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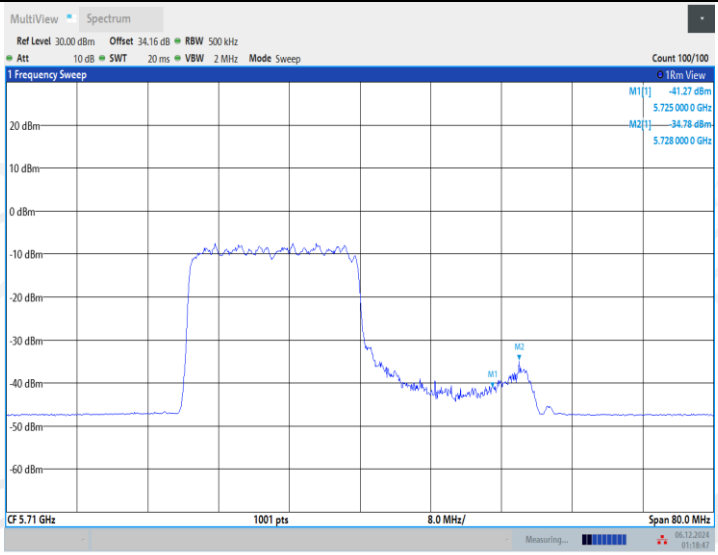

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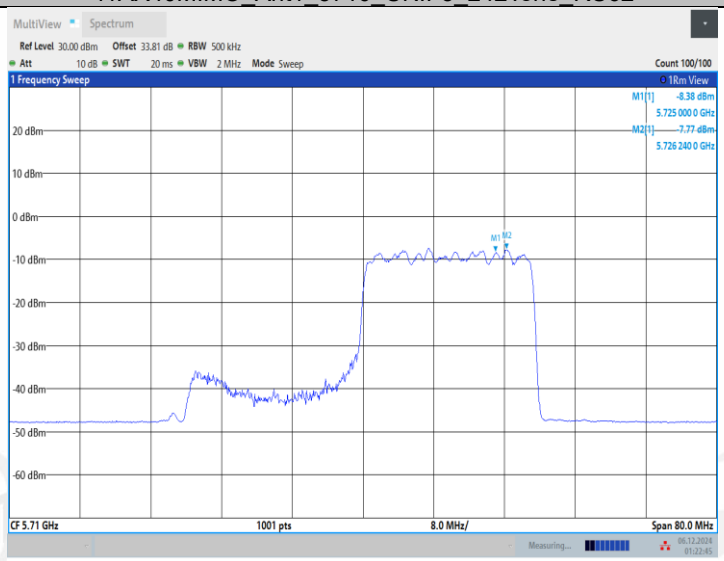

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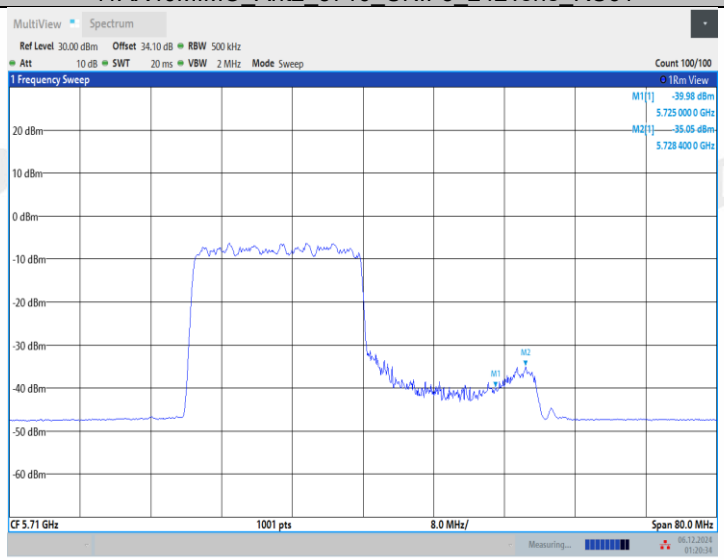

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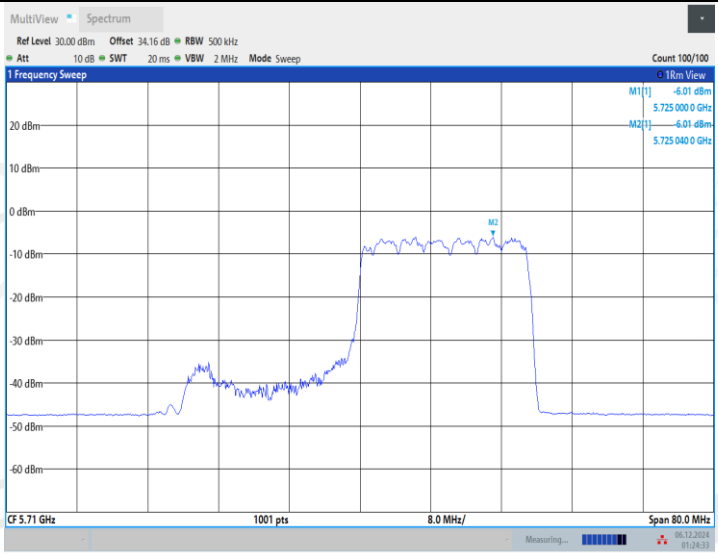

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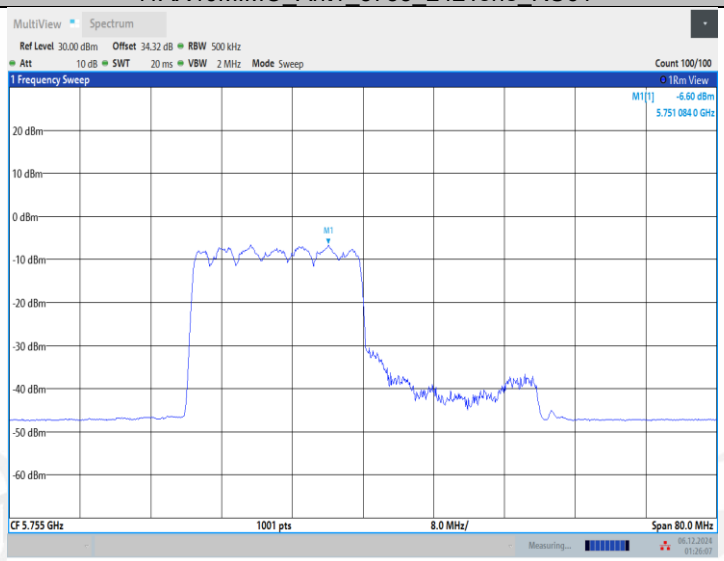

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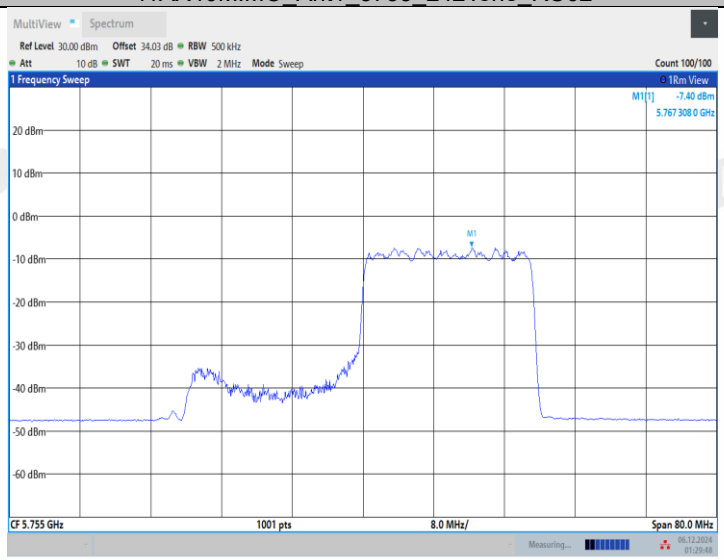

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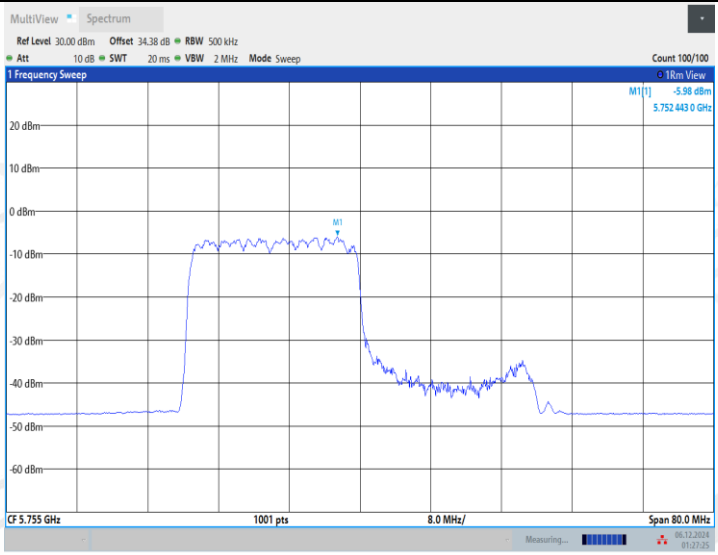

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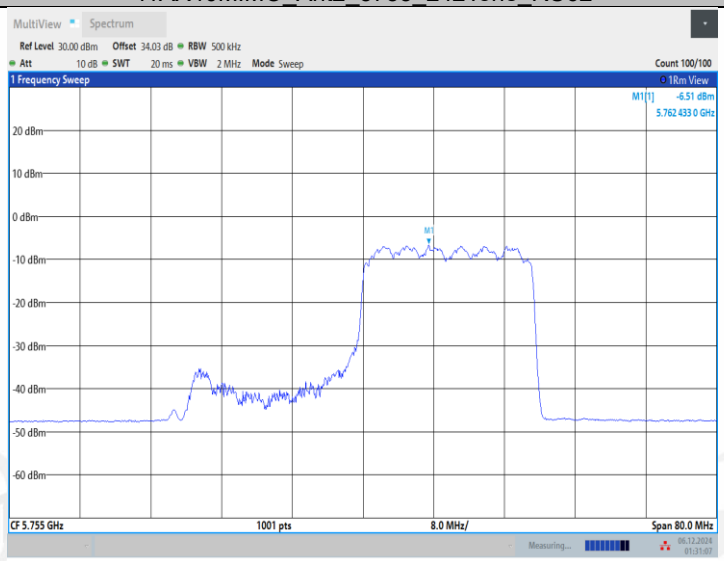

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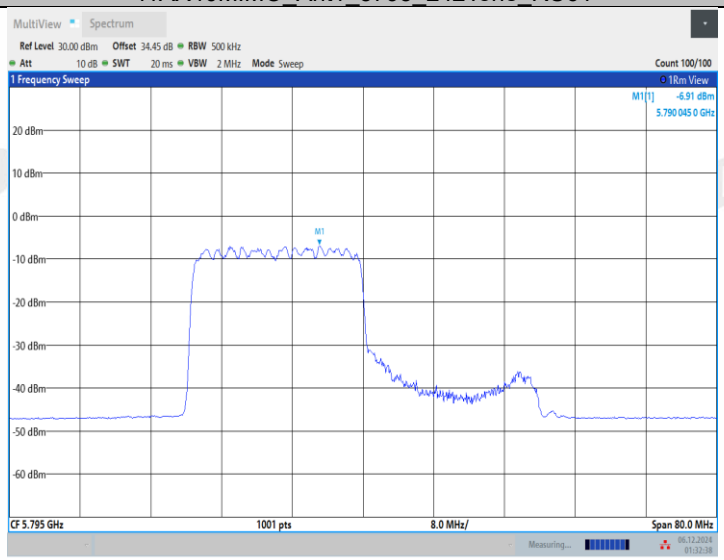

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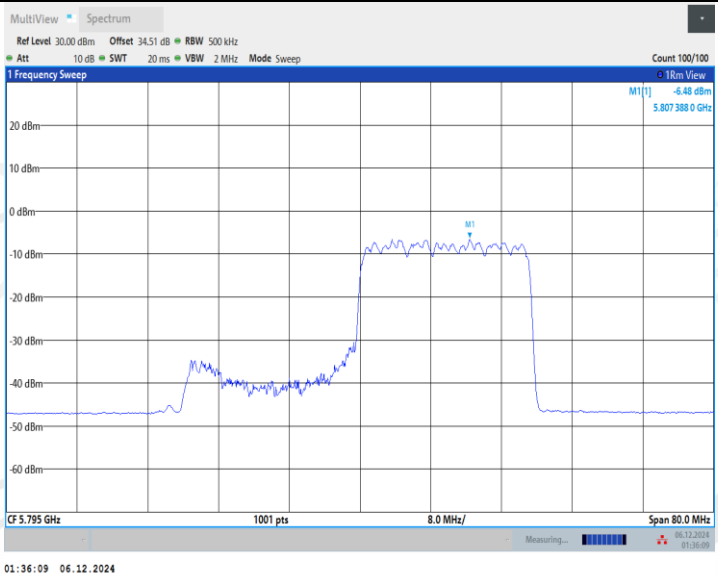

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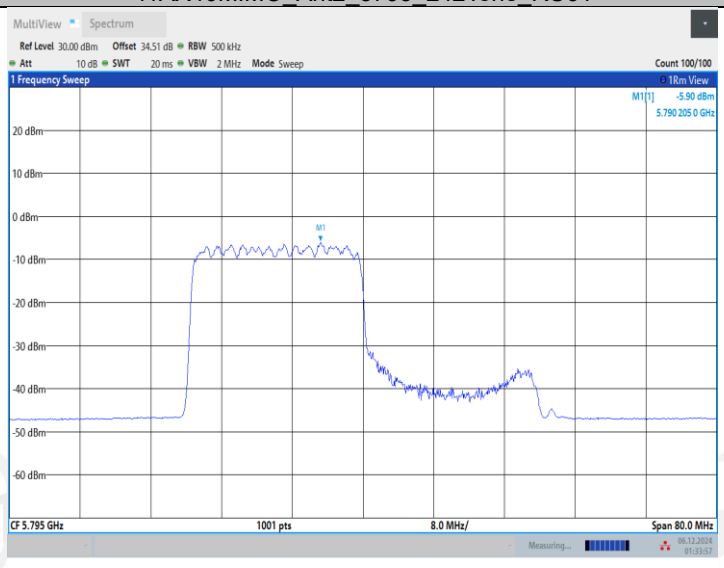

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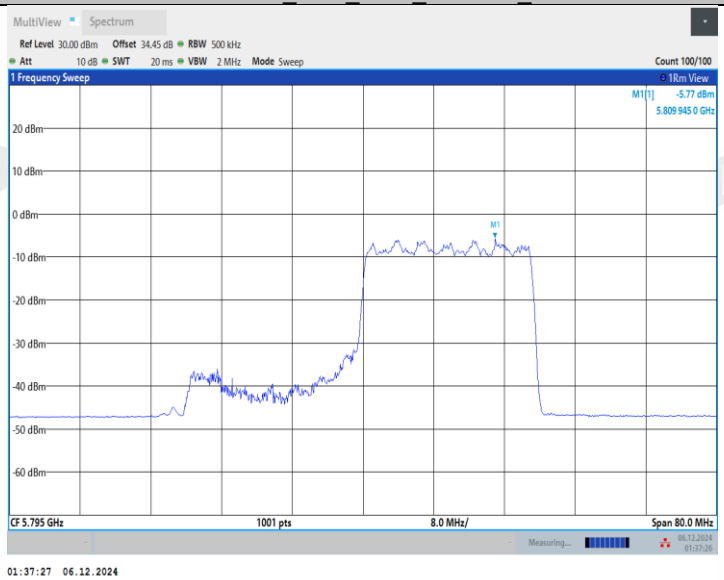

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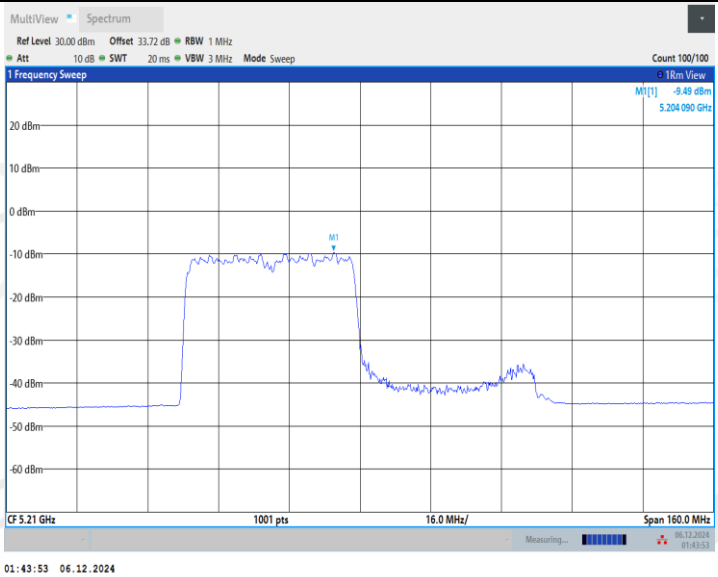

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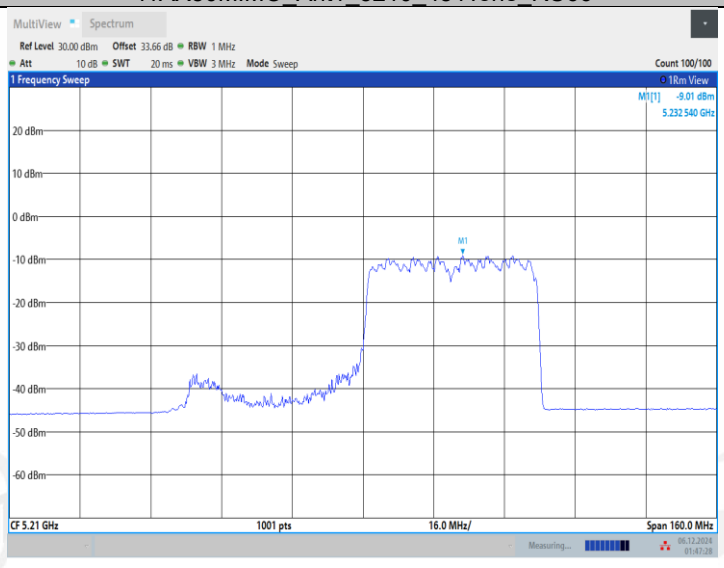

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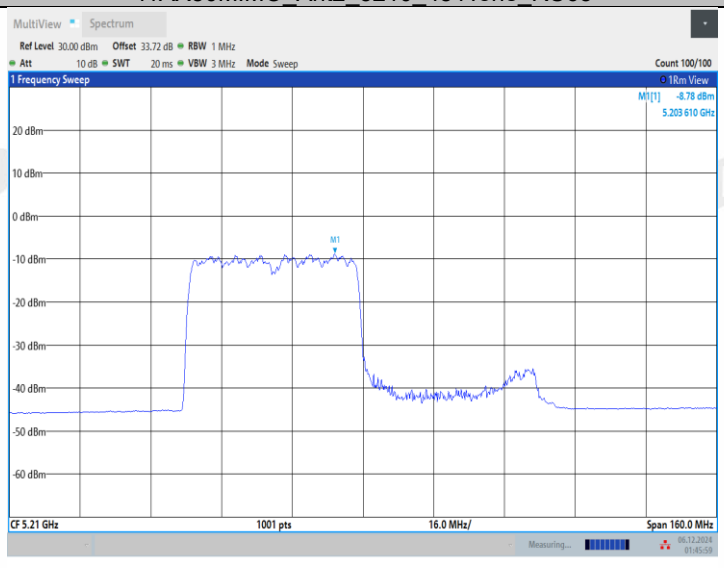

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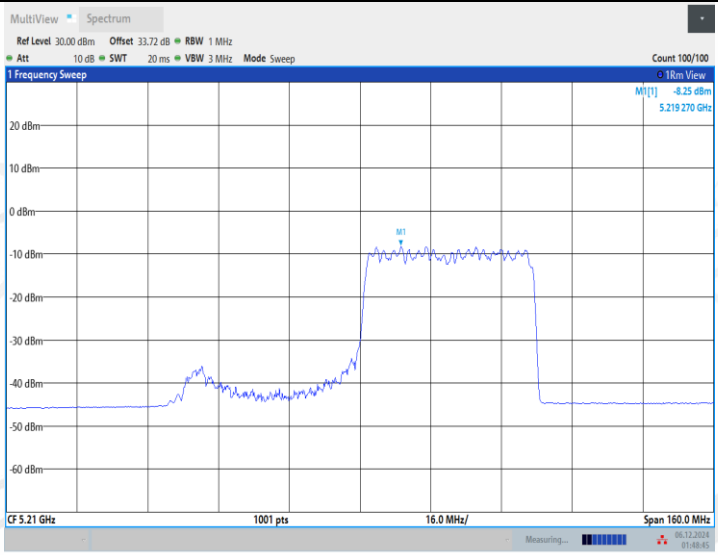

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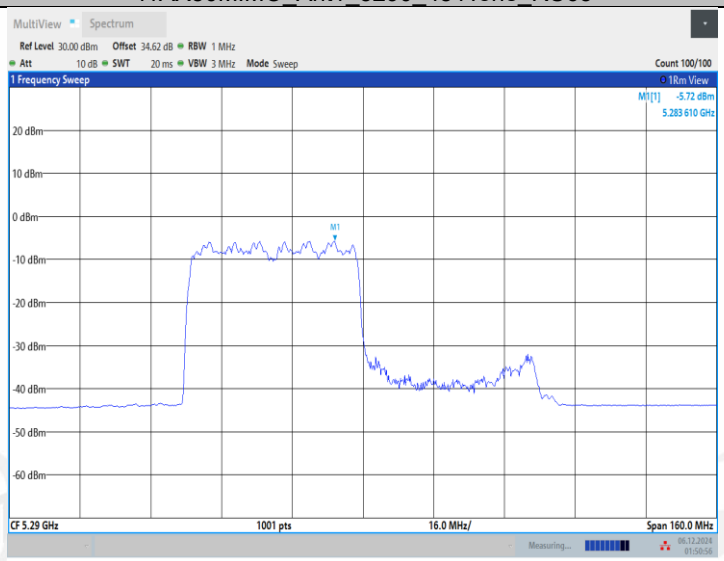

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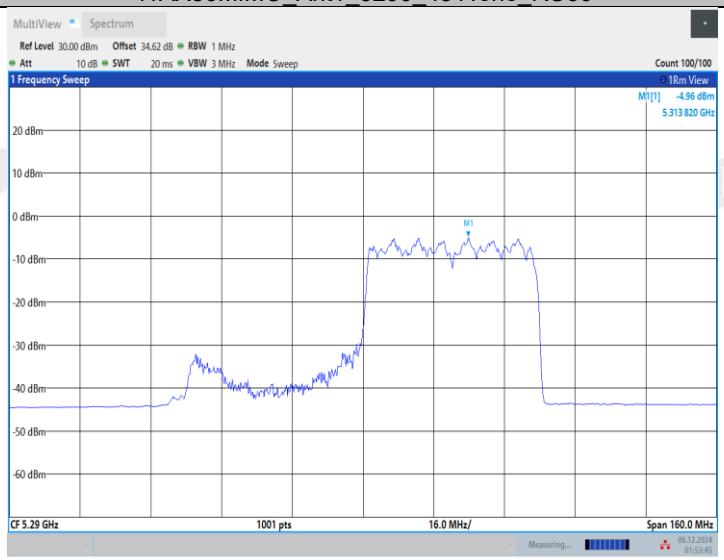

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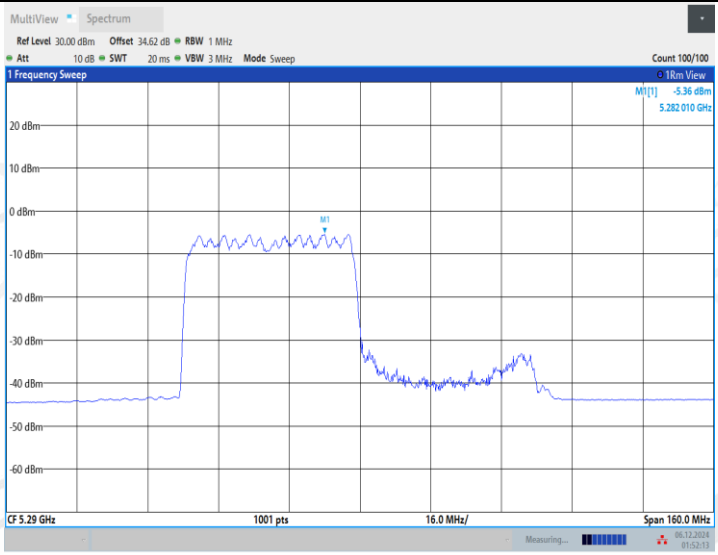

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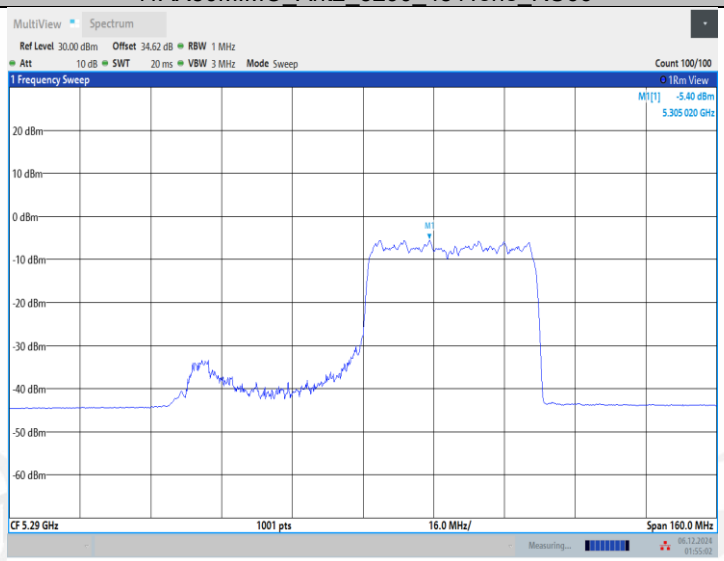

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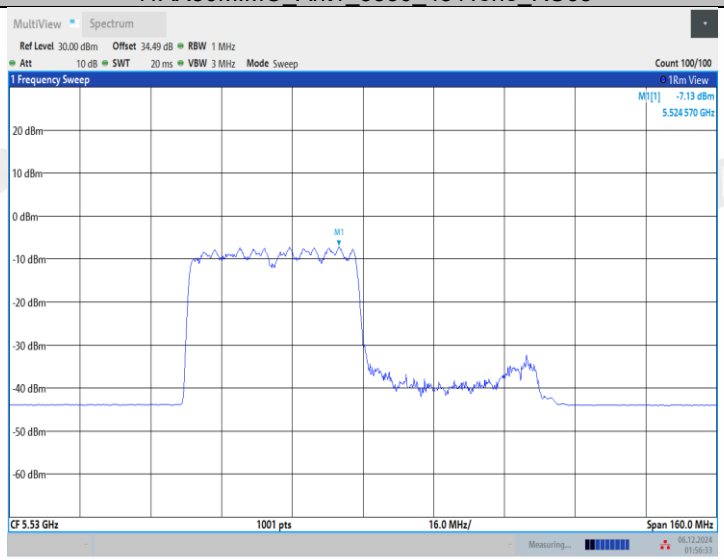

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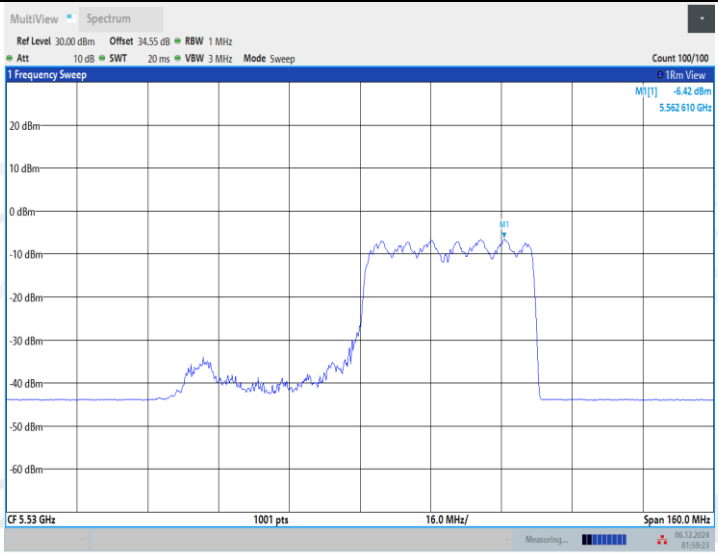

