



RF MEASUREMENT REPORT

FCC ID: 2A3Q6M300
Application: RecycleSmart Solutions Inc.
Product: Pello Smart Sensor
Model No.: DDW-M300
Brand Name: Recycle Smart
FCC Rule Part(s): Part 22 (H), 24 (E), 27, 90
Test Date: October 20 ~ November 27, 2021

Reviewed By:

Sunny Sun

Approved By:

Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.26-2015. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2109RSU053-U2	Rev. 01	Initial Report	01-07-2022	Invalid
2109RSU053-U2	Rev. 02	Removed the PCS1900 Band	03-09-2022	Valid

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1. GENERAL INFORMATION

1.1. Applicant

RecycleSmart Solutions Inc.

310-10851 Shellbridge Way, Richmond BC Canada V6X 2W8

1.2. Manufacturer

RecycleSmart Solutions Inc.

310-10851 Shellbridge Way, Richmond BC Canada V6X 2W8

1.3. Testing Facility

☒	Test Site - MRT Suzhou Laboratory
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China
	Laboratory Location (Suzhou - SIP) 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China
	Laboratory Accreditations
	A2LA: 3628.01 FCC: CN1166 VCCI: R-20025, G-20034, C-20020, T-20020
	CNAS: L10551 ISED: CN0001
☐	Test Site - MRT Shenzhen Laboratory
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China
	Laboratory Accreditations
	A2LA: 3628.02 FCC: CN1284
	CNAS: L10551 ISED: CN0105
☐	Test Site - MRT Taiwan Laboratory
	Laboratory Location (Taiwan) No. 38, Fuxing 2 nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
	Laboratory Accreditations
	TAF: L3261-190725 FCC: 291082, TW3261
	ISED: TW3261

1.4. Product Information

Product Name	Pello Smart Sensor
Model No.	DDW-M300
Brand Name	Recycle Smart
Operating Temperature	-40 ~ 85 °C
Power Type	Power by Batter, 3.6Vdc
GSM Band	GSM 850
E-UTRA Band:	Band 2, 4, 5, 12, 13, 25, 26, 66
Integrated Modular Information	
Model No.	BG95-M3
Brand Name	Quectel
FCC ID	XMR201910BG95M3
Remark:	
1. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification; 2. This device is based on Quectel "BG95-M3" module, FCC ID "XMR201910BG95M3" to verify radiated spurious emission.	

1.5. Radio Specification under Test

FDD Tx Frequency Range	Band 2: 1850 ~ 1910 MHz; Band 4: 1710 ~ 1755 MHz Band 5: 824 ~ 849 MHz; Band 12: 699 ~ 716 MHz Band 13: 777 ~ 787 MHz; Band 25: 1850 ~ 1915 MHz Band 26: 814 ~ 849 MHz; Band 66: 1710 ~ 1780 MHz
FDD Rx Frequency Range	Band 2: 1930 ~ 1990 MHz; Band 4: 2110 ~ 2155 MHz Band 5: 869 ~ 894 MHz; Band 12: 729 ~ 746 MHz Band 13: 746 ~ 756 MHz; Band 25: 1930 ~ 1995 MHz Band 26: 859 ~ 894 MHz; Band 66: 2110 ~ 2180 MHz
Modulation	QPSK, 16QAM
Antenna Gain	Band 2: 6.00dBi, Band 4: 5.76dBi, Band 5: 3.65dBi, Band 12: 4.31dBi Band 13: 4.31dBi, Band 25: 6.00dBi, Band 26: 3.65dBi, Band 66: 5.76dBi

Note: LTE band 26 transmit frequency for part 90 rule is 814 ~ 824MHz and part 22 rule is 824 ~ 849MHz.

