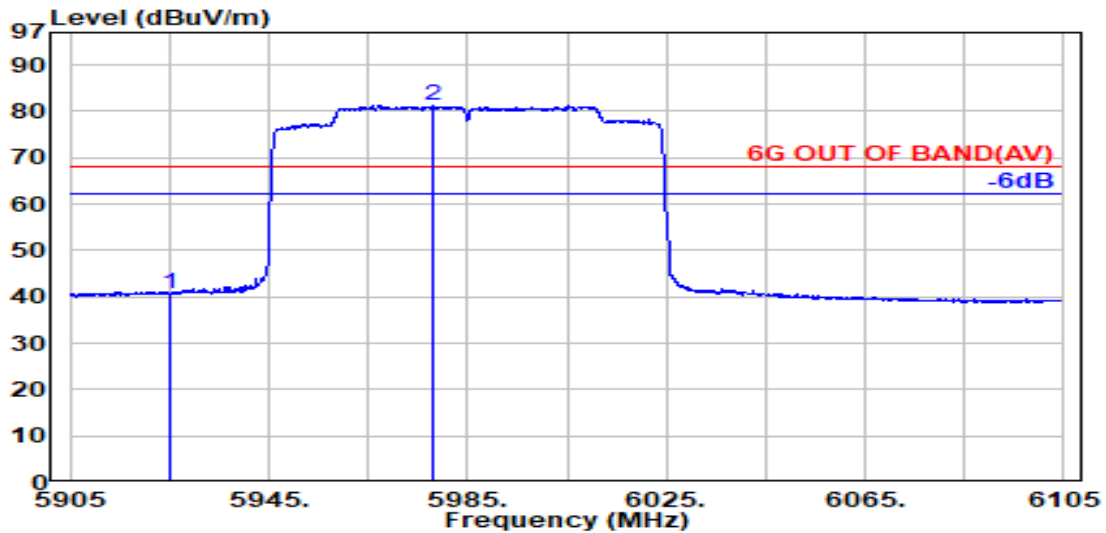
Remark: The “@” means fundamental frequency, it is ignored in this section.

Tones	996T	RU Index	67
Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6025MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	43.60	47.75	88.20	40.45	Peak
@ 6002.300	34.20	9.33	39.36	85.38	89.55	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5925.000	34.20	9.29	39.35	36.56	40.71	68.20	27.49	Average
@ 5977.900	34.24	9.32	39.36	77.05	81.26	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

### A.2.2 Emissions outside the frequency band

The emissions (up to 40GHz) not reported for there is no emission be found.

- For U-NII Band 5 Mode
- OFDM Modulation

Mode	802.11ax-HE20	U-NII Band	5
		Frequency	TX 5955MHz

#### Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11910.000	39.28	14.05	39.34	32.71	46.70	54.00	7.30	Peak

#### Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11910.000	39.28	14.05	39.34	33.30	47.29	54.00	6.71	Peak

Mode	802.11ax-HE40	U-NII Band	5
		Frequency	TX 5965MHz

#### Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11930.000	39.24	14.07	39.35	33.55	47.52	54.00	6.48	Peak

#### Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11930.000	39.24	14.07	39.35	31.55	45.52	54.00	8.48	Peak

Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 6385MHz

#### Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
12770.000	39.10	14.81	38.21	32.16	47.86	54.00	6.14	Peak

#### Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
12770.000	39.10	14.81	38.21	32.06	47.76	54.00	6.24	Peak

Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345MHz

**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
12690.000	39.08	14.74	38.38	33.33	48.77	54.00	5.23	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
12690.000	39.08	14.74	38.38	32.92	48.37	54.00	5.63	Peak



● OFDMA Modulation

Tones	26T	RU Index	18
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985 MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11970.000	39.16	14.11	39.37	32.33	46.23	54.00	7.77	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11970.000	39.16	14.11	39.37	33.43	47.34	54.00	6.66	Peak

Tones	52T	RU Index	44
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985 MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11970.000	39.16	14.11	39.37	32.57	46.47	54.00	7.53	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11970.000	39.16	14.11	39.37	33.66	47.56	54.00	6.44	Peak

Tones	106T	RU Index	56
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 5985 MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11970.000	39.16	14.11	39.37	32.79	46.69	54.00	7.31	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11970.000	39.16	14.11	39.37	34.10	48.00	54.00	6.00	Peak

Tones	242T	RU Index	62
Mode	802.11ax-HE80	U-NII Band	5
		Frequency	TX 6025 MHz

**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
12050.000	39.00	14.18	39.32	33.90	47.76	54.00	6.24	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
12050.000	39.00	14.18	39.32	32.52	46.39	54.00	7.61	Peak

Tones	484T	RU Index	65
Mode	802.11ax-HE40	U-NII Band	5
		Frequency	TX 5965 MHz

**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
11930.000	39.24	14.07	39.35	33.24	47.21	54.00	6.79	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
11930.000	39.24	14.07	39.35	31.75	45.71	54.00	8.29	Peak

Tones	996T	RU Index	67
Mode	802.11ax-HE160	U-NII Band	5
		Frequency	TX 6345 MHz

**Antenna at Horizontal Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
12690.000	39.08	14.74	38.38	32.27	47.71	54.00	6.29	Peak

**Antenna at Vertical Polarization**

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
12690.000	39.08	14.74	38.38	32.42	47.86	54.00	6.14	Peak

● SPOT CHECK For U-NII Band 6 ~ 8 Original Report Worse Mode

Mode	802.11ax-HE40	U-NII Band	8
		Frequency	TX 7085MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
14170.000	39.20	17.25	33.13	26.88	50.20	54.00	3.80	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector
14170.000	39.20	17.25	33.13	26.05	49.37	54.00	4.63	Peak

### A.3 MAXIMUM CONDUCTED OUTPUT POWER

Test Date	2023/06/29~07/18	Temp./Hum.	25~26°C/51~55%
Cable Loss	0.5dB	Tested By	Sam Chang
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

#### A.3.1 Conducted Output Power Result

- SPOT CHECK Power
- OFDM Modulation

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) <sup>Note3</sup>	Total E.I.R.P. (dBm) <sup>Note2</sup>	Limit
			AUX	Main				
802.11ax-HE20	5	5955	1.65	1.17	N/A	4.28	8.71	24dBm
		6175	1.45	1.19		4.28	8.61	
		6415	1.37	1.22		4.28	8.59	
	6	6435	1.33	1.31		0.11	4.44	
		6475	1.60	1.41		0.11	4.63	
		6515	1.41	1.30		0.11	4.48	
	7	6535	0.77	0.58		2.24	5.93	
		6695	0.85	0.10		2.24	5.74	
		6855	0.97	0.09		2.24	5.80	
	8	6875	1.04	0.25		2.24	5.91	
		6995	0.83	0.12		1.26	4.76	
		7115	-3.53	-2.88		1.26	1.08	
802.11ax-HE40	5	5965	5.10	5.23	N/A	4.28	12.46	24dBm
		6165	5.06	5.05		4.28	12.35	
		6405	4.82	4.92		4.28	12.16	
	6	6445	4.94	5.31		0.11	8.25	
		6485	5.12	5.18		0.11	8.27	
	7	6525	5.15	5.18		2.24	10.42	
		6685	4.36	4.16		2.24	9.51	
	8	6845	4.51	4.07		2.24	9.55	
		6885	4.49	4.15		1.26	8.59	
		7005	4.46	4.09		1.26	8.55	
		7085	4.57	4.35		1.26	8.73	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi

Directional gain:

5925-6425MHz: Directional gain =  $10 \log[(10^{3.70/10} + 10^{4.80/10})/2]$ = 4.28dBi

6425-6525MHz: Directional gain =  $10 \log[(10^{-1.0/10} + 10^{1.0/10})/2]$ = 0.11dBi

6525-6875MHz: Directional gain =  $10 \log[(10^{2.86/10} + 10^{1.60/10})/2]$ = 0.24dBi

6875-7125MHz: Directional gain =  $10 \log[(10^{-1.40/10} + 10^{2.90/10})/2]$ = 1.26dBi

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

3. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) <sup>Note3</sup>	Total E.I.R.P. (dBm) <sup>Note2</sup>	Limit
			AUX	Main				
802.11ax-HE80	5	5985	6.78	6.35	N/A	4.28	13.86	24dBm
		6145	6.55	6.06		4.28	13.60	
		6385	7.02	6.34		4.28	13.98	
	6	6465	7.16	6.18		0.11	9.82	
		6545	6.92	6.16		2.24	11.81	
		6625	6.01	5.33		2.24	10.93	
	7	6705	5.97	5.25		2.24	10.88	
		6785	5.94	5.02		2.24	10.75	
		6865	6.02	5.02		2.24	10.80	
	8	6945	5.94	5.29		1.26	9.90	
		7025	6.10	5.53		1.26	10.09	
		6025	9.88	9.03		4.28	16.77	
802.11ax-HE160	5	6185	9.69	8.99	N/A	4.28	16.64	
		6345	10.09	9.20		4.28	16.96	
		6505	9.68	9.05		0.11	12.50	
	7	6665	8.79	7.95		2.24	13.64	
		6825	8.92	8.04		2.24	13.75	
	8	6985	9.01	8.28		1.26	12.93	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]  
 2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.  
 3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
 Directional gain:  
 5925-6425MHz: Directional gain =  $10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28$  dBi  
 6425-6525MHz: Directional gain =  $10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11$  dBi  
 6525-6875MHz: Directional gain =  $10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24$  dBi  
 6875-7125MHz: Directional gain =  $10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26$  dBi  
 The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).  
 3. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

● OFDMA Modulation

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 4			RU Index 8				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	26T	-6.09	-5.87	0.223	-6.09	-5.87	0.223	-6.20	-6.00	0.223	4.28	1.53
		6175		-7.47	-7.64	0.223	-7.16	-7.40	0.223	-7.48	-7.73	0.223	4.28	0.23
		6415		-7.61	-8.16	0.223	-7.62	-7.97	0.223	-8.03	-8.28	0.223	4.28	-0.28
	6	6435		-7.59	-8.04	0.223	-7.74	-7.79	0.223	-7.83	-8.07	0.223	0.11	-4.42
		6475		-7.97	-8.06	0.223	-7.76	-8.03	0.223	-8.02	-8.27	0.223	0.11	-4.55
		6515		-8.14	-8.27	0.223	-7.87	-8.22	0.223	-8.29	-8.45	0.223	0.11	-4.70
	7	6535		-8.79	-9.16	0.223	-8.78	-9.04	0.223	-9.17	-9.38	0.223	2.24	-3.43
		6695		-9.41	-9.08	0.223	-9.20	-8.71	0.223	-9.54	-8.93	0.223	2.24	-3.47
		6855		-8.87	-8.70	0.223	-8.94	-8.40	0.223	-9.01	-8.75	0.223	2.24	-3.19
	8	6875		-9.16	-8.85	0.223	-9.18	-8.55	0.223	-9.33	-8.78	0.223	2.24	-3.38
		6995		-8.10	-8.03	0.223	-7.90	-7.88	0.223	-8.13	-7.98	0.223	1.26	-3.40
		7115		-7.93	-7.68	0.223	-7.80	-7.46	0.223	-7.96	-7.71	0.223	1.26	-3.13

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 8			RU Index 17				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	26T	-6.26	-5.90	0.223	-5.94	-5.97	0.223	-6.02	-5.99	0.223	4.28	1.56
		6165		-7.11	-7.50	0.223	-7.16	-7.67	0.223	-7.30	-7.50	0.223	4.28	0.21
		6405		-7.59	-7.98	0.223	-7.78	-8.11	0.223	-7.87	-8.13	0.223	4.28	-0.27
	6	6445		-7.73	-7.83	0.223	-8.02	-8.04	0.223	-7.92	-8.18	0.223	0.11	-4.44
		6485		-8.01	-8.03	0.223	-8.16	-8.25	0.223	-8.16	-8.31	0.223	0.11	-4.68
		6525		-8.12	-8.34	0.223	-8.25	-8.43	0.223	-8.21	-8.53	0.223	2.24	-2.76
	7	6685		-9.38	-8.98	0.223	-9.45	-9.08	0.223	-9.38	-9.04	0.223	2.24	-3.70
		6845		-8.81	-8.45	0.223	-8.93	-8.57	0.223	-9.12	-8.62	0.223	2.24	-3.15
		6885		-9.18	-8.76	0.223	-9.26	-8.76	0.223	-9.29	-9.18	0.223	1.26	-4.47
	8	7005		-7.98	-8.03	0.223	-8.23	-8.12	0.223	-8.28	-8.15	0.223	1.26	-3.51
		7085		-7.63	-7.39	0.223	-7.72	-7.57	0.223	-8.62	-8.36	0.223	1.26	-3.02

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	26T	-6.17	-5.78	0.223	1.54	-7.00	0.223	-6.27	-6.15	0.223	4.28	2.05
		6145		-7.11	-7.16	0.223	0.38	-7.00	0.223	-7.69	-7.66	0.223	4.28	0.68
		6385		-7.62	-7.91	0.223	-0.25	-7.00	0.223	-8.07	-8.23	0.223	4.28	0.24
	6	6465		-8.31	-7.97	0.223	-4.79	-7.00	0.223	-8.52	-8.42	0.223	0.11	-4.31
		6545		-8.46	-8.32	0.223	-2.92	-7.00	0.223	-9.04	-8.82	0.223	2.24	-2.60
		6625		-9.82	-9.13	0.223	-3.99	-7.75	0.223	-9.95	-8.94	0.223	2.24	-3.21
	7	6705		-9.78	-8.97	0.223	-3.88	-7.75	0.223	-10.06	-9.03	0.223	2.24	-3.36
		6785		-8.95	-8.53	0.223	-3.26	-7.75	0.223	-9.17	-8.55	0.223	2.24	-2.67
		6865		-9.23	-8.55	0.223	-3.40	-7.75	0.223	-9.85	-9.05	0.223	2.24	-2.87
	8	6945		-8.15	-7.45	0.223	-3.29	-7.75	0.223	-8.64	-8.01	0.223	1.26	-2.79
		7025		-8.40	-8.12	0.223	-3.76	-7.75	0.223	-8.98	-8.49	0.223	1.26	-3.33

