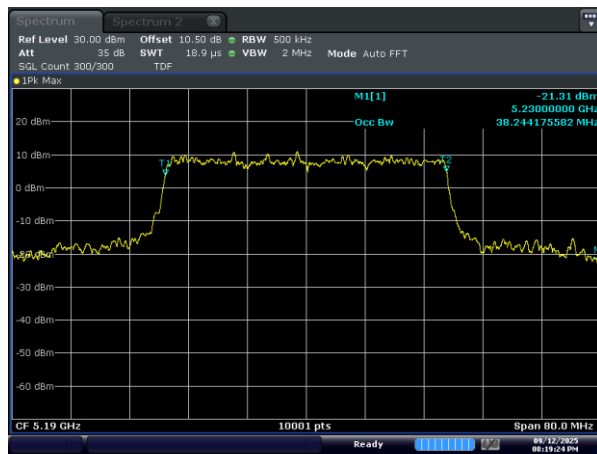
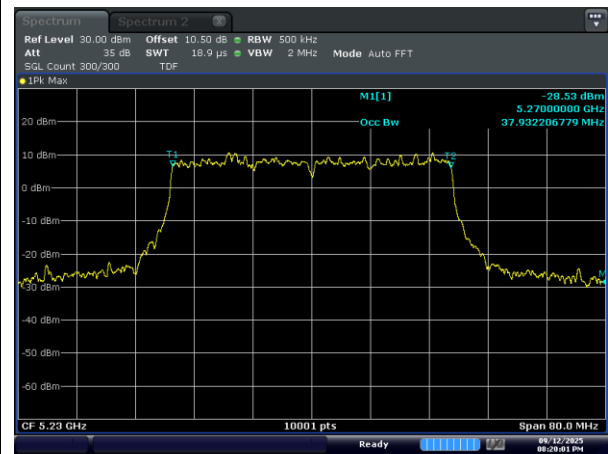


Test mode : 802.11ax(HE40)

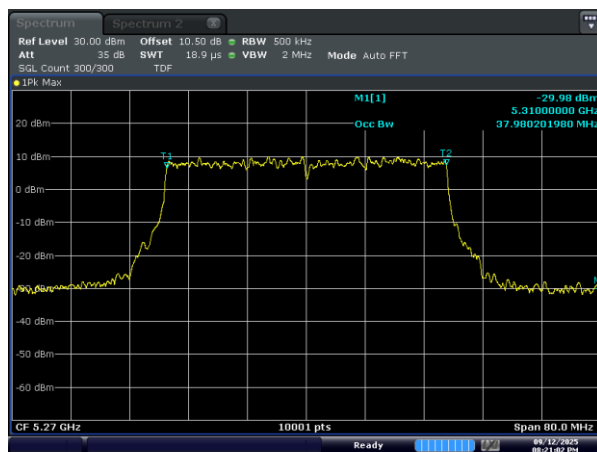
5190MHz



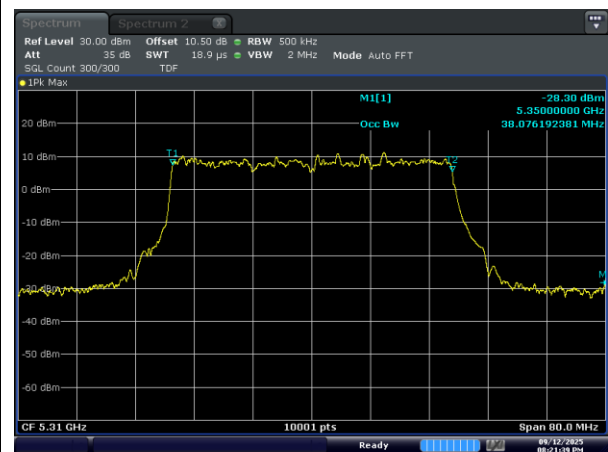
5230MHz



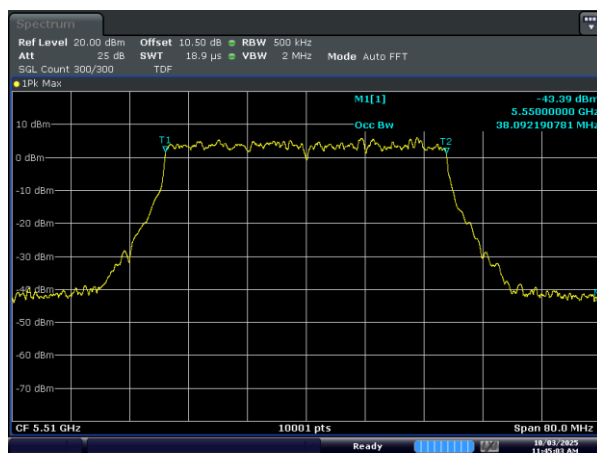
5270MHz



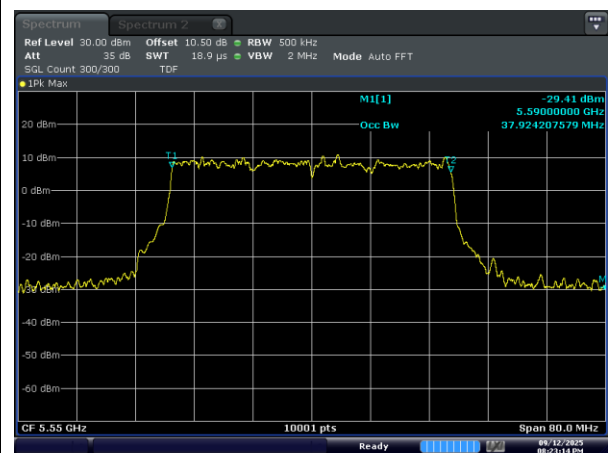
5310MHz



5510MHz

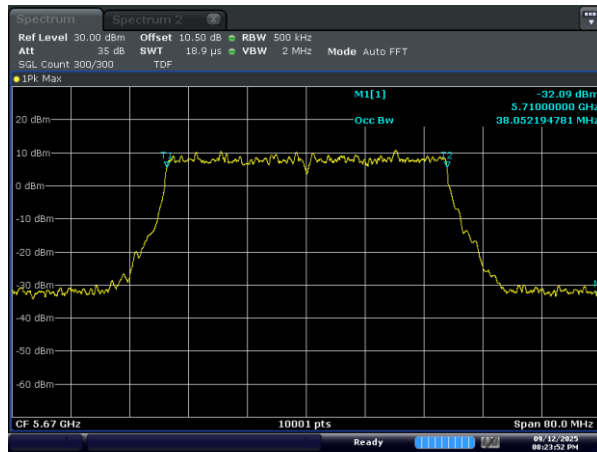


5550MHz

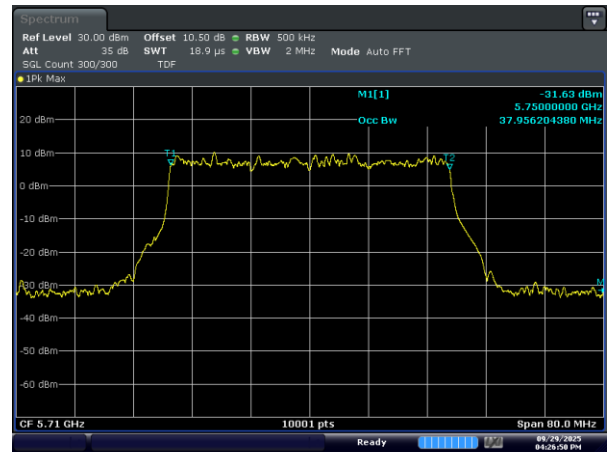


Test mode : 802.11ax(HE40)

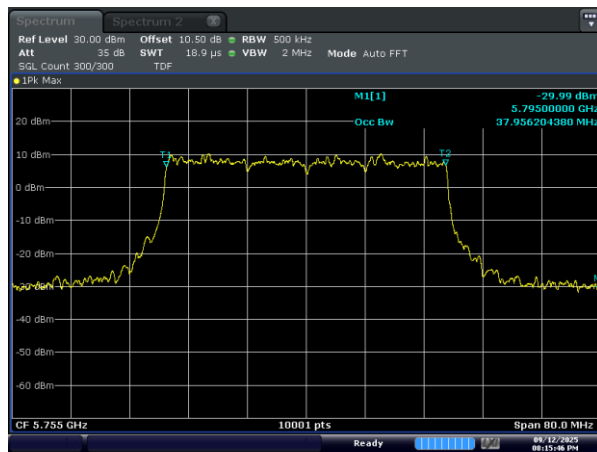
5670MHz



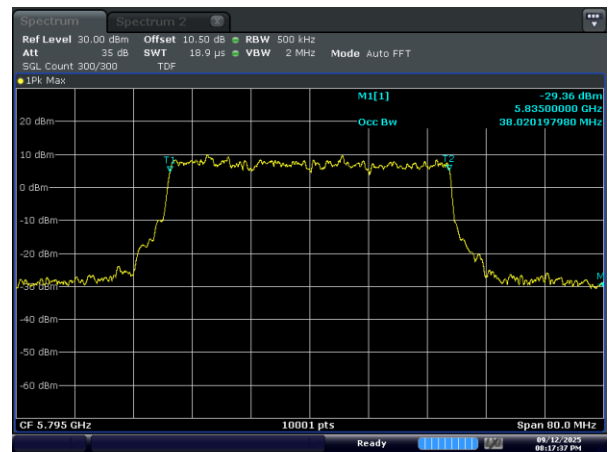
5710MHz



5755MHz

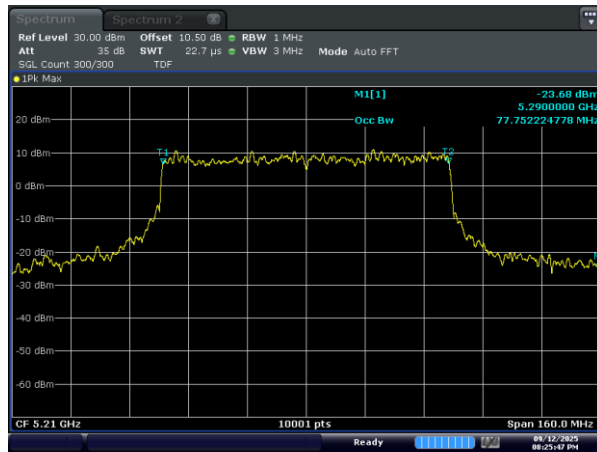


5795MHz

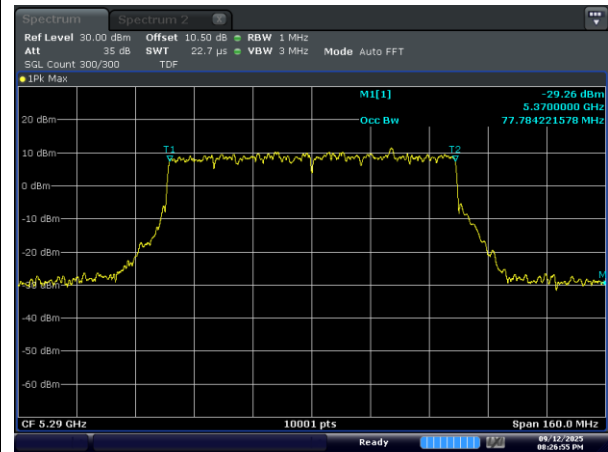


Test mode : 802.11ax(HE80)

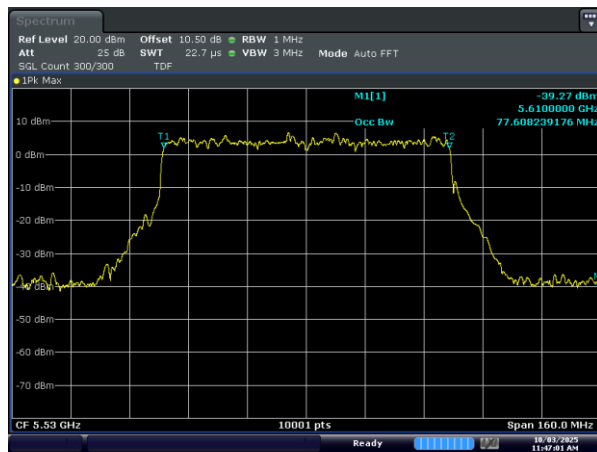
5210MHz



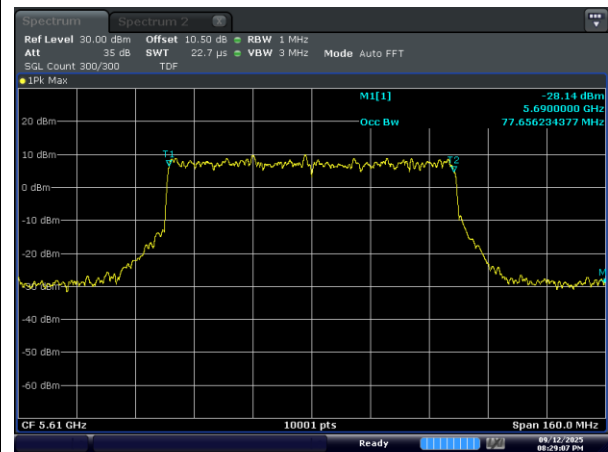
5290MHz



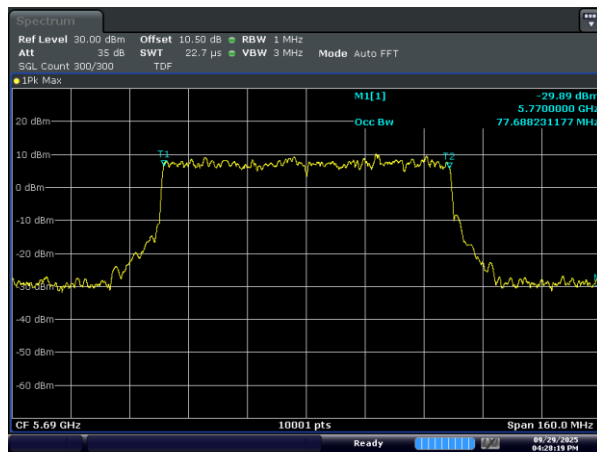
5530MHz



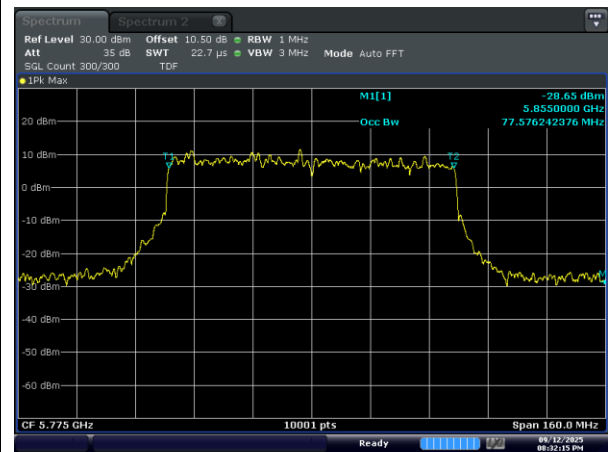
5610MHz



5690MHz

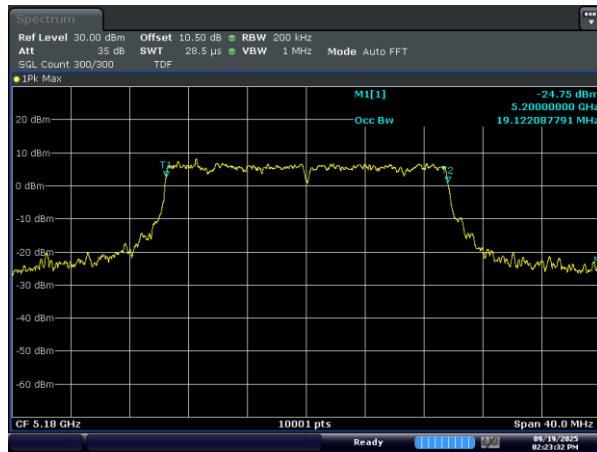


5775MHz

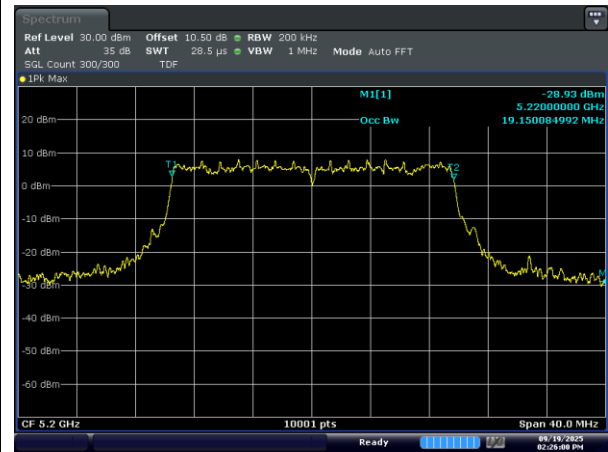


Test mode : 802.11be(ETH20)

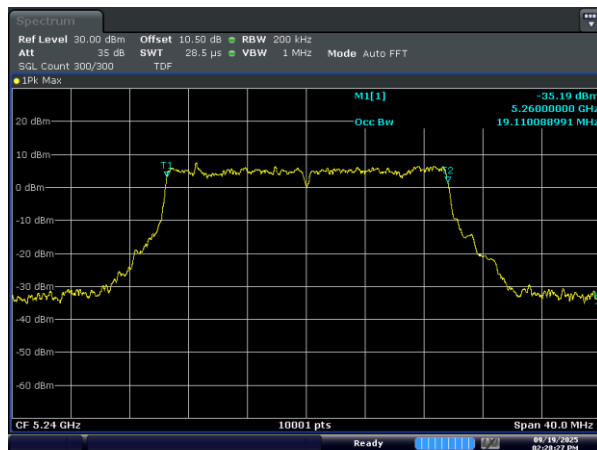
5180MHz



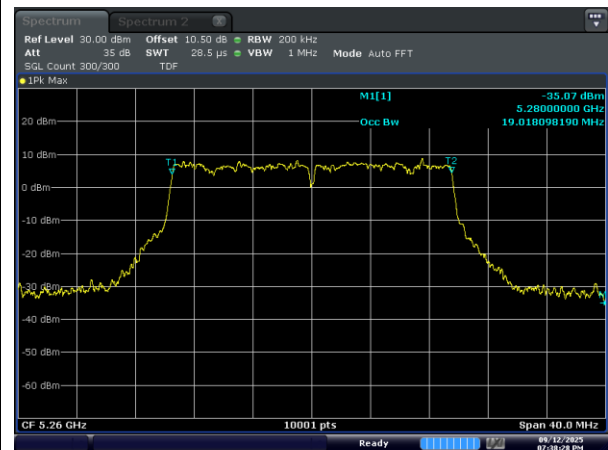
5200MHz



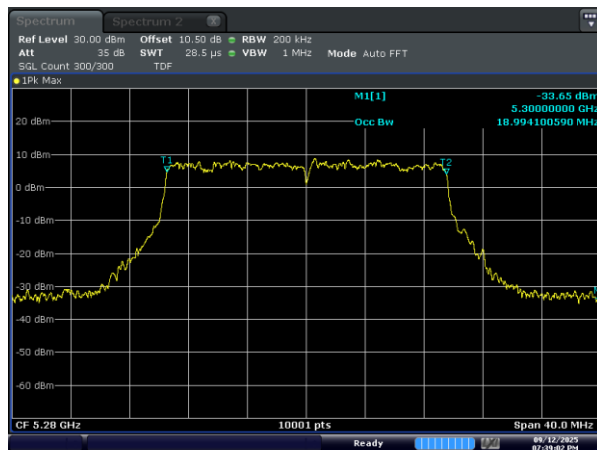
5240MHz



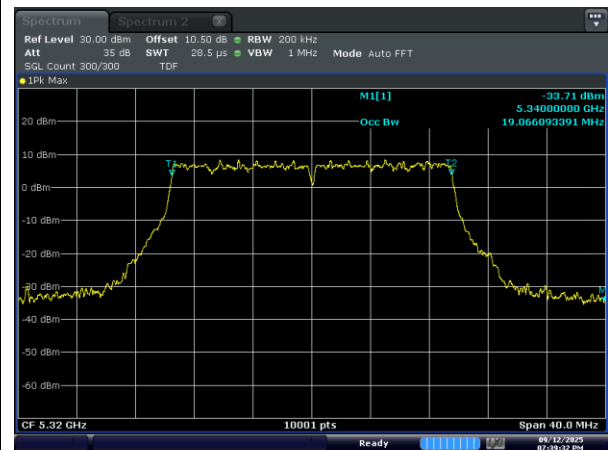
5260MHz



5280MHz

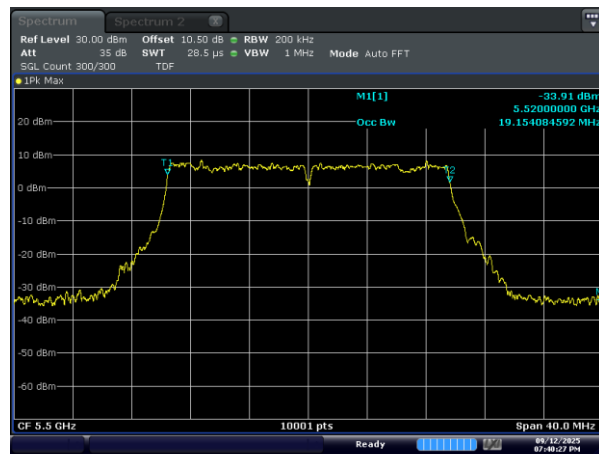


5320MHz

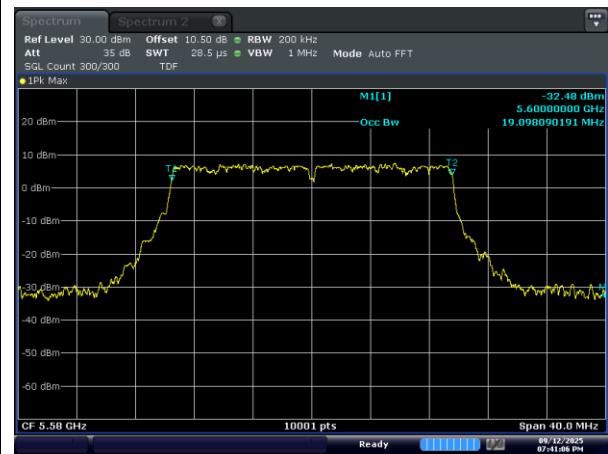


Test mode : 802.11be(ETH20)

