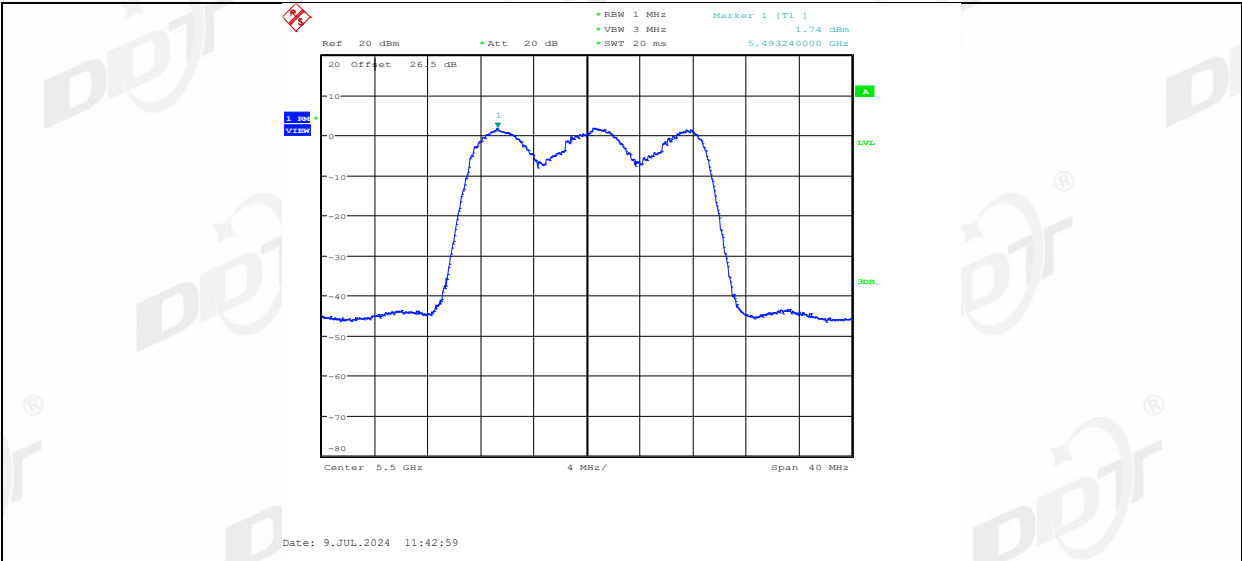
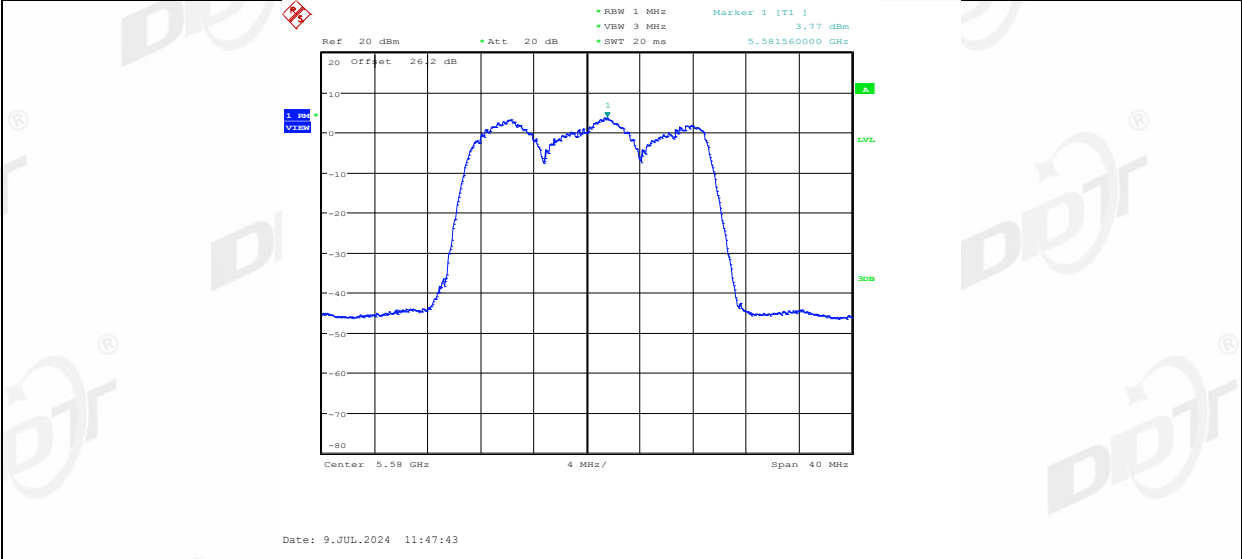




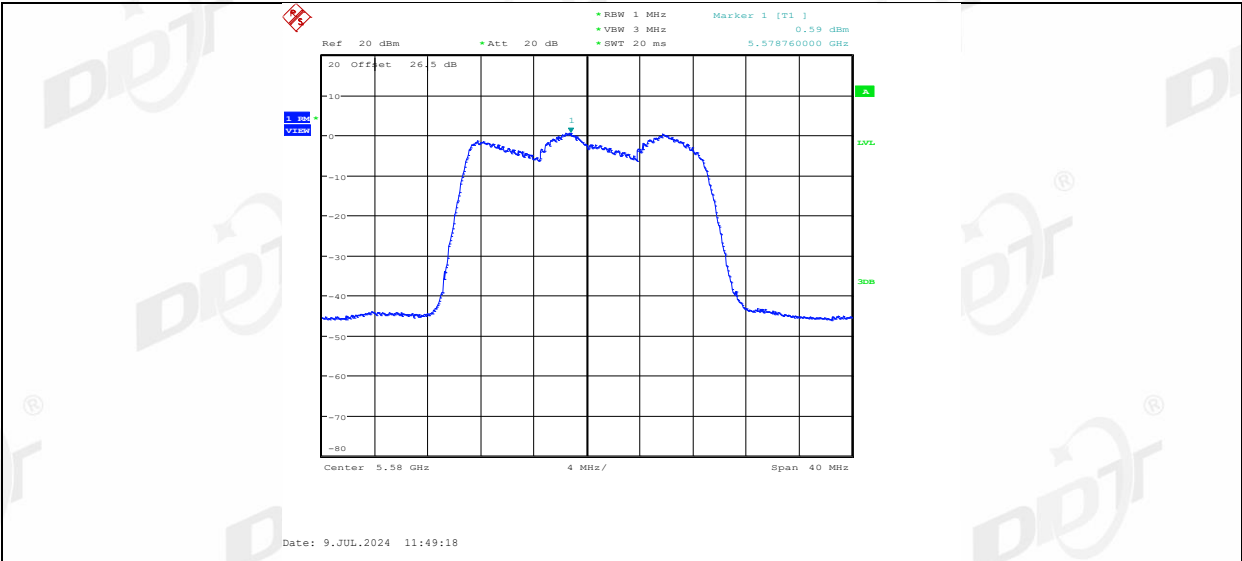
11AC20MIMO_Ant2_5500



11AC20MIMO_Ant1_5580



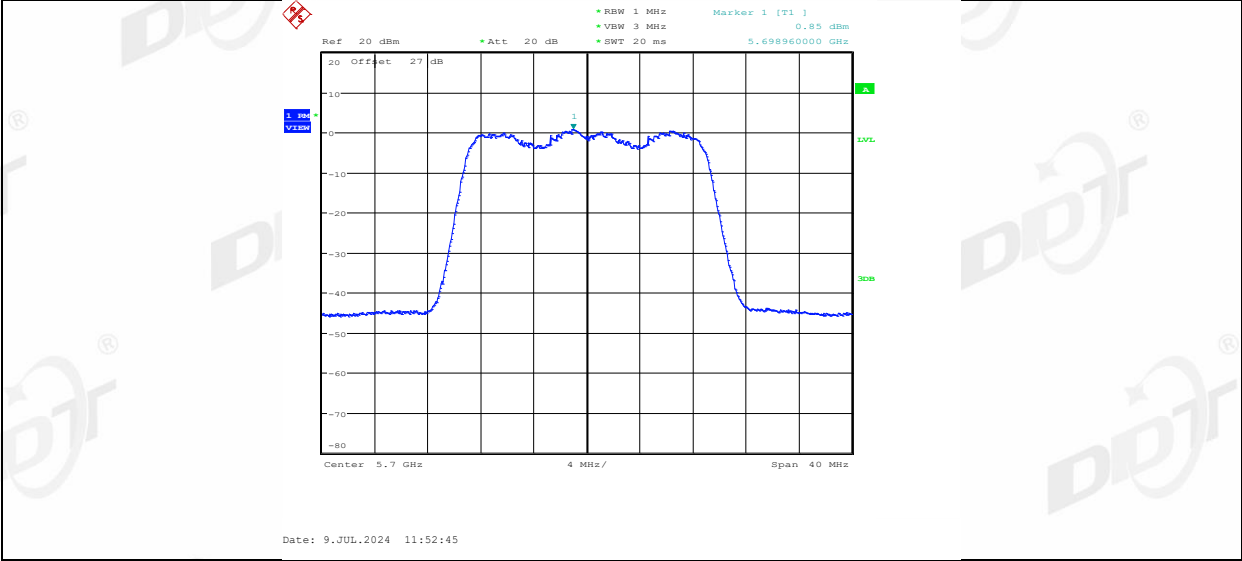
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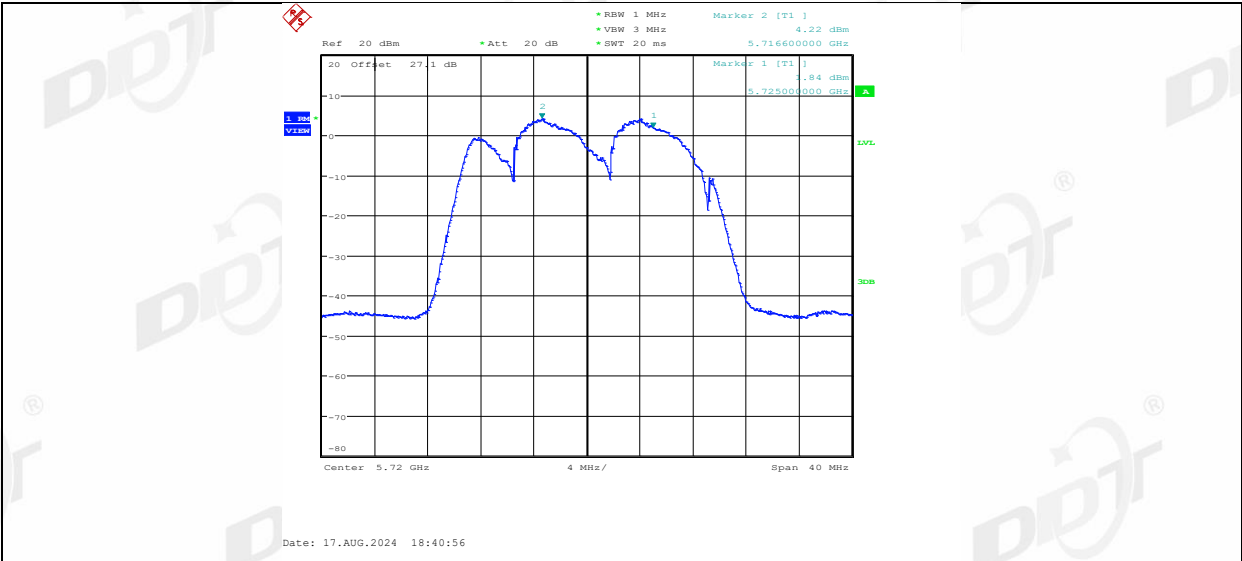
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11AC20MIMO_Ant2_5700



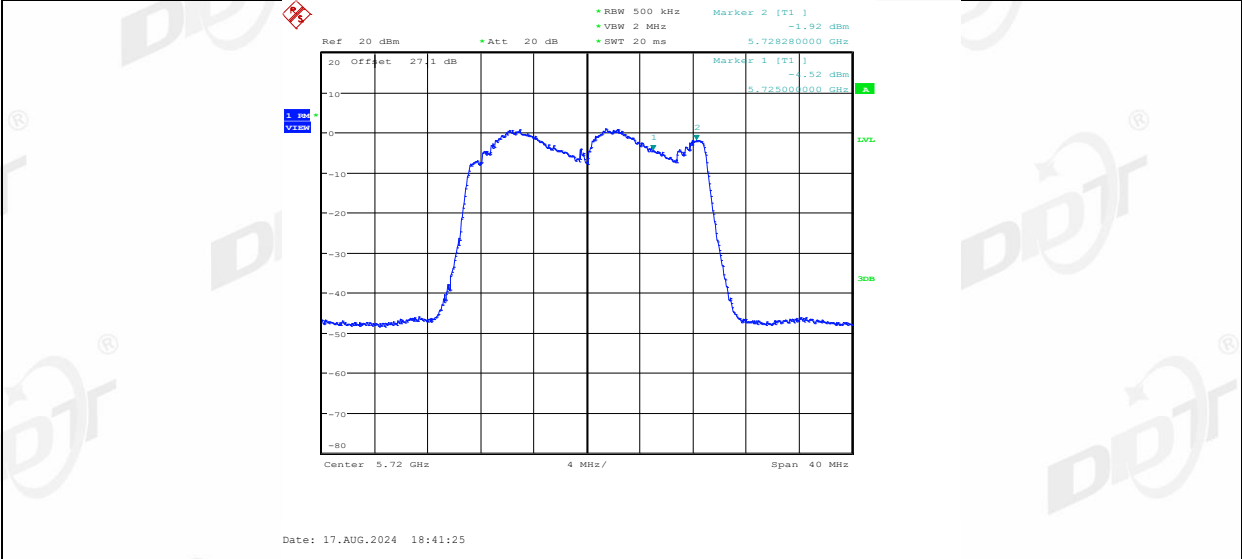
11AC20MIMO_Ant1_5720_UNII-2C



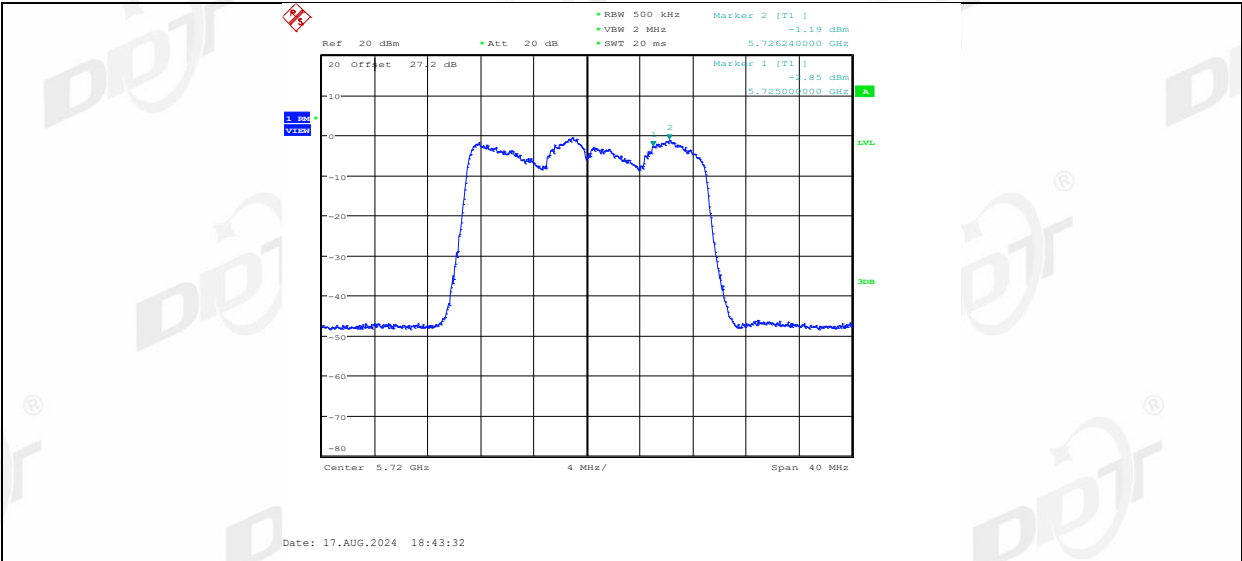
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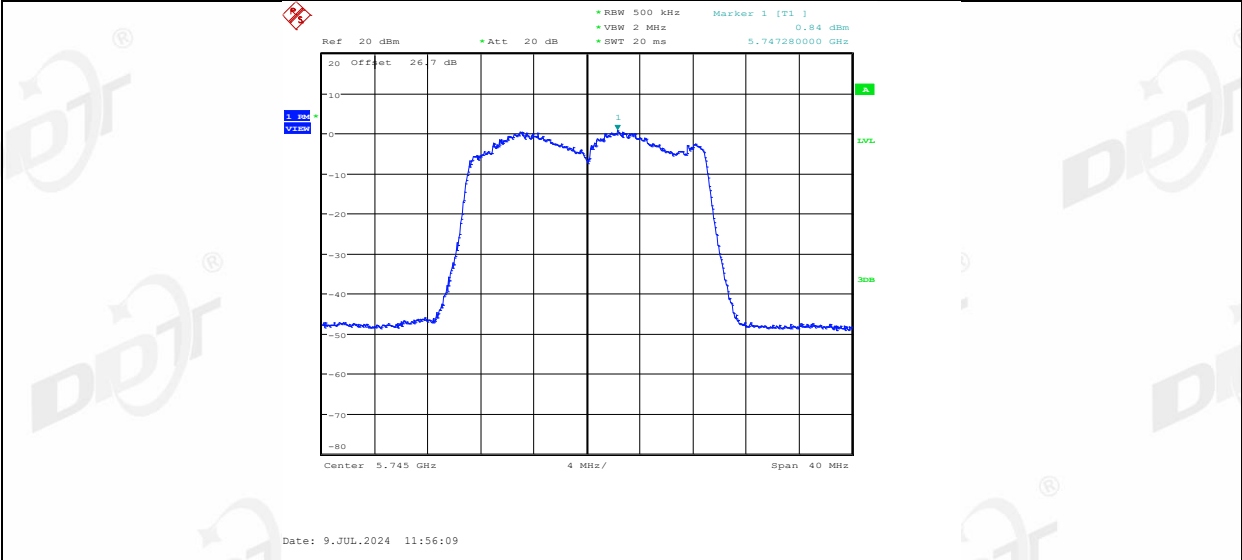
11AC20MIMO_Ant1_5720_UNII-3



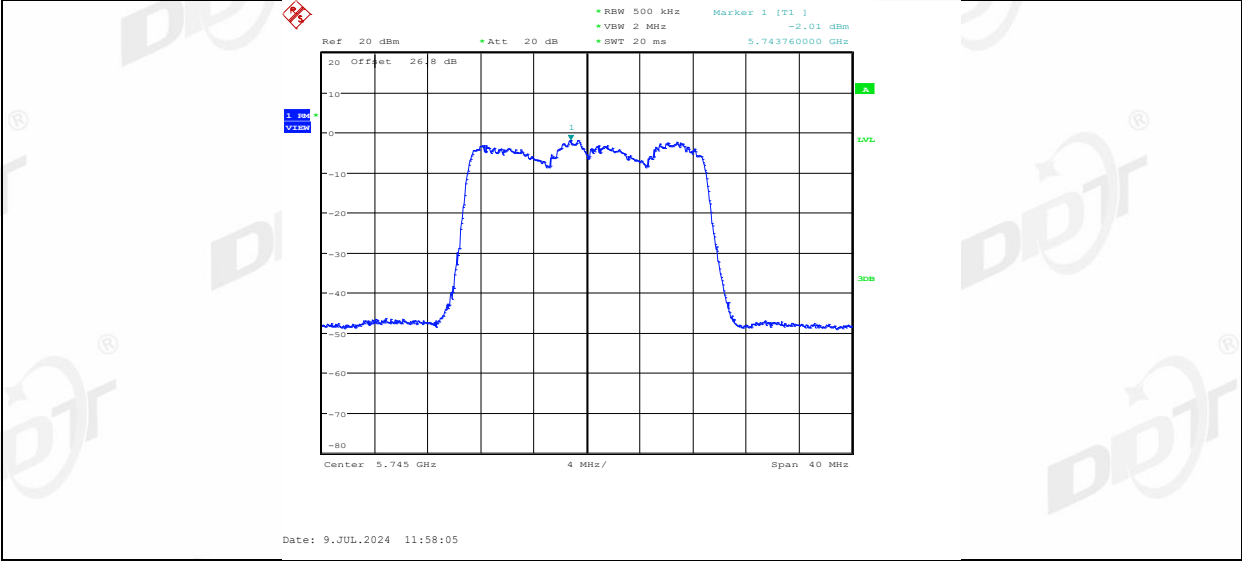
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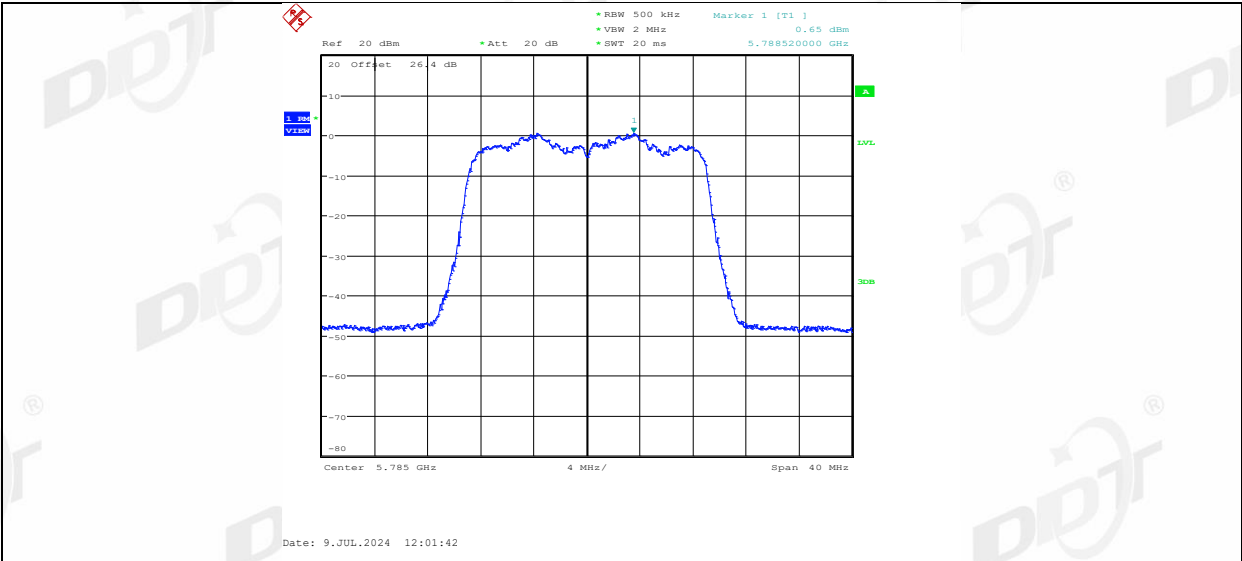
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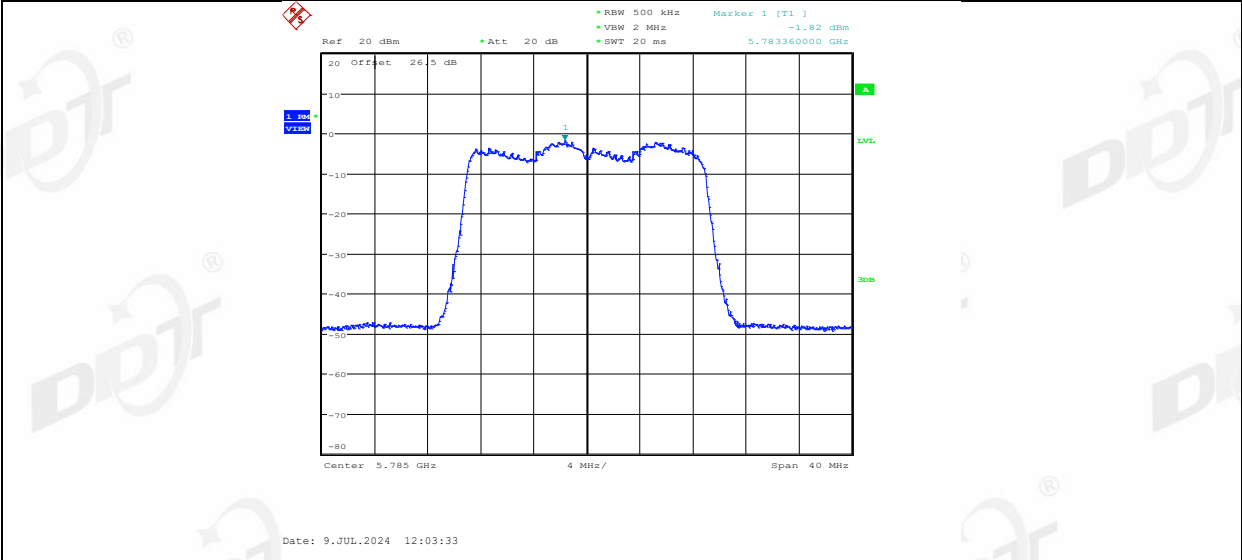
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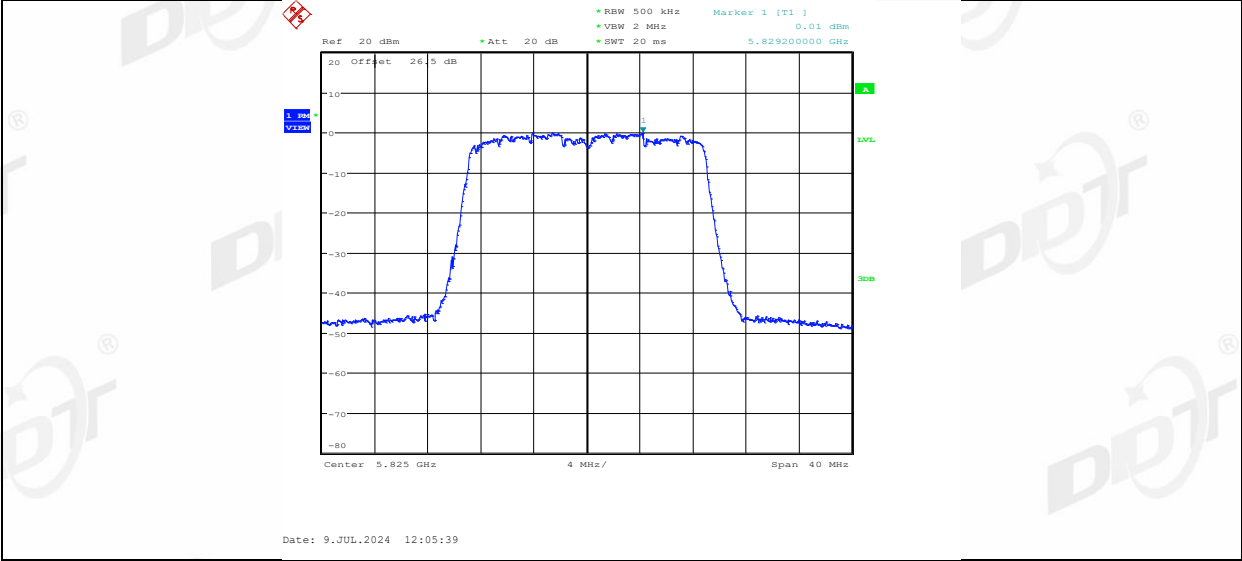
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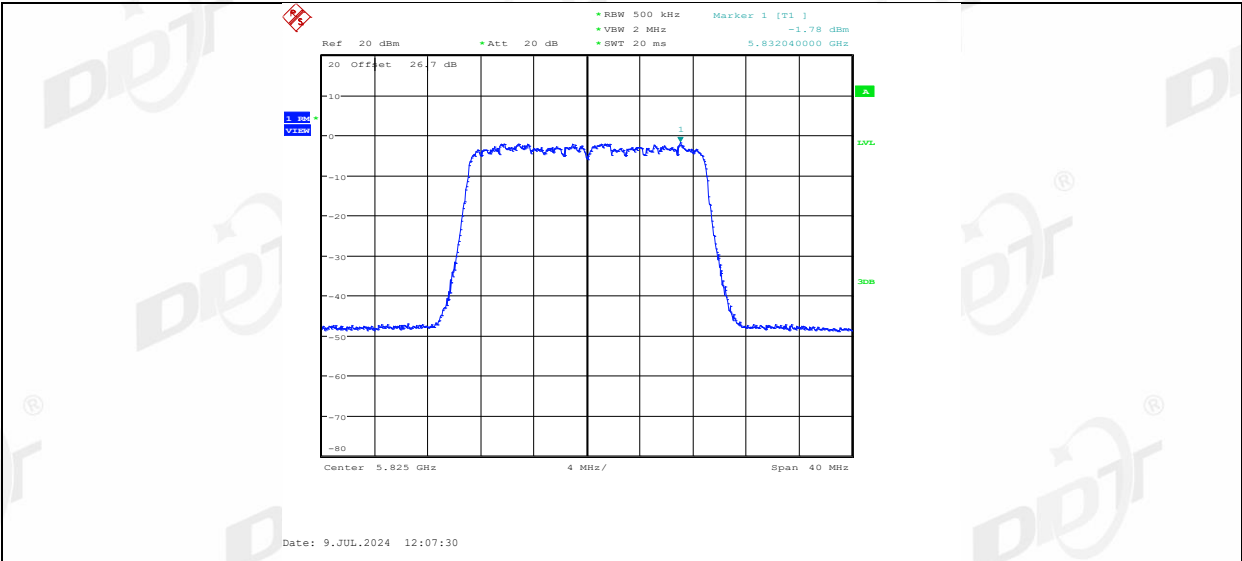
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11AC20MIMO_Ant1_5825



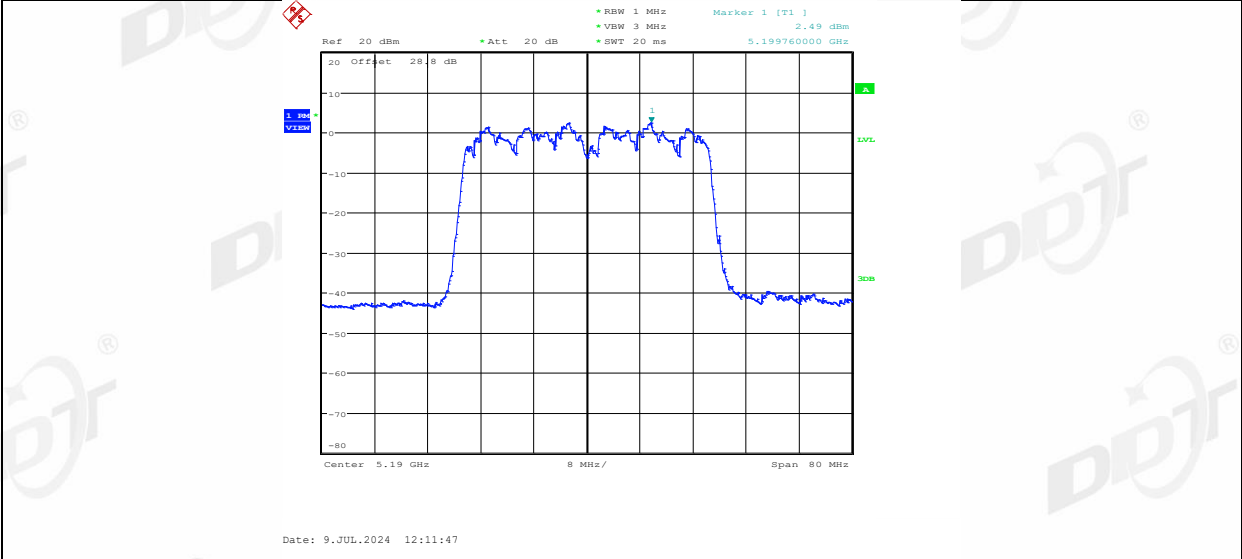
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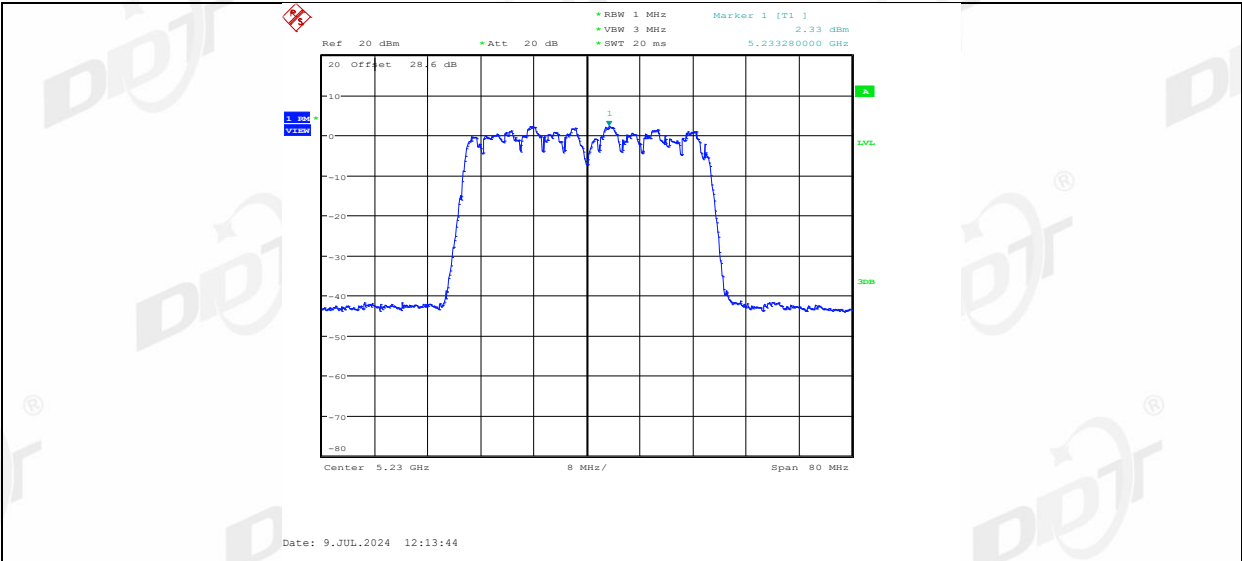
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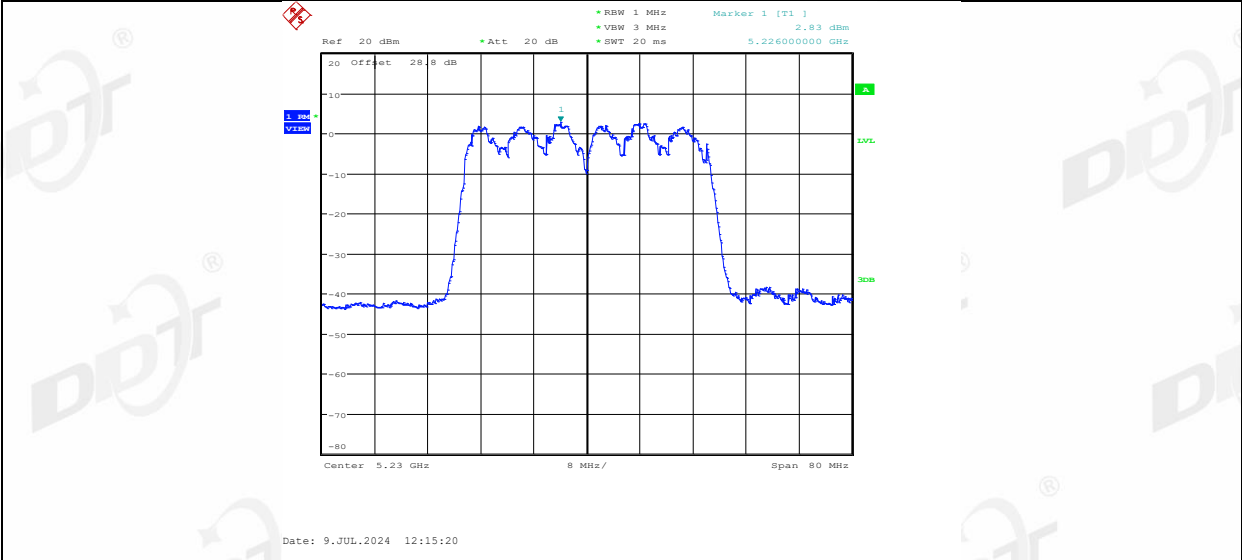
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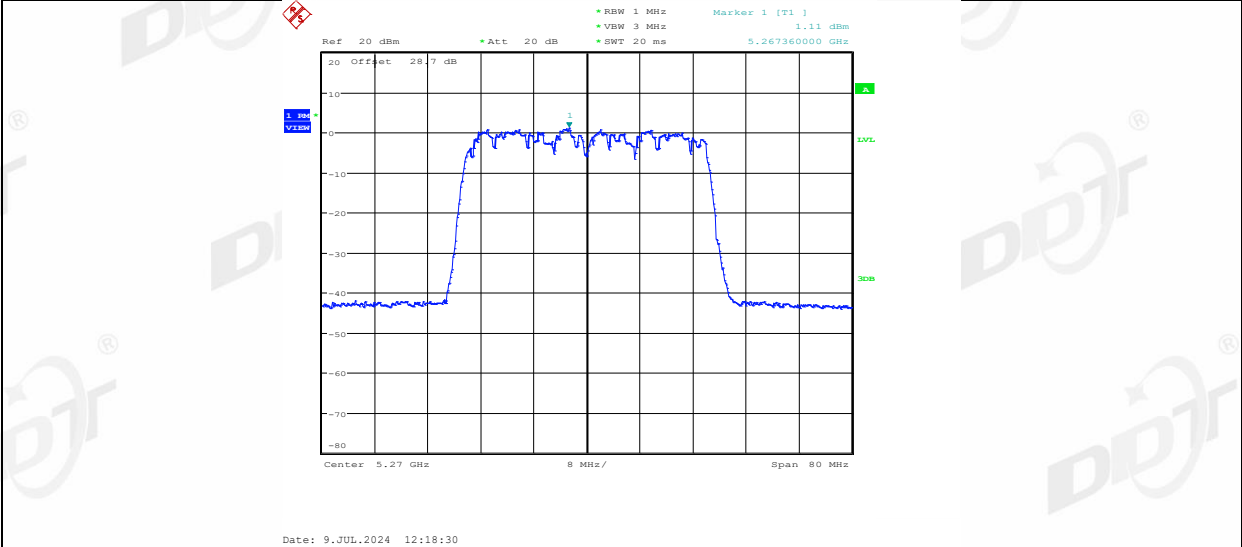
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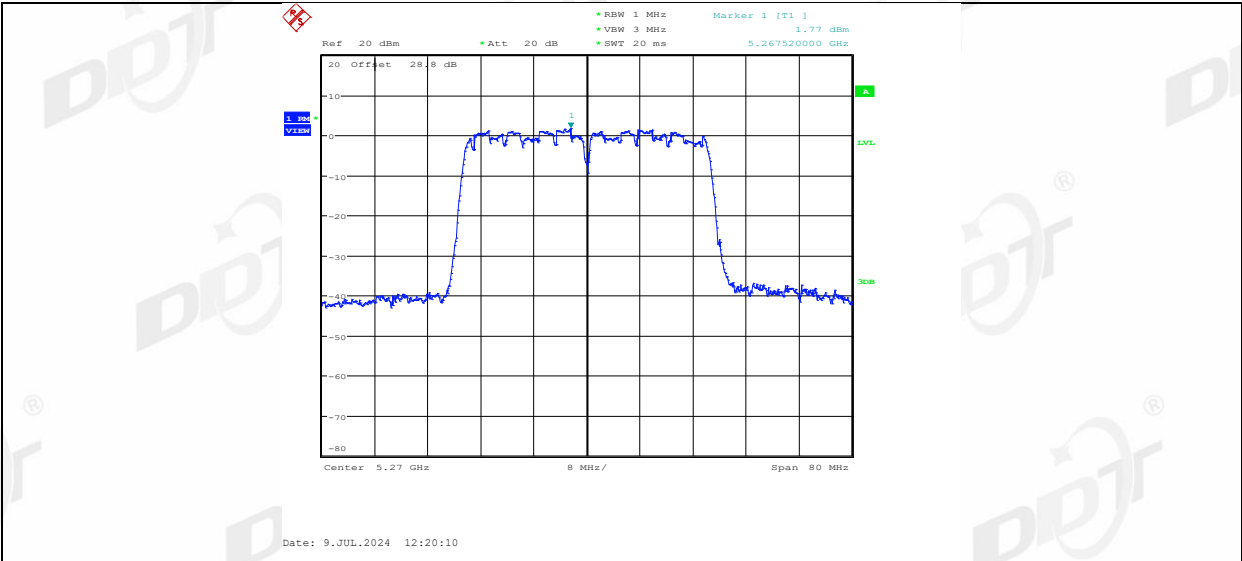
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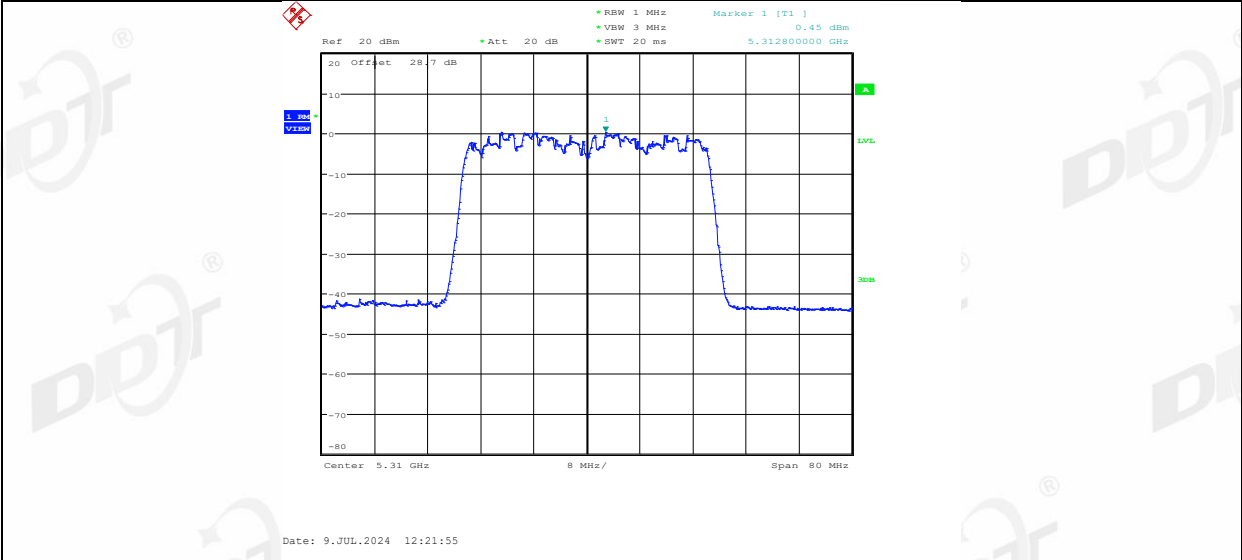
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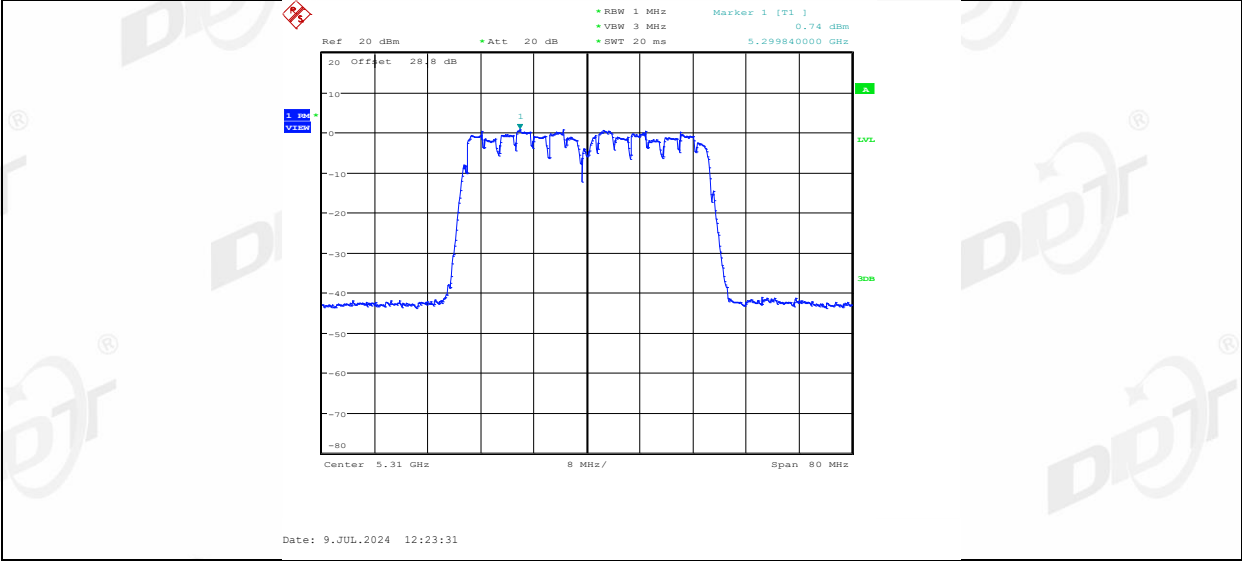
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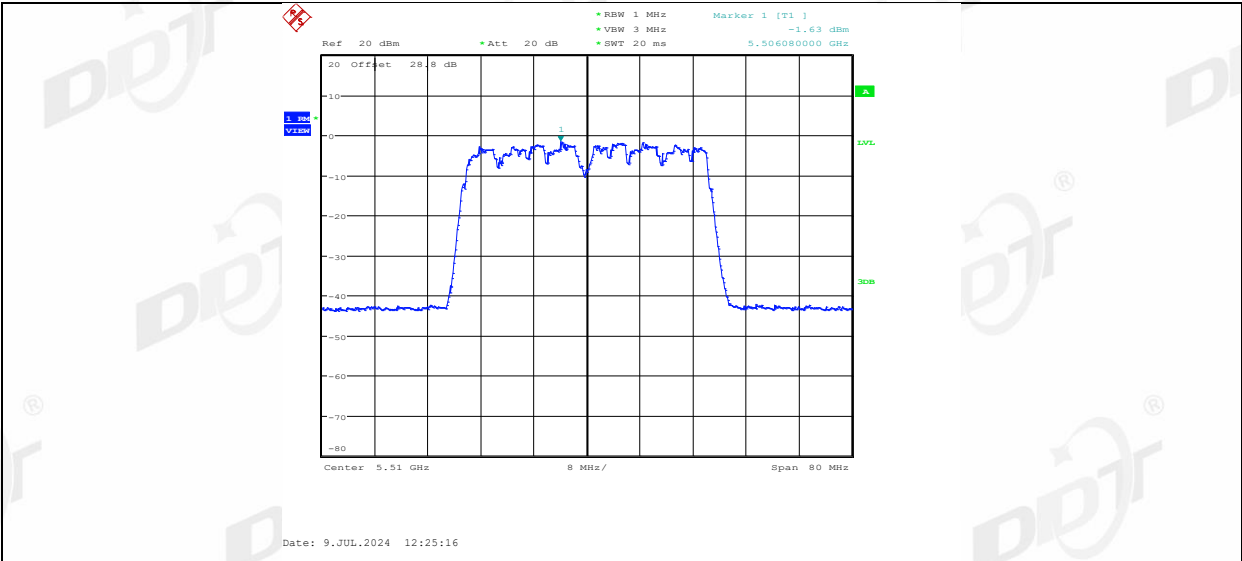
11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310