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	26T	-7.79	-7.96	0.223	-6.40	-6.62	0.223	-6.23	-5.84	0.223	4.28	1.48
		6185		-9.05	-8.61	0.223	-7.85	-7.61	0.223	-7.41	-7.24	0.223	4.28	0.19
		6345		-9.59	-8.81	0.223	-8.27	-7.65	0.223	-7.93	-7.21	0.223	4.28	-0.04
	6	6505		-9.76	-9.38	0.223	-8.74	-8.29	0.223	-8.17	-7.99	0.223	0.11	-4.74
		6665		-10.70	-10.94	0.223	-9.37	-9.61	0.223	-9.11	-9.33	0.223	2.24	-3.75
	7	6825		-10.00	-10.24	0.223	-8.77	-9.06	0.223	-8.26	-8.66	0.223	2.24	-2.98
		6985		-9.29	-9.28	0.223	-8.36	-8.54	0.223	-7.96	-7.77	0.223	1.26	-3.37

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S0			RU Index S18			RU Index S36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	26T	-6.04	-5.89	0.223	-6.81	-6.55	0.223	-8.45	-7.98	0.223	4.28	1.55
		6185		-7.54	-7.18	0.223	-7.97	-7.75	0.223	-9.42	-9.27	0.223	4.28	0.16
		6345		-7.84	-7.31	0.223	-8.19	-7.84	0.223	-9.97	-9.60	0.223	4.28	-0.05
	6	6505		-8.04	-8.05	0.223	-8.99	-8.70	0.223	-10.64	-10.35	0.223	0.11	-4.70
		6665		-8.83	-9.29	0.223	-9.21	-9.87	0.223	-10.54	-11.16	0.223	2.24	-3.58
	7	6825		-8.29	-8.77	0.223	-8.98	-9.47	0.223	-10.66	-11.01	0.223	2.24	-3.05
		6985		-7.92	-7.99	0.223	-8.53	-8.69	0.223	-10.04	-10.32	0.223	1.26	-3.46

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 52T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 39			RU Index 40				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	52T	-2.97	-2.55	0.119	-2.65	-2.62	0.119	-2.80	-2.76	0.119	4.28	4.774
		6175		-3.98	-4.40	0.119	-4.08	-4.17	0.119	-4.17	-4.42	0.119	4.28	3.285
		6415		-4.31	-4.82	0.119	-4.32	-4.98	0.119	-4.70	-5.00	0.119	4.28	2.852
	6	6435		-4.63	-4.85	0.119	-4.53	-4.78	0.119	-4.69	-4.88	0.119	0.11	-1.414
		6475		-4.75	-4.96	0.119	-4.87	-4.91	0.119	-4.81	-4.92	0.119	0.11	-1.614
		6515		-4.80	-5.15	0.119	-4.75	-5.12	0.119	-4.84	-5.13	0.119	0.11	-1.692
	7	6535		-5.64	-5.86	0.119	-5.74	-6.01	0.119	-5.87	-5.96	0.119	2.24	-0.379
		6695		-6.21	-5.72	0.119	-6.03	-5.67	0.119	-6.14	-5.79	0.119	2.24	-0.477
		6855		-5.71	-5.41	0.119	-5.79	-5.46	0.119	-5.82	-5.45	0.119	2.24	-0.188
	8	6875		-6.03	-5.61	0.119	-5.85	-5.52	0.119	-6.05	-5.61	0.119	2.24	-0.313
		6995		-4.98	-4.74	0.119	-4.93	-4.83	0.119	-5.13	-4.93	0.119	1.26	-0.469
		7115		-4.70	-4.54	0.119	-4.61	-4.42	0.119	-8.49	-8.22	0.119	1.26	-0.125

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 40			RU Index 44				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	52T	-3.19	-2.71	0.119	-2.96	-2.95	0.119	-3.14	-2.83	0.119	4.28	4.47
		6165		-4.07	-4.43	0.119	-3.99	-4.40	0.119	-4.25	-4.51	0.119	4.28	3.22
		6405		-4.41	-5.02	0.119	-4.52	-4.99	0.119	-4.71	-5.10	0.119	4.28	2.71
	6	6445		-4.82	-4.83	0.119	-4.75	-4.90	0.119	-4.71	-5.02	0.119	0.11	-1.59
		6485		-4.80	-5.03	0.119	-4.77	-5.07	0.119	-4.71	-5.16	0.119	0.11	-1.67
	7	6525		-5.09	-5.20	0.119	-5.14	-5.32	0.119	-5.11	-5.30	0.119	2.24	0.22
		6685		-6.19	-5.83	0.119	-6.21	-5.84	0.119	-6.28	-5.87	0.119	2.24	-0.64
		6845		-5.73	-5.44	0.119	-5.89	-5.41	0.119	-6.00	-5.61	0.119	2.24	-0.21
	8	6885		-5.95	-5.69	0.119	-6.21	-5.65	0.119	-6.18	-5.99	0.119	1.26	-1.43
		7005		-4.95	-4.74	0.119	-5.07	-4.95	0.119	-5.15	-5.01	0.119	1.26	-0.45
		7085		-4.60	-4.26	0.119	-4.61	-4.51	0.119	-4.77	-4.50	0.119	1.26	-0.04

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.



Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	52T	-2.85	-3.22	0.119	-2.49	-2.74	0.119	-3.12	-3.25	0.119	4.28	4.80
		6145		-4.14	-4.06	0.119	-3.81	-3.86	0.119	-4.55	-4.66	0.119	4.28	3.57
		6385		-4.86	-4.64	0.119	-4.53	-4.38	0.119	-5.43	-5.32	0.119	4.28	2.95
	6	6465		-5.11	-5.40	0.119	-4.87	-5.02	0.119	-5.39	-5.75	0.119	0.11	-1.71
		6545		-5.37	-5.65	0.119	-5.20	-5.33	0.119	-5.78	-6.14	0.119	2.24	0.10
	7	6625		-5.93	-6.71	0.119	-5.75	-6.36	0.119	-6.19	-7.14	0.119	2.24	-0.67
		6705		-6.08	-6.95	0.119	-5.49	-6.61	0.119	-5.98	-7.22	0.119	2.24	-0.64
		6785		-5.42	-6.27	0.119	-5.18	-5.86	0.119	-5.48	-6.49	0.119	2.24	-0.14
	8	6865		-5.60	-6.55	0.119	-5.18	-6.30	0.119	-6.11	-7.17	0.119	2.24	-0.33
		6945		-4.94	-5.39	0.119	-4.16	-5.07	0.119	-5.10	-5.62	0.119	1.26	-0.20
		7025		-5.07	-5.87	0.119	-4.89	-5.46	0.119	-5.53	-6.22	0.119	1.26	-0.78

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	52T	-4.34	-4.44	0.119	-3.33	-3.45	0.119	-2.91	-2.71	0.119	4.28	4.60
		6185		-5.79	-5.27	0.119	-4.61	-4.34	0.119	-4.25	-4.04	0.119	4.28	3.27
		6345		-6.22	-5.82	0.119	-5.14	-4.49	0.119	-4.54	-4.04	0.119	4.28	3.13
	6	6505		-6.54	-6.46	0.119	-5.49	-5.38	0.119	-5.15	-4.96	0.119	0.11	-1.81
		6665		-7.40	-7.87	0.119	-6.16	-6.70	0.119	-5.78	-6.25	0.119	2.24	-0.64
	7	6825		-6.91	-7.32	0.119	-5.75	-6.20	0.119	-5.28	-5.81	0.119	2.24	-0.17
		6985		-5.83	-6.37	0.119	-5.04	-5.31	0.119	-4.68	-4.94	0.119	1.26	-0.42

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S37			RU Index S44			RU Index S52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	52T	-2.99	-3.05	0.119	-3.59	-3.41	0.119	-5.34	-4.80	0.119	4.28	4.39
		6185		-4.45	-3.99	0.119	-4.92	-4.59	0.119	-6.25	-6.30	0.119	4.28	3.20
		6345		-4.57	-4.28	0.119	-5.09	-4.71	0.119	-6.96	-6.27	0.119	4.28	2.99
	6	6505		-4.95	-4.96	0.119	-5.92	-5.48	0.119	-7.40	-7.15	0.119	0.11	-1.72
		6665		-5.87	-6.33	0.119	-6.26	-6.72	0.119	-7.51	-8.10	0.119	2.24	-0.72
	7	6825		-5.17	-5.91	0.119	-5.91	-6.40	0.119	-7.51	-8.03	0.119	2.24	-0.15
		6985		-4.62	-5.15	0.119	-5.43	-5.56	0.119	-7.14	-7.13	0.119	1.26	-0.49

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 106T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	106T	0.24	0.33	N/A	0.10	0.22	N/A	4.28	7.58
		6175		-0.77	-1.14	N/A	-0.96	-1.27	N/A	4.28	6.34
		6415		-1.25	-1.92	N/A	-1.40	-1.94	N/A	4.28	5.72
	6	6435		-1.59	-1.69	N/A	-1.41	-1.58	N/A	0.11	1.63
		6475		-1.51	-1.83	N/A	-1.78	-1.81	N/A	0.11	1.45
		6515		-1.66	-1.92	N/A	-1.67	-2.07	N/A	0.11	1.33
	7	6535		-2.59	-2.94	N/A	-2.74	-3.02	N/A	2.24	2.49
		6695		-3.27	-2.88	N/A	-3.05	-2.75	N/A	2.24	2.35
		6855		-2.61	-2.23	N/A	-2.84	-2.35	N/A	2.24	2.83
	8	6875		-2.75	-2.54	N/A	-2.83	-2.59	N/A	2.24	2.61
		6995		-1.75	-1.72	N/A	-1.89	-1.71	N/A	1.26	2.54
		7115		-1.59	-1.45	N/A	-8.63	-8.16	N/A	1.26	2.75

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54			RU Index 56				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	106T	0.06	0.12	N/A	0.00	0.24	N/A	0.22	0.03	N/A	4.28	7.42
		6165		-1.04	-1.32	N/A	-1.14	-1.41	N/A	-1.24	-1.44	N/A	4.28	6.11
		6405		-1.33	-1.99	N/A	-1.43	-1.93	N/A	-1.64	-2.03	N/A	4.28	5.64
	6	6445		-1.71	-1.89	N/A	-1.42	-1.71	N/A	-1.50	-1.92	N/A	0.11	1.56
		6485		-1.76	-1.91	N/A	-1.71	-1.96	N/A	-1.94	-2.11	N/A	0.11	1.29
	7	6525		-1.79	-2.16	N/A	-1.85	-2.21	N/A	-1.93	-2.42	N/A	2.24	3.28
		6685		-3.25	-2.90	N/A	-3.31	-2.71	N/A	-3.14	-2.78	N/A	2.24	2.29
		6845		-2.68	-2.35	N/A	-2.89	-2.36	N/A	-3.07	-2.50	N/A	2.24	2.74
	8	6885		-3.05	-2.62	N/A	-2.97	-2.56	N/A	-3.28	-2.83	N/A	1.26	1.51
		7005		-1.99	-1.85	N/A	-1.79	-1.89	N/A	-2.19	-2.02	N/A	1.26	2.43
		7085		-1.57	-1.34	N/A	-1.66	-1.42	N/A	-1.76	-1.44	N/A	1.26	2.82

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	106T	0.00	-0.20	N/A	0.51	0.16	N/A	-0.33	-0.32	N/A	4.28	7.63
		6145		-1.35	-1.20	N/A	-1.19	-0.93	N/A	-1.55	-1.61	N/A	4.28	6.23
		6385		-2.01	-1.91	N/A	-1.83	-1.52	N/A	-2.36	-2.27	N/A	4.28	5.62
	6	6465		-2.07	-2.42	N/A	-1.64	-2.21	N/A	-2.17	-2.61	N/A	0.11	1.20
		6545		-2.16	-2.76	N/A	-2.13	-2.53	N/A	-2.85	-3.12	N/A	2.24	2.92
		6625		-3.12	-3.92	N/A	-2.65	-3.58	N/A	-3.00	-4.13	N/A	2.24	2.16
	7	6705		-2.95	-4.14	N/A	-2.51	-3.76	N/A	-2.96	-4.25	N/A	2.24	2.16
		6785		-1.87	-2.86	N/A	-1.63	-2.65	N/A	-2.37	-3.30	N/A	2.24	3.14
		6865		-2.29	-3.28	N/A	-2.21	-3.17	N/A	-2.72	-3.78	N/A	2.24	2.59
	8	6945		-1.44	-2.05	N/A	-1.11	-1.79	N/A	-2.08	-2.43	N/A	1.26	2.83
		7025		-2.03	-2.38	N/A	-1.61	-2.39	N/A	-2.48	-2.82	N/A	1.26	2.29

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	106T	-1.36	-1.34	N/A	-0.38	-0.31	N/A	0.03	0.23	N/A	4.28	7.42
		6185		-2.52	-2.17	N/A	-1.51	-1.43	N/A	-1.30	-1.14	N/A	4.28	6.07
		6345		-3.32	-2.37	N/A	-2.18	-1.42	N/A	-1.64	-1.17	N/A	4.28	5.89
	6	6505		-3.23	-3.23	N/A	-2.24	-2.22	N/A	-1.99	-1.82	N/A	0.11	1.22
		6665		-4.37	-4.55	N/A	-3.56	-3.56	N/A	-2.77	-3.05	N/A	2.24	2.34
		6825		-3.81	-3.88	N/A	-3.13	-3.01	N/A	-2.46	-2.42	N/A	2.24	2.81
	8	6985		-2.79	-2.88	N/A	-1.94	-2.03	N/A	-1.64	-1.70	N/A	1.26	2.60