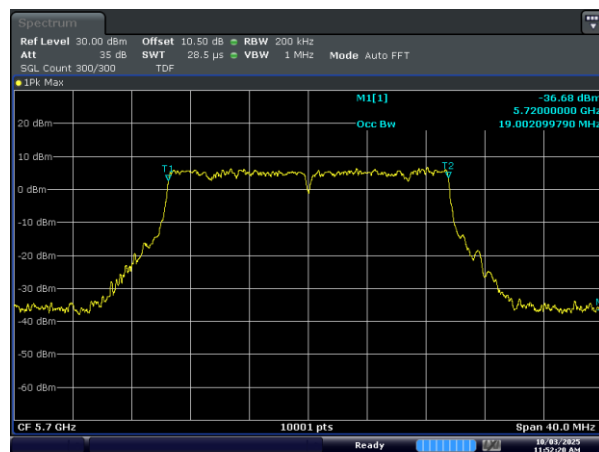
5500MHz



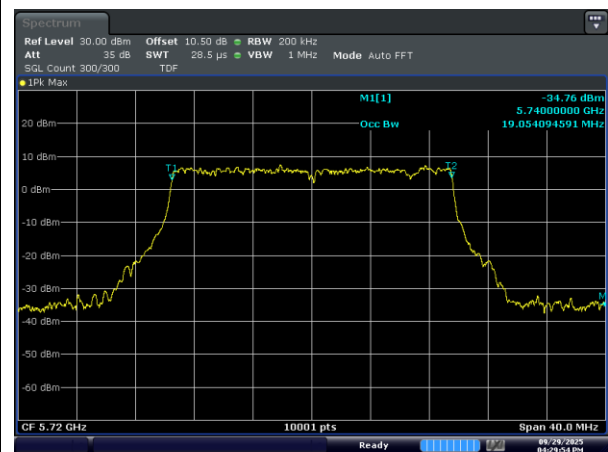
5580MHz



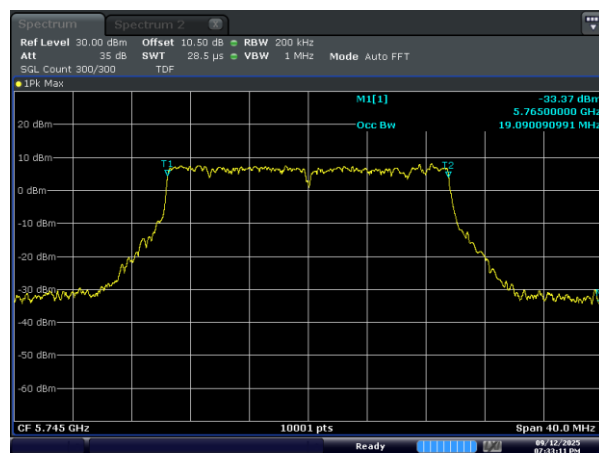
5700MHz



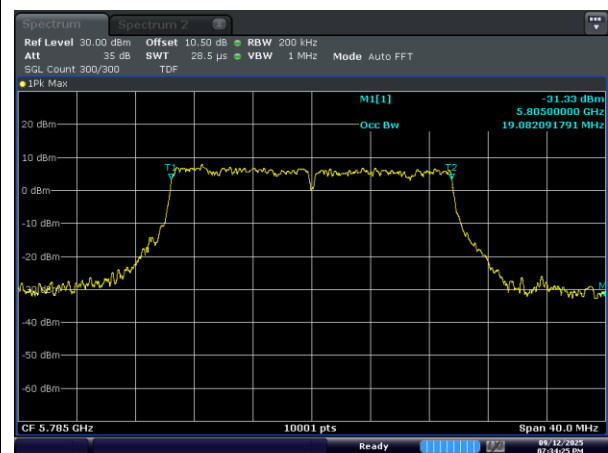
5720MHz



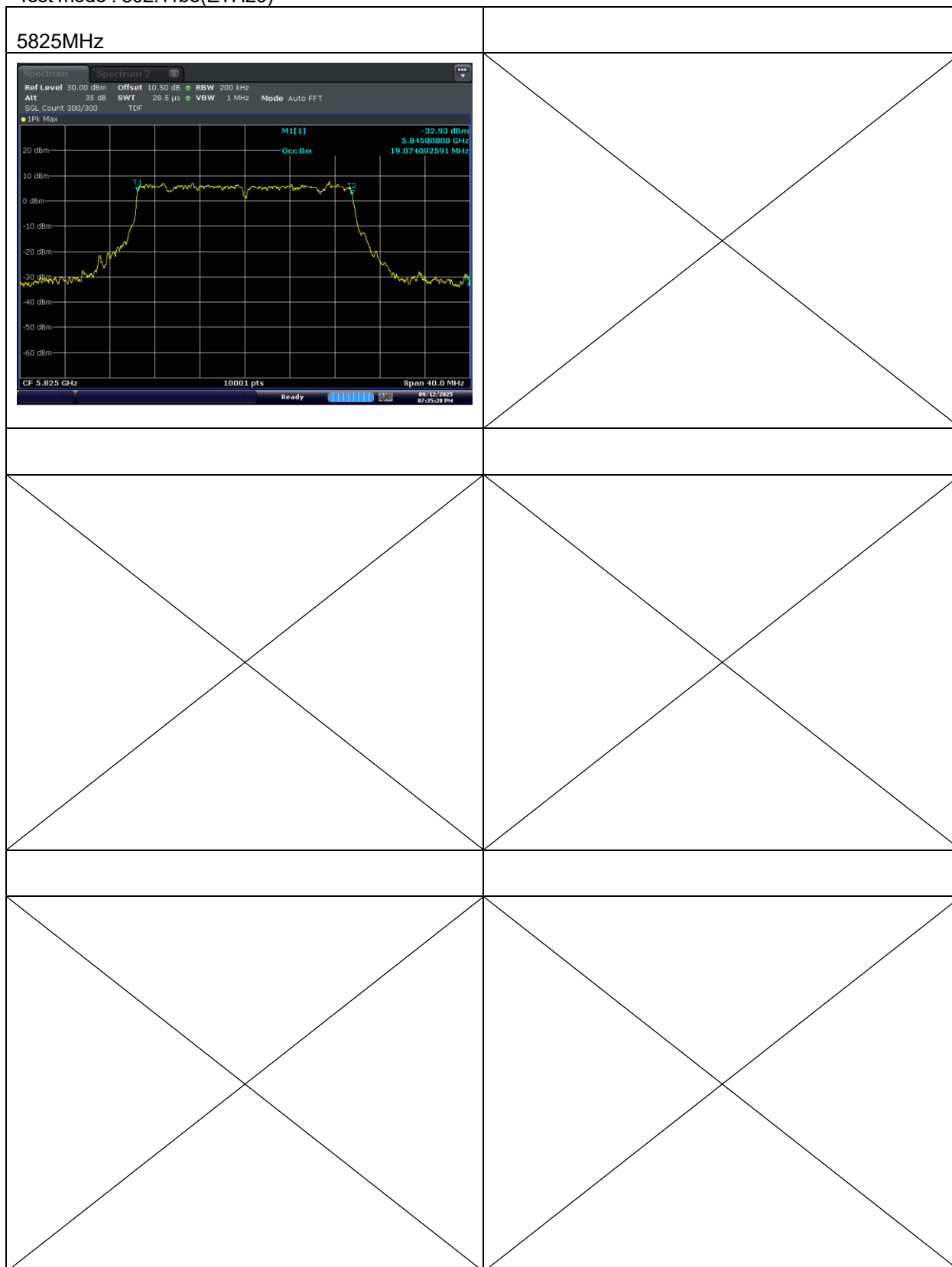
5745MHz



5785MHz

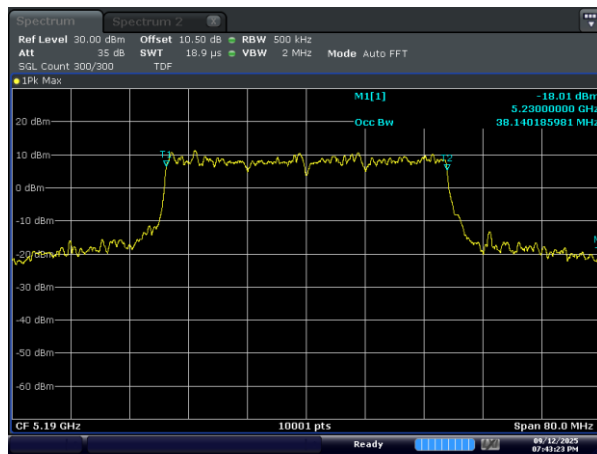


Test mode : 802.11be(ETH20)

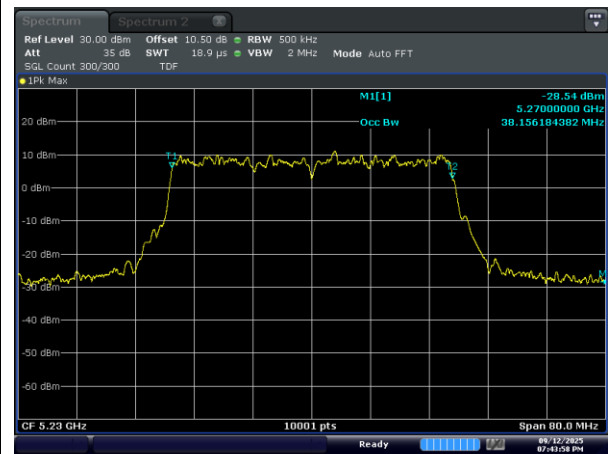


Test mode : 802.11be(ETH40)

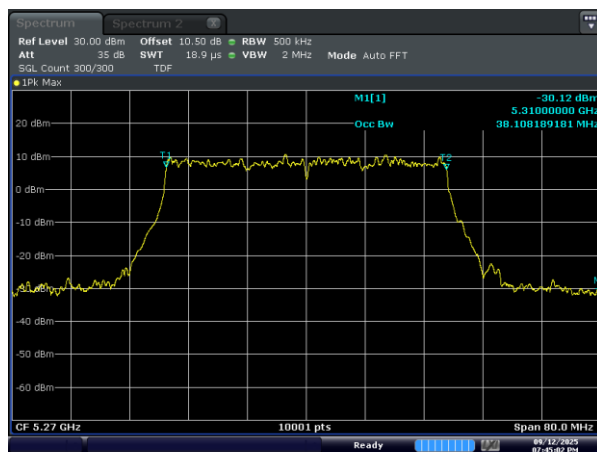
5190MHz



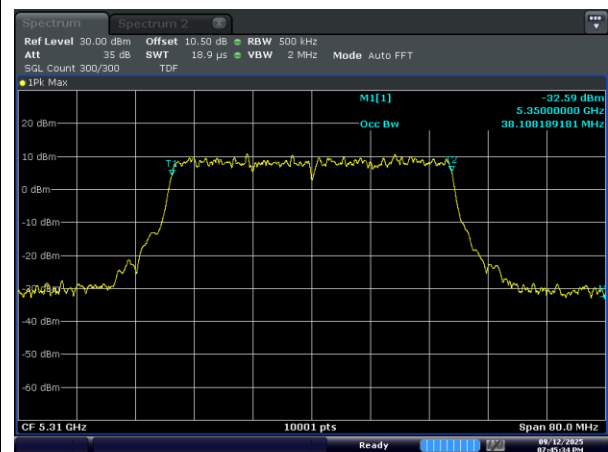
5230MHz



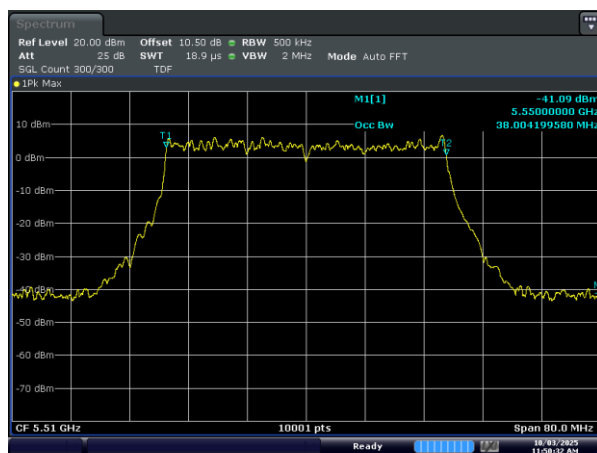
5270MHz



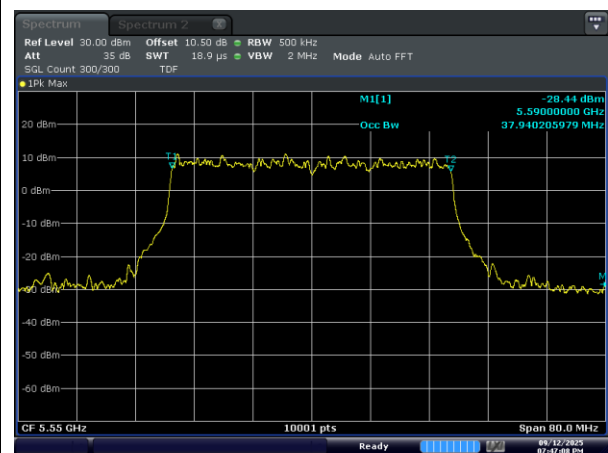
5310MHz



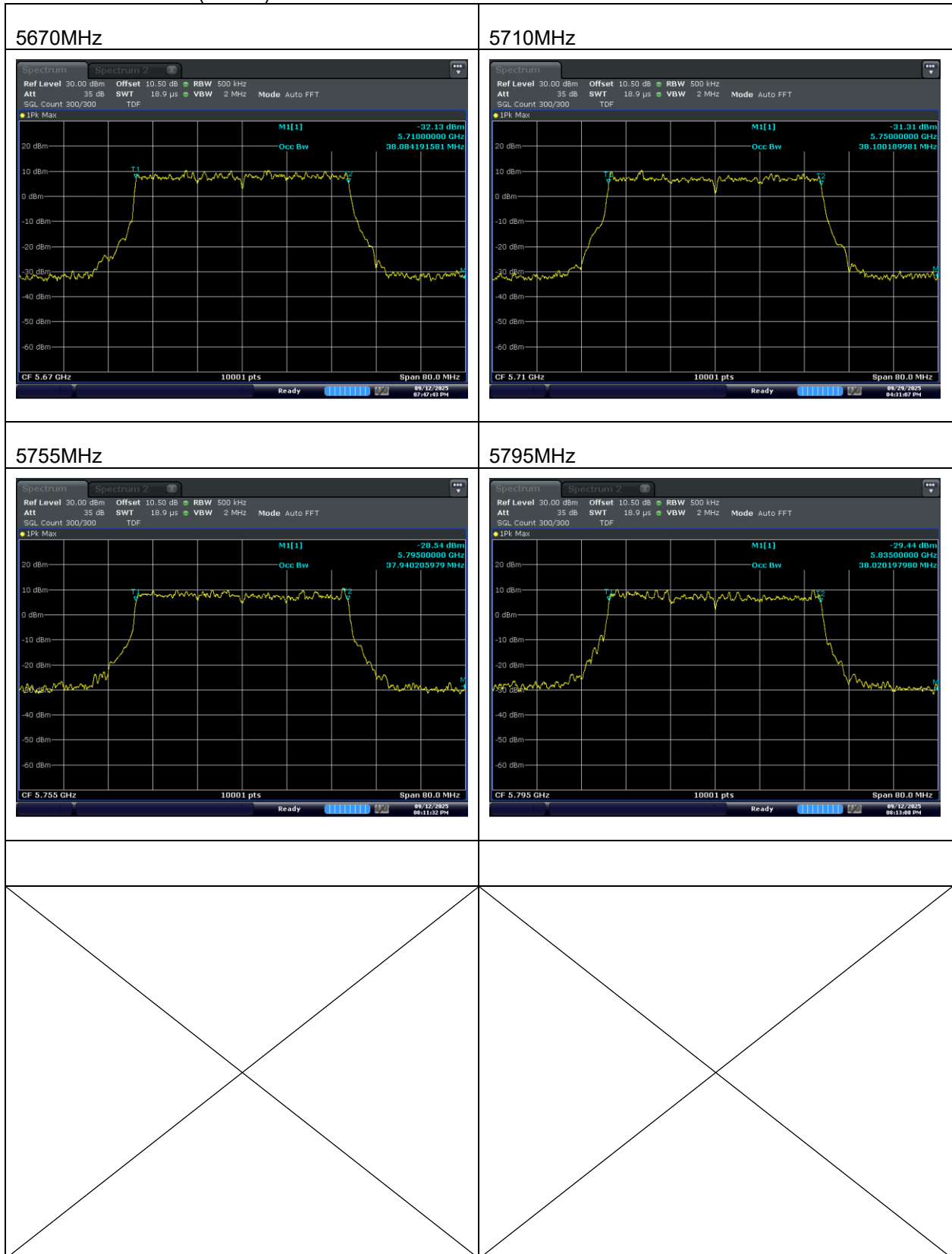
5510MHz



5550MHz

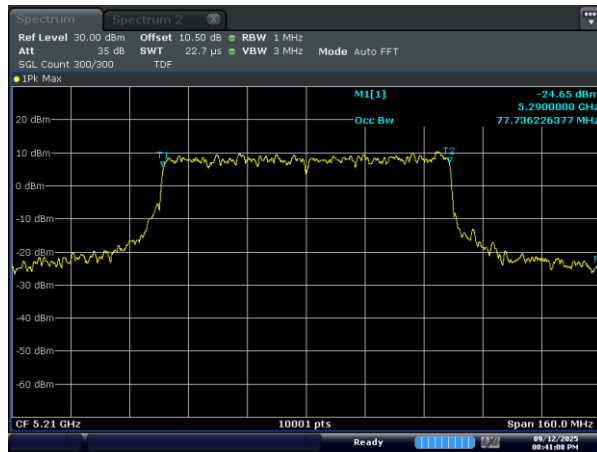


Test mode : 802.11be(ETH40)

