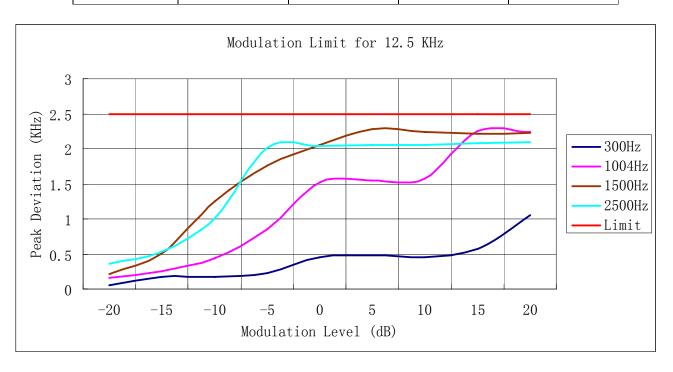


12.5 KHz CI	annel Separation
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TEIG TAIL GRANNOT GODATATION							
Modulation Level(dB)	Peak Freq. Deviation At 300 Hz(KHz)	Peak Freq. Deviation At 1004 H(KHz)	Peak Freq. Deviation At 1500 Hz(KHz)	Peak Freq. Deviation At 2500 Hz(KHz)			
-20	0.06	0.16	0.21	0.36			
-15	0.18	0.25	0.51	0.53			
-10	0.18	0.44	1.25	1.02			
-5	0.23	0.85	1.76	2.01			
0	0.45	1.52	2.05	2.04			
+5	0.48	1.55	2.28	2.05			
+10	0.45	1.58	2.24	2.06			
+15	0.57	2.25	2.21	2.08			
+20	1.05	2.24	2.22	2.09			



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Modulation type: 4FSK

Channel bandwidth: 12.5 kHz

It is not applicable for devices which operate with the digitized voice/data modulation type.

b). Audio Frequency Response:

Rule Part No.: Part 2.1407(a) (b)

Method of Measurement:

The audio frequency response was measured in accordance with TIA/EIA Specification 603 with no exception. A curve or equivalent data showing the frequency response of the audio modulating circuit over a range of 300-3000Hz shall be submitted and Audio Post Limiter Low Pass Filter Response from 3.0 KHz to 50KHz. However, the audio frequency response should test from 100Hz to 5.0 KHz according to FCC Part 90.

Modulation Type: FM

The audio frequency response curve is show below.and

Test Audio Level (1 KHz and 20% maximum deviation) for 25 KHz channel separation is 2.28mv and 2.28mv for 12.5 KHz channel separation.

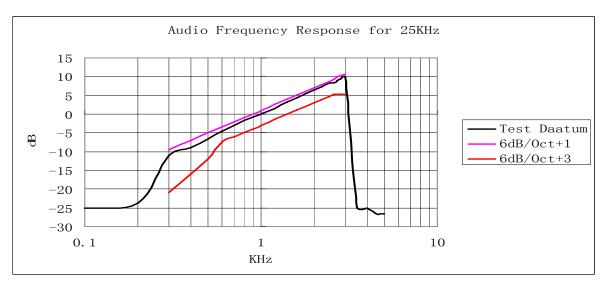
Note:

- 1 Not applicable to new standard. However, tests are conducted under FCC's recommendation.
- 2 The Audio Frequency Response is identical for 12.5 KHz and 25 KHz channel separation

For 25 KHz

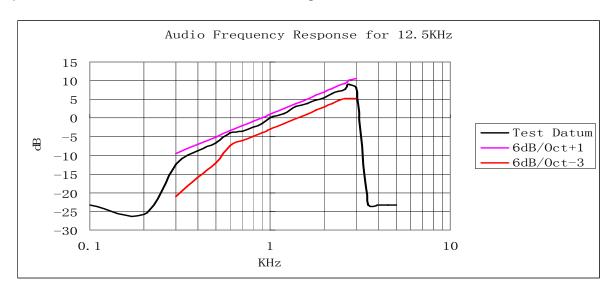
Frequency	Frequency Deviation	1KHz Reference Deviation	Audio Frequency Response
(KHz)	(KHz)	(KHz)	(dB)
0.1	0.06	1.07	-25.02
0.2	0.07	1.07	-23.69
0.3	0.30	1.07	-11.05
0.4	0.38	1.07	-8.99
0.5	0.50	1.07	-6.61
0.6	0.63	1.07	-4.60
0.7	0.75	1.07	-3.09
0.8	0.88	1.07	-1.70
0.9	0.97	1.07	-0.85
1.0	1.07	1.07	0.00
1.2	1.27	1.07	1.49
1.4	1.54	1.07	3.16
1.6	1.76	1.07	4.32
1.8	2.00	1.07	5.43
2.0	2.25	1.07	6.46
2.2	2.45	1.07	7.20
2.4	2.73	1.07	8.14
2.6	2.79	1.07	8.32
2.7	2.98	1.07	8.90
2.8	3.09	1.07	9.21
3.0	3.32	1.07	9.84
3.5	0.06	1.07	-25.02
4.0	0.06	1.07	-25.02
4.5	0.05	1.07	-26.61
5.0	0.05	1.07	-26.61

FCC ID: YAMPD78XGU5H IC: 8913A-PD782GU5H



For 12.5 KHz

F	Farmer Designation	AIZU - Defenses - Deviction	And Francis
Frequency	Frequency Deviation	1KHz Refenerce Deviation	Audio Frequency Response
(KHz)	(KHz)	(KHz)	(dB)
0.1	0.04	0.58	-23.23
0.2	0.03	0.58	-25.73
0.3	0.14	0.58	-12.35
0.4	0.21	0.58	-8.82
0.5	0.27	0.58	-6.64
0.6	0.37	0.58	-3.90
0.7	0.38	0.58	-3.67
0.8	0.44	0.58	-2.40
0.9	0.49	0.58	-1.46
1.0	0.58	0.58	0.00
1.2	0.67	0.58	1.25
1.4	0.84	0.58	3.22
1.6	0.90	0.58	3.82
1.8	1.02	0.58	4.90
2.0	1.09	0.58	5.48
2.2	1.24	0.58	6.60
2.4	1.33	0.58	7.21
2.6	1.41	0.58	7.72
2.7	1.64	0.58	9.03
2.8	1.62	0.58	8.92
3.0	1.47	0.58	8.08
3.5	0.04	0.58	-23.23
4.0	0.04	0.58	-23.23
4.5	0.04	0.58	-23.23
5.0	0.04	0.58	-23.23



Modulation type: 4FSK

Channel bandwidth: 12.5 kHz

It is not applicable for devices which operate with the digitized voice/data modulation type.

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4.6. Frequency Stability Test

TEST APPLICABLE

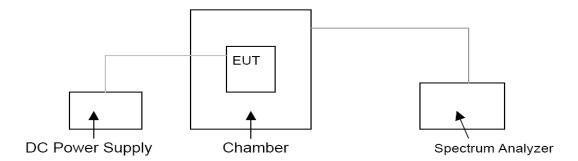
1 According to FCC Part 2 Section 2.1055 (a)(1), the frequency stability shall be measured with variation of ambient temperature from -30℃ to +60℃ centigrade.

- 2 According to FCC Part 2 Section 2.1055 (a) (2), for battery powered equipment, the frequency stability shall be measured with reducing primary supply voltage to the battery operating end point, which is specified by the manufacture.
- 3 Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.
- 4 According to §90.213, the frequency stability limit is 2.5 ppm for 806-809MHz/851-854MHz/896-901MHz/935-940MHz and 1.5ppm for 809-824MHz/854-869MHz.
- According to Section 5.3 of RSS-119, the frequency stability limit is 1.5 ppm for 806-809MHz/851-854MHz/896-901MHz/935-940MHz and 809-824MHz/854-869MHz of 12.5KHz channel separation while 2.5ppm for 806-824MHz/851-869MHz of 25KHz channel separation.

TEST PROCEDURE

The EUT was set in the climate chamber and connected to an external DC power supply. The RF output was directly connected to Spectrum Analyzer ESI 26. The coupling loss of the additional cables was recorded and taken in account for all the measurements. After temperature stabilization (approx. 20 min for each stage), the frequency for the lower, the middle and the highest frequency range was recorded. For Frequency stability Vs. Voltage the EUT was connected to a DC power supply and the voltage was adjusted in the required ranges. The result was recorded.

TEST CONFIGURATION



TEST LIMITS

According to 90.213, Transmitters used must have minimum frequency stability as specified in the following table.

FCC ID: YAMPD78XGU5H IC: 8913A-PD782GU5H

		Mobile s	Mobile stations		
Frequency range (MHz)	Fixed and base stations	Over 2 watts output power	2 watts or less output power		
Below 25 25–50 72–76 150–174 216–220 220–222 ¹² 421–512 806–809 809–824 851–854 854–869 896–901 902–928 902–928 902–928 ¹³ 929–930 935–940 1427–1435	1.2.3 100 20 5 5.11 5 1.0 0.1 7.11.14 2.5 14 1.0 14 1.5 1.0 1.5 14 0.1 2.5 2.5 1.5 0.1	100 20 65 1.5 85 1.5 2.5 1.5 2.5 2.5 2.5 300	200 50 50 4.6 50 1.5 8 5 1.5 2.5 1.5 2.5 2.5 2.5 2.5		
Above 2450 10					

According to section 5.3, Transmitters used must have minimum frequency stability as specified in the following table.

	Channel		Frequency Stability	(ppm)
Frequency Band (MHz)	Spacing (kHz)	Base/Fixed		Station
		Dase/Fixed	>2 watts	≤ 2 watts
27.41-28 and 29.7-50	20	20	20	50
72-76	20	5	20	50
	30	5	5	5
138-174	15	2.5	5	5
	7.5	1	2	5
217-218 and 219-220	12.5	1	5	5
220-222 (Note 1)	5	0.1	1.5	1.5
	25 (Note 2)	0.5	1	1
406.1-430 and 450-470 (Note 6)	25	2.5	5	5
400.1-430 and 430-470 (Note 0)	12.5	1.5	2.5	2.5
	6.25	0.5	1	1
764-776 and 794-806 (Note 3)	6.25 12.5 25	0.1	0.4 (Note 4)	0.4 (Note 4)
	50	1	1.25 (Note 5)	1.25 (Note 5)
	25 (Note2)	0.1	0.1	0.1
806-821/851-866 and 821-824/866-869 (Note 6)	25	1.5	2.5	2.5
, ,	12.5	1	1.5	1.5
896-901/935-940 (Note 6)	12.5	0.1	1.5	1.5
929-930/931-932	25	1.5	N/A	N/A
928-929/952-953 and	25	1.5	N/A	N/A
932-932.5/941-941.5	12.5	1	(for remote station)	N/A
932.5-935/941.5-944	25	2.5	N/A	N/A
234.3-230/271.3-277	12.5	2.5	N/A	N/A

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TEST RESULTS

Modulation	Channel	Test conditio	ns	Free	quency error (pr	om)
Туре	Separation	Voltage(V)	Temp(°C)	806.5MHz	817.0MHz	823.5MHz
			-30	1.07	1.04	0.94
			-20	1.03	1.07	0.97
			-10	0.99	0.97	0.90
			0	0.88	0.74	0.79
		7.40	10	0.75	0.69	0.68
Analog/FM	Analog/FM 25KHz		20	0.64	0.64	0.70
			30	0.67	0.66	0.67
			40	0.77	0.76	0.63
			50	0.91	0.88	0.73
		6.29 (85% Rated)	20	0.66	0.77	0.63
		8.51 (115% Rated)	20	0.68	0.71	0.65
	Limit for FCC			1.50	2.50	2.50
Limit for IC				2.50	2.50	2.50
	Conclusio	n	Complies			

Modulation	Channel	Test conditio	ns	Fre	quency error (pp	om)
Туре	Separation	Voltage(V)	Temp(°C)	851.5MHz	860.0MHz	868.5MHz
	Analog/FM 25KHz		-30	0.98	1.00	0.94
			-20	0.93	0.86	0.86
			-10	0.91	0.88	0.94
			0	0.80	0.74	0.76
		7.40	10	0.65	0.56	0.64
Analog/FM			20	0.53	0.58	0.54
			30	0.58	0.57	0.58
			40	0.63	0.66	0.53
			50	0.80	0.66	0.65
		6.29 (85% Rated)	20	0.56	0.58	0.53
		8.51 (115% Rated)	20	0.68	0.58	0.58
	Limit for FCC			1.50	2.50	2.50
	Limit for IC			2.50	2.50	2.50
	Conclusio	n	Complies			

Modulation	Channel	Test conditio	ns	Fre	quency error (pp	om)
Туре	Separation	Voltage(V)	Temp(°C)	806.5MHz	817.0MHz	823.5MHz
			-30	1.04	1.04	1.00
			-20	1.06	1.03	0.96
			-10	1.05	1.01	0.88
			0	0.87	0.88	0.75
		7.40	10	0.82	0.65	0.79
Analog/FM	Analog/FM 12.5KHz		20	0.69	0.64	0.56
			30	0.64	0.64	0.66
			40	0.76	0.73	0.66
			50	0.83	0.84	8.0
		6.29 (85% Rated)	20	0.67	0.68	0.64
		8.51 (115% Rated)	20	0.68	0.72	0.64
Limit for FCC				1.50	2.50	2.50
Limit for IC				1.50	1.50	1.50
	Conclusio	n		Cor	nplies	

Modulation	Channel	Test condition	ns	Fre	quency error (pp	om)
Type	Separation	Voltage(V)	Temp(°C)	851.5MHz	860.0MHz	868.5MHz
		-30	0.97	0.94	0.98	
			-20	0.99	0.96	0.93
			-10	1.01	0.92	0.94
			0	0.73	0.81	0.77
	Analog/FM 12.5KHz	7.40	10	0.66	0.68	0.64
Analog/FM		(Hz	20	0.58	0.54	0.58
			30	0.57	0.53	0.61
			40	0.70	0.66	0.63
			50	0.77	0.68	0.63
		6.29 (85% Rated)	20	0.61	0.67	0.70
		8.51 (115% Rated)	20	0.58	0.55	0.69
	Limit for FCC			1.50	2.50	2.50
Limit for IC				1.50	1.50	1.50
	Conclusio	n	Complies			

Modulation	Channel	Test conditi	ons	Frequency	error (ppm)
Type	Separation	Voltage(V)	Temp(°C)	896.5MHz	900.5MHz
	•		-30	0.88	0.87
			-20	0.83	0.89
			-10	0.70	0.81
			0	0.60	0.63
		7.40	10	0.48	0.55
Analog/FM	12.5KHz		20	0.46	0.45
			30	0.47	0.47
			40	0.56	0.57
			50	0.67	0.71
		6.29 (85% Rated)	20	0.48	0.46
		8.51 (115% Rated)	20	0.52	0.48
Limit for FCC			1.50	1.50	
Limit for IC				1.50	1.50
	Conclusion			Complies	

