

Co-location Report

FCC ID: 2AJ23-HY-W20

APPLICANT: QUANZHOU HEYI ELECTRONICS CO., LTD.

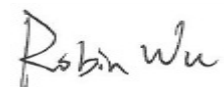
Application Type: Certification

Product: Network Alarm System

Model No.: HY-W20, HY-W5, HY-W6, HY-W7, HY-W21, HY-G20,
HY-L20, HY-W30, HY-G30, HY-L30

FCC Classification: FCC Part 15 Security/Remote Control Transmitter (DSC)
PCS Licensed Transmitter Held to Ear (PCE)
Digital Transmission System (DTS)

Test Date: October 25 ~ 26, 2016

Reviewed By : 
(Robin Wu)

Approved By : 
(Marlin Chen)



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 C63.4-2014. Test results reported herein relate only to the item(s) tested.

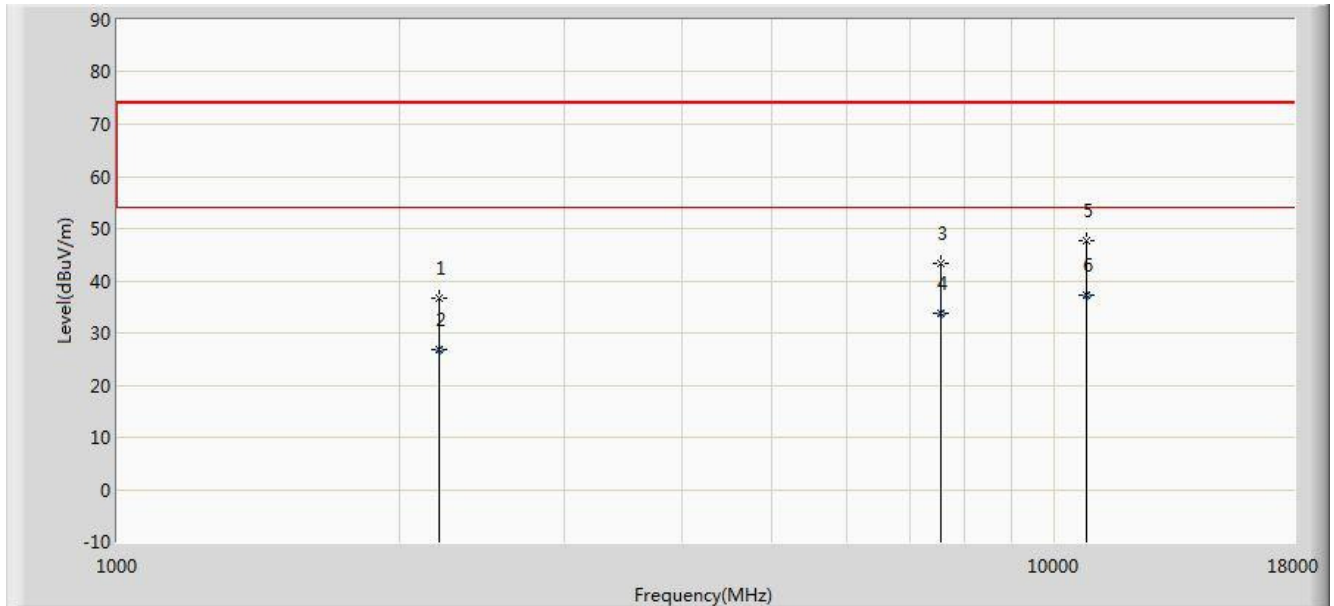
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Revision History

Report No.	Version	Description	Issue Date	Note
1608RSU02208	Rev. 01	Initial report	10-25-2016	Valid

1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	433.92MHz Transmit + GSM 850 Link + 2.4GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		