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S53			RU Index S56			RU Index S60				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	106T	0.10	0.19	N/A	-0.60	-0.21	N/A	-2.24	-1.80	N/A	4.28	7.44
		6185		-1.37	-0.87	N/A	-1.67	-1.55	N/A	-3.23	-3.07	N/A	4.28	6.18
		6345		-1.51	-1.10	N/A	-2.02	-1.66	N/A	-3.51	-3.08	N/A	4.28	5.99
	6	6505		-2.08	-1.83	N/A	-2.47	-2.41	N/A	-3.99	-4.00	N/A	0.11	1.17
		6665		-3.04	-3.28	N/A	-3.65	-3.70	N/A	-5.02	-4.96	N/A	2.24	2.09
		6825		-2.47	-2.29	N/A	-3.14	-2.98	N/A	-4.45	-4.62	N/A	2.24	2.87
	8	6985		-1.71	-1.57	N/A	-2.35	-2.16	N/A	-3.86	-3.62	N/A	1.26	2.63

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 242T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	242T	1.95	2.4	0.15	4.28	9.62
		6175		1.88	2.28	0.15	4.28	9.52
		6415		1.83	2.37	0.15	4.28	9.55
	6	6435		1.18	1.72	0.15	0.11	4.73
		6475		1.43	1.68	0.15	0.11	4.83
		6515		1.67	1.72	0.15	0.11	4.97
	7	6535		1.38	1.43	0.15	2.24	6.81
		6695		1.62	1.52	0.15	2.24	6.97
		6855		1.53	1.67	0.15	2.24	7.00
	8	6875		0.88	0.99	0.15	2.24	6.34
		6995		0.76	0.8	0.15	1.26	5.20
		7115		-2.98	-2.8	0.15	1.26	1.53

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	242T	1.92	1.17	0.15	1.72	1.07	0.15	4.28	9.00
		6165		1.56	1.24	0.15	1.47	0.97	0.15	4.28	8.84
		6405		1.62	1.25	0.15	1.63	1.35	0.15	4.28	8.93
	6	6445		1.02	0.95	0.15	1.22	0.96	0.15	0.11	4.36
		6485		1.17	0.77	0.15	1.02	1.33	0.15	0.11	4.45
	7	6525		1.39	0.82	0.15	2.05	1.34	0.15	2.24	7.11
		6685		1.04	0.13	0.15	1.25	0.17	0.15	2.24	6.14
		6845		1.04	-0.02	0.15	1.16	0.09	0.15	2.24	6.06
	8	6885		0.81	-0.22	0.15	0.65	-0.17	0.15	1.26	4.75
		7005		0.64	-0.46	0.15	0.69	-0.27	0.15	1.26	4.66
		7085		0.85	-0.12	0.15	0.96	0.47	0.15	1.26	5.14

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	242T	2.19	2.58	0.15	2.24	2.8	0.15	2.25	2.37	0.15	4.28	9.97
		6145		2.4	2.37	0.15	2.37	2.41	0.15	1.99	2.24	0.15	4.28	9.83
		6385		1.94	2.08	0.15	2.27	2.28	0.15	2.09	2.26	0.15	4.28	9.72
	6	6465		1.76	1.5	0.15	2.57	2.52	0.15	1.65	1.52	0.15	0.11	5.82
		6545		1.28	1.86	0.15	2.23	2.86	0.15	1.87	2.3	0.15	2.24	7.96
		6625		0.86	1.61	0.15	1.07	1.64	0.15	0.82	1.47	0.15	2.24	6.76
	7	6705		1.02	1.57	0.15	1.12	1.67	0.15	0.7	1.5	0.15	2.24	6.80
		6785		0.93	1.4	0.15	0.98	1.63	0.15	0.75	1.57	0.15	2.24	6.72
		6865		0.67	1.25	0.15	1.14	1.81	0.15	0.25	0.7	0.15	2.24	6.89
	8	6945		0.35	0.77	0.15	1.23	1.92	0.15	0.25	0.69	0.15	1.26	6.01
		7025		0.03	0.77	0.15	1.1	1.7	0.15	-0.15	1.06	0.15	1.26	5.83

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	242T	1.75	2.56	0.15	2.3	2.89	0.15	1.6	2.47	0.15	4.28	10.05
		6185		1.86	2.32	0.15	2.03	2.85	0.15	1.66	2.31	0.15	4.28	9.90
		6345		1.8	2.33	0.15	2.18	2.57	0.15	1.81	2.34	0.15	4.28	9.82
	6	6505		1.48	1.79	0.15	2.37	2.84	0.15	1.3	1.81	0.15	0.11	5.88
		6665		-0.1	1.33	0.15	0.43	1.78	0.15	0.17	1.72	0.15	2.24	6.56
	7	6825		-0.17	1.26	0.15	0.22	1.51	0.15	-0.35	1.16	0.15	2.24	6.31
		6985		-0.67	0.6	0.15	0.59	1.92	0.15	-0.8	0.78	0.15	1.26	5.73

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S61			RU Index S62			RU Index S64				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	242T	1.39	2.55	0.15	1.3	2.52	0.15	1.68	2.39	0.15	4.28	9.49
		6185		1.61	2.32	0.15	1.4	2.46	0.15	1.76	2.44	0.15	4.28	9.55
		6345		1.61	2.22	0.15	1.55	2.31	0.15	1.85	2.43	0.15	4.28	9.59
	6	6505		1.48	1.78	0.15	1.98	2.49	0.15	1.74	2.33	0.15	0.11	5.51
		6665		-0.28	1.39	0.15	-0.52	1.19	0.15	-0.48	1.5	0.15	2.24	6.04
	7	6825		-0.66	1.31	0.15	0.23	1.25	0.15	-0.38	0.75	0.15	2.24	6.17
		6985		-0.76	0.54	0.15	0.07	1.44	0.15	-0.44	0.97	0.15	1.26	5.23

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 484T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>	
				RU Index 65					
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>			
802.11ax-HE40	5	5965	484T	5.13	5.37	N/A	4.28	12.54	
		6165		5.11	5.35	N/A	4.28	12.52	
		6405		5.05	5.19	N/A	4.28	12.41	
	6	6445		5.16	5.37	N/A	0.11	8.39	
		6485		5.17	5.53	N/A	0.11	8.47	
		6525		5.32	5.32	N/A	2.24	10.57	
	7	6685		4.62	4.68	N/A	2.24	9.90	
		6845		4.53	4.46	N/A	2.24	9.75	
		6885		4.69	4.7	N/A	1.26	8.97	
		7005		4.45	4.39	N/A	1.26	8.69	
		8		7085	4.58	4.78	N/A	1.26	8.95

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	484T	5.13	5.22	N/A	5.19	5.26	N/A	4.28	12.52
		6145		5.26	5.15	N/A	5.33	5.09	N/A	4.28	12.50
		6385		4.9	4.93	N/A	5.31	5.04	N/A	4.28	12.47
	6	6465		5.33	4.91	N/A	5.17	5.36	N/A	0.11	8.39
		6545		5.04	5.41	N/A	5.07	5.15	N/A	2.24	10.48
		6625		4.27	4.34	N/A	4.2	4.38	N/A	2.24	9.56
	7	6705		4.3	4.33	N/A	4.22	4.56	N/A	2.24	9.64
		6785		4.1	4.43	N/A	4.17	4.63	N/A	2.24	9.66
		6865		4.2	4.51	N/A	4.38	4.35	N/A	2.24	9.62
	8	6945		4.45	4.19	N/A	4.12	4.5	N/A	1.26	8.59
		7025		4.12	4.42	N/A	4.28	4.37	N/A	1.26	8.60

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80L)	5	6025	484T	4.83	5.33	N/A	4.58	5.31	N/A	4.28	12.38
		6185		4.85	5.17	N/A	4.93	5.13	N/A	4.28	12.32
		6345		4.77	5.05	N/A	4.85	5.12	N/A	4.28	12.28
	6	6505		5.17	5.05	N/A	5.15	5.22	N/A	0.11	8.31
	7	6665		3.76	4.41	N/A	3.45	4.3	N/A	2.24	9.35
		6825		3.83	4.35	N/A	3.53	4.53	N/A	2.24	9.35
		6985		4.19	4.3	N/A	4.01	4.57	N/A	1.26	8.57

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S65			RU Index S66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80H)	5	6025	484T	4.76	5.3	N/A	4.65	5.28	N/A	4.28	12.33
		6185		4.72	5.18	N/A	4.77	4.94	N/A	4.28	12.25
		6345		4.53	5.08	N/A	4.81	5.01	N/A	4.28	12.20
	6	6505		4.97	5.28	N/A	4.84	5.16	N/A	0.11	8.25
	7	6665		3.85	4.4	N/A	3.79	4.46	N/A	2.24	9.39
		6825		3.9	4.5	N/A	3.88	4.51	N/A	2.24	9.46
		6985		3.89	4.23	N/A	3.96	4.61	N/A	1.26	8.57

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.

**Tones: 996T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	996T	6.76	6.38	0.159	4.28	14.02
		6145		6.86	5.96	0.159	4.28	13.88
		6385		7.08	6.32	0.159	4.28	14.17
	6	6465		6.99	6.08	0.159	0.11	9.84
		6545		7.02	5.87	0.159	2.24	11.89
	7	6625		6.3	5.13	0.159	2.24	11.16
		6705		6.2	5.03	0.159	2.24	11.06
		6785		6.08	4.91	0.159	2.24	10.94
	8	6865		5.84	5.13	0.159	2.24	10.91
		6945		6	5.08	0.159	1.26	9.99
		7025		6.07	5.42	0.159	1.26	10.19

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67			RU Index S67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160	5	6025	996T	7.05	6.26	0.159	6.94	6.11	0.159	4.28	14.12
		6185		6.93	6.15	0.159	7.04	6.153	0.159	4.28	14.07
		6345		7.22	6.51	0.159	7.14	6.14	0.159	4.28	14.33
	6	6505		6.91	5.69	0.159	6.88	5.84	0.159	0.11	9.67
		6665		6.79	5.47	0.159	6.47	5.12	0.159	2.24	11.59
	7	6825		6.33	5.3	0.159	6.05	4.88	0.159	2.24	11.25
		6985		6.12	5.27	0.159	6	5.27	0.159	1.26	10.15

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] \text{ dBi}$$

Directional gain:

$$5925\text{-}6425\text{MHz: Directional gain} = 10 \log[(10^{3.70/10} + 10^{4.80/10})/2] = 4.28\text{dBi}$$

$$6425\text{-}6525\text{MHz: Directional gain} = 10 \log[(10^{-1.0/10} + 10^{1.0/10})/2] = 0.11\text{dBi}$$

$$6525\text{-}6875\text{MHz: Directional gain} = 10 \log[(10^{2.86/10} + 10^{1.60/10})/2] = 0.24\text{dBi}$$

$$6875\text{-}7125\text{MHz: Directional gain} = 10 \log[(10^{-1.40/10} + 10^{2.90/10})/2] = 1.26\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

6. We did spot check for output power and all output power values keep identical thus other conducted items is exempt.



● **Original FCC ID: BEJNT-17Z90R Power**

**Test SKU: SKU #1 (with INPAQ Antenna)**

● **OFDM Modulation**

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) <sup>Note3</sup>	Total E.I.R.P. (dBm) <sup>Note2</sup>	Limit
			AUX	Main				
802.11ax-HE20	5	5955	1.75	1.42	N/A	3.35	7.95	24dBm
		6175	1.62	1.40		3.35	7.87	
		6415	1.44	1.40		2.60	7.03	
	6	6435	1.43	1.53		2.60	7.09	
		6475	1.75	1.54		2.60	7.26	
		6515	1.63	1.40		2.60	7.13	
	7	6535	0.95	0.63		2.60	6.40	
		6695	0.97	0.26		2.60	6.24	
		6855	1.05	0.31		2.30	6.01	
			6875	1.16		0.48	2.30	
	8	6995	1.01	0.29		2.30	5.98	
		7115	-3.35	-2.76		2.30	2.27	
802.11ax-HE40	5	5965	5.32	5.30	N/A	3.35	11.67	24dBm
		6165	5.19	5.21		3.35	11.56	
		6405	5.00	5.12		2.60	10.67	
	6	6445	5.03	5.36		2.60	10.81	
		6485	5.19	5.23		2.60	10.82	
	7	6525	5.34	5.24		2.60	10.90	
		6685	4.48	4.27		2.60	9.99	
		6845	4.58	4.14		2.30	9.68	
	8	6885	4.62	4.34		2.30	9.79	
		7005	4.53	4.19		2.30	9.67	
		7085	4.73	4.49		2.30	9.92	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) <sup>Note3</sup>	Total E.I.R.P. (dBm) <sup>Note2</sup>	Limit
			AUX	Main				
802.11ax-HE80	5	5985	7.23	6.80	N/A	3.35	13.38	24dBm
		6145	7.07	6.51		3.35	13.16	
		6385	7.44	6.86		2.60	12.77	
	6	6465	7.38	6.50		2.60	12.57	
		6545	7.29	6.58		2.60	12.56	
	7	6625	6.48	5.67		2.60	11.70	
		6705	6.39	5.50		2.60	11.58	
		6785	6.26	5.47		2.60	11.49	
	8	6865	6.19	5.54		2.30	11.19	
		6945	6.53	5.78		2.30	11.48	
		7025	6.61	5.99		2.30	11.62	
	802.11ax-HE160	5	6025	10.05		9.43	N/A	
6185			10.06	9.41	3.35	16.11		
6345			10.33	9.62	2.60	15.60		
6		6505	10.02	9.31	2.60	15.29		
		6665	9.40	8.37	2.60	14.53		
7		6825	9.24	8.39	2.30	14.15		
		6985	9.56	8.69	2.30	14.46		