Modulation	Channel	Test condition	ons	Frequency	error (ppm)
Туре	Separation	Voltage(V)	Temp(℃)	935.5MHz	939.5MHz
	•		-30	0.82	0.78
			-20	0.73	0.80
			-10	0.69	0.71
			0	0.53	0.6
		7.40	10	0.45	0.48
Analog/FM	12.5KHz		20	0.47	0.39
			30	0.48	0.34
			40	0.46	0.42
			50	0.68	0.64
		6.29 (85% Rated)	20	0.44	0.37
		8.51 (115% Rated)	20	0.59	0.35
Limit for FCC				1.50	1.50
Limit for IC				1.50	1.50
	Conclusion			Complies	

Modulation	Channel	Test conditio	ns	Fre	quency error (pr	om)
Туре	Separation	Voltage(V)	Temp(°C)	806.5MHz	817.0MHz	823.5MHz
			-30	1.02	1.04	1.04
			-20	0.93	0.93	0.92
			-10	1.01	0.87	0.88
			0	0.88	0.83	0.73
		7.40	10	0.81	0.78	0.76
Digital/4FSK	12.5KHz		20	0.62	0.67	0.64
			30	0.59	0.68	0.64
			40	0.57	0.80	0.62
			50	0.88	0.90	0.74
		6.29 (85% Rated)	20	0.70	0.63	0.64
		8.51 (115% Rated)	20	0.68	0.65	0.64
	Limi	t for FCC		1.50	2.50	2.50
_	Lim	nit for IC		1.50	1.50	1.50
	Conclusio	n		Cor	nplies	

Modulation	Channel	Test conditio	ns	Free	quency error (pp	om)		
Туре	Separation	Voltage(V)	Temp(°C)	851.5MHz	860.0MHz	868.5MHz		
			-30	0.98	1.00	0.97		
			-20	0.96	0.96	0.89		
			-10	0.94	0.91	0.91		
		7.40	0	0.9	0.76	0.80		
			7.40	10	0.82	0.68	0.68	
Digital/4FSK	12.5KHz		20	0.57	0.54	0.56		
			30	0.56	0.58	0.53		
			40	0.63	0.63	0.66		
			50	0.73	0.77	0.78		
		6.29 (85% Rated)	20	0.68	0.61	0.67		
		8.51 (115% Rated)	20	0.72	0.72	0.71		
	Limi	t for FCC		1.50	2.50	2.50		
	Lim	nit for IC		1.50	1.50	1.50		
	Conclusio	n	Complies					

Modulation	Channel	Test condition	ons	Frequency	error (ppm)	
Туре	Separation	Voltage(V)	Temp(℃)	896.5MHz	900.5MHz	
	•		-30	0.86	0.86	
			-20	0.82	0.85	
			-10	0.78	0.84	
			0	0.67	0.66	
		7.40	10	0.55	0.57	
Digital/4FSK	12.5KHz		20	0.48	0.47	
			30	0.44	0.47	
		-	40	0.56	0.59	
			50	0.67	0.70	
		6.29 (85% Rated)	20	0.43	0.50	
		8.51 (115% Rated)	20	0.44	0.48	
	Limit fo	or FCC		1.50	1.50	
	Limit	for IC		1.50	1.50	
	Conclusion		Complies			

Modulation	Channel	Test conditi	ons	Frequency	error (ppm)	
Туре	Separation	Voltage(V)	Temp(°C)	935.5MHz	939.5MHz	
			-30	0.87	0.87	
			-20	0.73	0.76	
			-10	0.71	0.74	
			0	0.58	0.60	
	12.5KHz	7.40	10	0.62	0.51	
Digital/4FSK			20	0.47	0.41	
			30	0.50	0.4	
			40	0.46	0.46	
			50	0.64	0.83	
		6.29 (85% Rated)	20	0.47	0.40	
		8.51 (115% Rated)	20	0.51	0.41	
	Limit fo	or FCC		1.50	1.50	
	Limit	for IC		1.50	1.50	
	Conclusion		Complies			

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4.7. Maximum Transmitter Power

TEST APPLICABLE

Per FCC «2.1046 and «90.205: Maximum ERP is dependent upon the station's antenna HAAT and required service area.

Per RSS-119 Section 5.4 and 5.4.1: The output power shall be within ±1.0 dB of the manufacturer's rated power. Typical transmitter output powers are 110 watts for base and/or fixed stations (paging transmitters excepted), and 30 watts for mobile stations. Higher powers may be certified, but it should be noted that mobile stations are normally only licensed up to 30 watts. See the SRSP relevant to the operating frequency for equipment power limits.

TEST PROCEDURE

Measurements shall be made to establish the radio frequency power delivered by the transmitter the standard output termination. The power output shall be monitored and recorded and no adjustment shall be made to the transmitter after the test has begun, except as noted bellow:

If the power output is adjustable, measurements shall be made for the highest and lowest power levels. The EUT connect to the Receiver through 20 dB attenuator.

Measurement with Spectrum Analyzer FSP40 or Aglient E4407B conducted, external power supply with 13.60 V stabilized supply voltage.

TEST CONFIGURATION

EUT	Attenuator	Spectrum Analyzer/Receiver
		, , , , , , , ,

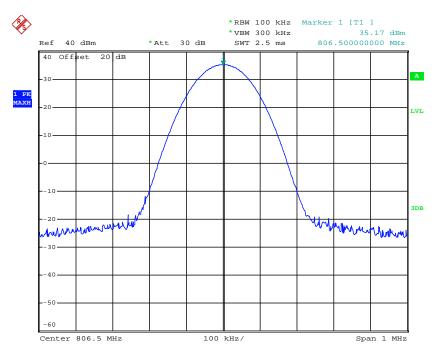
The EUT was directly connected to a RF Communication
Test set by a 20 dB attenuator

TEST RESULTS

Frequency Range (MHz)	Modulation Type	Channel Separation	Test Channel	. (dE	Power Test Results Bm)		
(IVII IZ)	Type	(KHz)	Chamilei	Rated High Power	Rated Low Power		
			Low	35.17	30.80		
		25	Middle	34.94	30.81		
	Analog/FM		High	34.80	30.38		
	Analog/Fivi	12.5	Low	35.21	30.41		
806-825			Middle	34.98	30.81		
			High	34.87	30.52		
	Digital/4FSK		Low	35.23	30.68		
		12.5	Middle	34.98	30.81		
			High	34.90	30.49		
	Analog/FM		Low	35.02	30.92		
		25	Middle	35.02	30.95		
			High	35.07	30.37		
851-870		12.5	Low	35.09	30.92		
			Middle	35.09	30.99		
			High	35.05	30.39		
		12.5	Low	35.04	30.21		
	Digital/4FSK		Middle	35.11	30.26		
			High	35.11	30.39		
	Analog/FM		Low	34.31	30.54		
896-902	Analog/Fivi	12.5	High	34.38	30.62		
090-902	Digital/4FSK	12.5	Low	34.51	30.78		
	Digital/4F3K		High	34.44	30.76		
	Analog/FM		Low	34.36	30.61		
035 041	Allalog/FIVI	12.5	High	34.16	30.56		
935-941	Digital/4FSK	12.0	Low	34.37	30.33		
	•		High	34.32	30.30		
Limit	FCC:The limit is dependent upon the station's antenna HAAT and required service area.						
LIIIII	IC:The output power shall be within ±1.0 dB of the manufacturer's rated power.						
Test Results		Compliance					

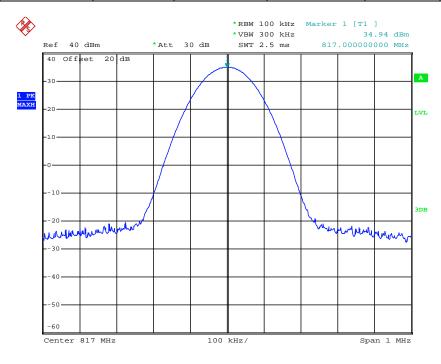
Plots of Maximum Transmitter Power Measurement

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	806.5000	3	35.17	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 14:21:38

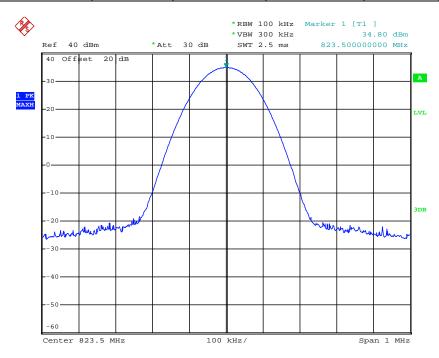
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results	
FM	25 KHz	817.0000	3	34.94	Varies	34.77±1	Complicance	



Date: 1.APR.2013 14:24:23

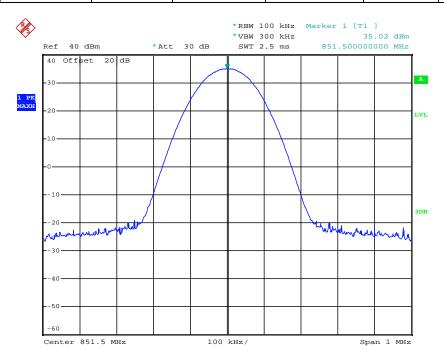
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	823.5000	3	34.80	Varies	34.77±1	Complicance



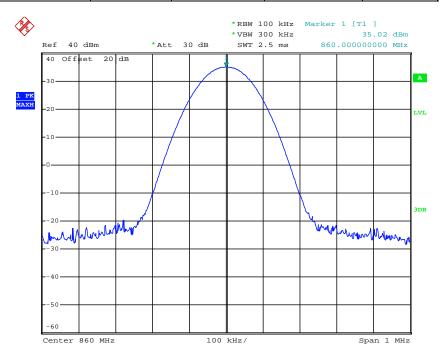
Date: 1.APR.2013 14:24:58

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	851.5000	3	35.02	Varies	34.77 ± 1	Complicance



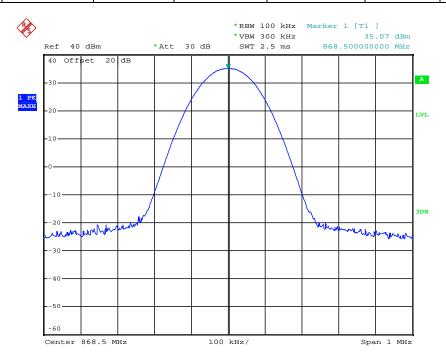
Date: 1.APR.2013 15:05:33

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	860.0000	3	35.02	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 15:06:56

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	868.5000	3	35.07	Varies	34.77 ± 1	Complicance

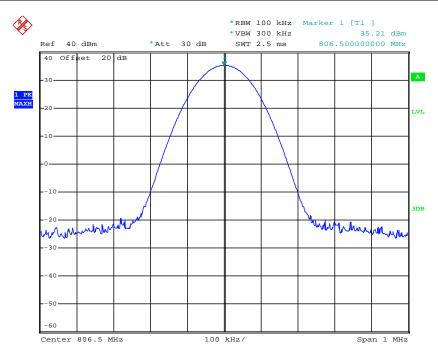


Date: 1.APR.2013 15:09:02

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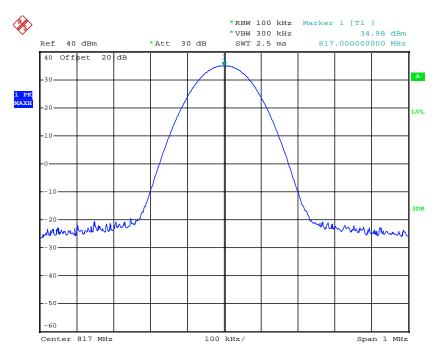
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	806.5000	3	35.21	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 14:19:16

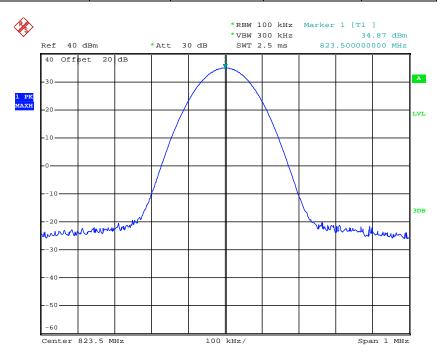
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	817.0000	3	34.98	Varies	34.77±1	Complicance



Date: 1.APR.2013 14:20:00

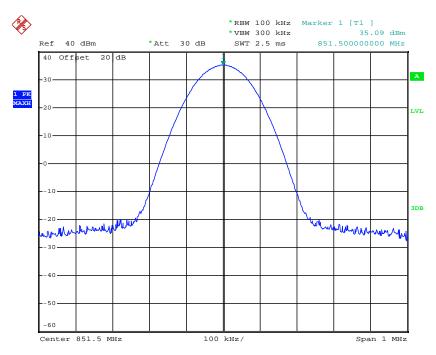
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	823.5000	3	34.87	Varies	34.77±1	Complicance



Date: 1.APR.2013 14:20:56

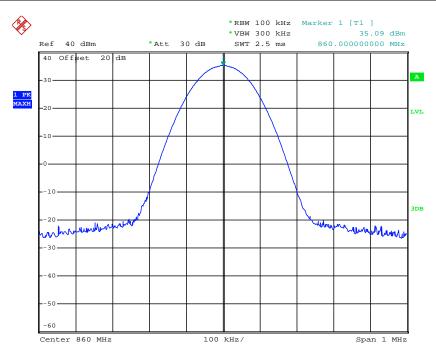
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	851.5000	3	35.09	Varies	34.77±1	Complicance



Date: 1.APR.2013 15:02:34

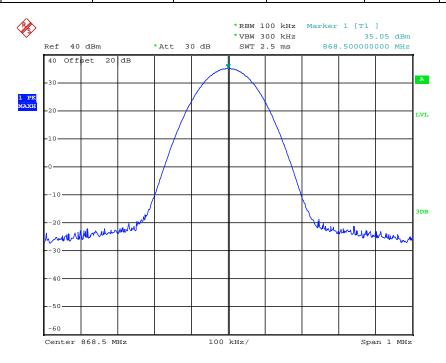
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	860.0000	3	35.09	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 15:03:21

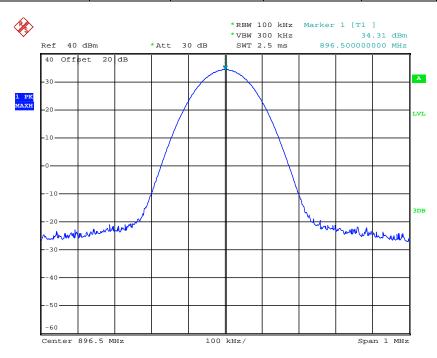
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	868.5000	3	35.05	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 15:04:42

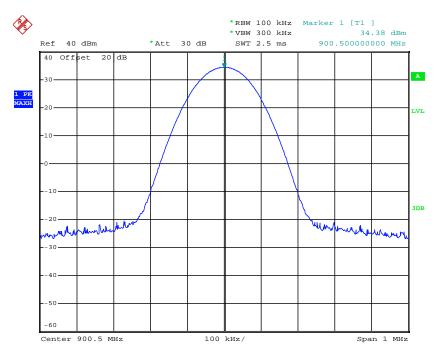
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	896.5000	2.5	34.31	Varies	33.98±1	Complicance