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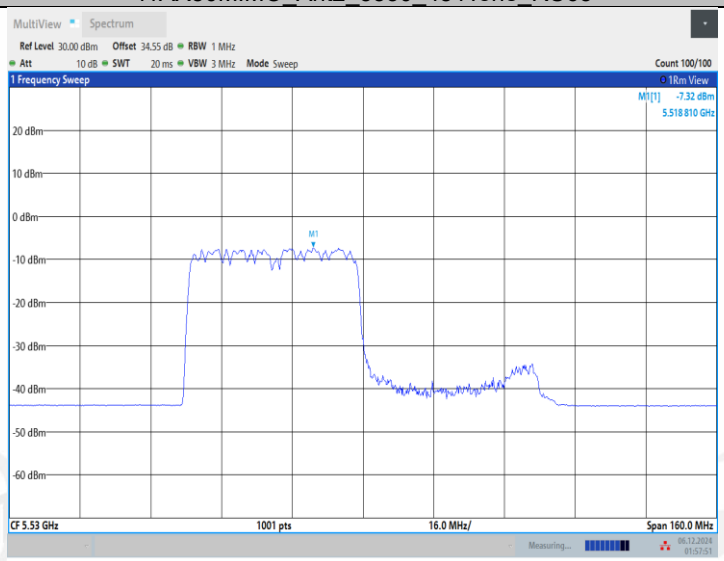

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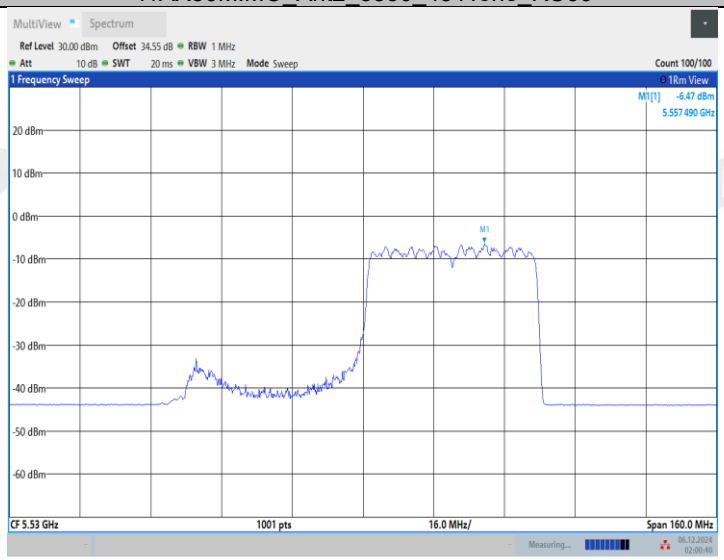

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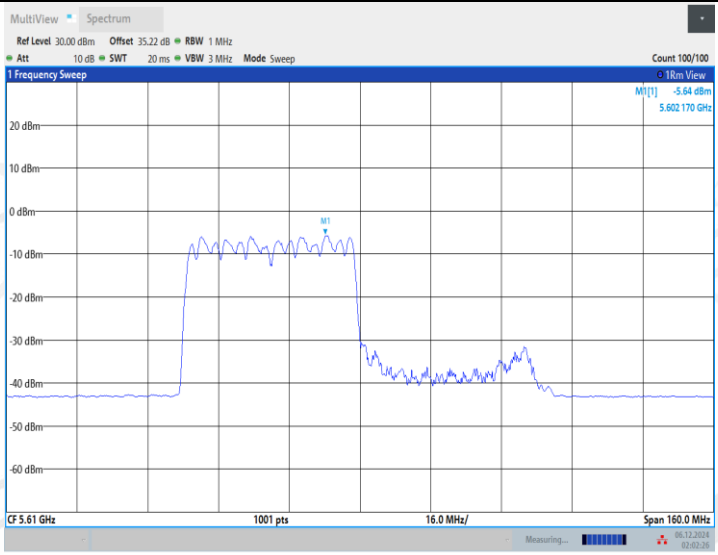

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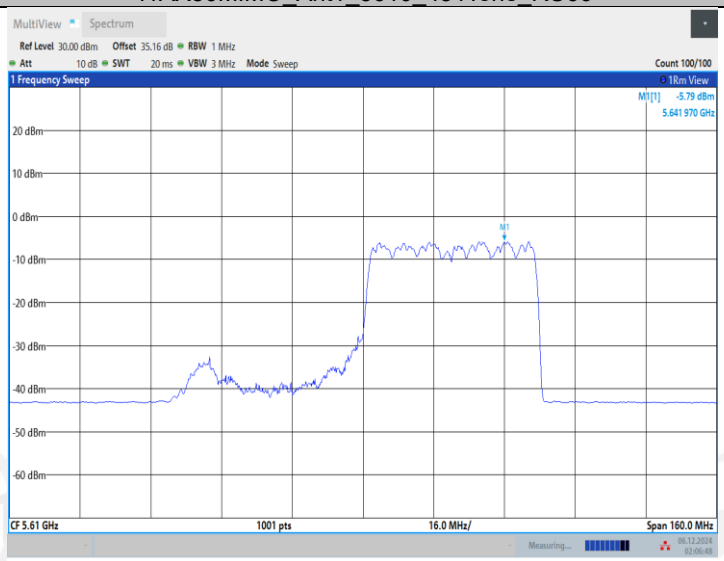

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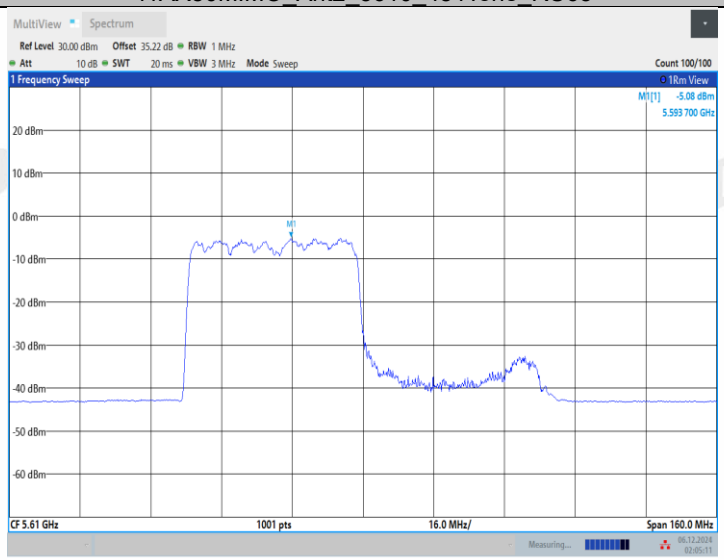

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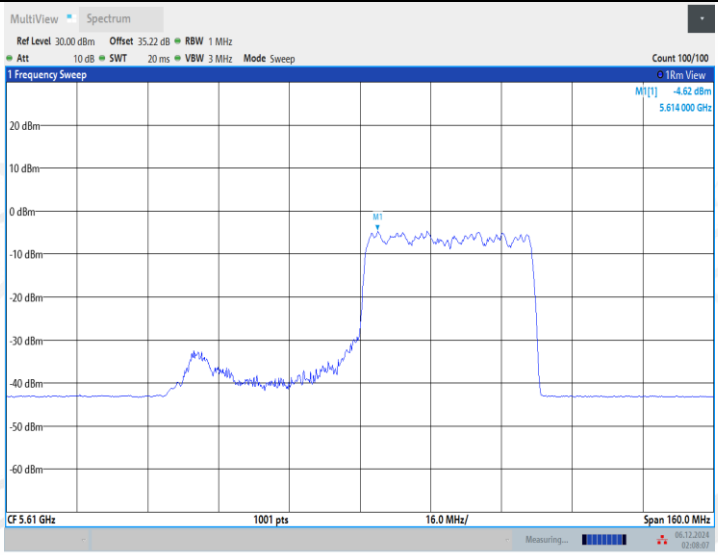

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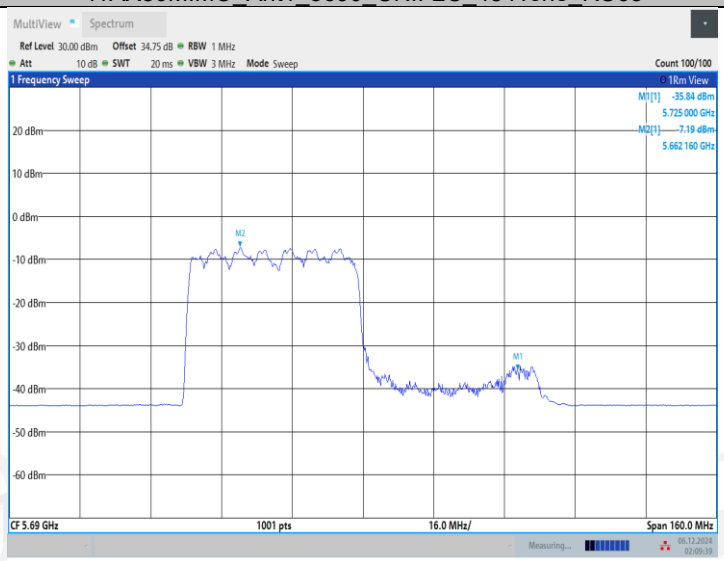

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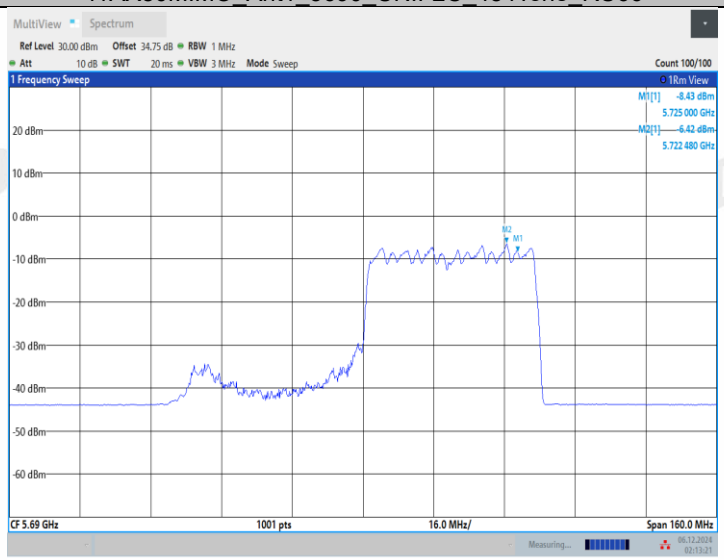

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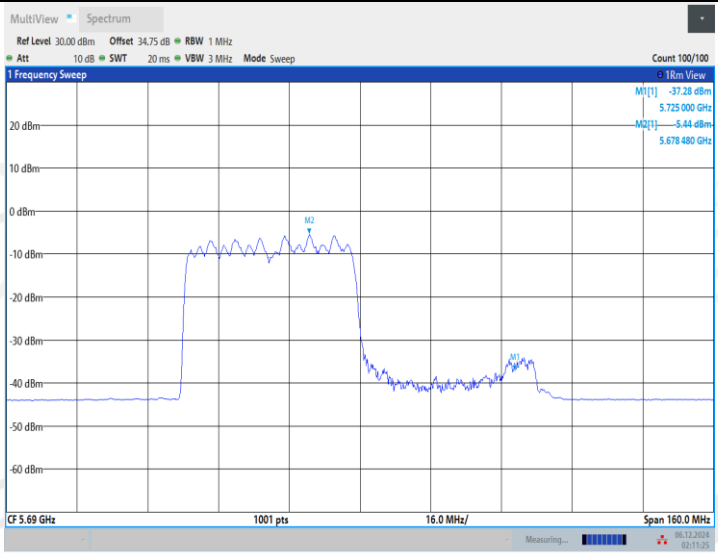

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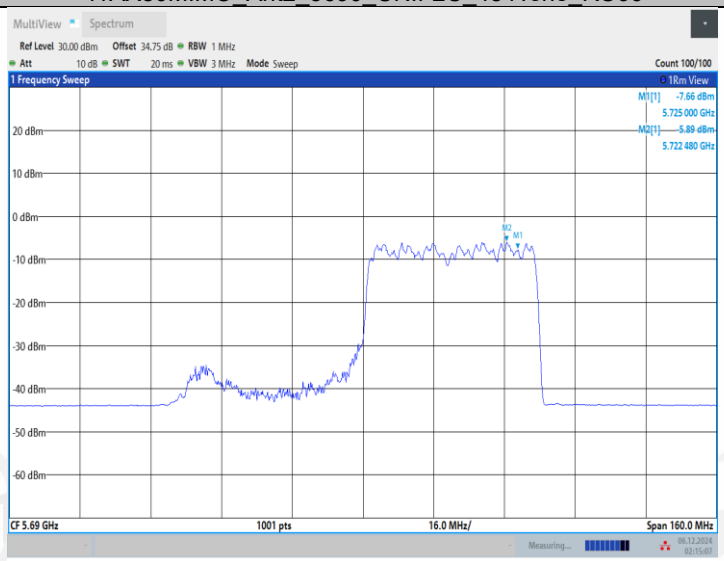

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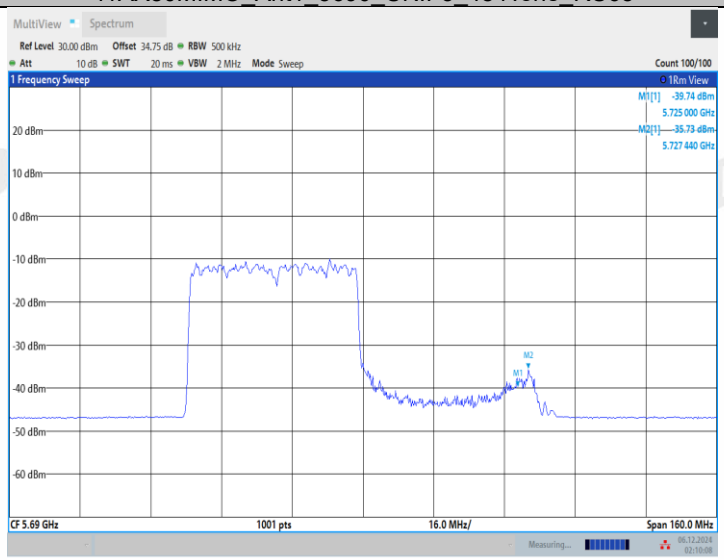

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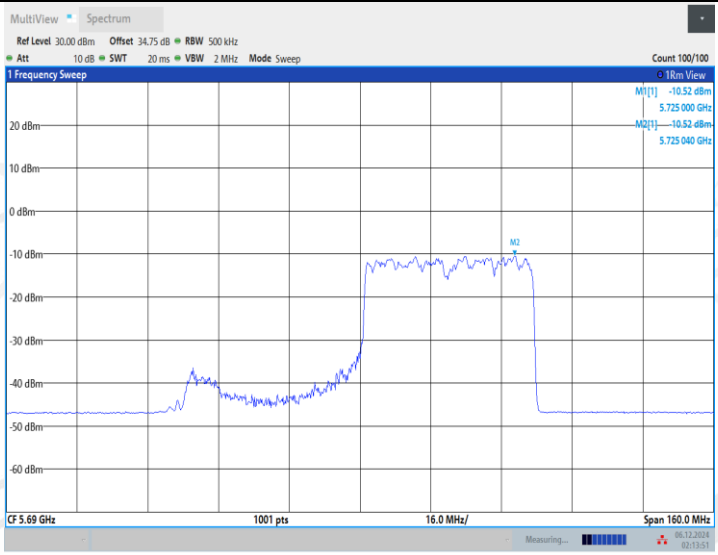

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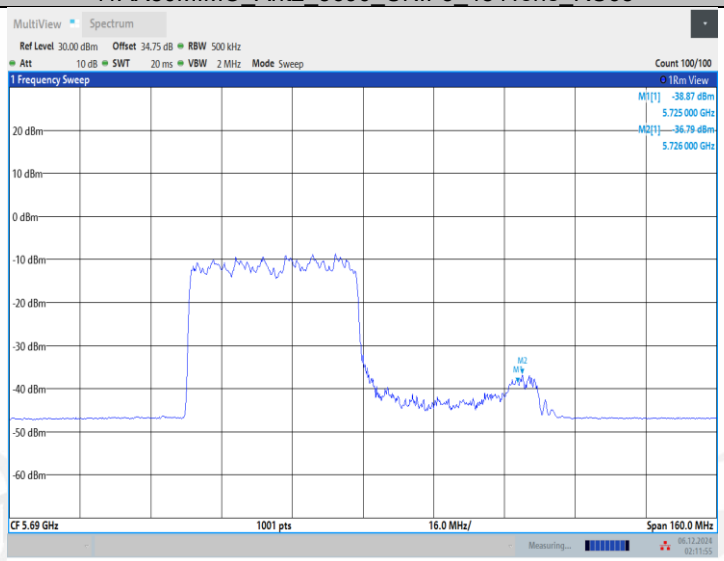

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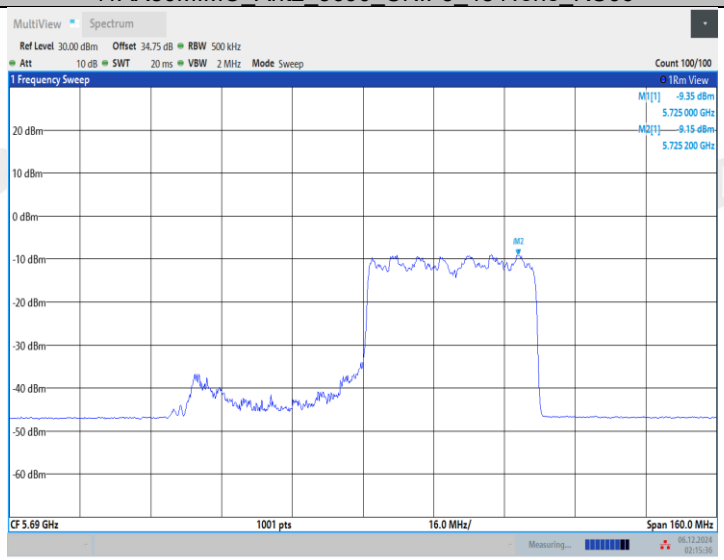

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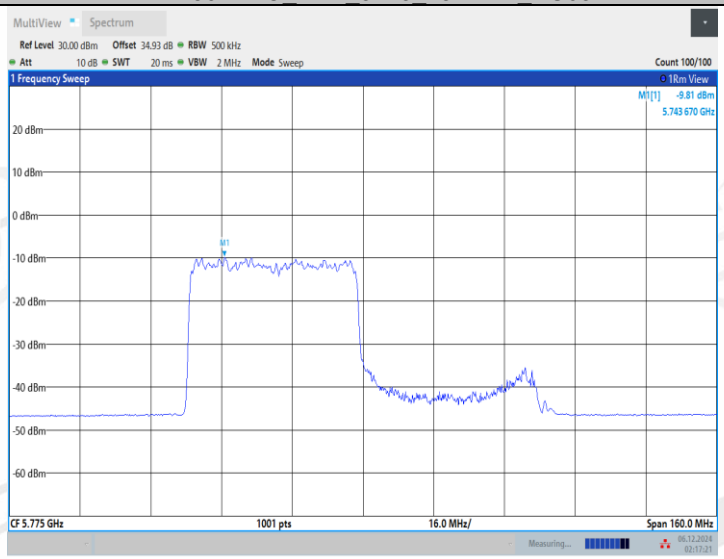

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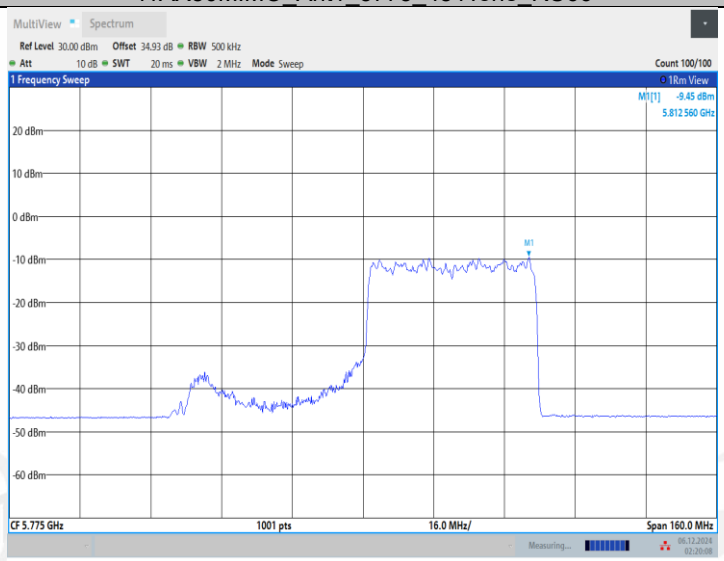

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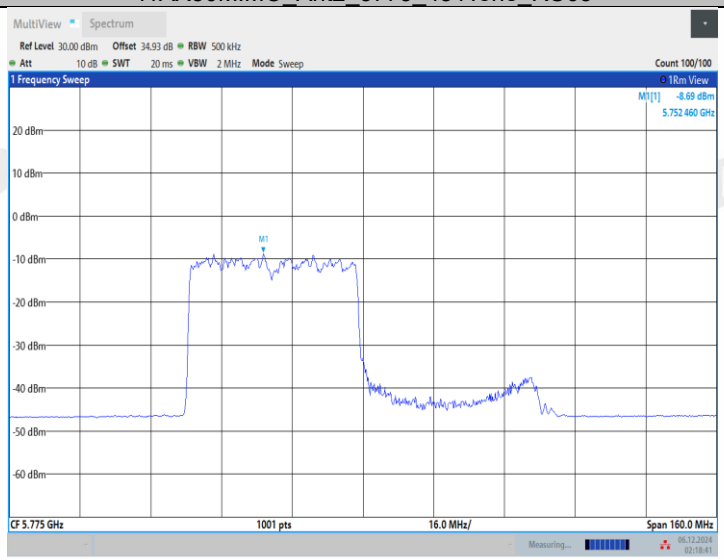

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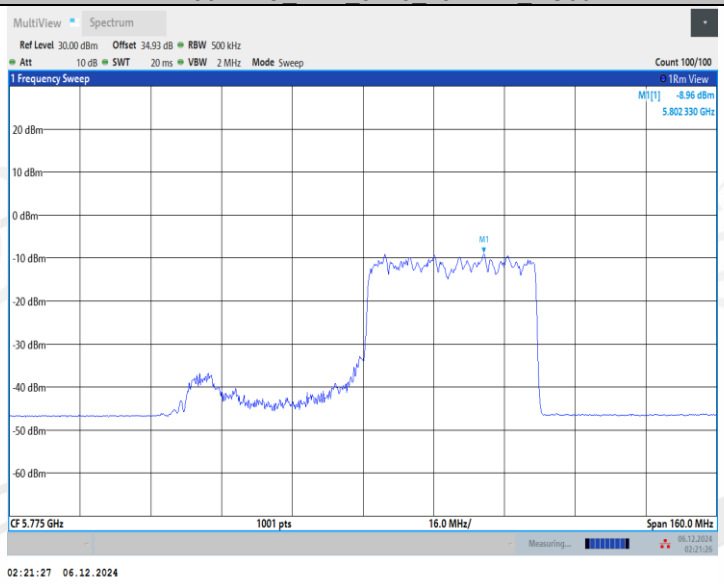


10. Frequency Stability Measurement

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.

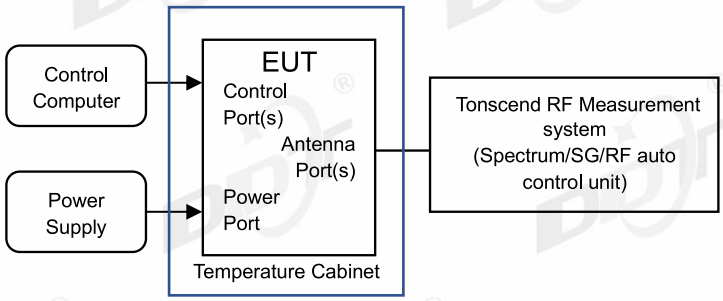
10.2. Measuring Instruments

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:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.4℃, 49.1%RH	Test Date:	2024.11.26-2024.12.04
Test Power Supply:	AC 230V/50Hz	Sample Number:	S24111416-005

Voltage								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-60000.00	-11.583012	20	PASS
			LV	NT	-80000.00	-15.444015	20	PASS
			HV	NT	-60000.00	-11.583012	20	PASS
	Ant2	5180	NV	NT	-60000.00	-11.583012	20	PASS
			LV	NT	-80000.00	-15.444015	20	PASS
			HV	NT	-60000.00	-11.583012	20	PASS
	Ant1	5200	NV	NT	-80000.00	-15.384615	20	PASS
			LV	NT	-60000.00	-11.538462	20	PASS
			HV	NT	-60000.00	-11.538462	20	PASS
	Ant2	5200	NV	NT	-60000.00	-11.538462	20	PASS
			LV	NT	-60000.00	-11.538462	20	PASS
			HV	NT	-60000.00	-11.538462	20	PASS
	Ant1	5240	NV	NT	-60000.00	-11.450382	20	PASS
			LV	NT	-60000.00	-11.450382	20	PASS
			HV	NT	-60000.00	-11.450382	20	PASS
	Ant2	5240	NV	NT	-60000.00	-11.450382	20	PASS
			LV	NT	-60000.00	-11.450382	20	PASS
			HV	NT	-60000.00	-11.450382	20	PASS
	Ant1	5260	NV	NT	-80000.00	-15.209125	20	PASS
			LV	NT	-80000.00	-15.209125	20	PASS
			HV	NT	-60000.00	-11.406844	20	PASS
	Ant2	5260	NV	NT	-60000.00	-11.406844	20	PASS
			LV	NT	-60000.00	-11.406844	20	PASS
			HV	NT	-80000.00	-15.209125	20	PASS
	Ant1	5280	NV	NT	-80000.00	-15.151515	20	PASS
			LV	NT	-80000.00	-15.151515	20	PASS
			HV	NT	-80000.00	-15.151515	20	PASS

	Ant2	5280	NV	NT	-80000.00	-15.151515	20	PASS
			LV	NT	-80000.00	-15.151515	20	PASS
			HV	NT	-80000.00	-15.151515	20	PASS
	Ant1	5320	NV	NT	-80000.00	-15.037594	20	PASS
			LV	NT	-80000.00	-15.037594	20	PASS
			HV	NT	-60000.00	-11.278195	20	PASS
	Ant2	5320	NV	NT	-60000.00	-11.278195	20	PASS
			LV	NT	-80000.00	-15.037594	20	PASS
			HV	NT	-60000.00	-11.278195	20	PASS
	Ant1	5500	NV	NT	-60000.00	-10.909091	20	PASS
			LV	NT	-60000.00	-10.909091	20	PASS
			HV	NT	-80000.00	-14.545455	20	PASS
	Ant2	5500	NV	NT	-80000.00	-14.545455	20	PASS
			LV	NT	-60000.00	-10.909091	20	PASS
			HV	NT	-60000.00	-10.909091	20	PASS
	Ant1	5580	NV	NT	-80000.00	-14.336918	20	PASS
			LV	NT	-80000.00	-14.336918	20	PASS
			HV	NT	-60000.00	-10.752688	20	PASS
	Ant2	5580	NV	NT	-80000.00	-14.336918	20	PASS
			LV	NT	-80000.00	-14.336918	20	PASS
			HV	NT	-80000.00	-14.336918	20	PASS
	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
			LV	NT	-80000.00	-14.035088	20	PASS
			HV	NT	-80000.00	-14.035088	20	PASS
	Ant2	5700	NV	NT	-60000.00	-10.526316	20	PASS
			LV	NT	-80000.00	-14.035088	20	PASS
			HV	NT	-80000.00	-14.035088	20	PASS
	Ant1	5720	NV	NT	-80000.00	-13.986014	20	PASS
			LV	NT	-80000.00	-13.986014	20	PASS
			HV	NT	-80000.00	-13.986014	20	PASS
	Ant2	5720	NV	NT	-60000.00	-10.489510	20	PASS
			LV	NT	-60000.00	-10.489510	20	PASS
			HV	NT	-60000.00	-10.489510	20	PASS
	Ant1	5745	NV	NT	-80000.00	-13.925152	20	PASS

