

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

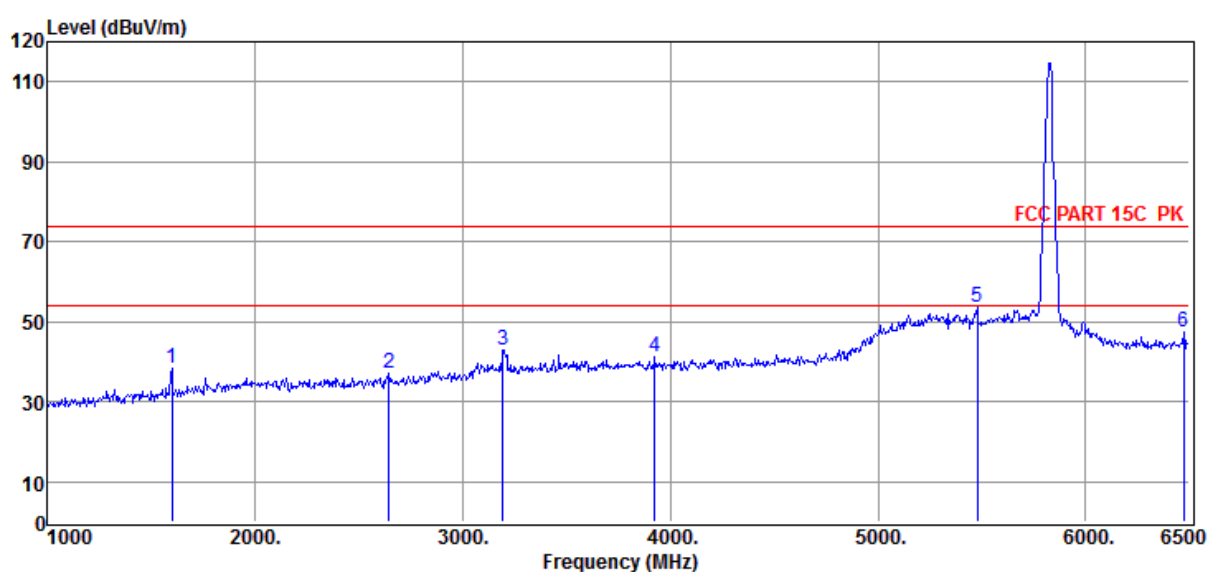
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5825MHz

Data: 252



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.88	26.12	-34.59	38.41	74.00	-35.59	Peak	VERTICAL
2	2644.50	42.02	28.28	-33.27	37.03	74.00	-36.97	Peak	VERTICAL
3	3194.50	46.62	29.67	-33.23	43.06	74.00	-30.94	Peak	VERTICAL
4	3926.00	42.63	31.42	-32.95	41.10	74.00	-32.90	Peak	VERTICAL
5	5477.00	51.97	33.76	-32.27	53.46	74.00	-20.54	Peak	VERTICAL
6	6472.50	43.85	35.77	-32.33	47.29	74.00	-26.71	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission test (6.5GHz – 18GHz)

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

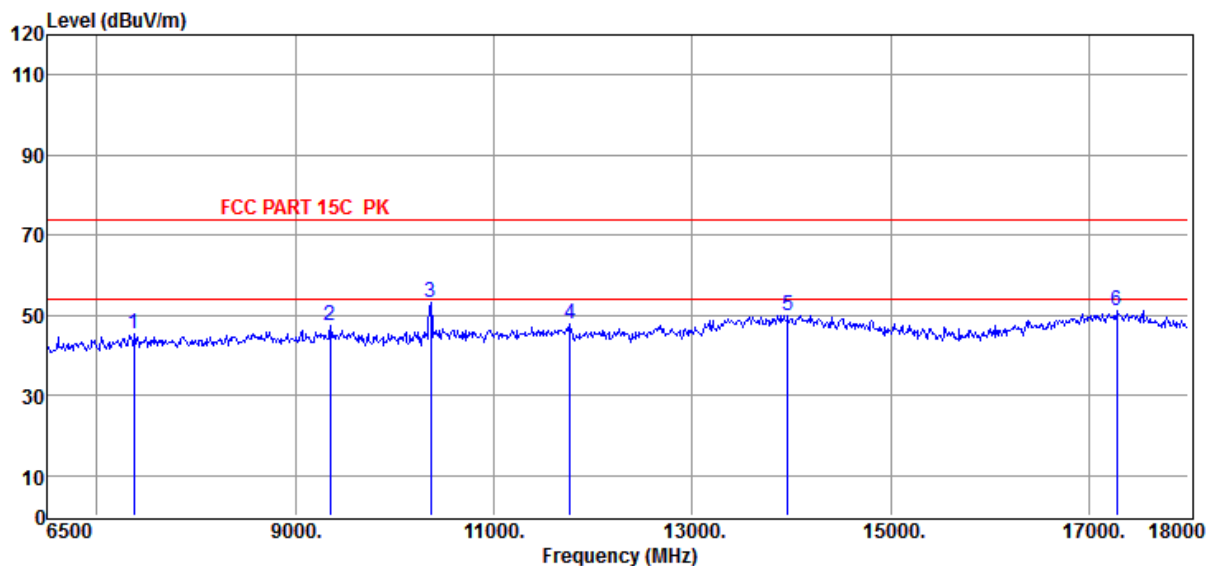
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5180MHz

Data: 205



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7374.00	39.27	37.20	-30.96	45.51	74.00	-28.49	Peak	VERTICAL
2	9352.00	39.79	37.91	-30.28	47.42	74.00	-26.58	Peak	VERTICAL
3	10364.00	44.33	38.45	-29.43	53.35	74.00	-20.65	Peak	VERTICAL
4	11767.00	38.16	38.65	-28.87	47.94	74.00	-26.06	Peak	VERTICAL
5	13963.50	37.01	41.33	-28.41	49.93	74.00	-24.07	Peak	VERTICAL
6	17275.50	35.40	42.59	-26.81	51.18	74.00	-22.82	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

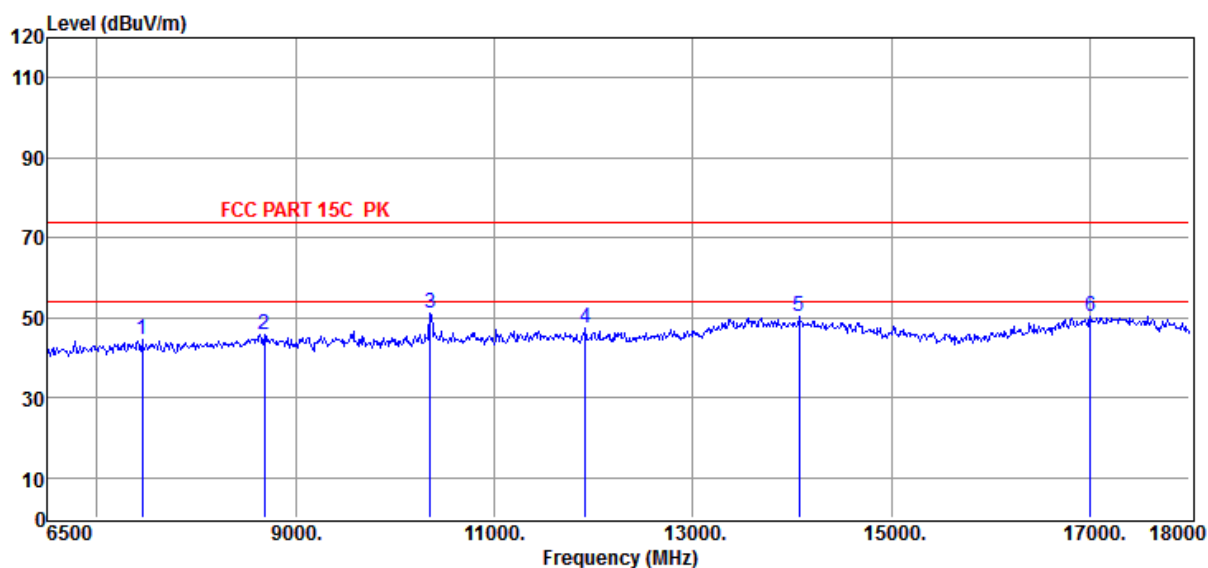
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5180MHz

Data: 206



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7454.50	37.96	37.33	-30.88	44.41	74.00	-29.59	Peak	HORIZONTAL
2	8685.00	38.65	37.51	-30.46	45.70	74.00	-28.30	Peak	HORIZONTAL
3	10352.50	42.14	38.44	-29.48	51.10	74.00	-22.90	Peak	HORIZONTAL
4	11916.50	37.09	38.62	-28.46	47.25	74.00	-26.75	Peak	HORIZONTAL
5	14067.00	37.34	41.31	-28.47	50.18	74.00	-23.82	Peak	HORIZONTAL
6	16999.50	34.51	42.20	-26.47	50.24	74.00	-23.76	Peak	HORIZONTAL

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

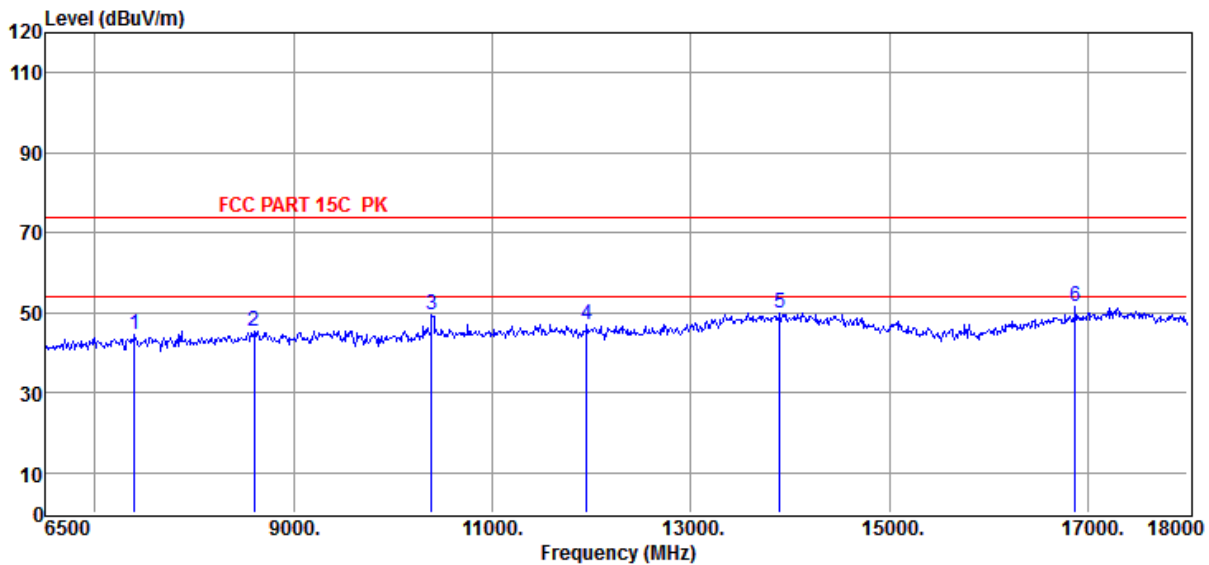
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5200MHz

Data: 207



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7397.00	38.08	37.24	-30.72	44.60	74.00	-29.40	Peak	HORIZONTAL
2	8604.50	38.45	37.46	-30.58	45.33	74.00	-28.67	Peak	HORIZONTAL
3	10387.00	40.23	38.45	-29.33	49.35	74.00	-24.65	Peak	HORIZONTAL
4	11951.00	37.29	38.61	-28.71	47.19	74.00	-26.81	Peak	HORIZONTAL
5	13894.50	37.64	41.19	-28.74	50.09	74.00	-23.91	Peak	HORIZONTAL
6	16873.00	36.91	41.59	-27.12	51.38	74.00	-22.62	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

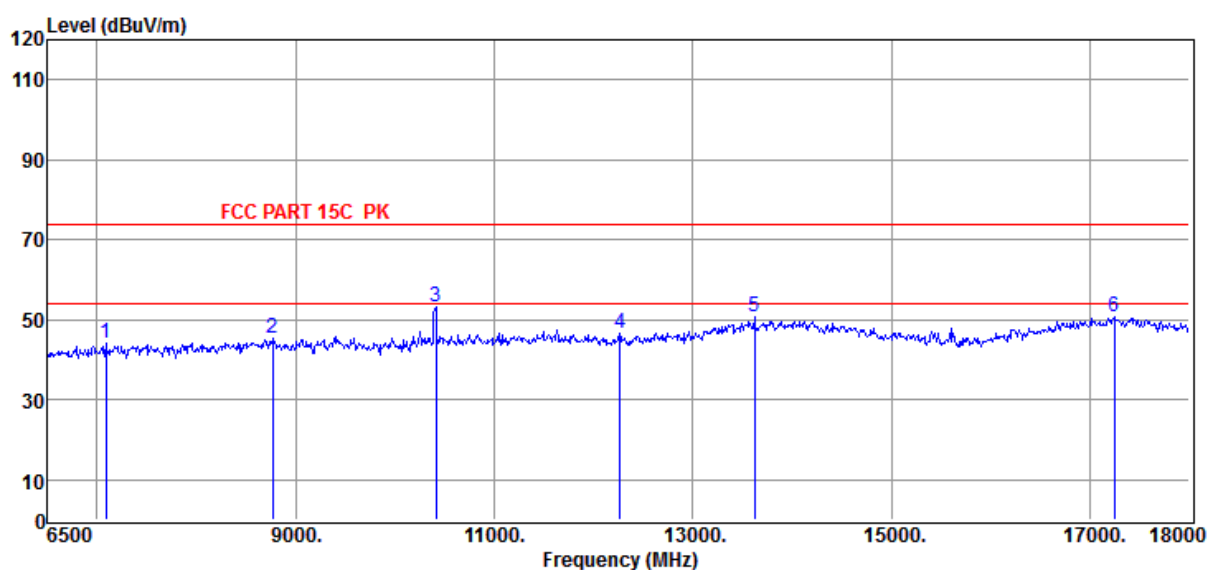
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5200MHz

Data: 208



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7086.50	38.75	36.74	-31.40	44.09	74.00	-29.91	Peak	VERTICAL
2	8765.50	38.93	37.56	-31.02	45.47	74.00	-28.53	Peak	VERTICAL
3	10410.00	44.16	38.46	-29.33	53.29	74.00	-20.71	Peak	VERTICAL
4	12261.50	37.21	38.60	-29.09	46.72	74.00	-27.28	Peak	VERTICAL
5	13618.50	39.04	40.64	-29.15	50.53	74.00	-23.47	Peak	VERTICAL
6	17241.00	35.21	42.54	-26.92	50.83	74.00	-23.17	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

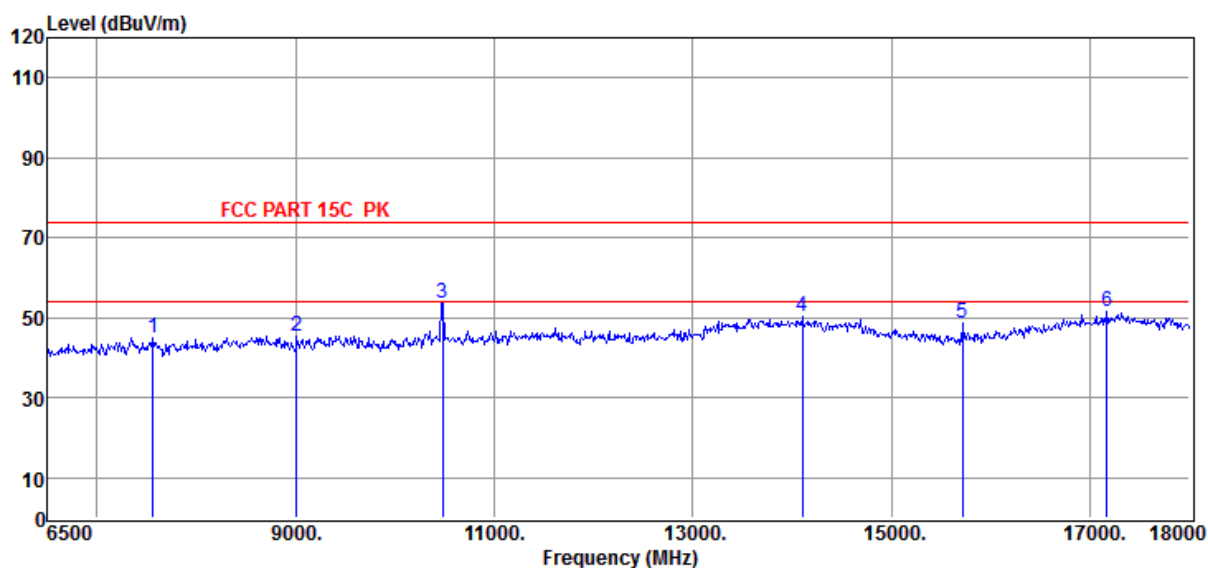
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5240MHz

Data: 209



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7558.00	38.90	37.35	-31.41	44.84	74.00	-29.16	Peak	VERTICAL
2	9007.00	38.84	37.70	-31.05	45.49	74.00	-28.51	Peak	VERTICAL
3	10479.00	44.97	38.49	-29.71	53.75	74.00	-20.25	Peak	VERTICAL
4	14101.50	37.42	41.26	-28.58	50.10	74.00	-23.90	Peak	VERTICAL
5	15711.50	38.44	38.33	-27.96	48.81	74.00	-25.19	Peak	VERTICAL
6	17172.00	36.05	42.44	-27.12	51.37	74.00	-22.63	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

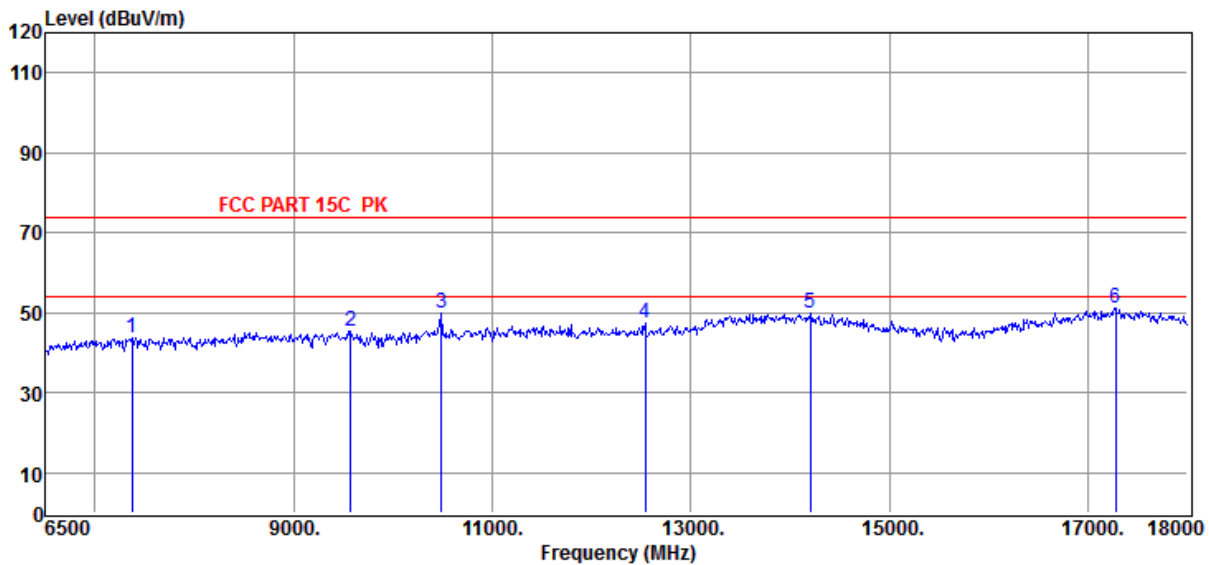
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5240MHz

Data: 210



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7374.00	37.65	37.20	-30.96	43.89	74.00	-30.11	Peak	HORIZONTAL
2	9570.50	37.71	38.04	-30.32	45.43	74.00	-28.57	Peak	HORIZONTAL
3	10490.50	41.09	38.50	-29.78	49.81	74.00	-24.19	Peak	HORIZONTAL
4	12537.50	38.05	38.67	-29.50	47.22	74.00	-26.78	Peak	HORIZONTAL
5	14205.00	35.88	41.11	-27.15	49.84	74.00	-24.16	Peak	HORIZONTAL
6	17275.50	35.40	42.59	-26.81	51.18	74.00	-22.82	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

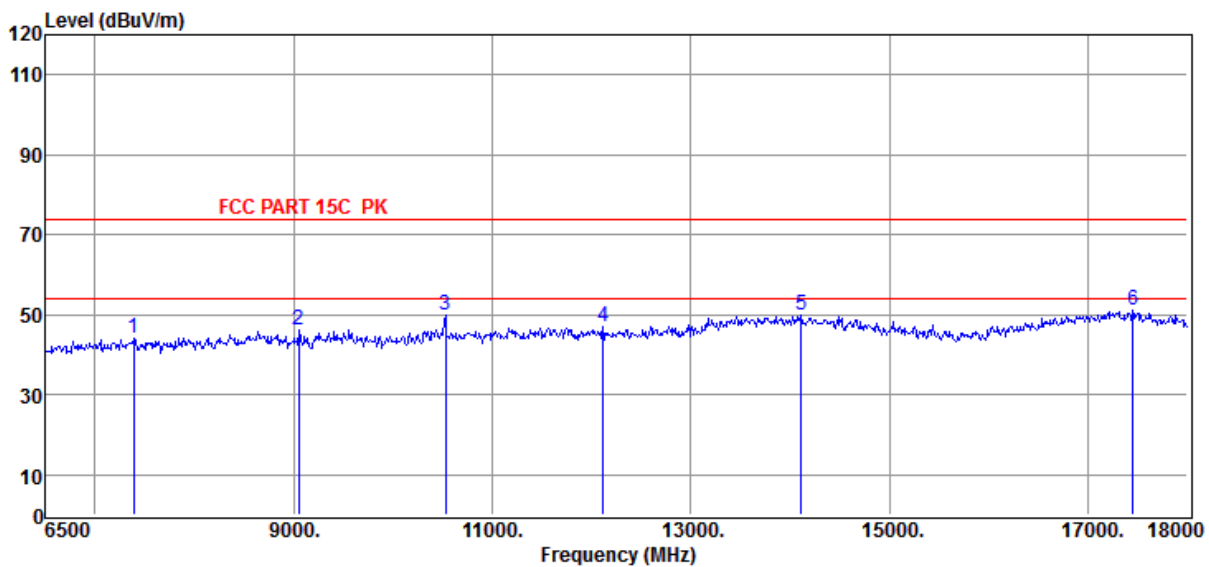
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5260MHz

Data: 211



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7385.50	37.68	37.22	-30.84	44.06	74.00	-29.94	Peak	HORIZONTAL
2	9053.00	39.31	37.73	-30.89	46.15	74.00	-27.85	Peak	HORIZONTAL
3	10525.00	40.97	38.51	-29.75	49.73	74.00	-24.27	Peak	HORIZONTAL
4	12112.00	37.18	38.60	-28.60	47.18	74.00	-26.82	Peak	HORIZONTAL
5	14113.00	36.92	41.24	-28.40	49.76	74.00	-24.24	Peak	HORIZONTAL
6	17448.00	35.57	42.83	-27.38	51.02	74.00	-22.98	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

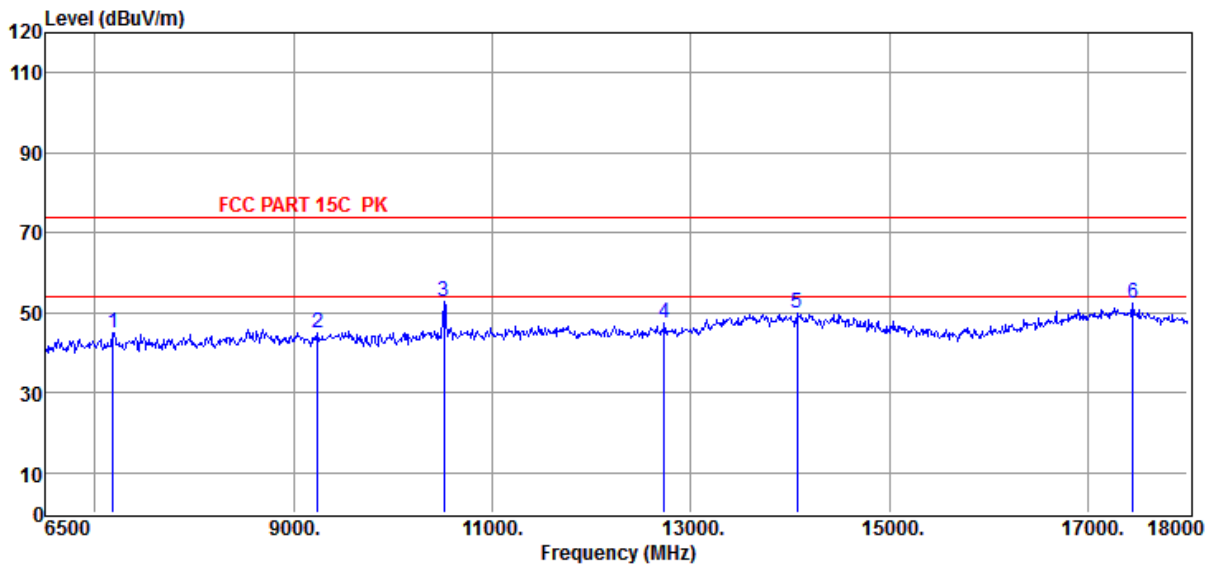
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5260MHz

Data: 212



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7178.50	38.76	36.89	-30.74	44.91	74.00	-29.09	Peak	VERTICAL
2	9237.00	37.63	37.84	-30.62	44.85	74.00	-29.15	Peak	VERTICAL
3	10513.50	44.11	38.51	-29.79	52.83	74.00	-21.17	Peak	VERTICAL
4	12733.00	38.39	39.02	-29.83	47.58	74.00	-26.42	Peak	VERTICAL
5	14067.00	37.12	41.31	-28.47	49.96	74.00	-24.04	Peak	VERTICAL
6	17448.00	37.10	42.83	-27.38	52.55	74.00	-21.45	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

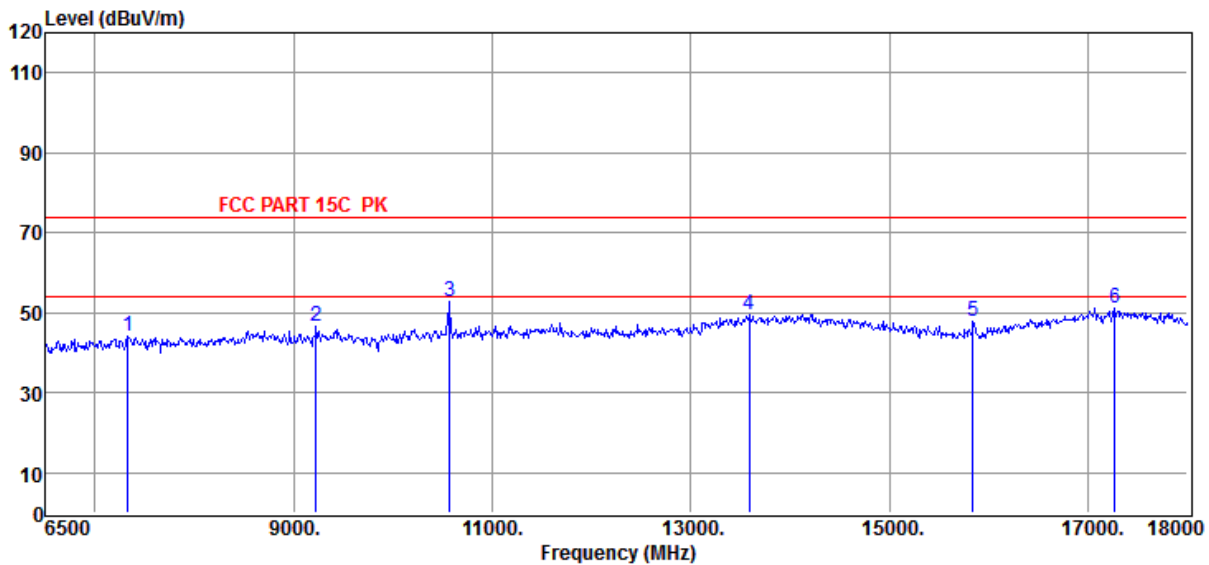
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5280MHz

Data: 213



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7328.00	38.43	37.12	-31.26	44.29	74.00	-29.71	Peak	VERTICAL
2	9225.50	39.38	37.84	-30.59	46.63	74.00	-27.37	Peak	VERTICAL
3	10571.00	43.74	38.53	-29.60	52.67	74.00	-21.33	Peak	VERTICAL
4	13584.00	38.31	40.57	-29.19	49.69	74.00	-24.31	Peak	VERTICAL
5	15838.00	37.16	38.40	-27.91	47.65	74.00	-26.35	Peak	VERTICAL
6	17264.00	35.39	42.57	-26.85	51.11	74.00	-22.89	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

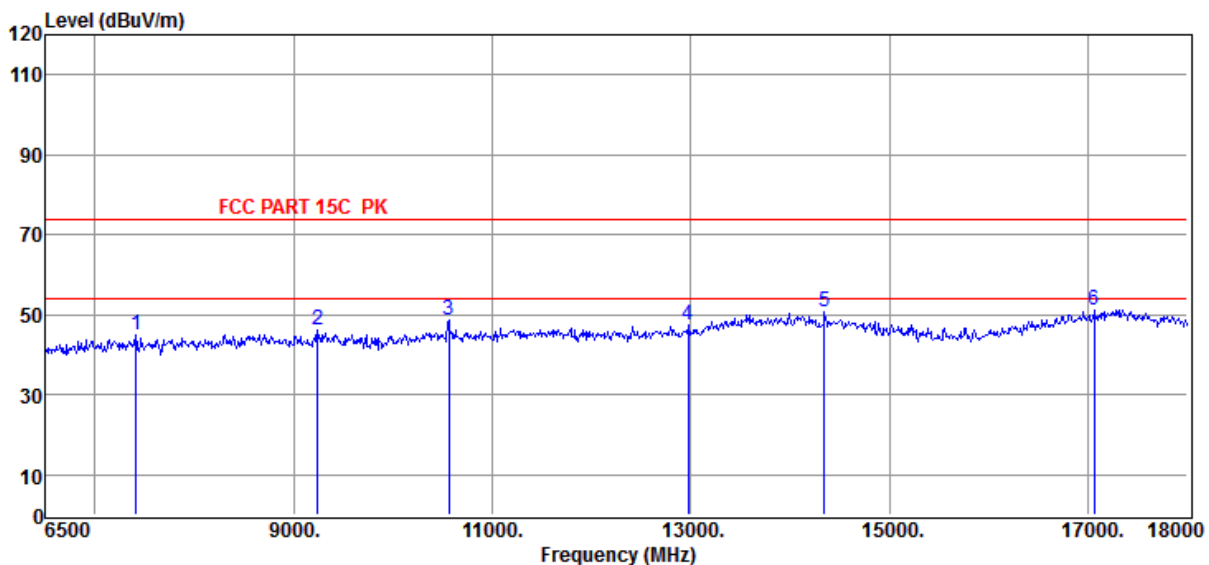
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5280MHz

Data: 214



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7408.50	38.31	37.25	-30.72	44.84	74.00	-29.16	Peak	HORIZONTAL
2	9237.00	38.83	37.84	-30.62	46.05	74.00	-27.95	Peak	HORIZONTAL
3	10559.50	39.97	38.52	-29.64	48.85	74.00	-25.15	Peak	HORIZONTAL
4	12974.50	37.73	39.45	-29.93	47.25	74.00	-26.75	Peak	HORIZONTAL
5	14343.00	37.48	40.92	-27.84	50.56	74.00	-23.44	Peak	HORIZONTAL
6	17057.00	35.72	42.28	-26.97	51.03	74.00	-22.97	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

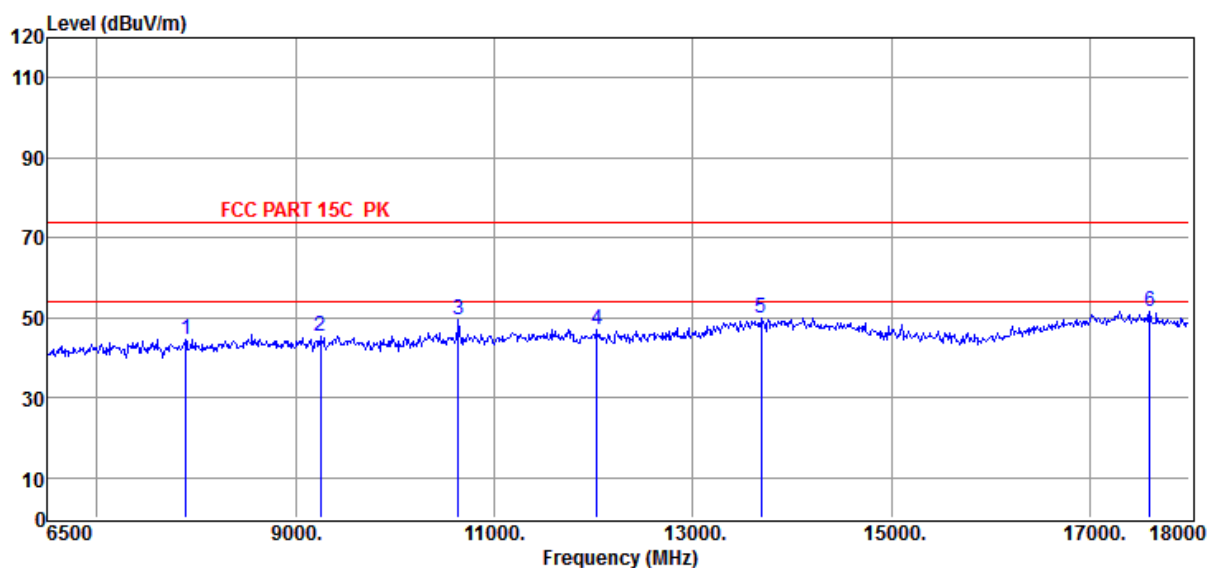
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5320MHz

Data: 215



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	7891.50	38.58	37.09	-31.28	44.39	74.00	-29.61	Peak	HORIZONTAL
2	9248.50	38.19	37.85	-30.65	45.39	74.00	-28.61	Peak	HORIZONTAL
3	10640.00	40.62	38.56	-29.54	49.64	74.00	-24.36	Peak	HORIZONTAL
4	12031.50	37.15	38.60	-28.90	46.85	74.00	-27.15	Peak	HORIZONTAL
5	13687.50	37.65	40.78	-28.55	49.88	74.00	-24.12	Peak	HORIZONTAL
6	17597.50	36.21	42.76	-27.33	51.64	74.00	-22.36	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

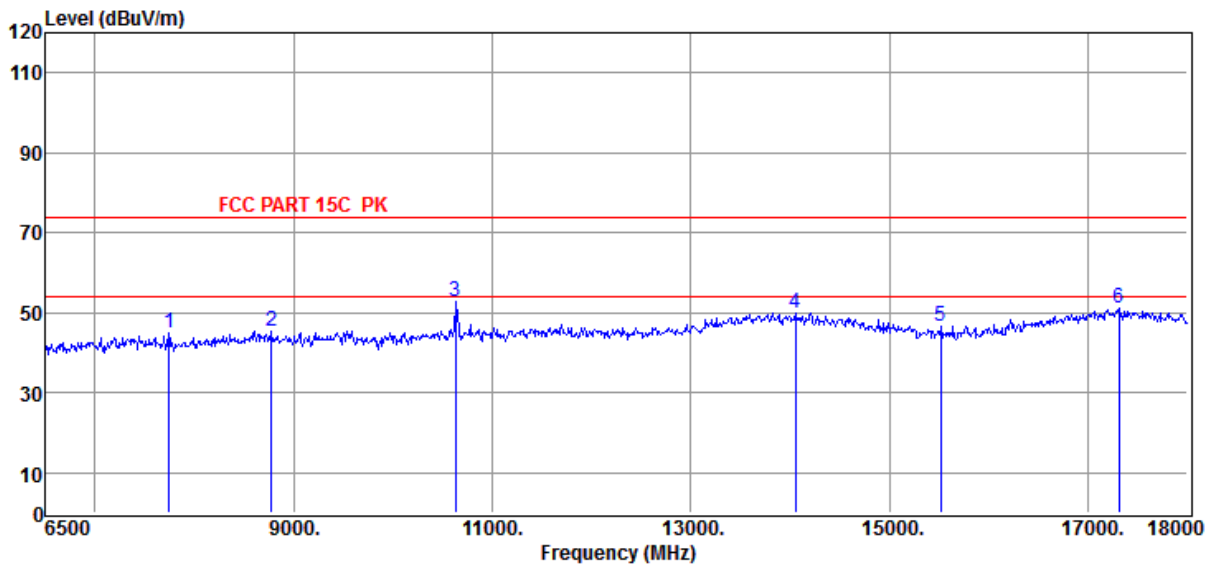
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5320MHz

Data: 216



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7742.00	38.91	37.21	-31.33	44.79	74.00	-29.21	Peak	VERTICAL
2	8777.00	38.95	37.57	-31.13	45.39	74.00	-28.61	Peak	VERTICAL
3	10628.50	43.72	38.55	-29.53	52.74	74.00	-21.26	Peak	VERTICAL
4	14055.50	37.20	41.32	-28.43	50.09	74.00	-23.91	Peak	VERTICAL
5	15516.00	36.48	38.21	-27.95	46.74	74.00	-27.26	Peak	VERTICAL
6	17310.00	35.48	42.63	-26.80	51.31	74.00	-22.69	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

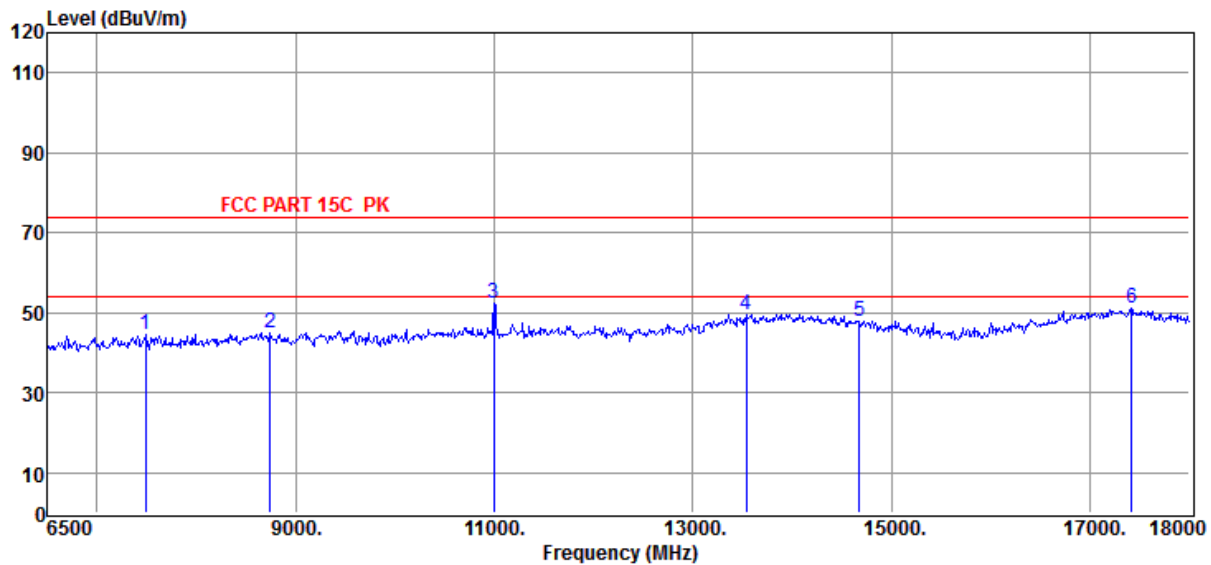
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5500MHz

Data: 217



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7489.00	38.34	37.38	-31.06	44.66	74.00	-29.34	Peak	VERTICAL
2	8742.50	38.25	37.55	-30.82	44.98	74.00	-29.02	Peak	VERTICAL
3	10996.50	42.78	38.70	-29.17	52.31	74.00	-21.69	Peak	VERTICAL
4	13538.00	37.81	40.48	-28.85	49.44	74.00	-24.56	Peak	VERTICAL
5	14676.50	34.91	40.10	-27.02	47.99	74.00	-26.01	Peak	VERTICAL
6	17413.50	35.71	42.78	-27.36	51.13	74.00	-22.87	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

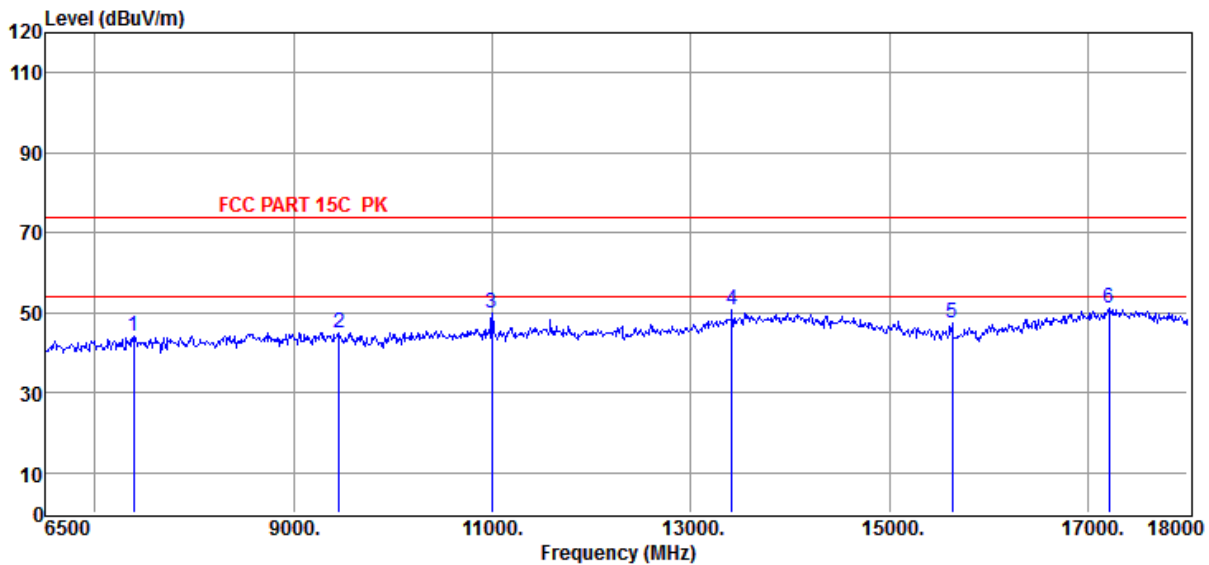
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5500MHz

Data: 218



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7385.50	37.57	37.22	-30.84	43.95	74.00	-30.05	Peak	HORIZONTAL
2	9455.50	37.33	37.97	-30.23	45.07	74.00	-28.93	Peak	HORIZONTAL
3	10996.50	40.33	38.70	-29.17	49.86	74.00	-24.14	Peak	HORIZONTAL
4	13411.50	39.82	40.24	-29.22	50.84	74.00	-23.16	Peak	HORIZONTAL
5	15631.00	36.76	38.28	-27.66	47.38	74.00	-26.62	Peak	HORIZONTAL
6	17206.50	35.50	42.49	-27.02	50.97	74.00	-23.03	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