Date: 1.APR.2013 14:30:34

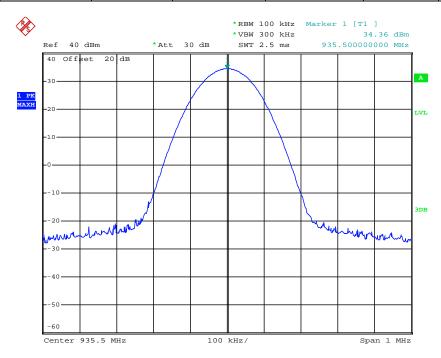
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	900.5000	2.5	34.38	Varies	33.98 ± 1	Complicance



Date: 1.APR.2013 14:31:45

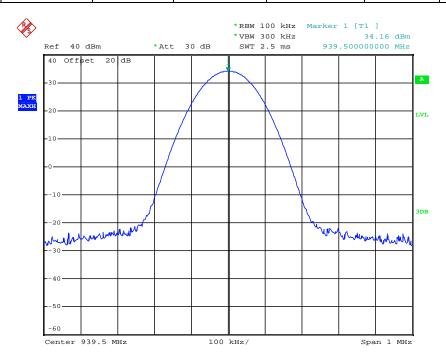
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	935.5000	2.5	34.36	Varies	33.98±1	Complicance



Date: 1.APR.2013 15:13:00

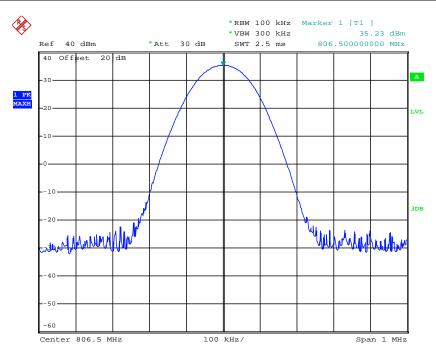
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	939.5000	2.5	34.16	Varies	33.98 ± 1	Complicance



Date: 1.APR.2013 15:13:48

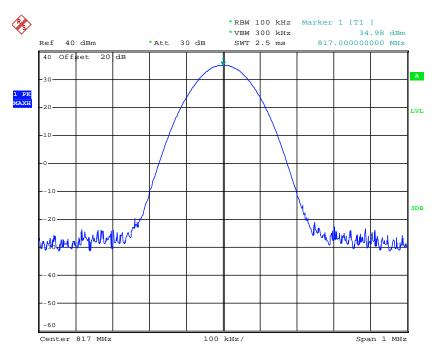
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	806.5000	3	35.23	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 14:26:25

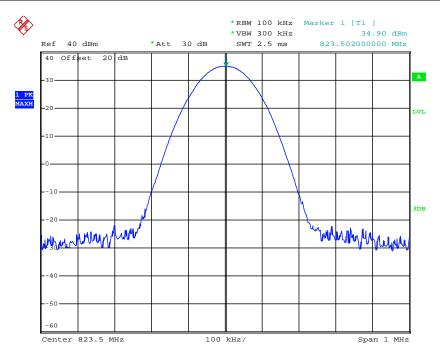
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	817.0000	3	34.98	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 14:27:36

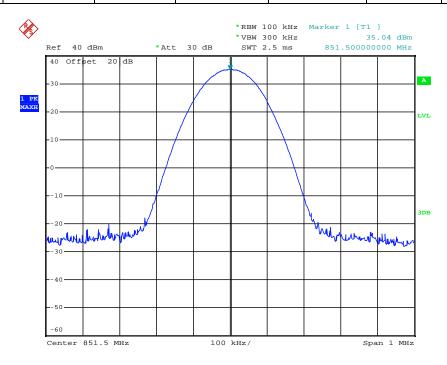
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	823.5000	3	34.90	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 14:28:19

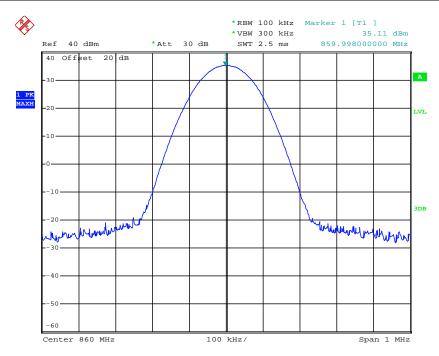
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	851.5000	3	35.04	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 15:10:29

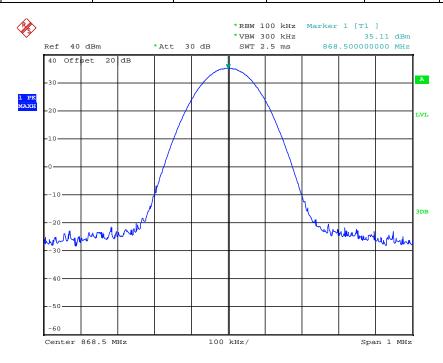
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	860.0000	3	35.11	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 15:11:34

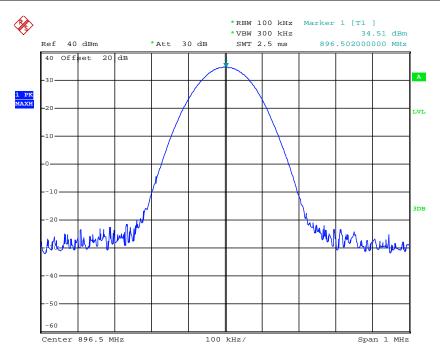
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	868.5000	3	35.11	Varies	34.77 ± 1	Complicance



Date: 1.APR.2013 15:12:24

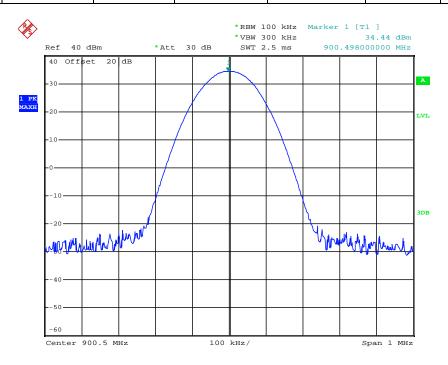
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	896.5000	2.5	34.51	Varies	33.98±1	Complicance



Date: 1.APR.2013 14:39:19

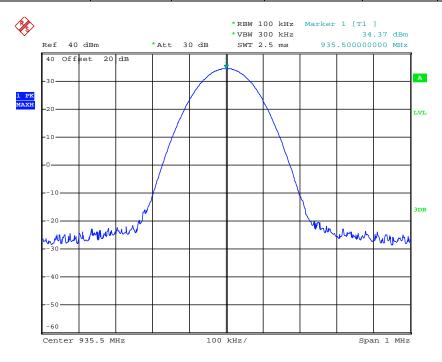
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	900.5000	2.5	34.44	Varies	33.98±1	Complicance



Date: 1.APR.2013 14:33:55

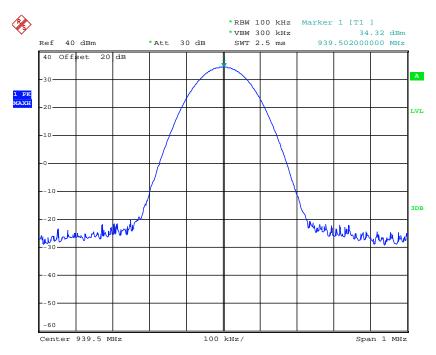
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	935.5000	2.5	34.37	Varies	33.98 ± 1	Complicance



Date: 1.APR.2013 15:15:23

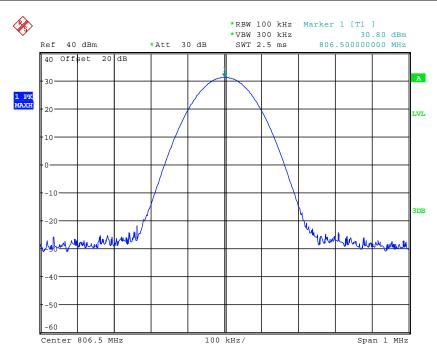
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	939.5000	2.5	34.32	Varies	33.98 ± 1	Complicance



Date: 1.APR.2013 15:15:48

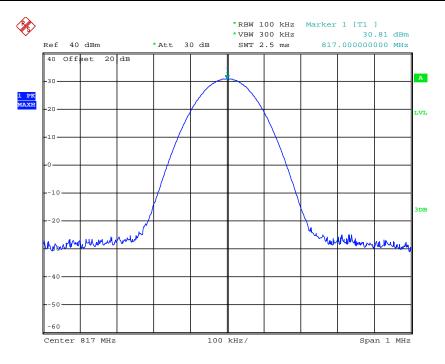
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M	odulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
	FM	25 KHz	806.5000	1	30.80	Varies	30.00±1	Complicance



Date: 1.APR.2013 14:22:21

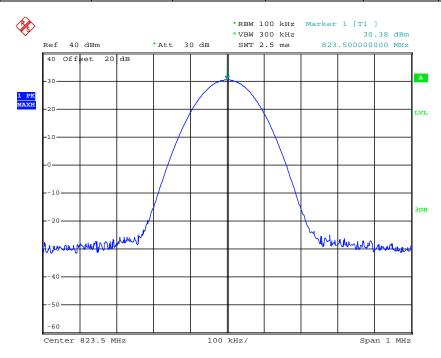
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	817.0000	1	30.81	Varies	30.00±1	Complicance



Date: 1.APR.2013 14:45:51

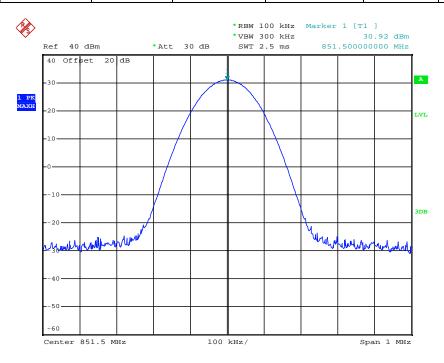
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	823.5000	1	30.38	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:25:18

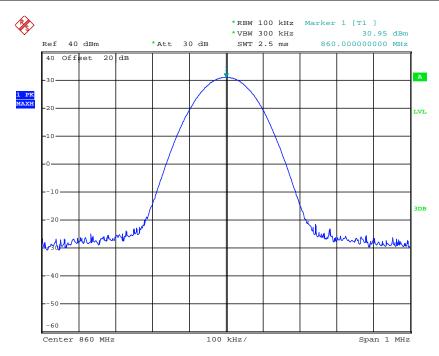
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	851.5000	1	30.92	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:05:50

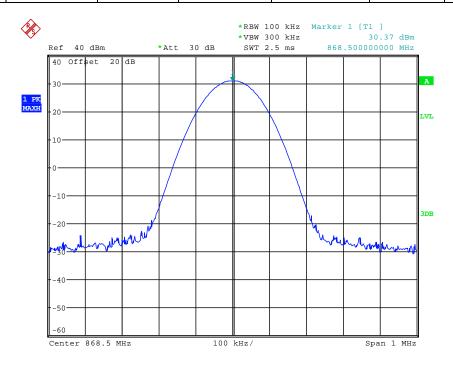
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	860.0000	1	30.95	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:06:39

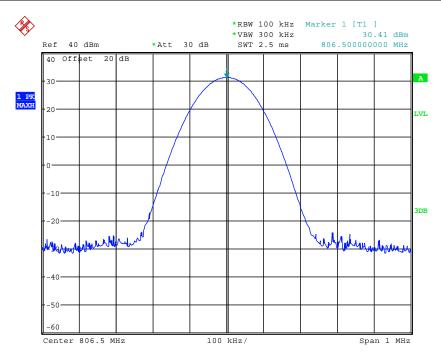
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	25 KHz	868.5000	1	30.37	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:07:38

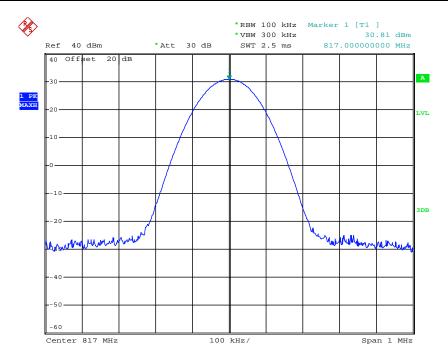
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	806.5000	1	30.41	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:23:05

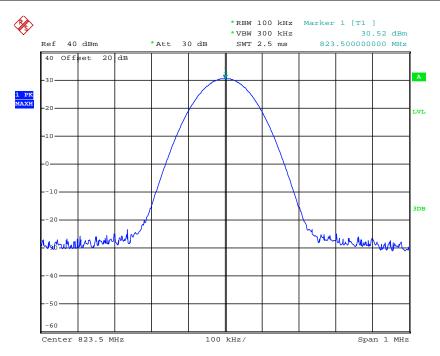
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	817.0000	1	30.81	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:45:51

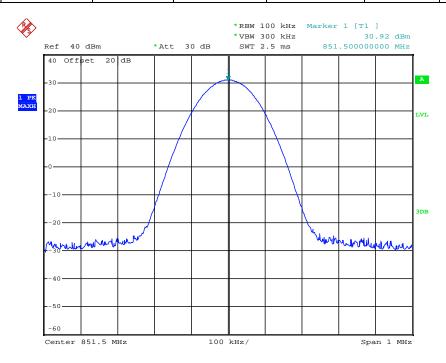
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	823.5000	1	30.52	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:40:14

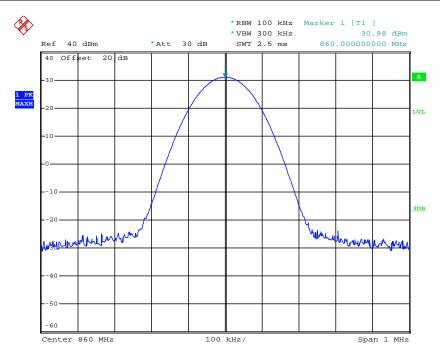
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	851.5000	1	30.92	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:01:55

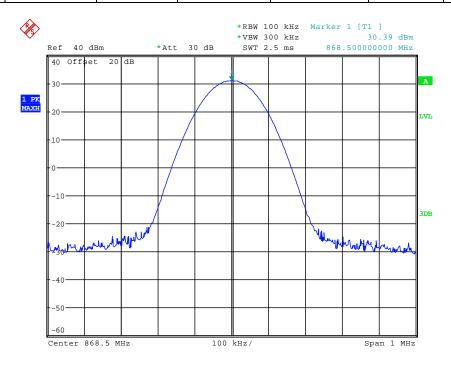
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	860.0000	1	30.99	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:03:41

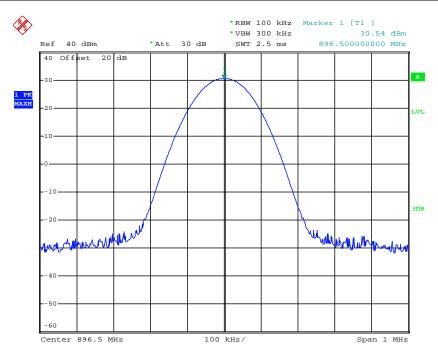
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	868.5000	1	30.39	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:04:24

