

RF Test Report:
Airspan Networks Finland Oy
ASN900

Measurement plots

FCC ID: URK-ASN900

IC: 4548D-ASN900

SC_TR051_Plots_B

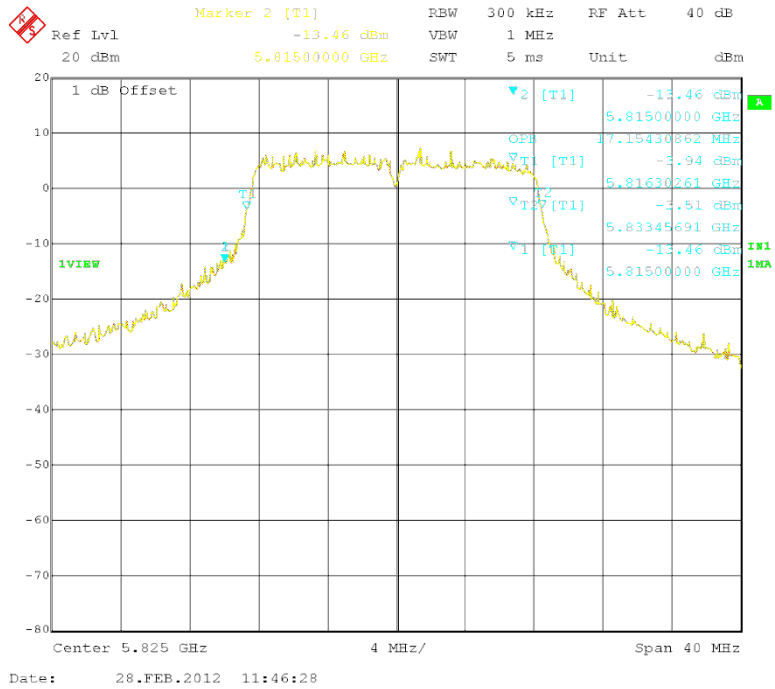
Plots on the following pages are referenced in report SC_TR051_B

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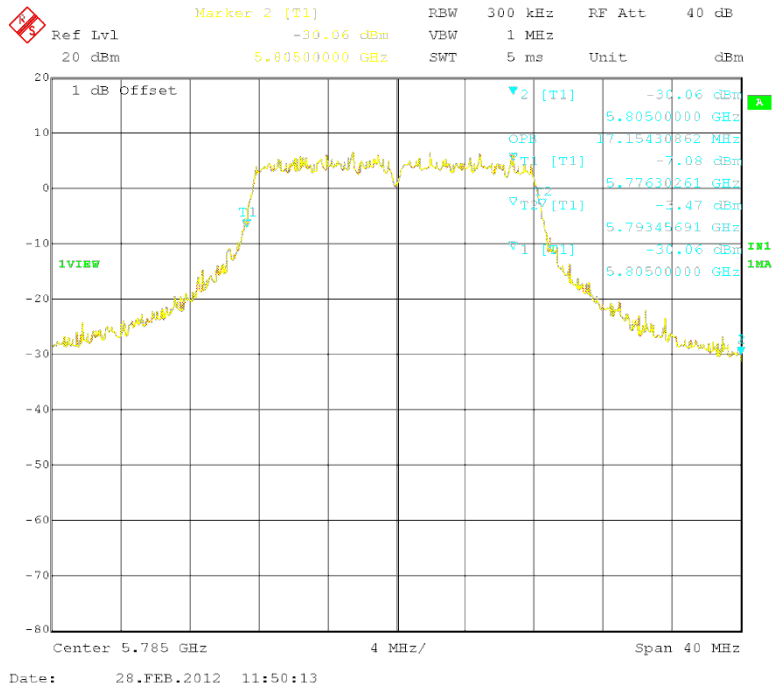
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8 Occupied Bandwidth test

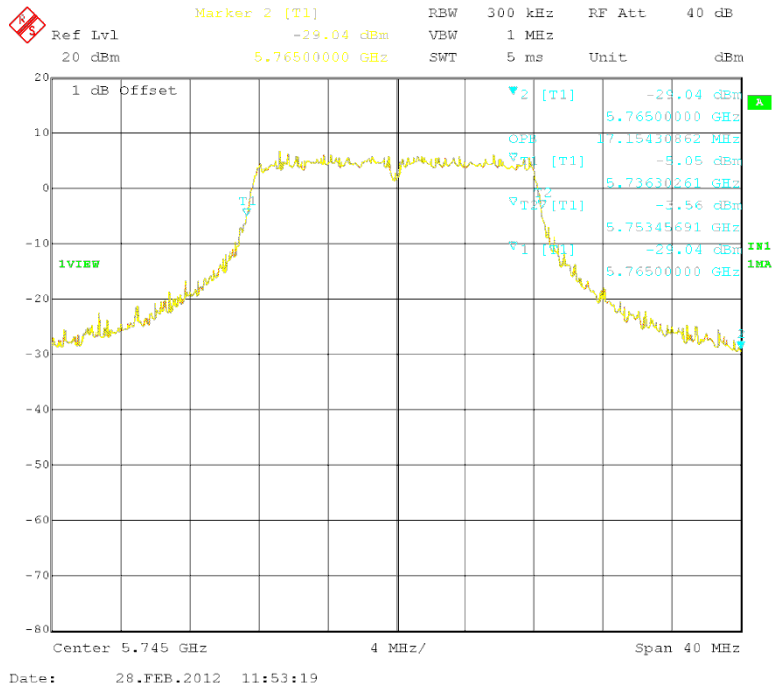
8.1 Port RF1-1: 5725-5875 MHz band



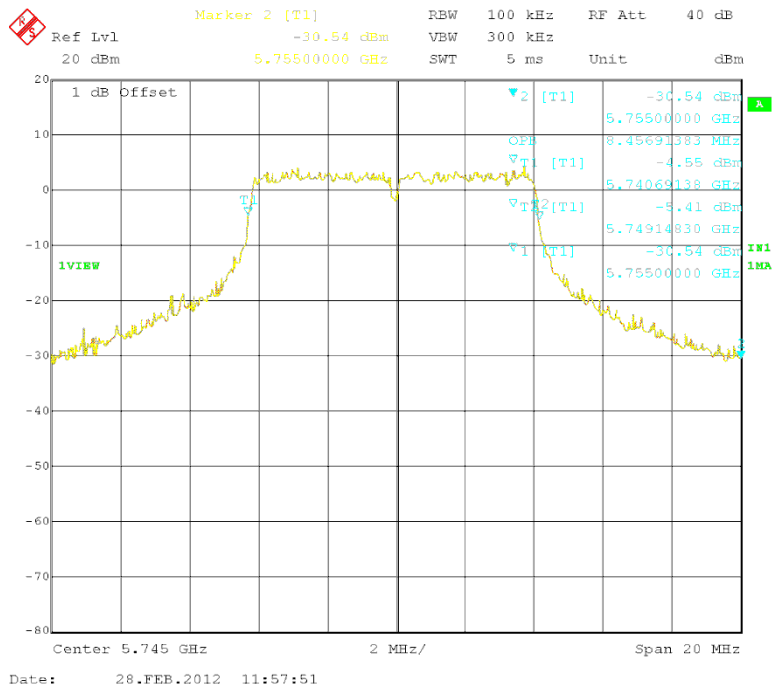
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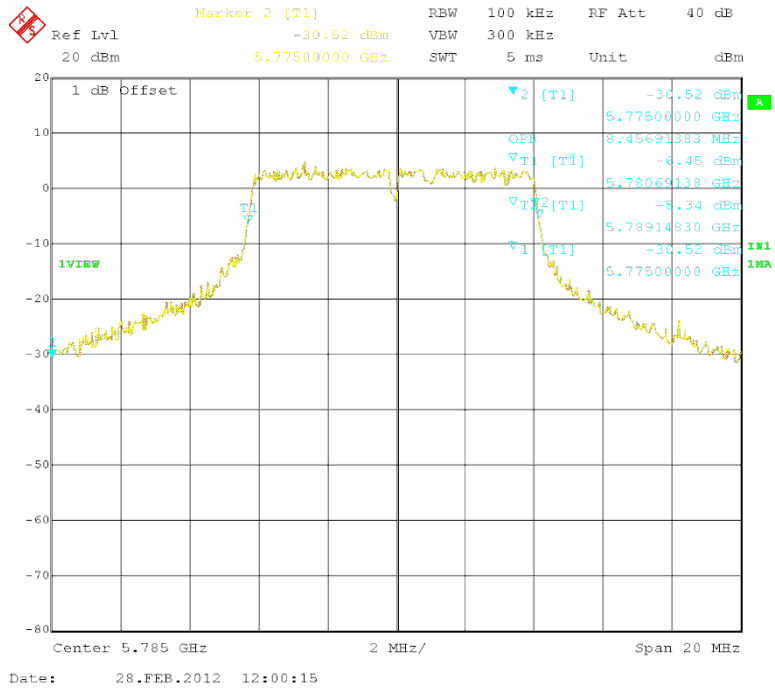
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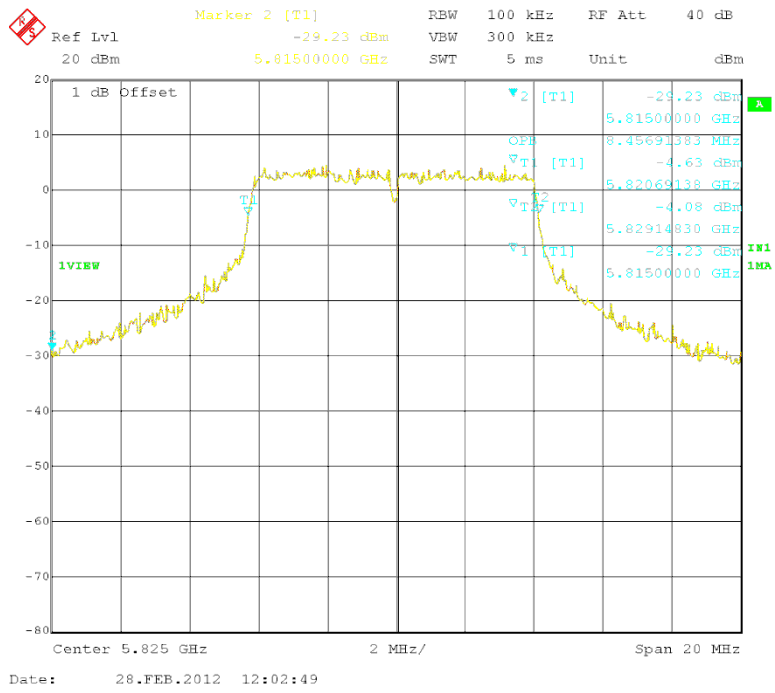
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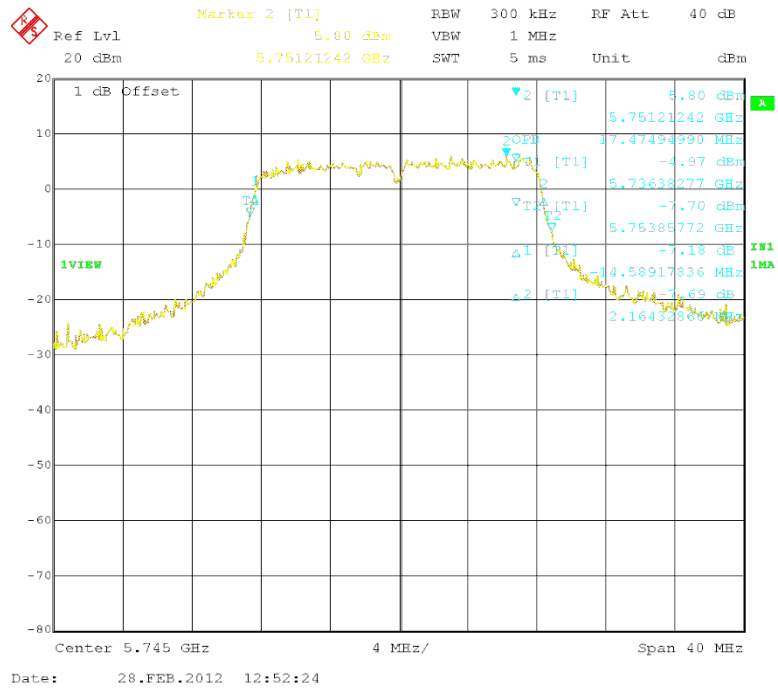


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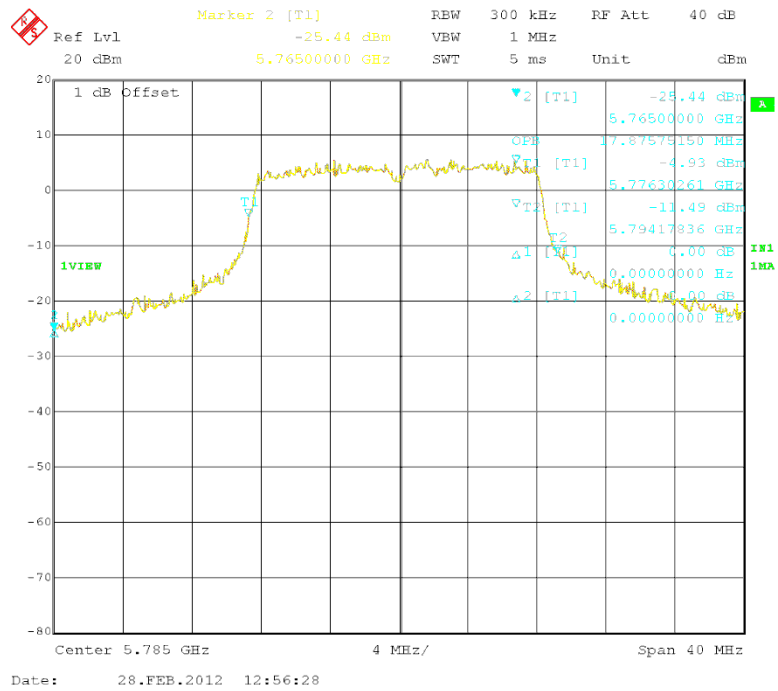


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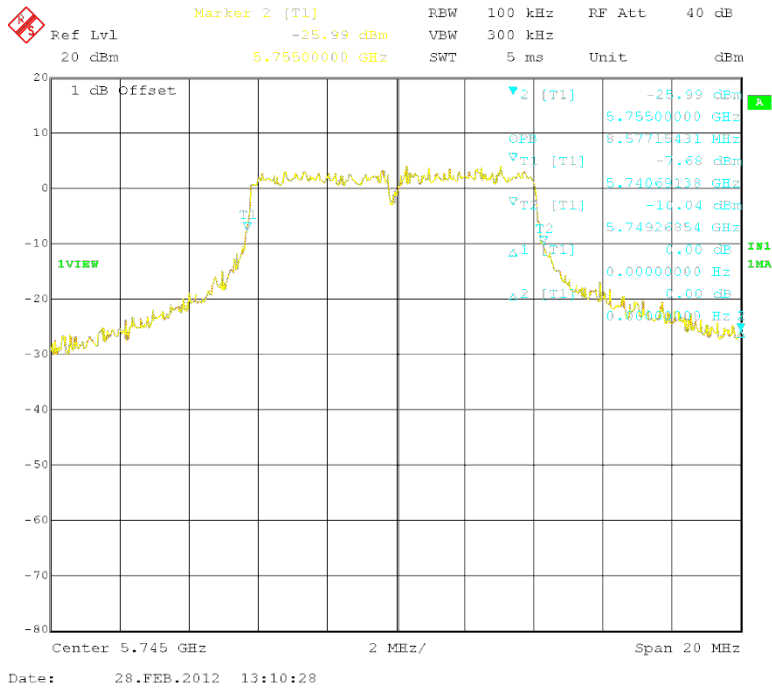
8.2 Port RF2-1: 5725-5875 MHz band



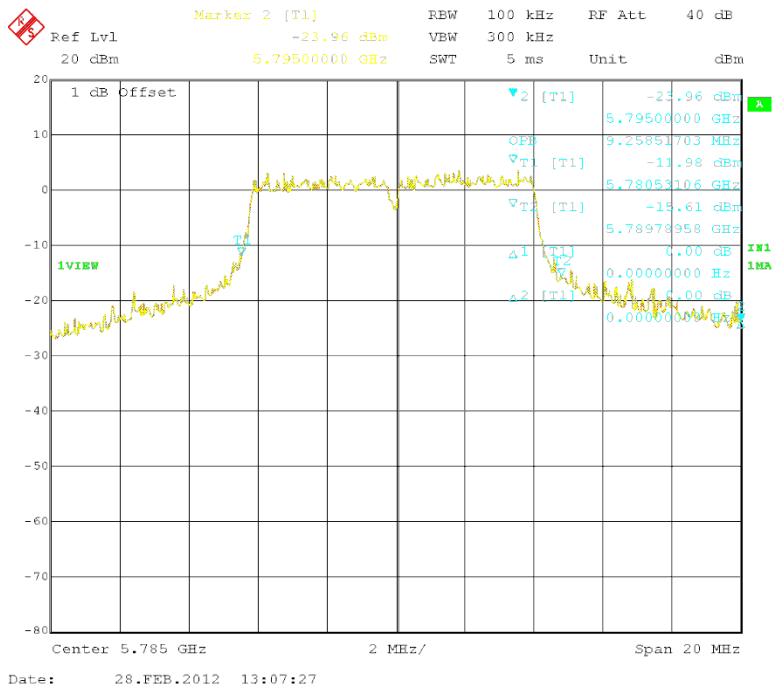
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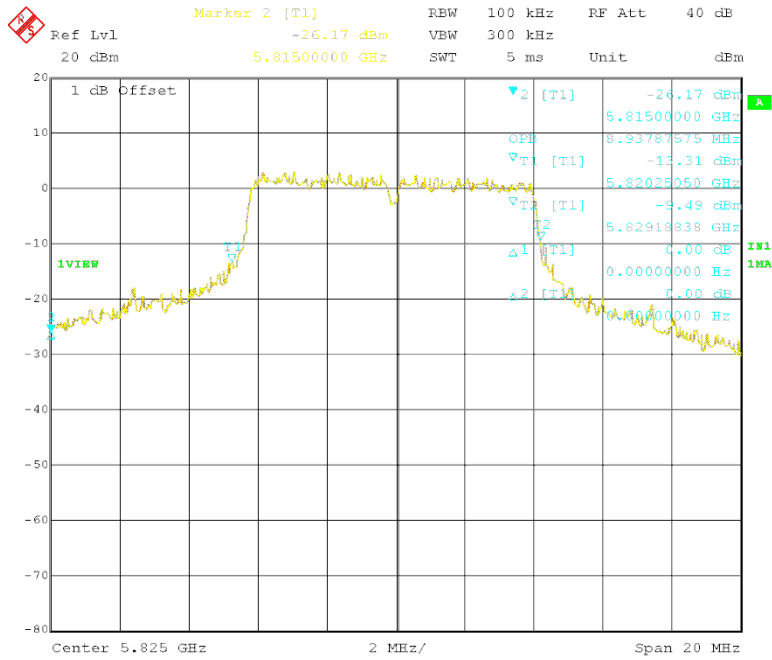
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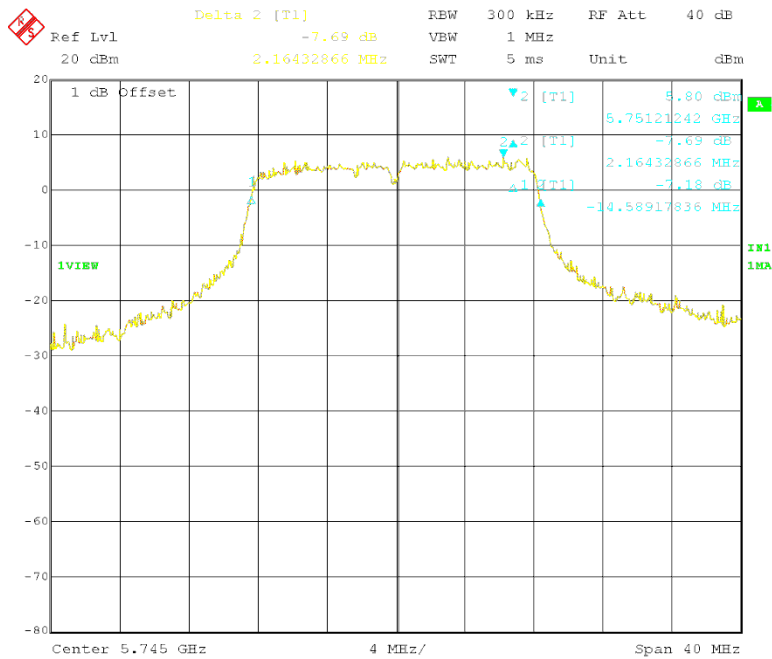