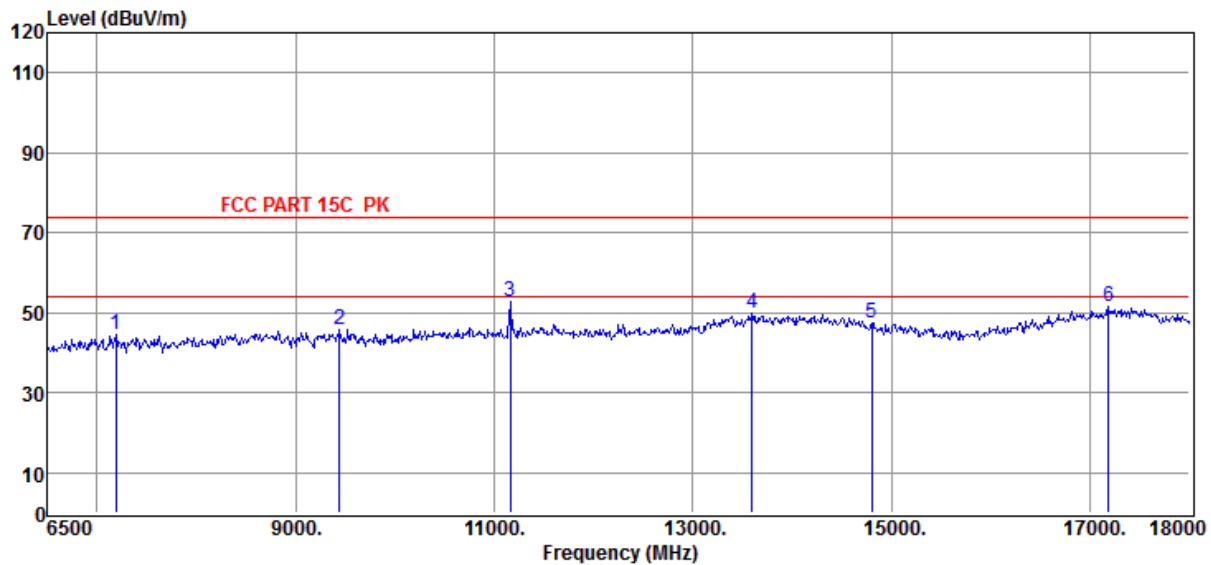
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5580MHz

Data: 219



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7190.00	38.04	36.90	-30.56	44.38	74.00	-29.62	Peak	HORIZONTAL
2	9444.00	37.92	37.97	-30.15	45.74	74.00	-28.26	Peak	HORIZONTAL
3	11157.50	42.41	38.70	-28.49	52.62	74.00	-21.38	Peak	HORIZONTAL
4	13595.50	38.42	40.59	-29.28	49.73	74.00	-24.27	Peak	HORIZONTAL
5	14803.00	35.38	39.67	-27.63	47.42	74.00	-26.58	Peak	HORIZONTAL
6	17183.50	35.99	42.46	-27.09	51.36	74.00	-22.64	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

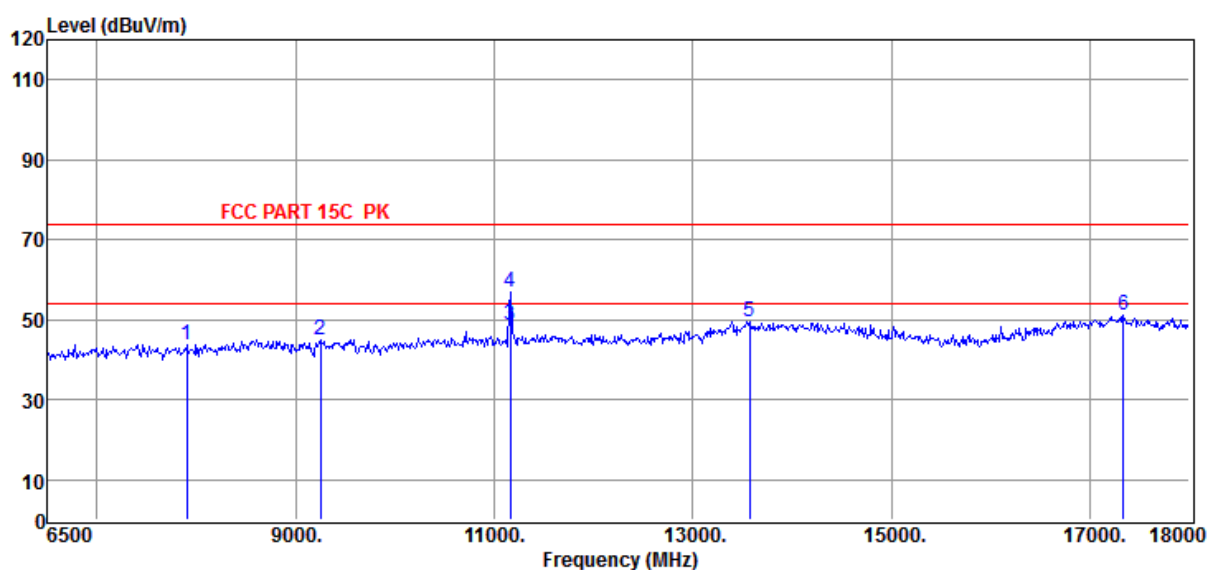
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5580MHz

Data: 220



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7903.00	37.99	37.08	-31.25	43.82	74.00	-30.18	Peak	VERTICAL
2	9248.50	37.80	37.85	-30.65	45.00	74.00	-29.00	Peak	VERTICAL
3	11160.00	38.47	38.70	-28.47	48.70	54.00	-5.30	Average	VERTICAL
4	11160.00	46.82	38.70	-28.47	57.05	74.00	-16.95	Peak	VERTICAL
5	13572.50	38.20	40.55	-29.11	49.64	74.00	-24.36	Peak	VERTICAL
6	17333.00	35.40	42.67	-26.94	51.13	74.00	-22.87	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

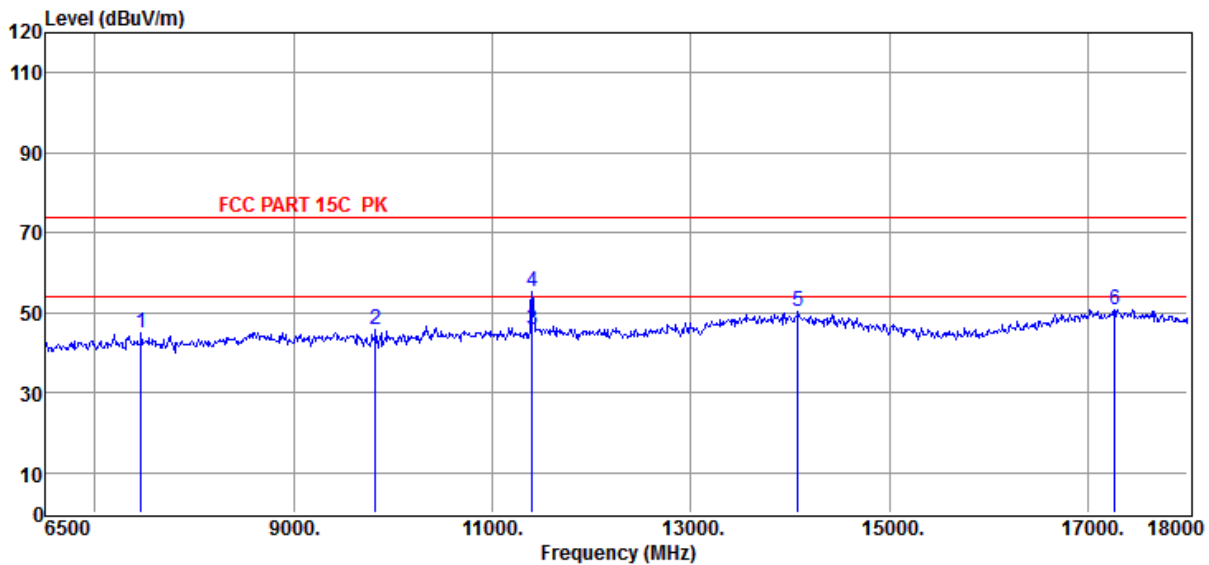
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5700MHz

Data: 221



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7466.00	38.36	37.35	-30.94	44.77	74.00	-29.23	Peak	VERTICAL
2	9823.50	37.87	38.19	-30.11	45.95	74.00	-28.05	Peak	VERTICAL
3	11400.00	35.23	38.70	-28.17	45.76	54.00	-8.24	Average	VERTICAL
4	11400.00	44.84	38.70	-28.17	55.37	74.00	-18.63	Peak	VERTICAL
5	14078.50	37.36	41.29	-28.52	50.13	74.00	-23.87	Peak	VERTICAL
6	17264.00	35.09	42.57	-26.85	50.81	74.00	-23.19	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

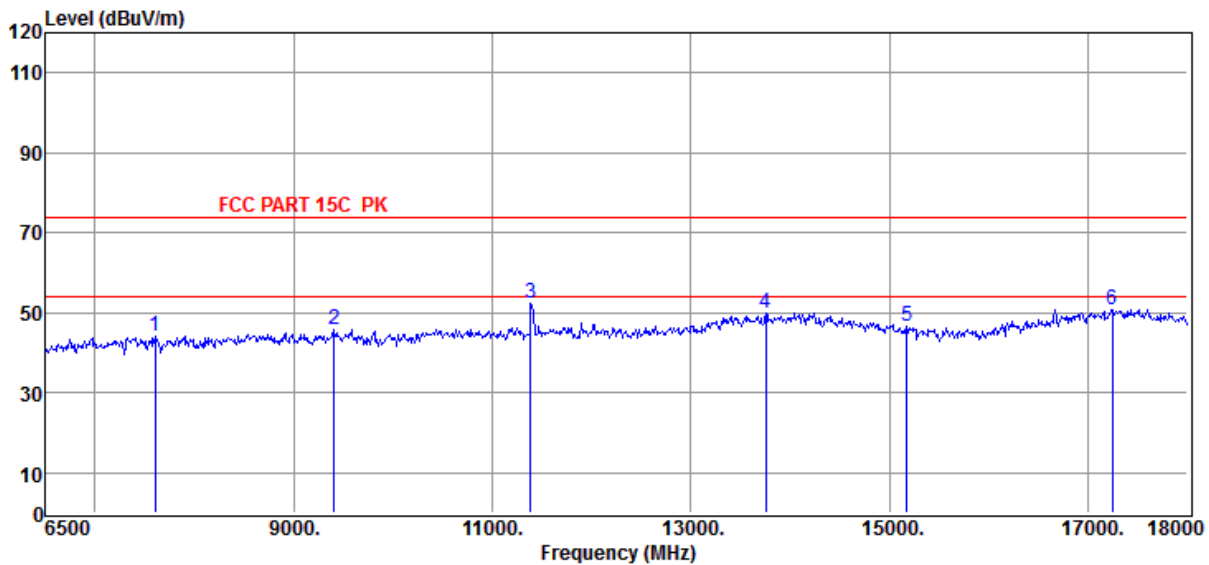
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5700MHz

Data: 222



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7604.00	38.09	37.32	-31.23	44.18	74.00	-29.82	Peak	HORIZONTAL
2	9409.50	37.58	37.95	-29.89	45.64	74.00	-28.36	Peak	HORIZONTAL
3	11387.50	42.01	38.70	-28.26	52.45	74.00	-21.55	Peak	HORIZONTAL
4	13756.50	37.77	40.91	-28.73	49.95	74.00	-24.05	Peak	HORIZONTAL
5	15171.00	34.79	38.73	-27.00	46.52	74.00	-27.48	Peak	HORIZONTAL
6	17241.00	35.27	42.54	-26.92	50.89	74.00	-23.11	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

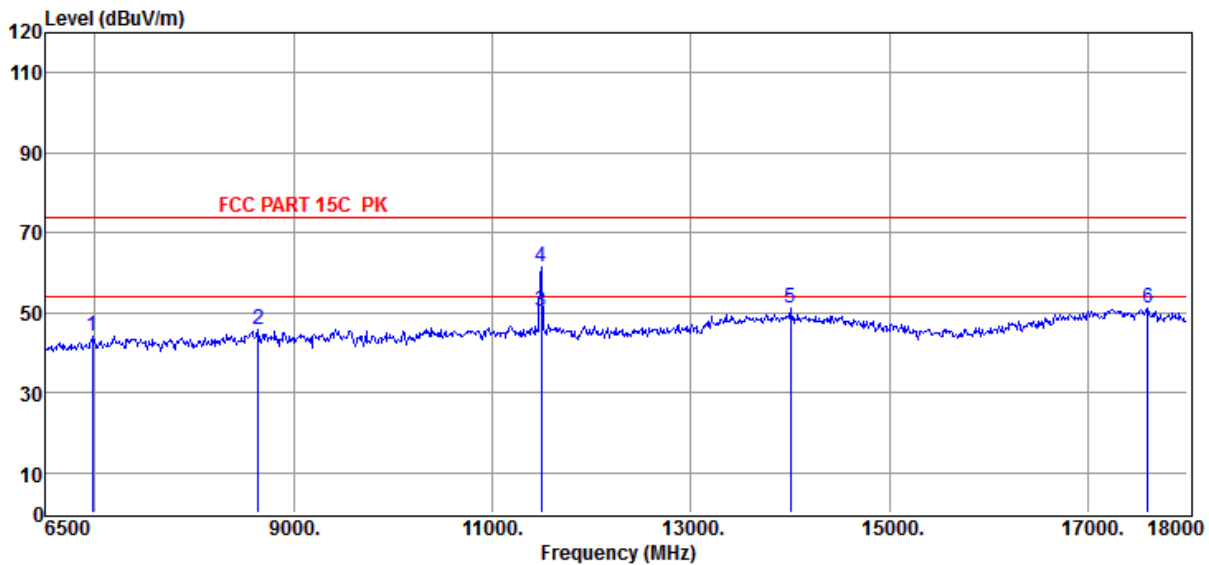
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5745MHz

Data: 223



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	6971.50	38.08	36.55	-30.62	44.01	74.00	-29.99	Peak	VERTICAL
2	8639.00	38.84	37.48	-30.53	45.79	74.00	-28.21	Peak	VERTICAL
3	11490.00	40.58	38.70	-28.77	50.51	54.00	-3.49	Average	VERTICAL
4	11490.00	51.52	38.70	-28.77	61.45	74.00	-12.55	Peak	VERTICAL
5	13998.00	37.80	41.40	-28.23	50.97	74.00	-23.03	Peak	VERTICAL
6	17597.50	35.86	42.76	-27.33	51.29	74.00	-22.71	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

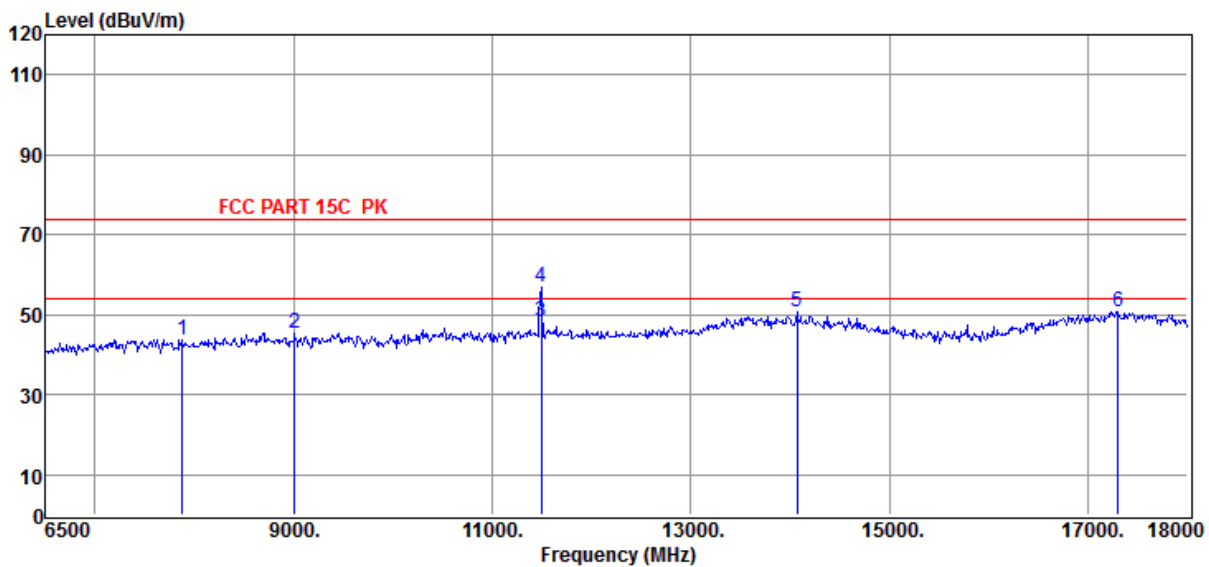
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5745MHZ

Data: 224



Item	Freq.	Read Level	Antenna Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dB/m)	dB	(dBμV/m)	(dBμV/m)	(dB)		
1	7880.00	38.09	37.10	-31.29	43.90	74.00	-30.10	Peak	HORIZONTAL
2	9007.00	38.91	37.70	-31.05	45.56	74.00	-28.44	Peak	HORIZONTAL
3	11490.00	38.38	38.70	-28.77	48.31	54.00	-5.69	Average	HORIZONTAL
4	11490.00	47.13	38.70	-28.77	57.06	74.00	-16.94	Peak	HORIZONTAL
5	14067.00	37.70	41.31	-28.47	50.54	74.00	-23.46	Peak	HORIZONTAL
6	17298.50	34.90	42.62	-26.74	50.78	74.00	-23.22	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

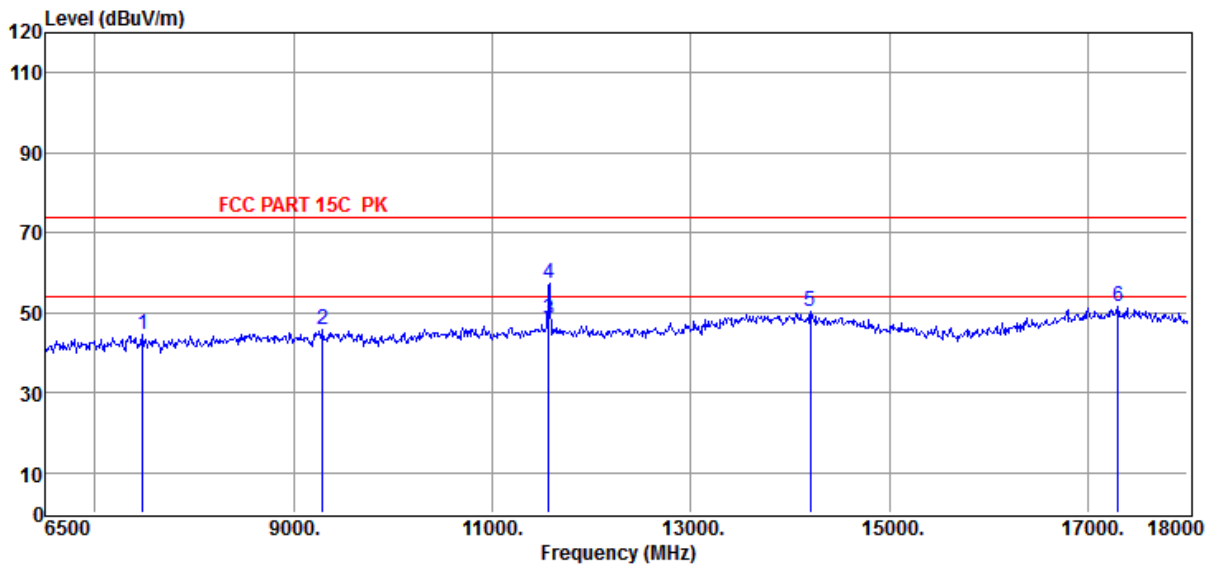
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5785MHz

Data: 225



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7477.50	38.26	37.36	-31.00	44.62	74.00	-29.38	Peak	HORIZONTAL
2	9294.50	38.59	37.88	-30.76	45.71	74.00	-28.29	Peak	HORIZONTAL
3	11570.00	37.94	38.69	-28.37	48.26	54.00	-5.74	Average	HORIZONTAL
4	11570.00	46.97	38.69	-28.37	57.29	74.00	-16.71	Peak	HORIZONTAL
5	14205.00	36.17	41.11	-27.15	50.13	74.00	-23.87	Peak	HORIZONTAL
6	17298.50	35.48	42.62	-26.74	51.36	74.00	-22.64	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

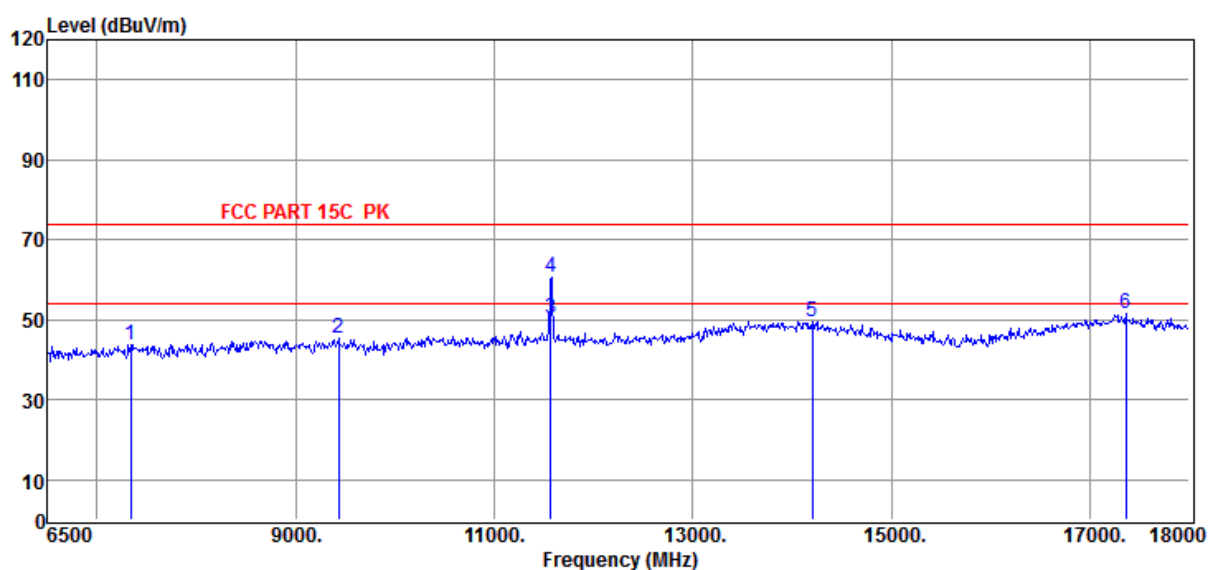
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5785MHz

Data: 226



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7339.50	37.93	37.14	-31.23	43.84	74.00	-30.16	Peak	VERTICAL
2	9432.50	37.42	37.96	-30.06	45.32	74.00	-28.68	Peak	VERTICAL
3	11570.00	39.87	38.69	-28.37	50.19	54.00	-3.81	Average	VERTICAL
4	11570.00	50.13	38.69	-28.37	60.45	74.00	-13.55	Peak	VERTICAL
5	14205.00	35.52	41.11	-27.15	49.48	74.00	-24.52	Peak	VERTICAL
6	17356.00	35.78	42.70	-27.08	51.40	74.00	-22.60	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

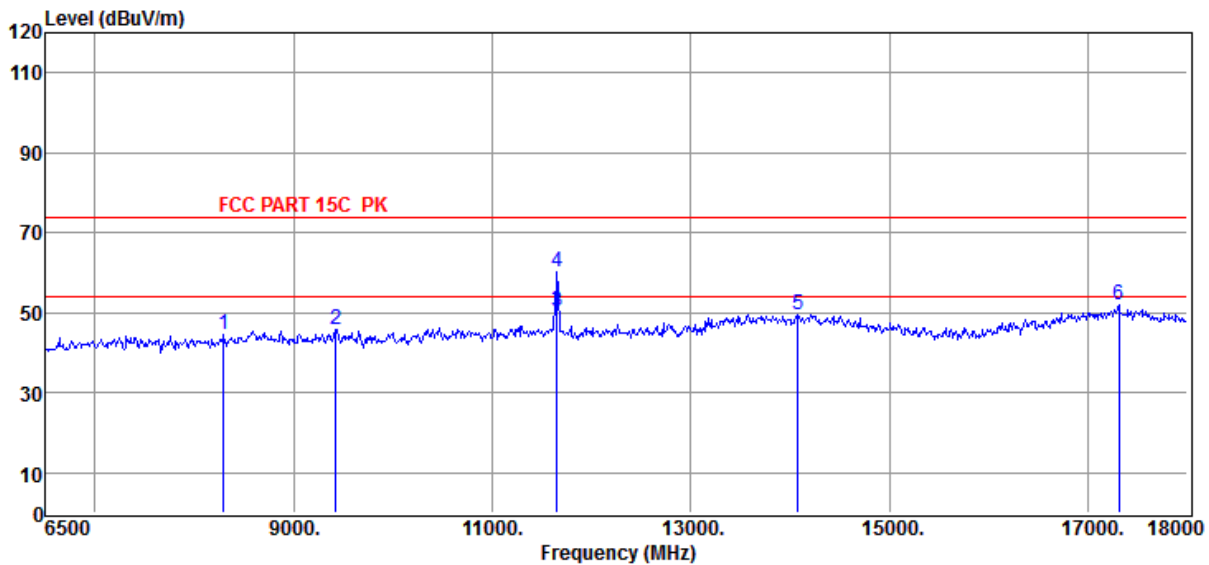
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5825MHz

Data: 227



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8294.00	38.54	37.24	-31.40	44.38	74.00	-29.62	Peak	VERTICAL
2	9421.00	37.79	37.95	-29.98	45.76	74.00	-28.24	Peak	VERTICAL
3	11650.00	40.08	38.67	-28.40	50.35	54.00	-3.65	Average	VERTICAL
4	11650.00	50.13	38.67	-28.40	60.40	74.00	-13.60	Peak	VERTICAL
5	14078.50	36.84	41.29	-28.52	49.61	74.00	-24.39	Peak	VERTICAL
6	17310.00	36.04	42.63	-26.80	51.87	74.00	-22.13	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

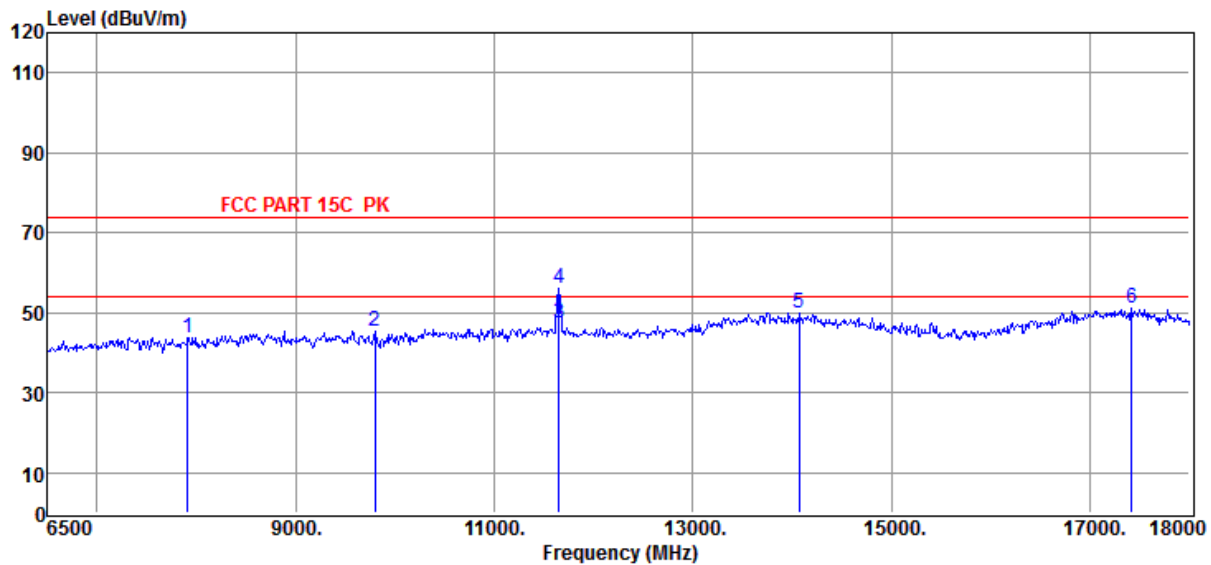
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5825MHz

Data: 228



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7914.50	37.92	37.07	-31.18	43.81	74.00	-30.19	Peak	HORIZONTAL
2	9800.50	37.39	38.18	-30.22	45.35	74.00	-28.65	Peak	HORIZONTAL
3	11650.00	37.26	38.67	-28.40	47.53	54.00	-6.47	Average	HORIZONTAL
4	11650.00	46.01	38.67	-28.40	56.28	74.00	-17.72	Peak	HORIZONTAL
5	14067.00	36.96	41.31	-28.47	49.80	74.00	-24.20	Peak	HORIZONTAL
6	17413.50	35.91	42.78	-27.36	51.33	74.00	-22.67	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-25-2023

Tested By : Sunny

EUT : Wireless Router

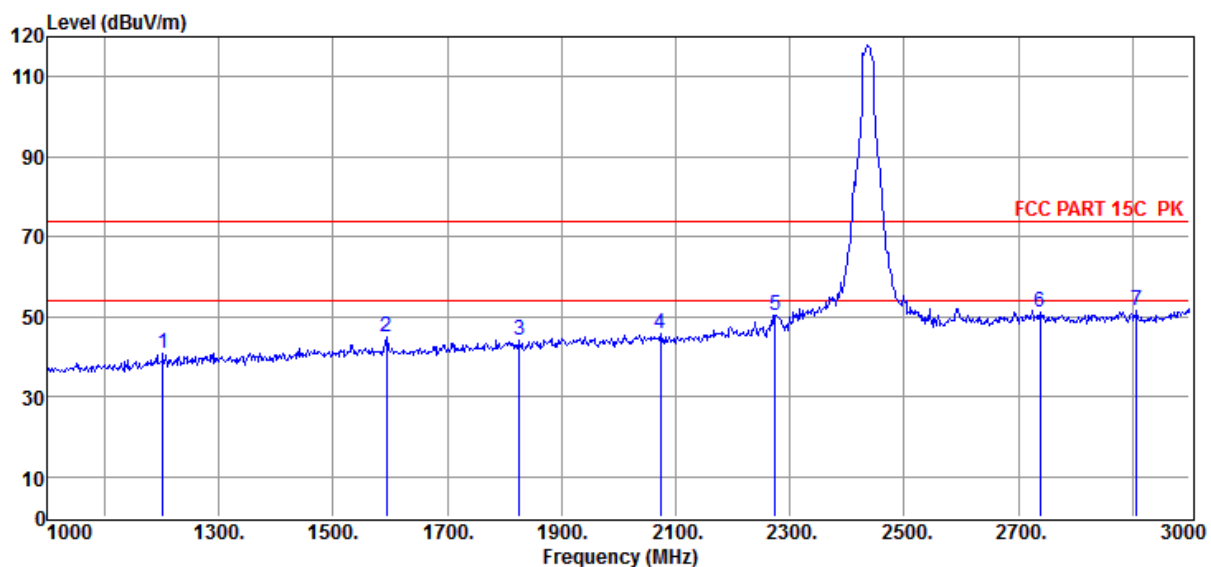
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 Ant1+Ant2 2437MHz+5745MHz

Data: 273



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1202.00	46.19	28.72	-34.01	40.90	74.00	-33.10	Peak	VERTICAL
2	1594.00	47.35	30.98	-33.28	45.05	74.00	-28.95	Peak	VERTICAL
3	1826.00	44.69	31.96	-32.67	43.98	74.00	-30.02	Peak	VERTICAL
4	2074.00	44.85	33.21	-32.37	45.69	74.00	-28.31	Peak	VERTICAL
5	2274.00	48.23	34.06	-31.91	50.38	74.00	-23.62	Peak	VERTICAL
6	2738.00	44.62	37.26	-30.78	51.10	74.00	-22.90	Peak	VERTICAL
7	2908.00	44.66	37.45	-30.52	51.59	74.00	-22.41	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-25-2023

Tested By : Sunny

EUT : Wireless Router

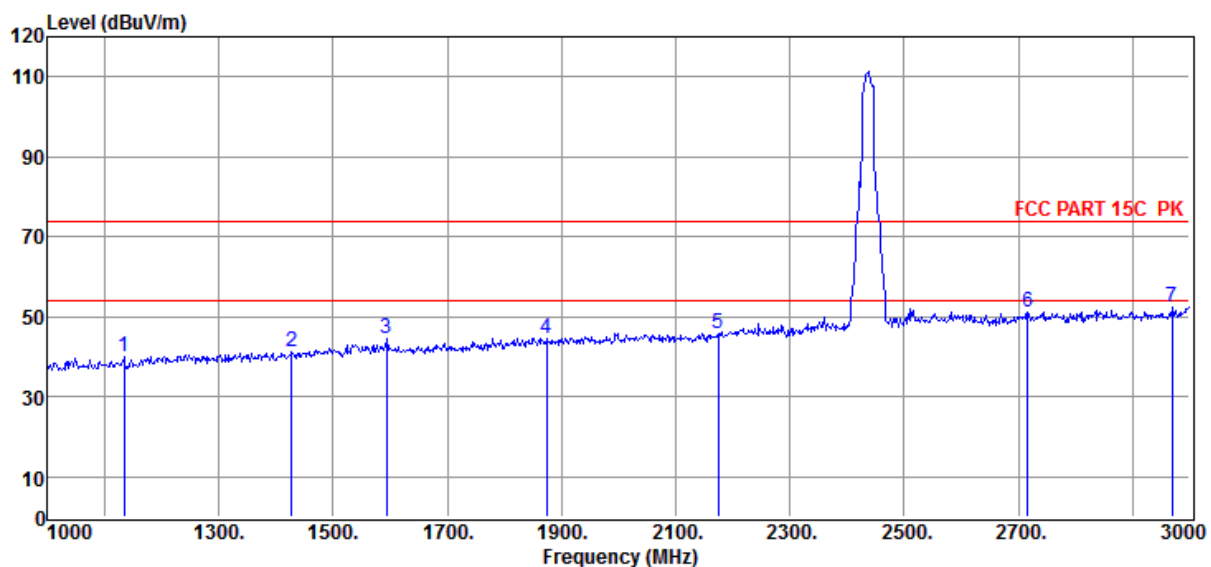
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 Ant1+Ant2 2437MHz+5745MHz

Data: 274



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1134.00	46.59	27.70	-34.16	40.13	74.00	-33.87	Peak	HORIZONTAL
2	1428.00	45.09	29.78	-33.53	41.34	74.00	-32.66	Peak	HORIZONTAL
3	1594.00	46.66	30.98	-33.28	44.36	74.00	-29.64	Peak	HORIZONTAL
4	1874.00	44.80	32.39	-32.60	44.59	74.00	-29.41	Peak	HORIZONTAL
5	2174.00	43.91	33.83	-32.09	45.65	74.00	-28.35	Peak	HORIZONTAL
6	2716.00	44.86	36.99	-30.85	51.00	74.00	-23.00	Peak	HORIZONTAL
7	2970.00	44.93	37.76	-30.41	52.28	74.00	-21.72	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-25-2023

Tested By : Sunny

EUT : Wireless Router

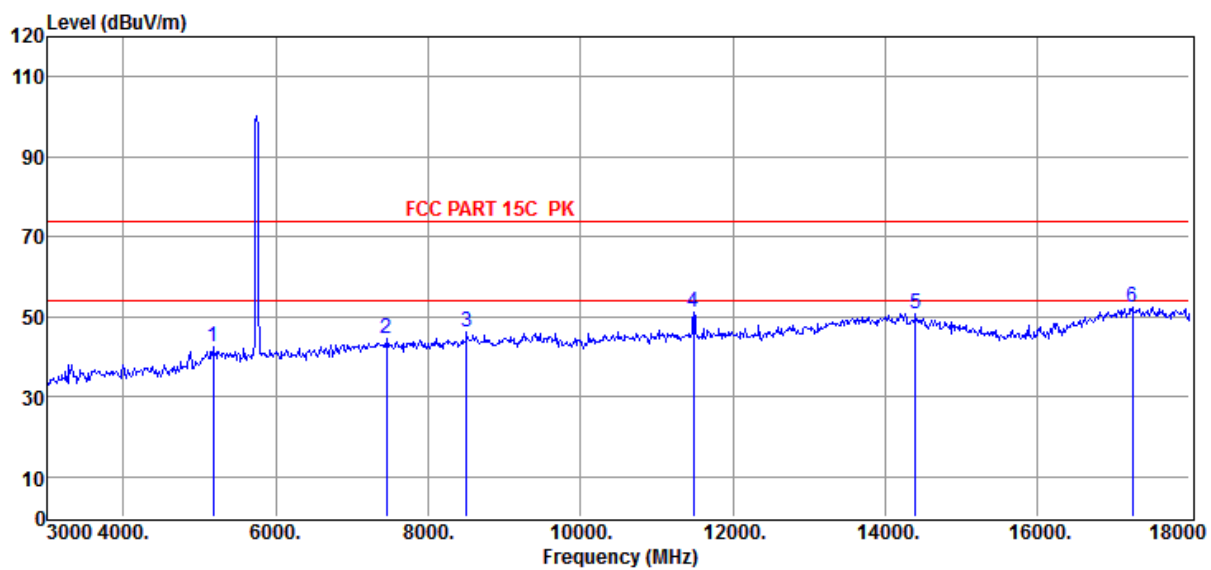
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 Ant1+Ant2 2437MHz+5745MHz

Data: 271



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5175.00	41.04	33.22	-31.71	42.55	74.00	-31.45	Peak	HORIZONTAL
2	7455.00	37.97	37.33	-30.82	44.48	74.00	-29.52	Peak	HORIZONTAL
3	8505.00	39.54	37.40	-30.94	46.00	74.00	-28.00	Peak	HORIZONTAL
4	11490.00	40.98	38.70	-28.61	51.07	74.00	-22.93	Peak	HORIZONTAL
5	14400.00	36.74	40.84	-27.01	50.57	74.00	-23.43	Peak	HORIZONTAL
6	17250.00	36.68	42.55	-26.86	52.37	74.00	-21.63	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-25-2023

Tested By : Sunny

EUT : Wireless Router

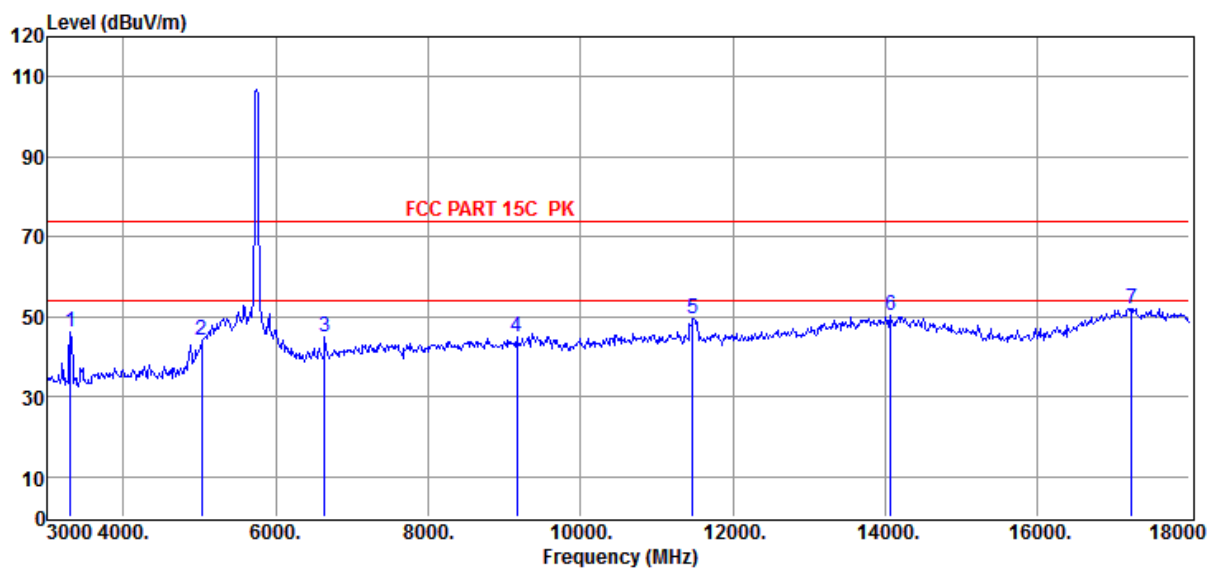
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 Ant1+Ant2 2437MHz+5745MHz

Data: 272



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	3300.00	48.83	29.92	-32.64	46.11	74.00	-27.89	Peak	VERTICAL
2	5025.00	42.65	32.94	-31.66	43.93	74.00	-30.07	Peak	VERTICAL
3	6645.00	39.93	36.03	-31.17	44.79	74.00	-29.21	Peak	VERTICAL
4	9165.00	37.57	37.80	-30.60	44.77	74.00	-29.23	Peak	VERTICAL
5	11475.00	39.29	38.70	-28.62	49.37	74.00	-24.63	Peak	VERTICAL
6	14070.00	37.16	41.30	-28.25	50.21	74.00	-23.79	Peak	VERTICAL
7	17235.00	36.37	42.53	-26.88	52.02	74.00	-21.98	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

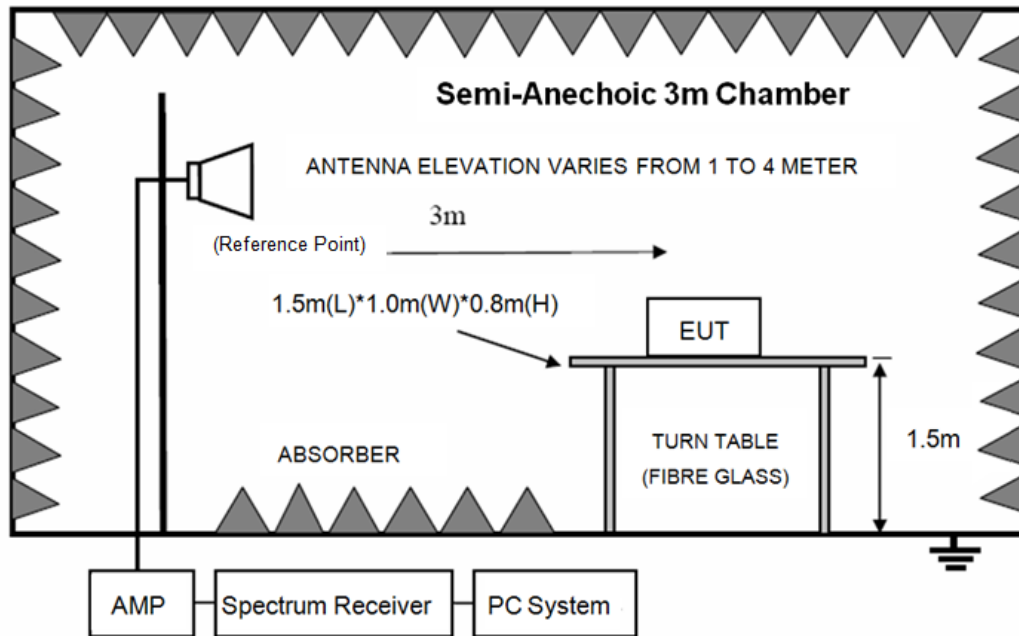
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

10. Band Edge Compliance

10.1. Block diagram of test setup



10.2. Limit

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm / MHz.
 - (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm / MHz.
 - (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/ MHz.
 - (4) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range shall comply with 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges; 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges; 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.
 - (5) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.
 - (6) The provisions of §15.205 apply to intentional radiators operating under this section.
- 27 dBm/MHz Limit= $95.2 + \text{EIRP [dBm]} = 95.2 - 27 = 122.2 \text{ dB}\mu\text{V/m}$

16.5 dBm/MHz Limit=95.2+EIRP [dBm]=95.2-27=110.8 dBμV/m

10 dBm/MHz Limit=95.2+EIRP [dBm]=95.2-27=105.2 dBμV/m

-27 dBm/MHz Limit=95.2+EIRP [dBm]=95.2-27=68.2 dBμV/m

10.3. Test procedure

Same with clause 9.3 except change investigated frequency range.