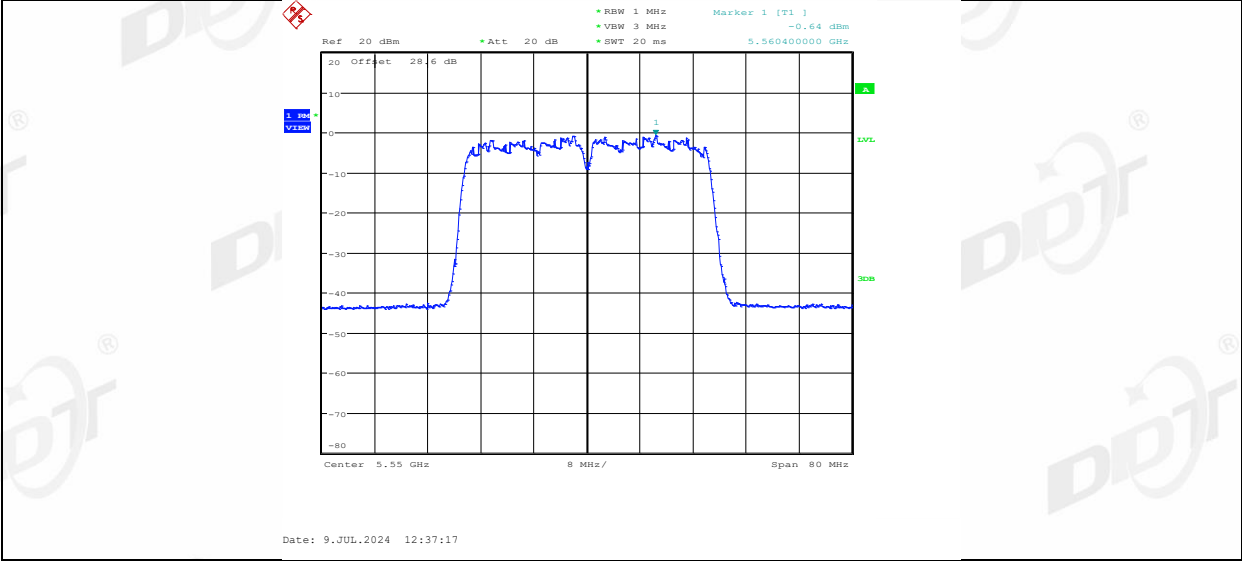
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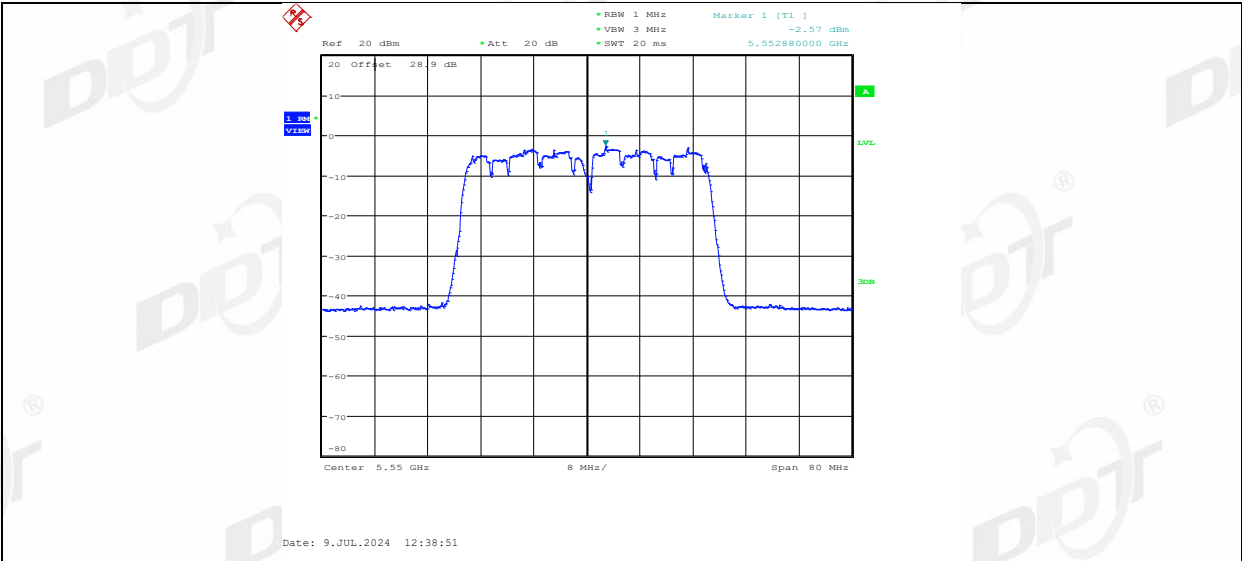
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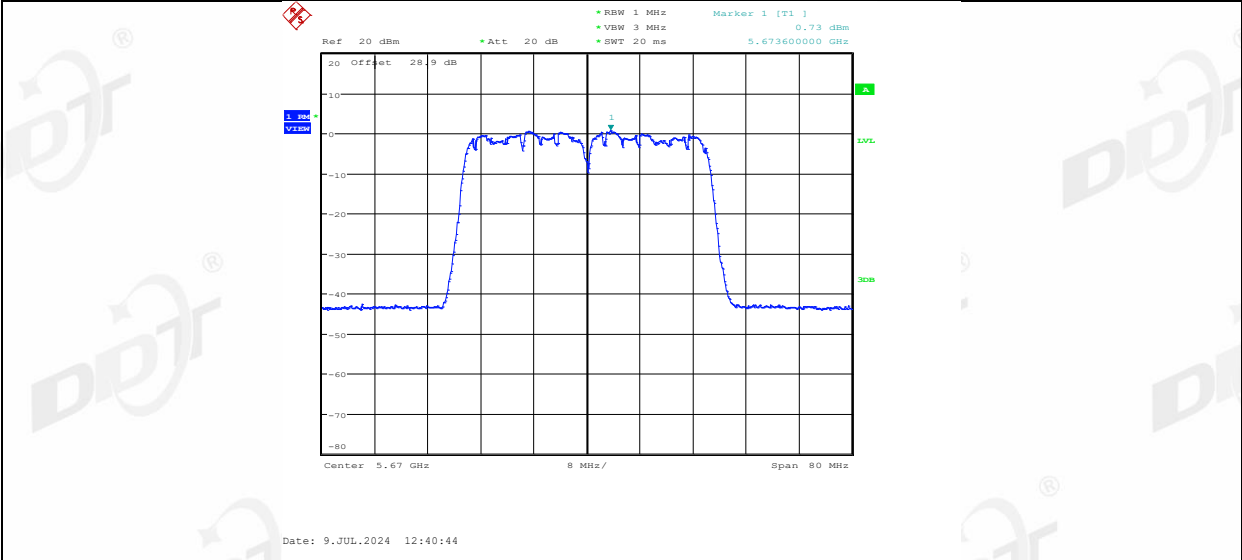
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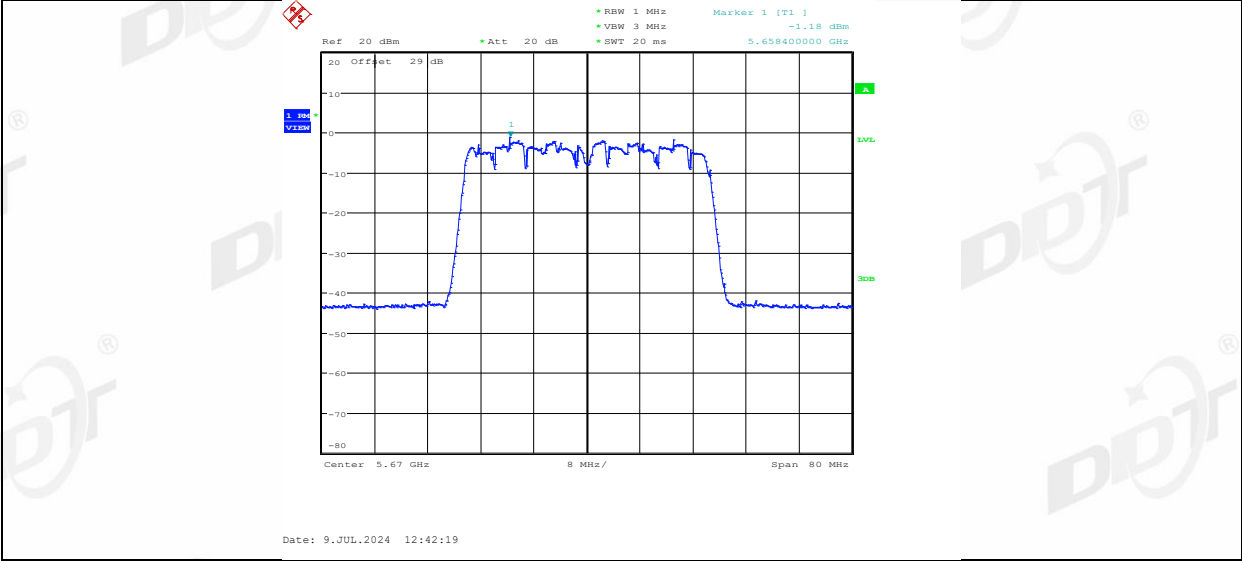
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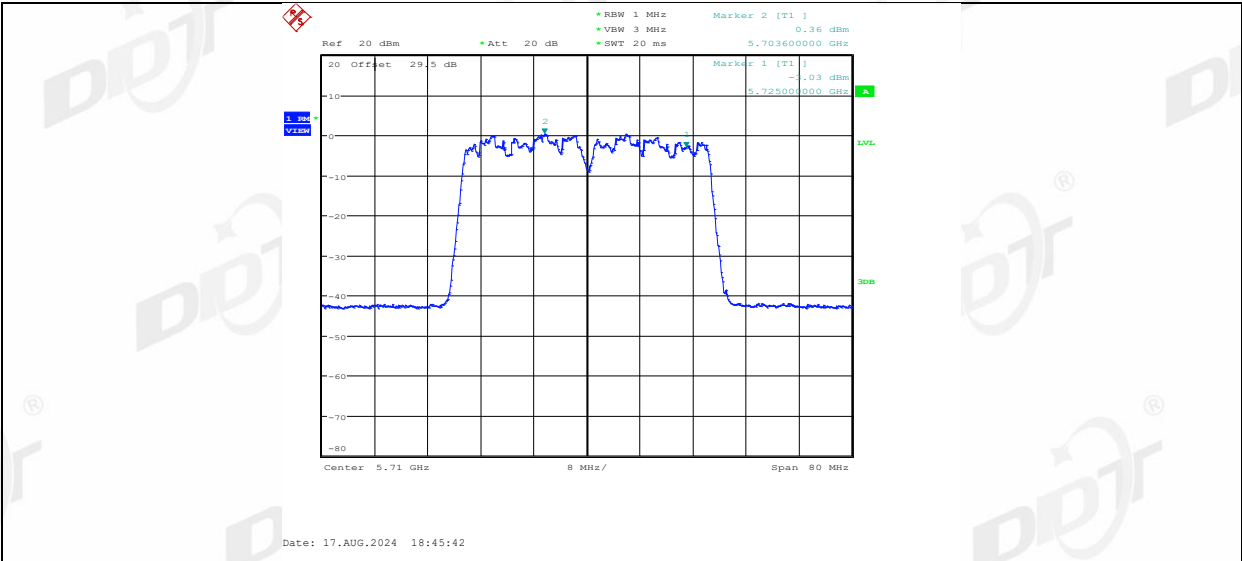
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11AC40MIMO_Ant2_5670



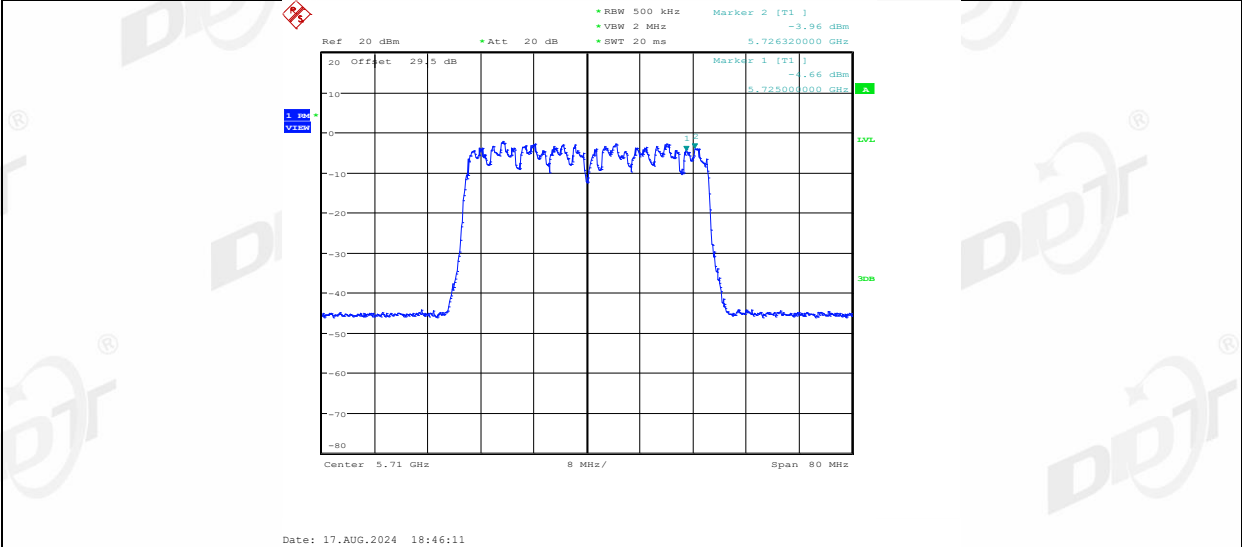
11AC40MIMO_Ant1_5710_UNII-2C



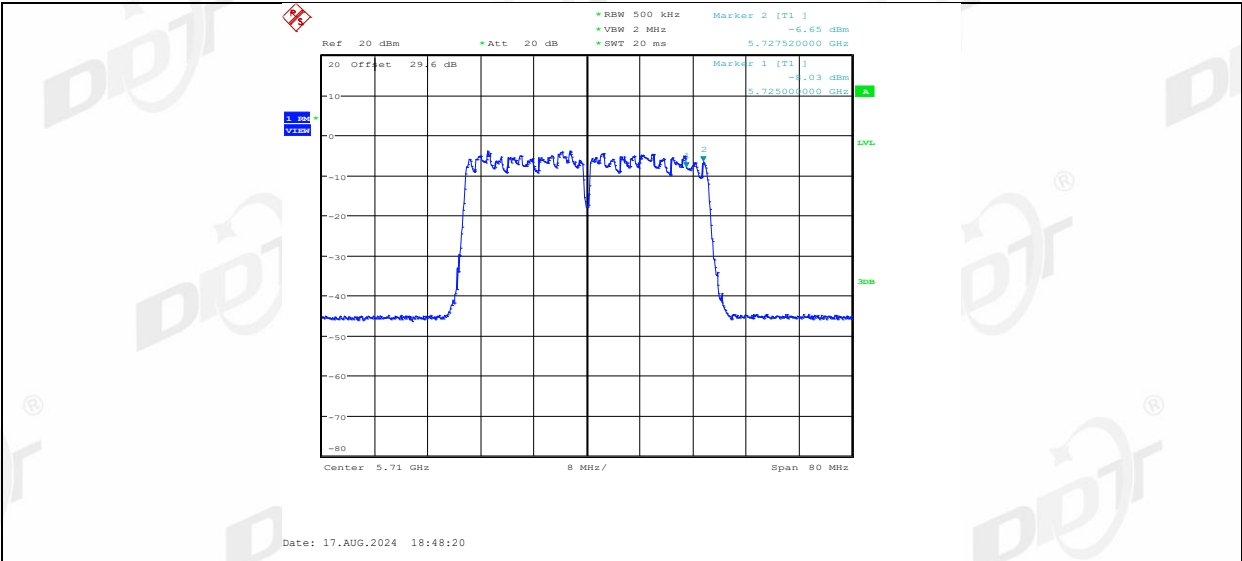
11AC40MIMO_Ant2_5710_UNII-2C



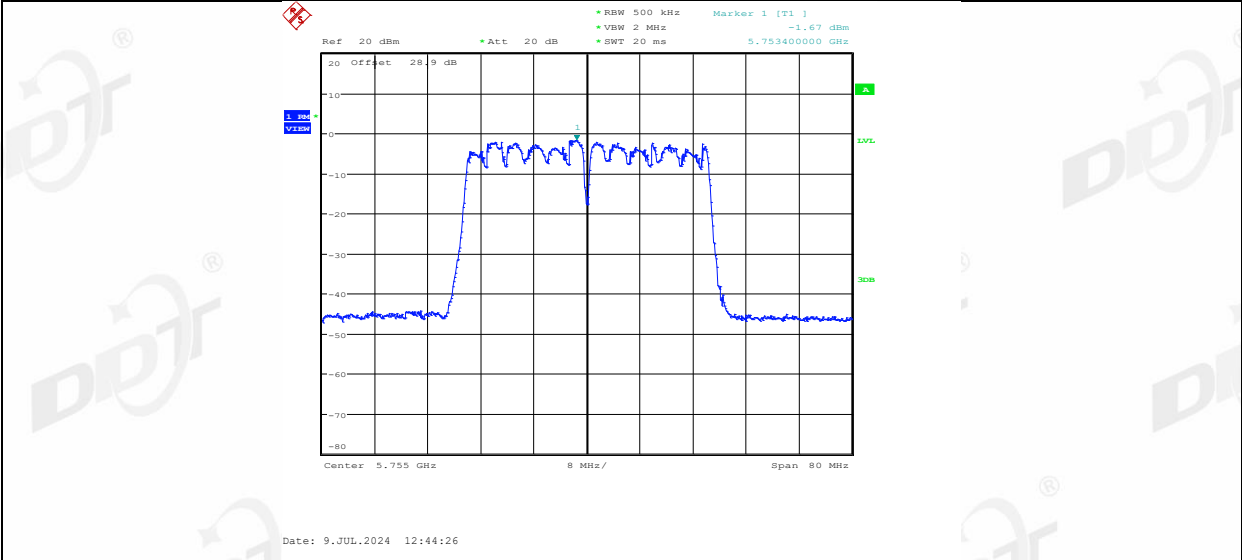
11AC40MIMO_Ant1_5710_UNII-3



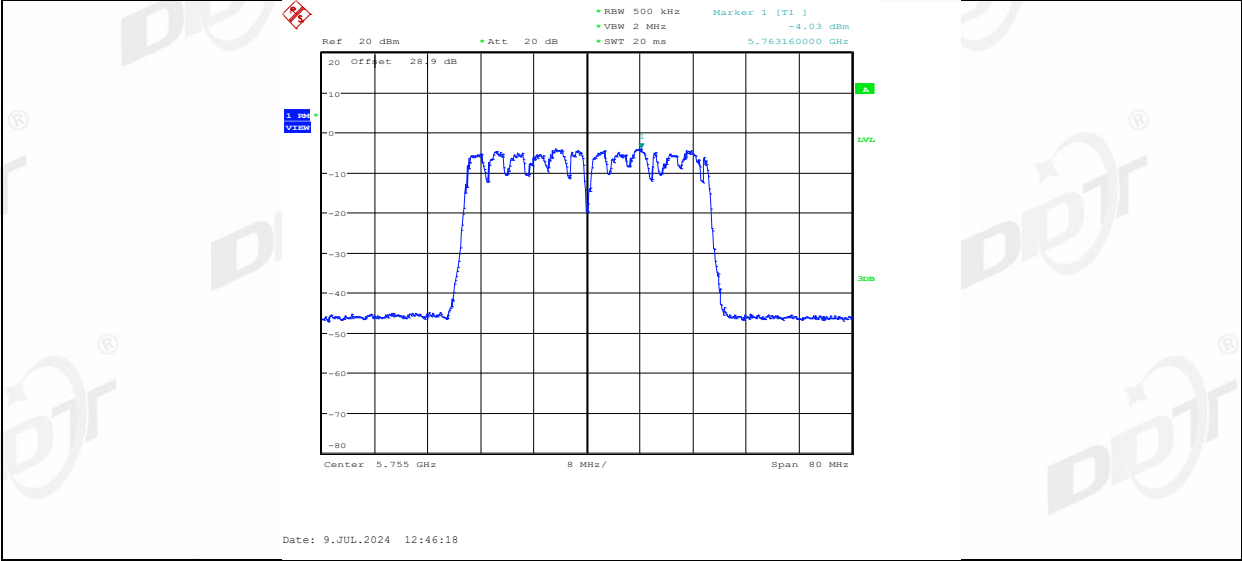
11AC40MIMO_Ant2_5710_UNII-3



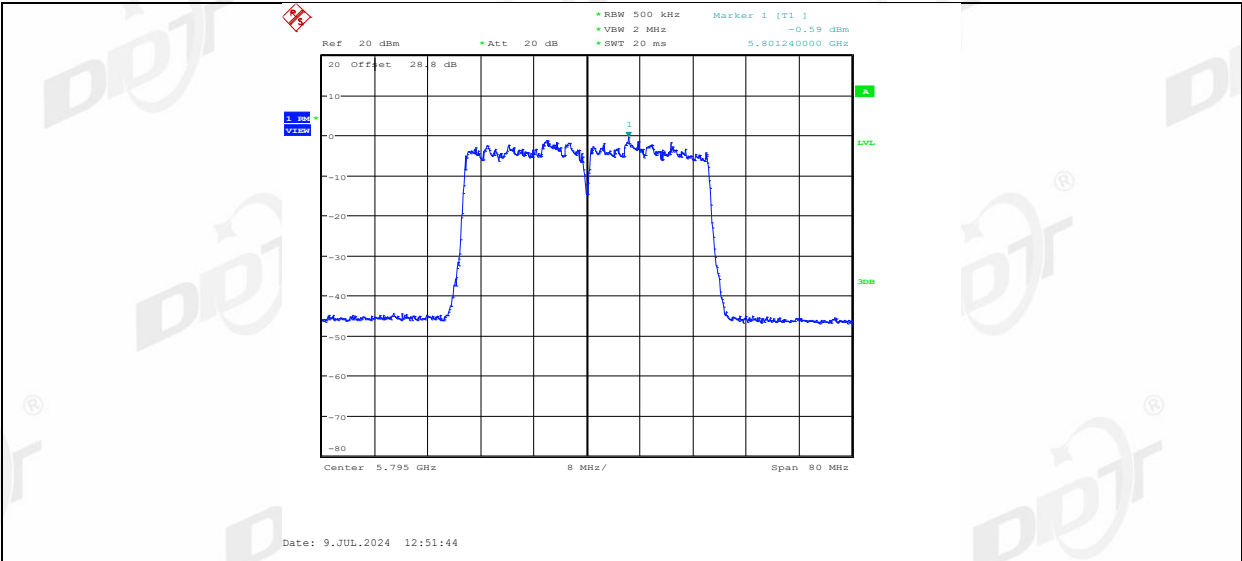
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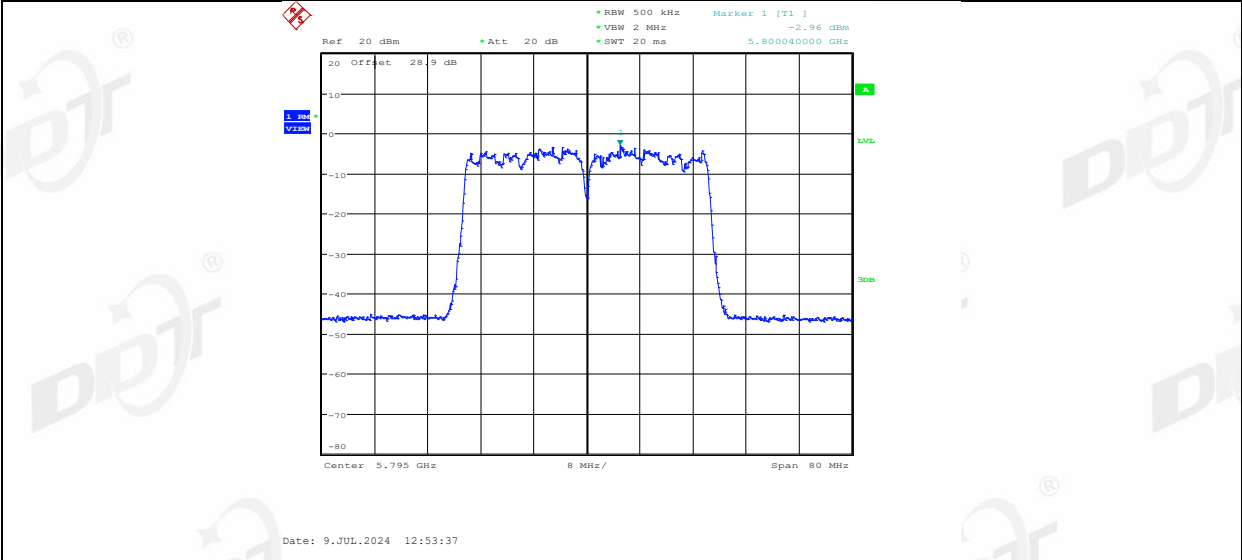
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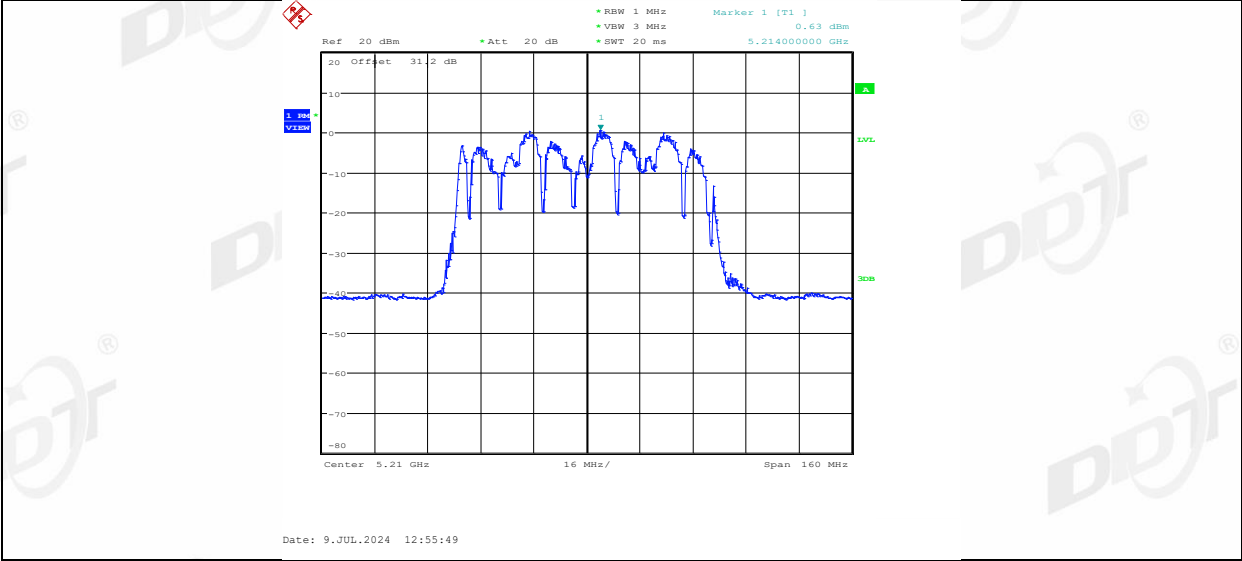
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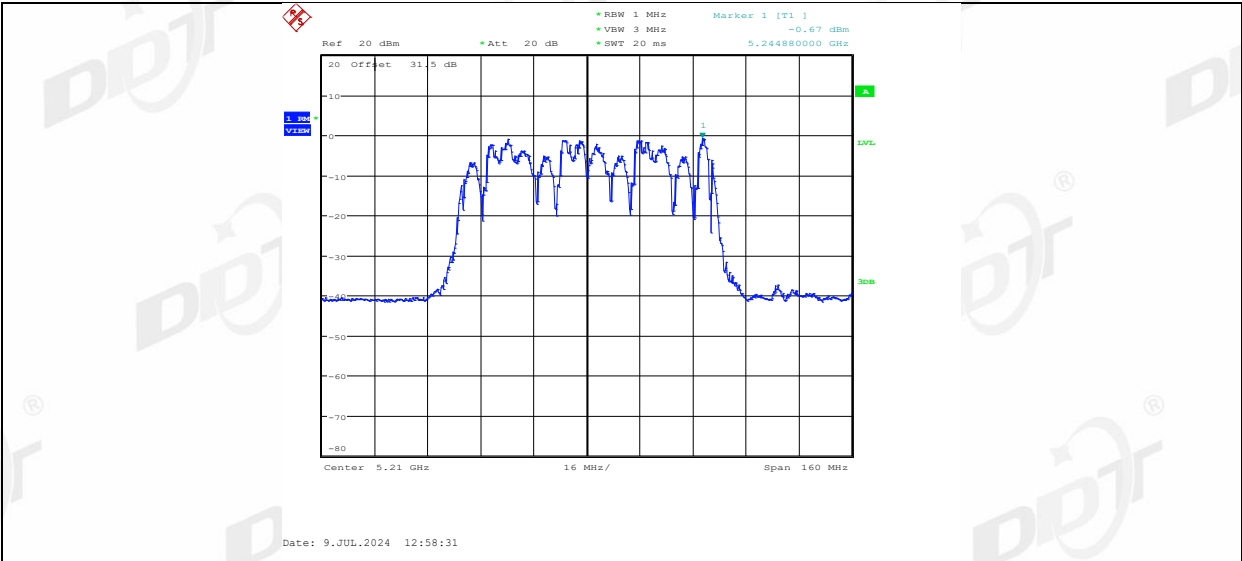
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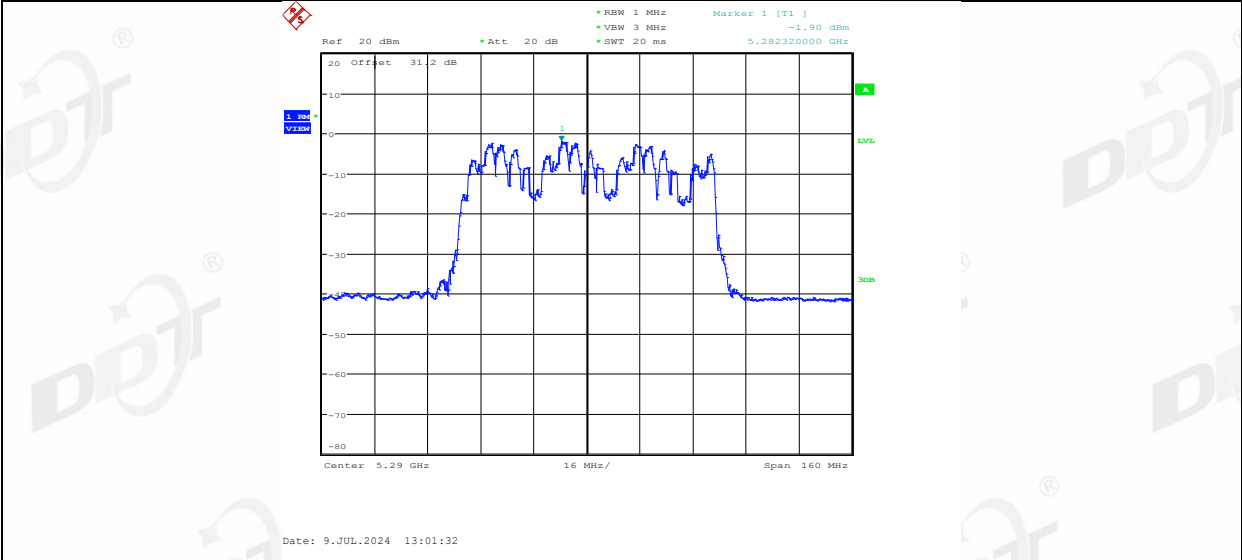
11AC80MIMO_Ant1_5210



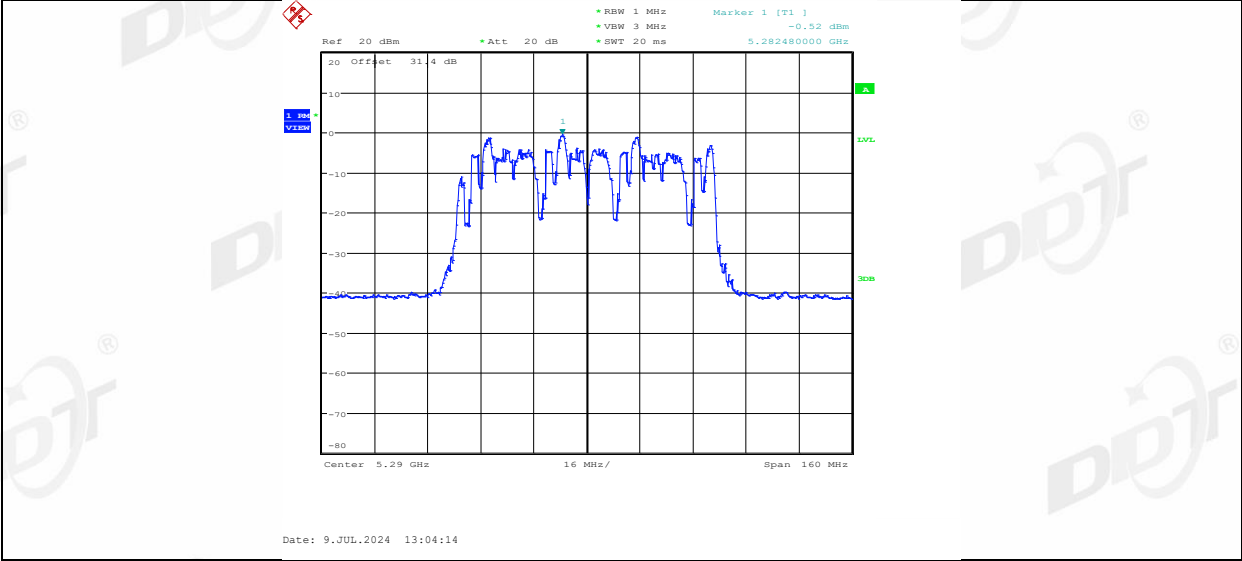
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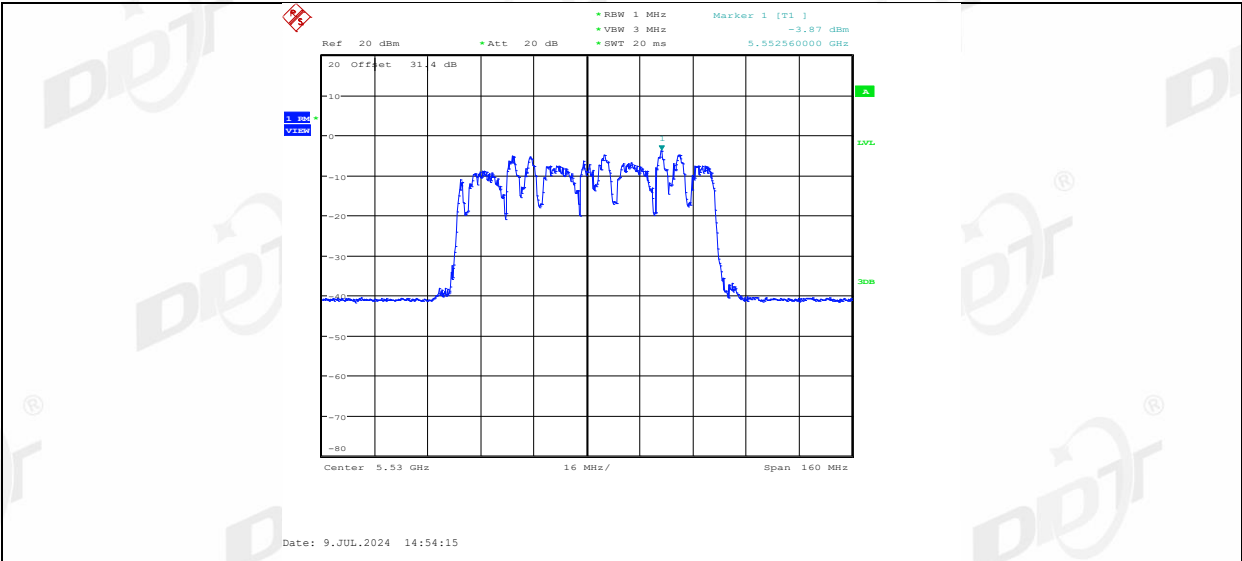
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11AC80MIMO_Ant2_5290