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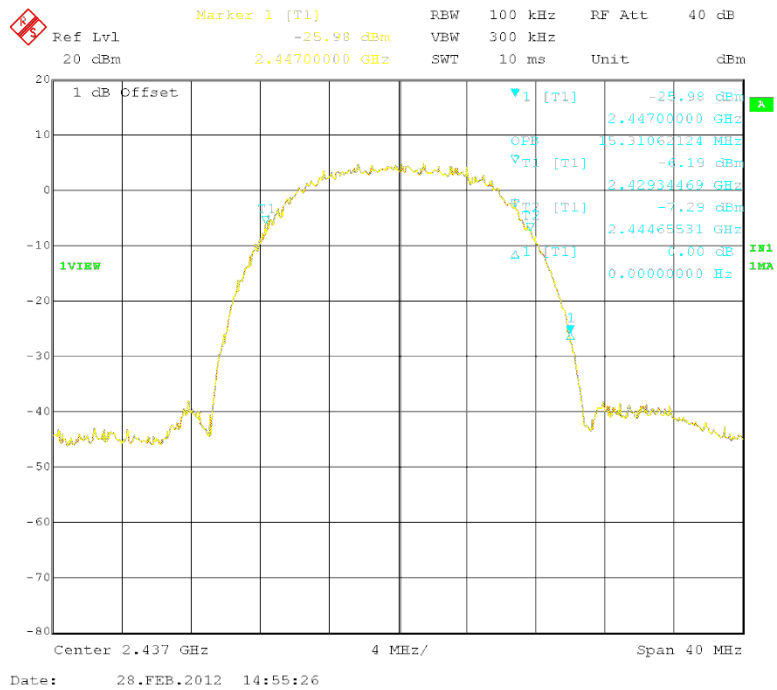
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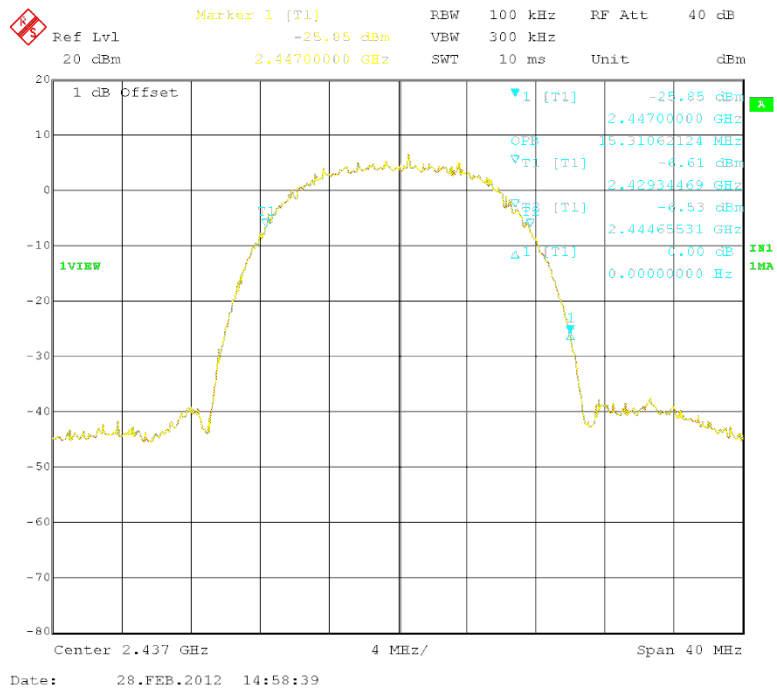
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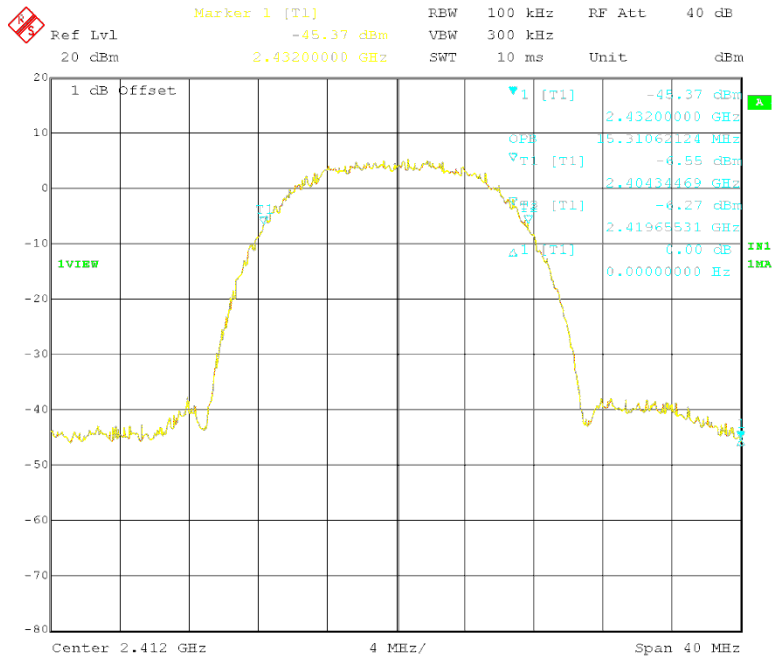
8.3 Port RF1-1: 2400-2483.5 MHz band; 20 MHz channel



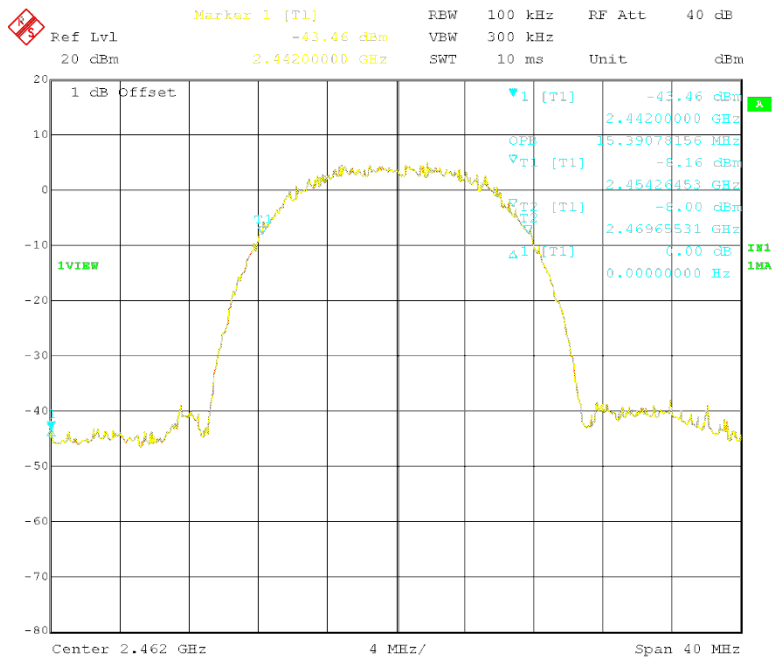
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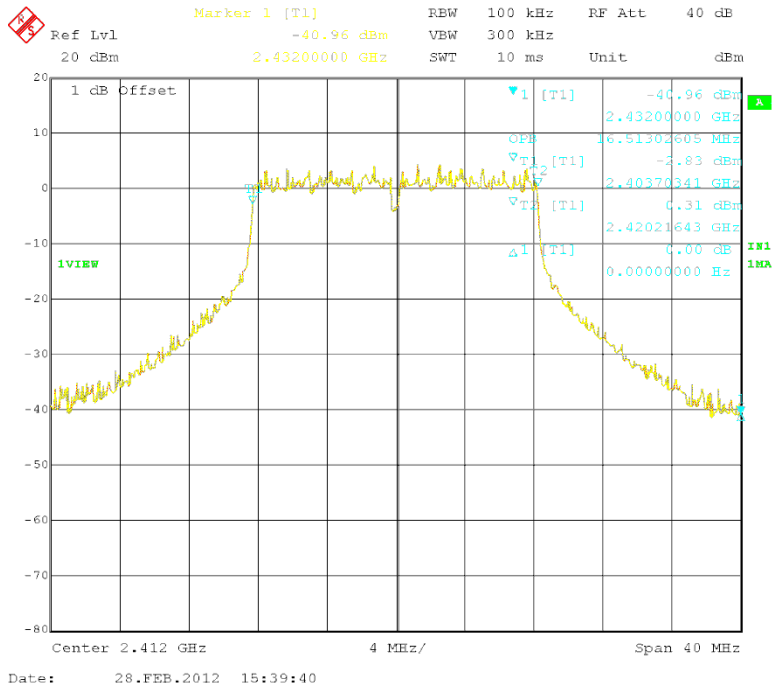
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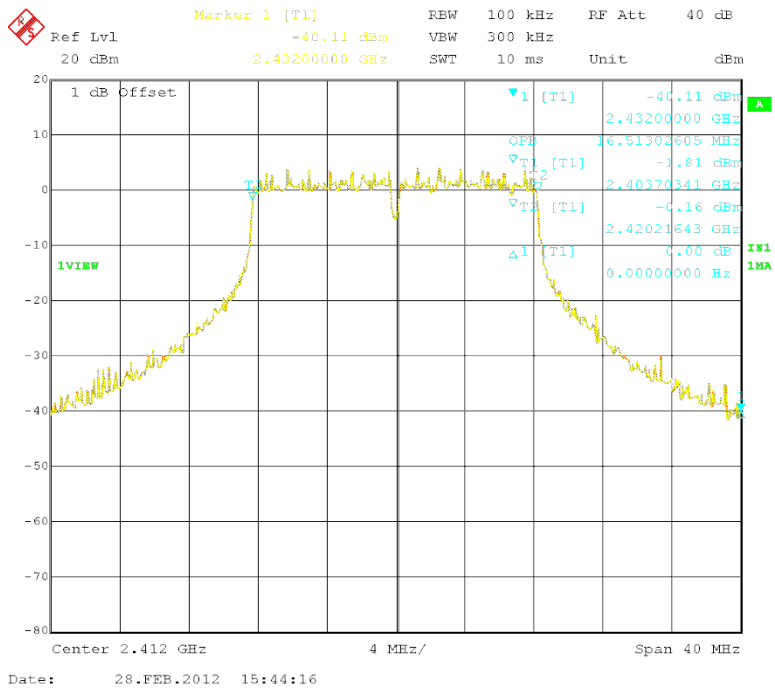
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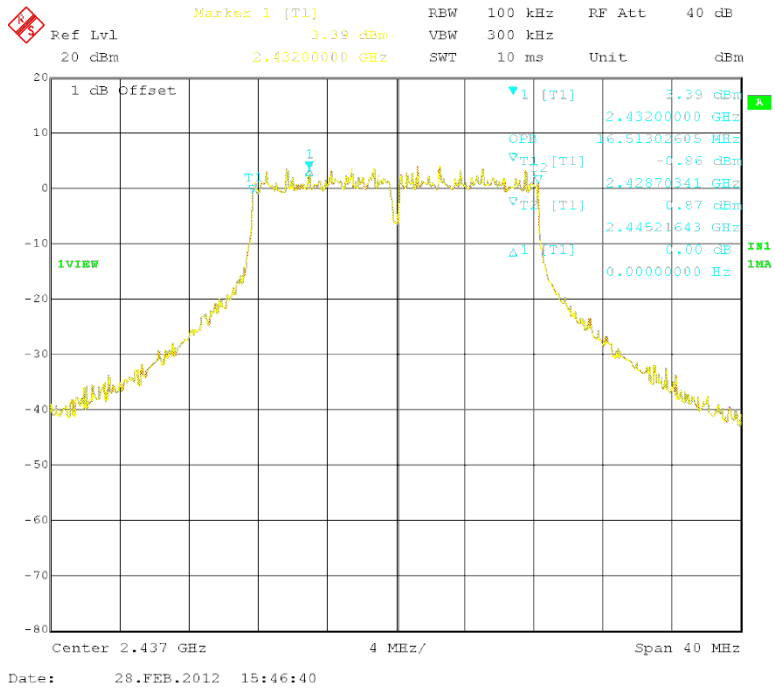
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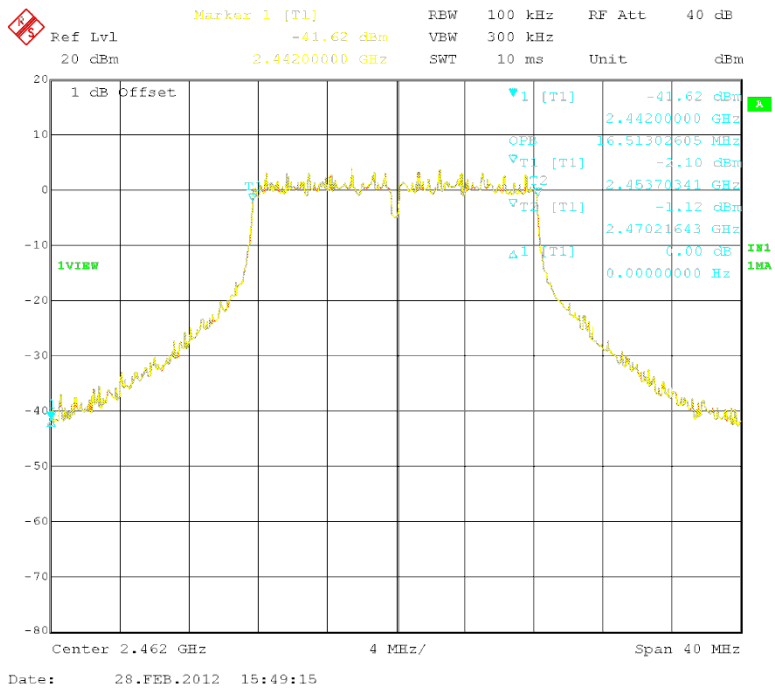
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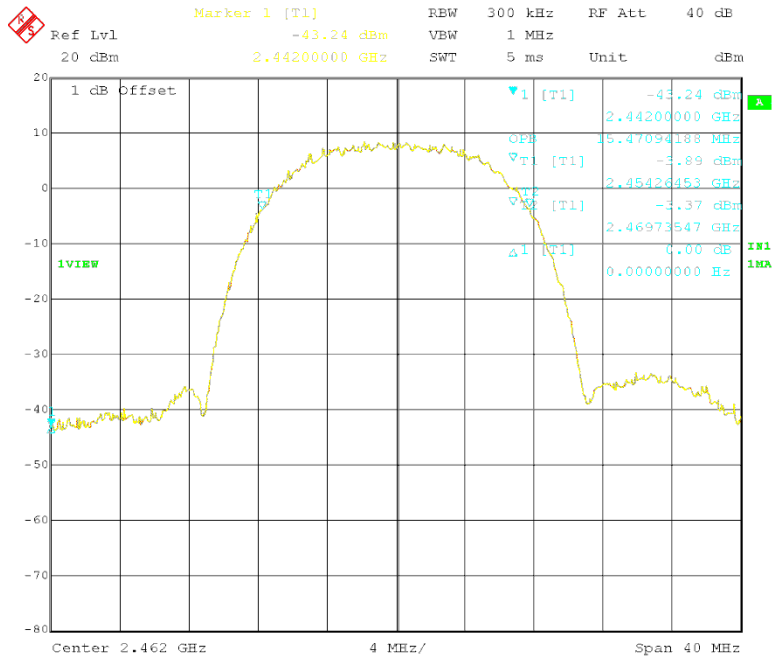
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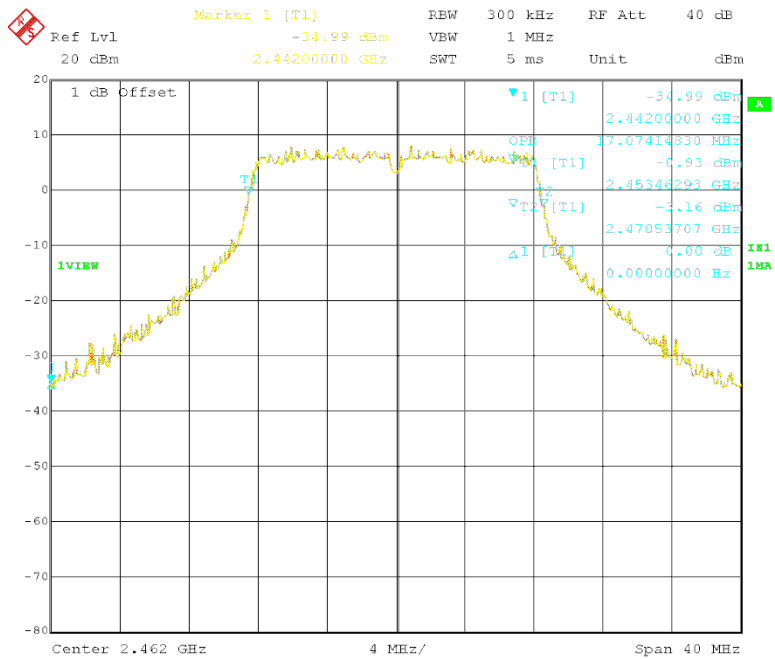