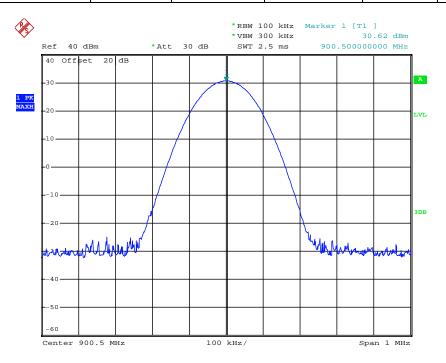
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	896.5000	1	30.54	Varies	30.00±1	Complicance



Date: 1.APR.2013 14:30:48

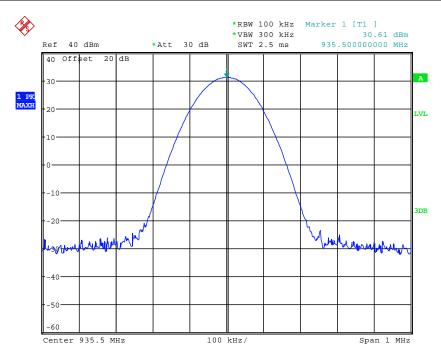
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	900.5000	1	30.62	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:33:05

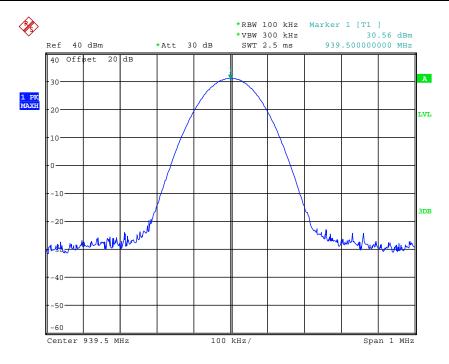
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	935.5000	1	30.61	Varies	30.00±1	Complicance



Date: 1.APR.2013 15:13:13

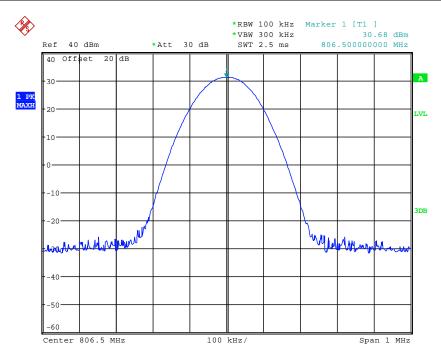
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
FM	12.5 KHz	939.5000	1	30.56	Varies	30.00±1	Complicance



Date: 1.APR.2013 15:14:40

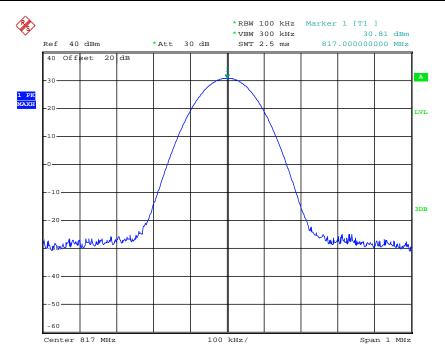
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	806.5000	1	30.68	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:26:02

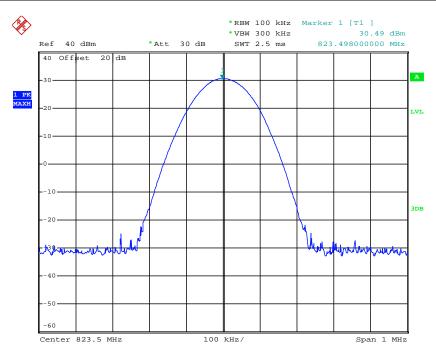
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	817.0000	1	30.81	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:45:51

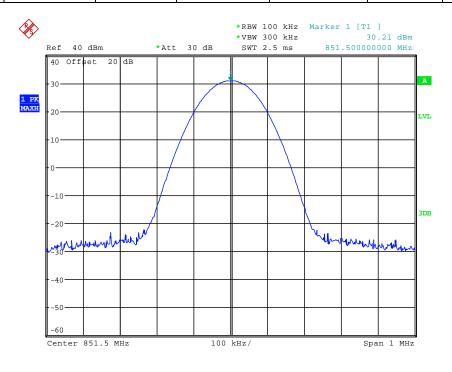
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	823.5000	1	30.49	Varies	30.00±1	Complicance



Date: 1.APR.2013 14:29:44

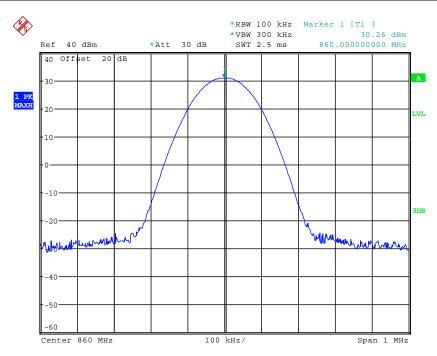
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	851.5000	1	30.21	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:10:15

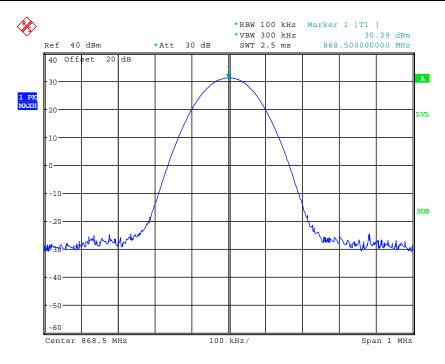
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	860.0000	1	30.26	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:10:51

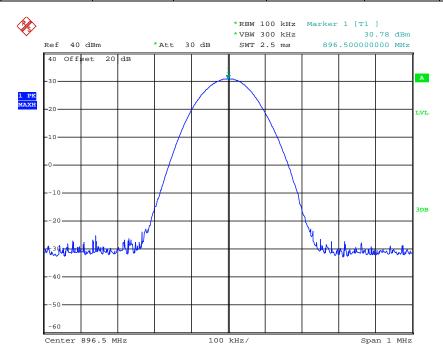
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	868.5000	1	30.39	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:12:13

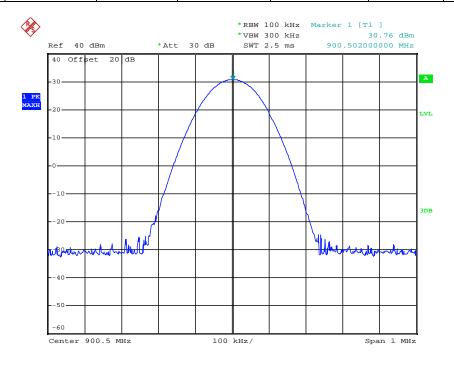
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Modulatio Type	n Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	896.5000	1	30.78	Varies	30.00±1	Complicance



Date: 1.APR.2013 14:39:35

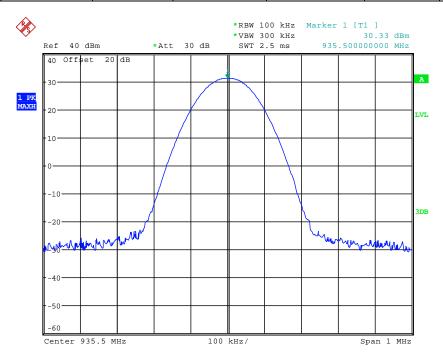
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	900.5000	1	30.76	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 14:33:27

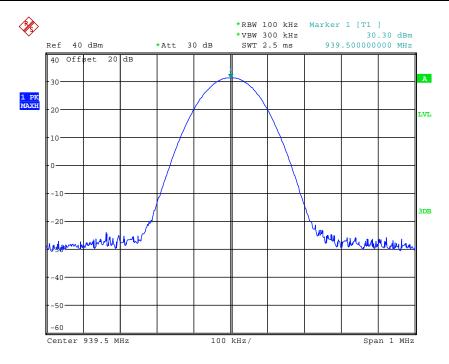
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Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	935.5000	1	30.33	Varies	30.00 ± 1	Complicance



Date: 1.APR.2013 15:15:04

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	IC Limit (dB)	Results
4FSK	12.5 KHz	939.5000	1	30.30	Varies	30.00 ± 1	Complicance



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4.8. Receiver Radiated Spurious Emssion

TEST APPLICABLE

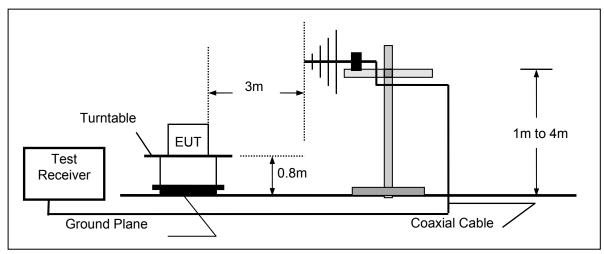
The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

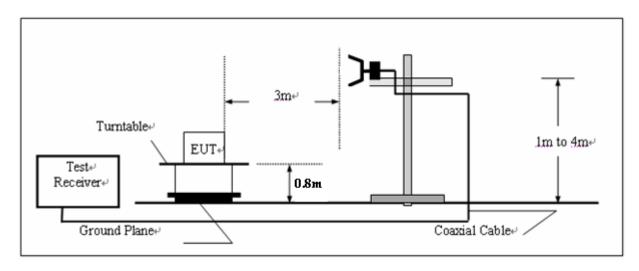
Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

TEST CONFIGURATION

(A) Radiated Emission Test Set-Up, Frequency below 1000MHz



(B) Radiated Emission Test Set-Up, Frequency above 1000MHz



TEST PROCEDURE

- 1 The EUT was placed on a turn table which is 0.8m above ground plane.
- 2 Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0° to 360°C to acquire the highest emissions from EUT
- 3 And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 4 Repeat above procedures until all frequency measurements have been completed.

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RECEIVER RADIATED SPOUIOUS LIMIT

For unintentional device, according to § 15.109(a) and RSS-Gen, except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

	Frequency (MHz)	Distance (Meters)	Radiated (dBµV/m)	Radiated (µV/m)
	30-88	3	40.0	100
	88-216	3	43.5	150
Ī	216-960	3	46.0	200
	Above 960	3	54.0	500

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

TEST RESULTS

The Radiated Measurement are performed to the five channels (the top channel, the middle channel and the bottom channel), the datum recorded below is the worst case for each channel separation; and the EUT shall be scanned from 30 MHz to the 5th harmonic of the highest oscillator frequency in the digital devices or 1 GHz whichever is higher.

FCC ID: YAMPD78XGU5H IC: 8913A-PD782GU5H

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Both For FCC and IC Review

Modulation	Channel	Test	Polar.	Maximum Emis	FCC Limit			
Туре	Separation	Frequency (MHz)	Folal.	Frequency (MHz)	Datum (dBuV/m)	(dBuV/m)		
FM	25 KHz	806.5000	Н	926.28	29.70	46.00		
ΓIVI	23 KHZ	800.3000	V	881.66	30.70	46.00		
	Test Results		Compliance					

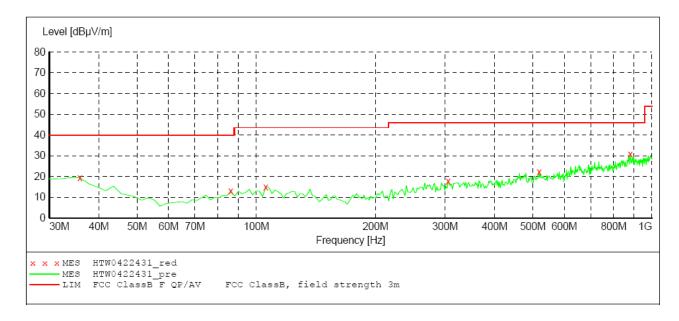
SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength Start Stop Detector Meas. IF

Frequency Time Bandw.

Transducer

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422431 red"

4/22/2013	6:07PM								
Frequen	су L	evel :	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
M	Hz dB	μV/m	dB	dBµV/m	dB		cm	deg	
35.8200	00 1	9.40	-12.9	40.0	20.6	PK	100.0	0.00	VERTICAL
86.2600	00 1	2.80	-19.4	40.0	27.2	PK	100.0	0.00	VERTICAL
105.6600	00 1	4.90	-18.2	43.5	28.6	PK	100.0	0.00	VERTICAL
305.4800	00 1	7.80	-15.0	46.0	28.2	PK	100.0	0.00	VERTICAL
518.8800	00 2	2.20	-10.9	46.0	23.8	PK	100.0	0.00	VERTICAL
881.6600	00 3	0.70	-4.4	46.0	15.3	PK	100.0	0.00	VERTICAL

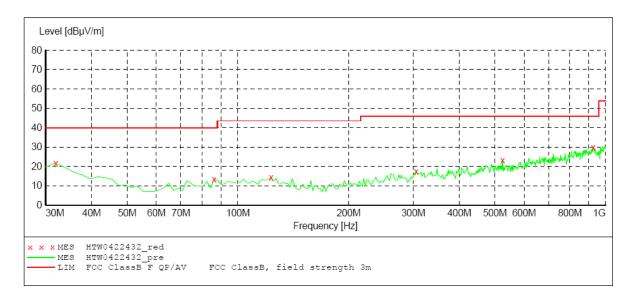
SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength

Start Stop Detector Meas. IF Transducer

Frequency Frequency Time Bandw.

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422432 red"

4/22/2013 6:0								
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
31.940000	21.60	-11.1	40.0	18.4	PK	100.0	0.00	HORIZONTAL
86.260000	13.40	-19.4	40.0	26.6	PK	100.0	0.00	HORIZONTAL
123.120000	14.10	-18.0	43.5	29.4	PK	100.0	0.00	HORIZONTAL
305.480000	17.40	-15.0	46.0	28.6	PK	100.0	0.00	HORIZONTAL
524.700000	23.10	-11.0	46.0	22.9	PK	100.0	0.00	HORIZONTAL
926.280000	29.70	-4.5	46.0	16.3	PK	100.0	0.00	HORIZONTAL

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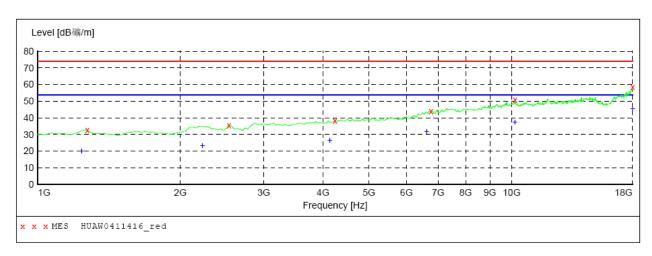
Modulation	Channel	Test	5.	Maximum Emis	FCC Limit		
Туре	Separation	Frequency (MHz)	Polar.	Frequency Datum (MHz) (dBuV/m)		(dBuV/m)	
FM	25 1/11-	906 5000	Н	18000.00	45.80	54.00	
LIVI	25 KHz	806.5000	V	18000.00	45.80	54.00	
	Test Results		Compliance				

SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength Start Stop Detector Meas. IF Transducer Time Bandw.

