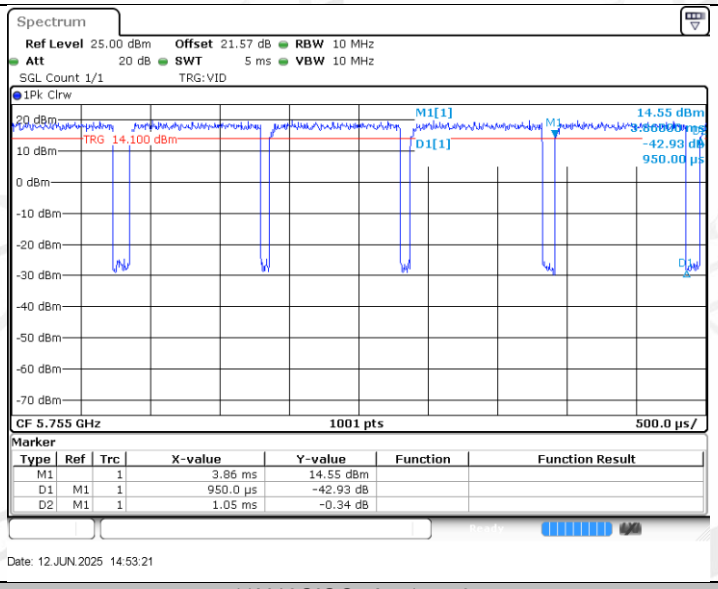
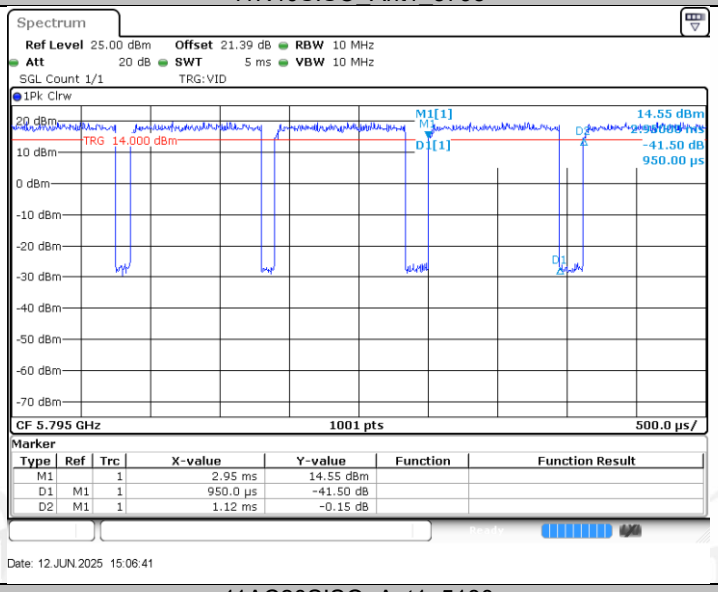


11N40SISO_Ant1_5795



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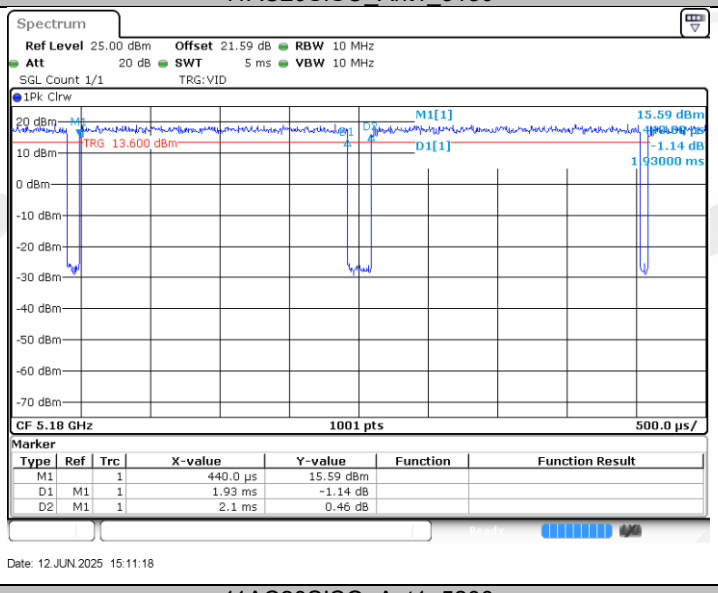

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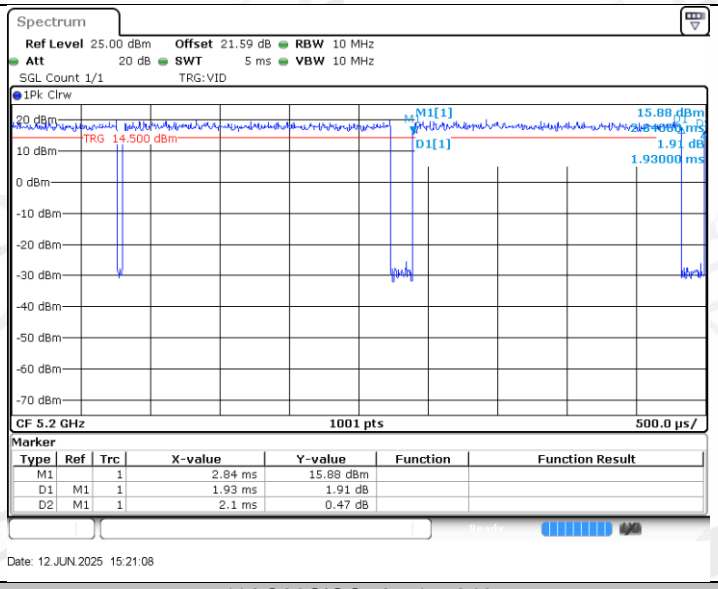

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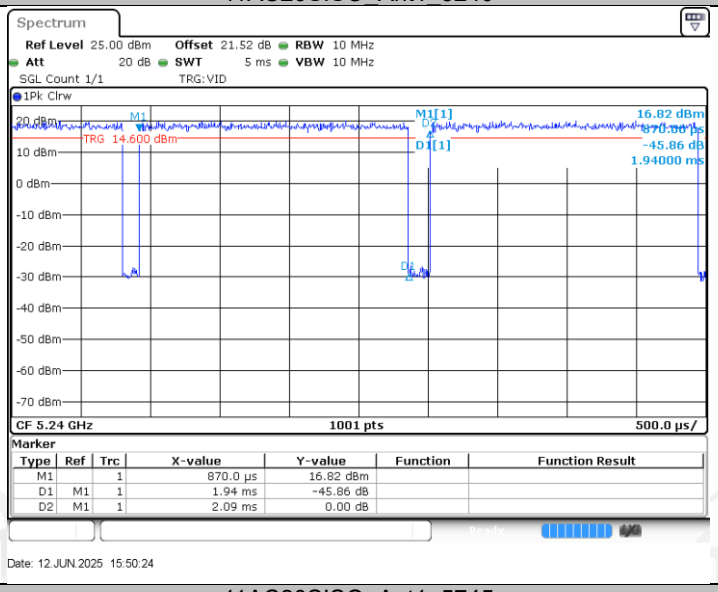

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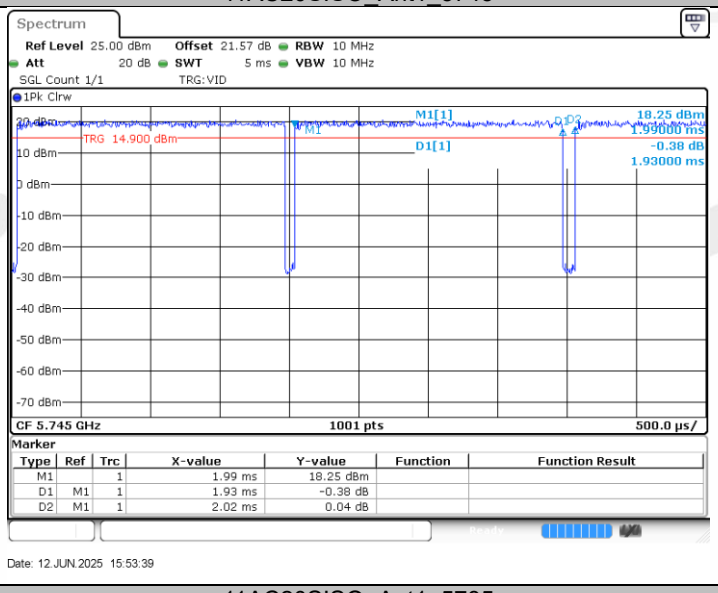

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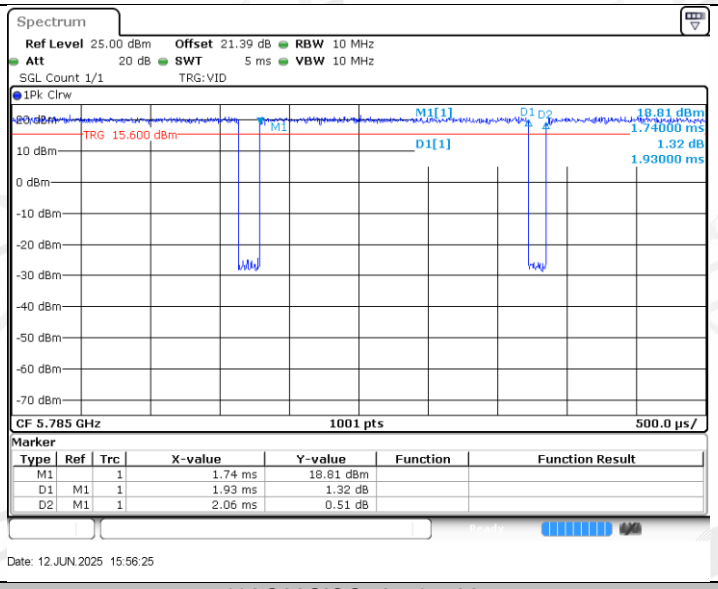

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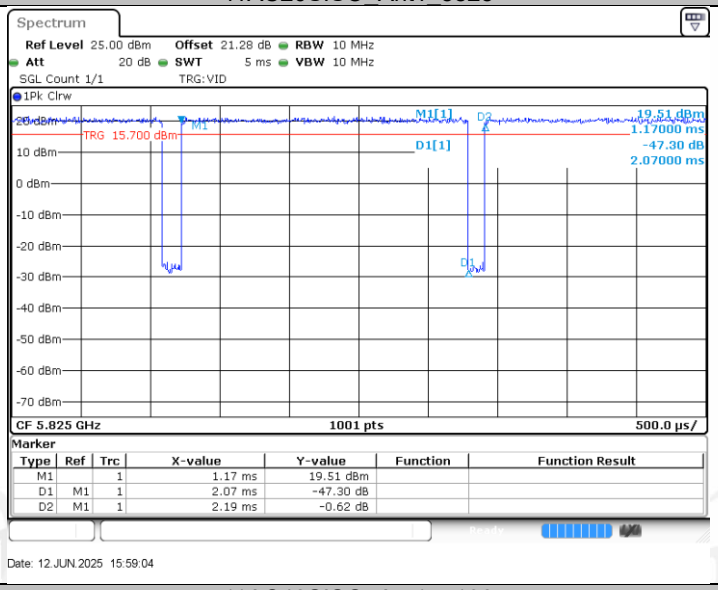

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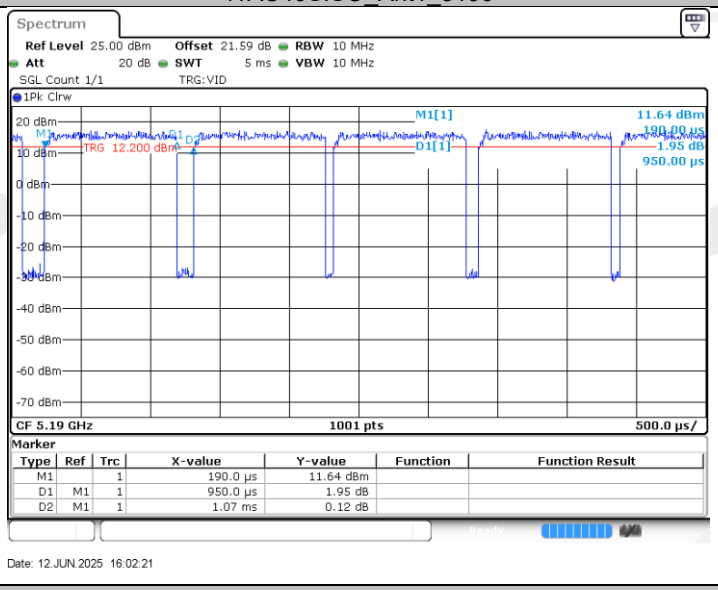

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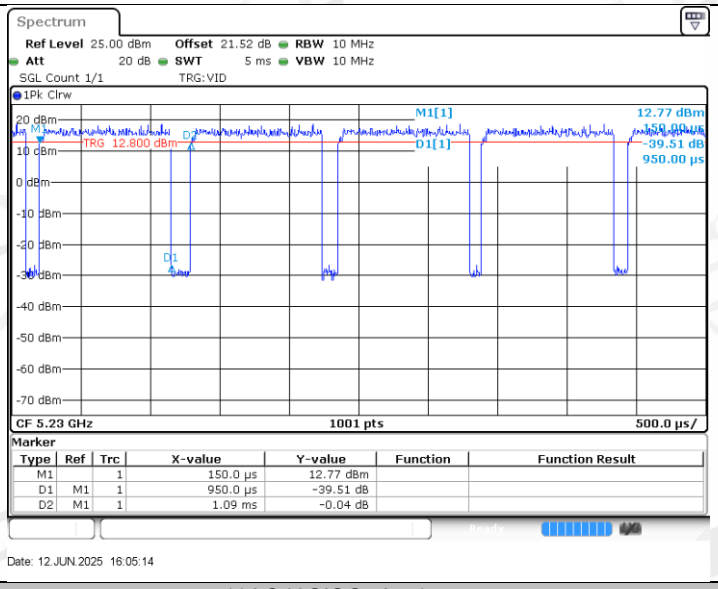

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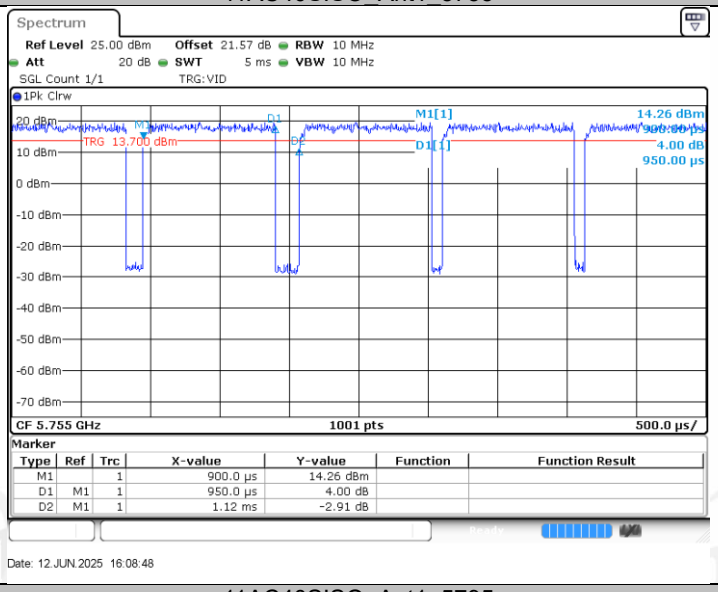

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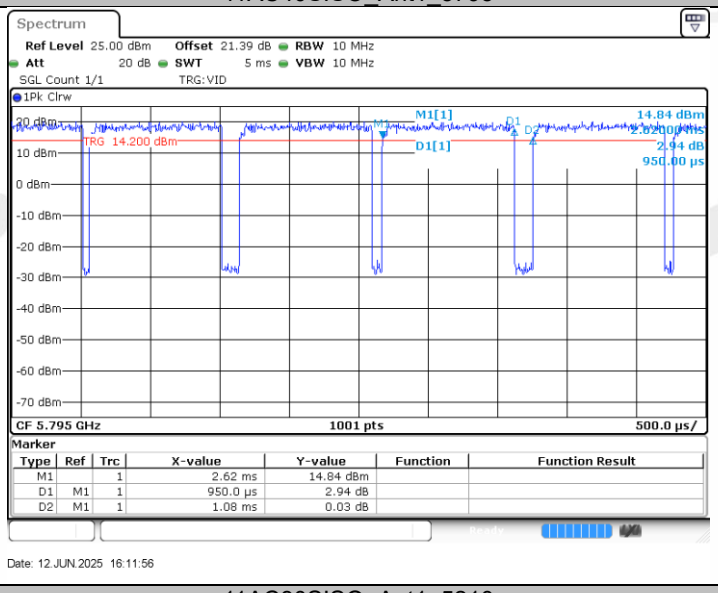

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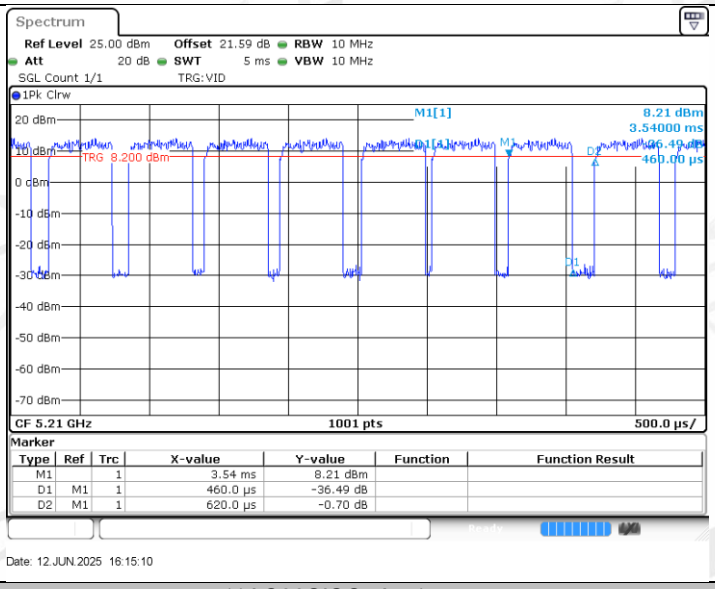

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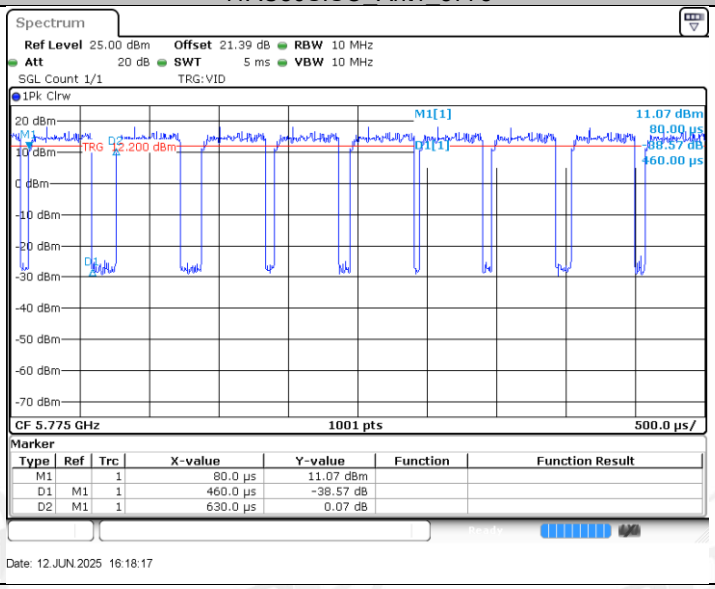
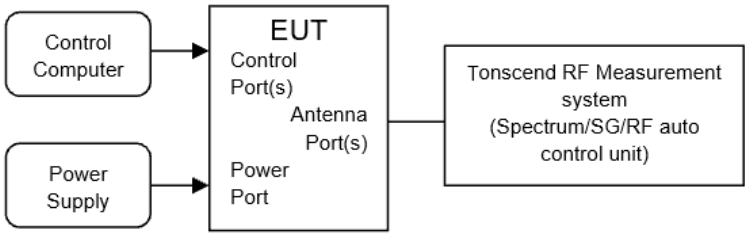


8. Maximum Output Power

8.1. Block diagram of test setup



8.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	For FCC: outdoor access point: 1 W(30 dBm) indoor access point: 1 W(30 dBm) fixed point-to-point access points1 W(30 dBm) client devices: 250 mW (23.98 dBm)	5150-5250
	For RSS: e.i.r.p. power: not exceed 200 mW (23.01 dBm) or 10 + 10 $\log_{10}$ B	
	For FCC: 250 mW (23.98 dBm) or 11 + 10 $\log_{10}$ B	5250-5350
	For RSS: For conducted output power: 250 mW (23.98 dBm) or 11 + 10 $\log_{10}$ B	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or 17 + 10 $\log_{10}$ B	
	For FCC: 250 mW (23.98 dBm) or 11 + 10 $\log_{10}$ B	For FCC:5470 - 5725 For IC:5470 - 5600 5650 - 5725
	For RSS: For conducted output power: 250 mW (23.98 dBm) or 11 + 10 $\log_{10}$ B	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or 17 + 10 $\log_{10}$ B	
	1 Watt (30 dBm)	5725-5850
Note 1：For FCC: B=26 bandwidth; For ISED: B=99% bandwidth. Note 2：If transmiting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi, but for fixed point-to-point transmitters operating in 5150-5250MHz band that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and operating in 5725-5850 band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.		

8.3. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator
Measure the output power of each antenna port by power sensor.