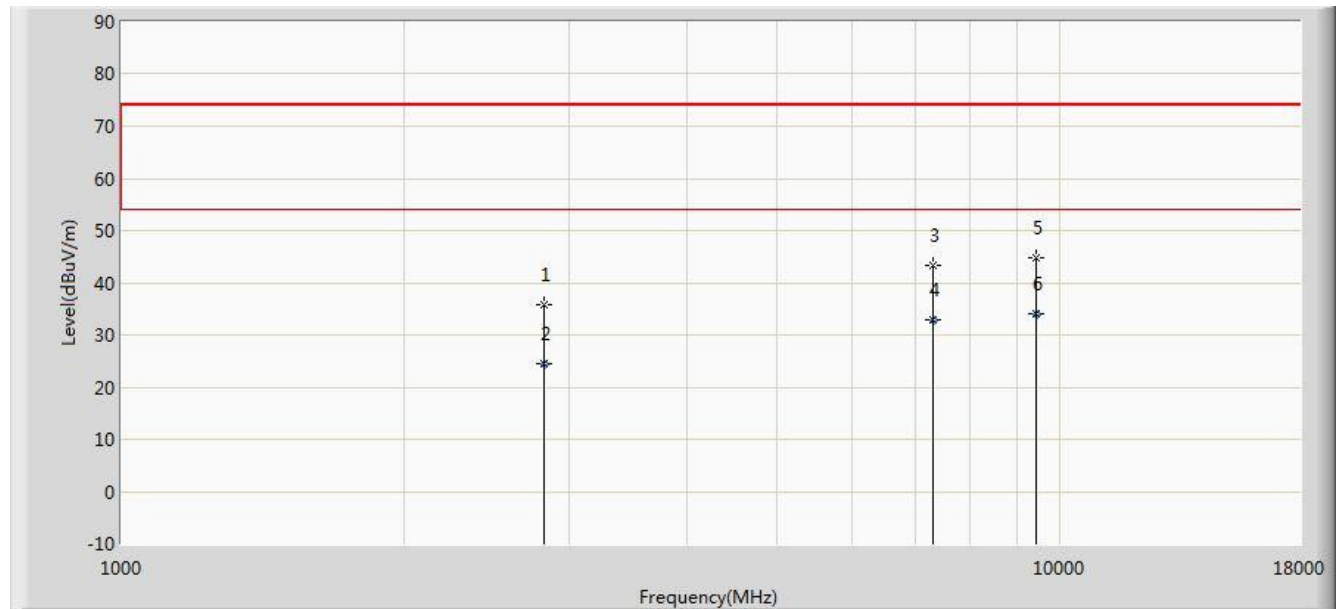


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2207.000	36.739	40.337	-37.261	74.000	-3.598	PK
2			2207.052	26.826	30.424	-27.174	54.000	-3.598	AV
3			7553.500	43.314	35.056	-30.686	74.000	8.259	PK
4			7553.524	33.682	25.424	-20.318	54.000	8.258	AV
5			10826.000	47.788	35.099	-26.212	74.000	12.689	PK
6		*	10826.042	37.113	24.424	-16.887	54.000	12.689	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Test Mode:	433.92MHz Transmit + GSM 850 Link + 2.4GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		

