



A1. GSM

Peak-to-Average Ratio

Mode	GSM850		Limit: 13dB
Mod.	GPRS class 8	EDGE class 8	Result
Lowest CH	0.32	3.32	PASS
Middle CH	0.28	3.32	
Highest CH	0.28	3.24	

Mode	GSM1900		Limit: 13dB
Mod.	GPRS class 8	EDGE class 8	Result
Lowest CH	0.28	3.32	PASS
Middle CH	0.28	3.16	
Highest CH	0.28	3.00	



GSM850 (GPRS class 8)		GSM850 (EDGE class 8)	
Lowest Channel		Lowest Channel	

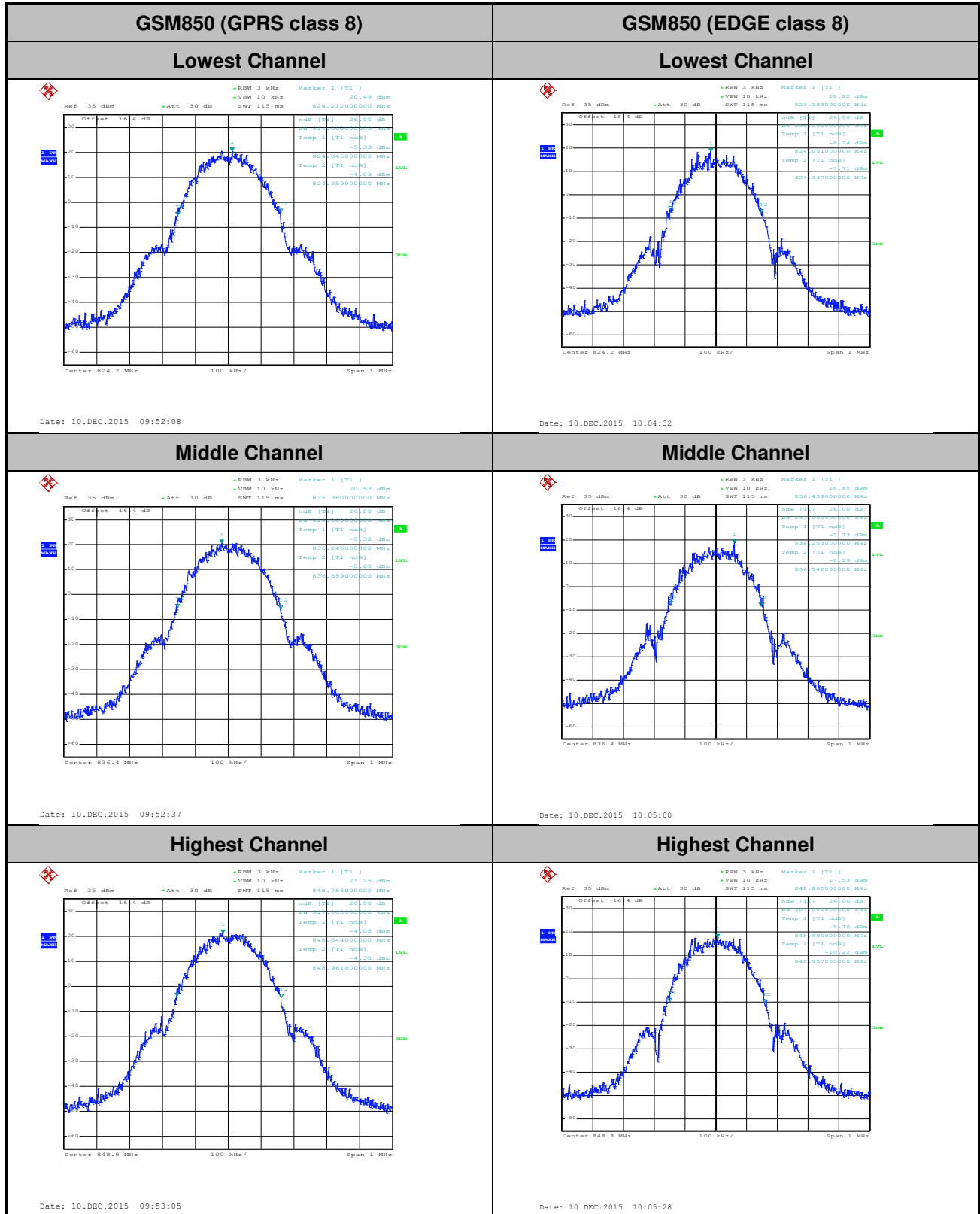


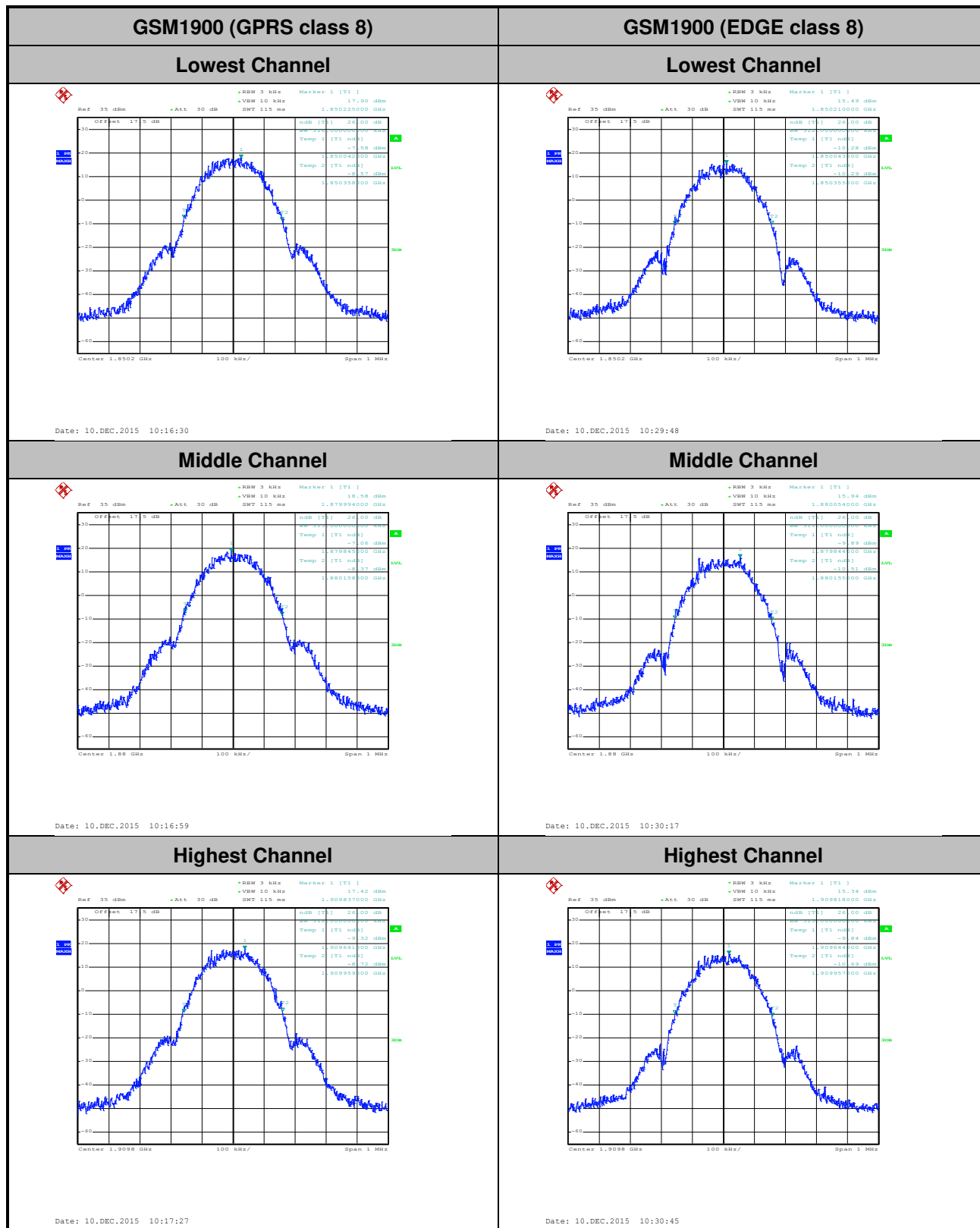
GSM1900 (GPRS class 8)		GSM1900 (EDGE class 8)	
Lowest Channel		Lowest Channel	

**26dB Bandwidth**

Mode	GSM850	
Mod.	GPRS class 8	EDGE class 8
Lowest CH	0.314	0.296
Middle CH	0.313	0.293
Highest CH	0.317	0.307