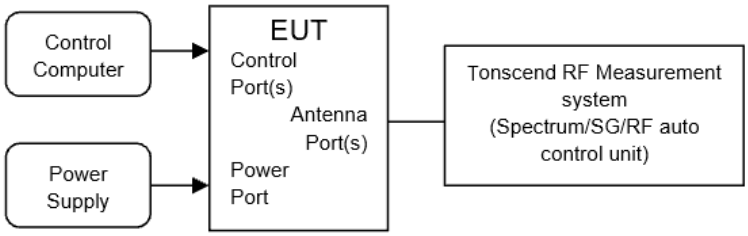
8.4. Test result channel power

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.7-26.2℃,38.2-45.2%RH	Test Date:	2025.05.16-2025.06.12
Test Power Supply:	DC 12V	Sample Number:	S25050721-001

Test Mode	Ant.	Freq [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	ISEDEIRP Limit [dBm]	Verdict
11A	Ant1	5180	97.64	0.10	14.27	≤23.98	≤17.46	19.21	≤22.40	PASS
		5200	95.39	0.20	14.71	≤23.98	≤17.40	19.65	≤22.34	PASS
		5240	98.10	0.08	15.65	≤23.98	≤17.48	20.59	≤22.42	PASS
		5745	93.21	0.31	17.88	≤29.09	≤29.09	24.79	---	PASS
		5785	97.18	0.12	18.33	≤29.09	≤29.09	25.24	---	PASS
		5825	94.95	0.23	18.62	≤29.09	≤29.09	25.53	---	PASS
11N20SISO	Ant1	5180	98.47	0.07	14.40	≤23.98	≤17.63	19.34	≤22.57	PASS
		5200	94.61	0.24	14.85	≤23.98	≤17.63	19.79	≤22.57	PASS
		5240	93.20	0.31	15.99	≤23.98	≤17.65	20.93	≤22.59	PASS
		5745	92.31	0.35	17.28	≤29.09	≤29.09	24.19	---	PASS
		5785	95.54	0.20	17.95	≤29.09	≤29.09	24.86	---	PASS
		5825	92.34	0.35	18.29	≤29.09	≤29.09	25.2	---	PASS
11N40SISO	Ant1	5190	82.46	0.84	15.47	≤23.98	≤18.07	20.41	≤23.01	PASS
		5230	95.52	0.20	15.60	≤23.98	≤18.07	20.54	≤23.01	PASS
		5755	90.48	0.43	17.62	≤29.09	≤29.09	24.53	---	PASS
		5795	84.82	0.72	18.21	≤29.09	≤29.09	25.12	---	PASS
11AC20SISO	Ant1	5180	91.90	0.37	14.46	≤23.98	≤17.63	19.40	≤22.57	PASS
		5200	91.90	0.37	14.94	≤23.98	≤17.66	19.88	≤22.60	PASS
		5240	92.82	0.32	15.54	≤23.98	≤17.62	20.48	≤22.56	PASS
		5745	95.54	0.20	15.94	≤29.09	≤29.09	22.85	---	PASS
		5785	93.69	0.28	17.74	≤29.09	≤29.09	24.65	---	PASS
		5825	94.52	0.24	18.07	≤29.09	≤29.09	24.98	---	PASS
11AC40SISO	Ant1	5190	88.79	0.52	14.73	≤23.98	≤18.07	19.67	≤23.01	PASS
		5230	87.16	0.60	15.73	≤23.98	≤18.07	20.67	≤23.01	PASS
		5755	84.82	0.72	17.61	≤29.09	≤29.09	24.52	---	PASS
		5795	87.96	0.56	18.21	≤29.09	≤29.09	25.12	---	PASS
11AC80SISO	Ant1	5210	74.19	1.30	15.72	≤23.98	≤18.07	20.66	≤23.01	PASS
		5775	73.02	1.37	18.46	≤29.09	≤29.09	25.37	---	PASS

9. Power Spectral Density

9.1. Block diagram of test setup



9.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	For RSS eirp: 10 dBm/MHz	
	11 dBm/MHz	5250-5350
	11 dBm/MHz	For FCC: 5470 - 5725 For ISED: 5470 - 5600 5650 - 5725
	30 dBm/500 kHz	5725-5850
Note：If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi, but for fixed point-to-point transmitters operating in 5150-5250MHz band that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum Power Spectral Density.		

9.3. Test procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyser and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

9.4. Test result

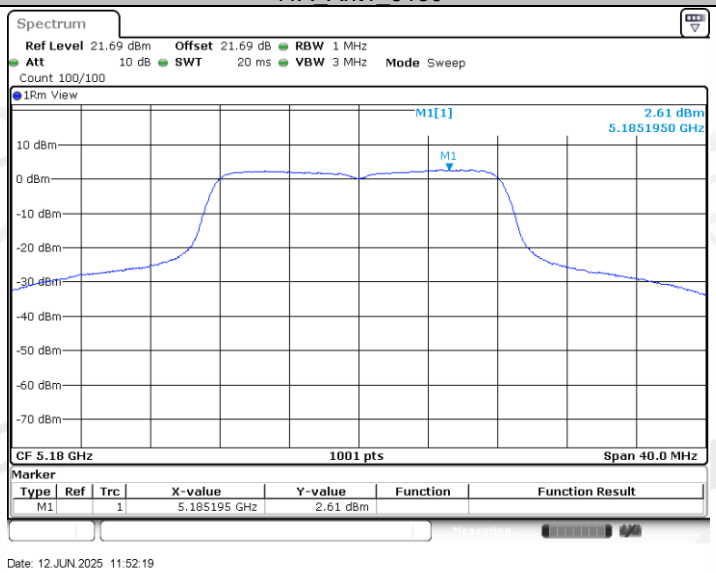
Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.7-26.2℃,38.2-45.2%RH	Test Date:	2025.05.16-2025.06.12
Test Power Supply:	DC 12V	Sample Number:	S25050721-001

Test Mode	Antenna	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	ISED EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.61	≤11.00	7.55	≤10.00	PASS
		5200	3.02	≤11.00	7.96	≤10.00	PASS
		5240	3.76	≤11.00	8.70	≤10.00	PASS
		5745	3.07	≤29.09	9.98	---	PASS
		5785	3.33	≤29.09	10.24	---	PASS
		5825	3.42	≤29.09	10.33	---	PASS
11N20SISO	Ant1	5180	2.68	≤11.00	7.62	≤10.00	PASS
		5200	2.94	≤11.00	7.88	≤10.00	PASS
		5240	3.96	≤11.00	8.90	≤10.00	PASS
		5745	2.44	≤29.09	9.35	---	PASS
		5785	2.76	≤29.09	9.67	---	PASS
		5825	3.01	≤29.09	9.92	---	PASS
11N40SISO	Ant1	5190	0.57	≤11.00	5.51	≤10.00	PASS
		5230	0.66	≤11.00	5.60	≤10.00	PASS
		5755	-0.49	≤29.09	6.42	---	PASS
		5795	0.18	≤29.09	7.09	---	PASS
11AC20SISO	Ant1	5180	2.68	≤11.00	7.62	≤10.00	PASS
		5200	3.03	≤11.00	7.97	≤10.00	PASS
		5240	3.59	≤11.00	8.53	≤10.00	PASS
		5745	1.83	≤29.09	8.74	---	PASS
		5785	2.53	≤29.09	9.44	---	PASS
		5825	2.90	≤29.09	9.81	---	PASS
11AC40SISO	Ant1	5190	-0.16	≤11.00	4.78	≤10.00	PASS
		5230	0.79	≤11.00	5.73	≤10.00	PASS
		5755	-0.30	≤29.09	6.61	---	PASS
		5795	-0.04	≤29.09	6.87	---	PASS
11AC80SISO	Ant1	5210	-0.40	≤11.00	4.54	≤10.00	PASS
		5775	-1.36	≤29.09	5.55	---	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor is compensated in the graph.

9.5. Test graphs

11A_Ant1_5180



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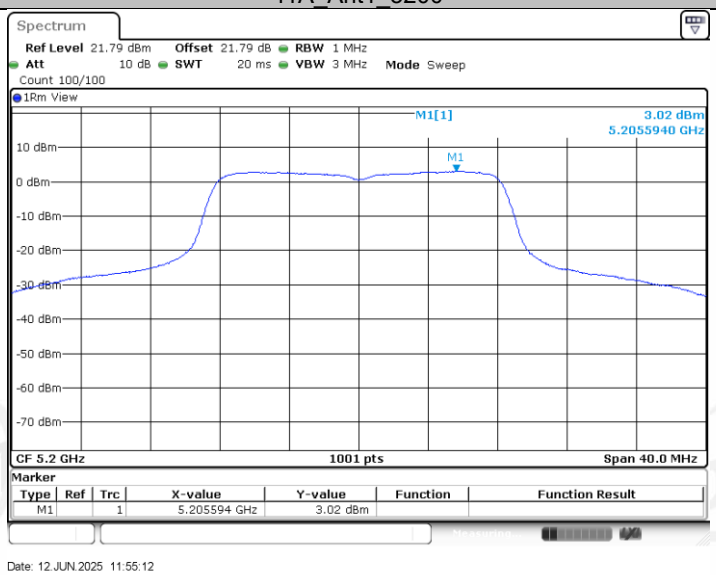

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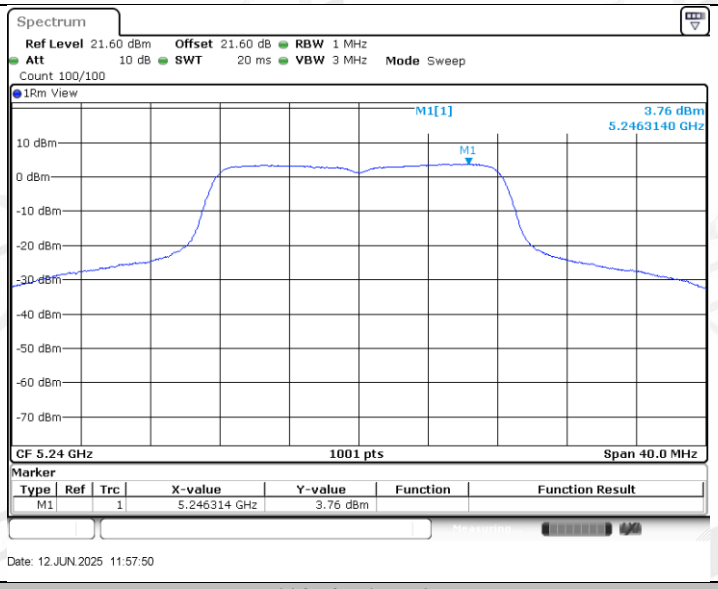

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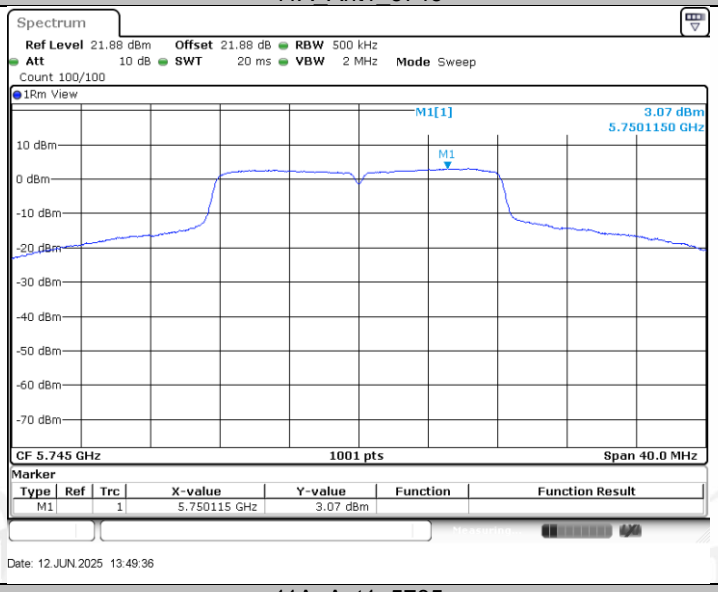

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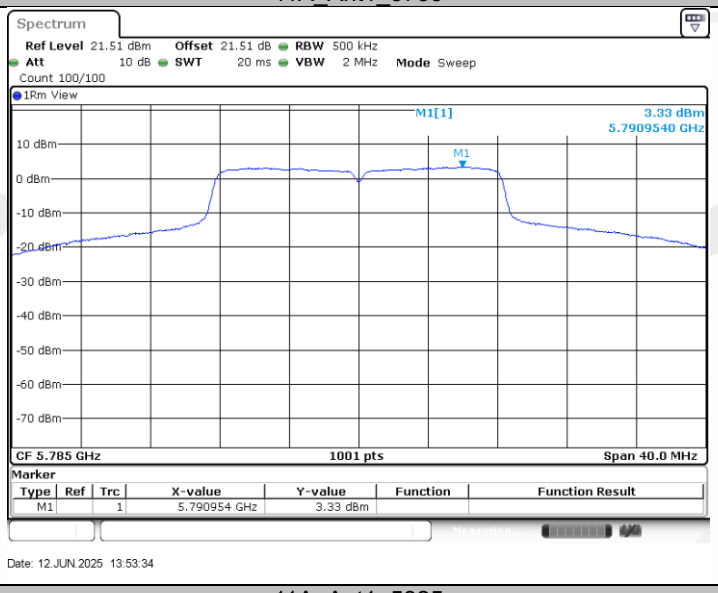

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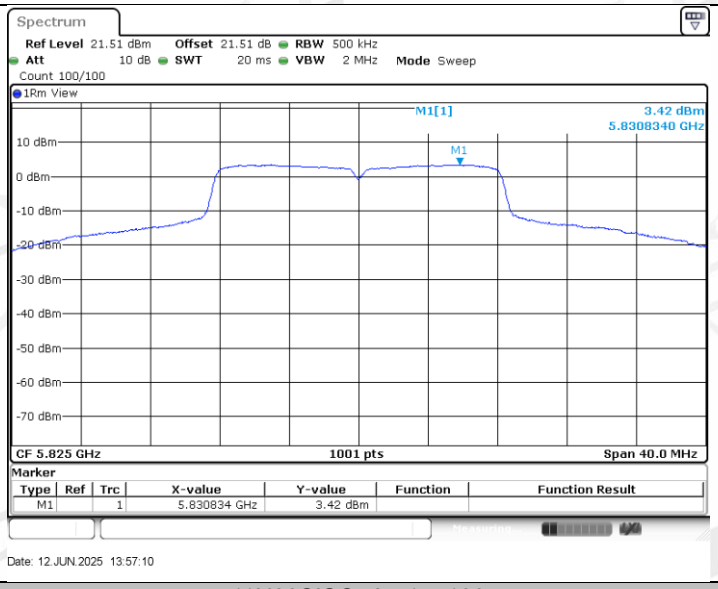

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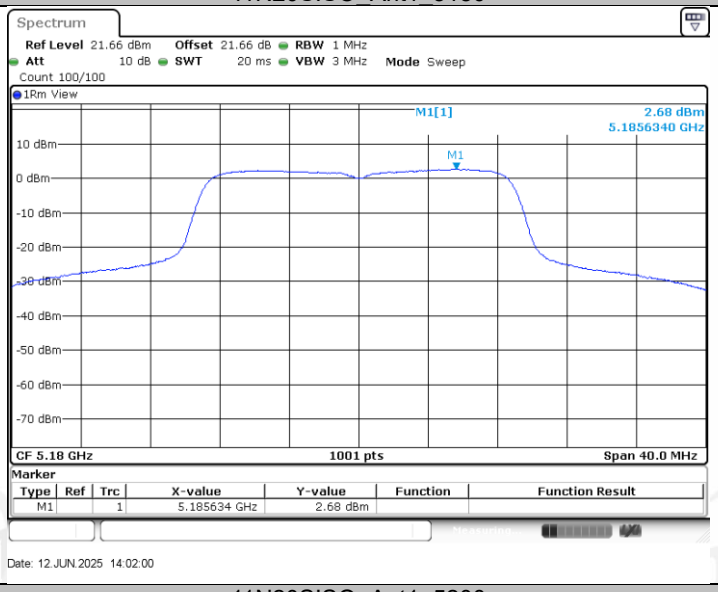

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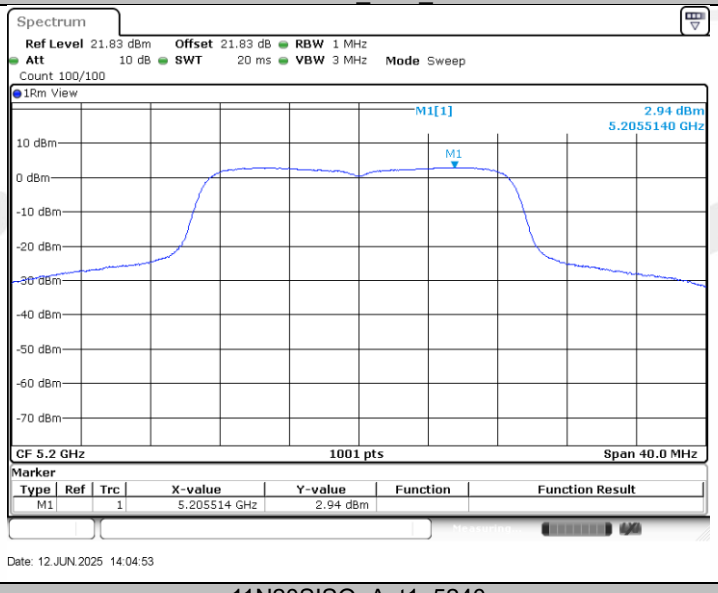

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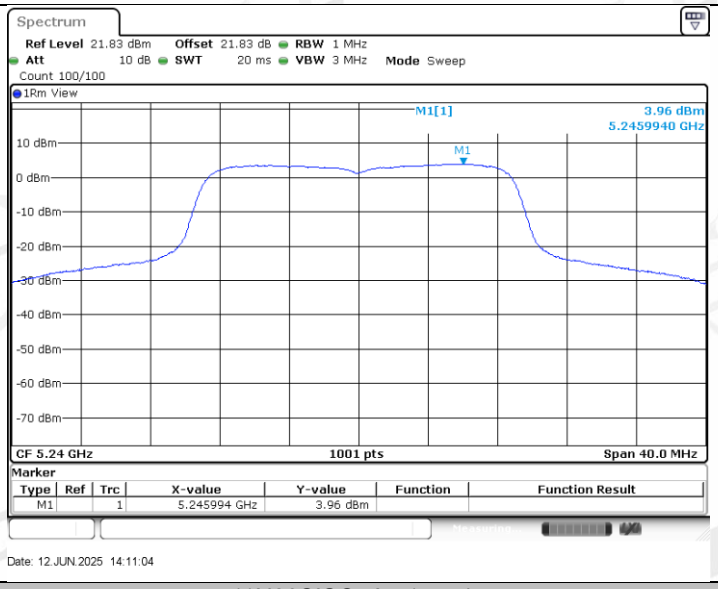

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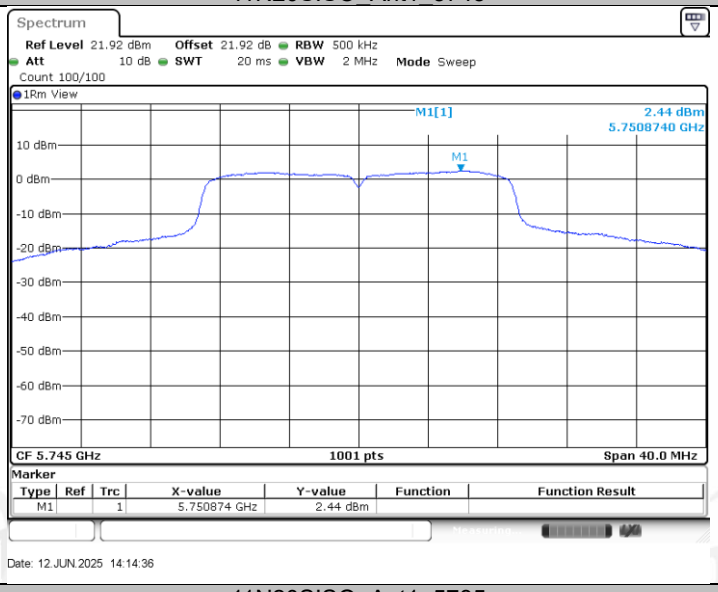

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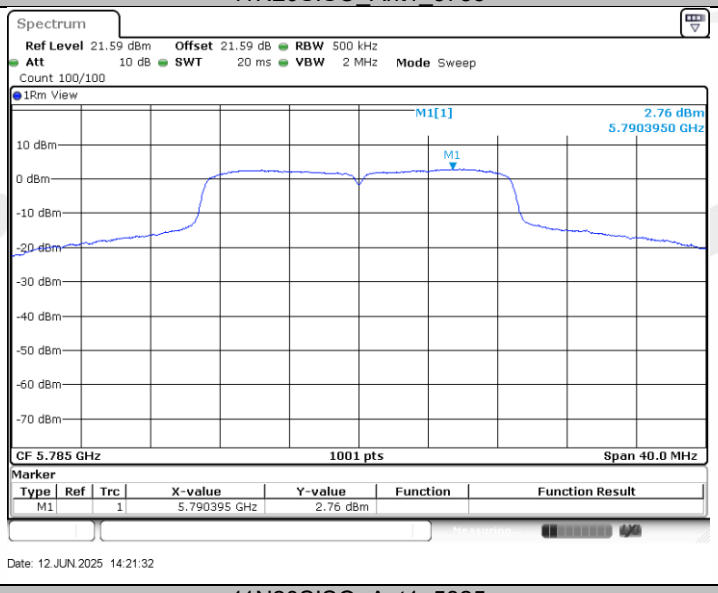
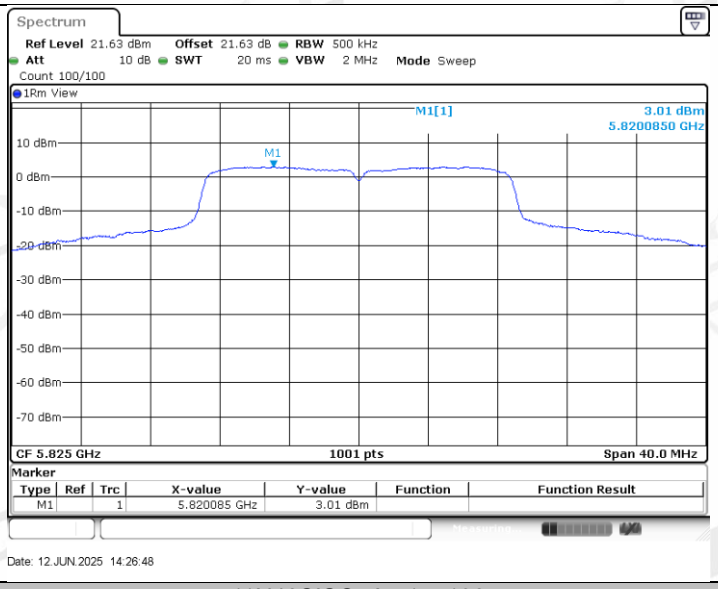