			LV	NT	-80000.00	-13.925152	20	PASS
			HV	NT	-60000.00	-10.443864	20	PASS
	Ant2	5745	NV	NT	-80000.00	-13.925152	20	PASS
			LV	NT	-60000.00	-10.443864	20	PASS
			HV	NT	-80000.00	-13.925152	20	PASS
	Ant1	5785	NV	NT	-80000.00	-13.828868	20	PASS
			LV	NT	-80000.00	-13.828868	20	PASS
			HV	NT	-60000.00	-10.371651	20	PASS
	Ant2	5785	NV	NT	-60000.00	-10.371651	20	PASS
			LV	NT	-60000.00	-10.371651	20	PASS
			HV	NT	-80000.00	-13.828868	20	PASS
	Ant1	5825	NV	NT	-80000.00	-13.733906	20	PASS
			LV	NT	-60000.00	-10.300429	20	PASS
			HV	NT	-60000.00	-10.300429	20	PASS
	Ant2	5825	NV	NT	-80000.00	-13.733906	20	PASS
			LV	NT	-60000.00	-10.300429	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11N40MIMO	Ant1	5190	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-80000.00	-15.414258	20	PASS
	Ant2	5190	NV	NT	-80000.00	-15.414258	20	PASS
			LV	NT	-80000.00	-15.414258	20	PASS
			HV	NT	-80000.00	-15.414258	20	PASS
	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-80000.00	-15.296367	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
	Ant2	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
	Ant1	5270	NV	NT	-80000.00	-15.180266	20	PASS
			LV	NT	-80000.00	-15.180266	20	PASS
			HV	NT	-80000.00	-15.180266	20	PASS
	Ant2	5270	NV	NT	-80000.00	-15.180266	20	PASS
			LV	NT	-80000.00	-15.180266	20	PASS

			HV	NT	-80000.00	-15.180266	20	PASS
	Ant1	5310	NV	NT	-80000.00	-15.065913	20	PASS
			LV	NT	-80000.00	-15.065913	20	PASS
			HV	NT	-80000.00	-15.065913	20	PASS
	Ant2	5310	NV	NT	-40000.00	-7.532957	20	PASS
			LV	NT	-40000.00	-7.532957	20	PASS
			HV	NT	-80000.00	-15.065913	20	PASS
	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	-40000.00	-7.259528	20	PASS
			HV	NT	-40000.00	-7.259528	20	PASS
	Ant2	5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	-80000.00	-14.519056	20	PASS
			HV	NT	-80000.00	-14.519056	20	PASS
	Ant1	5550	NV	NT	-80000.00	-14.414414	20	PASS
			LV	NT	-80000.00	-14.414414	20	PASS
			HV	NT	-80000.00	-14.414414	20	PASS
	Ant2	5550	NV	NT	-80000.00	-14.414414	20	PASS
			LV	NT	-80000.00	-14.414414	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
	Ant1	5670	NV	NT	-80000.00	-14.109347	20	PASS
			LV	NT	-40000.00	-7.054674	20	PASS
			HV	NT	-80000.00	-14.109347	20	PASS
	Ant2	5670	NV	NT	-80000.00	-14.109347	20	PASS
			LV	NT	-40000.00	-7.054674	20	PASS
			HV	NT	-40000.00	-7.054674	20	PASS
	Ant1	5710	NV	NT	-40000.00	-7.005254	20	PASS
			LV	NT	-80000.00	-14.010508	20	PASS
			HV	NT	-80000.00	-14.010508	20	PASS
	Ant2	5710	NV	NT	-80000.00	-14.010508	20	PASS
			LV	NT	-80000.00	-14.010508	20	PASS
			HV	NT	-80000.00	-14.010508	20	PASS
	Ant1	5755	NV	NT	-80000.00	-13.900956	20	PASS
			LV	NT	-80000.00	-13.900956	20	PASS
			HV	NT	-80000.00	-13.900956	20	PASS

	Ant2	5755	NV	NT	-80000.00	-13.900956	20	PASS
			LV	NT	-80000.00	-13.900956	20	PASS
			HV	NT	-80000.00	-13.900956	20	PASS
	Ant1	5795	NV	NT	-80000.00	-13.805004	20	PASS
			LV	NT	-80000.00	-13.805004	20	PASS
			HV	NT	-80000.00	-13.805004	20	PASS
	Ant2	5795	NV	NT	-80000.00	-13.805004	20	PASS
			LV	NT	-80000.00	-13.805004	20	PASS
			HV	NT	-80000.00	-13.805004	20	PASS
11AC80MIMO	Ant1	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
	Ant2	5210	NV	NT	-80000.00	-15.355086	20	PASS
			LV	NT	-80000.00	-15.355086	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5290	NV	NT	-80000.00	-15.122873	20	PASS
			LV	NT	-80000.00	-15.122873	20	PASS
			HV	NT	-80000.00	-15.122873	20	PASS
	Ant2	5290	NV	NT	-80000.00	-15.122873	20	PASS
			LV	NT	-80000.00	-15.122873	20	PASS
			HV	NT	-80000.00	-15.122873	20	PASS
	Ant1	5530	NV	NT	-80000.00	-14.466546	20	PASS
			LV	NT	-80000.00	-14.466546	20	PASS
			HV	NT	-80000.00	-14.466546	20	PASS
	Ant2	5530	NV	NT	-80000.00	-14.466546	20	PASS
			LV	NT	-80000.00	-14.466546	20	PASS
			HV	NT	-80000.00	-14.466546	20	PASS
	Ant1	5610	NV	NT	-80000.00	-14.260250	20	PASS
			LV	NT	-80000.00	-14.260250	20	PASS
			HV	NT	-80000.00	-14.260250	20	PASS
	Ant2	5610	NV	NT	-80000.00	-14.260250	20	PASS
			LV	NT	-80000.00	-14.260250	20	PASS
			HV	NT	-80000.00	-14.260250	20	PASS
	Ant1	5690	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	5690	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	-14.059754	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5775	NV	NT	-80000.00	-13.852814	20	PASS
			LV	NT	-80000.00	-13.852814	20	PASS
			HV	NT	-80000.00	-13.852814	20	PASS
	Ant2	5775	NV	NT	-80000.00	-13.852814	20	PASS
			LV	NT	-80000.00	-13.852814	20	PASS
			HV	NT	-80000.00	-13.852814	20	PASS

Temperature								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	0	-80000.00	-15.444015	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-60000.00	-11.583012	20	PASS
			NV	30	-80000.00	-15.444015	20	PASS
			NV	40	-60000.00	-11.583012	20	PASS
			NV	50	-80000.00	-15.444015	20	PASS
	Ant2	5180	NV	0	-60000.00	-11.583012	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-80000.00	-15.444015	20	PASS
			NV	30	-80000.00	-15.444015	20	PASS
			NV	40	-80000.00	-15.444015	20	PASS
			NV	50	-80000.00	-15.444015	20	PASS
	Ant1	5200	NV	0	-60000.00	-11.538462	20	PASS
			NV	10	-60000.00	-11.538462	20	PASS
			NV	20	-60000.00	-11.538462	20	PASS
			NV	30	-80000.00	-15.384615	20	PASS
			NV	40	-60000.00	-11.538462	20	PASS
			NV	50	-60000.00	-11.538462	20	PASS
	Ant2	5200	NV	0	-40000.00	-7.692308	20	PASS
			NV	10	-80000.00	-15.384615	20	PASS

			NV	20	-60000.00	-11.538462	20	PASS
			NV	30	-60000.00	-11.538462	20	PASS
			NV	40	-80000.00	-15.384615	20	PASS
			NV	50	-80000.00	-15.384615	20	PASS
	Ant1	5240	NV	0	-60000.00	-11.450382	20	PASS
			NV	10	-60000.00	-11.450382	20	PASS
			NV	20	-60000.00	-11.450382	20	PASS
			NV	30	-60000.00	-11.450382	20	PASS
			NV	40	-60000.00	-11.450382	20	PASS
			NV	50	-60000.00	-11.450382	20	PASS
	Ant2	5240	NV	0	-60000.00	-11.450382	20	PASS
			NV	10	-60000.00	-11.450382	20	PASS
			NV	20	-60000.00	-11.450382	20	PASS
			NV	30	-60000.00	-11.450382	20	PASS
			NV	40	-60000.00	-11.450382	20	PASS
			NV	50	-60000.00	-11.450382	20	PASS
	Ant1	5260	NV	0	-80000.00	-15.209125	20	PASS
			NV	10	-60000.00	-11.406844	20	PASS
			NV	20	-80000.00	-15.209125	20	PASS
			NV	30	-80000.00	-15.209125	20	PASS
			NV	40	-60000.00	-11.406844	20	PASS
			NV	50	-60000.00	-11.406844	20	PASS
	Ant2	5260	NV	0	-80000.00	-15.209125	20	PASS
			NV	10	-60000.00	-11.406844	20	PASS
			NV	20	-60000.00	-11.406844	20	PASS
			NV	30	-60000.00	-11.406844	20	PASS
			NV	40	-60000.00	-11.406844	20	PASS
			NV	50	-80000.00	-15.209125	20	PASS
	Ant1	5280	NV	0	-80000.00	-15.151515	20	PASS
			NV	10	-60000.00	-11.363636	20	PASS
			NV	20	-60000.00	-11.363636	20	PASS
			NV	30	-80000.00	-15.151515	20	PASS
			NV	40	-80000.00	-15.151515	20	PASS
			NV	50	-80000.00	-15.151515	20	PASS

	Ant2	5280	NV	0	-60000.00	-11.363636	20	PASS
			NV	10	-60000.00	-11.363636	20	PASS
			NV	20	-60000.00	-11.363636	20	PASS
			NV	30	-80000.00	-15.151515	20	PASS
			NV	40	-60000.00	-11.363636	20	PASS
			NV	50	-80000.00	-15.151515	20	PASS
	Ant1	5320	NV	0	-60000.00	-11.278195	20	PASS
			NV	10	-60000.00	-11.278195	20	PASS
			NV	20	-60000.00	-11.278195	20	PASS
			NV	30	-80000.00	-15.037594	20	PASS
			NV	40	-80000.00	-15.037594	20	PASS
			NV	50	-80000.00	-15.037594	20	PASS
	Ant2	5320	NV	0	-60000.00	-11.278195	20	PASS
			NV	10	-60000.00	-11.278195	20	PASS
			NV	20	-60000.00	-11.278195	20	PASS
			NV	30	-80000.00	-15.037594	20	PASS
			NV	40	-80000.00	-15.037594	20	PASS
			NV	50	-80000.00	-15.037594	20	PASS
	Ant1	5500	NV	0	-60000.00	-10.909091	20	PASS
			NV	10	-60000.00	-10.909091	20	PASS
			NV	20	-60000.00	-10.909091	20	PASS
			NV	30	-60000.00	-10.909091	20	PASS
			NV	40	-80000.00	-14.545455	20	PASS
			NV	50	-80000.00	-14.545455	20	PASS
	Ant2	5500	NV	0	-40000.00	-7.272727	20	PASS
			NV	10	-60000.00	-10.909091	20	PASS
			NV	20	-60000.00	-10.909091	20	PASS
			NV	30	-60000.00	-10.909091	20	PASS
			NV	40	-60000.00	-10.909091	20	PASS
			NV	50	-60000.00	-10.909091	20	PASS
	Ant1	5580	NV	0	-60000.00	-10.752688	20	PASS
			NV	10	-80000.00	-14.336918	20	PASS
			NV	20	-60000.00	-10.752688	20	PASS
			NV	30	-80000.00	-14.336918	20	PASS

			NV	40	-80000.00	-14.336918	20	PASS
			NV	50	-60000.00	-10.752688	20	PASS
	Ant2	5580	NV	0	-80000.00	-14.336918	20	PASS
			NV	10	-60000.00	-10.752688	20	PASS
			NV	20	-80000.00	-14.336918	20	PASS
			NV	30	-60000.00	-10.752688	20	PASS
			NV	40	-60000.00	-10.752688	20	PASS
			NV	50	-80000.00	-14.336918	20	PASS
	Ant1	5700	NV	0	-80000.00	-14.035088	20	PASS
			NV	10	-80000.00	-14.035088	20	PASS
			NV	20	-80000.00	-14.035088	20	PASS
			NV	30	-60000.00	-10.526316	20	PASS
			NV	40	-60000.00	-10.526316	20	PASS
			NV	50	-60000.00	-10.526316	20	PASS
	Ant2	5700	NV	0	-60000.00	-10.526316	20	PASS
			NV	10	-80000.00	-14.035088	20	PASS
			NV	20	-60000.00	-10.526316	20	PASS
			NV	30	-60000.00	-10.526316	20	PASS
			NV	40	-60000.00	-10.526316	20	PASS
			NV	50	-60000.00	-10.526316	20	PASS
	Ant1	5720	NV	0	-60000.00	-10.489510	20	PASS
			NV	10	-80000.00	-13.986014	20	PASS
			NV	20	-60000.00	-10.489510	20	PASS
			NV	30	-60000.00	-10.489510	20	PASS
			NV	40	-60000.00	-10.489510	20	PASS
			NV	50	-80000.00	-13.986014	20	PASS
	Ant2	5720	NV	0	-80000.00	-13.986014	20	PASS
			NV	10	-60000.00	-10.489510	20	PASS
			NV	20	-60000.00	-10.489510	20	PASS
			NV	30	-60000.00	-10.489510	20	PASS
			NV	40	-80000.00	-13.986014	20	PASS
			NV	50	-80000.00	-13.986014	20	PASS
	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
			NV	10	-80000.00	-13.925152	20	PASS

			NV	20	-60000.00	-10.443864	20	PASS
			NV	30	-60000.00	-10.443864	20	PASS
			NV	40	-80000.00	-13.925152	20	PASS
			NV	50	-80000.00	-13.925152	20	PASS
	Ant2	5745	NV	0	-80000.00	-13.925152	20	PASS
			NV	10	-60000.00	-10.443864	20	PASS
			NV	20	-80000.00	-13.925152	20	PASS
			NV	30	-80000.00	-13.925152	20	PASS
			NV	40	-60000.00	-10.443864	20	PASS
			NV	50	-60000.00	-10.443864	20	PASS
	Ant1	5785	NV	0	-80000.00	-13.828868	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	-60000.00	-10.371651	20	PASS
			NV	30	-80000.00	-13.828868	20	PASS
			NV	40	-60000.00	-10.371651	20	PASS
			NV	50	-60000.00	-10.371651	20	PASS
	Ant2	5785	NV	0	-80000.00	-13.828868	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	-60000.00	-10.371651	20	PASS
			NV	30	-80000.00	-13.828868	20	PASS
			NV	40	-60000.00	-10.371651	20	PASS
			NV	50	-80000.00	-13.828868	20	PASS
	Ant1	5825	NV	0	-80000.00	-13.733906	20	PASS
			NV	10	-60000.00	-10.300429	20	PASS
			NV	20	-80000.00	-13.733906	20	PASS
			NV	30	-60000.00	-10.300429	20	PASS
			NV	40	-80000.00	-13.733906	20	PASS
			NV	50	-80000.00	-13.733906	20	PASS
	Ant2	5825	NV	0	-80000.00	-13.733906	20	PASS
			NV	10	-80000.00	-13.733906	20	PASS
			NV	20	-80000.00	-13.733906	20	PASS
			NV	30	-60000.00	-10.300429	20	PASS
			NV	40	-60000.00	-10.300429	20	PASS
			NV	50	-60000.00	-10.300429	20	PASS

11N40MIMO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-80000.00	-15.414258	20	PASS
			NV	20	-80000.00	-15.414258	20	PASS
			NV	30	-80000.00	-15.414258	20	PASS
			NV	40	-40000.00	-7.707129	20	PASS
			NV	50	-80000.00	-15.414258	20	PASS
	Ant2	5190	NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-80000.00	-15.414258	20	PASS
			NV	20	-80000.00	-15.414258	20	PASS
			NV	30	-80000.00	-15.414258	20	PASS
			NV	40	-80000.00	-15.414258	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
	Ant1	5230	NV	0	-80000.00	-15.296367	20	PASS
			NV	10	-80000.00	-15.296367	20	PASS
			NV	20	-40000.00	-7.648184	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
			NV	40	-80000.00	-15.296367	20	PASS
			NV	50	-80000.00	-15.296367	20	PASS
	Ant2	5230	NV	0	-80000.00	-15.296367	20	PASS
			NV	10	-80000.00	-15.296367	20	PASS
			NV	20	-80000.00	-15.296367	20	PASS
			NV	30	-80000.00	-15.296367	20	PASS
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS
	Ant1	5270	NV	0	-40000.00	-7.590133	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	-80000.00	-15.180266	20	PASS
			NV	30	-80000.00	-15.180266	20	PASS
			NV	40	-80000.00	-15.180266	20	PASS
			NV	50	-80000.00	-15.180266	20	PASS
	Ant2	5270	NV	0	-40000.00	-7.590133	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	-80000.00	-15.180266	20	PASS
			NV	30	-40000.00	-7.590133	20	PASS

			NV	40	-40000.00	-7.590133	20	PASS
			NV	50	-80000.00	-15.180266	20	PASS
	Ant1	5310	NV	0	-80000.00	-15.065913	20	PASS
			NV	10	-80000.00	-15.065913	20	PASS
			NV	20	-80000.00	-15.065913	20	PASS
			NV	30	-80000.00	-15.065913	20	PASS
			NV	40	-80000.00	-15.065913	20	PASS
			NV	50	-40000.00	-7.532957	20	PASS
	Ant2	5310	NV	0	-80000.00	-15.065913	20	PASS
			NV	10	-80000.00	-15.065913	20	PASS
			NV	20	-80000.00	-15.065913	20	PASS
			NV	30	-80000.00	-15.065913	20	PASS
			NV	40	-80000.00	-15.065913	20	PASS
			NV	50	-80000.00	-15.065913	20	PASS
	Ant1	5510	NV	0	-40000.00	-7.259528	20	PASS
			NV	10	-80000.00	-14.519056	20	PASS
			NV	20	-80000.00	-14.519056	20	PASS
			NV	30	-80000.00	-14.519056	20	PASS
			NV	40	-80000.00	-14.519056	20	PASS
			NV	50	-40000.00	-7.259528	20	PASS
	Ant2	5510	NV	0	-80000.00	-14.519056	20	PASS
			NV	10	-80000.00	-14.519056	20	PASS
			NV	20	-80000.00	-14.519056	20	PASS
			NV	30	-80000.00	-14.519056	20	PASS
			NV	40	-80000.00	-14.519056	20	PASS
			NV	50	-80000.00	-14.519056	20	PASS
	Ant1	5550	NV	0	-80000.00	-14.414414	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	-80000.00	-14.414414	20	PASS
			NV	30	-80000.00	-14.414414	20	PASS
			NV	40	-80000.00	-14.414414	20	PASS
			NV	50	-80000.00	-14.414414	20	PASS
	Ant2	5550	NV	0	-80000.00	-14.414414	20	PASS
			NV	10	-80000.00	-14.414414	20	PASS

			NV	20	-80000.00	-14.414414	20	PASS
			NV	30	-80000.00	-14.414414	20	PASS
			NV	40	-80000.00	-14.414414	20	PASS
			NV	50	-80000.00	-14.414414	20	PASS
	Ant1	5670	NV	0	-80000.00	-14.109347	20	PASS
			NV	10	-80000.00	-14.109347	20	PASS
			NV	20	-80000.00	-14.109347	20	PASS
			NV	30	-80000.00	-14.109347	20	PASS
			NV	40	-80000.00	-14.109347	20	PASS
			NV	50	-80000.00	-14.109347	20	PASS
	Ant2	5670	NV	0	-80000.00	-14.109347	20	PASS
			NV	10	-80000.00	-14.109347	20	PASS
			NV	20	-40000.00	-7.054674	20	PASS
			NV	30	-80000.00	-14.109347	20	PASS
			NV	40	-80000.00	-14.109347	20	PASS
			NV	50	-80000.00	-14.109347	20	PASS
	Ant1	5710	NV	0	-40000.00	-7.005254	20	PASS
			NV	10	-80000.00	-14.010508	20	PASS
			NV	20	-80000.00	-14.010508	20	PASS
			NV	30	-40000.00	-7.005254	20	PASS
			NV	40	-80000.00	-14.010508	20	PASS
			NV	50	-80000.00	-14.010508	20	PASS
	Ant2	5710	NV	0	-80000.00	-14.010508	20	PASS
			NV	10	-80000.00	-14.010508	20	PASS
			NV	20	-80000.00	-14.010508	20	PASS
			NV	30	-80000.00	-14.010508	20	PASS
			NV	40	-80000.00	-14.010508	20	PASS
			NV	50	-80000.00	-14.010508	20	PASS
	Ant1	5755	NV	0	-80000.00	-13.900956	20	PASS
			NV	10	-80000.00	-13.900956	20	PASS
			NV	20	-80000.00	-13.900956	20	PASS
			NV	30	-80000.00	-13.900956	20	PASS
			NV	40	-80000.00	-13.900956	20	PASS
			NV	50	-80000.00	-13.900956	20	PASS

	Ant2	5755	NV	0	-80000.00	-13.900956	20	PASS
			NV	10	-80000.00	-13.900956	20	PASS
			NV	20	-80000.00	-13.900956	20	PASS
			NV	30	-80000.00	-13.900956	20	PASS
			NV	40	-80000.00	-13.900956	20	PASS
			NV	50	-80000.00	-13.900956	20	PASS
	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	-80000.00	-13.805004	20	PASS
			NV	30	-80000.00	-13.805004	20	PASS
			NV	40	-80000.00	-13.805004	20	PASS
			NV	50	-40000.00	-6.902502	20	PASS
	Ant2	5795	NV	0	-80000.00	-13.805004	20	PASS
			NV	10	-80000.00	-13.805004	20	PASS
			NV	20	-80000.00	-13.805004	20	PASS
			NV	30	-80000.00	-13.805004	20	PASS
			NV	40	-80000.00	-13.805004	20	PASS
			NV	50	-80000.00	-13.805004	20	PASS
11AC80MIMO	Ant1	5210	NV	0	-80000.00	-15.355086	20	PASS
			NV	10	-80000.00	-15.355086	20	PASS
			NV	20	-80000.00	-15.355086	20	PASS
			NV	30	-80000.00	-15.355086	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5210	NV	0	-80000.00	-15.355086	20	PASS
			NV	10	-80000.00	-15.355086	20	PASS
			NV	20	-80000.00	-15.355086	20	PASS
			NV	30	-80000.00	-15.355086	20	PASS
			NV	40	-80000.00	-15.355086	20	PASS
			NV	50	-80000.00	-15.355086	20	PASS
	Ant1	5290	NV	0	-80000.00	-15.122873	20	PASS
			NV	10	-80000.00	-15.122873	20	PASS
			NV	20	-80000.00	-15.122873	20	PASS
			NV	30	-80000.00	-15.122873	20	PASS

			NV	40	-80000.00	-15.122873	20	PASS
			NV	50	-80000.00	-15.122873	20	PASS
	Ant2	5290	NV	0	-80000.00	-15.122873	20	PASS
			NV	10	-80000.00	-15.122873	20	PASS
			NV	20	-80000.00	-15.122873	20	PASS
			NV	30	-80000.00	-15.122873	20	PASS
			NV	40	-80000.00	-15.122873	20	PASS
			NV	50	-80000.00	-15.122873	20	PASS
	Ant1	5530	NV	0	-80000.00	-14.466546	20	PASS
			NV	10	-80000.00	-14.466546	20	PASS
			NV	20	-80000.00	-14.466546	20	PASS
			NV	30	-80000.00	-14.466546	20	PASS
			NV	40	-80000.00	-14.466546	20	PASS
			NV	50	-80000.00	-14.466546	20	PASS
	Ant2	5530	NV	0	-80000.00	-14.466546	20	PASS
			NV	10	-80000.00	-14.466546	20	PASS
			NV	20	-80000.00	-14.466546	20	PASS
			NV	30	-80000.00	-14.466546	20	PASS
			NV	40	-80000.00	-14.466546	20	PASS
			NV	50	-80000.00	-14.466546	20	PASS
	Ant1	5610	NV	0	-80000.00	-14.260250	20	PASS
			NV	10	-80000.00	-14.260250	20	PASS
			NV	20	-80000.00	-14.260250	20	PASS
			NV	30	80000.00	14.260250	20	PASS
			NV	40	-80000.00	-14.260250	20	PASS
			NV	50	-80000.00	-14.260250	20	PASS
	Ant2	5610	NV	0	-80000.00	-14.260250	20	PASS
			NV	10	-80000.00	-14.260250	20	PASS
			NV	20	-80000.00	-14.260250	20	PASS
			NV	30	-80000.00	-14.260250	20	PASS
			NV	40	-80000.00	-14.260250	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5690	NV	0	-80000.00	-14.059754	20	PASS
			NV	10	-80000.00	-14.059754	20	PASS

			NV	20	-80000.00	-14.059754	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-80000.00	-14.059754	20	PASS
			NV	50	80000.00	14.059754	20	PASS
	Ant2	5690	NV	0	80000.00	14.059754	20	PASS
			NV	10	80000.00	14.059754	20	PASS
			NV	20	-80000.00	-14.059754	20	PASS
			NV	30	-80000.00	-14.059754	20	PASS
			NV	40	-80000.00	-14.059754	20	PASS
			NV	50	-80000.00	-14.059754	20	PASS
	Ant1	5775	NV	0	80000.00	13.852814	20	PASS
			NV	10	-80000.00	-13.852814	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.00	-13.852814	20	PASS
			NV	40	-80000.00	-13.852814	20	PASS
			NV	50	-80000.00	-13.852814	20	PASS
	Ant2	5775	NV	0	-80000.00	-13.852814	20	PASS
			NV	10	-80000.00	-13.852814	20	PASS
			NV	20	-80000.00	-13.852814	20	PASS
			NV	30	-80000.00	-13.852814	20	PASS
			NV	40	-80000.00	-13.852814	20	PASS
			NV	50	-80000.00	-13.852814	20	PASS

11. Dynamic Frequency Selection

11.1. Applicability of DFS requirements

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	☐Master	☒Client Without Radar Detection	☐Client with Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

11.2. Limit

(1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

11.3. Parameters of radar test waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A Test B	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4

11.4. Calibration of radar waveform

Radar Waveform Calibration Procedure:

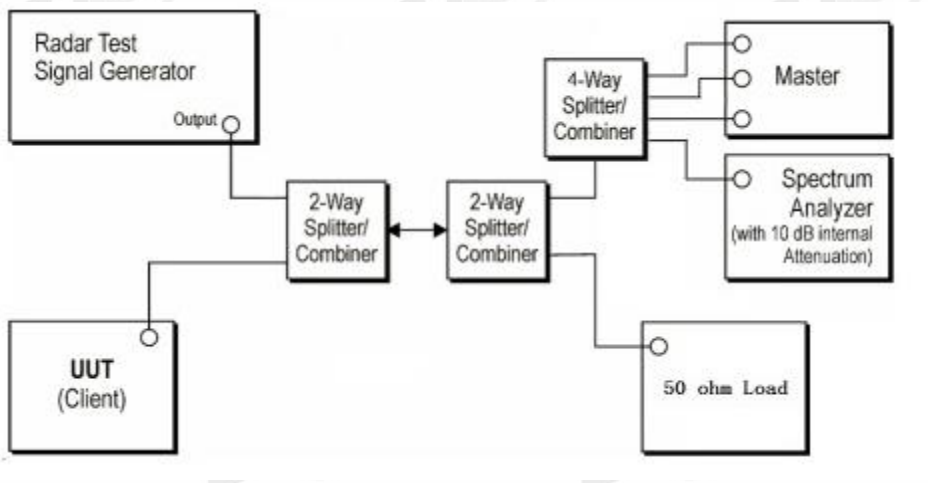
(1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master

(2) The interference Radar Detection Threshold Level is -62dBm + 0dBi +1dB = -61dBm that had been taken into account the output power range and antenna gain.

(3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.