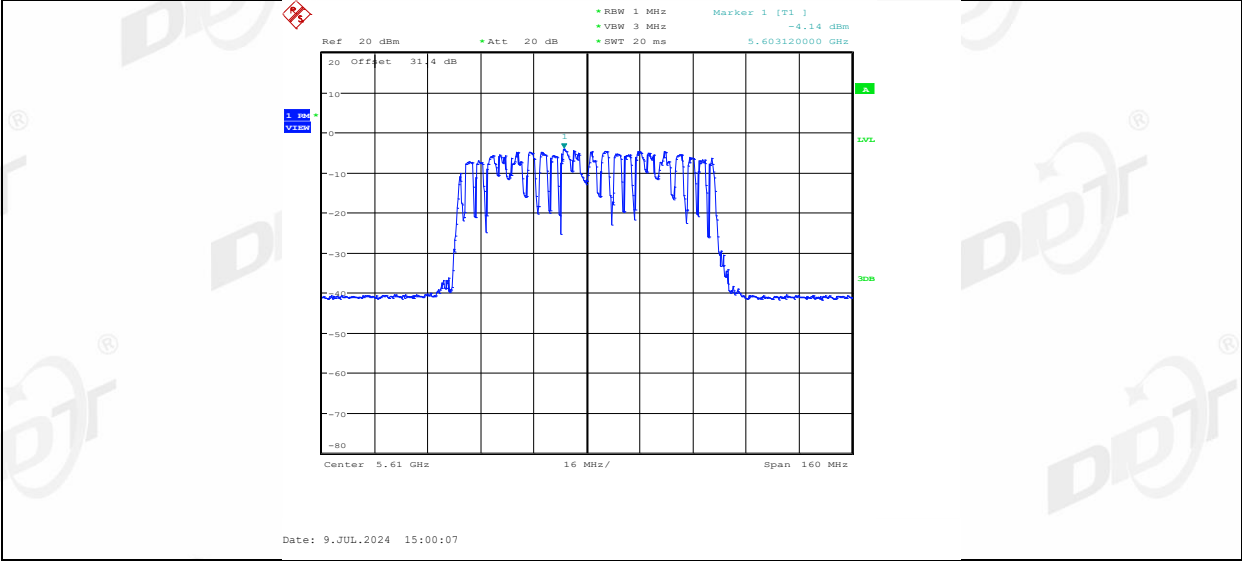
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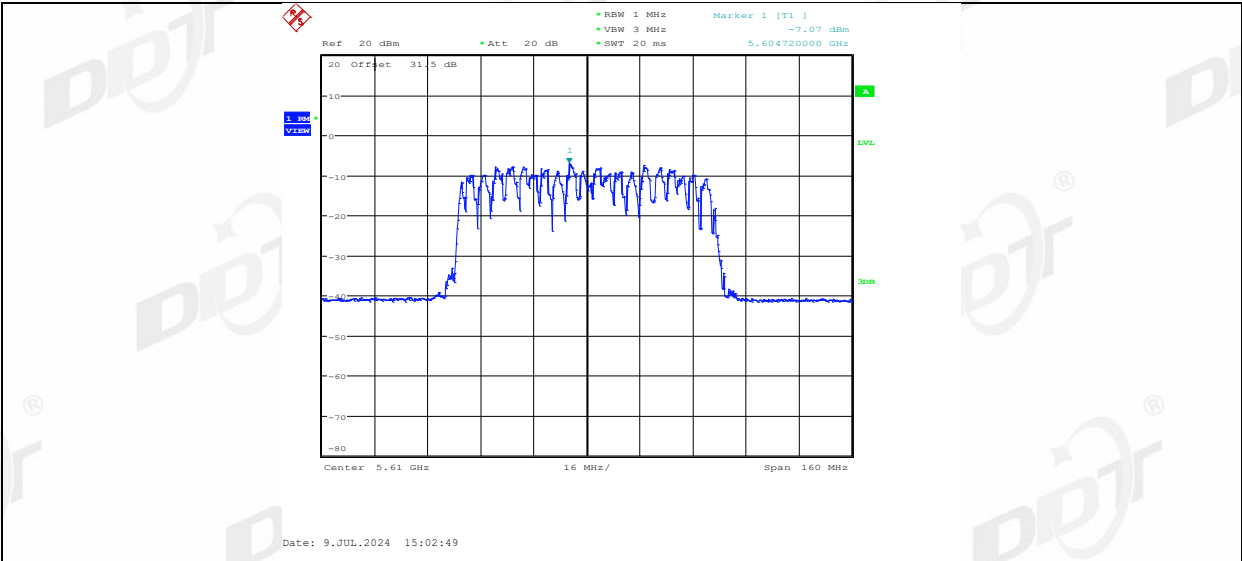
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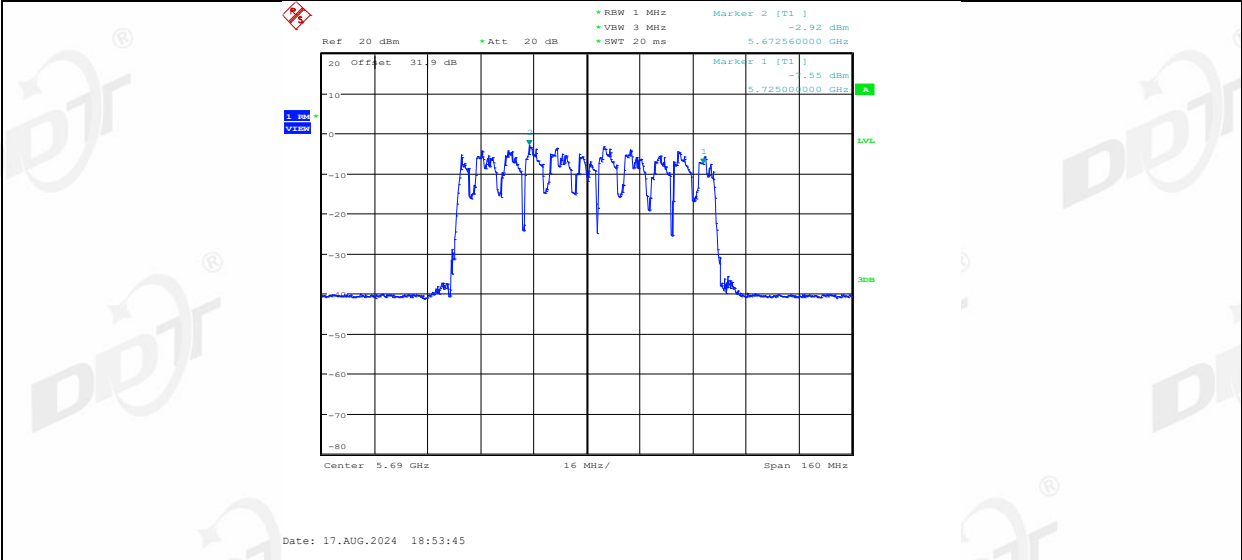
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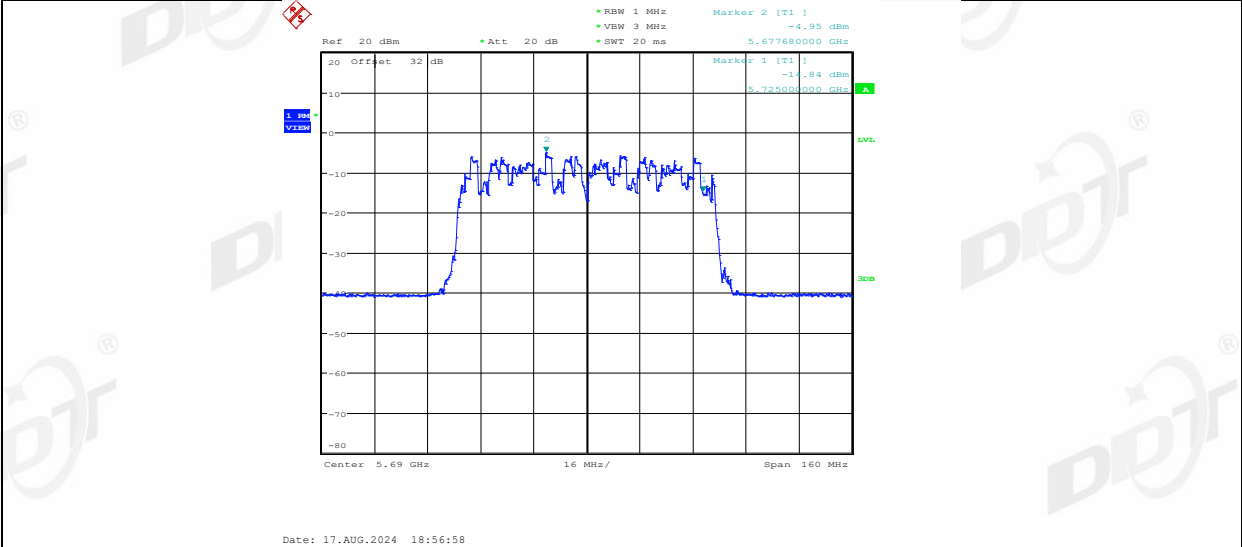
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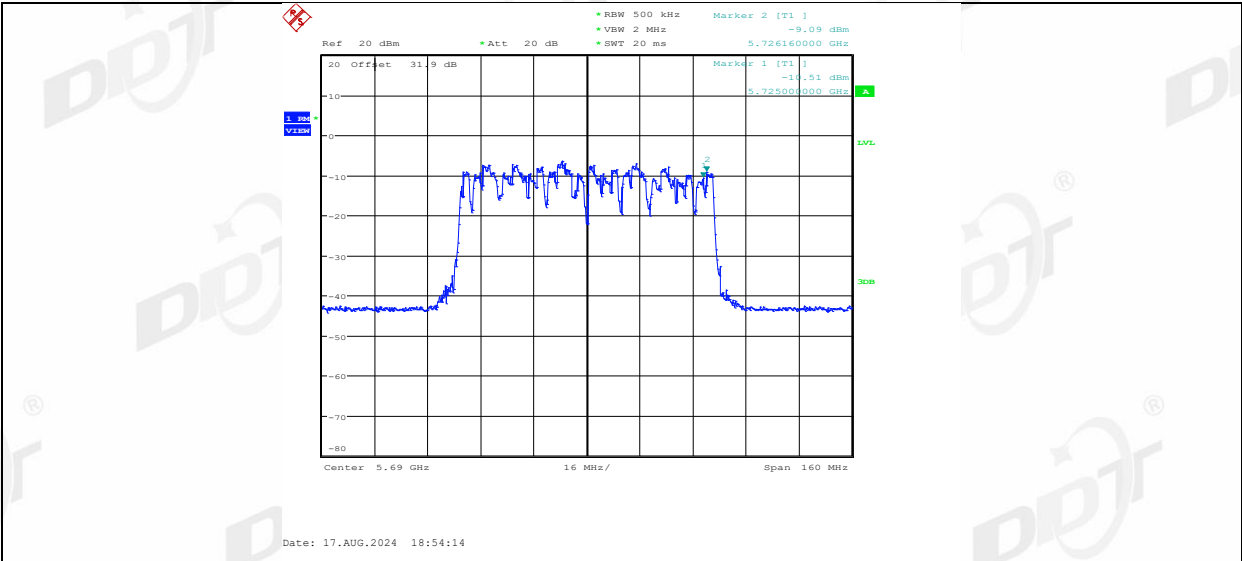
11AC80MIMO_Ant1_5690_UNII-2C



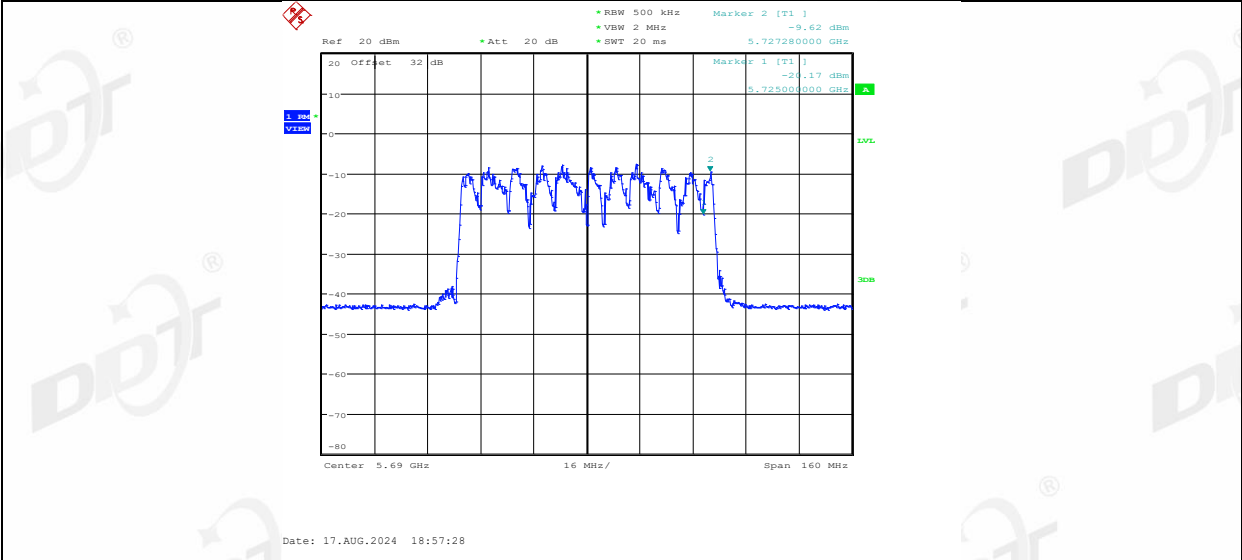
11AC80MIMO_Ant2_5690_UNII-2C



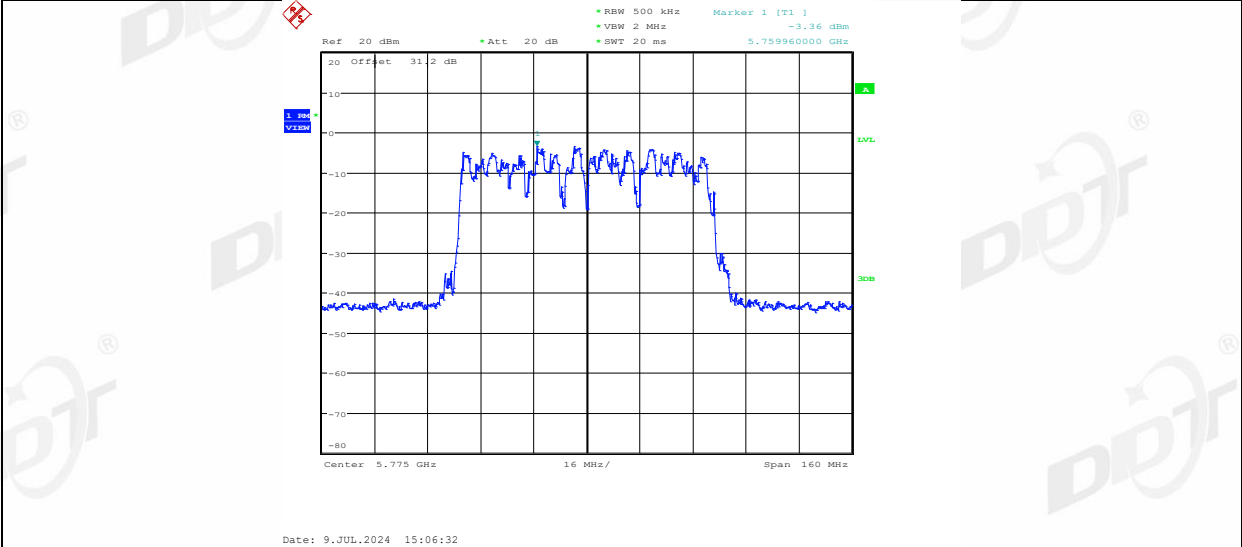
11AC80MIMO_Ant1_5690_UNII-3



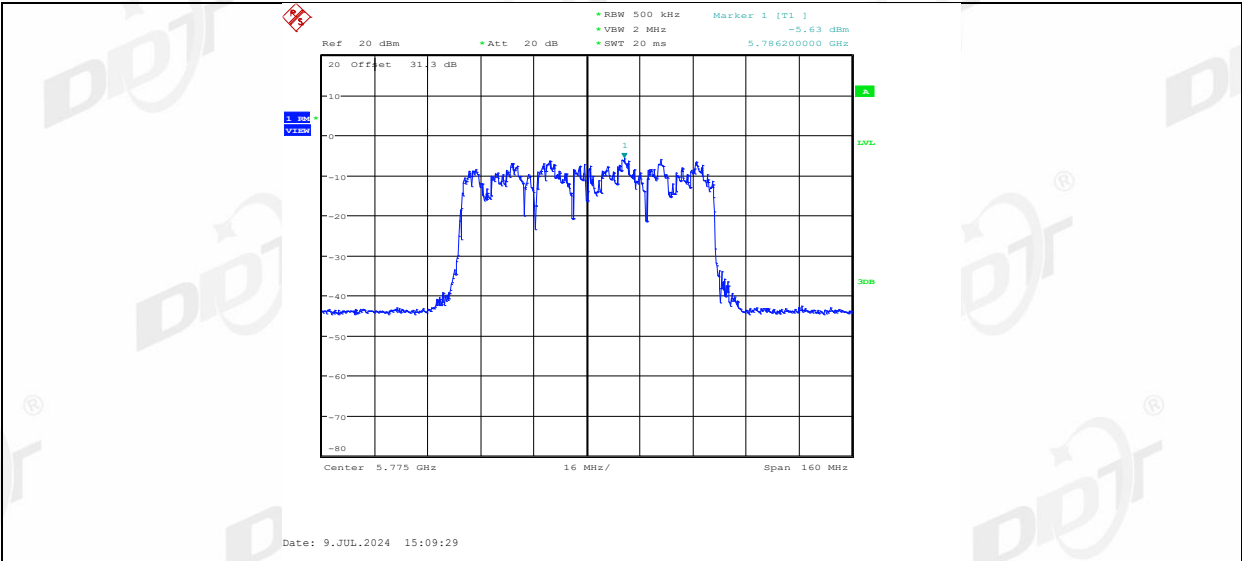
11AC80MIMO Ant2_5690_UNII-3



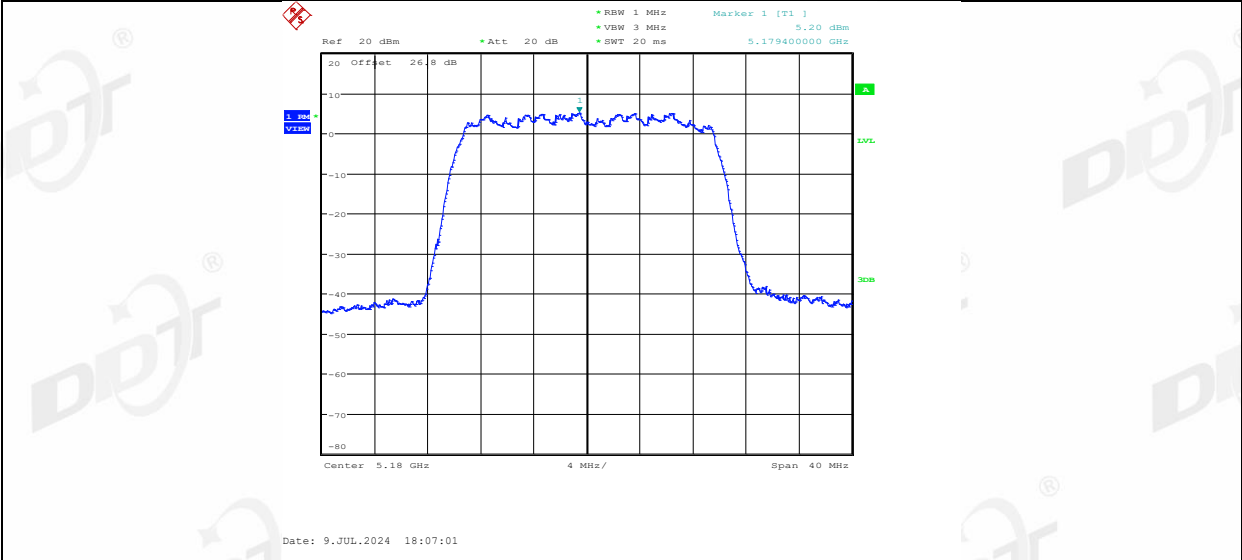
11AC80MIMO Ant1_5775



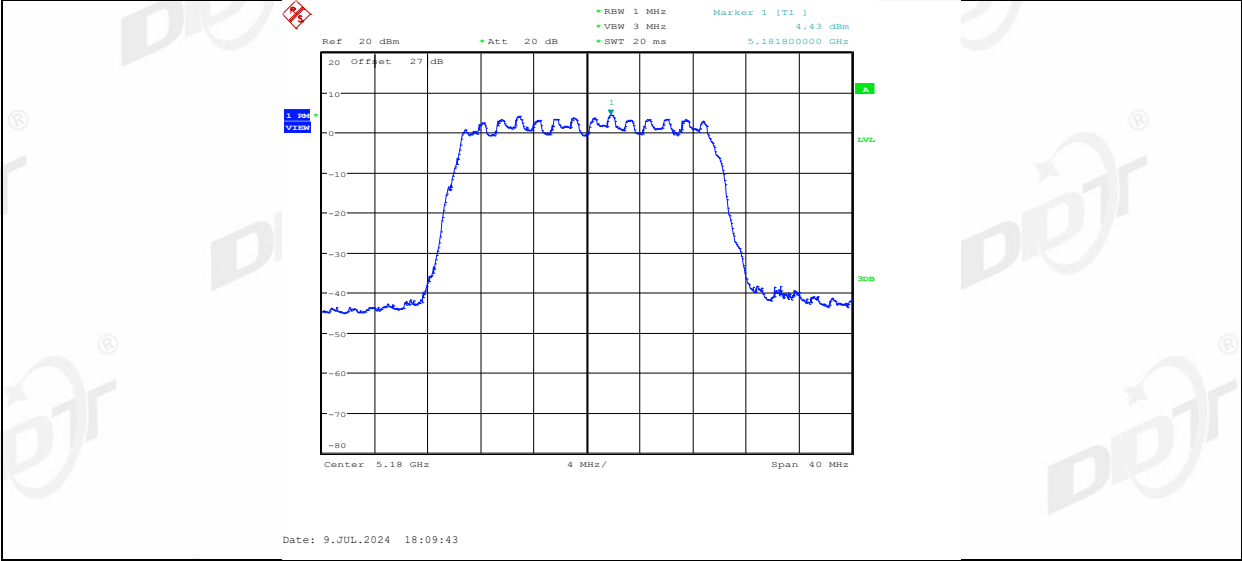
11AC80MIMO Ant2_5775



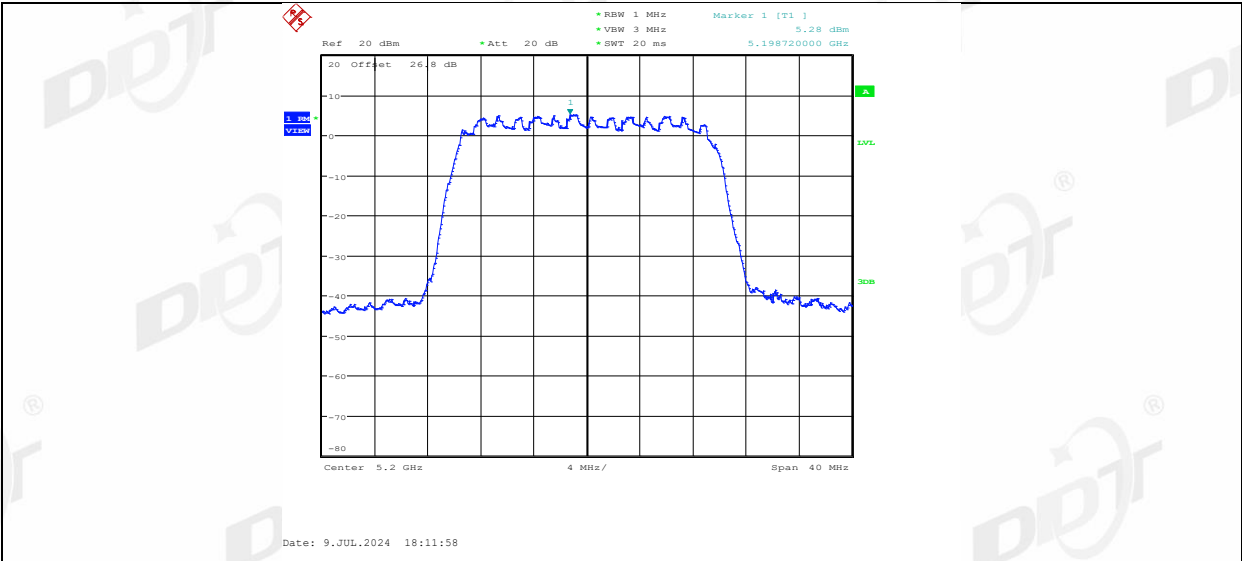
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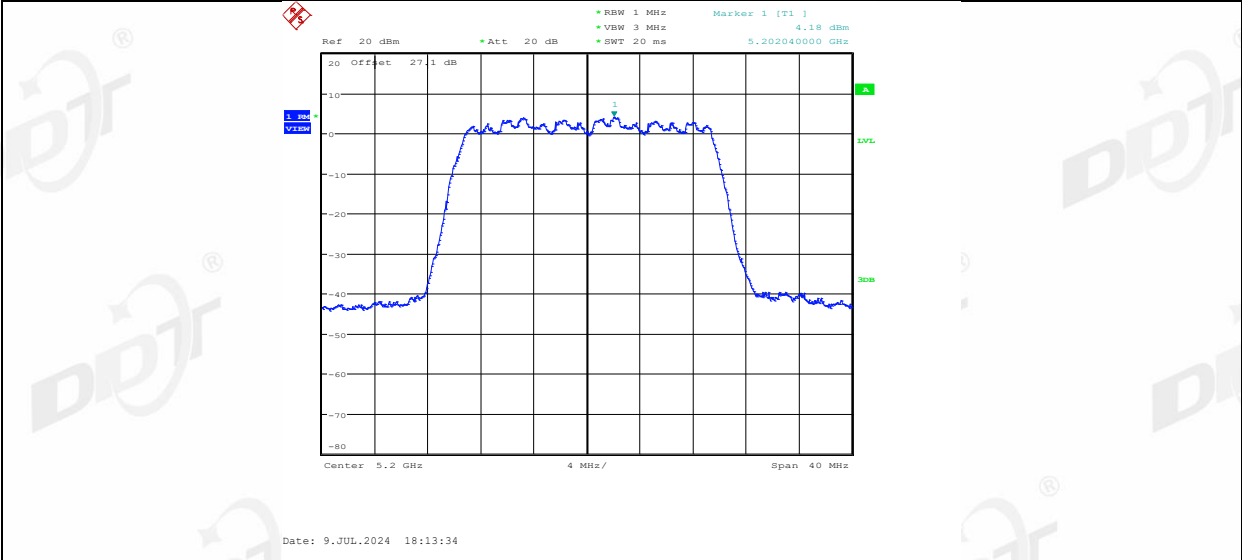
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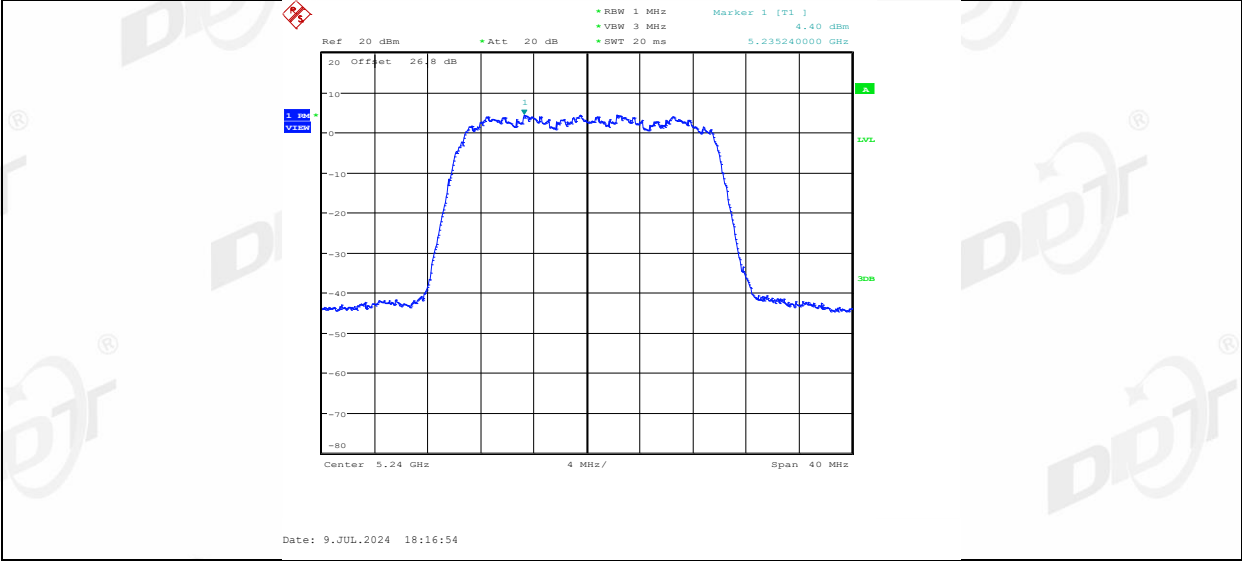
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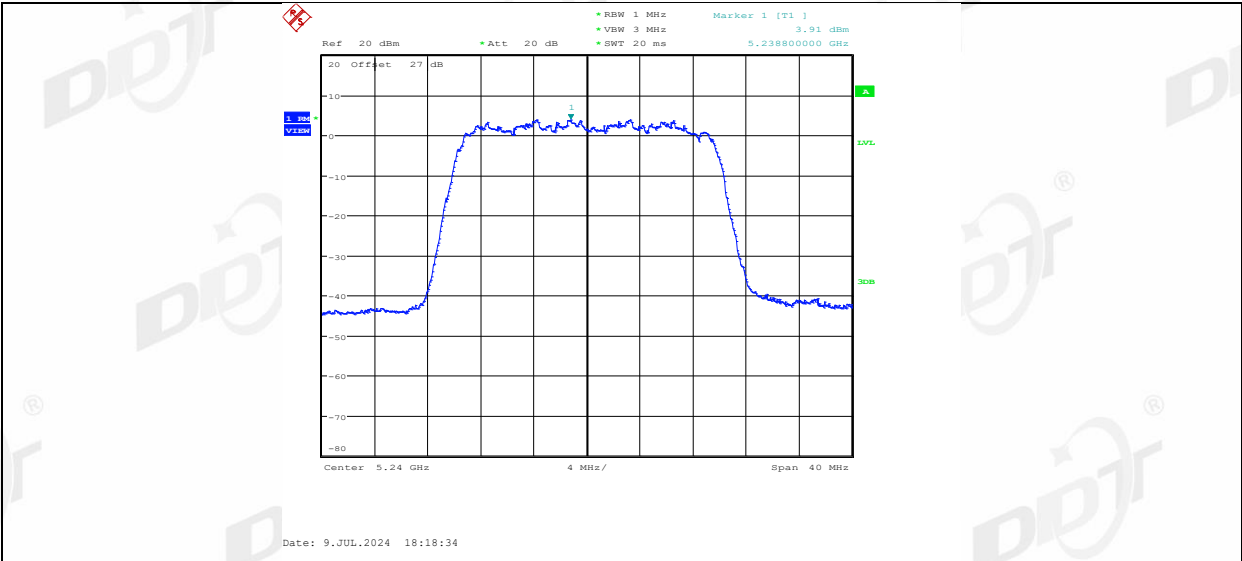
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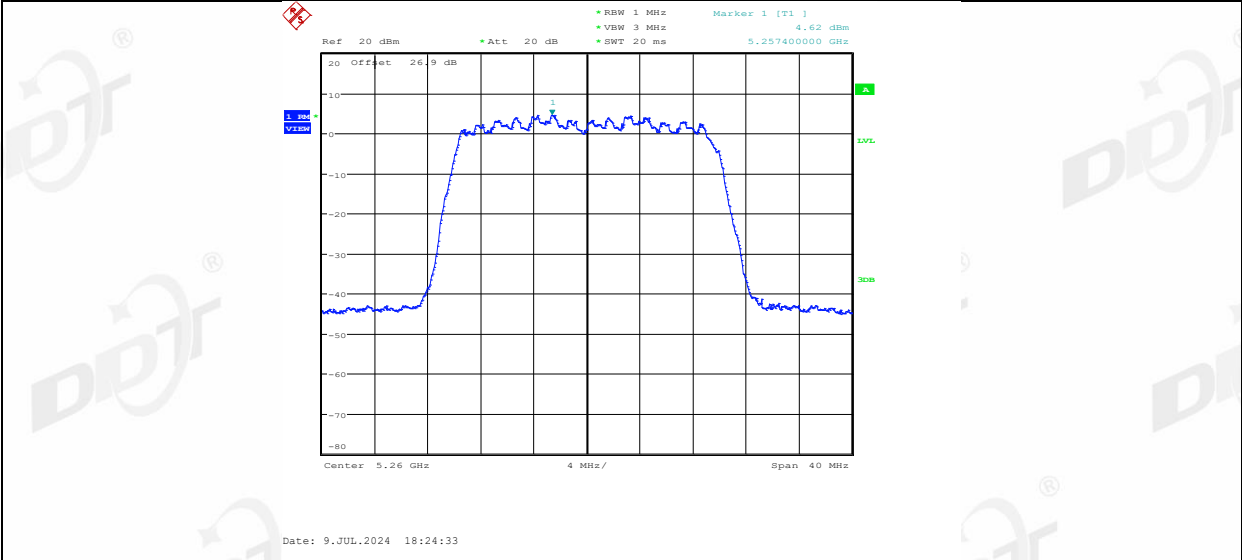
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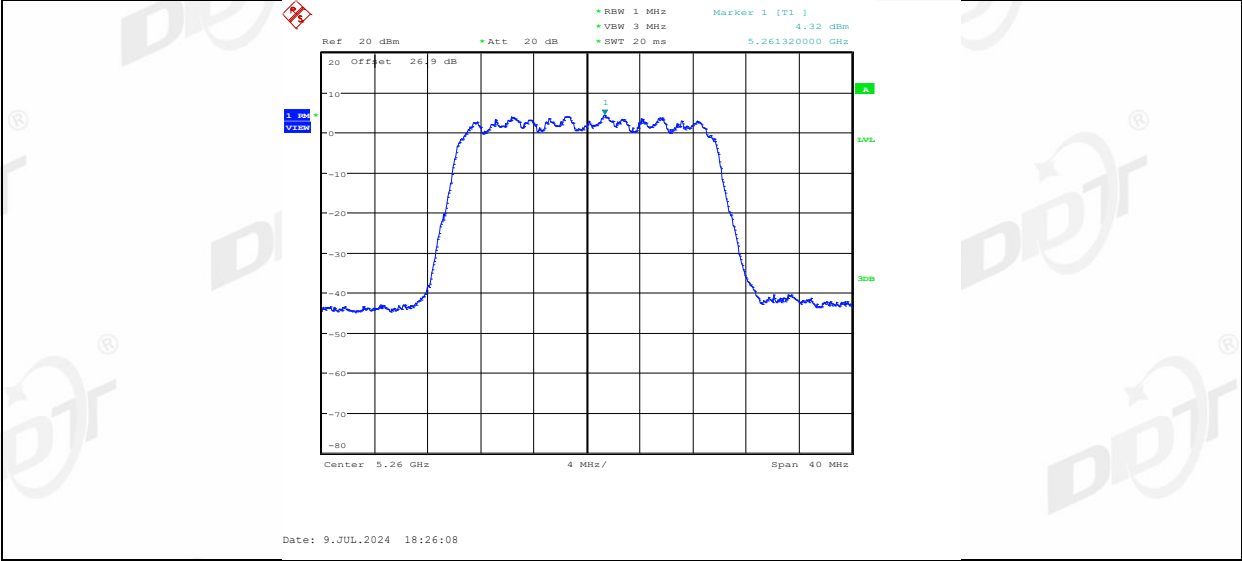
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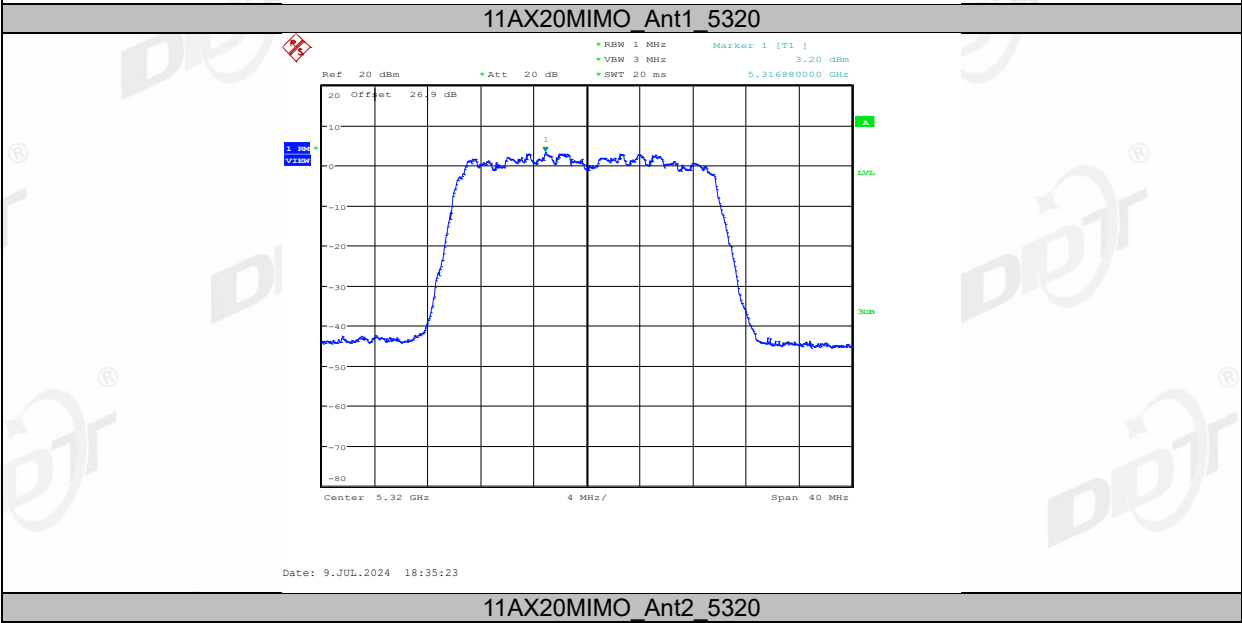
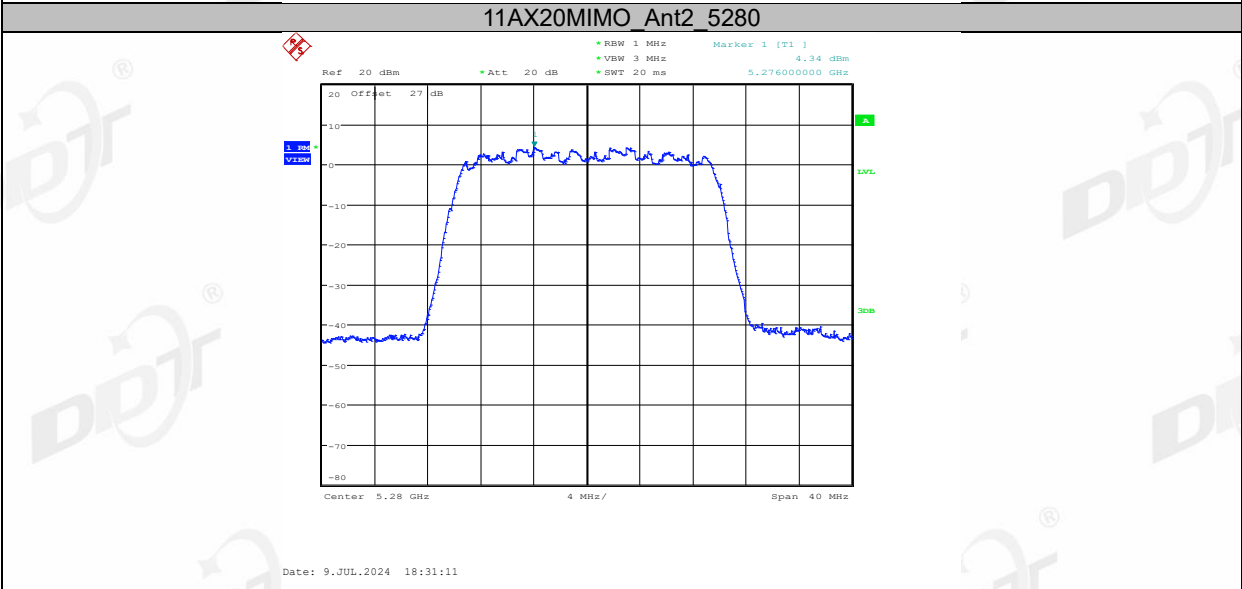
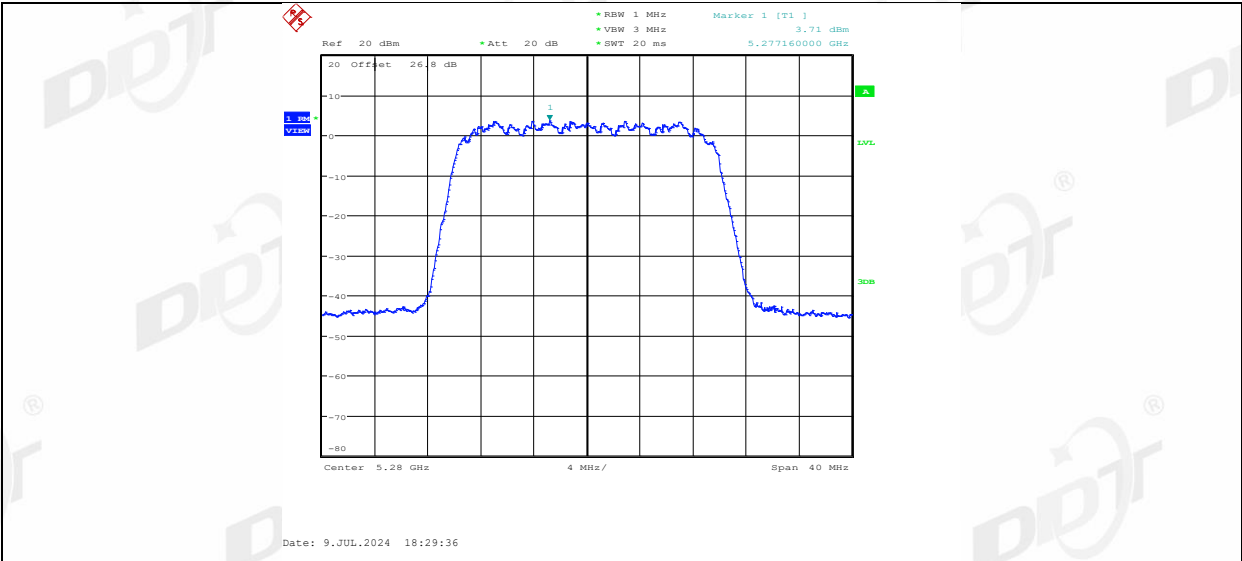
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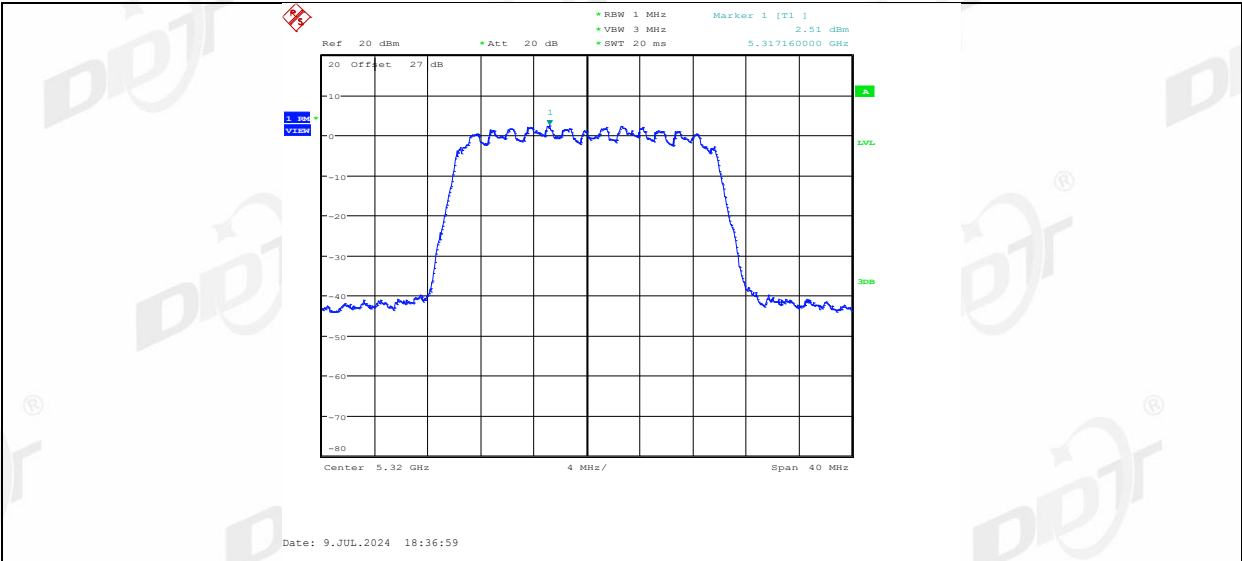