11N20SISO_Ant1_5825



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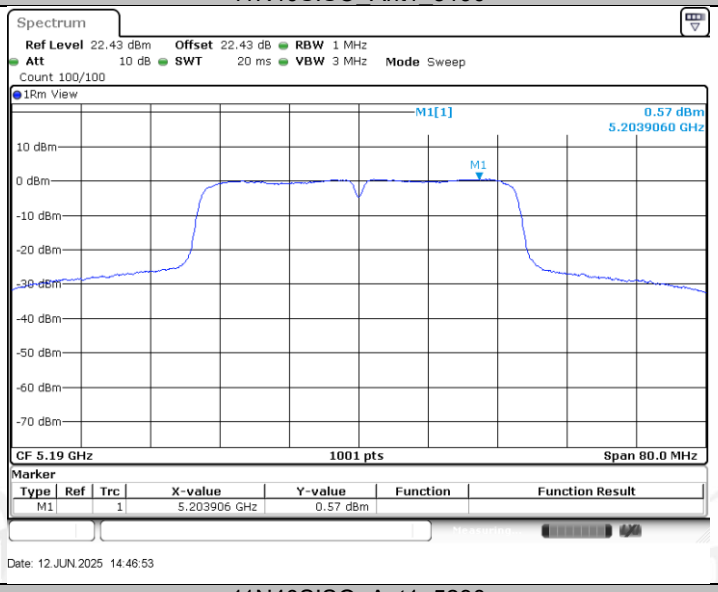
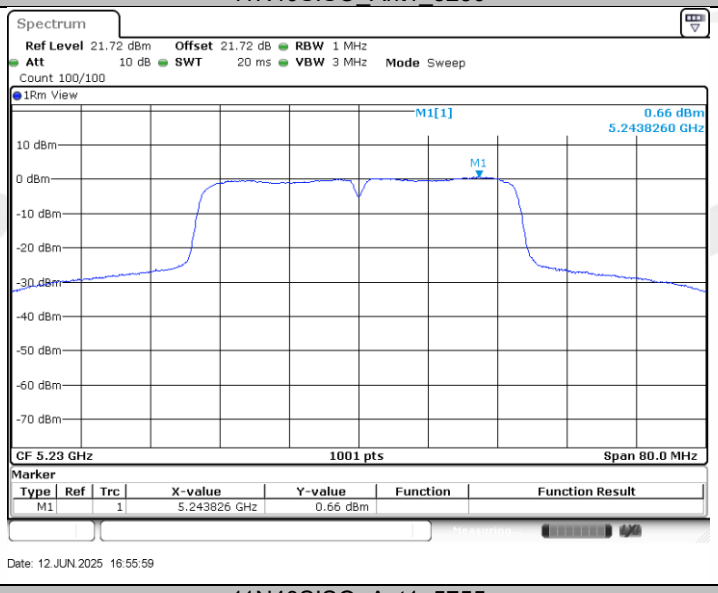


11N40SISO_Ant1_5230



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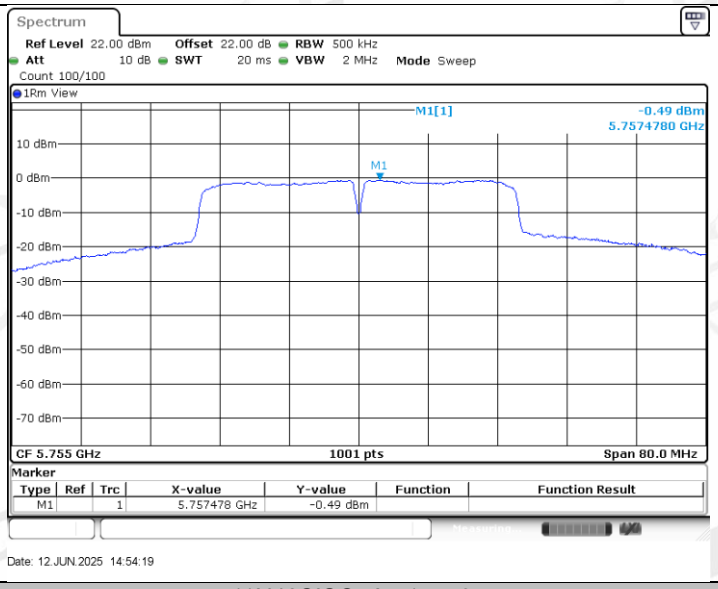

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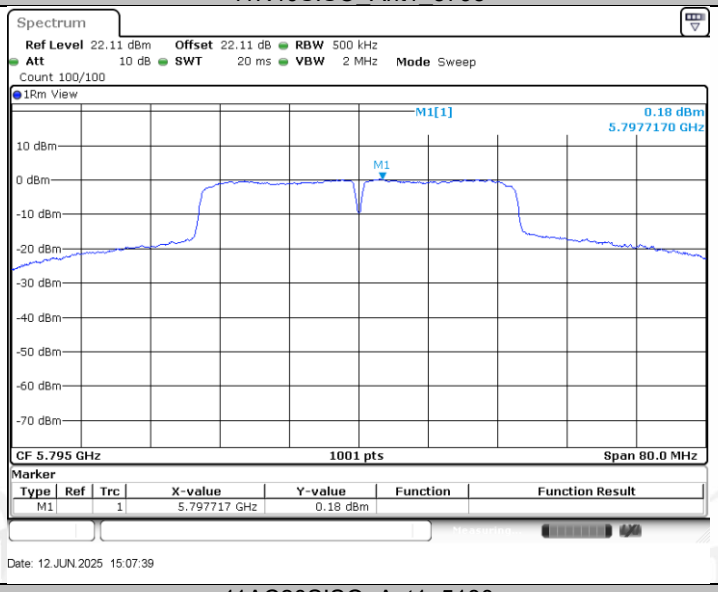

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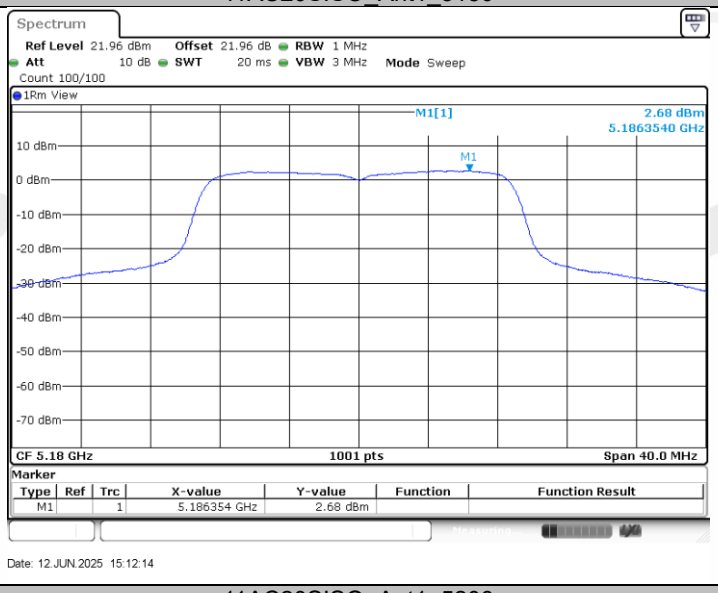

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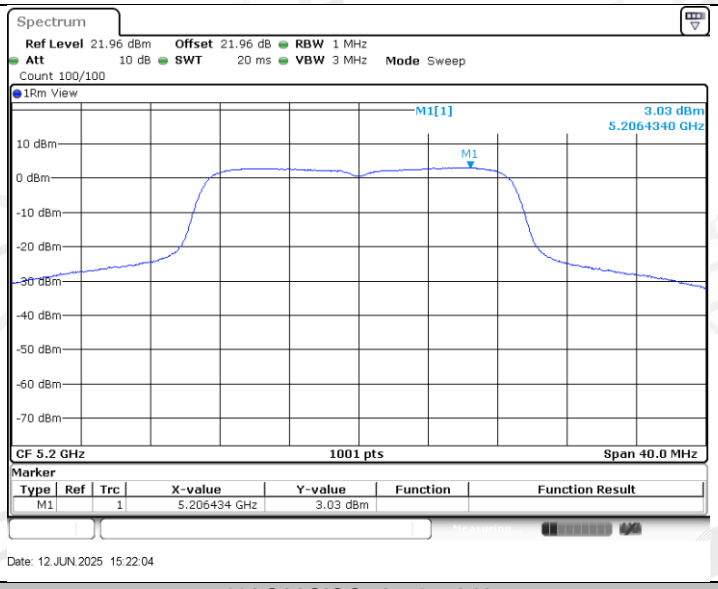

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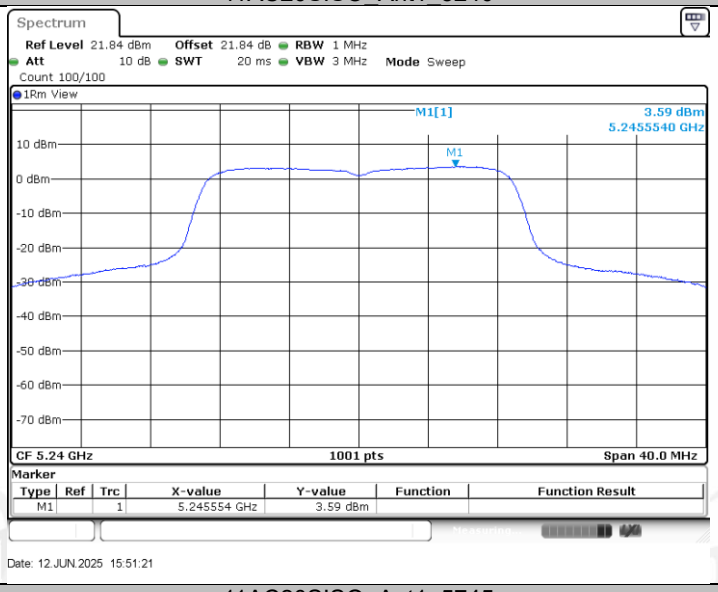
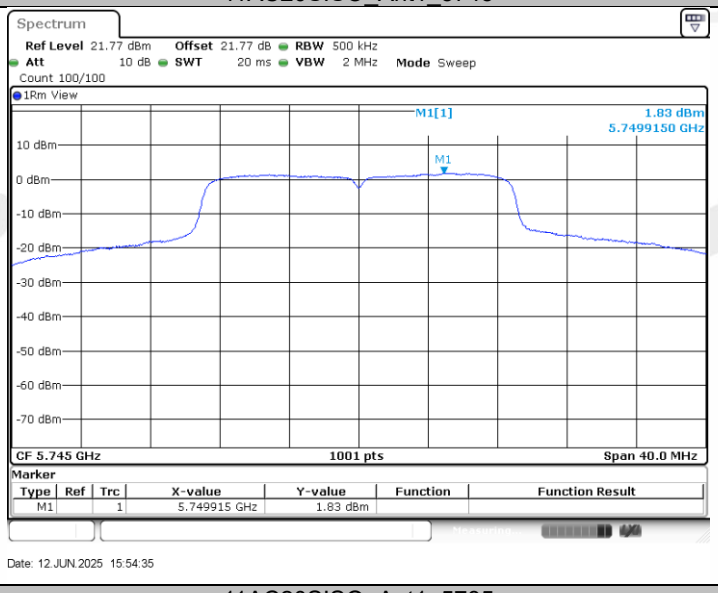


11AC20SISO_Ant1_5745



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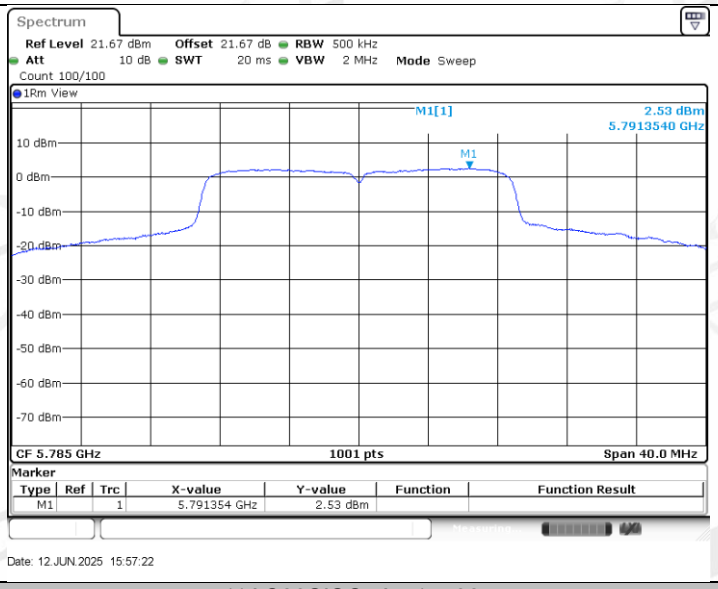

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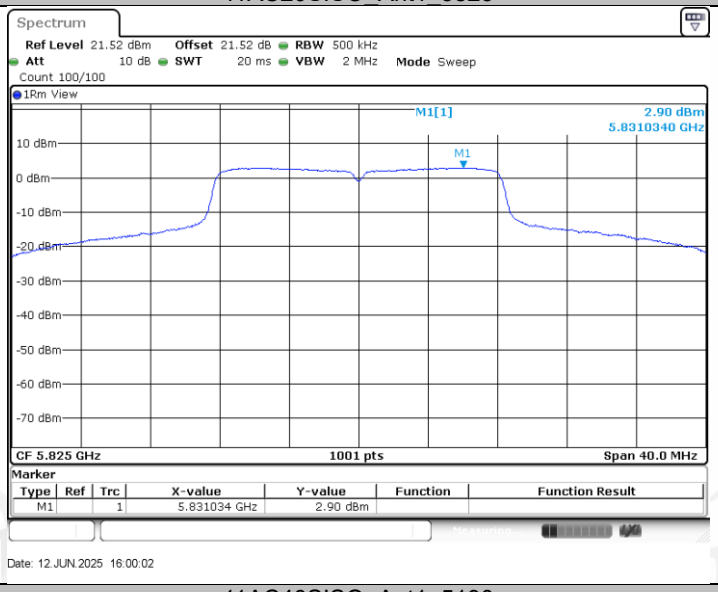

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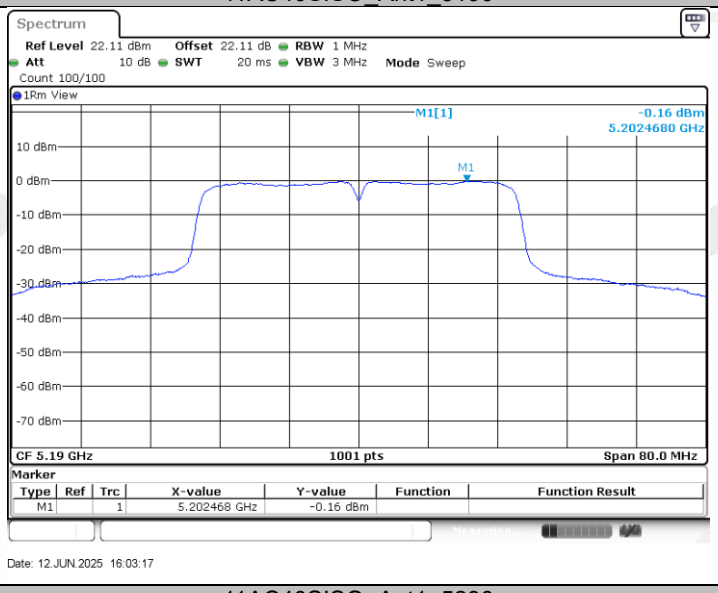
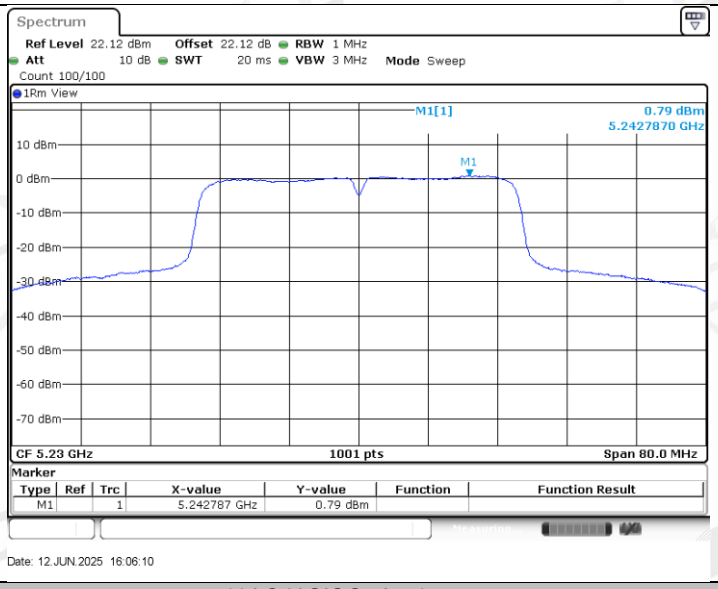


11AC40SISO_Ant1_5230



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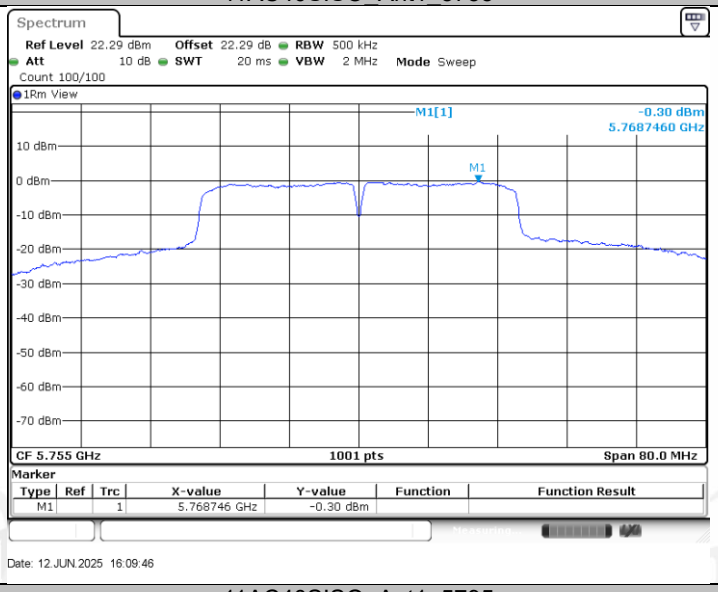

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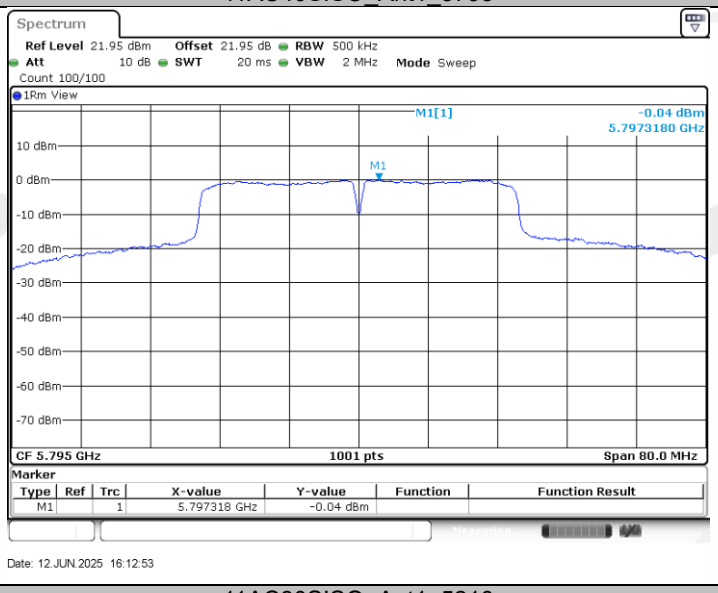
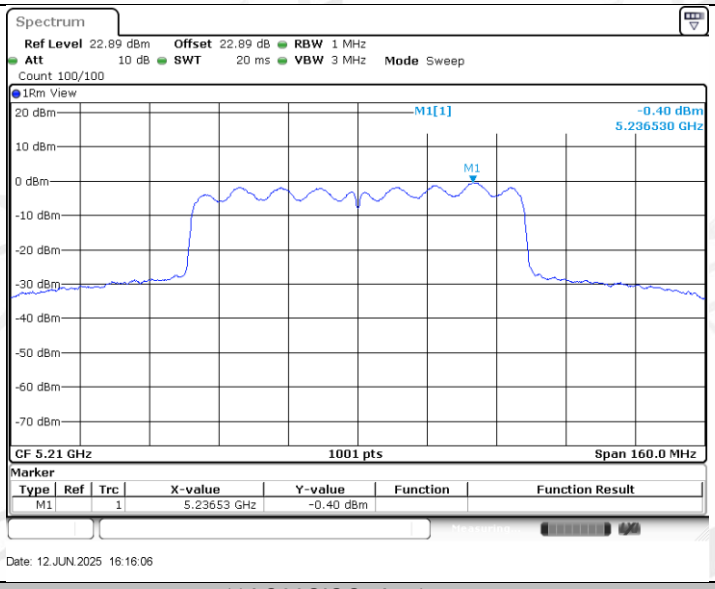
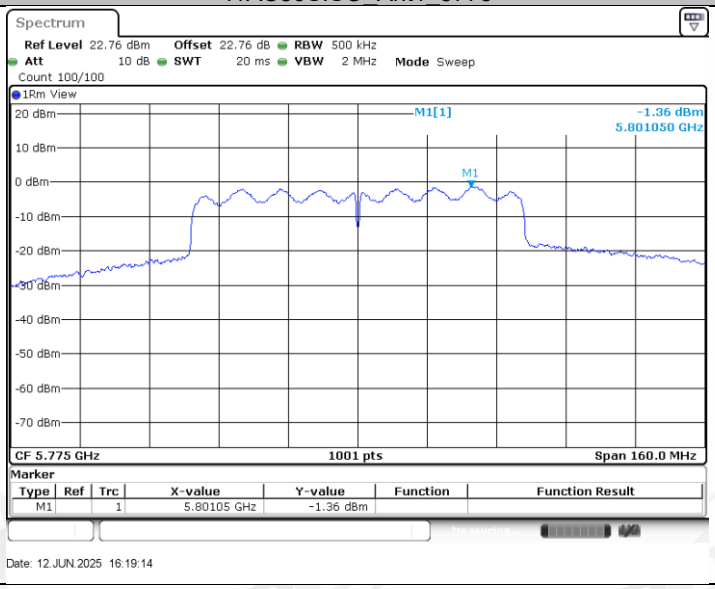