1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411416 red"

4/11/2013 4:3 Frequency MHz	35PM Level dB礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1272.545090	32.70	-8.2	73.9	41.2	PK	100.0	284.00	VERTICAL
2533.066132	35.50	-5.1	73.9	38.4	PK	100.0	0.00	VERTICAL
4236.472946	38.40	0.3	73.9	35.5	PK	100.0	78.00	VERTICAL
6757.515030	43.90	8.3	73.9	30.0	PK	100.0	284.00	VERTICAL
10164.328657	50.70	13.1	73.9	23.2	PK	100.0	169.00	VERTICAL
18000.000000	58.60	26.3	73.9	15.3	PK	100.0	343.00	VERTICAL

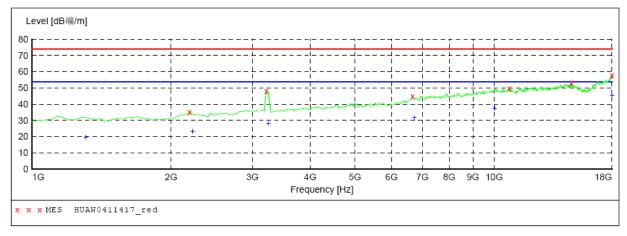
MEASUREMENT RESULT: "HUAW0411416_red2"

4/11/2013 4:3	35PM							
Frequency MHz	Level dB礦/m		Limit dB礦/m		Det.	Height cm	Azimuth deg	Polarization
1238.476954	20.10	-8.5	53.9	33.8	AV	100.0	97.00	VERTICAL
2226.452906	23.30	-4.9	53.9	30.6	AV	100.0	213.00	VERTICAL
4134.268537	26.60	0.1	53.9	27.3	AV	100.0	329.00	VERTICAL
6621.242485	31.70	8.0	53.9	22.2	AV	100.0	360.00	VERTICAL
10164.328657	37.50	13.1	53.9	16.4	AV	100.0	155.00	VERTICAL
18000.000000	45.80	26.3	53.9	8.1	AV	100.0	360.00	VERTICAL

SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength
Start Stop Detector Meas. IF Transducer
Frequency Frequency Time Bandw.
1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411417 red"

4/11/2013 4	:37PM							
Frequency MHz	material and a second a second and a second	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
2192.384770	35.20	-5.0	73.9	38.7	PK	100.0	53.00	HORIZONTAL
3214.428858	48.20	-2.8	73.9	25.7	PK	100.0	319.00	HORIZONTAL
6655.310621	44.70	8.0	73.9	29.2	PK	100.0	274.00	HORIZONTAL
10777.555110	49.70	14.1	73.9	24.2	PK	100.0	158.00	HORIZONTAL
14695.390782	53.30	18.9	73.9	20.6	PK	100.0	158.00	HORIZONTAL
18000.000000	57.80	26.3	73.9	16.1	PK	100.0	11.00	HORIZONTAL

MEASUREMENT RESULT: "HUAW0411417 red2"

4/11/2013	4:371	PM							
Frequenc	СУ	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
M	HZ (dB礦/m	dB	dB礦/m	dB		cm	deg	
								_	
1306.61322	26	19.90	-8.0	53.9	34.0	AV	100.0	3.00	HORIZONTAL
2226.45290) 6	23.30	-4.9	53.9	30.6	AV	100.0	171.00	HORIZONTAL
3248.49699	94	28.40	-2.9	53.9	25.5	AV	100.0	319.00	HORIZONTAL
6723.44689	94	31.90	8.2	53.9	22.0	AV	100.0	53.00	HORIZONTAL
10028.05611	12	37.50	13.2	53.9	16.4	AV	100.0	333.00	HORIZONTAL
18000.00000	0.0	45.80	26.3	53.9	8.1	AV	100.0	359.00	HORIZONTAL

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Modulation	Channel	Test	Polar.		Radiated sions	FCC Limit	
Туре	Separation Frequency (MHz)		Folal.	Frequency (MHz)	Datum (dBuV/m)	(dBuV/m)	
	12.5 KHz	906 5000	Н	932.10	29.70	46.00	
FM	12.5 KHZ	806.5000	V	893.30	30.40	46.00	
Test Results			Compliance				

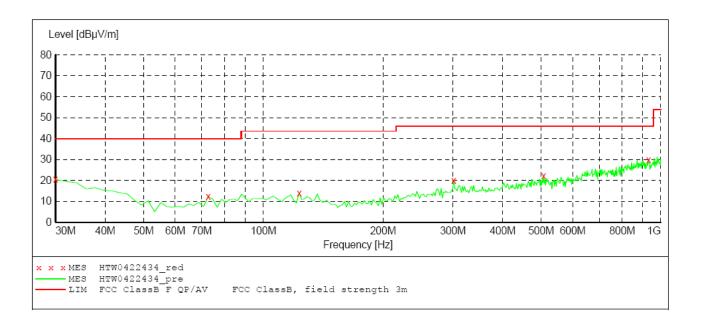
SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength
Start Stop Detector Meas. IF

Transducer

Frequency Frequency Time Bandw.

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422434 red"

4/22/2013 6:	09PM							
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	20.50	-10.0	40.0	19.5	PK	100.0	0.00	HORIZONTAL
72.680000	12.20	-21.3	40.0	27.8	PK	100.0	0.00	HORIZONTAL
123.120000	13.80	-18.0	43.5	29.7	PK	100.0	0.00	HORIZONTAL
301.600000	19.80	-15.3	46.0	26.2	PK	100.0	0.00	HORIZONTAL
507.240000	22.20	-11.3	46.0	23.8	PK	100.0	0.00	HORIZONTAL
932.100000	29.70	-4.5	46.0	16.3	PK	100.0	0.00	HORIZONTAL

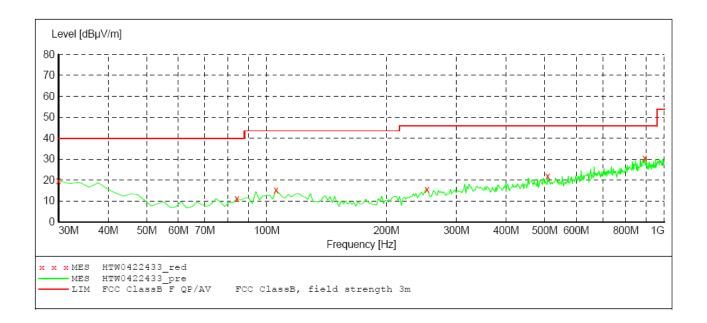
SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength

Stop Detector Meas. IF Transducer Start

Frequency Frequency Time Bandw.

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422433_red"

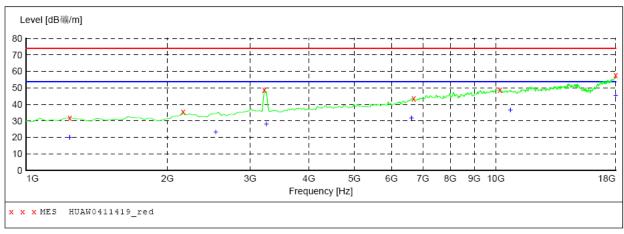
4/	22/2013 6	:09PM							
	Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
	30.000000	19.60	-10.0	40.0	20.4	PK	100.0	0.00	VERTICAL
	84.320000	11.20	-19.8	40.0	28.8	PK	100.0	0.00	VERTICAL
	105.660000	15.20	-18.2	43.5	28.3	PK	100.0	0.00	VERTICAL
	253.100000	15.60	-16.7	46.0	30.4	PK	100.0	0.00	VERTICAL
	509.180000	21.90	-11.3	46.0	24.1	PK	100.0	0.00	VERTICAL
	893.300000	30.40	-4.3	46.0	15.6	PK	100.0	0.00	VERTICAL

Modulation	Channel	Test	5.1		Radiated sions	FCC Limit	
Туре	Separation	Frequency (MHz)	Polar.	Frequency (MHz)	Datum (dBuV/m)	(dBuV/m)	
FM	12.5 KHz	006 5000	Н	18000.00	45.80	54.00	
LIVI	12.5 KHZ	806.5000	V	18000.00	45.80	54.00	
Test Results			Compliance				

SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength
Start Stop Detector Meas. IF Transducer
Frequency Frequency Time Bandw.
1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411419_red"

4/11/2013	4:41P	M							
Frequen M		Level B礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1238.4769	54	31.90	-8.5	73.9	42.0	PK	100.0	296.00	VERTICAL
2158.3166	33	35.40	-5.3	73.9	38.5	PK	100.0	353.00	VERTICAL
3214.4288	58	48.90	-2.8	73.9	25.0	PK	100.0	282.00	VERTICAL
6689.3787	58	43.50	8.1	73.9	30.4	PK	100.0	327.00	VERTICAL
10198.3967	94	49.00	13.1	73.9	24.9	PK	100.0	152.00	VERTICAL
18000.0000	00	57.80	26.3	73.9	16.1	PK	100.0	353.00	VERTICAL

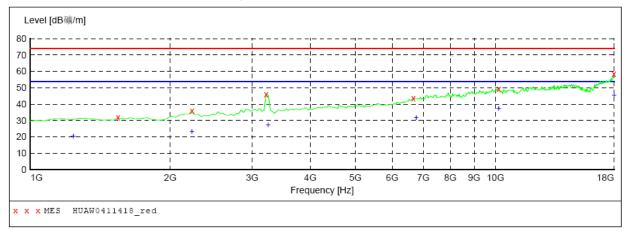
MEASUREMENT RESULT: "HUAW0411419 red2"

4/11/2013	4:41PI	M							
Frequenc MI	4	Level B礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1238.4769	54 2	20.10	-8.5	53.9	33.8	AV	100.0	35.00	VERTICAL
2533.06613	32 2	23.20	-5.1	53.9	30.7	AV	100.0	152.00	VERTICAL
3248.49699	94 1	28.40	-2.9	53.9	25.5	AV	100.0	282.00	VERTICAL
6621.2424	35 3	31.70	8.0	53.9	22.2	AV	100.0	341.00	VERTICAL
10743.4869	74 :	36.90	13.9	53.9	17.0	AV	100.0	353.00	VERTICAL
18000.00000	00 4	45.80	26.3	53.9	8.1	AV	100.0	360.00	VERTICAL

SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength
Start Stop Detector Meas. IF Transducer
Frequency Frequency Time Bandw.
1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411418 red"

4/11/2013 4:3	39PM							
Frequency MHz	Level dB礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1545.090180	31.70	-8.4	73.9	42.2	PK	100.0	271.00	HORIZONTAL
2226.452906	36.00	-4.9	73.9	37.9	PK	100.0	271.00	HORIZONTAL
3214.428858	46.10	-2.8	73.9	27.8	PK	100.0	3.00	HORIZONTAL
6655.310621	43.60	8.0	73.9	30.3	PK	100.0	169.00	HORIZONTAL
10164.328657	49.40	13.1	73.9	24.5	PK	100.0	260.00	HORIZONTAL
17965.931864	58.70	25.9	73.9	15.2	PK	100.0	260.00	HORIZONTAL

MEASUREMENT RESULT: "HUAW0411418_red2"

4/11/2013	4:39PM							
Frequenc	y Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MH	Iz dB礦/m	dB	dB礦/m	dВ		cm	deg	
1238.47695	4 20.50	-8.5	53.9	33.4	AV	100.0	353.00	HORIZONTAL
2226.45290	6 23.30	-4.9	53.9	30.6	AV	100.0	317.00	HORIZONTAL
3248.49699	4 27.50	-2.9	53.9	26.4	AV	100.0	3.00	HORIZONTAL
6757.51503	32.00	8.3	53.9	21.9	AV	100.0	126.00	HORIZONTAL
10164.32865	37.50	13.1	53.9	16.4	AV	100.0	53.00	HORIZONTAL
18000.00000	0 45.80	26.3	53.9	8.1	AV	100.0	360.00	HORIZONTAL

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Modulation	Channel	Test	Polar.	Maximum Emis	FCC Limit		
Туре	Separation	Separation Frequency (MHz)		Frequency (MHz)	Datum (dBuV/m)	(dBuV/m)	
4FSK	12.5 KHz	806.5000	Н	879.72	30.00	46.00	
4F3K	12.5 KHZ	800.3000	V	897.18	30.70	46.00	
Test Results			Compliance				

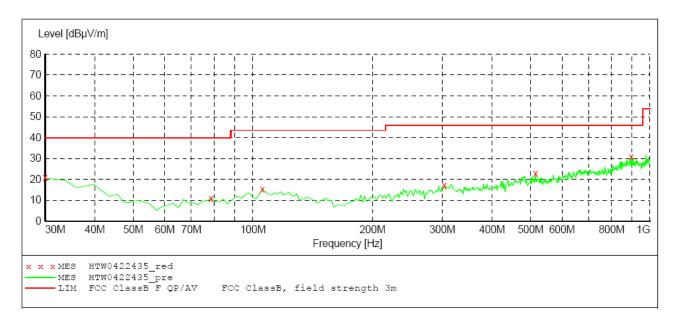
SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength
Start Stop Detector Meas. IF

Transducer

Frequency Frequency Time Bandw.

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422435 red"

4/22/2013 6:1	LOPM							
Frequency MHz	Level dBµV/m		Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	20.80	-10.0	40.0	19.2	PK	100.0	0.00	VERTICAL
78.500000	10.90	-20.8	40.0	29.1	PK	100.0	0.00	VERTICAL
105.660000	15.20	-18.2	43.5	28.3	PK	100.0	0.00	VERTICAL
303.540000	17.00	-15.1	46.0	29.0	PK	100.0	0.00	VERTICAL
515.000000	22.80	-11.1	46.0	23.2	PK	100.0	0.00	VERTICAL
897.180000	30.70	-4.6	46.0	15.3	PK	100.0	0.00	VERTICAL

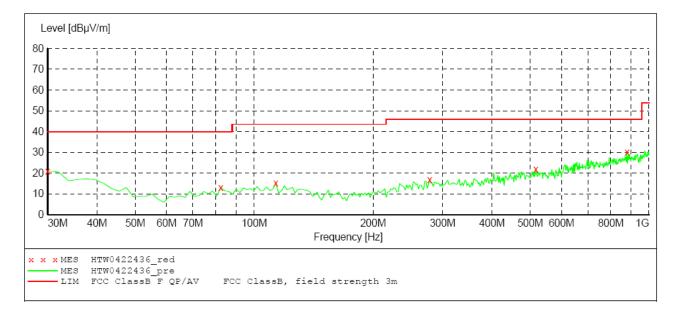
SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength

Start Stop Detector Meas. IF Transducer

Frequency Frequency Time Bandw.