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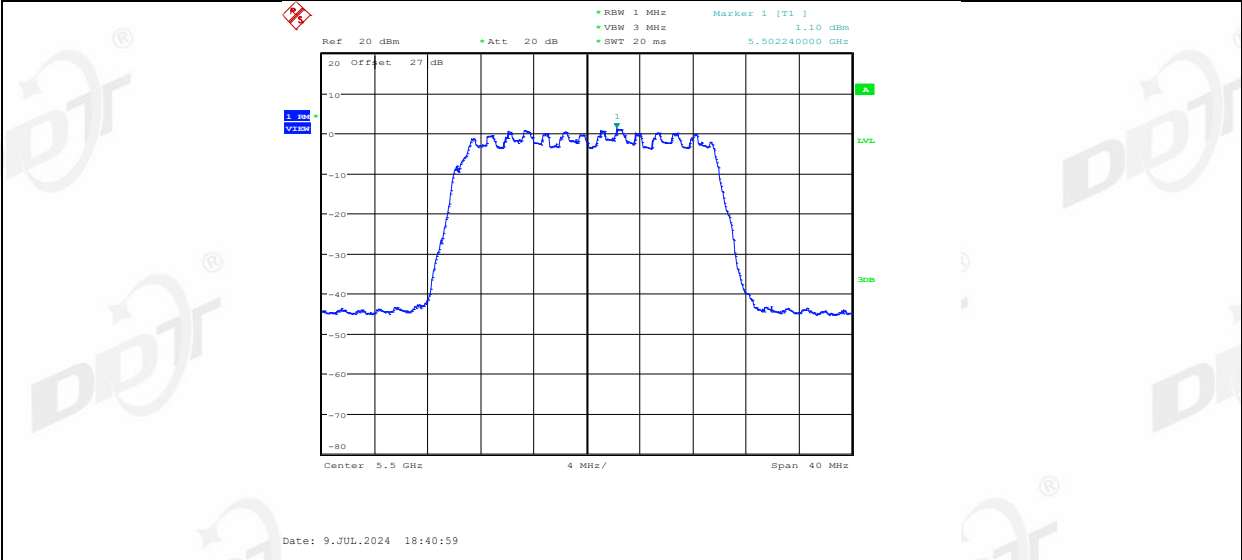


11AX20MIMO_Ant1_5280

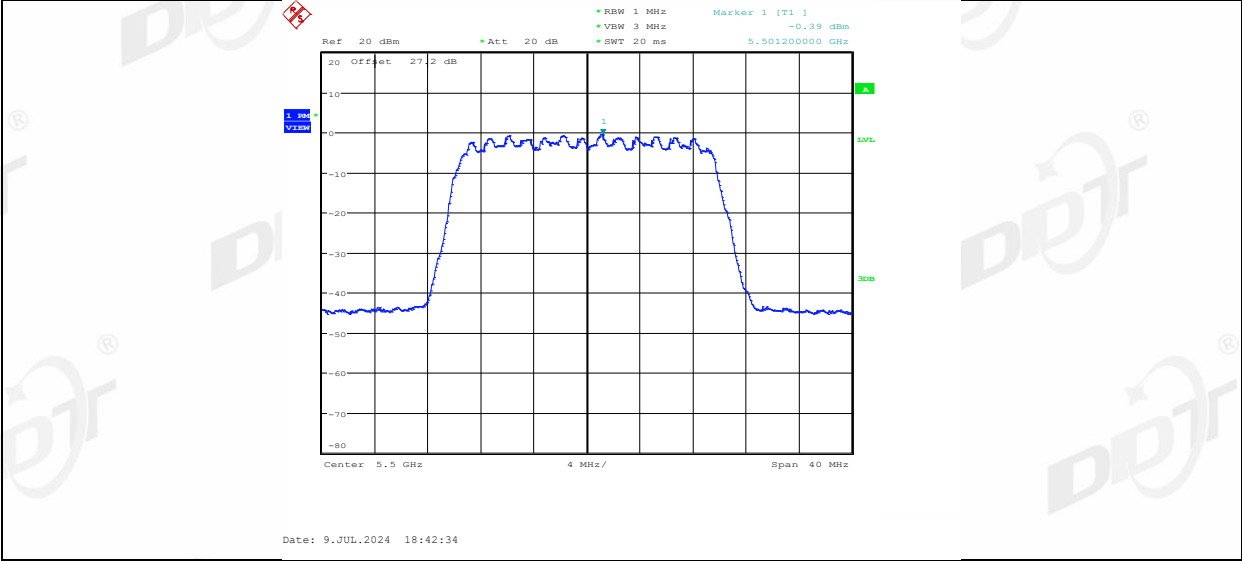




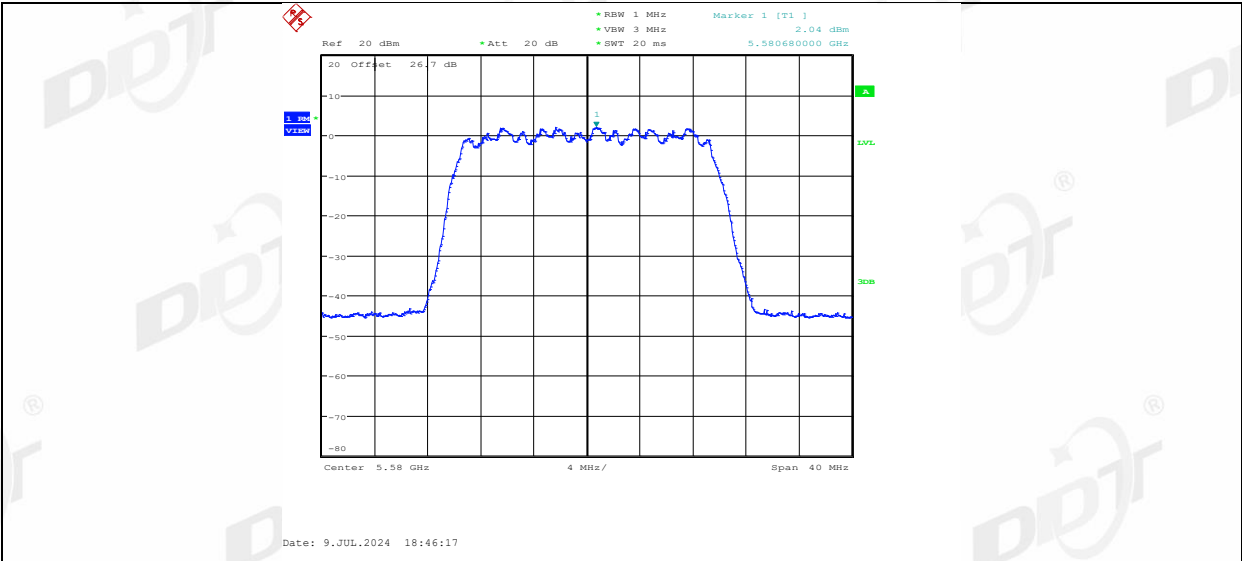
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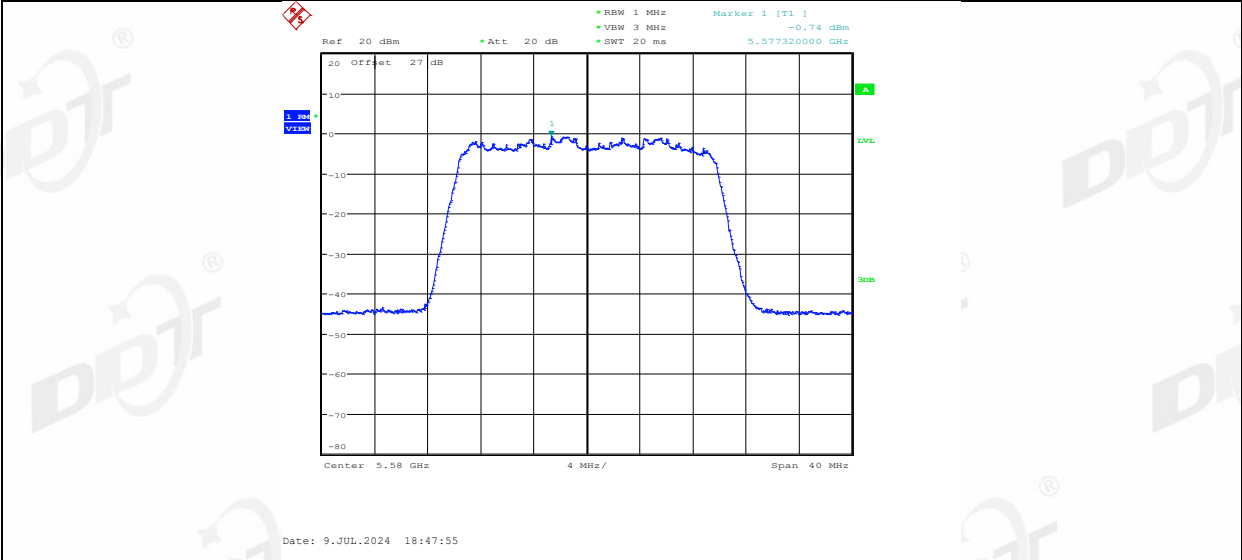
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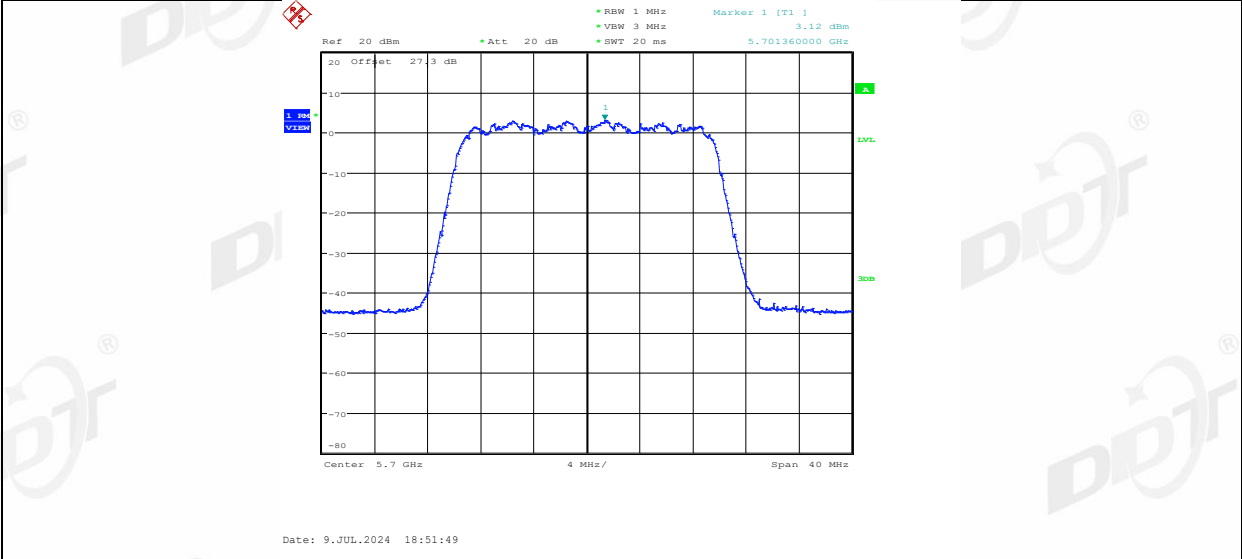
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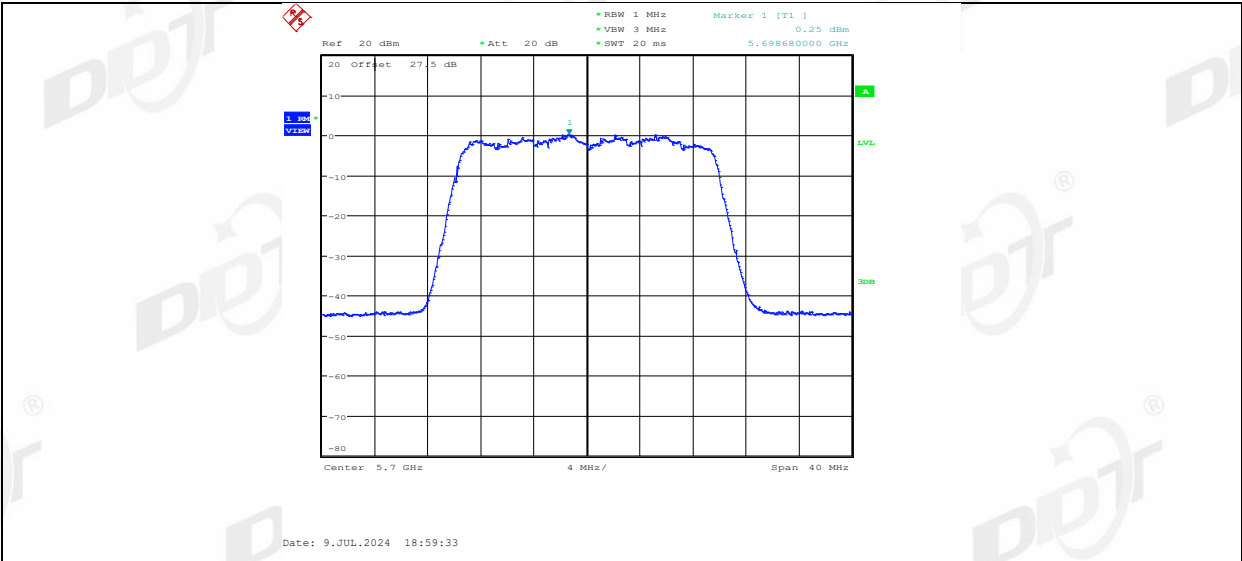
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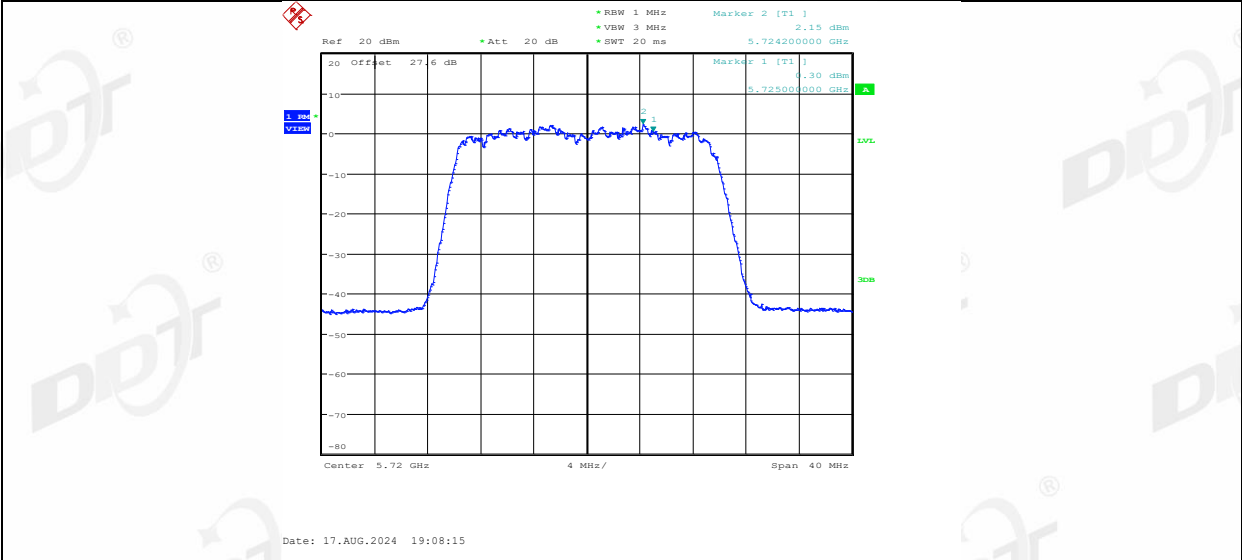
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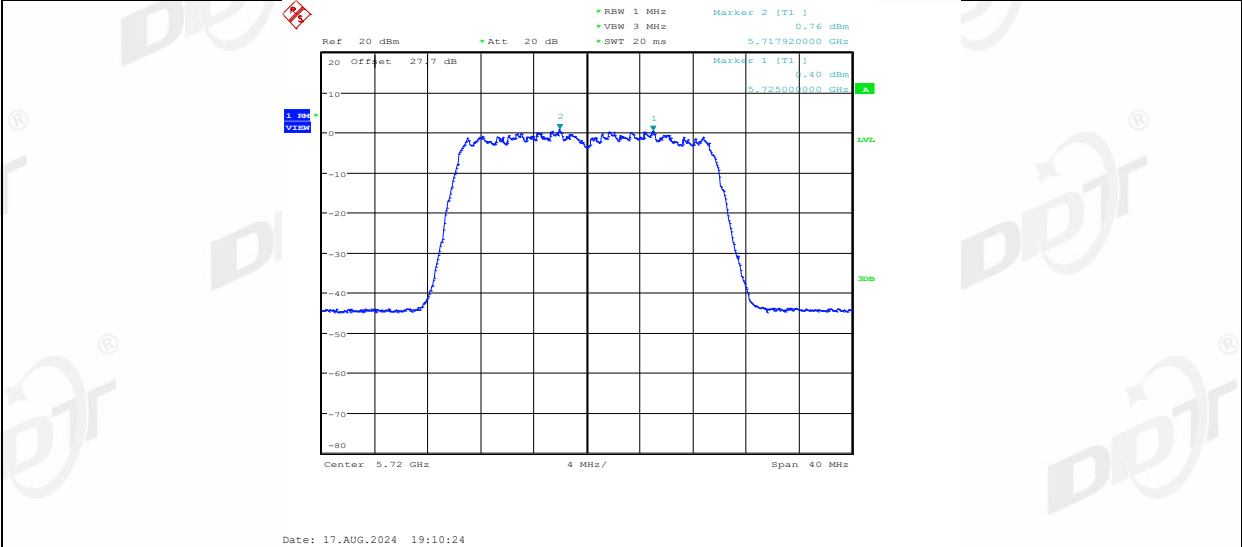
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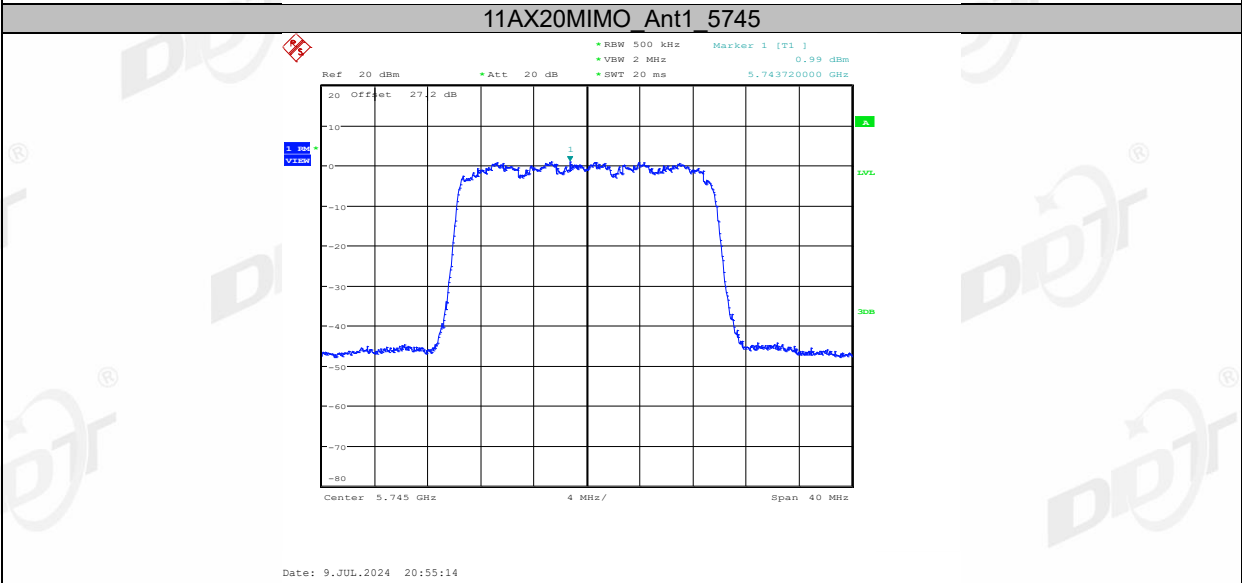
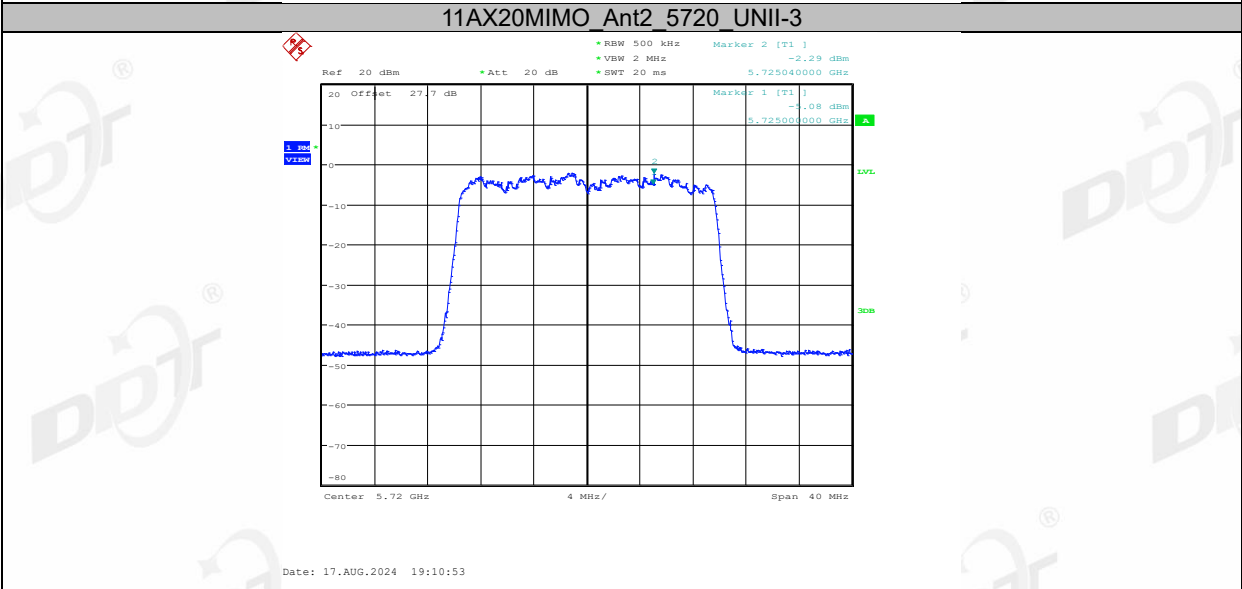
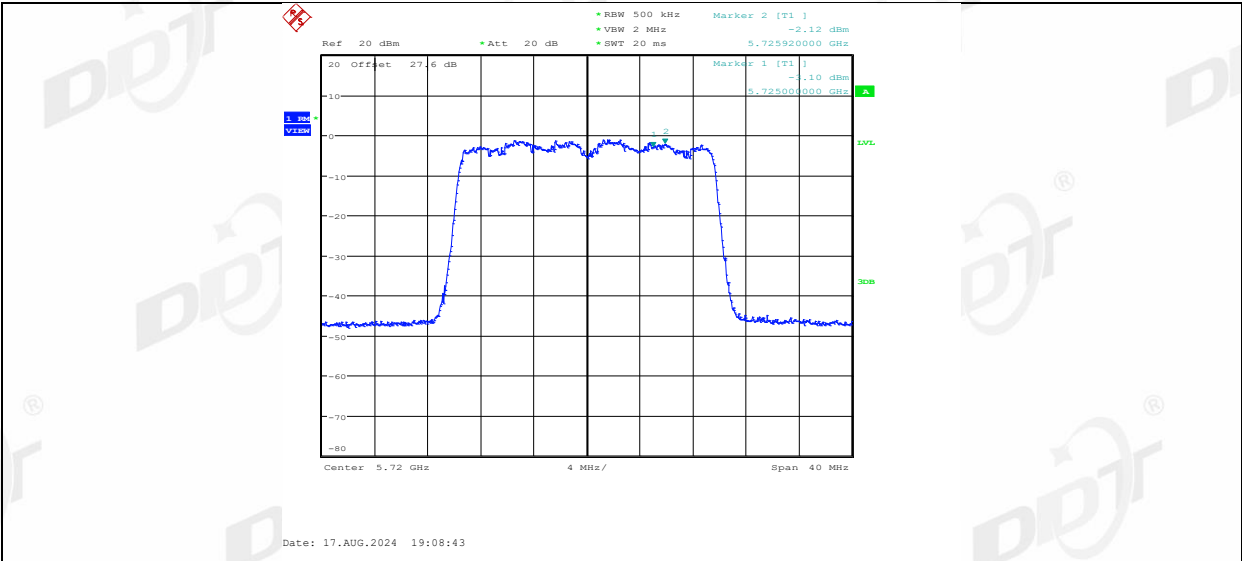
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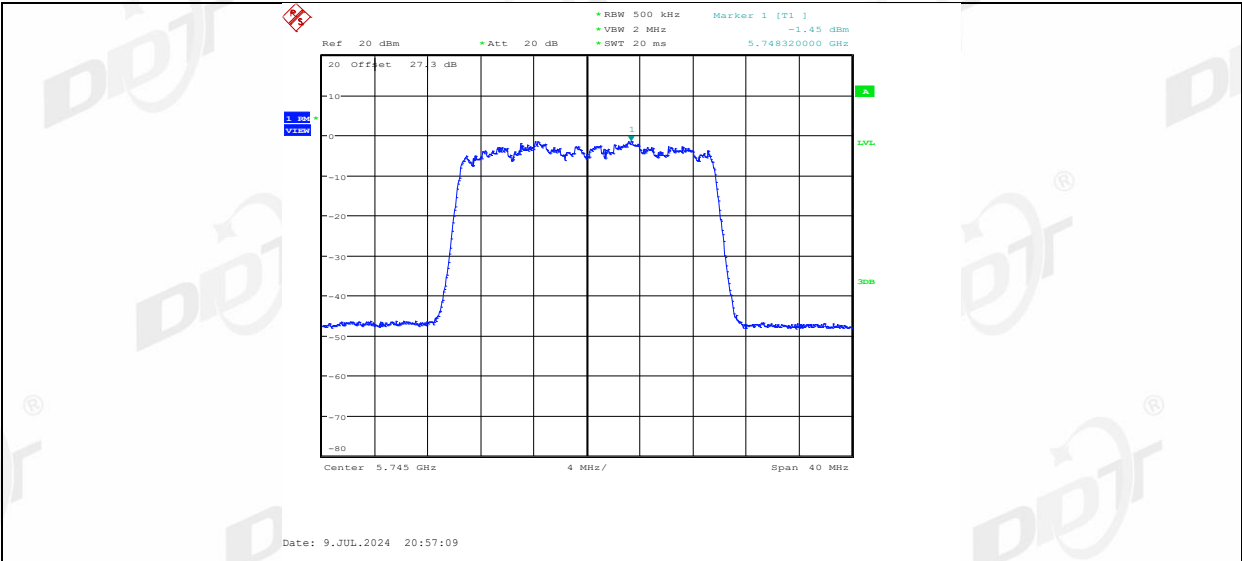
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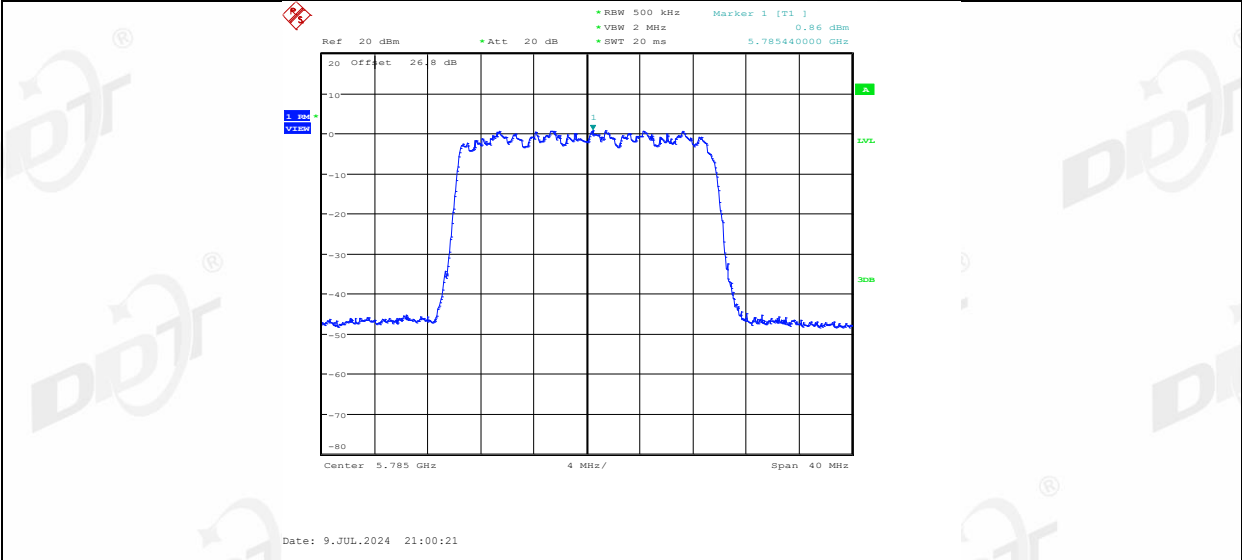
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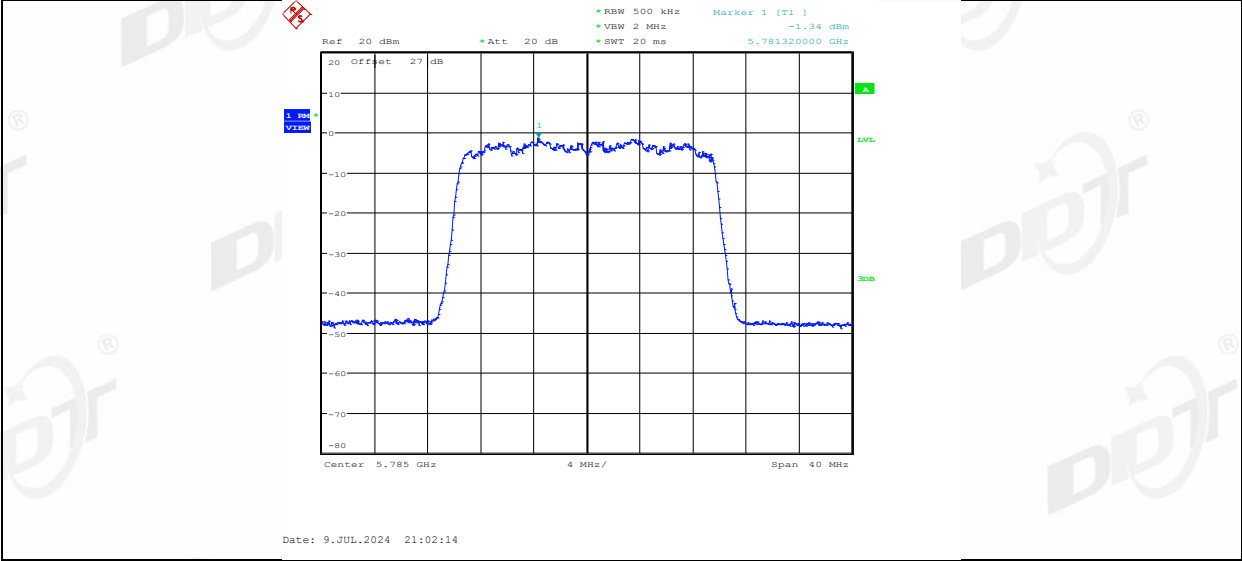