Remark: All restriction band have been tested, and only the worst case is shown in report.

10.4. Test result

Pass. (See below detailed test result)

Note1: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

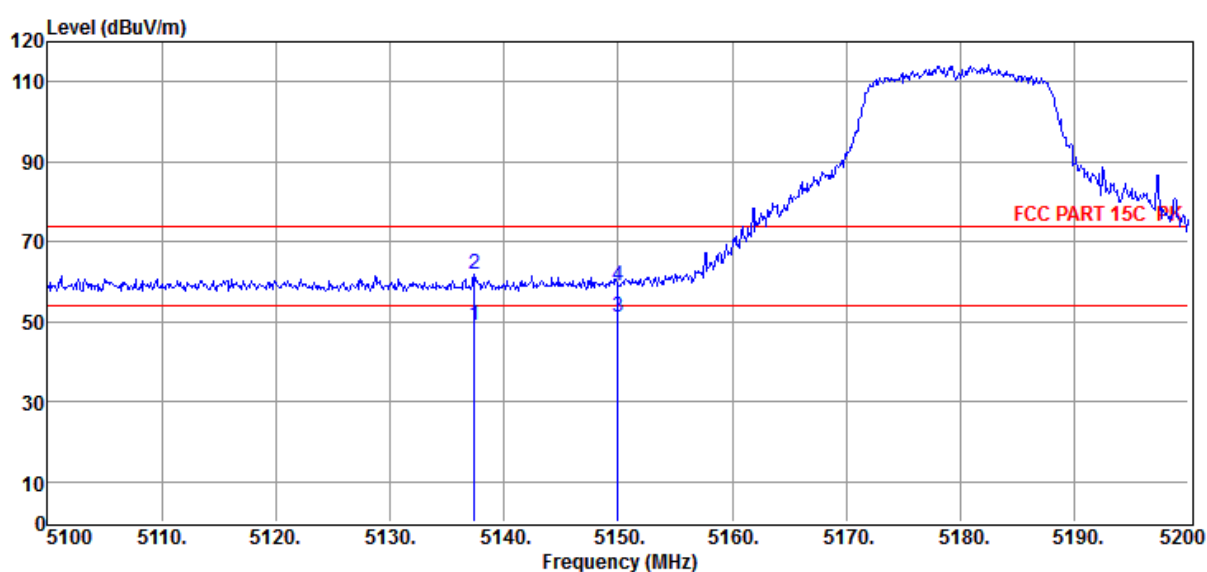
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5180MHz

Data: 117



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5137.40	11.47	33.15	4.49	49.11	54.00	-4.89	Average	VERTICAL
2	5137.40	24.24	33.15	4.49	61.88	74.00	-12.12	Peak	VERTICAL
3	5150.00	13.31	33.17	4.49	50.97	54.00	-3.03	Average	VERTICAL
4	5150.00	21.37	33.17	4.49	59.03	74.00	-14.97	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

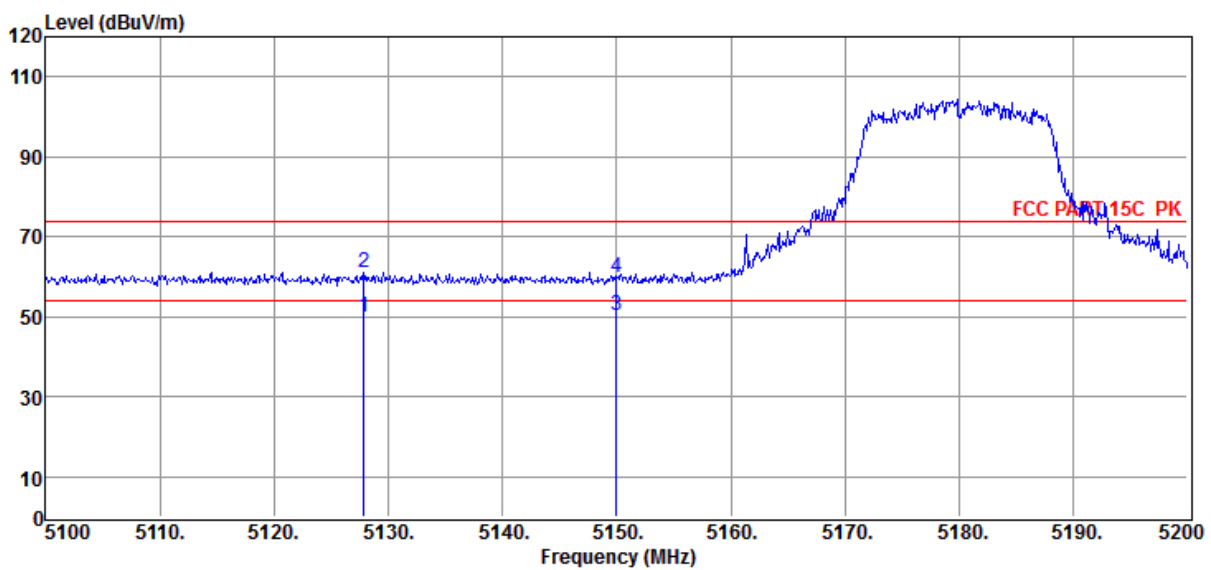
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5180MHz

Data: 118



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5127.90	12.26	33.13	4.50	49.89	54.00	-4.11	Average	HORIZONTAL
2	5127.90	23.42	33.13	4.50	61.05	74.00	-12.95	Peak	HORIZONTAL
3	5150.00	12.80	33.17	4.49	50.46	54.00	-3.54	Average	HORIZONTAL
4	5150.00	22.29	33.17	4.49	59.95	74.00	-14.05	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

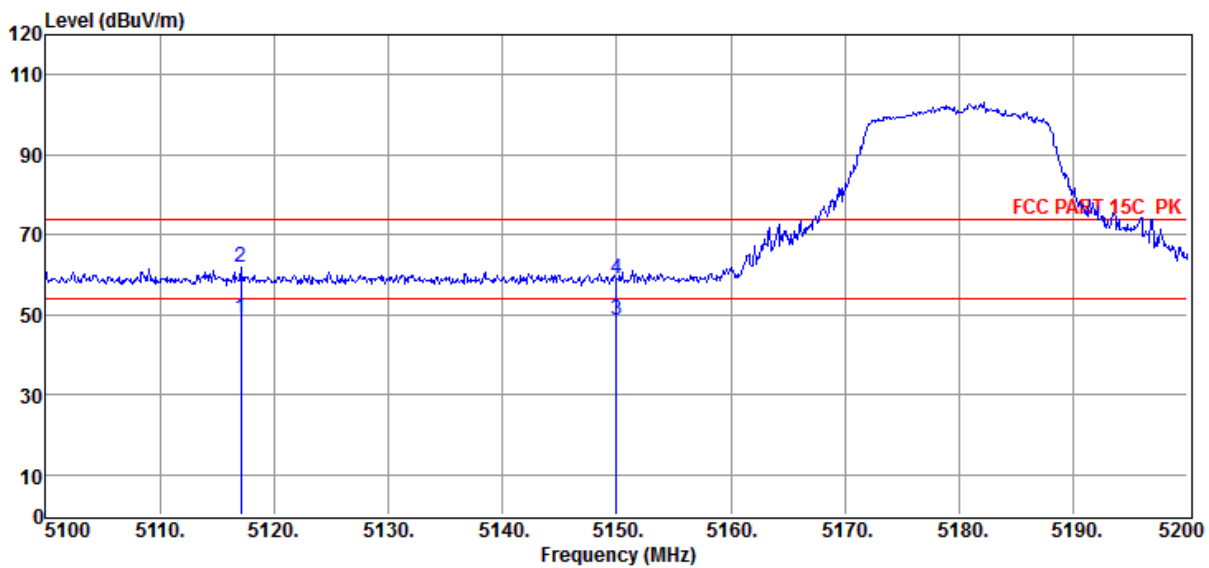
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5180MHz

Data: 119



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5117.10	11.27	33.11	4.50	48.88	54.00	-5.12	Average	HORIZONTAL
2	5117.10	24.31	33.11	4.50	61.92	74.00	-12.08	Peak	HORIZONTAL
3	5150.00	10.94	33.17	4.49	48.60	54.00	-5.40	Average	HORIZONTAL
4	5150.00	21.32	33.17	4.49	58.98	74.00	-15.02	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

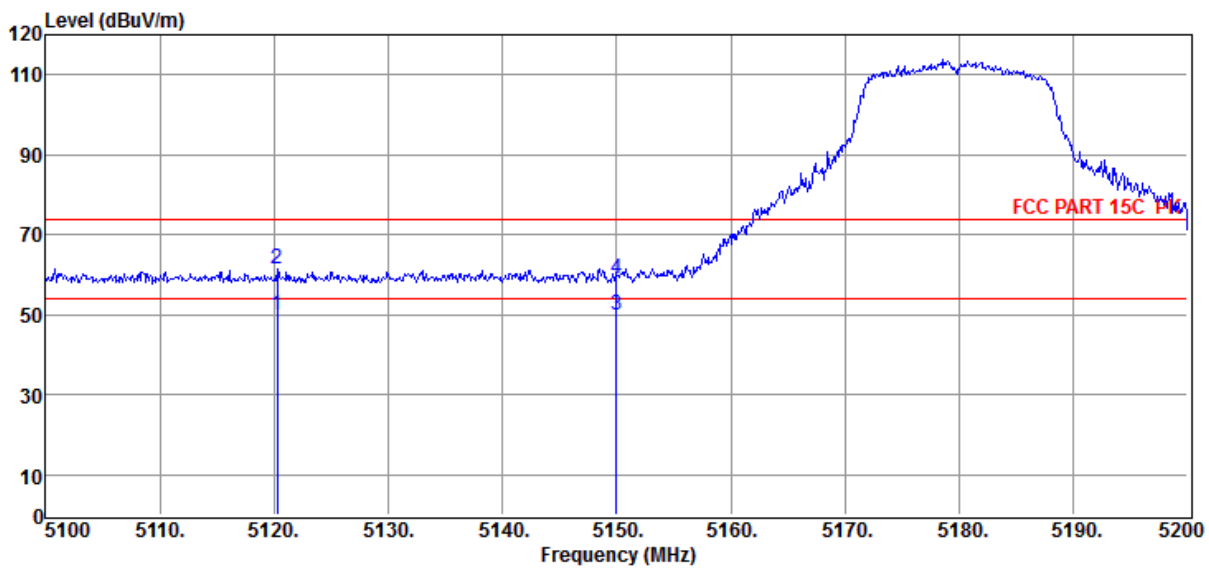
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5180MHz

Data: 120



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5120.30	12.12	33.12	4.50	49.74	54.00	-4.26	Average	VERTICAL
2	5120.30	23.69	33.12	4.50	61.31	74.00	-12.69	Peak	VERTICAL
3	5150.00	12.11	33.17	4.49	49.77	54.00	-4.23	Average	VERTICAL
4	5150.00	21.40	33.17	4.49	59.06	74.00	-14.94	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

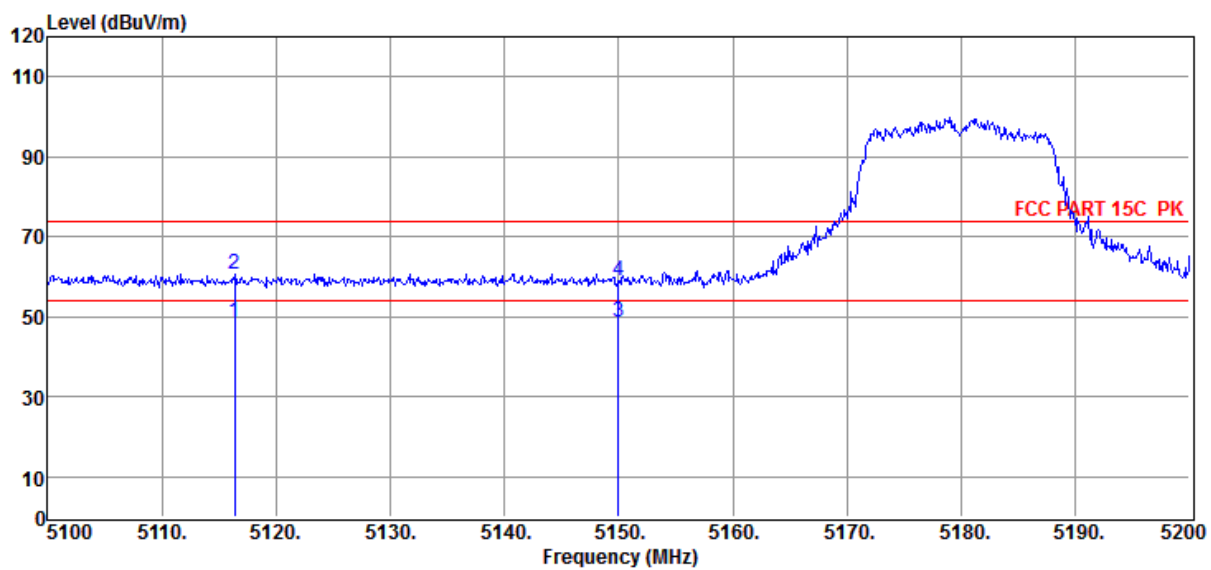
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5180MHz

Data: 121



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5116.40	10.85	33.11	4.50	48.46	54.00	-5.54	Average	HORIZONTAL
2	5116.40	23.09	33.11	4.50	60.70	74.00	-13.30	Peak	HORIZONTAL
3	5150.00	10.99	33.17	4.49	48.65	54.00	-5.35	Average	HORIZONTAL
4	5150.00	21.27	33.17	4.49	58.93	74.00	-15.07	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

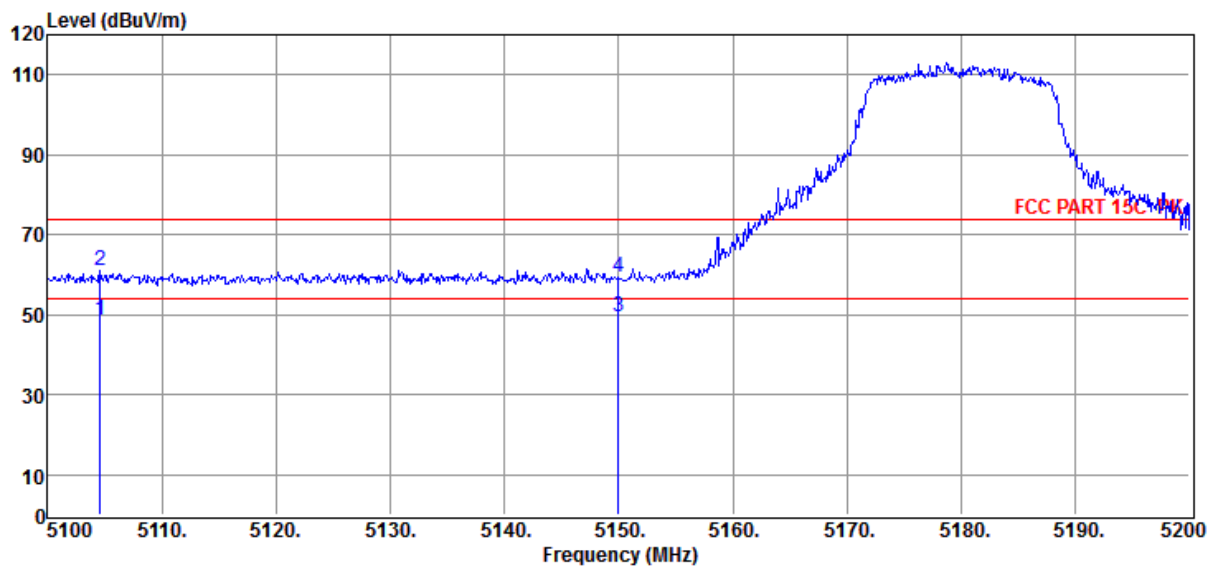
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5180MHz

Data: 122



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5104.60	11.26	33.09	4.50	48.85	54.00	-5.15	Average	VERTICAL
2	5104.60	23.61	33.09	4.50	61.20	74.00	-12.80	Peak	VERTICAL
3	5150.00	11.69	33.17	4.49	49.35	54.00	-4.65	Average	VERTICAL
4	5150.00	21.82	33.17	4.49	59.48	74.00	-14.52	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

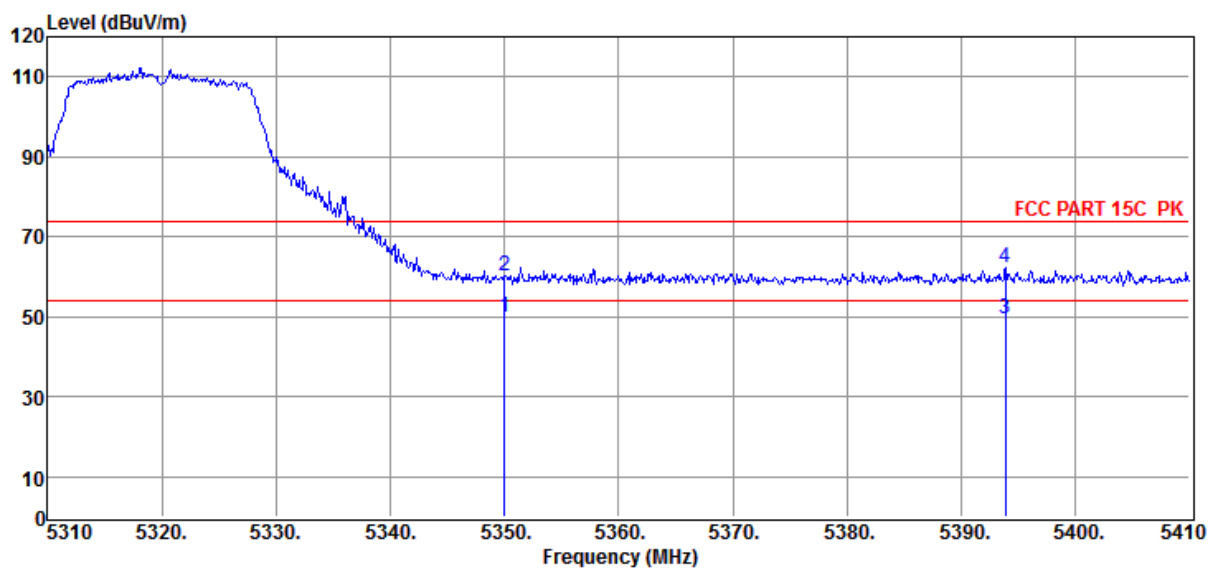
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5320MHz

Data: 123



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.73	33.53	4.58	49.84	54.00	-4.16	Average	VERTICAL
2	5350.00	21.98	33.53	4.58	60.09	74.00	-13.91	Peak	VERTICAL
3	5393.90	11.15	33.61	4.62	49.38	54.00	-4.62	Average	VERTICAL
4	5393.90	24.04	33.61	4.62	62.27	74.00	-11.73	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

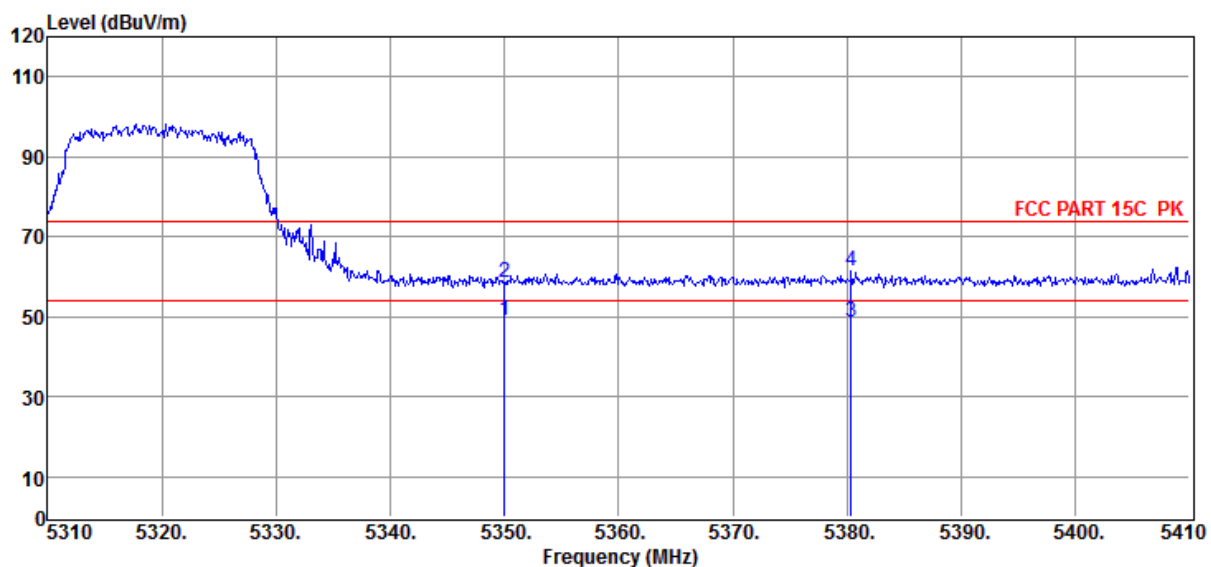
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5320MHz

Data: 124



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	10.90	33.53	4.58	49.01	54.00	-4.99	Average	HORIZONTAL
2	5350.00	20.50	33.53	4.58	58.61	74.00	-15.39	Peak	HORIZONTAL
3	5380.40	10.65	33.58	4.61	48.84	54.00	-5.16	Average	HORIZONTAL
4	5380.40	23.11	33.58	4.61	61.30	74.00	-12.70	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

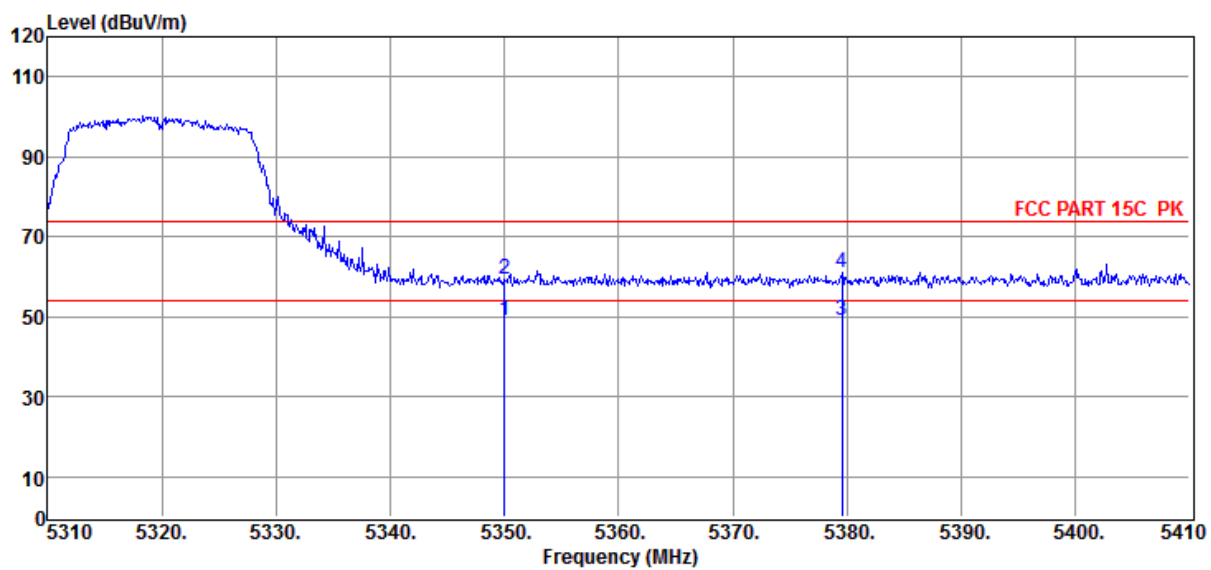
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5320MHz

Data: 125



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	10.86	33.53	4.58	48.97	54.00	-5.03	Average	HORIZONTAL
2	5350.00	21.35	33.53	4.58	59.46	74.00	-14.54	Peak	HORIZONTAL
3	5379.60	10.79	33.58	4.60	48.97	54.00	-5.03	Average	HORIZONTAL
4	5379.60	23.04	33.58	4.60	61.22	74.00	-12.78	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

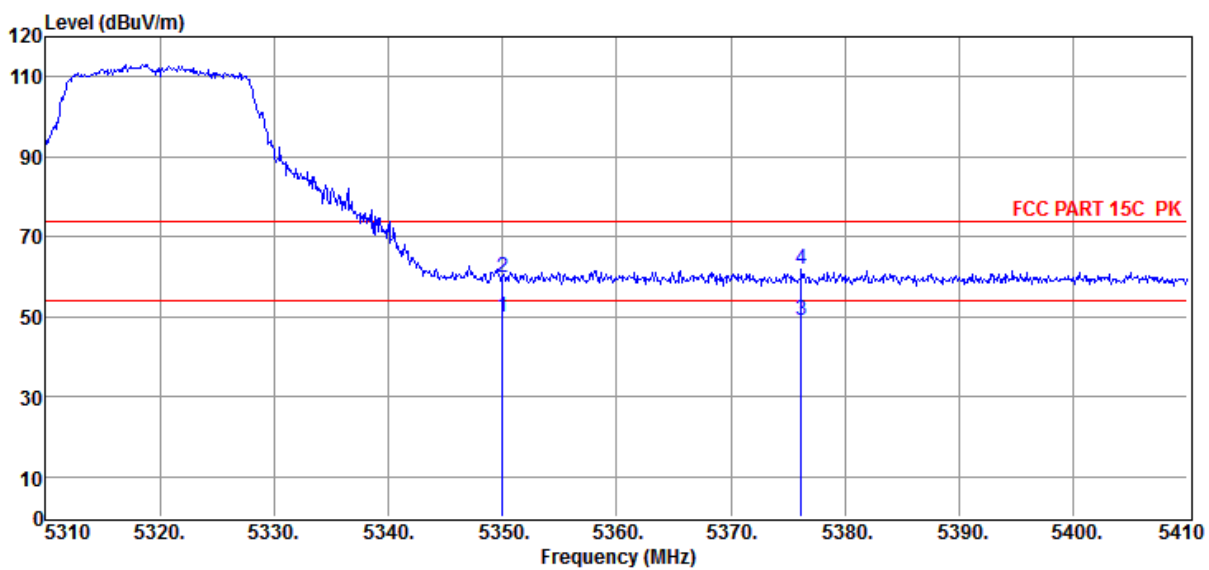
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5320MHz

Data: 126



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.85	33.53	4.58	49.96	54.00	-4.04	Average	VERTICAL
2	5350.00	21.49	33.53	4.58	59.60	74.00	-14.40	Peak	VERTICAL
3	5376.20	11.04	33.58	4.60	49.22	54.00	-4.78	Average	VERTICAL
4	5376.20	23.78	33.58	4.60	61.96	74.00	-12.04	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

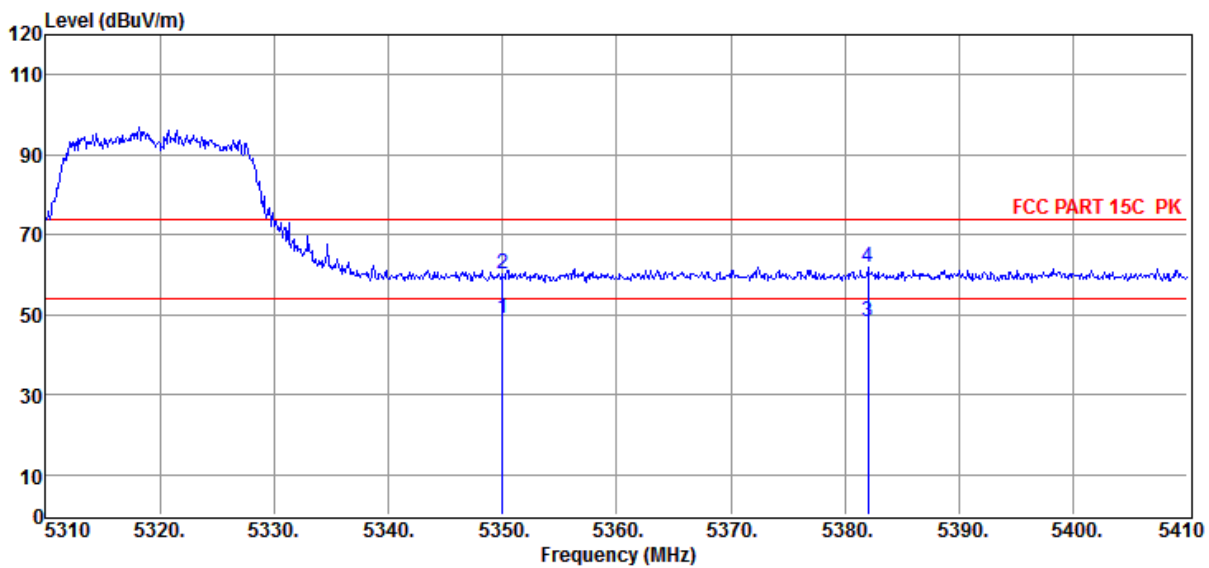
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5320MHz

Data: 127



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.04	33.53	4.58	49.15	54.00	-4.85	Average	HORIZONTAL
2	5350.00	22.16	33.53	4.58	60.27	74.00	-13.73	Peak	HORIZONTAL
3	5382.00	10.22	33.59	4.61	48.42	54.00	-5.58	Average	HORIZONTAL
4	5382.00	23.49	33.59	4.61	61.69	74.00	-12.31	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

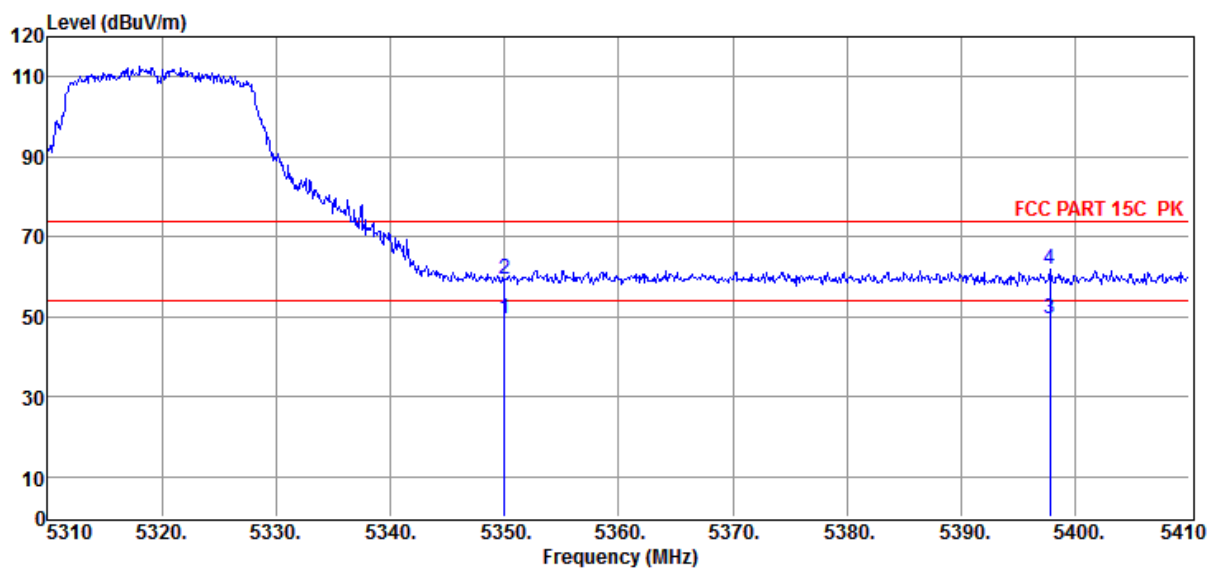
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5320MHz

Data: 128



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.54	33.53	4.58	49.65	54.00	-4.35	Average	VERTICAL
2	5350.00	21.19	33.53	4.58	59.30	74.00	-14.70	Peak	VERTICAL
3	5397.80	11.16	33.62	4.62	49.40	54.00	-4.60	Average	VERTICAL
4	5397.80	23.79	33.62	4.62	62.03	74.00	-11.97	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

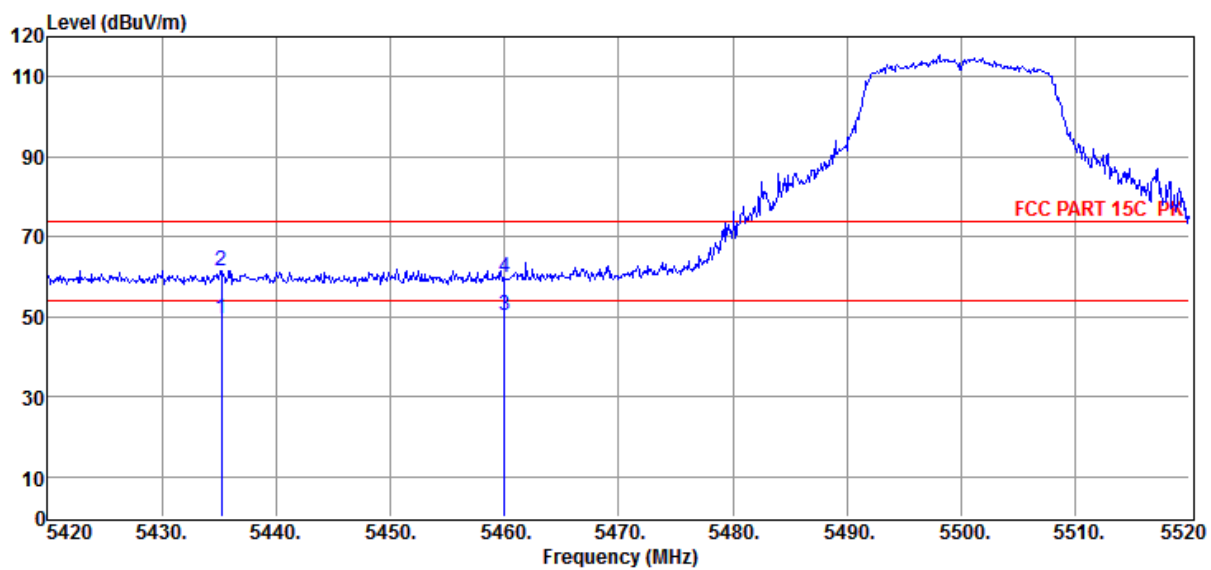
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5500MHz

Data: 129



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5435.20	11.35	33.68	4.66	49.69	54.00	-4.31	Average	VERTICAL
2	5435.20	23.20	33.68	4.66	61.54	74.00	-12.46	Peak	VERTICAL
3	5460.00	11.82	33.73	4.68	50.23	54.00	-3.77	Average	VERTICAL
4	5460.00	21.35	33.73	4.68	59.76	74.00	-14.24	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

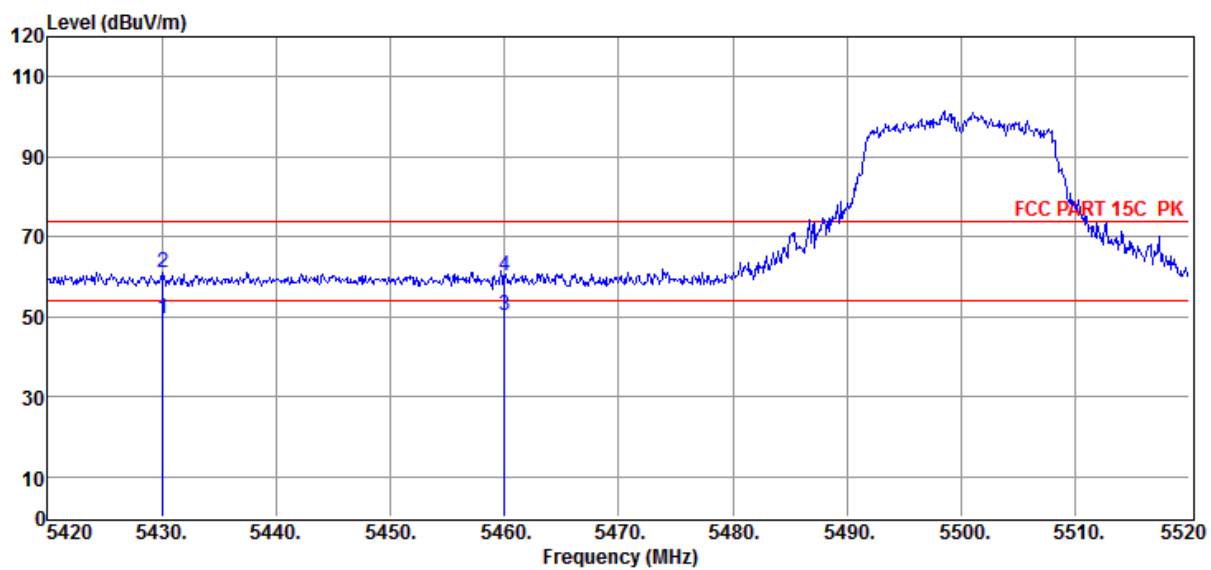
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5500MHz

Data: 130



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5430.10	11.32	33.67	4.65	49.64	54.00	-4.36	Average	HORIZONTAL
2	5430.10	22.84	33.67	4.65	61.16	74.00	-12.84	Peak	HORIZONTAL
3	5460.00	11.76	33.73	4.68	50.17	54.00	-3.83	Average	HORIZONTAL
4	5460.00	21.61	33.73	4.68	60.02	74.00	-13.98	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

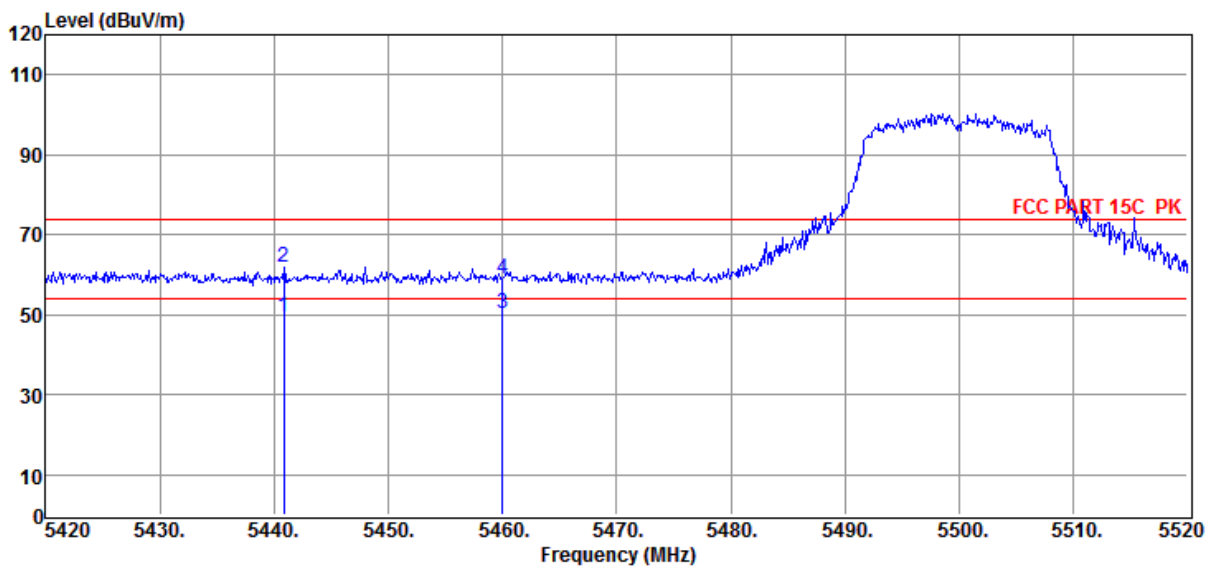
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5500MHz

Data: 131



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5440.90	11.33	33.69	4.66	49.68	54.00	-4.32	Average	HORIZONTAL
2	5440.90	23.31	33.69	4.66	61.66	74.00	-12.34	Peak	HORIZONTAL
3	5460.00	12.05	33.73	4.68	50.46	54.00	-3.54	Average	HORIZONTAL
4	5460.00	20.57	33.73	4.68	58.98	74.00	-15.02	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

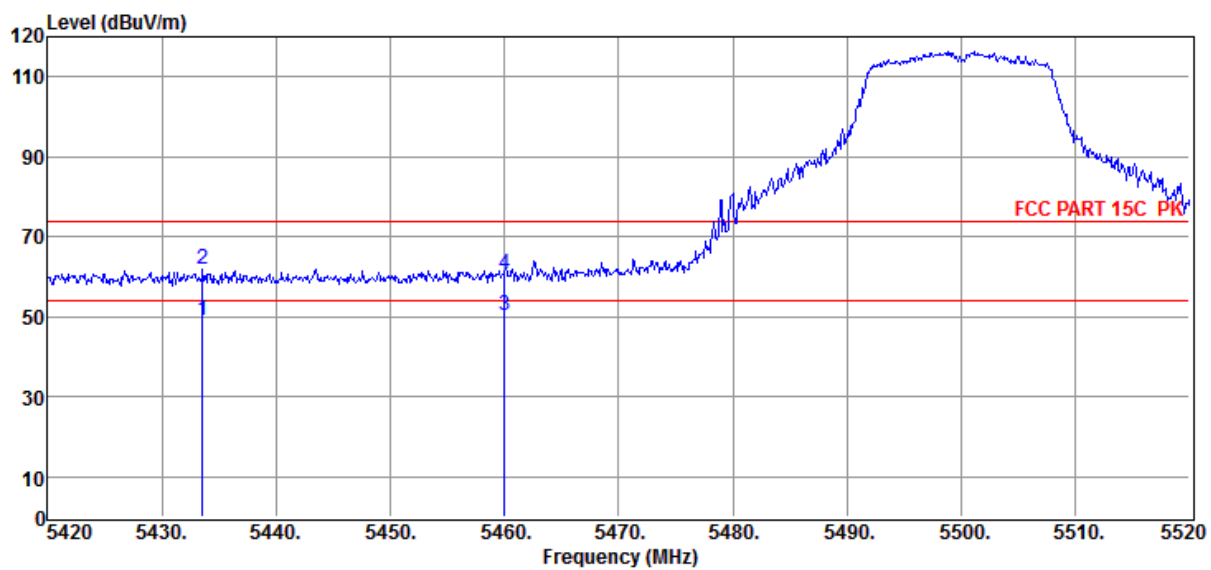
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5500MHz