Mode	GSM1900	
Mod.	GPRS class 8	EDGE class 8
Lowest CH	0.316	0.312
Middle CH	0.313	0.311
Highest CH	0.318	0.313

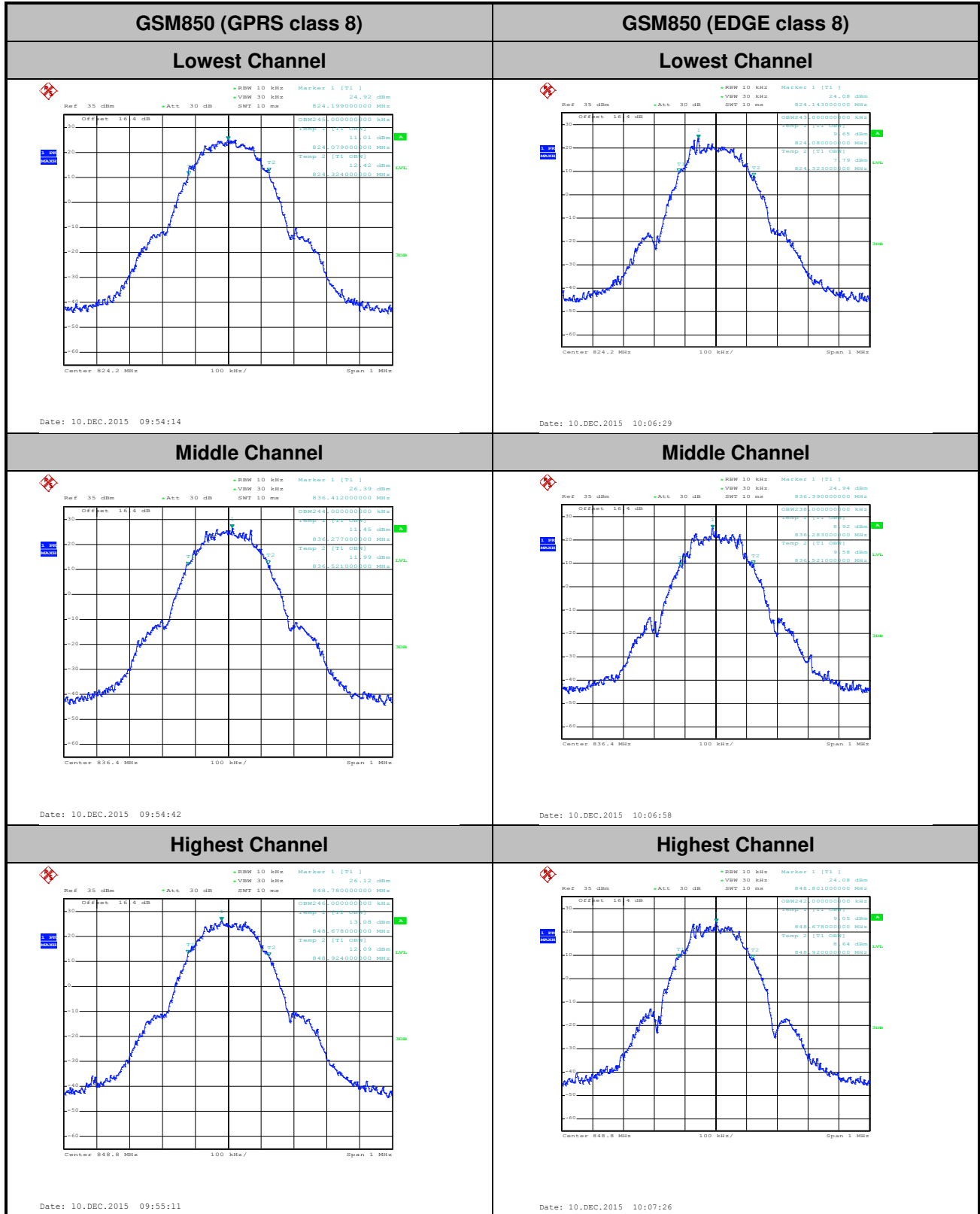


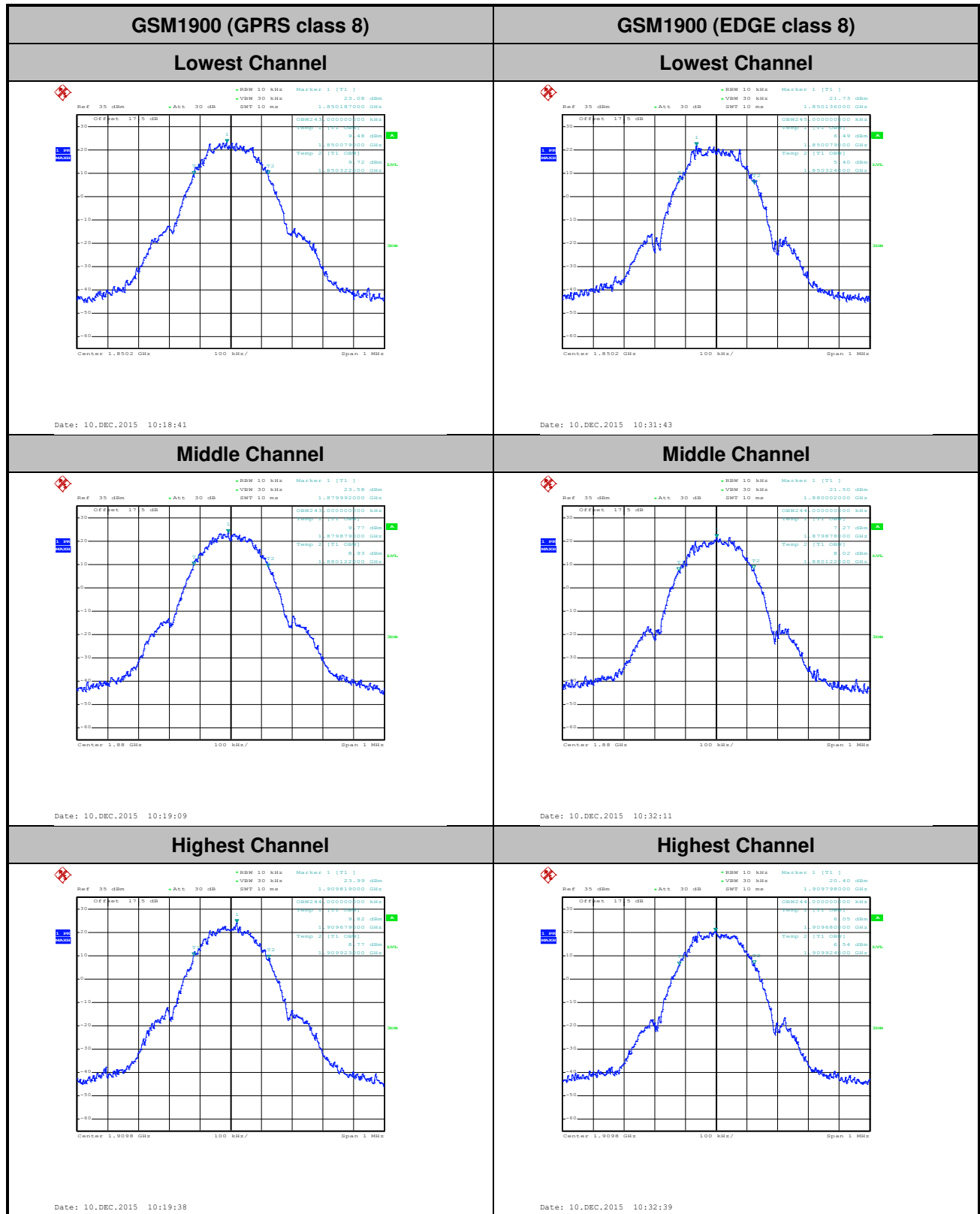


**Occupied Bandwidth**

Mode	GSM850	
Mod.	GPRS class 8	EDGE class 8
Lowest CH	0.245	0.243
Middle CH	0.244	0.238
Highest CH	0.246	0.242

Mode	GSM1900	
Mod.	GPRS class 8	EDGE class 8
Lowest CH	0.243	0.245
Middle CH	0.243	0.244
Highest CH	0.244	0.244