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

● OFDMA Modulation

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 4			RU Index 8				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	26T	-5.99	-5.71	0.223	-5.91	-5.68	0.223	-6.00	-5.86	0.223	3.35	0.65
		6175		-7.35	-7.50	0.223	-6.99	-7.21	0.223	-7.28	-7.53	0.223	3.35	-0.82
		6415		-7.50	-7.98	0.223	-7.43	-7.89	0.223	-7.92	-8.10	0.223	2.60	-2.18
	6	6435		-7.53	-7.84	0.223	-7.56	-7.64	0.223	-7.63	-8.00	0.223	2.60	-1.98
		6475		-7.90	-8.01	0.223	-7.65	-7.90	0.223	-7.85	-8.21	0.223	2.60	-2.19
		6515		-8.04	-8.22	0.223	-7.73	-8.02	0.223	-8.11	-8.26	0.223	2.60	-2.35
	7	6535		-8.68	-8.99	0.223	-8.71	-8.85	0.223	-9.02	-9.18	0.223	2.60	-3.27
		6695		-9.30	-8.89	0.223	-9.11	-8.62	0.223	-9.39	-8.84	0.223	2.60	-3.27
		6855		-8.76	-8.51	0.223	-8.77	-8.31	0.223	-8.84	-8.59	0.223	2.30	-3.18
	8	6875		-9.05	-8.65	0.223	-9.04	-8.41	0.223	-9.27	-8.73	0.223	2.30	-3.46
		6995		-8.02	-7.83	0.223	-7.81	-7.68	0.223	-8.08	-7.93	0.223	2.30	-2.47
		7115		-7.79	-7.60	0.223	-7.65	-7.33	0.223	-7.80	-7.53	0.223	2.30	-2.13

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 8			RU Index 17				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	26T	-6.09	-5.78	0.223	-5.89	-5.83	0.223	-5.92	-5.79	0.223	3.35	0.73
		6165		-6.92	-7.30	0.223	-7.04	-7.49	0.223	-7.18	-7.45	0.223	3.35	-0.73
		6405		-7.45	-7.87	0.223	-7.64	-7.95	0.223	-7.73	-8.07	0.223	2.60	-2.06
	6	6445		-7.65	-7.77	0.223	-7.93	-7.92	0.223	-7.85	-8.05	0.223	2.60	-2.12
		6485		-7.81	-7.97	0.223	-8.07	-8.11	0.223	-8.08	-8.25	0.223	2.60	-2.33
		6525		-8.02	-8.14	0.223	-8.18	-8.36	0.223	-8.10	-8.37	0.223	2.60	-2.40
	7	6685		-9.22	-8.84	0.223	-9.34	-8.94	0.223	-9.31	-8.90	0.223	2.60	-3.27
		6845		-8.68	-8.34	0.223	-8.77	-8.45	0.223	-8.99	-8.54	0.223	2.30	-3.23
		6885		-8.99	-8.56	0.223	-9.21	-8.70	0.223	-9.21	-8.99	0.223	2.30	-3.57
	8	7005		-7.85	-7.89	0.223	-8.15	-8.07	0.223	-8.20	-8.09	0.223	2.30	-2.61
		7085		-7.50	-7.27	0.223	-7.64	-7.48	0.223	-8.55	-8.17	0.223	2.30	-2.82

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	26T	-6.10	-5.60	0.223	-5.42	-5.22	0.223	-6.20	-5.99	0.223	3.35	0.49
		6145		-6.99	-7.06	0.223	-6.69	-6.72	0.223	-7.57	-7.49	0.223	3.35	-0.95
		6385		-7.51	-7.73	0.223	-7.18	-7.27	0.223	-8.00	-8.06	0.223	2.60	-2.20
	6	6465		-8.18	-7.91	0.223	-7.58	-7.48	0.223	-8.42	-8.34	0.223	2.60	-2.55
		6545		-8.35	-8.27	0.223	-8.07	-7.89	0.223	-8.98	-8.75	0.223	2.60	-3.03
		6625		-9.64	-8.95	0.223	-8.92	-8.31	0.223	-9.85	-8.89	0.223	2.60	-3.51
	7	6705		-9.60	-8.85	0.223	-9.08	-8.31	0.223	-9.95	-8.84	0.223	2.60	-3.53
		6785		-8.85	-8.33	0.223	-8.23	-7.76	0.223	-9.11	-8.43	0.223	2.60	-2.92
		6865		-9.04	-8.46	0.223	-8.63	-7.94	0.223	-9.71	-9.00	0.223	2.30	-3.81
	8	6945		-8.03	-7.35	0.223	-7.36	-6.97	0.223	-8.47	-7.88	0.223	2.30	-2.63
		7025		-8.34	-8.00	0.223	-7.92	-7.52	0.223	-8.90	-8.42	0.223	2.30	-3.12

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	26T	-6.10	-5.60	0.223	-6.10	-5.60	0.223	-6.10	-5.60	0.223	3.35	0.65
		6185		-6.99	-7.06	0.223	-6.99	-7.06	0.223	-6.99	-7.06	0.223	3.35	-0.65
		6345		-7.51	-7.73	0.223	-7.51	-7.73	0.223	-7.51	-7.73	0.223	2.60	-1.62
	6	6505		-8.18	-7.91	0.223	-8.18	-7.91	0.223	-8.18	-7.91	0.223	2.60	-2.12
		6665		-8.35	-8.27	0.223	-8.35	-8.27	0.223	-8.35	-8.27	0.223	2.60	-3.22
		6825		-9.64	-8.95	0.223	-9.64	-8.95	0.223	-9.64	-8.95	0.223	2.30	-2.77
	8	6985		-9.60	-8.85	0.223	-9.60	-8.85	0.223	-9.60	-8.85	0.223	2.30	-2.21

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S0			RU Index S18			RU Index S36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	26T	-5.96	-5.84	0.223	-6.73	-6.36	0.223	-8.34	-7.93	0.223	3.35	-1.55
		6185		-7.40	-7.07	0.223	-7.89	-7.66	0.223	-9.34	-9.19	0.223	3.35	-2.68
		6345		-7.64	-7.24	0.223	-8.09	-7.72	0.223	-9.88	-9.42	0.223	2.60	-3.81
	6	6505		-7.99	-7.89	0.223	-8.93	-8.63	0.223	-10.44	-10.28	0.223	2.60	-4.53
		6665		-8.66	-9.13	0.223	-9.15	-9.73	0.223	-10.41	-11.02	0.223	2.60	-4.87
		6825		-8.13	-8.71	0.223	-8.85	-9.28	0.223	-10.46	-10.94	0.223	2.30	-5.16
	8	6985		-7.74	-7.83	0.223	-8.46	-8.61	0.223	-9.91	-10.21	0.223	2.30	-4.52

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 52T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 39			RU Index 40				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	52T	-2.78	-2.42	0.119	-2.55	-2.54	0.119	-2.62	-2.68	0.119	3.35	3.83
		6175		-3.80	-4.25	0.119	-3.89	-4.12	0.119	-4.08	-4.26	0.119	3.35	2.31
		6415		-4.20	-4.75	0.119	-4.20	-4.81	0.119	-4.54	-4.94	0.119	2.60	0.99
	6	6435		-4.52	-4.72	0.119	-4.36	-4.68	0.119	-4.52	-4.69	0.119	2.60	1.13
		6475		-4.69	-4.88	0.119	-4.67	-4.77	0.119	-4.63	-4.84	0.119	2.60	1.00
		6515		-4.74	-4.99	0.119	-4.69	-4.97	0.119	-4.78	-5.07	0.119	2.60	0.81
	7	6535		-5.47	-5.79	0.119	-5.67	-5.81	0.119	-5.76	-5.91	0.119	2.60	-0.11
		6695		-6.13	-5.63	0.119	-5.86	-5.62	0.119	-6.00	-5.67	0.119	2.60	-0.10
		6855		-5.56	-5.32	0.119	-5.62	-5.26	0.119	-5.68	-5.40	0.119	2.30	-0.11
	8	6875		-5.88	-5.42	0.119	-5.68	-5.39	0.119	-5.90	-5.48	0.119	2.30	-0.26
		6995		-4.86	-4.65	0.119	-4.79	-4.63	0.119	-4.97	-4.76	0.119	2.30	0.57
		7115		-4.51	-4.36	0.119	-4.55	-4.35	0.119	-8.39	-8.10	0.119	2.30	-2.81

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 40			RU Index 44				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	52T	-3.01	-2.58	0.119	-2.91	-2.78	0.119	-2.95	-2.77	0.119	3.35	3.62
		6165		-3.88	-4.25	0.119	-3.89	-4.32	0.119	-4.07	-4.37	0.119	3.35	2.26
		6405		-4.22	-4.92	0.119	-4.35	-4.91	0.119	-4.52	-5.03	0.119	2.60	0.96
	6	6445		-4.67	-4.71	0.119	-4.58	-4.76	0.119	-4.61	-4.88	0.119	2.60	0.99
		6485		-4.66	-4.93	0.119	-4.67	-4.92	0.119	-4.65	-5.02	0.119	2.60	0.90
	7	6525		-4.89	-5.02	0.119	-4.96	-5.19	0.119	-4.91	-5.19	0.119	2.60	0.68
		6685		-6.01	-5.73	0.119	-6.05	-5.77	0.119	-6.22	-5.71	0.119	2.60	-0.23
		6845		-5.66	-5.30	0.119	-5.83	-5.31	0.119	-5.86	-5.45	0.119	2.30	-0.22
	8	6885		-5.87	-5.49	0.119	-6.08	-5.54	0.119	-6.10	-5.82	0.119	2.30	-0.53
		7005		-4.90	-4.64	0.119	-5.02	-4.87	0.119	-5.09	-4.94	0.119	2.30	0.41
		7085		-4.44	-4.15	0.119	-4.48	-4.31	0.119	-4.70	-4.42	0.119	2.30	0.87

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	52T	-2.74	-3.08	0.119	-2.30	-2.67	0.119	-3.07	-3.13	0.119	3.35	3.38
		6145		-4.02	-3.94	0.119	-3.68	-3.73	0.119	-4.41	-4.46	0.119	3.35	2.04
		6385		-4.81	-4.56	0.119	-4.39	-4.28	0.119	-5.28	-5.18	0.119	2.60	0.50
	6	6465		-4.92	-5.27	0.119	-4.68	-4.87	0.119	-5.25	-5.55	0.119	2.60	0.33
		6545		-5.28	-5.53	0.119	-5.03	-5.26	0.119	-5.58	-6.03	0.119	2.60	-0.07
		6625		-5.85	-6.64	0.119	-5.60	-6.31	0.119	-5.99	-6.95	0.119	2.60	-0.71
	7	6705		-6.02	-6.87	0.119	-5.32	-6.54	0.119	-5.88	-7.12	0.119	2.60	-0.73
		6785		-5.29	-6.14	0.119	-4.99	-5.75	0.119	-5.37	-6.34	0.119	2.60	-0.10
		6865		-5.50	-6.42	0.119	-5.12	-6.24	0.119	-6.00	-6.97	0.119	2.30	-1.03
	8	6945		-4.83	-5.21	0.119	-4.04	-4.89	0.119	-4.90	-5.51	0.119	2.30	0.24
		7025		-5.01	-5.70	0.119	-4.78	-5.39	0.119	-5.44	-6.11	0.119	2.30	-0.33

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	52T	-4.19	-4.33	0.119	-3.25	-3.26	0.119	-2.86	-2.65	0.119	3.35	3.73
		6185		-5.66	-5.20	0.119	-4.52	-4.23	0.119	-4.13	-3.91	0.119	3.35	2.46
		6345		-6.09	-5.66	0.119	-4.96	-4.39	0.119	-4.42	-3.88	0.119	2.60	1.59
	6	6505		-6.36	-6.31	0.119	-5.37	-5.27	0.119	-4.97	-4.82	0.119	2.60	0.83
		6665		-7.30	-7.69	0.119	-6.10	-6.53	0.119	-5.68	-6.08	0.119	2.60	-0.15
	7	6825		-6.79	-7.19	0.119	-5.69	-6.07	0.119	-5.20	-5.64	0.119	2.30	0.01
		6985		-5.76	-6.18	0.119	-4.90	-5.21	0.119	-4.63	-4.86	0.119	2.30	0.69

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S37			RU Index S44			RU Index S52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	52T	-2.84	-2.88	0.119	-3.47	-3.30	0.119	-5.17	-4.72	0.119	3.35	1.54
		6185		-4.33	-3.94	0.119	-4.78	-4.53	0.119	-6.13	-6.18	0.119	3.35	0.32
		6345		-4.44	-4.11	0.119	-4.94	-4.57	0.119	-6.85	-6.12	0.119	2.60	-0.74
	6	6505		-4.82	-4.78	0.119	-5.75	-5.35	0.119	-7.23	-6.97	0.119	2.60	-1.37
		6665		-5.71	-6.18	0.119	-6.06	-6.67	0.119	-7.36	-8.03	0.119	2.60	-1.95
	7	6825		-5.11	-5.81	0.119	-5.85	-6.30	0.119	-7.40	-7.98	0.119	2.30	-2.25
		6985		-4.55	-5.02	0.119	-5.33	-5.38	0.119	-7.07	-7.08	0.119	2.30	-1.65