11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



10. Frequency Stability Measurement

10.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

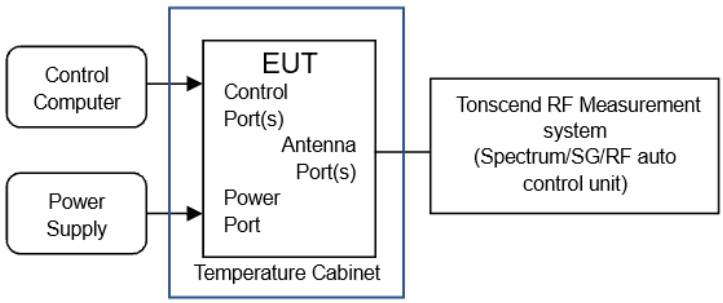
10.2. Measuring Instruments

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

10.3. Test procedures

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

10.4. Test setup



10.5. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.7-26.2℃,38.2-45.2%RH	Test Date:	2025.05.16-2025.06.12
Test Power Supply:	DC 12V	Sample Number:	S25050721-001

Voltage								
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-40000.00	-7.692308	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-40000.00	-7.633588	20	PASS
		5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5785	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.457217	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.433476	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	-15.355086	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-40	-20000.00	-3.861004	20	PASS
			NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
			NV	60	-20000.00	-3.861004	20	PASS
			NV	70	-20000.00	-3.861004	20	PASS
			NV	80	-20000.00	-3.861004	20	PASS
			NV	85	-20000.00	-3.861004	20	PASS

		5200	NV	-40	-40000.00	-7.692308	20	PASS
			NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.692308	20	PASS
			NV	20	-40000.00	-7.692308	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	-40000.00	-7.692308	20	PASS
			NV	70	-20000.00	-3.846154	20	PASS
			NV	80	-20000.00	-3.846154	20	PASS
			NV	85	-40000.00	-7.692308	20	PASS
		5240	NV	-40	-20000.00	-3.816794	20	PASS
			NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	-40000.00	-7.633588	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
			NV	60	-20000.00	-3.816794	20	PASS
			NV	70	-20000.00	-3.816794	20	PASS
			NV	80	-20000.00	-3.816794	20	PASS
			NV	85	-20000.00	-3.816794	20	PASS
		5745	NV	-40	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.481288	20	PASS
			NV	-10	-20000.00	-3.481288	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	-20000.00	-3.481288	20	PASS
		5785	NV	-40	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.457217	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.457217	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	-20000.00	-3.457217	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	-20000.00	-3.457217	20	PASS
		5825	NV	-40	0.00	0.000000	20	PASS
			NV	-30	-20000.00	-3.433476	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.433476	20	PASS
			NV	20	-20000.00	-3.433476	20	PASS
			NV	30	0.00	0.000000	20	PASS

			NV	40	-20000.00	-3.433476	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	-40	-40000.00	-7.707129	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	-40000.00	-7.707129	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	0.00	0.000000	20	PASS
		5230	NV	-40	-40000.00	-7.648184	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	0.00	0.000000	20	PASS
		5755	NV	-40	0.00	0.000000	20	PASS
			NV	-30	-40000.00	-6.950478	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	6.950478	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	0.00	0.000000	20	PASS
		5795	NV	-40	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	-40	-80000.00	-15.355086	20	PASS
			NV	-30	80000.00	15.355086	20	PASS

			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-80000.00	-15.355086	20	PASS
			NV	0	80000.00	15.355086	20	PASS
			NV	10	-80000.00	-15.355086	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.00	-15.355086	20	PASS
			NV	40	-80000.00	-15.355086	20	PASS
			NV	50	80000.00	15.355086	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	-80000.00	-15.355086	20	PASS
			NV	80	-80000.00	-15.355086	20	PASS
			NV	85	-80000.00	-15.355086	20	PASS
		5775	NV	-40	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	80	0.00	0.000000	20	PASS
			NV	85	0.00	0.000000	20	PASS

11. Antenna Requirements

11.1. Limit

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

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.

11.2. Result

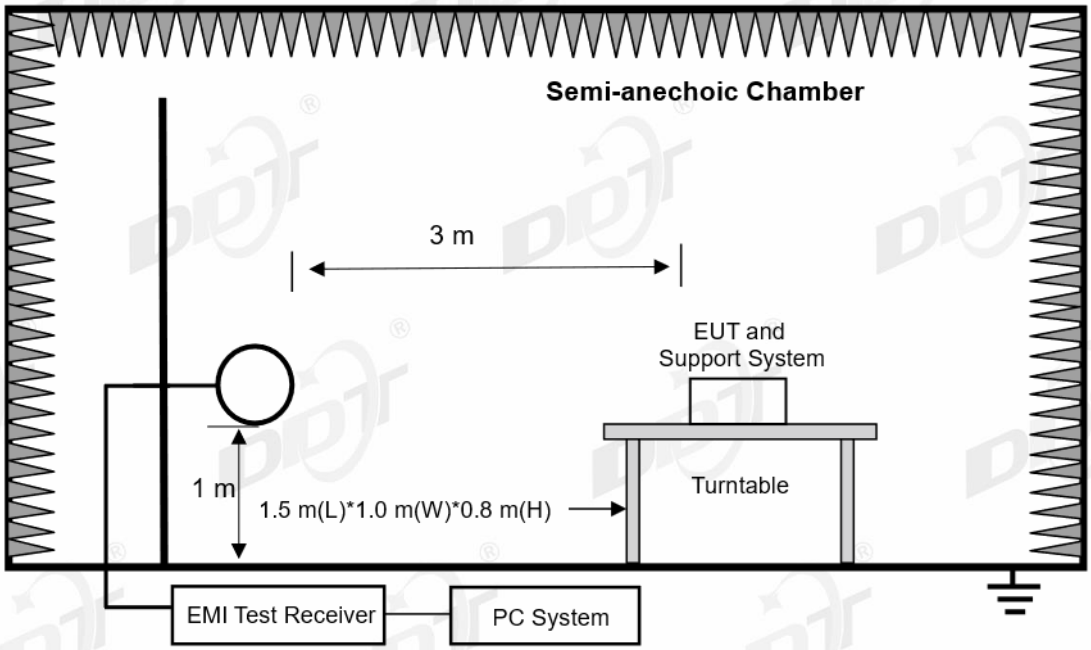
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

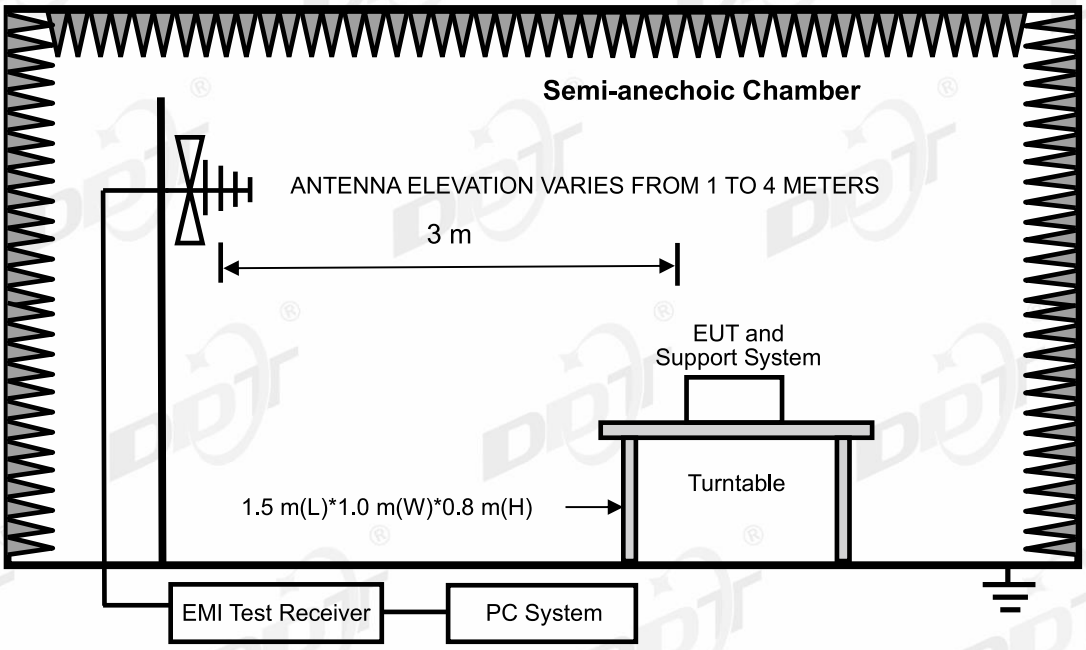
12. Radiated Emission

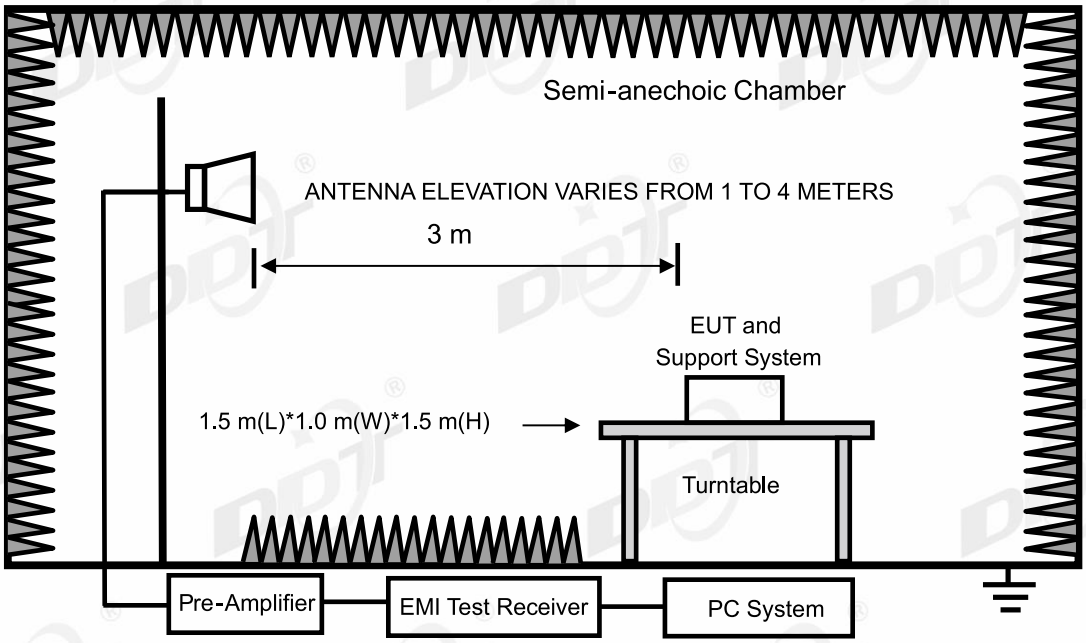
12.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

12.2. Block diagram of test setup







12.3. Limits

(1) FCC 15.205 Restricted frequency band

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

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

2Above 38.6

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.

12.4. Assistant equipment used for test

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

12.5. Test procedure

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

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

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

According ANSI C63.10:2013 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0°to 360°on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the 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 C63.10:2013 on Radiated Emission test.

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

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

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

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

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

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

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

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

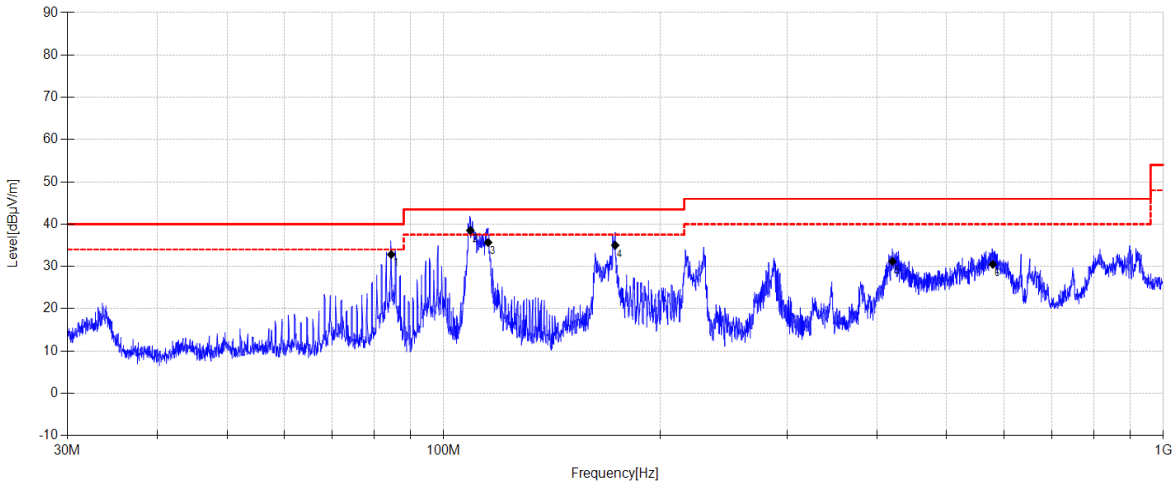
12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-06-13	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 5G Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC BELOW1G\20250613-032834_H		
Memo:	Sample Numble:S25050721-001		



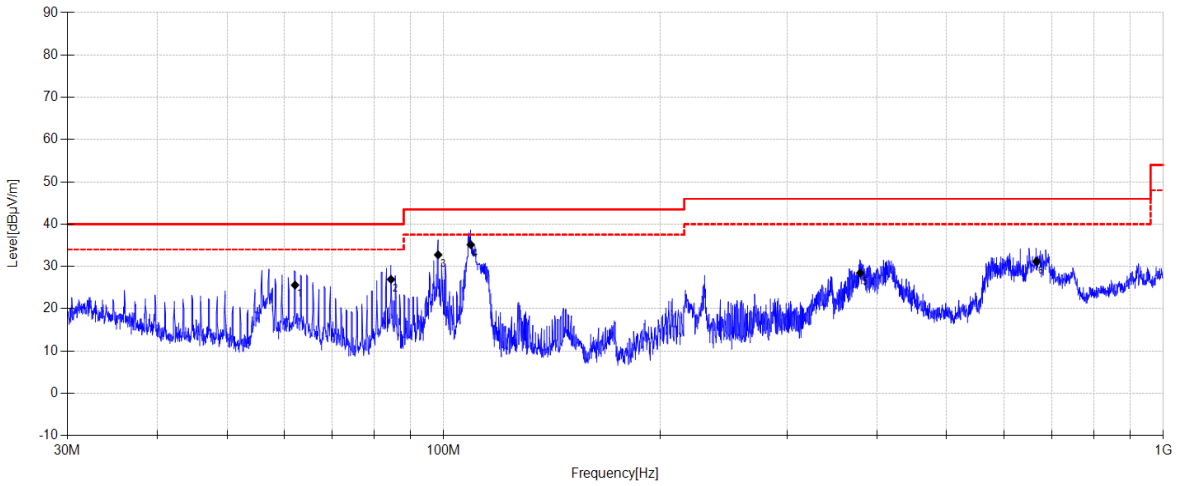
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	84.566	50.86	8.94	4.12	32.82	40.00	7.18	QP	Horizontal
2	108.924	53.31	12.05	4.27	38.52	43.50	4.98	QP	Horizontal
3	115.290	51.98	10.50	4.30	35.66	43.50	7.84	QP	Horizontal
4	173.144	52.03	9.54	4.61	35.01	43.50	8.49	QP	Horizontal
5	420.358	41.66	15.28	5.70	31.18	46.00	14.82	QP	Horizontal
6	579.545	36.75	18.95	6.29	30.49	46.00	15.51	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:	2025-06-13	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 5G Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC BELOW1G\20250613-032854_V		
Memo:	Sample Numble:S25050721-001		



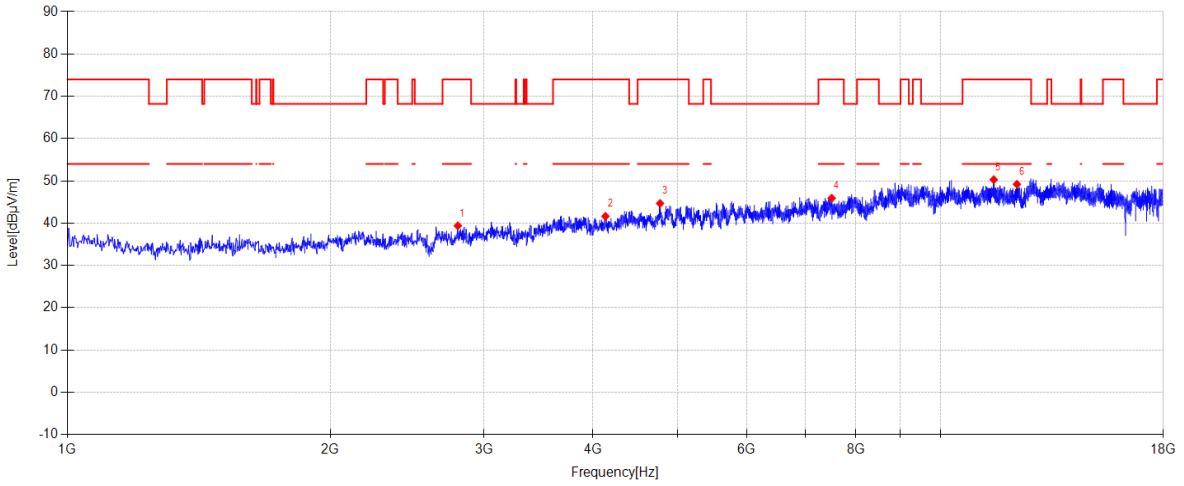
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	62.160	39.98	12.74	3.97	25.59	40.00	14.41	QP	Vertical
2	84.506	45.01	8.90	4.12	26.93	40.00	13.07	QP	Vertical
3	98.256	48.52	11.12	4.21	32.75	43.50	10.75	QP	Vertical
4	109.077	49.87	12.10	4.27	35.13	43.50	8.37	QP	Vertical
5	379.189	38.85	15.48	5.54	28.43	46.00	17.57	QP	Vertical
6	666.325	36.63	19.45	6.58	31.16	46.00	14.84	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5180MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\17		
Memo:	Sample Numble:S25050721-001		

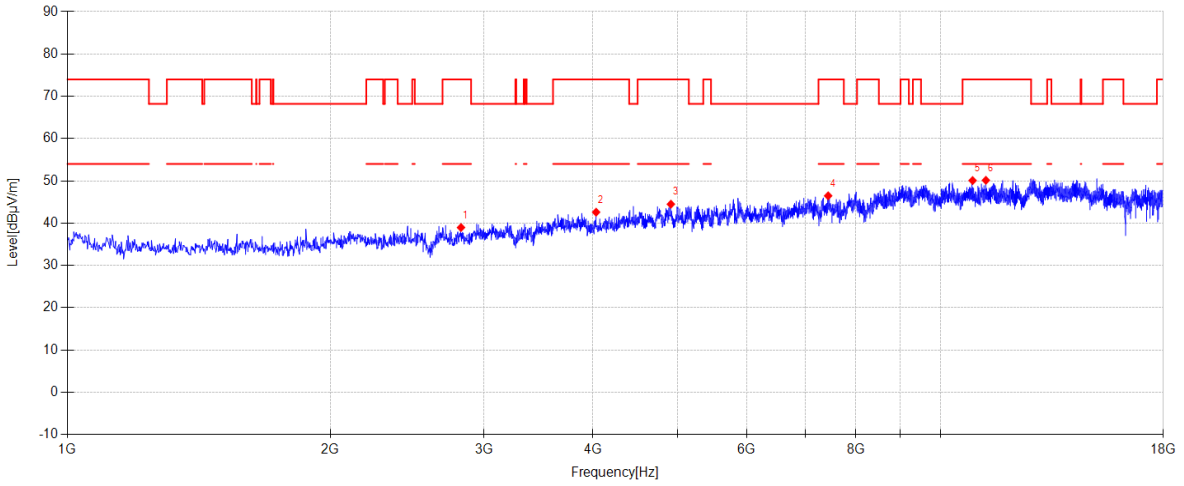


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2800.300	46.39	27.40	4.78	-39.19	39.38	74.00	34.62	PK	Horizontal
2	4133.100	44.65	31.17	5.47	-39.67	41.62	74.00	32.38	PK	Horizontal
3	4774.000	45.66	32.40	6.23	-39.62	44.67	74.00	29.33	PK	Horizontal
4	7505.900	42.40	36.49	7.55	-40.54	45.90	74.00	28.10	PK	Horizontal
5	11507.700	41.89	39.18	8.72	-39.51	50.28	74.00	23.72	PK	Horizontal
6	12235.300	40.71	39.30	9.13	-39.95	49.19	74.00	24.81	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5180MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\18		
Memo:	Sample Numble:S25050721-001		



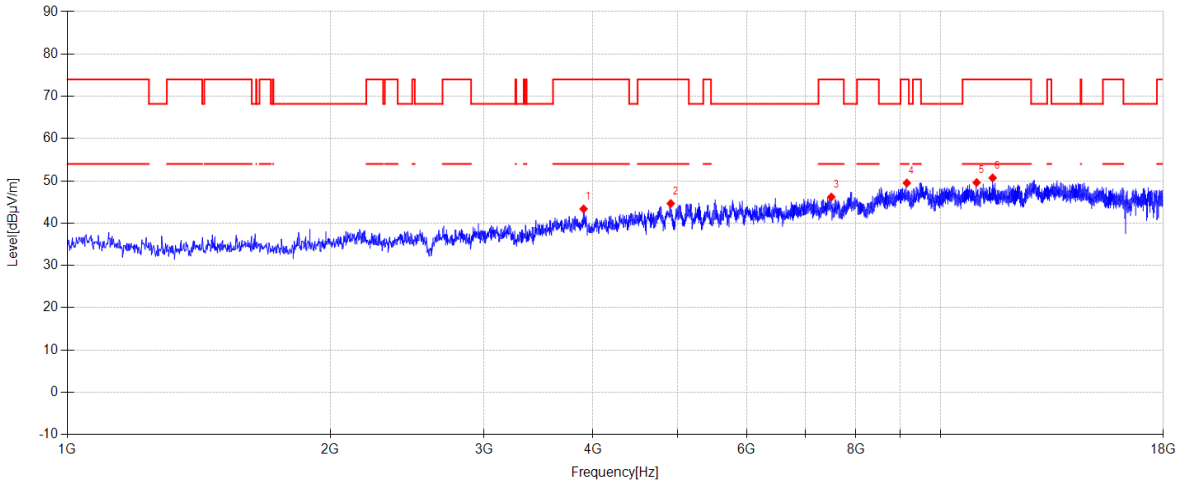
Suspected Data List

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	2824.100	45.79	27.59	4.81	-39.22	38.97	74.00	35.03	PK	Vertical
2	4032.800	45.96	30.97	5.35	-39.68	42.60	74.00	31.40	PK	Vertical
3	4911.700	44.69	33.02	6.39	-39.61	44.49	74.00	29.51	PK	Vertical
4	7436.200	42.94	36.63	7.51	-40.61	46.47	74.00	27.53	PK	Vertical
5	10885.500	41.46	39.31	8.38	-39.07	50.08	74.00	23.92	PK	Vertical
6	11273.100	41.63	39.20	8.58	-39.27	50.14	74.00	23.86	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5200MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\19		
Memo:	Sample Numble:S25050721-001		