(4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was - -62dBm + 0dBi +1dB = -61dBm. Capture the spectrum analyzer plots on short pulse radar waveform.

Conducted Calibration Setup:



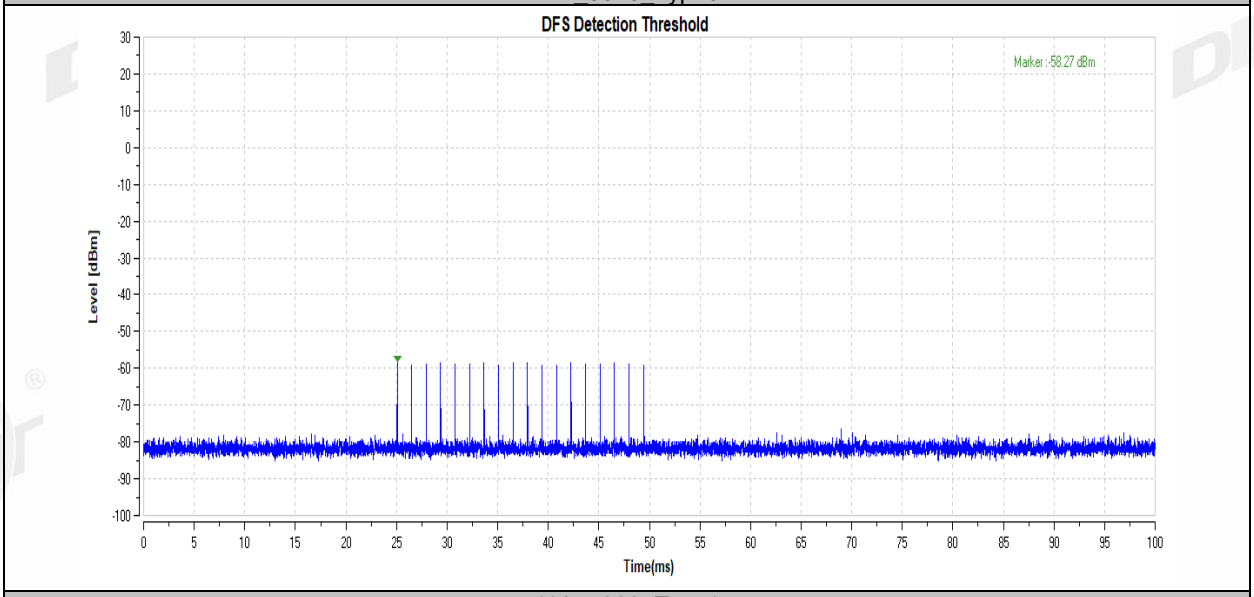
Note: 1. Use the software "Web" to set the frequency channel.

2. EUT is not support TPC and not with Radar detection.

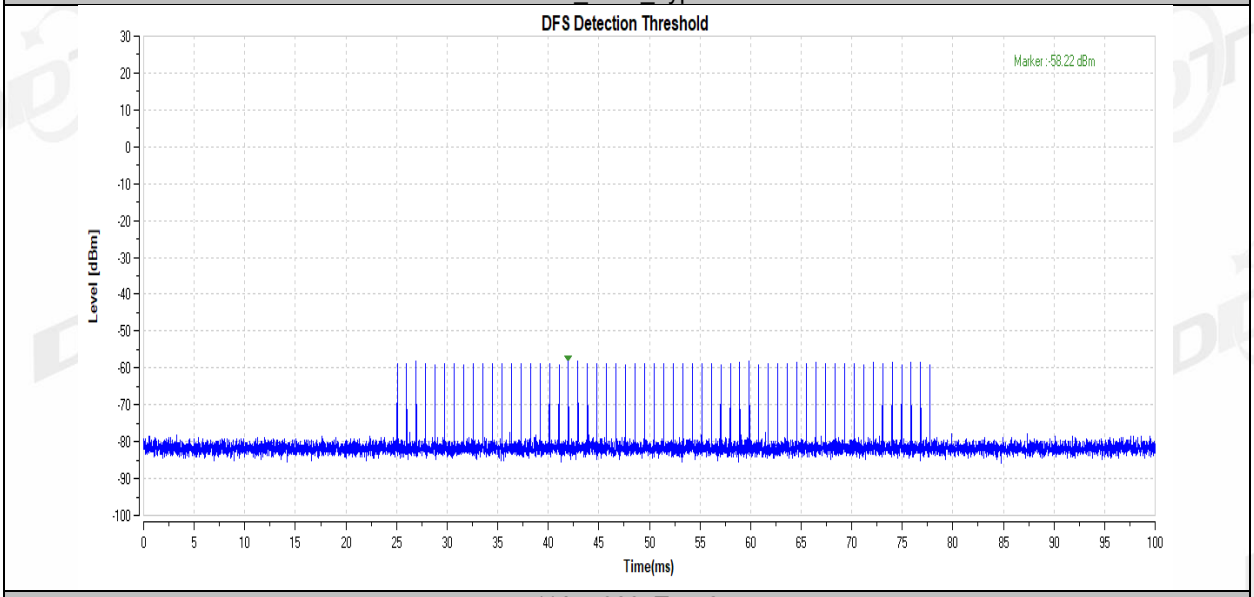
Radar Waveform Calibration Result:

Test Mode	Frequency [MHz]	Radar Type	Result	Limit [dbm]	Verdict
11A	5320	Type0	-58.27	-58.13	PASS
		Type1	-58.22	-58.13	PASS
		Type2	-58.20	-58.13	PASS
		Type3	-58.52	-58.13	PASS
		Type4	-58.41	-58.13	PASS
		Type5	-58.27	-58.13	PASS
		Type6	-58.21	-58.13	PASS
11AX80MIMO	5530	Type0	-58.32	-58.13	PASS
		Type1	-58.14	-58.13	PASS
		Type2	-58.41	-58.13	PASS
		Type3	-58.44	-58.13	PASS
		Type4	-58.45	-58.13	PASS
		Type5	-58.60	-58.13	PASS
		Type6	-58.32	-58.13	PASS