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422436 red"

4/22/2013 6:1	1PM							
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	20.90	-10.0	40.0	19.1	PK	100.0	0.00	HORIZONTAL
82.380000	13.00	-20.2	40.0	27.0	PK	100.0	0.00	HORIZONTAL
113.420000	15.10	-18.1	43.5	28.4	PK	100.0	0.00	HORIZONTAL
278.320000	16.80	-16.3	46.0	29.2	PK	100.0	0.00	HORIZONTAL
516.940000	21.90	-11.0	46.0	24.1	PK	100.0	0.00	HORIZONTAL
879.720000	30.00	-4.4	46.0	16.0	PK	100.0	0.00	HORTZONTAL

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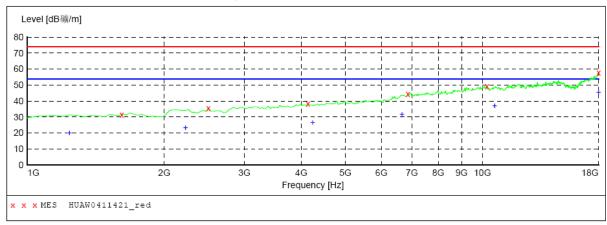
Modulation	Channel	Channel Test Frequency	Polar.	Maximum Emis	FCC Limit		
Type	Separation	(MHz)	Fulai.	Frequency	Datum	(dBuV/m)	
				(MHz)	(dBuV/m)		
4FSK	12.5 KHz	806.5000	Н	18000.00	45.80	54.00	
41-31	12.5 KHZ	800.5000	V	18000.00	45.80	54.00	
Test Results			Compliance				

SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength
Start Stop Detector Meas. IF Transducer
Frequency Frequency Time Bandw.

Frequency Frequency Time Bandw.
1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411421_red"

4/11/2013		- 1				' 1		- 1 ' ' '
Frequenc MH		Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azımutn deq	Polarization
	2 42,750	4.2	QD 1994 / III	ab			acg	
1613.22645	3 31.60	-8.4	73.9	42.3	PK	100.0	112.00	VERTICAL
2498.99799	6 35.40	-5.2	73.9	38.5	PK	100.0	300.00	VERTICAL
4134.26853	7 38.30	0.1	73.9	35.6	PK	100.0	39.00	VERTICAL
6859.71943	9 44.20	8.8	73.9	29.7	PK	100.0	170.00	VERTICAL
10232.46493	0 49.10	13.2	73.9	24.8	PK	100.0	39.00	VERTICAL
18000.00000	0 57.80	26.3	73.9	16.1	PK	100.0	170.00	VERTICAL

MEASUREMENT RESULT: "HUAW0411421 red2"

4/11/2013 4 Frequency MHz	Level	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1238.476954	20.10	-8.5	53.9	33.8	2/17	100.0	241.00	VERTICAL
2226.452906		-4.9	53.9	30.6		100.0	260.00	VERTICAL
4236.472946	26.80	0.3	53.9	27.1		100.0	1.00	VERTICAL
6655.310621	31.80	8.0	53.9	22.1	AV	100.0	331.00	VERTICAL
10641.282565	37.00	13.3	53.9	16.9	AV	100.0	354.00	VERTICAL
18000.000000	45.80	26.3	53.9	8.1	AV	100.0	354.00	VERTICAL

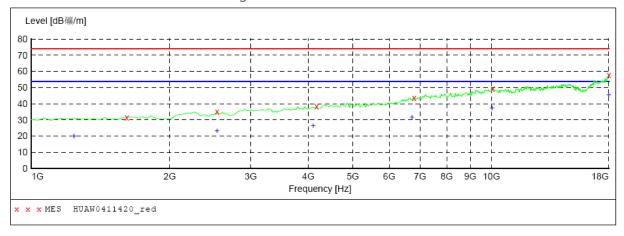
SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength
Start Stop Detector Meas. IF Transducer
Time Bandw.

HF906 2011

Frequency Frequency Time Bandw.
1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411420 red"

4/11/2013 4	4:43PM							
Frequency MHz	netu-h-	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1613.226453	31.60	-8.4	73.9	42.3	PK	100.0	39.00	HORIZONTAL
2533.066132	35.00	-5.1	73.9	38.9	PK	100.0	289.00	HORIZONTAL
4168.336673	38.20	0.1	73.9	35.7	PK	100.0	231.00	HORIZONTAL
6791.583166	43.70	8.4	73.9	30.2	PK	100.0	111.00	HORIZONTAL
10062.124248	3 49.10	13.1	73.9	24.8	PK	100.0	309.00	HORIZONTAL
18000.000000	57.80	26.3	73.9	16.1	PK	100.0	0.00	HORIZONTAL

MEASUREMENT RESULT: "HUAW0411420 red2"

4/11/	2013 4:4	13PM							
Fr	equency MHz	Level dB礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1238	.476954	20.10	-8.5	53.9	33.8	AV	100.0	359.00	HORIZONTAL
2533	.066132	23.50	-5.1	53.9	30.4	AV	100.0	289.00	HORIZONTAL
4100	.200401	26.60	0.0	53.9	27.3	AV	100.0	262.00	HORIZONTAL
6723	.446894	31.90	8.2	53.9	22.0	AV	100.0	321.00	HORIZONTAL
10028	.056112	37.50	13.2	53.9	16.4	AV	100.0	348.00	HORIZONTAL
18000	.000000	45.80	26.3	53.9	8.1	AV	100.0	335.00	HORIZONTAL

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Only For IC Review Not For FCC Review

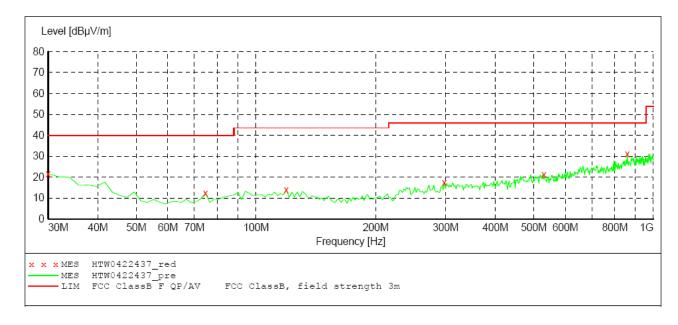
Modulation	Channel	Test	Polar.	Maximum Emis	IC Limit			
Туре	Separation	Frequency (MHz)	Polai.	Frequency (MHz)	Datum (dBuV/m)	(dBuV/m)		
GPS	12.5 KHz	806.5000	Н	871.96	29.60	46.00		
GFS	12.3 KHZ	800.5000	V	860.32	30.90	46.00		
	Test Results			Compliance				

SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength
Start Stop Detector Meas. IF Transducer

Time Bandw. Frequency Frequency

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422437 red"

4/22/2013	6:121	PM							
Frequen M	-	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.0000	00	21.60	-10.0	40.0	18.4	PK	100.0	0.00	VERTICAL
74.6200	00	12.20	-20.9	40.0	27.8	PK	100.0	0.00	VERTICAL
119.2400	00	14.00	-17.9	43.5	29.5	PK	100.0	0.00	VERTICAL
297.7200	00	17.50	-15.5	46.0	28.5	PK	100.0	0.00	VERTICAL
530.5200	00	21.20	-11.1	46.0	24.8	PK	100.0	0.00	VERTICAL
860.3200	0.0	30.90	-5.1	46.0	15.1	PK	100.0	0.00	VERTICAL

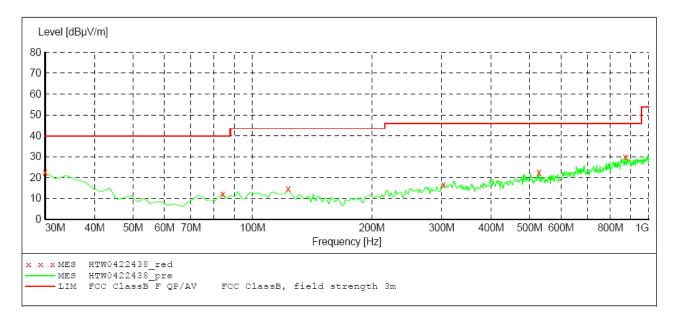
SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength

Start Stop Detector Meas. IF Transducer

Frequency Frequency Time Bandw.

30.0 MHz 1.0 GHz MaxPeak Coupled 120 kHz HL562 201106



MEASUREMENT RESULT: "HTW0422438 red"

4/22/2013 6:1	L3PM							
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	22.40	-10.0	40.0	17.6	PK	100.0	0.00	HORIZONTAL
84.320000	12.10	-19.8	40.0	27.9	PK	100.0	0.00	HORIZONTAL
123.120000	14.50	-18.0	43.5	29.0	PK	100.0	0.00	HORIZONTAL
303.540000	16.40	-15.1	46.0	29.6	PK	100.0	0.00	HORIZONTAL
528.580000	22.50	-11.0	46.0	23.5	PK	100.0	0.00	HORIZONTAL
871.960000	29.60	-4.4	46.0	16.4	PK	100.0	0.00	HORIZONTAL

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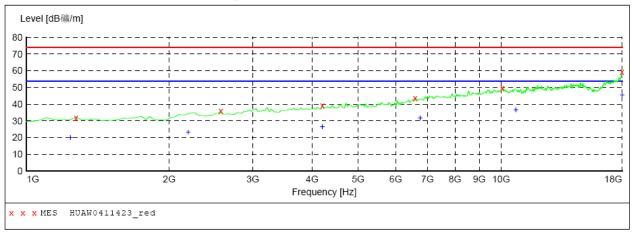
Modulation	Channel	Test	Polar.	Maximum Emis	IC Limit			
Туре	Separation	Frequency (MHz)	Folal.	Frequency (MHz)	Datum (dBuV/m)	(dBuV/m)		
GPS	10 E KU-	906 5000	Н	18000.00	45.80	54.00		
GPS	12.5 KHZ	12.5 KHz 806.5000		V 18000.00 45.80				
Test Results			Compliance					

SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength
Start Stop Detector Meas. IF Transducer
Frequency Frequency Time Bandw.

Frequency Frequency Time Bandw.
1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411423_red"

4/11/2013 4:4 Frequency MHz	49PM Level dB礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1272.545090	32.00	-8.2	73.9	41.9	PK	100.0	65.00	VERTICAL
2567.134269	35.80	-5.0	73.9	38.1	PK	100.0	232.00	VERTICAL
4202.404810	39.00	0.2	73.9	34.9	PK	100.0	360.00	VERTICAL
6587.174349	43.60	7.8	73.9	30.3	PK	100.0	251.00	VERTICAL
10062.124248	49.80	13.1	73.9	24.1	PK	100.0	39.00	VERTICAL
17965.931864	59.40	25.9	73.9	14.5	PK	100.0	206.00	VERTICAL

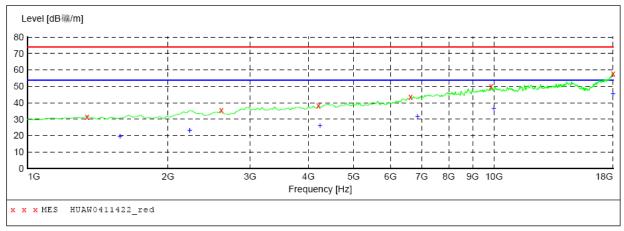
MEASUREMENT RESULT: "HUAW0411423_red2"

4/11/2013 4:	49PM							
Frequency MHz	Level dB礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1238.476954	20.10	-8.5	53.9	33.8	AV	100.0	232.00	VERTICAL
2192.384770	23.30	-5.0	53.9	30.6	AV	100.0	308.00	VERTICAL
4202.404810	26.70	0.2	53.9	27.2	AV	100.0	308.00	VERTICAL
6757.515030	32.00	8.3	53.9	21.9	AV	100.0	93.00	VERTICAL
10743.486974	36.90	13.9	53.9	17.0	AV	100.0	251.00	VERTICAL
18000.000000	45.80	26.3	53.9	8.1	AV	100.0	360.00	VERTICAL

SWEEP TABLE: "test (1G-18G) P"

Short Description: EN 55022 Field Strength
Start Stop Detector Meas. IF Transducer
Frequency Frequency Time Bandw.
1.0 GHz 18.0 GHz MaxPeak Coupled 1 MHz HF906 2011

Average



MEASUREMENT RESULT: "HUAW0411422 red"

4/11/2013 4:4	17PM							
Frequency MHz	Level dB礦/m	Transd dB	Limit dB礦/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1340.681363	31.50	-8.0	73.9	42.4	PK	100.0	169.00	HORIZONTAL
2601.202405	35.40	-5.0	73.9	38.5	PK	100.0	125.00	HORIZONTAL
4202.404810	38.20	0.2	73.9	35.7	PK	100.0	360.00	HORIZONTAL
6621.242485	43.70	8.0	73.9	30.2	PK	100.0	125.00	HORIZONTAL
9857.715431	50.10	13.0	73.9	23.8	PK	100.0	53.00	HORIZONTAL
18000.000000	57.80	26.3	73.9	16.1	PK	100.0	213.00	HORIZONTAL

MEASUREMENT RESULT: "HUAW0411422_red2"

4/11/2013	4:4	7PM							
Frequen	су	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
M	ΗZ	dB礦/m	dB	dB礦/m	dB		cm	deg	
								_	
1579.1583	17	19.90	-8.4	53.9	34.0	AV	100.0	24.00	HORIZONTAL
2226.4529	06	23.30	-4.9	53.9	30.6	AV	100.0	343.00	HORIZONTAL
4236.4729	46	26.30	0.3	53.9	27.6	AV	100.0	330.00	HORIZONTAL
6859.7194	39	31.80	8.8	53.9	22.1	AV	100.0	284.00	HORIZONTAL
9993.9879	76	36.90	13.2	53.9	17.0	AV	100.0	284.00	HORIZONTAL
18000.0000	00	45.80	26.3	53.9	8.1	AV	100.0	360.00	HORIZONTAL

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4.9. Receiver Conducted Spurious Emssion

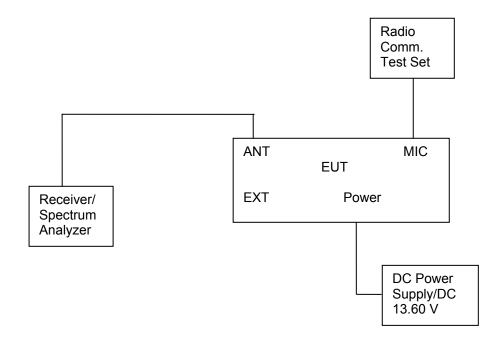
TEST APPLICABLE

The same as Section 4.3

TEST PROCEDURE

The spectrum analyzer was connected to the RF output power of the EUT, the EUT was setup in receiving mode; The RBW of the spectrum analyzer was set to 100 kHz and the VBW set to 300 KHz below the test frequency 1GHz. While the RBW of the spectrum analyzer was set to the 1MHz and VBW set to the 3MHz from 1GHz to the 10th harmonic.

TEST CONFIGURATION



LIMIT

The power at the antenna terminal shall not exceed 2.0 nanowatts (-57dBm).