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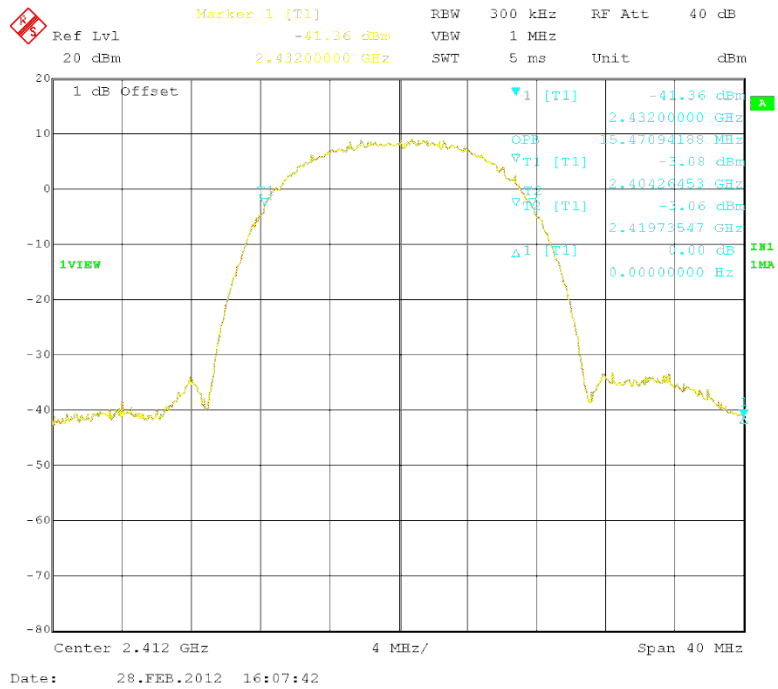
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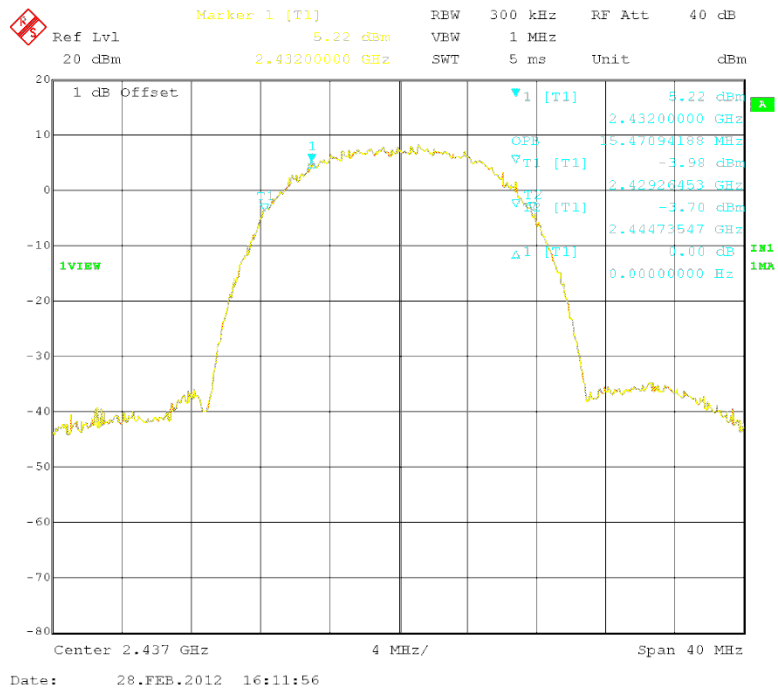
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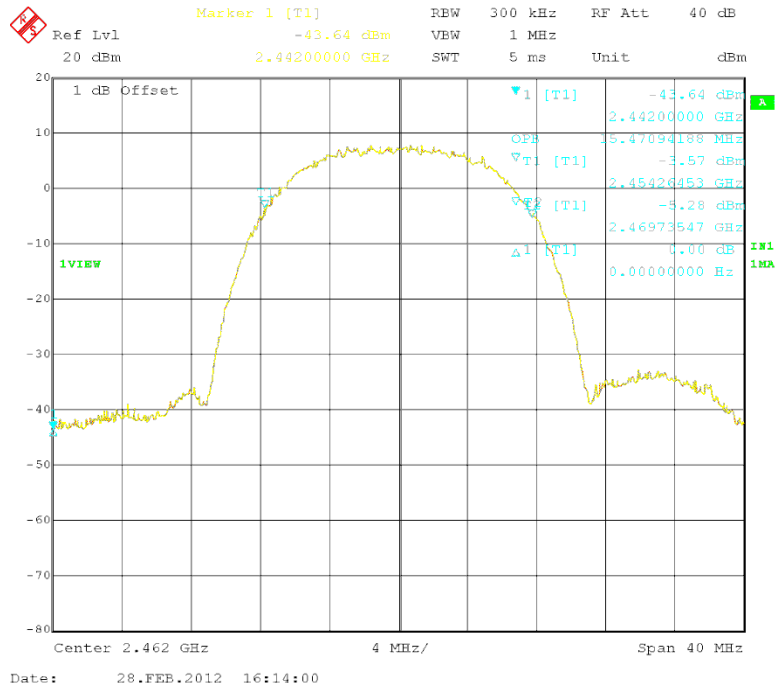
8.4 Port RF2-1: 2400-2483.5 MHz band; 20 MHz channel



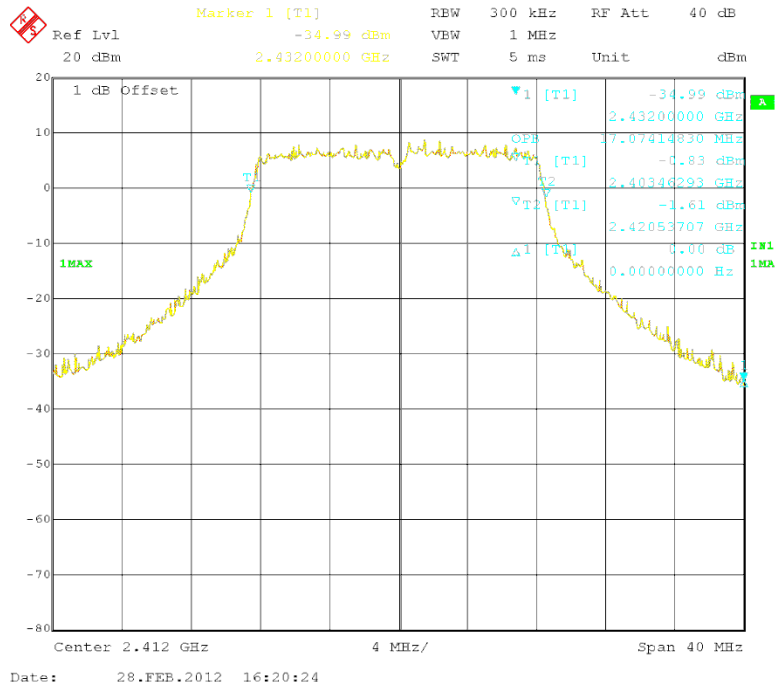
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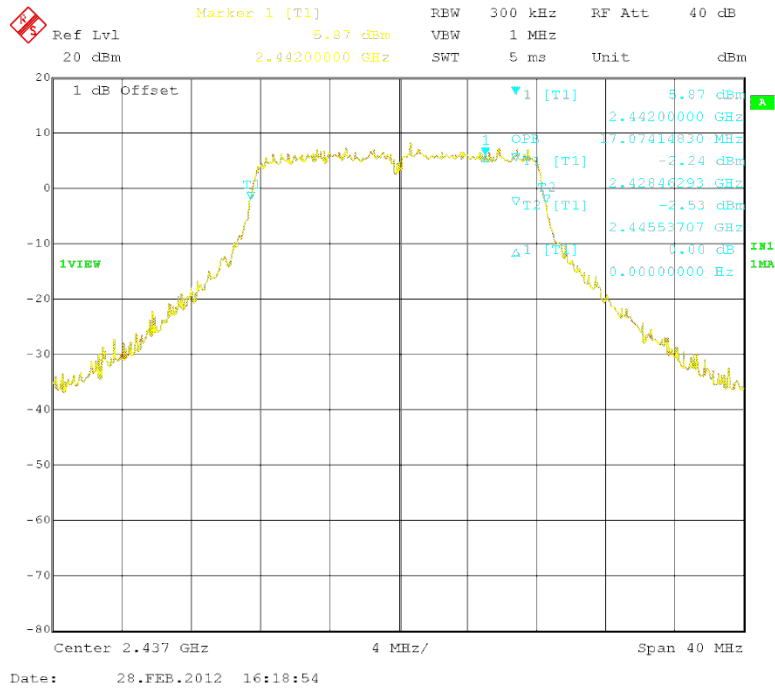
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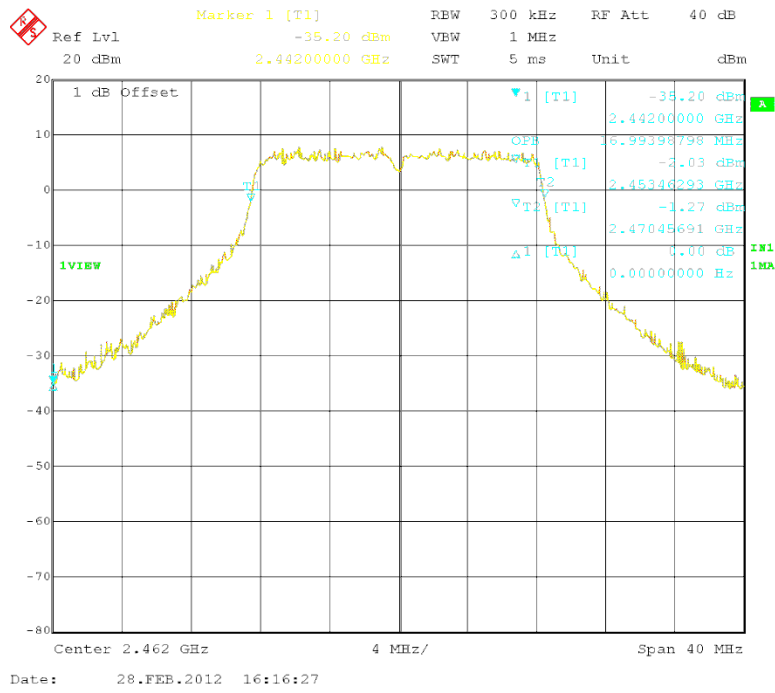
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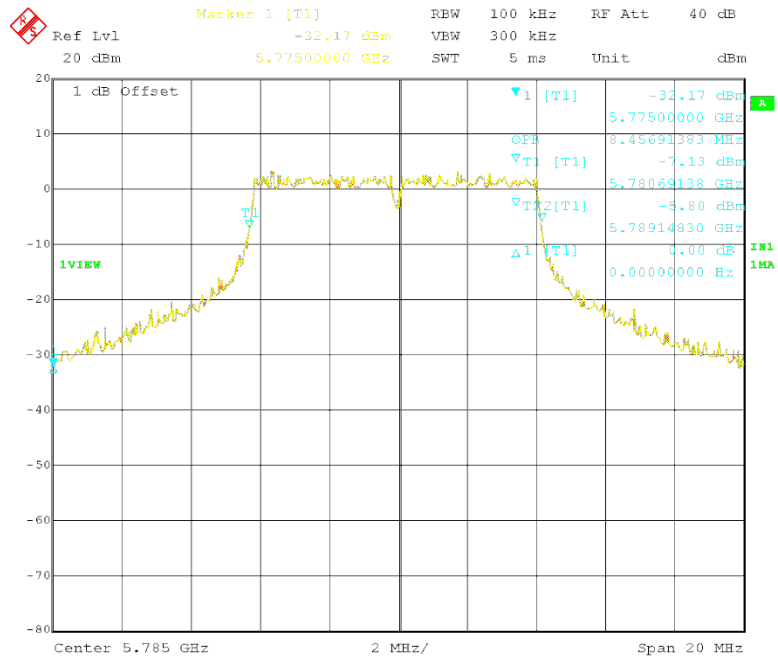


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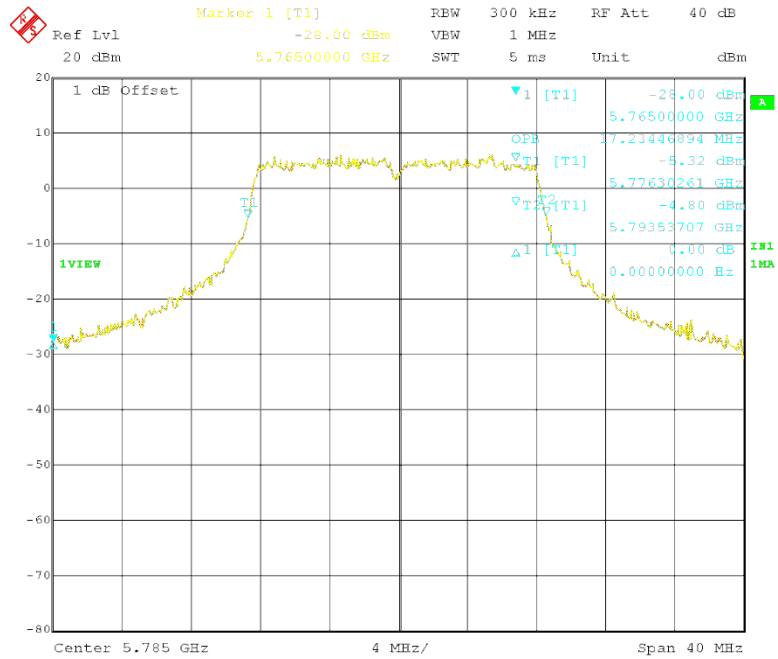


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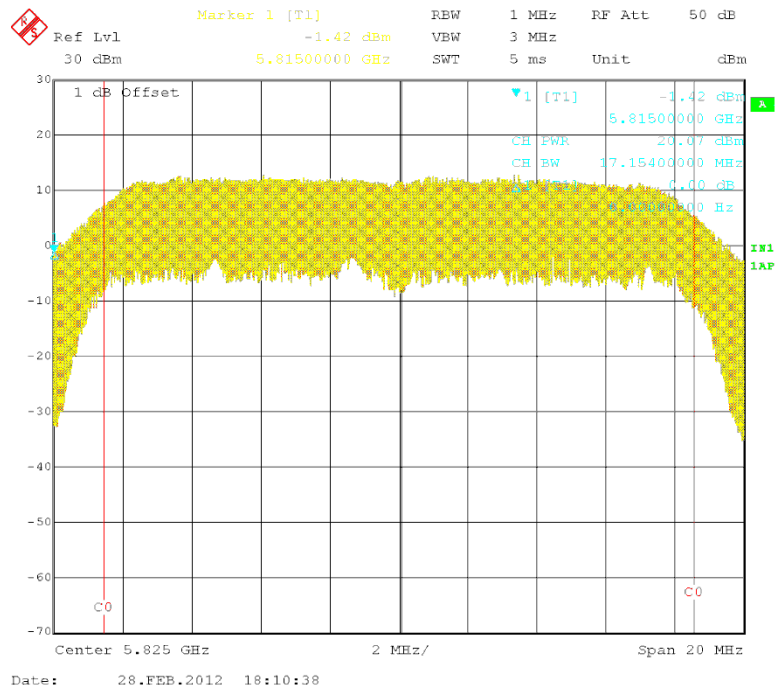
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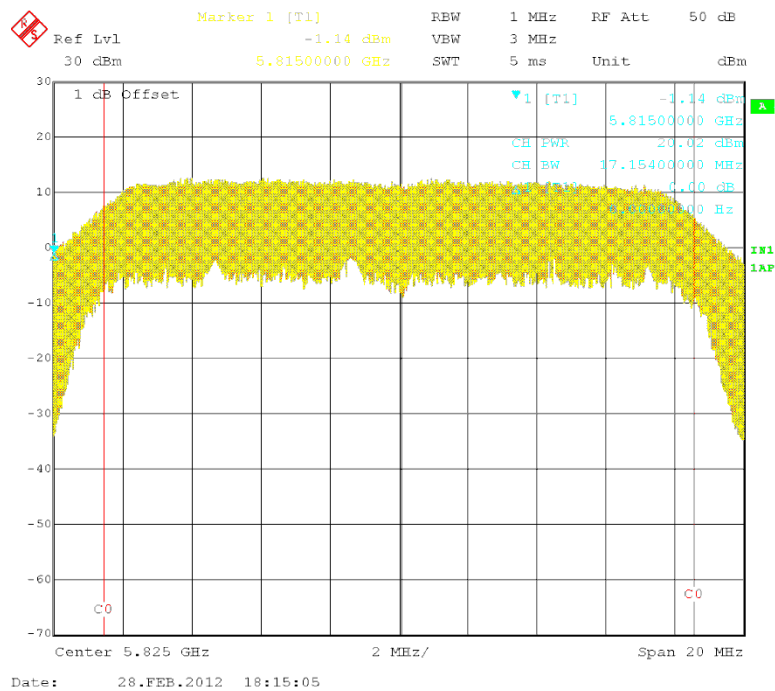
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9 Maximum Peak Conducted Power