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 106T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	106T	0.35	0.41	N/A	0.20	0.40	N/A	3.35	6.66
		6175		-0.72	-1.01	N/A	-0.88	-1.19	N/A	3.35	5.33
		6415		-1.13	-1.74	N/A	-1.30	-1.87	N/A	2.60	4.03
	6	6435		-1.47	-1.49	N/A	-1.30	-1.52	N/A	2.60	4.20
		6475		-1.38	-1.68	N/A	-1.63	-1.75	N/A	2.60	3.92
		6515		-1.61	-1.82	N/A	-1.62	-1.87	N/A	2.60	3.87
	7	6535		-2.44	-2.78	N/A	-2.57	-2.83	N/A	2.60	2.91
		6695		-3.19	-2.71	N/A	-2.93	-2.59	N/A	2.60	2.85
		6855		-2.56	-2.14	N/A	-2.68	-2.23	N/A	2.30	2.86
	8	6875		-2.67	-2.34	N/A	-2.76	-2.47	N/A	2.30	2.70
		6995		-1.64	-1.58	N/A	-1.71	-1.65	N/A	2.30	3.63
		7115		-1.47	-1.28	N/A	-8.47	-7.97	N/A	2.30	-2.90

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54			RU Index 56				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	106T	0.21	0.29	N/A	0.14	0.35	N/A	0.28	0.18	N/A	3.35	6.59
		6165		-0.85	-1.17	N/A	-0.98	-1.23	N/A	-1.06	-1.26	N/A	3.35	5.20
		6405		-1.24	-1.79	N/A	-1.30	-1.79	N/A	-1.55	-1.98	N/A	2.60	3.85
	6	6445		-1.56	-1.69	N/A	-1.33	-1.66	N/A	-1.45	-1.76	N/A	2.60	4.01
		6485		-1.65	-1.82	N/A	-1.54	-1.80	N/A	-1.78	-1.92	N/A	2.60	3.76
	7	6525		-1.71	-1.98	N/A	-1.73	-2.03	N/A	-1.85	-2.29	N/A	2.60	3.55
		6685		-3.05	-2.72	N/A	-3.14	-2.65	N/A	-3.09	-2.66	N/A	2.60	2.74
		6845		-2.63	-2.24	N/A	-2.79	-2.23	N/A	-2.87	-2.44	N/A	2.30	2.66
	8	6885		-2.92	-2.43	N/A	-2.92	-2.50	N/A	-3.08	-2.73	N/A	2.30	2.41
		7005		-1.83	-1.68	N/A	-1.72	-1.70	N/A	-2.01	-1.85	N/A	2.30	3.38
		7085		-1.52	-1.19	N/A	-1.49	-1.22	N/A	-1.60	-1.34	N/A	2.30	3.84

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	106T	0.09	-0.09	N/A	0.65	0.36	N/A	-0.18	-0.18	N/A	3.35	6.18
		6145		-1.16	-1.06	N/A	-1.03	-0.86	N/A	-1.49	-1.47	N/A	3.35	4.88
		6385		-1.86	-1.71	N/A	-1.65	-1.45	N/A	-2.21	-2.07	N/A	2.60	3.47
	6	6465		-1.88	-2.28	N/A	-1.54	-2.04	N/A	-2.09	-2.55	N/A	2.60	3.30
		6545		-2.11	-2.59	N/A	-1.95	-2.36	N/A	-2.77	-3.01	N/A	2.60	2.72
		7		6625	-2.98	-3.74	N/A	-2.60	-3.44	N/A	-2.95	-3.98	N/A	2.60
	6705			-2.82	-3.99	N/A	-2.42	-3.70	N/A	-2.81	-4.12	N/A	2.60	2.19
	6785			-1.80	-2.76	N/A	-1.56	-2.53	N/A	-2.29	-3.25	N/A	2.60	2.87
	8	6865		-2.24	-3.17	N/A	-2.08	-2.99	N/A	-2.63	-3.71	N/A	2.30	2.17
		6945		-1.33	-2.00	N/A	-1.06	-1.70	N/A	-1.89	-2.28	N/A	2.30	3.23
		7025		-1.87	-2.30	N/A	-1.53	-2.21	N/A	-2.35	-2.74	N/A	2.30	2.77

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>	
				RU Index 53			RU Index 56			RU Index 60					
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>			
802.11ax-HE160 (80L)	5	6025	106T	-1.20	-1.28	N/A	-0.22	-0.25	N/A	0.16	0.43	N/A	3.35	6.66	
		6185		-2.37	-2.08	N/A	-1.45	-1.30	N/A	-1.16	-0.98	N/A	3.35	5.29	
		6345		-3.25	-2.32	N/A	-2.02	-1.34	N/A	-1.46	-0.98	N/A	2.60	4.40	
	6	6505		-3.07	-3.05	N/A	-2.13	-2.11	N/A	-1.79	-1.75	N/A	2.60	3.84	
		7		6665	-4.31	-4.41	N/A	-3.39	-3.39	N/A	-2.71	-2.86	N/A	2.60	2.83
				6825	-3.76	-3.71	N/A	-2.98	-2.82	N/A	-2.31	-2.26	N/A	2.30	3.03
	8	6985		-2.74	-2.73	N/A	-1.82	-1.94	N/A	-1.49	-1.51	N/A	2.30	3.81	

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>	
				RU Index S53			RU Index S56			RU Index S60					
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>			
802.11ax-HE160 (80H)	5	6025	106T	0.21	0.28	N/A	-0.40	-0.05	N/A	-2.09	-1.72	N/A	3.35	4.46	
		6185		-1.22	-0.82	N/A	-1.59	-1.45	N/A	-3.06	-3.01	N/A	3.35	3.33	
		6345		-1.36	-1.04	N/A	-1.93	-1.47	N/A	-3.37	-2.99	N/A	2.60	2.43	
	6	6505		-1.90	-1.69	N/A	-2.32	-2.28	N/A	-3.88	-3.80	N/A	2.60	1.77	
		7		6665	-2.92	-3.12	N/A	-3.45	-3.54	N/A	-4.90	-4.81	N/A	2.60	0.76
				6825	-2.29	-2.24	N/A	-3.03	-2.93	N/A	-4.37	-4.56	N/A	2.30	0.85
	8	6985		-1.56	-1.45	N/A	-2.26	-1.97	N/A	-3.75	-3.53	N/A	2.30	1.67	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.



**Tones: 242T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	242T	2.13	2.48	0.15	3.35	8.82
		6175		2.07	2.41	0.15	3.35	8.75
		6415		1.95	2.42	0.15	2.60	7.95
	6	6435		1.38	1.86	0.15	2.60	7.39
		6475		1.51	1.8	0.15	2.60	7.42
		6515		1.76	1.8	0.15	2.60	7.54
	7	6535		1.43	1.61	0.15	2.60	7.28
		6695		1.71	1.72	0.15	2.60	7.48
		6855		1.59	1.76	0.15	2.30	7.14
	8	6875		0.96	1.11	0.15	2.30	6.50
		6995		0.91	0.89	0.15	2.30	6.36
		7115		-2.82	-2.64	0.15	2.30	2.73

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	242T	2.01	1.3	0.15	1.89	1.19	0.15	3.35	8.06
		6165		1.73	1.4	0.15	1.54	1.16	0.15	3.35	7.86
		6405		1.69	1.4	0.15	1.7	1.45	0.15	2.60	7.34
	6	6445		1.07	1.07	0.15	1.38	1.02	0.15	2.60	6.96
		6485		1.22	0.92	0.15	1.07	1.44	0.15	2.60	7.02
	7	6525		1.44	0.89	0.15	2.21	1.51	0.15	2.60	7.63
		6685		1.12	0.19	0.15	1.34	0.25	0.15	2.60	6.59
		6845		1.14	0.04	0.15	1.29	0.17	0.15	2.30	6.23
	8	6885		0.87	-0.15	0.15	0.71	-0.06	0.15	2.30	5.80
		7005		0.78	-0.33	0.15	0.84	-0.22	0.15	2.30	5.80
		7085		0.91	0.06	0.15	1.16	0.55	0.15	2.30	6.33

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE80	5	5985	242T	2.35	2.73	0.15	2.36	2.91	0.15	2.34	2.44	0.15	3.35	8.90
		6145		2.57	2.56	0.15	2.49	2.58	0.15	2.13	2.35	0.15	3.35	8.75
		6385		2.08	2.17	0.15	2.33	2.41	0.15	2.27	2.4	0.15	2.60	8.10
	6	6465		1.81	1.58	0.15	2.72	2.72	0.15	1.81	1.65	0.15	2.60	7.49
		6545		1.38	1.99	0.15	2.34	2.91	0.15	1.97	2.43	0.15	2.60	7.97
		6625		0.94	1.67	0.15	1.13	1.84	0.15	0.87	1.6	0.15	2.60	7.01
	7	6705		1.16	1.74	0.15	1.25	1.86	0.15	0.89	1.65	0.15	2.60	7.05
		6785		0.99	1.58	0.15	1.03	1.74	0.15	0.87	1.72	0.15	2.60	7.08
		6865		0.83	1.44	0.15	1.25	1.86	0.15	0.42	0.86	0.15	2.30	6.11
	8	6945		0.53	0.93	0.15	1.36	1.97	0.15	0.42	0.86	0.15	2.30	6.11
		7025		0.23	0.89	0.15	1.2	1.89	0.15	0	1.18	0.15	2.30	6.09

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	242T	1.95	2.74	0.15	2.36	3.03	0.15	1.74	2.56	0.15	3.35	8.68
		6185		1.93	2.37	0.15	2.14	2.93	0.15	1.84	2.42	0.15	3.35	8.65
		6345		1.89	2.52	0.15	2.33	2.63	0.15	1.87	2.4	0.15	2.60	7.90
	6	6505		1.63	1.93	0.15	2.5	2.95	0.15	1.5	1.92	0.15	2.60	7.48
		6665		0.09	1.4	0.15	0.57	1.91	0.15	0.23	1.85	0.15	2.60	6.88
	7	6825		-0.01	1.39	0.15	0.38	1.62	0.15	-0.2	1.25	0.15	2.30	6.05
		6985		-0.48	0.65	0.15	0.74	2	0.15	-0.69	0.85	0.15	2.30	5.61

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S61			RU Index S62			RU Index S64				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	242T	1.54	2.75	0.15	1.49	2.6	0.15	1.76	2.54	0.15	3.35	8.68
		6185		1.72	2.48	0.15	1.54	2.54	0.15	1.88	2.57	0.15	3.35	8.75
		6345		1.78	2.31	0.15	1.69	2.45	0.15	2.01	2.51	0.15	2.60	8.03
	6	6505		1.53	1.98	0.15	2.08	2.6	0.15	1.82	2.51	0.15	2.60	7.94
		6665		-0.15	1.52	0.15	-0.41	1.36	0.15	-0.37	1.66	0.15	2.60	6.52
	7	6825		-0.47	1.43	0.15	0.31	1.34	0.15	-0.24	0.87	0.15	2.30	5.81
		6985		-0.58	0.74	0.15	0.26	1.64	0.15	-0.34	1.02	0.15	2.30	5.85

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 484T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	484T	5.33	5.57	N/A	3.35	11.81
		6165		5.17	5.5	N/A	3.35	11.70
		6405		5.18	5.29	N/A	2.60	10.85
	6	6445		5.32	5.56	N/A	2.60	11.05
		6485		5.25	5.59	N/A	2.60	11.03
		7		6525	5.44	5.46	N/A	2.60
	6685			4.68	4.84	N/A	2.60	10.37
	6845			4.61	4.66	N/A	2.30	9.95
	8	6885		4.74	4.88	N/A	2.30	10.12
		7005		4.56	4.53	N/A	2.30	9.86
		7085		4.73	4.98	N/A	2.30	10.17

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE80	5	5985	484T	5.33	5.36	N/A	5.31	5.41	N/A	3.35	11.72
		6145		5.46	5.3	N/A	5.45	5.29	N/A	3.35	11.73
		6385		5.03	5.12	N/A	5.45	5.17	N/A	2.60	10.92
	6	6465		5.47	5.1	N/A	5.3	5.44	N/A	2.60	10.98
		6545		5.17	5.61	N/A	5.19	5.24	N/A	2.60	10.83
		7		6625	4.39	4.53	N/A	4.29	4.45	N/A	2.60
	6705			4.49	4.46	N/A	4.37	4.64	N/A	2.60	10.12
	6785			4.15	4.5	N/A	4.33	4.68	N/A	2.60	10.12
	8	6865		4.28	4.62	N/A	4.52	4.52	N/A	2.30	9.83
		6945		4.58	4.36	N/A	4.3	4.58	N/A	2.30	9.75
		7025		4.22	4.51	N/A	4.44	4.55	N/A	2.30	9.81

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80L)	5	6025	484T	4.98	5.44	N/A	4.67	5.49	N/A	3.35	11.46
		6185		5.05	5.3	N/A	5.04	5.32	N/A	3.35	11.54
		6345		4.93	5.19	N/A	5.01	5.27	N/A	2.60	10.75
	6	6505		5.23	5.12	N/A	5.25	5.39	N/A	2.60	10.93
	7	6665		3.96	4.53	N/A	3.61	4.42	N/A	2.60	9.64
		6825		3.96	4.47	N/A	3.7	4.63	N/A	2.30	9.50
		6985		4.25	4.42	N/A	4.09	4.75	N/A	2.30	9.74

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S65			RU Index S66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80H)	5	6025	484T	4.81	5.42	N/A	4.83	5.41	N/A	3.35	11.49
		6185		4.81	5.36	N/A	4.85	5.12	N/A	3.35	11.35
		6345		4.62	5.19	N/A	4.93	5.16	N/A	2.60	10.66
	6	6505		5.06	5.45	N/A	4.94	5.31	N/A	2.60	10.74
	7	6665		3.99	4.52	N/A	3.93	4.51	N/A	2.60	9.84
		6825		3.97	4.56	N/A	4.03	4.61	N/A	2.30	9.64
		6985		4.09	4.41	N/A	4.06	4.74	N/A	2.30	9.72