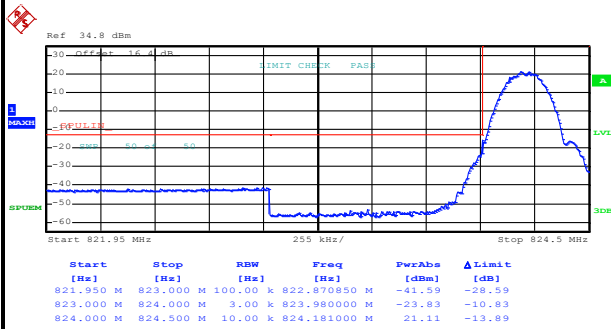




Conducted Band Edge

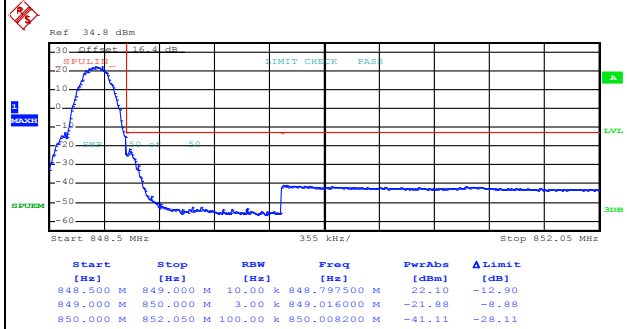
GSM850 (GPRS class 8)

Lowest Band Edge



Date: 10.DEC.2015 09:56:46

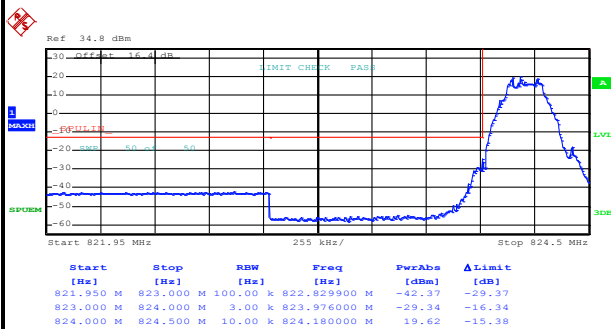
Highest Band Edge



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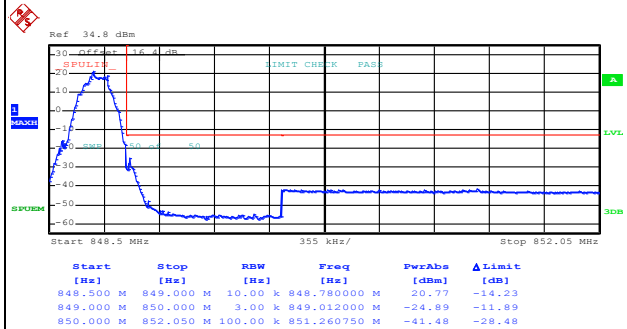
GSM850 (EDGE class 8)

Lowest Band Edge



Date: 10.DEC.2015 10:09:18

Highest Band Edge

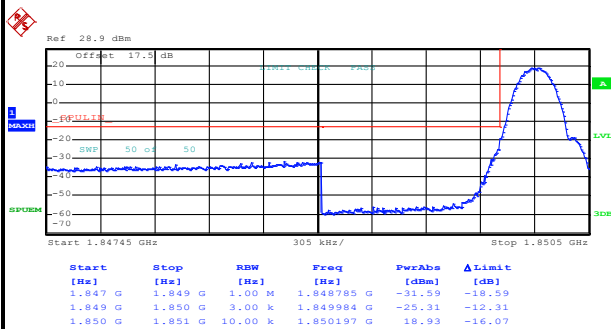


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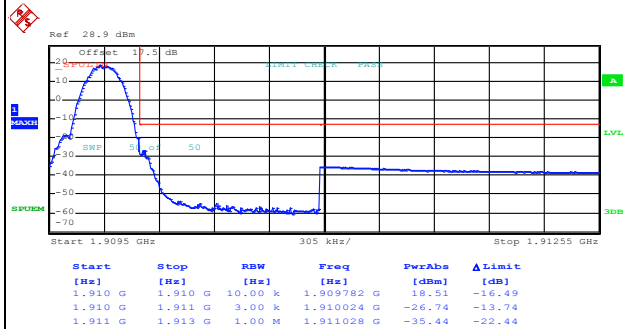
GSM1900 (GPRS class 8)