1.6. Test Methodology

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26:2015
- FCC CFR 47 Part 22, Part 24, Part 27
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems

1.7. Device Capabilities

This device contains the following capabilities:

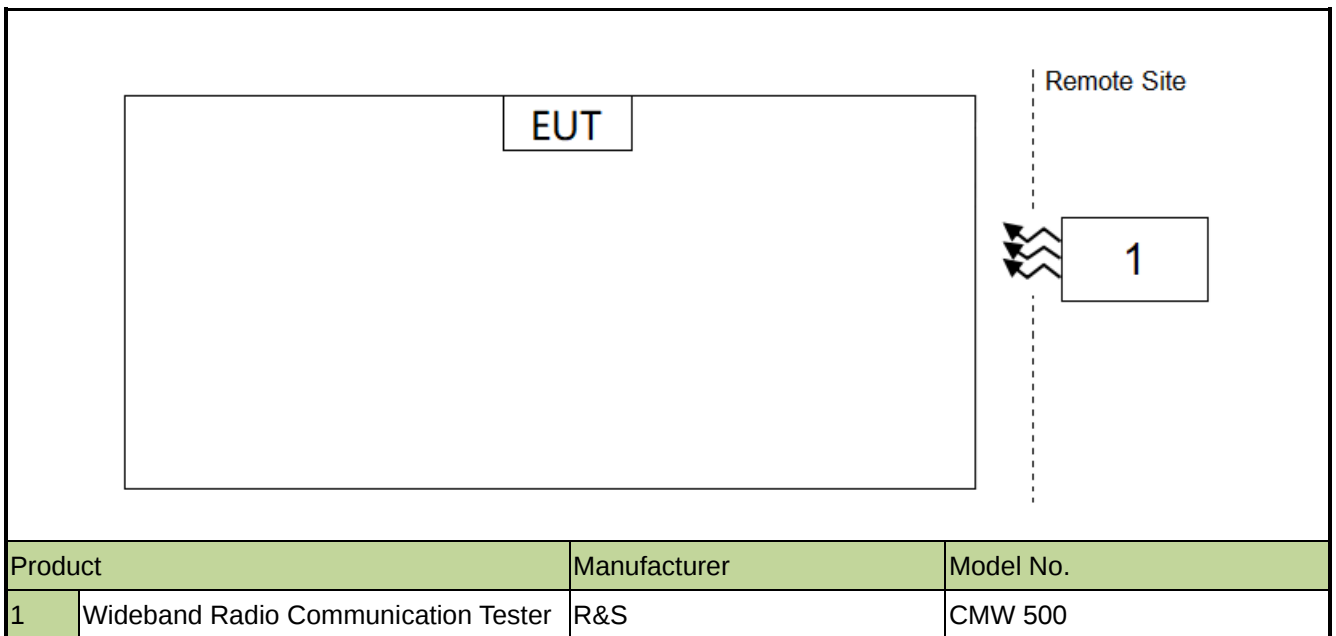
Working on Band 2, 4, 5, 12, 13, 25, 26, 66.

Band 66 (1710 ~ 1780 MHz) overlaps the entire frequency range of Band 4 (1710 ~ 1755 MHz). Therefore, test data provided in this report covers Band 4 as well as Band 66.

Band 25 (1850 ~ 1915 MHz) overlaps the entire frequency range of Band 2 (1850 ~ 1910 MHz). Therefore, test data provided in this report covers Band 2 as well as Band 25.

Band 26 (814 ~ 849 MHz) overlaps the entire frequency range of Band 5 (824 ~ 849 MHz). Therefore, test data provided in this report covers Band 5 as well as Band 26.