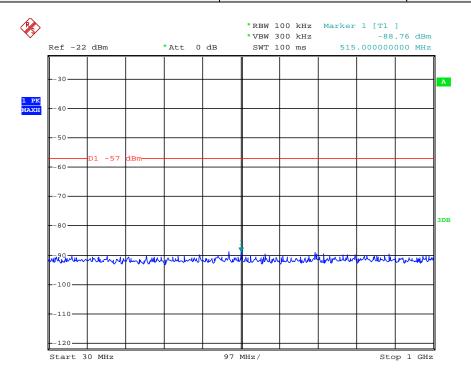
TEST RESULTS

The Receiver Conducted Spurious Emssions Measurement is performed to the thre channels (the top channel, the middle channel and the bottom channel), the datums recorded below were for the three channels; and the EUT shall be scanned from 30 MHz to the 10 GHz.

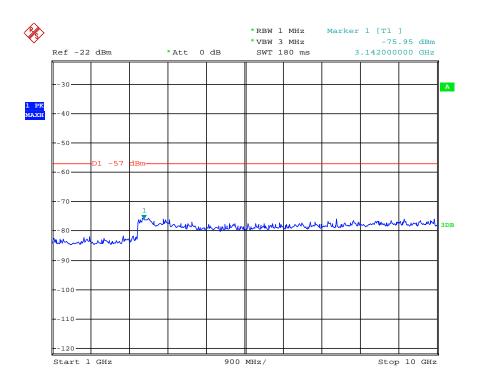
FCC ID: YAMPD78XGU5H IC: 8913A-PD782GU5H

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Modulation Type	Channel Sparation	Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	25KHz	Low	851.5000	515.00	-88.76	3142.00	-75.95	-57dBm
Test Results				C	Compliance			

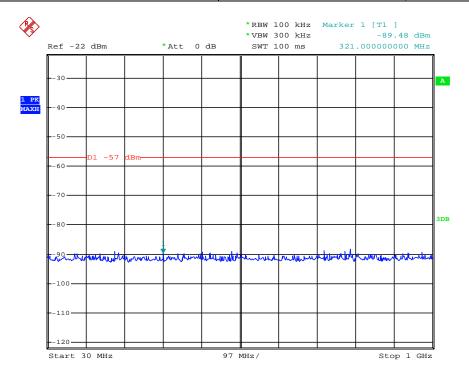


Date: 3.APR.2013 18:13:20

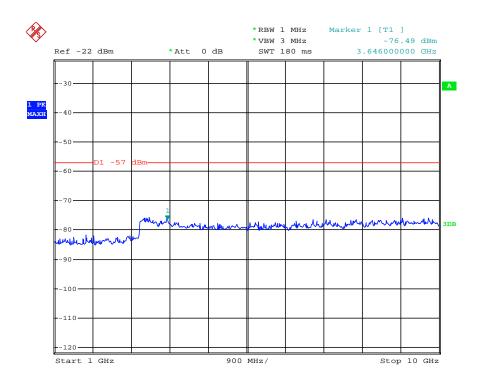


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Modulation Channel Type Sparation		Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Турс	Oparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	Liiiit
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	25KHz	Middle	860.0000	321.00	-89.48	3646.00	-76.49	-57dBm
	Test Results				C	Compliance		

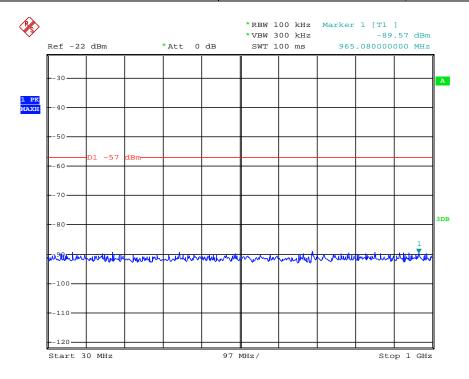


Date: 3.APR.2013 18:13:09

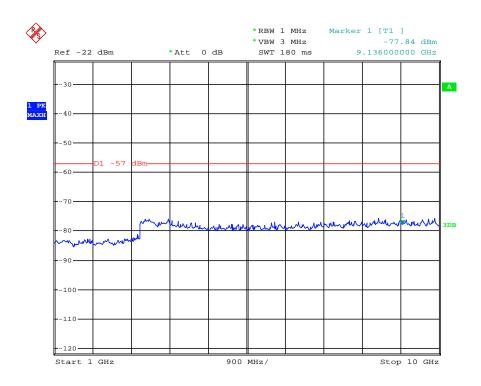


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Modulation Channel Type Sparation		Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	25KHz	High	868.5000	965.08	-89.57	9136.00	-77.84	-57dBm
	Test Results				C	Compliance		

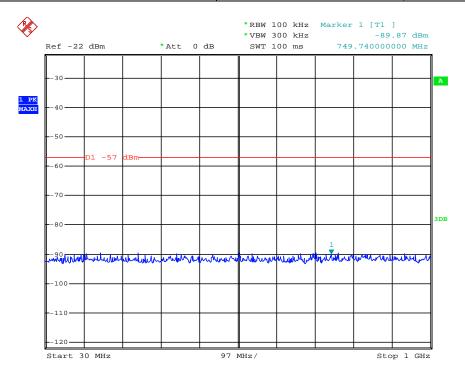


Date: 3.APR.2013 18:12:55

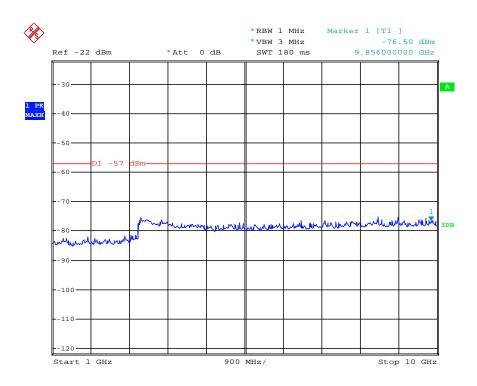


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Modulation Channel Type Sparation		Test Channel	Test Frequency			Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Турс	Oparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	Liiiit
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	12.5KHz	Low	851.5000	749.74	-89.87	9856.00	-76.50	-57dBm
	Test Results				C	Compliance		

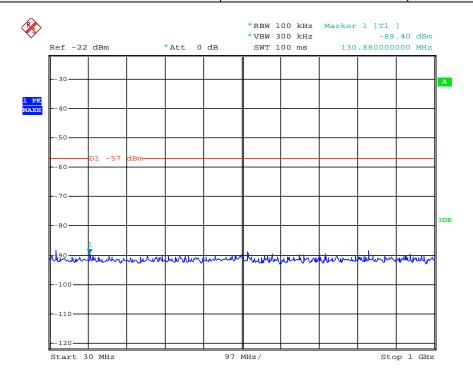


Date: 3.APR.2013 18:13:49

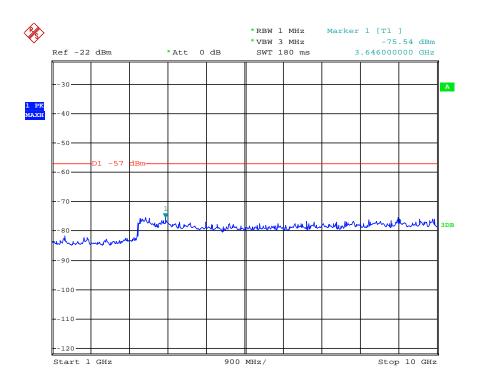


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Modulation Channe Type Sparatio		Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	12.5KHz	Middle	860.0000	130.88	-89.40	3646.00	-75.54	-57dBm
Test Results				Compliance				

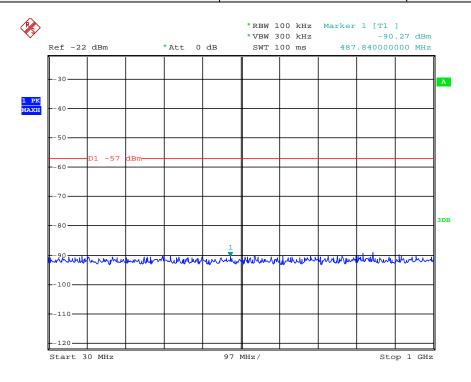


Date: 3.APR.2013 18:14:00

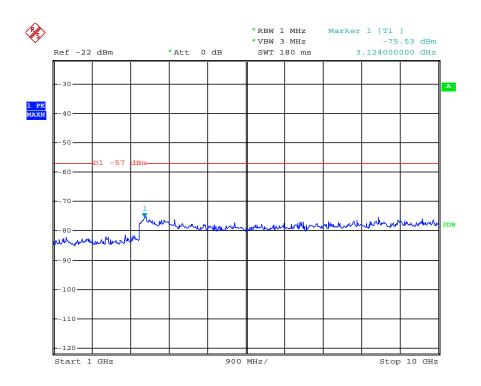


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Modulation Type	Channel Sparation	Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	12.5KHz	High	868.5000	487.84	-90.27	3124.00	-75.53	-57dBm
Test Results				C	Compliance			

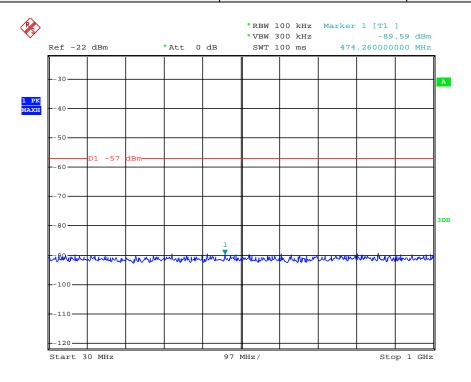


Date: 3.APR.2013 18:14:07

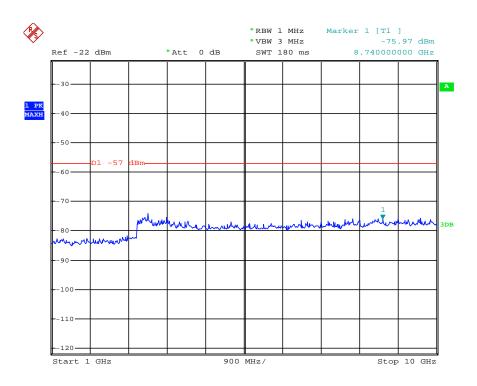


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Modulation Type	Channel Sparation	Test Channel	Test Frequency	Maximum (Spurious I Below		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	12.5KHz	Low	935.5000	474.26	-89.59	8740.00	-75.97	-57dBm
	Test Results				C	Compliance		

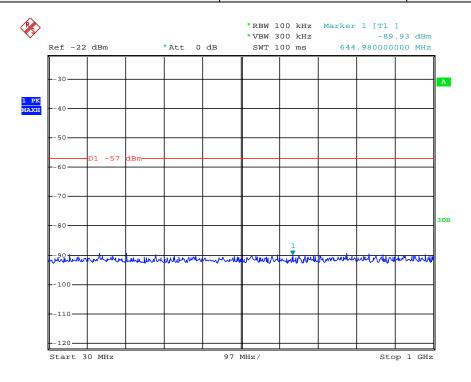


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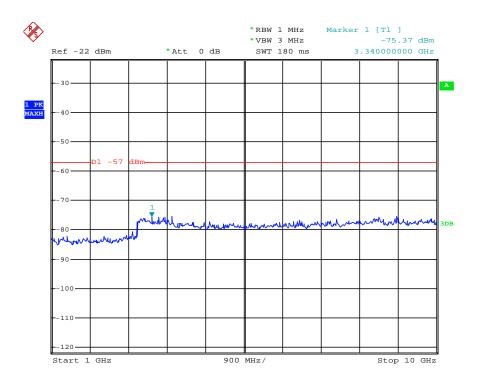


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Modulation Type	Channel Sparation	Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FM	12.5KHz	High	939.5000	644.98	-89.93	3340.00	-75.37	-57dBm
Test Results				C	Compliance			

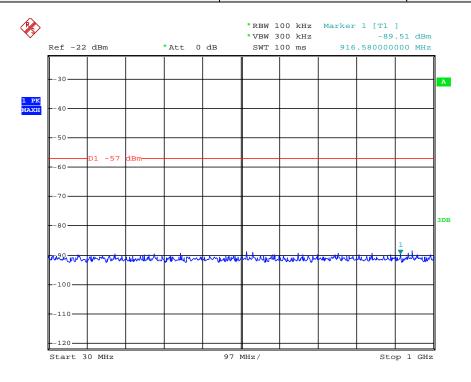


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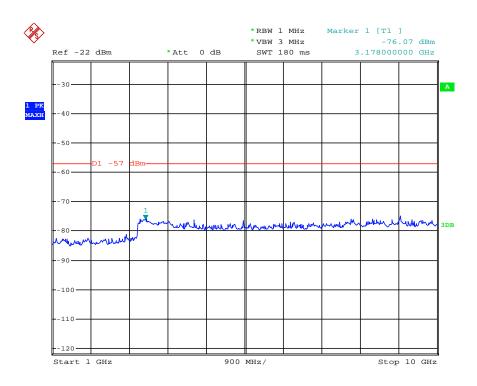


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Modulation Channel Type Sparation		Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FSK	12.5KHz	Low	851.5000	916.58	-89.51	916.58	-89.51	-57dBm
Test Results				Compliance				

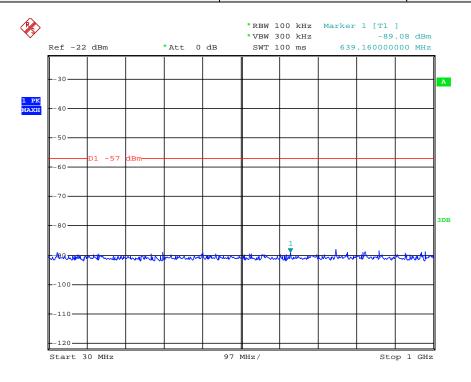


Date: 3.APR.2013 18:09:20

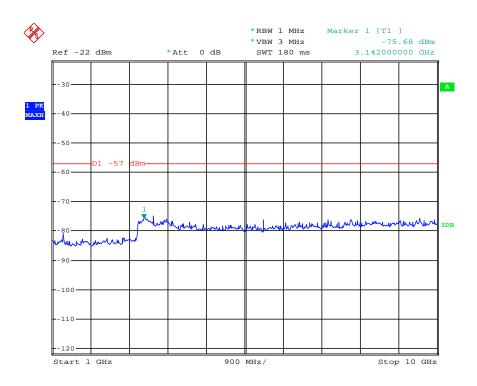


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Modulation Channel Type Sparation		Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FSK	12.5KHz	Middle	860.0000	639.16	-89.08	3142.00	-75.68	-57dBm
Test Results				C	Compliance			