Lowest Band Edge



Date: 10.DEC.2015 10:22:34

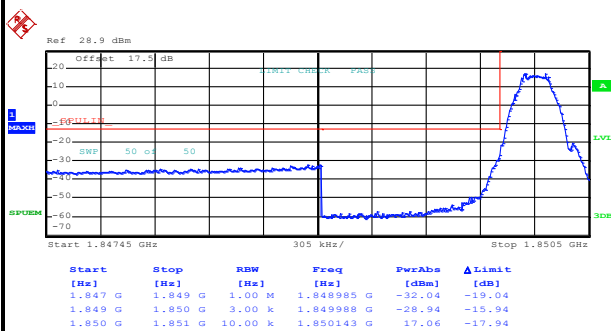
Highest Band Edge



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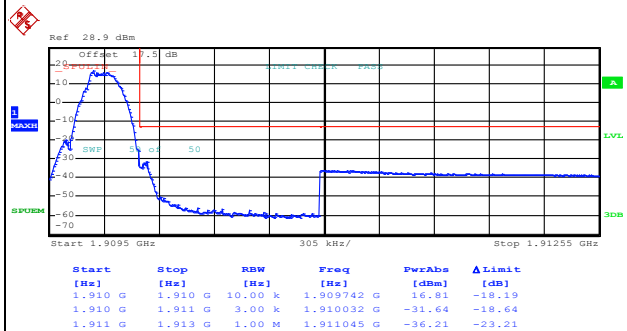
GSM1900 (EDGE class 8)