Suspected 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	3901.900	46.55	31.20	5.28	-39.66	43.37	74.00	30.63	PK	Horizontal
2	4910.000	44.85	33.02	6.39	-39.61	44.65	74.00	29.35	PK	Horizontal
3	7499.100	42.69	36.50	7.55	-40.55	46.19	74.00	27.81	PK	Horizontal
4	9151.500	41.78	38.50	8.13	-38.92	49.49	74.00	24.51	PK	Horizontal
5	11001.100	40.89	39.30	8.42	-39.00	49.61	74.00	24.39	PK	Horizontal
6	11475.400	42.24	39.22	8.71	-39.48	50.69	74.00	23.31	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5200MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
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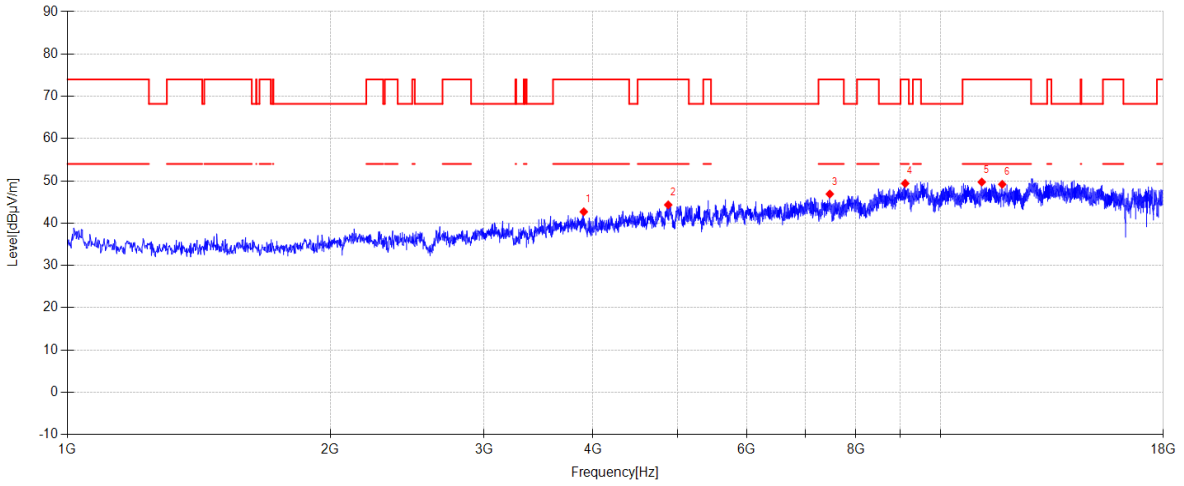
Memo:	Sample Numble:S25050721-001		

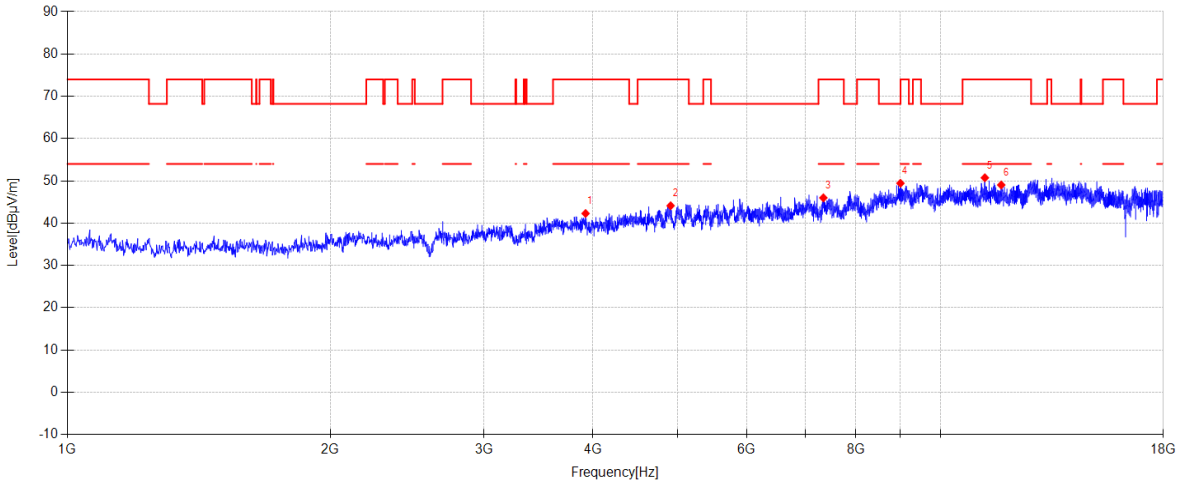


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3903.600	45.88	31.19	5.28	-39.66	42.69	74.00	31.31	PK	Vertical
2	4877.700	44.23	33.36	6.35	-39.61	44.33	74.00	29.67	PK	Vertical
3	7468.500	43.38	36.56	7.53	-40.58	46.89	74.00	27.11	PK	Vertical
4	9112.400	41.65	38.50	8.13	-38.89	49.39	74.00	24.61	PK	Vertical
5	11152.400	41.11	39.25	8.51	-39.15	49.72	74.00	24.28	PK	Vertical
6	11769.500	41.15	38.93	8.88	-39.77	49.19	74.00	24.81	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5240MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\21		
Memo:	Sample Numble:S25050721-001		

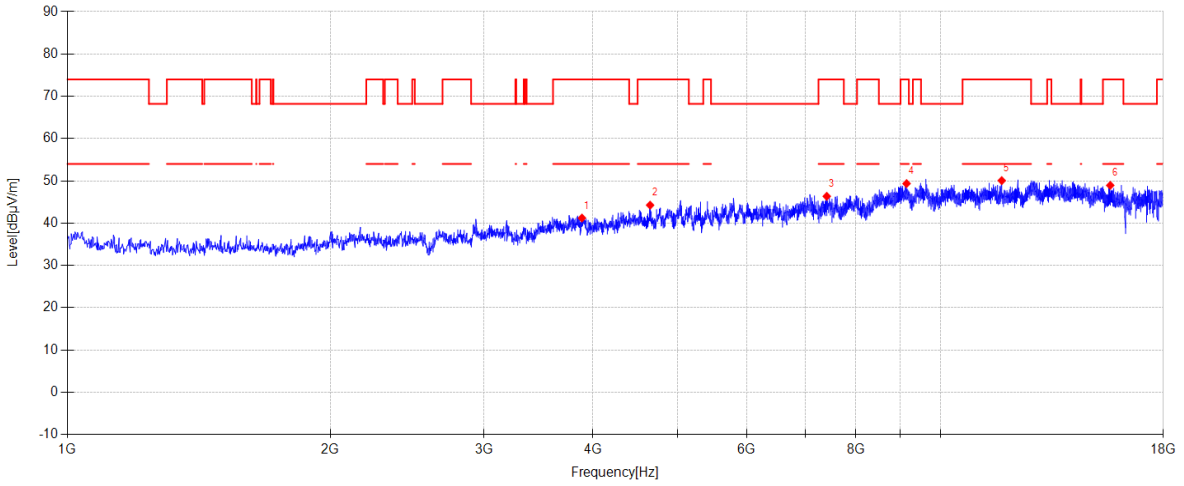


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3922.300	45.49	31.16	5.29	-39.66	42.28	74.00	31.72	PK	Horizontal
2	4908.300	44.32	33.02	6.39	-39.61	44.12	74.00	29.88	PK	Horizontal
3	7342.700	42.42	36.81	7.45	-40.69	45.99	74.00	28.01	PK	Horizontal
4	8998.500	41.80	38.30	8.13	-38.80	49.43	68.20	18.77	PK	Horizontal
5	11242.500	42.21	39.20	8.57	-39.24	50.74	74.00	23.26	PK	Horizontal
6	11738.900	40.95	38.96	8.86	-39.74	49.03	74.00	24.97	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5240MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\22		
Memo:	Sample Numble:S25050721-001		



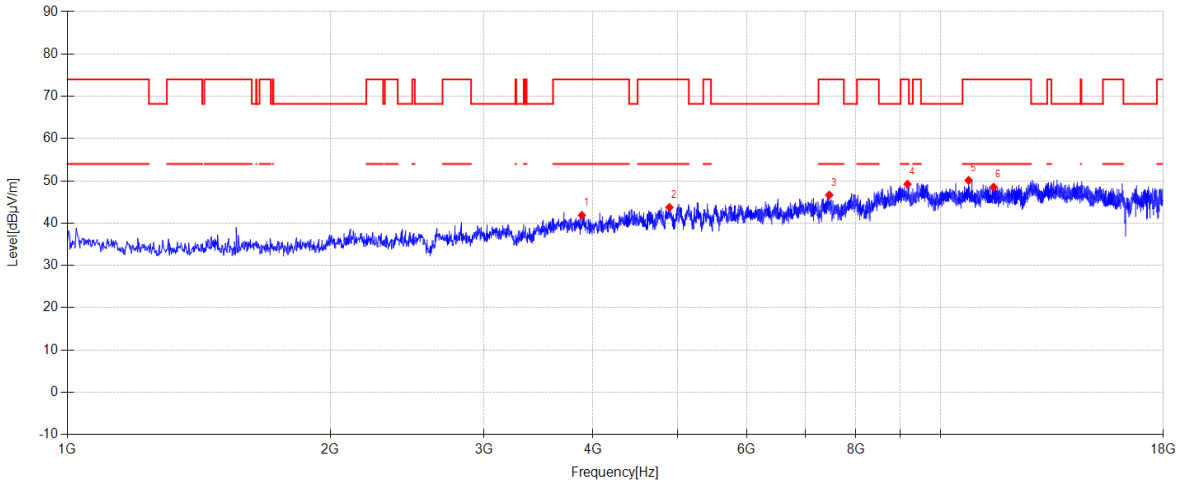
Suspected Data List

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	44.48	31.11	5.27	-39.65	41.21	74.00	32.79	PK	Vertical
2	4649.900	45.81	32.00	6.08	-39.63	44.26	74.00	29.74	PK	Vertical
3	7409.000	42.81	36.68	7.49	-40.63	46.35	74.00	27.65	PK	Vertical
4	9144.700	41.65	38.50	8.13	-38.92	49.36	74.00	24.64	PK	Vertical
5	11754.200	42.00	38.95	8.87	-39.75	50.07	74.00	23.93	PK	Vertical
6	15648.900	39.71	38.55	10.08	-39.40	48.94	74.00	25.06	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5745MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\15		
Memo:	Sample Numble:S25050721-001		



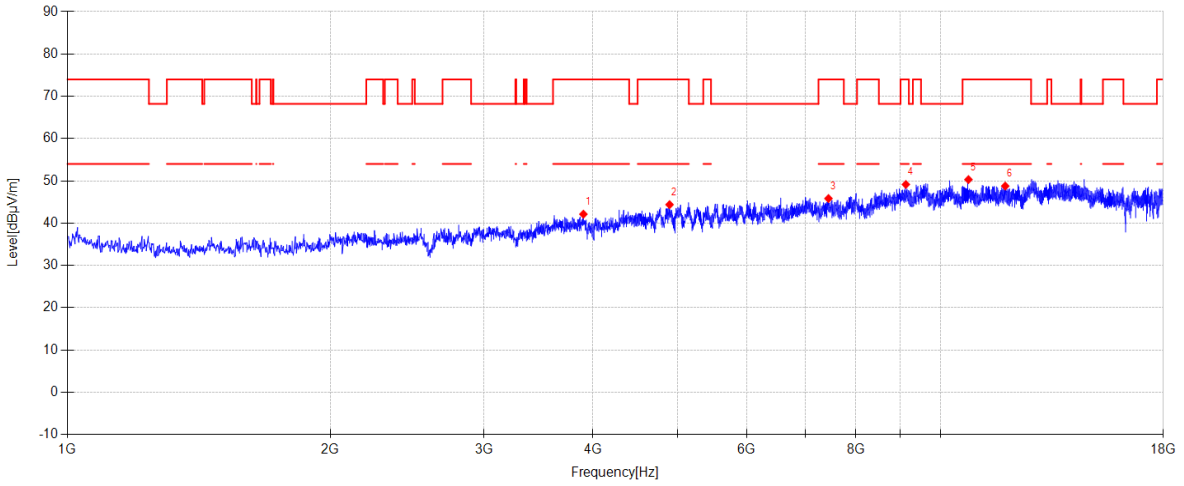
Suspected Data List

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	45.13	31.11	5.27	-39.65	41.86	74.00	32.14	PK	Horizontal
2	4893.000	43.87	33.11	6.37	-39.61	43.74	74.00	30.26	PK	Horizontal
3	7458.300	43.14	36.58	7.52	-40.59	46.65	74.00	27.35	PK	Horizontal
4	9166.800	41.51	38.53	8.12	-38.93	49.23	74.00	24.77	PK	Horizontal
5	10771.600	41.50	39.40	8.35	-39.14	50.11	74.00	23.89	PK	Horizontal
6	11504.300	40.11	39.19	8.72	-39.50	48.52	74.00	25.48	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5745MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\16		
Memo:	Sample Numble:S25050721-001		



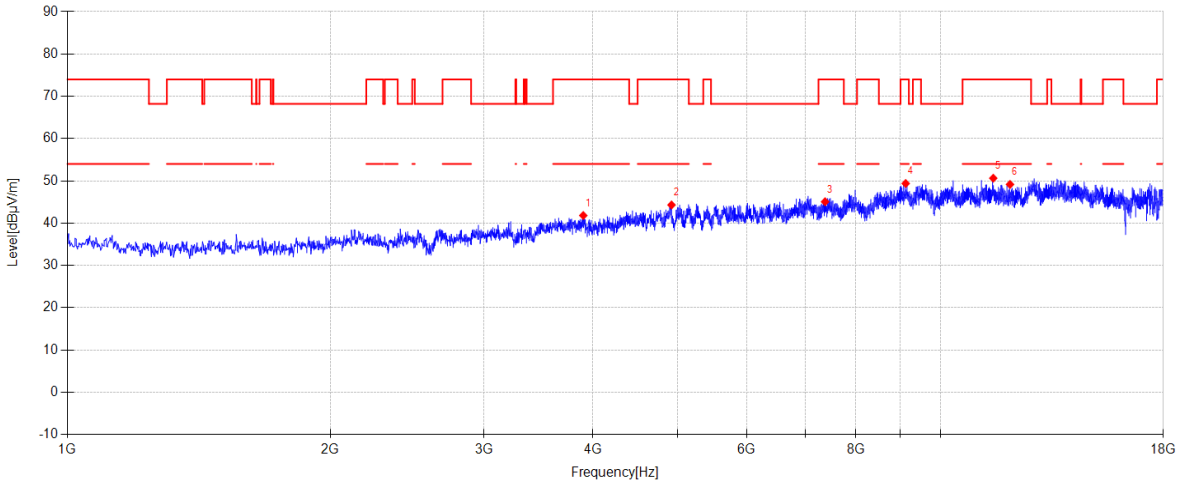
Suspected Data List

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	3900.200	45.30	31.20	5.28	-39.66	42.12	74.00	31.88	PK	Vertical
2	4894.700	44.54	33.08	6.37	-39.61	44.38	74.00	29.62	PK	Vertical
3	7443.000	42.31	36.61	7.51	-40.60	45.83	74.00	28.17	PK	Vertical
4	9127.700	41.42	38.50	8.13	-38.90	49.15	74.00	24.85	PK	Vertical
5	10766.500	41.70	39.40	8.35	-39.14	50.31	74.00	23.69	PK	Vertical
6	11863.000	40.79	38.90	8.94	-39.86	48.77	74.00	25.23	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5785MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\17		
Memo:	Sample Numble:S25050721-001		



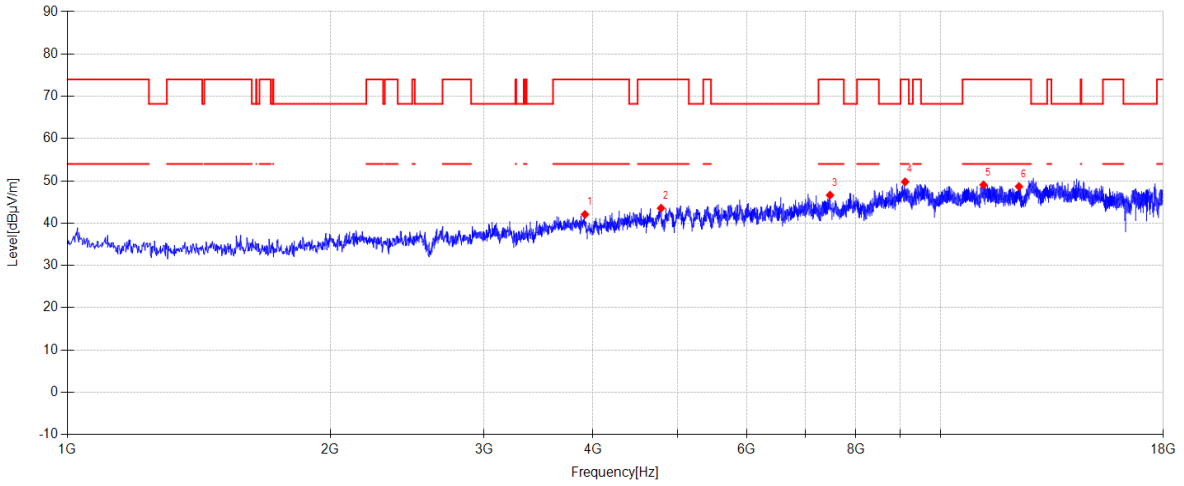
Suspected Data List

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	3898.500	45.00	31.19	5.28	-39.66	41.81	74.00	32.19	PK	Horizontal
2	4920.200	44.46	33.04	6.41	-39.61	44.30	74.00	29.70	PK	Horizontal
3	7376.700	41.50	36.75	7.47	-40.66	45.06	74.00	28.94	PK	Horizontal
4	9124.300	41.65	38.50	8.13	-38.90	49.38	74.00	24.62	PK	Horizontal
5	11494.100	42.19	39.21	8.72	-39.49	50.63	74.00	23.37	PK	Horizontal
6	12012.600	40.92	39.21	9.03	-40.00	49.16	74.00	24.84	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5785MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\18		
Memo:	Sample Numble:S25050721-001		



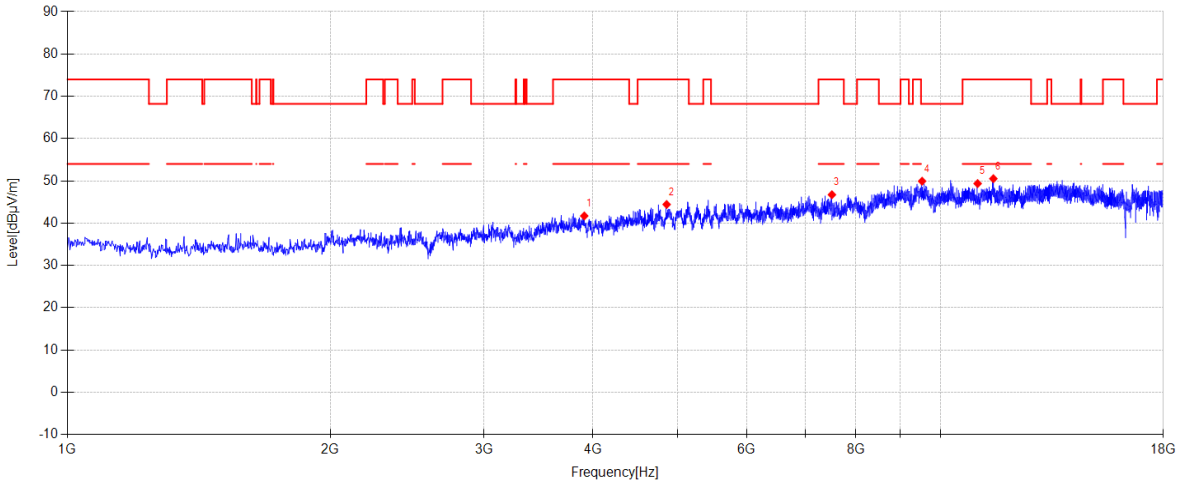
Suspected Data List

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	3915.500	45.27	31.17	5.28	-39.66	42.06	74.00	31.94	PK	Vertical
2	4785.900	44.47	32.44	6.25	-39.62	43.54	74.00	30.46	PK	Vertical
3	7473.600	43.10	36.55	7.53	-40.57	46.61	74.00	27.39	PK	Vertical
4	9110.700	42.03	38.50	8.13	-38.89	49.77	74.00	24.23	PK	Vertical
5	11203.400	40.50	39.20	8.54	-39.20	49.04	74.00	24.96	PK	Vertical
6	12301.600	40.14	39.30	9.16	-39.94	48.66	74.00	25.34	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5825MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\19		
Memo:	Sample Numble:S25050721-001		