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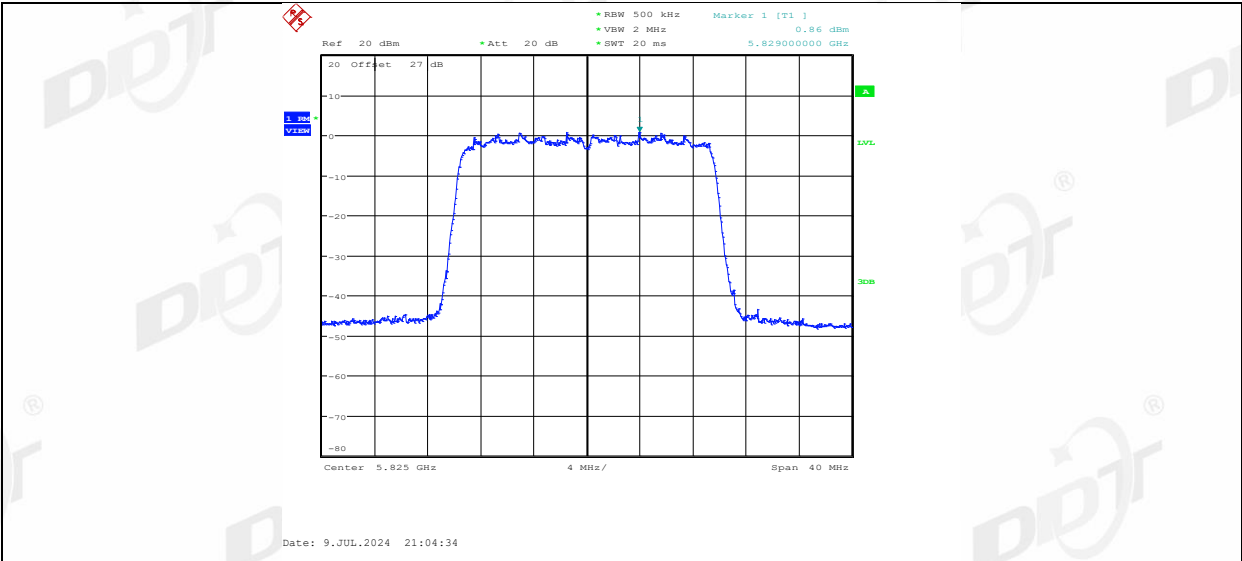
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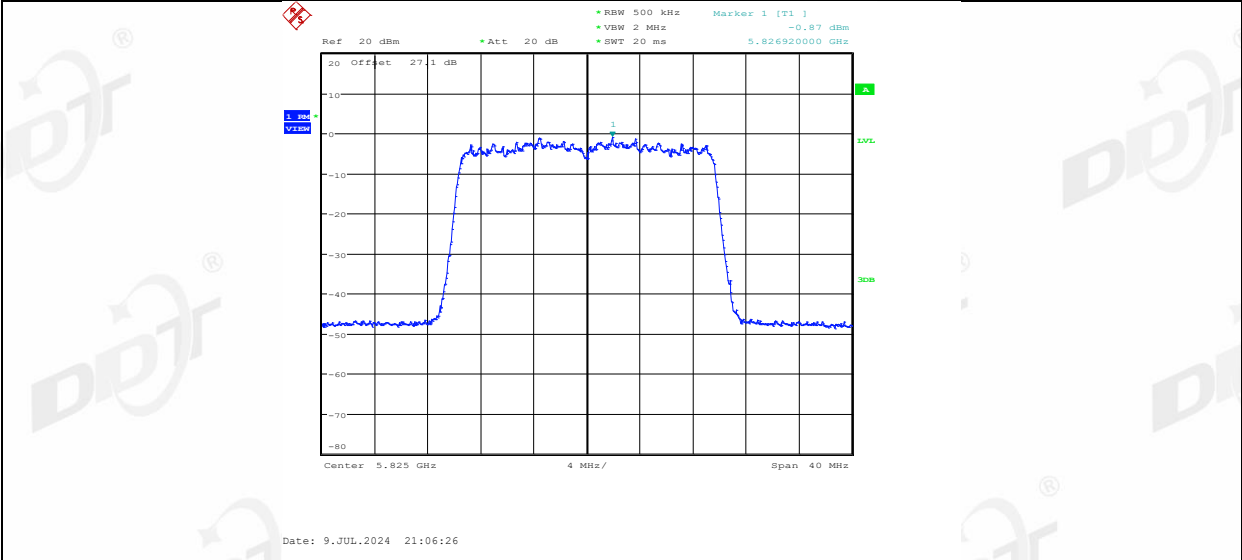
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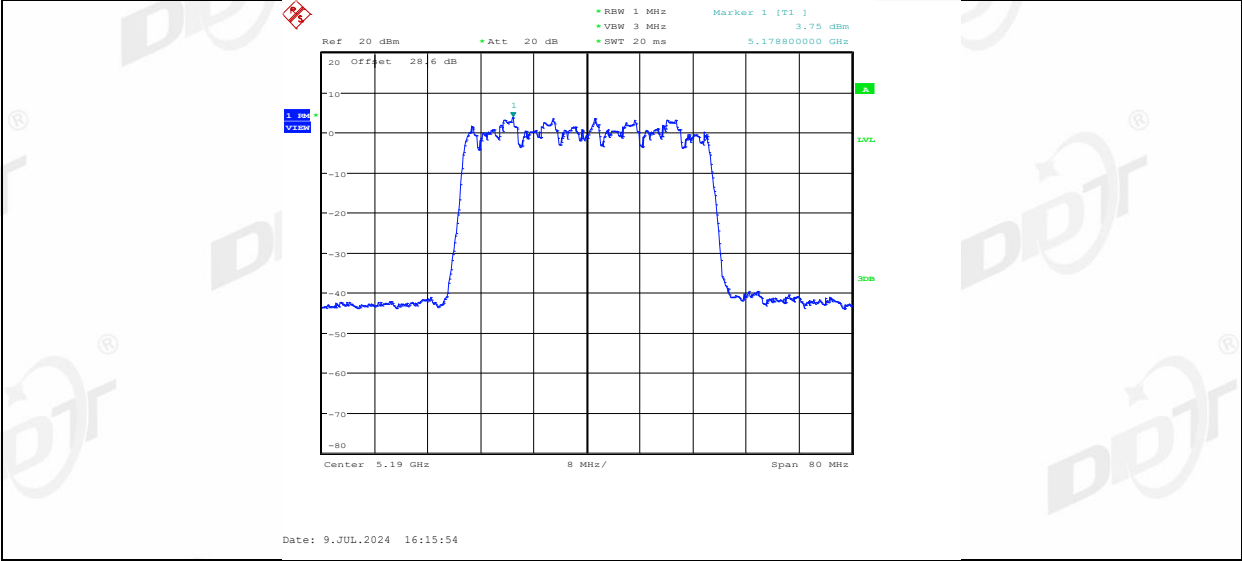
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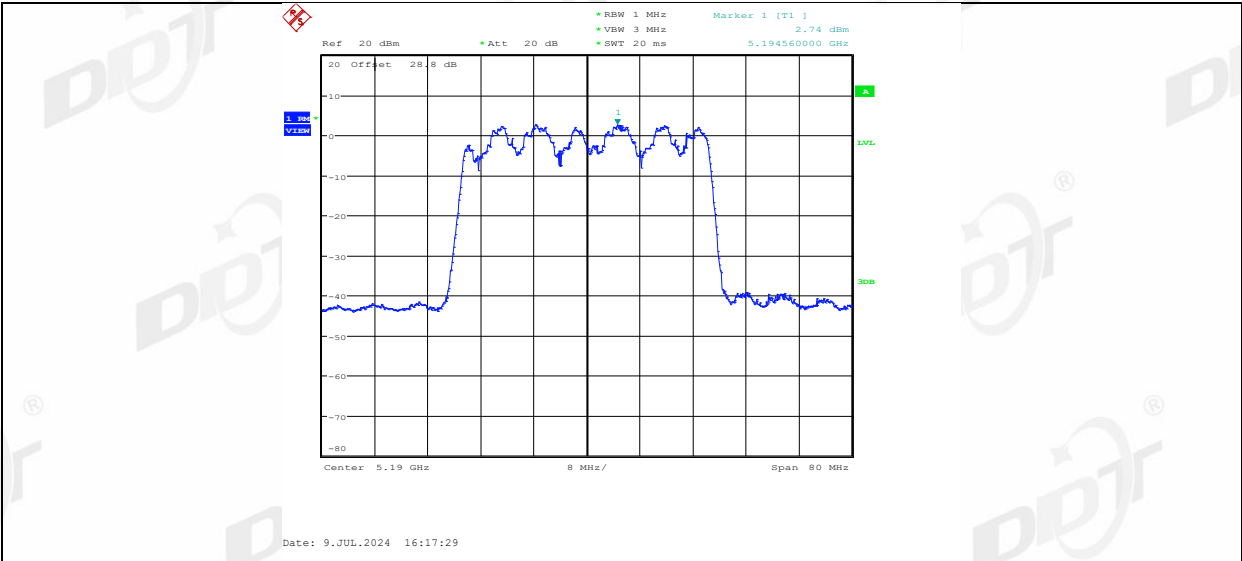
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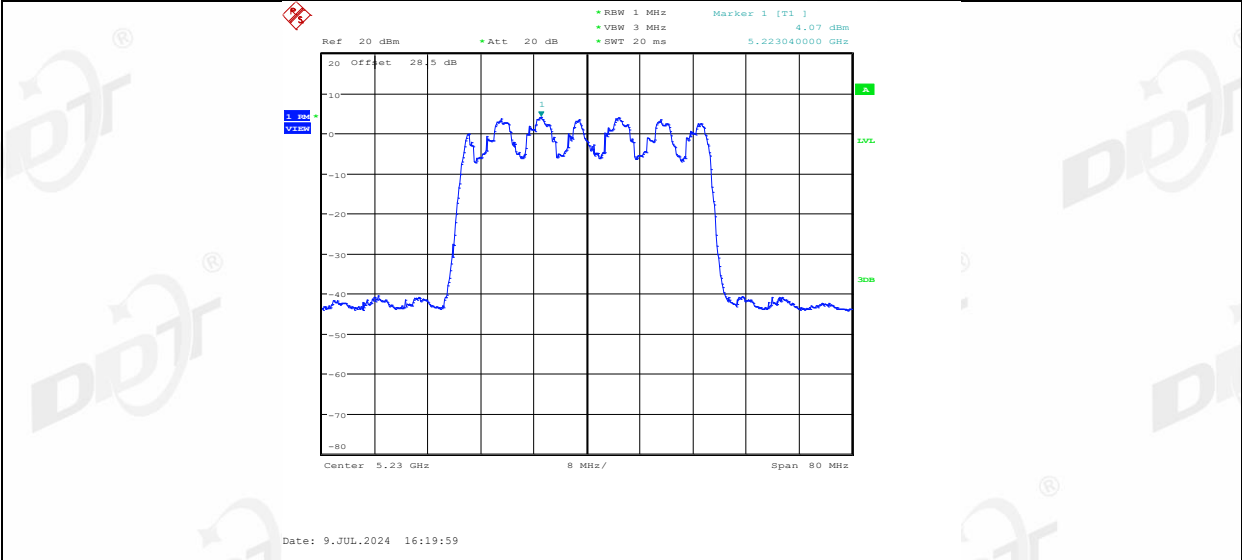
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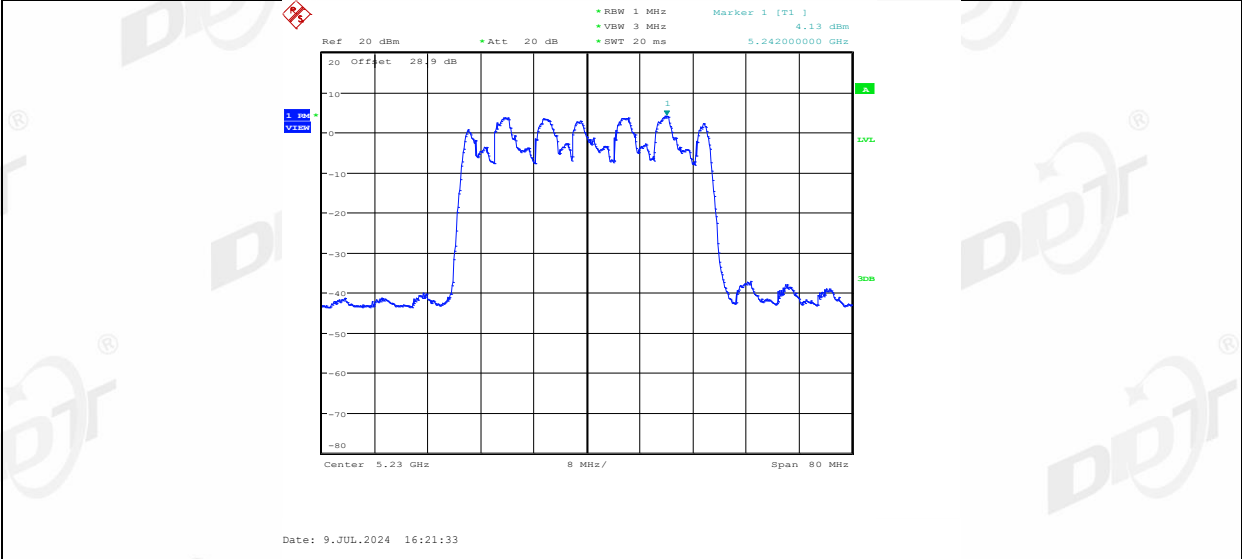
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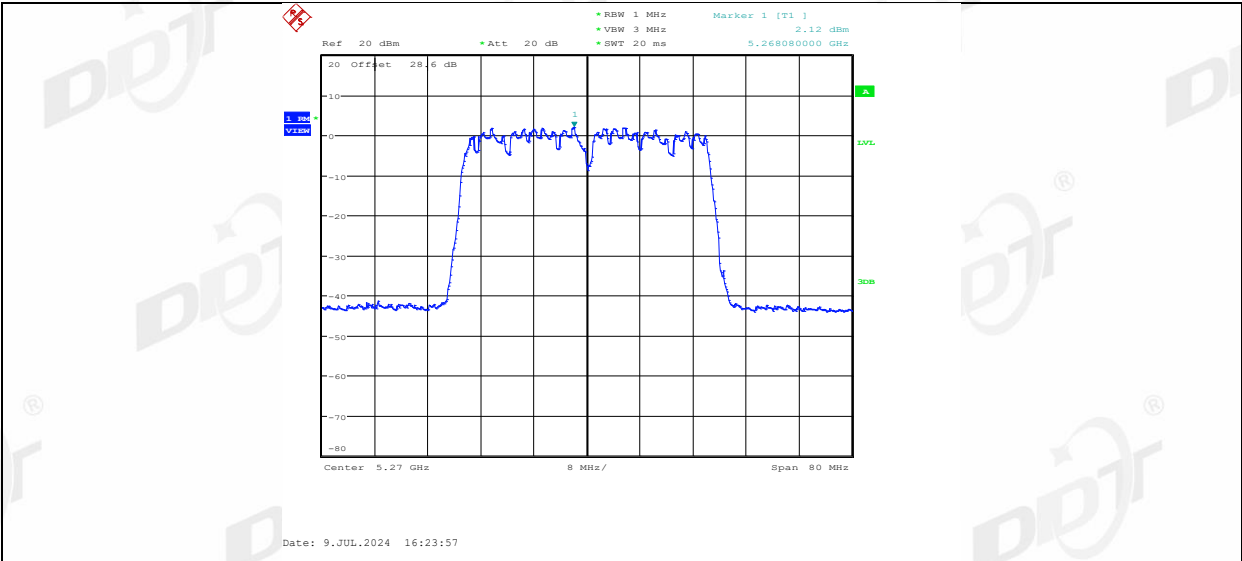
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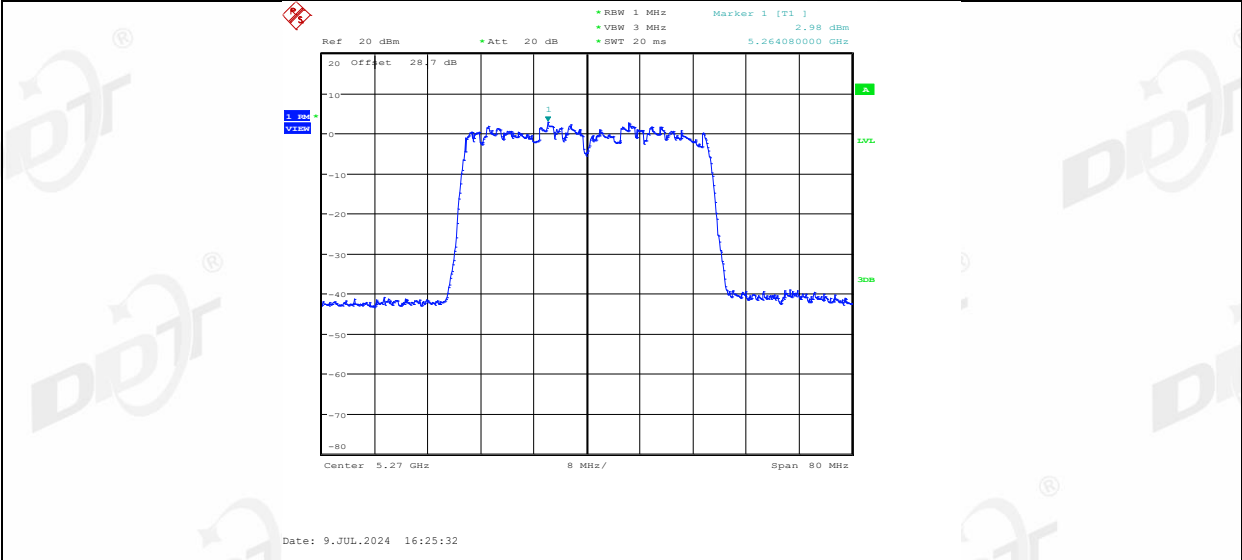
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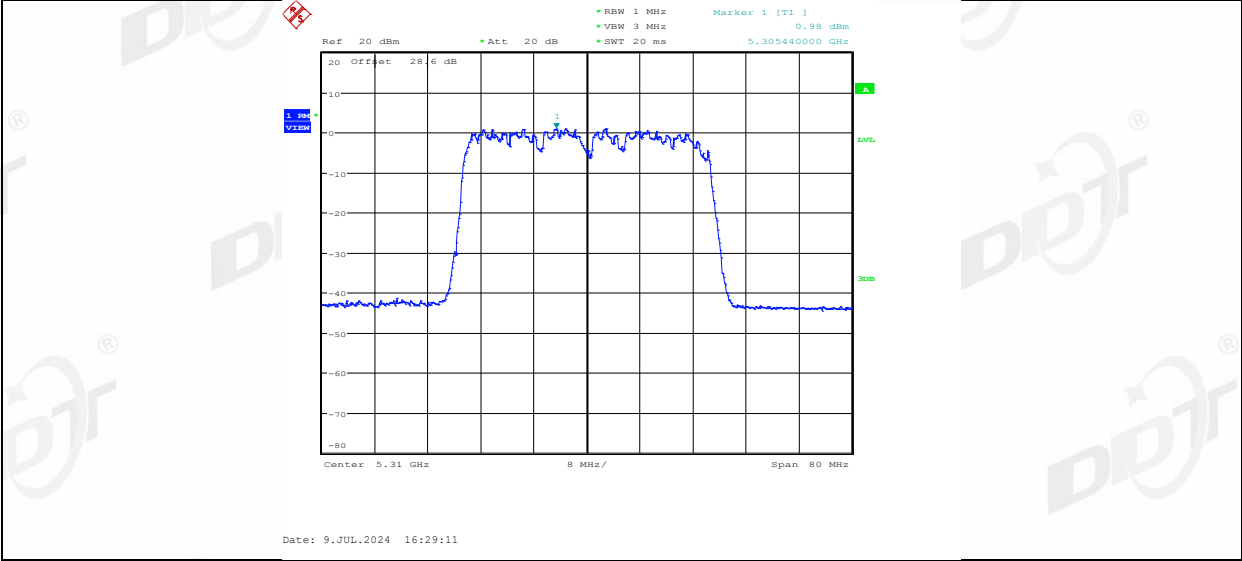
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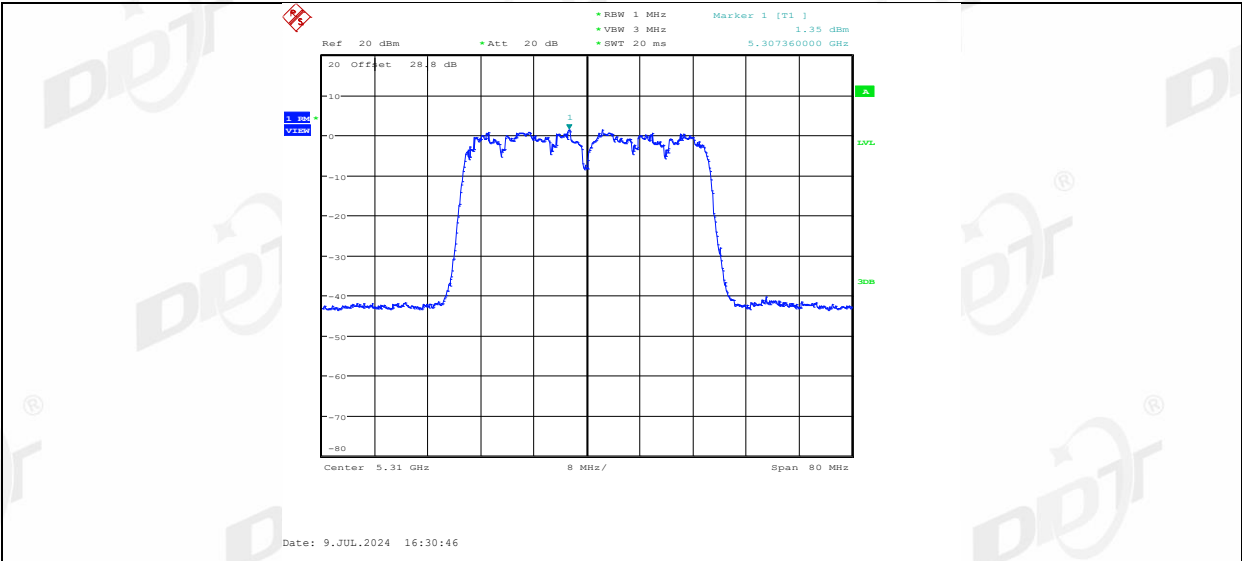
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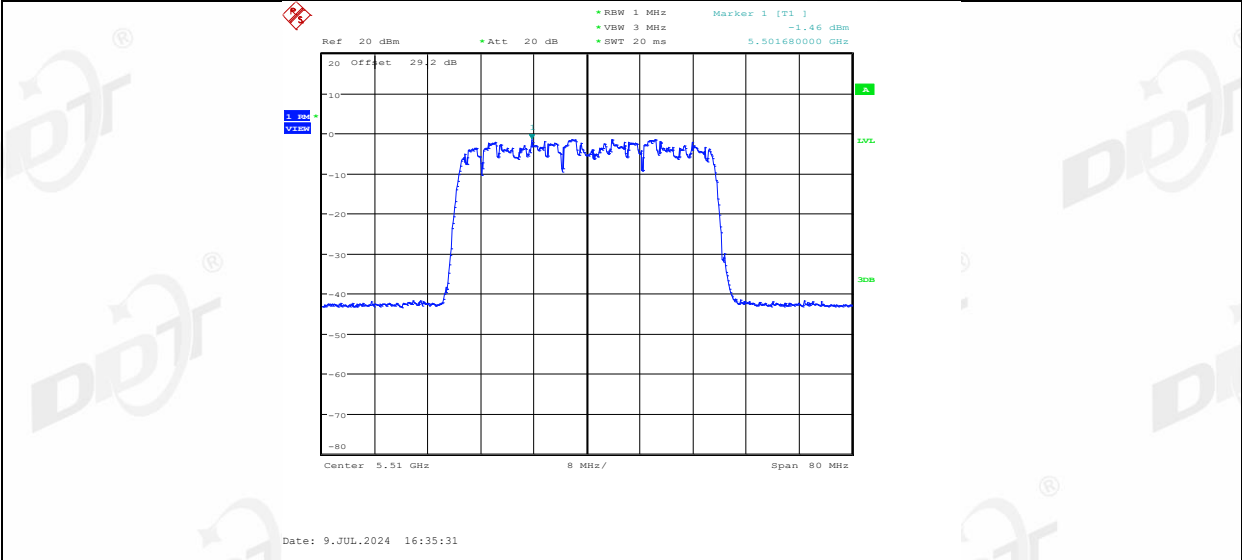
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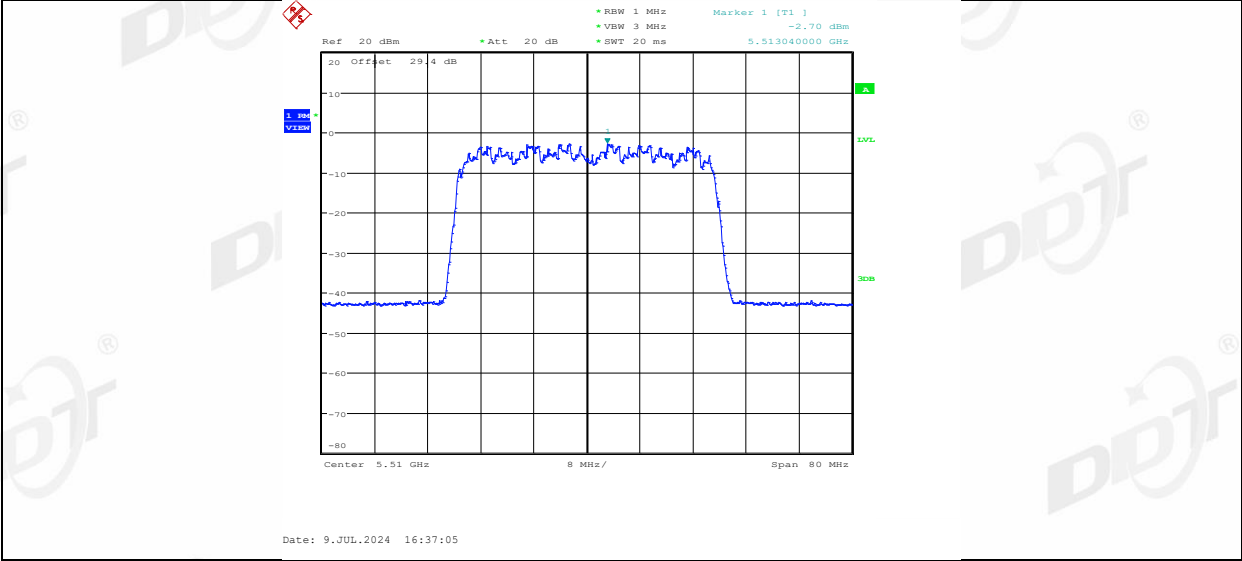
11AX40MIMO_Ant2_5310