Data: 132



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5433.60	10.93	33.68	4.66	49.27	54.00	-4.73	Average	VERTICAL
2	5433.60	23.31	33.68	4.66	61.65	74.00	-12.35	Peak	VERTICAL
3	5460.00	11.86	33.73	4.68	50.27	54.00	-3.73	Average	VERTICAL
4	5460.00	22.16	33.73	4.68	60.57	74.00	-13.43	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

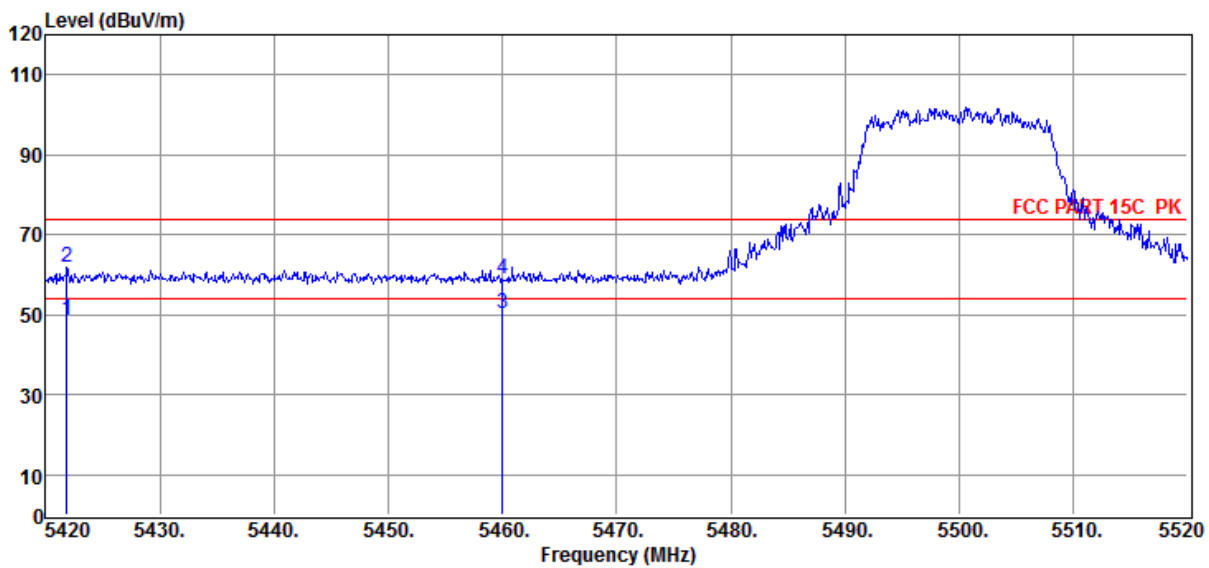
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5500MHz

Data: 133



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5421.90	10.46	33.66	4.64	48.76	54.00	-5.24	Average	HORIZONTAL
2	5421.90	23.37	33.66	4.64	61.67	74.00	-12.33	Peak	HORIZONTAL
3	5460.00	11.87	33.73	4.68	50.28	54.00	-3.72	Average	HORIZONTAL
4	5460.00	20.57	33.73	4.68	58.98	74.00	-15.02	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

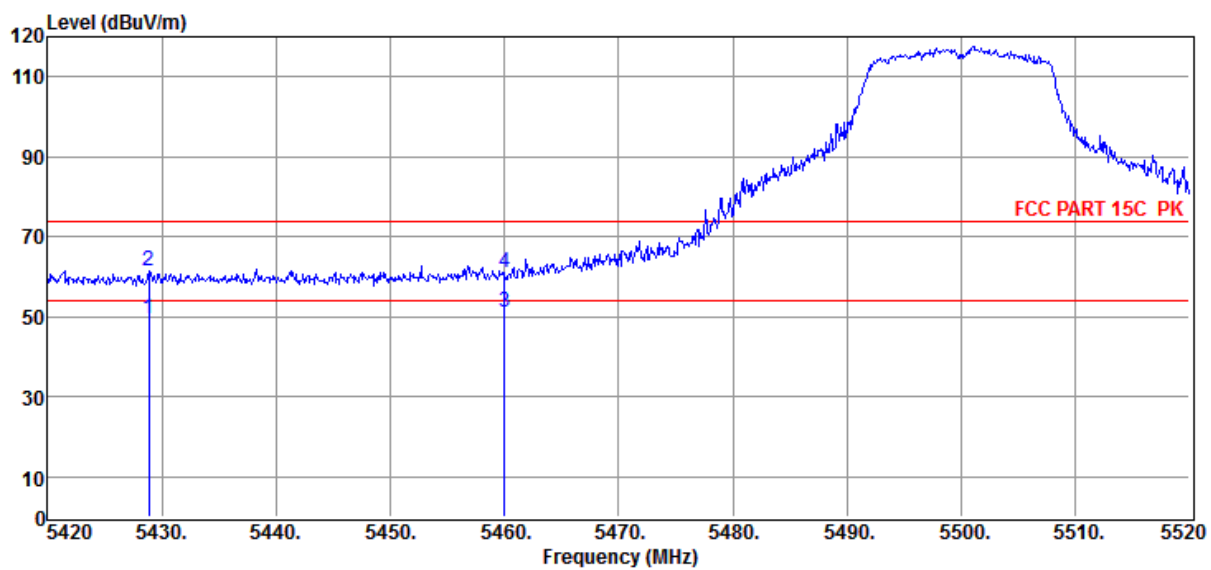
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5500MHz

Data: 134



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5428.90	11.27	33.67	4.65	49.59	54.00	-4.41	Average	VERTICAL
2	5428.90	23.12	33.67	4.65	61.44	74.00	-12.56	Peak	VERTICAL
3	5460.00	12.62	33.73	4.68	51.03	54.00	-2.97	Average	VERTICAL
4	5460.00	22.51	33.73	4.68	60.92	74.00	-13.08	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

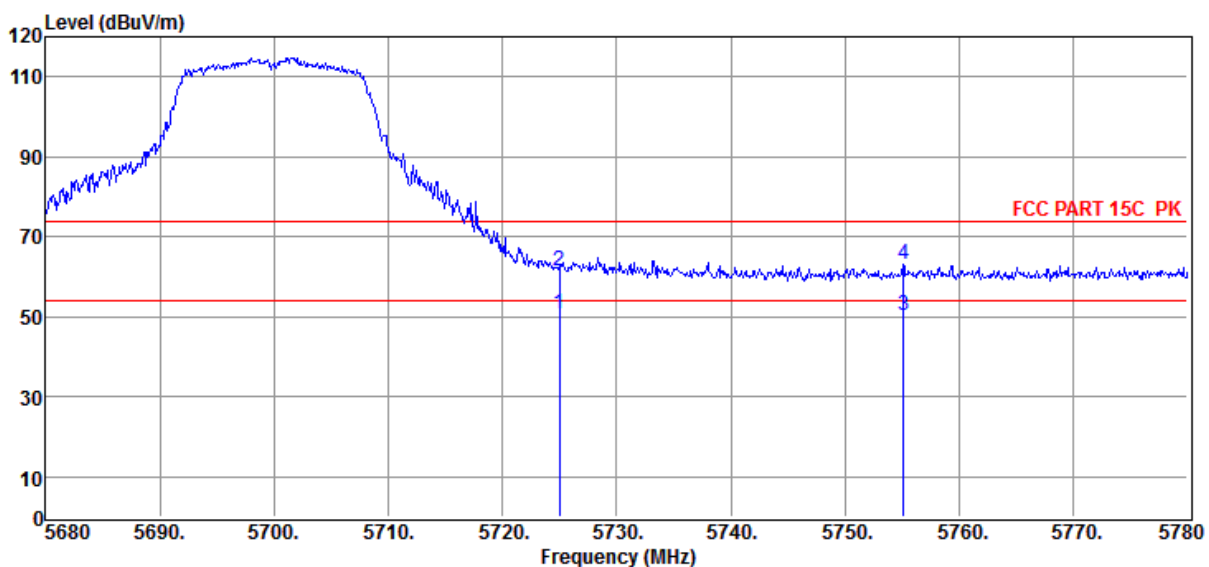
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5700MHz

Data: 135



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.46	34.47	4.79	50.72	54.00	-3.28	Average	VERTICAL
2	5725.00	22.13	34.47	4.79	61.39	74.00	-12.61	Peak	VERTICAL
3	5755.10	10.86	34.57	4.78	50.21	54.00	-3.79	Average	VERTICAL
4	5755.10	23.76	34.57	4.78	63.11	74.00	-10.89	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

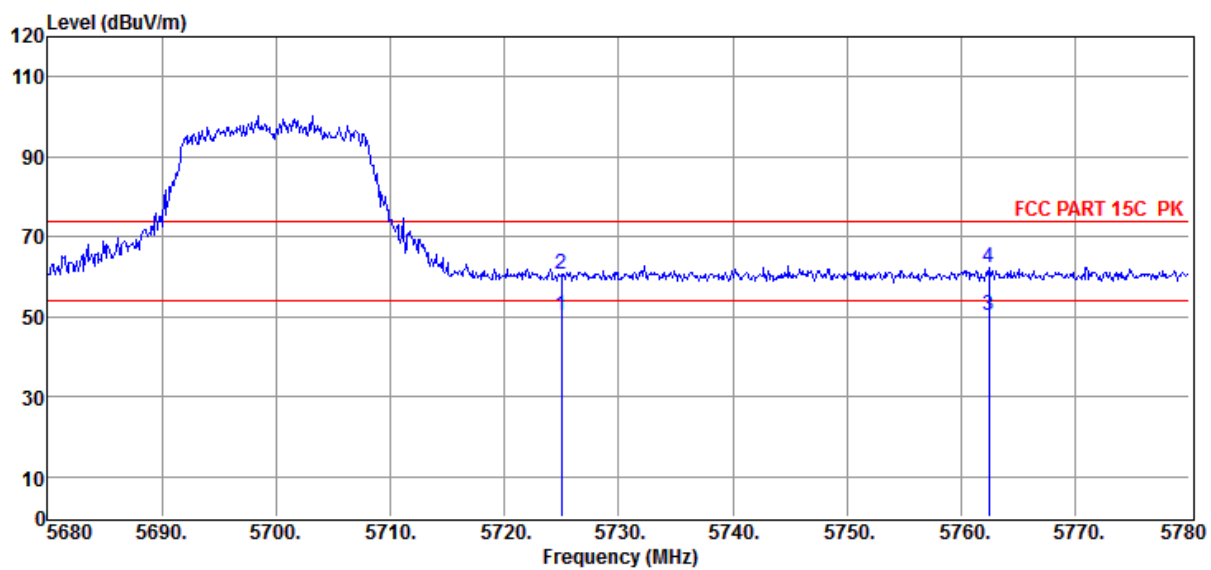
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT1 5700MHz

Data: 136



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.15	34.47	4.79	50.41	54.00	-3.59	Average	HORIZONTAL
2	5725.00	21.48	34.47	4.79	60.74	74.00	-13.26	Peak	HORIZONTAL
3	5762.40	10.74	34.59	4.78	50.11	54.00	-3.89	Average	HORIZONTAL
4	5762.40	22.83	34.59	4.78	62.20	74.00	-11.80	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

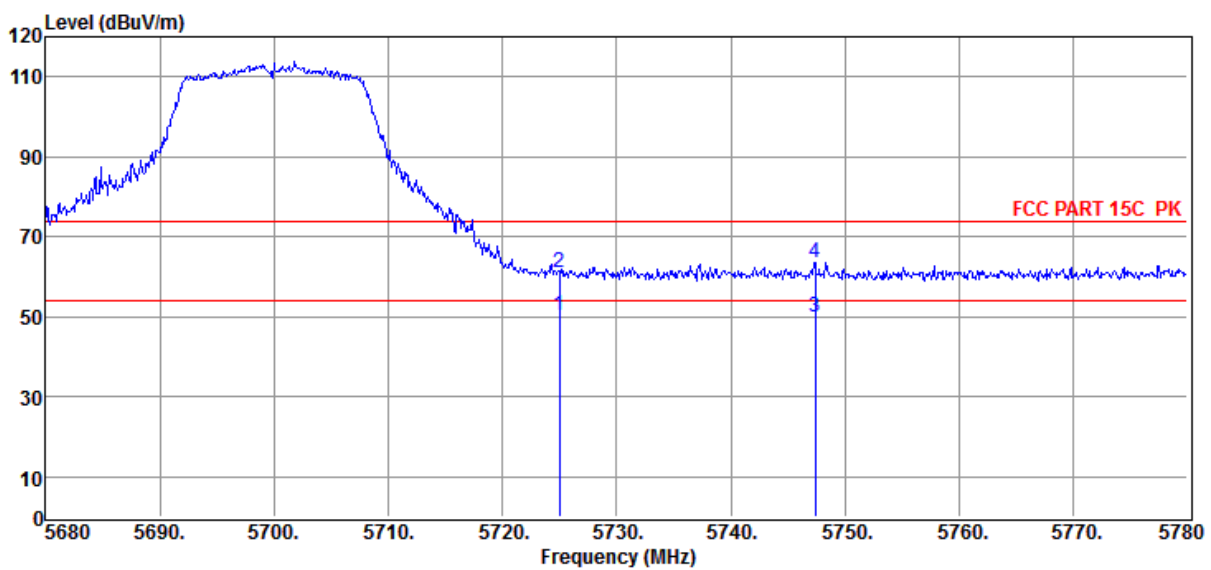
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5700MHz

Data: 137



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.07	34.47	4.79	50.33	54.00	-3.67	Average	VERTICAL
2	5725.00	21.64	34.47	4.79	60.90	74.00	-13.10	Peak	VERTICAL
3	5747.40	10.63	34.54	4.79	49.96	54.00	-4.04	Average	VERTICAL
4	5747.40	24.38	34.54	4.79	63.71	74.00	-10.29	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

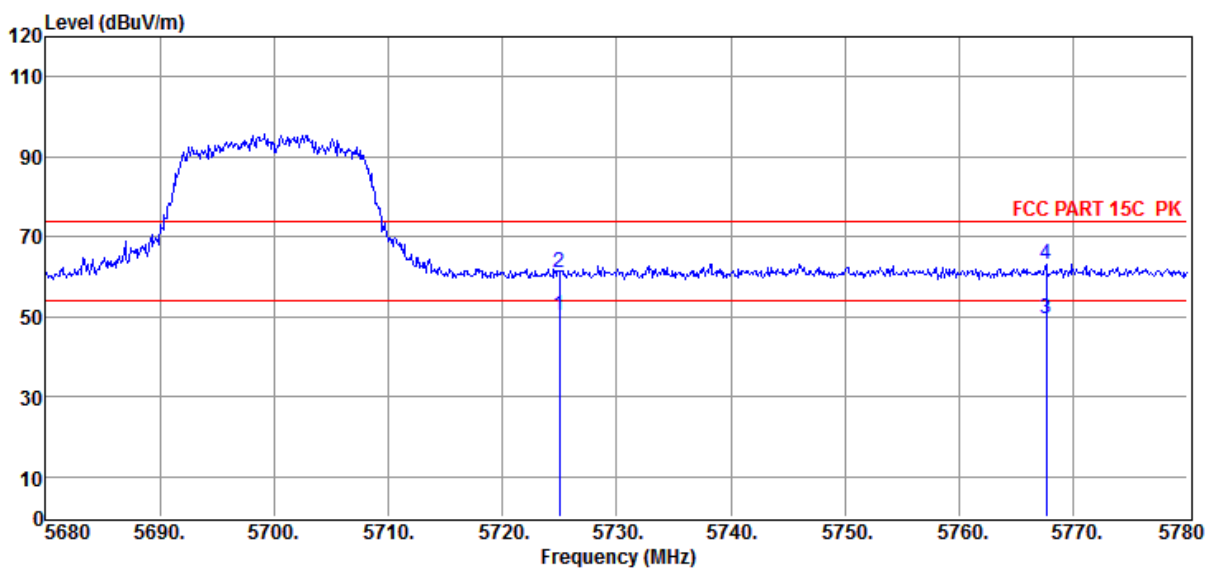
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT2 5700MHz

Data: 138



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	10.87	34.47	4.79	50.13	54.00	-3.87	Average	HORIZONTAL
2	5725.00	21.88	34.47	4.79	61.14	74.00	-12.86	Peak	HORIZONTAL
3	5767.60	10.24	34.60	4.78	49.62	54.00	-4.38	Average	HORIZONTAL
4	5767.60	23.67	34.60	4.78	63.05	74.00	-10.95	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

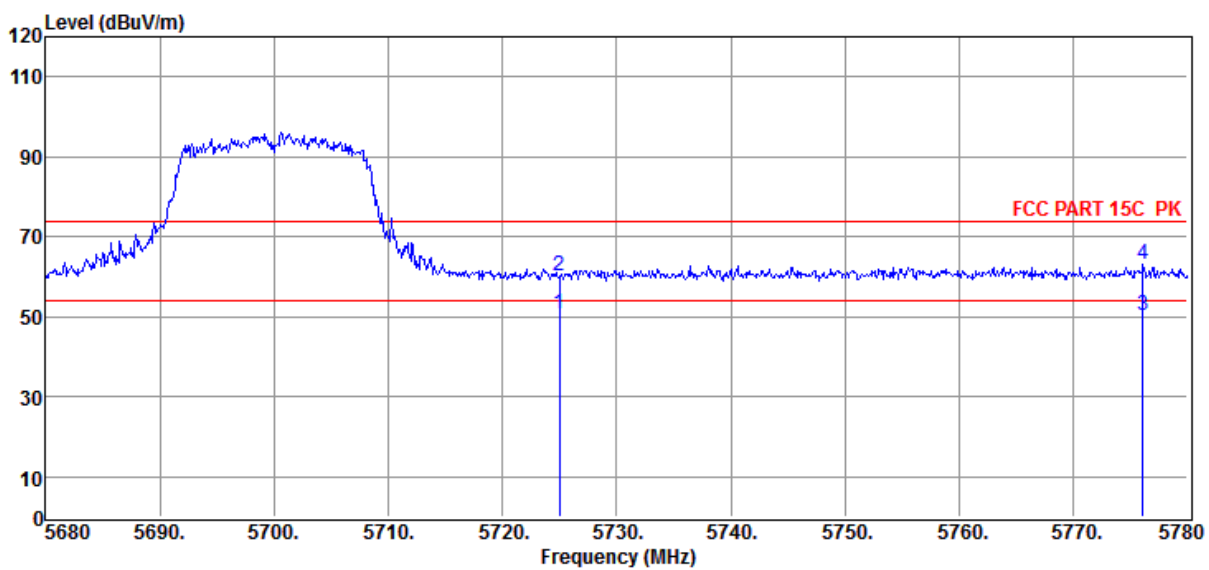
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5700MHz

Data: 139



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.26	34.47	4.79	50.52	54.00	-3.48	Average	HORIZONTAL
2	5725.00	20.82	34.47	4.79	60.08	74.00	-13.92	Peak	HORIZONTAL
3	5776.10	10.93	34.63	4.78	50.34	54.00	-3.66	Average	HORIZONTAL
4	5776.10	23.82	34.63	4.78	63.23	74.00	-10.77	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

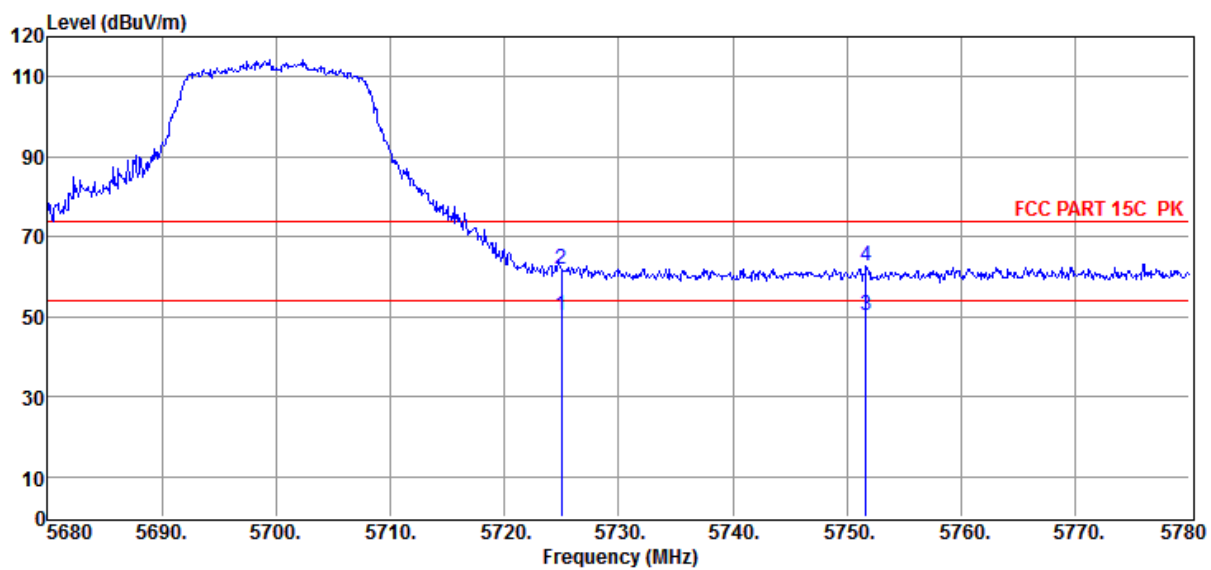
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11A 6M ANT3 5700MHz

Data: 140



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.17	34.47	4.79	50.43	54.00	-3.57	Average	VERTICAL
2	5725.00	22.55	34.47	4.79	61.81	74.00	-12.19	Peak	VERTICAL
3	5751.70	10.88	34.56	4.78	50.22	54.00	-3.78	Average	VERTICAL
4	5751.70	23.17	34.56	4.78	62.51	74.00	-11.49	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

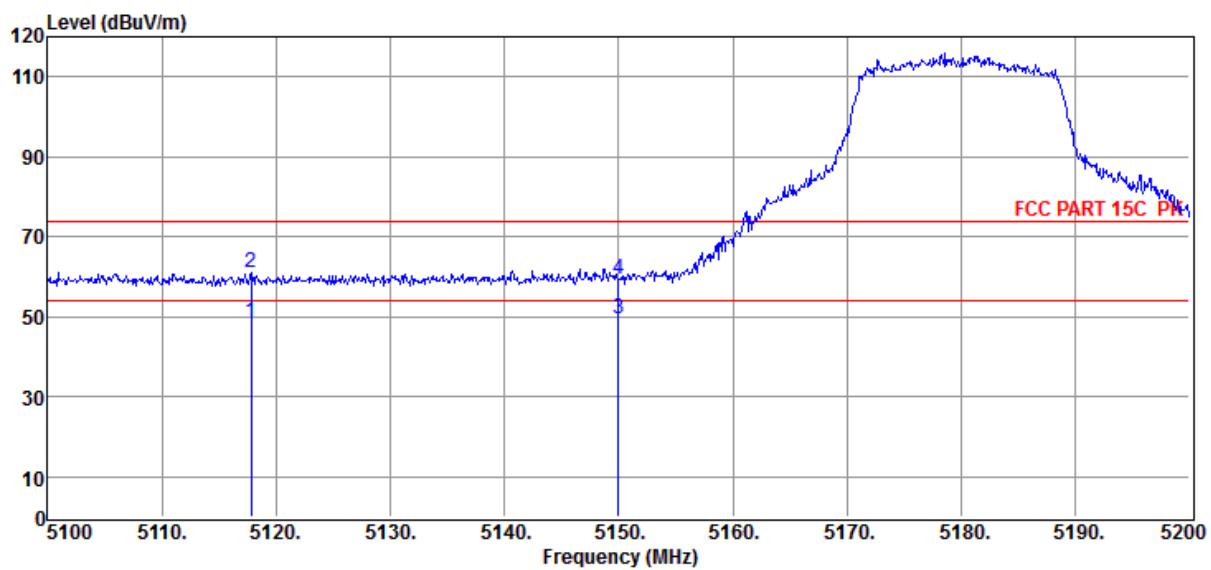
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5180MHz

Data: 141



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5117.80	11.06	33.11	4.50	48.67	54.00	-5.33	Average	VERTICAL
2	5117.80	23.22	33.11	4.50	60.83	74.00	-13.17	Peak	VERTICAL
3	5150.00	11.97	33.17	4.49	49.63	54.00	-4.37	Average	VERTICAL
4	5150.00	21.77	33.17	4.49	59.43	74.00	-14.57	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

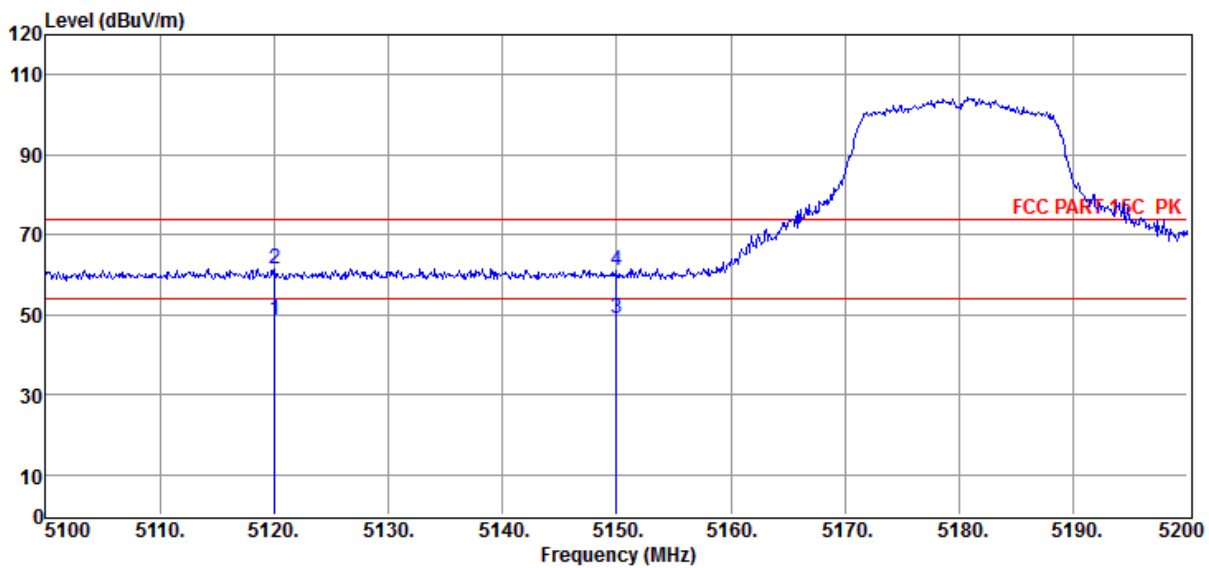
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5180MHz

Data: 142



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5120.10	11.07	33.12	4.50	48.69	54.00	-5.31	Average	HORIZONTAL
2	5120.10	23.92	33.12	4.50	61.54	74.00	-12.46	Peak	HORIZONTAL
3	5150.00	11.31	33.17	4.49	48.97	54.00	-5.03	Average	HORIZONTAL
4	5150.00	23.38	33.17	4.49	61.04	74.00	-12.96	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

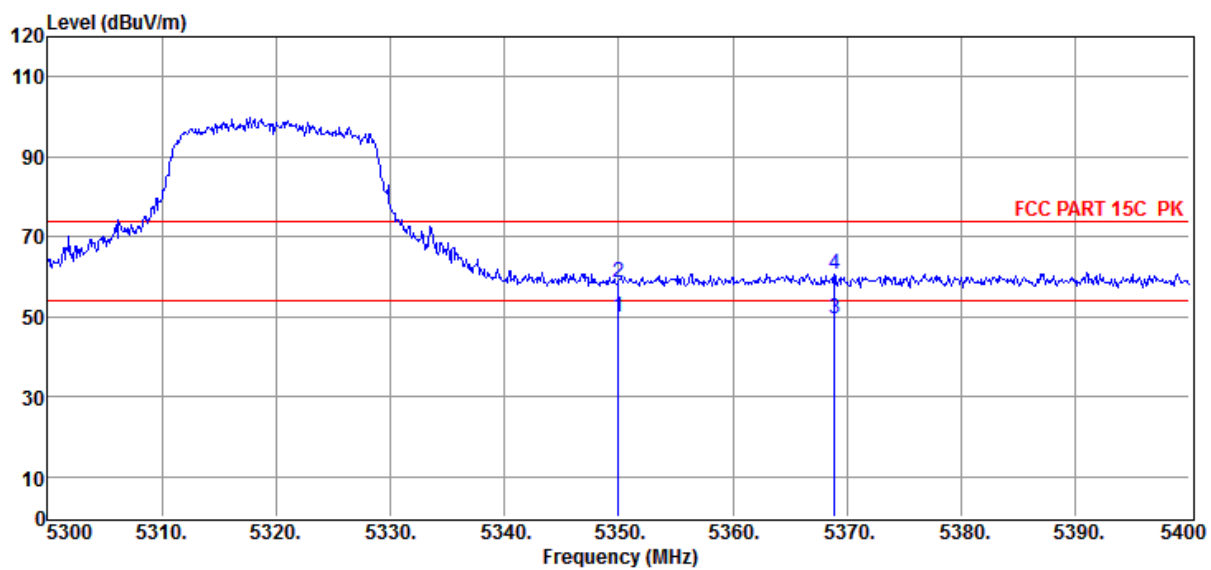
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5320MHz

Data: 143



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.79	33.53	4.58	49.90	54.00	-4.10	Average	HORIZONTAL
2	5350.00	20.62	33.53	4.58	58.73	74.00	-15.27	Peak	HORIZONTAL
3	5368.90	11.42	33.56	4.60	49.58	54.00	-4.42	Average	HORIZONTAL
4	5368.90	22.53	33.56	4.60	60.69	74.00	-13.31	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

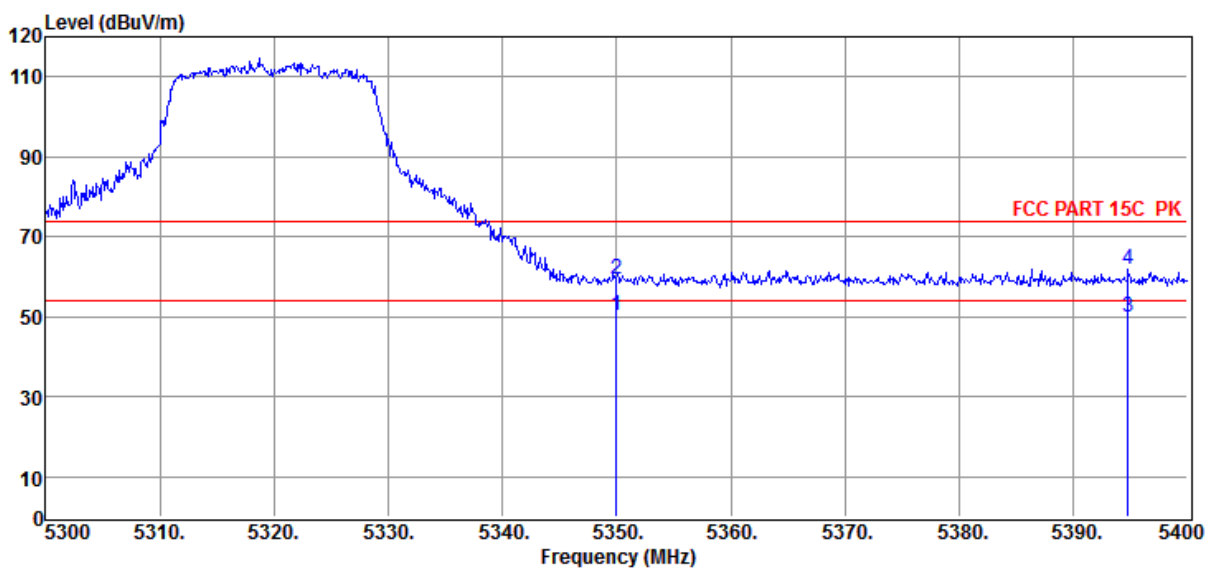
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5320MHz

Data: 144



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.16	33.53	4.58	50.27	54.00	-3.73	Average	VERTICAL
2	5350.00	21.40	33.53	4.58	59.51	74.00	-14.49	Peak	VERTICAL
3	5394.80	11.58	33.61	4.62	49.81	54.00	-4.19	Average	VERTICAL
4	5394.80	23.46	33.61	4.62	61.69	74.00	-12.31	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

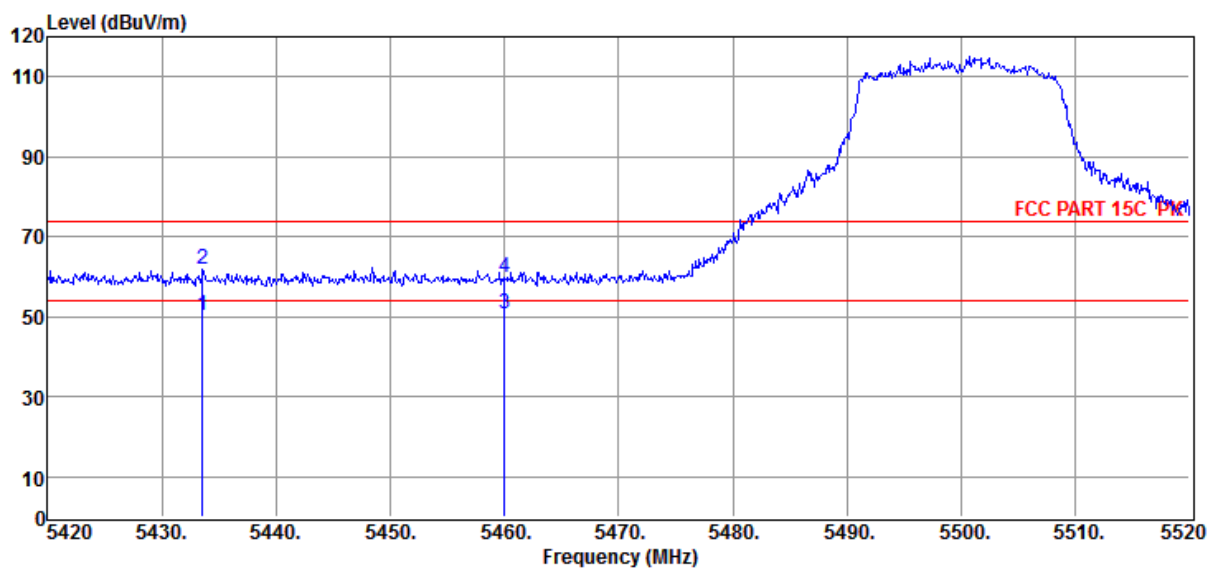
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5500MHz

Data: 145



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5433.60	12.09	33.68	4.66	50.43	54.00	-3.57	Average	VERTICAL
2	5433.60	23.35	33.68	4.66	61.69	74.00	-12.31	Peak	VERTICAL
3	5460.00	12.22	33.73	4.68	50.63	54.00	-3.37	Average	VERTICAL
4	5460.00	21.23	33.73	4.68	59.64	74.00	-14.36	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

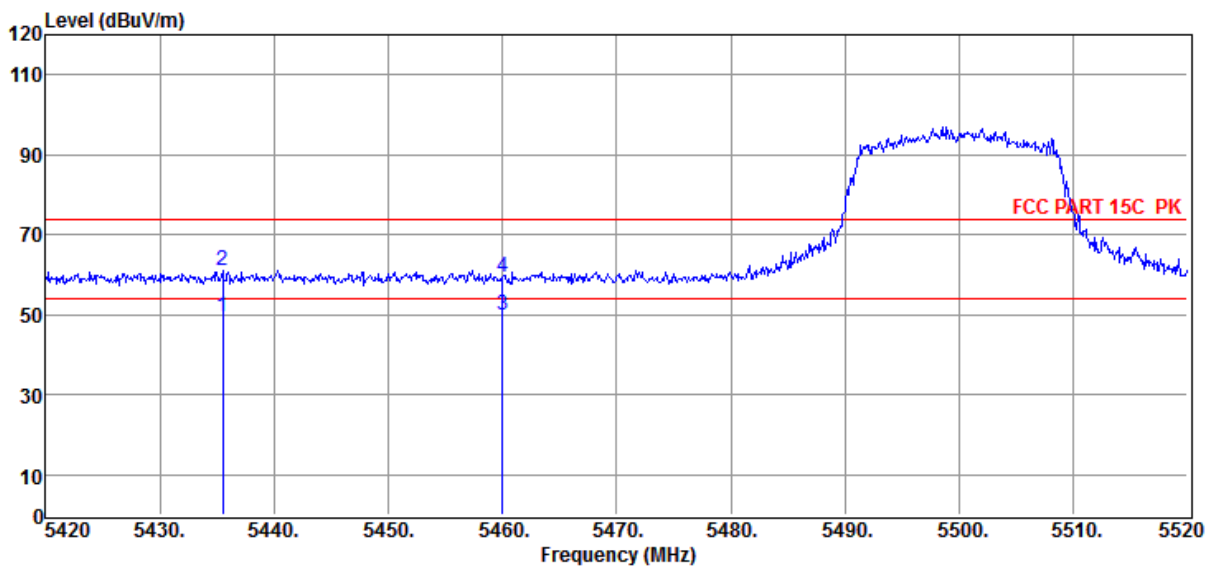
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5500MHz

Data: 146



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5435.50	11.25	33.68	4.66	49.59	54.00	-4.41	Average	HORIZONTAL
2	5435.50	22.58	33.68	4.66	60.92	74.00	-13.08	Peak	HORIZONTAL
3	5460.00	11.47	33.73	4.68	49.88	54.00	-4.12	Average	HORIZONTAL
4	5460.00	21.02	33.73	4.68	59.43	74.00	-14.57	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

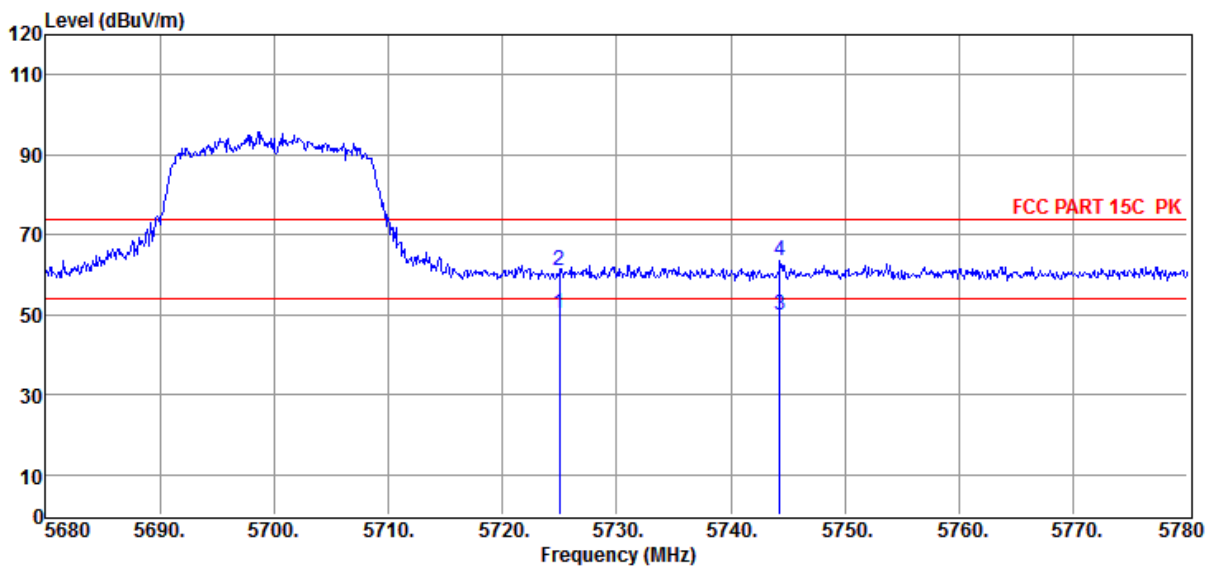
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5700MHz

Data: 147



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.00	34.47	4.79	50.26	54.00	-3.74	Average	HORIZONTAL
2	5725.00	21.75	34.47	4.79	61.01	74.00	-12.99	Peak	HORIZONTAL
3	5744.30	10.47	34.53	4.79	49.79	54.00	-4.21	Average	HORIZONTAL
4	5744.30	24.08	34.53	4.79	63.40	74.00	-10.60	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

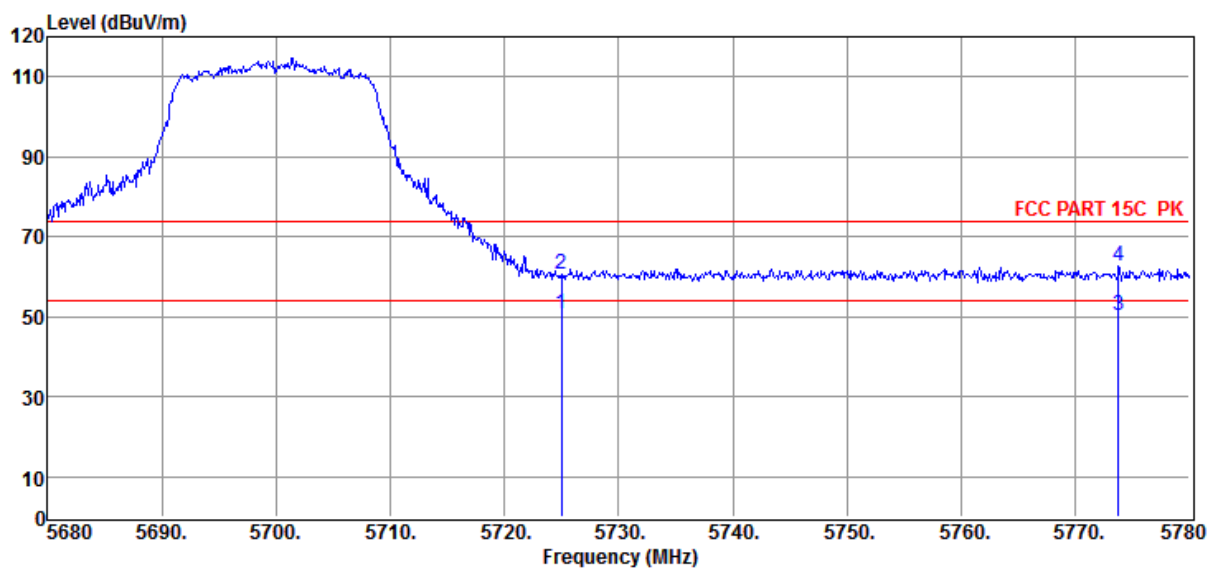
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n20 MCS8 ANT1+ANT2 5700MHz

Data: 148



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.67	34.47	4.79	50.93	54.00	-3.07	Average	VERTICAL
2	5725.00	21.30	34.47	4.79	60.56	74.00	-13.44	Peak	VERTICAL
3	5773.80	11.05	34.62	4.78	50.45	54.00	-3.55	Average	VERTICAL
4	5773.80	23.10	34.62	4.78	62.50	74.00	-11.50	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