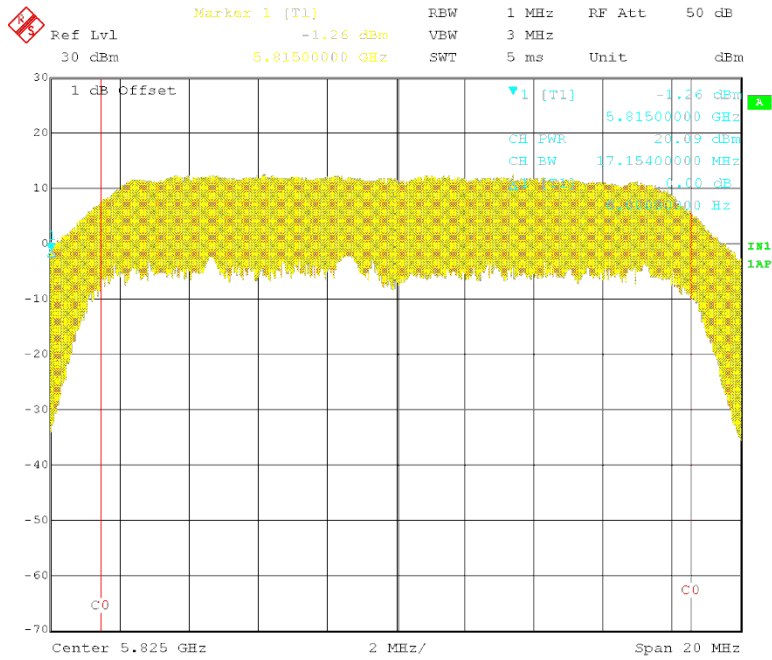
9.1 Port RF1-1: 5725-5875 MHz band



CP-5825-20M-9

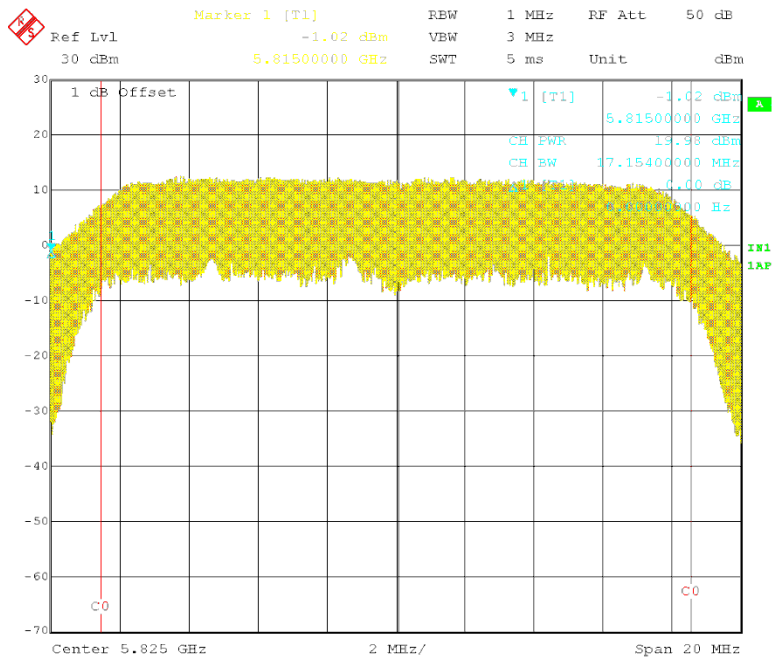


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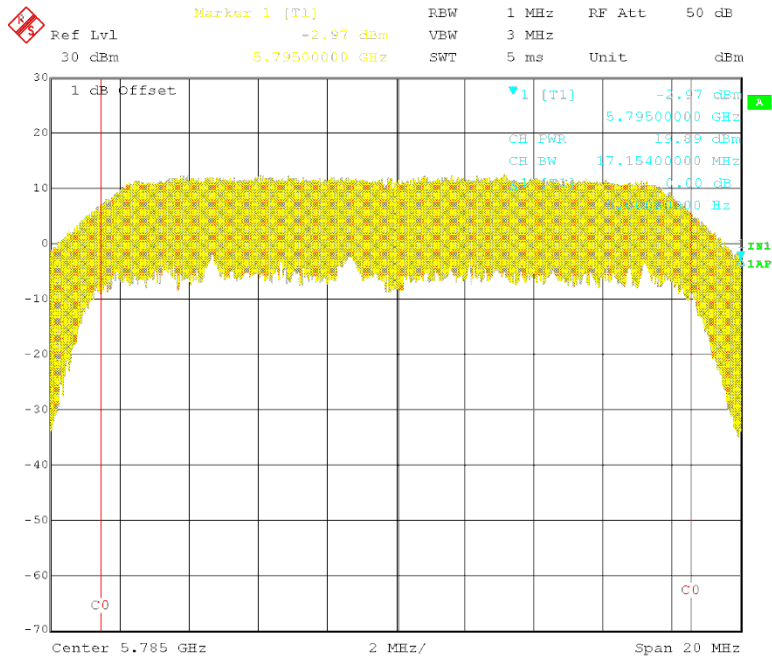
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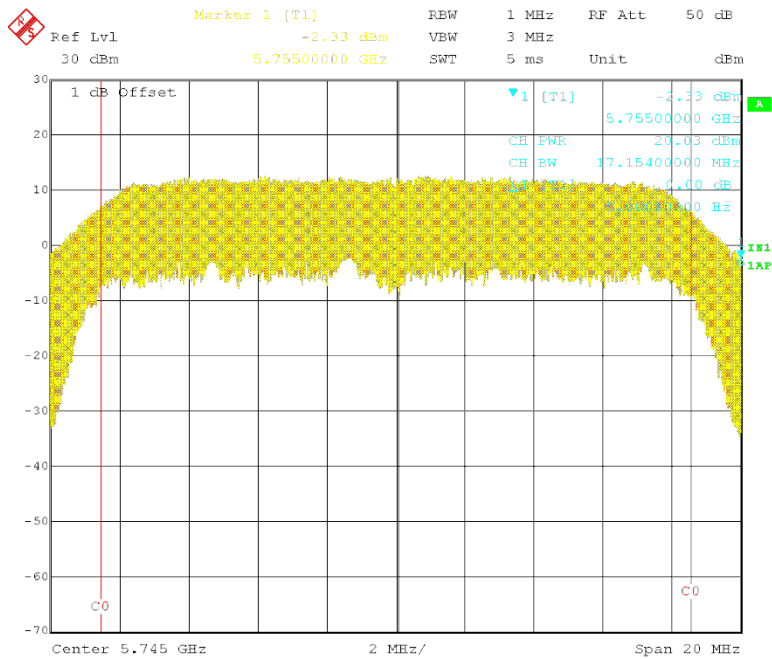
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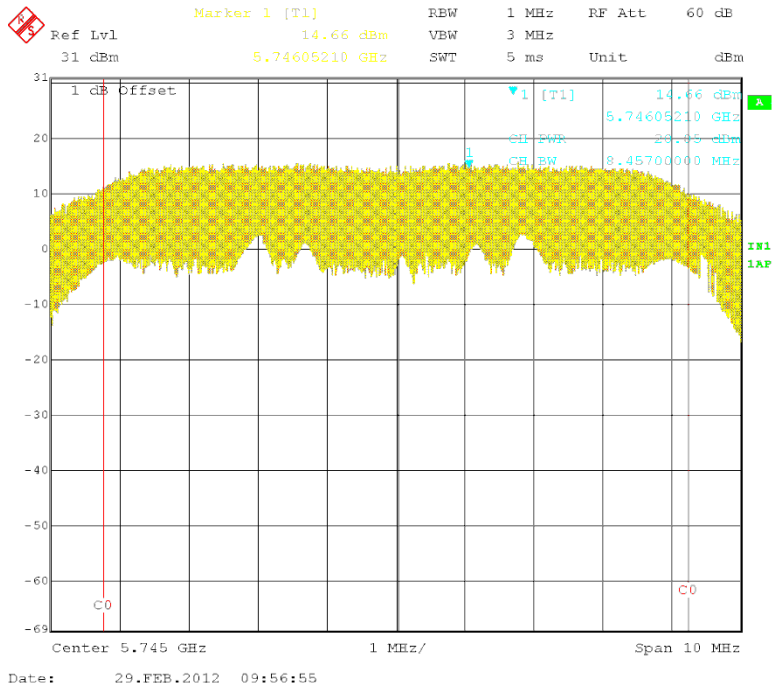
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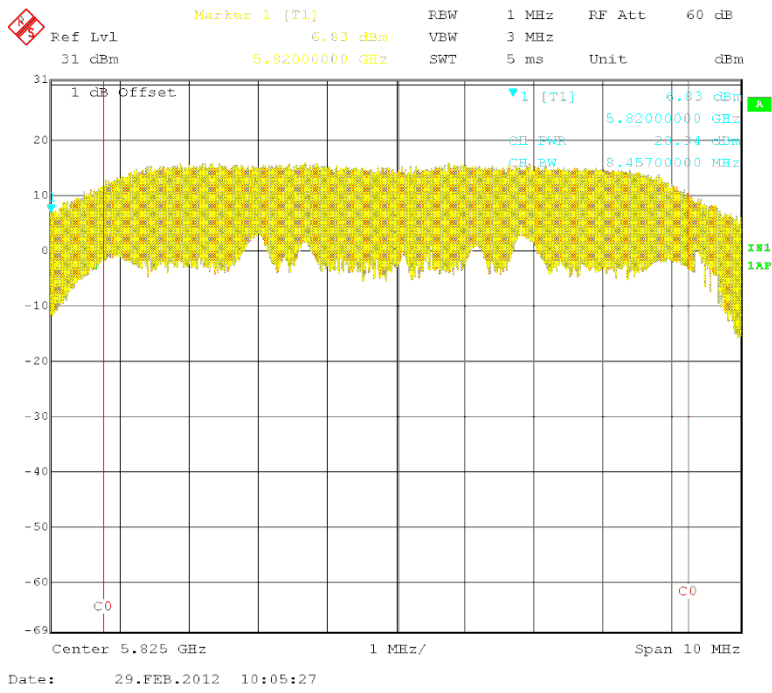


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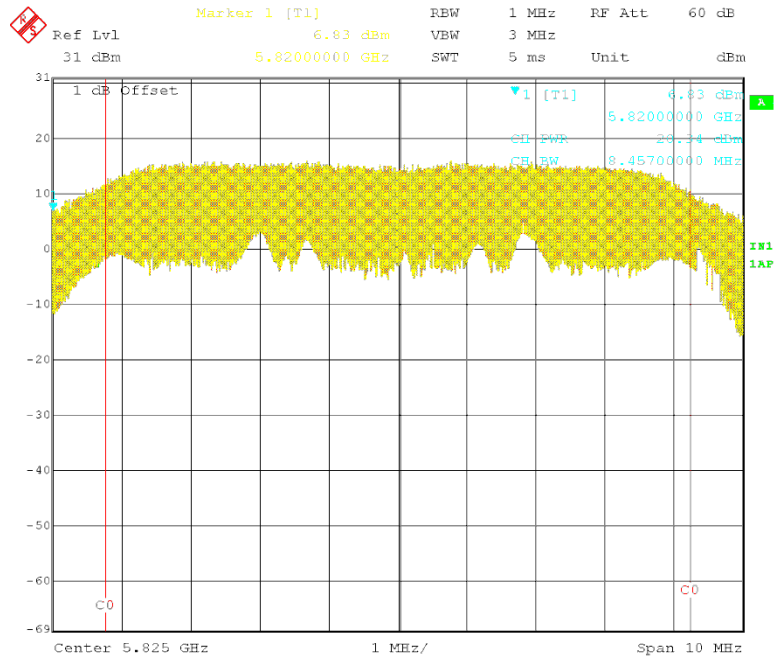
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CP-5745-10M-36



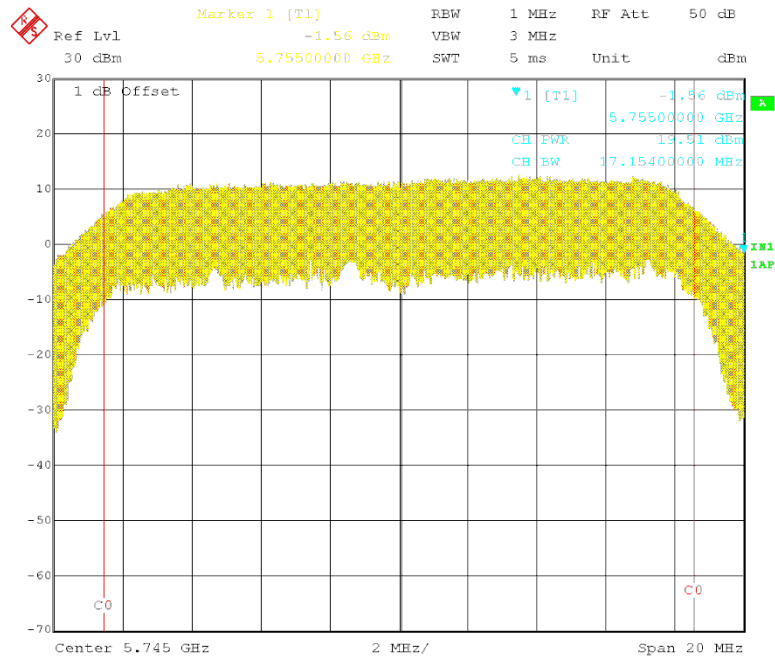
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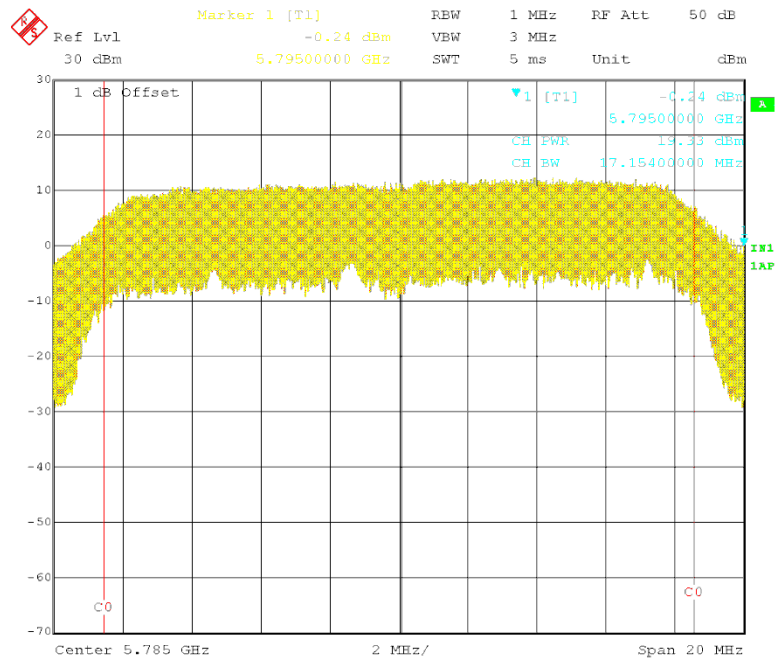
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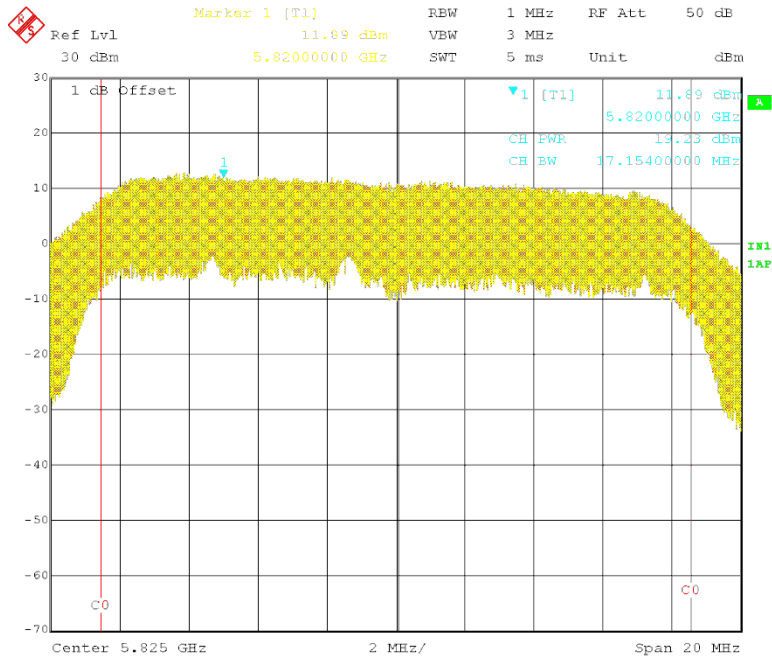
9.2 Port RF2-1: 5725-5875 MHz band



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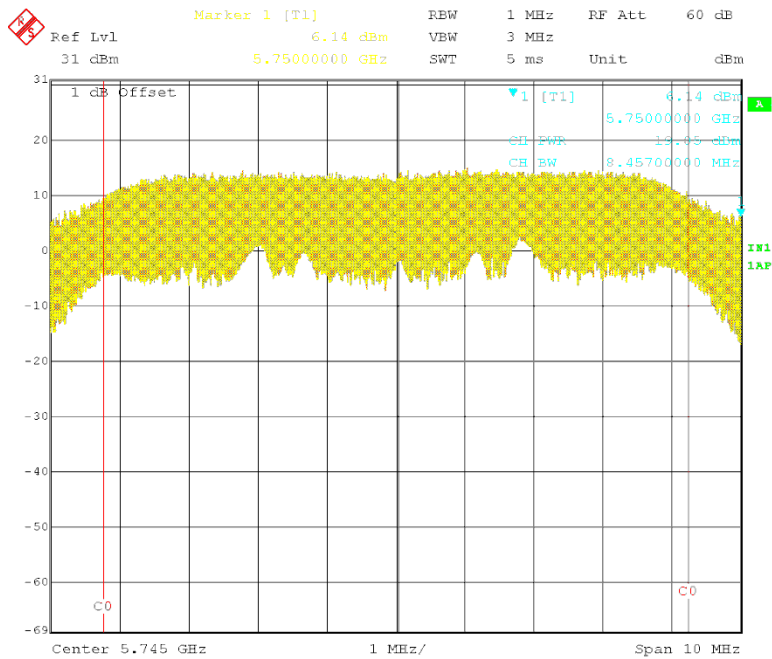


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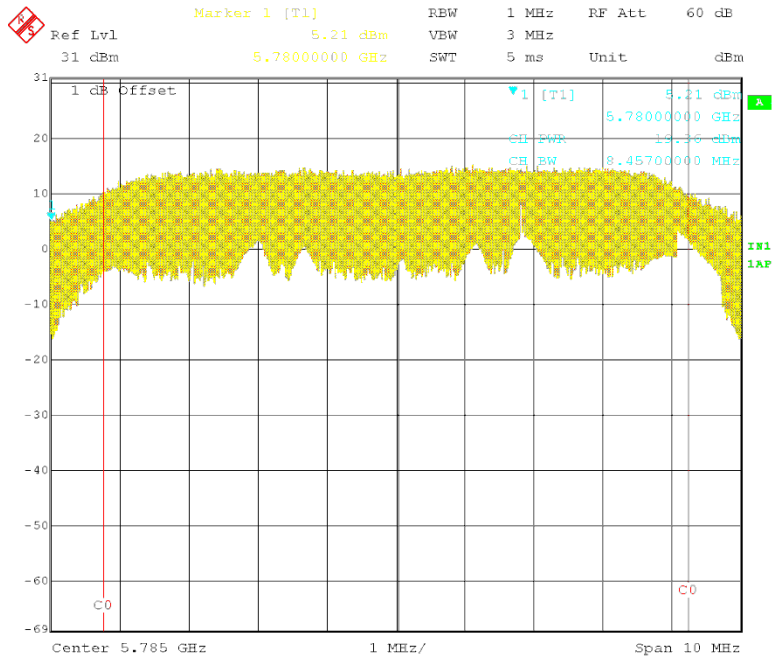
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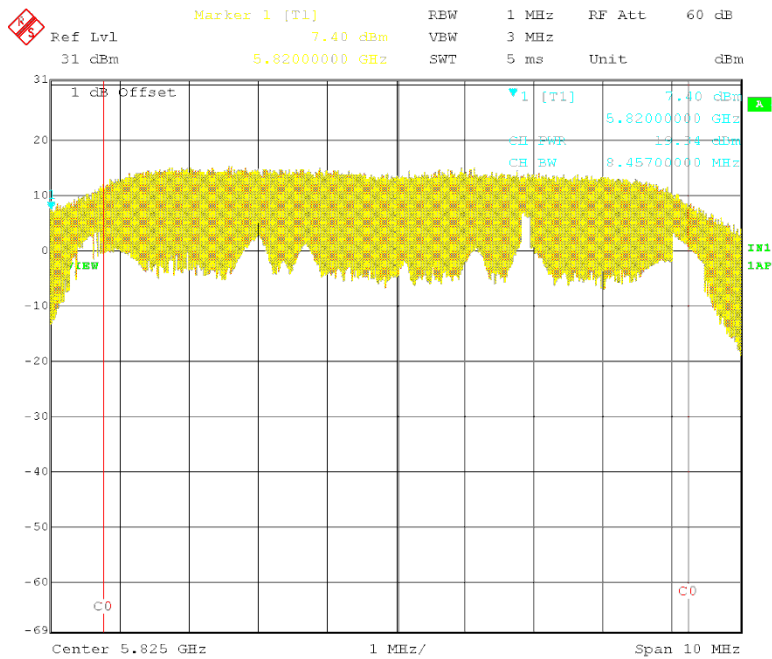
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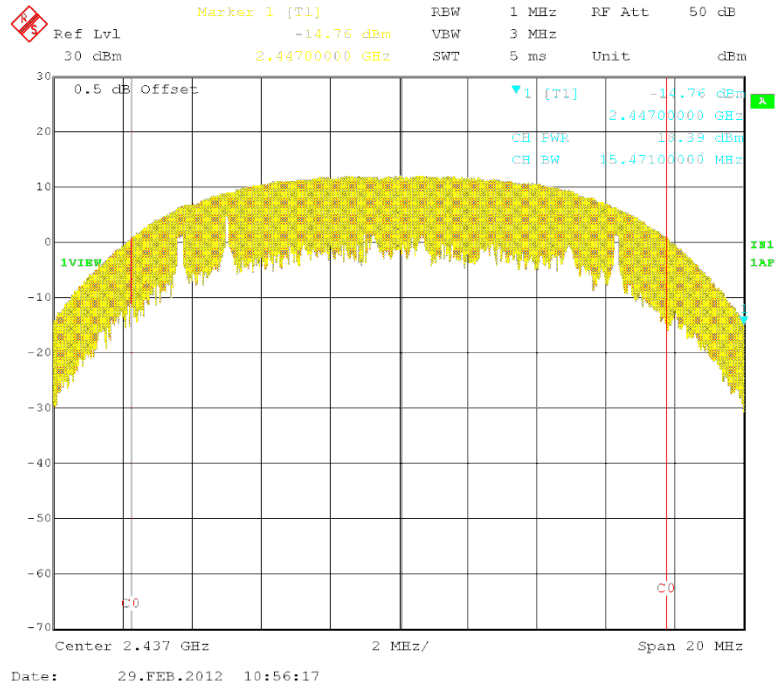
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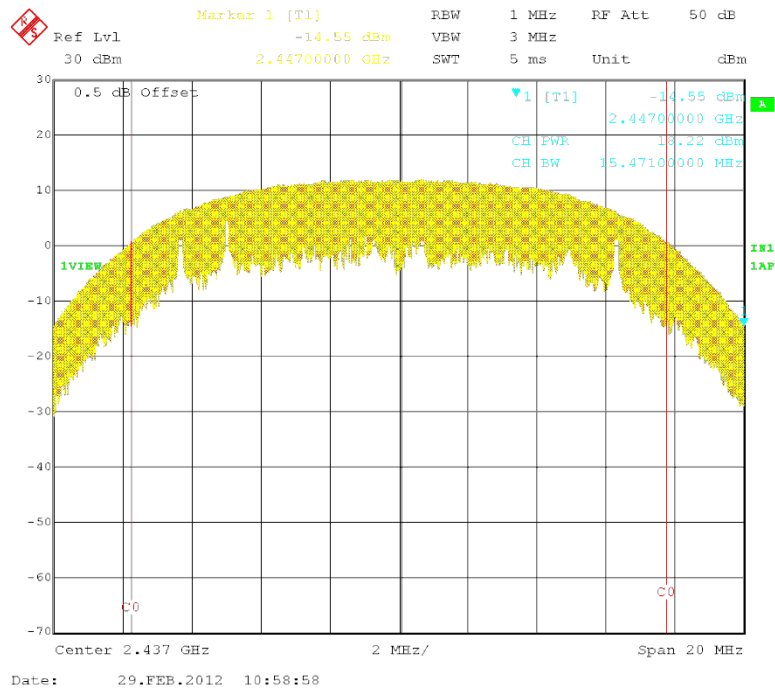
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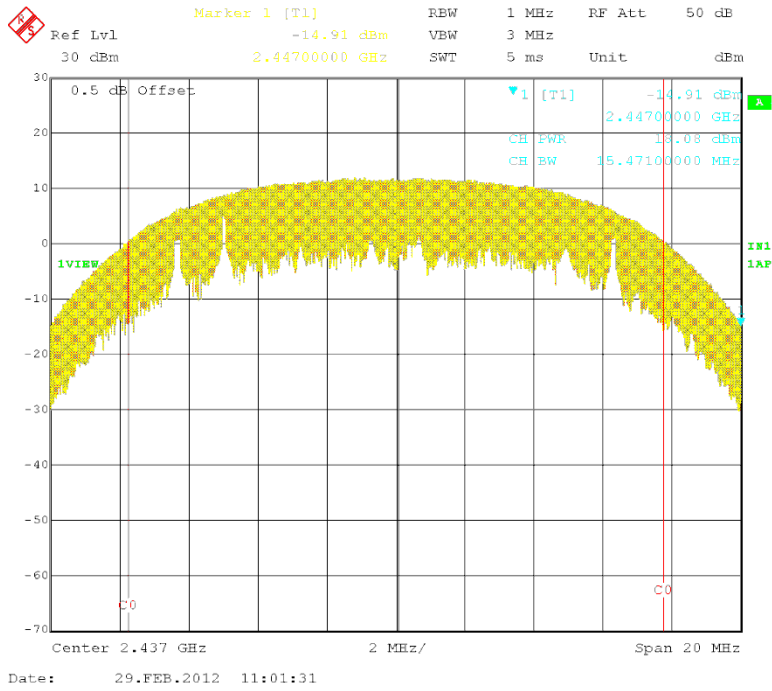
9.3 Port RF1-1: 2400-2483.5 MHz band; 20 MHz channel