1.8. Configuration of Tested System



1.9. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20% ~ 75%RH

2. TEST EQUIPMENT CALIBRATION DATE

No.	Instrument	Manufacturer	Model No.	Asset No.	Last Cali. Date	Cali. Due Date	Test Site
1	EMI Test Receiver	R&S	ESR3	MRTSUE06185	1 year	2022/1/12	SIP-AC1/SIP-AC2/SIP-AC3
2	Anechoic Chamber	RIKEN	SIP-AC1	MRTSUE06554	1 year	2021/12/24	SIP-AC1
3	Signal Analyzer	Keysight	N9010B	MRTSUE06559	1 year	2022/6/24	SIP-AC1/SIP-AC2/SIP-AC3/SIP-SR1
4	Preamplifier	EMCI	EMC051845SE	MRTSUE06600	1 year	2022/11/8	SIP-AC1
5	Signal Analyzer	Keysight	N9010B	MRTSUE06603	1 year	2022/10/31	SIP-AC1/SIP-AC2/SIP-AC3/SIP-SR1
6	Signal Analyzer	Keysight	N9020B	MRTSUE06604	1 year	2022/9/7	SIP-AC1/SIP-AC2/SIP-AC3/SIP-SR1
7	Horn Antenna	R&S	HF907	MRTSUE06610	1 year	2022/8/5	SIP-AC1
8	EMI Test Receiver	R&S	ESR3	MRTSUE06613	1 year	2022/6/24	SIP-AC1/SIP-AC2/SIP-AC3
9	Thermohygrometer	testo	608-H1	MRTSUE06616	1 year	2022/11/2	SIP-AC1
10	Thermohygrometer	testo	608-H1	MRTSUE06620	1 year	2021/12/3	SIP-AC1
11	Preamplifier	EMCI	EMC001330	MRTSUE06643	1 year	2022/1/14	SIP-AC1/SIP-AC2/SIP-AC3
12	TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06645	1 year	2022/8/26	SIP-AC1

Software	Version	Function
EMI Software	V3	EMI Test Software

3. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Radiated Spurious Emissions

Measurement Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$):

Horizontal: 9kHz ~ 300MHz: 5.04dB

300MHz ~ 1GHz: 4.95dB

1GHz ~ 40GHz: 6.40dB

Vertical: 9kHz ~ 300MHz: 5.24dB

300MHz ~ 1GHz: 6.03dB

1GHz ~ 40GHz: 6.40dB

4. TEST RESULT

4.1. Summary

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
2.1053, 22.917(a) 24.238(a), 27.53 (h)	Spurious Emissions	$< 43 + 10\log_{10} (P_{\text{[watts]}})$	Radiated	Pass	Section 4.2

Notes:

- 1) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- 2) The worst-case emission of modulation was selected via modular report.

4.2. Radiated Spurious Emissions Measurements

4.2.1. Test Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13dBm.

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

E (dB μ V/m) = EIRP (dBm) - $20 \log D$ + 104.8; where D is the measurement distance in meters. The emission limit equal to 82.3dB μ V/m.