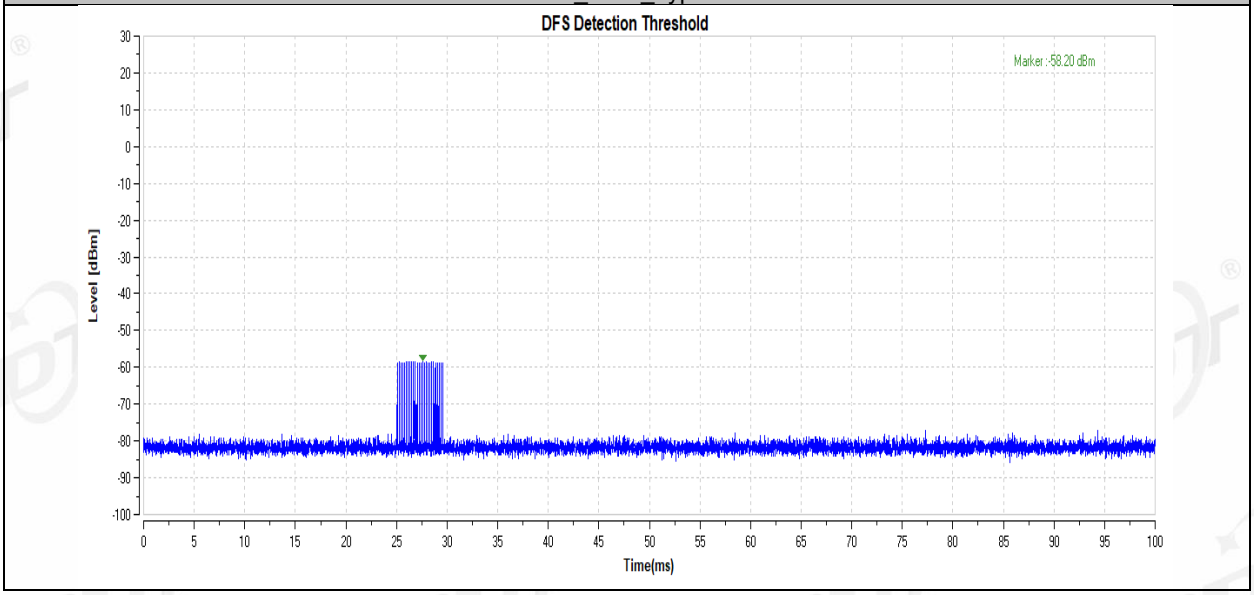
11A_5320_Type0



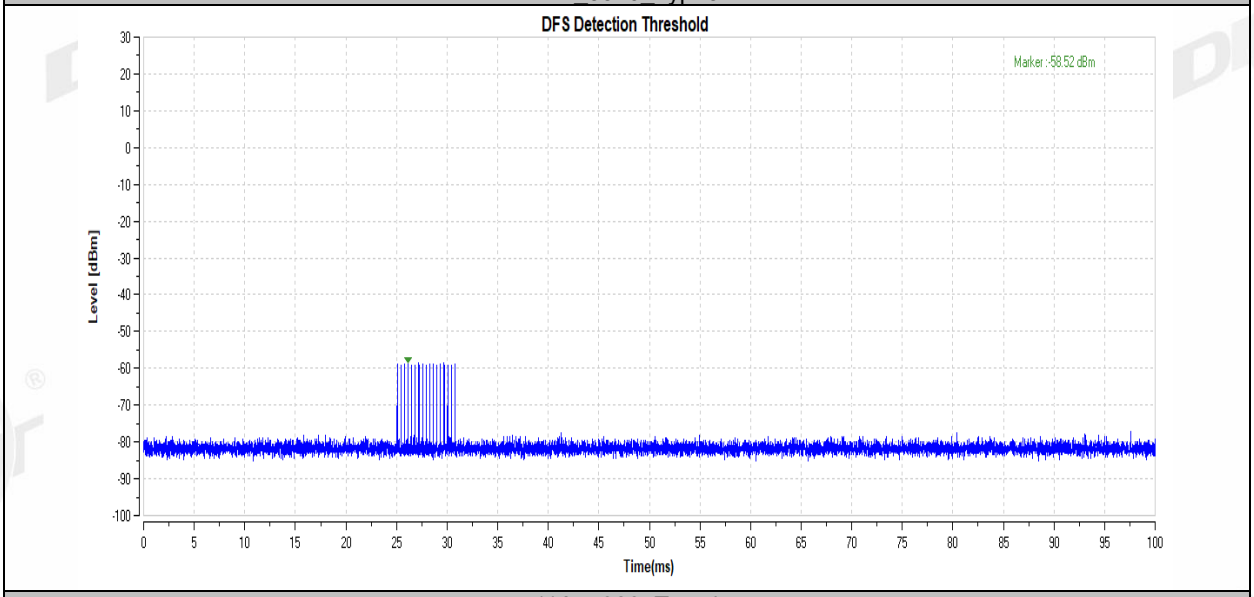
11A_5320_Type1



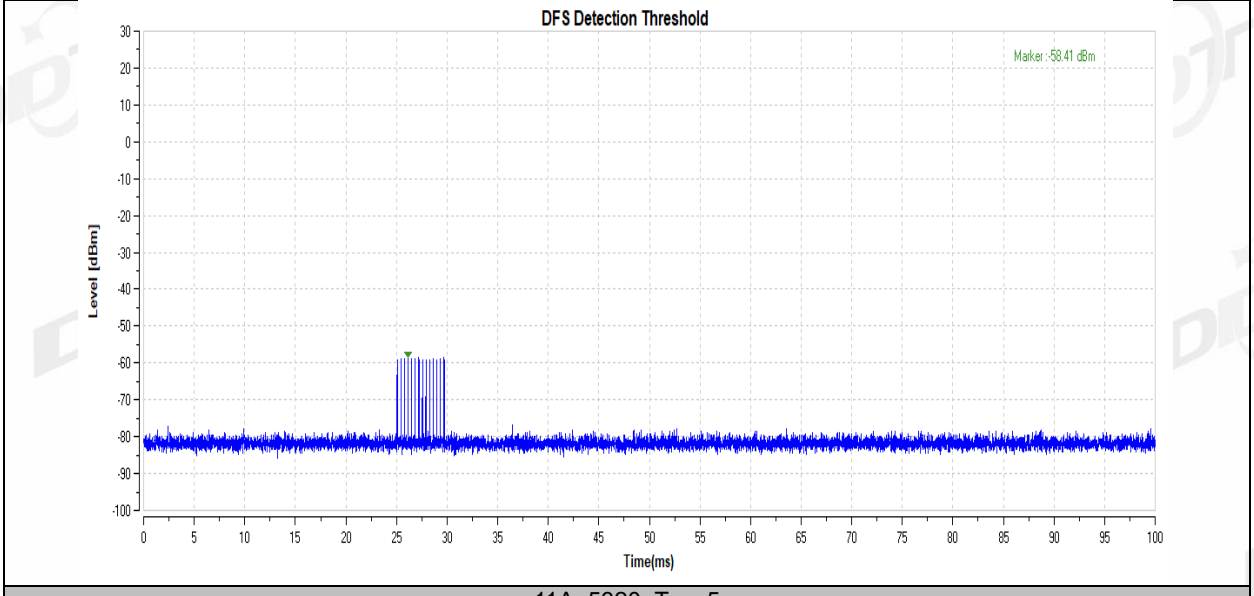
11A_5320_Type2



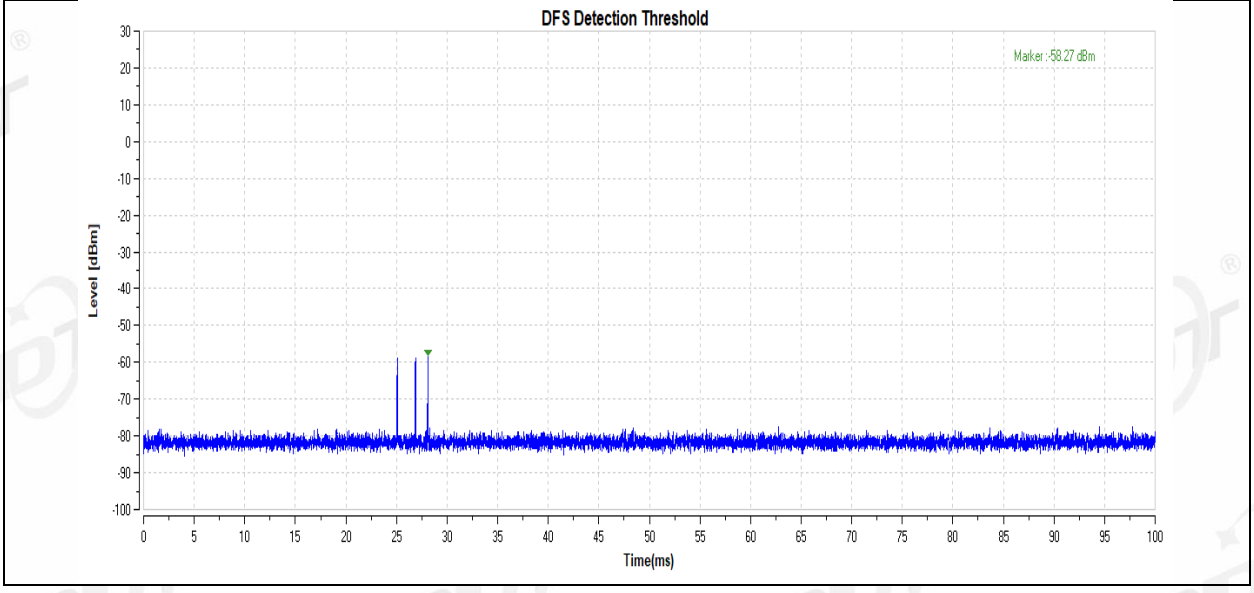
11A_5320_Type3



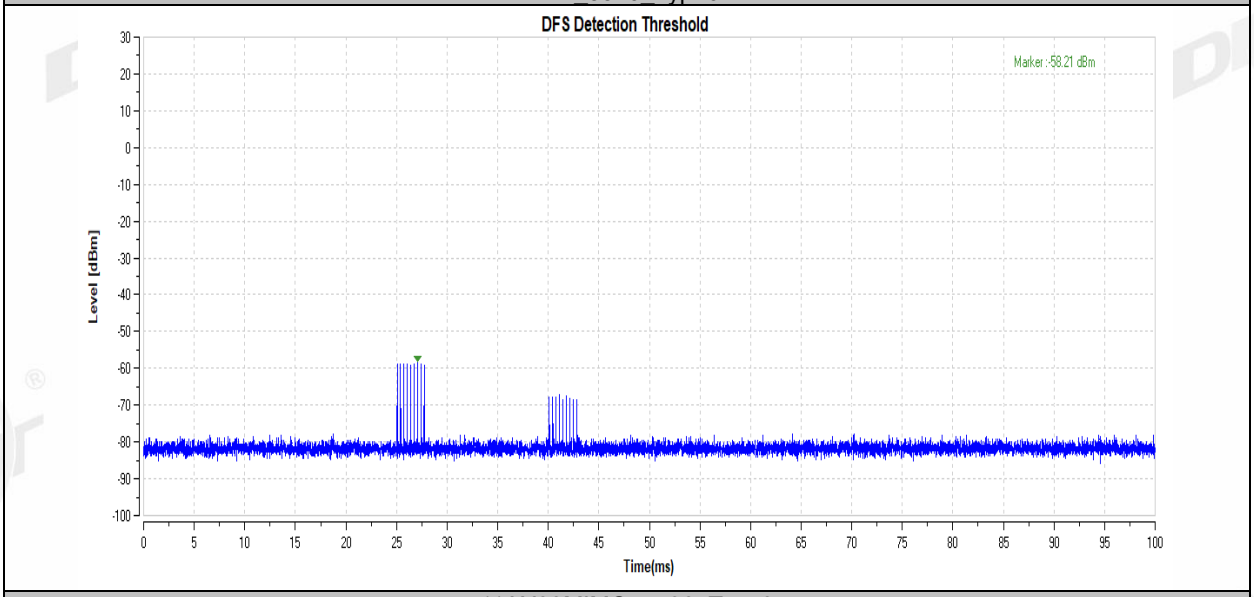
11A_5320_Type4



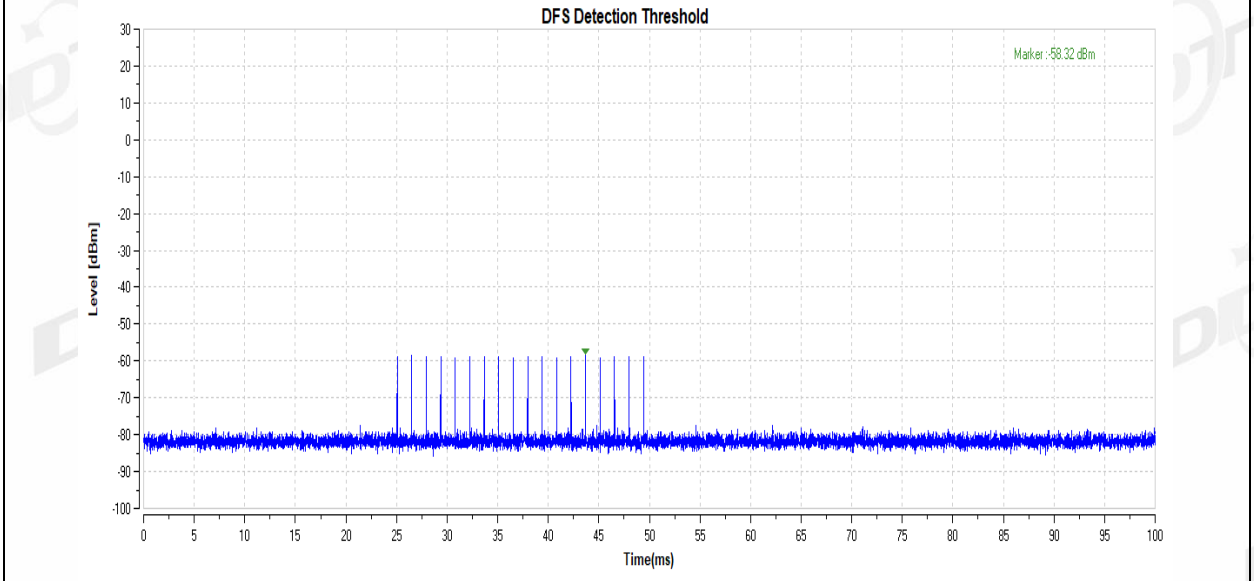
11A_5320_Type5



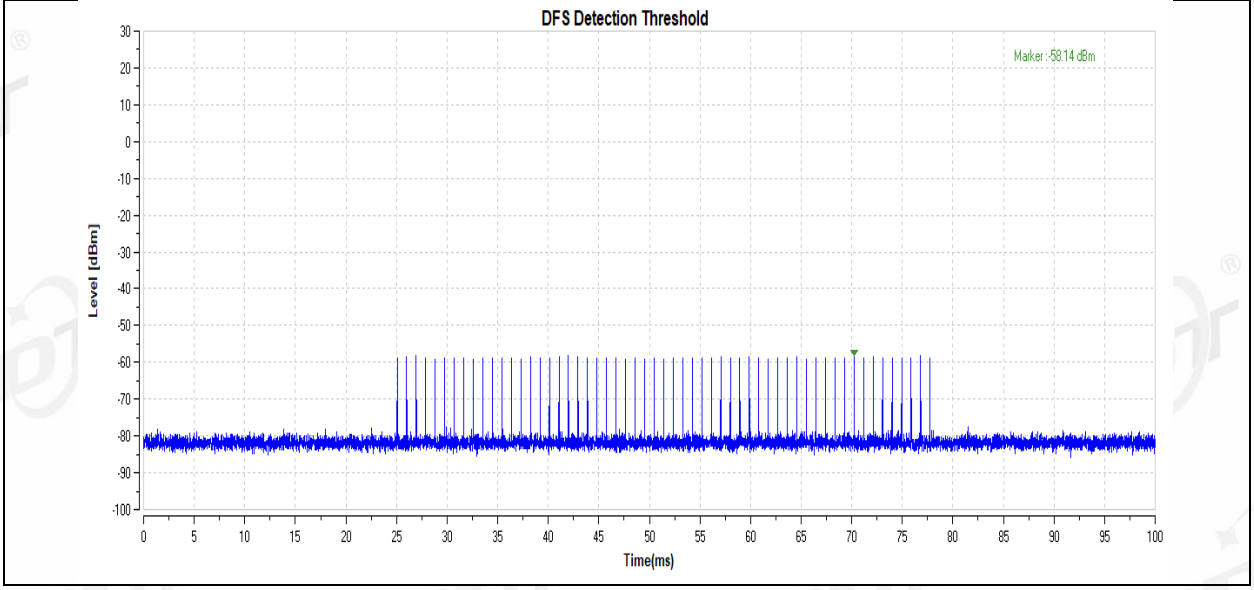
11A_5320_Type6



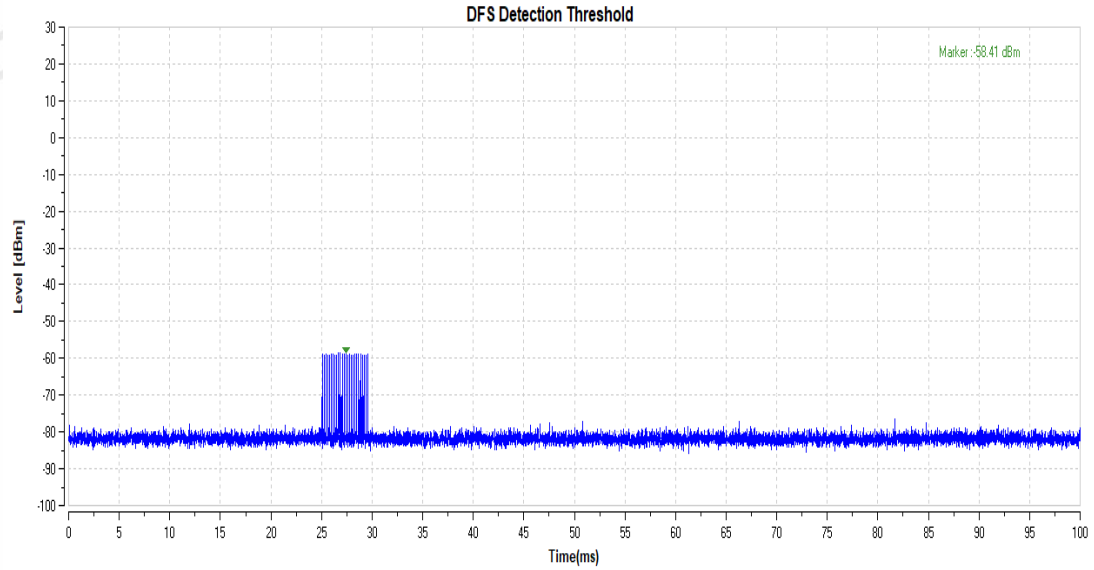
11AX80MIMO_5530_Type0



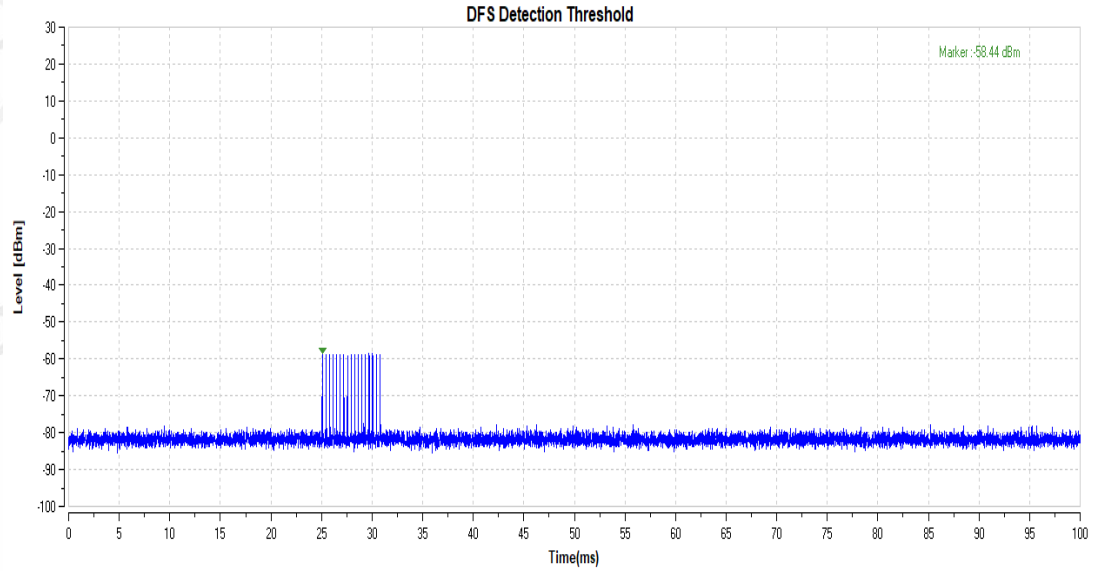
11AX80MIMO_5530_Type1



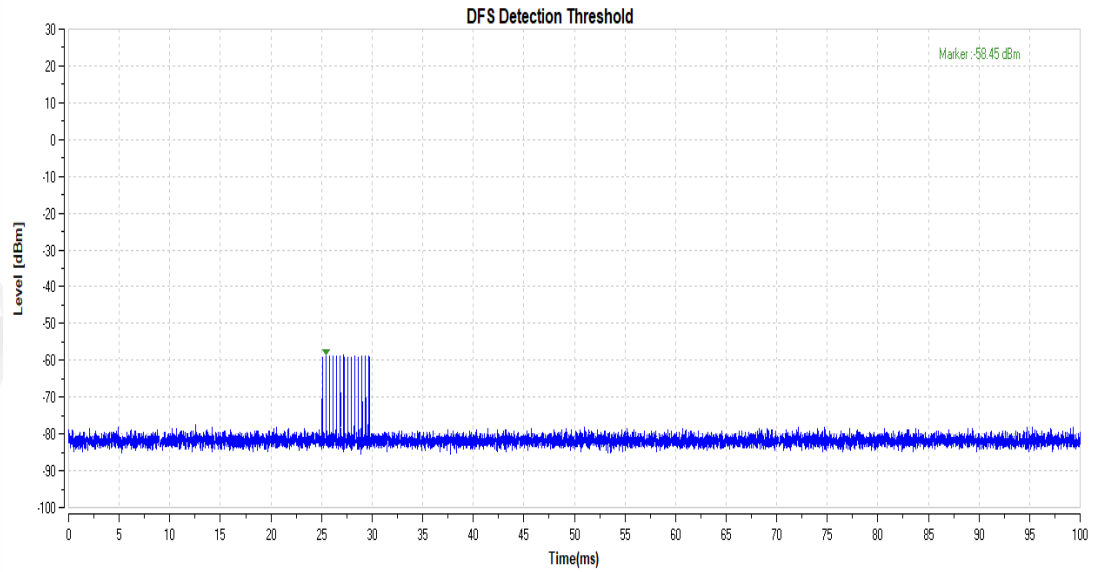
11AX80MIMO_5530_Type2



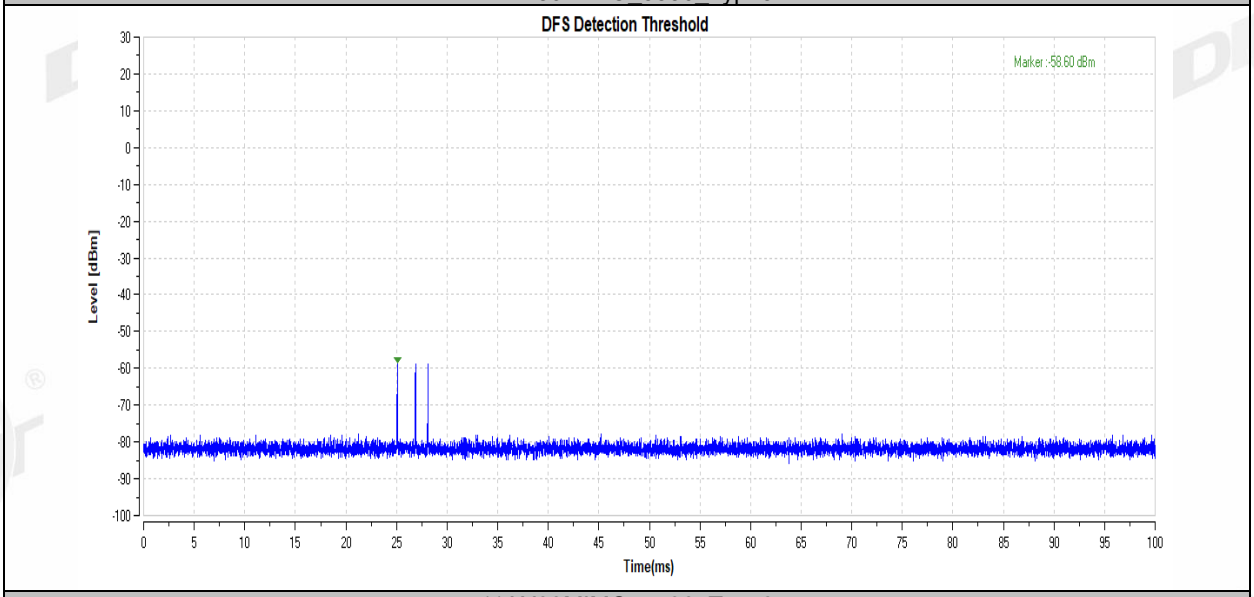
11AX80MIMO_5530_Type3



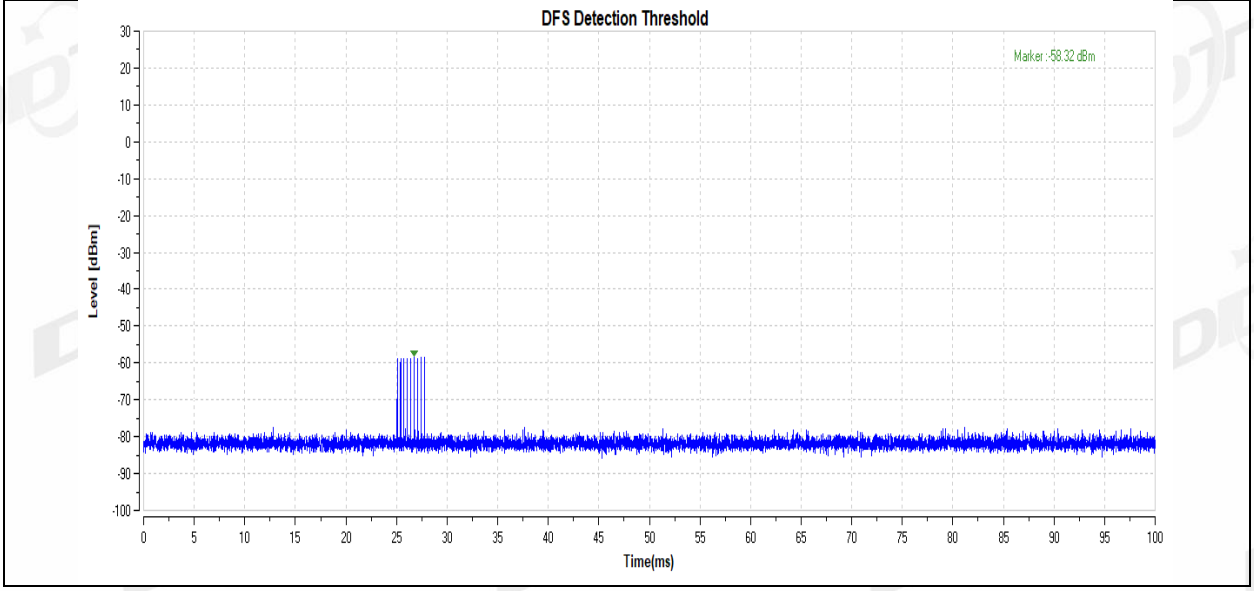
11AX80MIMO_5530_Type4



11AX80MIMO_5530_Type5



11AX80MIMO_5530_Type6



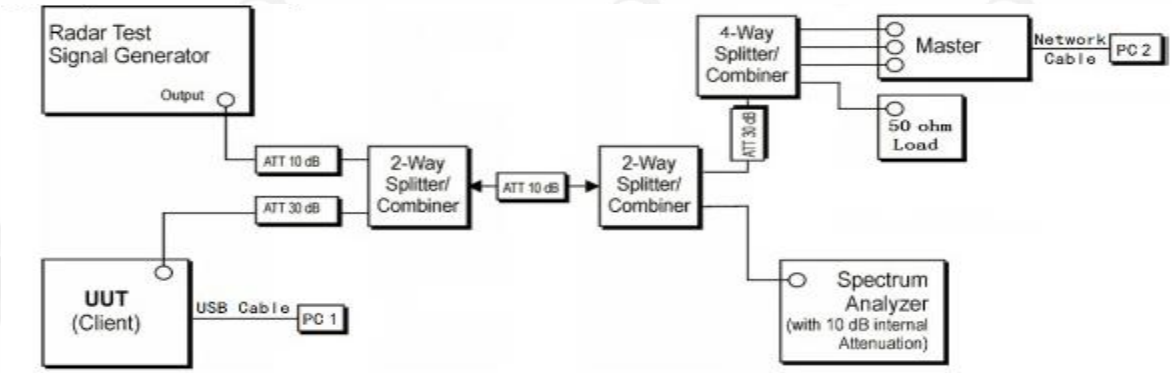
11.5. Channel closing transmission time, channel move time and non-occupancy period

Block diagram of test setup Test Procedure:

(1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
(2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
(3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
(4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Test Software in order to properly load the network for the entire period of the test.
(5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
(6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
(7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the
(8) spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
(9) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

11.6. Test setup

Setup for Client with injection at the Master



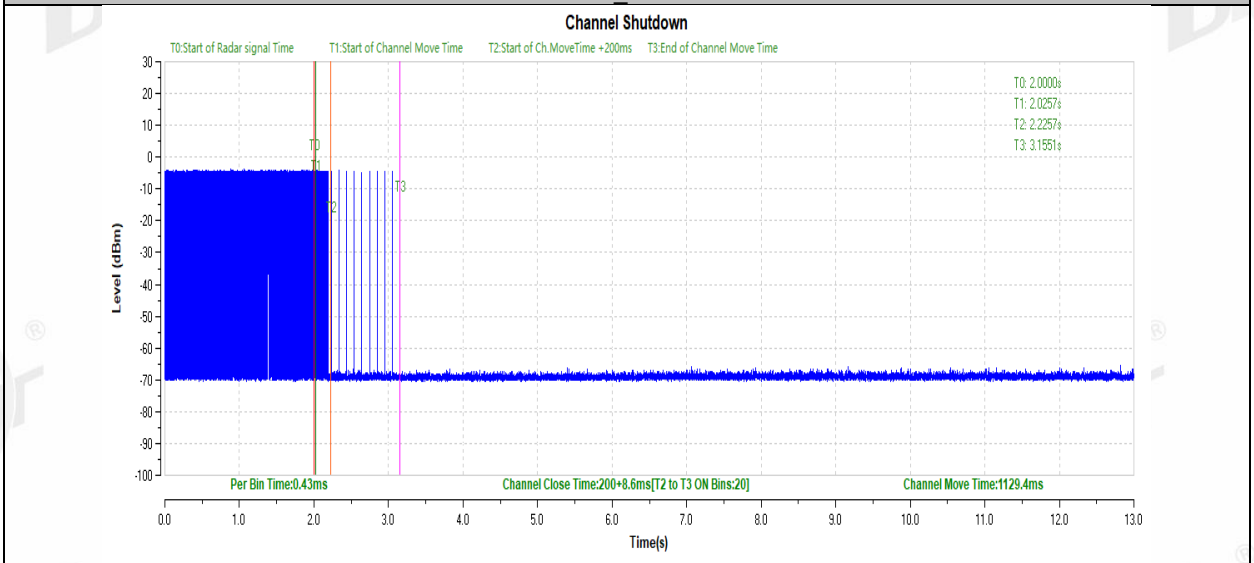
11.7. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	23.9 ℃,43.2 %RH	Test Date:	2024.12.18-2024.12.18
Test Power Supply:	AC 230V/50Hz	Sample Number:	S24111416-005

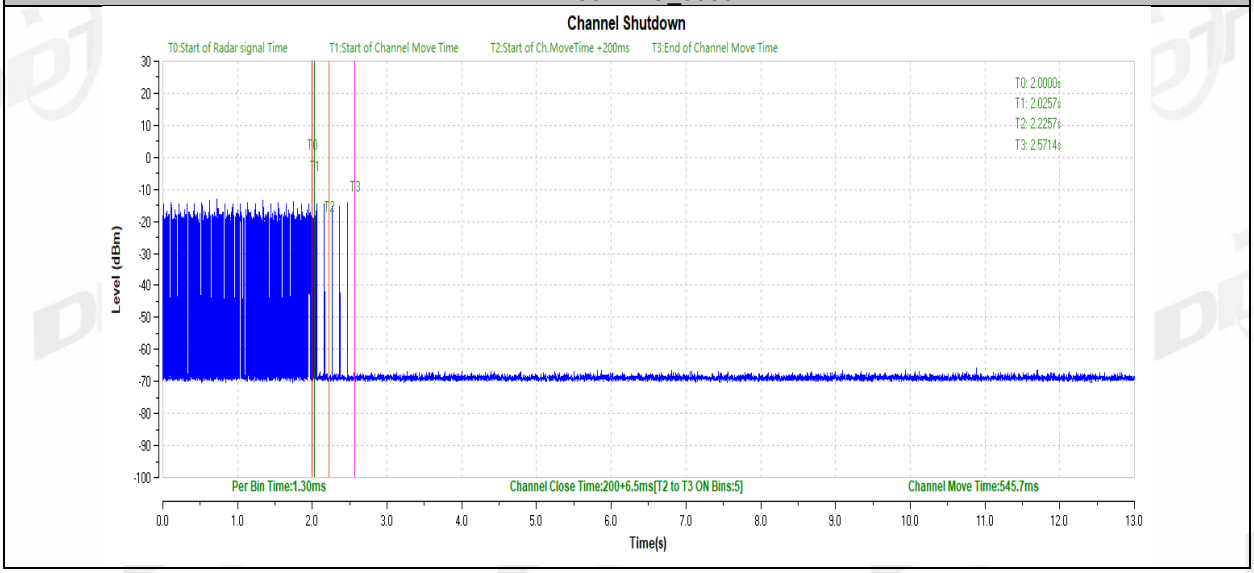
Test Mode	Frequency [MHz]	CCTT [ms]	Limit [ms]	CMT [ms]	Limit [ms]	Verdict
11A	5320	200+8.6	200+60	1129.4	10000	PASS
11AX80MIMO	5530	200+9.1	200+60	545.7	10000	PASS

Test plots as follows:

11A_5320



11AX80MIMO_5530



12. Antenna Requirements

12.1. 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.

For intentional device, according to RSS-Gen issue 5 section 6.8.
The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

12.2. Result

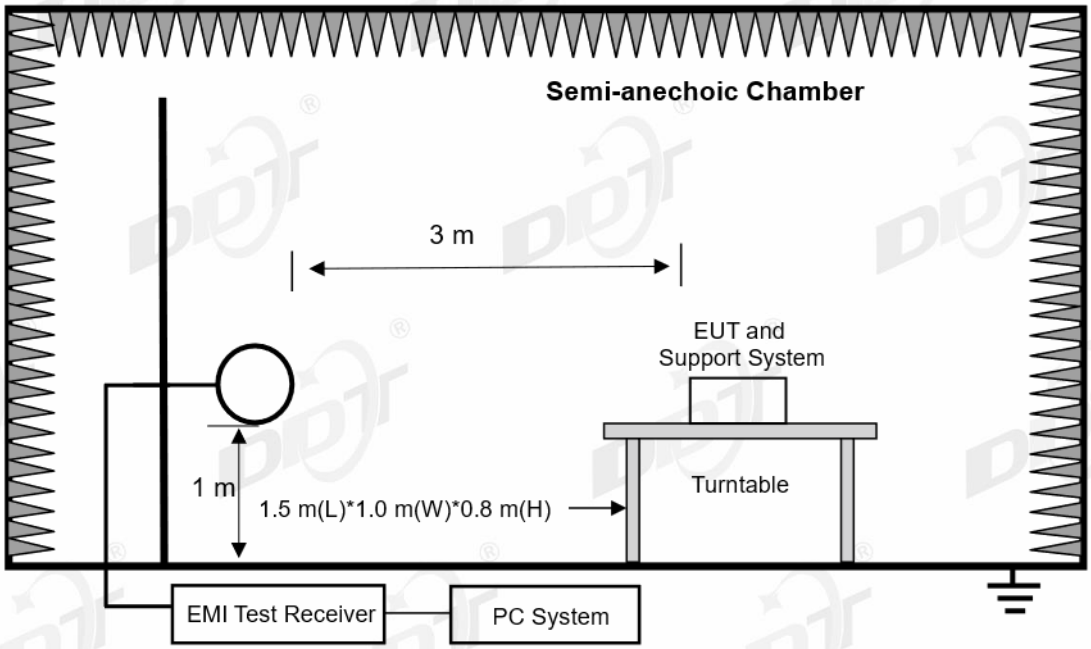
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

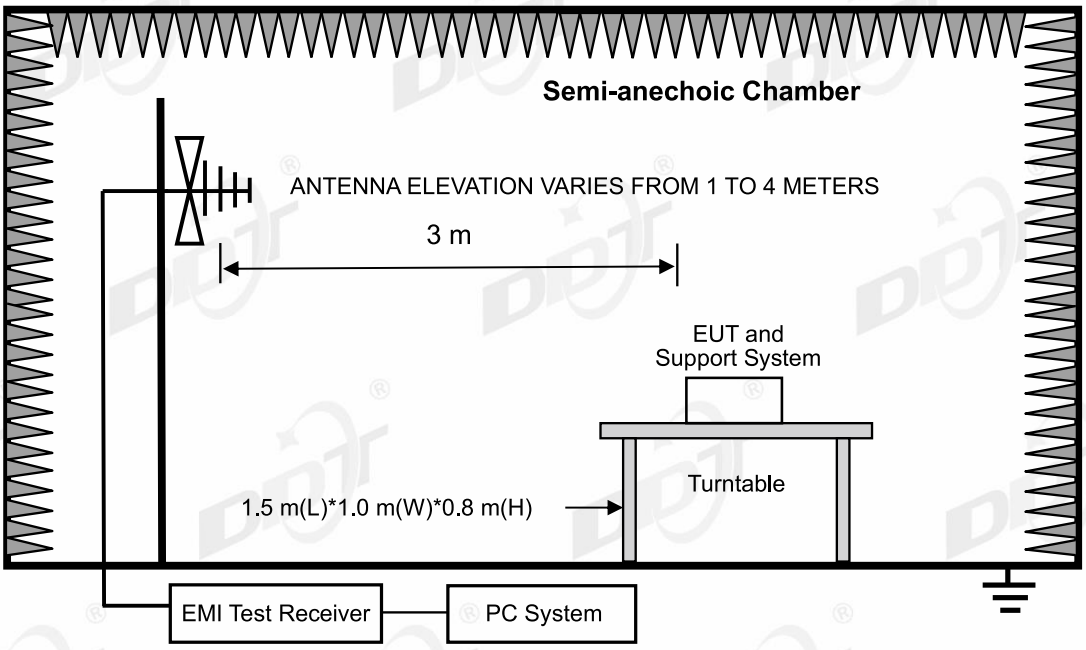
13.Radiated Emission

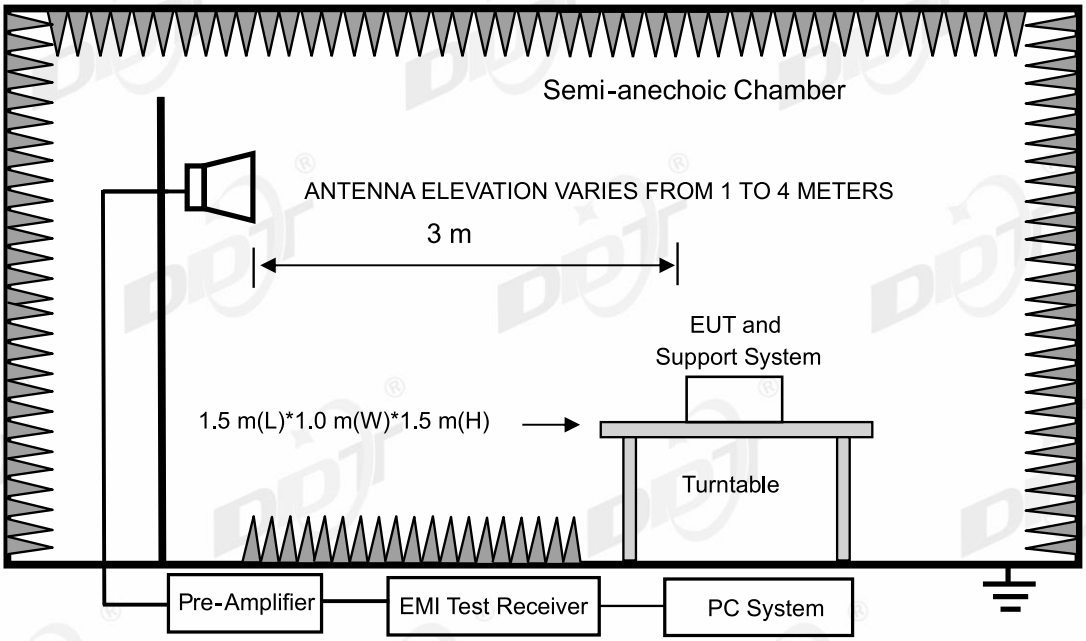
13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11	2 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31	1 Year
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11	2 Year
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18	2 Year
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31	1 Year

13.2. Block diagram of test setup







13.3. 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

RSS-Gen section 8.10 Restricted frequency bands*

MHz	**MHz**	**MHz**	**GHz**
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4
0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit & RSS-Gen section 8.9 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/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 dBuV/m (Peak) 54.0 dBuV/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:

$Limit_{3m}$(dBuV/m)= $Limit_{30m}$(dBuV/m) + 40Log(30m/3m)

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits.

13.4. Assistant equipment used for test

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

13.5. 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 C63.10:2020 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 trilog 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 C63.10:2020 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 C63.10:2020 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.

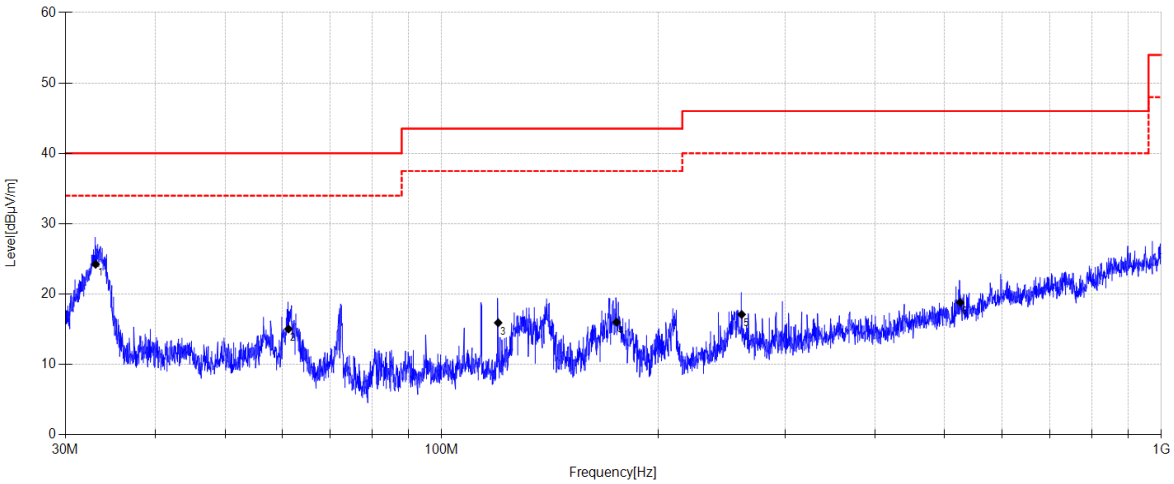
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-11-27	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	5GWIFI mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC BELOW 1G\20241127-234628_H		
Memo:			



Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable Loss [dB]**	**Result [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	33.048	40.63	10.93	3.78	24.24	40.00	15.76	QP	Horizontal
2	61.252	29.67	12.50	3.97	15.04	40.00	24.96	QP	Horizontal
3	119.822	32.75	9.96	4.33	15.92	43.50	27.58	QP	Horizontal
4	174.975	33.35	9.20	4.62	16.00	43.50	27.50	QP	Horizontal
5	261.128	31.83	11.55	5.04	17.10	46.00	28.90	QP	Horizontal
6	525.358	26.71	17.51	6.09	18.81	46.00	27.19	QP	Horizontal

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:	2024-11-27	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	5GWIFI mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
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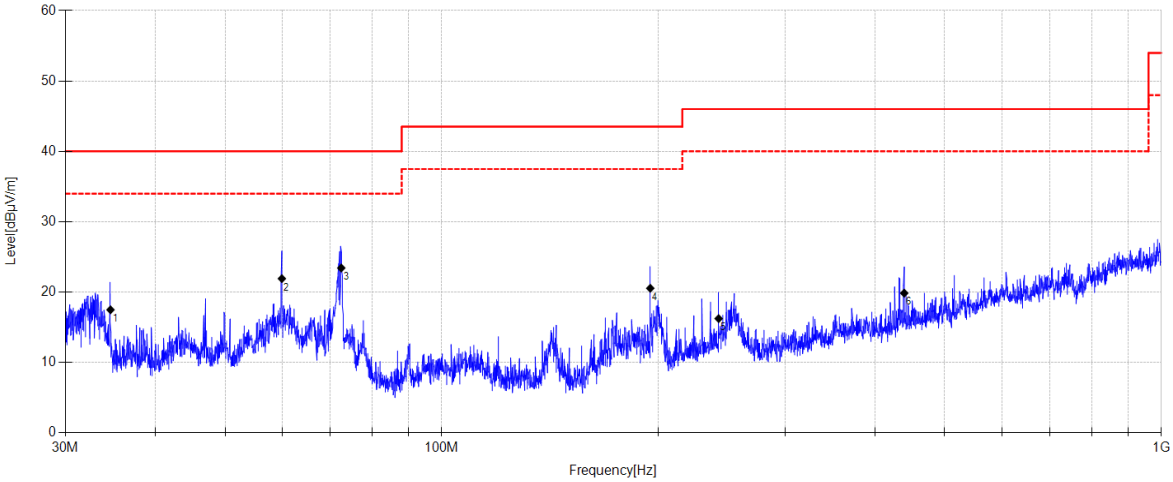


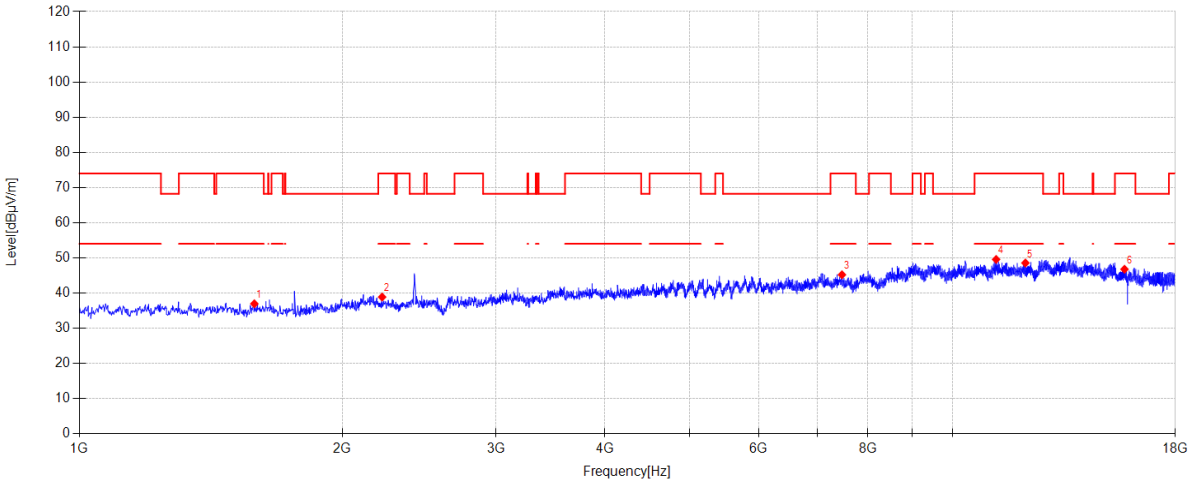
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable Loss [dB]**	**Result [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	34.662	33.21	11.58	3.79	17.48	40.00	22.52	QP	Vertical
2	59.977	36.26	12.79	3.96	21.91	40.00	18.09	QP	Vertical
3	72.528	41.09	9.39	4.04	23.42	40.00	16.58	QP	Vertical
4	194.927	37.51	9.49	4.73	20.54	43.50	22.96	QP	Vertical
5	242.594	30.92	11.64	4.96	16.23	46.00	29.77	QP	Vertical
6	439.343	29.46	16.09	5.77	19.85	46.00	26.15	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5180MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\11		
Memo:			