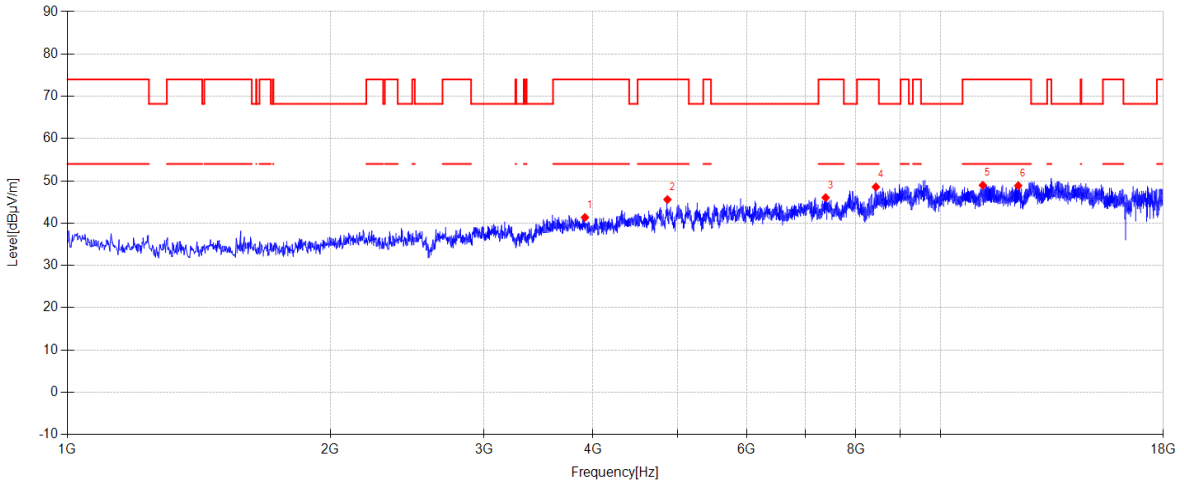
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3908.700	44.91	31.18	5.28	-39.66	41.71	74.00	32.29	PK	Horizontal
2	4857.300	44.02	33.68	6.33	-39.61	44.42	74.00	29.58	PK	Horizontal
3	7511.000	43.23	36.48	7.56	-40.54	46.73	74.00	27.27	PK	Horizontal
4	9527.200	42.39	38.65	8.11	-39.22	49.93	68.20	18.27	PK	Horizontal
5	11030.000	40.66	39.30	8.44	-39.03	49.37	74.00	24.63	PK	Horizontal
6	11497.500	42.10	39.20	8.72	-39.50	50.52	74.00	23.48	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5825MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\20		
Memo:	Sample Numble:S25050721-001		



Suspected 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	3915.500	44.56	31.17	5.28	-39.66	41.35	74.00	32.65	PK	Vertical
2	4867.500	45.33	33.52	6.34	-39.61	45.58	74.00	28.42	PK	Vertical
3	7386.900	42.47	36.73	7.48	-40.65	46.03	74.00	27.97	PK	Vertical
4	8434.100	42.62	37.50	7.98	-39.54	48.56	74.00	25.44	PK	Vertical
5	11181.300	40.40	39.22	8.53	-39.18	48.97	74.00	25.03	PK	Vertical
6	12276.100	40.35	39.30	9.15	-39.94	48.86	74.00	25.14	PK	Vertical

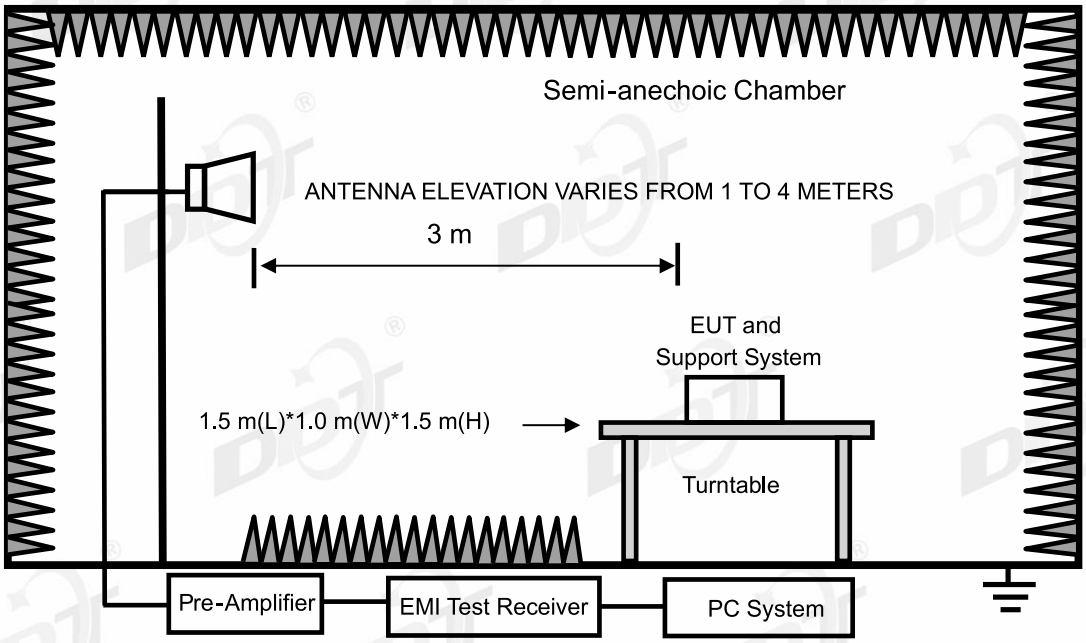
Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

13.2. Block diagram of test setup



13.3. 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.

13.4. Assistant equipment used for test

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

13.5. 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. According to the results of the radiated Emission test, it can be judged that the Horizontal direction is the Worst

case. Average level were measured with Spectrum Analyzer, and only the worst case is shown in report.

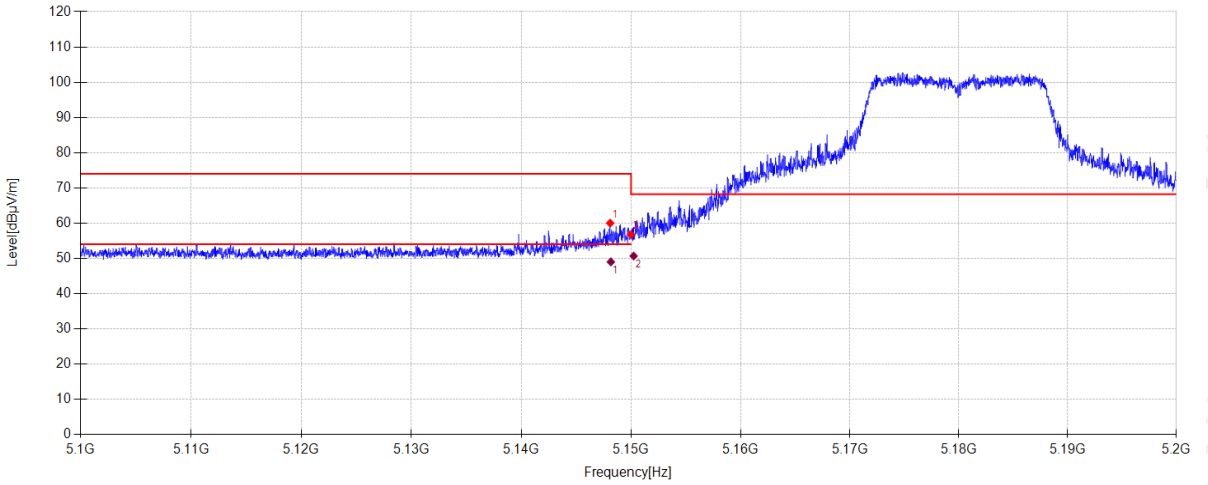
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11A 5180MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\6		
Memo:	Sample Numble:S25050721-001		



Suspected 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	5148.100	50.92	33.40	5.28	-29.60	60.00	74.00	14.00	PK	Horizontal
2	5150.000	47.68	33.40	5.28	-29.60	56.76	68.20	11.44	PK	Horizontal

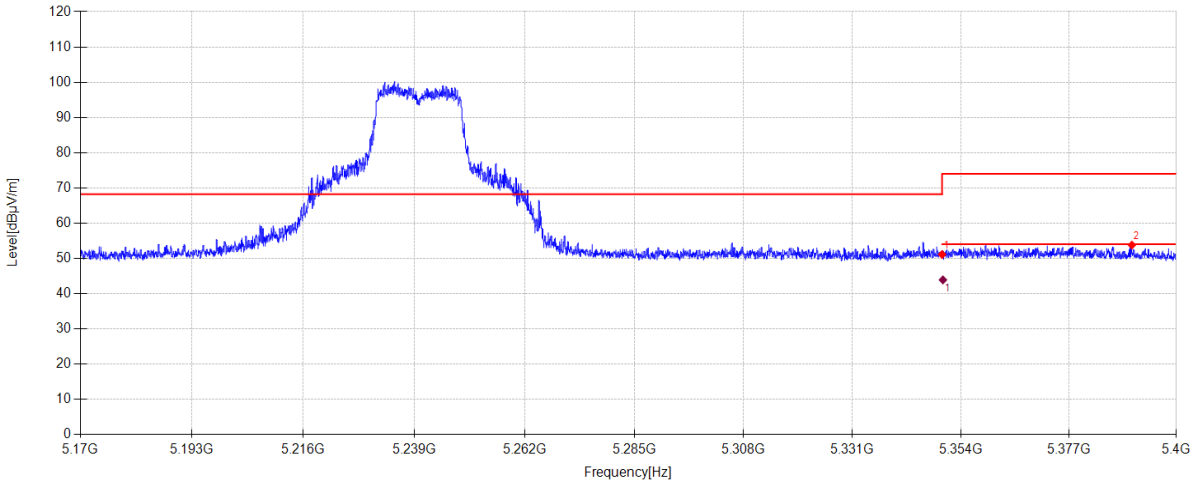
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.162	39.93	33.40	5.28	49.01	54.00	4.99	AV	Horizontal
2	5150.243	41.59	33.40	5.28	50.67	54.00	3.33	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N20 5240MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\7		
Memo:	Sample Numble:S25050721-001		



Suspected 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	42.20	33.10	5.41	-29.60	51.11	68.20	17.09	PK	Horizontal
2	5390.478	44.86	33.10	5.44	-29.60	53.80	74.00	20.20	PK	Horizontal

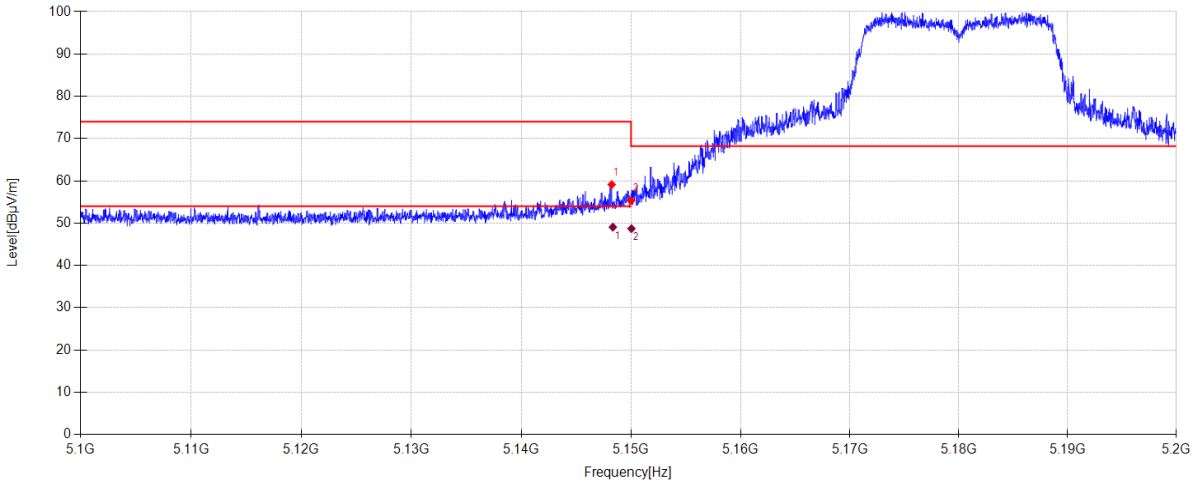
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.180	34.99	33.10	5.41	43.90	54.00	10.10	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N20 5180MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\8		
Memo:	Sample Numble:S25050721-001		



Suspected 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	5148.240	50.04	33.40	5.28	-29.60	59.12	74.00	14.88	PK	Horizontal
2	5150.000	46.26	33.40	5.28	-29.60	55.34	68.20	12.86	PK	Horizontal

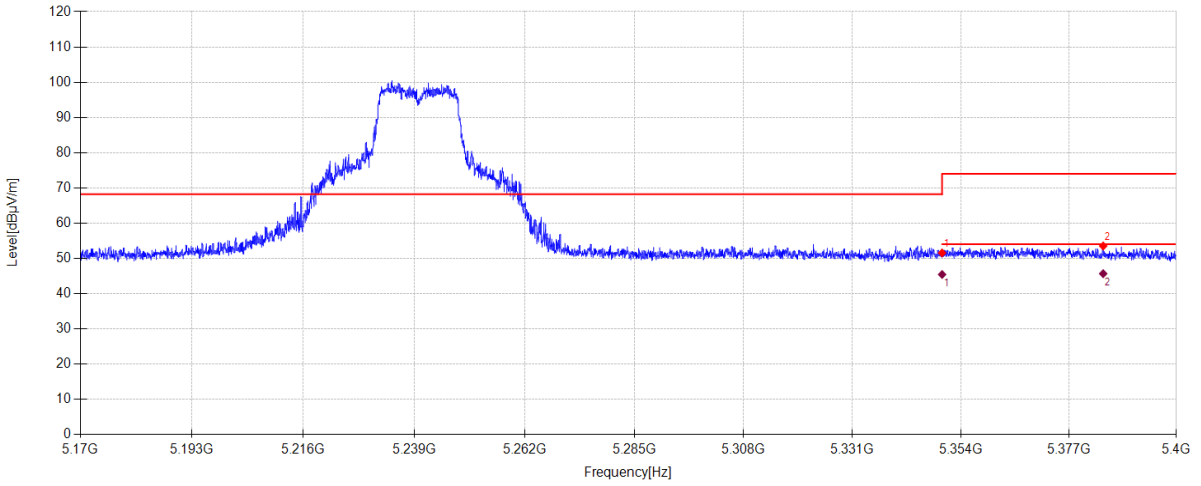
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.346	39.98	33.40	5.28	49.06	54.00	4.94	AV	Horizontal
2	5150.042	39.63	33.40	5.28	48.71	54.00	5.29	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11A 5240MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\9		
Memo:	Sample Numble:S25050721-001		



Suspected 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	42.65	33.10	5.41	-29.60	51.56	68.20	16.64	PK	Horizontal
2	5384.337	44.59	33.10	5.43	-29.60	53.52	74.00	20.48	PK	Horizontal

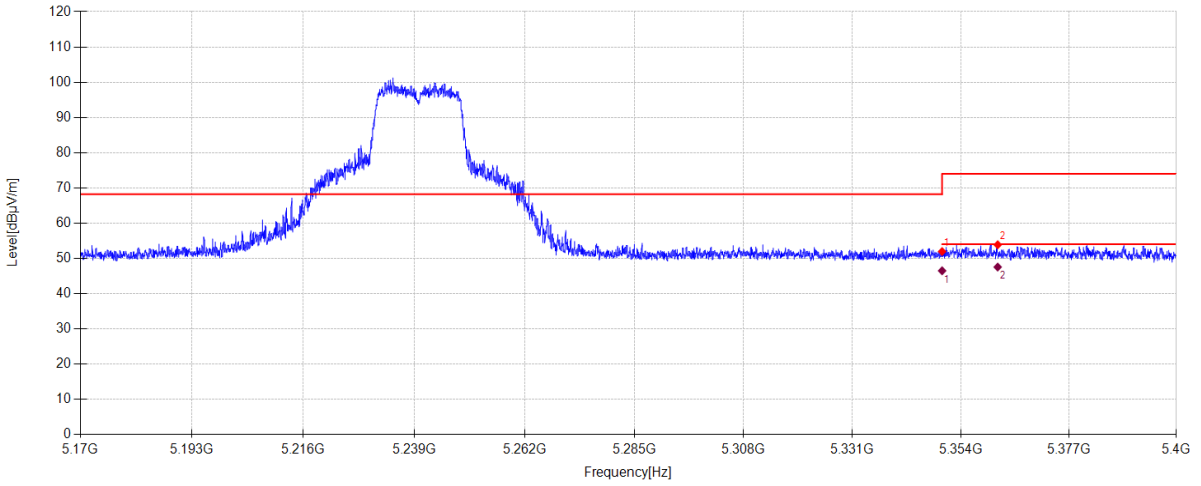
Final Data List

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	36.52	33.10	5.41	45.43	54.00	8.57	AV	Horizontal
2	5384.337	36.74	33.10	5.43	45.67	54.00	8.33	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5240MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\10		
Memo:	Sample Numble:S25050721-001		



Suspected 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	43.04	33.10	5.41	-29.60	51.95	68.20	16.25	PK	Horizontal
2	5361.820	44.95	33.10	5.42	-29.60	53.87	74.00	20.13	PK	Horizontal

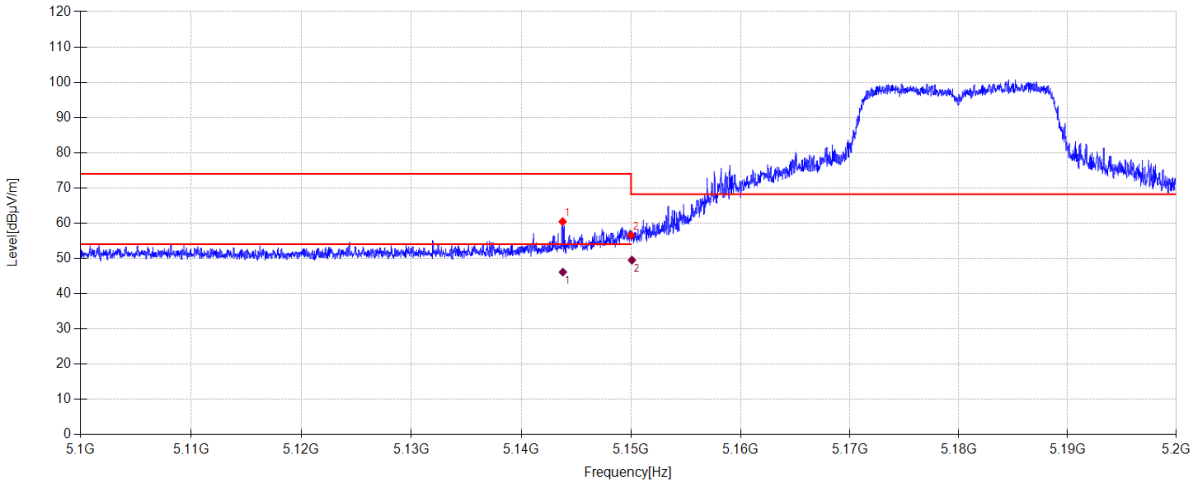
Final Data List

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	37.58	33.10	5.41	46.49	54.00	7.51	AV	Horizontal
2	5361.820	38.62	33.10	5.42	47.54	54.00	6.46	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5180MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\11		
Memo:	Sample Numble:S25050721-001		



Suspected 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	5143.770	51.36	33.40	5.27	-29.60	60.43	74.00	13.57	PK	Horizontal
2	5150.000	47.50	33.40	5.28	-29.60	56.58	68.20	11.62	PK	Horizontal

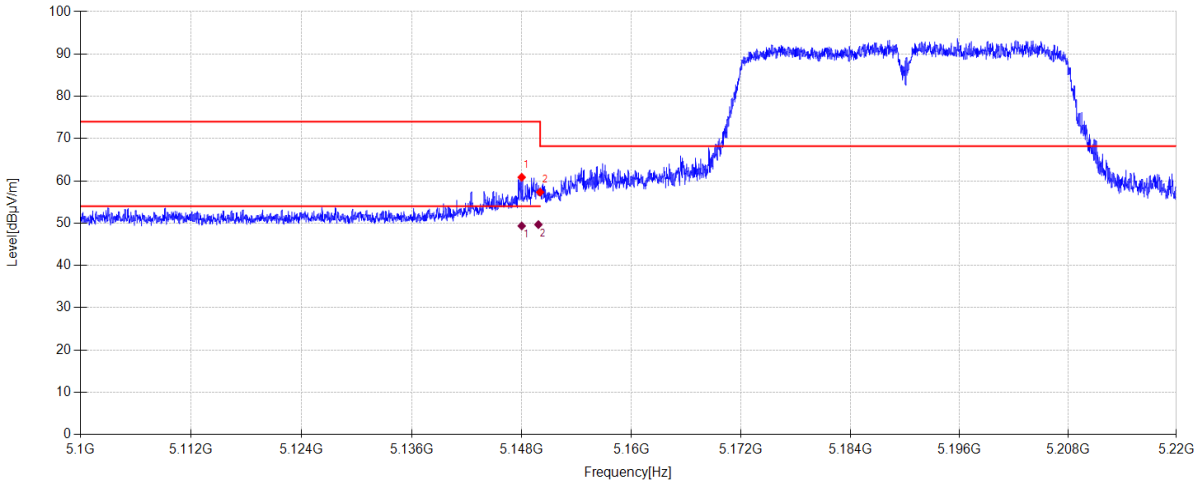
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5143.787	37.03	33.40	5.27	46.10	54.00	7.90	AV	Horizontal
2	5150.085	40.42	33.40	5.28	49.50	54.00	4.50	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC40 5190MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\12		
Memo:	Sample Numble:S25050721-001		



Suspected 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	5147.988	51.77	33.40	5.28	-29.60	60.85	74.00	13.15	PK	Horizontal
2	5150.000	48.25	33.40	5.28	-29.60	57.33	68.20	10.87	PK	Horizontal