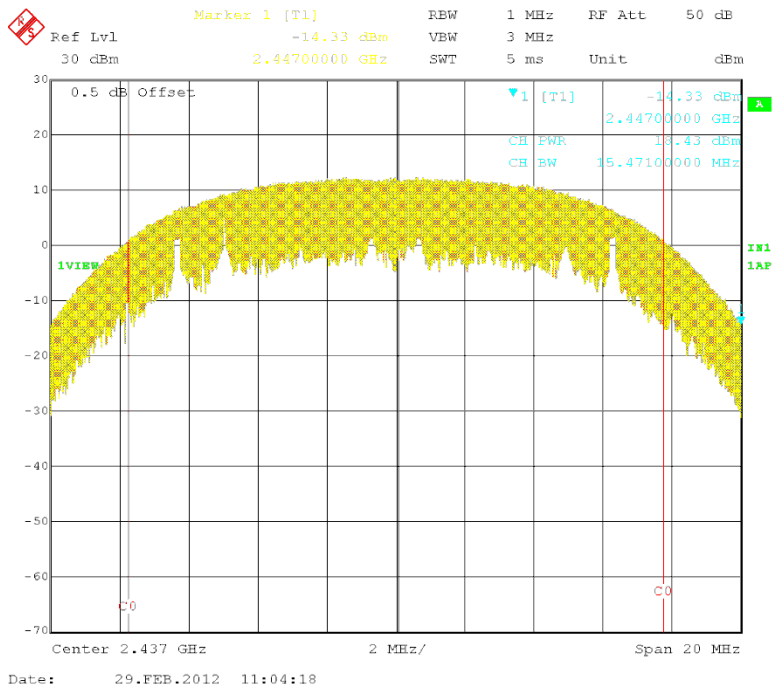
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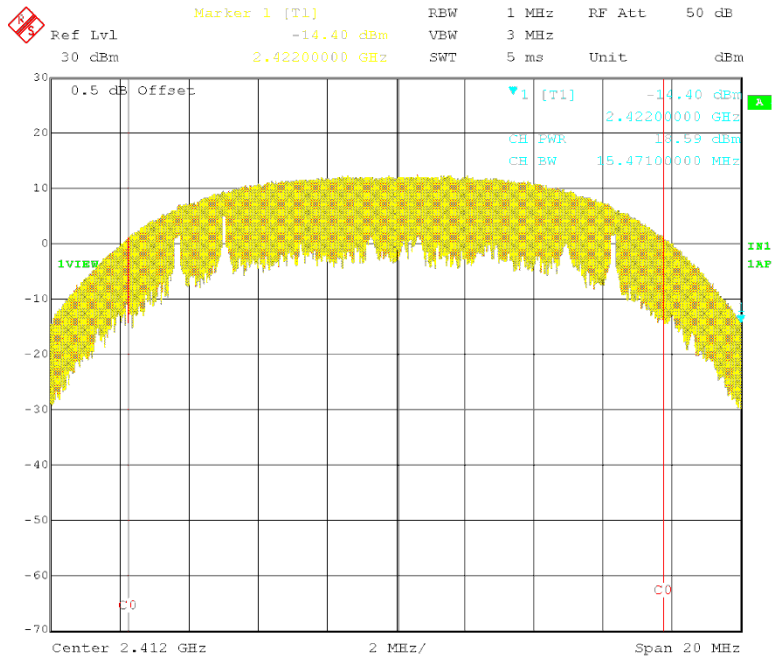
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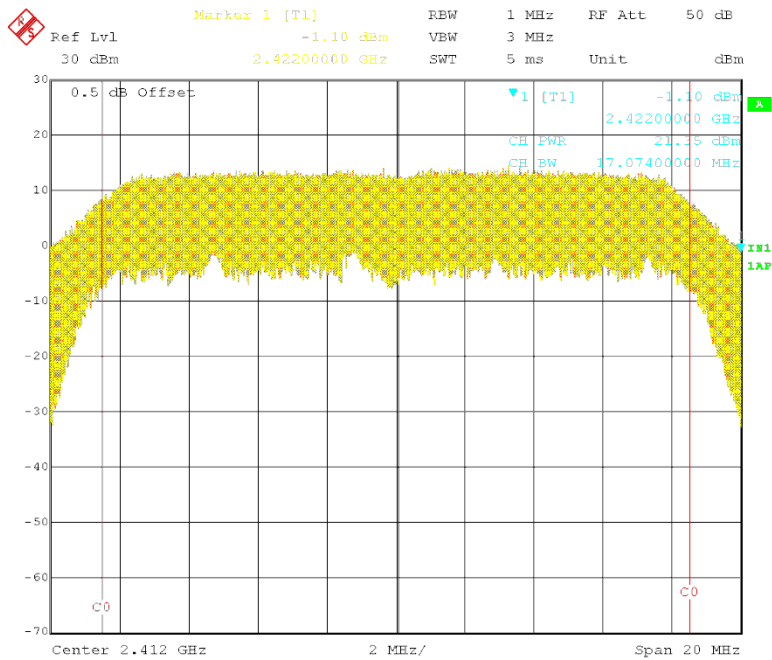


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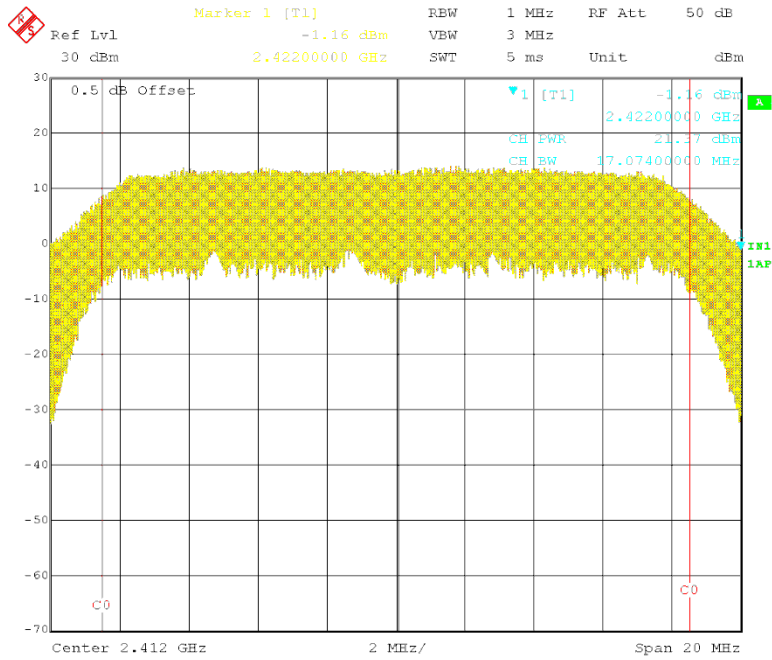
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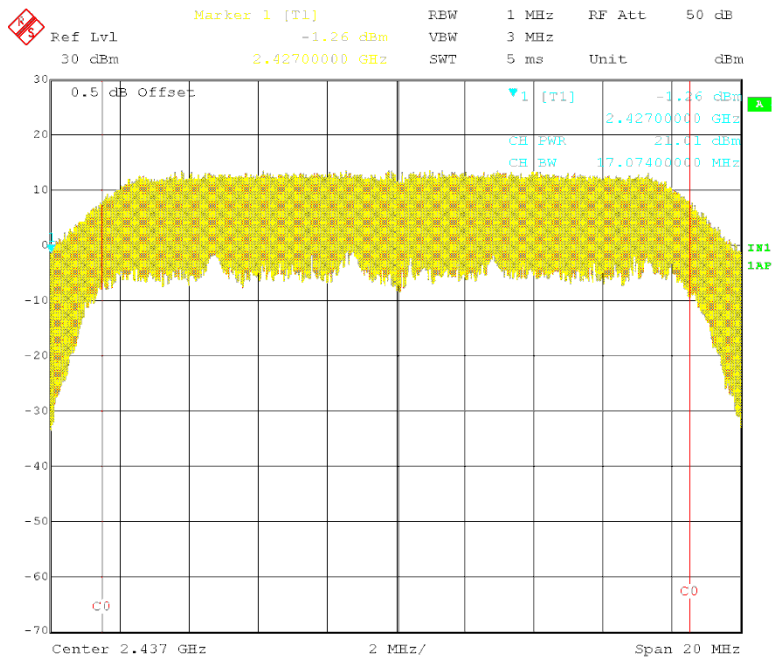


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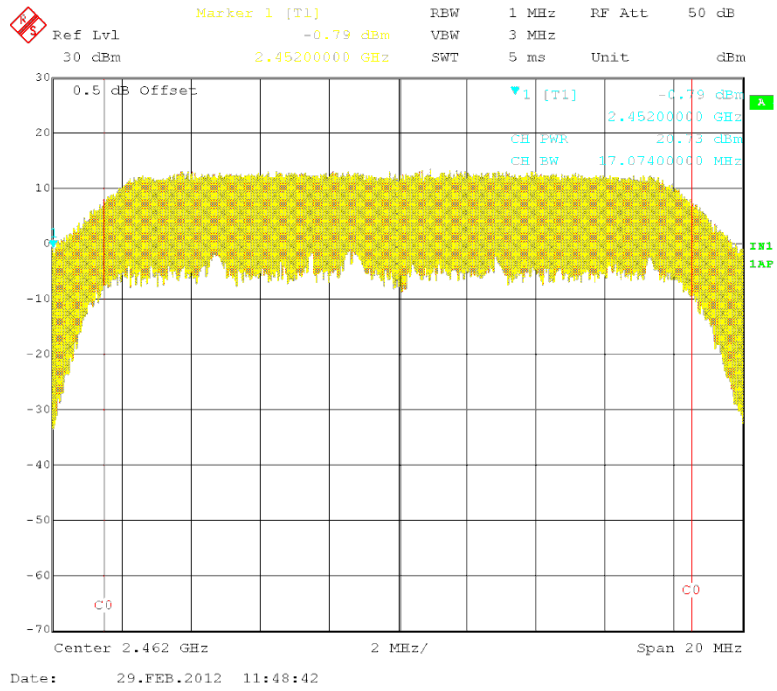
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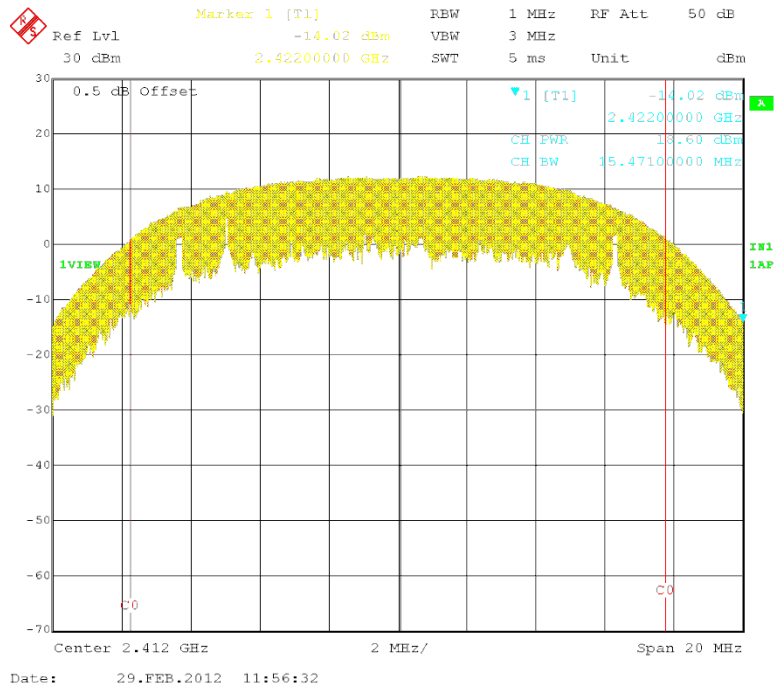


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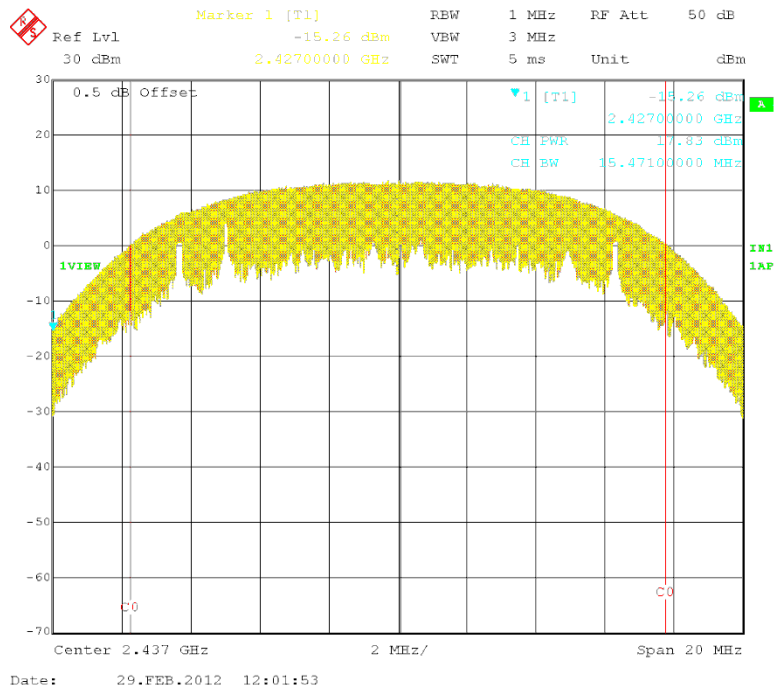


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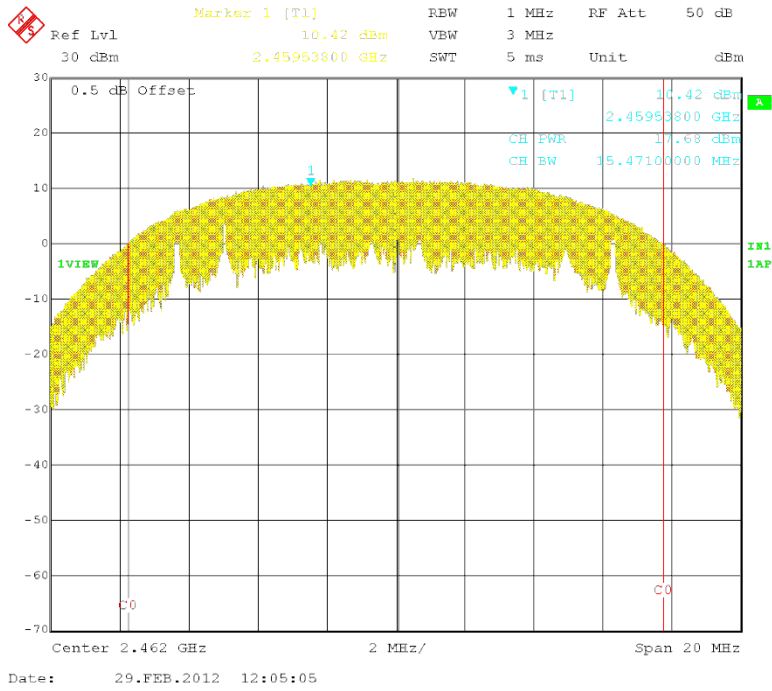
9.4 Port RF2-1: 2400-2483.5 MHz band; 20 MHz channel



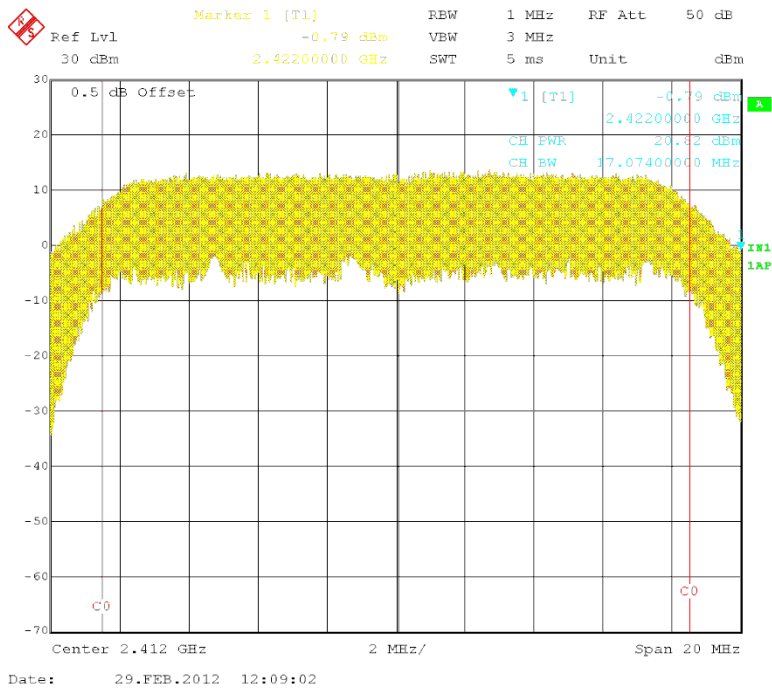
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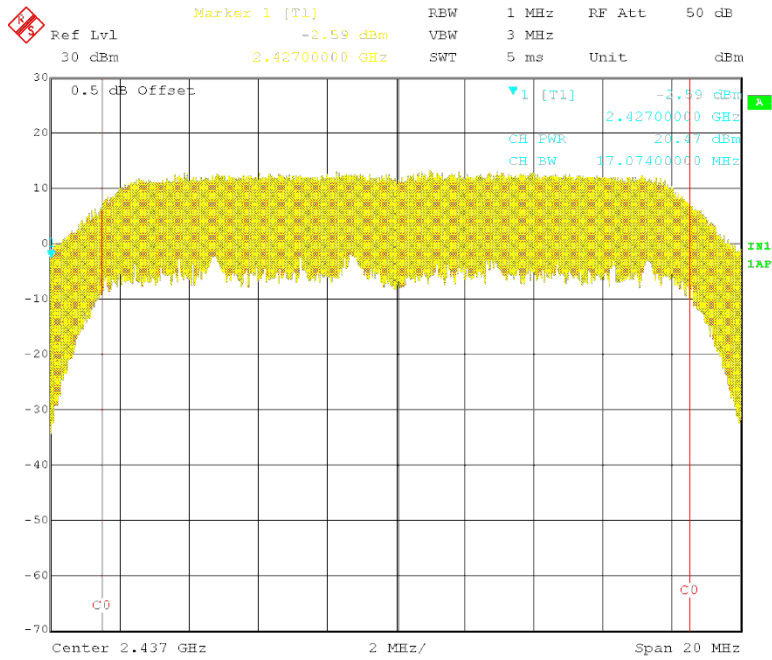
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CP-2462-b-11-2