Test Graph



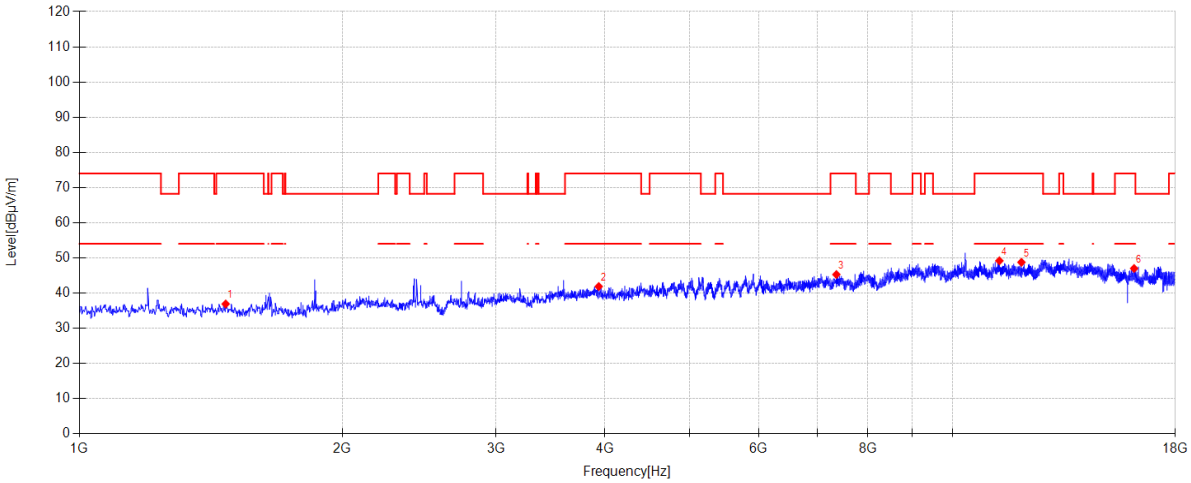
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	1586.500	46.21	25.38	2.95	-37.58	36.96	74.00	37.04	PK	Horizontal
2	2222.300	46.29	27.58	3.47	-38.46	38.88	74.00	35.12	PK	Horizontal
3	7471.900	42.99	36.56	6.24	-40.58	45.21	74.00	28.79	PK	Horizontal
4	11220.400	42.08	39.20	7.51	-39.22	49.57	74.00	24.43	PK	Horizontal
5	12121.400	41.20	39.30	8.04	-39.98	48.56	74.00	25.44	PK	Horizontal
6	15740.700	38.93	38.42	8.83	-39.40	46.78	74.00	27.22	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5180MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\12		
Memo:			

Test Graph



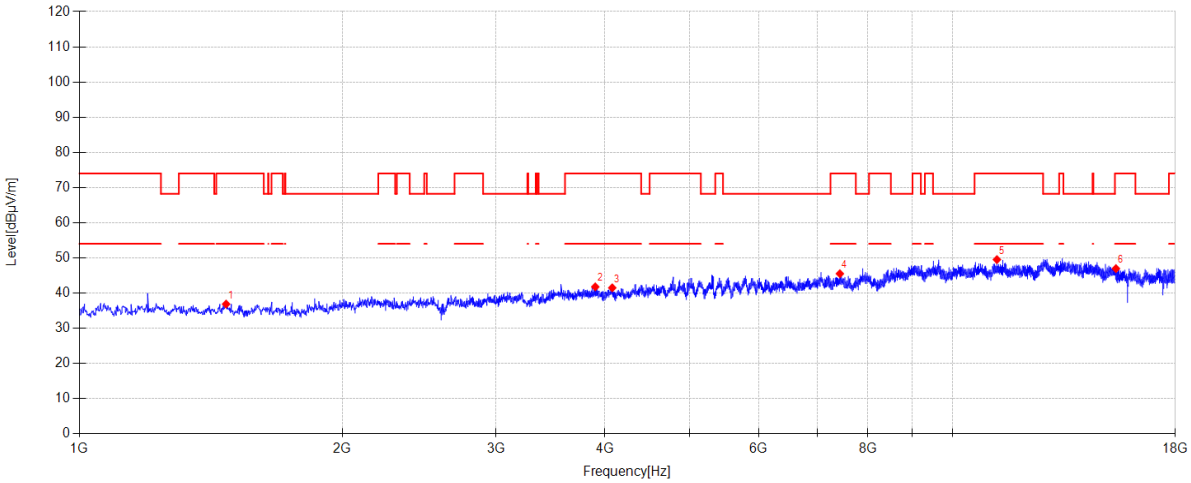
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	1470.900	46.11	25.38	2.84	-37.42	36.91	74.00	37.09	PK	Vertical
2	3934.200	45.92	31.13	4.48	-39.66	41.87	74.00	32.13	PK	Vertical
3	7363.100	43.01	36.77	6.17	-40.67	45.28	74.00	28.72	PK	Vertical
4	11317.300	41.71	39.22	7.57	-39.32	49.18	74.00	24.82	PK	Vertical
5	11995.600	41.58	39.19	7.99	-40.00	48.76	74.00	25.24	PK	Vertical
6	16145.300	39.67	37.85	8.98	-39.50	47.00	74.00	27.00	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5320MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\13		
Memo:			

Test Graph



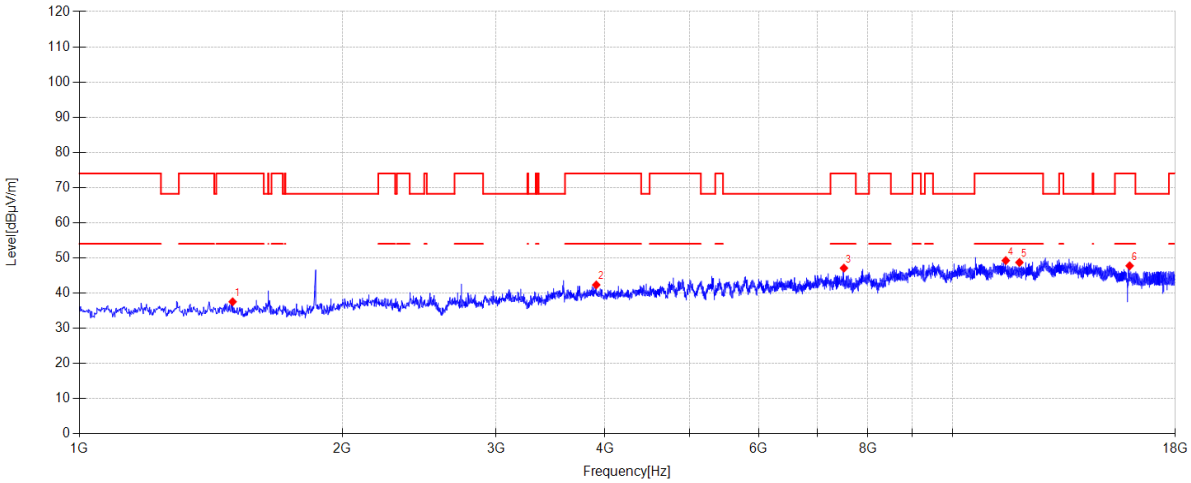
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	1472.600	46.06	25.39	2.84	-37.42	36.87	74.00	37.13	PK	Horizontal
2	3898.500	45.79	31.19	4.46	-39.66	41.78	74.00	32.22	PK	Horizontal
3	4077.000	45.54	31.05	4.57	-39.67	41.49	74.00	32.51	PK	Horizontal
4	7431.100	43.27	36.64	6.21	-40.61	45.51	74.00	28.49	PK	Horizontal
5	11244.200	42.02	39.20	7.53	-39.24	49.51	74.00	24.49	PK	Horizontal
6	15390.500	38.57	39.08	8.71	-39.40	46.96	74.00	27.04	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5320MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\14		
Memo:			

Test Graph



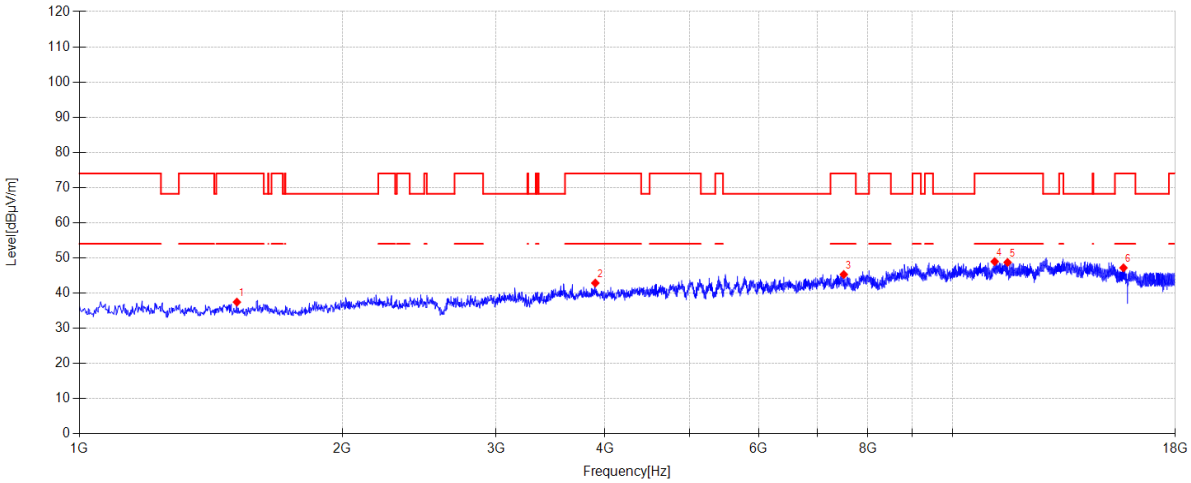
Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1498.100	46.64	25.49	2.86	-37.46	37.53	74.00	36.47	PK	Vertical
2	3908.700	46.34	31.18	4.46	-39.66	42.32	74.00	31.68	PK	Vertical
3	7511.000	44.89	36.48	6.27	-40.54	47.10	74.00	26.90	PK	Vertical
4	11509.400	41.89	39.18	7.69	-39.51	49.25	74.00	24.75	PK	Vertical
5	11932.700	41.69	39.00	7.95	-39.93	48.71	74.00	25.29	PK	Vertical
6	15956.600	40.20	38.04	8.91	-39.40	47.75	74.00	26.25	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5500MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\15		
Memo:			

Test Graph



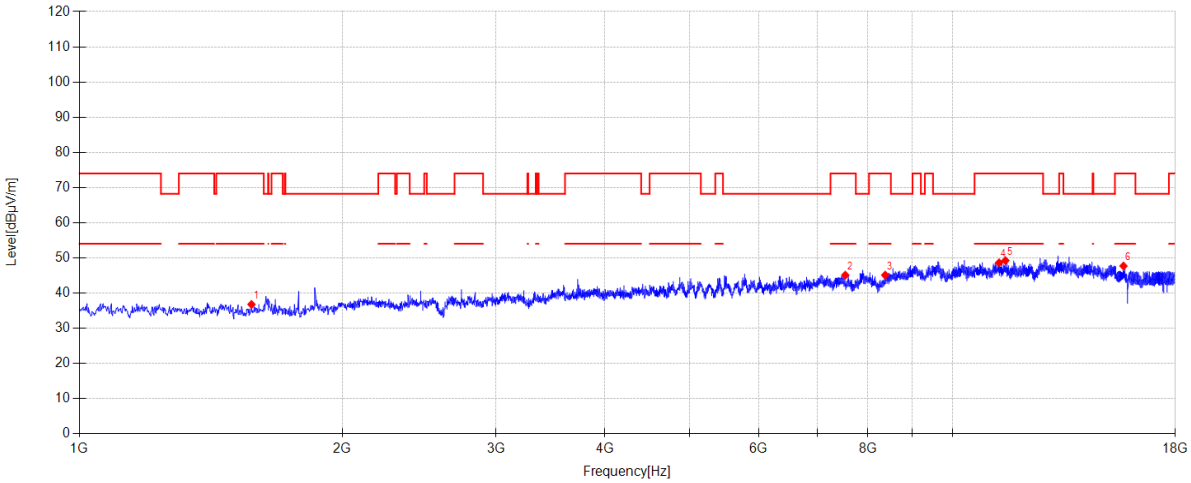
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	1515.100	46.75	25.29	2.88	-37.48	37.44	74.00	36.56	PK	Horizontal
2	3898.500	46.86	31.19	4.46	-39.66	42.85	74.00	31.15	PK	Horizontal
3	7507.600	43.08	36.48	6.27	-40.54	45.29	74.00	28.71	PK	Horizontal
4	11177.900	41.42	39.22	7.49	-39.18	48.95	74.00	25.05	PK	Horizontal
5	11565.500	41.50	39.07	7.72	-39.57	48.72	74.00	25.28	PK	Horizontal
6	15698.200	39.25	38.50	8.82	-39.40	47.17	74.00	26.83	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5500MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\16		
Memo:			

Test Graph



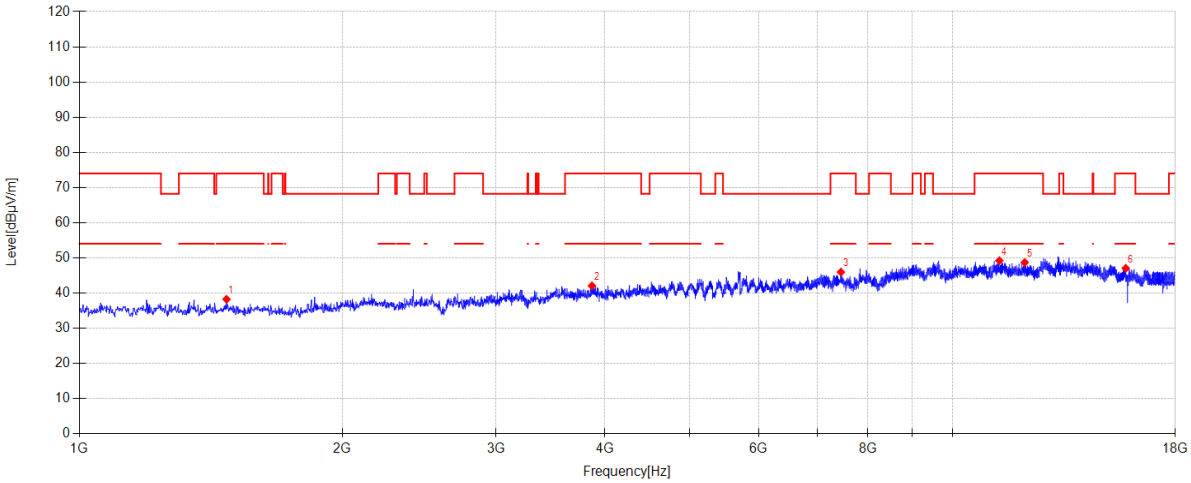
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	1574.600	46.22	25.19	2.94	-37.57	36.78	74.00	37.22	PK	Vertical
2	7538.200	42.90	36.42	6.29	-40.52	45.09	74.00	28.91	PK	Vertical
3	8374.600	40.56	37.40	6.75	-39.61	45.10	74.00	28.90	PK	Vertical
4	11308.800	41.14	39.21	7.57	-39.31	48.61	74.00	25.39	PK	Vertical
5	11499.200	41.87	39.20	7.68	-39.50	49.25	74.00	24.75	PK	Vertical
6	15699.900	39.78	38.50	8.82	-39.40	47.70	74.00	26.30	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\17		
Memo:			

Test Graph



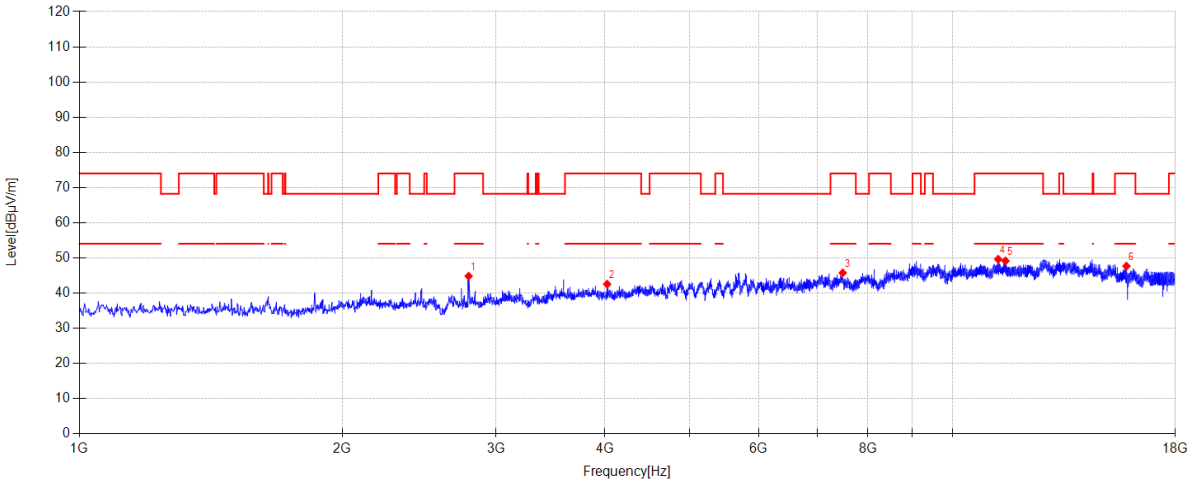
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	1474.300	47.43	25.40	2.84	-37.42	38.25	74.00	35.75	PK	Horizontal
2	3864.500	46.29	30.99	4.44	-39.65	42.07	74.00	31.93	PK	Horizontal
3	7451.500	43.72	36.60	6.23	-40.59	45.96	74.00	28.04	PK	Horizontal
4	11317.300	41.75	39.22	7.57	-39.32	49.22	74.00	24.78	PK	Horizontal
5	12099.300	41.35	39.30	8.03	-39.98	48.70	74.00	25.30	PK	Horizontal
6	15793.400	39.29	38.31	8.85	-39.40	47.05	74.00	26.95	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\18		
Memo:			

Test Graph



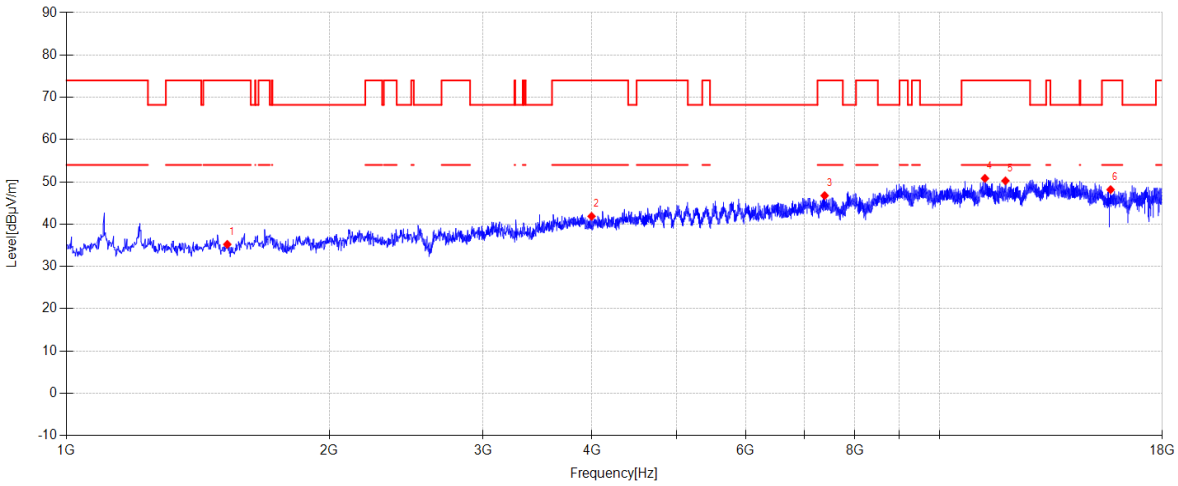
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2791.800	52.77	27.43	3.79	-39.18	44.81	74.00	29.19	PK	Vertical
2	4022.600	46.75	30.95	4.53	-39.68	42.55	74.00	31.45	PK	Vertical
3	7487.200	43.53	36.53	6.25	-40.56	45.75	74.00	28.25	PK	Vertical
4	11281.600	42.16	39.20	7.55	-39.28	49.63	74.00	24.37	PK	Vertical
5	11500.900	41.77	39.20	7.69	-39.50	49.16	74.00	24.84	PK	Vertical
6	15822.300	39.94	38.26	8.86	-39.40	47.66	74.00	26.34	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:	2025-02-14	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX N20 MIMO 5720MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\ BAR 800MK2\kua yue\23		
Memo:			

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	1528.700	44.23	25.10	3.39	-37.50	35.22	74.00	38.78	PK	Horizontal
2	3995.400	45.31	30.92	5.31	-39.68	41.86	74.00	32.14	PK	Horizontal
3	7386.900	43.19	36.73	7.48	-40.65	46.75	74.00	27.25	PK	Horizontal
4	11274.800	42.31	39.20	8.58	-39.27	50.82	74.00	23.18	PK	Horizontal
5	11900.400	42.29	38.90	8.96	-39.90	50.25	74.00	23.75	PK	Horizontal
6	15701.600	38.95	38.50	10.11	-39.40	48.16	74.00	25.84	PK	Horizontal

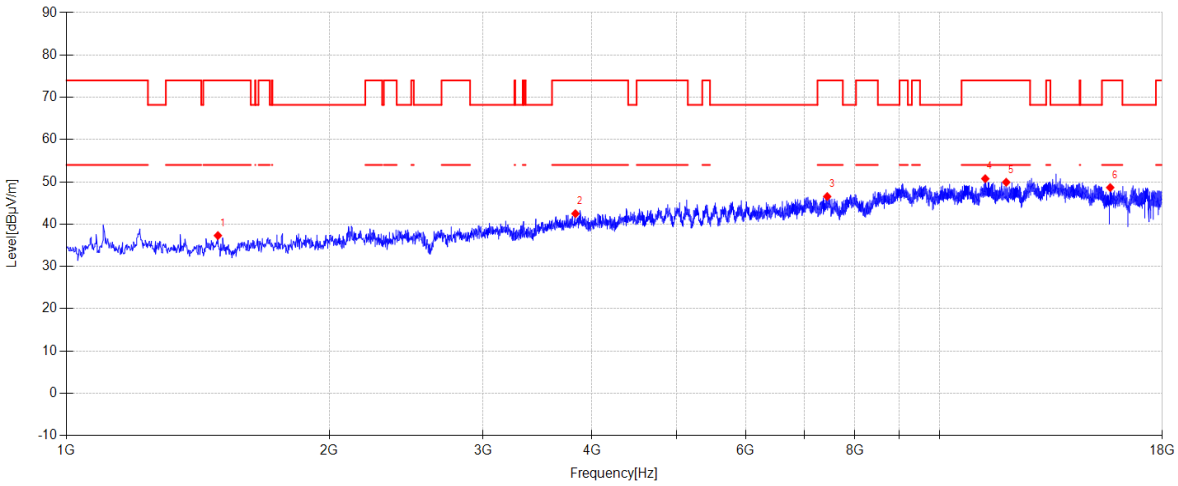
Note:

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:	2025-02-14	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX N20 MIMO 5720MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\ BAR 800MK2\kua yue\24		
Memo:			

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	1491.300	45.93	25.47	3.35	-37.45	37.30	74.00	36.70	PK	Vertical
2	3828.800	46.04	30.82	5.26	-39.64	42.48	74.00	31.52	PK	Vertical
3	7437.900	43.01	36.62	7.51	-40.61	46.53	74.00	27.47	PK	Vertical
4	11285.000	42.25	39.20	8.59	-39.29	50.75	74.00	23.25	PK	Vertical
5	11924.200	41.90	38.97	8.97	-39.92	49.92	74.00	24.08	PK	Vertical
6	15688.000	39.44	38.51	10.10	-39.40	48.65	74.00	25.35	PK	Vertical

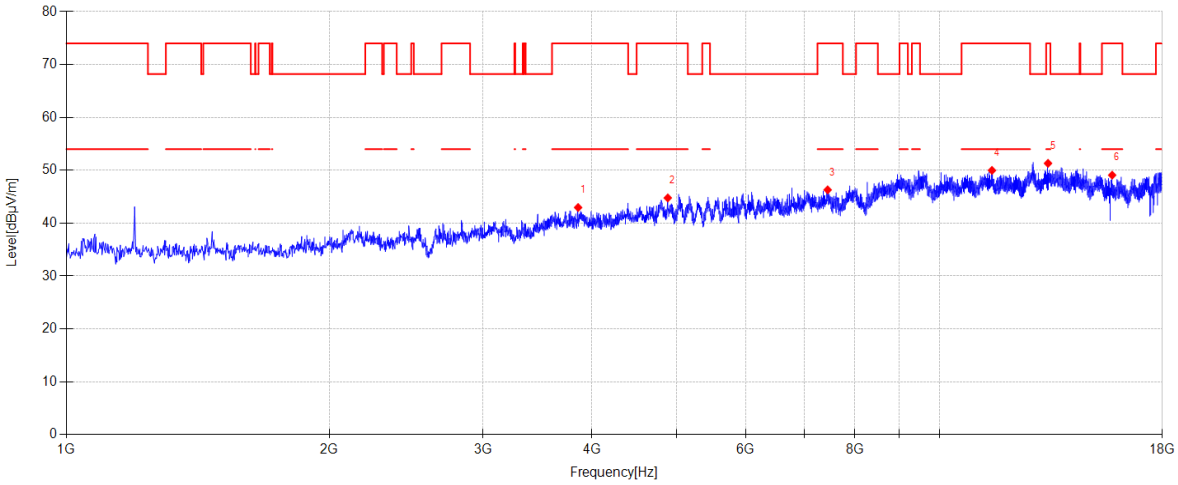
Note:

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:	2024-11-24	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5745MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5.8GWIFI\1		
Memo:			

Test Graph



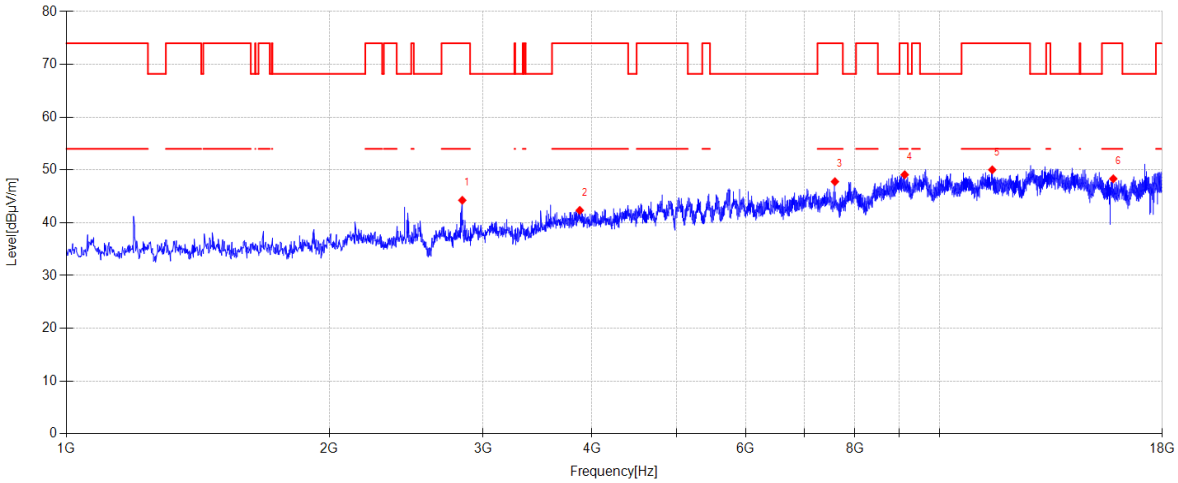
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3856.000	46.40	30.94	5.27	-39.65	42.96	74.00	31.04	PK	Horizontal
2	4884.500	44.78	33.25	6.36	-39.61	44.78	74.00	29.22	PK	Horizontal
3	7446.400	42.77	36.61	7.52	-40.60	46.30	74.00	27.70	PK	Horizontal
4	11485.600	41.55	39.21	8.71	-39.49	49.98	74.00	24.02	PK	Horizontal
5	13314.BAR 800MK2	41.52	40.10	9.50	-39.80	51.32	74.00	22.68	PK	Horizontal
6	15769.600	39.98	38.36	10.14	-39.40	49.08	74.00	24.92	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:	2024-11-24	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5745MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5.8GWIFI\2		
Memo:			