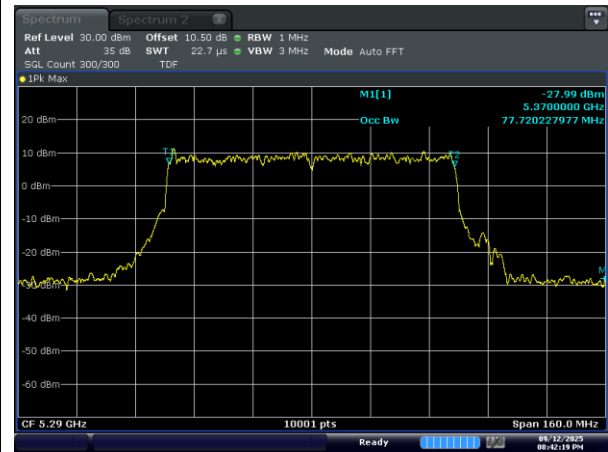


Test mode : 802.11be(ETH80)

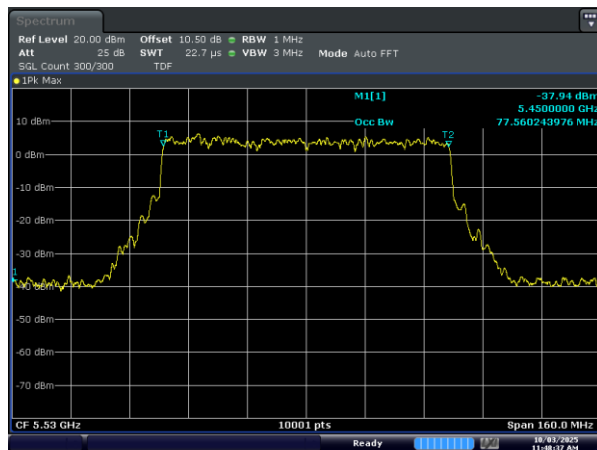
5210MHz



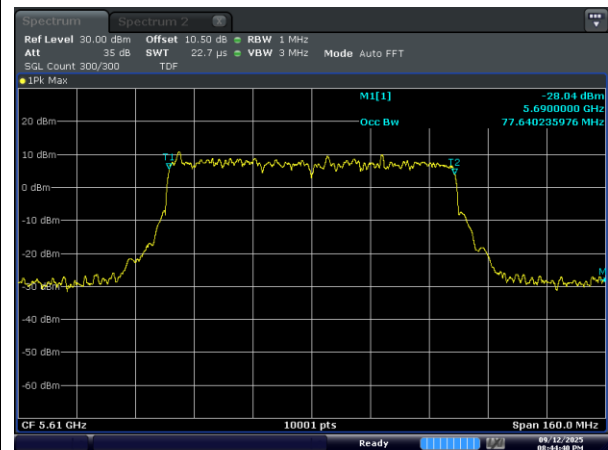
5290MHz



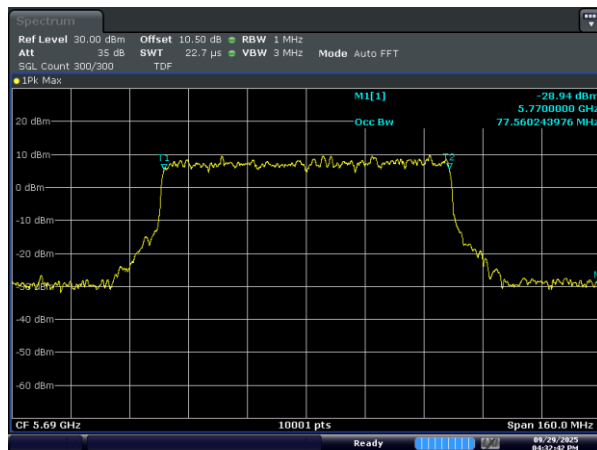
5530MHz



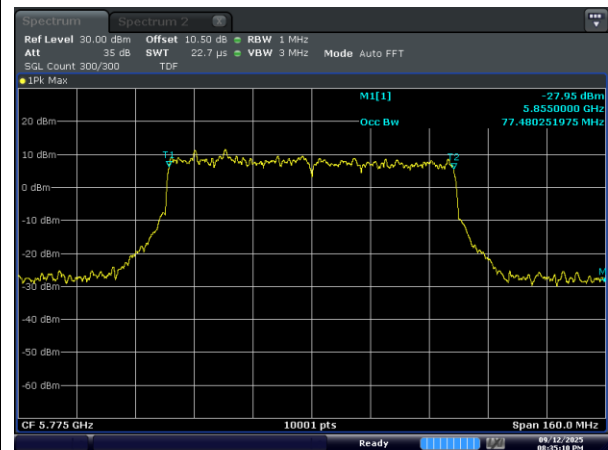
5610MHz



5690MHz



5775MHz



4.3.5 Frequency Stability

4.3.5.1 Regulation

According to §15.407(i) (g) Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

According to §RSS-GEN 6.11 Frequency stability is a measure of frequency drift due to temperature and supply voltage variations, with reference to the frequency measured at an appropriate reference temperature and the rated supply voltage.

When the measurement method of transmitter frequency stability is not stated in the applicable RSS or reference standards, the following conditions apply:

- (a)The reference temperature for radio transmitters is +20°C (+68°F).
- (b)A hand-held device that is only capable of operating using internal batteries shall be tested at the battery's nominal voltage, and again at the battery's operating end-point voltage, which shall be specified by the equipment manufacturer. For this test, either a battery or an external power supply can be used.
- (c)The operating carrier frequency shall be set up in accordance with the manufacturer's published operation and instruction manual prior to the commencement of these tests. No adjustment of any frequency-determining circuit element shall be made subsequent to this initial set-up.

With the transmitter installed in an environmental test chamber, the unmodulated carrier frequency and frequency stability shall be measured under the conditions specified below for licensed and licence-exempt devices, unless specified otherwise in the applicable RSS. A sufficient stabilization period at each temperature shall be used prior to each frequency measurement.

4.3.5.2 Measurement Procedure

The frequency stability of the carrier frequency of the intentional radiator shall be maintained all conditions of normal operation as specified in the users manual. The frequency stability shall be maintained over a temperature variation of specified in the users manual at normal supply voltage, and over a variation in the primary supply voltage of specified in the users manual of the rated supply voltage at a temperature of 20 °C. For equipment that is capable only of operating from a battery, the frequency stability tests shall be performed using a new battery without any further requirement to vary supply voltage

1. The EUT was placed inside the environmental test chamber.
2. The temperature was incremented by 10 °C intervals from lowest temperature.
3. Each increase step of temperature measured the frequency.
4. The test temperature was set 20°C and the supply voltage was then adjusted on the EUT from 85 % to 115% and the frequency record.

4.3.5.3 Result

Comply (measurement data : refer to the next page)

4.3.5.4 Measurement data

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 180 MHz	-20	5180 036 414	0.0007
	-10	5180 050 798	0.0010
	0	5180 052 323	0.0010
	10	5180 045 922	0.0009
	20	5180 034 885	0.0007
	30	5180 024 431	0.0005
	40	5180 011 451	0.0002
	50	5180 006 364	0.0001
	Voltage(%)		
	85	5180 028 879	0.0006
	115	5180 028 815	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 200 MHz	-20	5200 037 476	0.0007
	-10	5200 051 025	0.0010
	0	5200 052 550	0.0010
	10	5200 046 106	0.0009
	20	5200 034 961	0.0007
	30	5200 024 207	0.0005
	40	5200 011 495	0.0002
	50	5200 006 409	0.0001
	Voltage(%)		
	85	5200 029 038	0.0006
	115	5200 028 926	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 240 MHz	-20	5240 037 733	0.0007
	-10	5240 051 459	0.0010
	0	5240 052 961	0.0010
	10	5240 046 437	0.0009
	20	5240 035 184	0.0007
	30	5240 023 991	0.0005
	40	5240 011 558	0.0002
	50	5240 006 444	0.0001
	Voltage(%)		
	85	5240 029 258	0.0006
	115	5240 029 157	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 260 MHz	-20	5260 037 953	0.0007
	-10	5260 051 633	0.0010
	0	5260 053 173	0.0010
	10	5260 046 624	0.0009
	20	5260 035 248	0.0007
	30	5260 023 552	0.0004
	40	5260 011 657	0.0002
	50	5260 006 524	0.0001
	Voltage(%)		
	85	5260 029 386	0.0006
	115	5260 029 287	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 280 MHz	-20	5280 038 115	0.0007
	-10	5280 051 876	0.0010
	0	5280 053 354	0.0010
	10	5280 046 780	0.0009
	20	5280 035 468	0.0007
	30	5280 023 460	0.0004
	40	5280 011 685	0.0002
	50	5280 006 553	0.0001
	Voltage(%)		
	85	5280 029 499	0.0006
	115	5280 029 396	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 320 MHz	-20	5320 038 465	0.0007
	-10	5320 052 339	0.0010
	0	5320 053 775	0.0010
	10	5320 047 130	0.0009
	20	5320 035 742	0.0007
	30	5320 023 491	0.0004
	40	5320 011 778	0.0002
	50	5320 006 617	0.0001
	Voltage(%)		
	85	5320 029 742	0.0006
	115	5320 029 626	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 500 MHz	-20	5500 039 815	0.0007
	-10	5500 054 158	0.0010
	0	5500 055 587	0.0010
	10	5500 048 715	0.0009
	20	5500 036 973	0.0007
	30	5500 023 945	0.0004
	40	5500 012 200	0.0002
	50	5500 006 855	0.0001
	Voltage(%)		
	85	5500 030 762	0.0006
	115	5500 030 622	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 580 MHz	-20	5580 040 374	0.0007
	-10	5580 054 967	0.0010
	0	5580 056 373	0.0010
	10	5580 049 450	0.0009
	20	5580 037 514	0.0007
	30	5580 024 207	0.0004
	40	5580 012 371	0.0002
	50	5580 006 932	0.0001
	Voltage(%)		
	85	5580 031 191	0.0006
	115	5580 031 050	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 700 MHz	-20	5700 041 269	0.0007
	-10	5700 056 200	0.0010
	0	5700 057 608	0.0010
	10	5700 050 482	0.0009
	20	5700 038 386	0.0007
	30	5700 024 647	0.0004
	40	5700 012 633	0.0002
	50	5700 007 082	0.0001
	Voltage(%)		
	85	5700 031 858	0.0006
	115	5700 031 737	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 720 MHz	-20	5720 041 580	0.0007
	-10	5720 056 387	0.0010
	0	5720 057 840	0.0010
	10	5720 050 690	0.0009
	20	5720 038 519	0.0007
	30	5720 024 517	0.0004
	40	5720 012 716	0.0002
	50	5720 007 104	0.0001
	Voltage(%)		
	85	5720 031 951	0.0006
	115	5720 031 873	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 745 MHz	-20	5745 041 638	0.0007
	-10	5745 056 488	0.0010
	0	5745 058 082	0.0010
	10	5745 050 909	0.0009
	20	5745 038 670	0.0007
	30	5745 024 691	0.0004
	40	5745 012 730	0.0002
	50	5745 007 125	0.0001
	Voltage(%)		
	85	5745 032 095	0.0006
	115	5745 032 024	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 785 MHz	-20	5785 041 904	0.0007
	-10	5785 056 909	0.0010
	0	5785 058 460	0.0010
	10	5785 051 263	0.0009
	20	5785 038 963	0.0007
	30	5785 024 837	0.0004
	40	5785 012 837	0.0002
	50	5785 007 204	0.0001
	Voltage(%)		
	85	5785 032 317	0.0006
	115	5785 032 263	0.0006

Test mode : 20 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 825 MHz	-20	5825 042 197	0.0007
	-10	5825 057 296	0.0010
	0	5825 058 864	0.0010
	10	5825 051 575	0.0009
	20	5825 039 235	0.0007
	30	5825 024 985	0.0004
	40	5825 012 915	0.0002
	50	5825 007 221	0.0001
	Voltage(%)		
	85	5825 032 546	0.0006
	115	5825 032 453	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 190 MHz	-20	5190 037 786	0.0007
	-10	5190 051 164	0.0010
	0	5190 052 462	0.0010
	10	5190 045 974	0.0009
	20	5190 034 970	0.0007
	30	5190 022 213	0.0004
	40	5190 011 521	0.0002
	50	5190 006 471	0.0001
	Voltage(%)		
	85	5190 028 993	0.0006
	115	5190 028 914	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 230 MHz	-20	5230 038 059	0.0007
	-10	5230 051 500	0.0010
	0	5230 052 876	0.0010
	10	5230 046 303	0.0009
	20	5230 035 261	0.0007
	30	5230 022 426	0.0004
	40	5230 011 632	0.0002
	50	5230 006 521	0.0001
	Voltage(%)		
	85	5230 029 230	0.0006
	115	5230 029 176	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 270 MHz	-20	5270 038 416	0.0007
	-10	5270 051 844	0.0010
	0	5270 053 275	0.0010
	10	5270 046 655	0.0009
	20	5270 035 509	0.0007
	30	5270 022 617	0.0004
	40	5270 011 728	0.0002
	50	5270 006 569	0.0001
	Voltage(%)		
	85	5270 029 430	0.0006
	115	5270 029 375	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 310 MHz	-20	5310 038 741	0.0007
	-10	5310 052 237	0.0010
	0	5310 053 680	0.0010
	10	5310 047 058	0.0009
	20	5310 035 780	0.0007
	30	5310 022 792	0.0004
	40	5310 011 820	0.0002
	50	5310 006 624	0.0001
	Voltage(%)		
	85	5310 029 668	0.0006
	115	5310 029 616	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 510 MHz	-20	5510 040 208	0.0007
	-10	5510 054 155	0.0010
	0	5510 055 696	0.0010
	10	5510 048 823	0.0009
	20	5510 037 121	0.0007
	30	5510 023 712	0.0004
	40	5510 012 240	0.0002
	50	5510 006 881	0.0001
	Voltage(%)		
	85	5510 030 742	0.0006
	115	5510 030 727	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 550 MHz	-20	5550 040 432	0.0007
	-10	5550 054 641	0.0010
	0	5550 056 084	0.0010
	10	5550 049 213	0.0009
	20	5550 037 382	0.0007
	30	5550 023 891	0.0004
	40	5550 012 340	0.0002
	50	5550 006 916	0.0001
	Voltage(%)		
	85	5550 030 936	0.0006
	115	5550 030 945	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 670 MHz	-20	5670 041 335	0.0007
	-10	5670 055 872	0.0010
	0	5670 057 302	0.0010
	10	5670 050 307	0.0009
	20	5670 038 202	0.0007
	30	5670 024 430	0.0004
	40	5670 012 596	0.0002
	50	5670 007 068	0.0001
	Voltage(%)		
	85	5670 031 593	0.0006
	115	5670 031 654	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 710 MHz	-20	5710 041 778	0.0007
	-10	5710 056 470	0.0010
	0	5710 057 710	0.0010
	10	5710 050 630	0.0009
	20	5710 038 443	0.0007
	30	5710 024 555	0.0004
	40	5710 012 689	0.0002
	50	5710 007 164	0.0001
	Voltage(%)		
	85	5710 031 764	0.0006
	115	5710 031 819	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 755 MHz	-20	5755 042 022	0.0007
	-10	5755 056 641	0.0010
	0	5755 058 144	0.0010
	10	5755 050 996	0.0009
	20	5755 038 779	0.0007
	30	5755 024 817	0.0004
	40	5755 012 833	0.0002
	50	5755 007 197	0.0001
	Voltage(%)		
	85	5755 031 958	0.0006
	115	5755 032 094	0.0006

Test mode : 40 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 795 MHz	-20	5795 042 355	0.0007
	-10	5795 057 164	0.0010
	0	5795 058 578	0.0010
	10	5795 051 332	0.0009
	20	5795 038 993	0.0007
	30	5795 024 965	0.0004
	40	5795 012 883	0.0002
	50	5795 007 265	0.0001
	Voltage(%)		
	85	5795 032 217	0.0006
	115	5795 032 276	0.0006

Test mode : 80 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 210 MHz	-20	5210 038 028	0.0007
	-10	5210 051 535	0.0010
	0	5210 052 654	0.0010
	10	5210 046 196	0.0009
	20	5210 035 113	0.0007
	30	5210 022 426	0.0004
	40	5210 011 537	0.0002
	50	5210 006 493	0.0001
	Voltage(%)		
	85	5210 028 998	0.0006
	115	5210 029 007	0.0006

Test mode : 80 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 290 MHz	-20	5290 038 655	0.0007
	-10	5290 052 181	0.0010
	0	5290 053 436	0.0010
	10	5290 046 924	0.0009
	20	5290 035 658	0.0007
	30	5290 022 667	0.0004
	40	5290 011 718	0.0002
	50	5290 006 609	0.0001
	Voltage(%)		
	85	5290 029 429	0.0006
	115	5290 029 472	0.0006

Test mode : 80 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 530 MHz	-20	5530 040 426	0.0007
	-10	5530 054 433	0.0010
	0	5530 055 874	0.0010
	10	5530 049 018	0.0009
	20	5530 037 119	0.0007
	30	5530 023 573	0.0004
	40	5530 012 261	0.0002
	50	5530 006 915	0.0001
	Voltage(%)		
	85	5530 030 678	0.0006
	115	5530 030 795	0.0006

Test mode : 80 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 610 MHz	-20	5610 040 980	0.0007
	-10	5610 055 238	0.0010
	0	5610 056 680	0.0010
	10	5610 049 702	0.0009
	20	5610 037 580	0.0007
	30	5610 023 901	0.0004
	40	5610 012 401	0.0002
	50	5610 007 015	0.0001
	Voltage(%)		
	85	5610 031 129	0.0006
	115	5610 031 225	0.0006

Test mode : 80 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 690 MHz	-20	5690 041 678	0.0007
	-10	5690 056 240	0.0010
	0	5690 057 490	0.0010
	10	5690 050 396	0.0009
	20	5690 038 345	0.0007
	30	5690 024 303	0.0004
	40	5690 012 565	0.0002
	50	5690 007 126	0.0001
	Voltage(%)		
	85	5690 031 670	0.0006
	115	5690 031 620	0.0006

Test mode : 80 MHz Bandwidth

Frequency (MHz)	Temp (°C)	Center Frequency (Hz)	Tolerance (%)
5 775 MHz	-20	5775 042 276	0.0007
	-10	5775 056 891	0.0010
	0	5775 058 385	0.0010
	10	5775 051 128	0.0009
	20	5775 038 814	0.0007
	30	5775 024 627	0.0004
	40	5775 012 776	0.0002
	50	5775 007 239	0.0001
	Voltage(%)		
	85	5775 032 133	0.0006
	115	5775 032 079	0.0006

4.3.6 Spurious Emission, Band Edge, and Restricted bands

4.3.6.1 Regulation

According to §15.407(b) Undesirable emission limits. Except as shown in paragraph (b)(10) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(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 solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

(6) 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.

(7) The provisions of §15.205 apply to intentional radiators operating under this section.

According to §RSS-247 7.3.1.3 For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing DFS (see section 7.3.6) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

According to §RSS-247 7.3.2.3 a) All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.; or

b) All emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. and its power shall comply with the spectral power density for operation within the band 5150-5250 MHz. The device, except devices installed in vehicles, shall be labelled or include in the user manual the following text "for indoor use only."

According to §RSS-247 7.3.3.3 Equipment operating in the bands 5470-5725 MHz shall comply with the following unwanted emission limits:

- a) for devices with fundamental emissions fully contained within the 5470-5725 MHz band, all unwanted emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density.
- b) for devices with bandwidth overlapping the band edge of 5725 MHz, all unwanted emissions shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density at 5850 MHz instead of 5725 MHz.

According to §RSS-247 7.3.4.4 Equipment operating in the band 5725-5850 MHz shall comply with the following peak e.i.r.p. spectral density limits:

- a) 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;
- b) 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;
- c) 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
- d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

According to §15.209(a) Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009 - 0.490	2 400/F(kHz)	300
0.490 - 1.705	24 000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100**	3
88 - 216	150**	3
216 - 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54–72 MHz, 76–88 MHz, 174–216 MHz or 470–806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§15.231 and 15.241.