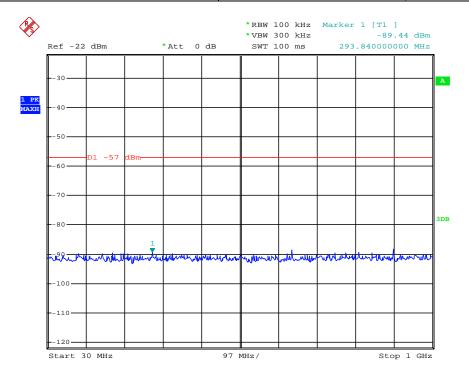


Date: 3.APR.2013 18:09:56

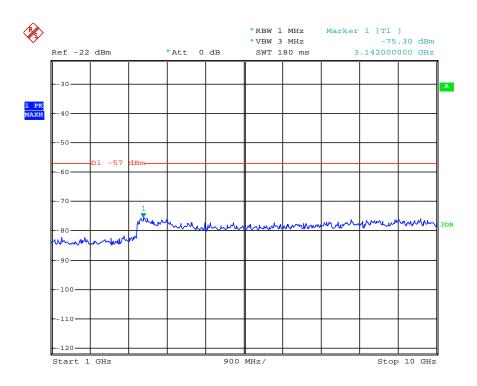


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Modulation Type			Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Турс	Oparation	Onamici	(MHz)	Frequency	Datum	Frequency	Datum	Liiiii
				(MHz)	(dBm)	(MHz)	(dBm)	
FSK	12.5KHz	High	868.5000	293.84	-89.44	3142.00	-75.30	-57dBm
	Test Results				C	Compliance		

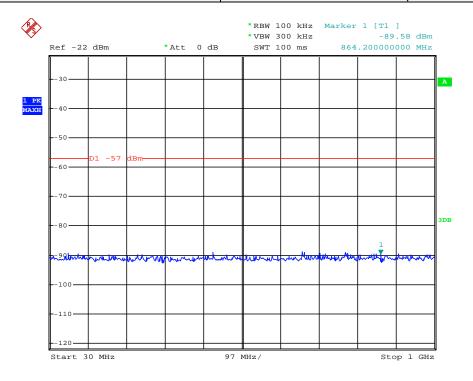


Date: 3.APR.2013 18:10:17

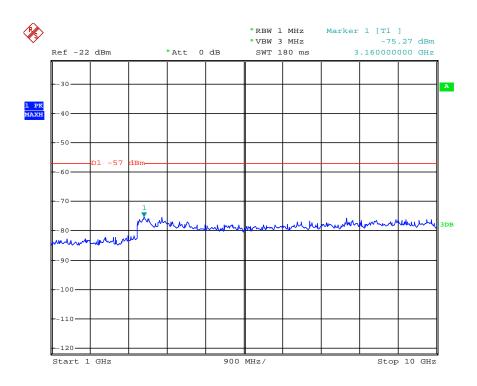


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Modulation Channel Type Sparation		Test Channel	Test Frequency	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
Type	Sparation	Charmer	(MHz)	Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FSK	12.5KHz	Low	935.5000	864.20	-89.58	3160.00	-75.27	-57dBm
Test Results				C	Compliance			

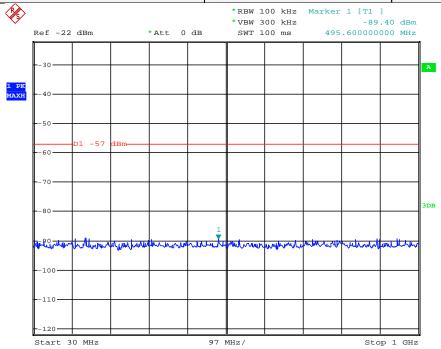


Date: 3.APR.2013 18:10:44

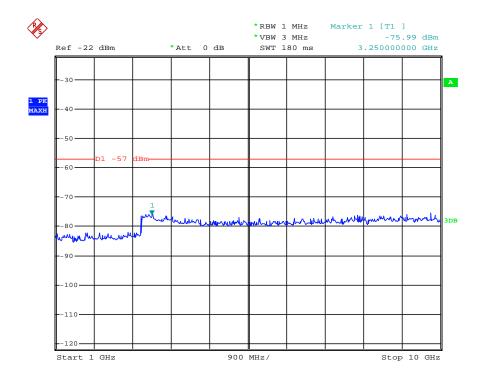


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Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency	Datum	Frequency	Datum	LIIIII
				(MHz)	(dBm)	(MHz)	(dBm)	
FSK	12.5KHz	High	939.5000	495.60	-89.40	3250.00	-75.99	-57dBm
Test Results				Compliance				



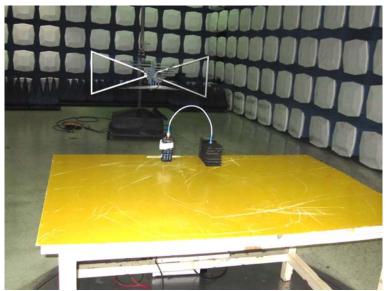
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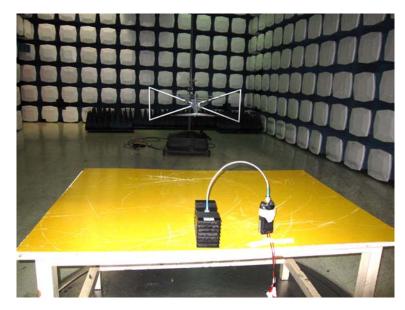


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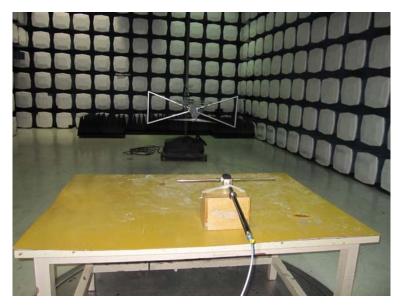
5. Test Setup Photos of the EUT

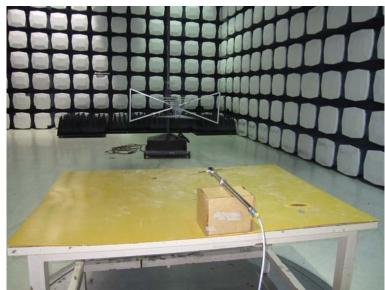






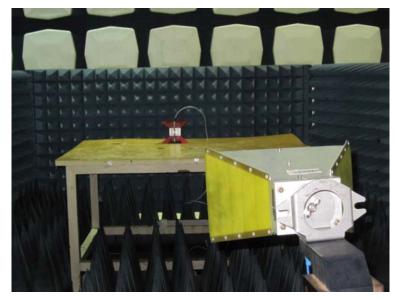
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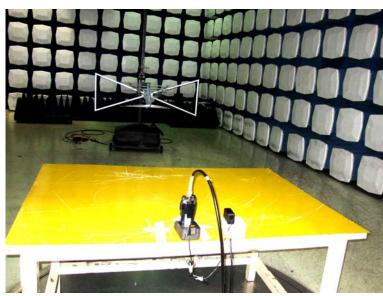


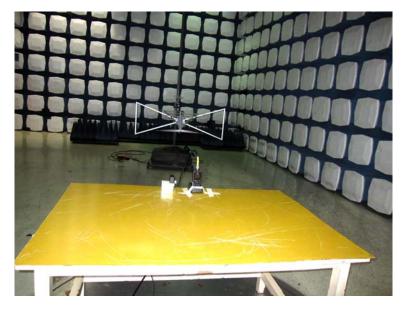




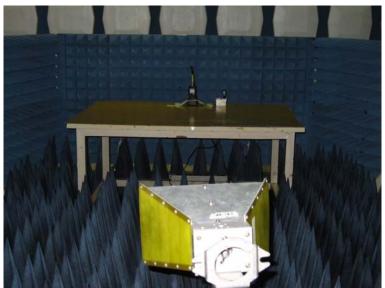
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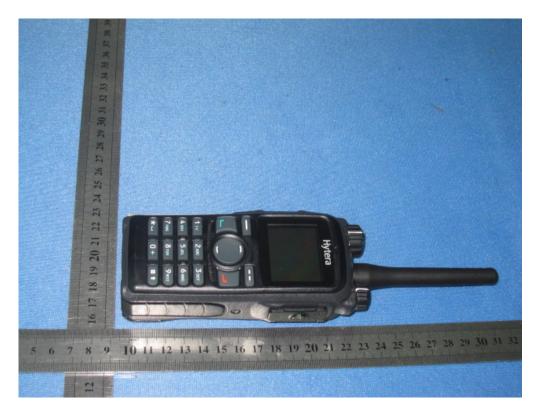




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6. External and Internal Photos of the EUT

External photos of the EUT





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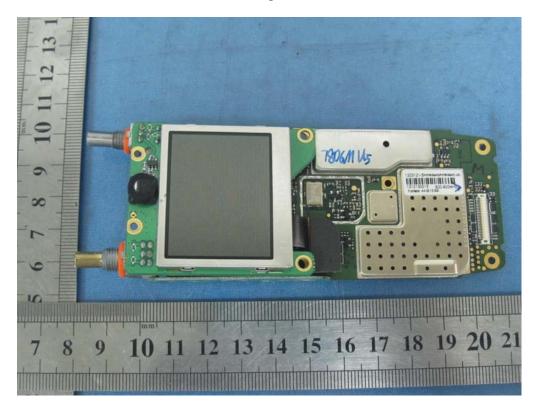


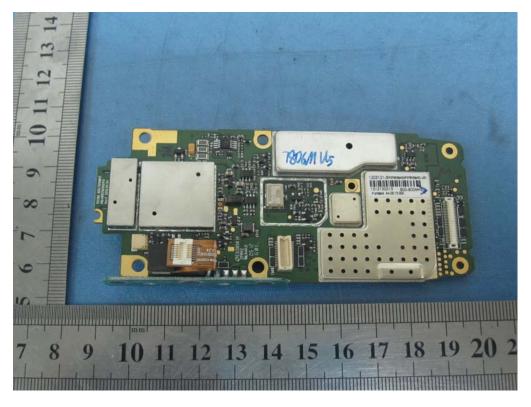


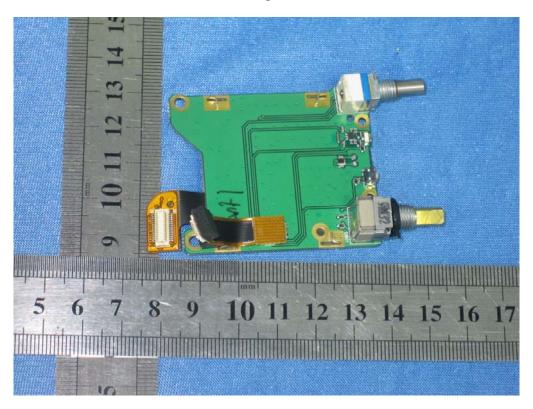


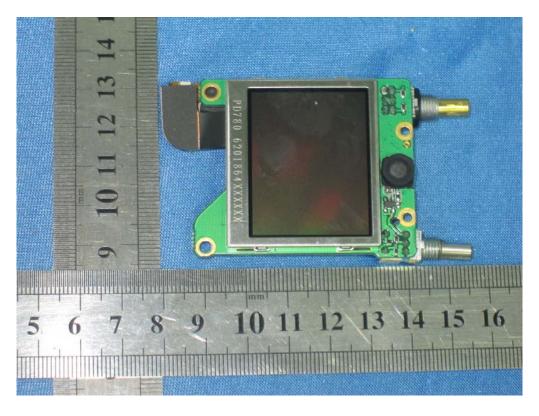


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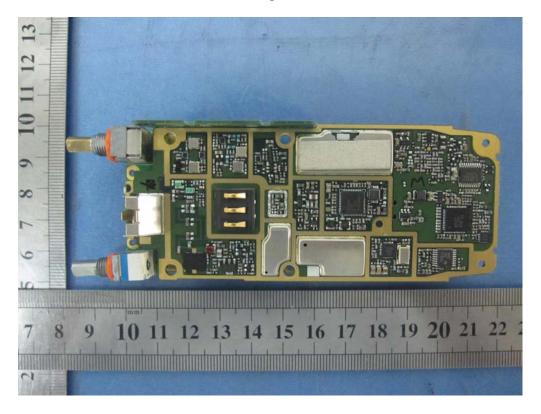


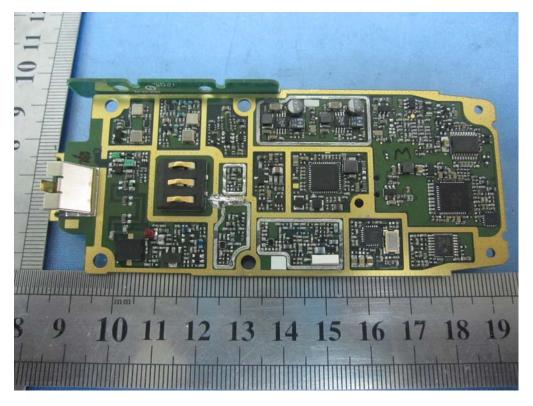




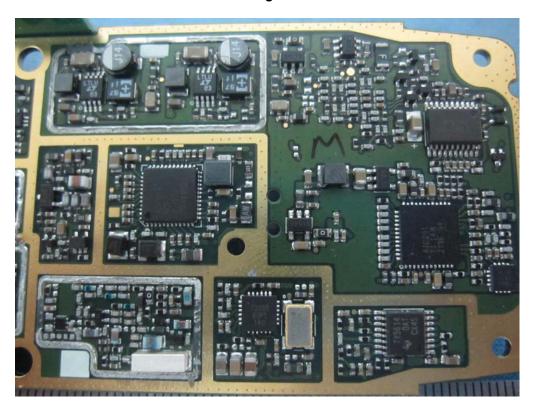


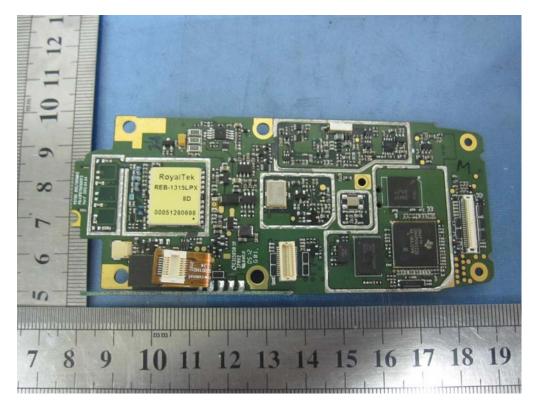
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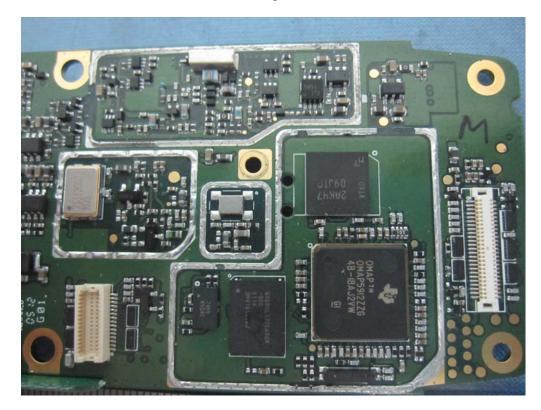


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