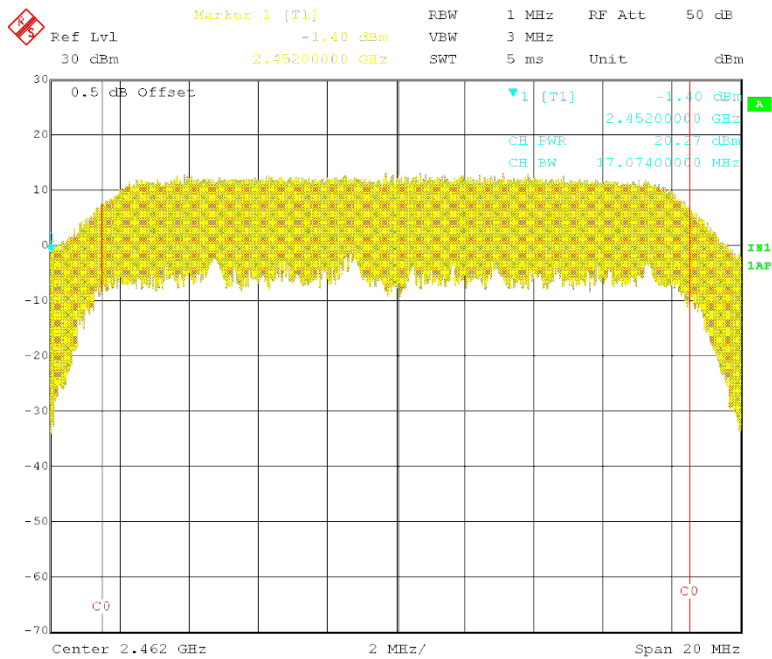


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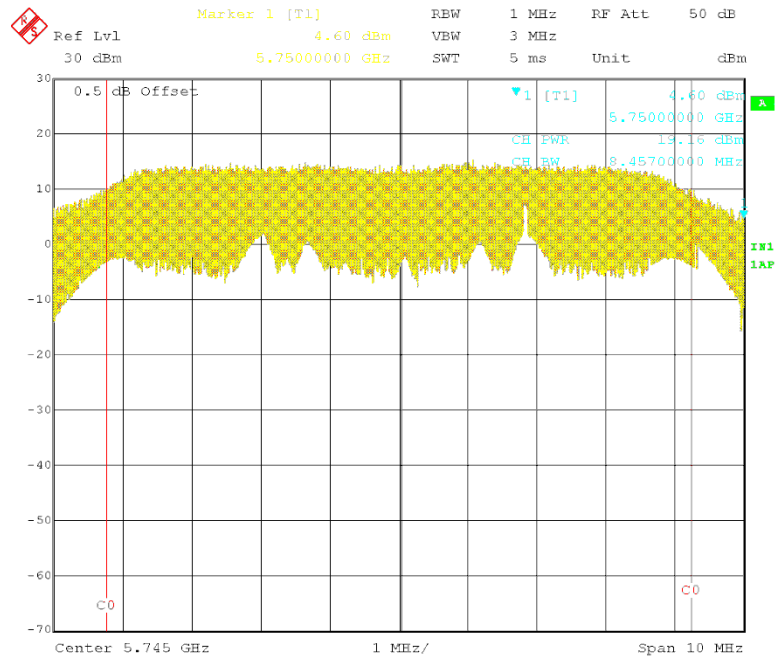
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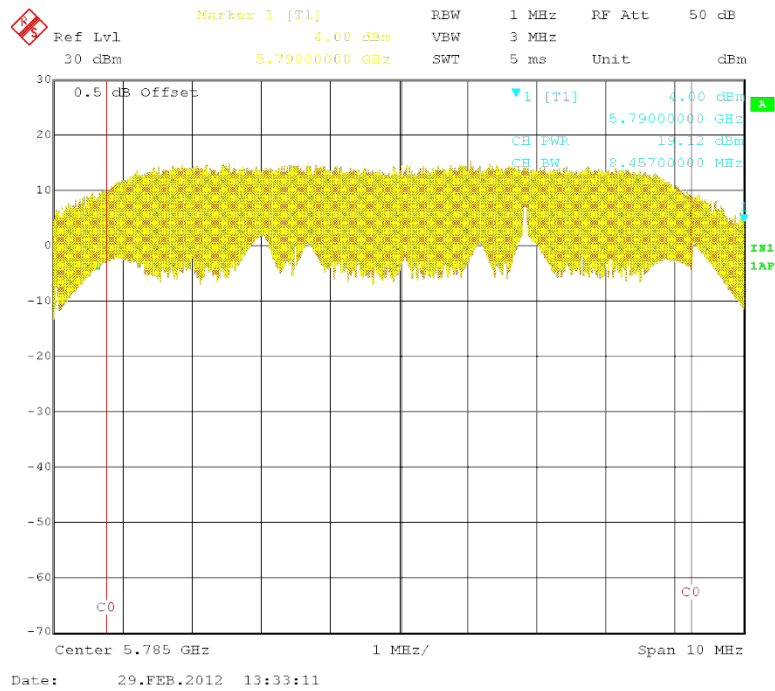
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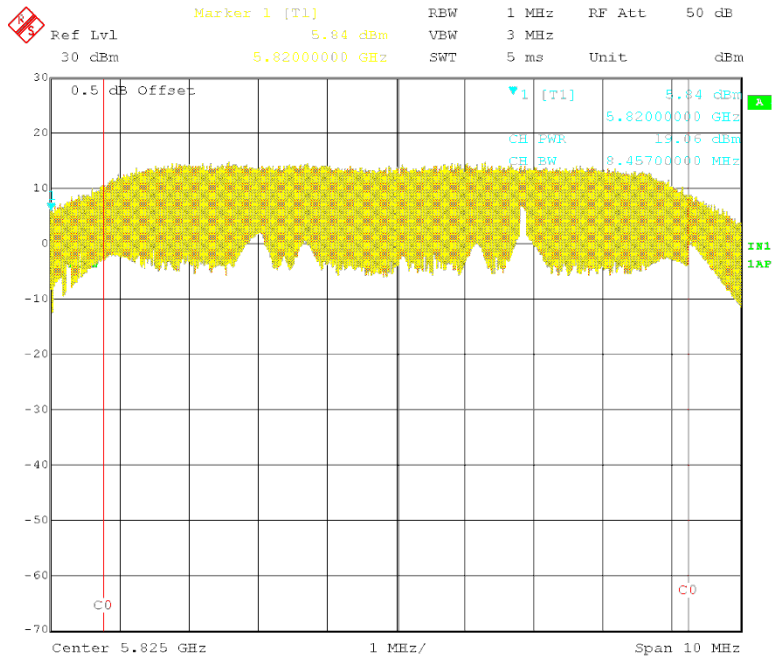
9.5 Port RF1-Integral:



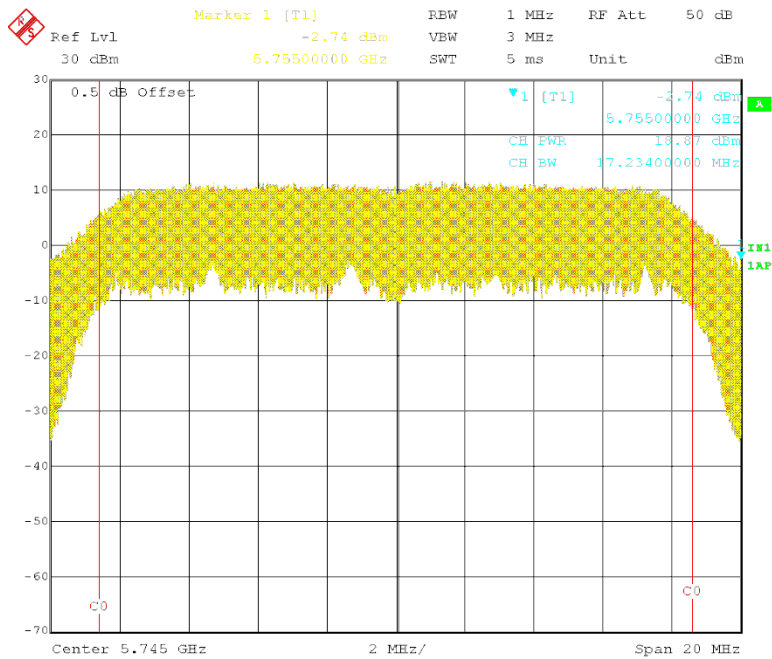
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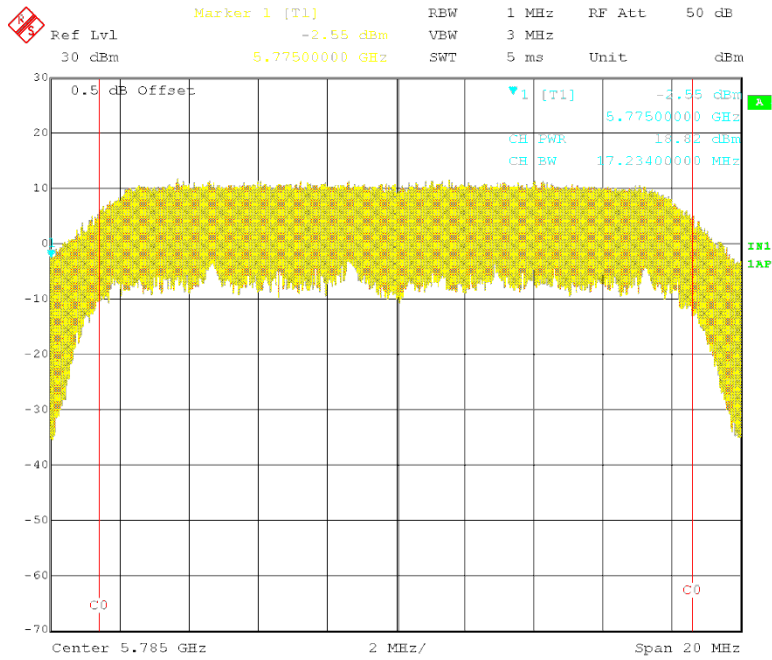
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CP-5825-10-Int

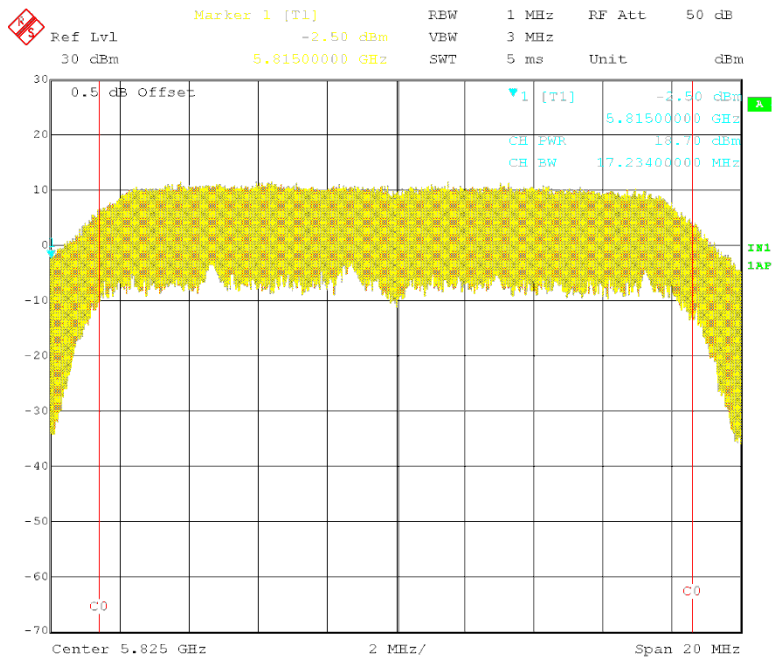


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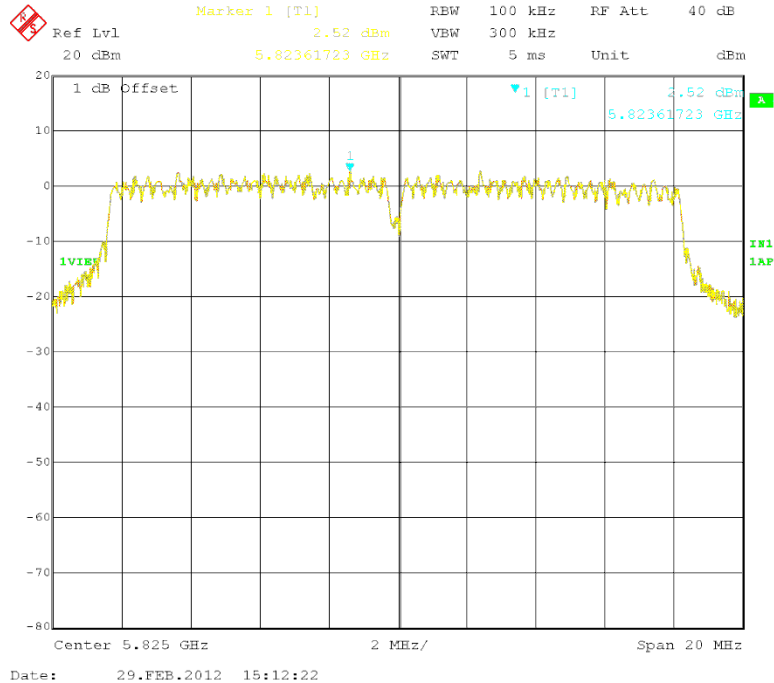


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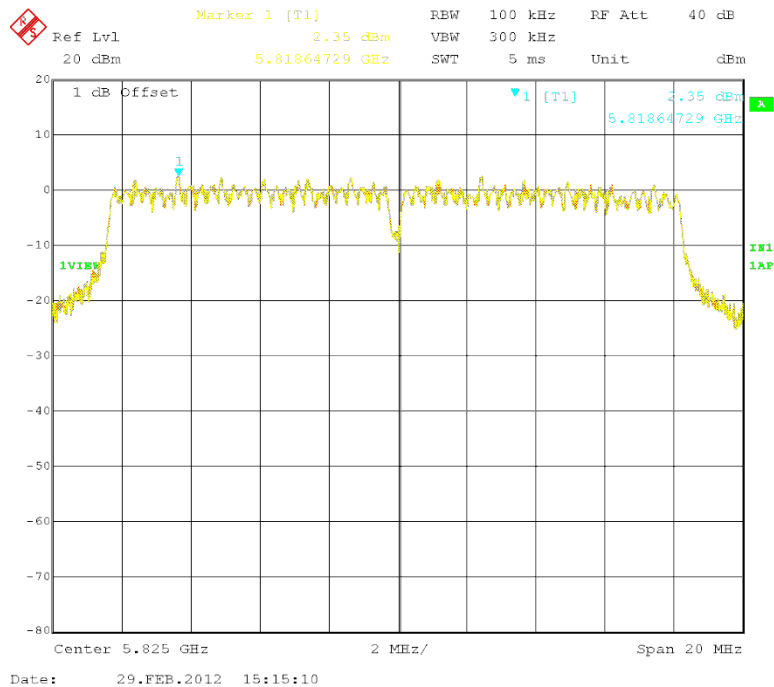
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10 Maximum Power Spectral Density