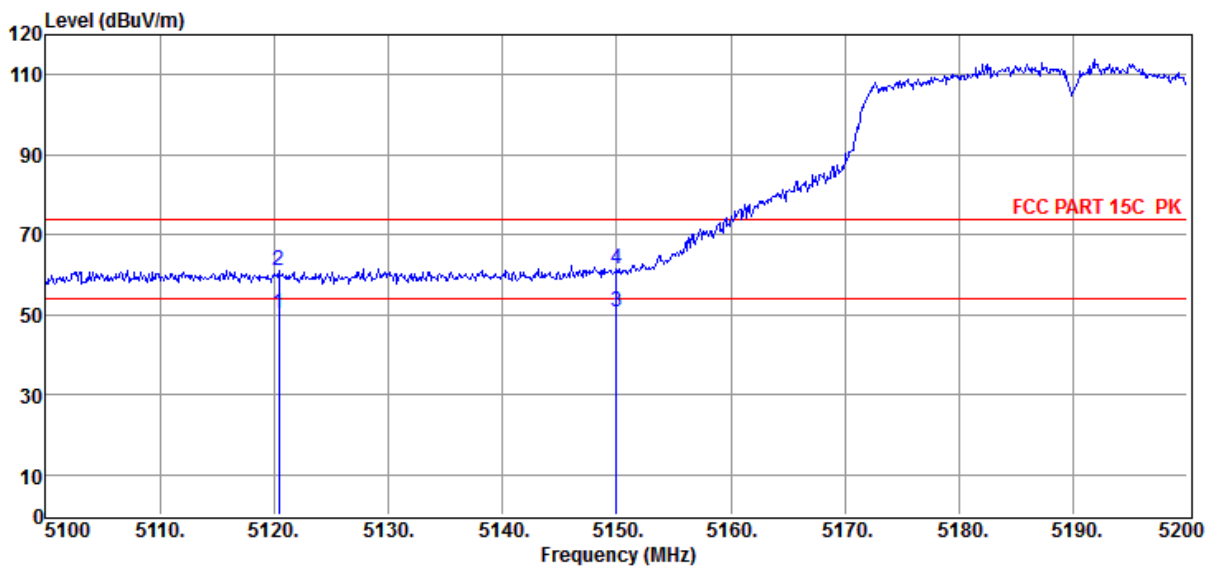
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5190MHz

Data: 149



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5120.40	12.62	33.12	4.50	50.24	54.00	-3.76	Average	VERTICAL
2	5120.40	23.56	33.12	4.50	61.18	74.00	-12.82	Peak	VERTICAL
3	5150.00	13.01	33.17	4.49	50.67	54.00	-3.33	Average	VERTICAL
4	5150.00	23.67	33.17	4.49	61.33	74.00	-12.67	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

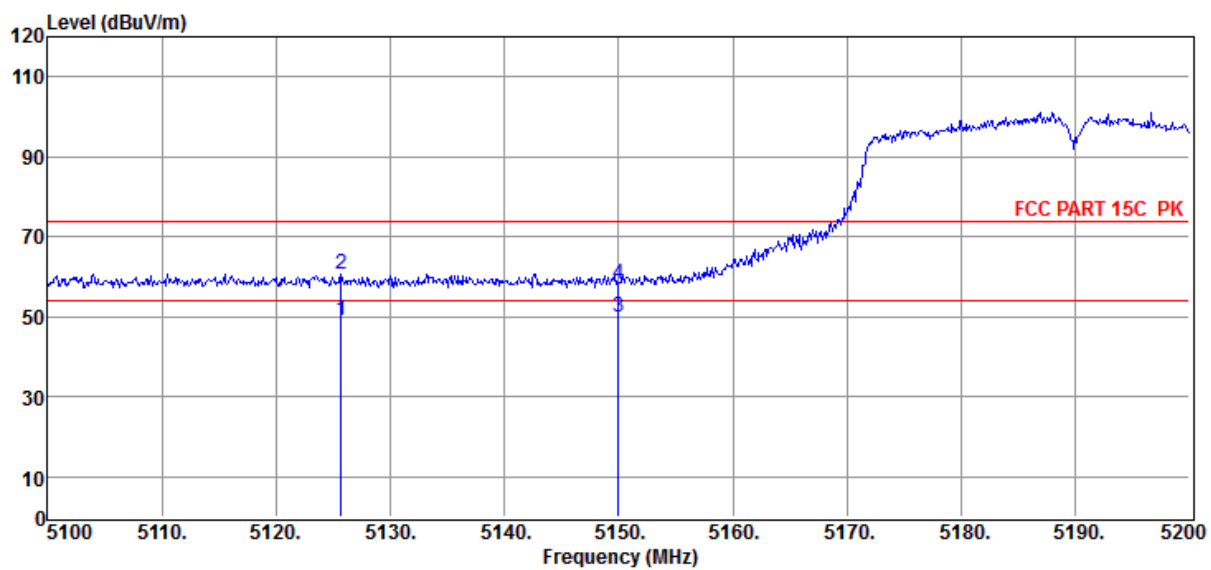
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5190MHz

Data: 150



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5125.70	11.53	33.13	4.50	49.16	54.00	-4.84	Average	HORIZONTAL
2	5125.70	23.07	33.13	4.50	60.70	74.00	-13.30	Peak	HORIZONTAL
3	5150.00	12.15	33.17	4.49	49.81	54.00	-4.19	Average	HORIZONTAL
4	5150.00	20.60	33.17	4.49	58.26	74.00	-15.74	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

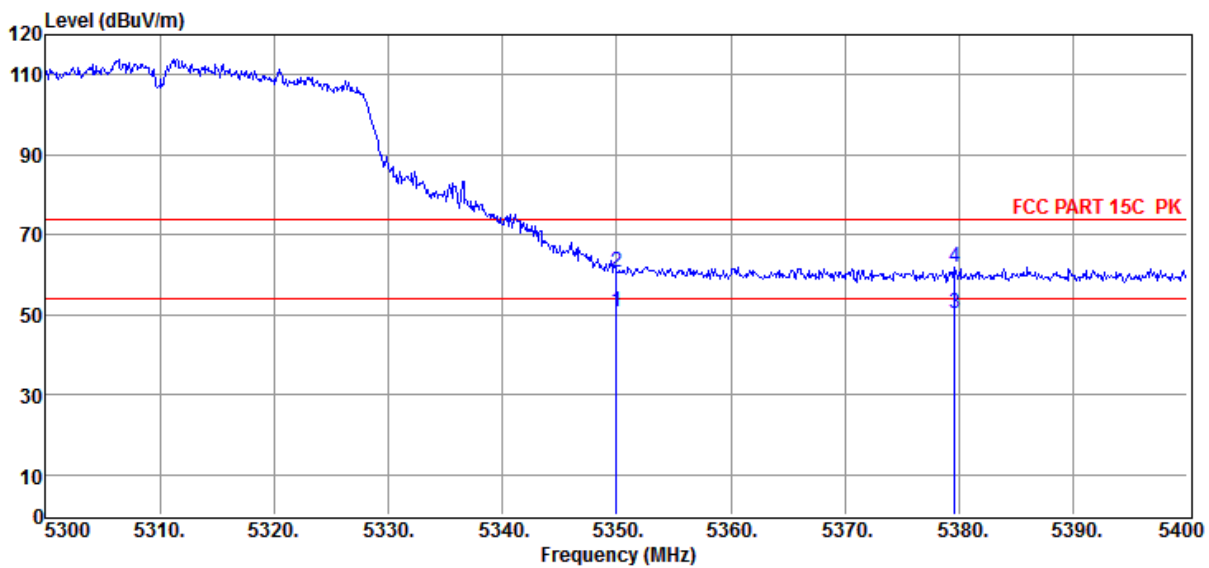
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5310MHz

Data: 151



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.79	33.53	4.58	50.90	54.00	-3.10	Average	VERTICAL
2	5350.00	22.58	33.53	4.58	60.69	74.00	-13.31	Peak	VERTICAL
3	5379.60	12.17	33.58	4.60	50.35	54.00	-3.65	Average	VERTICAL
4	5379.60	23.58	33.58	4.60	61.76	74.00	-12.24	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

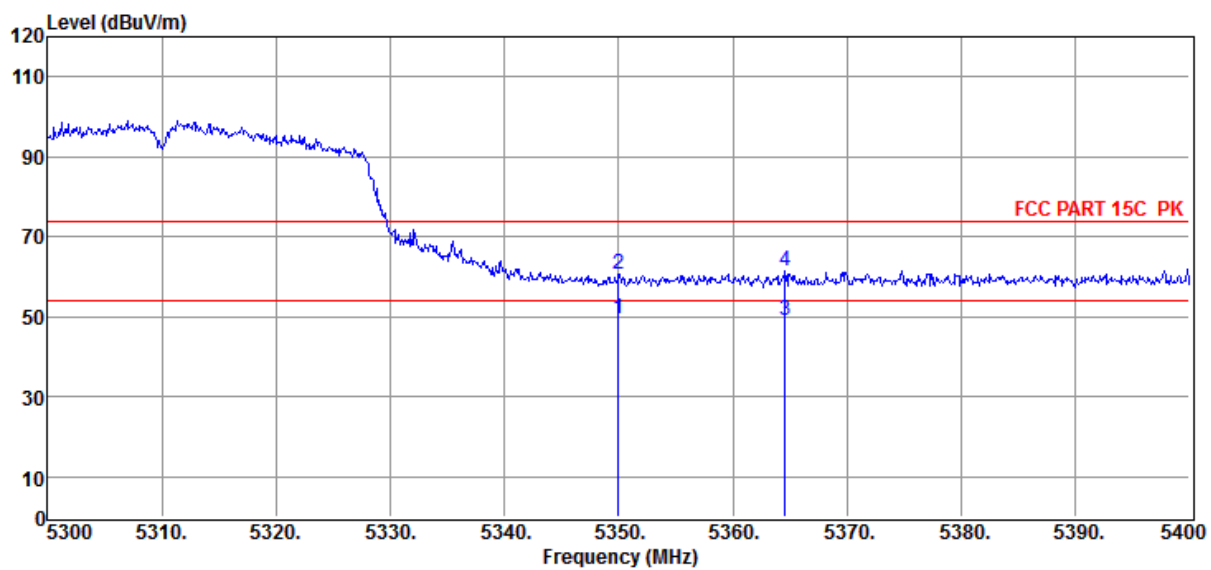
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5310MHz

Data: 152



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.27	33.53	4.58	49.38	54.00	-4.62	Average	HORIZONTAL
2	5350.00	22.54	33.53	4.58	60.65	74.00	-13.35	Peak	HORIZONTAL
3	5364.60	11.06	33.56	4.59	49.21	54.00	-4.79	Average	HORIZONTAL
4	5364.60	23.35	33.56	4.59	61.50	74.00	-12.50	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

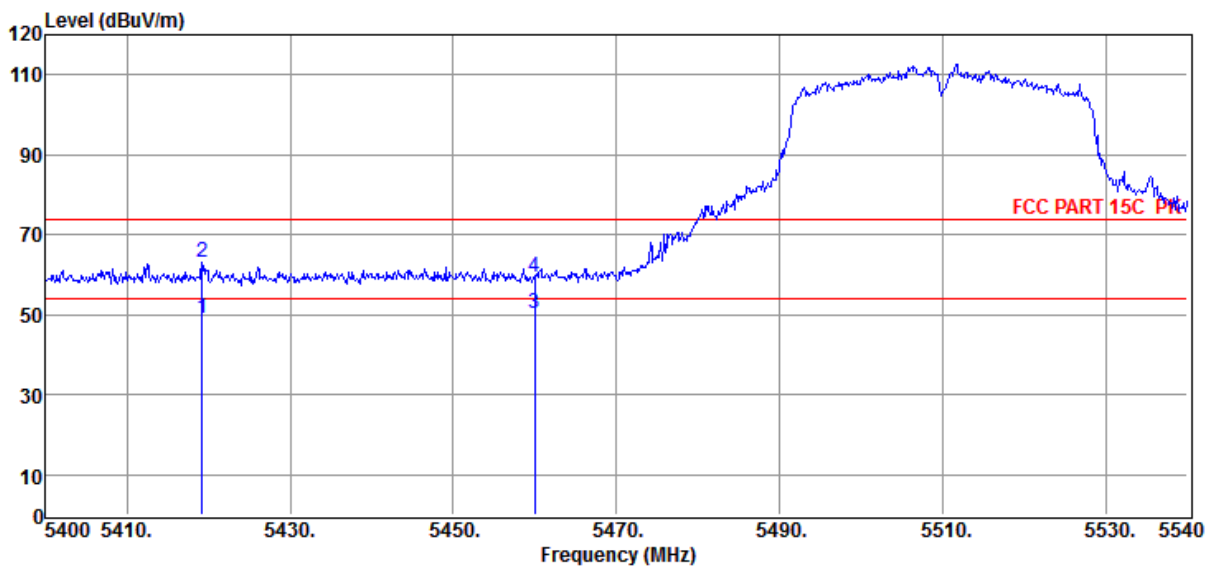
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5510MHz

Data: 153



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5419.18	10.87	33.65	4.64	49.16	54.00	-4.84	Average	VERTICAL
2	5419.18	24.90	33.65	4.64	63.19	74.00	-10.81	Peak	VERTICAL
3	5460.00	11.91	33.73	4.68	50.32	54.00	-3.68	Average	VERTICAL
4	5460.00	20.89	33.73	4.68	59.30	74.00	-14.70	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

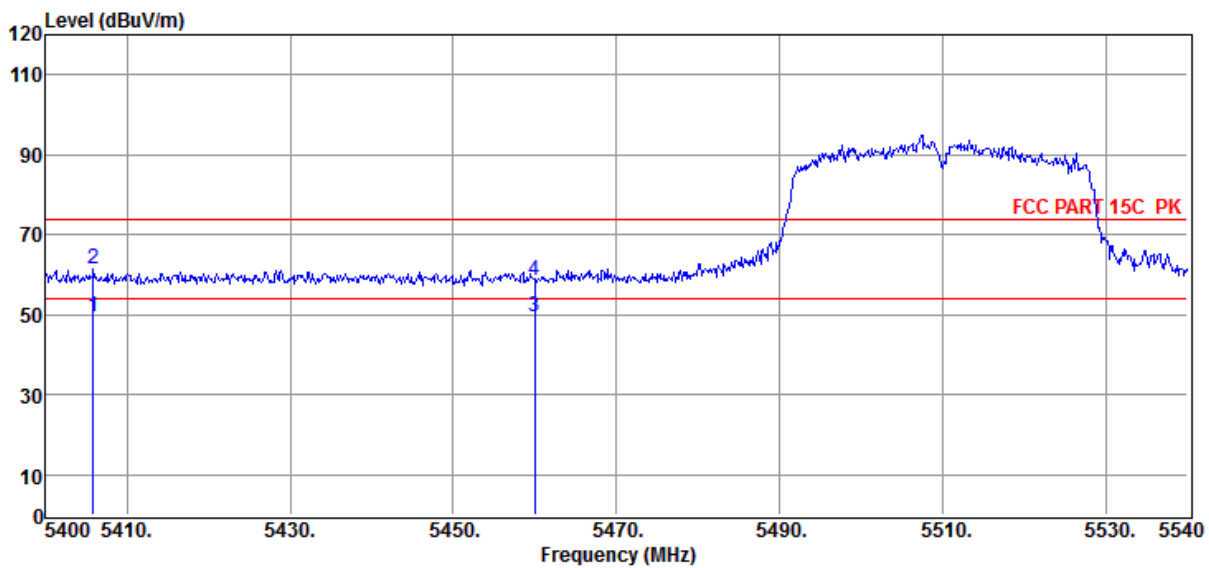
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5510MHz

Data: 154



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5405.88	11.07	33.63	4.63	49.33	54.00	-4.67	Average	HORIZONTAL
2	5405.88	23.24	33.63	4.63	61.50	74.00	-12.50	Peak	HORIZONTAL
3	5460.00	11.05	33.73	4.68	49.46	54.00	-4.54	Average	HORIZONTAL
4	5460.00	19.97	33.73	4.68	58.38	74.00	-15.62	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

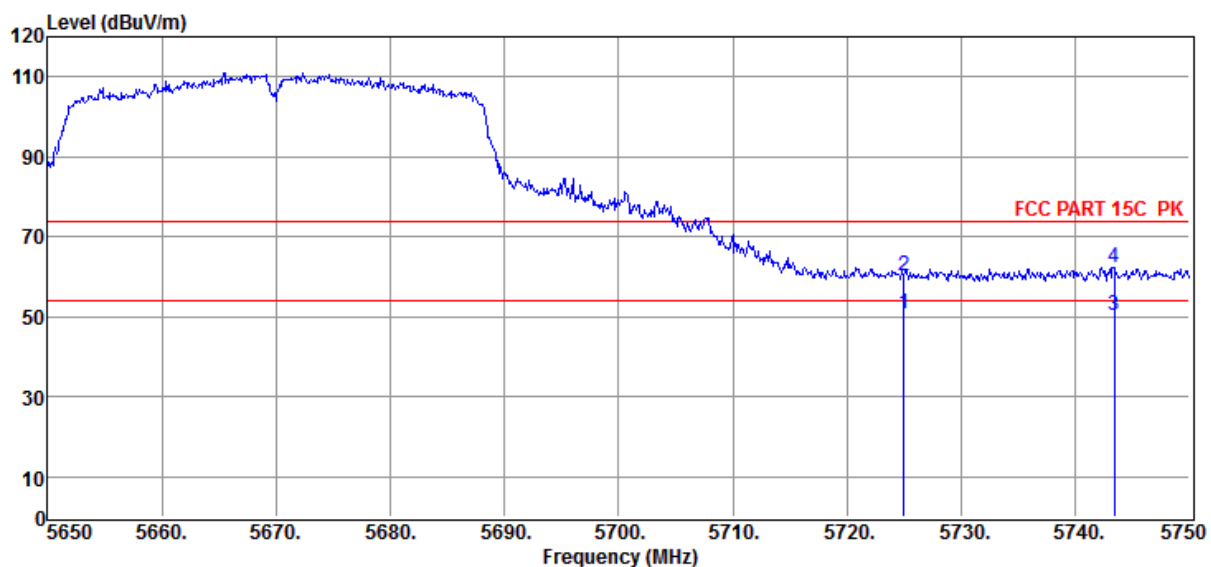
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5670MHz

Data: 155



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.52	34.47	4.79	50.78	54.00	-3.22	Average	VERTICAL
2	5725.00	21.11	34.47	4.79	60.37	74.00	-13.63	Peak	VERTICAL
3	5743.40	11.15	34.53	4.79	50.47	54.00	-3.53	Average	VERTICAL
4	5743.40	23.02	34.53	4.79	62.34	74.00	-11.66	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

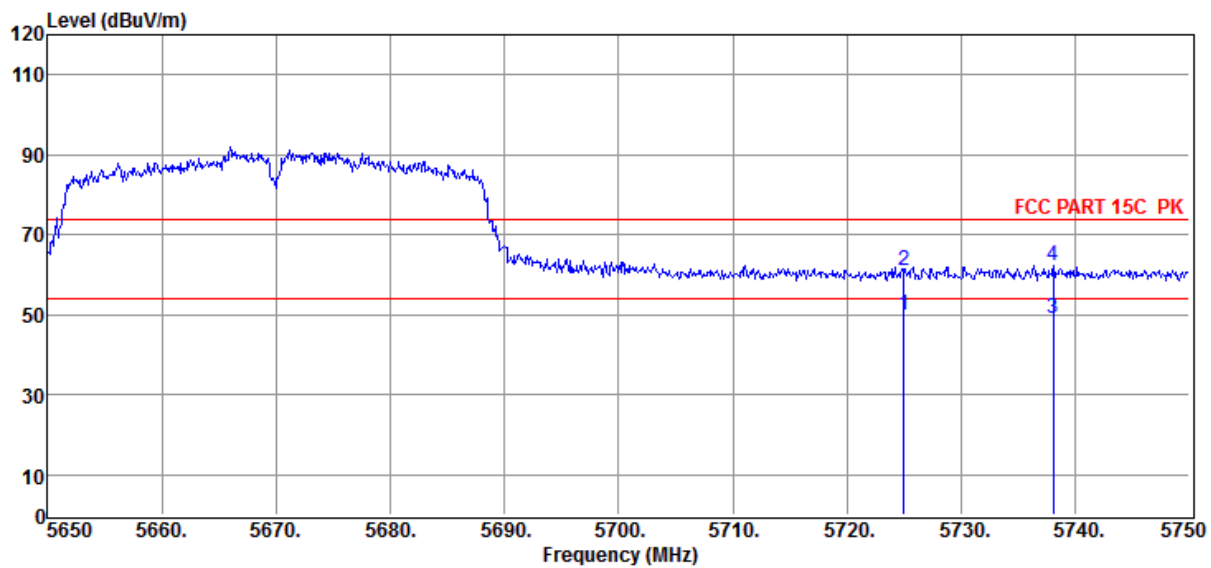
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11n40 MCS8 ANT1+ANT2 5670MHz

Data: 156



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	10.64	34.47	4.79	49.90	54.00	-4.10	Average	HORIZONTAL
2	5725.00	21.81	34.47	4.79	61.07	74.00	-12.93	Peak	HORIZONTAL
3	5738.10	9.87	34.51	4.79	49.17	54.00	-4.83	Average	HORIZONTAL
4	5738.10	23.17	34.51	4.79	62.47	74.00	-11.53	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

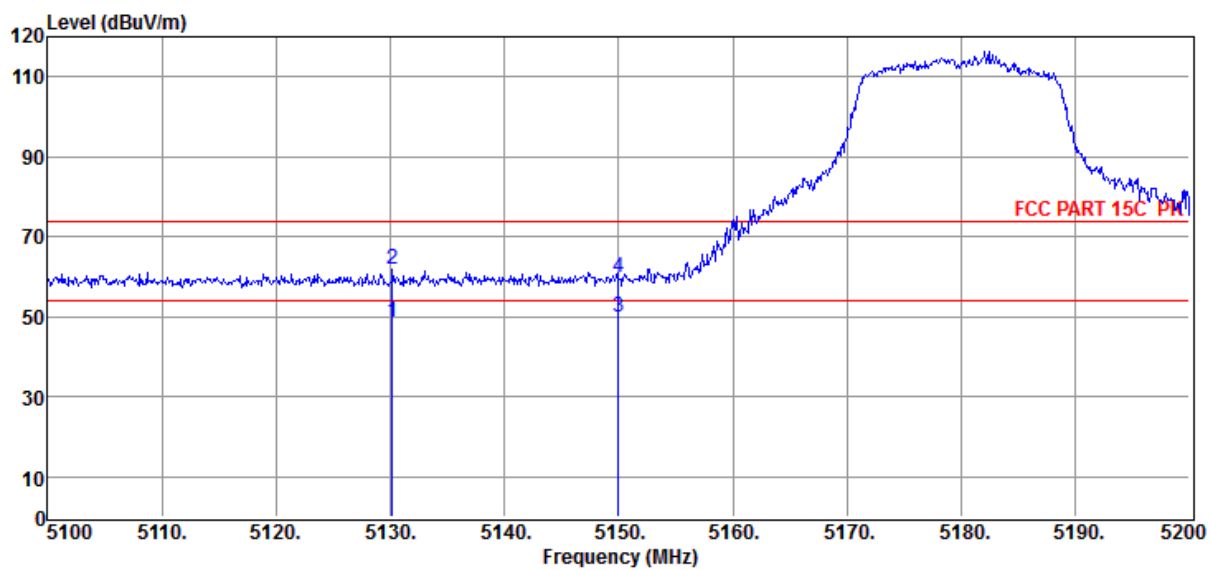
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5180MHz

Data: 157



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5130.20	11.18	33.13	4.49	48.80	54.00	-5.20	Average	VERTICAL
2	5130.20	24.27	33.13	4.49	61.89	74.00	-12.11	Peak	VERTICAL
3	5150.00	12.39	33.17	4.49	50.05	54.00	-3.95	Average	VERTICAL
4	5150.00	22.01	33.17	4.49	59.67	74.00	-14.33	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

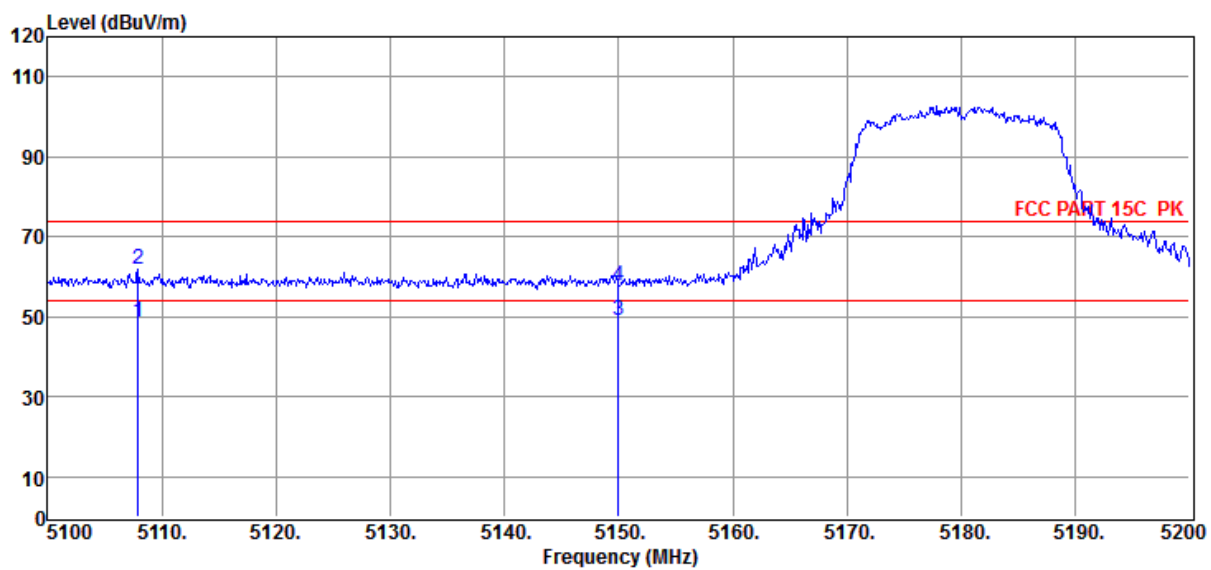
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5180MHz

Data: 158



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5107.90	11.09	33.09	4.50	48.68	54.00	-5.32	Average	HORIZONTAL
2	5107.90	24.09	33.09	4.50	61.68	74.00	-12.32	Peak	HORIZONTAL
3	5150.00	11.58	33.17	4.49	49.24	54.00	-4.76	Average	HORIZONTAL
4	5150.00	20.25	33.17	4.49	57.91	74.00	-16.09	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

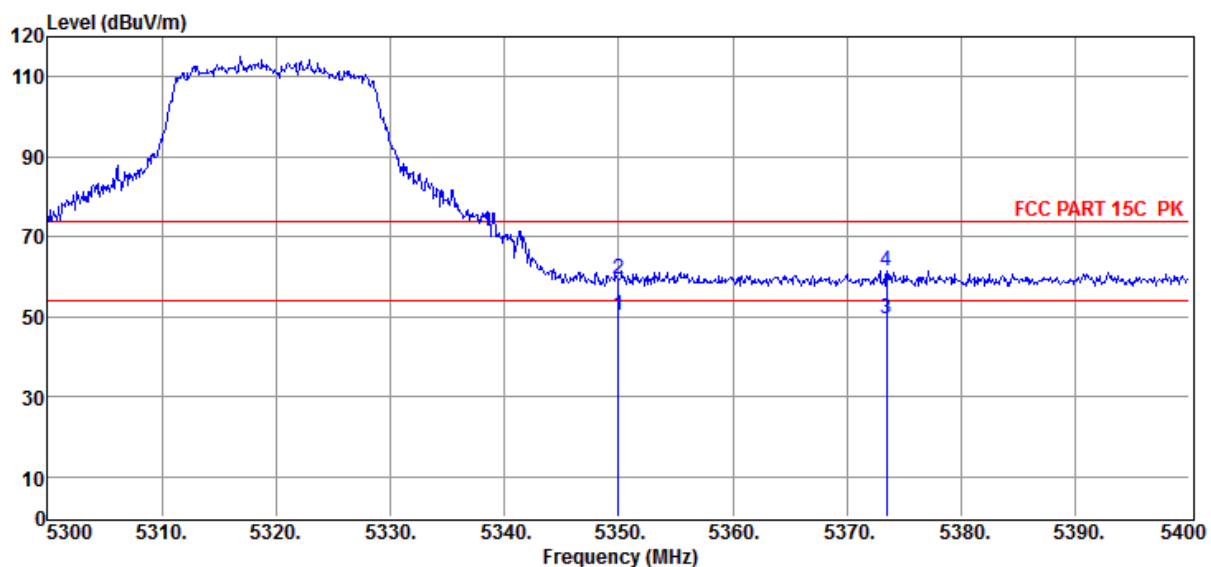
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5320MHz

Data: 159



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.04	33.53	4.58	50.15	54.00	-3.85	Average	VERTICAL
2	5350.00	21.41	33.53	4.58	59.52	74.00	-14.48	Peak	VERTICAL
3	5373.50	11.25	33.57	4.60	49.42	54.00	-4.58	Average	VERTICAL
4	5373.50	23.36	33.57	4.60	61.53	74.00	-12.47	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

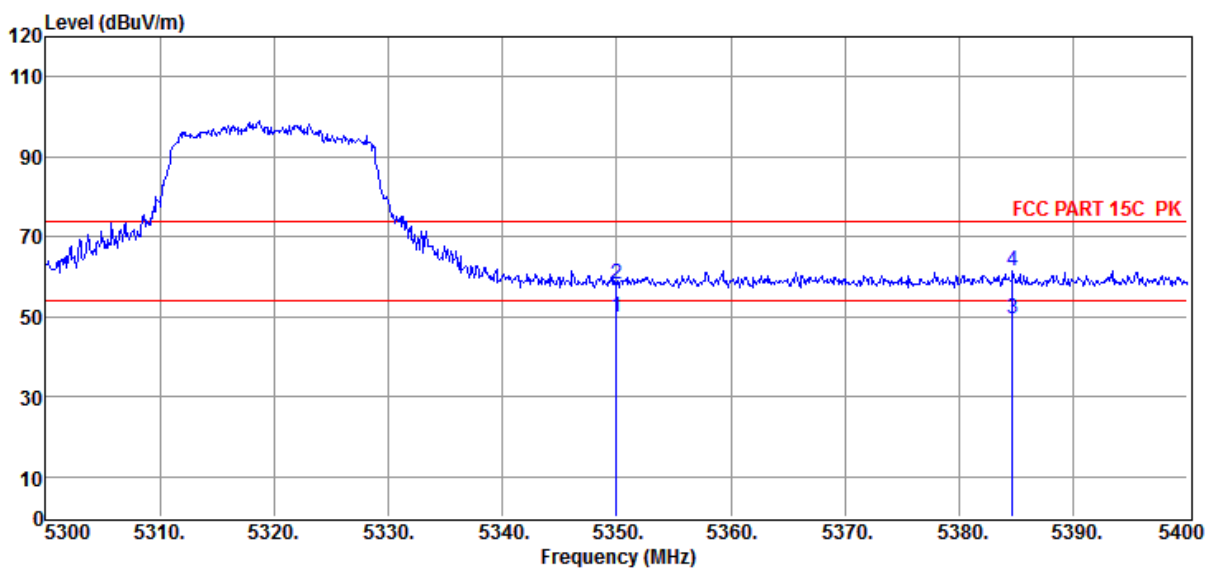
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5320MHz

Data: 160



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.77	33.53	4.58	49.88	54.00	-4.12	Average	HORIZONTAL
2	5350.00	20.22	33.53	4.58	58.33	74.00	-15.67	Peak	HORIZONTAL
3	5384.70	11.08	33.59	4.61	49.28	54.00	-4.72	Average	HORIZONTAL
4	5384.70	23.32	33.59	4.61	61.52	74.00	-12.48	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

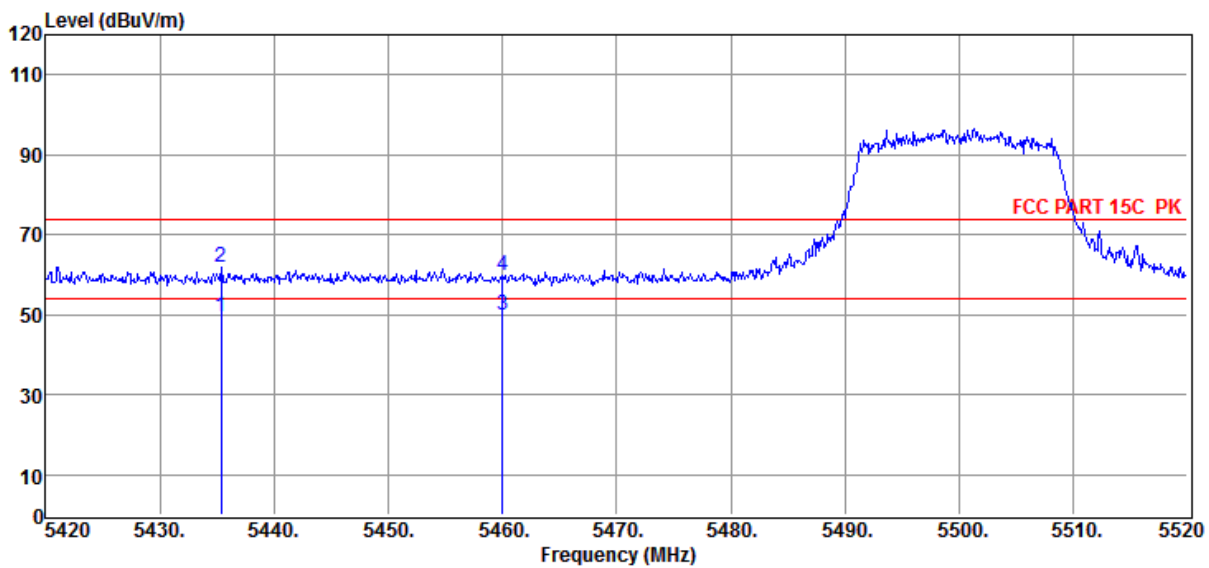
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5500MHZ

Data: 161



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5435.40	11.09	33.68	4.66	49.43	54.00	-4.57	Average	HORIZONTAL
2	5435.40	23.40	33.68	4.66	61.74	74.00	-12.26	Peak	HORIZONTAL
3	5460.00	11.49	33.73	4.68	49.90	54.00	-4.10	Average	HORIZONTAL
4	5460.00	21.38	33.73	4.68	59.79	74.00	-14.21	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

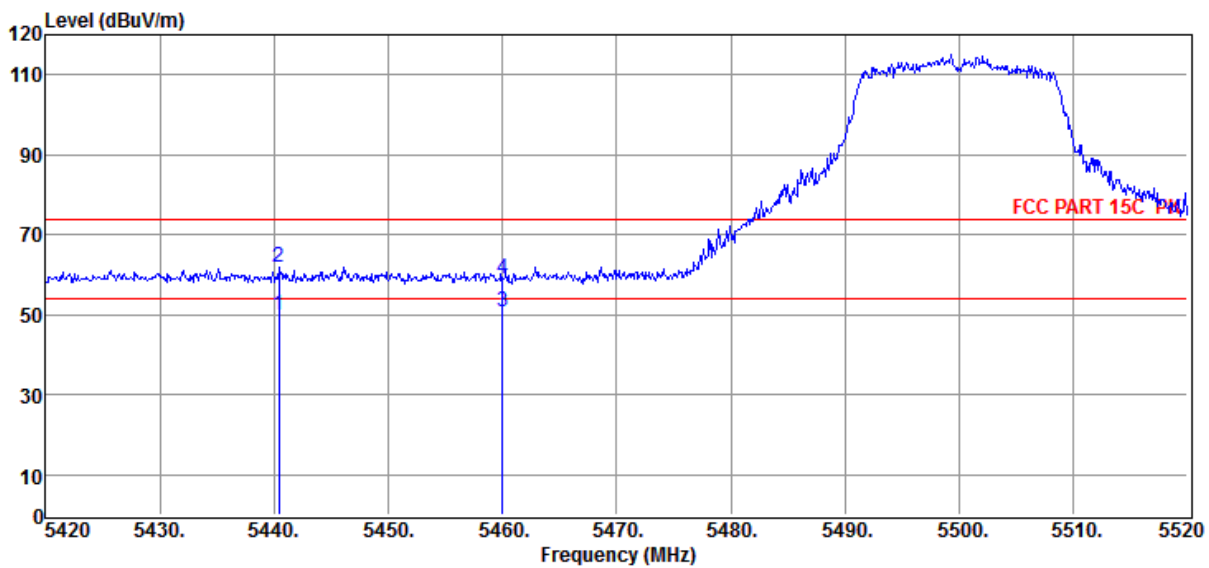
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5500MHZ

Data: 162



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5440.40	11.58	33.69	4.66	49.93	54.00	-4.07	Average	VERTICAL
2	5440.40	23.57	33.69	4.66	61.92	74.00	-12.08	Peak	VERTICAL
3	5460.00	12.32	33.73	4.68	50.73	54.00	-3.27	Average	VERTICAL
4	5460.00	20.52	33.73	4.68	58.93	74.00	-15.07	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

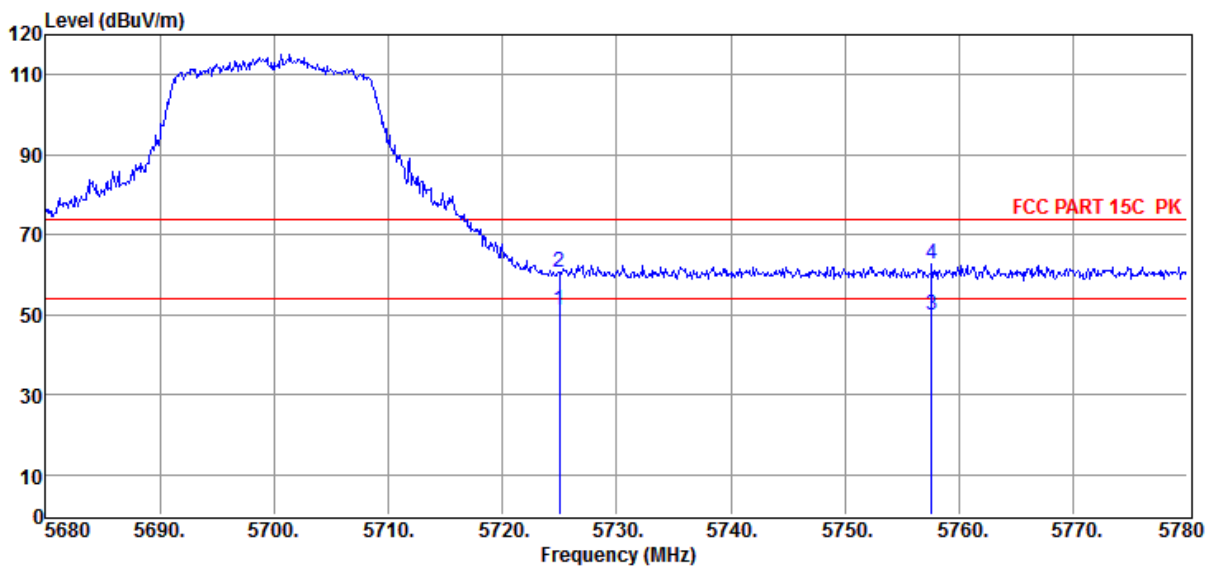
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5700MHz

Data: 163



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.71	34.47	4.79	50.97	54.00	-3.03	Average	VERTICAL
2	5725.00	21.27	34.47	4.79	60.53	74.00	-13.47	Peak	VERTICAL
3	5757.60	10.47	34.57	4.78	49.82	54.00	-4.18	Average	VERTICAL
4	5757.60	23.18	34.57	4.78	62.53	74.00	-11.47	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

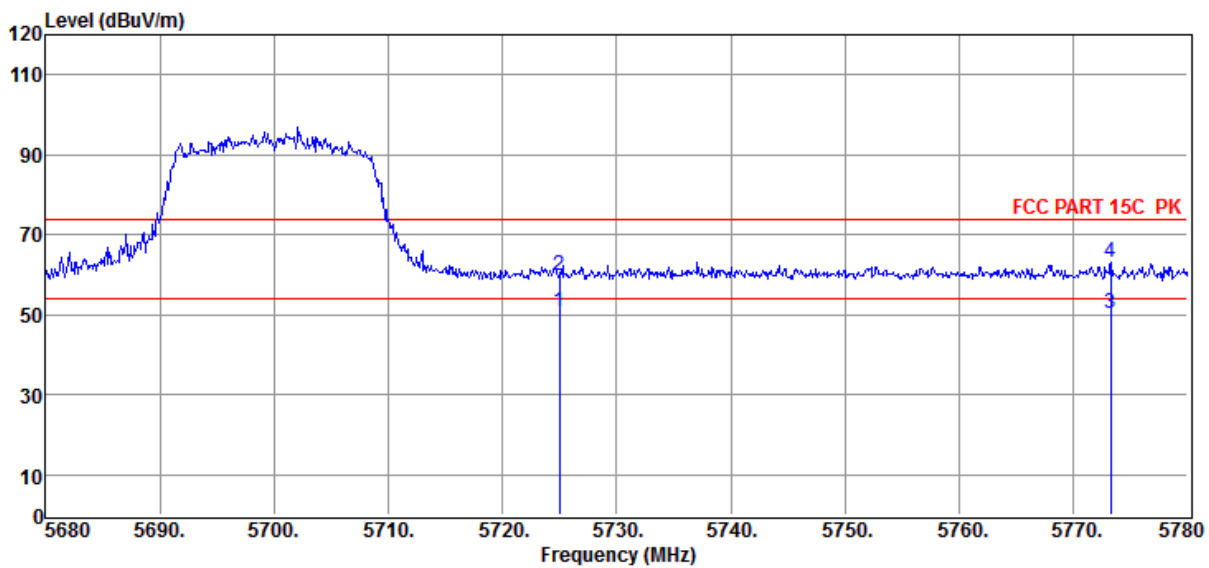
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC20 MCS0 ANT1+ANT2 5700MHz

Data: 164



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.54	34.47	4.79	50.80	54.00	-3.20	Average	HORIZONTAL
2	5725.00	20.57	34.47	4.79	59.83	74.00	-14.17	Peak	HORIZONTAL
3	5773.30	11.08	34.62	4.78	50.48	54.00	-3.52	Average	HORIZONTAL
4	5773.30	23.81	34.62	4.78	63.21	74.00	-10.79	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