According to §15.205(a) and (b), only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.009 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
0.495 - 0.505	16.694 75 - 16.695 25	608 - 614	5.35 - 5.46
2.173 5 - 2.190 5	16.804 25 - 16.804 75	960 – 1 240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1 300 – 1 427	8.025 - 8.5
4.177 25 - 4.177 75	37.5 - 38.25	1 435 – 1 626.5	9.0 - 9.2
4.207 25 - 4.207 75	73 - 74.6	1 645.5 – 1 646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1 660 – 1 710	10.6 - 12.7
6.267 75 - 6.268 25	108 - 121.94	1 718.8 – 1 722.2	13.25 - 13.4
6.311 75 - 6.312 25	123 - 138	2 200 – 2 300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2 310 – 2 390	15.35 - 16.2
8.362 - 8.366	156.524 75 - 156.525 25	2 483.5 – 2 500	17.7 - 21.4
8.376 25 - 8.386 75	156.7 - 156.9	2 690 – 2 900	22.01 - 23.12
8.414 25 - 8.414 75	162.012 5 - 167.17	3 260 – 3 267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3 332 – 3 339	31.2 - 31.8
12.519 75 - 12.520 25	240 - 285	3 345.8 – 3 358	36.43 - 36.5
12.576 75 - 12.577 25	322 - 335.4	3 600 – 4 400	Above 38.6
13.36 - 13.41			

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in §15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in §15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in §15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in §15.35 apply to these measurement

According to RSS-GEN 8.10(c) Unwanted emissions that do not fall within the restricted frequency bands listed in table 7 shall comply either with the limits specified in the applicable RSS or with those specified in table 5 and table 6.

MHz	MHz	MHz	GHz
0.009 - 0.110	13.36 – 13.41	960 – 1427	9.0 – 9.2
0.495 - 0.505	16.42 – 16.423	1435 – 1626.5	9.3 – 9.5
2.173 5 - 2.190 5	16.69475 – 16.69525	1645.5 - 1646.5	10.6 – 12.7
3.020 – 3.026	16.80425 - 16.80475	1660 – 1710	13.25 – 13.4
4.125 – 4.128	25.5 – 25.67	1718.8 – 1722.2	14.47 – 14.5
4.17725 – 4.17775	37.5 – 38.25	2200 – 2300	15.35 – 16.2
4.20725 – 4.20775	73 – 74.6	2310 - 2390	17.7 – 21.4
5.677 – 5.683	74.8 – 75.2	2483.5 – 2500	22.01 – 23.12
6.215 – 6.218	108 – 138	2655 – 2900	23.6 – 24.0
6.26775 – 6.26825	149.9 – 150.05	3260 – 3267	31.2 – 31.8
6.31175 – 6.31225	156.52475 – 156.52525	3332 – 3339	36.43 – 36.5
8.291 – 8.294	156.7 – 156.9	3345.8 - 3358	Above 38.6
8.363 – 8.366	162.0125 – 167.17	3500 – 4400	-
8.37625 – 8.38675	167.75 – 173.2	4500 – 5150	-

8.41425 – 8.41475	240 – 285	5350 – 5460	-
12.29 – 12.293	322 – 335.4	7250 - 7750	-
12.51975 – 12.52025	399.9 – 410	8025 – 8500	-
12.57675 – 12.57725	608 – 614	-	-

4.3.6.2 Measurement Procedure

These test measurement settings are specified in section G of 789033 D02 General UNII Test Procedures

For all radiated emissions tests, measurements must correspond to the direction of maximum emission level for each measured emission (see ANSI C63.10 for guidance).

4.3.6.2.1 Unwanted Emissions in the Restricted Bands & Outside of the Restricted Bands

(1) For all measurements, follow the requirements in section II.G.3.,

“General Requirements for Unwanted Emissions Measurements”.

(2) At frequencies below 1000 MHz, use the procedure described in section II.G.4.,

“Procedure for Unwanted Emissions Measurements Below 1000 MHz”.

(3) At frequencies above 1000 MHz, measurements performed using the peak and average measurement procedures described in sections II.G.5. and II.G.6, respectively, must satisfy the respective peak and average limits. If all peak measurements satisfy the average limit, then average measurements are not required.

(4) Unwanted Emissions that fall Outside of the Restricted Bands

As specified in §15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum 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 peak and average limits of §15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

a) If radiated measurements are performed, field strength is then converted to EIRP as follows:

(i) $EIRP = ((E \cdot d)^2) / 30$

where: • E is the field strength in V/m;

• d is the measurement distance in meters;

• EIRP is the equivalent isotropically radiated power in watts.

(ii) Working in dB units, the above equation is equivalent to:

$EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$

(iii) or, if d is 3 meters:

$EIRP[dBm] = E[dB\mu V/m] - 95.2$

4.3.6.2.2 Radiated Spurious Emissions

- 1) The preliminary and final radiated measurements were performed to determine the frequency producing the maximum emissions in at a 10m anechoic chamber. The EUT was tested at a distance 3 meters.
- 2) The EUT was placed on the top of the 0.8-meter height, 1 × 1.5 meter non-metallic table. To find the maximum emission levels, the height of a measuring antenna was changed and the turntable was rotated 360°.
- 3) The antenna polarization was also changed from vertical to horizontal. The spectrum was scanned from 9 kHz to 30 MHz using the loop antenna, and from 30 to 1 000 MHz using the TRILOG broadband antenna, and from 1 000 MHz to 40 000 MHz using the horn antenna.
- 4) Each frequency found during preliminary measurements was re-examined and investigated. The test-receiver system was set up to average, peak, and quasi-peak detector function with specified bandwidth.
- 5) For multiple antennas, the maximum simultaneous operating conditions were declared the worst case condition. The test was performed under the worst condition.

NOTE1 : The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1 GHz.

NOTE2 : The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection and frequency above 1 GHz.

The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz(1/T) for Average detection (AV) at frequency above 1 GHz. (where T = pulse width)

4.3.6.3 Note

- Below 1GHz

- Note 1 : Loss : Cable loss - Amp gain
Note 2 : Result : Reading + Ant Factor + Loss
Note 3 : Measured distance : 3 m

- Above 1GHz

- Note 1 : Factor : Ant Factor + Cable loss - Amp gain + Distance Factor
Note 2 : Peak Result : Reading + Factor
Note 3 : Average Result : Average Reading + Factor + Average Factor
Note 4 : Average Factor : $10\log(1/\text{Dutycycle})$ * Refer to 4.3.6.7
Note 5 : Measured distance : 1 m, Distance Factor = $20\log(1 / 3) = -9.54$
Note 6 : Average measurement did not take place because the peak data did not exceed Average Limit.
Note 7 : Not Detected means that peak data does not exceed the average limit.

4.3.6.4 Result

Comply (measurement data : refer to the next page)

4.3.6.5 Measurement data

- Below 1 GHz

(Worst case : 5GHz(802.11n(HT40)))

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Ant Factor (dB)	Loss (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
63.23	QP	V	46.50	19.10	-29.10	36.50	40.00	3.50
106.58	QP	V	47.00	15.50	-28.40	34.10	43.50	9.40
249.94	QP	V	37.10	17.90	-27.20	27.80	46.00	18.20
500.07	QP	V	32.00	23.80	-26.70	29.10	46.00	16.90

- Above 1GHz

Test mode : 802.11a_5180 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5150.00	PK	H	49.60	1.36	-	50.96	74.00	23.04
	PK	V	55.60	1.36	-	56.96	74.00	17.04
	AV	V	40.30	1.36	0.00	41.66	54.00	12.34
10360.00	PK	H	36.20	8.76	-	44.96	68.20	23.24
	PK	V	37.60	8.76	-	46.36	68.20	21.84

Test mode : 802.11a_5200 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8859.00	PK	H	40.50	6.16	-	46.66	68.20	21.54
10400.00	PK	H	36.60	8.96	-	45.56	68.20	22.64
	PK	V	38.00	8.96	-	46.96	68.20	21.24

Test mode : 802.11a_5240 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8384.00	PK	H	40.00	5.86	-	45.86	74.00	28.14
10480.00	PK	H	37.80	9.06	-	46.86	68.20	21.34
	PK	V	37.00	9.06	-	46.06	68.20	22.14

Test mode : 802.11a_5260 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10520.00	PK	H	37.40	9.16	-	46.56	68.20	21.64
	PK	V	36.20	9.16	-	45.36	68.20	22.84

Test mode : 802.11a_5280 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8447.97	PK	H	39.20	5.86	-	45.06	74.00	28.94
10560.00	PK	H	37.50	9.26	-	46.76	68.20	21.44
	PK	V	36.70	9.26	-	45.96	68.20	22.24

Test mode : 802.11a 5320 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.00	PK	H	52.30	1.76	-	54.06	74.00	19.94
	AV	H	37.50	1.76	0.00	39.26	54.00	14.74
	PK	V	58.50	1.76	-	60.26	74.00	13.74
	AV	V	41.60	1.76	0.00	43.36	54.00	10.64
8512.03	PK	H	40.00	5.96	-	45.96	68.20	22.24
10640.00	PK	H	38.90	9.56	-	48.46	74.00	25.54
	PK	V	38.30	9.56	-	47.86	74.00	26.14

Test mode : 802.11a 5500 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5455.26	PK	H	48.70	1.96	-	50.66	74.00	23.34
5469.50	PK	H	55.50	1.96	-	57.46	68.20	10.74
5458.80	PK	V	54.30	1.96	-	56.26	74.00	17.74
	AV	V	39.60	1.96	0.00	41.56	54.00	12.44
5470.00	PK	V	60.90	1.96	-	62.86	68.20	5.34
8799.99	PK	H	39.70	6.26	-	45.96	68.20	22.24
	PK	V	39.10	6.26	-	45.36	68.20	22.84
11000.00	PK	H	37.00	10.46	-	47.46	74.00	26.54
	PK	V	37.40	10.46	-	47.86	74.00	26.14

Test mode : 802.11a 5580 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8927.99	PK	H	40.60	6.36	-	46.96	68.20	21.24
	PK	V	38.90	6.36	-	45.26	68.20	22.94
11160.00	PK	H	36.80	10.46	-	47.26	74.00	26.74
	PK	V	36.50	10.46	-	46.96	74.00	27.04

Test mode : 802.11a 5700 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9120.00	PK	H	40.70	6.76	-	47.46	74.00	26.54
11400.00	PK	H	36.80	10.46	-	47.26	74.00	26.74
	PK	V	36.30	10.46	-	46.76	74.00	27.24

Test mode : 802.11a 5720 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9151.97	PK	H	40.90	6.76	-	47.66	74.00	26.34
11440.00	PK	H	37.30	10.56	-	47.86	74.00	26.14
	PK	V	36.80	10.56	-	47.36	74.00	26.64

Test mode : 802.11a 5745 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5643.75	PK	V	48.00	2.26	-	50.26	68.20	17.94
5719.77	PK	H	58.80	2.46	-	61.26	110.80	49.54
5724.90	PK	H	71.80	2.46	-	74.26	122.00	47.74
9191.96	PK	H	39.70	6.86	-	46.56	74.00	27.44
11490.00	PK	H	36.70	10.56	-	47.26	74.00	26.74
	PK	V	35.40	10.56	-	45.96	74.00	28.04

Test mode : 802.11a 5785 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
11570.00	PK	H	36.60	10.86	-	47.46	74.00	26.54
	PK	V	36.20	10.86	-	47.06	74.00	26.94

Test mode : 802.11a 5825 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5850.56	PK	V	57.90	2.76	-	60.66	121.00	60.34
5855.18	PK	V	50.00	2.76	-	52.76	110.80	58.04
5925.63	PK	H	44.20	2.86	-	47.06	68.20	21.14
9320.00	PK	H	39.70	7.16	-	46.86	74.00	27.14
11650.00	PK	H	38.00	11.16	-	49.16	74.00	24.84
	PK	V	36.50	11.16	-	47.66	74.00	26.34

Test mode : 802.11n(HT20) 5180 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5149.96	PK	H	54.40	1.36	-	55.76	74.00	18.24
	AV	H	38.00	1.36	0.12	39.48	54.00	14.52
5149.95	PK	V	59.50	1.36	-	60.86	74.00	13.14
	AV	V	41.90	1.36	0.12	43.38	54.00	10.62
8288.00	PK	V	39.00	5.76	-	44.76	74.00	29.24
10360.00	PK	H	37.80	8.76	-	46.56	68.20	21.64
	PK	V	36.70	8.76	-	45.46	68.20	22.74

Test mode : 802.11n(HT20) 5200 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8320.02	PK	V	38.70	5.76	-	44.46	74.00	29.54
10400.00	PK	V	37.80	8.96	-	46.76	68.20	21.44
	PK	H	36.90	8.96	-	45.86	68.20	22.34

Test mode : 802.11n(HT20) 5240 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8384.09	PK	H	38.60	5.86	-	44.46	74.00	29.54
10480.00	PK	H	38.10	9.06	-	47.16	68.20	21.04
	PK	V	38.30	9.06	-	47.36	68.20	20.84

Test mode : 802.11n(HT20) 5260 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10520.00	PK	H	37.70	9.16	-	46.86	68.20	21.34
	PK	V	36.80	9.16	-	45.96	68.20	22.24

Test mode : 802.11n(HT20) 5280 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10560.00	PK	H	36.80	9.26	-	46.06	68.20	22.14
	PK	V	36.40	9.26	-	45.66	68.20	22.54

Test mode : 802.11n(HT20)_ 5320 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.00	PK	H	53.00	1.76	-	54.76	74.00	19.24
	AV	H	38.80	1.76	0.12	40.68	54.00	13.32
	PK	V	60.80	1.76	-	62.56	74.00	11.44
	AV	V	43.10	1.76	0.12	44.98	54.00	9.02
10640.00	PK	H	37.70	9.56	-	47.26	74.00	26.74
	PK	V	37.40	9.56	-	46.96	74.00	27.04

Test mode : 802.11n(HT20)_ 5500 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5459.19	PK	H	50.90	1.96	-	52.86	74.00	21.14
5469.64	PK	H	57.70	1.96	-	59.66	68.20	8.54
5460.00	PK	V	60.30	1.96	-	62.26	74.00	11.74
	AV	V	40.40	1.96	0.12	42.48	54.00	11.52
5469.25	PK	V	61.60	1.96	-	63.56	68.20	4.64
8800.00	PK	H	39.90	6.26	-	46.16	68.20	22.04
	PK	V	38.70	6.26	-	44.96	68.20	23.24
11000.00	PK	H	36.70	10.46	-	47.16	74.00	26.84
	PK	V	35.60	10.46	-	46.06	74.00	27.94

Test mode : 802.11n(HT20)_ 5580 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8928.02	PK	H	41.00	6.36	-	47.36	68.20	20.84
11160.00	PK	H	38.80	10.46	-	49.26	74.00	24.74
	PK	V	35.30	10.46	-	45.76	74.00	28.24

Test mode : 802.11n(HT20)_ 5700 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9119.96	PK	H	40.60	6.76	-	47.36	74.00	26.64
11400.00	PK	H	35.30	10.46	-	45.76	74.00	28.24
	PK	V	35.10	10.46	-	45.56	74.00	28.44

Test mode : 802.11n(HT20) 5720 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9152.02	PK	H	40.80	6.76	-	47.56	74.00	26.44
11440.00	PK	H	36.80	10.56	-	47.36	74.00	26.64
	PK	V	36.40	10.56	-	46.96	74.00	27.04

Test mode : 802.11n(HT20) 5745 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5649.94	PK	V	47.40	2.26	-	49.66	68.20	18.54
5719.88	PK	V	64.70	2.46	-	67.16	110.80	43.64
5723.37	PK	V	72.70	2.46	-	75.16	118.50	43.34
9192.01	PK	H	40.30	6.86	-	47.16	74.00	26.84
11490.00	PK	H	36.80	10.56	-	47.36	74.00	26.64
	PK	V	35.20	10.56	-	45.76	74.00	28.24

Test mode : 802.11n(HT20) 5785 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9256.06	PK	H	39.60	6.96	-	46.56	68.20	21.64
11570.00	PK	H	36.50	10.86	-	47.36	74.00	26.64
	PK	V	36.00	10.86	-	46.86	74.00	27.14

Test mode : 802.11n(HT20) 5825 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5850.09	PK	V	65.20	2.76	-	67.96	122.00	54.04
5857.85	PK	V	52.50	2.76	-	55.26	110.00	54.74
5929.50	PK	H	45.10	2.86	-	47.96	68.20	20.24
9320.02	PK	H	39.50	7.16	-	46.66	74.00	27.34
11650.00	PK	H	37.60	11.16	-	48.76	74.00	25.24
	PK	V	36.40	11.16	-	47.56	74.00	26.44

Test mode : 802.11n(HT40) 5190 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5149.09	PK	H	58.00	1.36	-	59.36	74.00	14.64
	AV	H	43.00	1.36	0.13	44.49	54.00	9.51
5150.00	PK	V	66.50	1.36	-	67.86	74.00	6.14
	AV	V	51.80	1.36	0.13	53.29	54.00	0.71
8304.00	PK	H	39.40	5.76	-	45.16	74.00	28.84
10380.00	PK	H	36.50	8.86	-	45.36	68.20	22.84
	PK	V	37.00	8.86	-	45.86	68.20	22.34

Test mode : 802.11n(HT40) 5230 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8368.00	PK	H	40.00	5.76	-	45.76	74.00	28.24
10460.00	PK	H	36.80	9.06	-	45.86	68.20	22.34
	PK	V	37.70	9.06	-	46.76	68.20	21.44

Test mode : 802.11n(HT40) 5270 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8432.04	PK	H	40.30	5.86	-	46.16	74.00	27.84
10540.00	PK	H	36.30	9.26	-	45.56	68.20	22.64
	PK	V	37.40	9.26	-	46.66	68.20	21.54

Test mode : 802.11n(HT40) 5310 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.00	PK	H	59.20	1.76	-	60.96	74.00	13.04
	AV	H	42.50	1.76	0.13	44.39	54.00	9.61
	PK	V	68.70	1.76	-	70.46	74.00	3.54
	AV	V	51.00	1.76	0.13	52.89	54.00	1.11
10620.00	PK	H	36.80	9.36	-	46.16	74.00	27.84
	PK	V	37.60	9.36	-	46.96	74.00	27.04

Test mode : 802.11n(HT40) 5510 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5459.92	PK	H	47.50	1.96	-	49.46	74.00	24.54
5466.98	PK	H	51.10	1.96	-	53.06	68.20	15.14
5460.00	PK	V	53.10	1.96	-	55.06	74.00	18.94
	AV	V	40.60	1.96	0.13	42.69	54.00	11.31
5466.89	PK	V	61.70	1.96	-	63.66	68.20	4.54
8816.05	PK	V	39.80	6.26	-	46.06	68.20	22.14
11020.00	PK	H	38.90	10.46	-	49.36	74.00	24.64
	PK	V	36.00	10.46	-	46.46	74.00	27.54

Test mode : 802.11n(HT40) 5550 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8880.03	PK	H	40.70	6.16	-	46.86	68.20	21.34
11100.00	PK	H	36.70	10.56	-	47.26	74.00	26.74
	PK	V	35.80	10.56	-	46.36	74.00	27.64

Test mode : 802.11n(HT40) 5670 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9071.99	PK	H	41.20	6.66	-	47.86	74.00	26.14
11340.00	PK	H	37.10	10.56	-	47.66	74.00	26.34
	PK	V	35.20	10.56	-	45.76	74.00	28.24

Test mode : 802.11n(HT40) 5710 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9135.08	PK	H	41.50	6.76	-	48.26	74.00	25.74
11420.00	PK	H	36.70	10.56	-	47.26	74.00	26.74
	PK	V	35.90	10.56	-	46.46	74.00	27.54

Test mode : 802.11n(HT40) 5755 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5646.34	PK	V	49.90	2.26	-	52.16	68.20	16.04
5719.38	PK	V	73.50	2.46	-	75.96	110.70	34.74
5723.84	PK	V	73.90	2.46	-	76.36	119.60	43.24
11510.00	PK	H	36.60	10.56	-	47.16	74.00	26.84
	PK	V	35.80	10.56	-	46.36	74.00	27.64