4.2.2. Test Procedure Used

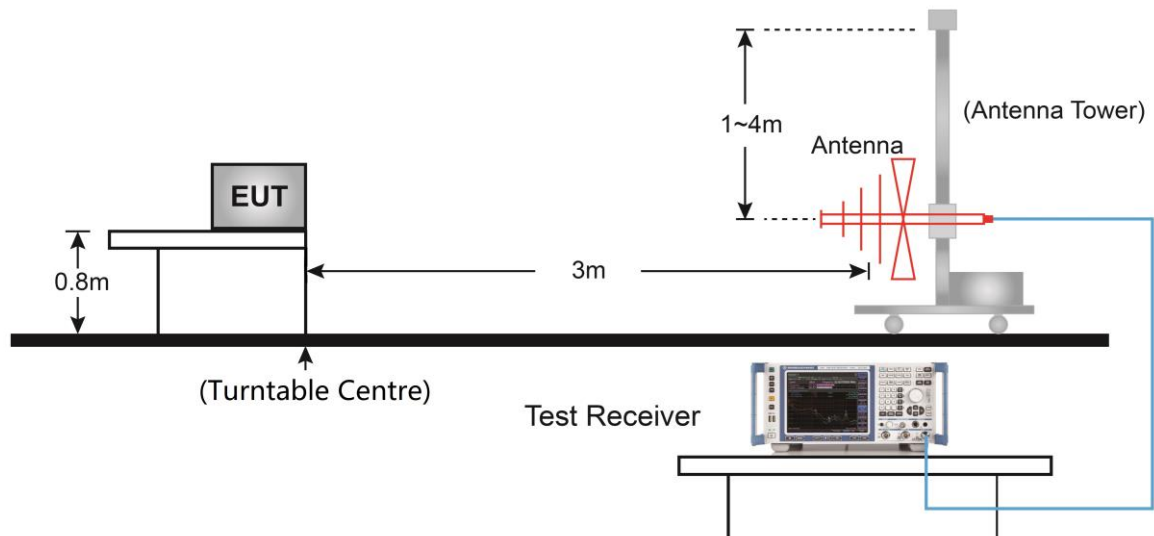
ANSI C63.26-2015 - Section 5.2.7 & 5.5

4.2.3. Test Setting

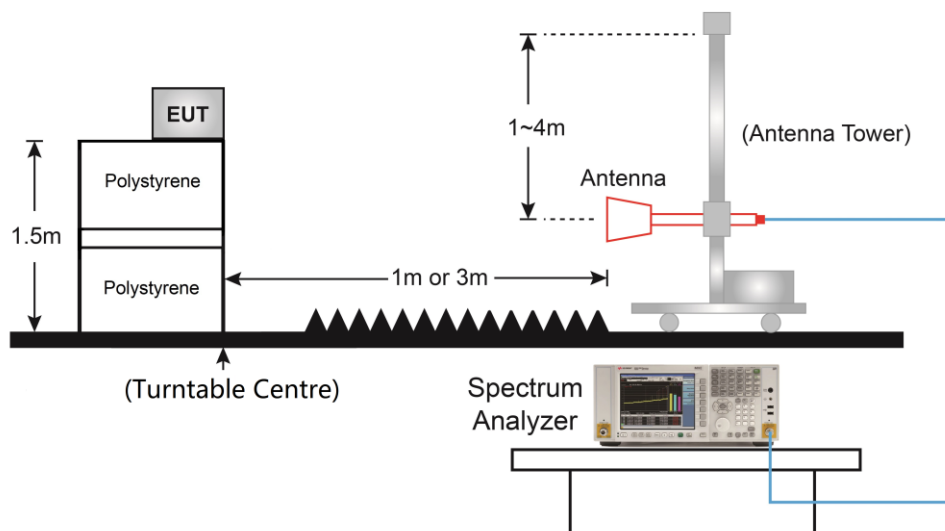
1. RBW = 1MHz
2. VBW $\geq 3 \times$ RBW
3. Sweep time $\geq 10 \times$ (number of points in sweep) $\times$ (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