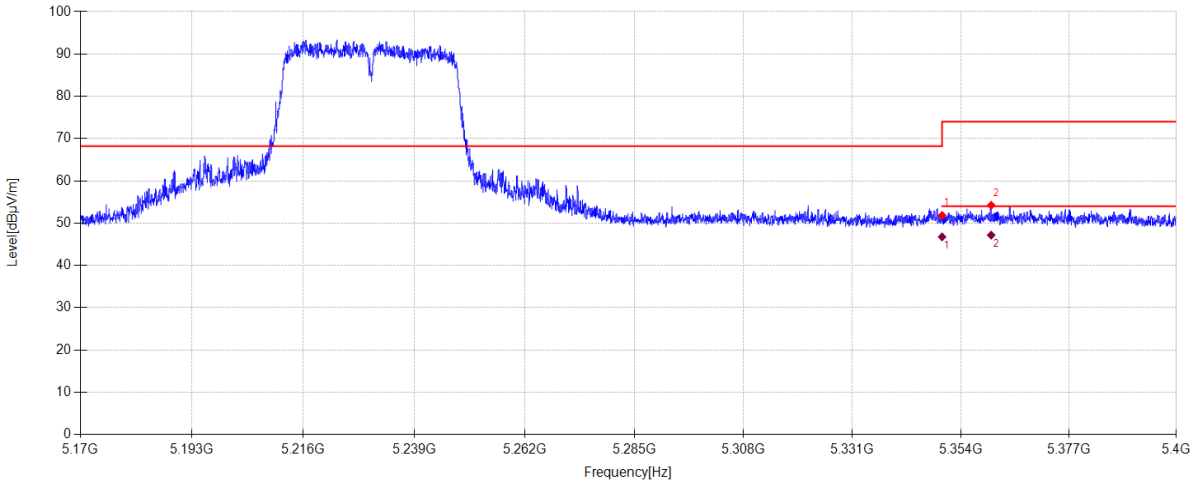
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5147.989	40.26	33.40	5.28	49.34	54.00	4.66	AV	Horizontal
2	5149.810	40.58	33.40	5.28	49.66	54.00	4.34	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC40 5230MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\13		
Memo:	Sample Numble:S25050721-001		



Suspected 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	42.92	33.10	5.41	-29.60	51.83	68.20	16.37	PK	Horizontal
2	5360.440	45.31	33.10	5.42	-29.60	54.23	74.00	19.77	PK	Horizontal

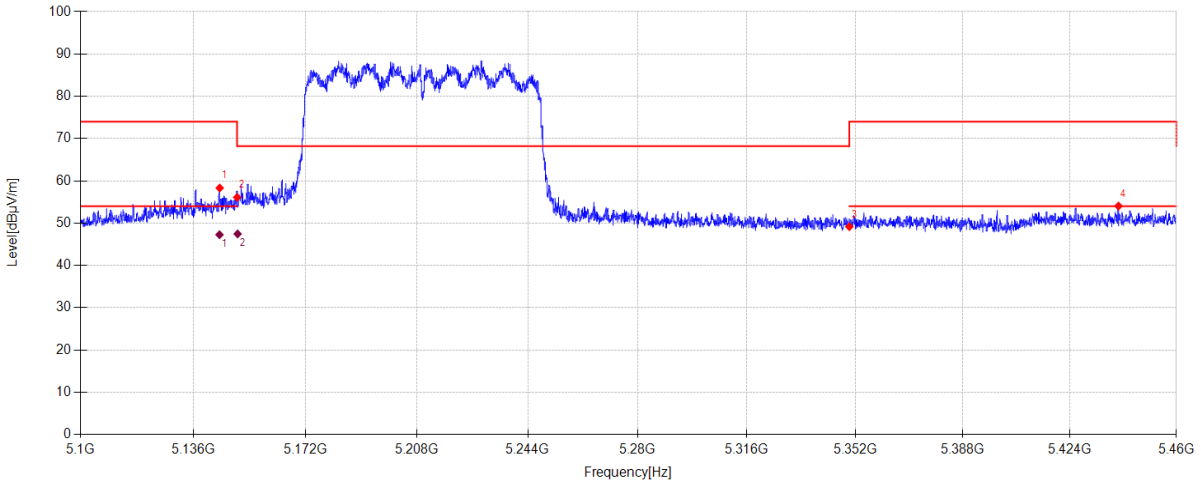
Final Data List

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	37.85	33.10	5.41	46.76	54.00	7.24	AV	Horizontal
2	5360.440	38.25	33.10	5.42	47.17	54.00	6.83	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC80 5210MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\14		
Memo:	Sample Numble:S25050721-001		



Suspected 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	5144.424	49.24	33.40	5.28	-29.60	58.32	74.00	15.68	PK	Horizontal
2	5150.000	47.02	33.40	5.28	-29.60	56.10	68.20	12.10	PK	Horizontal
3	5350.000	40.25	33.10	5.41	-29.60	49.16	68.20	19.04	PK	Horizontal
4	5440.380	45.16	33.02	5.47	-29.60	54.05	74.00	19.95	PK	Horizontal

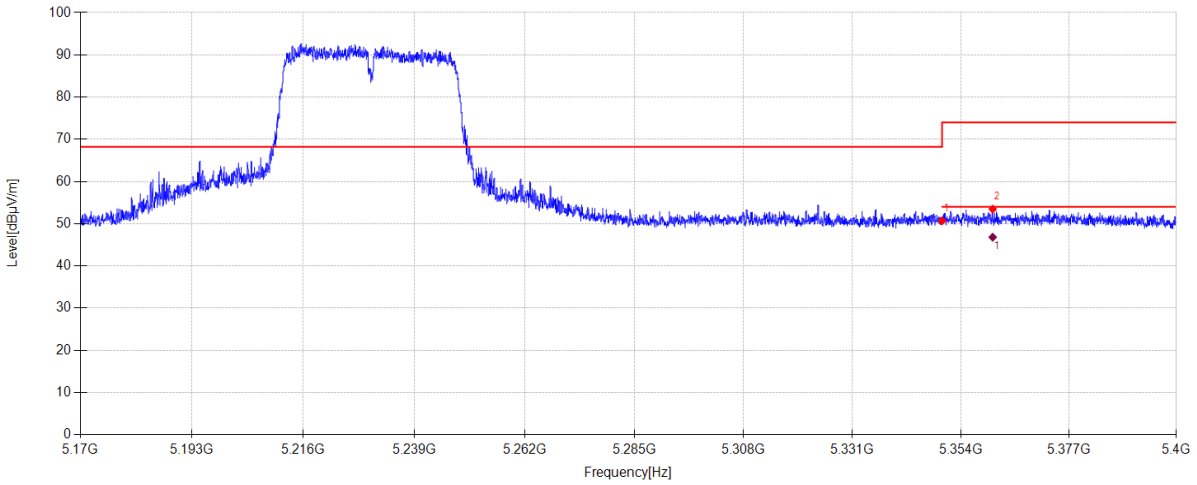
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5144.359	38.19	33.40	5.28	47.27	54.00	6.73	AV	Horizontal
2	5150.163	38.37	33.40	5.28	47.45	54.00	6.55	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N40 5230MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\15		
Memo:	Sample Numble:S25050721-001		



Suspected 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	41.78	33.10	5.41	-29.60	50.69	68.20	17.51	PK	Horizontal
2	5360.762	44.55	33.10	5.42	-29.60	53.47	74.00	20.53	PK	Horizontal

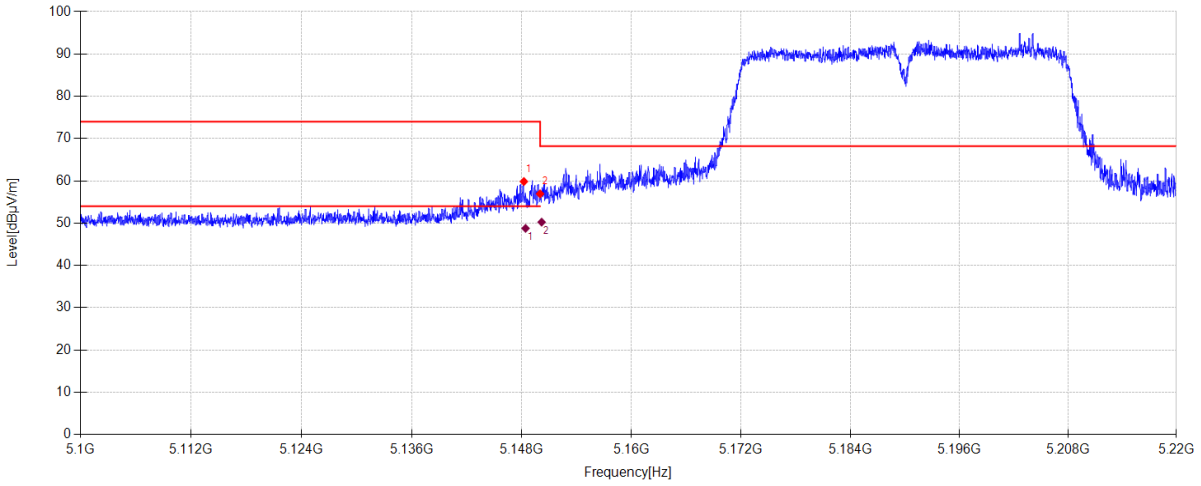
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5360.762	37.89	33.10	5.42	46.81	54.00	7.19	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:	2025-06-11	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N40 5190MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5G\16		
Memo:	Sample Numble:S25050721-001		



Suspected 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	5148.228	50.76	33.40	5.28	-29.60	59.84	74.00	14.16	PK	Horizontal
2	5150.000	47.85	33.40	5.28	-29.60	56.93	68.20	11.27	PK	Horizontal

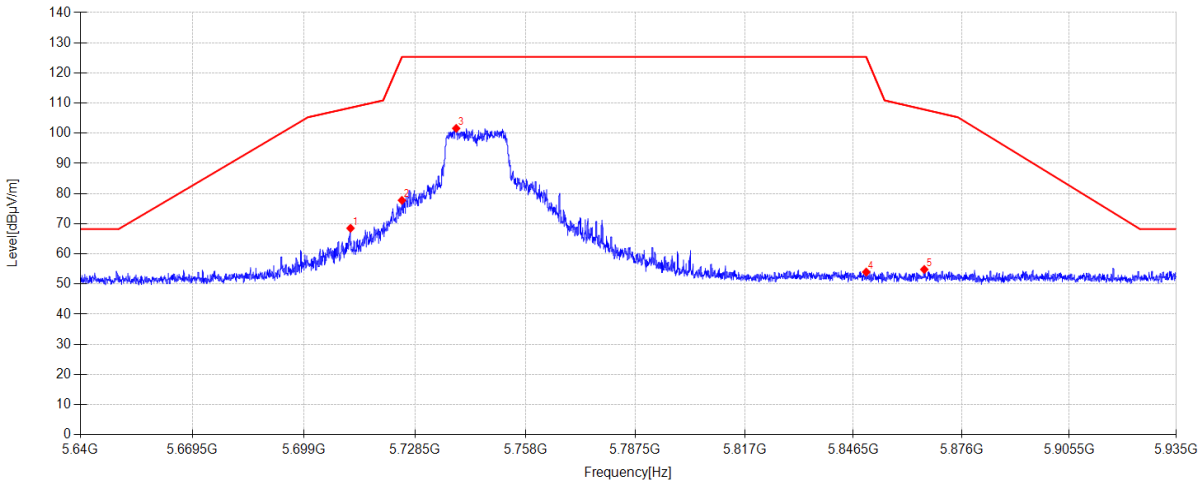
Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.410	39.69	33.40	5.28	48.77	54.00	5.23	AV	Horizontal
2	5150.168	41.17	33.40	5.28	50.25	54.00	3.75	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11A 5745MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\1		
Memo:	Sample Numble:S25050721-001		



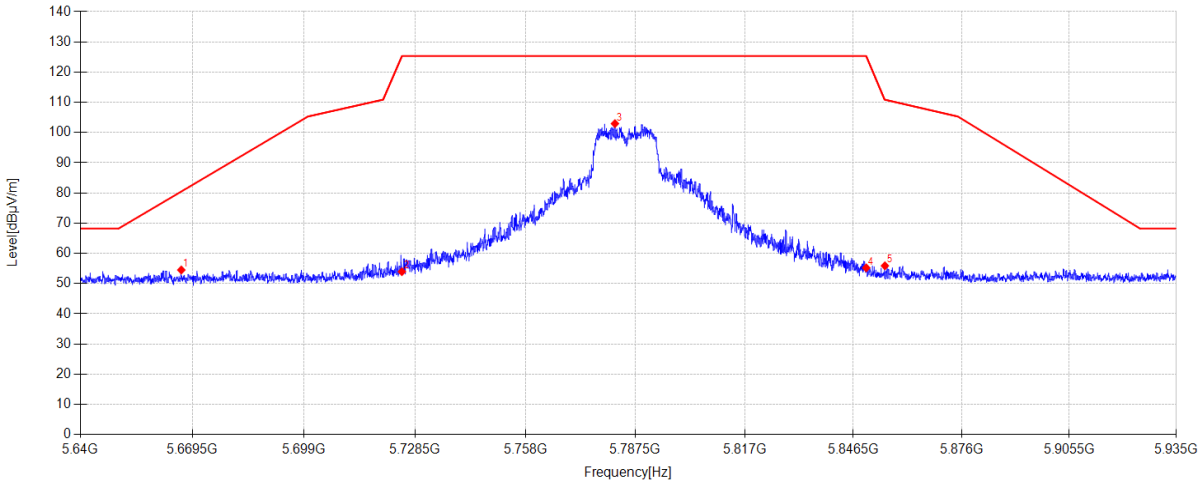
Suspected Data List

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	5711.331	58.78	33.67	5.65	-29.60	68.50	108.47	39.97	PK	Horizontal
2	5725.000	67.94	33.75	5.66	-29.60	77.75	125.30	47.55	PK	Horizontal
3	5739.474	91.72	33.84	5.67	-29.60	101.63	125.30	23.67	PK	Horizontal
4	5850.000	43.83	34.00	5.74	-29.60	53.97	125.30	71.33	PK	Horizontal
5	5865.823	44.66	34.03	5.75	-29.60	54.84	107.87	53.03	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11A 5785MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\2		
Memo:	Sample Numble:S25050721-001		



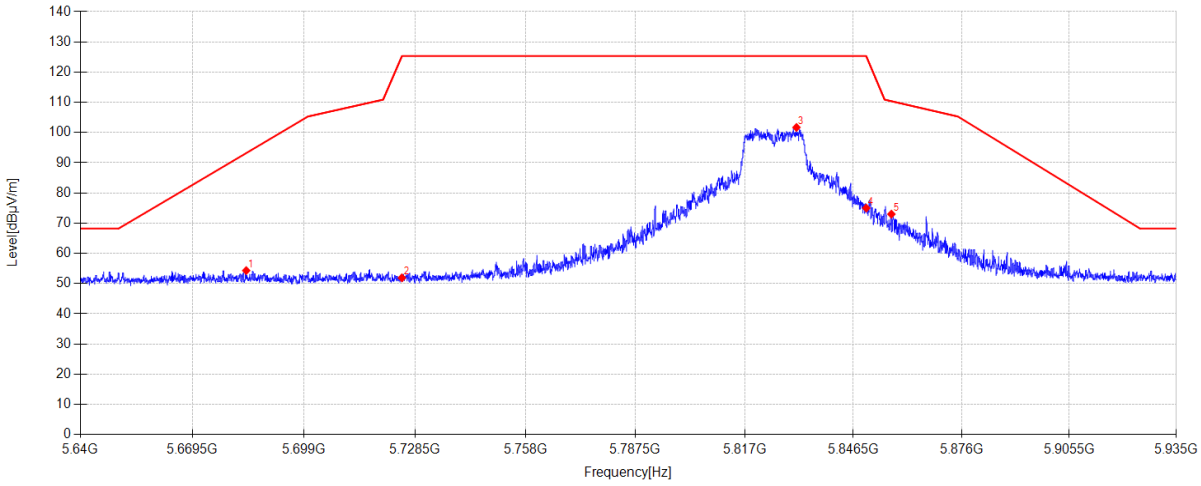
Suspected Data List

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	5666.550	45.01	33.47	5.62	-29.60	54.50	80.48	25.98	PK	Horizontal
2	5725.000	44.13	33.75	5.66	-29.60	53.94	125.30	71.36	PK	Horizontal
3	5782.013	92.76	34.09	5.70	-29.60	102.95	125.30	22.35	PK	Horizontal
4	5850.000	45.07	34.00	5.74	-29.60	55.21	125.30	70.09	PK	Horizontal
5	5855.085	45.74	34.01	5.74	-29.60	55.89	110.88	54.99	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11A 5825MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\3		
Memo:	Sample Numble:S25050721-001		



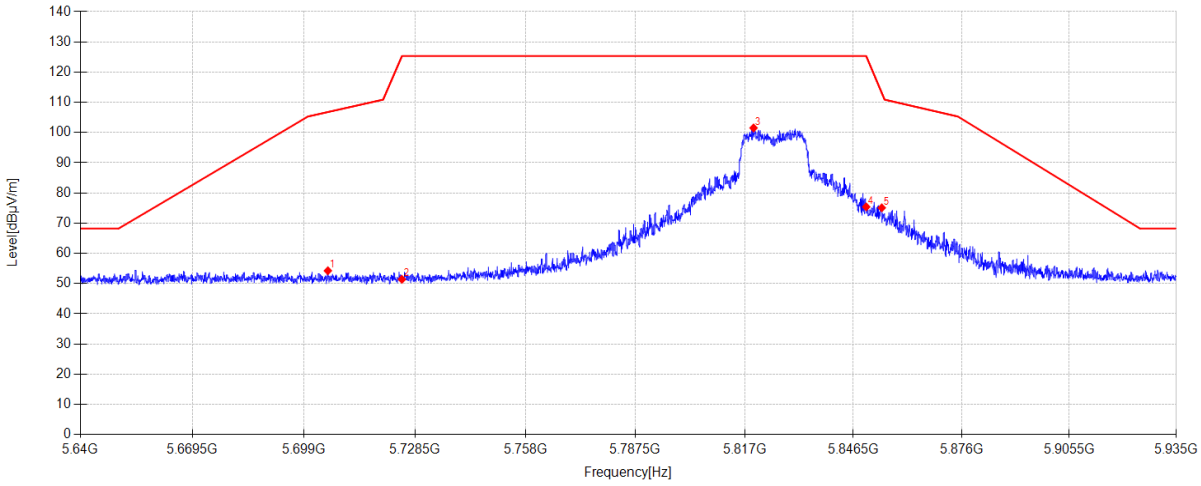
Suspected Data List

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	5683.690	44.74	33.53	5.63	-29.60	54.30	93.20	38.90	PK	Horizontal
2	5725.000	42.09	33.75	5.66	-29.60	51.90	125.30	73.40	PK	Horizontal
3	5831.042	91.48	34.08	5.73	-29.60	101.69	125.30	23.61	PK	Horizontal
4	5850.000	64.86	34.00	5.74	-29.60	75.00	125.30	50.30	PK	Horizontal
5	5856.855	62.82	34.01	5.75	-29.60	72.98	110.38	37.40	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N20 5825MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\4		
Memo:	Sample Numble:S25050721-001		



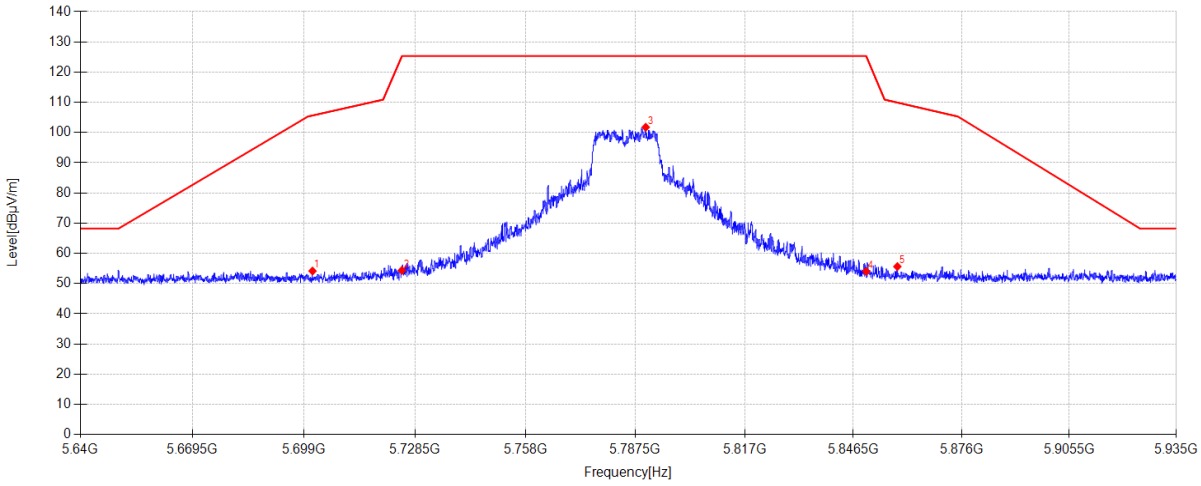
Suspected Data List

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	5705.313	44.57	33.63	5.65	-29.60	54.25	106.79	52.54	PK	Horizontal
2	5725.000	41.59	33.75	5.66	-29.60	51.40	125.30	73.90	PK	Horizontal
3	5819.419	91.28	34.12	5.72	-29.60	101.52	125.30	23.78	PK	Horizontal
4	5850.000	65.25	34.00	5.74	-29.60	75.39	125.30	49.91	PK	Horizontal
5	5854.229	64.94	34.01	5.74	-29.60	75.09	113.12	38.03	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N20 5785MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\5		
Memo:	Sample Numble:S25050721-001		