Test mode : 802.11n(HT40) 5795 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5850.24	PK	V	55.40	2.76	-	58.16	121.70	63.54
5856.94	PK	V	50.20	2.76	-	52.96	110.30	57.34
5927.18	PK	H	44.10	2.86	-	46.96	68.20	21.24
9272.01	PK	H	40.70	7.06	-	47.76	68.20	20.44
11590.00	PK	H	38.10	10.96	-	49.06	74.00	24.94
	PK	V	36.50	10.96	-	47.46	74.00	26.54

Test mode : 802.11ac(VHT80) 5210 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5149.88	PK	H	58.40	1.36	-	59.76	74.00	14.24
	AV	H	43.00	1.36	0.00	44.36	54.00	9.64
5149.92	PK	V	67.80	1.36	-	69.16	74.00	4.84
	AV	V	51.60	1.36	0.00	52.96	54.00	1.04
8336.00	PK	H	39.70	5.76	-	45.46	74.00	28.54
10420.00	PK	H	37.50	8.96	-	46.46	68.20	21.74
	PK	V	37.00	8.96	-	45.96	68.20	22.24

Test mode : 802.11ac(VHT80) 5290 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.00	PK	H	58.70	1.76	-	60.46	74.00	13.54
	AV	H	43.10	1.76	0.00	44.86	54.00	9.14
5352.39	PK	V	66.10	1.76	-	67.86	74.00	6.14
	AV	V	50.30	1.76	0.00	52.06	54.00	1.94
10580.00	PK	H	37.40	9.36	-	46.76	68.20	21.44
	PK	V	35.80	9.36	-	45.16	68.20	23.04

Test mode : 802.11ac(VHT80) 5530 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5459.08	PK	H	50.70	1.96	-	52.66	74.00	21.34
5465.95	PK	H	52.10	1.96	-	54.06	68.20	14.14
5459.94	PK	V	62.00	1.96	-	63.96	74.00	10.04
	AV	V	48.30	1.96	0.00	50.26	54.00	3.74
5469.34	PK	V	62.60	1.96	-	64.56	68.20	3.64
8847.99	PK	H	40.00	6.16	-	46.16	68.20	22.04
11060.00	PK	H	37.10	10.46	-	47.56	74.00	26.44
	PK	V	37.10	10.46	-	47.56	74.00	26.44

Test mode : 802.11ac(VHT80) 5610 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8975.98	PK	H	40.60	6.36	-	46.96	68.20	21.24
11220.00	PK	H	37.50	10.46	-	47.96	74.00	26.04
	PK	V	35.30	10.46	-	45.76	74.00	28.24

Test mode : 802.11ac(VHT80) 5690 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9103.99	PK	H	41.50	6.66	-	48.16	74.00	25.84
11380.00	PK	H	36.50	10.56	-	47.06	74.00	26.94
	PK	V	35.00	10.56	-	45.56	74.00	28.44

Test mode : 802.11ac(VHT80) 5775 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5642.14	PK	V	54.40	2.26	-	56.66	68.20	11.54
5717.41	PK	V	70.80	2.46	-	73.26	110.10	36.84
5724.24	PK	H	74.60	2.46	-	77.06	120.50	43.44
5852.50	PK	H	61.90	2.76	-	64.66	116.50	51.84
5855.91	PK	V	62.90	2.76	-	65.66	110.60	44.94
5929.05	PK	V	44.60	2.86	-	47.46	68.20	20.74
11550.00	PK	H	37.20	10.76	-	47.96	74.00	26.04
	PK	V	35.00	10.76	-	45.76	74.00	28.24

Test mode : 802.11ax(HE20) 5180 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5147.96	PK	H	50.70	1.36	-	52.06	74.00	21.94
5149.80	PK	V	61.10	1.36	-	62.46	74.00	11.54
	AV	V	42.60	1.36	0.14	44.10	54.00	9.90
10360.00	PK	H	37.40	8.76	-	46.16	68.20	22.04
	PK	V	38.50	8.76	-	47.26	68.20	20.94

Test mode : 802.11ax(HE20) 5200 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8320.00	PK	H	39.60	5.76	-	45.36	74.00	28.64
10400.00	PK	H	36.00	8.96	-	44.96	68.20	23.24
	PK	V	36.50	8.96	-	45.46	68.20	22.74

Test mode : 802.11ax(HE20) 5240 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8384.02	PK	H	38.90	5.86	-	44.76	74.00	29.24
10480.00	PK	H	37.50	9.06	-	46.56	68.20	21.64
	PK	V	36.70	9.06	-	45.76	68.20	22.44

Test mode : 802.11ax(HE20) 5260 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10520.00	PK	H	37.20	9.16	-	46.36	68.20	21.84
	PK	V	37.30	9.16	-	46.46	68.20	21.74

Test mode : 802.11ax(HE20) 5280 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10560.00	PK	H	37.70	9.26	-	46.96	68.20	21.24
	PK	V	37.90	9.26	-	47.16	68.20	21.04

Test mode : 802.11ax(HE20) 5320 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.01	PK	H	54.70	1.76	-	56.46	74.00	17.54
	AV	H	39.20	1.76	0.14	41.10	54.00	12.90
5350.04	PK	V	60.20	1.76	-	61.96	74.00	12.04
	AV	V	43.80	1.76	0.14	45.70	54.00	8.30
10640.00	PK	H	37.30	9.56	-	46.86	74.00	27.14
	PK	V	35.90	9.56	-	45.46	74.00	28.54

Test mode : 802.11ax(HE20) 5500 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5460.00	PK	H	55.50	1.96	-	57.46	74.00	16.54
	AV	H	38.90	1.96	0.14	41.00	54.00	13.00
5469.14	PK	H	57.90	1.96	-	59.86	68.20	8.34
5459.96	PK	V	58.10	1.96	-	60.06	74.00	13.94
	AV	V	41.40	1.96	0.14	43.50	54.00	10.50
5469.78	PK	V	61.50	1.96	-	63.46	68.20	4.74
11000.00	PK	H	37.50	10.46	-	47.96	74.00	26.04
	PK	V	37.10	10.46	-	47.56	74.00	26.44

Test mode : 802.11ax(HE20) 5580 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8927.95	PK	H	40.40	6.36	-	46.76	68.20	21.44
11160.00	PK	H	36.30	10.46	-	46.76	74.00	27.24
	PK	V	36.10	10.46	-	46.56	74.00	27.44

Test mode : 802.11ax(HE20) 5700 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9119.99	PK	H	41.00	6.76	-	47.76	74.00	26.24
11400.00	PK	H	37.50	10.46	-	47.96	74.00	26.04
	PK	V	34.80	10.46	-	45.26	74.00	28.74

Test mode : 802.11ax(HE20) 5720 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9152.00	PK	H	40.60	6.76	-	47.36	74.00	26.64
11440.00	PK	H	37.80	10.56	-	48.36	74.00	25.64
	PK	V	35.90	10.56	-	46.46	74.00	27.54

Test mode : 802.11ax(HE20) 5745 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5640.62	PK	V	48.80	2.26	-	51.06	68.20	17.14
5719.03	PK	H	69.30	2.46	-	71.76	110.60	38.84
5722.42	PK	V	73.30	2.46	-	75.76	116.30	40.54
11490.00	PK	H	37.70	10.56	-	48.26	74.00	25.74
	PK	V	36.80	10.56	-	47.36	74.00	26.64

Test mode : 802.11ax(HE20) 5785 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9255.99	PK	H	40.00	6.96	-	46.96	68.20	21.24
11570.00	PK	H	36.10	10.86	-	46.96	74.00	27.04
	PK	V	35.90	10.86	-	46.76	74.00	27.24

Test mode : 802.11ax(HE20) 5825 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5850.28	PK	V	70.50	2.76	-	73.26	121.60	48.34
5855.05	PK	V	53.40	2.76	-	56.16	110.80	54.64
5937.93	PK	H	44.70	2.86	-	47.56	68.20	20.64
11650.00	PK	H	37.30	11.16	-	48.46	74.00	25.54
	PK	V	35.80	11.16	-	46.96	74.00	27.04

Test mode : 802.11ax(HE40) 5190 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5148.46	PK	H	56.00	1.36	-	57.36	74.00	16.64
	AV	H	43.20	1.36	0.15	44.71	54.00	9.29
5150.00	PK	V	65.60	1.36	-	66.96	74.00	7.04
	AV	V	52.10	1.36	0.15	53.61	54.00	0.39
8304.02	PK	H	39.90	5.76	-	45.66	74.00	28.34
10380.00	PK	H	36.00	8.86	-	44.86	68.20	23.34
	PK	V	36.40	8.86	-	45.26	68.20	22.94

Test mode : 802.11ax(HE40) 5230 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10460.00	PK	H	37.70	9.06	-	46.76	68.20	21.44
	PK	V	37.00	9.06	-	46.06	68.20	22.14

Test mode : 802.11ax(HE40) 5270 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10540.00	PK	H	37.30	9.26	-	46.56	68.20	21.64
	PK	V	36.70	9.26	-	45.96	68.20	22.24

Test mode : 802.11ax(HE40) 5310 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.06	PK	H	58.90	1.76	-	60.66	74.00	13.34
	AV	H	43.20	1.76	0.15	45.11	54.00	8.89
5350.02	PK	V	69.00	1.76	-	70.76	74.00	3.24
	AV	V	51.70	1.76	0.15	53.61	54.00	0.39
8619.00	PK	H	39.30	5.96	-	45.26	68.20	22.94
10620.00	PK	H	37.40	9.36	-	46.76	74.00	27.24
	PK	V	36.70	9.36	-	46.06	74.00	27.94

Test mode : 802.11ax(HE40) 5510 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5459.18	PK	H	47.60	1.96	-	49.56	74.00	24.44
5469.64	PK	H	51.70	1.96	-	53.66	68.20	14.54
5460.00	PK	V	57.40	1.96	-	59.36	74.00	14.64
	AV	V	42.20	1.96	0.15	44.31	54.00	9.69
5469.64	PK	V	62.60	1.96	-	64.56	68.20	3.64
8816.00	PK	H	41.90	6.26	-	48.16	68.20	20.04
11020.00	PK	H	38.60	10.46	-	49.06	74.00	24.94
	PK	V	36.60	10.46	-	47.06	74.00	26.94

Test mode : 802.11ax(HE40) 5550 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8879.96	PK	H	42.00	6.16	-	48.16	68.20	20.04
11100.00	PK	H	37.30	10.56	-	47.86	74.00	26.14
	PK	V	37.30	10.56	-	47.86	74.00	26.14

Test mode : 802.11ax(HE40) 5670 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9072.026	PK	H	41.10	6.66	-	47.76	74.00	26.24
11340.00	PK	V	36.00	10.56	-	46.56	74.00	27.44

Test mode : 802.11ax(HE40) 5710 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9136.02	PK	H	41.50	6.76	-	48.26	74.00	25.74
11420.00	PK	H	36.60	10.56	-	47.16	74.00	26.84
	PK	V	35.60	10.56	-	46.16	74.00	27.84

Test mode : 802.11ax(HE40) 5755 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5649.36	PK	V	51.00	2.26	-	53.26	68.20	14.94
5716.43	PK	H	73.60	2.46	-	76.06	109.80	33.74
5725.00	PK	H	73.50	2.46	-	75.96	122.20	46.24
11510.00	PK	H	36.80	10.56	-	47.36	74.00	26.64
	PK	V	35.80	10.56	-	46.36	74.00	27.64

Test mode : 802.11ax(HE40) 5795 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5850.68	PK	V	59.60	2.76	-	62.36	120.70	58.34
5858.04	PK	V	50.60	2.76	-	53.36	110.00	56.64
5927.09	PK	V	43.90	2.86	-	46.76	68.20	21.44
9272.01	PK	H	40.00	7.06	-	47.06	68.20	21.14
11590.00	PK	H	37.00	10.96	-	47.96	74.00	26.04
	PK	V	35.90	10.96	-	46.86	74.00	27.14

Test mode : 802.11ax(HE80) 5210 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5149.84	PK	H	58.10	1.36	-	59.46	74.00	14.54
	AV	H	41.90	1.36	0.10	43.36	54.00	10.64
5149.96	PK	V	67.80	1.36	-	69.16	74.00	4.84
	AV	V	52.10	1.36	0.10	53.56	54.00	0.44
8336.01	PK	H	39.80	5.76	-	45.56	74.00	28.44
10420.00	PK	H	37.50	8.96	-	46.46	88.20	41.74
	PK	V	37.30	8.96	-	46.26	88.20	41.94

Test mode : 802.11ax(HE80) 5290 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5351.81	PK	H	58.10	1.76	-	59.86	74.00	14.14
	AV	H	43.20	1.76	0.10	45.06	54.00	8.94
5352.41	PK	V	67.50	1.76	-	69.26	74.00	4.74
	AV	V	50.80	1.76	0.10	52.66	54.00	1.34
10580.00	PK	H	37.10	9.36	-	46.46	88.20	41.74
	PK	V	36.60	9.36	-	45.96	88.20	42.24

Test mode : 802.11ax(HE80) 5530 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5459.94	PK	H	52.60	1.96	-	54.56	74.00	19.44
	AV	H	39.60	1.96	0.10	41.66	54.00	12.34
5465.32	PK	H	52.10	1.96	-	54.06	68.20	14.14
5459.99	PK	V	60.00	1.96	-	61.96	74.00	12.04
	AV	V	48.50	1.96	0.10	50.56	54.00	3.44
5468.49	PK	V	64.80	1.96	-	66.76	68.20	1.44
8848.05	PK	H	40.10	6.16	-	46.26	88.20	41.94
11060.00	PK	H	37.70	10.46	-	48.16	74.00	25.84
	PK	V	36.10	10.46	-	46.56	74.00	27.44

Test mode : 802.11ax(HE80) 5610 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8976.09	PK	H	40.70	6.36	-	47.06	88.20	41.14
11220.00	PK	H	37.00	10.46	-	47.46	74.00	26.54
	PK	V	37.20	10.46	-	47.66	74.00	26.34

Test mode : 802.11ax(HE80) 5690 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9104.02	PK	H	40.40	6.66	-	47.06	74.00	26.94
11380.00	PK	H	35.80	10.56	-	46.36	74.00	27.64
	PK	V	35.20	10.56	-	45.76	74.00	28.24

Test mode : 802.11ax(HE80) 5775 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5645.19	PK	V	55.40	2.26	-	57.66	68.20	10.54
5647.44	PK	H	51.80	2.26	-	54.06	68.20	14.14
5719.82	PK	V	71.60	2.46	-	74.06	110.80	36.74
5724.76	PK	V	73.30	2.46	-	75.76	121.70	45.94
5852.37	PK	V	64.80	2.76	-	67.56	116.80	49.24
5936.00	PK	V	45.30	2.86	-	48.16	68.20	20.04
9240.02	PK	H	39.70	6.96	-	46.66	88.20	41.54
11550.00	PK	H	37.80	10.76	-	48.56	74.00	25.44
	PK	V	34.70	10.76	-	45.46	74.00	28.54

Test mode : 802.11be(EHT20) 5180 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5149.80	PK	H	51.00	1.36	-	52.36	74.00	21.64
5150.00	PK	V	60.70	1.36	-	62.06	74.00	11.94
	AV	V	42.60	1.36	0.00	43.96	54.00	10.04
8287.98	PK	H	39.10	5.76	-	44.86	74.00	29.14
	PK	V	38.10	5.76	-	43.86	74.00	30.14
10360.00	PK	H	38.10	8.76	-	46.86	68.20	21.34
	PK	V	36.60	8.76	-	45.36	68.20	22.84

Test mode : 802.11be(EHT20) 5200 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10400.00	PK	H	37.10	8.96	-	46.06	68.20	22.14
	PK	V	36.90	8.96	-	45.86	68.20	22.34

Test mode : 802.11be(EHT20) 5240 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10480.00	PK	H	38.00	9.06	-	47.06	68.20	21.14
	PK	V	36.80	9.06	-	45.86	68.20	22.34

Test mode : 802.11be(EHT20) 5260 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10520.00	PK	H	39.40	9.16	-	48.56	68.20	19.64
	PK	V	36.40	9.16	-	45.56	68.20	22.64

Test mode : 802.11be(EHT20) 5280 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8448.01	PK	H	39.70	5.86	-	45.56	74.00	28.44
10560.00	PK	H	36.90	9.26	-	46.16	68.20	22.04
	PK	V	37.80	9.26	-	47.06	68.20	21.14

Test mode : 802.11be(EHT20) 5320 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.00	PK	H	54.30	1.76	-	56.06	74.00	17.94
	AV	H	39.20	1.76	0.00	40.96	54.00	13.04
5350.04	PK	V	59.50	1.76	-	61.26	74.00	12.74
	AV	V	43.60	1.76	0.00	45.36	54.00	8.64
10640.00	PK	H	37.30	9.56	-	46.86	74.00	27.14
	PK	V	36.50	9.56	-	46.06	74.00	27.94

Test mode : 802.11be(EHT20) 5500 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5460.00	PK	H	56.60	1.96	-	58.56	74.00	15.44
	AV	H	38.90	1.96	0.00	40.86	54.00	13.14
5469.40	PK	H	60.20	1.96	-	62.16	68.20	6.04
5459.98	PK	V	60.90	1.96	-	62.86	74.00	11.14
	AV	V	41.40	1.96	0.00	43.36	54.00	10.64
5463.01	PK	V	60.80	1.96	-	62.76	68.20	5.44
8799.09	PK	V	39.70	6.26	-	45.96	68.20	22.24
11000.00	PK	H	37.80	10.46	-	48.26	74.00	25.74
	PK	V	37.90	10.46	-	48.36	74.00	25.64

Test mode : 802.11be(EHT20) 5580 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8928.00	PK	H	40.70	6.36	-	47.06	68.20	21.14
11160.00	PK	H	35.90	10.46	-	46.36	74.00	27.64
	PK	V	37.20	10.46	-	47.66	74.00	26.34

Test mode : 802.11be(EHT20) 5700 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9120.00	PK	H	41.60	6.76	-	48.36	74.00	25.64
11400.00	PK	H	36.10	10.46	-	46.56	74.00	27.44
	PK	V	34.60	10.46	-	45.06	74.00	28.94

Test mode : 802.11be(EHT20) 5720 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9152.01	PK	H	40.80	6.76	-	47.56	74.00	26.44
11440.00	PK	H	37.00	10.56	-	47.56	74.00	26.44
	PK	V	37.10	10.56	-	47.66	74.00	26.34

Test mode : 802.11be(EHT20) 5745 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5647.37	PK	V	48.90	2.26	-	51.16	68.20	17.04
5719.60	PK	V	72.50	2.46	-	74.96	110.70	35.74
5724.02	PK	H	73.10	2.46	-	75.56	120.00	44.44
9192.03	PK	H	39.50	6.86	-	46.36	74.00	27.64
11490.00	PK	H	37.00	10.56	-	47.56	74.00	26.44
	PK	V	35.60	10.56	-	46.16	74.00	27.84

Test mode : 802.11be(EHT20) 5785 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9256.00	PK	H	39.70	6.96	-	46.66	68.20	21.54
11570.00	PK	H	37.70	10.86	-	48.56	74.00	25.44
	PK	V	36.30	10.86	-	47.16	74.00	26.84

Test mode : 802.11be(EHT20) 5825 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5850.25	PK	V	73.30	2.76	-	76.06	121.70	45.64
5856.23	PK	V	52.60	2.76	-	55.36	110.50	55.14
5927.26	PK	V	44.30	2.86	-	47.16	68.20	21.04
9319.96	PK	H	40.20	7.16	-	47.36	74.00	26.64
11650.00	PK	H	36.30	11.16	-	47.46	74.00	26.54
	PK	V	36.80	11.16	-	47.96	74.00	26.04

Test mode : 802.11be(EHT40) 5190 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5148.41	PK	H	57.80	1.36	-	59.16	74.00	14.84
	AV	H	42.00	1.36	0.10	43.46	54.00	10.54
5150.00	PK	V	69.50	1.36	-	70.86	74.00	3.14
	AV	V	51.90	1.36	0.10	53.36	54.00	0.64
10380.00	PK	H	36.70	8.86	-	45.56	68.20	22.64
	PK	V	36.50	8.86	-	45.36	68.20	22.84