Test Graph



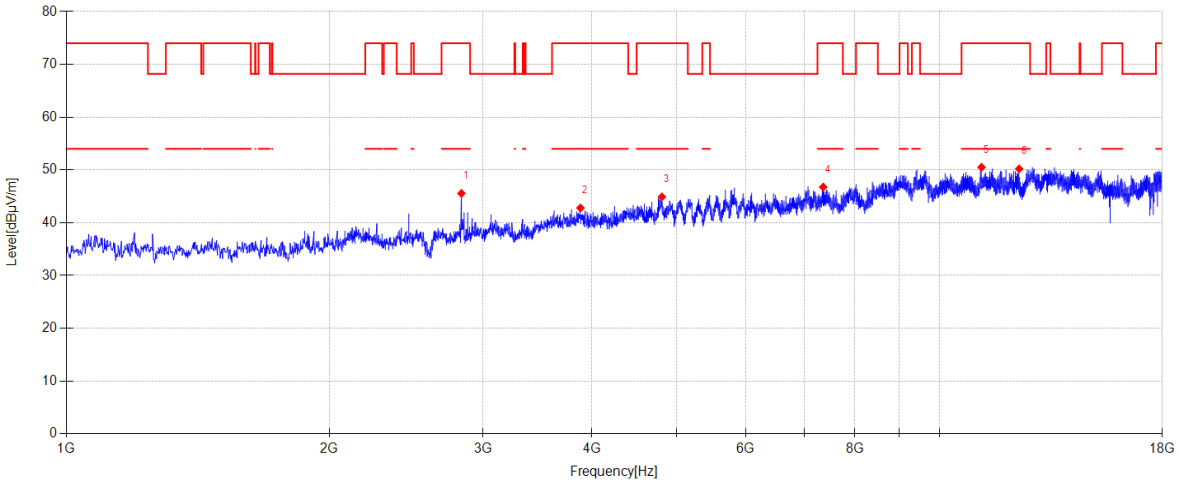
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2841.100	50.93	27.73	4.83	-39.24	44.25	74.00	29.75	PK	Vertical
2	3873.000	45.68	31.04	5.27	-39.65	42.34	74.00	31.66	PK	Vertical
3	7590.900	44.17	36.48	7.61	-40.47	47.79	74.00	26.21	PK	Vertical
4	9124.300	41.36	38.50	8.13	-38.90	49.09	74.00	24.91	PK	Vertical
5	11494.100	41.59	39.21	8.72	-39.49	50.03	74.00	23.97	PK	Vertical
6	15815.500	39.30	38.27	10.16	-39.40	48.33	74.00	25.67	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:	2024-11-24	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5785MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5.8GWIFI\3		
Memo:			

Test Graph



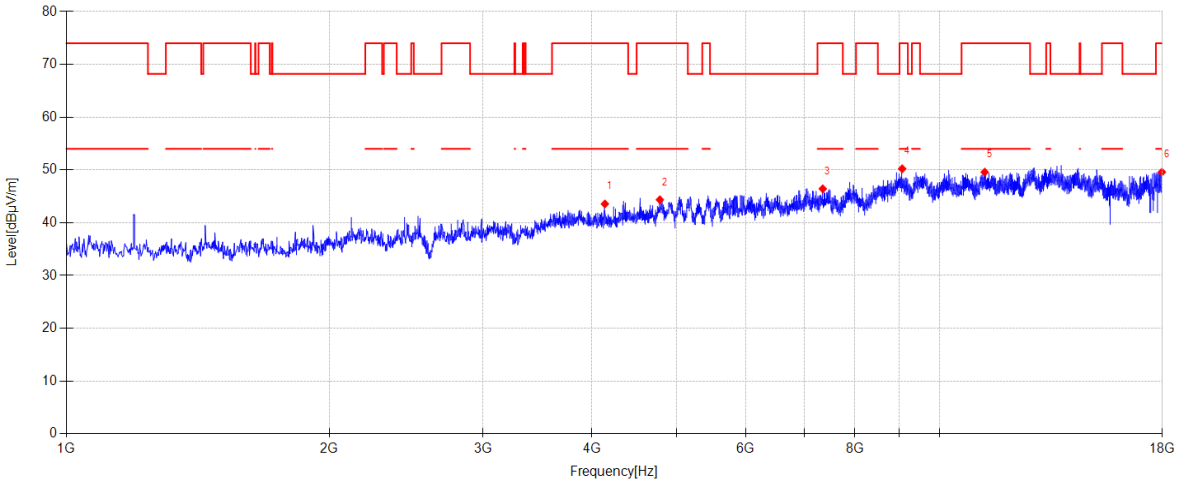
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	2834.300	52.30	27.67	4.82	-39.23	45.56	74.00	28.44	PK	Horizontal
2	3879.BAR 800MK2	46.09	31.08	5.27	-39.65	42.79	74.00	31.21	PK	Horizontal
3	4809.700	45.50	32.75	6.27	-39.62	44.90	74.00	29.10	PK	Horizontal
4	7359.700	43.20	36.78	7.46	-40.68	46.76	74.00	27.24	PK	Horizontal
5	11174.500	41.94	39.23	8.52	-39.17	50.52	74.00	23.48	PK	Horizontal
6	12339.000	41.66	39.30	9.18	-39.93	50.21	74.00	23.79	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:	2024-11-24	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5785MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5.8GWIFI\4		
Memo:			

Test Graph



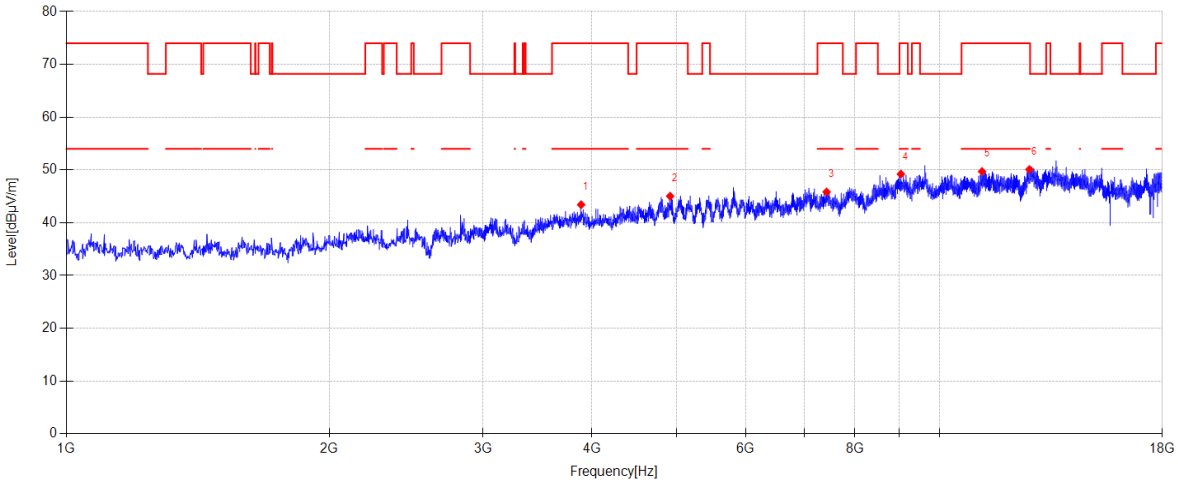
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	4138.200	46.58	31.18	5.47	-39.67	43.56	74.00	30.44	PK	Vertical
2	4784.200	45.29	32.44	6.24	-39.62	44.35	74.00	29.65	PK	Vertical
3	7351.200	42.86	36.80	7.45	-40.68	46.43	74.00	27.57	PK	Vertical
4	9064.BAR 800MK2	42.51	38.43	8.13	-38.85	50.22	74.00	23.78	PK	Vertical
5	11266.300	41.08	39.20	8.58	-39.27	49.59	74.00	24.41	PK	Vertical
6	17977.900	35.61	42.29	11.70	-40.00	49.60	74.00	24.40	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:	2024-11-24	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5825MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5.8GWIFI\5		
Memo:			

Test Graph



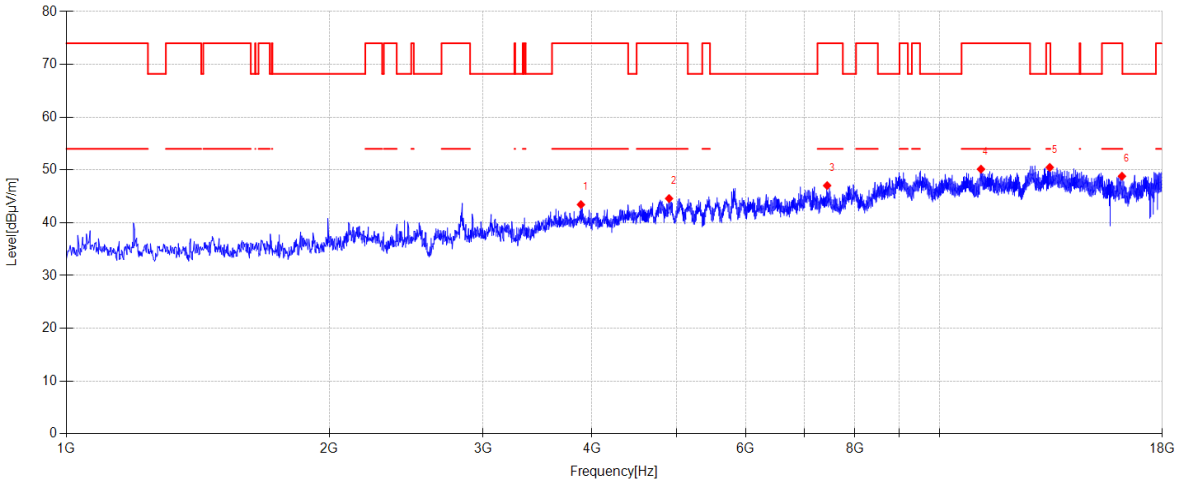
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	3886.600	46.67	31.12	5.27	-39.65	43.41	74.00	30.59	PK	Horizontal
2	4915.100	45.21	33.03	6.40	-39.61	45.03	74.00	28.97	PK	Horizontal
3	7426.000	42.30	36.65	7.50	-40.62	45.83	74.00	28.17	PK	Horizontal
4	9032.500	41.55	38.37	8.13	-38.83	49.22	74.00	24.78	PK	Horizontal
5	11188.100	41.16	39.21	8.53	-39.19	49.71	74.00	24.29	PK	Horizontal
6	12675.600	41.07	39.55	9.33	-39.86	50.09	74.00	23.91	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:	2024-11-24	**Tested By**:	Gen Liu
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	TX 11AX20 MIMO 5825MHz	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:24.5°C;Humi:47.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5.8GWIFI\6		
Memo:			

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	3884.900	46.71	31.11	5.27	-39.65	43.44	74.00	30.56	PK	Vertical
2	4901.500	44.82	33.00	6.38	-39.61	44.59	74.00	29.41	PK	Vertical
3	7436.200	43.51	36.63	7.51	-40.61	47.04	74.00	26.96	PK	Vertical
4	11157.500	41.56	39.24	8.51	-39.16	50.15	74.00	23.85	PK	Vertical
5	13376.000	40.68	40.10	9.50	-39.80	50.48	74.00	23.52	PK	Vertical
6	16181.000	40.14	37.82	10.38	-39.53	48.81	74.00	25.19	PK	Vertical

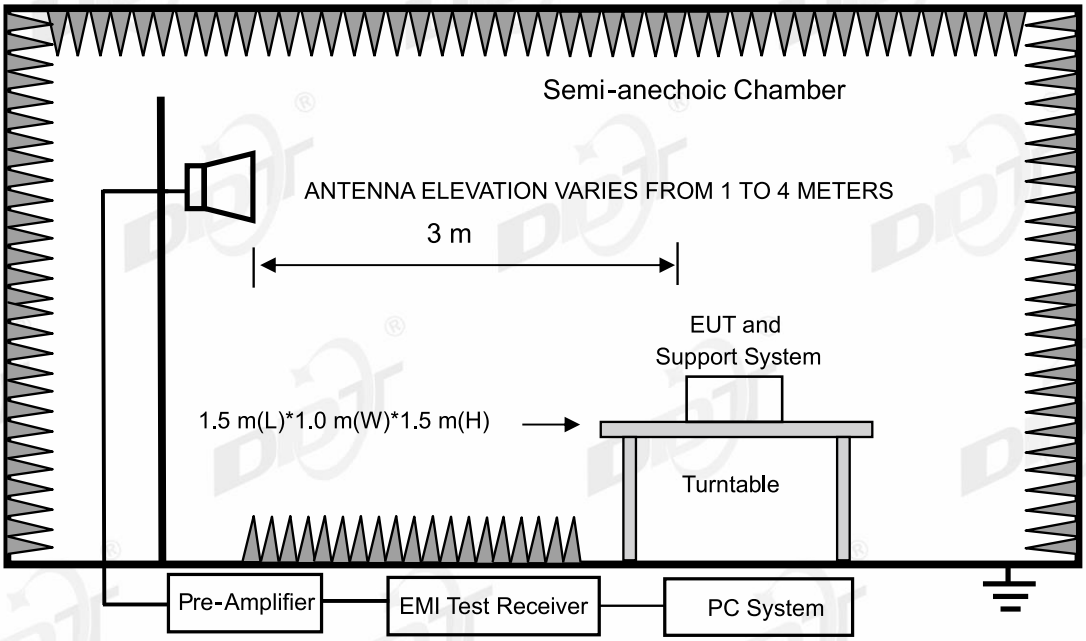
Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Band Edge Compliance

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11	2 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31	1 Year
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11	2 Year
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18	2 Year
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31	1 Year

14.2. Block diagram of test setup



14.3. Limits

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating solely in the 5.725-5.850 GHz band:

All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

14.4. Assistant equipment used for test

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

14.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

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

14.6. Test result

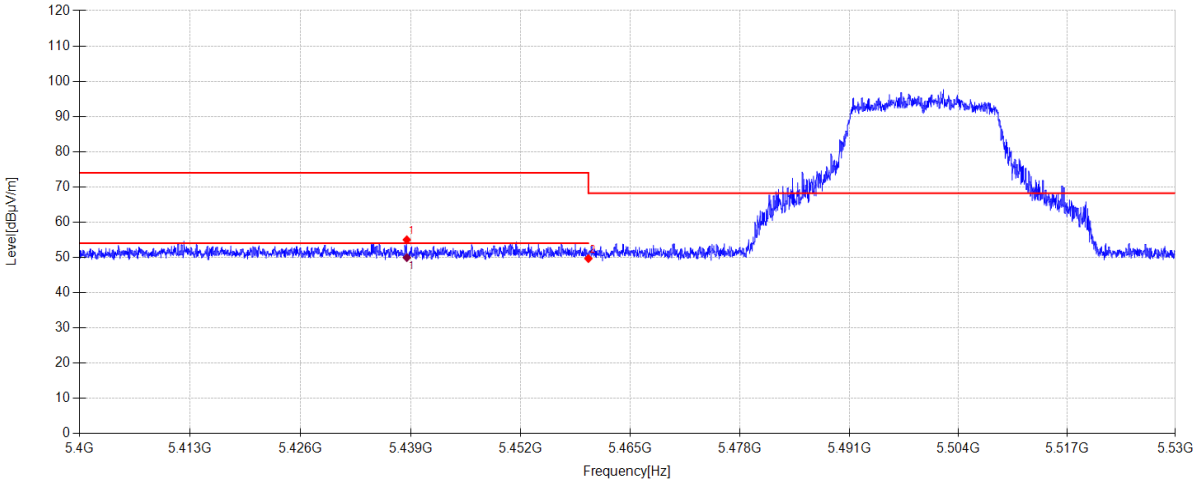
PASS. (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5500MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\19		
Memo:	Power Setting:12		

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	5438.519	46.11	33.02	5.47	-29.60	55.00	74.00	19.00	PK	Horizontal
2	5460.000	40.79	33.00	5.48	-29.60	49.67	68.20	18.53	PK	Horizontal

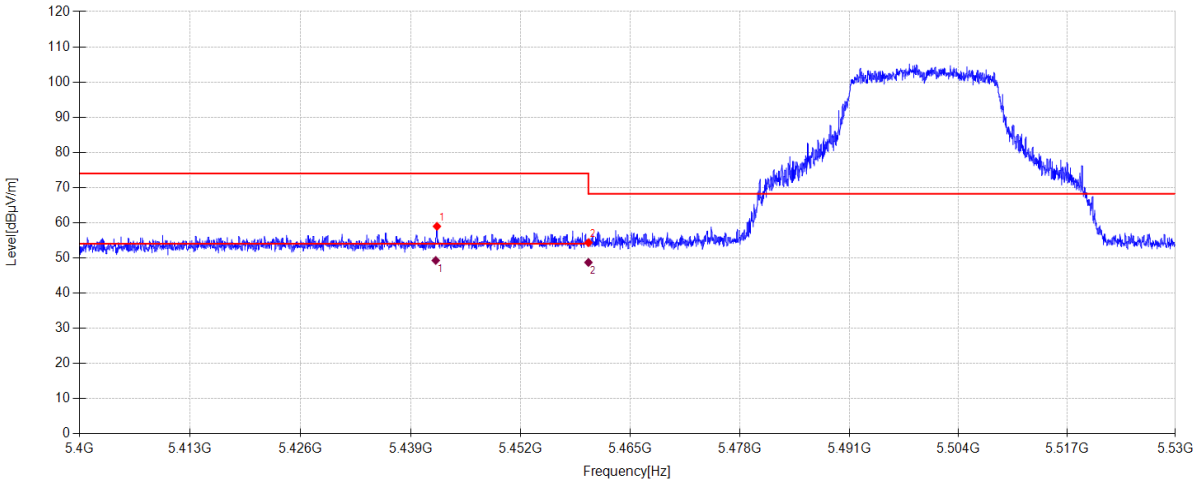
Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5438.519	41.06	33.02	5.47	49.95	54.00	4.05	AV	Horizontal

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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5500MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\20		
Memo:	Power Setting:12		

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	5442.081	50.08	33.02	5.47	-29.60	58.97	74.00	15.03	PK	Vertical
2	5460.000	45.46	33.00	5.48	-29.60	54.34	68.20	13.86	PK	Vertical

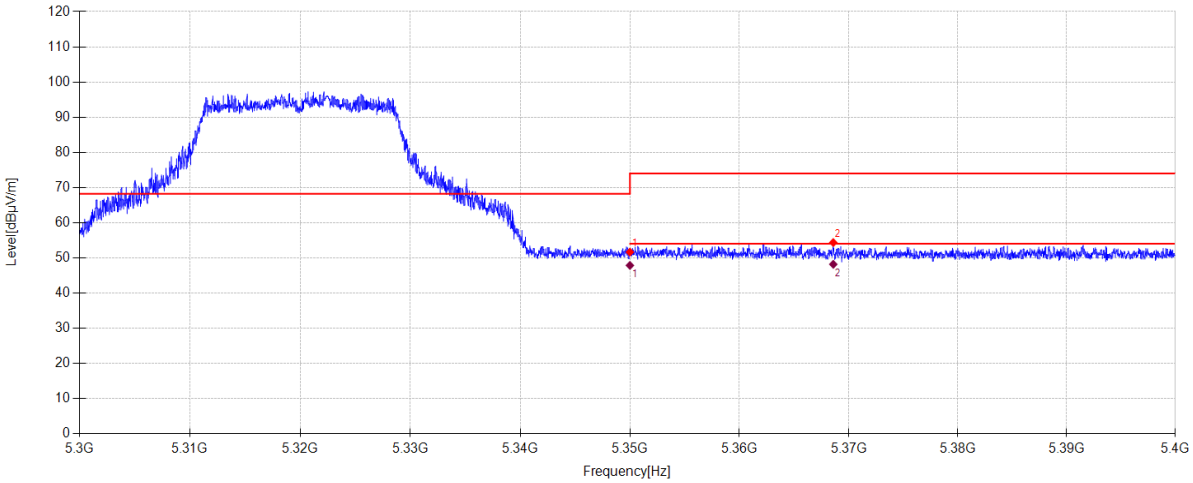
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5441.934	40.39	33.02	5.47	49.28	54.00	4.72	AV	Vertical
2	5460.000	39.83	33.00	5.48	48.71	54.00	5.29	AV	Vertical

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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5320MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\21		
Memo:	Power Setting:12		

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	5350.000	42.75	33.10	5.41	-29.60	51.66	68.20	16.54	PK	Horizontal
2	5368.590	45.44	33.10	5.42	-29.60	54.36	74.00	19.64	PK	Horizontal

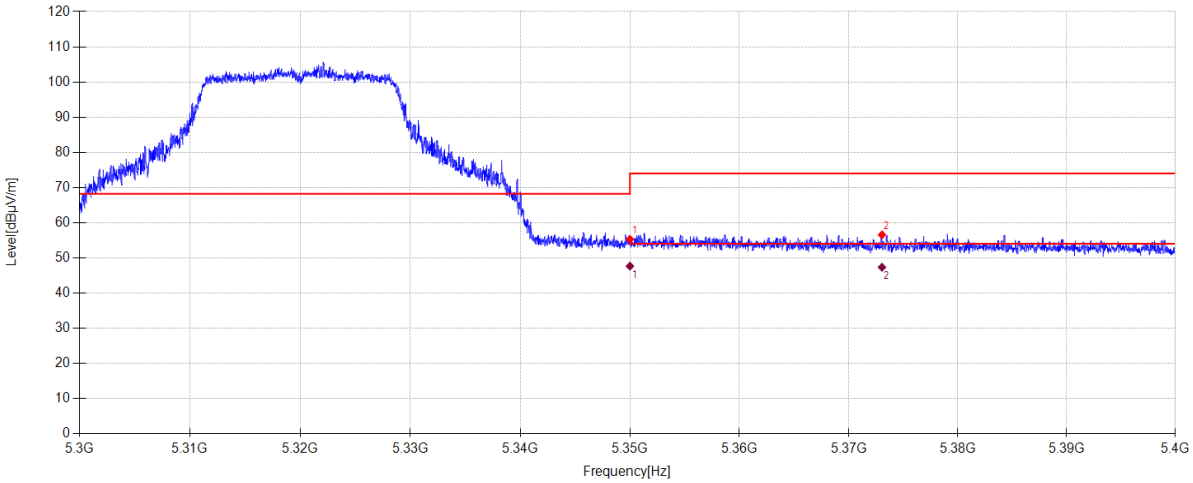
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5350.000	38.95	33.10	5.41	47.86	54.00	6.14	AV	Horizontal
2	5368.590	39.27	33.10	5.42	48.19	54.00	5.81	AV	Horizontal

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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5320MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\22		
Memo:	Power Setting:12		

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	5350.000	46.40	33.10	5.41	-29.60	55.31	68.20	12.89	PK	Vertical
2	5373.050	47.63	33.10	5.43	-29.60	56.56	74.00	17.44	PK	Vertical

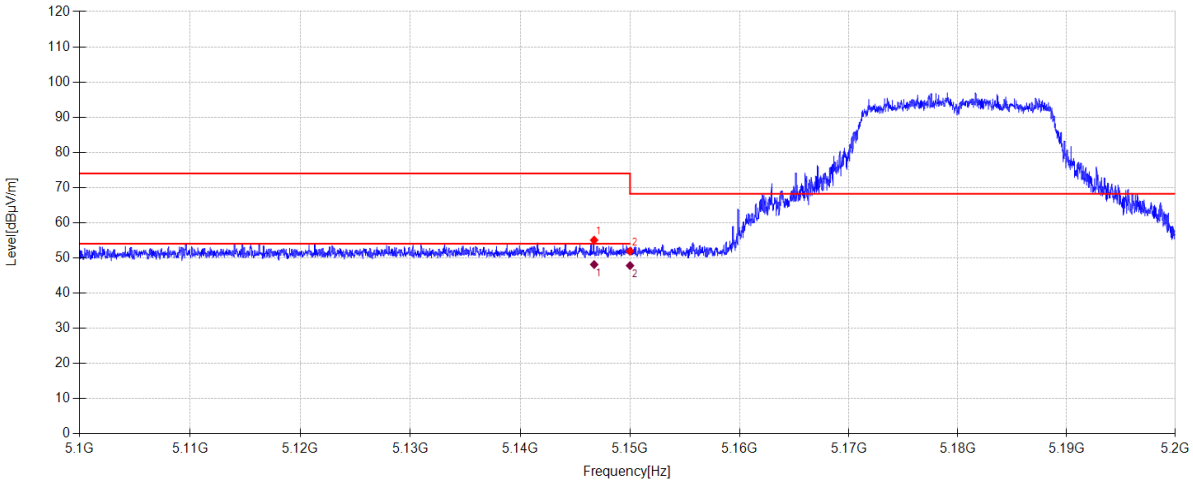
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5350.000	38.75	33.10	5.41	47.66	54.00	6.34	AV	Vertical
2	5373.050	38.42	33.10	5.43	47.35	54.00	6.65	AV	Vertical

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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5180MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\23		
Memo:	Power Setting:12		

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	5146.730	45.99	33.40	5.28	-29.60	55.07	74.00	18.93	PK	Horizontal
2	5150.000	42.82	33.40	5.28	-29.60	51.90	68.20	16.30	PK	Horizontal

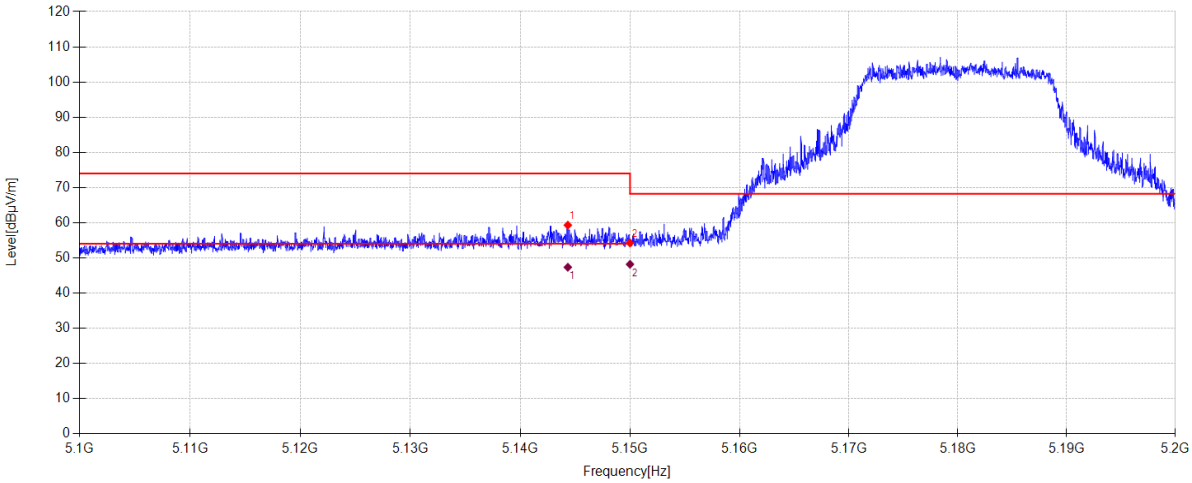
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5146.730	39.04	33.40	5.28	48.12	54.00	5.88	AV	Horizontal
2	5150.000	38.73	33.40	5.28	47.81	54.00	6.19	AV	Horizontal

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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5180MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\24		
Memo:	Power Setting:12		

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	5144.330	50.22	33.40	5.28	-29.60	59.30	74.00	14.70	PK	Vertical
2	5150.000	45.17	33.40	5.28	-29.60	54.25	68.20	13.95	PK	Vertical

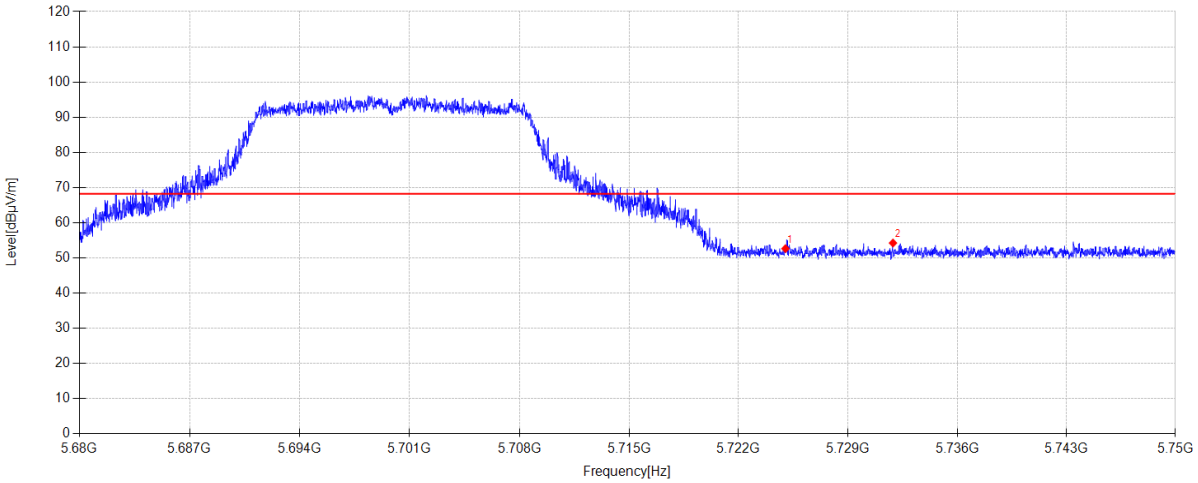
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5144.330	38.27	33.40	5.28	47.35	54.00	6.65	AV	Vertical
2	5150.000	39.11	33.40	5.28	48.19	54.00	5.81	AV	Vertical