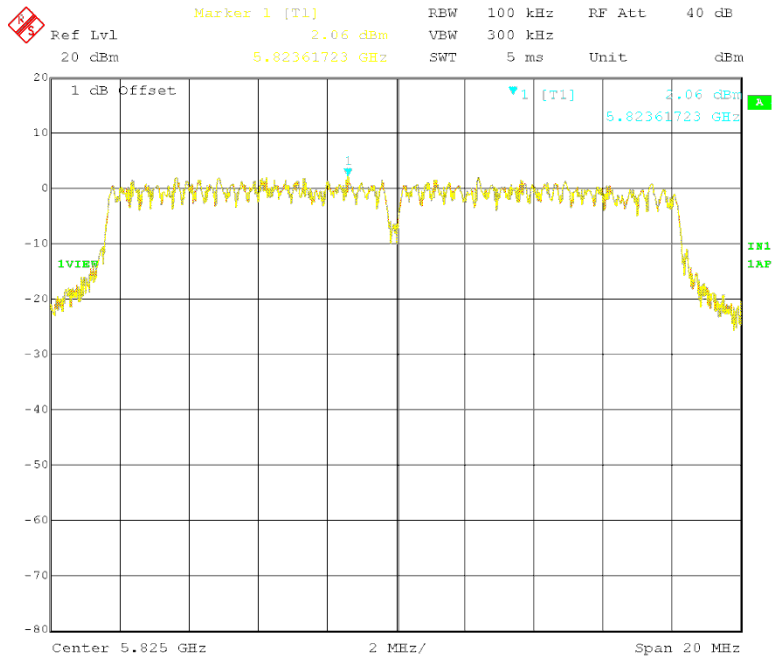
10.1 Port RF1-1: 5725-5875 MHz band



PSD-5825-20M-9

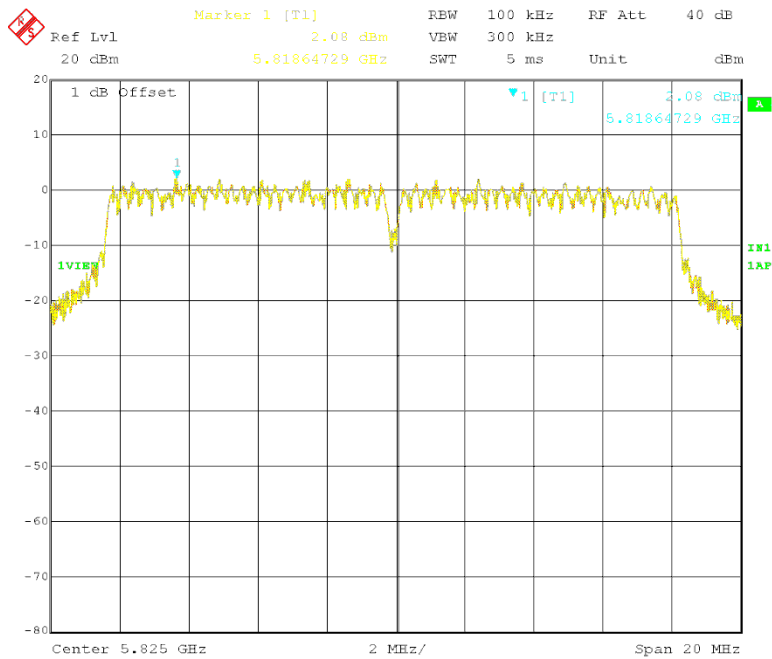


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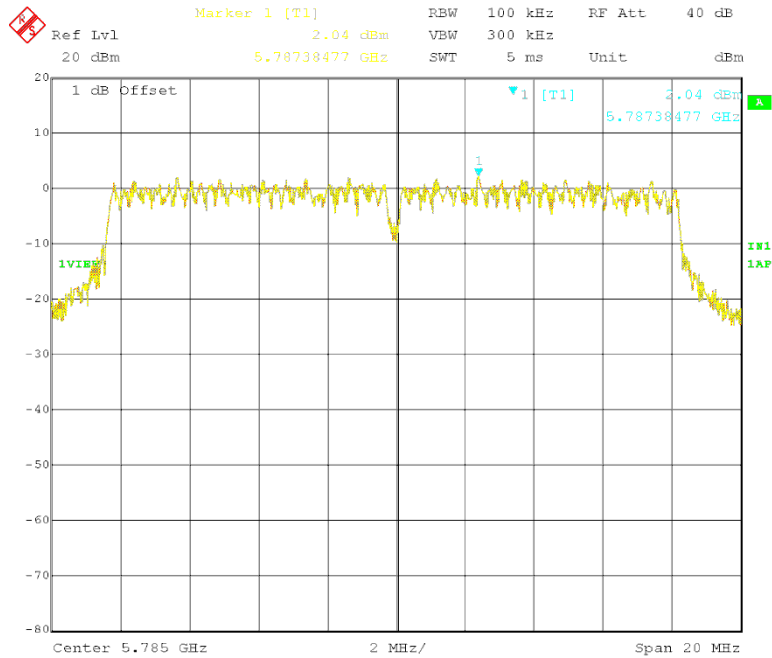
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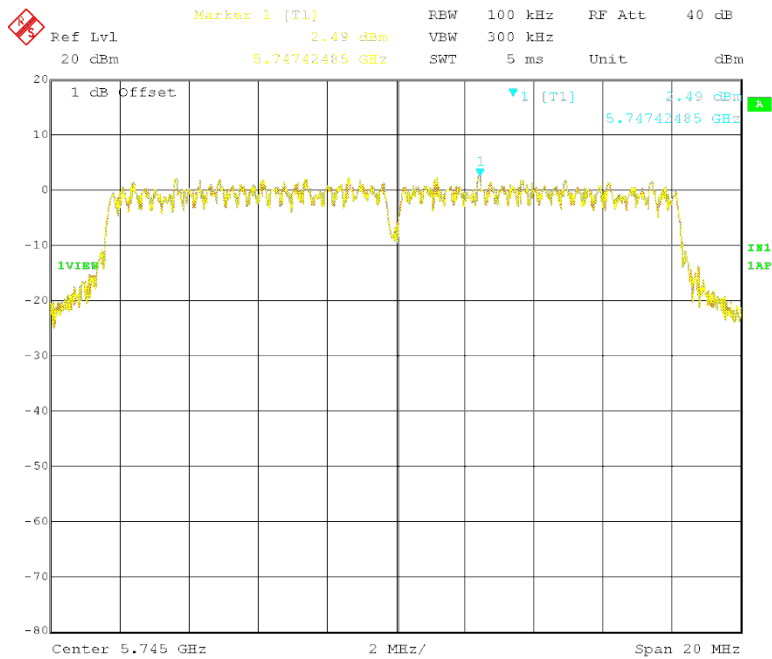
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PSD-5825-20M-54