Test mode : 802.11be(EHT40) 5230 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8368.00	PK	H	40.90	5.76	-	46.66	74.00	27.34
10460.00	PK	H	38.30	9.06	-	47.36	68.20	20.84
	PK	V	37.50	9.06	-	46.56	68.20	21.64

Test mode : 802.11be(EHT40) 5270 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
10540.00	PK	H	37.60	9.26	-	46.86	68.20	21.34
	PK	V	37.00	9.26	-	46.26	68.20	21.94

Test mode : 802.11be(EHT40) 5310 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5350.04	PK	H	58.80	1.76	-	60.56	74.00	13.44
	AV	H	42.90	1.76	0.10	44.76	54.00	9.24
5350.02	PK	V	69.00	1.76	-	70.76	74.00	3.24
	AV	V	51.40	1.76	0.10	53.26	54.00	0.74
8496.00	PK	H	40.10	5.86	-	45.96	74.00	28.04
10620.00	PK	H	36.70	9.36	-	46.06	74.00	27.94
	PK	V	35.80	9.36	-	45.16	74.00	28.84

Test mode : 802.11be(EHT40) 5510 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5459.18	PK	H	48.90	1.96	-	50.86	74.00	23.14
5466.88	PK	H	53.30	1.96	-	55.26	68.20	12.94
5460.00	PK	V	59.70	1.96	-	61.66	74.00	12.34
	AV	V	42.10	1.96	0.10	44.16	54.00	9.84
5468.71	PK	V	63.00	1.96	-	64.96	68.20	3.24
8816.04	PK	H	40.50	6.26	-	46.76	68.20	21.44
	PK	V	39.50	6.26	-	45.76	68.20	22.44
11020.00	PK	H	37.10	10.46	-	47.56	74.00	26.44
	PK	V	36.20	10.46	-	46.66	74.00	27.34

Test mode : 802.11be(EHT40) 5550 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8880.00	PK	H	40.70	6.16	-	46.86	68.20	21.34
	PK	V	38.70	6.16	-	44.86	68.20	23.34
11100.00	PK	H	35.90	10.56	-	46.46	74.00	27.54
	PK	V	36.20	10.56	-	46.76	74.00	27.24

Test mode : 802.11be(EHT40) 5670 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9072.03	PK	H	40.30	6.66	-	46.96	74.00	27.04
11340.00	PK	H	38.10	10.56	-	48.66	74.00	25.34
	PK	V	36.20	10.56	-	46.76	74.00	27.24

Test mode : 802.11be(EHT40) 5710 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9135.99	PK	H	41.40	6.76	-	48.16	74.00	25.84
11420.00	PK	H	37.20	10.56	-	47.76	74.00	26.24
	PK	V	35.70	10.56	-	46.26	74.00	27.74

Test mode : 802.11be(EHT40) 5755 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5648.56	PK	V	49.10	2.26	-	51.36	68.20	16.84
5718.52	PK	V	74.40	2.46	-	76.86	110.40	33.54
5721.48	PK	V	73.70	2.46	-	76.16	114.20	38.04
11510.00	PK	H	37.20	10.56	-	47.76	74.00	26.24
	PK	V	35.30	10.56	-	45.86	74.00	28.14

Test mode : 802.11be(EHT40) 5795 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5850.12	PK	V	60.10	2.76	-	62.86	122.00	59.14
5855.81	PK	V	51.20	2.76	-	53.96	110.60	56.64
5928.72	PK	H	43.70	2.86	-	46.56	68.20	21.64
9272.01	PK	H	40.10	7.06	-	47.16	68.20	21.04
11590.00	PK	H	37.70	10.96	-	48.66	74.00	25.34
	PK	V	37.20	10.96	-	48.16	74.00	25.84

Test mode : 802.11be(EHT80) 5210 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5150.00	PK	H	55.10	1.36	-	56.46	74.00	17.54
	AV	H	43.10	1.36	0.13	44.59	54.00	9.41
5149.84	PK	V	66.60	1.36	-	67.96	74.00	6.04
	AV	V	52.10	1.36	0.13	53.59	54.00	0.41
10420.00	PK	H	37.10	8.96	-	46.06	68.20	22.14
	PK	V	37.20	8.96	-	46.16	68.20	22.04

Test mode : 802.11be(EHT80) 5290 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5351.98	PK	H	58.40	1.76	-	60.16	74.00	13.84
	AV	H	43.30	1.76	0.13	45.19	54.00	8.81
5352.65	PK	V	68.20	1.76	-	69.96	74.00	4.04
	AV	V	50.80	1.76	0.13	52.69	54.00	1.31
8463.98	PK	H	39.70	5.86	-	45.56	74.00	28.44
10580.00	PK	H	37.10	9.36	-	46.46	68.20	21.74
	PK	V	36.10	9.36	-	45.46	68.20	22.74

Test mode : 802.11be(EHT80) 5530 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5459.96	PK	H	54.50	1.96	-	56.46	74.00	17.54
	AV	H	39.70	1.96	0.13	41.79	54.00	12.21
5467.27	PK	H	52.40	1.96	-	54.36	68.20	13.84
5458.90	PK	V	64.00	1.96	-	65.96	74.00	8.04
	AV	V	48.40	1.96	0.13	50.49	54.00	3.51
5468.98	PK	V	63.90	1.96	-	65.86	68.20	2.34
8848.00	PK	H	41.20	6.16	-	47.36	68.20	20.84
11060.00	PK	H	36.80	10.46	-	47.26	74.00	26.74
	PK	V	37.50	10.46	-	47.96	74.00	26.04

Test mode : 802.11be(EHT80) 5610 MHz

Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
8975.91	PK	H	39.90	6.36	-	46.26	68.20	21.94
11220.00	PK	H	37.10	10.46	-	47.56	74.00	26.44
	PK	V	36.30	10.46	-	46.76	74.00	27.24

Test mode : 802.11be(EHT80) 5690 MHz

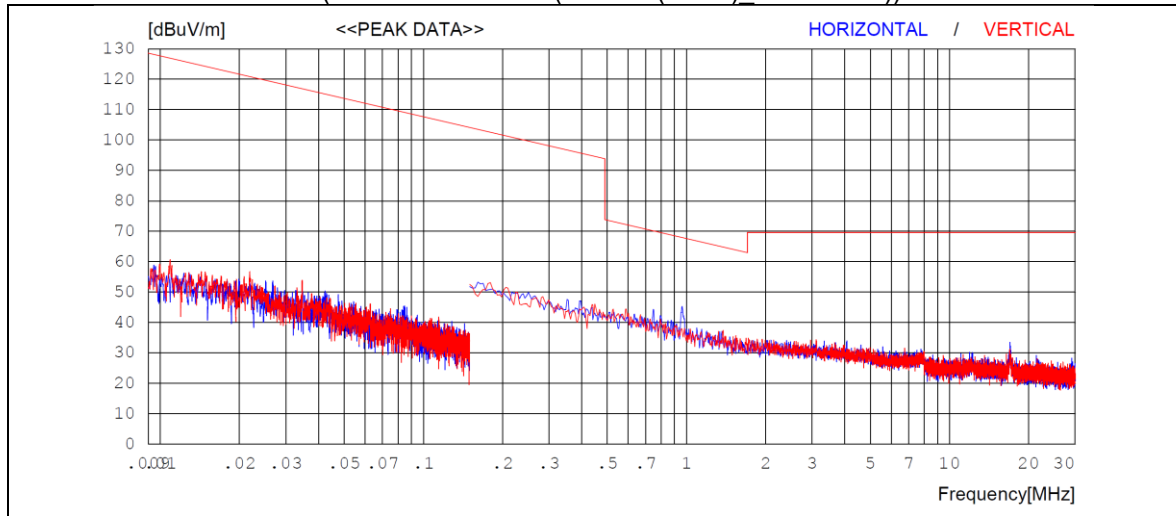
Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
9103.97	PK	H	40.80	6.66	-	47.46	74.00	26.54
11380.00	PK	H	36.80	10.56	-	47.36	74.00	26.64
	PK	V	35.80	10.56	-	46.36	74.00	27.64

Test mode : 802.11be(EHT80) 5775 MHz

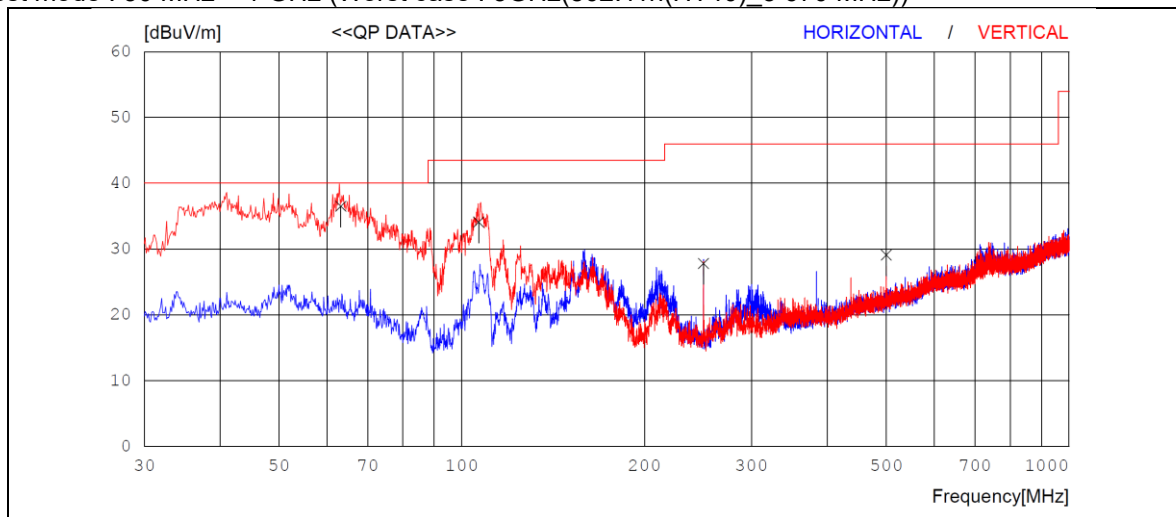
Frequency (MHz)	Detector	Pol. (V/H)	Reading (dBμV)	Factor (dB)	Dutycycle Factor (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5649.52	PK	V	55.40	2.26	-	57.66	68.20	10.54
5719.05	PK	V	72.10	2.46	-	74.56	110.60	36.04
5724.61	PK	H	75.00	2.46	-	77.46	121.30	43.84
5854.72	PK	H	61.60	2.76	-	64.36	111.50	47.14
5855.39	PK	V	62.50	2.76	-	65.26	110.70	45.44
5926.89	PK	V	44.20	2.86	-	47.06	68.20	21.14
8975.91	PK	H	39.90	6.36	-	46.26	68.20	21.94
11220.00	PK	H	37.10	10.46	-	47.56	74.00	26.44
	PK	V	36.30	10.46	-	46.76	74.00	27.24

4.3.6.6 Measurement Plot

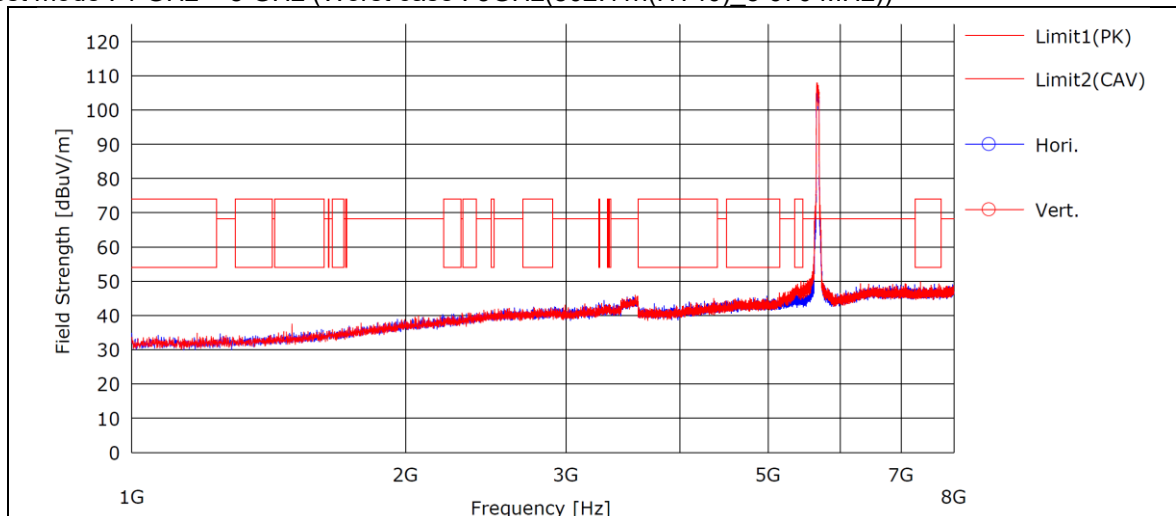
Test mode : 9 kHz ~ 30 MHz (Worst case : 5GHz(802.11n(HT40)_5 670 MHz))



Test mode : 30 MHz ~ 1 GHz (Worst case : 5GHz(802.11n(HT40)_5 670 MHz))

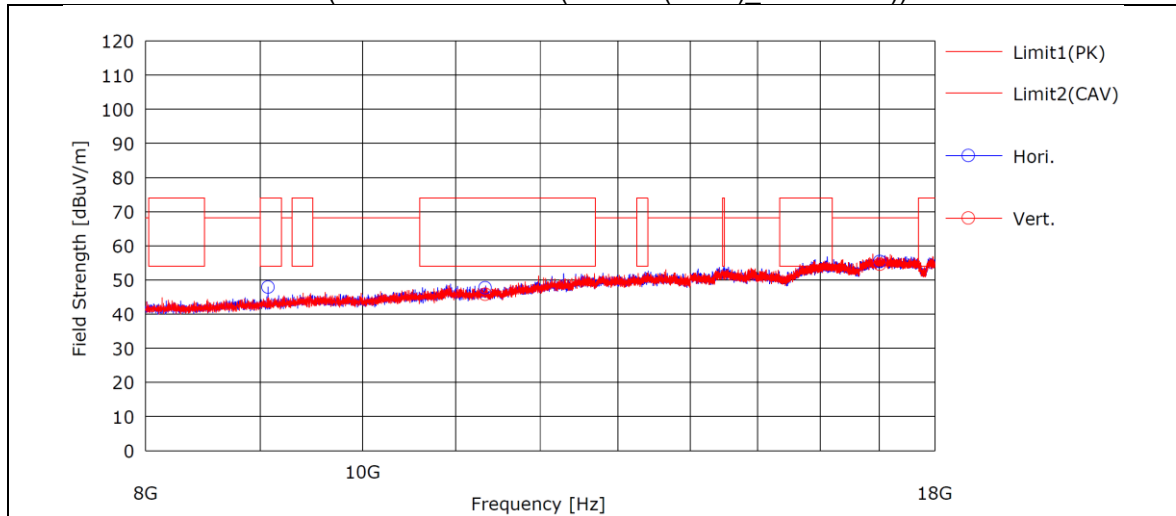


Test mode : 1 GHz ~ 8 GHz (Worst case : 5GHz(802.11n(HT40)_5 670 MHz))



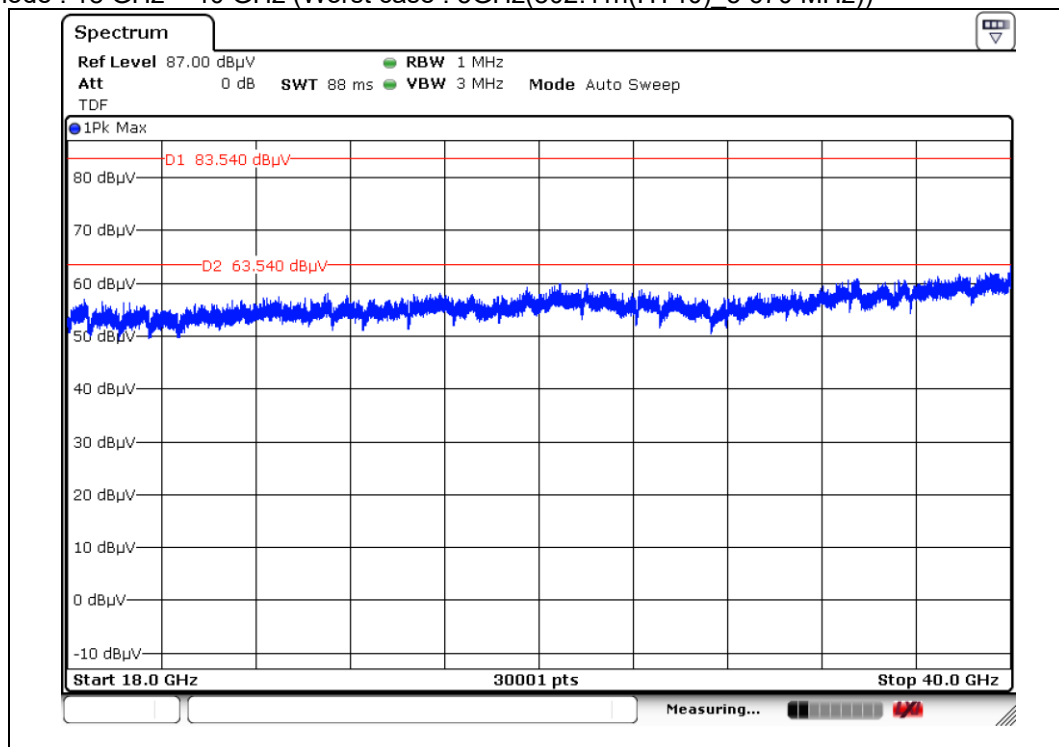
Note 1 : Measured distance : 1 m
Note 2 : Limit : Peak : 74 dBuV/m, Average : 54 dBuV/m

Test mode : 8 GHz ~ 18 GHz (Worst case : 5GHz(802.11n(HT40)_5 670 MHz))



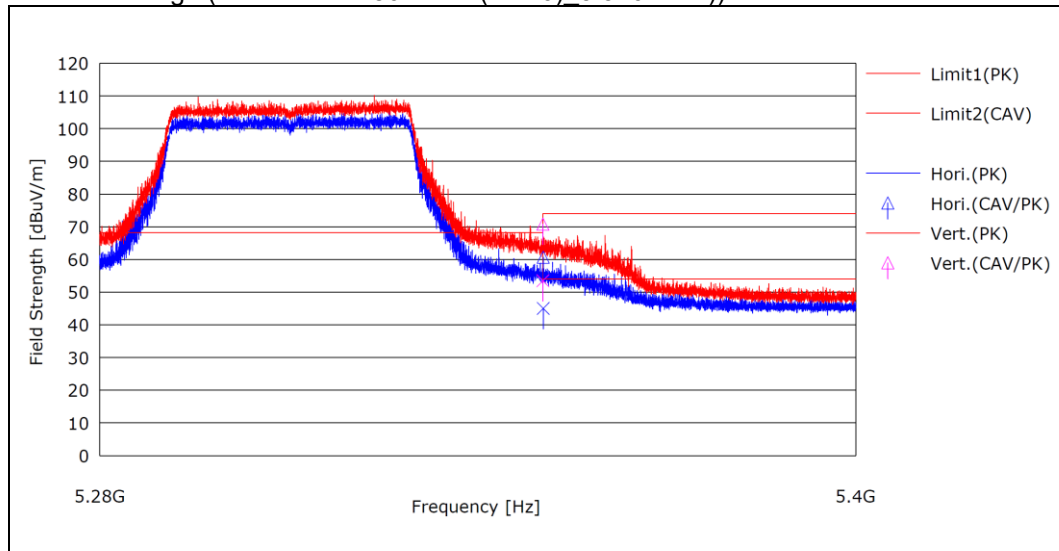
Note 1 : Measured distance : 1 m
Note 2 : Limit : Peak : 74 dBuV/m, Average : 54 dBuV/m

Test mode : 18 GHz ~ 40 GHz (Worst case : 5GHz(802.11n(HT40)_5 670 MHz))