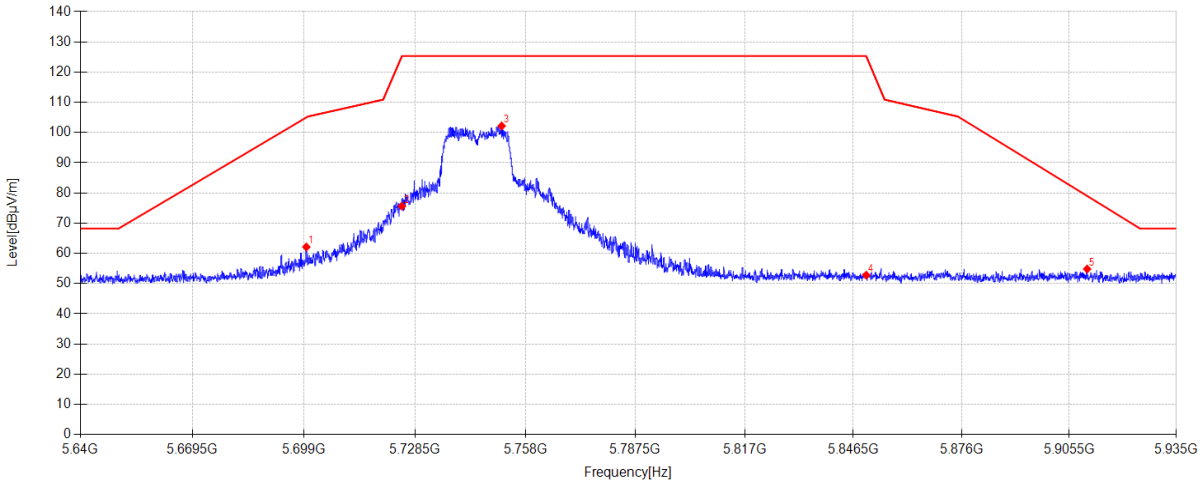
Suspected Data List

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	5701.242	44.50	33.61	5.64	-29.60	54.15	105.65	51.50	PK	Horizontal
2	5725.000	44.55	33.75	5.66	-29.60	54.36	125.30	70.94	PK	Horizontal
3	5790.303	91.53	34.14	5.70	-29.60	101.77	125.30	23.53	PK	Horizontal
4	5850.000	43.88	34.00	5.74	-29.60	54.02	125.30	71.28	PK	Horizontal
5	5858.477	45.46	34.02	5.75	-29.60	55.63	109.93	54.30	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N20 5745MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\6		
Memo:	Sample Numble:S25050721-001		



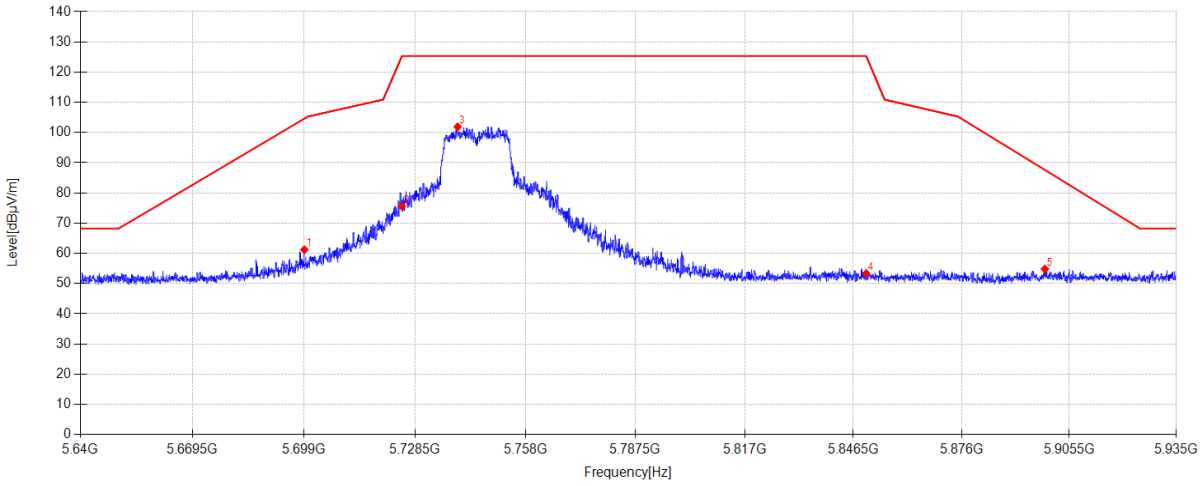
Suspected Data List

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	5699.620	52.48	33.60	5.64	-29.60	62.12	105.02	42.90	PK	Horizontal
2	5725.000	65.82	33.75	5.66	-29.60	75.63	125.30	49.67	PK	Horizontal
3	5751.628	92.19	33.91	5.68	-29.60	102.18	125.30	23.12	PK	Horizontal
4	5850.000	42.64	34.00	5.74	-29.60	52.78	125.30	72.52	PK	Horizontal
5	5910.427	44.51	34.12	5.78	-29.60	54.81	79.01	24.20	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5745MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\7		
Memo:	Sample Numble:S25050721-001		



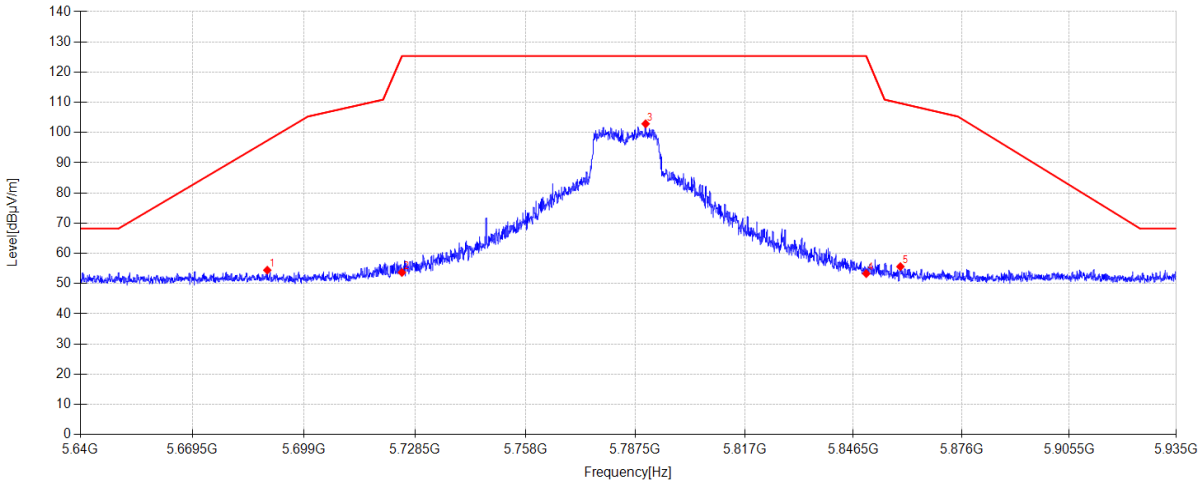
Suspected Data List

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	5699.089	51.58	33.60	5.64	-29.60	61.22	104.62	43.40	PK	Horizontal
2	5725.000	65.76	33.75	5.66	-29.60	75.57	125.30	49.73	PK	Horizontal
3	5739.858	91.98	33.84	5.67	-29.60	101.89	125.30	23.41	PK	Horizontal
4	5850.000	43.19	34.00	5.74	-29.60	53.33	125.30	71.97	PK	Horizontal
5	5898.804	44.56	34.10	5.77	-29.60	54.83	87.64	32.81	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5785MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\8		
Memo:	Sample Numble:S25050721-001		



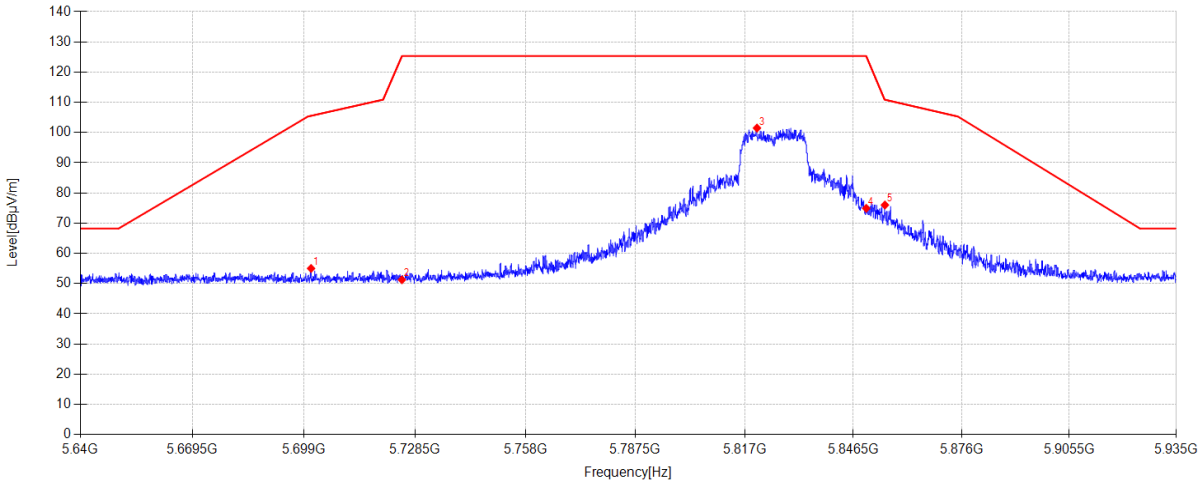
Suspected Data List

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	5689.265	44.84	33.56	5.63	-29.60	54.43	97.33	42.90	PK	Horizontal
2	5725.000	43.87	33.75	5.66	-29.60	53.68	125.30	71.62	PK	Horizontal
3	5790.273	92.66	34.14	5.70	-29.60	102.90	125.30	22.40	PK	Horizontal
4	5850.000	43.16	34.00	5.74	-29.60	53.30	125.30	72.00	PK	Horizontal
5	5859.303	45.44	34.02	5.75	-29.60	55.61	109.70	54.09	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC20 5825MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\9		
Memo:	Sample Numble:S25050721-001		



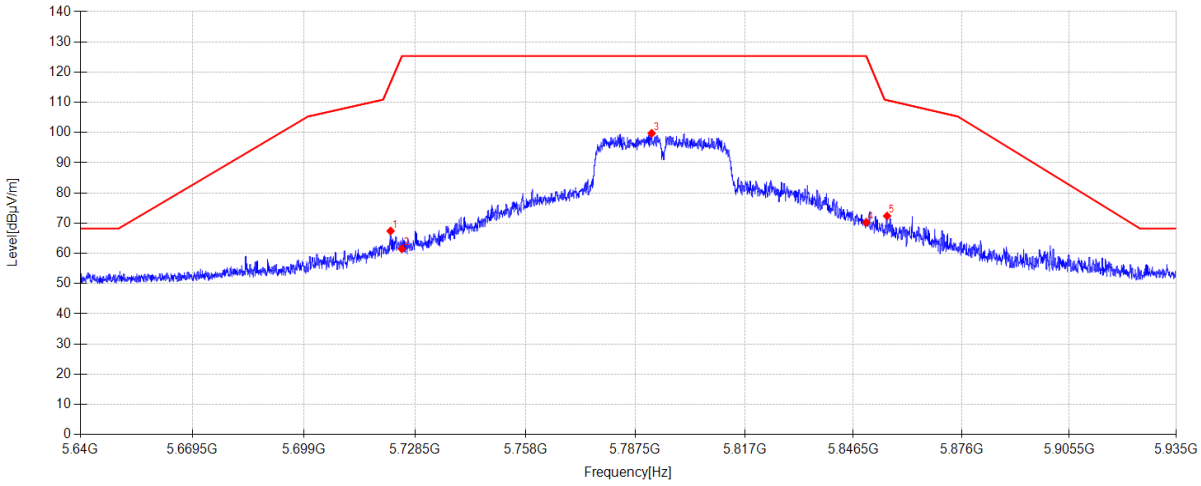
Suspected Data List

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	5700.859	45.36	33.61	5.64	-29.60	55.01	105.54	50.53	PK	Horizontal
2	5725.000	41.45	33.75	5.66	-29.60	51.26	125.30	74.04	PK	Horizontal
3	5820.334	91.25	34.12	5.72	-29.60	101.49	125.30	23.81	PK	Horizontal
4	5850.000	64.77	34.00	5.74	-29.60	74.91	125.30	50.39	PK	Horizontal
5	5855.085	65.85	34.01	5.74	-29.60	76.00	110.88	34.88	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC40 5795MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\10		
Memo:	Sample Numble:S25050721-001		



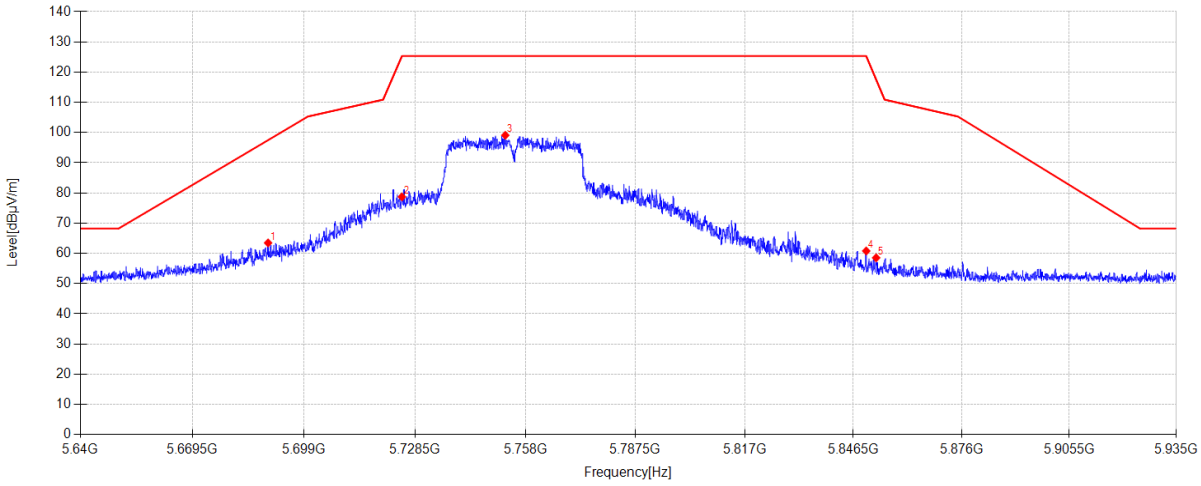
Suspected Data List

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	5721.981	57.61	33.73	5.66	-29.60	67.40	116.60	49.20	PK	Horizontal
2	5725.000	51.69	33.75	5.66	-29.60	61.50	125.30	63.80	PK	Horizontal
3	5791.896	89.49	34.15	5.70	-29.60	99.74	125.30	25.56	PK	Horizontal
4	5850.000	60.12	34.00	5.74	-29.60	70.26	125.30	55.04	PK	Horizontal
5	5855.675	62.22	34.01	5.74	-29.60	72.37	110.71	38.34	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC40 5755MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\11		
Memo:	Sample Numble:S25050721-001		



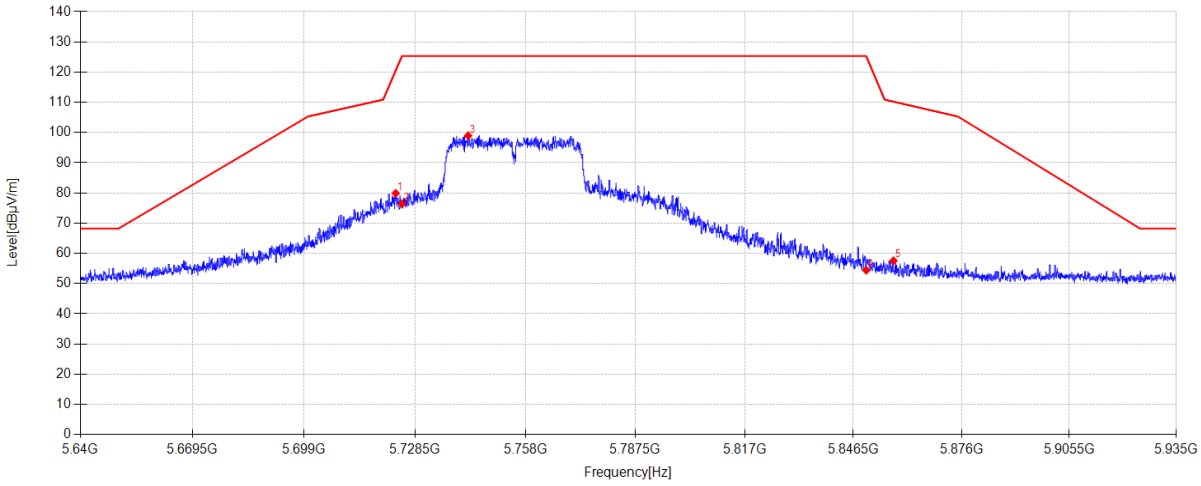
Suspected Data List

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	5689.472	53.86	33.56	5.64	-29.60	63.46	97.49	34.03	PK	Horizontal
2	5725.000	68.91	33.75	5.66	-29.60	78.72	125.30	46.58	PK	Horizontal
3	5752.602	89.10	33.92	5.68	-29.60	99.10	125.30	26.20	PK	Horizontal
4	5850.000	50.66	34.00	5.74	-29.60	60.80	125.30	64.50	PK	Horizontal
5	5852.695	48.39	34.01	5.74	-29.60	58.54	117.54	59.00	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N40 5755MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\12		
Memo:	Sample Numble:S25050721-001		



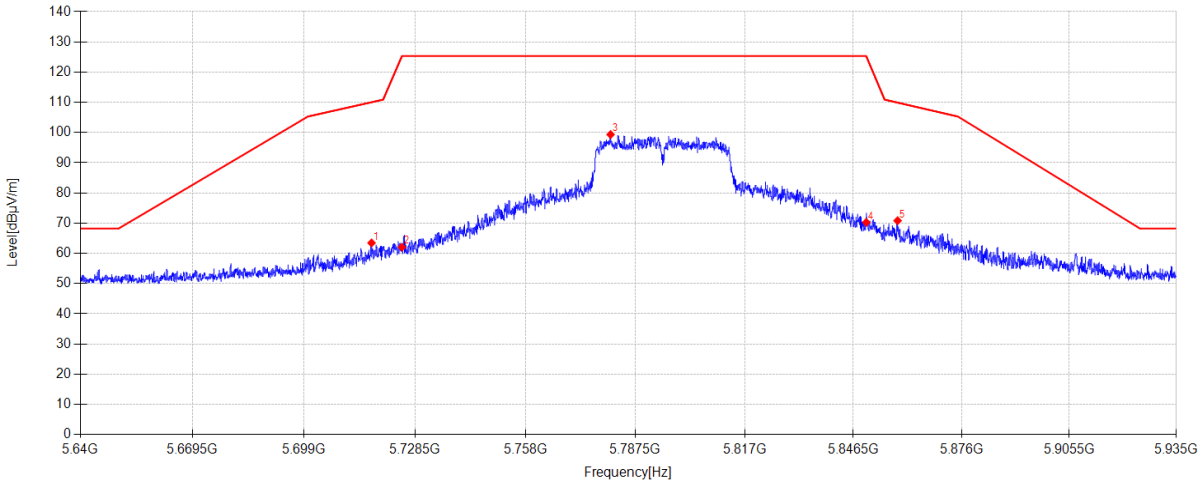
Suspected Data List

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	5723.338	70.08	33.74	5.66	-29.60	79.88	120.51	40.63	PK	Horizontal
2	5725.000	66.61	33.75	5.66	-29.60	76.42	125.30	48.88	PK	Horizontal
3	5742.660	89.03	33.86	5.67	-29.60	98.96	125.30	26.34	PK	Horizontal
4	5850.000	44.27	34.00	5.74	-29.60	54.41	125.30	70.89	PK	Horizontal
5	5857.415	47.37	34.01	5.75	-29.60	57.53	110.22	52.69	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11N40 5795MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\13		
Memo:	Sample Numble:S25050721-001		



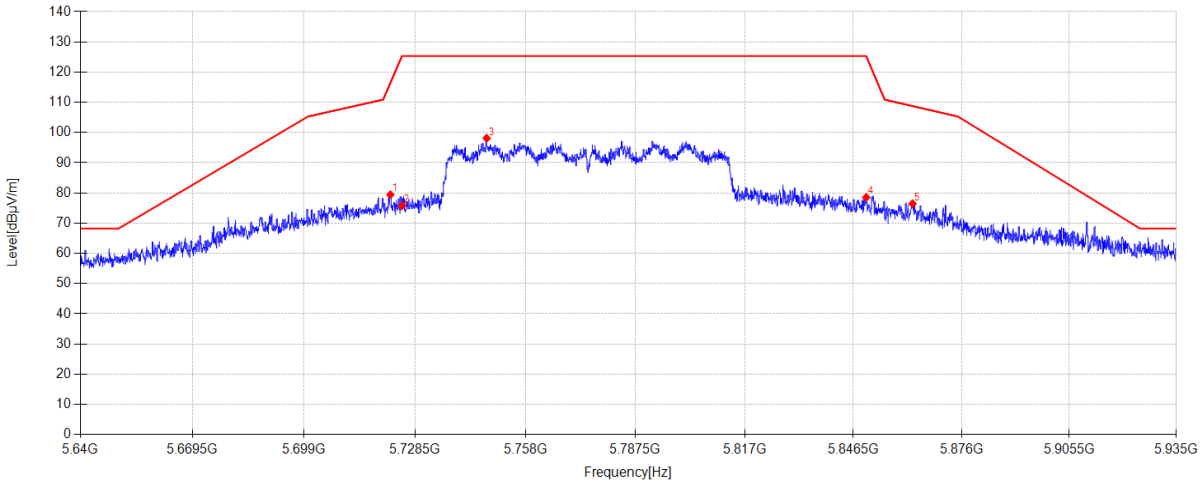
Suspected Data List

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	5716.907	53.70	33.70	5.65	-29.60	63.45	110.03	46.58	PK	Horizontal
2	5725.000	52.25	33.75	5.66	-29.60	62.06	125.30	63.24	PK	Horizontal
3	5780.833	89.16	34.08	5.70	-29.60	99.34	125.30	25.96	PK	Horizontal
4	5850.000	60.12	34.00	5.74	-29.60	70.26	125.30	55.04	PK	Horizontal
5	5858.536	60.65	34.02	5.75	-29.60	70.82	109.91	39.09	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:	2025-06-07	**Tested By**:	Lin Guoyaun
EUT:	Bluetooth Media Player	**Model Number**:	SEI-CPAA101
Test Mode:	TX 11AC80 5775MHz Mode	**Power Supply**:	DC 12V
Condition:	Temp:24.1°C;Humi:48.4%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25050721-1E\FCC Above 1G 5.8G\14		
Memo:	Sample Numble:S25050721-001		



Suspected 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	5721.922	69.65	33.73	5.66	-29.60	79.44	116.43	36.99	PK	Horizontal
2	5725.000	65.98	33.75	5.66	-29.60	75.79	125.30	49.51	PK	Horizontal
3	5747.616	88.16	33.89	5.67	-29.60	98.12	125.30	27.18	PK	Horizontal
4	5850.000	68.41	34.00	5.74	-29.60	78.55	125.30	46.75	PK	Horizontal
5	5862.607	66.27	34.03	5.75	-29.60	76.45	108.77	32.32	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.

15. Photos of the EUT

Please refer to DDT-Q25050721-2E appendix Ⅰ

----------End Report----------