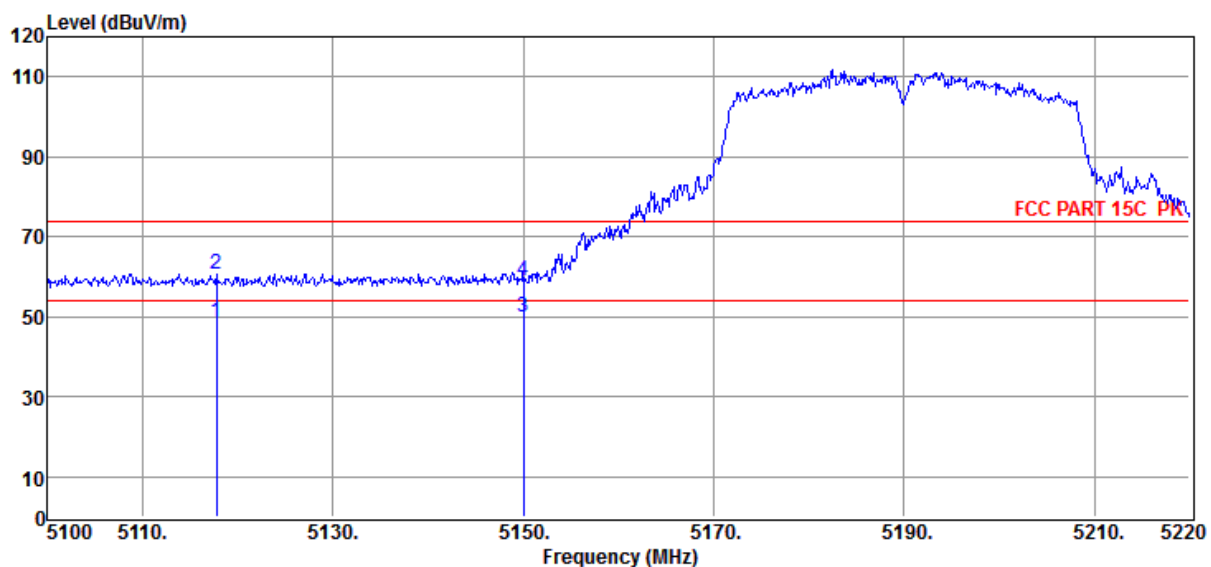
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5190MHz

Data: 165



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5117.76	11.05	33.11	4.50	48.66	54.00	-5.34	Average	VERTICAL
2	5117.76	23.16	33.11	4.50	60.77	74.00	-13.23	Peak	VERTICAL
3	5150.00	12.04	33.17	4.49	49.70	54.00	-4.30	Average	VERTICAL
4	5150.00	21.23	33.17	4.49	58.89	74.00	-15.11	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

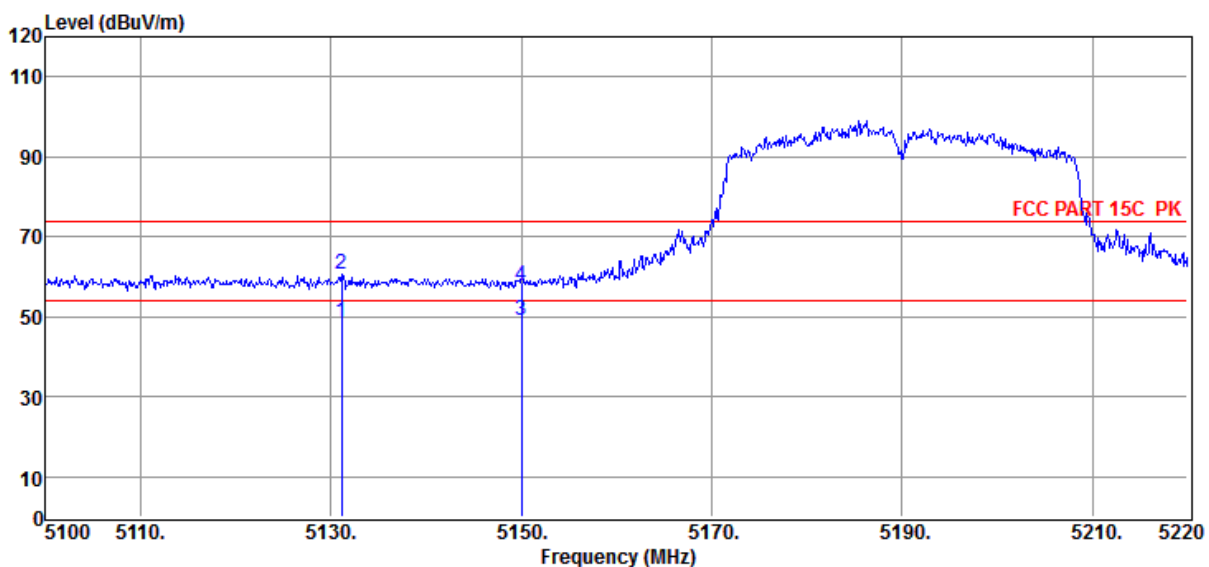
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5190MHz

Data: 166



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5131.08	11.14	33.14	4.49	48.77	54.00	-5.23	Average	HORIZONTAL
2	5131.08	23.04	33.14	4.49	60.67	74.00	-13.33	Peak	HORIZONTAL
3	5150.00	11.49	33.17	4.49	49.15	54.00	-4.85	Average	HORIZONTAL
4	5150.00	20.26	33.17	4.49	57.92	74.00	-16.08	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

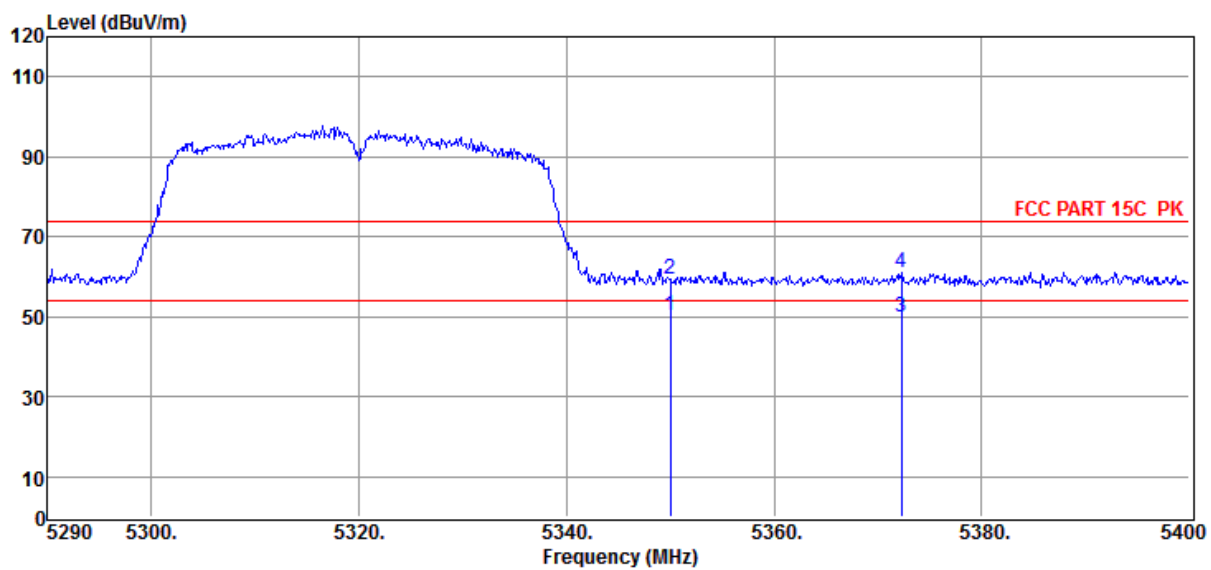
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5310MHz

Data: 167



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.18	33.53	4.58	50.29	54.00	-3.71	Average	HORIZONTAL
2	5350.00	21.15	33.53	4.58	59.26	74.00	-14.74	Peak	HORIZONTAL
3	5372.28	11.87	33.57	4.60	50.04	54.00	-3.96	Average	HORIZONTAL
4	5372.28	23.01	33.57	4.60	61.18	74.00	-12.82	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

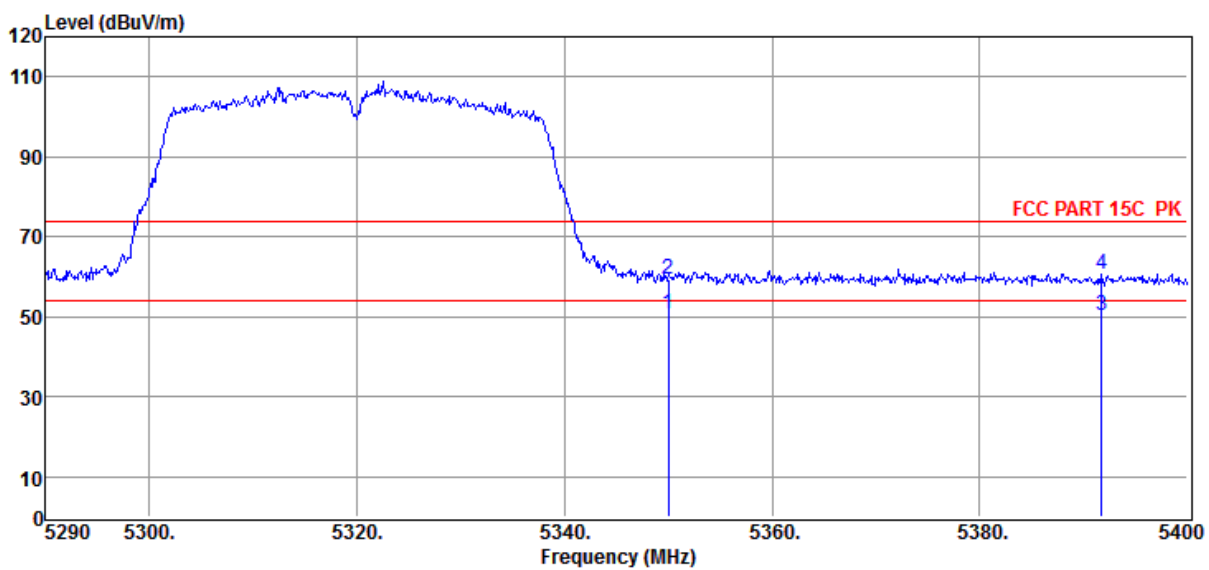
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5310MHz

Data: 168



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.74	33.53	4.58	50.85	54.00	-3.15	Average	VERTICAL
2	5350.00	21.25	33.53	4.58	59.36	74.00	-14.64	Peak	VERTICAL
3	5391.75	12.09	33.61	4.61	50.31	54.00	-3.69	Average	VERTICAL
4	5391.75	22.48	33.61	4.61	60.70	74.00	-13.30	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

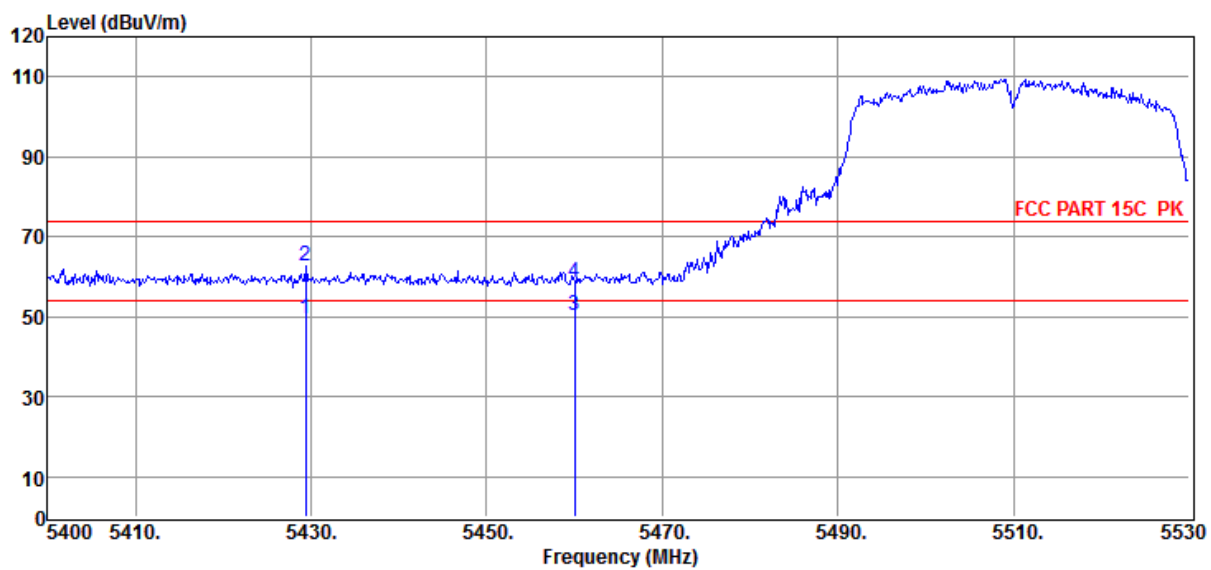
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5510MHz

Data: 169



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5429.38	11.13	33.67	4.65	49.45	54.00	-4.55	Average	VERTICAL
2	5429.38	24.39	33.67	4.65	62.71	74.00	-11.29	Peak	VERTICAL
3	5460.00	11.86	33.73	4.68	50.27	54.00	-3.73	Average	VERTICAL
4	5460.00	20.03	33.73	4.68	58.44	74.00	-15.56	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

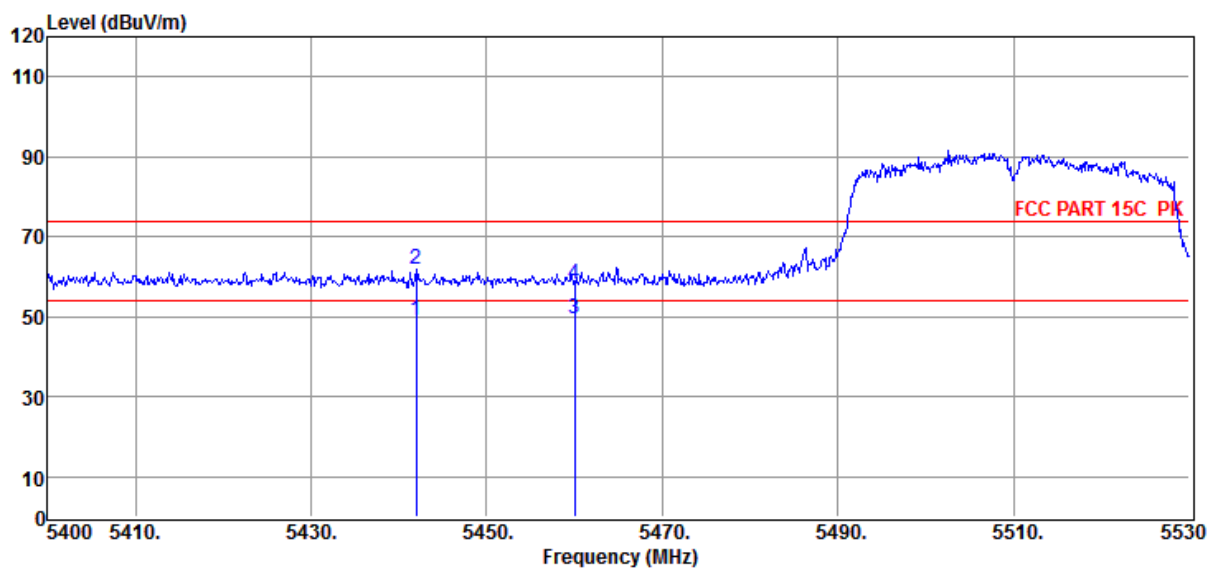
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5510MHz

Data: 170



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5441.99	10.75	33.70	4.66	49.11	54.00	-4.89	Average	HORIZONTAL
2	5441.99	23.48	33.70	4.66	61.84	74.00	-12.16	Peak	HORIZONTAL
3	5460.00	11.25	33.73	4.68	49.66	54.00	-4.34	Average	HORIZONTAL
4	5460.00	19.59	33.73	4.68	58.00	74.00	-16.00	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

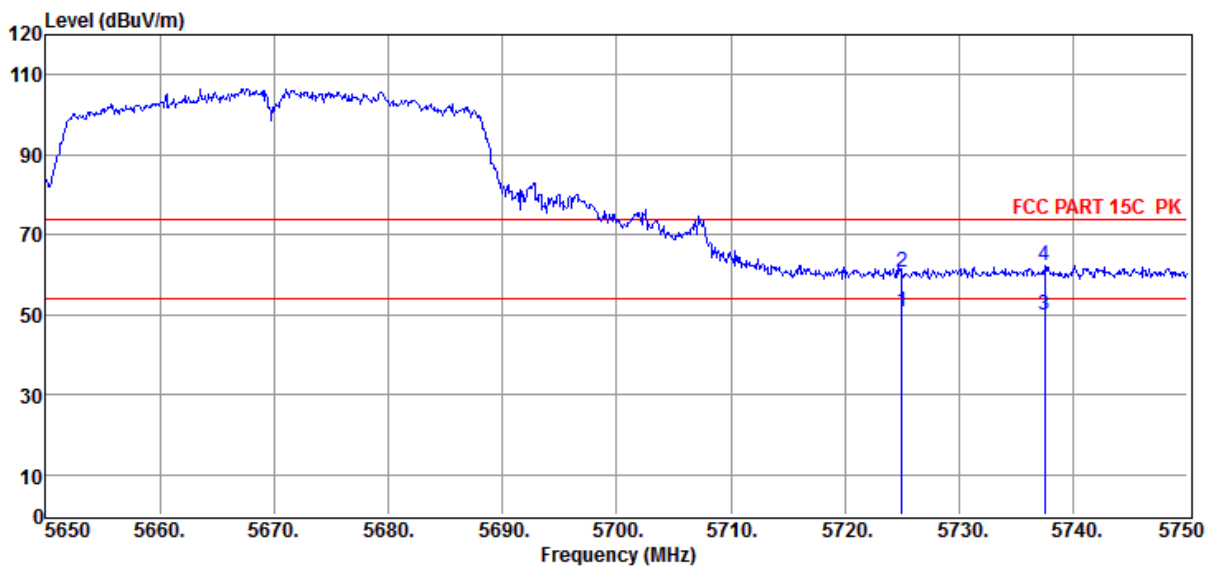
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5670MHz

Data: 171



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.55	34.47	4.79	50.81	54.00	-3.19	Average	VERTICAL
2	5725.00	21.30	34.47	4.79	60.56	74.00	-13.44	Peak	VERTICAL
3	5737.50	10.78	34.51	4.79	50.08	54.00	-3.92	Average	VERTICAL
4	5737.50	23.11	34.51	4.79	62.41	74.00	-11.59	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

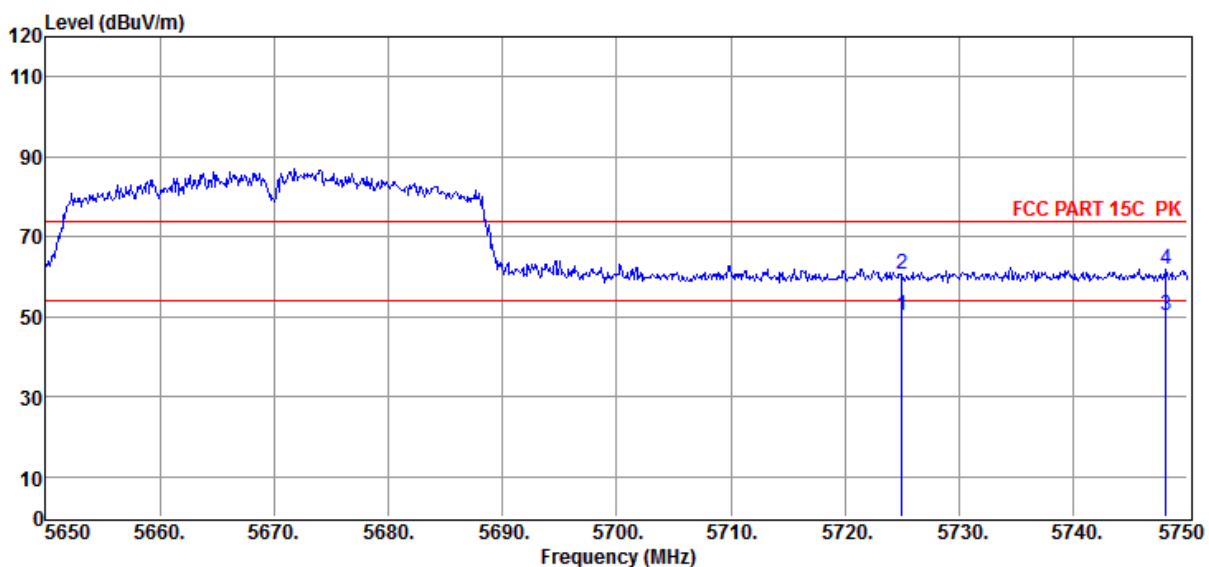
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC40 MCS0 ANT1+ANT2 5670MHz

Data: 172



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.13	34.47	4.79	50.39	54.00	-3.61	Average	HORIZONTAL
2	5725.00	21.38	34.47	4.79	60.64	74.00	-13.36	Peak	HORIZONTAL
3	5748.10	10.83	34.54	4.79	50.16	54.00	-3.84	Average	HORIZONTAL
4	5748.10	22.68	34.54	4.79	62.01	74.00	-11.99	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

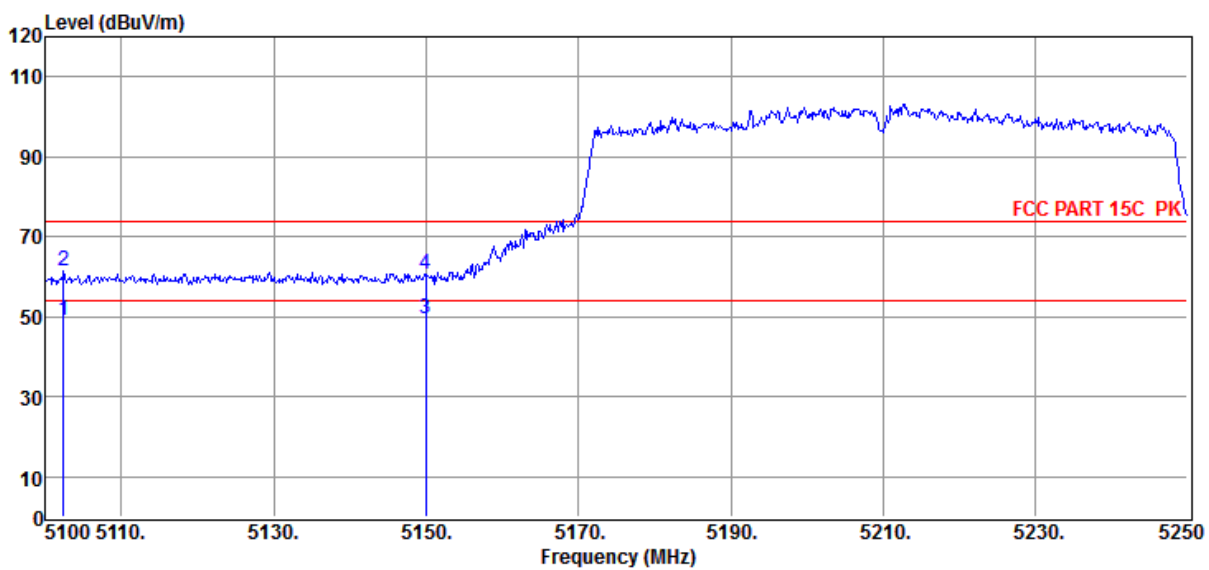
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5210MHz

Data: 173



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5102.40	11.42	33.08	4.50	49.00	54.00	-5.00	Average	VERTICAL
2	5102.40	23.72	33.08	4.50	61.30	74.00	-12.70	Peak	VERTICAL
3	5150.00	11.68	33.17	4.49	49.34	54.00	-4.66	Average	VERTICAL
4	5150.00	22.97	33.17	4.49	60.63	74.00	-13.37	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

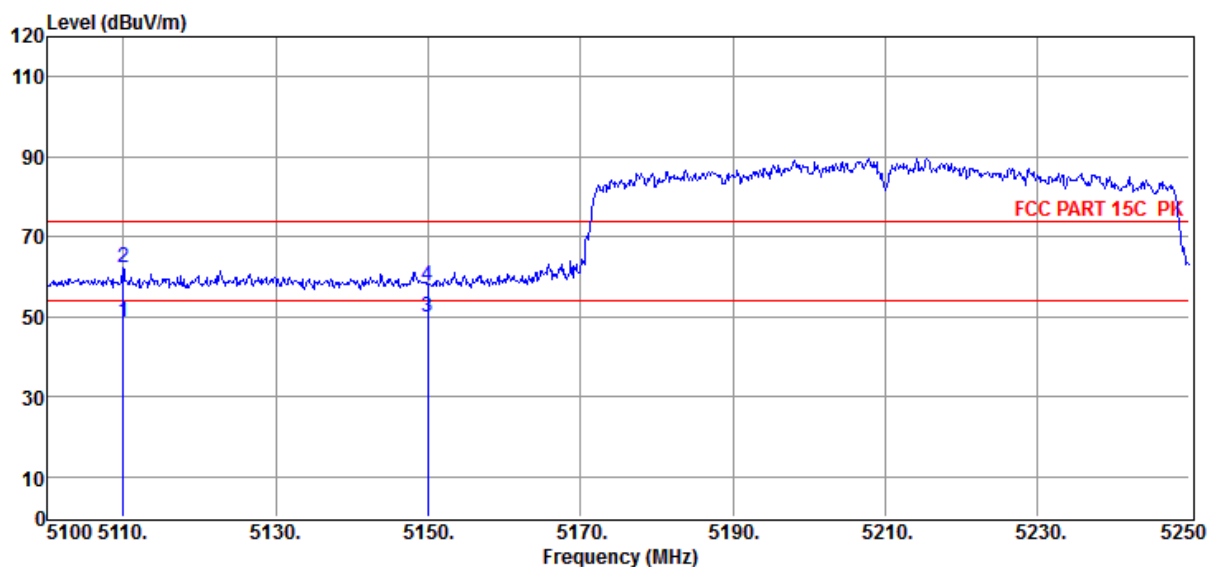
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5210MHz

Data: 174



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5109.90	11.26	33.10	4.50	48.86	54.00	-5.14	Average	HORIZONTAL
2	5109.90	24.60	33.10	4.50	62.20	74.00	-11.80	Peak	HORIZONTAL
3	5150.00	12.06	33.17	4.49	49.72	54.00	-4.28	Average	HORIZONTAL
4	5150.00	20.26	33.17	4.49	57.92	74.00	-16.08	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

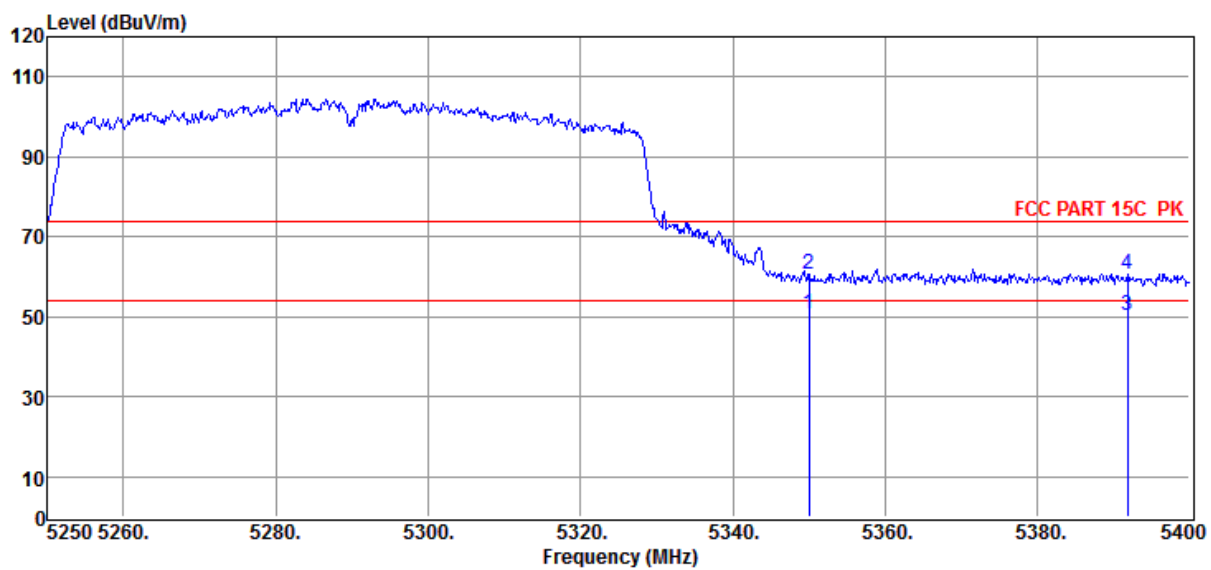
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5290MHz

Data: 175



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.49	33.53	4.58	50.60	54.00	-3.40	Average	VERTICAL
2	5350.00	22.60	33.53	4.58	60.71	74.00	-13.29	Peak	VERTICAL
3	5391.90	11.93	33.61	4.61	50.15	54.00	-3.85	Average	VERTICAL
4	5391.90	22.41	33.61	4.61	60.63	74.00	-13.37	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

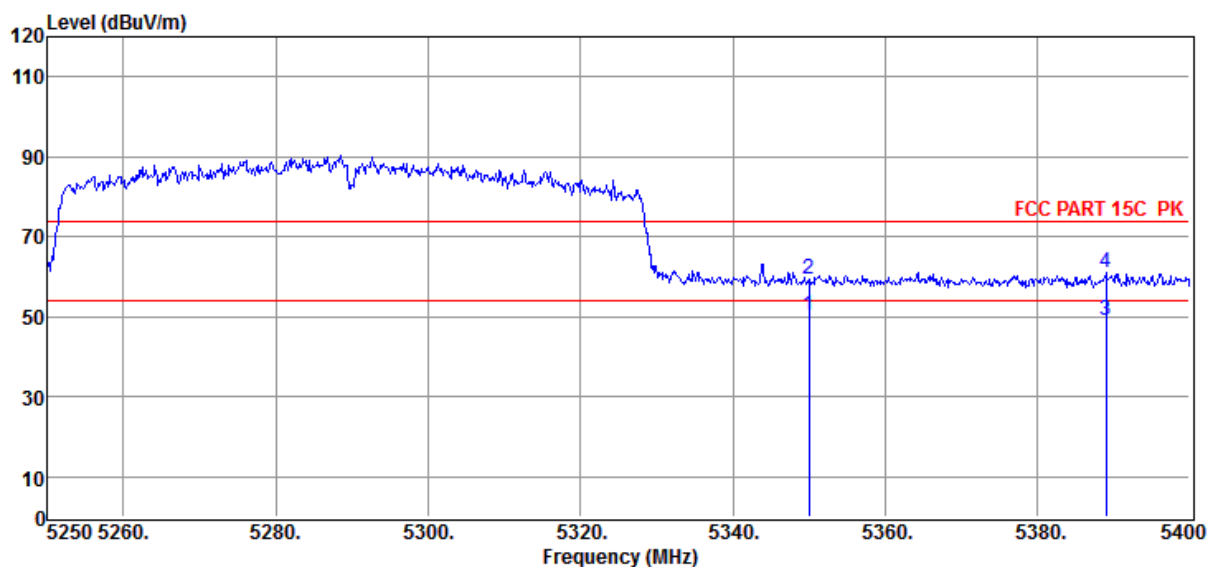
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5290MHz

Data: 176



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.11	33.53	4.58	50.22	54.00	-3.78	Average	HORIZONTAL
2	5350.00	21.25	33.53	4.58	59.36	74.00	-14.64	Peak	HORIZONTAL
3	5389.05	11.06	33.60	4.61	49.27	54.00	-4.73	Average	HORIZONTAL
4	5389.05	22.81	33.60	4.61	61.02	74.00	-12.98	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

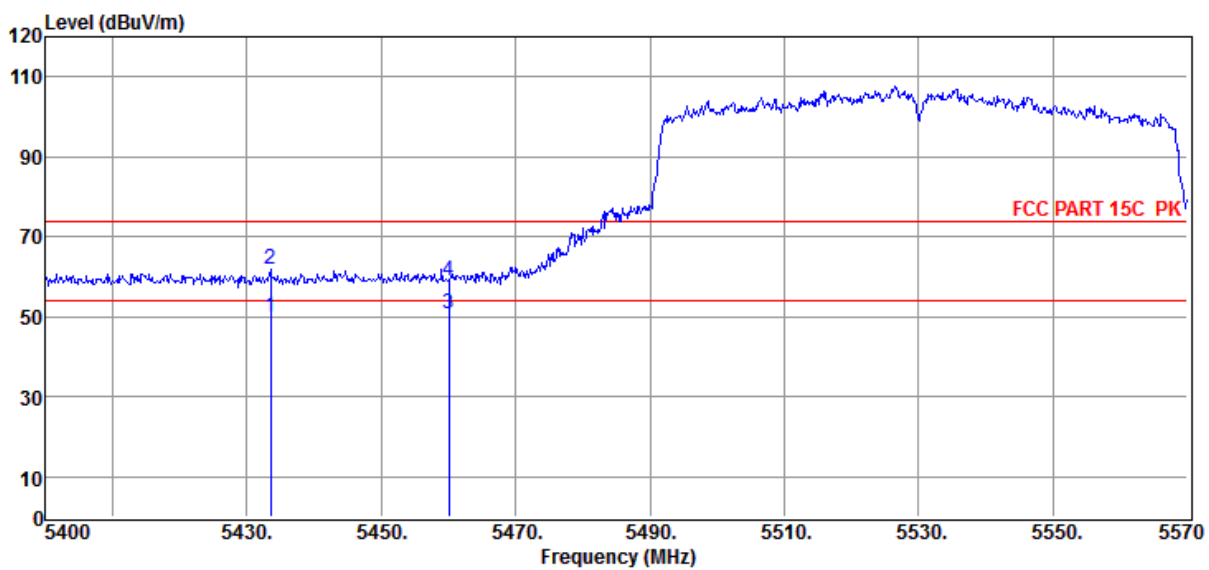
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5530MHz

Data: 177



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5433.49	11.42	33.68	4.66	49.76	54.00	-4.24	Average	VERTICAL
2	5433.49	23.37	33.68	4.66	61.71	74.00	-12.29	Peak	VERTICAL
3	5460.00	12.15	33.73	4.68	50.56	54.00	-3.44	Average	VERTICAL
4	5460.00	20.61	33.73	4.68	59.02	74.00	-14.98	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

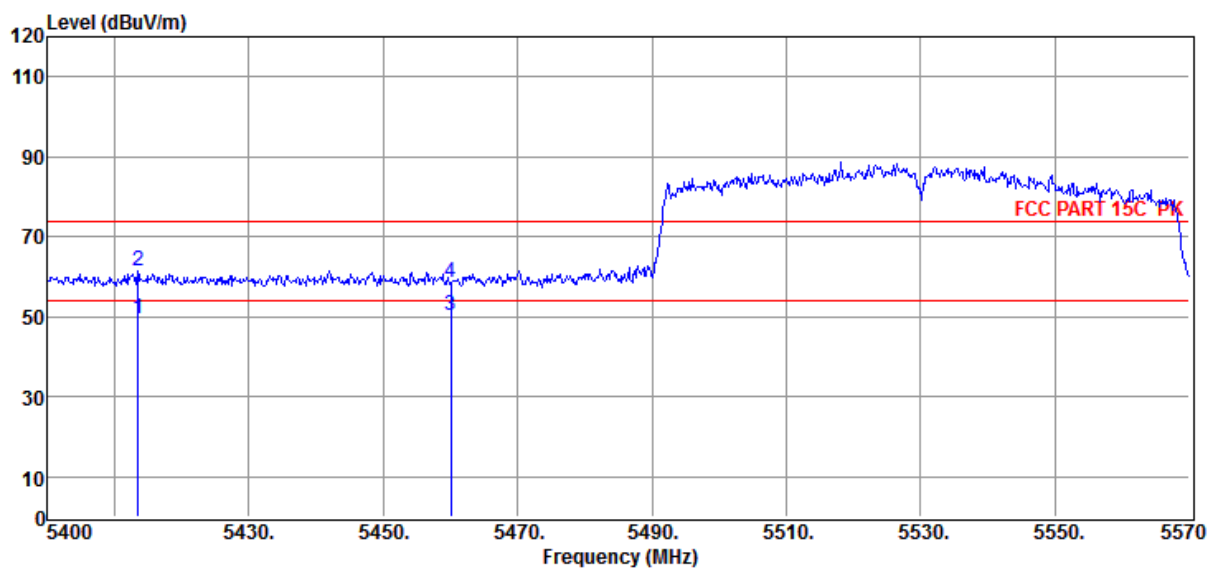
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5530MHz

Data: 178



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5413.43	11.08	33.64	4.63	49.35	54.00	-4.65	Average	HORIZONTAL
2	5413.43	23.00	33.64	4.63	61.27	74.00	-12.73	Peak	HORIZONTAL
3	5460.00	11.87	33.73	4.68	50.28	54.00	-3.72	Average	HORIZONTAL
4	5460.00	20.24	33.73	4.68	58.65	74.00	-15.35	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

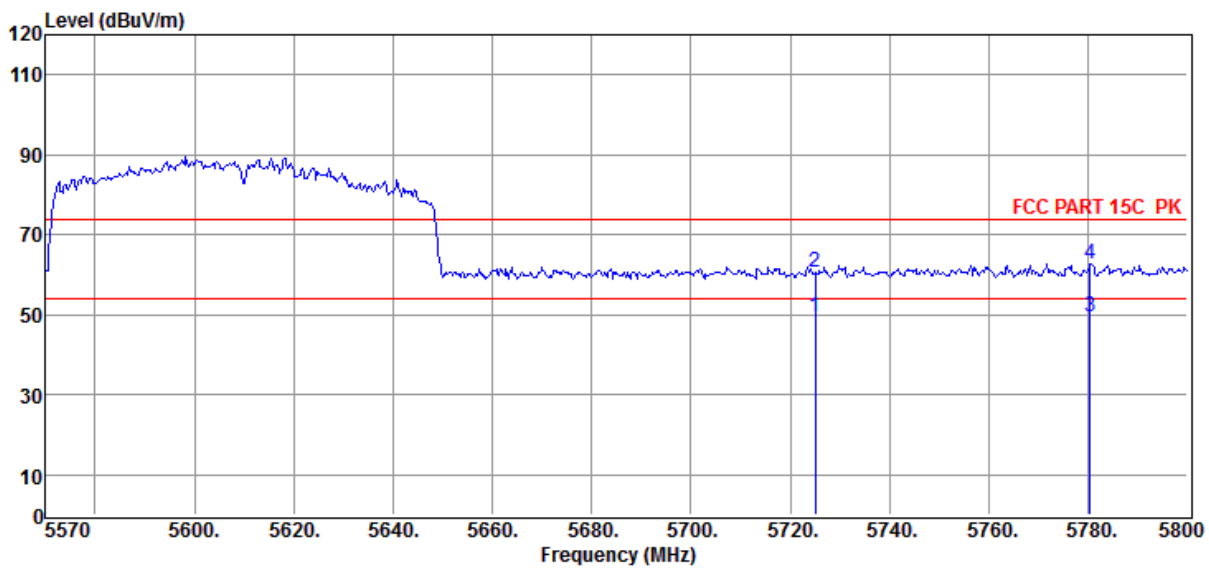
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5610MHz

Data: 179



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	10.29	34.47	4.79	49.55	54.00	-4.45	Average	HORIZONTAL
2	5725.00	21.22	34.47	4.79	60.48	74.00	-13.52	Peak	HORIZONTAL
3	5780.45	10.01	34.64	4.78	49.43	54.00	-4.57	Average	HORIZONTAL
4	5780.45	23.40	34.64	4.78	62.82	74.00	-11.18	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 10-31-2023

Tested By : Sunny

EUT : Wireless Router

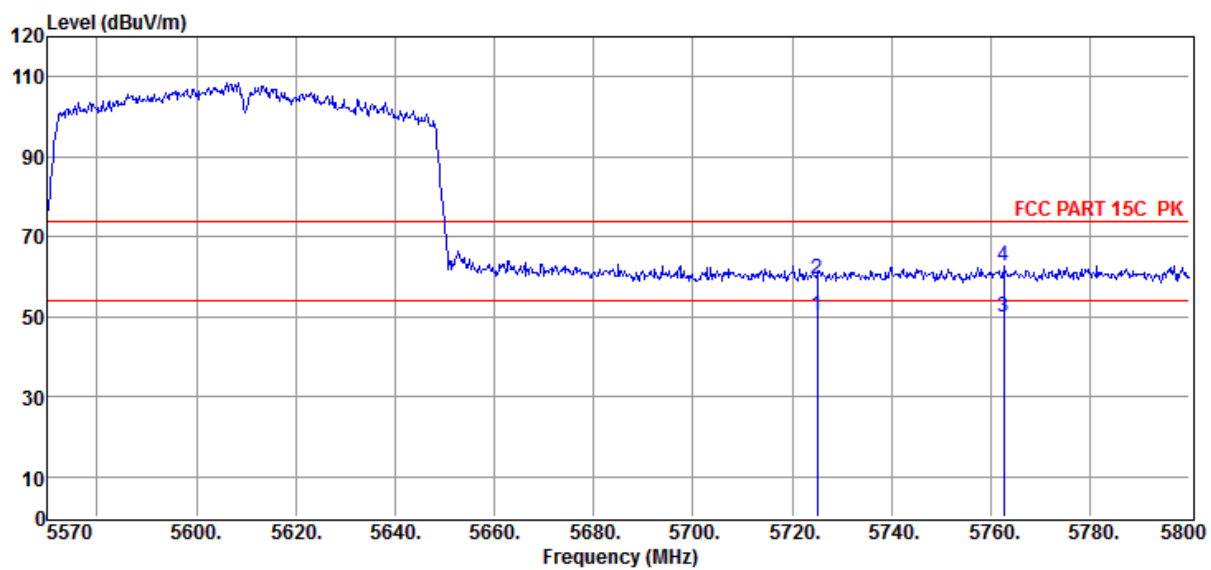
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AC80 MCS0 ANT1+ANT2 5610MHz

Data: 180



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.13	34.47	4.79	50.39	54.00	-3.61	Average	VERTICAL
2	5725.00	20.20	34.47	4.79	59.46	74.00	-14.54	Peak	VERTICAL
3	5762.51	10.64	34.59	4.78	50.01	54.00	-3.99	Average	VERTICAL
4	5762.51	23.27	34.59	4.78	62.64	74.00	-11.36	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

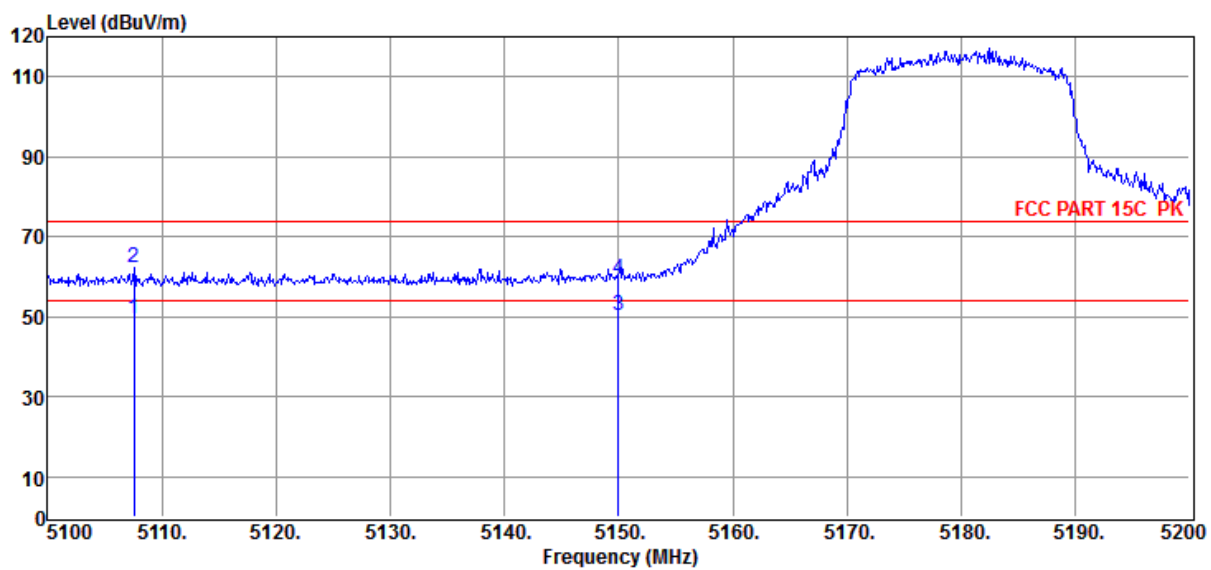
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5180MHz