4.2.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



4.2.5. Test Result

Product	Pello Smart Sensor	Test Site	SIP-AC1
Test Engineer	Kyrie Xie	Test Date	2021/10/27 ~ 2021/11/01
Test Band	LTE Band 2/25 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
858.87	21.80	28.27	50.07	82.30	-32.23	Peak	Horizontal
969.93	20.91	29.70	50.61	82.30	-31.69	Peak	Horizontal
693.00	21.31	26.43	47.74	82.30	-34.56	Peak	Vertical
825.89	21.03	28.66	49.69	82.30	-32.61	Peak	Vertical
3703.00	58.37	-12.55	45.82	82.30	-36.48	Peak	Horizontal
5386.00	51.54	-9.79	41.75	82.30	-40.55	Peak	Horizontal
3507.50	52.22	-13.12	39.10	82.30	-43.20	Peak	Vertical
5437.00	51.50	-9.79	41.71	82.30	-40.59	Peak	Vertical
Middle Channel							
834.62	21.29	28.64	49.93	82.30	-32.37	Peak	Horizontal
958.29	20.69	29.80	50.49	82.30	-31.81	Peak	Horizontal
723.07	21.57	26.63	48.20	82.30	-34.10	Peak	Vertical
969.93	21.24	29.70	50.94	82.30	-31.36	Peak	Vertical
3762.50	55.36	-12.44	42.92	82.30	-39.38	Peak	Horizontal
4357.50	52.51	-11.60	40.91	82.30	-41.39	Peak	Horizontal
4170.50	51.70	-11.62	40.08	82.30	-42.22	Peak	Vertical
5955.50	50.67	-9.20	41.47	82.30	-40.83	Peak	Vertical
High Channel							
912.70	21.40	29.14	50.54	82.30	-31.76	Peak	Horizontal
948.11	20.45	29.69	50.14	82.30	-32.16	Peak	Horizontal
838.50	21.81	28.63	50.44	82.30	-31.86	Peak	Vertical
962.66	21.28	29.73	51.01	82.30	-31.29	Peak	Vertical
3830.50	52.01	-12.44	39.57	82.30	-42.73	Peak	Horizontal
5683.50	50.91	-9.56	41.35	82.30	-40.95	Peak	Horizontal
4553.00	51.48	-11.19	40.29	82.30	-42.01	Peak	Vertical
8284.50	50.42	-5.87	44.55	82.30	-37.75	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Product	Pello Smart Sensor	Test Site	SIP-AC1
Test Engineer	Kyrie Xie	Test Date	2021/10/27 ~ 2021/11/01
Test Band	LTE Band 4/66, 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
692.03	21.29	26.41	47.70	82.30	-34.60	Peak	Horizontal
925.80	21.09	29.37	50.46	82.30	-31.84	Peak	Horizontal
696.39	21.53	26.51	48.04	82.30	-34.26	Peak	Vertical
843.83	21.34	28.61	49.95	82.30	-32.35	Peak	Vertical
3422.50	64.08	-13.24	50.84	82.30	-31.46	Peak	Horizontal
8063.50	50.22	-6.25	43.97	82.30	-38.33	Peak	Horizontal
3422.50	54.69	-13.24	41.45	82.30	-40.85	Peak	Vertical
8420.50	50.74	-6.05	44.69	82.30	-37.61	Peak	Vertical
Middle Channel							
717.73	21.24	26.67	47.91	82.30	-34.39	Peak	Horizontal
930.16	20.76	29.43	50.19	82.30	-32.11	Peak	Horizontal
724.04	21.55	26.62	48.17	82.30	-34.13	Peak	Vertical
829.28	20.71	28.66	49.37	82.30	-32.93	Peak	Vertical
3490.50	64.24	-13.21	51.03	82.30	-31.27	Peak	Horizontal
8250.50	50.15	-5.93	44.22	82.30	-38.08	Peak	Horizontal
3490.50	52.33	-13.21	39.12	82.30	-43.18	Peak	Vertical
8072.00	50.26	-6.25	44.01	82.30	-38.29	Peak	Vertical
High Channel							
682.33	22.76	26.22	48.98	82.30	-33.32	Peak	Horizontal
967.99	21.37	29.72	51.09	82.30	-31.21	Peak	Horizontal
825.40	21.53	28.66	50.19	82.30	-32.11	Peak	Vertical
990.30	20.97	29.76	50.73	82.30	-31.57	Peak	Vertical
3558.50	58.59	-12.94	45.65	82.30	-36.65	Peak	Horizontal
6567.50	50.86	-8.49	42.37	82.30	-39.93	Peak	Horizontal
4680.50	52.45	-10.86	41.59	82.30	-40.71	Peak	Vertical
6057.50	51.70	-9.09	42.61	82.30	-39.69	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Product	Pello Smart Sensor	Test Site	SIP-AC1