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 996T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	996T	7.25	6.58	0.159	3.35	13.45
		6145		7.22	6.24	0.159	3.35	13.28
		6385		7.49	6.52	0.159	2.60	12.80
	6	6465		7.36	6.43	0.159	2.60	12.69
		6545		7.41	6.35	0.159	2.60	12.68
	7	6625		6.72	5.45	0.159	2.60	11.90
		6705		6.44	5.37	0.159	2.60	11.71
		6785		6.3	5.3	0.159	2.60	11.60
	8	6865		6.14	5.3	0.159	2.30	11.21
		6945		6.54	5.58	0.159	2.30	11.56
		7025		6.71	5.73	0.159	2.30	11.72

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67			RU Index S67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160	5	6025	996T	7.57	6.67	0.159	7.34	6.68	0.159	3.35	13.54
		6185		7.58	6.76	0.159	7.59	6.66	0.159	3.35	13.67
		6345		7.76	6.81	0.159	7.58	6.81	0.159	2.60	12.98
	6	6505		7.14	6.23	0.159	7.04	6.18	0.159	2.60	12.40
		6665		6.95	5.69	0.159	6.75	5.61	0.159	2.60	11.99
	7	6825		6.62	5.62	0.159	6.22	5.36	0.159	2.30	11.28
		6985		6.58	5.72	0.159	6.48	5.75	0.159	2.30	11.60

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{3.20/10} + 10^{3.50/10})/2] = 3.35\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{2.50/10} + 10^{2.70/10})/2] = 2.60\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{2.10/10} + 10^{2.50/10})/2] = 2.30\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Test SKU: SKU #2 (with LUXSHARE-ICT Antenna)**

● OFDM Modulation

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) <sup>Note3</sup>	Total E.I.R.P. (dBm) <sup>Note2</sup>	Limit
			AUX	Main				
802.11ax-HE20	5	5955	1.75	1.42	N/A	4.49	9.09	24dBm
		6175	1.62	1.40		4.49	9.01	
		6415	1.44	1.40		1.29	5.72	
	6	6435	1.43	1.53		1.29	5.78	
		6475	1.75	1.54		1.29	5.95	
		6515	1.63	1.40		1.29	5.82	
	7	6535	0.95	0.63		1.29	5.09	
		6695	0.97	0.26		1.29	4.93	
		6855	1.05	0.31		3.07	6.78	
	8	6875	1.16	0.48		3.07	6.91	
		6995	1.01	0.29		3.07	6.75	
		7115	-3.35	-2.76		3.07	3.04	
802.11ax-HE40	5	5965	5.32	5.30	N/A	4.49	12.81	24dBm
		6165	5.19	5.21		4.49	12.70	
		6405	5.00	5.12		1.29	9.36	
	6	6445	5.03	5.36		1.29	9.50	
		6485	5.19	5.23		1.29	9.51	
	7	6525	5.34	5.24		1.29	9.59	
		6685	4.48	4.27		1.29	8.68	
		6845	4.58	4.14		3.07	10.45	
	8	6885	4.62	4.34		3.07	10.56	
		7005	4.53	4.19		3.07	10.44	
		7085	4.73	4.49		3.07	10.69	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

Modulation Type	U-NII Band	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)		Duty Cycle Factor (dB) 10log(1/X)	Directional Gain (dBi) <sup>Note3</sup>	Total E.I.R.P. (dBm) <sup>Note2</sup>	Limit
			AUX	Main				
802.11ax-HE80	5	5985	7.23	6.80	N/A	4.49	14.52	24dBm
		6145	7.07	6.51		4.49	14.30	
		6385	7.44	6.86		1.29	11.46	
	6	6465	7.38	6.50		1.29	11.26	
		6545	7.29	6.58		1.29	11.25	
		6625	6.48	5.67		1.29	10.39	
	7	6705	6.39	5.50		1.29	10.27	
		6785	6.26	5.47		1.29	10.18	
		6865	6.19	5.54		3.07	11.96	
	8	6945	6.53	5.78		3.07	12.25	
		7025	6.61	5.99		3.07	12.39	
		6025	10.05	9.43		N/A	4.49	
5	6185	10.06	9.41	4.49	17.25			
	6345	10.33	9.62	1.29	14.29			
	6	6505	10.02	9.31	1.29		13.98	
6665		9.40	8.37	1.29	13.22			
6825		9.24	8.39	3.07	14.92			
8	6985	9.56	8.69	3.07	15.23			

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]  
 2. According to KDB 662911 D01 E)1), Total E.I.R.P. (dBm) = Sum to individual output power (dBm)+ Directional gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.  
 3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then  
 Directional gain =  $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$  dBi  
 Directional gain:  
 5925MHz: Directional gain =  $10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49$  dBi  
 6525MHz: Directional gain =  $10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29$  dBi  
 7125MHz: Directional gain =  $10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07$  dBi  
 The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

● OFDMA Modulation

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 4			RU Index 8				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	26T	-5.99	-5.71	0.223	-5.91	-5.68	0.223	-6.00	-5.86	0.223	4.49	1.79
		6175		-7.35	-7.50	0.223	-6.99	-7.21	0.223	-7.28	-7.53	0.223	4.49	0.32
		6415		-7.50	-7.98	0.223	-7.43	-7.89	0.223	-7.92	-8.10	0.223	1.29	-3.49
	6	6435		-7.53	-7.84	0.223	-7.56	-7.64	0.223	-7.63	-8.00	0.223	1.29	-3.29
		6475		-7.90	-8.01	0.223	-7.65	-7.90	0.223	-7.85	-8.21	0.223	1.29	-3.50
		6515		-8.04	-8.22	0.223	-7.73	-8.02	0.223	-8.11	-8.26	0.223	1.29	-3.66
	7	6535		-8.68	-8.99	0.223	-8.71	-8.85	0.223	-9.02	-9.18	0.223	1.29	-4.58
		6695		-9.30	-8.89	0.223	-9.11	-8.62	0.223	-9.39	-8.84	0.223	1.29	-4.58
		6855		-8.76	-8.51	0.223	-8.77	-8.31	0.223	-8.84	-8.59	0.223	3.07	-2.41
	8	6875		-9.05	-8.65	0.223	-9.04	-8.41	0.223	-9.27	-8.73	0.223	3.07	-2.69
		6995		-8.02	-7.83	0.223	-7.81	-7.68	0.223	-8.08	-7.93	0.223	3.07	-1.70
		7115		-7.79	-7.60	0.223	-7.65	-7.33	0.223	-7.80	-7.53	0.223	3.07	-1.36

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 8			RU Index 17				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	26T	-6.09	-5.78	0.223	-5.89	-5.83	0.223	-5.92	-5.79	0.223	4.49	1.87
		6165		-6.92	-7.30	0.223	-7.04	-7.49	0.223	-7.18	-7.45	0.223	4.49	0.41
		6405		-7.45	-7.87	0.223	-7.64	-7.95	0.223	-7.73	-8.07	0.223	1.29	-3.37
	6	6445		-7.65	-7.77	0.223	-7.93	-7.92	0.223	-7.85	-8.05	0.223	1.29	-3.43
		6485		-7.81	-7.97	0.223	-8.07	-8.11	0.223	-8.08	-8.25	0.223	1.29	-3.64
		6525		-8.02	-8.14	0.223	-8.18	-8.36	0.223	-8.10	-8.37	0.223	1.29	-3.71
	7	6685		-9.22	-8.84	0.223	-9.34	-8.94	0.223	-9.31	-8.90	0.223	1.29	-4.58
		6845		-8.68	-8.34	0.223	-8.77	-8.45	0.223	-8.99	-8.54	0.223	3.07	-2.46
		6885		-8.99	-8.56	0.223	-9.21	-8.70	0.223	-9.21	-8.99	0.223	3.07	-2.80
	8	7005		-7.85	-7.89	0.223	-8.15	-8.07	0.223	-8.20	-8.09	0.223	3.07	-1.84
		7085		-7.50	-7.27	0.223	-7.64	-7.48	0.223	-8.55	-8.17	0.223	3.07	-2.05

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.



Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	26T	-6.10	-5.60	0.223	-5.42	-5.22	0.223	-6.20	-5.99	0.223	4.49	1.63
		6145		-6.99	-7.06	0.223	-6.69	-6.72	0.223	-7.57	-7.49	0.223	4.49	0.19
		6385		-7.51	-7.73	0.223	-7.18	-7.27	0.223	-8.00	-8.06	0.223	1.29	-3.51
	6	6465		-8.18	-7.91	0.223	-7.58	-7.48	0.223	-8.42	-8.34	0.223	1.29	-3.86
		6545		-8.35	-8.27	0.223	-8.07	-7.89	0.223	-8.98	-8.75	0.223	1.29	-4.34
		6625		-9.64	-8.95	0.223	-8.92	-8.31	0.223	-9.85	-8.89	0.223	1.29	-4.82
	7	6705		-9.60	-8.85	0.223	-9.08	-8.31	0.223	-9.95	-8.84	0.223	1.29	-4.84
		6785		-8.85	-8.33	0.223	-8.23	-7.76	0.223	-9.11	-8.43	0.223	1.29	-4.23
		6865		-9.04	-8.46	0.223	-8.63	-7.94	0.223	-9.71	-9.00	0.223	3.07	-3.04
	8	6945		-8.03	-7.35	0.223	-7.36	-6.97	0.223	-8.47	-7.88	0.223	3.07	-1.86
		7025		-8.34	-8.00	0.223	-7.92	-7.52	0.223	-8.90	-8.42	0.223	3.07	-2.35

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 0			RU Index 18			RU Index 36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	26T	-6.10	-5.60	0.223	-6.10	-5.60	0.223	-6.10	-5.60	0.223	4.49	1.79
		6185		-6.99	-7.06	0.223	-6.99	-7.06	0.223	-6.99	-7.06	0.223	4.49	0.49
		6345		-7.51	-7.73	0.223	-7.51	-7.73	0.223	-7.51	-7.73	0.223	1.29	-2.93
	6	6505		-8.18	-7.91	0.223	-8.18	-7.91	0.223	-8.18	-7.91	0.223	1.29	-3.43
		6665		-8.35	-8.27	0.223	-8.35	-8.27	0.223	-8.35	-8.27	0.223	1.29	-4.53
		6825		-9.64	-8.95	0.223	-9.64	-8.95	0.223	-9.64	-8.95	0.223	3.07	-2.00
	8	6985		-9.60	-8.85	0.223	-9.60	-8.85	0.223	-9.60	-8.85	0.223	3.07	-1.44

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S0			RU Index S18			RU Index S36				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	26T	-5.96	-5.84	0.223	-6.73	-6.36	0.223	-8.34	-7.93	0.223	4.49	-0.41
		6185		-7.40	-7.07	0.223	-7.89	-7.66	0.223	-9.34	-9.19	0.223	4.49	-1.54
		6345		-7.64	-7.24	0.223	-8.09	-7.72	0.223	-9.88	-9.42	0.223	1.29	-5.12
	6	6505		-7.99	-7.89	0.223	-8.93	-8.63	0.223	-10.44	-10.28	0.223	1.29	-5.84
		6665		-8.66	-9.13	0.223	-9.15	-9.73	0.223	-10.41	-11.02	0.223	1.29	-6.18
		6825		-8.13	-8.71	0.223	-8.85	-9.28	0.223	-10.46	-10.94	0.223	3.07	-4.39
	8	6985		-7.74	-7.83	0.223	-8.46	-8.61	0.223	-9.91	-10.21	0.223	3.07	-3.75

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 52T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 39			RU Index 40				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE20	5	5955	52T	-2.78	-2.42	0.119	-2.55	-2.54	0.119	-2.62	-2.68	0.119	4.49	4.97
		6175		-3.80	-4.25	0.119	-3.89	-4.12	0.119	-4.08	-4.26	0.119	4.49	3.45
		6415		-4.20	-4.75	0.119	-4.20	-4.81	0.119	-4.54	-4.94	0.119	1.29	-0.32
	6	6435		-4.52	-4.72	0.119	-4.36	-4.68	0.119	-4.52	-4.69	0.119	1.29	-0.18
		6475		-4.69	-4.88	0.119	-4.67	-4.77	0.119	-4.63	-4.84	0.119	1.29	-0.31
		6515		-4.74	-4.99	0.119	-4.69	-4.97	0.119	-4.78	-5.07	0.119	1.29	-0.50
	7	6535		-5.47	-5.79	0.119	-5.67	-5.81	0.119	-5.76	-5.91	0.119	1.29	-1.42
		6695		-6.13	-5.63	0.119	-5.86	-5.62	0.119	-6.00	-5.67	0.119	1.29	-1.41
		6855		-5.56	-5.32	0.119	-5.62	-5.26	0.119	-5.68	-5.40	0.119	3.07	0.66
	8	6875		-5.88	-5.42	0.119	-5.68	-5.39	0.119	-5.90	-5.48	0.119	3.07	0.51
		6995		-4.86	-4.65	0.119	-4.79	-4.63	0.119	-4.97	-4.76	0.119	3.07	1.34
		7115		-4.51	-4.36	0.119	-4.55	-4.35	0.119	-8.39	-8.10	0.119	3.07	-2.04