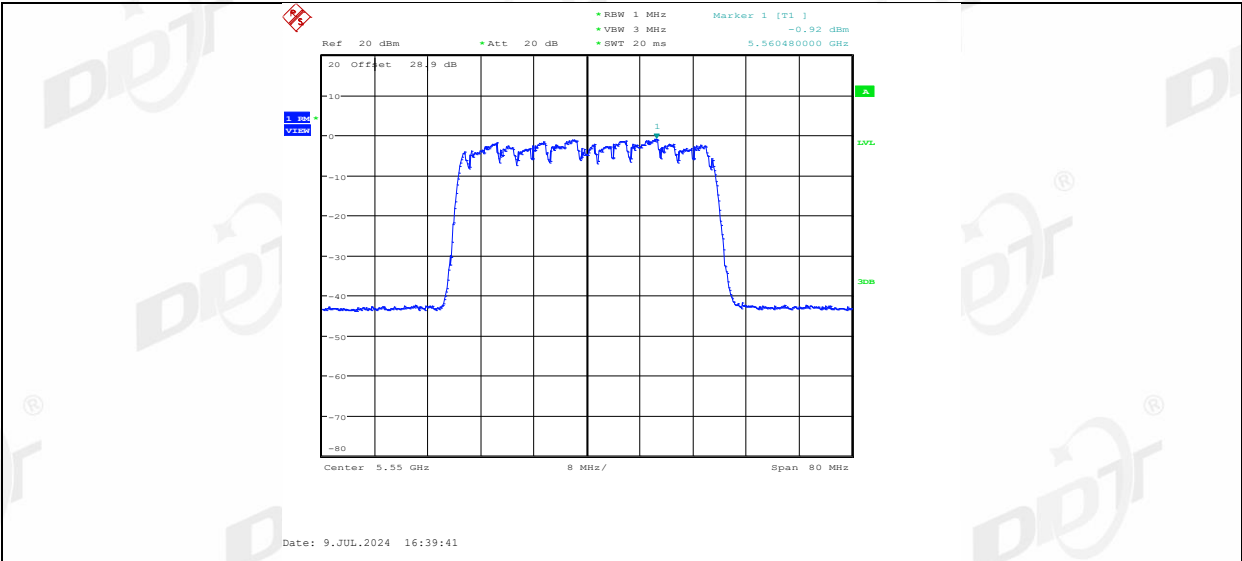
11AX40MIMO_Ant1_5510



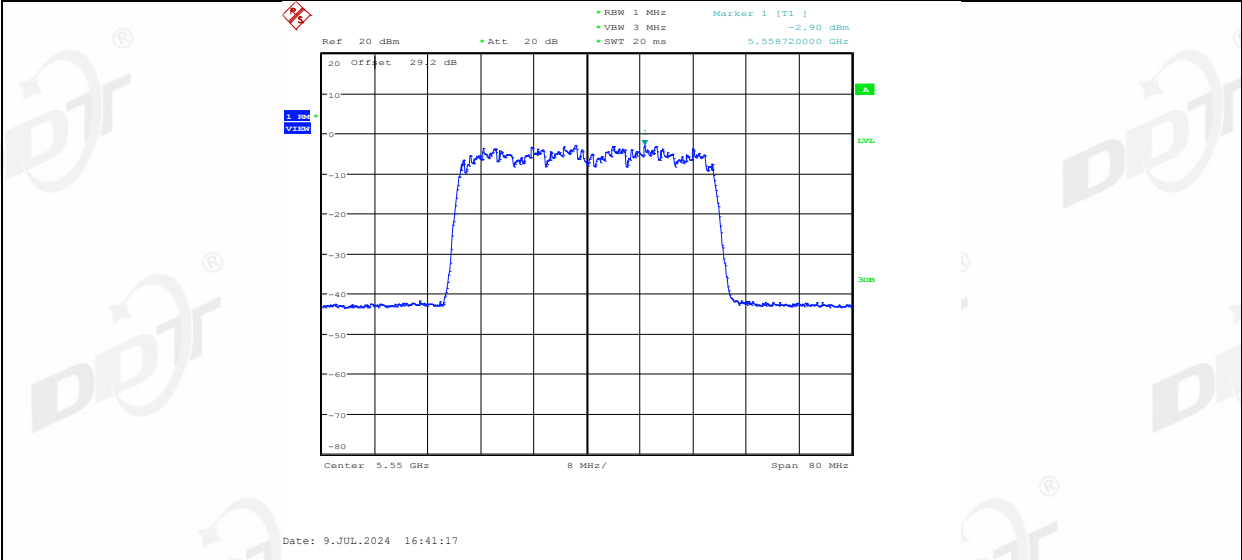
11AX40MIMO_Ant2_5510



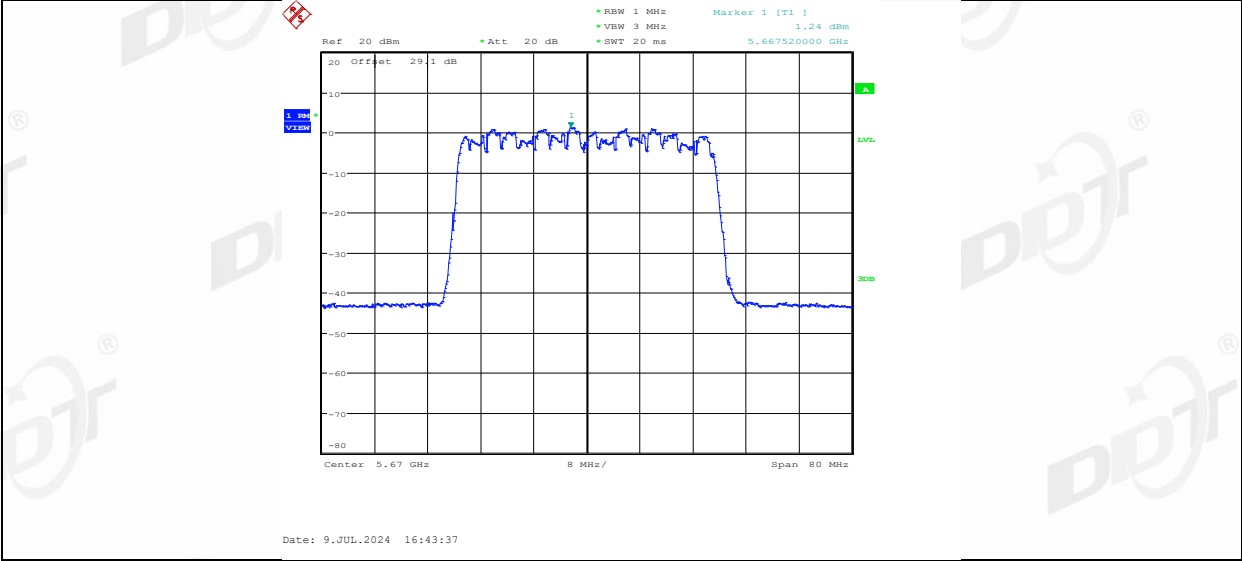
11AX40MIMO_Ant1_5550



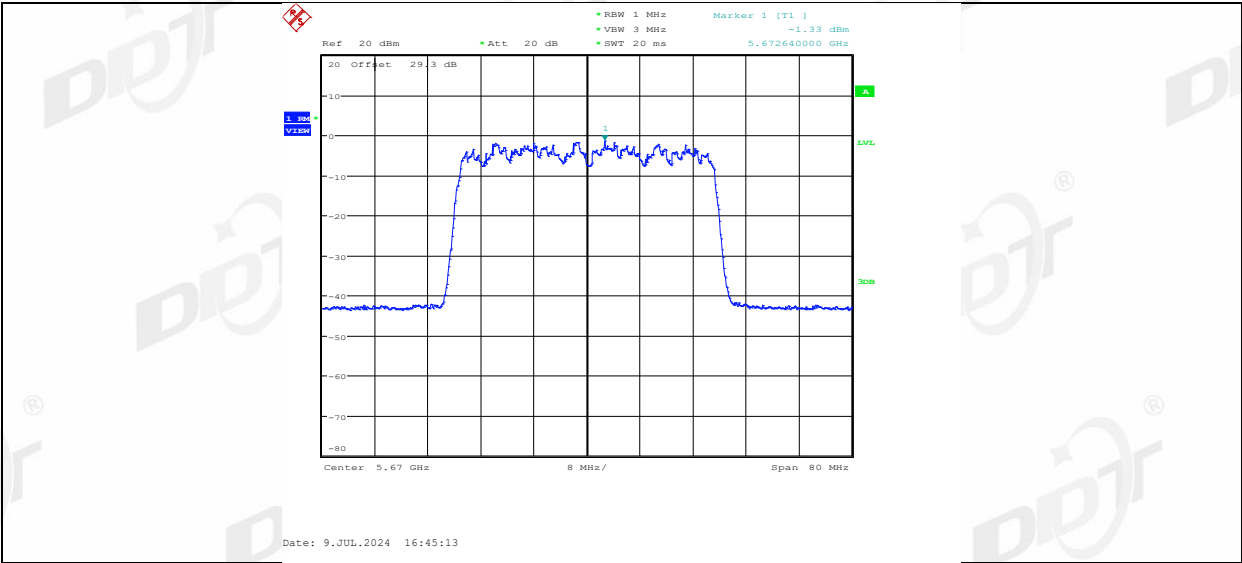
11AX40MIMO_Ant2_5550



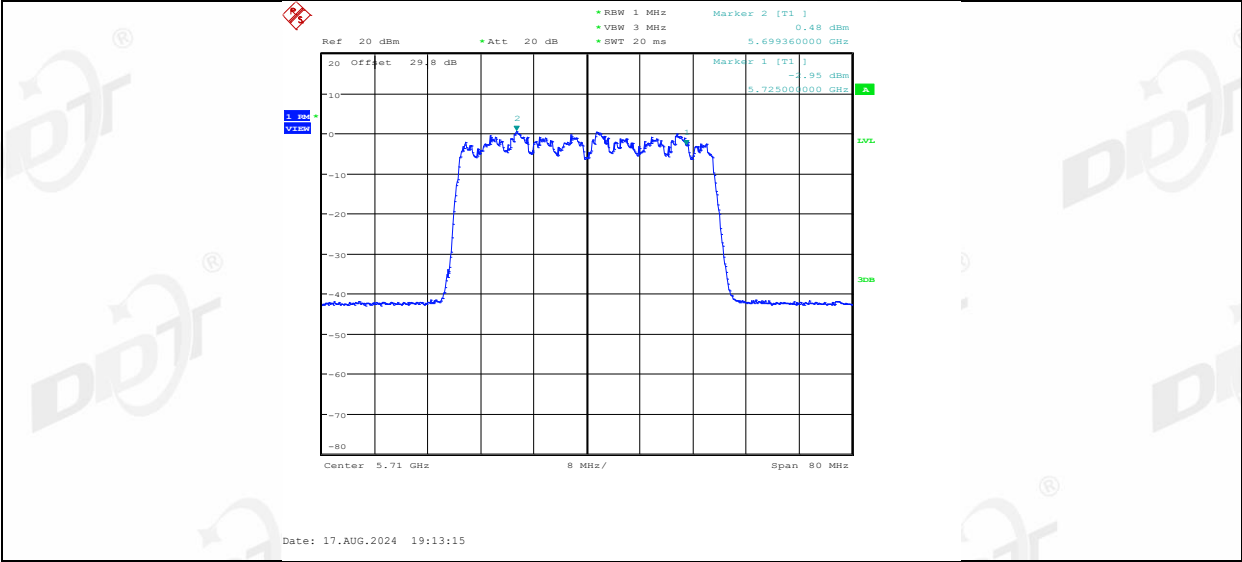
11AX40MIMO_Ant1_5670



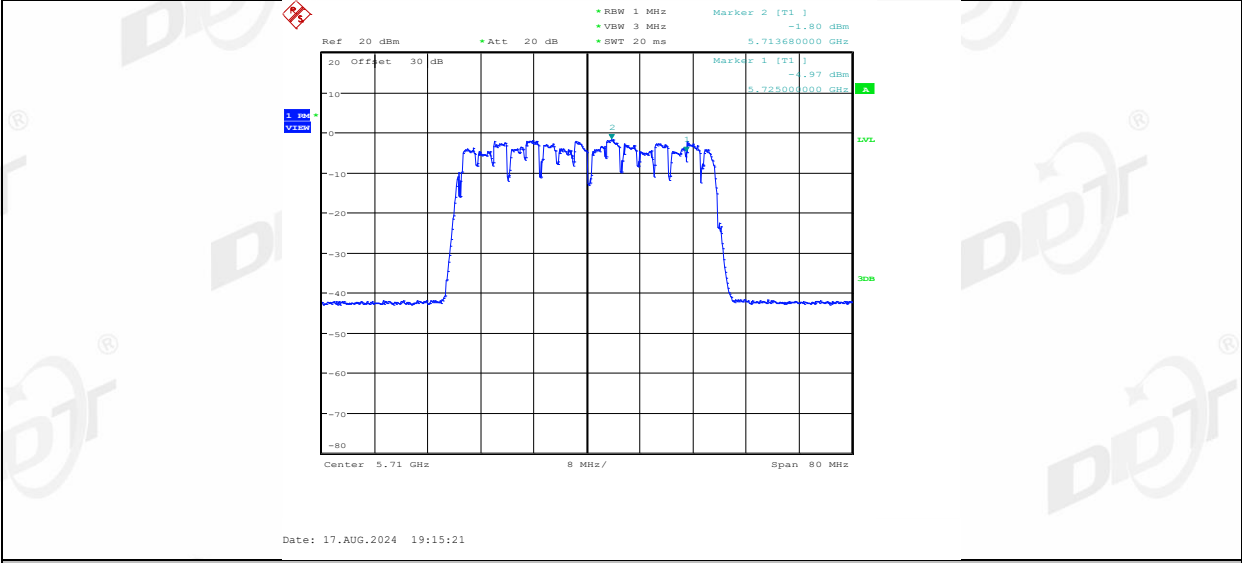
11AX40MIMO_Ant2_5670



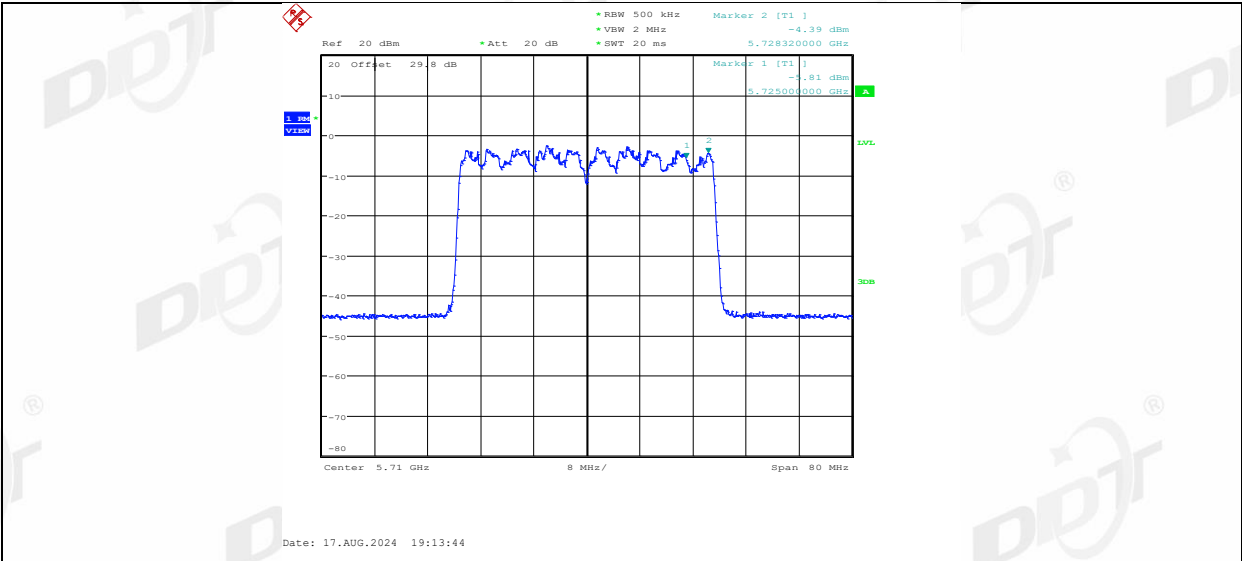
11AX40MIMO_Ant1_5710_UNII-2C



11AX40MIMO_Ant2_5710_UNII-2C



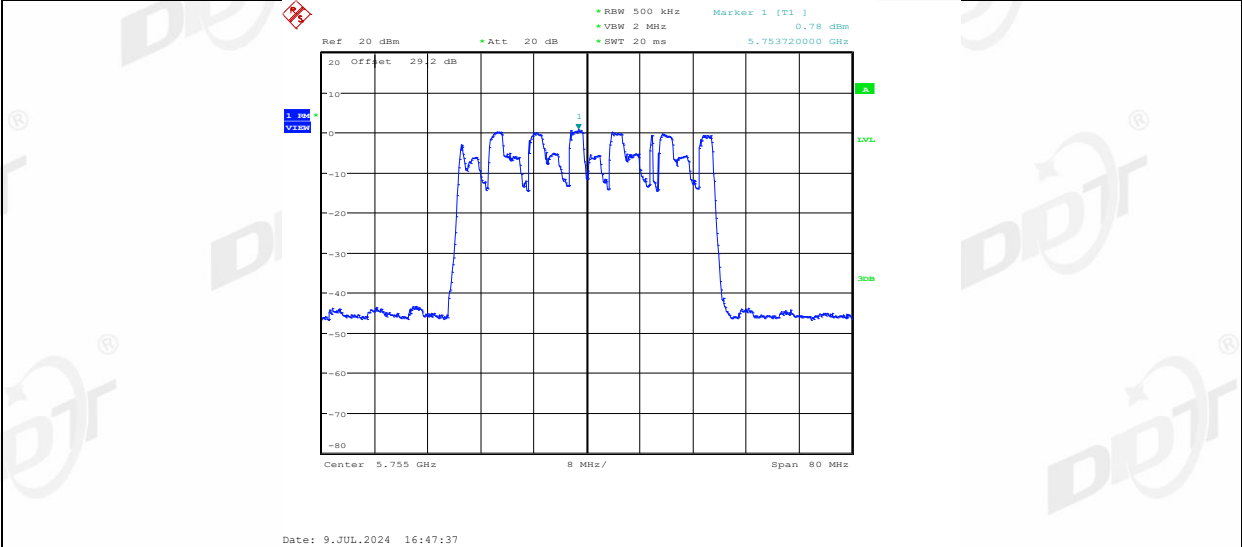
11AX40MIMO_Ant1_5710_UNII-3



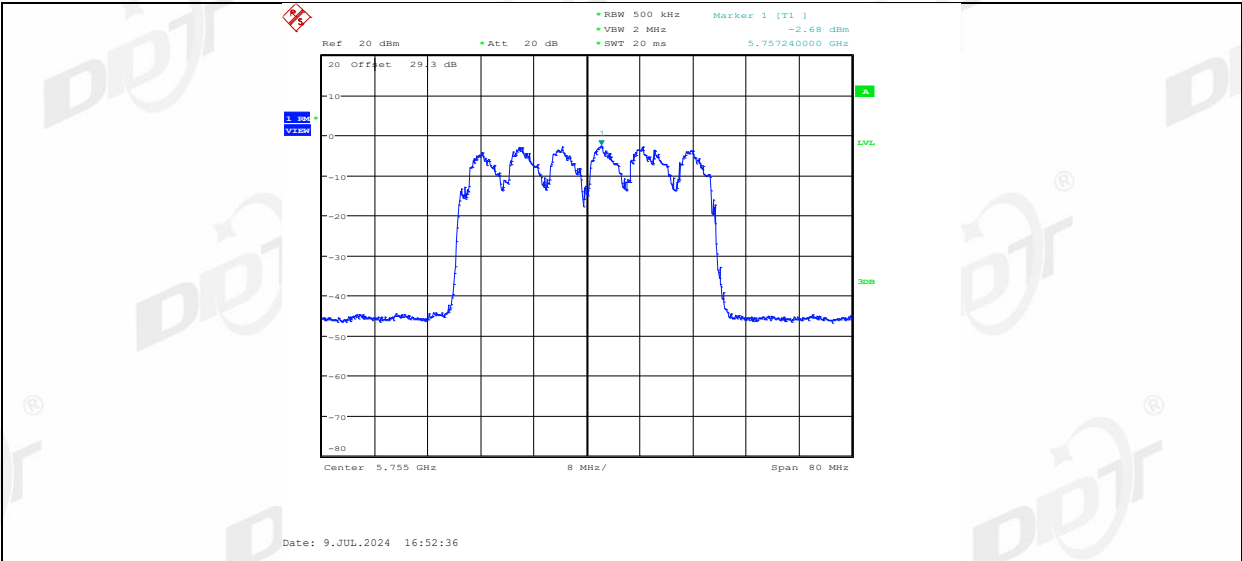
11AX40MIMO_Ant2_5710_UNII-3



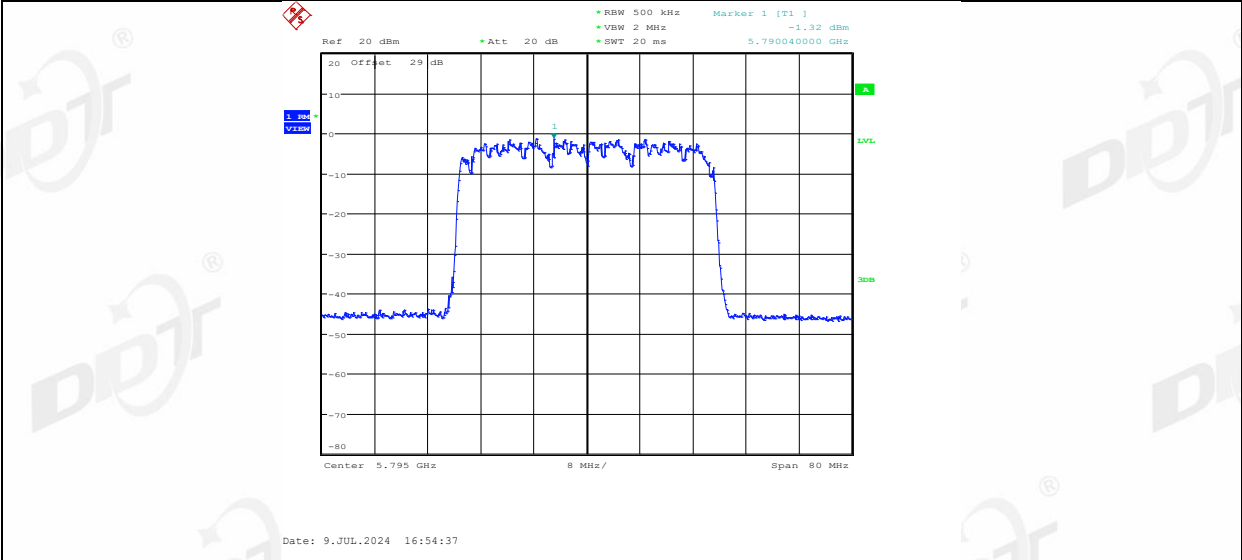
11AX40MIMO_Ant1_5755



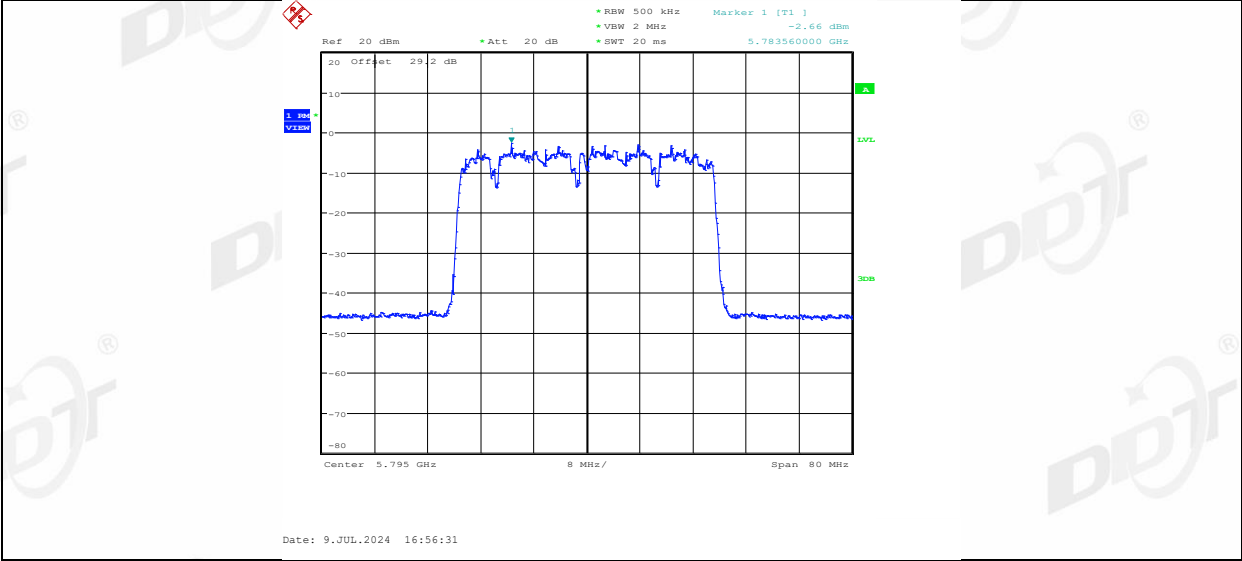
11AX40MIMO_Ant2_5755



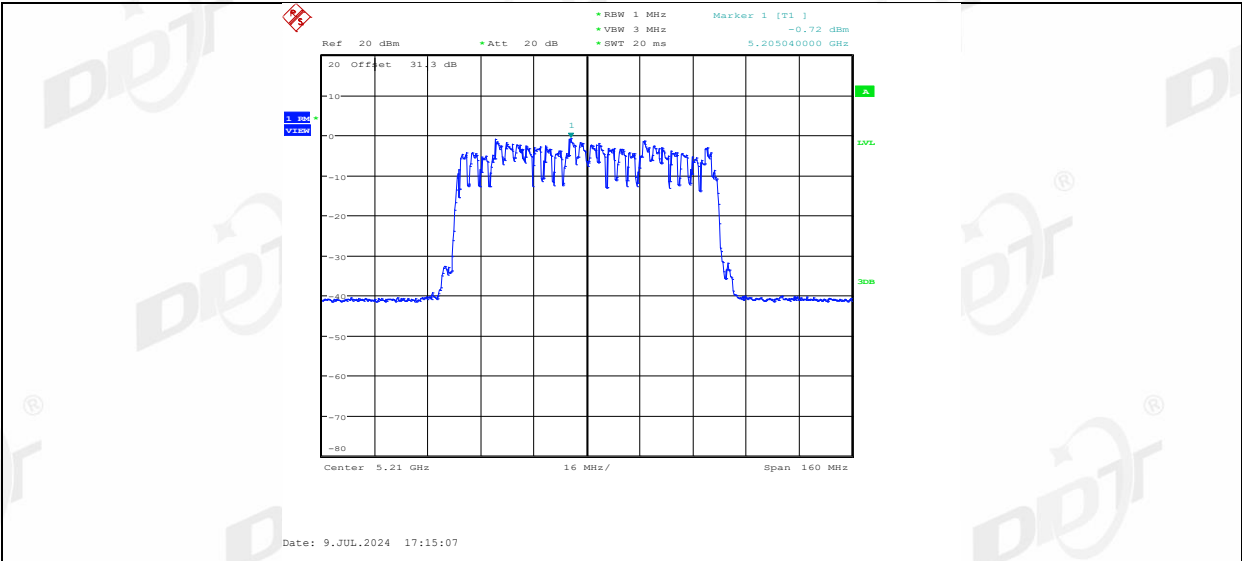
11AX40MIMO_Ant1_5795



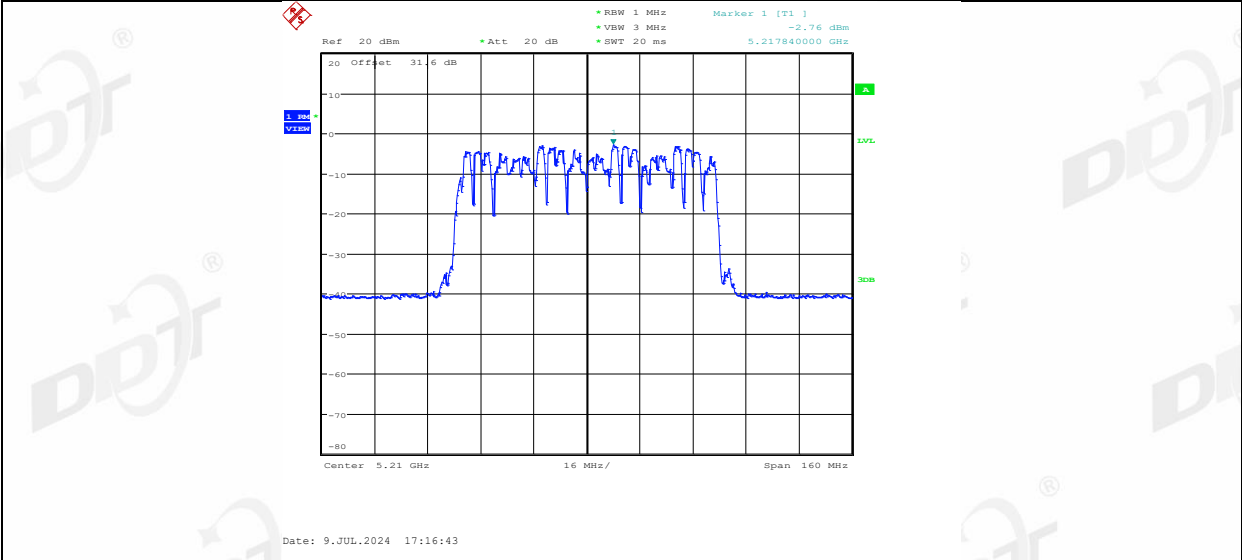
11AX40MIMO_Ant2_5795



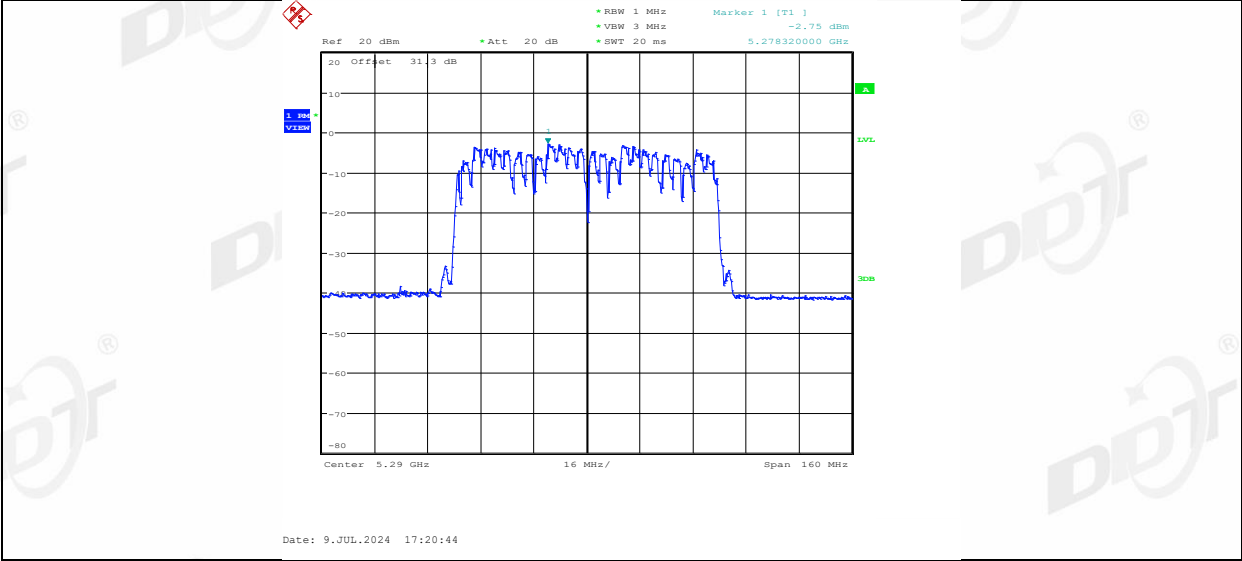
11AX80MIMO_Ant1_5210



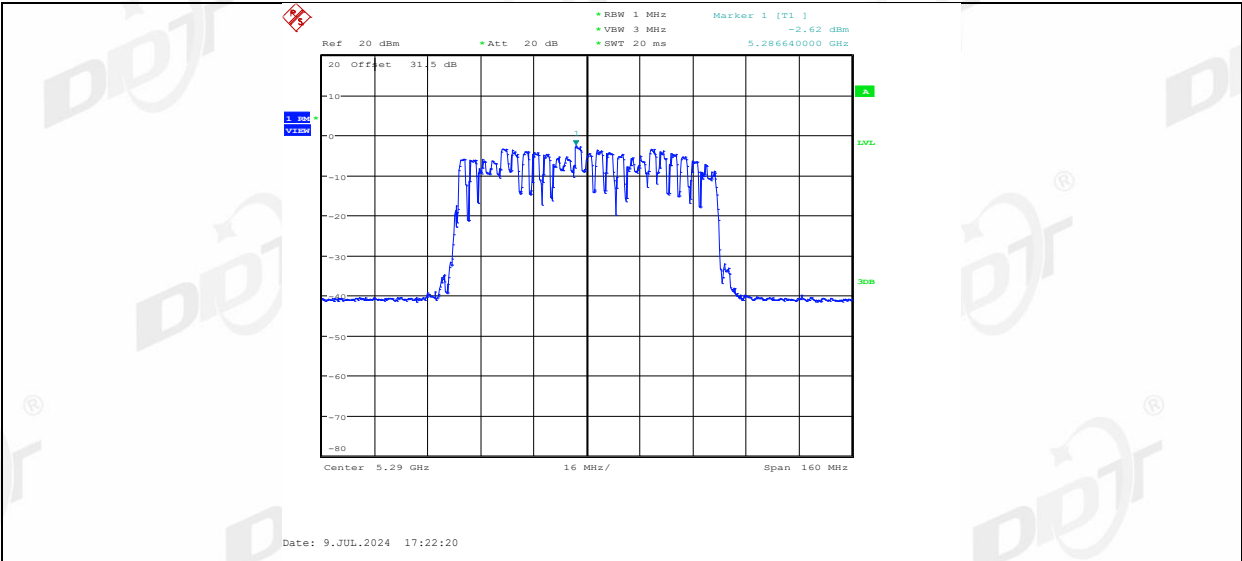
11AX80MIMO_Ant2_5210



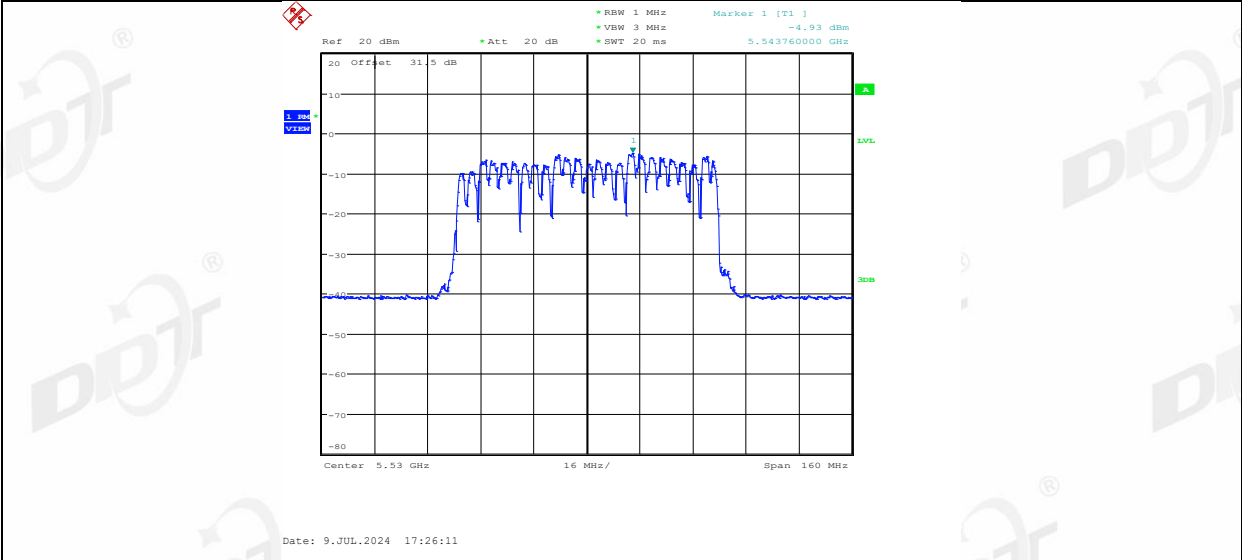
11AX80MIMO_Ant1_5290



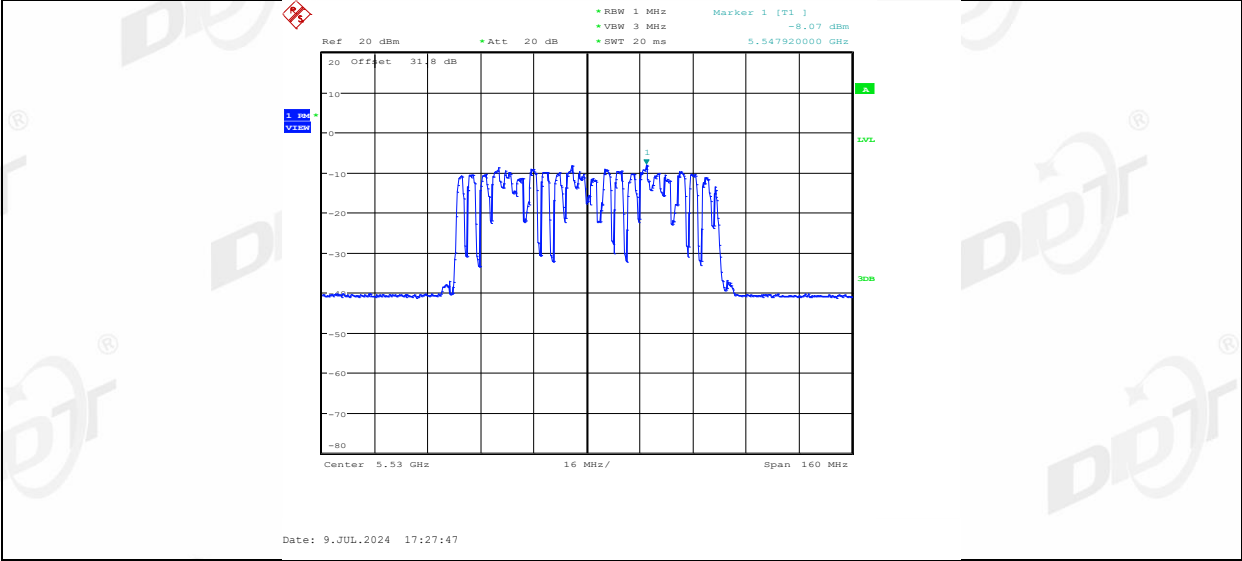
11AX80MIMO_Ant2_5290



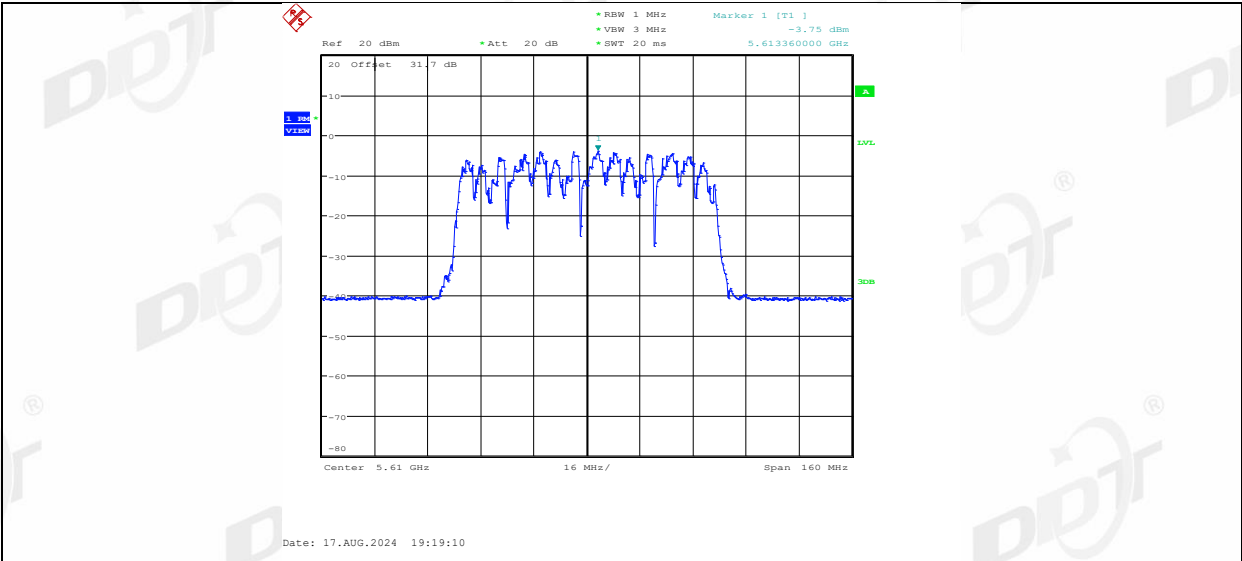
11AX80MIMO_Ant1_5530



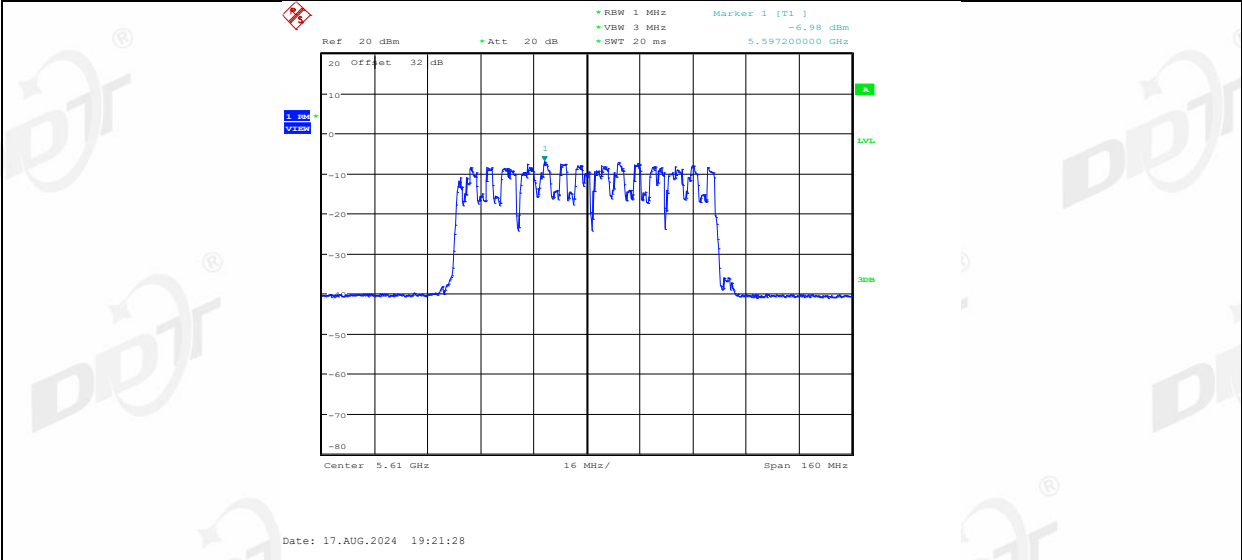
11AX80MIMO_Ant2_5530



11AX80MIMO_Ant1_5610



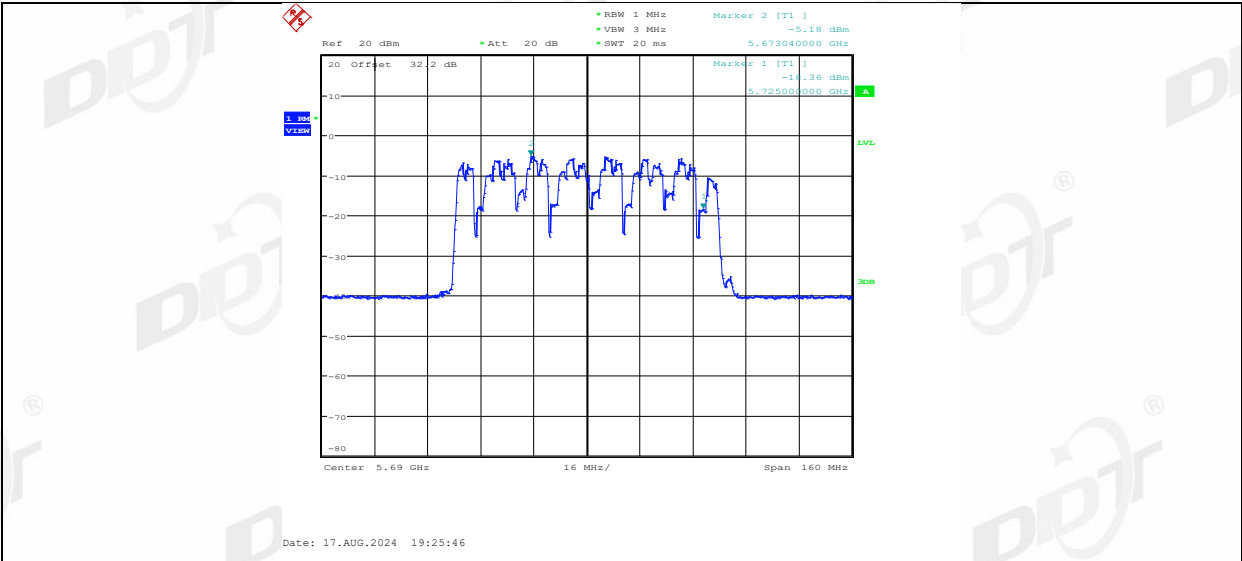
11AX80MIMO_Ant2_5610



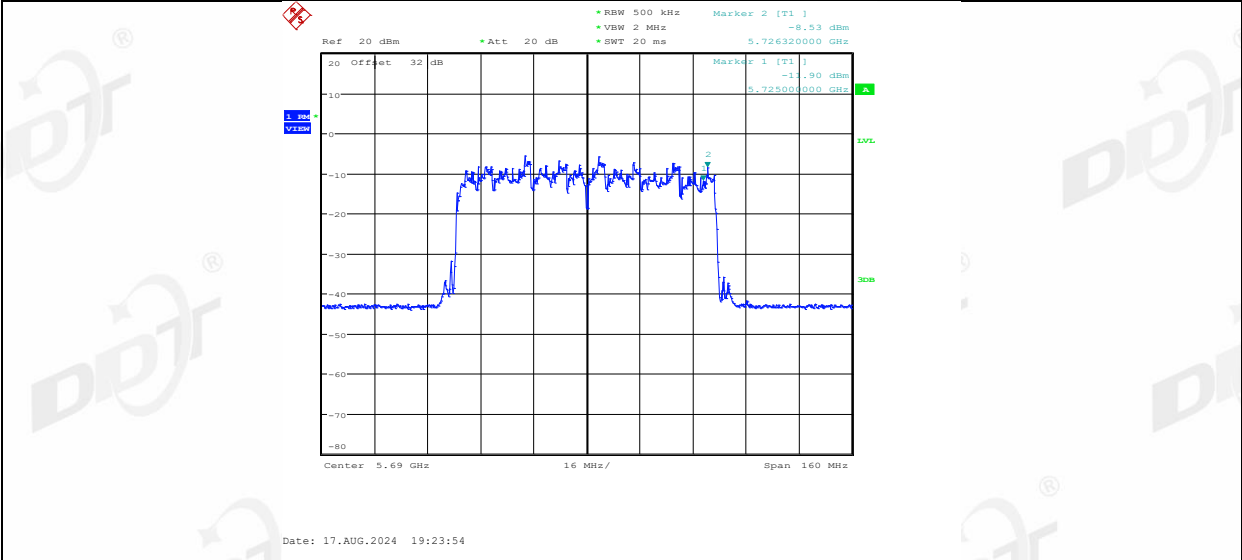
11AX80MIMO_Ant1_5690_UNII-2C



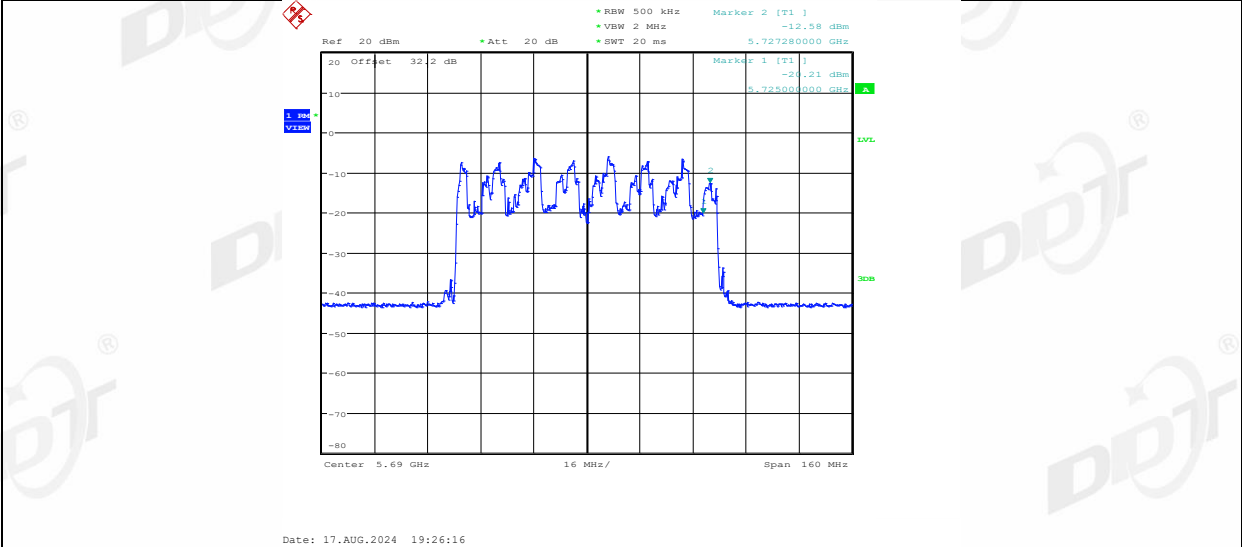
11AX80MIMO_Ant2_5690_UNII-2C



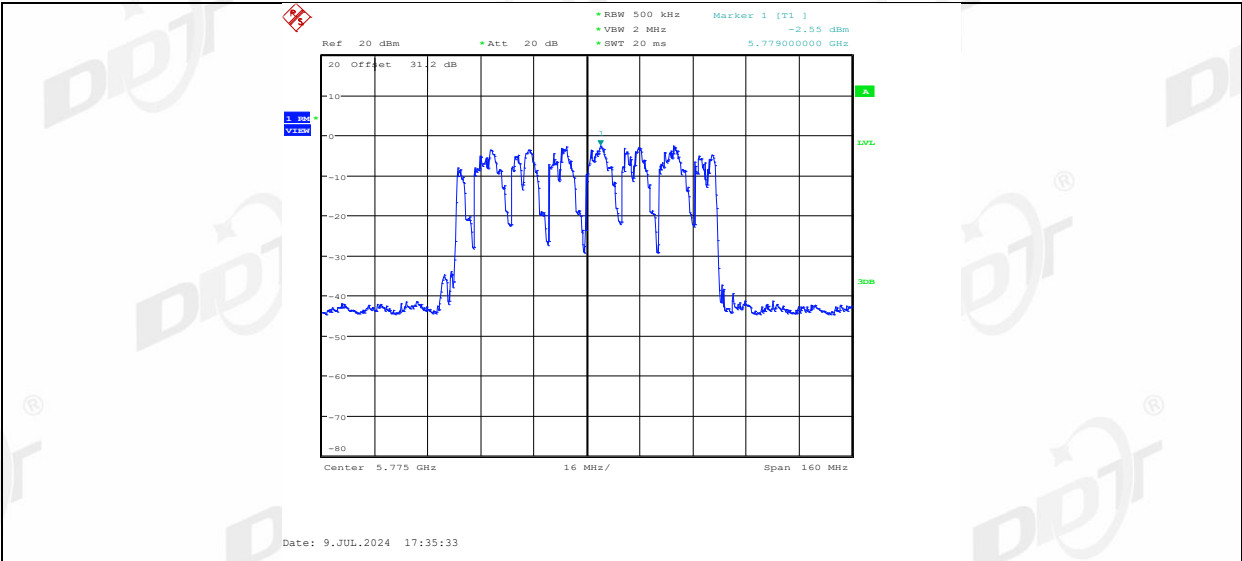
11AX80MIMO Ant1_5690_UNII-3



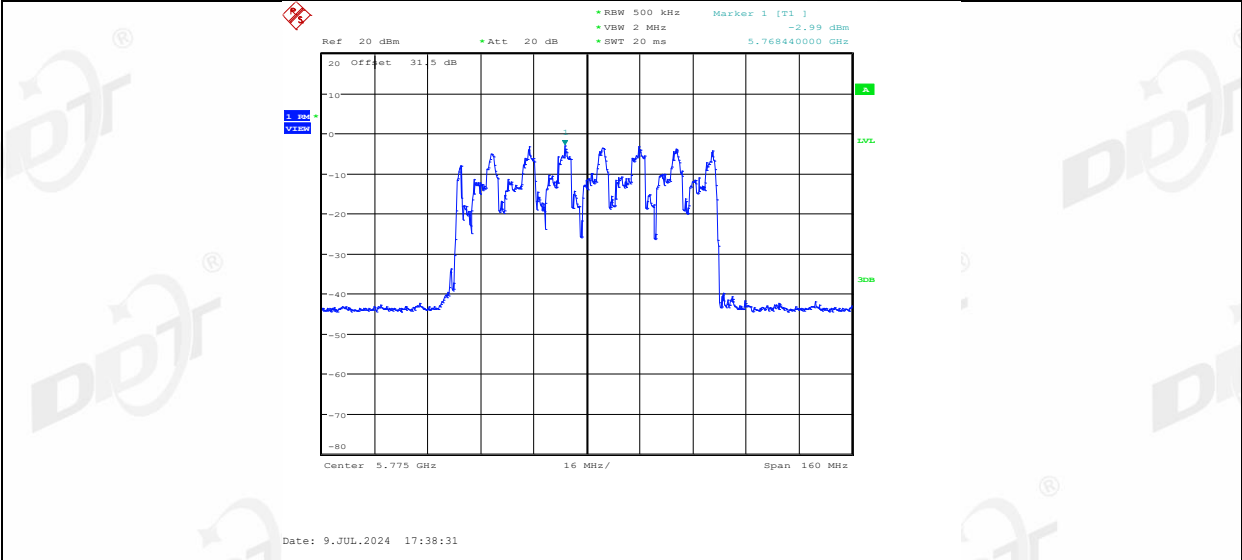
11AX80MIMO Ant2_5690_UNII-3



11AX80MIMO Ant1_5775



11AX80MIMO_Ant2_5775



10. Frequency Stability Measurement

10.1. Limit of Frequency Stability

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 user’s manual.