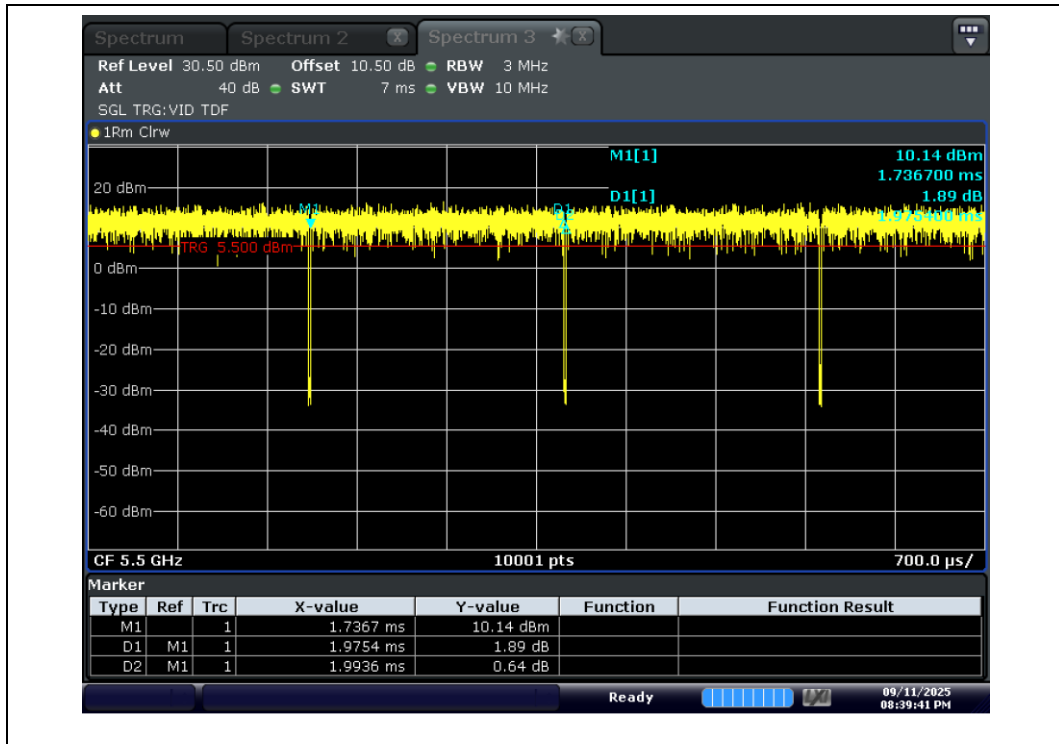
NOTE 1 : Measured distance : 1 m
NOTE 2 : Limit : Peak : 83.54 dBuV/m, Average : 63.54 dBuV/m

Test mode : Bandedge (Worst case : 802.11ax(HE40) 5 310 MHz))



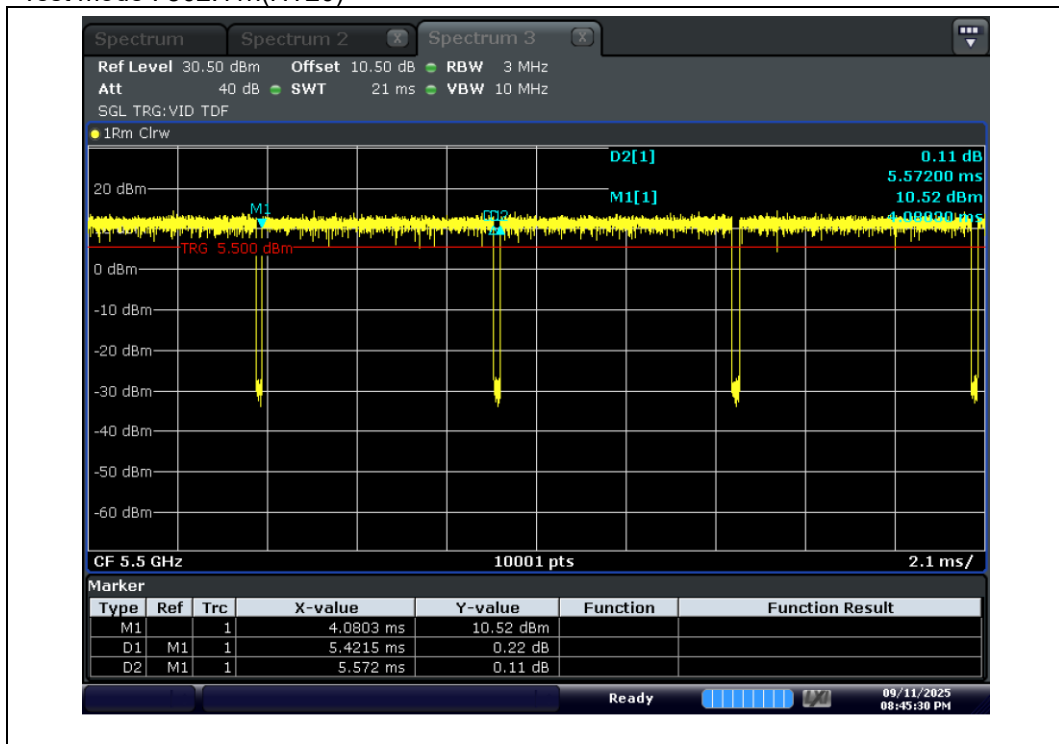
4.3.6.7 Measurement Plot_Dutycycle

Test mode : 802.11a



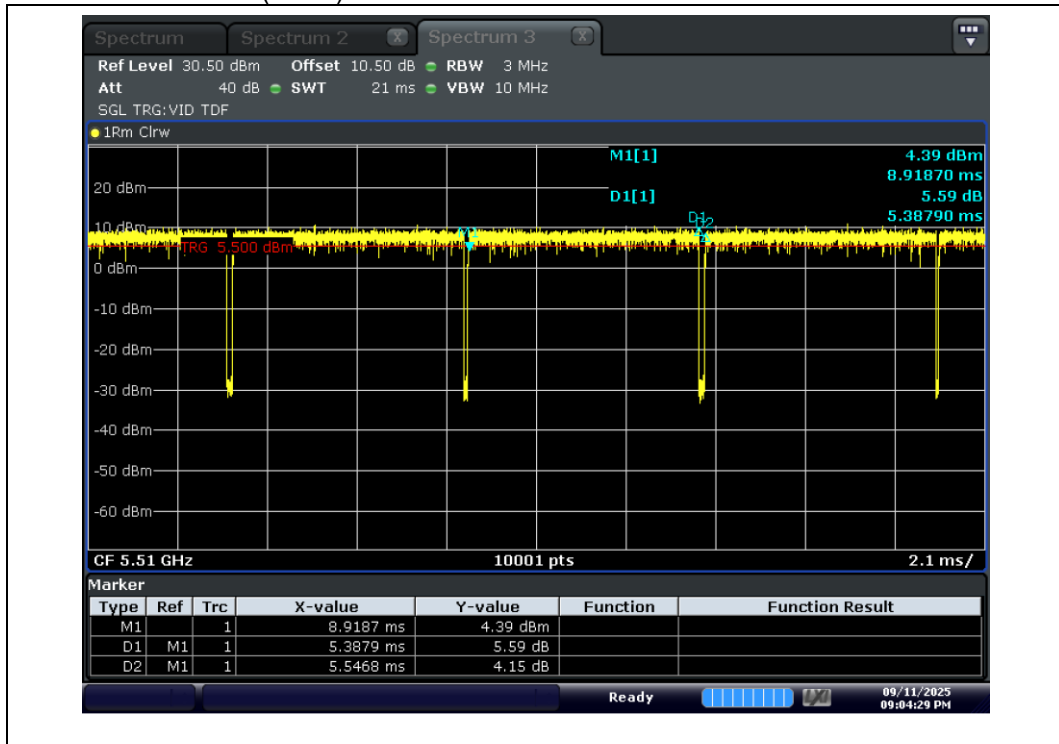
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.04$ dB

Test mode : 802.11n(HT20)



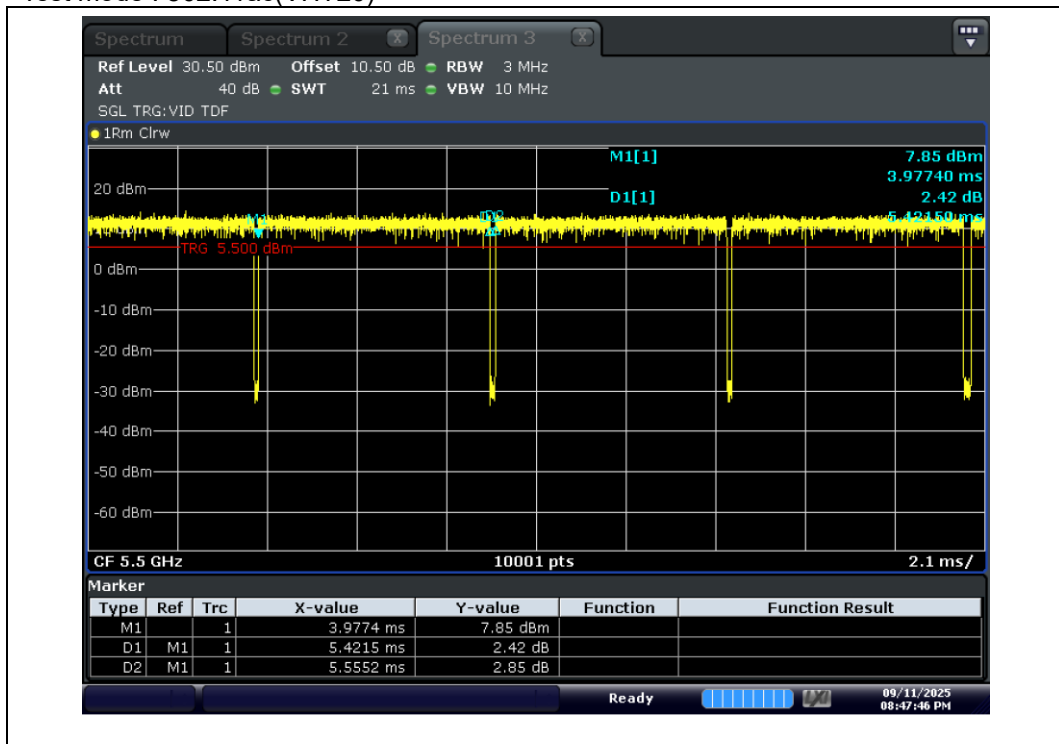
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.12$ dB

Test mode : 802.11n(HT40)



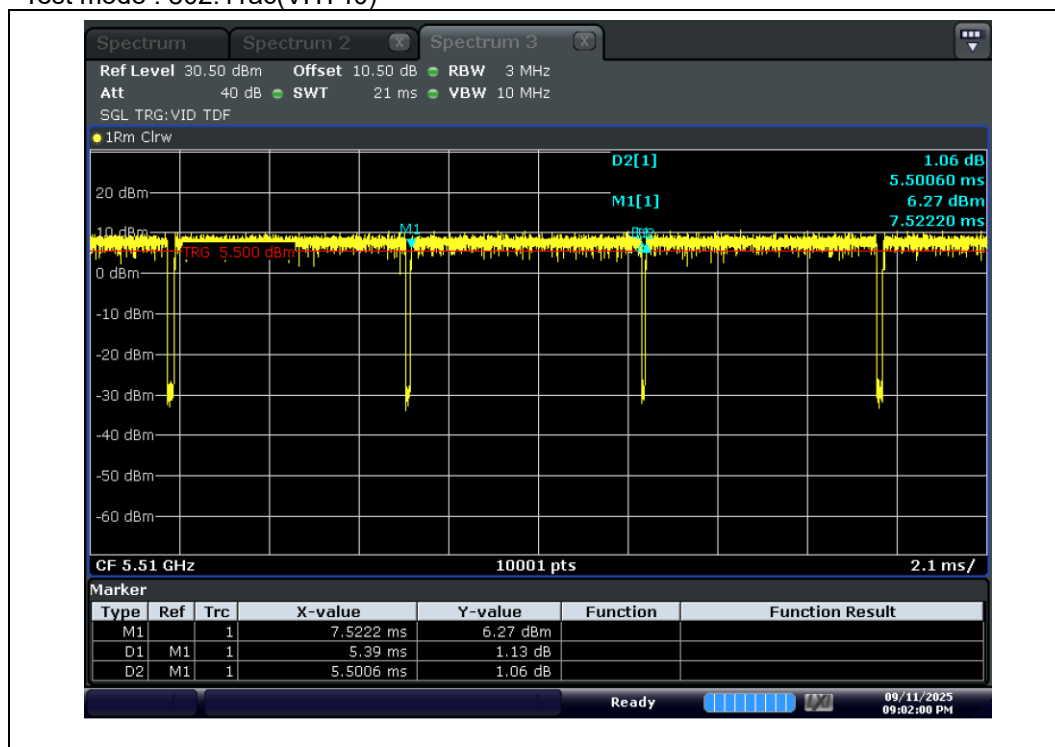
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.13 \text{ dB}$

Test mode : 802.11ac(VHT20)



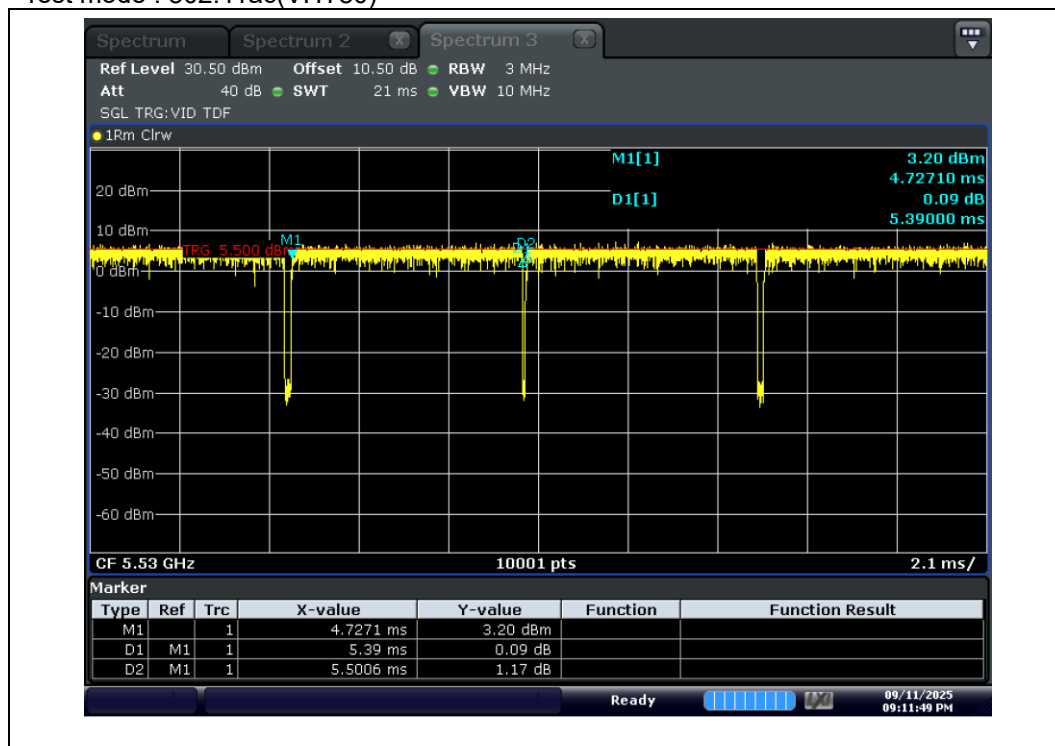
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.11 \text{ dB}$

Test mode : 802.11ac(VHT40)



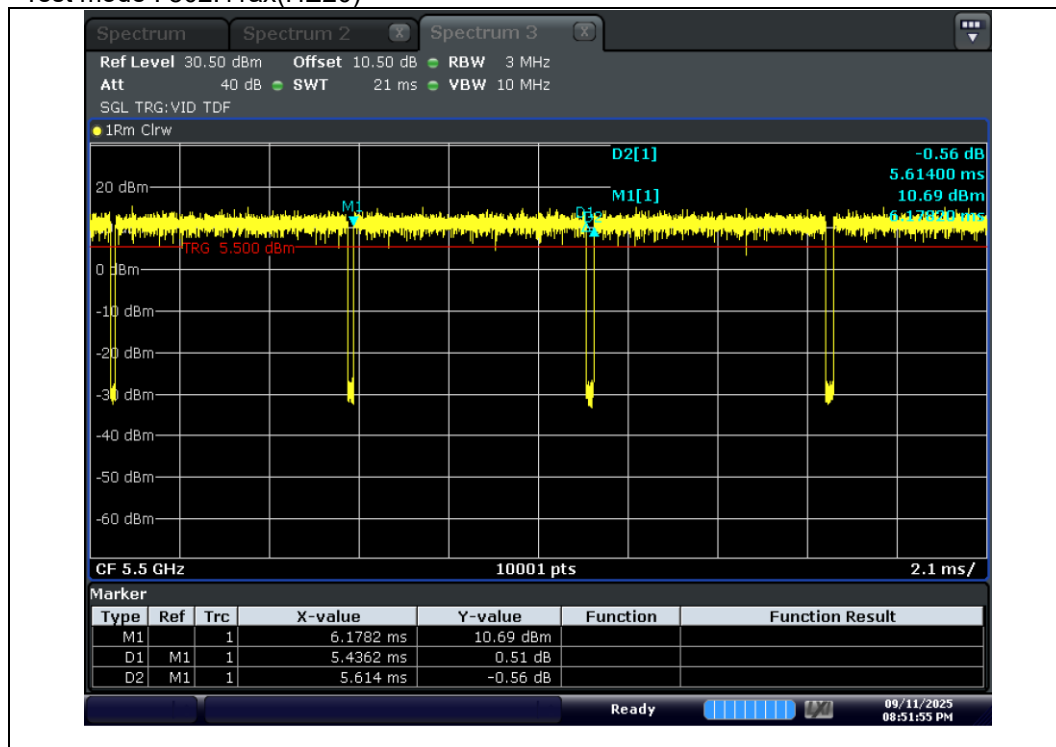
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.09$ dB

Test mode : 802.11ac(VHT80)



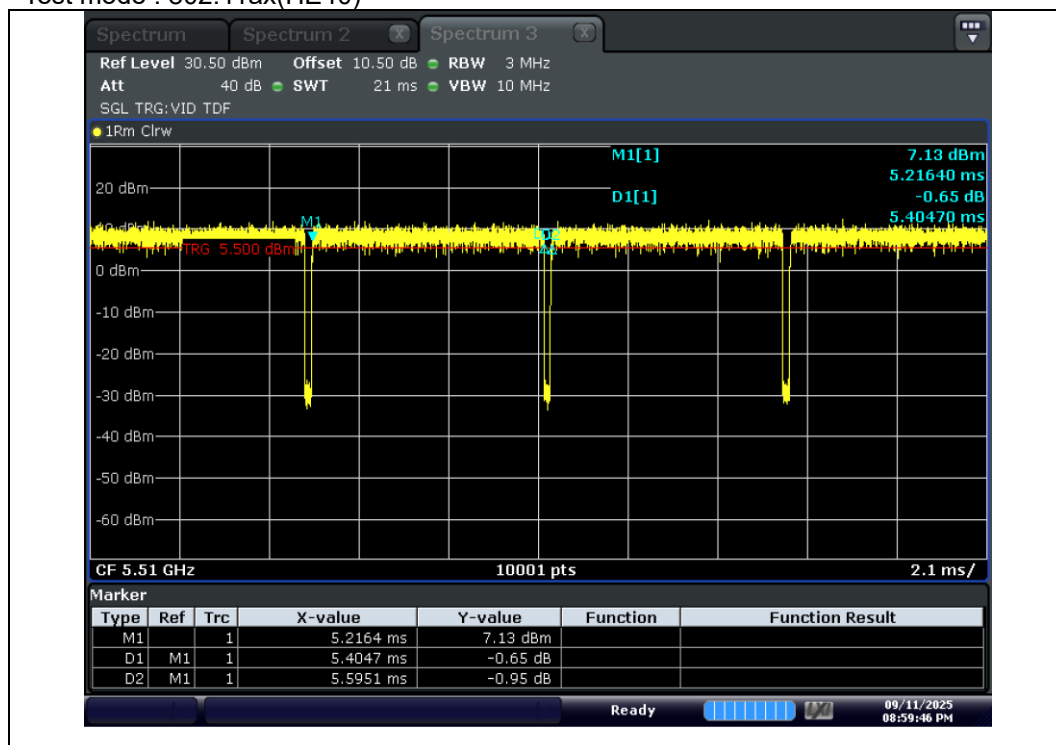
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.09$ dB