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 40			RU Index 44				
				AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor $10\log(1/X)$ <sup>Note 3</sup>		
802.11ax-HE40	5	5965	52T	-3.01	-2.58	0.119	-2.91	-2.78	0.119	-2.95	-2.77	0.119	4.49	4.76
		6165		-3.88	-4.25	0.119	-3.89	-4.32	0.119	-4.07	-4.37	0.119	4.49	3.40
		6405		-4.22	-4.92	0.119	-4.35	-4.91	0.119	-4.52	-5.03	0.119	1.29	-0.35
	6	6445		-4.67	-4.71	0.119	-4.58	-4.76	0.119	-4.61	-4.88	0.119	1.29	-0.32
		6485		-4.66	-4.93	0.119	-4.67	-4.92	0.119	-4.65	-5.02	0.119	1.29	-0.41
	7	6525		-4.89	-5.02	0.119	-4.96	-5.19	0.119	-4.91	-5.19	0.119	1.29	-0.63
		6685		-6.01	-5.73	0.119	-6.05	-5.77	0.119	-6.22	-5.71	0.119	1.29	-1.54
		6845		-5.66	-5.30	0.119	-5.83	-5.31	0.119	-5.86	-5.45	0.119	3.07	0.55
	8	6885		-5.87	-5.49	0.119	-6.08	-5.54	0.119	-6.10	-5.82	0.119	3.07	0.24
		7005		-4.90	-4.64	0.119	-5.02	-4.87	0.119	-5.09	-4.94	0.119	3.07	1.18
		7085		-4.44	-4.15	0.119	-4.48	-4.31	0.119	-4.70	-4.42	0.119	3.07	1.64

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	52T	-2.74	-3.08	0.119	-2.30	-2.67	0.119	-3.07	-3.13	0.119	4.49	4.52
		6145		-4.02	-3.94	0.119	-3.68	-3.73	0.119	-4.41	-4.46	0.119	4.49	3.18
		6385		-4.81	-4.56	0.119	-4.39	-4.28	0.119	-5.28	-5.18	0.119	1.29	-0.81
	6	6465		-4.92	-5.27	0.119	-4.68	-4.87	0.119	-5.25	-5.55	0.119	1.29	-0.98
		6545		-5.28	-5.53	0.119	-5.03	-5.26	0.119	-5.58	-6.03	0.119	1.29	-1.38
		6625		-5.85	-6.64	0.119	-5.60	-6.31	0.119	-5.99	-6.95	0.119	1.29	-2.02
	7	6705		-6.02	-6.87	0.119	-5.32	-6.54	0.119	-5.88	-7.12	0.119	1.29	-2.04
		6785		-5.29	-6.14	0.119	-4.99	-5.75	0.119	-5.37	-6.34	0.119	1.29	-1.41
		6865		-5.50	-6.42	0.119	-5.12	-6.24	0.119	-6.00	-6.97	0.119	3.07	-0.26
	8	6945		-4.83	-5.21	0.119	-4.04	-4.89	0.119	-4.90	-5.51	0.119	3.07	1.01
		7025		-5.01	-5.70	0.119	-4.78	-5.39	0.119	-5.44	-6.11	0.119	3.07	0.44

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 37			RU Index 44			RU Index 52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	52T	-4.19	-4.33	0.119	-3.25	-3.26	0.119	-2.86	-2.65	0.119	4.49	4.87
		6185		-5.66	-5.20	0.119	-4.52	-4.23	0.119	-4.13	-3.91	0.119	4.49	3.60
		6345		-6.09	-5.66	0.119	-4.96	-4.39	0.119	-4.42	-3.88	0.119	1.29	0.28
	6	6505		-6.36	-6.31	0.119	-5.37	-5.27	0.119	-4.97	-4.82	0.119	1.29	-0.48
		6665		-7.30	-7.69	0.119	-6.10	-6.53	0.119	-5.68	-6.08	0.119	1.29	-1.46
	7	6825		-6.79	-7.19	0.119	-5.69	-6.07	0.119	-5.20	-5.64	0.119	3.07	0.78
		6985		-5.76	-6.18	0.119	-4.90	-5.21	0.119	-4.63	-4.86	0.119	3.07	1.46

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S37			RU Index S44			RU Index S52				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	52T	-2.84	-2.88	0.119	-3.47	-3.30	0.119	-5.17	-4.72	0.119	4.49	2.68
		6185		-4.33	-3.94	0.119	-4.78	-4.53	0.119	-6.13	-6.18	0.119	4.49	1.46
		6345		-4.44	-4.11	0.119	-4.94	-4.57	0.119	-6.85	-6.12	0.119	1.29	-2.05
	6	6505		-4.82	-4.78	0.119	-5.75	-5.35	0.119	-7.23	-6.97	0.119	1.29	-2.68
		6665		-5.71	-6.18	0.119	-6.06	-6.67	0.119	-7.36	-8.03	0.119	1.29	-3.26
	7	6825		-5.11	-5.81	0.119	-5.85	-6.30	0.119	-7.40	-7.98	0.119	3.07	-1.48
		6985		-4.55	-5.02	0.119	-5.33	-5.38	0.119	-7.07	-7.08	0.119	3.07	-0.88

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 106T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	106T	0.35	0.41	N/A	0.20	0.40	N/A	4.49	7.80
		6175		-0.72	-1.01	N/A	-0.88	-1.19	N/A	4.49	6.47
		6415		-1.13	-1.74	N/A	-1.30	-1.87	N/A	1.29	2.72
	6	6435		-1.47	-1.49	N/A	-1.30	-1.52	N/A	1.29	2.89
		6475		-1.38	-1.68	N/A	-1.63	-1.75	N/A	1.29	2.61
		6515		-1.61	-1.82	N/A	-1.62	-1.87	N/A	1.29	2.56
	7	6535		-2.44	-2.78	N/A	-2.57	-2.83	N/A	1.29	1.60
		6695		-3.19	-2.71	N/A	-2.93	-2.59	N/A	1.29	1.54
		6855		-2.56	-2.14	N/A	-2.68	-2.23	N/A	3.07	3.63
	8	6875		-2.67	-2.34	N/A	-2.76	-2.47	N/A	3.07	3.47
		6995		-1.64	-1.58	N/A	-1.71	-1.65	N/A	3.07	4.40
		7115		-1.47	-1.28	N/A	-8.47	-7.97	N/A	3.07	-2.13

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 54			RU Index 56				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	106T	0.21	0.29	N/A	0.14	0.35	N/A	0.28	0.18	N/A	4.49	7.73
		6165		-0.85	-1.17	N/A	-0.98	-1.23	N/A	-1.06	-1.26	N/A	4.49	6.34
		6405		-1.24	-1.79	N/A	-1.30	-1.79	N/A	-1.55	-1.98	N/A	1.29	2.54
	6	6445		-1.56	-1.69	N/A	-1.33	-1.66	N/A	-1.45	-1.76	N/A	1.29	2.70
		6485		-1.65	-1.82	N/A	-1.54	-1.80	N/A	-1.78	-1.92	N/A	1.29	2.45
	7	6525		-1.71	-1.98	N/A	-1.73	-2.03	N/A	-1.85	-2.29	N/A	1.29	2.24
		6685		-3.05	-2.72	N/A	-3.14	-2.65	N/A	-3.09	-2.66	N/A	1.29	1.43
		6845		-2.63	-2.24	N/A	-2.79	-2.23	N/A	-2.87	-2.44	N/A	3.07	3.43
	8	6885		-2.92	-2.43	N/A	-2.92	-2.50	N/A	-3.08	-2.73	N/A	3.07	3.18
		7005		-1.83	-1.68	N/A	-1.72	-1.70	N/A	-2.01	-1.85	N/A	3.07	4.15
		7085		-1.52	-1.19	N/A	-1.49	-1.22	N/A	-1.60	-1.34	N/A	3.07	4.61

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 53			RU Index 56			RU Index 60				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	106T	0.09	-0.09	N/A	0.65	0.36	N/A	-0.18	-0.18	N/A	4.49	7.32
		6145		-1.16	-1.06	N/A	-1.03	-0.86	N/A	-1.49	-1.47	N/A	4.49	6.02
		6385		-1.86	-1.71	N/A	-1.65	-1.45	N/A	-2.21	-2.07	N/A	1.29	2.16
	6	6465		-1.88	-2.28	N/A	-1.54	-2.04	N/A	-2.09	-2.55	N/A	1.29	1.99
		6545		-2.11	-2.59	N/A	-1.95	-2.36	N/A	-2.77	-3.01	N/A	1.29	1.41
		7		6625	-2.98	-3.74	N/A	-2.60	-3.44	N/A	-2.95	-3.98	N/A	1.29
	6705			-2.82	-3.99	N/A	-2.42	-3.70	N/A	-2.81	-4.12	N/A	1.29	0.88
	6785			-1.80	-2.76	N/A	-1.56	-2.53	N/A	-2.29	-3.25	N/A	1.29	1.56
	8	6865		-2.24	-3.17	N/A	-2.08	-2.99	N/A	-2.63	-3.71	N/A	3.07	2.94
		6945		-1.33	-2.00	N/A	-1.06	-1.70	N/A	-1.89	-2.28	N/A	3.07	4.00
		7025		-1.87	-2.30	N/A	-1.53	-2.21	N/A	-2.35	-2.74	N/A	3.07	3.54

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>	
				RU Index 53			RU Index 56			RU Index 60					
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>			
802.11ax-HE160 (80L)	5	6025	106T	-1.20	-1.28	N/A	-0.22	-0.25	N/A	0.16	0.43	N/A	4.49	7.80	
		6185		-2.37	-2.08	N/A	-1.45	-1.30	N/A	-1.16	-0.98	N/A	4.49	6.43	
		6345		-3.25	-2.32	N/A	-2.02	-1.34	N/A	-1.46	-0.98	N/A	1.29	3.09	
	6	6505		-3.07	-3.05	N/A	-2.13	-2.11	N/A	-1.79	-1.75	N/A	1.29	2.53	
		7		6665	-4.31	-4.41	N/A	-3.39	-3.39	N/A	-2.71	-2.86	N/A	1.29	1.52
				6825	-3.76	-3.71	N/A	-2.98	-2.82	N/A	-2.31	-2.26	N/A	3.07	3.80
	8	6985		-2.74	-2.73	N/A	-1.82	-1.94	N/A	-1.49	-1.51	N/A	3.07	4.58	

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>	
				RU Index S53			RU Index S56			RU Index S60					
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>			
802.11ax-HE160 (80H)	5	6025	106T	0.21	0.28	N/A	-0.40	-0.05	N/A	-2.09	-1.72	N/A	4.49	5.60	
		6185		-1.22	-0.82	N/A	-1.59	-1.45	N/A	-3.06	-3.01	N/A	4.49	4.47	
		6345		-1.36	-1.04	N/A	-1.93	-1.47	N/A	-3.37	-2.99	N/A	1.29	1.12	
	6	6505		-1.90	-1.69	N/A	-2.32	-2.28	N/A	-3.88	-3.80	N/A	1.29	0.46	
		7		6665	-2.92	-3.12	N/A	-3.45	-3.54	N/A	-4.90	-4.81	N/A	1.29	-0.55
				6825	-2.29	-2.24	N/A	-3.03	-2.93	N/A	-4.37	-4.56	N/A	3.07	1.62
	8	6985		-1.56	-1.45	N/A	-2.26	-1.97	N/A	-3.75	-3.53	N/A	3.07	2.44	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 242T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE20	5	5955	242T	2.13	2.48	0.15	4.49	9.96
		6175		2.07	2.41	0.15	4.49	9.89
		6415		1.95	2.42	0.15	1.29	6.64
	6	6435		1.38	1.86	0.15	1.29	6.08
		6475		1.51	1.8	0.15	1.29	6.11
		6515		1.76	1.8	0.15	1.29	6.23
	7	6535		1.43	1.61	0.15	1.29	5.97
		6695		1.71	1.72	0.15	1.29	6.17
		6855		1.59	1.76	0.15	3.07	7.91
	8	6875		0.96	1.11	0.15	3.07	7.27
		6995		0.91	0.89	0.15	3.07	7.13
		7115		-2.82	-2.64	0.15	3.07	3.50

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	242T	2.01	1.3	0.15	1.89	1.19	0.15	4.49	9.20
		6165		1.73	1.4	0.15	1.54	1.16	0.15	4.49	9.00
		6405		1.69	1.4	0.15	1.7	1.45	0.15	1.29	6.03
	6	6445		1.07	1.07	0.15	1.38	1.02	0.15	1.29	5.65
		6485		1.22	0.92	0.15	1.07	1.44	0.15	1.29	5.71
	7	6525		1.44	0.89	0.15	2.21	1.51	0.15	1.29	6.32
		6685		1.12	0.19	0.15	1.34	0.25	0.15	1.29	5.28
		6845		1.14	0.04	0.15	1.29	0.17	0.15	3.07	7.00
	8	6885		0.87	-0.15	0.15	0.71	-0.06	0.15	3.07	6.57
		7005		0.78	-0.33	0.15	0.84	-0.22	0.15	3.07	6.57
		7085		0.91	0.06	0.15	1.16	0.55	0.15	3.07	7.10

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	242T	2.35	2.73	0.15	2.36	2.91	0.15	2.34	2.44	0.15	4.49	10.04
		6145		2.57	2.56	0.15	2.49	2.58	0.15	2.13	2.35	0.15	4.49	9.89
		6385		2.08	2.17	0.15	2.33	2.41	0.15	2.27	2.4	0.15	1.29	6.79
	6	6465		1.81	1.58	0.15	2.72	2.72	0.15	1.81	1.65	0.15	1.29	6.18
		6545		1.38	1.99	0.15	2.34	2.91	0.15	1.97	2.43	0.15	1.29	6.66
	7	6625		0.94	1.67	0.15	1.13	1.84	0.15	0.87	1.6	0.15	1.29	5.70
		6705		1.16	1.74	0.15	1.25	1.86	0.15	0.89	1.65	0.15	1.29	5.74
		6785		0.99	1.58	0.15	1.03	1.74	0.15	0.87	1.72	0.15	1.29	5.77
	8	6865		0.83	1.44	0.15	1.25	1.86	0.15	0.42	0.86	0.15	3.07	6.88
		6945		0.53	0.93	0.15	1.36	1.97	0.15	0.42	0.86	0.15	3.07	6.88
		7025		0.23	0.89	0.15	1.2	1.89	0.15	0	1.18	0.15	3.07	6.86