Test Engineer	Kyrie Xie	Test Date	2021/10/27 ~ 2021/11/01
Test Band	LTE Band 5/26 (824~849MHz), 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
611.52	32.02	25.57	57.59	82.30	-24.71	Peak	Horizontal
870.51	34.49	27.97	62.46	82.30	-19.84	Peak	Horizontal
515.97	32.40	23.45	55.85	82.30	-26.45	Peak	Vertical
870.02	33.56	27.99	61.55	82.30	-20.75	Peak	Vertical
1646.00	62.26	-20.03	42.23	82.30	-40.07	Peak	Horizontal
2470.50	70.76	-16.69	54.07	82.30	-28.23	Peak	Horizontal
1646.00	56.32	-20.03	36.29	82.30	-46.01	Peak	Vertical
2470.50	65.63	-16.69	48.94	82.30	-33.36	Peak	Vertical
Middle Channel							
700.76	31.85	26.64	58.49	82.30	-23.81	Peak	Horizontal
881.18	34.29	27.84	62.13	82.30	-20.17	Peak	Horizontal
722.10	31.86	26.64	58.50	82.30	-23.80	Peak	Vertical
881.66	32.82	27.84	60.66	82.30	-21.64	Peak	Vertical
1671.50	67.31	-19.86	47.45	82.30	-34.85	Peak	Horizontal
2504.50	64.22	-16.67	47.55	82.30	-34.75	Peak	Horizontal
1671.50	59.57	-19.86	39.71	82.30	-42.59	Peak	Vertical
2504.50	64.05	-16.67	47.38	82.30	-34.92	Peak	Vertical
High Channel							
708.03	31.06	26.72	57.78	82.30	-24.52	Peak	Horizontal
893.30	34.22	28.22	62.44	82.30	-19.86	Peak	Horizontal
721.61	31.55	26.64	58.19	82.30	-24.11	Peak	Vertical
893.30	34.88	28.22	63.10	82.30	-19.20	Peak	Vertical
1697.00	68.41	-19.80	48.61	82.30	-33.69	Peak	Horizontal
2547.00	69.74	-16.51	53.23	82.30	-29.07	Peak	Horizontal
1697.00	58.81	-19.80	39.01	82.30	-43.29	Peak	Vertical
2547.00	64.08	-16.51	47.57	82.30	-34.73	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Product	Pello Smart Sensor	Test Site	SIP-AC1
Test Engineer	Kyrie Xie	Test Date	2021/10/27 ~ 2021/11/01
Test Band	LTE Band 26 (814~824MHz), 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
502.39	32.35	22.74	55.09	82.30	-27.21	Peak	Horizontal
859.84	33.94	28.24	62.18	82.30	-20.12	Peak	Horizontal
584.36	31.28	24.67	55.95	82.30	-26.35	Peak	Vertical
860.32	34.23	28.23	62.46	82.30	-19.84	Peak	Vertical
1629.00	58.54	-20.20	38.34	82.30	-43.96	Peak	Horizontal
2445.00	65.72	-16.81	48.91	82.30	-33.39	Peak	Horizontal
1629.00	54.76	-20.20	34.56	82.30	-47.74	Peak	Vertical
2445.00	63.59	-16.81	46.78	82.30	-35.52	Peak	Vertical
Middle Channel							
601.33	30.62	25.40	56.02	82.30	-26.28	Peak	Horizontal
876.81	36.12	27.87	63.99	82.30	-18.31	Peak	Horizontal
755.56	30.41	27.65	58.06	82.30	-24.24	Peak	Vertical
876.81	37.31	27.87	65.18	82.30	-17.12	Peak	Vertical
1663.00	63.59	-19.88	43.71	82.30	-38.59	Peak	Horizontal
2496.00	71.34	-16.70	54.64	82.30	-27.66	Peak	Horizontal
1714.00	62.50	-19.81	42.69	82.30	-39.61	Peak	Vertical
2496.00	65.72	-16.70	49.02	82.30	-33.28	Peak	Vertical
High Channel							
709.00	32.81	26.72	59.53	82.30	-22.77	Peak	Horizontal
893.30	35.17	28.22	63.39	82.30	-18.91	Peak	Horizontal
893.79	32.66	28.24	60.90	82.30	-21.40	Peak	Vertical
914.16	30.48	29.16	59.64	82.30	-22.66	Peak	Vertical
1697.00	64.97	-19.80	45.17	82.30	-37.13	Peak	Horizontal
2547.00	70.28	-16.51	53.77	82.30	-28.53	Peak	Horizontal
1714.00	70.85	-19.81	51.04	82.30	-31.26	Peak	Vertical
2547.00	64.05	-16.51	47.54	82.30	-34.76	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Product	Pello Smart Sensor	Test Site	SIP-AC1
Test Engineer	Kyrie Xie	Test Date	2021/10/27 ~ 2021/11/01