Data: 181



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5107.60	11.77	33.09	4.50	49.36	54.00	-4.64	Average	VERTICAL
2	5107.60	24.48	33.09	4.50	62.07	74.00	-11.93	Peak	VERTICAL
3	5150.00	12.52	33.17	4.49	50.18	54.00	-3.82	Average	VERTICAL
4	5150.00	21.72	33.17	4.49	59.38	74.00	-14.62	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

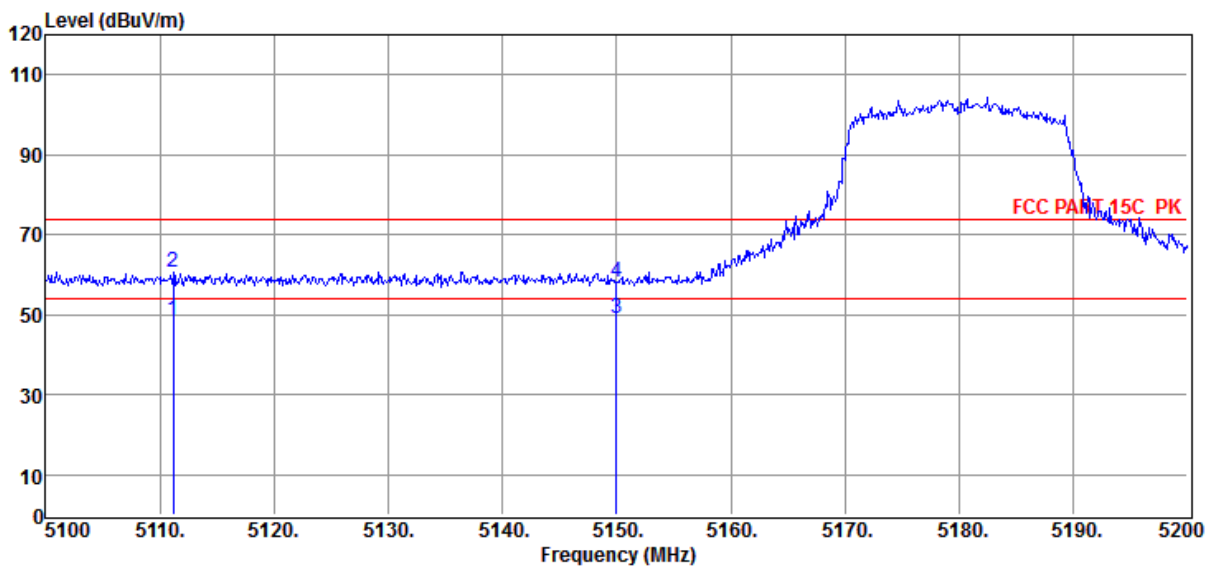
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5180MHz

Data: 182



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5111.20	11.21	33.10	4.50	48.81	54.00	-5.19	Average	HORIZONTAL
2	5111.20	23.15	33.10	4.50	60.75	74.00	-13.25	Peak	HORIZONTAL
3	5150.00	11.34	33.17	4.49	49.00	54.00	-5.00	Average	HORIZONTAL
4	5150.00	20.47	33.17	4.49	58.13	74.00	-15.87	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

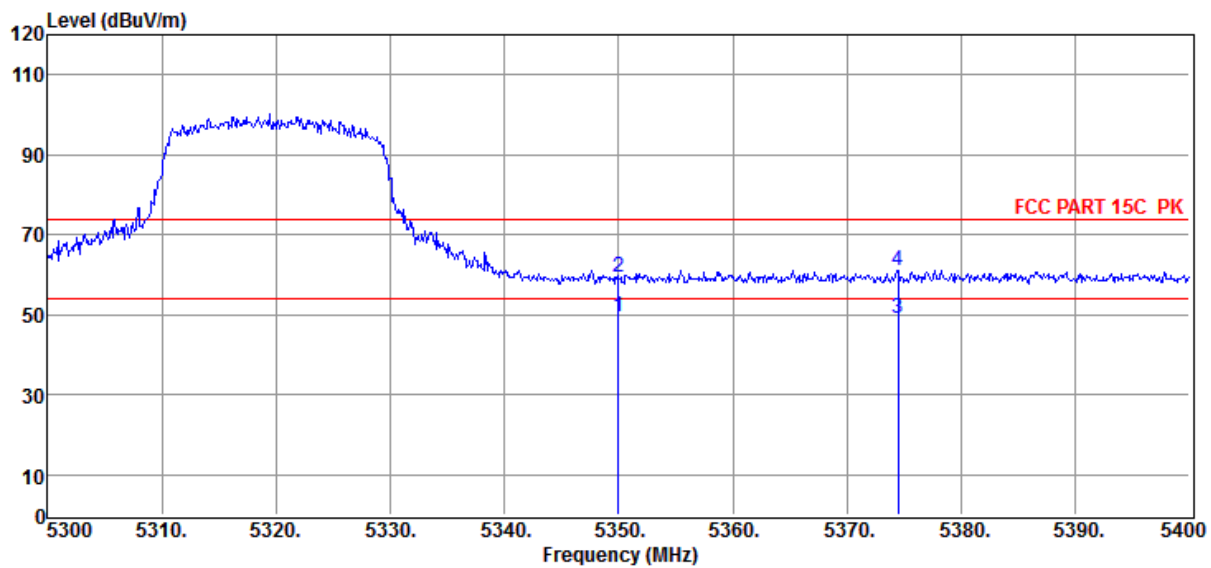
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5320MHz

Data: 183



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.17	33.53	4.58	49.28	54.00	-4.72	Average	HORIZONTAL
2	5350.00	21.26	33.53	4.58	59.37	74.00	-14.63	Peak	HORIZONTAL
3	5374.50	11.03	33.57	4.60	49.20	54.00	-4.80	Average	HORIZONTAL
4	5374.50	22.84	33.57	4.60	61.01	74.00	-12.99	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

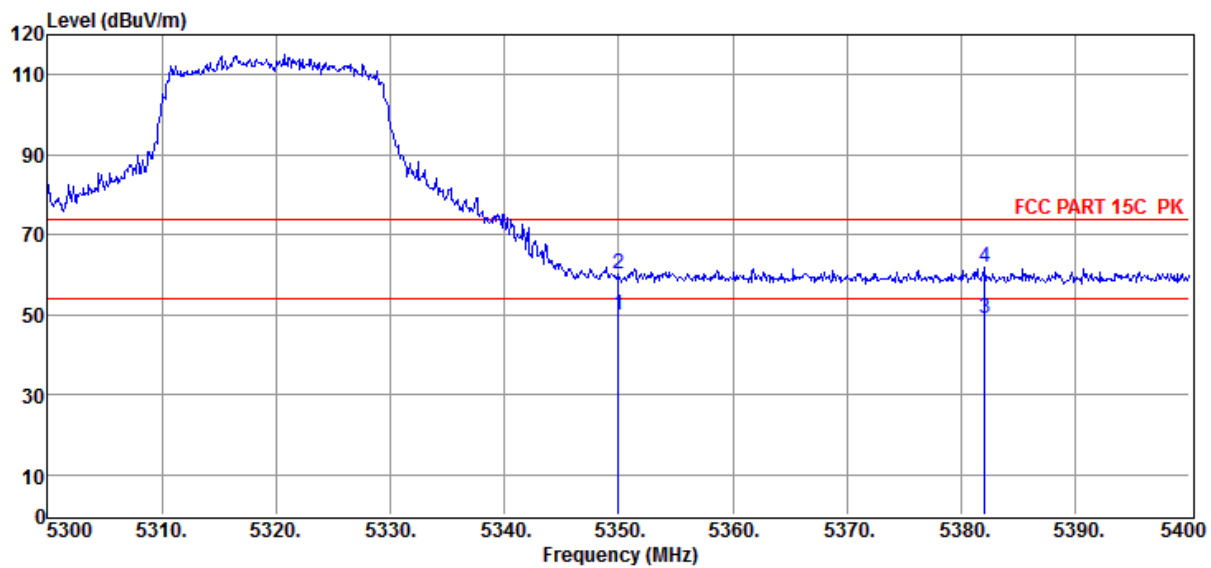
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5320MHz

Data: 184



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.61	33.53	4.58	49.72	54.00	-4.28	Average	VERTICAL
2	5350.00	22.02	33.53	4.58	60.13	74.00	-13.87	Peak	VERTICAL
3	5382.10	11.04	33.59	4.61	49.24	54.00	-4.76	Average	VERTICAL
4	5382.10	23.47	33.59	4.61	61.67	74.00	-12.33	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

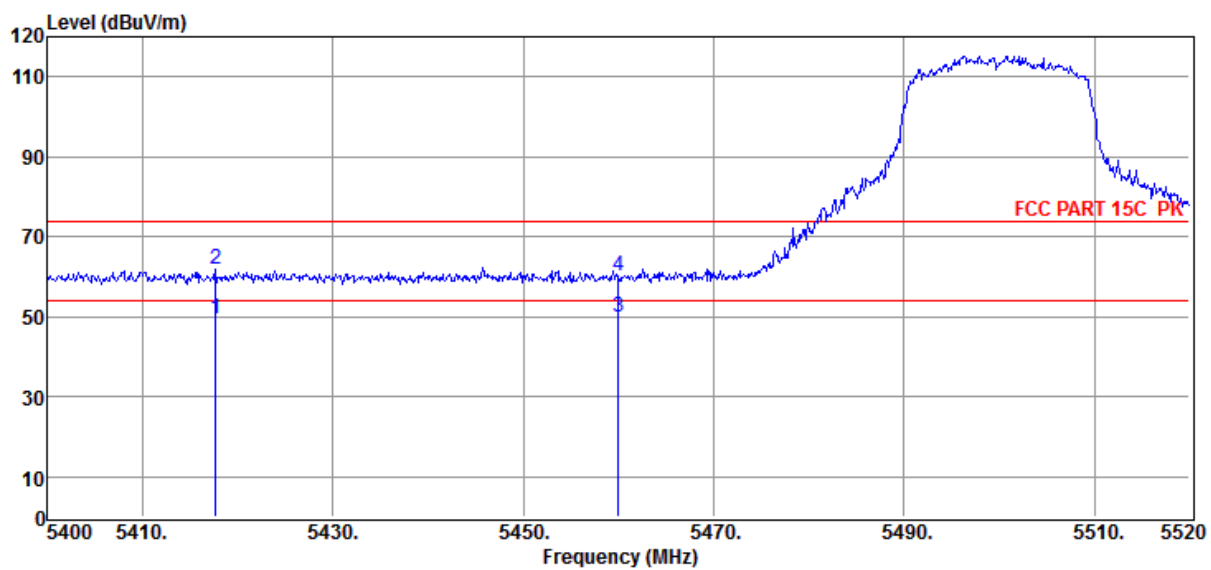
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5500MHZ

Data: 185



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5417.64	11.15	33.65	4.64	49.44	54.00	-4.56	Average	VERTICAL
2	5417.64	23.49	33.65	4.64	61.78	74.00	-12.22	Peak	VERTICAL
3	5460.00	11.68	33.73	4.68	50.09	54.00	-3.91	Average	VERTICAL
4	5460.00	21.68	33.73	4.68	60.09	74.00	-13.91	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

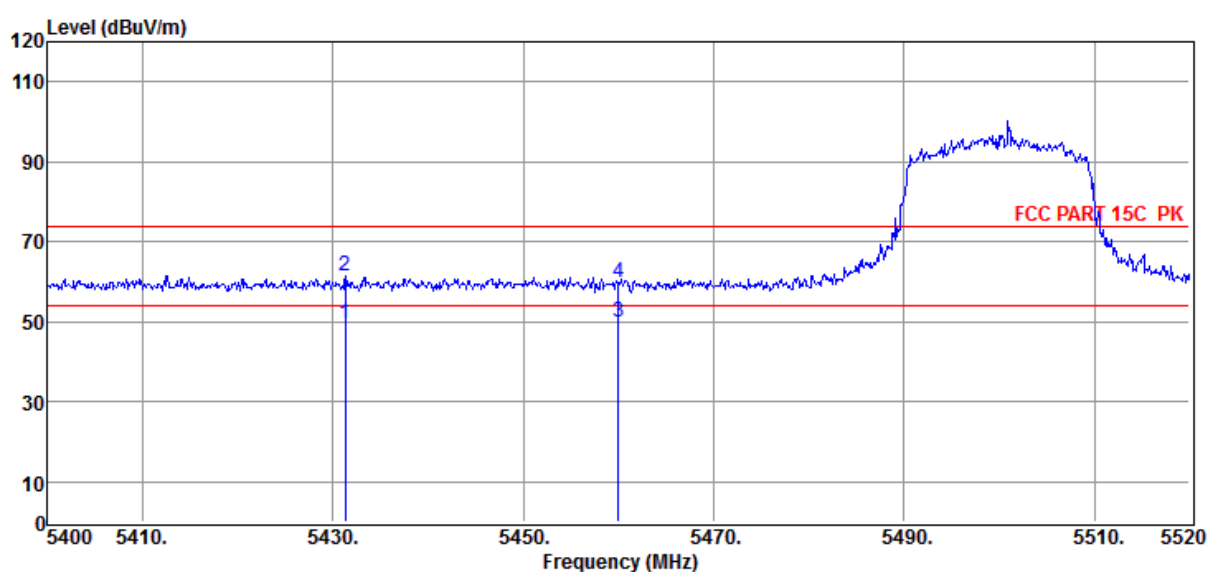
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5500MHZ

Data: 186



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5431.32	11.13	33.68	4.65	49.46	54.00	-4.54	Average	HORIZONTAL
2	5431.32	23.28	33.68	4.65	61.61	74.00	-12.39	Peak	HORIZONTAL
3	5460.00	11.36	33.73	4.68	49.77	54.00	-4.23	Average	HORIZONTAL
4	5460.00	21.31	33.73	4.68	59.72	74.00	-14.28	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

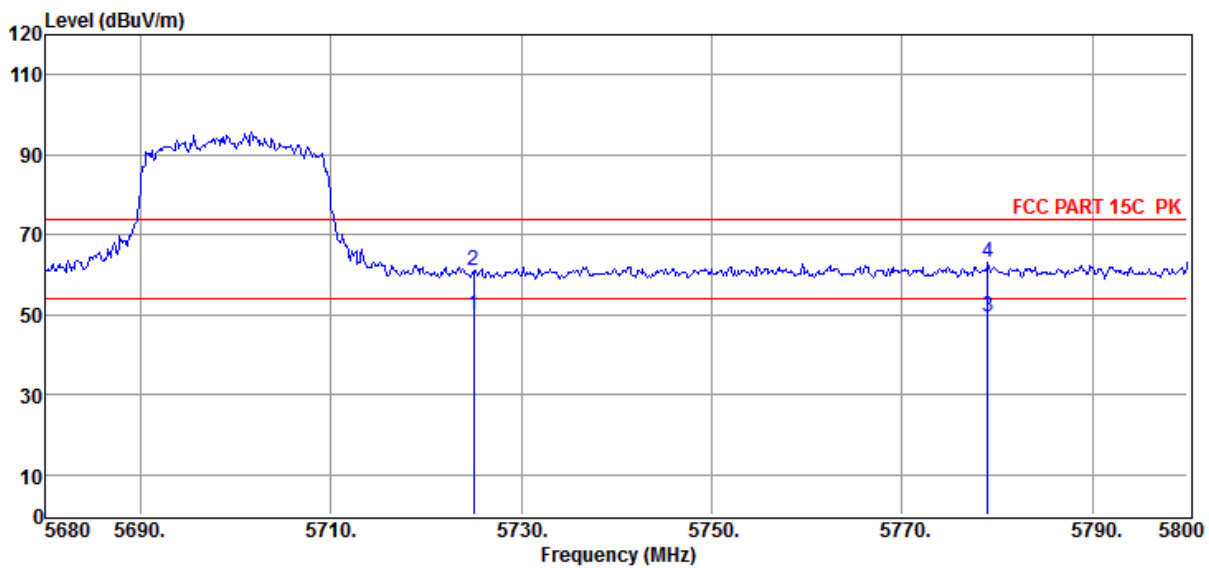
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5700MHz

Data: 187



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	10.50	34.47	4.79	49.76	54.00	-4.24	Average	HORIZONTAL
2	5725.00	21.57	34.47	4.79	60.83	74.00	-13.17	Peak	HORIZONTAL
3	5779.00	9.97	34.64	4.78	49.39	54.00	-4.61	Average	HORIZONTAL
4	5779.00	23.86	34.64	4.78	63.28	74.00	-10.72	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

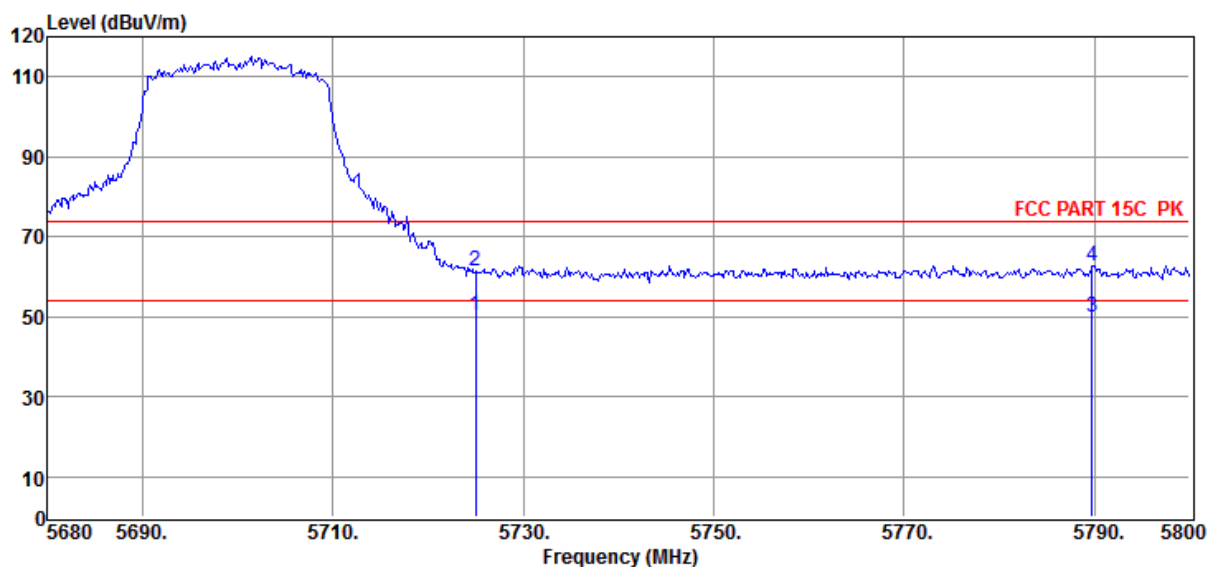
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5700MHz

Data: 188



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.03	34.47	4.79	50.29	54.00	-3.71	Average	VERTICAL
2	5725.00	21.98	34.47	4.79	61.24	74.00	-12.76	Peak	VERTICAL
3	5789.80	10.36	34.67	4.77	49.80	54.00	-4.20	Average	VERTICAL
4	5789.80	23.25	34.67	4.77	62.69	74.00	-11.31	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

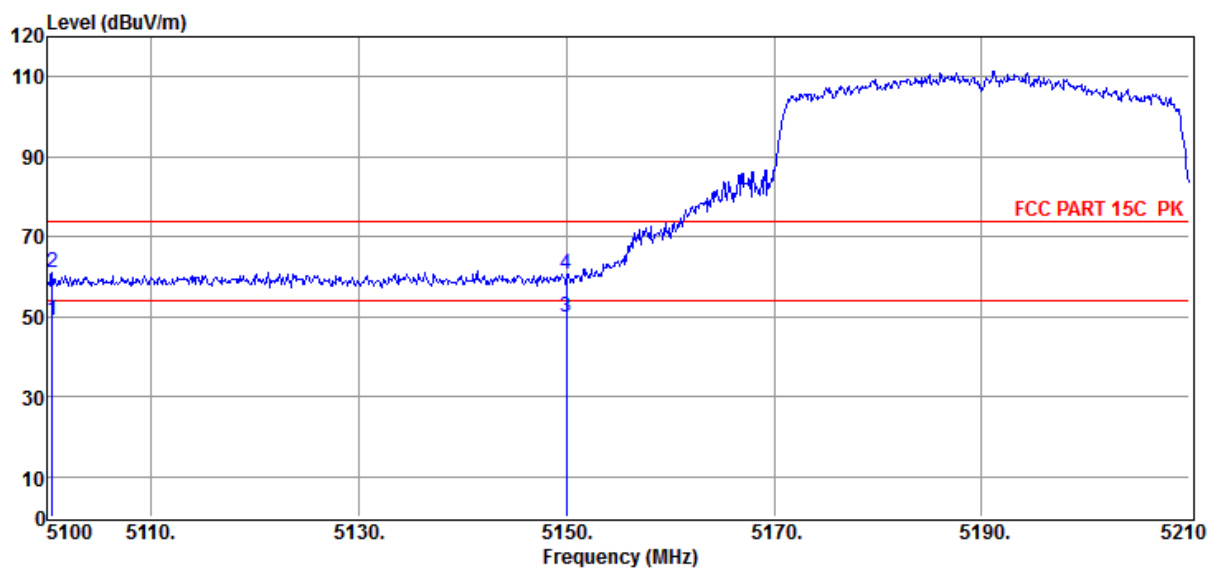
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5190MHz

Data: 189



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5100.44	11.69	33.08	4.50	49.27	54.00	-4.73	Average	VERTICAL
2	5100.44	23.27	33.08	4.50	60.85	74.00	-13.15	Peak	VERTICAL
3	5150.00	12.23	33.17	4.49	49.89	54.00	-4.11	Average	VERTICAL
4	5150.00	22.91	33.17	4.49	60.57	74.00	-13.43	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

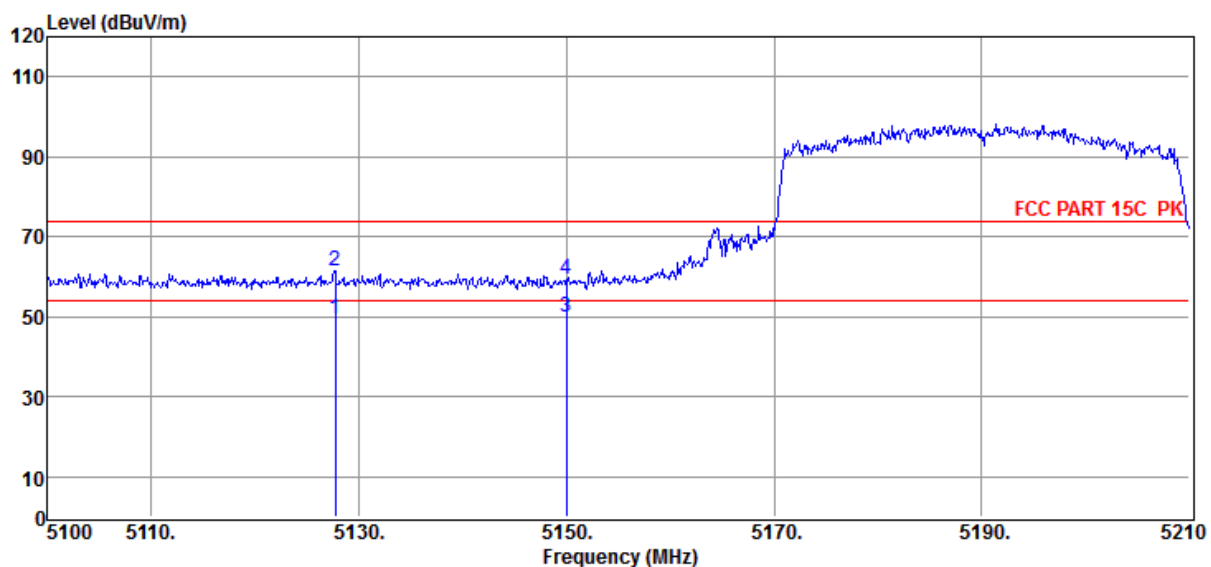
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5190MHz

Data: 190



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5127.72	11.88	33.13	4.50	49.51	54.00	-4.49	Average	VERTICAL
2	5127.72	24.02	33.13	4.50	61.65	74.00	-12.35	Peak	HORIZONTAL
3	5150.00	12.10	33.17	4.49	49.76	54.00	-4.24	Average	HORIZONTAL
4	5150.00	21.61	33.17	4.49	59.27	74.00	-14.73	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

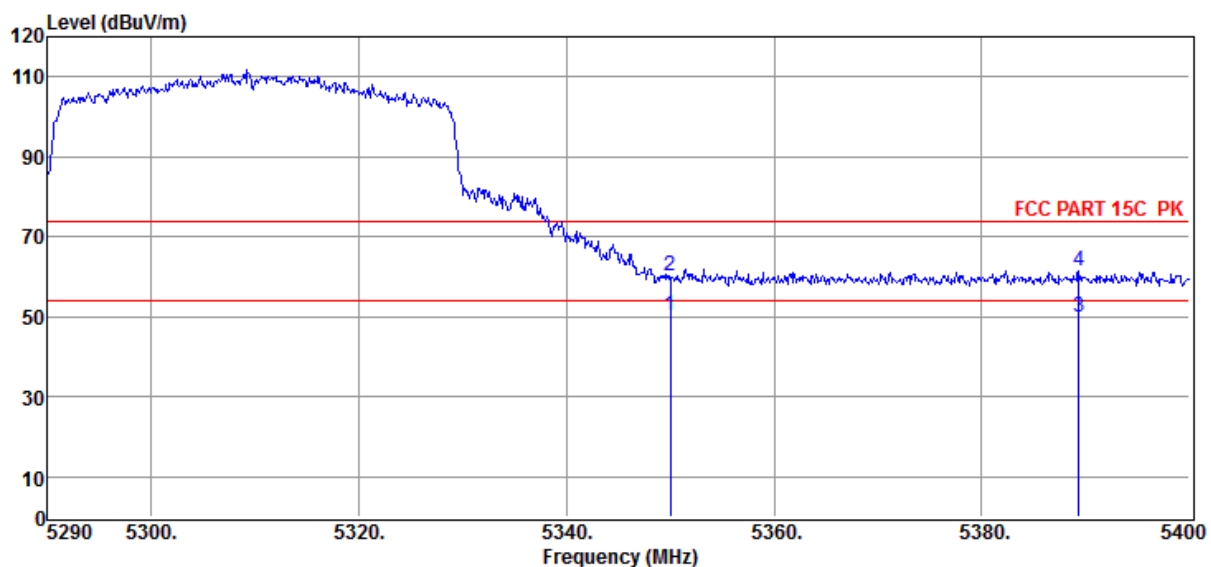
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5310MHz

Data: 191



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.39	33.53	4.58	50.50	54.00	-3.50	Average	VERTICAL
2	5350.00	21.95	33.53	4.58	60.06	74.00	-13.94	Peak	VERTICAL
3	5389.33	11.79	33.60	4.61	50.00	54.00	-4.00	Average	VERTICAL
4	5389.33	23.24	33.60	4.61	61.45	74.00	-12.55	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

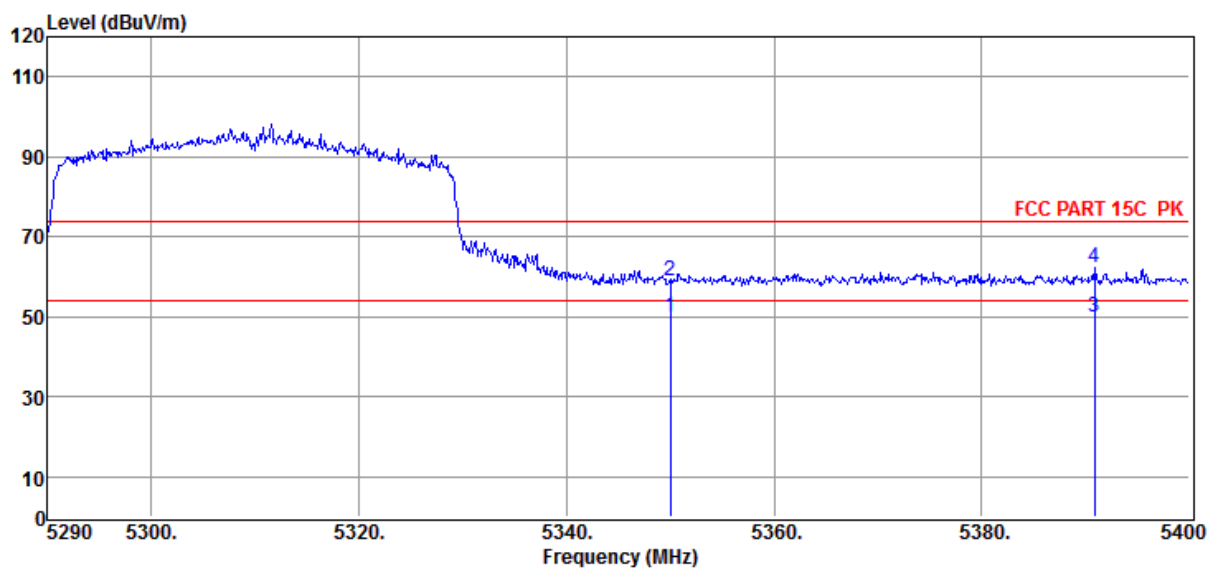
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5310MHz

Data: 192



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	11.96	33.53	4.58	50.07	54.00	-3.93	Average	HORIZONTAL
2	5350.00	21.00	33.53	4.58	59.11	74.00	-14.89	Peak	HORIZONTAL
3	5390.87	11.49	33.60	4.61	49.70	54.00	-4.30	Average	HORIZONTAL
4	5390.87	23.87	33.60	4.61	62.08	74.00	-11.92	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

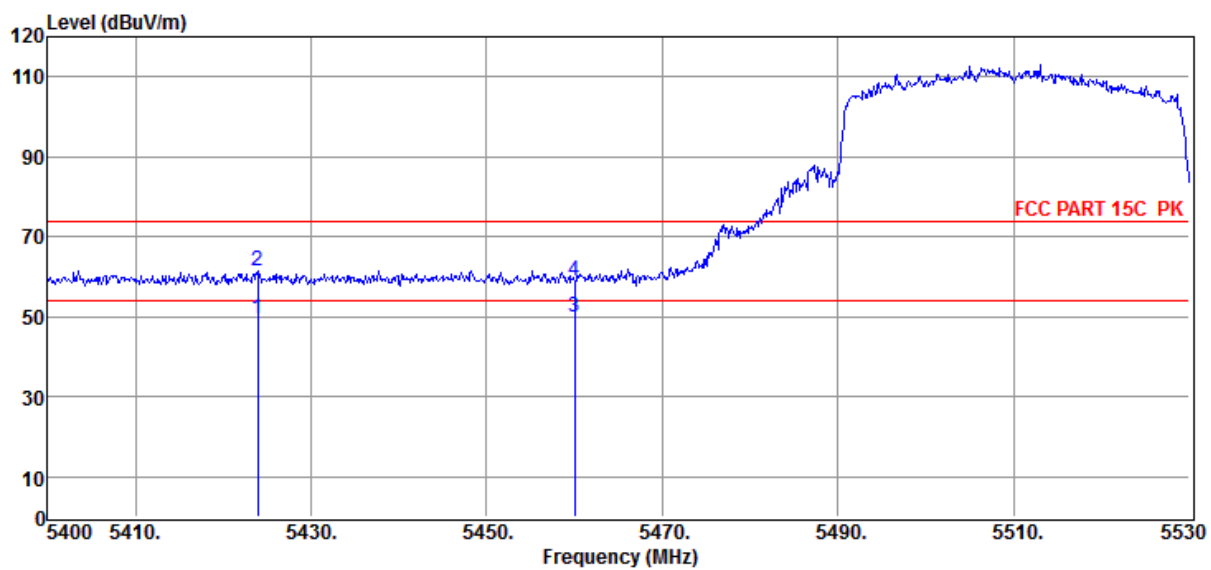
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5510MHz

Data: 193



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5423.92	11.18	33.66	4.65	49.49	54.00	-4.51	Average	VERTICAL
2	5423.92	23.29	33.66	4.65	61.60	74.00	-12.40	Peak	VERTICAL
3	5460.00	11.47	33.73	4.68	49.88	54.00	-4.12	Average	VERTICAL
4	5460.00	20.38	33.73	4.68	58.79	74.00	-15.21	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

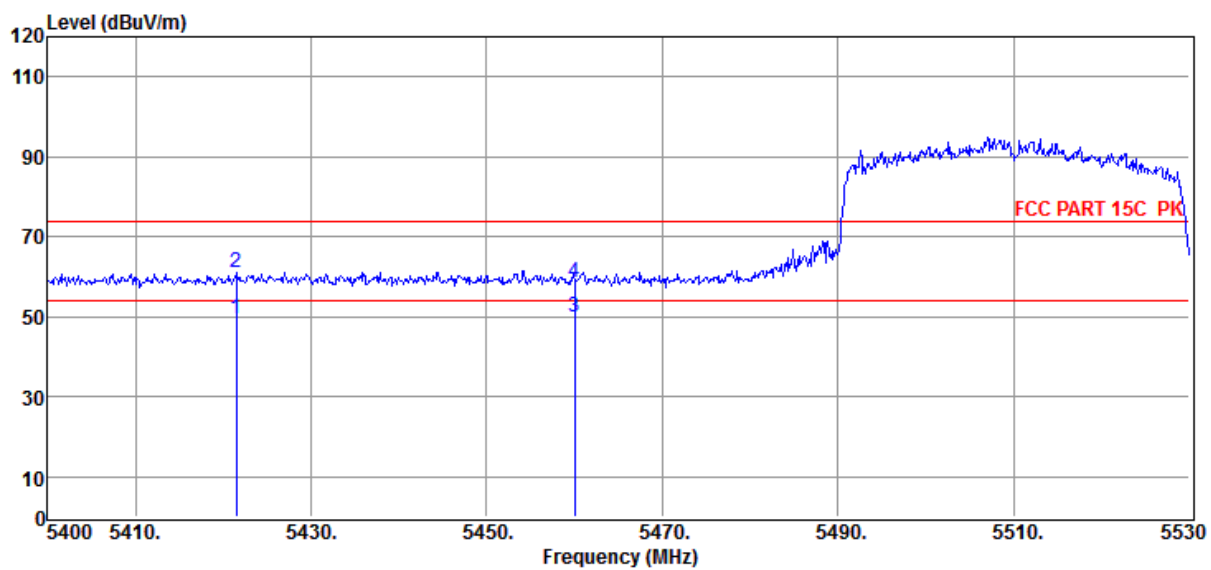
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5510MHz

Data: 194



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5421.45	11.05	33.66	4.64	49.35	54.00	-4.65	Average	HORIZONTAL
2	5421.45	22.83	33.66	4.64	61.13	74.00	-12.87	Peak	HORIZONTAL
3	5460.00	11.40	33.73	4.68	49.81	54.00	-4.19	Average	HORIZONTAL
4	5460.00	20.11	33.73	4.68	58.52	74.00	-15.48	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

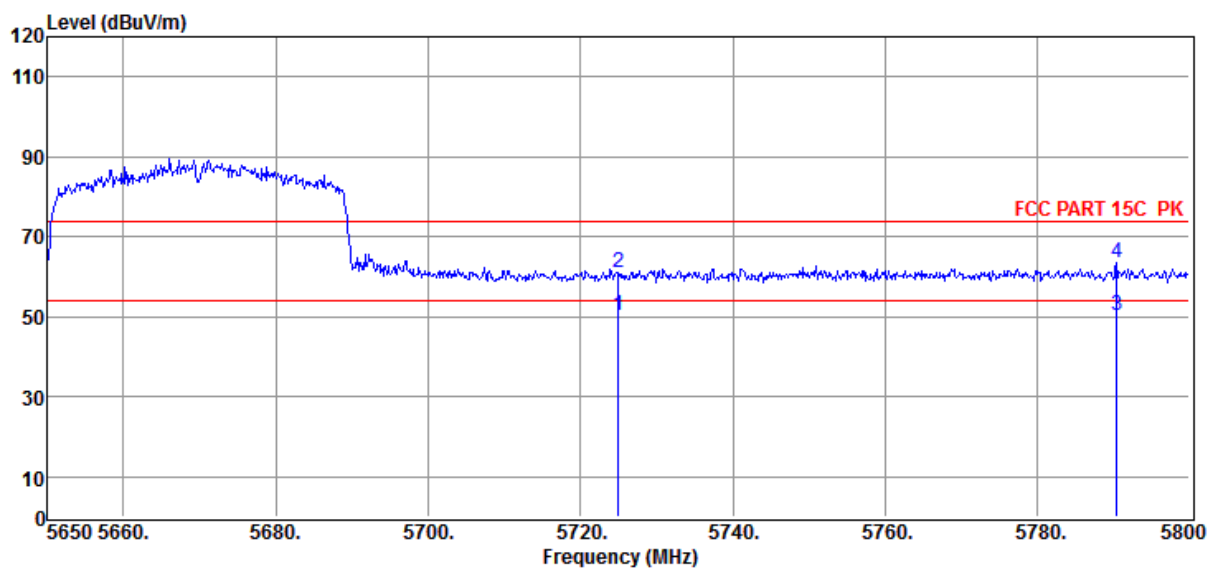
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5670MHz

Data: 195



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.24	34.47	4.79	50.50	54.00	-3.50	Average	HORIZONTAL
2	5725.00	21.69	34.47	4.79	60.95	74.00	-13.05	Peak	HORIZONTAL
3	5790.40	11.06	34.67	4.77	50.50	54.00	-3.50	Average	HORIZONTAL
4	5790.40	24.01	34.67	4.77	63.45	74.00	-10.55	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

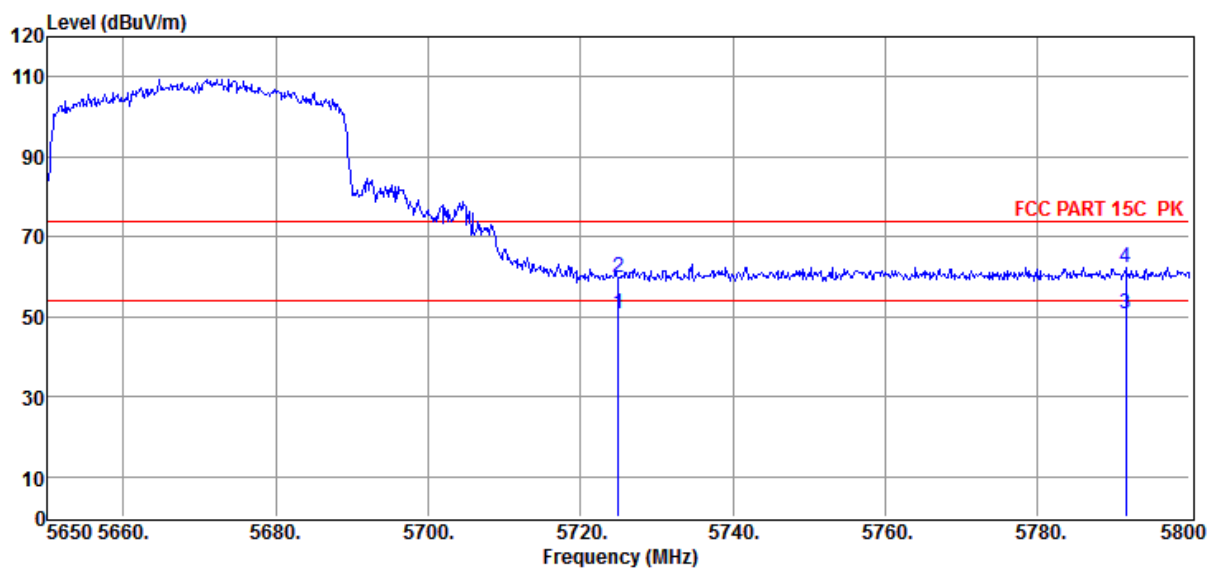
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX40 MCS0 ANT1+ANT2 5670MHz

Data: 196



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.49	34.47	4.79	50.75	54.00	-3.25	Average	VERTICAL
2	5725.00	20.72	34.47	4.79	59.98	74.00	-14.02	Peak	VERTICAL
3	5791.60	11.17	34.67	4.77	50.61	54.00	-3.39	Average	VERTICAL
4	5791.60	22.95	34.67	4.77	62.39	74.00	-11.61	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

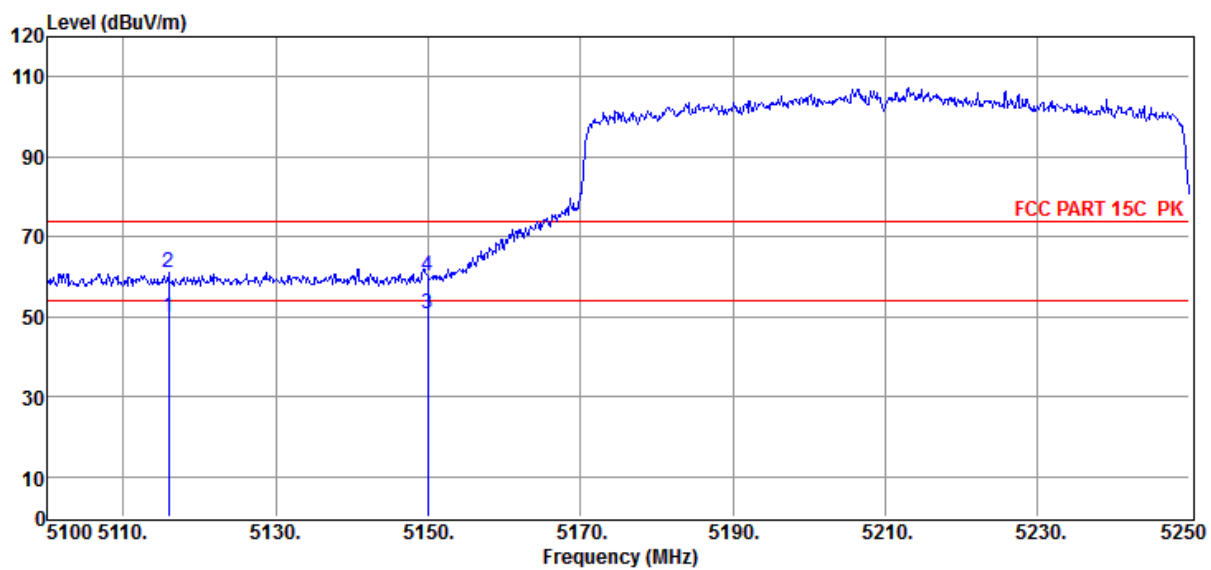
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5210MHz