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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\25		
Memo:	Power Setting:12		

Test Graph



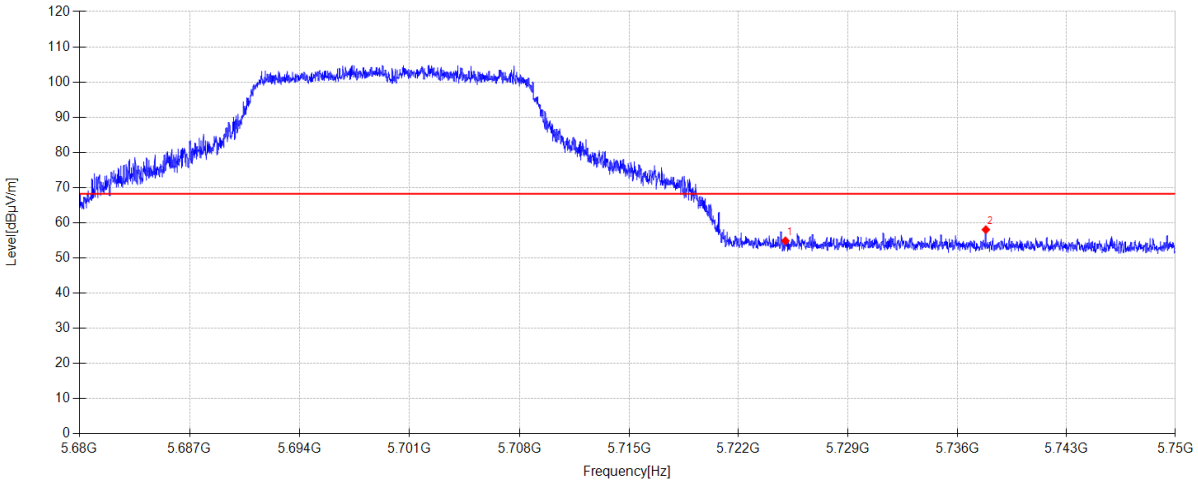
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	42.83	33.75	5.66	-29.60	52.64	68.20	15.56	PK	Horizontal
2	5731.884	44.38	33.79	5.66	-29.60	54.23	68.20	13.97	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:	2024-12-16	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	11N20 MIMO 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\FCC ABOVE1G 5G\26		
Memo:	Power Setting:12		

Test Graph



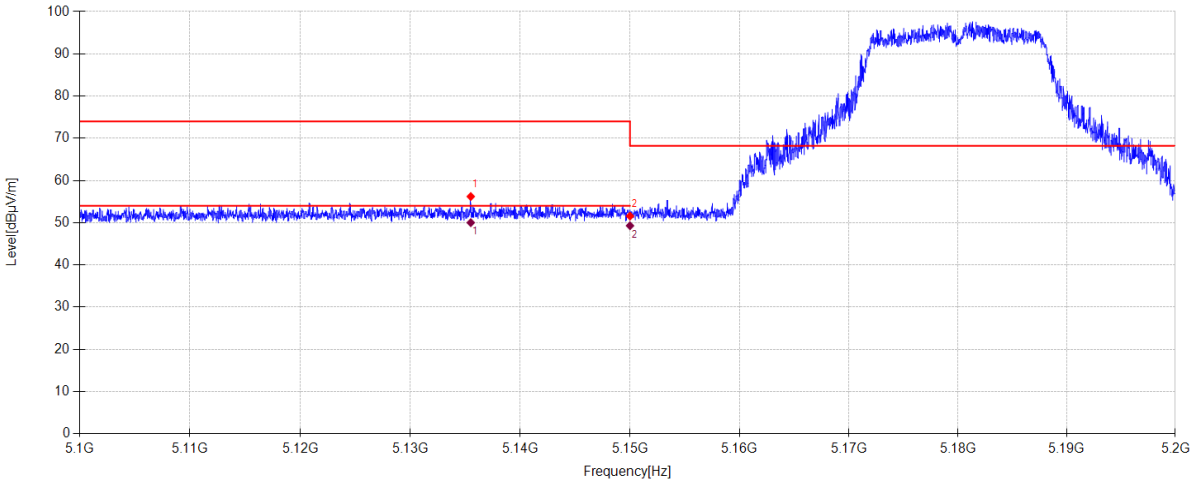
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	45.03	33.75	5.66	-29.60	54.84	68.20	13.36	PK	Vertical
2	5737.834	48.13	33.83	5.67	-29.60	58.03	68.20	10.17	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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5180MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\1		
Memo:	Power Setting:12		

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	5135.490	47.13	33.40	5.27	-29.60	56.20	74.00	17.80	PK	Horizontal
2	5150.000	42.49	33.40	5.28	-29.60	51.57	68.20	16.63	PK	Horizontal

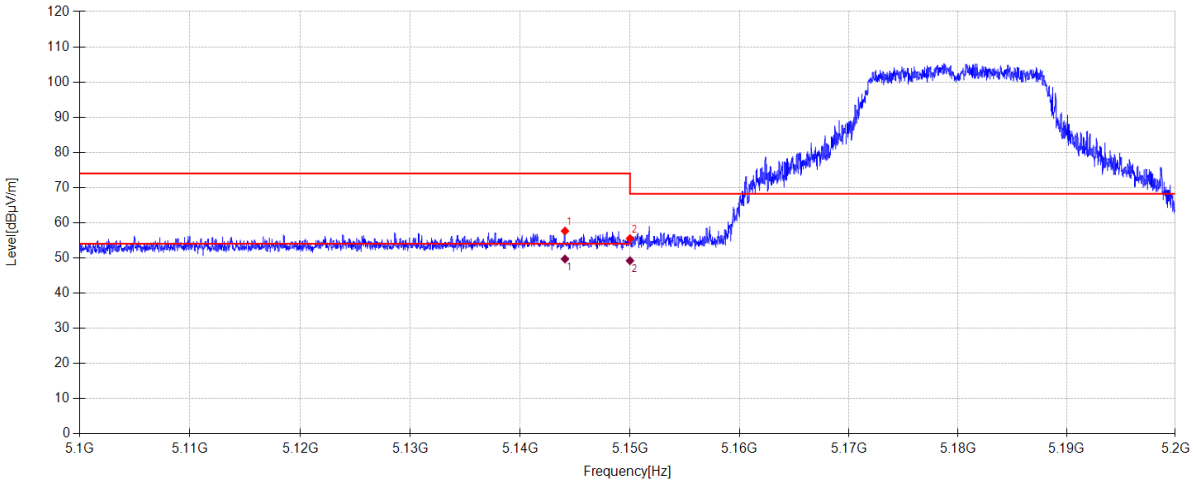
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5135.490	40.94	33.40	5.27	50.01	54.00	3.99	AV	Horizontal
2	5150.000	40.21	33.40	5.28	49.29	54.00	4.71	AV	Horizontal

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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5180MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\2		
Memo:	Power Setting:12		

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	5144.070	48.56	33.40	5.28	-29.60	57.64	74.00	16.36	PK	Vertical
2	5150.000	46.42	33.40	5.28	-29.60	55.50	68.20	12.70	PK	Vertical

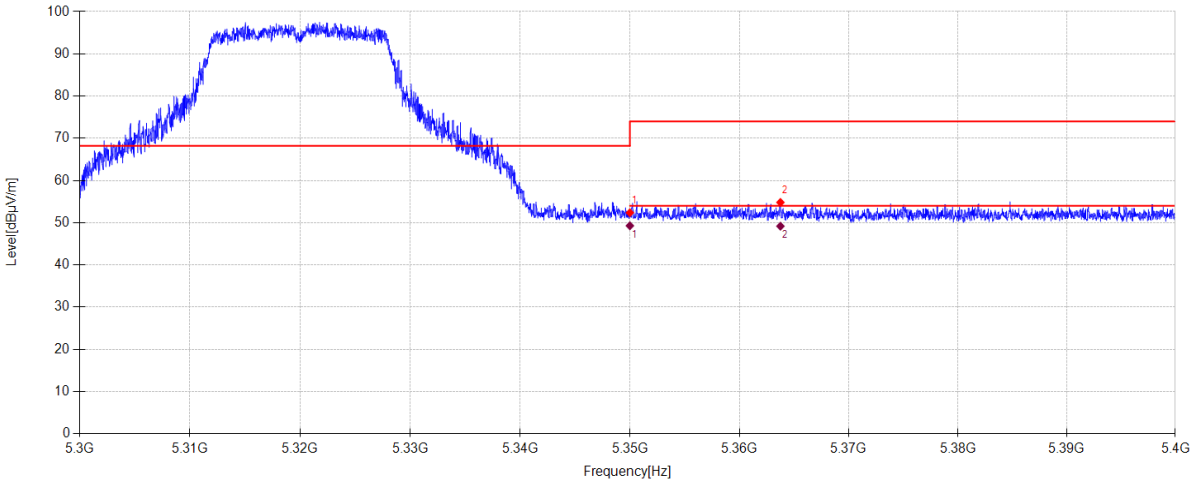
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5144.070	40.61	33.40	5.28	49.69	54.00	4.31	AV	Vertical
2	5150.000	40.13	33.40	5.28	49.21	54.00	4.79	AV	Vertical

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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5320MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\3		
Memo:	Power Setting:12		

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	5350.000	43.46	33.10	5.41	-29.60	52.37	68.20	15.83	PK	Horizontal
2	5363.750	45.89	33.10	5.42	-29.60	54.81	74.00	19.19	PK	Horizontal

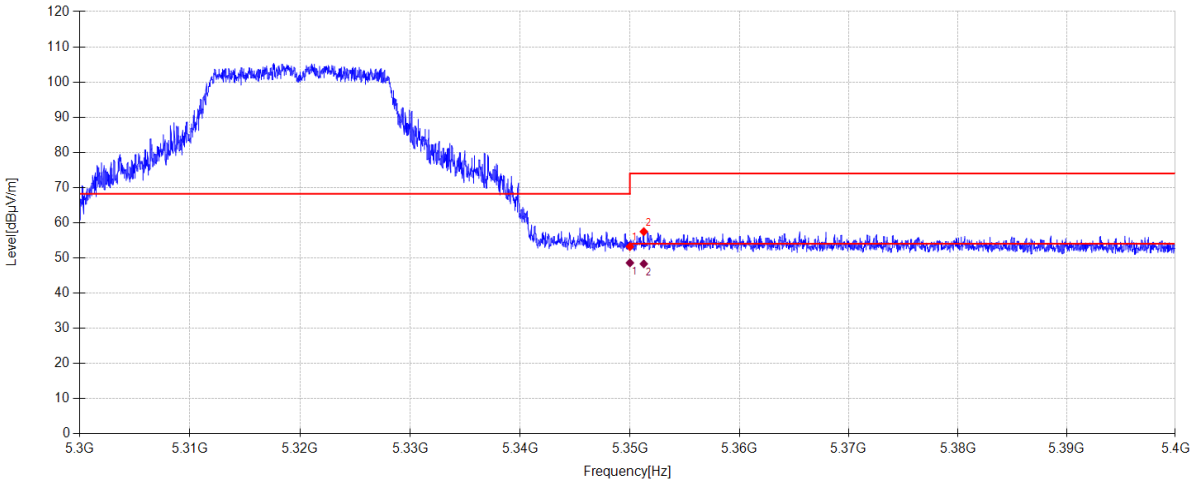
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5350.000	40.37	33.10	5.41	49.28	54.00	4.72	AV	Horizontal
2	5363.750	40.26	33.10	5.42	49.18	54.00	4.82	AV	Horizontal

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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5320MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\4		
Memo:	Power Setting:12		

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	5350.000	44.30	33.10	5.41	-29.60	53.21	68.20	14.99	PK	Vertical
2	5351.270	48.55	33.10	5.41	-29.60	57.46	74.00	16.54	PK	Vertical

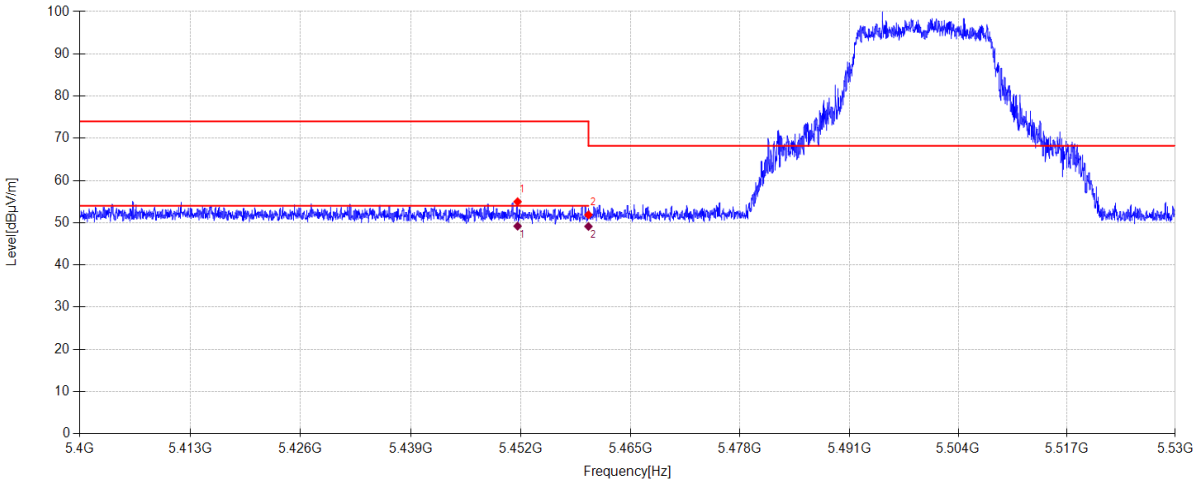
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5350.000	39.68	33.10	5.41	48.59	54.00	5.41	AV	Vertical
2	5351.270	39.41	33.10	5.41	48.32	54.00	5.68	AV	Vertical

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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5500MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\5		
Memo:	Power Setting:12		

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	5451.610	46.10	33.00	5.48	-29.60	54.98	74.00	19.02	PK	Horizontal
2	5460.000	42.99	33.00	5.48	-29.60	51.87	68.20	16.33	PK	Horizontal

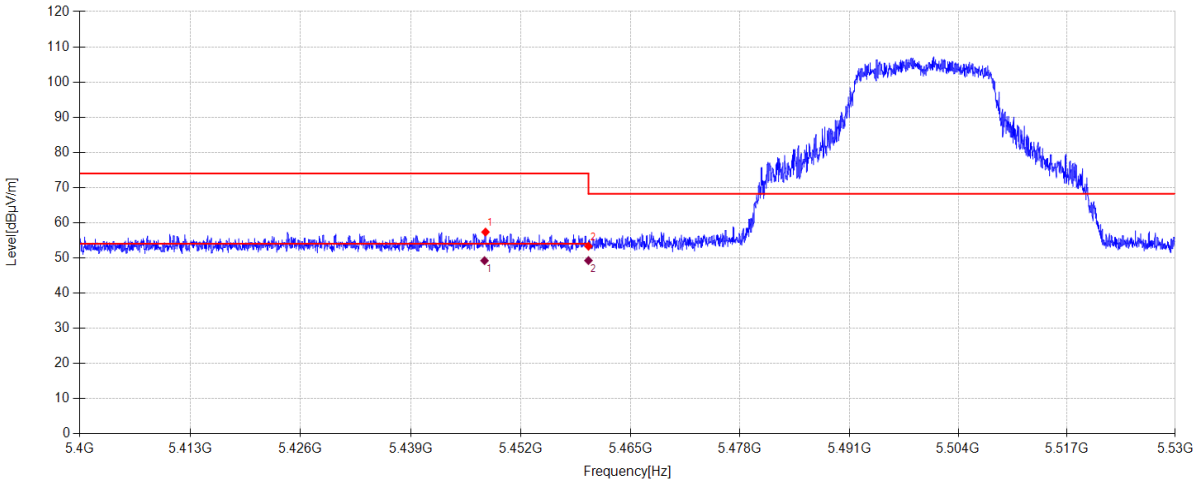
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5451.610	40.31	33.00	5.48	49.19	54.00	4.81	AV	Horizontal
2	5460.000	40.24	33.00	5.48	49.12	54.00	4.88	AV	Horizontal

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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5500MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\6		
Memo:	Power Setting:12		

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	5447.814	48.47	33.00	5.48	-29.60	57.35	74.00	16.65	PK	Vertical
2	5460.000	44.43	33.00	5.48	-29.60	53.31	68.20	14.89	PK	Vertical

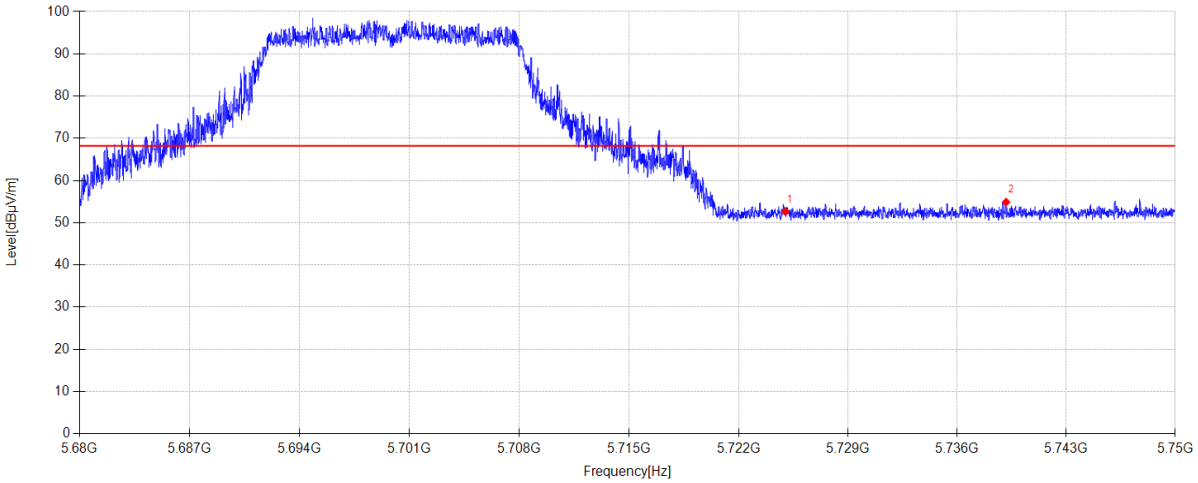
Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5447.698	40.34	33.00	5.48	49.22	54.00	4.78	AV	Vertical
2	5460.000	40.37	33.00	5.48	49.25	54.00	4.75	AV	Vertical

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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\7		
Memo:	Power Setting:12		

Test Graph



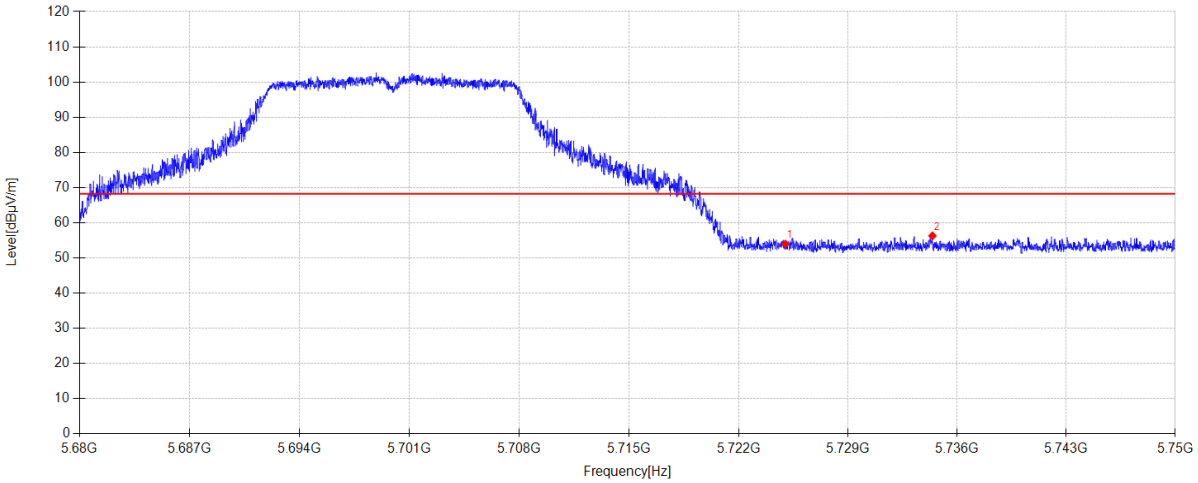
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	42.82	33.75	5.66	-29.60	52.63	68.20	15.57	PK	Horizontal
2	5739.136	44.98	33.83	5.67	-29.60	54.88	68.20	13.32	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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT1 11A 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\8		
Memo:	Power Setting:12		

Test Graph



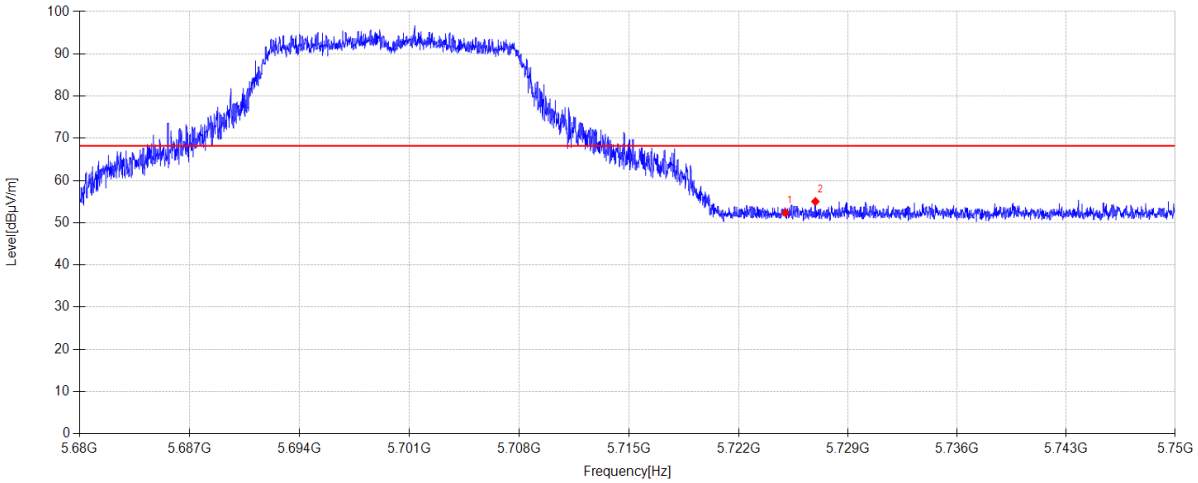
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	44.14	33.75	5.66	-29.60	53.95	68.20	14.25	PK	Vertical
2	5734.411	46.41	33.81	5.66	-29.60	56.28	68.20	11.92	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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT2 11A 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\9		
Memo:	Power Setting:12		

Test Graph



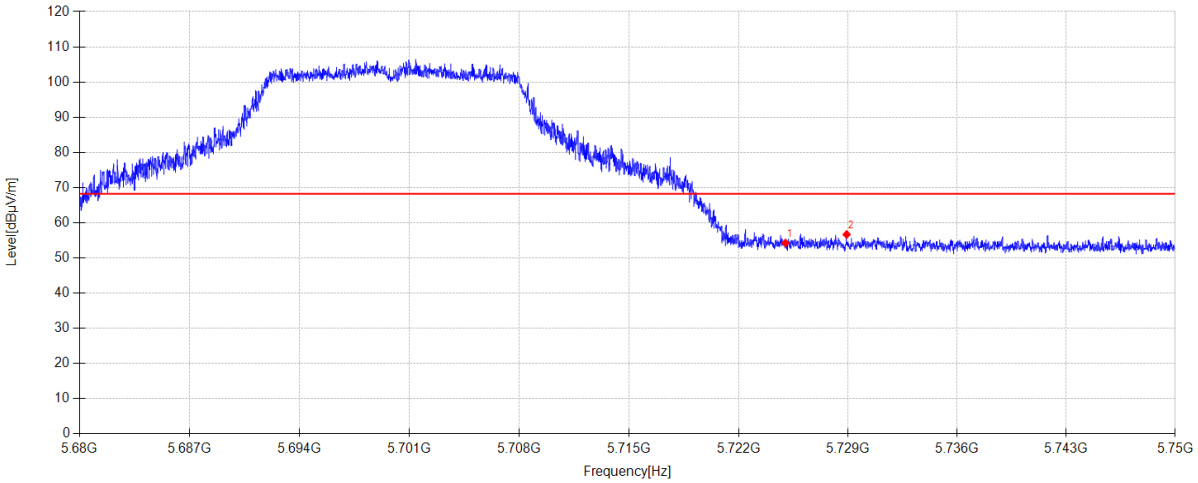
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	42.54	33.75	5.66	-29.60	52.35	68.20	15.85	PK	Horizontal
2	5726.914	45.21	33.76	5.66	-29.60	55.03	68.20	13.17	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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT2 11A 5700MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\10		
Memo:	Power Setting:12		

Test Graph



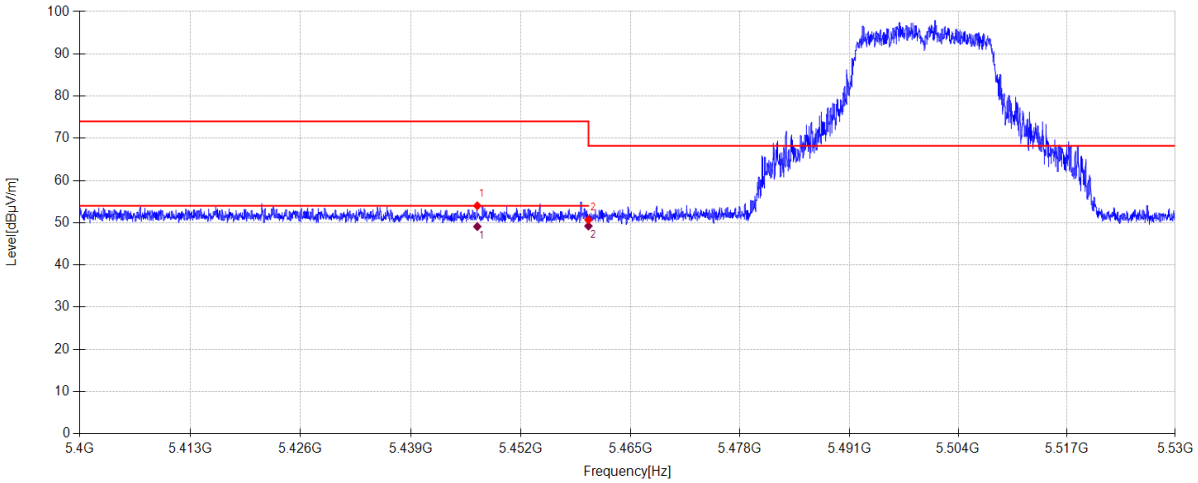
Data List										
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**AMP [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5725.000	44.42	33.75	5.66	-29.60	54.23	68.20	13.97	PK	Vertical
2	5728.916	46.83	33.77	5.66	-29.60	56.66	68.20	11.54	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:	2024-12-19	**Tested By**:	Zhong Nan
EUT:	Multi-Channel Soundbar with wireless subwoofer	**Model Number**:	BAR 800MK2
Test Mode:	ANT2 11A 5500MHz TX	**Power Supply**:	AC 120/60Hz
Condition:	Temp:24.8°C;Humi:47.2%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\BAR 800MK2\1219\11		
Memo:	Power Setting:12		

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	5446.852	45.13	33.01	5.47	-29.60	54.01	74.00	19.99	PK	Horizontal
2	5460.000	41.83	33.00	5.48	-29.60	50.71	68.20	17.49	PK	Horizontal

Data List									
NO.	**Freq. [MHz]**	**Reading [dBµV/m]**	**Antenna Factor [dB]**	**Cable loss [dB]**	**Level [dBµV/m]**	**Limit [dBµV/m]**	**Margin [dB]**	**Detector**	**Polarity**
1	5446.852	40.21	33.01	5.47	49.09	54.00	4.91	AV	Horizontal
2	5460.000	40.33	33.00	5.48	49.21	54.00	4.79	AV	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.