Test Band	LTE Band 12, 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
148.83	29.91	18.24	48.15	82.30	-34.15	Peak	Horizontal
730.34	32.69	26.80	59.49	82.30	-22.81	Peak	Horizontal
159.50	29.33	18.01	47.34	82.30	-34.96	Peak	Vertical
960.72	32.10	29.75	61.85	82.30	-20.45	Peak	Vertical
2096.50	66.95	-17.87	49.08	82.30	-33.22	Peak	Horizontal
2793.50	57.82	-15.57	42.25	82.30	-40.05	Peak	Horizontal
1901.00	65.64	-18.81	46.83	82.30	-35.47	Peak	Vertical
2096.50	57.83	-17.87	39.96	82.30	-42.34	Peak	Vertical
Middle Channel							
450.50	30.93	22.11	53.04	82.30	-29.26	Peak	Horizontal
737.62	34.29	27.20	61.49	82.30	-20.81	Peak	Horizontal
583.39	31.45	24.63	56.08	82.30	-26.22	Peak	Vertical
858.38	31.79	28.29	60.08	82.30	-22.22	Peak	Vertical
2122.00	67.80	-17.87	49.93	82.30	-32.37	Peak	Horizontal
2436.50	57.19	-16.85	40.34	82.30	-41.96	Peak	Horizontal
2122.00	57.18	-17.87	39.31	82.30	-42.99	Peak	Vertical
2861.50	51.87	-15.31	36.56	82.30	-45.74	Peak	Vertical
High Channel							
153.68	28.70	18.22	46.92	82.30	-35.38	Peak	Horizontal
745.86	35.55	27.54	63.09	82.30	-19.21	Peak	Horizontal
152.71	30.63	18.26	48.89	82.30	-33.41	Peak	Vertical
948.59	30.66	29.70	60.36	82.30	-21.94	Peak	Vertical
1433.50	58.68	-21.21	37.47	82.30	-44.83	Peak	Horizontal
2147.50	66.41	-17.66	48.75	82.30	-33.55	Peak	Horizontal
2147.50	61.43	-17.66	43.77	82.30	-38.53	Peak	Vertical
3380.00	51.94	-13.35	38.59	82.30	-43.71	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Product	Pello Smart Sensor	Test Site	SIP-AC1
Test Engineer	Kyrie Xie	Test Date	2021/10/27 ~ 2021/11/01
Test Band	LTE Band 13, 1RB, QPSK		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
750.23	33.16	27.61	60.77	82.30	-21.53	Peak	Horizontal
947.14	30.67	29.67	60.34	82.30	-21.96	Peak	Horizontal
696.88	31.86	26.53	58.39	82.30	-23.91	Peak	Vertical
836.07	32.02	28.63	60.65	82.30	-21.65	Peak	Vertical
1552.50	64.21	-20.61	43.60	82.30	-38.70	Peak	Horizontal
2334.50	65.60	-17.16	48.44	82.30	-33.86	Peak	Horizontal
1552.50	61.70	-20.61	41.09	82.30	-41.21	Peak	Vertical
2334.50	60.31	-17.16	43.15	82.30	-39.15	Peak	Vertical
Middle Channel							
753.14	33.92	27.64	61.56	82.30	-20.74	Peak	Horizontal
943.26	31.18	29.56	60.74	82.30	-21.56	Peak	Horizontal
696.88	31.41	26.53	57.94	82.30	-24.36	Peak	Vertical
836.07	31.33	28.63	59.96	82.30	-22.34	Peak	Vertical
1561.00	66.34	-20.57	45.77	82.30	-36.53	Peak	Horizontal
2343.00	65.01	-17.13	47.88	82.30	-34.42	Peak	Horizontal
1561.00	58.94	-20.57	38.37	82.30	-43.93	Peak	Vertical
2343.00	59.70	-17.13	42.57	82.30	-39.73	Peak	Vertical
High Channel							
692.51	32.35	26.42	58.77	82.30	-23.53	Peak	Horizontal
755.56	33.16	27.65	60.81	82.30	-21.49	Peak	Horizontal
697.85	31.81	26.56	58.37	82.30	-23.93	Peak	Vertical
873.42	31.83	27.92	59.75	82.30	-22.55	Peak	Vertical
1561.00	65.09	-20.57	44.52	82.30	-37.78	Peak	Horizontal
2343.00	64.96	-17.13	47.83	82.30	-34.47	Peak	Horizontal
1561.00	57.38	-20.57	36.81	82.30	-45.49	Peak	Vertical
2343.00	60.05	-17.13	42.92	82.30	-39.38	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

5. CONCLUSION

The data collected relate only the item(s) tested and show that unit is compliance with FCC Rules.

Appendix A - Test Setup Photograph

Refer to “2109RSU053-UT” file.

Appendix B - EUT Photograph

Refer to "2109RSU053-UE" file.