Lowest Band Edge



Date: 10.DEC.2015 10:34:16

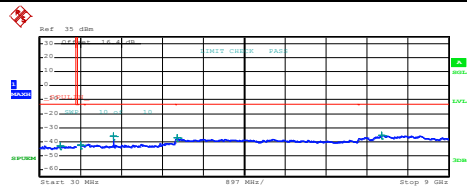
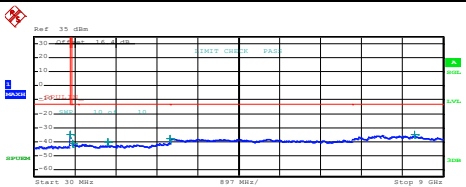
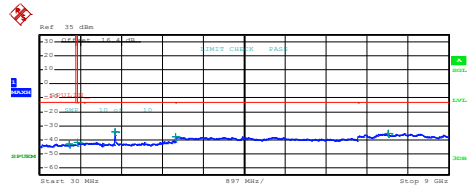
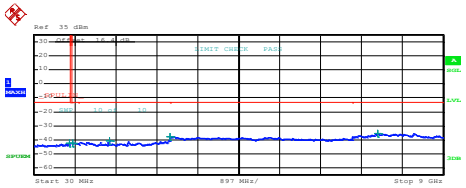
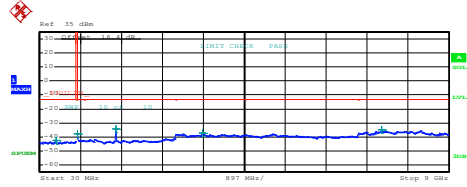
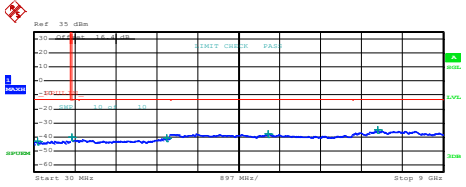
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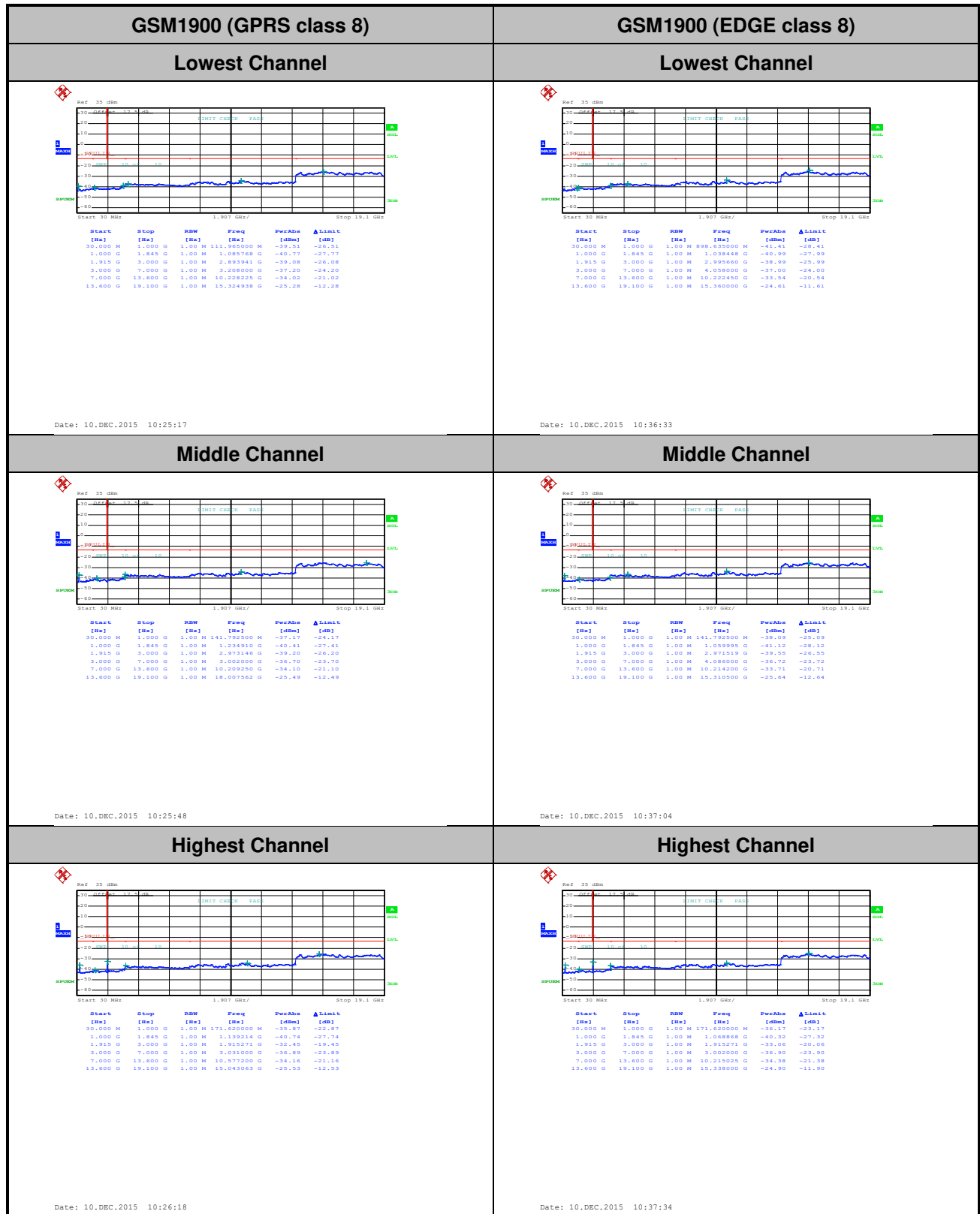


Date: 10.DEC.2015 10:35:44



Conducted Spurious Emission

GSM850 (GPRS class 8)		GSM850 (EDGE class 8)																																																																																					
Lowest Channel		Lowest Channel																																																																																					
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**Frequency Stability**

Test Conditions	Middle Channel	GSM850 (GPRS class 8)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0060	0.0024	PASS
40	Normal Voltage	0.0024	0.0084	
30	Normal Voltage	0.0024	0.0024	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0096	0.0048	
0	Normal Voltage	0.0048	0.0012	
-10	Normal Voltage	0.0084	0.0036	
-20	Normal Voltage	0.0012	0.0143	
-30	Normal Voltage	0.0215	0.0096	
20	Maximum Voltage	0.0072	0.0036	
20	Normal Voltage	0.0036	0.0036	
20	Battery End Point	0.0012	0.0000	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions	Middle Channel	GSM1900 (GPRS class 8)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0037	0.0037	PASS
40	Normal Voltage	0.0080	0.0027	
30	Normal Voltage	0.0090	0.0011	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0037	0.0016	
0	Normal Voltage	0.0032	0.0170	
-10	Normal Voltage	0.0048	0.0021	
-20	Normal Voltage	0.0059	0.0074	
-30	Normal Voltage	0.0106	0.0048	
20	Maximum Voltage	0.0053	0.0011	
20	Normal Voltage	0.0069	0.0005	
20	Battery End Point	0.0005	0.0032	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.