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 61			RU Index 62			RU Index 64				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80L)	5	6025	242T	1.95	2.74	0.15	2.36	3.03	0.15	1.74	2.56	0.15	4.49	9.82
		6185		1.93	2.37	0.15	2.14	2.93	0.15	1.84	2.42	0.15	4.49	9.79
		6345		1.89	2.52	0.15	2.33	2.63	0.15	1.87	2.4	0.15	1.29	6.59
	6	6505		1.63	1.93	0.15	2.5	2.95	0.15	1.5	1.92	0.15	1.29	6.17
		6665		0.09	1.4	0.15	0.57	1.91	0.15	0.23	1.85	0.15	1.29	5.57
	7	6825		-0.01	1.39	0.15	0.38	1.62	0.15	-0.2	1.25	0.15	3.07	6.82
		6985		-0.48	0.65	0.15	0.74	2	0.15	-0.69	0.85	0.15	3.07	6.38

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)									Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S61			RU Index S62			RU Index S64				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160 (80H)	5	6025	242T	1.54	2.75	0.15	1.49	2.6	0.15	1.76	2.54	0.15	4.49	9.82
		6185		1.72	2.48	0.15	1.54	2.54	0.15	1.88	2.57	0.15	4.49	9.89
		6345		1.78	2.31	0.15	1.69	2.45	0.15	2.01	2.51	0.15	1.29	6.72
	6	6505		1.53	1.98	0.15	2.08	2.6	0.15	1.82	2.51	0.15	1.29	6.63
		6665		-0.15	1.52	0.15	-0.41	1.36	0.15	-0.37	1.66	0.15	1.29	5.21
	7	6825		-0.47	1.43	0.15	0.31	1.34	0.15	-0.24	0.87	0.15	3.07	6.58
		6985		-0.58	0.74	0.15	0.26	1.64	0.15	-0.34	1.02	0.15	3.07	6.62

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 484T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE40	5	5965	484T	5.33	5.57	N/A	4.49	12.95
		6165		5.17	5.5	N/A	4.49	12.84
		6405		5.18	5.29	N/A	1.29	9.54
	6	6445		5.32	5.56	N/A	1.29	9.74
		6485		5.25	5.59	N/A	1.29	9.72
		7		6525	5.44	5.46	N/A	1.29
	6685			4.68	4.84	N/A	1.29	9.06
	6845			4.61	4.66	N/A	3.07	10.72
	8	6885		4.74	4.88	N/A	3.07	10.89
		7005		4.56	4.53	N/A	3.07	10.63
		7085		4.73	4.98	N/A	3.07	10.94

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	484T	5.33	5.36	N/A	5.31	5.41	N/A	4.49	12.86
		6145		5.46	5.3	N/A	5.45	5.29	N/A	4.49	12.87
		6385		5.03	5.12	N/A	5.45	5.17	N/A	1.29	9.61
	6	6465		5.47	5.1	N/A	5.3	5.44	N/A	1.29	9.67
		6545		5.17	5.61	N/A	5.19	5.24	N/A	1.29	9.52
		7		6625	4.39	4.53	N/A	4.29	4.45	N/A	1.29
	6705			4.49	4.46	N/A	4.37	4.64	N/A	1.29	8.81
	6785			4.15	4.5	N/A	4.33	4.68	N/A	1.29	8.81
	8	6865		4.28	4.62	N/A	4.52	4.52	N/A	3.07	10.60
		6945		4.58	4.36	N/A	4.3	4.58	N/A	3.07	10.52
		7025		4.22	4.51	N/A	4.44	4.55	N/A	3.07	10.58

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.



Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 65			RU Index 66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80L)	5	6025	484T	4.98	5.44	N/A	4.67	5.49	N/A	4.49	12.60
		6185		5.05	5.3	N/A	5.04	5.32	N/A	4.49	12.68
		6345		4.93	5.19	N/A	5.01	5.27	N/A	1.29	9.44
	6	6505		5.23	5.12	N/A	5.25	5.39	N/A	1.29	9.62
	7	6665		3.96	4.53	N/A	3.61	4.42	N/A	1.29	8.33
		6825		3.96	4.47	N/A	3.7	4.63	N/A	3.07	10.27
		6985		4.25	4.42	N/A	4.09	4.75	N/A	3.07	10.51

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index S65			RU Index S66				
				AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)	AUX	Main	Duty Cycle Factor <sup>Note 3</sup> 10log(1/X)		
802.11ax-HE160 (80H)	5	6025	484T	4.81	5.42	N/A	4.83	5.41	N/A	4.49	12.63
		6185		4.81	5.36	N/A	4.85	5.12	N/A	4.49	12.49
		6345		4.62	5.19	N/A	4.93	5.16	N/A	1.29	9.35
	6	6505		5.06	5.45	N/A	4.94	5.31	N/A	1.29	9.43
	7	6665		3.99	4.52	N/A	3.93	4.51	N/A	1.29	8.53
		6825		3.97	4.56	N/A	4.03	4.61	N/A	3.07	10.41
		6985		4.09	4.41	N/A	4.06	4.74	N/A	3.07	10.49

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

**Tones: 996T**

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)			Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE80	5	5985	996T	7.25	6.58	0.159	4.49	14.59
		6145		7.22	6.24	0.159	4.49	14.42
		6385		7.49	6.52	0.159	1.29	11.49
	6	6465		7.36	6.43	0.159	1.29	11.38
		6545		7.41	6.35	0.159	1.29	11.37
	7	6625		6.72	5.45	0.159	1.29	10.59
		6705		6.44	5.37	0.159	1.29	10.40
		6785		6.3	5.3	0.159	1.29	10.29
	8	6865		6.14	5.3	0.159	3.07	11.98
		6945		6.54	5.58	0.159	3.07	12.33
		7025		6.71	5.73	0.159	3.07	12.49

Mode	U-NII Band	Centre Frequency (MHz)	Tones	Average Conducted Output power (dBm)						Directional Antenna Gain (dBi) <sup>Note 4</sup>	Max EIRP (dBm) <sup>Note 5</sup>
				RU Index 67			RU Index S67				
				AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>	AUX	Main	Duty Cycle Factor 10log(1/X) <sup>Note 3</sup>		
802.11ax-HE160	5	6025	996T	7.57	6.67	0.159	7.34	6.68	0.159	4.49	14.68
		6185		7.58	6.76	0.159	7.59	6.66	0.159	4.49	14.81
		6345		7.76	6.81	0.159	7.58	6.81	0.159	1.29	11.67
	6	6505		7.14	6.23	0.159	7.04	6.18	0.159	1.29	11.09
		6665		6.95	5.69	0.159	6.75	5.61	0.159	1.29	10.68
	7	6825		6.62	5.62	0.159	6.22	5.36	0.159	3.07	12.05
		6985		6.58	5.72	0.159	6.48	5.75	0.159	3.07	12.37

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. EIRP limit is 24dBm

3. Duty cycle factor is not applicable for duty cycle > 98%.

4. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

$$\text{Directional gain} = 10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{\text{ANT}}] \text{ dBi}$$

Directional gain:

$$5925\text{MHz: Directional gain} = 10 \log[(10^{2.48/10} + 10^{5.85/10})/2] = 4.49\text{dBi}$$

$$6525\text{MHz: Directional gain} = 10 \log[(10^{1.38/10} + 10^{1.19/10})/2] = 1.29\text{dBi}$$

$$7125\text{MHz: Directional gain} = 10 \log[(10^{1.89/10} + 10^{3.99/10})/2] = 3.07\text{dBi}$$

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

5. Max EIRP = Max of Average Conducted Output Power [ANT A (AUX)+ ANT B (Main)+ Duty Cycle Factor]+ Directional gain.

## A.4 CONTENTION BASED PROTOCOL

Test Date	2023/06/26	Temp./Hum.	26°C/41%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Sam Chang

### A.4.1 Contention-based Protocol

● Contention-based Protocol Threshold Incumbent Signal & Mini. Detection level

Mode	U-NII Band	EUT Frequency (MHz)	AWGN Frequency (MHz)	Injected AWGN Power (dBm)	Min. Antenna Gain (Include path loss) (dBi) *Note1	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax-HE20	5	6135	6135	-76.20	0.11	-76.31	-62	OFF
			6135	-83.20	0.11	-83.31	-62	Minimum
			6135	-86.20	0.11	-86.31	-62	ON
	6	6455	6455	-75.90	0.11	-76.01	-62	OFF
			6455	-81.90	0.11	-82.01	-62	Minimum
			6455	-83.90	0.11	-84.01	-62	ON
	7	6695	6695	-75.00	0.11	-75.11	-62	OFF
			6695	-81.00	0.11	-81.11	-62	Minimum
			6695	-83.00	0.11	-83.11	-62	ON
	8	7015	7015	-75.00	0.11	-75.11	-62	OFF
			7015	-81.00	0.11	-81.11	-62	Minimum
			7015	-83.00	0.11	-83.11	-62	ON

Note 1: the listed Min. gain of EUT was included path loss.

Note 2: Detected level (Adjusted Power) = Injected AWGN Power (dBm) – (Antenna Gain (dBi) + Path loss (dB)) \*Note1.

Note 3: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Note 4: The EUT don't support channel puncturing or BW reduction mechanism.

Note 5: Per FCC TCB workshop April 2022, The Injected AWGN power is actual power of AWGN injected into the antenna port.

Mode	U-NII Band	EUT Frequency (MHz)	AWGN Frequency (MHz)	Injected AWGN Power (dBm)	Min. Antenna Gain (Include path loss) (dBi) *Note1	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax-HE160	5	6185	6110	-78.50	0.11	-78.61	-62	OFF
			6110	-80.50	0.11	-80.61	-62	Minimum
			6110	-81.50	0.11	-81.61	-62	ON
			6185	-70.50	0.11	-70.61	-62	OFF
			6185	-75.50	0.11	-75.61	-62	Minimum
			6185	-77.50	0.11	-77.61	-62	ON
			6260	-71.90	0.11	-72.01	-62	OFF
			6260	-74.90	0.11	-75.01	-62	Minimum
	6-7	6505	6430	-74.30	0.11	-74.41	-62	OFF
			6430	-80.30	0.11	-80.41	-62	Minimum
			6430	-81.30	0.11	-81.41	-62	ON
			6505	-73.00	0.11	-73.11	-62	OFF
			6505	-75.00	0.11	-75.11	-62	Minimum
			6505	-78.00	0.11	-78.11	-62	ON
			6580	-71.80	0.11	-71.91	-62	OFF
			6580	-73.80	0.11	-73.91	-62	Minimum
	7	6665	6580	-75.80	0.11	-75.91	-62	ON
			6590	-75.80	0.11	-75.91	-62	OFF
			6590	-81.80	0.11	-81.91	-62	Minimum
			6590	-83.80	0.11	-83.91	-62	ON
			6665	-70.60	0.11	-70.71	-62	OFF
			6665	-75.60	0.11	-75.71	-62	Minimum
			6665	-78.60	0.11	-78.71	-62	ON
			6740	-73.00	0.11	-73.11	-62	OFF
	8	6985	6740	-75.00	0.11	-75.11	-62	Minimum
			6740	-77.00	0.11	-77.11	-62	ON
			6910	-80.00	0.11	-80.11	-62	OFF
			6910	-82.00	0.11	-82.11	-62	Minimum
			6910	-84.00	0.11	-84.11	-62	ON
			6985	-73.30	0.11	-73.41	-62	OFF
			6985	-76.30	0.11	-76.41	-62	Minimum
			6985	-78.30	0.11	-78.41	-62	ON
	8	6985	7060	-73.50	0.11	-73.61	-62	OFF
			7060	-75.50	0.11	-75.61	-62	Minimum
			7060	-77.50	1.60	-79.10	-62	ON

Note 1: the listed Min. gain of EUT was included path loss.

Note 2: Detected level (Adjusted Power) = Injected AWGN Power (dBm) – (Antenna Gain (dBi) + Path loss (dB)) \*Note1.

Note 3: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Note 4: The EUT don't support channel puncturing or BW reduction mechanism.

Note 5: Per FCC TCB workshop April 2022, The Injected AWGN power is actual power of AWGN injected into the antenna port.

● Summary table

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)	
802.11ax-HE20	5	6135	6135	1	1	1	1	1	1	1	1	1	1	100	90	
	6	6455	6455	1	1	1	1	1	1	1	1	1	1	100	90	
	7	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90	
	8	7015	7015	1	1	1	1	1	1	1	1	1	1	100	90	
802.11ax-HE160	5	6185	6110	1	1	1	1	1	1	1	1	1	1	100	90	
			6185	1	1	1	1	1	1	1	1	1	1	1	100	90
			6260	1	1	1	1	1	1	1	1	1	1	1	100	90
	6-7	6505	6430	1	1	1	1	1	1	1	1	1	1	1	100	90
			6505	1	1	1	1	1	1	1	1	1	1	1	100	90
			6580	1	1	1	1	1	1	1	1	1	1	1	100	90
	7	6665	6590	1	1	1	1	1	1	1	1	1	1	1	100	90
			6665	1	1	1	1	1	1	1	1	1	1	1	100	90
			6740	1	1	1	1	1	1	1	1	1	1	1	100	90
	8	6985	6910	1	1	1	1	1	1	1	1	1	1	1	100	90
			6985	1	1	1	1	1	1	1	1	1	1	1	100	90
			7060	1	1	1	1	1	1	1	1	1	1	1	100	90

Note: CBP Detection Trials (1= Detection, 0= No Detection)

A.4.2 Measurement Plots