Test mode : 802.11ax(HE20)



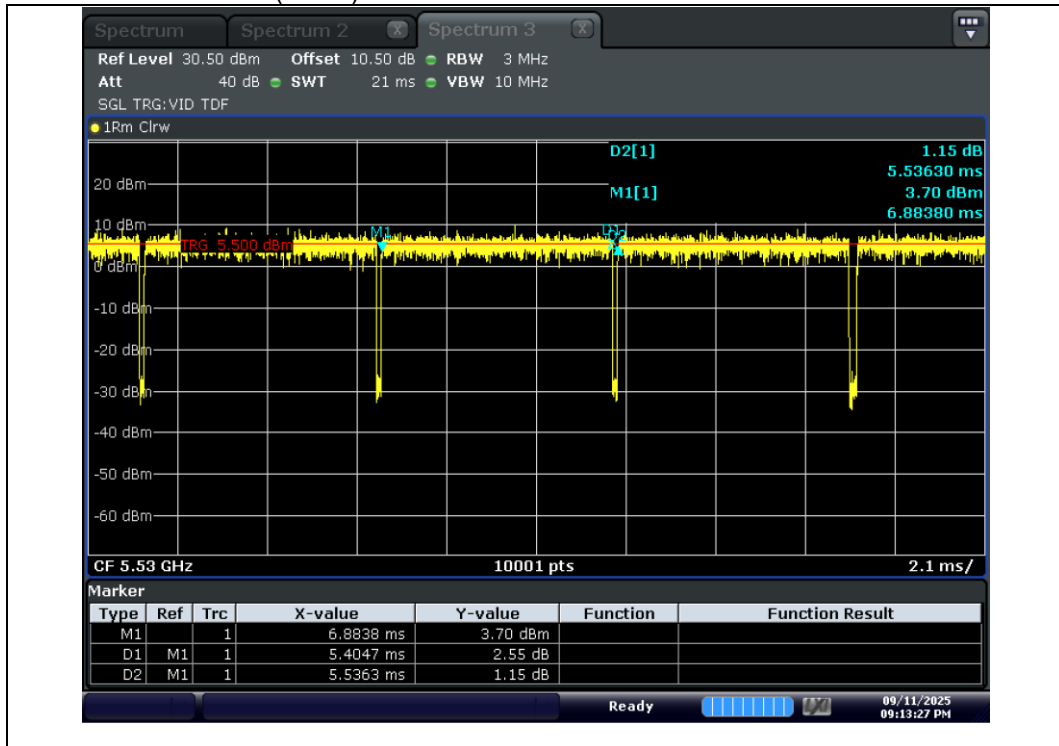
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.14 \text{ dB}$

Test mode : 802.11ax(HE40)



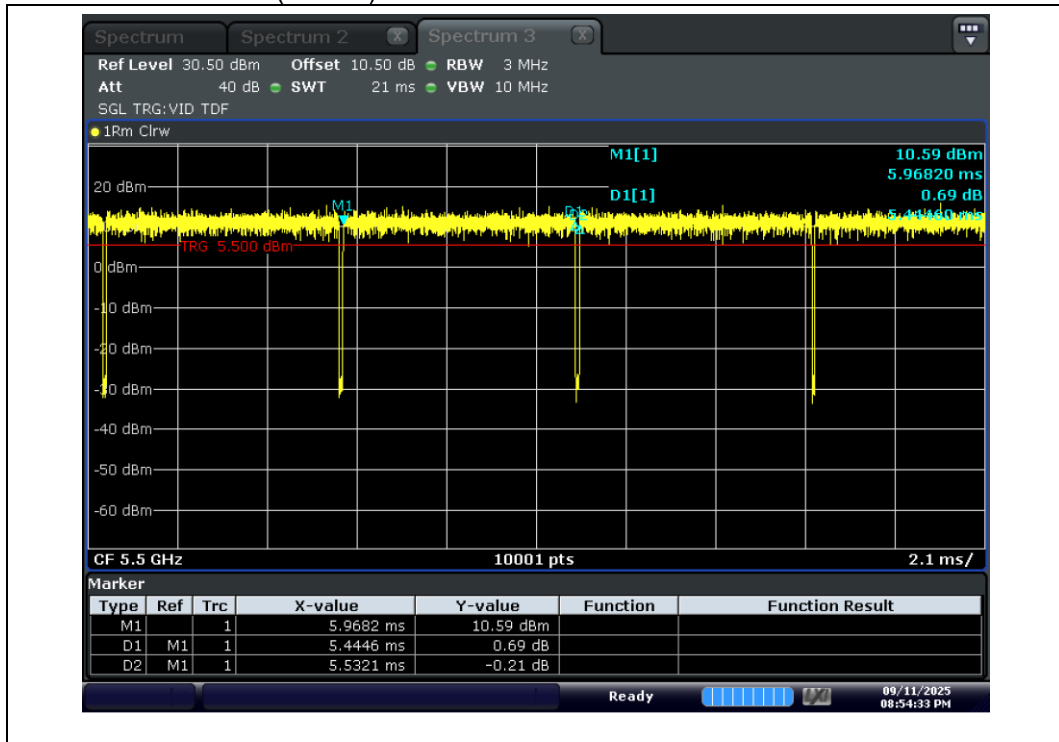
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.15 \text{ dB}$

Test mode : 802.11ax(HE80)



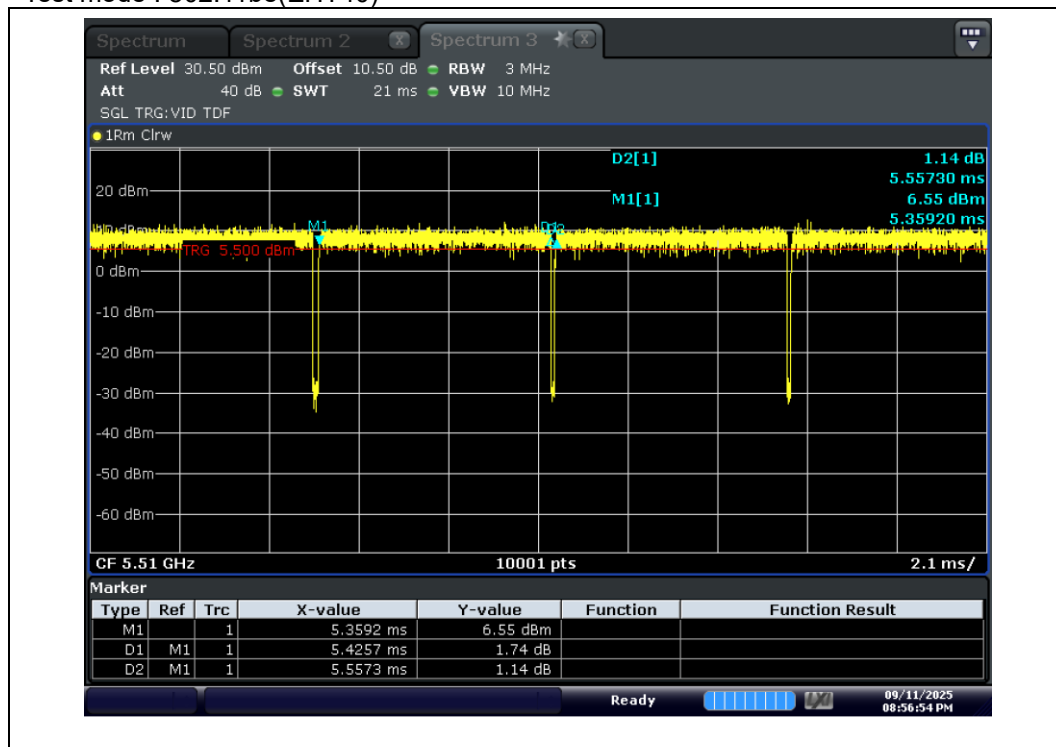
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.10 \text{ dB}$

Test mode : 802.11be(EHT20)



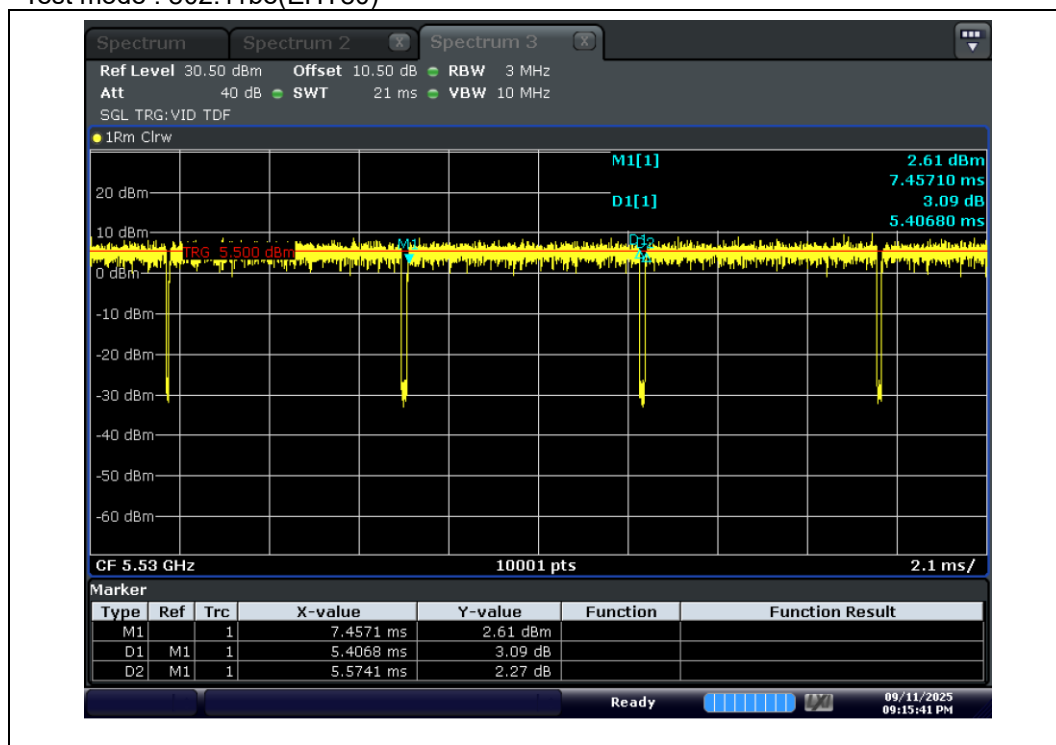
Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.07 \text{ dB}$

Test mode : 802.11be(EHT40)



Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.10 \text{ dB}$

Test mode : 802.11be(EHT80)



Average factor(dB) : $10\log(\text{ontime}/\text{period}) = 0.13 \text{ dB}$

4.3.7 Conducted Emission

4.3.7.1 Regulation

According to §15.207(a), and RSS-GEN 8.8 for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56 *	56 to 46 *
0.5 – 5	56	46
5 - 30	60	50

* Decreases with the logarithm of the frequency.

According to §15.107(a), for unintentional device, except for Class A digital devices, line conducted emission limits are the same as the above table.

4.3.7.2 Measurement Procedure

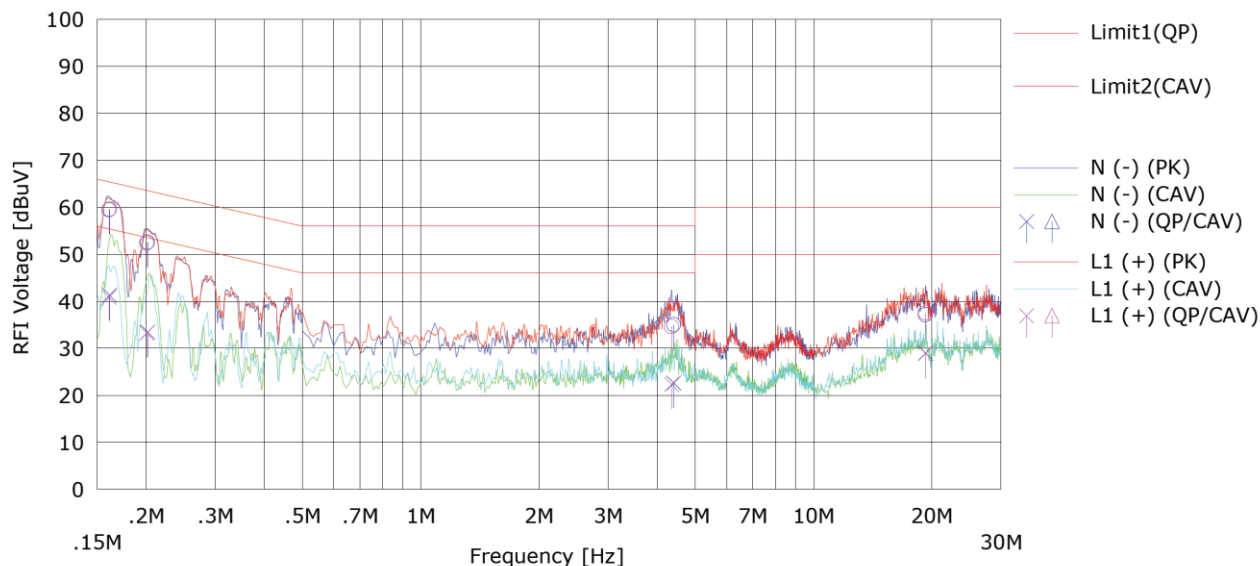
- 1) The EUT was placed on a wooden table of size, 1 m by 1.5 m, raised 80 cm in which is located 40 cm away from the vertical wall and 1.5 m away from the side wall of the shielded room.
- 2) Each current-carrying conductor of the EUT power cord was individually connected through a 50 Ω /50 μ H LISN, which is an input transducer to a Spectrum Analyzer or an EMI/Field Intensity Meter, to the input power source.
- 3) Exploratory measurements were made to identify the frequency of the emission that had the highest amplitude relative to the limit by operating the EUT in a range of typical modes of operation, cable position, and with a typical system equipment configuration and arrangement. Based on the exploratory tests of the EUT, the one EUT cable configuration and arrangement and mode of operation that had produced the emission with the highest amplitude relative to the limit was selected for the final measurement.
- 4) The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment is the system) was then performed over the frequency range of 0.15 MHz to 30 MHz.
- 5) The measurements were made with the detector set to PEAK amplitude within a bandwidth of 10 kHz or to QUASIPeAK and AVERAGE within a bandwidth of 9 kHz. The EUT was in transmitting mode during the measurements.

4.3.7.3 Result

Comply (measurement data : refer to the next page)

4.3.7.4 Measurement data

Test mode : 802.11n(HT40)_5 670 MHz



NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.16146	39.5	21.2	20.1	59.5	41.3	65.4	55.4	5.9	14.1	N (-)
2	0.20177	32.5	13.4	20.0	52.5	33.4	63.5	53.5	11.0	20.1	N (-)
3	4.40638	15.0	2.6	20.0	35.0	22.6	56.0	46.0	21.0	23.4	N (-)
4	19.27805	16.5	8.4	20.6	37.1	29.0	60.0	50.0	22.9	21.0	N (-)
5	0.16075	39.3	20.8	20.1	59.4	40.9	65.4	55.4	6.0	14.5	L1 (+)
6	0.20079	32.3	13.2	20.1	52.4	33.3	63.6	53.6	11.2	20.3	L1 (+)
7	4.35105	14.6	2.3	20.0	34.6	22.3	56.0	46.0	21.4	23.7	L1 (+)
8	19.25873	17.0	8.4	20.5	37.5	28.9	60.0	50.0	22.5	21.1	L1 (+)

APPENDIX I

TEST EQUIPMENT USED FOR TESTS

To facilitate inclusion on each page of the test equipment used for related tests, each item of test equipment.

Equipment	Manufacturer	Model	Serial No.	Cal. Date (yy.mm.dd)	Next Cal.Date (yy.mm.dd)
FSV Signal Analyzer	ROHDE&SCHWARZ	FSV30	103370	2025-10-01	2026-10-01
FSV Signal Analyzer	ROHDE&SCHWARZ	FSV40	101010	2025-04-01	2026-04-01
PXA Signal Analyzer	KEYSIGHT	N9030A	MY54410264	2025-11-04	2026-11-04
ATTENUATOR	WEINSCHTEL	54A-10	69672	2025-09-30	2026-09-30
Digital MultiMeter	HP	34401A	US36025428	2025-01-02	2026-01-02
Humidity & Temp. chamber	SJ SCIENCE	SJ-TH-S50	170719	2025-04-02	2026-04-02
Power Sensor	KEYSIGHT	U2022XA	MY55320008	2025-08-07	2026-08-07
DC POWER SUPPLY	AGILENT	E3632A	MY51160055	2025-04-01	2026-04-01
Signal Generator	ROHDE&SCHWARZ	SMB100A	178384	2025-10-01	2026-10-01
POWER DIVIDER	WEINSCHTEL	1580-1	SQ747	2025-04-02	2026-04-02
POWER DIVIDER	WEINSCHTEL	1580-1	SQ748	2025-04-02	2026-04-02
ATTENUATOR	INMET	26A-30	TR013	2025-10-01	2026-10-01
TERMINATION	Agilent	909D	51640	2025-08-07	2026-08-07
Vector Signal Generator	ROHDE&SCHWARZ	SMM100A	101603	2025-10-01	2026-10-01
STEP ATTENUATOR	Agilent	8494B	MY42145885	2025-04-01	2026-04-01
STEP ATTENUATOR	Agilent	8495B	MY42143360	2025-04-01	2026-04-01
High pass filter	Wainwright Instruments GmbH	WHKX10-2580-3000-18000-60SS	14	2025-01-03	2026-01-03
High pass filter	Wainwright Instruments GmbH	WHNX6-5840-8000-26500-60CC	4	2025-01-03	2026-01-03
High pass filter	Wainwright Instruments GmbH	WHNX8.5/26.5G-6SS	1	2025-05-28	2026-05-28
RF Cable	Radiall	1800920922000KE	CON-R006	2025-07-21	2026-01-21
RF Cable	Radiall	1800920922000KE	CON-R007	2025-07-21	2026-01-21
RF Cable	GigaLane. Co., Ltd.	KMS116-GL140sE-KMS116-1.0M	CON-R009	2025-07-21	2026-01-21
RF Cable	Junkosha Inc.	MWX221	CON-R013	2025-07-21	2026-01-21
EMI Test Receiver	ROHDE&SCHWARZ	ESU40	100445	2025-09-01	2026-09-01
BiLog Antenna	Schwarzbeck	VULB9168	00821	2025-03-05	2027-03-05
ATTENUATOR	JFW	50F-006	6 dB-3	2025-03-04	2026-03-04
Antenna Mast	Innco	MA4640-XPET-0800	578	-	-
Antenna Mast	TOKIN	5977	-	-	-
Controller	TOKIN	5909L	141909L-1	-	-
Controller	Innco	CO3000	40040217	-	-
Turn Table	TOKIN	5983-1.5	-	-	-

Equipment	Manufacturer	Model	Serial No.	Cal. Date (yy.mm.dd)	Next Cal.Date (yy.mm.dd)
Active Loop H-Field	ETS	6502	150598	2025-06-05	2027-06-05
Double Ridege Horn Antenna	ETS	3117	00168719	2025-07-03	2026-07-03
Double Ridege Horn Antenna	A.H Systems, Inc	SAS-574	465	2025-04-02	2027-04-02
PREAMPLIFIER	Agilent	8449B	3008A02110	2025-01-03	2026-01-03
Preamplifier	TSJ	MLA-10k01-b01-27	1870367	2025-03-27	2026-03-27
PREAMPLIFIER	A.H Systems, Inc	PAM-1840VH	166	2025-01-03	2026-01-03
EMI Test Receiver	ROHDE&SCHWARZ	ESR7	101440	2025-09-01	2026-09-01
LISN	ROHDE&SCHWARZ	ENV216	101883	2025-03-26	2026-03-26
Pulse Limiter	Schwarzbeck	VTSD 9561-F	00189	2025-03-26	2026-03-26
LISN	ROHDE&SCHWARZ	NSLK8127	877	2025-03-26	2026-03-26

-End-