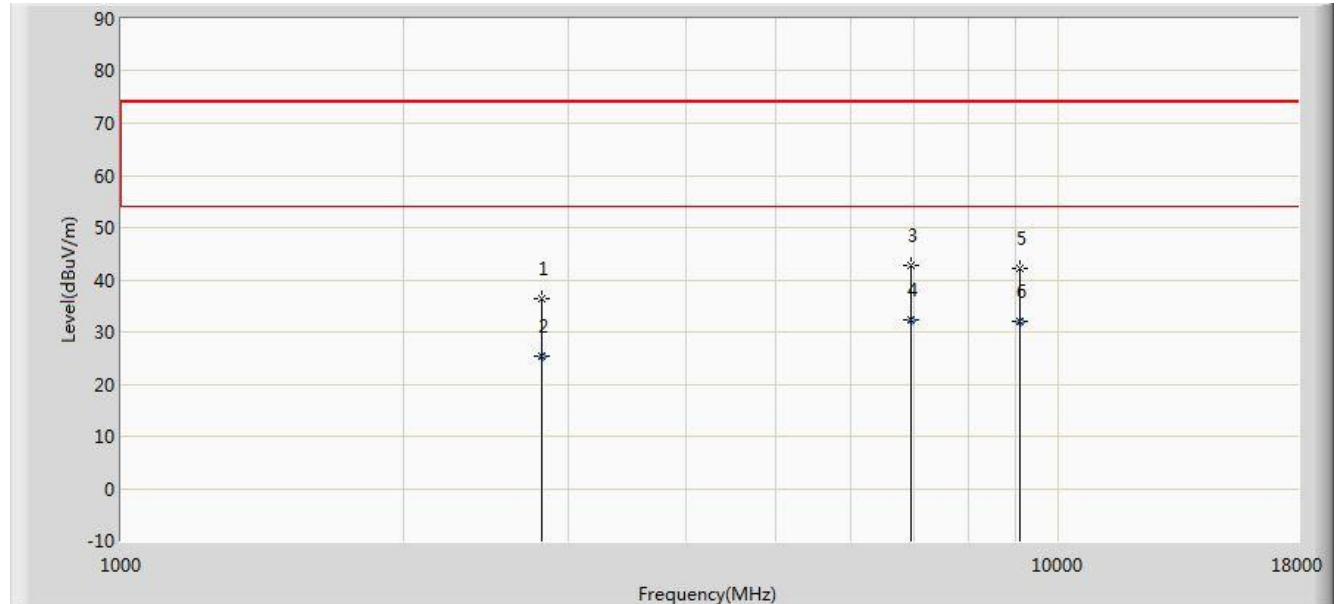


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2819.000	35.822	38.225	-38.178	74.000	-2.403	PK
2			2819.042	24.494	26.897	-29.506	54.000	-2.403	AV
3			7324.000	43.361	35.318	-30.639	74.000	8.043	PK
4			7324.052	32.757	24.714	-21.243	54.000	8.043	AV
5			9423.500	44.854	34.292	-29.146	74.000	10.562	PK
6		*	9423.572	34.102	23.540	-19.898	54.000	10.561	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Test Mode:	433.92MHz Transmit + PCS 1900 Link + 2.4GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		

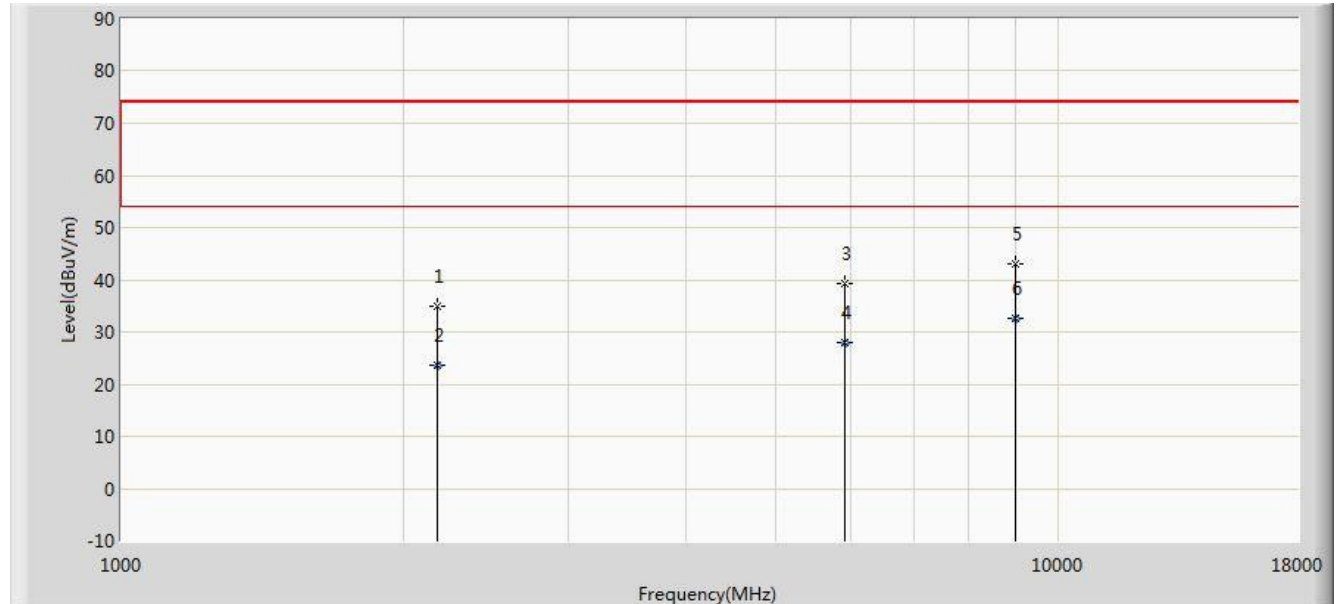


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2810.500	36.281	38.675	-37.719	74.000	-2.395	PK
2			2810.624	25.430	27.824	-28.570	54.000	-2.394	AV
3			6967.000	42.704	35.973	-31.296	74.000	6.731	PK
4		*	6968.054	32.458	25.724	-21.542	54.000	6.734	AV
5			9092.000	42.130	32.921	-31.870	74.000	9.209	PK
6			9092.054	32.046	22.837	-21.954	54.000	9.209	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Test Mode:	433.92MHz Transmit + PCS 1900 Link + 2.4GHz Transmit	Test Site:	AC1
Test Engineer:	Roy Cheng	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2173.000	34.800	38.707	-39.200	74.000	-3.907	PK
2			2173.055	23.507	27.414	-30.493	54.000	-3.907	AV
3			5921.500	39.170	34.926	-34.830	74.000	4.243	PK
4			5921.568	28.068	23.824	-25.932	54.000	4.244	AV
5			8998.500	43.091	34.168	-30.909	74.000	8.923	PK
6		*	8998.524	32.465	23.542	-21.535	54.000	8.923	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

The End