Data: 197



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5115.90	12.24	33.11	4.50	49.85	54.00	-4.15	Average	VERTICAL
2	5115.90	23.28	33.11	4.50	60.89	74.00	-13.11	Peak	VERTICAL
3	5150.00	12.86	33.17	4.49	50.52	54.00	-3.48	Average	VERTICAL
4	5150.00	22.39	33.17	4.49	60.05	74.00	-13.95	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

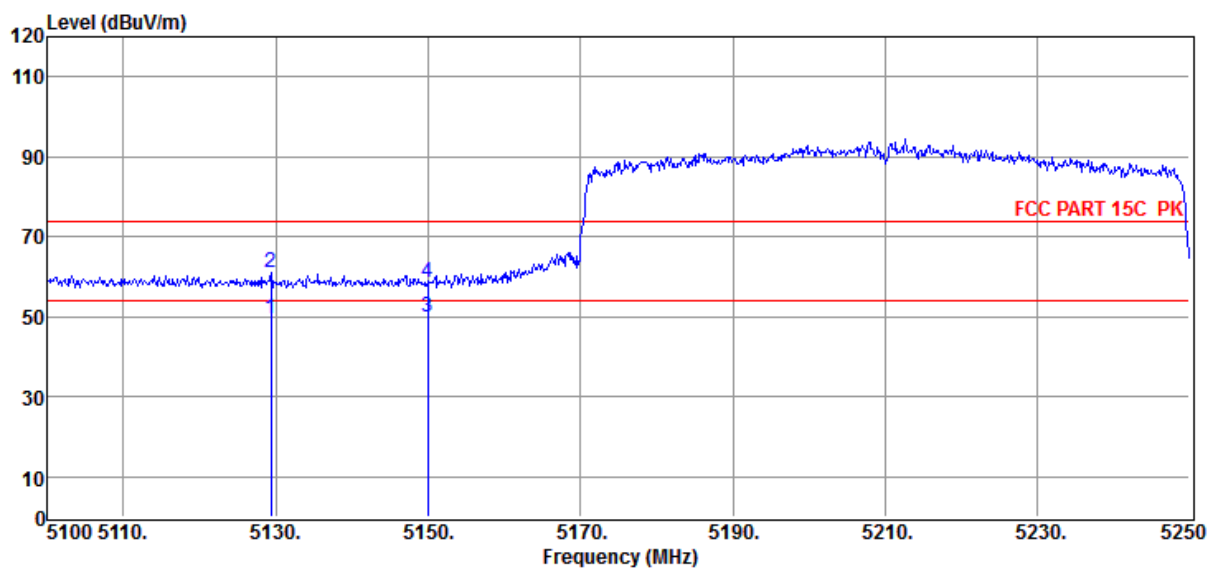
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5210MHz

Data: 198



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5129.40	11.78	33.13	4.49	49.40	54.00	-4.60	Average	HORIZONTAL
2	5129.40	23.29	33.13	4.49	60.91	74.00	-13.09	Peak	HORIZONTAL
3	5150.00	12.28	33.17	4.49	49.94	54.00	-4.06	Average	HORIZONTAL
4	5150.00	20.97	33.17	4.49	58.63	74.00	-15.37	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

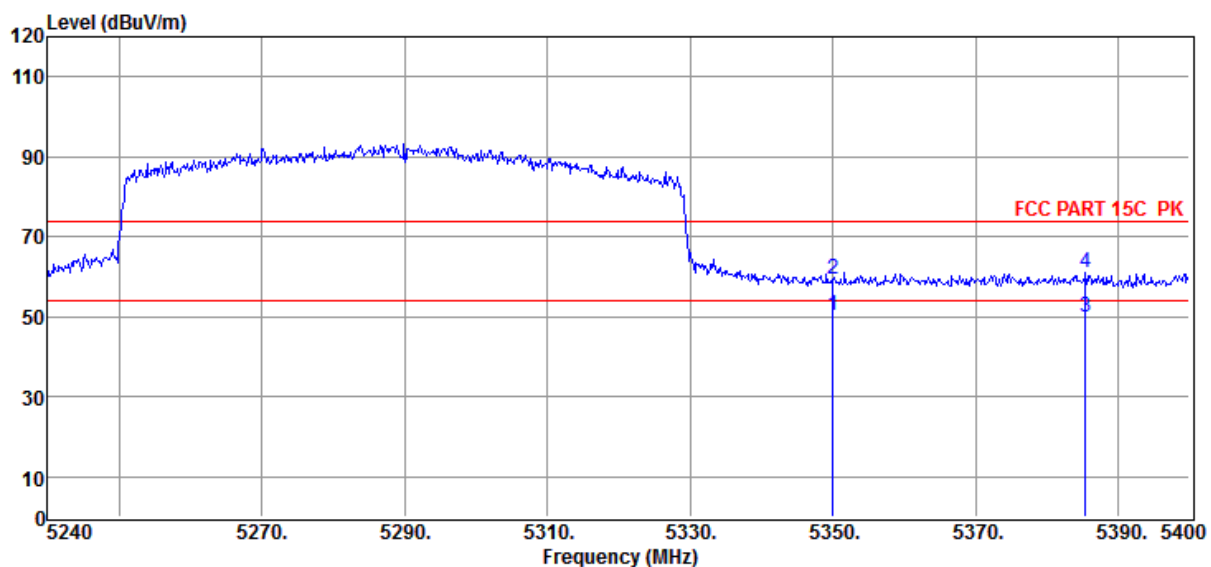
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5290MHz

Data: 199



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.06	33.53	4.58	50.17	54.00	-3.83	Average	HORIZONTAL
2	5350.00	21.33	33.53	4.58	59.44	74.00	-14.56	Peak	HORIZONTAL
3	5385.44	11.72	33.59	4.61	49.92	54.00	-4.08	Average	HORIZONTAL
4	5385.44	22.83	33.59	4.61	61.03	74.00	-12.97	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

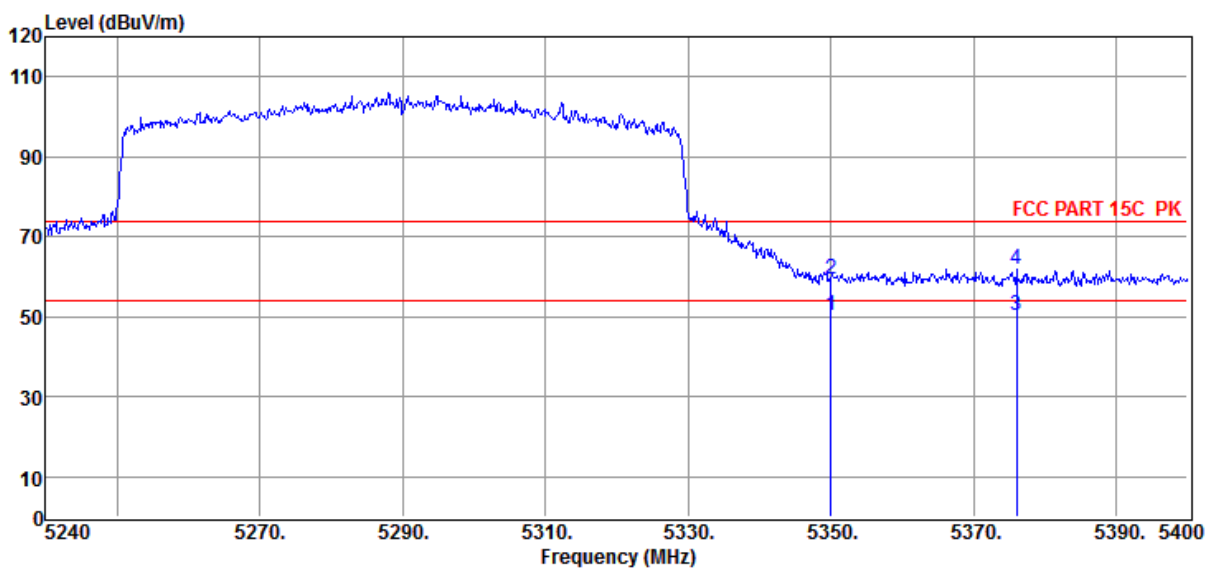
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5290MHz

Data: 200



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	12.35	33.53	4.58	50.46	54.00	-3.54	Average	VERTICAL
2	5350.00	21.32	33.53	4.58	59.43	74.00	-14.57	Peak	VERTICAL
3	5376.00	11.94	33.58	4.60	50.12	54.00	-3.88	Average	VERTICAL
4	5376.00	23.61	33.58	4.60	61.79	74.00	-12.21	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

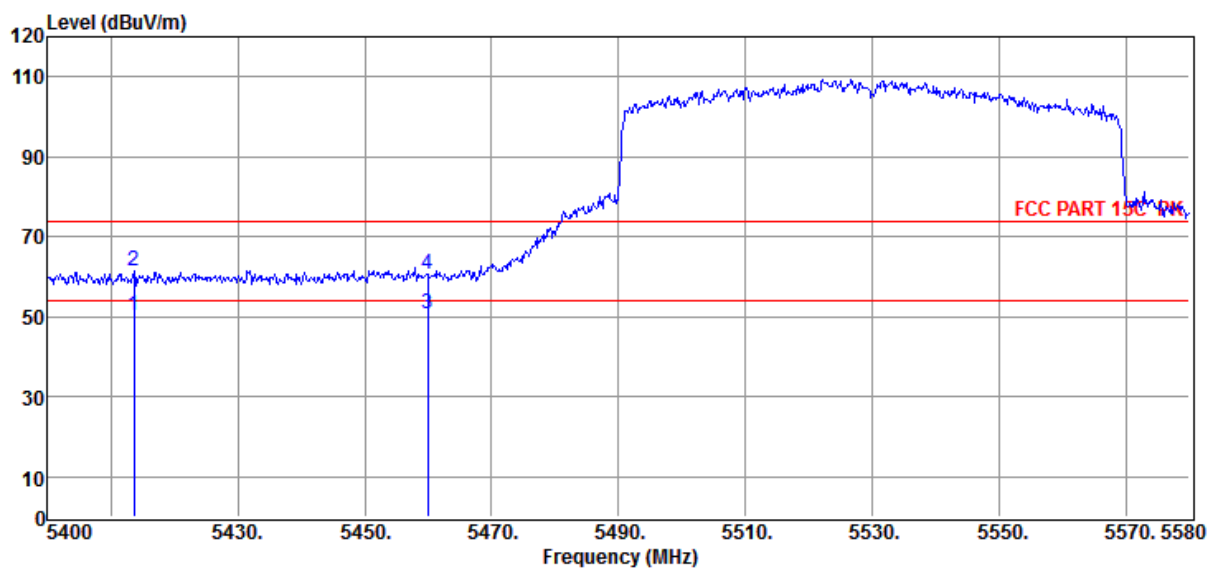
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5530MHz

Data: 201



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5413.68	11.89	33.64	4.63	50.16	54.00	-3.84	Average	VERTICAL
2	5413.68	23.19	33.64	4.63	61.46	74.00	-12.54	Peak	VERTICAL
3	5460.00	12.13	33.73	4.68	50.54	54.00	-3.46	Average	VERTICAL
4	5460.00	22.29	33.73	4.68	60.70	74.00	-13.30	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

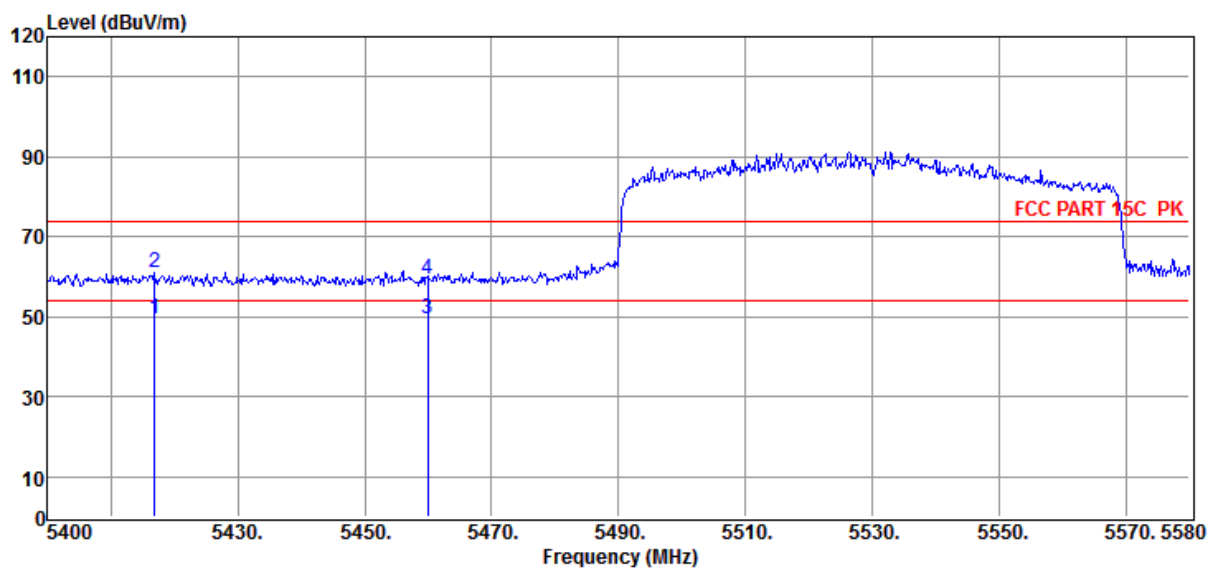
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5530MHz

Data: 202



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5416.92	11.24	33.65	4.64	49.53	54.00	-4.47	Average	HORIZONTAL
2	5416.92	22.69	33.65	4.64	60.98	74.00	-13.02	Peak	HORIZONTAL
3	5460.00	11.14	33.73	4.68	49.55	54.00	-4.45	Average	HORIZONTAL
4	5460.00	20.88	33.73	4.68	59.29	74.00	-14.71	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

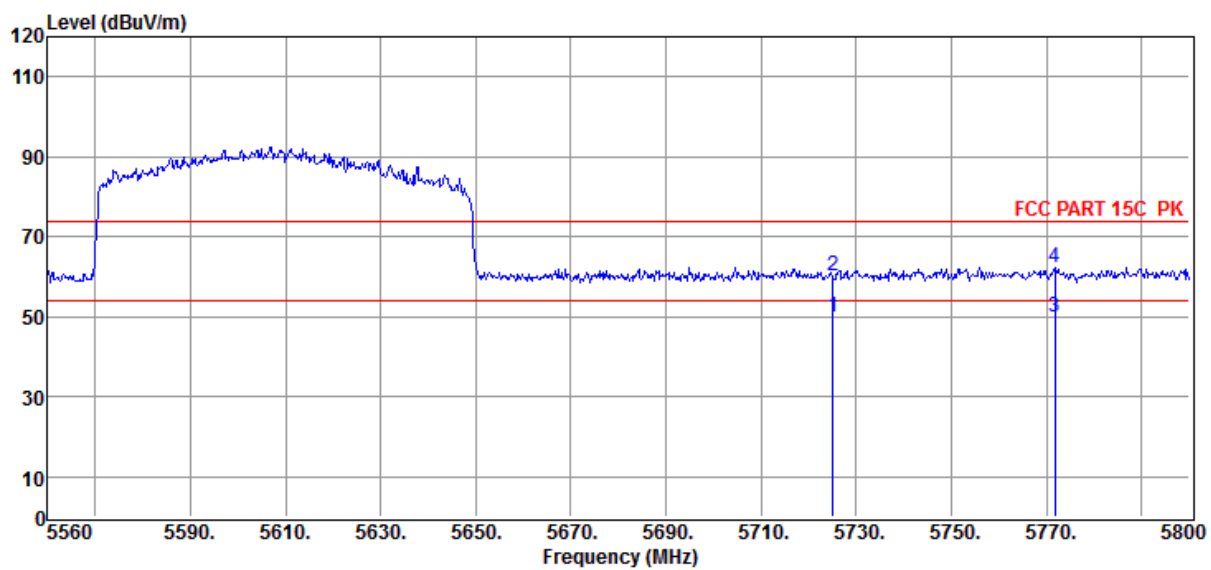
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5610MHz

Data: 203



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	10.74	34.47	4.79	50.00	54.00	-4.00	Average	HORIZONTAL
2	5725.00	20.87	34.47	4.79	60.13	74.00	-13.87	Peak	HORIZONTAL
3	5771.68	10.44	34.62	4.78	49.84	54.00	-4.16	Average	HORIZONTAL
4	5771.68	22.72	34.62	4.78	62.12	74.00	-11.88	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

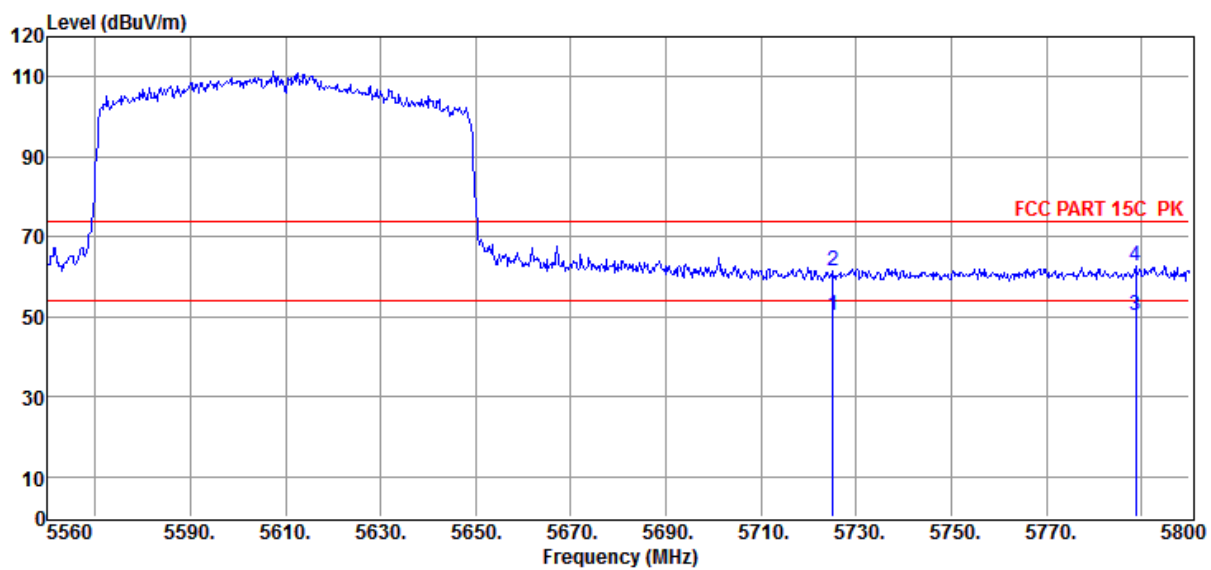
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX80 MCS0 ANT1+ANT2 5610MHz

Data: 204



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	11.07	34.47	4.79	50.33	54.00	-3.67	Average	VERTICAL
2	5725.00	22.23	34.47	4.79	61.49	74.00	-12.51	Peak	VERTICAL
3	5788.72	10.87	34.67	4.77	50.31	54.00	-3.69	Average	VERTICAL
4	5788.72	23.40	34.67	4.77	62.84	74.00	-11.16	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-03-2023

Tested By : Sunny

EUT : Wireless Router

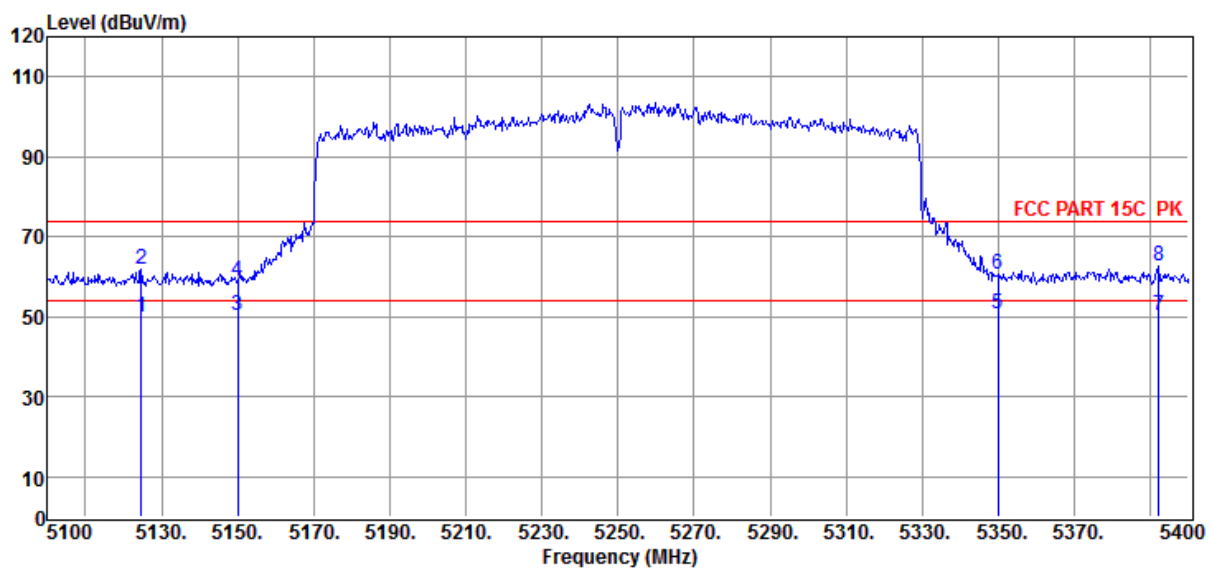
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX160 MCS0 ANT1+ANT2 5250MHz

Data: 255



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5124.60	12.17	33.12	4.50	49.79	54.00	-4.21	Average	VERTICAL
2	5124.60	24.14	33.12	4.50	61.76	74.00	-12.24	Peak	VERTICAL
3	5150.00	12.58	33.17	4.49	50.24	54.00	-3.76	Average	VERTICAL
4	5150.00	21.48	33.17	4.49	59.14	74.00	-14.86	Peak	VERTICAL
5	5350.00	12.67	33.53	4.58	50.78	54.00	-3.22	Average	VERTICAL
6	5350.00	22.48	33.53	4.58	60.59	74.00	-13.41	Peak	VERTICAL
7	5392.20	12.23	33.61	4.61	50.45	54.00	-3.55	Average	VERTICAL
8	5392.20	24.47	33.61	4.61	62.69	74.00	-11.31	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-03-2023

Tested By : Sunny

EUT : Wireless Router

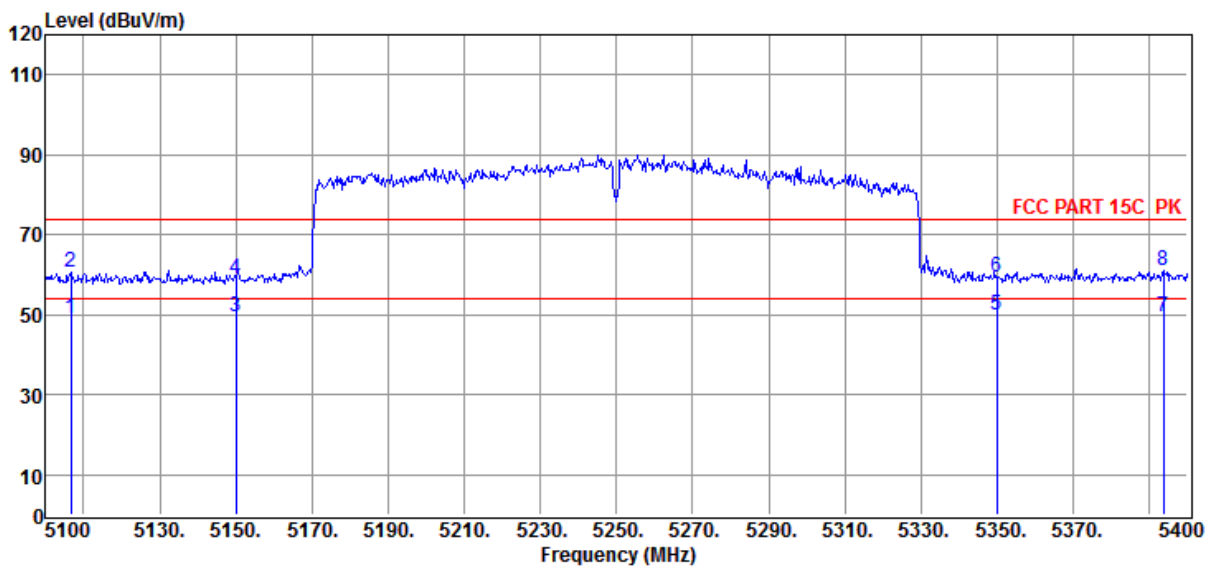
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX160 MCS0 ANT1+ANT2 5250MHz

Data: 256



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5106.60	11.47	33.09	4.50	49.06	54.00	-4.94	Average	HORIZONTAL
2	5106.60	23.20	33.09	4.50	60.79	74.00	-13.21	Peak	HORIZONTAL
3	5150.00	11.73	33.17	4.49	49.39	54.00	-4.61	Average	HORIZONTAL
4	5150.00	21.41	33.17	4.49	59.07	74.00	-14.93	Peak	HORIZONTAL
5	5350.00	11.69	33.53	4.58	49.80	54.00	-4.20	Average	HORIZONTAL
6	5350.00	21.08	33.53	4.58	59.19	74.00	-14.81	Peak	HORIZONTAL
7	5393.70	11.24	33.61	4.62	49.47	54.00	-4.53	Average	HORIZONTAL
8	5393.70	22.68	33.61	4.62	60.91	74.00	-13.09	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-03-2023

Tested By : Sunny

EUT : Wireless Router

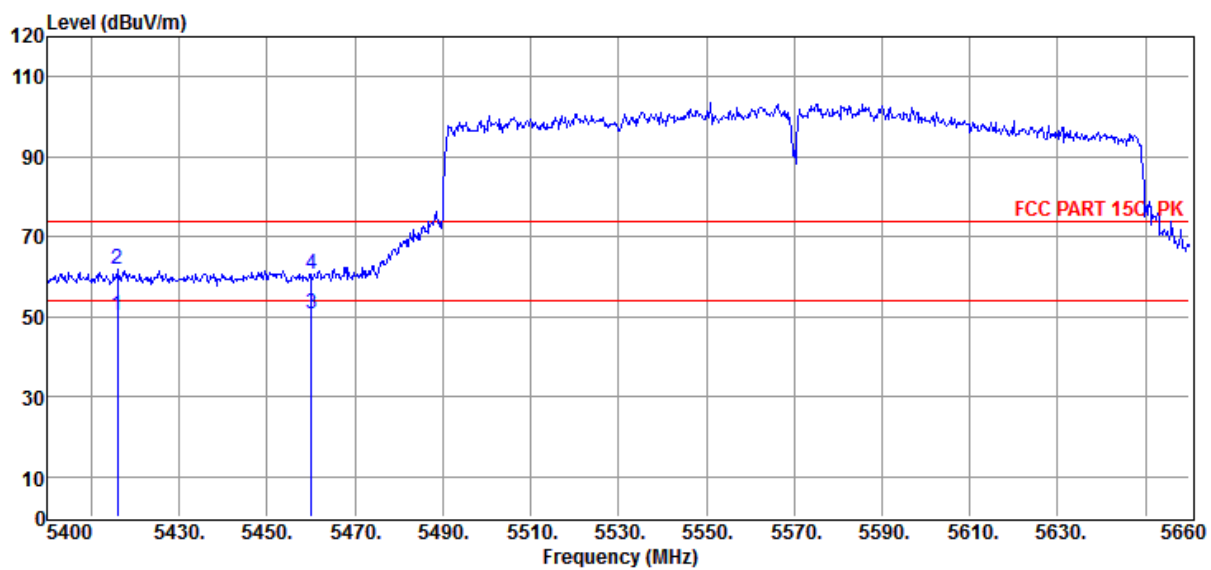
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX160 MCS0 ANT1+ANT2 5570MHz

Data: 257



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5415.86	12.04	33.65	4.64	50.33	54.00	-3.67	Average	VERTICAL
2	5415.86	23.59	33.65	4.64	61.88	74.00	-12.12	Peak	VERTICAL
3	5460.00	12.28	33.73	4.68	50.69	54.00	-3.31	Average	VERTICAL
4	5460.00	22.06	33.73	4.68	60.47	74.00	-13.53	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-03-2023

Tested By : Sunny

EUT : Wireless Router

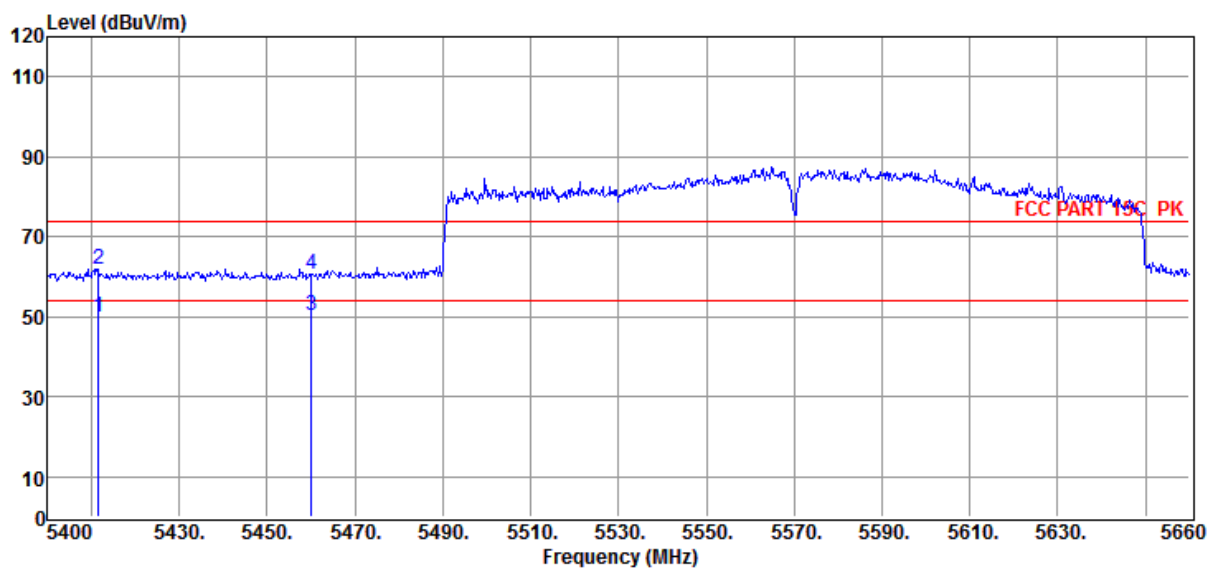
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX160 MCS0 ANT1+ANT2 5570MHz

Data: 258



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5411.70	11.79	33.64	4.63	50.06	54.00	-3.94	Average	HORIZONTAL
2	5411.70	23.67	33.64	4.63	61.94	74.00	-12.06	Peak	HORIZONTAL
3	5460.00	12.06	33.73	4.68	50.47	54.00	-3.53	Average	HORIZONTAL
4	5460.00	22.33	33.73	4.68	60.74	74.00	-13.26	Peak	HORIZONTAL

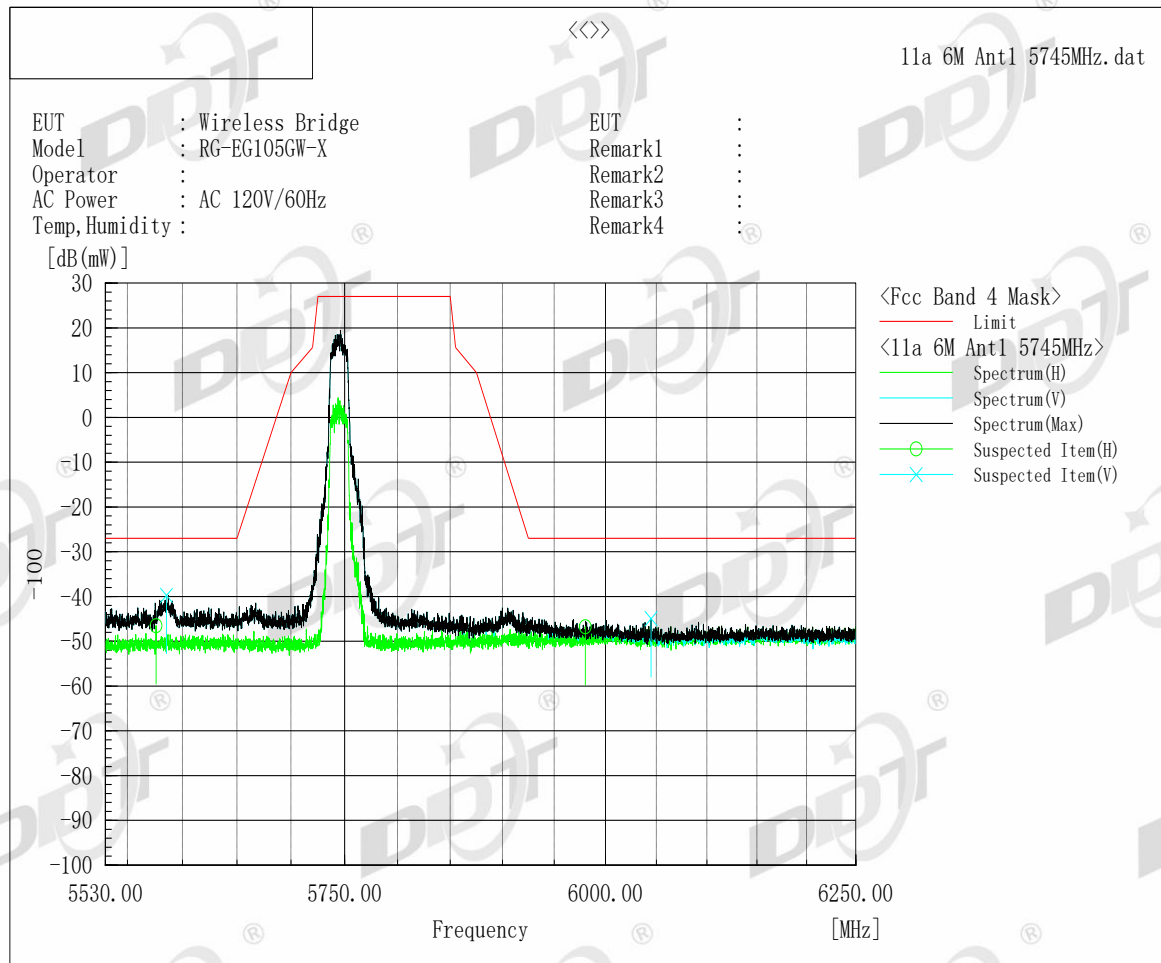
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

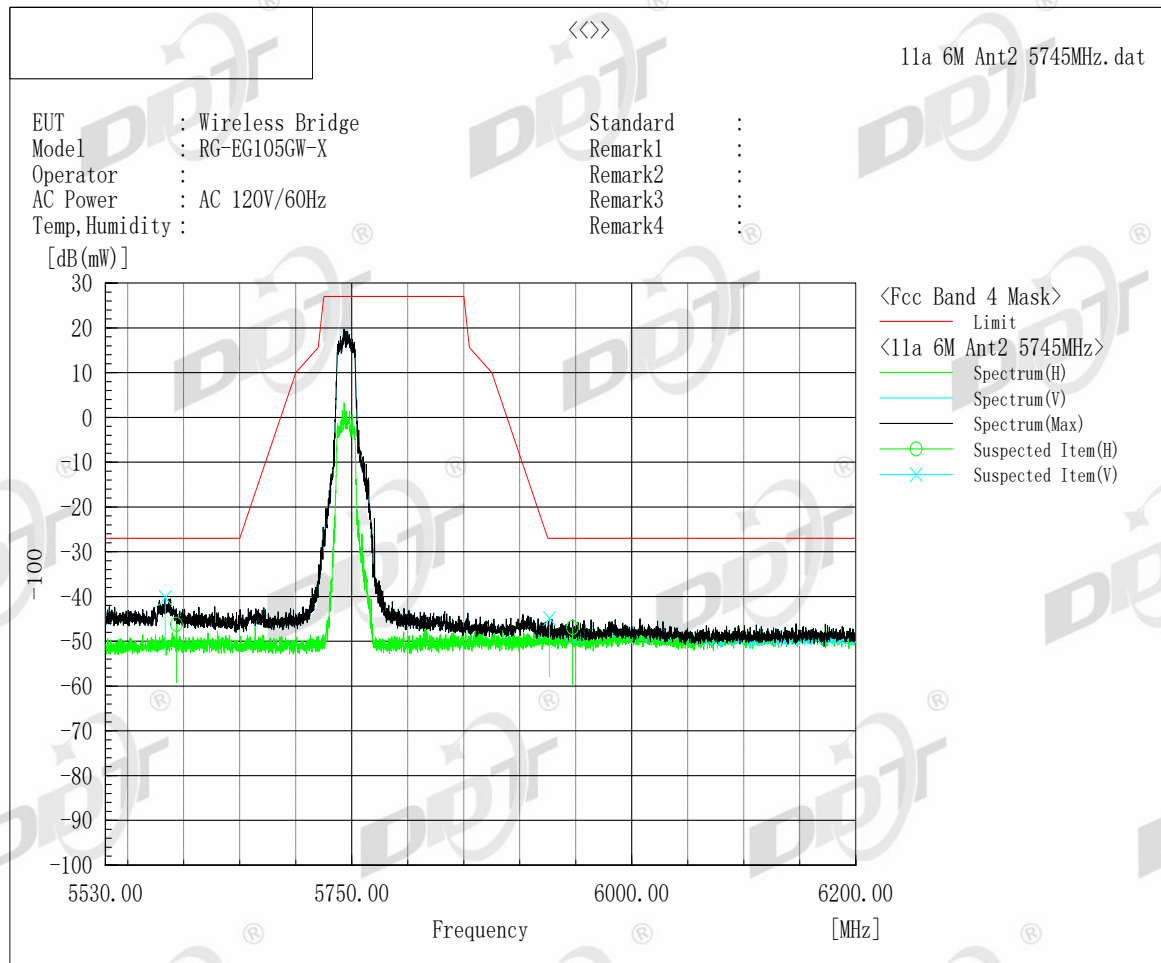


Frequency [MHz]	Pol	Reading (dBm)	Space Loss [dB]	Level (dBm)	Limit (dBm)	Margin [dB]	Azimuth [°]
5585.378	V	-58.6	18.9	-39.7	-27	12.7	264.5
6044.663	V	-64.4	19.5	-44.9	-27	17.9	270.1
5575.885	H	-65.1	18.6	-46.5	-27	19.5	159
5980.231	H	-66.6	19.8	-46.8	-27	19.8	110.5

Note: 1. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

2. Margin = Limit - Reading Level.

Radiated Emission Test Result

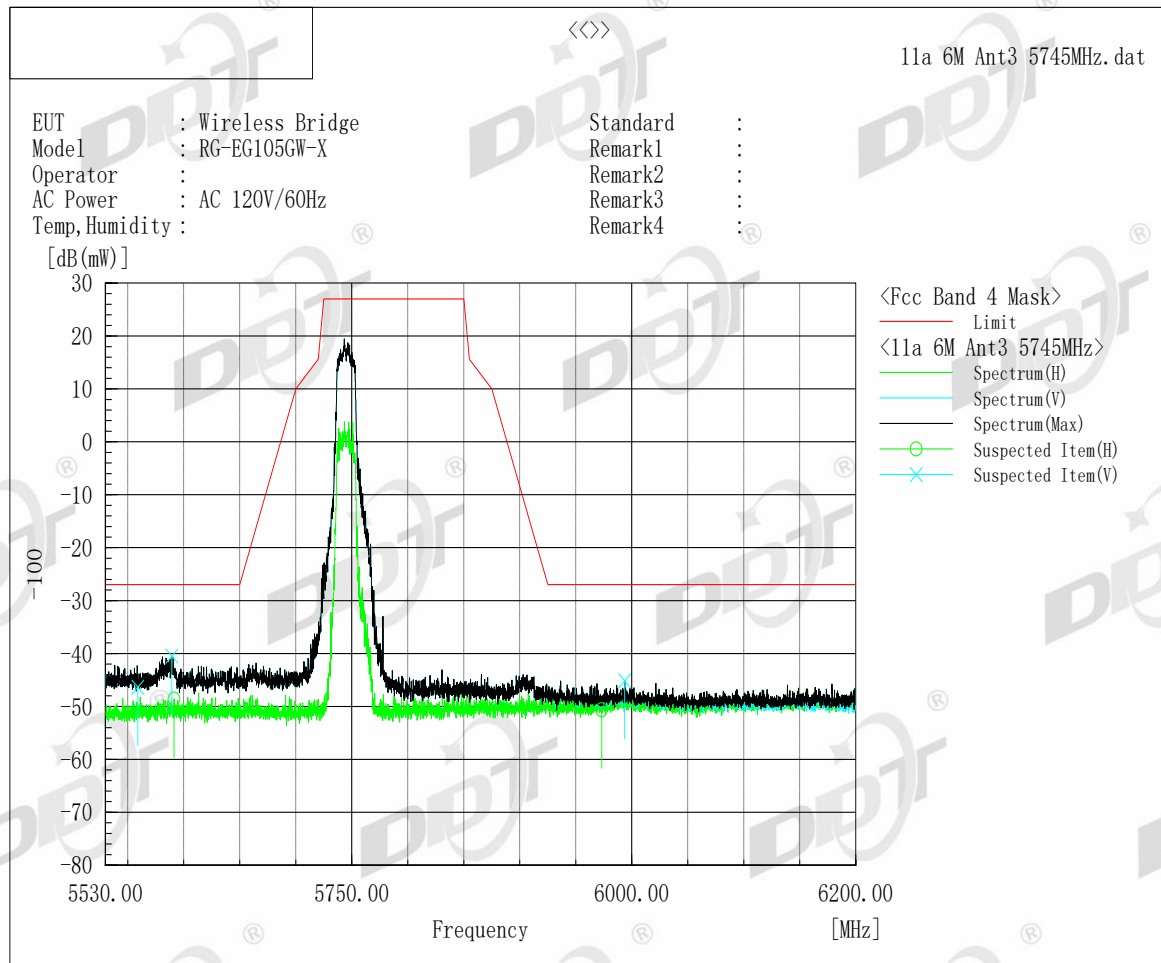


Frequency [MHz]	Pol	Reading (dBm)	Space Loss [dB]	Level (dBm)	Limit (dBm)	Margin [dB]	Azimuth [°]
5593.475	H	-65	18.8	-46.2	-27	19.2	139.1
5947.084	H	-66.4	19.4	-47	-27	20	337.7
5583.414	V	-59.2	18.9	-40.3	-27	13.3	144.8
5926.471	V	-64.3	19.4	-44.9	-27	17.9	311.2

Note: 1. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

2. Margin = Limit - Reading Level.

Radiated Emission Test Result



Frequency [MHz]	Pol	Reading (dBm)	Space Loss [dB]	Level (dBm)	Limit (dBm)	Margin [dB]	Azimuth [°]
5591.348	H	-67.4	18.8	-48.6	-27	21.6	202.3
5973.177	H	-70.2	19.6	-50.6	-27	23.6	86.8
5558.956	V	-64.8	18.5	-46.3	-27	19.3	199.7
5589.303	V	-59.5	19	-40.5	-27	13.5	286.2
5993.626	V	-65.2	20.1	-45.1	-27	18.1	158.5

Note: 1. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

2. Margin = Limit - Reading Level.