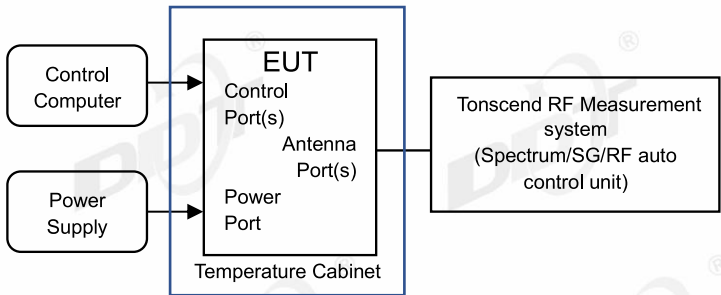
10.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

10.3. Test procedures

- (1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
- (2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
- (3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

10.4. Test setup



10.5. Test result

Test Engineer:	Zora Zhang	Test Site:	RF Measurement System 1#
Ambient Condition:	25.8℃,55.9%RH	Test Date:	2024.06.12-2024.08.18
Test Power Supply:	AC120V/60Hz	Sample Number:	S24051516-001

Voltage								
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.861004	20	PASS
			HV	NT	20000.00	3.861004	20	PASS
	Ant2	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant2	5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	40000.00	7.692308	20	PASS
	Ant1	5240	NV	NT	20000.00	3.816794	20	PASS
			LV	NT	20000.00	3.816794	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.816794	20	PASS
			HV	NT	40000.00	7.633588	20	PASS
	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.802281	20	PASS
	Ant2	5260	NV	NT	20000.00	3.802281	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.802281	20	PASS
	Ant1	5280	NV	NT	20000.00	3.787879	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.575758	20	PASS
	Ant2	5280	NV	NT	20000.00	3.787879	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5320	NV	NT	40000.00	7.518797	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5320	NV	NT	20000.00	3.759398	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.759398	20	PASS
	Ant1	5500	NV	NT	20000.00	3.636364	20	PASS
			LV	NT	40000.00	7.272727	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5500	NV	NT	20000.00	3.636364	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	40000.00	7.272727	20	PASS
	Ant1	5580	NV	NT	20000.00	3.584229	20	PASS
			LV	NT	-40000.00	-7.168459	20	PASS
			HV	NT	20000.00	3.584229	20	PASS
	Ant2	5580	NV	NT	0.00	0.000000	20	PASS
			LV	NT	20000.00	3.584229	20	PASS
			HV	NT	40000.00	7.168459	20	PASS
	Ant1	5700	NV	NT	0.00	0.000000	20	PASS

			LV	NT	40000.00	7.017544	20	PASS
			HV	NT	20000.00	3.508772	20	PASS
			NV	NT	20000.00	3.508772	20	PASS
	Ant2	5700	LV	NT	20000.00	3.508772	20	PASS
			HV	NT	20000.00	3.508772	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5720	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.496503	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	5720	LV	NT	20000.00	3.496503	20	PASS
			HV	NT	20000.00	3.496503	20	PASS
			NV	NT	20000.00	3.481288	20	PASS
	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	20000.00	3.481288	20	PASS
	Ant2	5745	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5785	LV	NT	20000.00	-3.457217	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	20000.00	3.457217	20	PASS
	Ant2	5785	LV	NT	40000.00	6.914434	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	-	-6.866953	20	PASS
	Ant1	5825	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	-3.433476	20	PASS
			NV	NT	-	-	20	PASS
	Ant2	5825	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.433476	20	PASS
			NV	NT	-	-	20	PASS
11N20MIMO	Ant1	5180	LV	NT	20000.00	-3.861004	20	PASS
			HV	NT	20000.00	-3.861004	20	PASS
			NV	NT	20000.00	-3.861004	20	PASS
	Ant2	5180	LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	-3.861004	20	PASS
			NV	NT	0.00	0.000000	20	PASS
		5700	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5720	LV	NT	20000.00	-3.496503	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	5720	LV	NT	20000.00	3.496503	20	PASS
			HV	NT	20000.00	3.496503	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5745	LV	NT	20000.00	3.481288	20	PASS
			HV	NT	40000.00	6.962576	20	PASS
			NV	NT	40000.00	6.962576	20	PASS
	Ant2	5745	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5785	LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	6.914434	20	PASS
			NV	NT	-	-6.914434	20	PASS

					40000.00			
			LV	NT	-	-6.914434	20	PASS
			HV	NT	40000.00	3.457217	20	PASS
			NV	NT	-	-3.433476	20	PASS
	Ant1	5825	LV	NT	20000.00	3.433476	20	PASS
			HV	NT	40000.00	6.866953	20	PASS
	Ant2	5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	5190	LV	NT	40000.00	7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5190	NV	NT	40000.00	7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-7.707129	20	PASS
			NV	NT	40000.00	-7.707129	20	PASS
	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	40000.00	7.648184	20	PASS
			LV	NT	-	-7.648184	20	PASS
	Ant2	5230	LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-7.648184	20	PASS
			NV	NT	40000.00	-7.648184	20	PASS
			LV	NT	-	-7.590133	20	PASS
	Ant1	5270	LV	NT	40000.00	7.590133	20	PASS
			HV	NT	40000.00	7.590133	20	PASS
			NV	NT	40000.00	7.590133	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant2	5270	LV	NT	-	-7.590133	20	PASS
			HV	NT	40000.00	-7.590133	20	PASS
			NV	NT	40000.00	7.590133	20	PASS
			LV	NT	40000.00	7.532957	20	PASS
	Ant1	5310	LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-7.532957	20	PASS
			NV	NT	40000.00	-7.532957	20	PASS
			LV	NT	40000.00	7.532957	20	PASS
	Ant2	5310	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	40000.00	7.259528	20	PASS
			LV	NT	40000.00	7.259528	20	PASS
	Ant1	5510	LV	NT	80000.00	14.519056	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	-	-7.259528	20	PASS
	Ant2	5510	LV	NT	40000.00	-7.259528	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant1	5550	LV	NT	40000.00	7.207207	20	PASS
			HV	NT	40000.00	7.207207	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant2	5550	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.054674	20	PASS
	Ant1	5670	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.054674	20	PASS
	Ant2	5670	LV	NT	40000.00	7.054674	20	PASS
			HV	NT	40000.00	7.054674	20	PASS
			NV	NT	40000.00	7.005254	20	PASS
			LV	NT	-	-7.005254	20	PASS

	Ant2	5710	HV	NT	0.00	0.000000	20	PASS
			NV	NT	-	-7.005254	20	PASS
			LV	NT	40000.00	0.000000	20	PASS
			HV	NT	40000.00	7.005254	20	PASS
	Ant1	5755	NV	NT	-	-6.950478	20	PASS
			LV	NT	40000.00	0.000000	20	PASS
			HV	NT	40000.00	6.950478	20	PASS
	Ant2	5755	NV	NT	40000.00	6.950478	20	PASS
			LV	NT	40000.00	6.950478	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	6.902502	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC80MIMO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-	-	20	PASS
			HV	NT	80000.00	15.355086	20	PASS
	Ant2	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5290	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5290	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80000.00	15.122873	20	PASS
			HV	NT	-	-	20	PASS
	Ant1	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	80000.00	14.466546	20	PASS
	Ant2	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5610	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5610	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5690	NV	NT	-	-	20	PASS
			LV	NT	80000.00	14.059754	20	PASS
			HV	NT	80000.00	14.059754	20	PASS
	Ant2	5690	NV	NT	-	-	20	PASS
			LV	NT	80000.00	14.059754	20	PASS
			HV	NT	-	-	20	PASS
	Ant1	5775	NV	NT	80000.00	13.852814	20	PASS
			LV	NT	-	-	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-	-	20	PASS

Temperature

Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.861004	20	PASS
			NV	0	20000.00	3.861004	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.861004	20	PASS
	Ant1	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	20000.00	3.846154	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.846154	20	PASS
	Ant2	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	20000.00	3.846154	20	PASS
			NV	-10	20000.00	3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.816794	20	PASS
	Ant2	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	40000.00	7.633588	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.816794	20	PASS
			NV	30	0.00	0.000000	20	PASS

			NV	40	-	-3.816794	20	PASS
			NV	50	20000.00	3.816794	20	PASS
	Ant1	5260	NV	-30	20000.00	3.802281	20	PASS
			NV	-20	20000.00	3.802281	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.802281	20	PASS
			NV	20	-	-3.802281	20	PASS
			NV	30	20000.00	3.802281	20	PASS
			NV	40	-	-3.802281	20	PASS
			NV	50	40000.00	7.604563	20	PASS
			NV	-30	20000.00	3.802281	20	PASS
	Ant2	5260	NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-	-7.604563	20	PASS
			NV	10	20000.00	3.802281	20	PASS
			NV	20	20000.00	3.802281	20	PASS
			NV	30	40000.00	7.604563	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.802281	20	PASS
	Ant1	5280	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.787879	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.787879	20	PASS
			NV	10	20000.00	3.787879	20	PASS
			NV	20	20000.00	3.787879	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-	-3.787879	20	PASS
	Ant2	5280	NV	-30	-	-7.575758	20	PASS
			NV	-20	20000.00	3.787879	20	PASS
			NV	-10	40000.00	7.575758	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.787879	20	PASS
			NV	20	20000.00	3.787879	20	PASS
			NV	30	20000.00	3.787879	20	PASS
			NV	40	20000.00	3.787879	20	PASS
			NV	50	20000.00	3.787879	20	PASS
	Ant1	5320	NV	-30	-	-3.759398	20	PASS
			NV	-20	20000.00	3.759398	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.759398	20	PASS
			NV	10	40000.00	7.518797	20	PASS
			NV	20	-	-3.759398	20	PASS
			NV	30	20000.00	3.759398	20	PASS
			NV	40	40000.00	7.518797	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5320	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-3.759398	20	PASS
			NV	-10	40000.00	7.518797	20	PASS
			NV	0	20000.00	3.759398	20	PASS
			NV	10	20000.00	3.759398	20	PASS
			NV	20	20000.00	3.759398	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.759398	20	PASS

	Ant1	5500	NV	50	20000.00	3.759398	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	40000.00	7.272727	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.636364	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.636364	20	PASS
			NV	30	40000.00	7.272727	20	PASS
			NV	40	-	-3.636364	20	PASS
			NV	50	-	-3.636364	20	PASS
	Ant2	5500	NV	-30	20000.00	3.636364	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.636364	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.636364	20	PASS
			NV	20	20000.00	3.636364	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5580	NV	-30	40000.00	7.168459	20	PASS
			NV	-20	-	-3.584229	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.584229	20	PASS
			NV	10	20000.00	3.584229	20	PASS
			NV	20	-	-3.584229	20	PASS
			NV	30	20000.00	3.584229	20	PASS
			NV	40	20000.00	3.584229	20	PASS
			NV	50	40000.00	7.168459	20	PASS
	Ant2	5580	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.584229	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.584229	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.584229	20	PASS
			NV	40	20000.00	3.584229	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5700	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-	-3.508772	20	PASS
			NV	10	20000.00	3.508772	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5700	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.508772	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.508772	20	PASS
			NV	10	40000.00	7.017544	20	PASS
			NV	20	20000.00	3.508772	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.508772	20	PASS
	Ant1	5720	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.496503	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-	-3.496503	20	PASS

					20000.00			
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.496503	20	PASS
			NV	30	-	-6.993007	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5720	NV	50	0.00	0.000000	20	PASS
			NV	-30	20000.00	3.496503	20	PASS
			NV	-20	20000.00	3.496503	20	PASS
			NV	-10	20000.00	3.496503	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.496503	20	PASS
			NV	50	20000.00	3.496503	20	PASS
	Ant1	5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.481288	20	PASS
			NV	20	40000.00	6.962576	20	PASS
			NV	30	20000.00	3.481288	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.481288	20	PASS
	Ant2	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	-	-3.481288	20	PASS
			NV	20	20000.00	3.481288	20	PASS
			NV	30	20000.00	3.481288	20	PASS
			NV	40	20000.00	3.481288	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5785	NV	-30	20000.00	3.457217	20	PASS
			NV	-20	20000.00	3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.457217	20	PASS
			NV	30	20000.00	3.457217	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.457217	20	PASS
	Ant2	5785	NV	-30	-	-3.457217	20	PASS
			NV	-20	20000.00	3.457217	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.457217	20	PASS
			NV	10	20000.00	3.457217	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	-	-3.433476	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.433476	20	PASS
			NV	10	20000.00	3.433476	20	PASS
			NV	20	60000.00	10.300429	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.433476	20	PASS
			NV	50	0.00	0.000000	20	PASS

11N20MIMO	Ant2	5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	20000.00	3.433476	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	6.866953	20	PASS
			NV	10	-	-	20	PASS
			NV	20	60000.00	10.300429	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.433476	20	PASS
			NV	50	40000.00	6.866953	20	PASS
	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.861004	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	20000.00	3.861004	20	PASS
			NV	50	20000.00	3.861004	20	PASS
		5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-3.861004	20	PASS
			NV	-10	20000.00	-3.861004	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.861004	20	PASS
			NV	30	20000.00	3.861004	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	-3.861004	20	PASS
		5700	NV	-30	20000.00	3.508772	20	PASS
			NV	-20	20000.00	3.508772	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	20000.00	3.508772	20	PASS
			NV	20	40000.00	7.017544	20	PASS
			NV	30	20000.00	3.508772	20	PASS
			NV	40	60000.00	10.526316	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5720	NV	-30	-	-3.496503	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	20000.00	3.496503	20	PASS
			NV	0	20000.00	-3.496503	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-3.496503	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5720	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-3.496503	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.496503	20	PASS
			NV	10	20000.00	3.496503	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	20000.00	3.496503	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.496503	20	PASS
	Ant1	5745	NV	-30	40000.00	6.962576	20	PASS

			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	6.962576	20	PASS
			NV	20	40000.00	6.962576	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-6.962576	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-	-3.481288	20	PASS
	Ant1	5785	NV	50	20000.00	3.481288	20	PASS
			NV	-30	20000.00	3.457217	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-	-6.914434	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	-	-3.457217	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant2	5785	NV	40	0.00	0.000000	20	PASS
			NV	50	20000.00	3.457217	20	PASS
			NV	-30	20000.00	3.457217	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	20000.00	3.457217	20	PASS
			NV	20	20000.00	3.457217	20	PASS
	Ant1	5825	NV	30	20000.00	3.457217	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-	-3.433476	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	5825	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-	-3.433476	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
11N40MIMO	Ant1	5190	NV	10	20000.00	3.433476	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	6.866953	20	PASS
			NV	40	-	-6.866953	20	PASS
			NV	50	20000.00	3.433476	20	PASS
			NV	-30	80000.00	15.414258	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS

			NV	10	- 40000.00	-7.707129	20	PASS
			NV	20	- 40000.00	-7.707129	20	PASS
			NV	30	- 40000.00	-7.707129	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	- 40000.00	-7.707129	20	PASS
	Ant2	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	- 40000.00	-7.707129	20	PASS
			NV	10	80000.00	15.414258	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.707129	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	- 40000.00	-7.707129	20	PASS
	Ant1	5230	NV	-30	- 40000.00	-7.648184	20	PASS
			NV	-20	80000.00	15.296367	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	7.648184	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	- 40000.00	-7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	- 80000.00	15.296367	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.648184	20	PASS
			NV	40	40000.00	7.648184	20	PASS
			NV	50	- 40000.00	-7.648184	20	PASS
	Ant1	5270	NV	-30	- 80000.00	15.180266	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	7.590133	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	80000.00	15.180266	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5270	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	- 40000.00	-7.590133	20	PASS
			NV	30	- 40000.00	-7.590133	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5310	NV	-30	0.00	0.000000	20	PASS

			NV	-20	- 40000.00	-7.532957	20	PASS
			NV	-10	- 80000.00	15.065913	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	- 40000.00	-7.532957	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	- 80000.00	15.065913	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5310	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	- 40000.00	-7.532957	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	- 40000.00	-7.532957	20	PASS
			NV	20	40000.00	7.532957	20	PASS
			NV	30	40000.00	7.532957	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	5510	NV	50	0.00	0.000000	20	PASS
			NV	-30	40000.00	7.259528	20	PASS
			NV	-20	- 40000.00	-7.259528	20	PASS
			NV	-10	40000.00	7.259528	20	PASS
			NV	0	- 40000.00	-7.259528	20	PASS
			NV	10	40000.00	7.259528	20	PASS
			NV	20	- 40000.00	-7.259528	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant2	5510	NV	40	40000.00	7.259528	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.259528	20	PASS
			NV	0	- 80000.00	14.519056	20	PASS
			NV	10	- 40000.00	-7.259528	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant1	5550	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	- 40000.00	-7.207207	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	- 40000.00	-7.207207	20	PASS
			NV	0	- 40000.00	-7.207207	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	5550	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.207207	20	PASS
			NV	50	40000.00	7.207207	20	PASS
			NV	-30	40000.00	7.207207	20	PASS
			NV	-20	- 80000.00	14.414414	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	- 40000.00	-7.207207	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-7.207207	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-	-7.207207	20	PASS
Ant1	5670		NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-7.054674	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-	-7.054674	20	PASS
			NV	-30	80000.00	14.109347	20	PASS
			NV	-20	-	-7.054674	20	PASS
			NV	-10	0.00	0.000000	20	PASS
Ant2	5670		NV	0	80000.00	14.109347	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-	-7.054674	20	PASS
			NV	50	40000.00	7.054674	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant1	5710		NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.005254	20	PASS
			NV	50	40000.00	7.005254	20	PASS
			NV	-30	40000.00	7.005254	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-7.005254	20	PASS
			NV	30	-	-7.005254	20	PASS
			NV	40	-	-7.005254	20	PASS
			NV	50	-	-	20	PASS
Ant2	5710		NV	-30	80000.00	14.010508	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	6.950478	20	PASS
			NV	50	-	-6.950478	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	80000.00	13.900956	20	PASS
			NV	-10	80000.00	13.900956	20	PASS
			NV	0	0.00	0.000000	20	PASS
Ant1	5755		NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	6.950478	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	6.950478	20	PASS
Ant2	5755		NV	50	-	-6.950478	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	80000.00	13.900956	20	PASS
			NV	-10	80000.00	13.900956	20	PASS
			NV	0	0.00	0.000000	20	PASS

11AC80MIMO	Ant1	5795	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-	-6.950478	20	PASS
			NV	50	40000.00	6.950478	20	PASS
			NV	-30	40000.00	6.902502	20	PASS
			NV	-20	-	-	20	PASS
			NV	-20	80000.00	13.805004	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-	-	20	PASS
			NV	10	80000.00	13.805004	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	40000.00	6.902502	20	PASS
	Ant2	5795	NV	-30	-	-6.902502	20	PASS
			NV	-30	40000.00	-6.902502	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-	-6.902502	20	PASS
			NV	20	40000.00	-6.902502	20	PASS
			NV	30	-	-6.902502	20	PASS
			NV	30	40000.00	-6.902502	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
	Ant1	5210	NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-	-	20	PASS
			NV	50	80000.00	15.355086	20	PASS
	Ant2	5210	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-	-	20	PASS
			NV	-20	80000.00	15.355086	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	80000.00	15.355086	20	PASS
			NV	40	80000.00	15.355086	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5290	NV	-30	80000.00	15.122873	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-	-	20	PASS
			NV	30	80000.00	15.122873	20	PASS
			NV	40	80000.00	15.122873	20	PASS
			NV	50	-	-	20	PASS
			NV	50	80000.00	15.122873	20	PASS
	Ant2	5290	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS

			NV	10	-	80000.00	15.122873	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	80000.00	15.122873	15.122873	20	PASS
			NV	40	80000.00	15.122873	15.122873	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
	Ant1	5530	NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	80000.00	14.466546	14.466546	20	PASS
			NV	0	-	80000.00	14.466546	20	PASS
			NV	10	80000.00	14.466546	14.466546	20	PASS
			NV	20	-	80000.00	14.466546	20	PASS
			NV	30	0.00	0.000000	0.000000	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
			NV	-30	80000.00	14.466546	14.466546	20	PASS
	Ant2	5530	NV	-20	-	80000.00	14.466546	20	PASS
			NV	-10	0.00	0.000000	0.000000	20	PASS
			NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	80000.00	14.466546	14.466546	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	80000.00	14.466546	14.466546	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
	Ant1	5610	NV	-10	0.00	0.000000	0.000000	20	PASS
			NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	80000.00	14.260250	14.260250	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	80000.00	14.260250	14.260250	20	PASS
			NV	40	80000.00	14.260250	14.260250	20	PASS
			NV	50	80000.00	14.260250	14.260250	20	PASS
			NV	-30	80000.00	14.260250	14.260250	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	0.00	0.000000	0.000000	20	PASS
	Ant2	5610	NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	0.00	0.000000	0.000000	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	-	80000.00	14.059754	20	PASS
			NV	0	-	80000.00	14.059754	20	PASS
	Ant1	5690	NV	10	-	80000.00	14.059754	20	PASS
			NV	20	-	80000.00	14.059754	20	PASS
			NV	30	0.00	0.000000	0.000000	20	PASS
			NV	40	80000.00	14.059754	14.059754	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	-	80000.00	14.059754	20	PASS
			NV	0	-	80000.00	14.059754	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
	Ant2	5690	NV	-30	0.00	0.000000	0.000000	20	PASS
			NV	-20	-	80000.00	14.059754	20	PASS
			NV	-10	80000.00	14.059754	14.059754	20	PASS
			NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-	-	20	PASS
			NV	20	80000.00	13.852814	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
	Ant2	5775	NV	-20	80000.00	13.852814	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	80000.00	13.852814	20	PASS
			NV	50	0.00	0.000000	20	PASS

11. Antenna Requirements

11.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2. Result

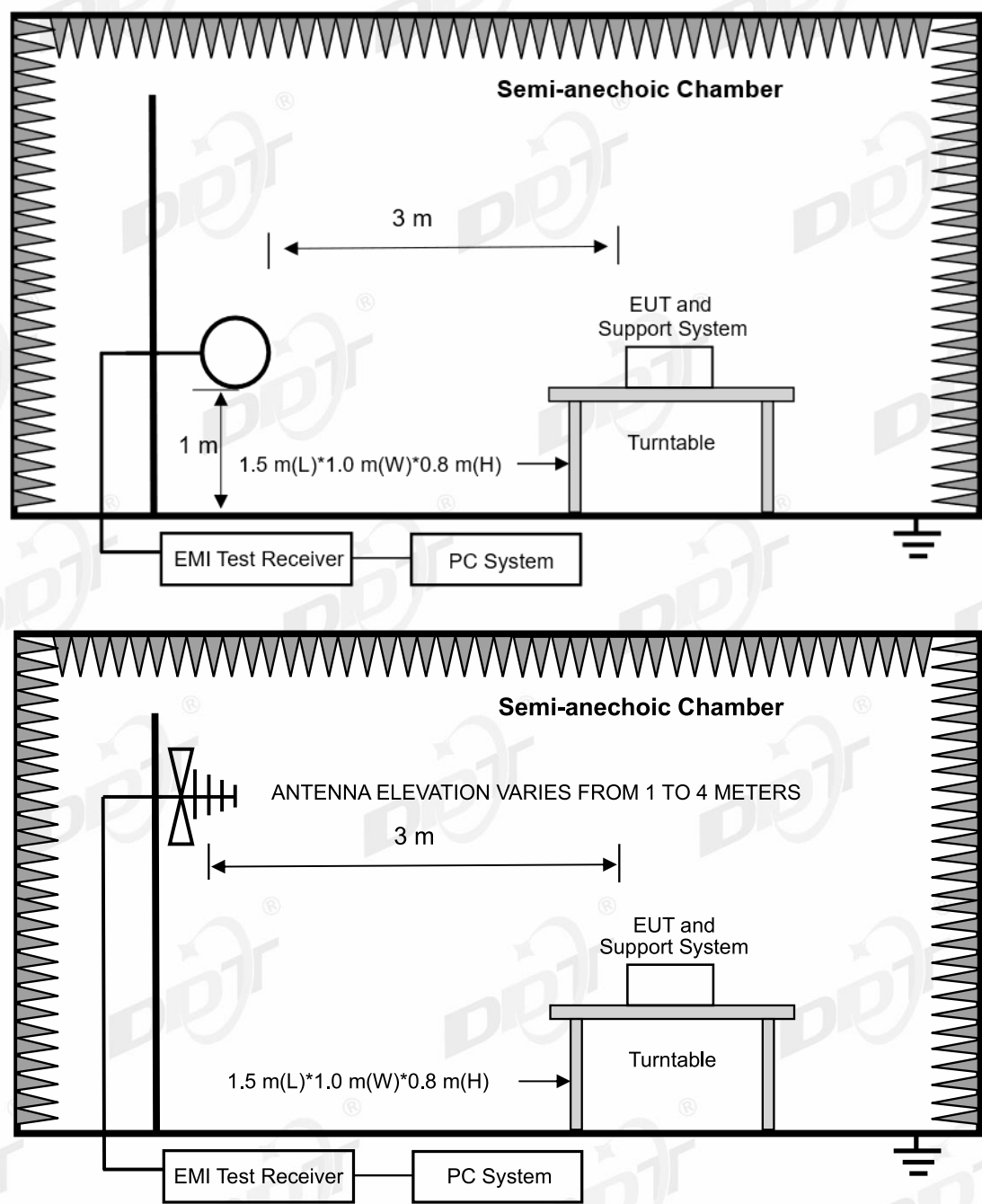
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

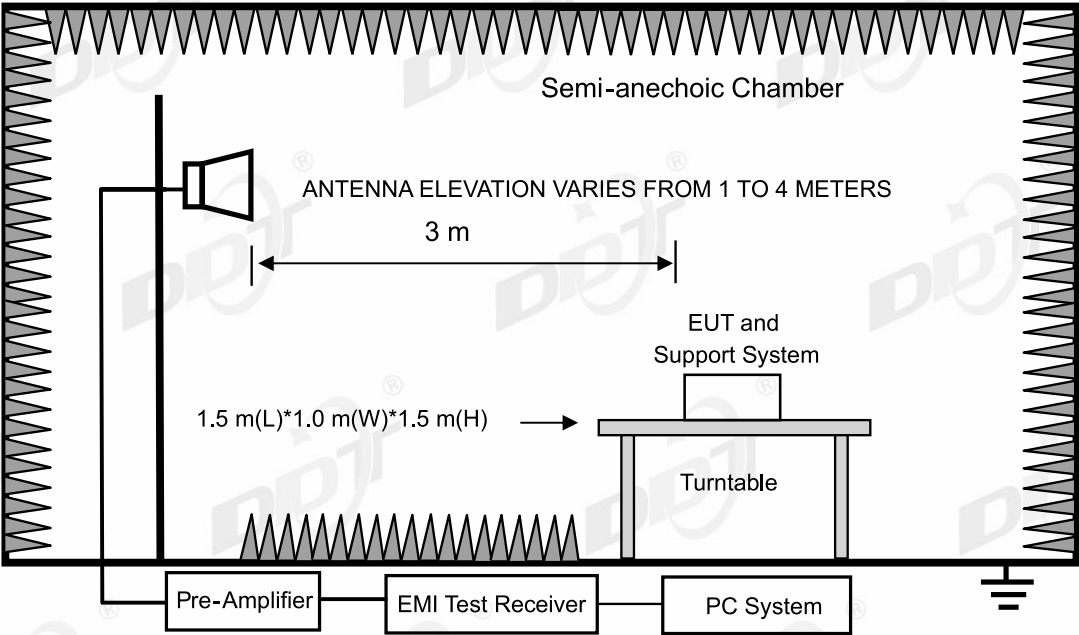
12.Radiated Emission

12.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC01401	2024/09/20
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/07/08
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22

12.2. Block diagram of test setup





12.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

1Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

2Above 38.6

(2) FCC 15.209 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		mV/m	dB(mV)/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dB(mV)/m (Peak) 54.0 dB(mV)/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3\text{m}}(\text{dB}\mu\text{V}/\text{m}) = \text{Limit}_{30\text{m}}(\text{dB}\mu\text{V}/\text{m}) + 40\text{Log}(30\text{m}/3\text{m})$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

12.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

12.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

According ANSI C63.10:2013 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the trilob Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) 30 MHz ~ 40 GHz: (Scan with all mode, the worst case is record and report)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with the worst mode.

12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

5G WIFI mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

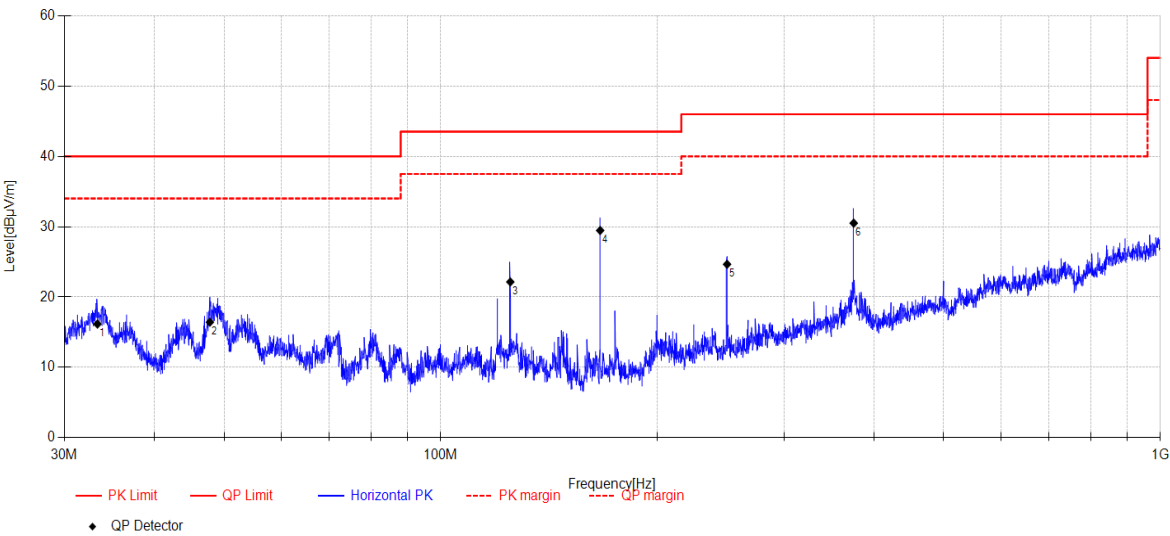
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24051516-2E\FCC BELOW 1G\20240628-024909_H

Memo:

Sample Number:S24051516-001 Power Setting:15



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	33.351	32.21	11.13	3.78	-30.95	16.17	40.00	23.83	QP	Horizontal
2	47.788	31	12.29	3.87	-30.73	16.43	40.00	23.57	QP	Horizontal
3	124.971	39.73	8.91	4.35	-30.83	22.16	43.50	21.34	QP	Horizontal
4	166.594	46.83	8.76	4.58	-30.70	29.47	43.50	14.03	QP	Horizontal
5	250.020	38.42	11.70	4.99	-30.45	24.66	46.00	21.34	QP	Horizontal
6	374.959	39.74	15.40	5.52	-30.15	30.51	46.00	15.49	QP	Horizontal

Note:

- Result Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

5G WIFI mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

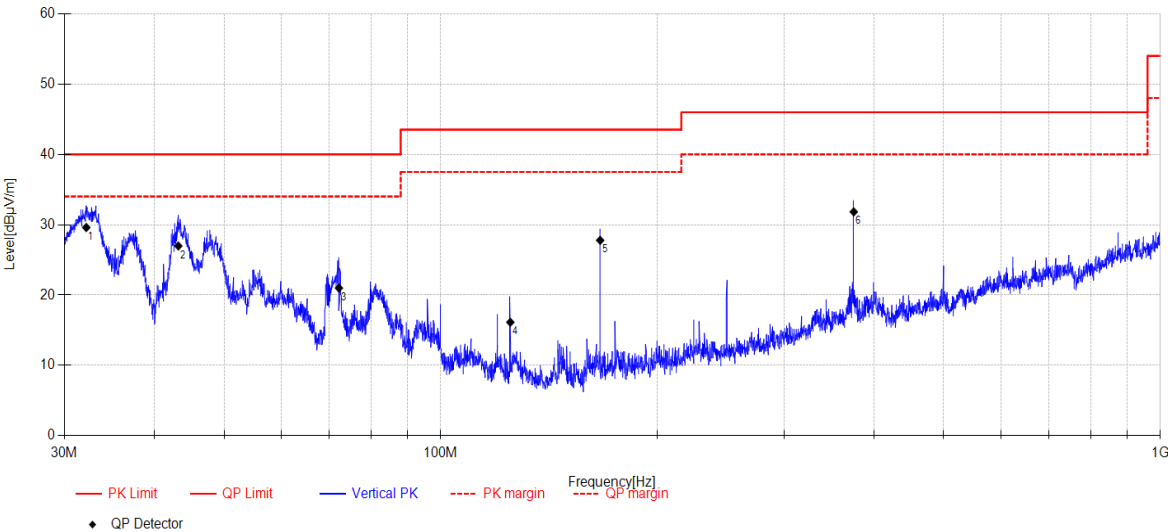
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24051516-2E\FCC BELOW 1G\20240628-024950_V

Memo:

Sample Number:S24051516-001 Power Setting:15



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	32.179	46.57	10.24	3.77	-30.97	29.61	40.00	10.39	QP	Vertical
2	43.199	41.1	12.84	3.84	-30.80	26.98	40.00	13.02	QP	Vertical
3	72.223	38	9.51	4.04	-30.55	21.00	40.00	19.00	QP	Vertical
4	124.971	33.71	8.91	4.35	-30.83	16.14	43.50	27.36	QP	Vertical
5	166.594	45.14	8.76	4.58	-30.70	27.78	43.50	15.72	QP	Vertical
6	374.959	41.06	15.40	5.52	-30.15	31.83	46.00	14.17	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

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

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5180MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

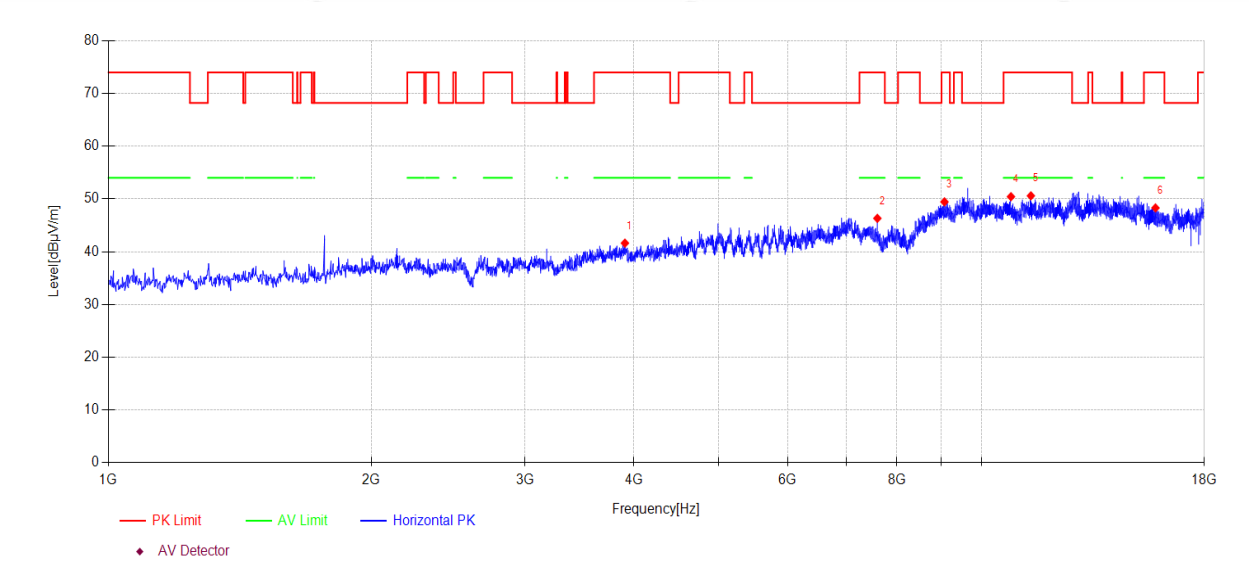
Test Site:

DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\23

Memo: Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3905.300	45.55	31.19	5.28	-40.39	41.63	74.00	32.37	PK	Horizontal
2	7599.400	44.42	36.50	7.61	-42.20	46.33	74.00	27.67	PK	Horizontal
3	9069.900	41.67	38.44	8.13	-38.79	49.45	74.00	24.55	PK	Horizontal
4	10809.000	41.71	39.39	8.36	-39.02	50.44	74.00	23.56	PK	Horizontal
5	11392.100	41.92	39.29	8.66	-39.27	50.60	74.00	23.40	PK	Horizontal
6	15824.000	39.15	38.25	10.16	-39.25	48.31	74.00	25.69	PK	Horizontal

Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5180MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

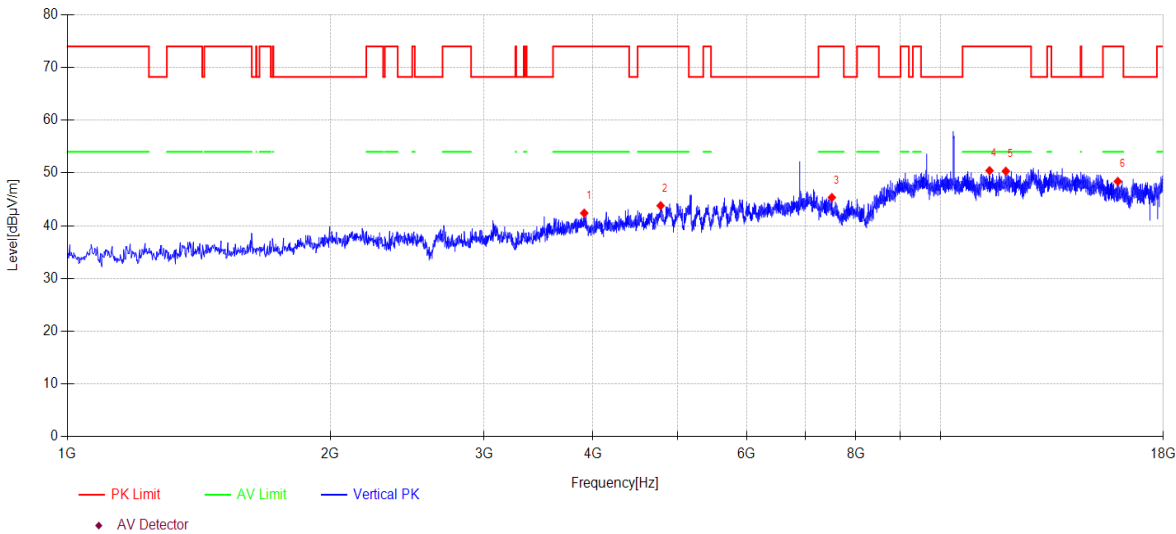
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3908.700	46.32	31.18	5.28	-40.39	42.39	74.00	31.61	PK	Vertical
2	4780.800	45.30	32.42	6.24	-40.16	43.80	74.00	30.20	PK	Vertical
3	7509.300	43.28	36.48	7.56	-41.97	45.35	74.00	28.65	PK	Vertical
4	11381.900	41.78	39.28	8.65	-39.27	50.44	74.00	23.56	PK	Vertical
5	11881.700	41.99	38.90	8.95	-39.50	50.34	74.00	23.66	PK	Vertical
6	15963.400	39.49	38.04	10.22	-39.34	48.41	74.00	25.59	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5200MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

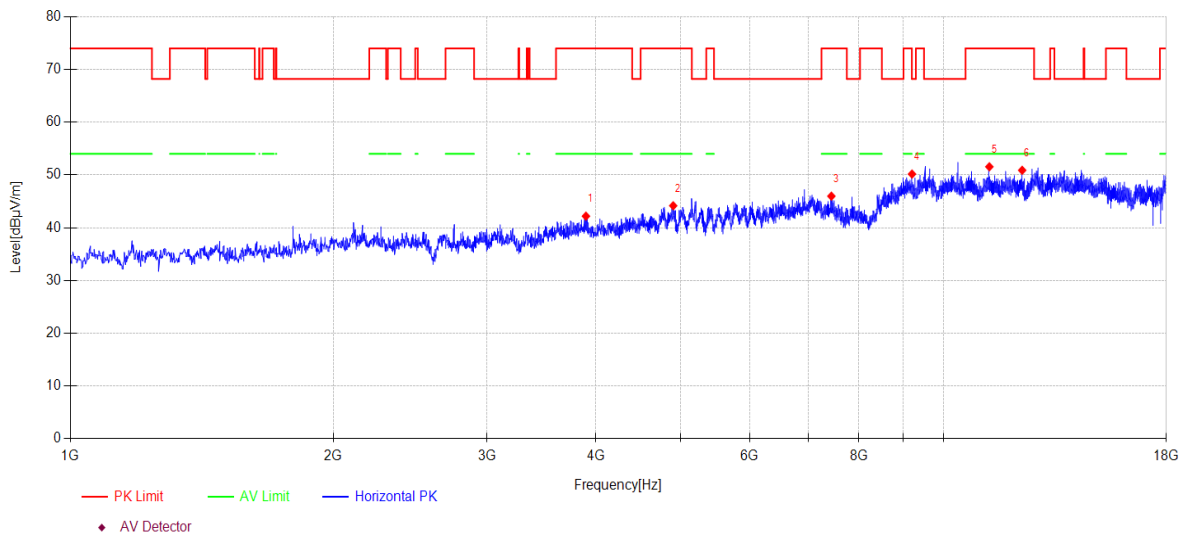
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\27

Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3895.100	46.13	31.17	5.28	-40.39	42.19	74.00	31.81	PK	Horizontal
2	4903.200	44.90	33.01	6.38	-40.12	44.17	74.00	29.83	PK	Horizontal
3	7441.300	43.65	36.62	7.51	-41.80	45.98	74.00	28.02	PK	Horizontal
4	9204.200	42.23	38.60	8.12	-38.78	50.17	68.20	18.03	PK	Horizontal
5	11286.700	42.98	39.20	8.59	-39.22	51.55	74.00	22.45	PK	Horizontal
6	12306.700	42.11	39.30	9.16	-39.68	50.89	74.00	23.11	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5200MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

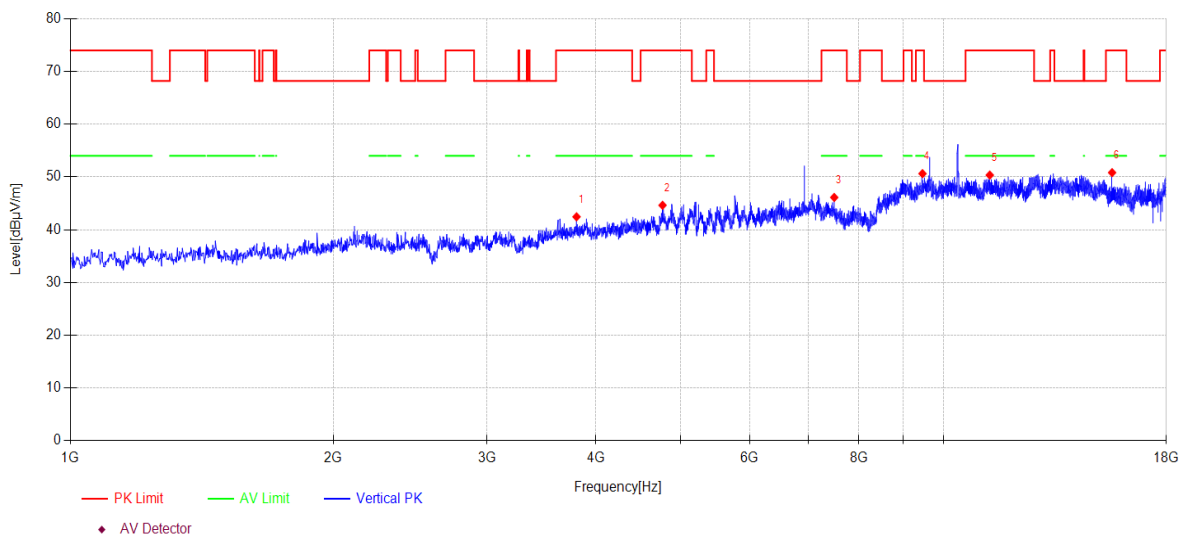
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3799.900	46.83	30.70	5.25	-40.33	42.45	74.00	31.55	PK	Vertical
2	4767.200	46.21	32.37	6.22	-40.17	44.63	74.00	29.37	PK	Vertical
3	7497.400	44.00	36.51	7.55	-41.94	46.12	74.00	27.88	PK	Vertical
4	9462.600	42.57	38.70	8.12	-38.76	50.63	74.00	23.37	PK	Vertical
5	11298.600	41.78	39.20	8.60	-39.23	50.35	74.00	23.65	PK	Vertical
6	15601.300	41.29	38.60	10.06	-39.12	50.83	74.00	23.17	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5240MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

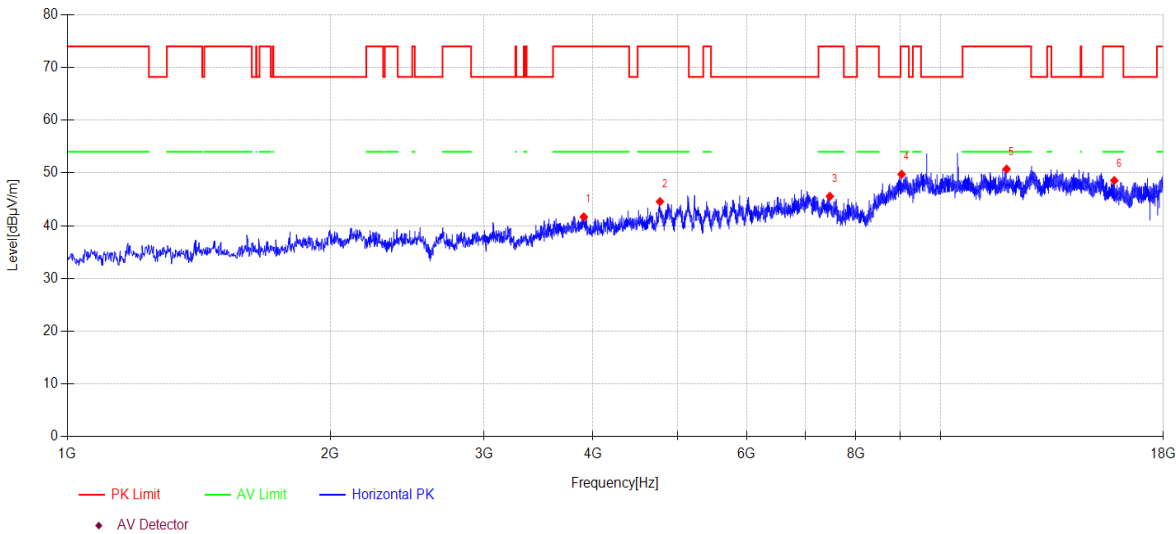
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3903.600	45.60	31.19	5.28	-40.39	41.68	74.00	32.32	PK	Horizontal
2	4772.300	46.11	32.39	6.23	-40.16	44.57	74.00	29.43	PK	Horizontal
3	7470.200	43.36	36.56	7.53	-41.88	45.57	74.00	28.43	PK	Horizontal
4	9025.700	42.06	38.35	8.13	-38.79	49.75	74.00	24.25	PK	Horizontal
5	11905.500	42.37	38.92	8.96	-39.52	50.73	74.00	23.27	PK	Horizontal
6	15815.500	39.38	38.27	10.16	-39.25	48.56	74.00	25.44	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5240MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

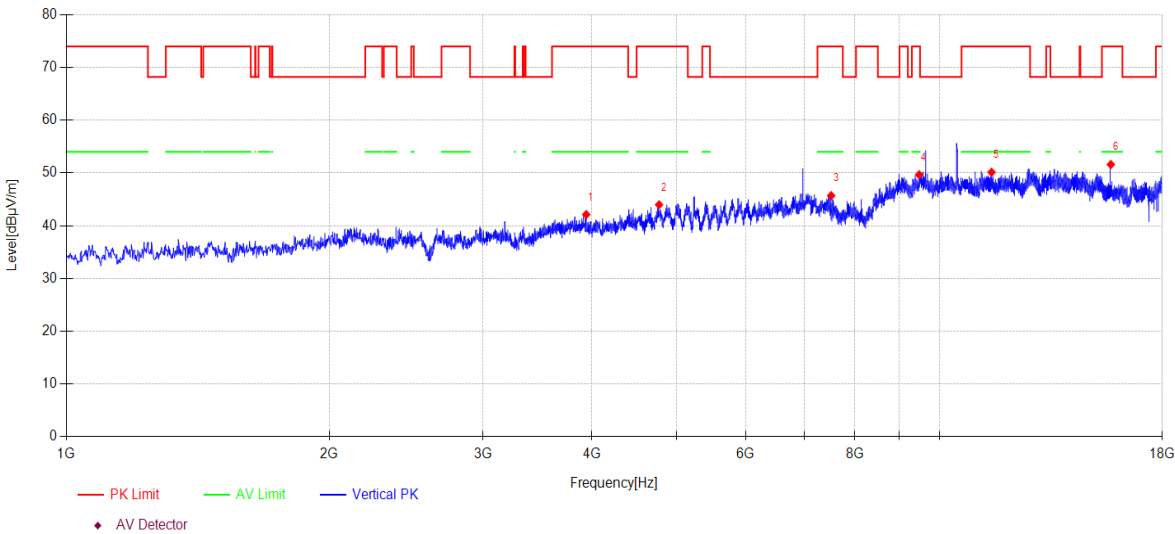
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3939.300	46.12	31.12	5.29	-40.41	42.12	74.00	31.88	PK	Vertical
2	4774.000	45.51	32.40	6.23	-40.16	43.98	74.00	30.02	PK	Vertical
3	7516.100	43.67	36.47	7.56	-41.99	45.71	74.00	28.29	PK	Vertical
4	9477.900	41.60	38.70	8.12	-38.76	49.66	74.00	24.34	PK	Vertical
5	11473.700	41.52	39.23	8.70	-39.31	50.14	74.00	23.86	PK	Vertical
6	15713.500	42.22	38.47	10.11	-39.19	51.61	74.00	22.39	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5260MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

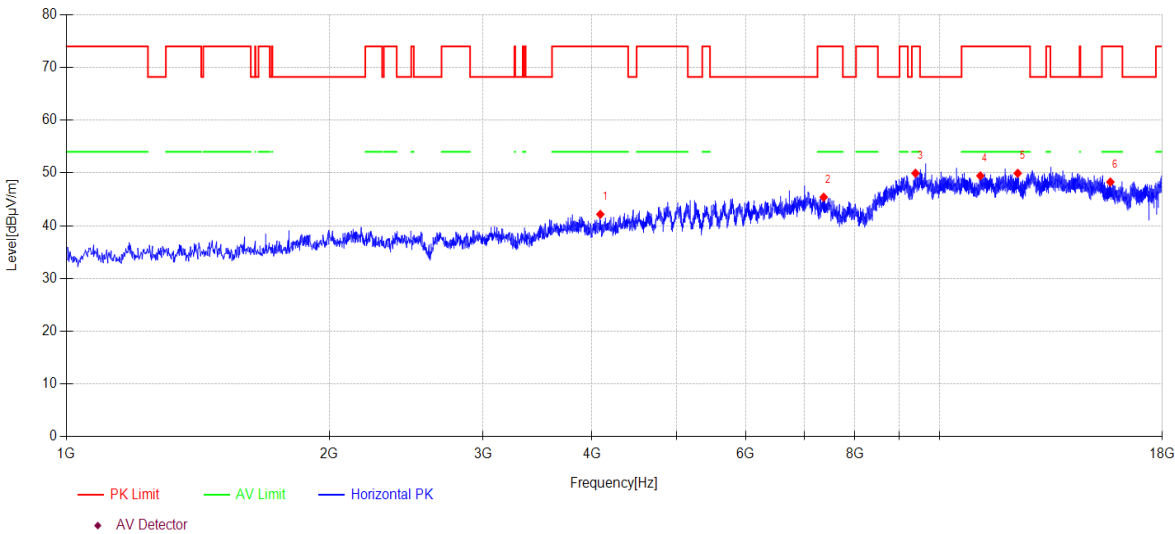
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4088.900	46.09	31.08	5.42	-40.42	42.17	74.00	31.83	PK	Horizontal
2	7368.200	42.80	36.76	7.47	-41.62	45.41	74.00	28.59	PK	Horizontal
3	9387.800	41.89	38.70	8.12	-38.76	49.95	74.00	24.05	PK	Horizontal
4	11138.800	40.86	39.26	8.50	-39.16	49.46	74.00	24.54	PK	Horizontal
5	12293.100	41.16	39.30	9.15	-39.67	49.94	74.00	24.06	PK	Horizontal
6	15693.100	38.85	38.51	10.10	-39.18	48.28	74.00	25.72	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5260MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

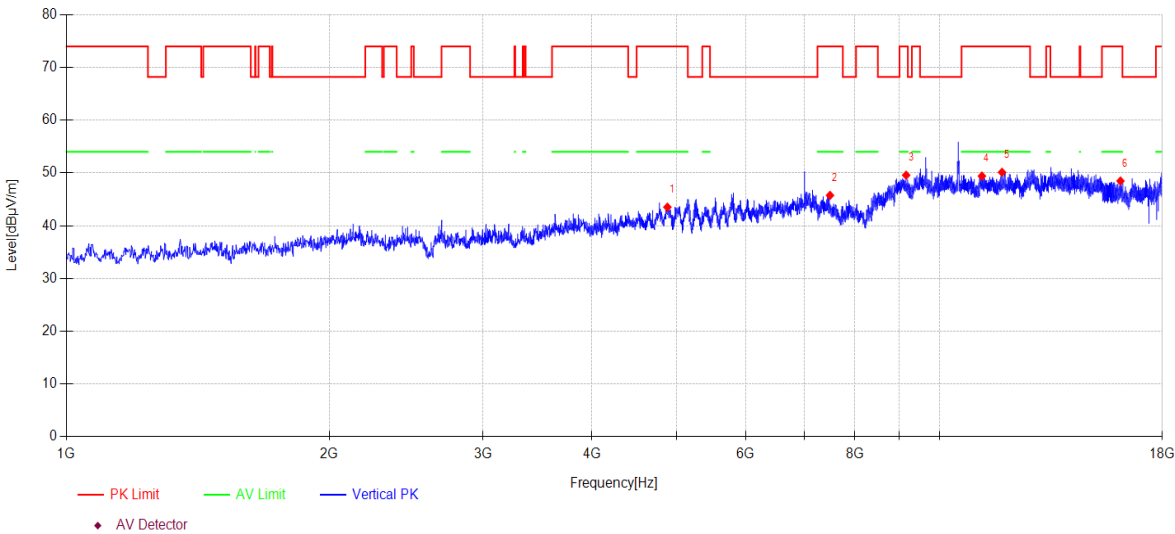
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4879.400	43.95	33.33	6.36	-40.12	43.52	74.00	30.48	PK	Vertical
2	7492.300	43.62	36.52	7.55	-41.93	45.76	74.00	28.24	PK	Vertical
3	9160.000	41.71	38.52	8.13	-38.78	49.58	74.00	24.42	PK	Vertical
4	11184.700	40.84	39.22	8.53	-39.18	49.41	74.00	24.59	PK	Vertical
5	11793.300	41.78	38.91	8.90	-39.46	50.13	74.00	23.87	PK	Vertical
6	16118.100	39.73	37.88	10.33	-39.46	48.48	74.00	25.52	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5280MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

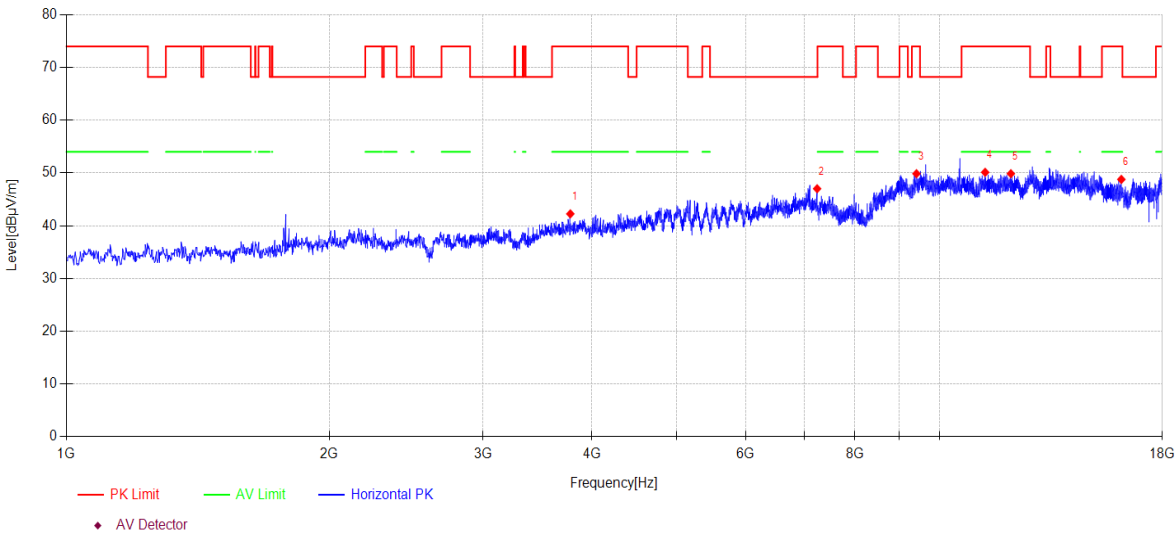
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3777.800	46.71	30.61	5.24	-40.31	42.25	74.00	31.75	PK	Horizontal
2	7242.400	44.13	36.80	7.39	-41.31	47.01	68.20	21.19	PK	Horizontal
3	9411.600	41.80	38.70	8.12	-38.76	49.86	74.00	24.14	PK	Horizontal
4	11281.600	41.55	39.20	8.59	-39.22	50.12	74.00	23.88	PK	Horizontal
5	12072.100	41.14	39.27	9.05	-39.59	49.87	74.00	24.13	PK	Horizontal
6	16155.500	40.07	37.84	10.36	-39.49	48.78	74.00	25.22	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5280MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

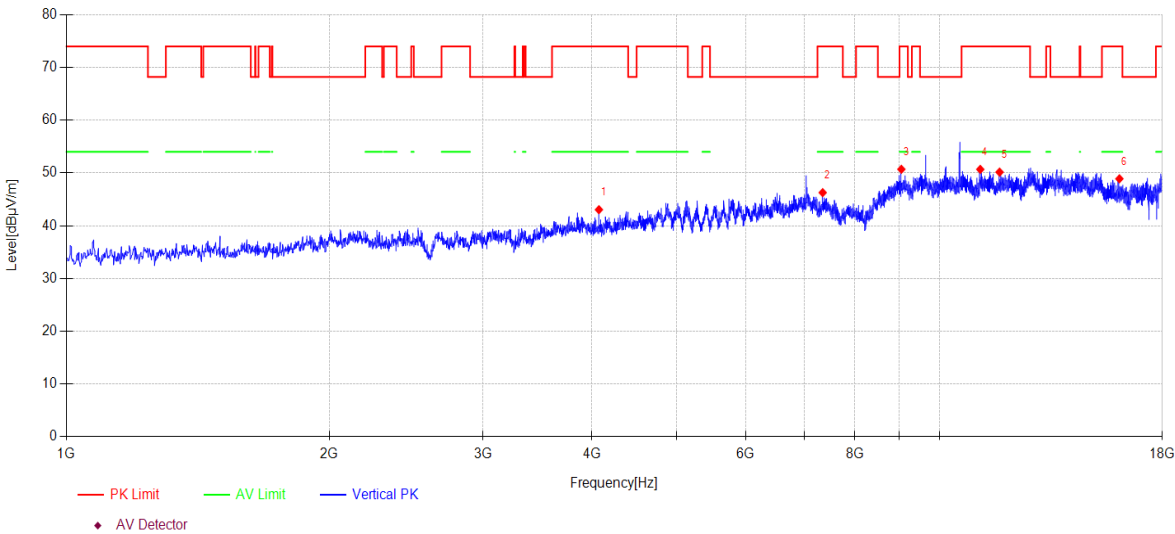
File Path:

d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\36

Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4073.600	47.01	31.05	5.40	-40.42	43.04	74.00	30.96	PK	Vertical
2	7349.500	43.60	36.80	7.45	-41.57	46.28	74.00	27.72	PK	Vertical
3	9044.400	42.97	38.39	8.13	-38.79	50.70	74.00	23.30	PK	Vertical
4	11137.100	42.07	39.26	8.50	-39.15	50.68	74.00	23.32	PK	Vertical
5	11718.500	41.76	38.98	8.85	-39.43	50.16	74.00	23.84	PK	Vertical
6	16073.900	40.09	37.93	10.30	-39.42	48.90	74.00	25.10	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

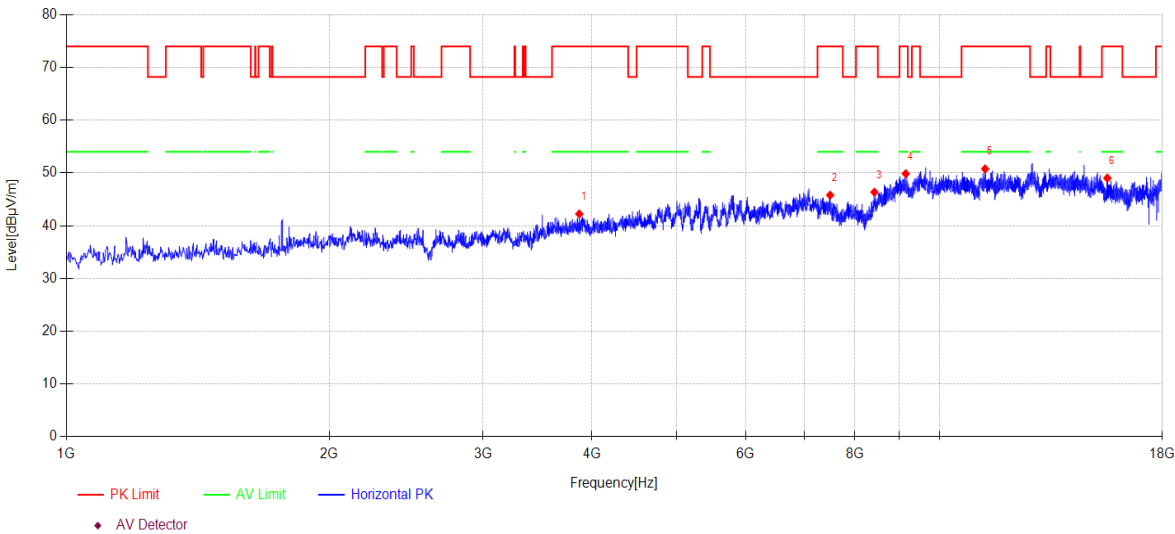
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\33

Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3867.900	46.33	31.01	5.27	-40.37	42.24	74.00	31.76	PK	Horizontal
2	7495.700	43.68	36.51	7.55	-41.94	45.80	74.00	28.20	PK	Horizontal
3	8423.900	42.21	37.50	7.98	-41.33	46.36	74.00	27.64	PK	Horizontal
4	9149.800	42.01	38.50	8.13	-38.78	49.86	74.00	24.14	PK	Horizontal
5	11279.900	42.20	39.20	8.59	-39.22	50.77	74.00	23.23	PK	Horizontal
6	15569.000	39.42	38.66	10.05	-39.10	49.03	74.00	24.97	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

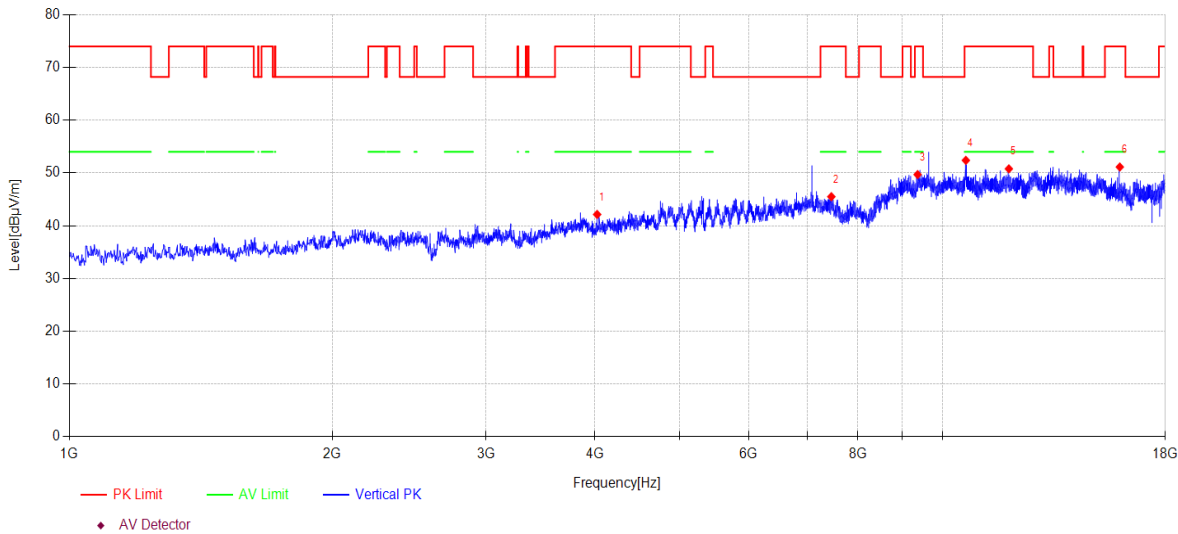
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4022.600	46.29	30.95	5.34	-40.44	42.14	74.00	31.86	PK	Vertical
2	7460.000	43.25	36.58	7.52	-41.85	45.50	74.00	28.50	PK	Vertical
3	9365.700	41.64	38.70	8.12	-38.76	49.70	74.00	24.30	PK	Vertical
4	10637.300	43.78	39.27	8.30	-38.96	52.39	74.00	21.61	PK	Vertical
5	11914.000	42.39	38.94	8.97	-39.52	50.78	74.00	23.22	PK	Vertical
6	15963.400	42.21	38.04	10.22	-39.34	51.13	74.00	22.87	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

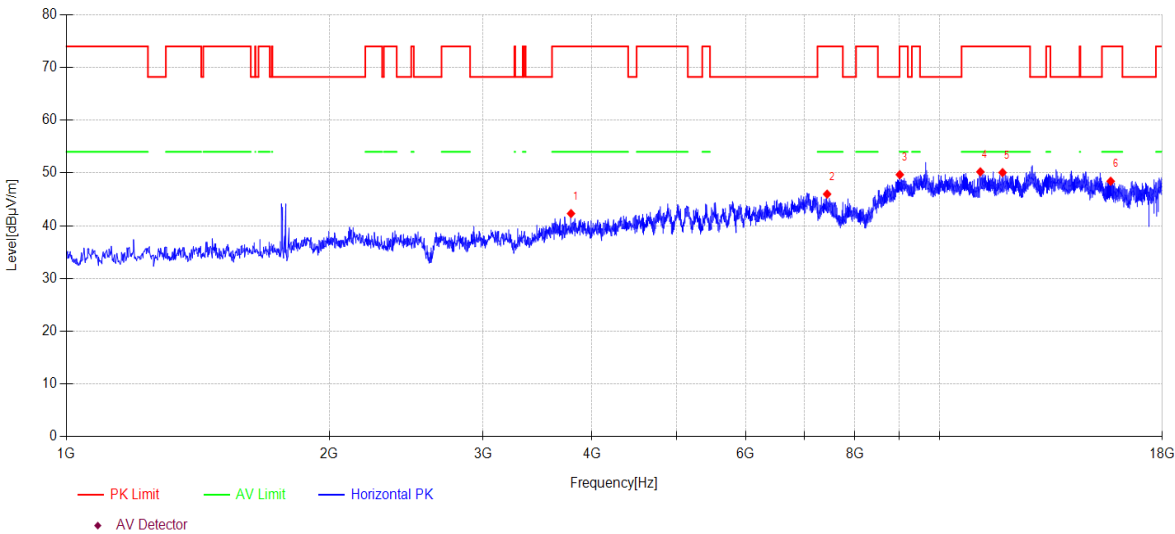
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3784.600	46.75	30.64	5.24	-40.32	42.31	74.00	31.69	PK	Horizontal
2	7436.200	43.64	36.63	7.51	-41.79	45.99	74.00	28.01	PK	Horizontal
3	9007.000	42.02	38.31	8.13	-38.79	49.67	74.00	24.33	PK	Horizontal
4	11138.800	41.61	39.26	8.50	-39.16	50.21	74.00	23.79	PK	Horizontal
5	11810.300	41.74	38.90	8.91	-39.47	50.08	74.00	23.92	PK	Horizontal
6	15706.700	39.01	38.49	10.11	-39.18	48.43	74.00	25.57	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

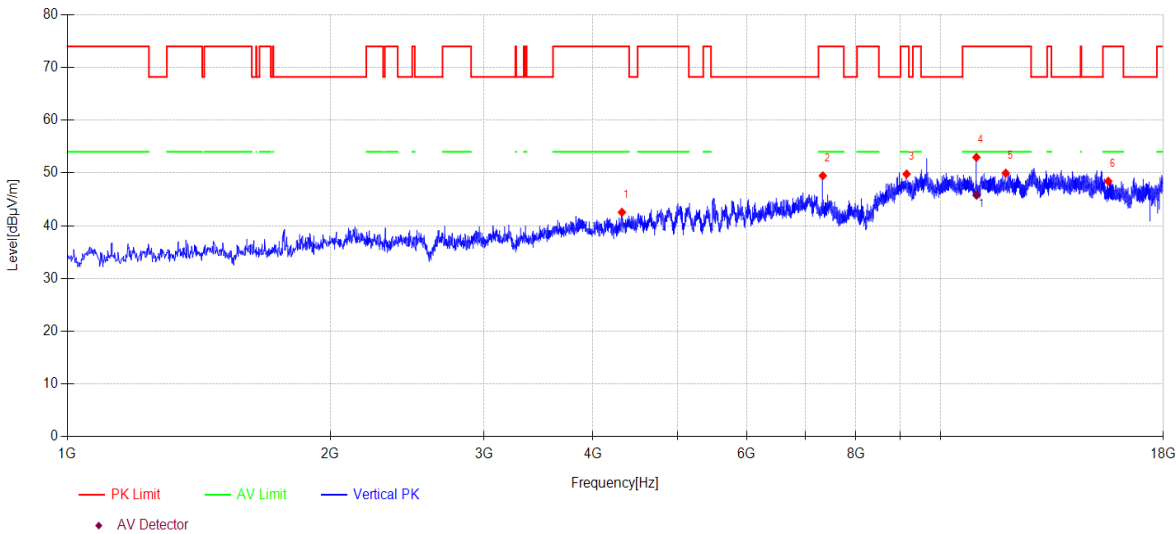
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4316.700	45.59	31.60	5.69	-40.33	42.55	74.00	31.45	PK	Vertical
2	7332.500	46.72	36.84	7.44	-41.53	49.47	74.00	24.53	PK	Vertical
3	9146.400	41.95	38.50	8.13	-38.78	49.80	74.00	24.20	PK	Vertical
4	10994.300	44.33	39.30	8.42	-39.09	52.96	74.00	21.04	PK	Vertical
5	11880.000	41.62	38.90	8.95	-39.50	49.97	74.00	24.03	PK	Vertical
6	15567.300	38.81	38.67	10.05	-39.10	48.43	74.00	25.57	PK	Vertical

Data List										
NO .	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	10997.780	37.17	39.30	8.42	-39.09	45.80	54.0	8.20	AV	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5580MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

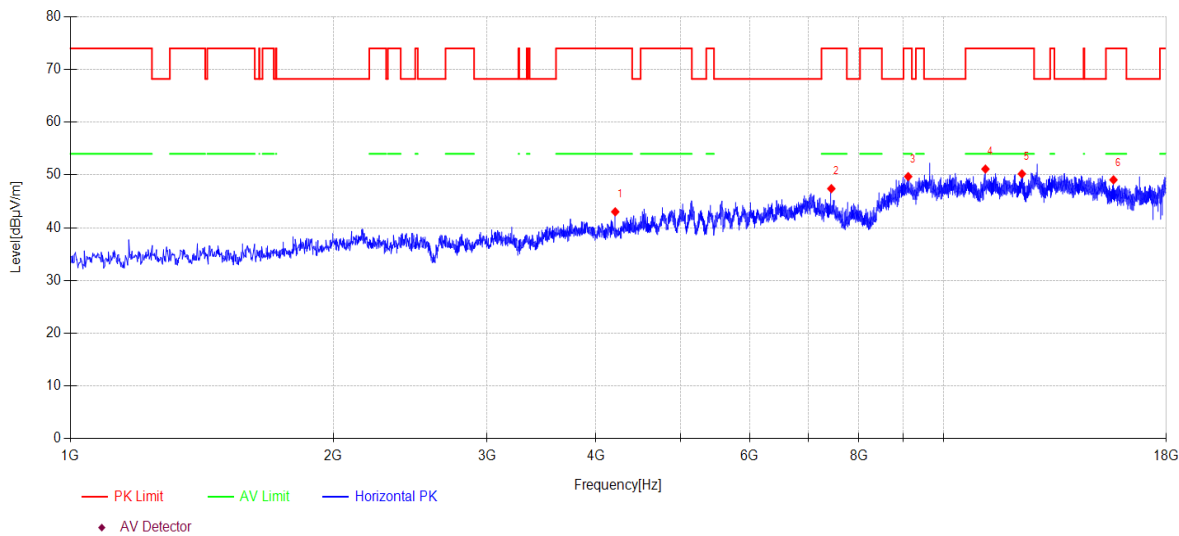
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4207.900	46.60	31.23	5.56	-40.37	43.02	74.00	30.98	PK	Horizontal
2	7439.600	45.07	36.62	7.51	-41.80	47.40	74.00	26.60	PK	Horizontal
3	9112.400	41.85	38.50	8.13	-38.78	49.70	74.00	24.30	PK	Horizontal
4	11171.100	42.54	39.23	8.52	-39.17	51.12	74.00	22.88	PK	Horizontal
5	12298.200	41.43	39.30	9.16	-39.68	50.21	74.00	23.79	PK	Horizontal
6	15657.400	39.59	38.54	10.09	-39.15	49.07	74.00	24.93	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5580MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

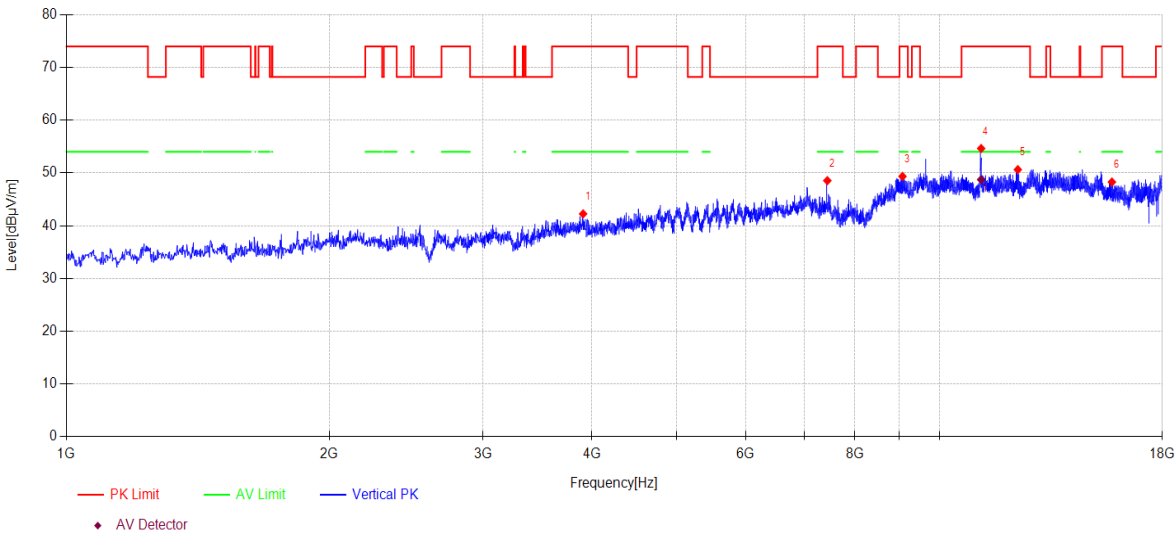
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3907.000	46.17	31.19	5.28	-40.39	42.25	74.00	31.75	PK	Vertical
2	7439.600	46.22	36.62	7.51	-41.80	48.55	74.00	25.45	PK	Vertical
3	9071.600	41.56	38.44	8.13	-38.78	49.35	74.00	24.65	PK	Vertical
4	11162.600	46.05	39.24	8.52	-39.17	54.64	74.00	19.36	PK	Vertical
5	12294.800	41.84	39.30	9.16	-39.67	50.63	74.00	23.37	PK	Vertical
6	15757.700	38.98	38.38	10.13	-39.21	48.28	74.00	25.72	PK	Vertical

Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11162.600	40.14	39.24	8.52	-39.17	48.73	54.0	5.27	AV	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5700MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

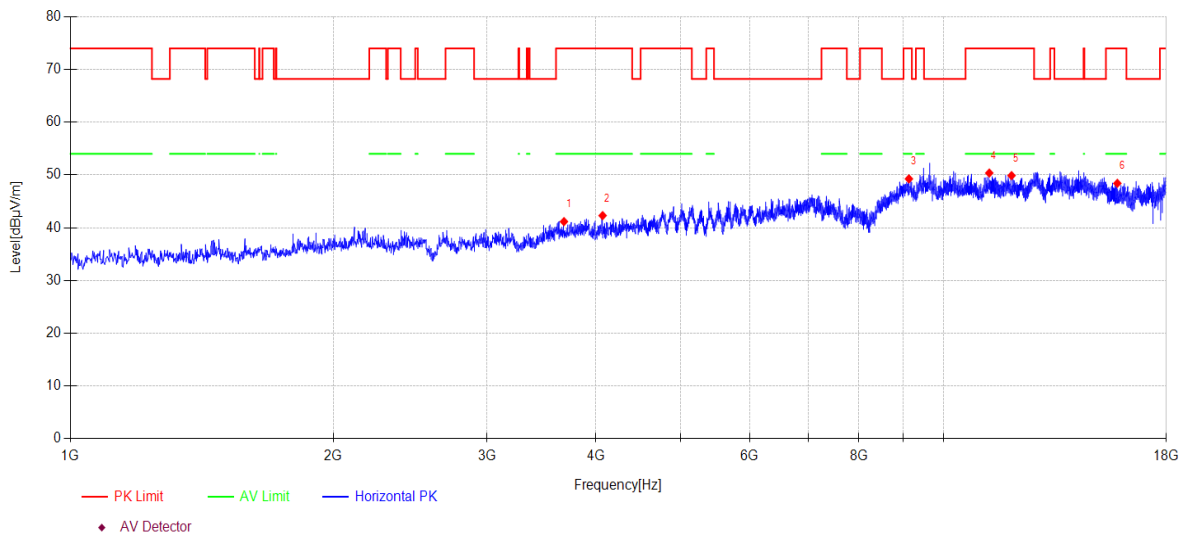
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3675.800	45.90	30.30	5.21	-40.25	41.16	74.00	32.84	PK	Horizontal
2	4070.200	46.29	31.04	5.39	-40.42	42.30	74.00	31.70	PK	Horizontal
3	9129.400	41.41	38.50	8.13	-38.78	49.26	74.00	24.74	PK	Horizontal
4	11285.000	41.80	39.20	8.59	-39.22	50.37	74.00	23.63	PK	Horizontal
5	11966.700	41.32	39.10	9.00	-39.54	49.88	74.00	24.12	PK	Horizontal
6	15817.200	39.23	38.27	10.16	-39.25	48.41	74.00	25.59	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-18

Tested By:

Junchang Du

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11AX20 TX 5700MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

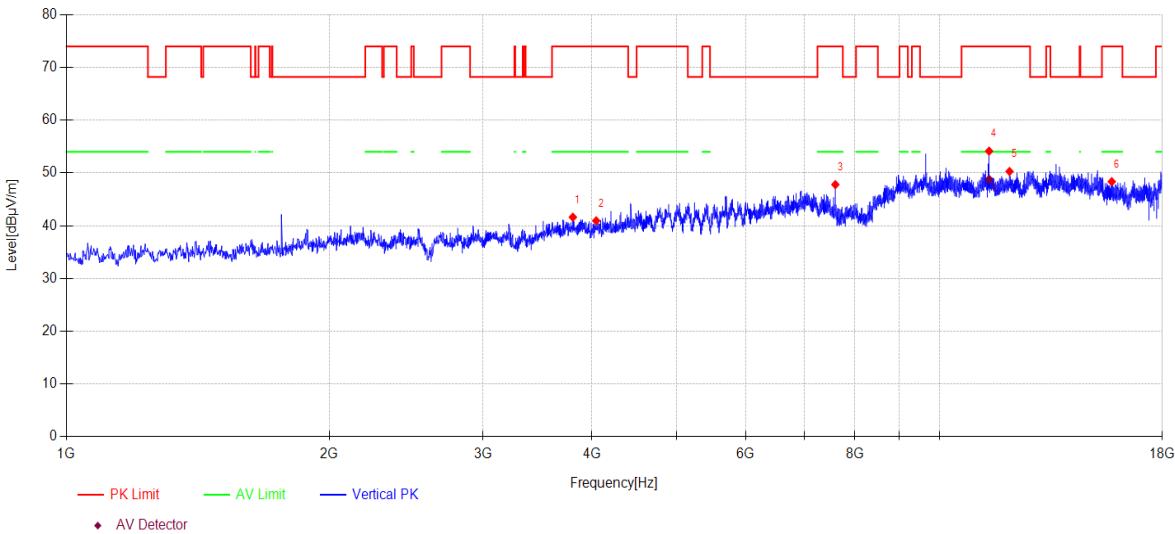
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3803.300	45.99	30.71	5.25	-40.33	41.62	74.00	32.38	PK	Vertical
2	4044.700	45.02	30.99	5.36	-40.43	40.94	74.00	33.06	PK	Vertical
3	7599.400	45.89	36.50	7.61	-42.20	47.80	74.00	26.20	PK	Vertical
4	11400.600	45.46	39.30	8.66	-39.28	54.14	74.00	19.86	PK	Vertical
5	12029.600	41.60	39.23	9.03	-39.57	50.29	74.00	23.71	PK	Vertical
6	15752.600	39.05	38.39	10.13	-39.21	48.36	74.00	25.64	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11400.600	40.12	39.30	8.66	-39.28	48.80	54.0	5.20	AV	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX20 TX 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

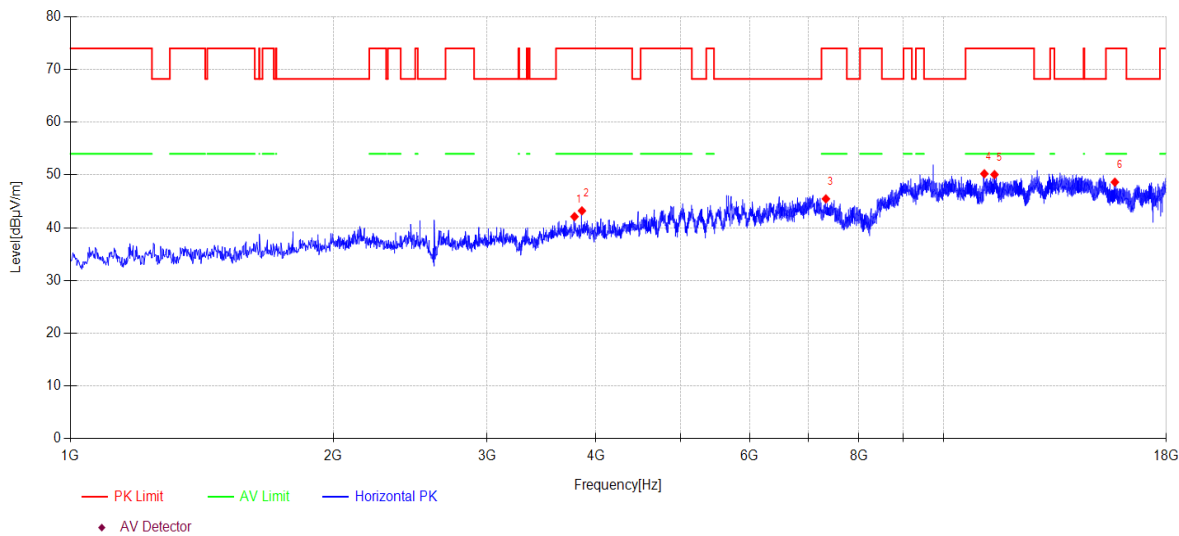
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3779.500	46.57	30.62	5.24	-40.32	42.11	74.00	31.89	PK	Horizontal
2	3854.300	47.38	30.93	5.26	-40.36	43.21	74.00	30.79	PK	Horizontal
3	7334.200	42.74	36.83	7.44	-41.54	45.47	74.00	28.53	PK	Horizontal
4	11138.800	41.63	39.26	8.50	-39.16	50.23	74.00	23.77	PK	Horizontal
5	11441.400	41.44	39.26	8.68	-39.30	50.08	74.00	23.92	PK	Horizontal
6	15715.200	39.25	38.47	10.11	-39.19	48.64	74.00	25.36	PK	Horizontal

Note:

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