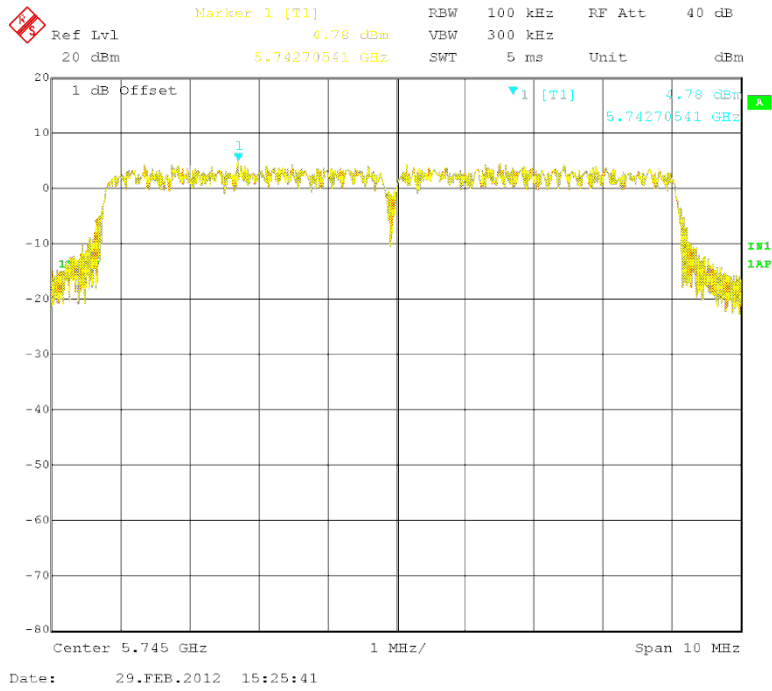
Date: 29.FEB.2012 15:20:38

PSD-5785-20M-9

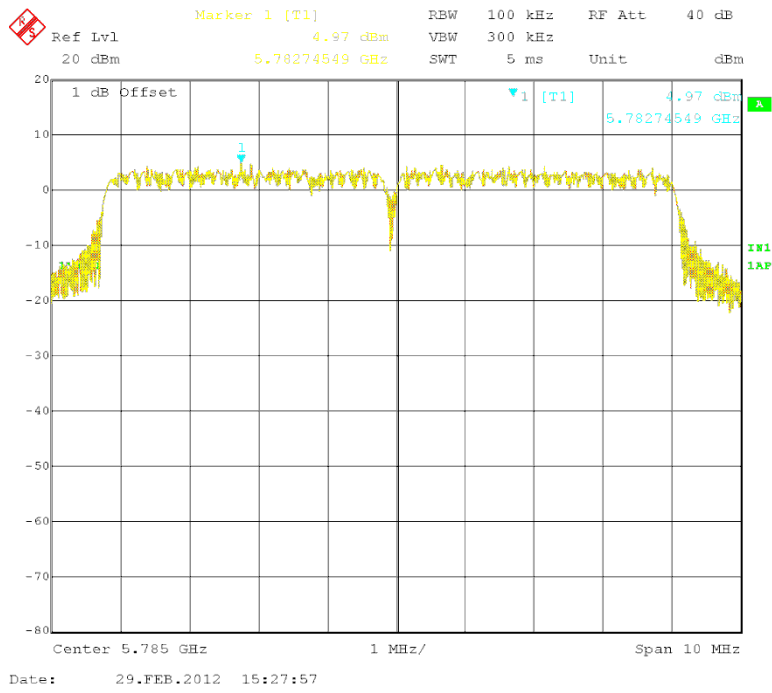


Date: 29.FEB.2012 15:22:03

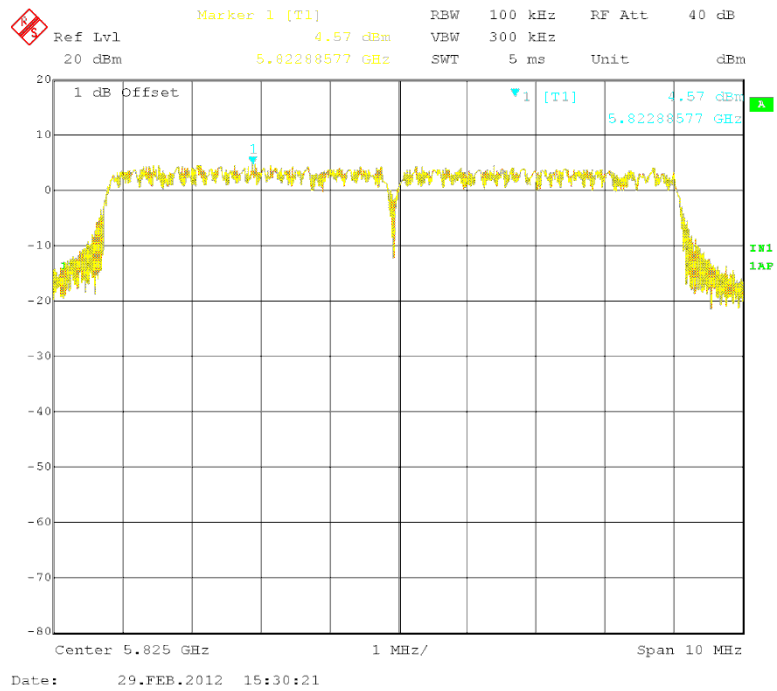
PSD-5745-20M-9



PSD-5745-10M

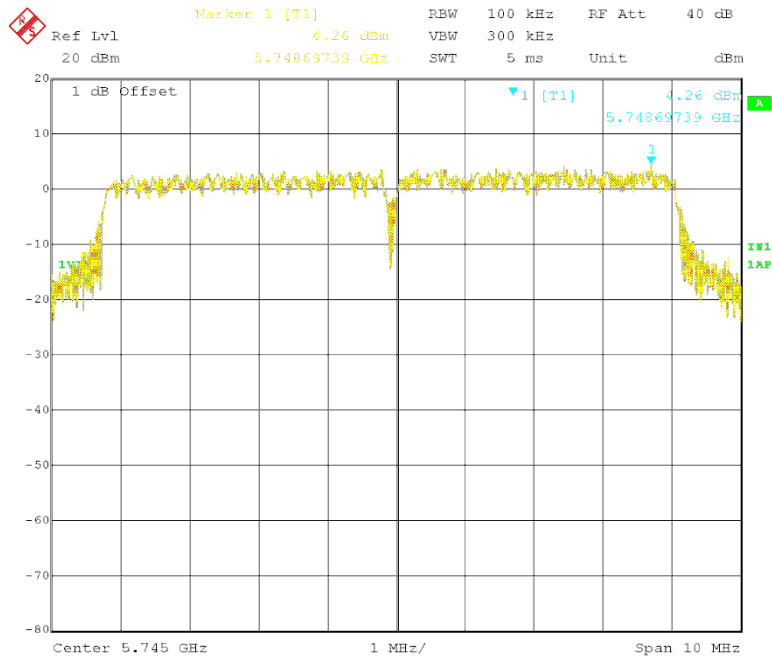


PSD-5785-10M



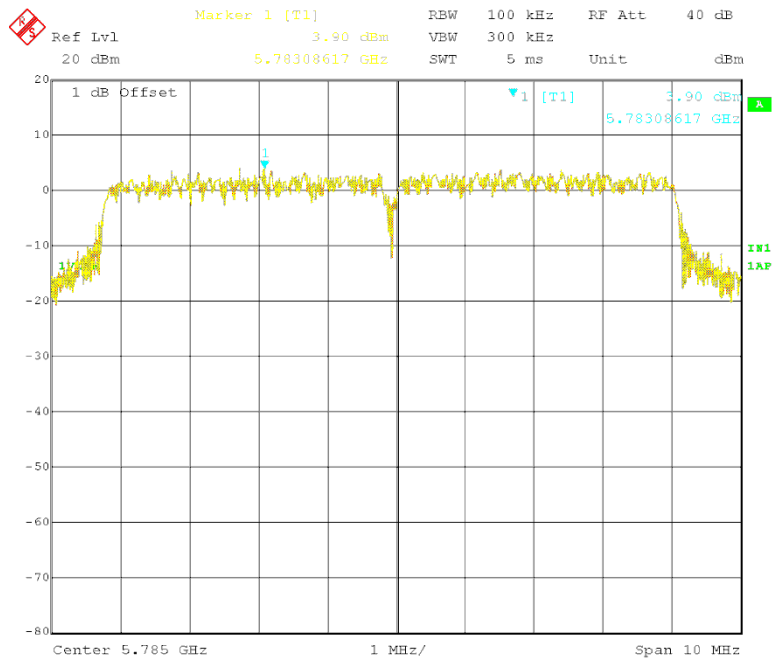
PSD-5825-10M

10.2 Port RF2-1: 5725-5875 MHz band



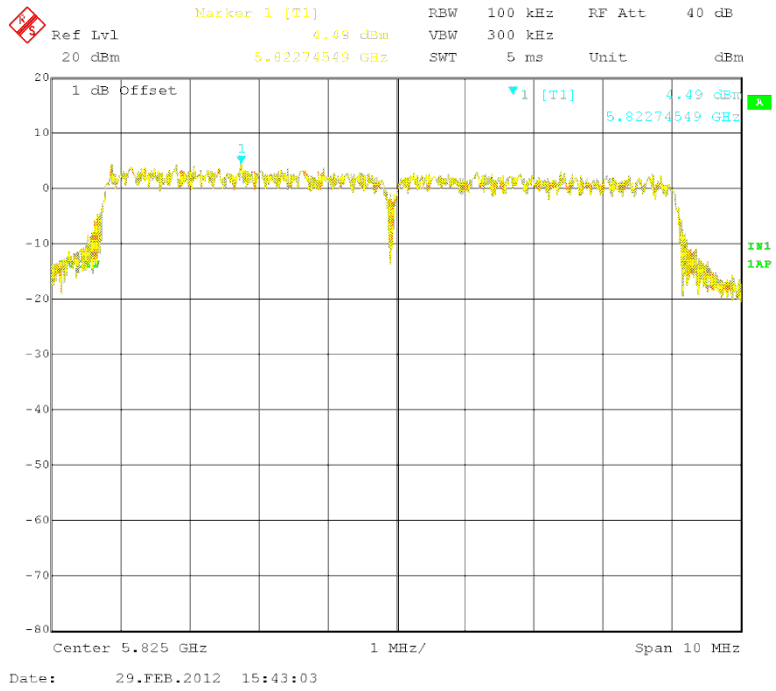
Date: 29.FEB.2012 15:39:05

PSD-5745-10M-9-2



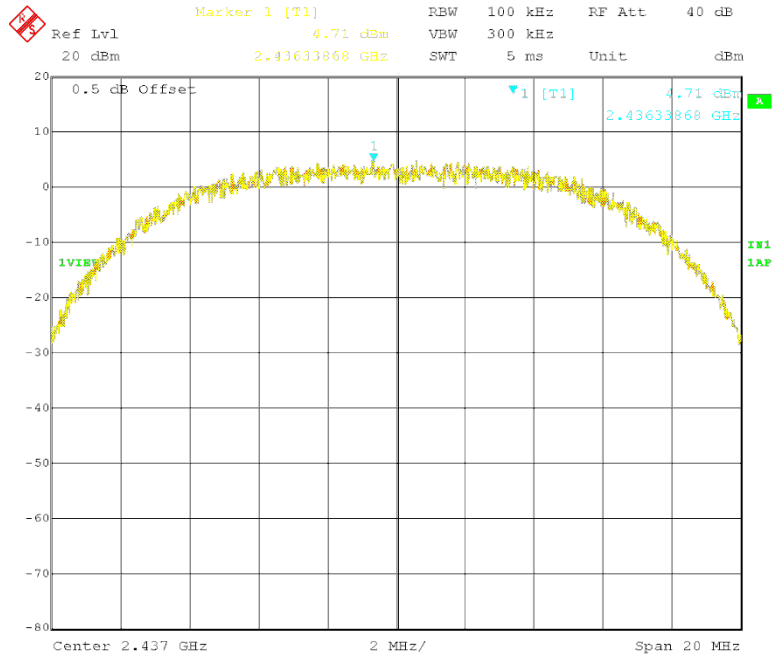
Date: 29.FEB.2012 15:41:20

PSD-5785-10M-9-2



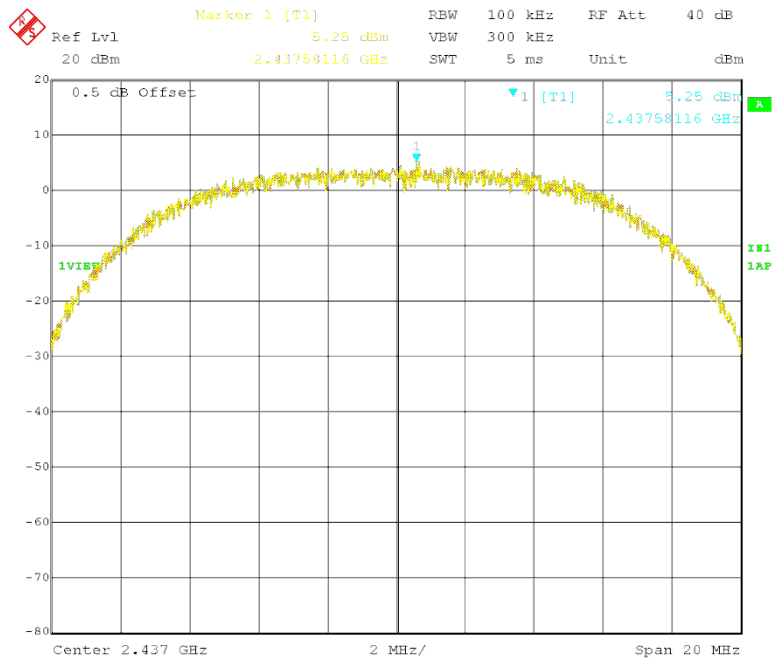
PSD-5825-10M-9-2

10.3 Port RF1-1: 2400-2483.5 MHz band; 20 MHz channel



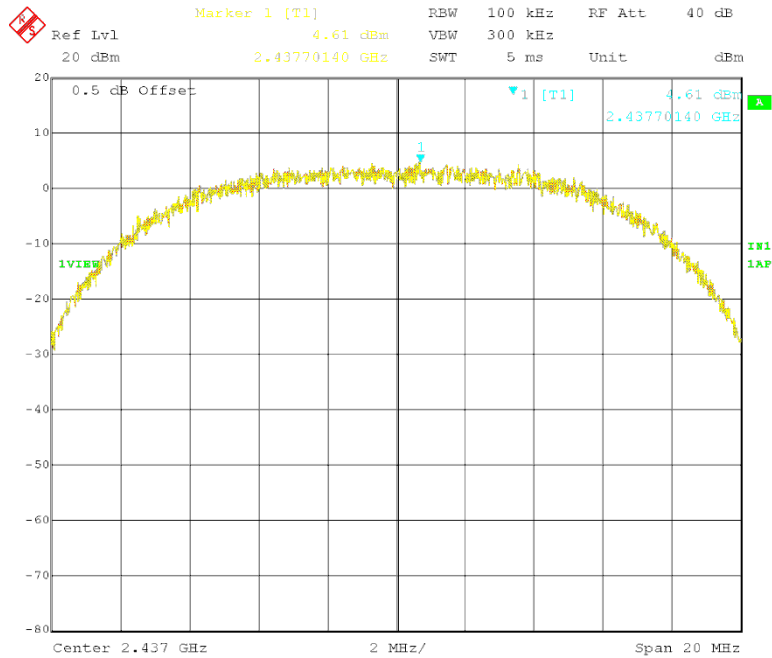
Date: 29.FEB.2012 15:47:18

PSD-2437-b-1-1



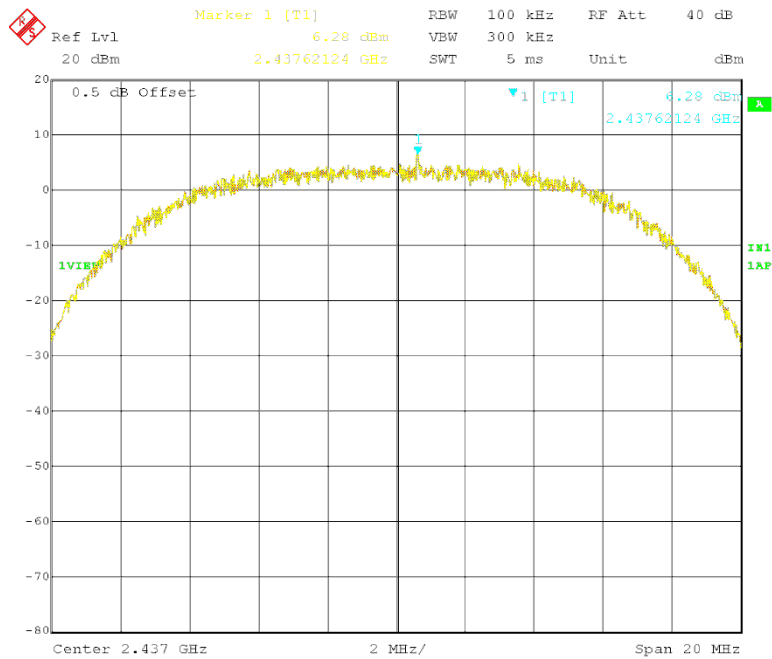
Date: 29.FEB.2012 15:49:09

PSD-2437-b-2-1



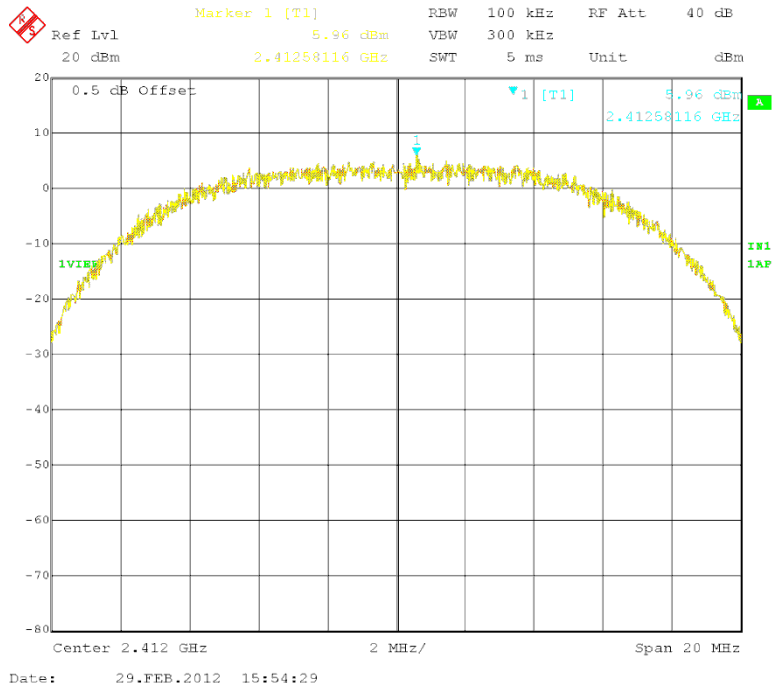
Date: 29.FEB.2012 15:50:24

PSD-2437-b-5.5-1

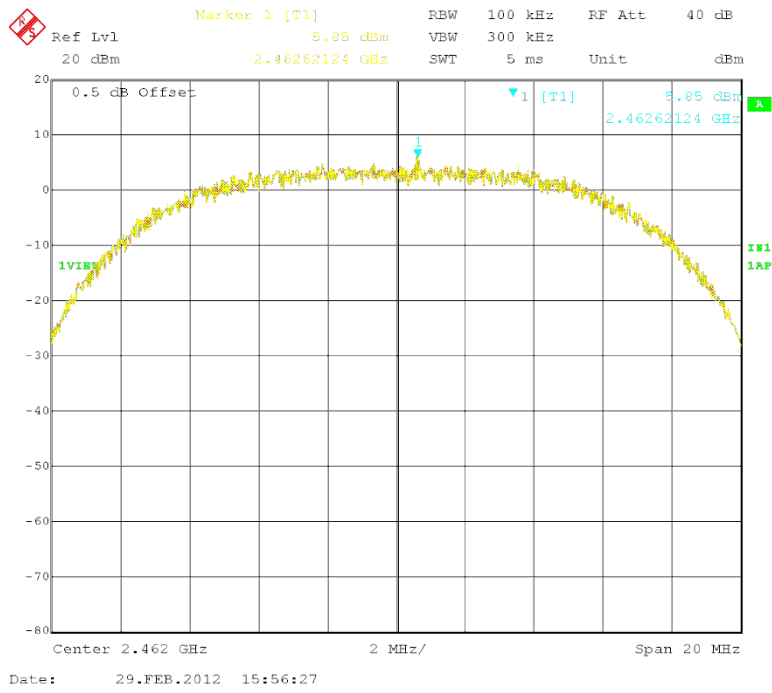


Date: 29.FEB.2012 15:52:59

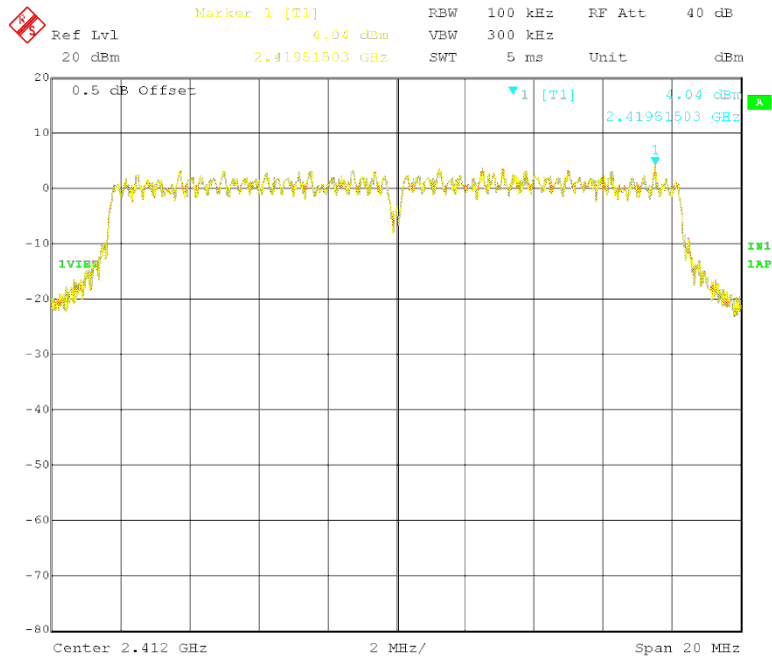
PSD-2437-b-11-1



PSD-2412-b-11-1

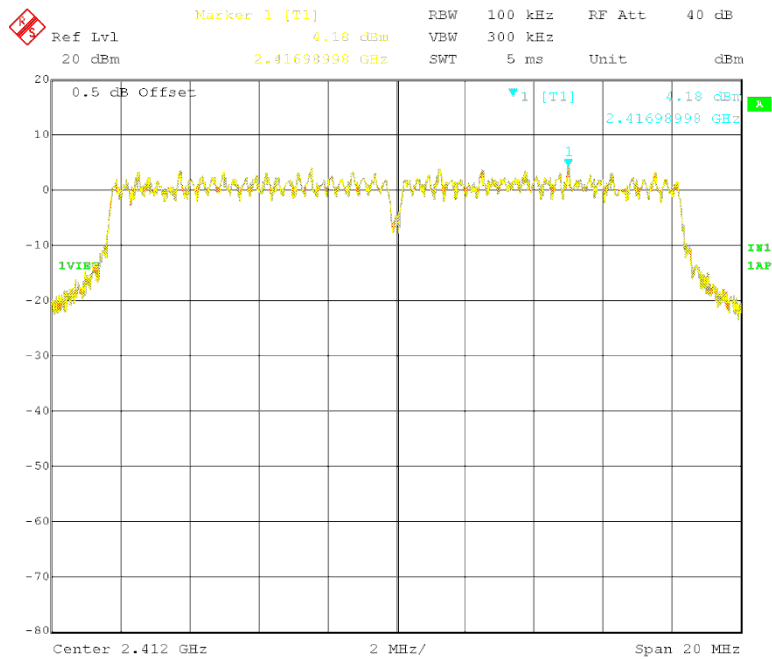


PSD-2462-b-11-1



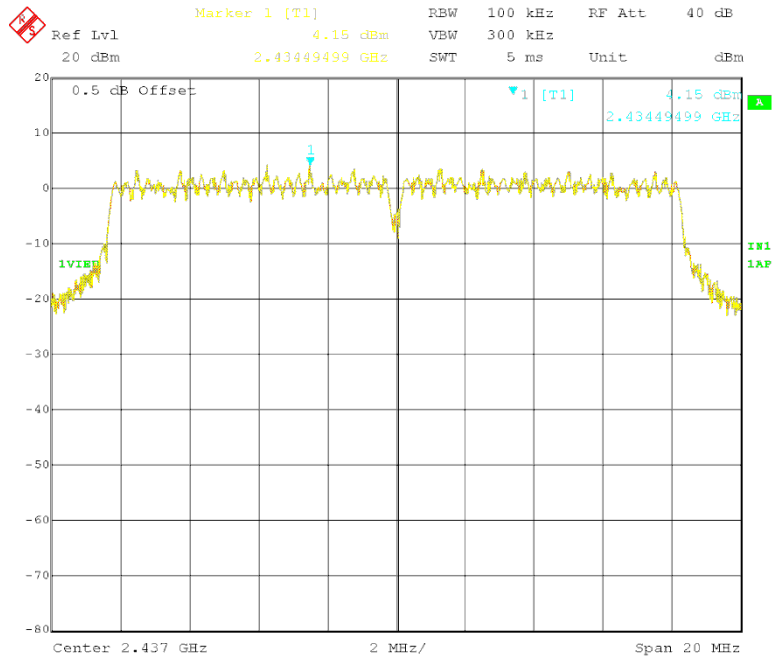
Date: 29.FEB.2012 15:58:47

PSD-2412-g-1-1



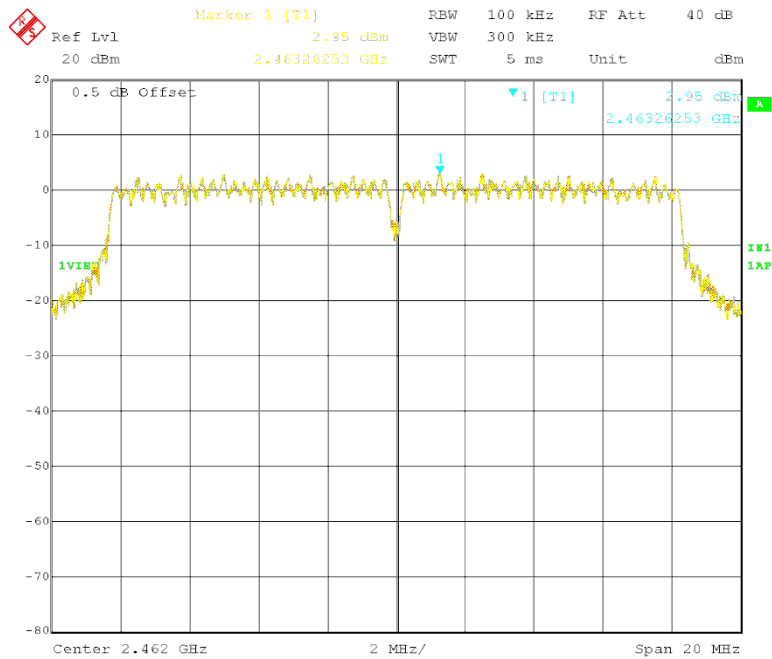
Date: 29.FEB.2012 16:00:19

PSD-2412-g-54-1



Date: 29.FEB.2012 16:02:40

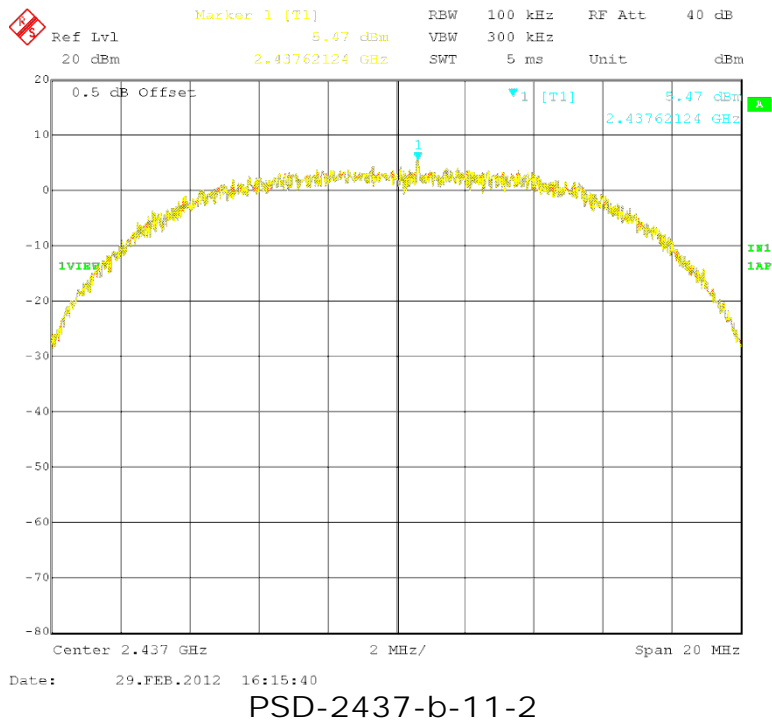
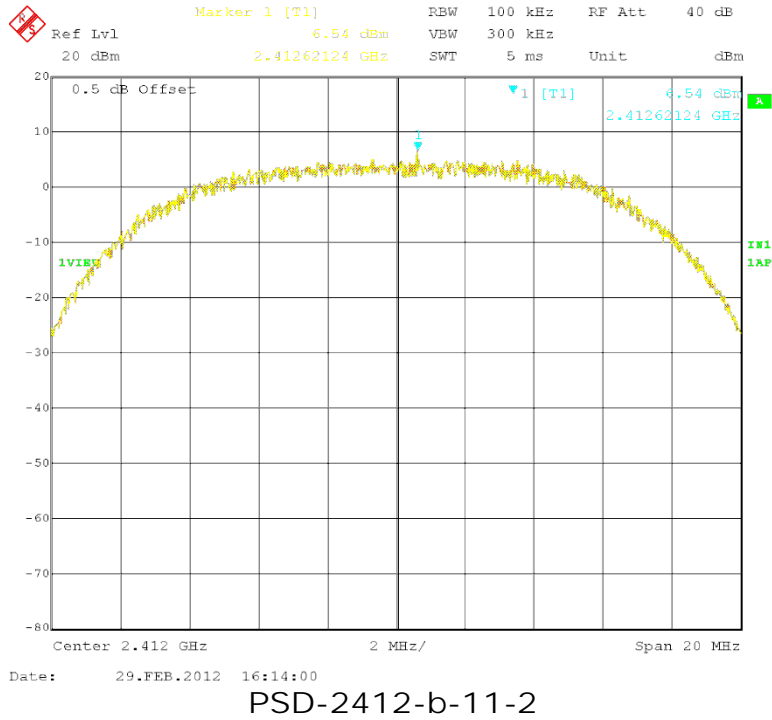
PSD-2437-g-54-1

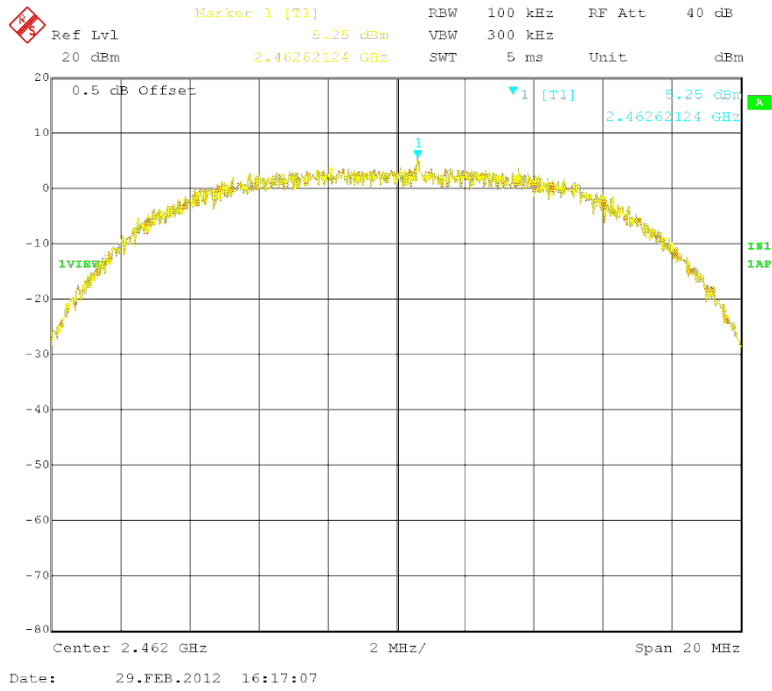


Date: 29.FEB.2012 16:04:28

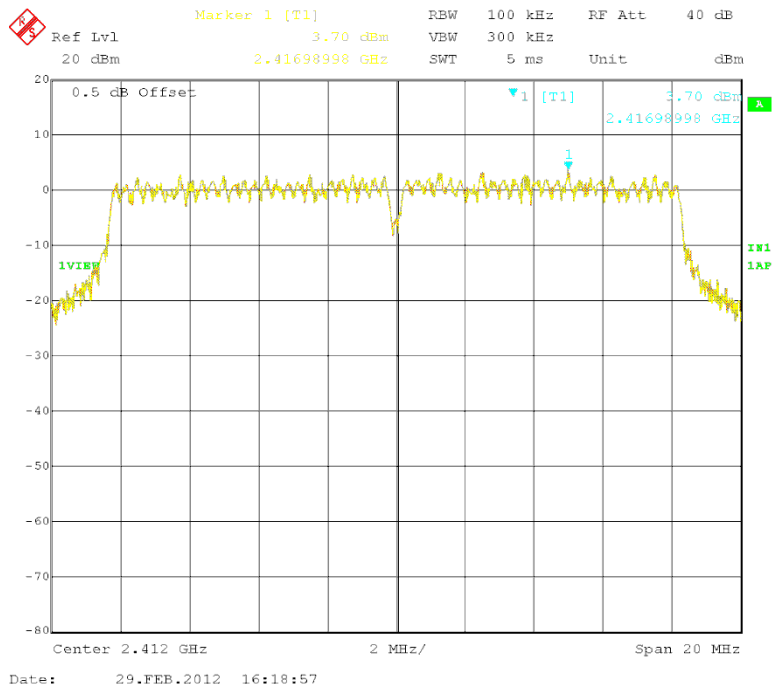
PSD-2462-g-54-1

10.4 Port RF2-1: 2400-2483.5 MHz band; 20 MHz channel

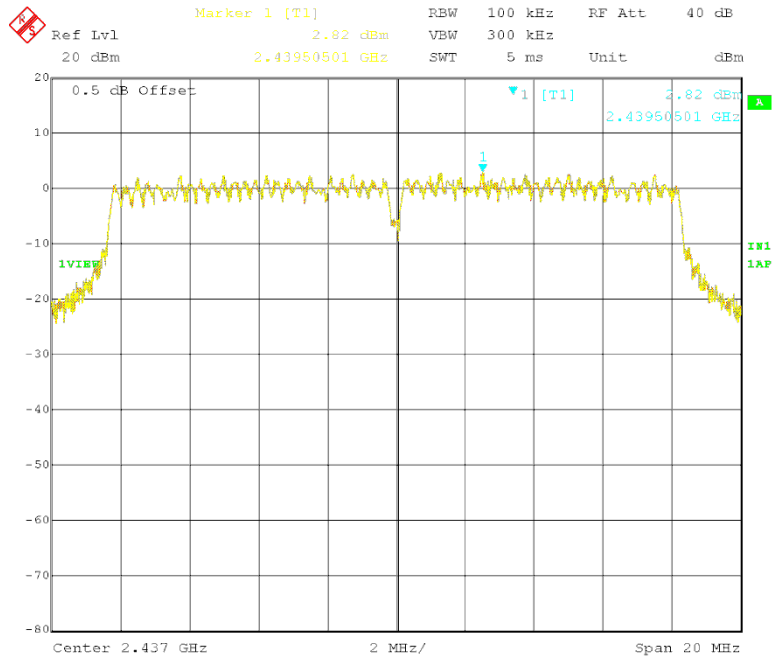




PSD-2462-b-11-2

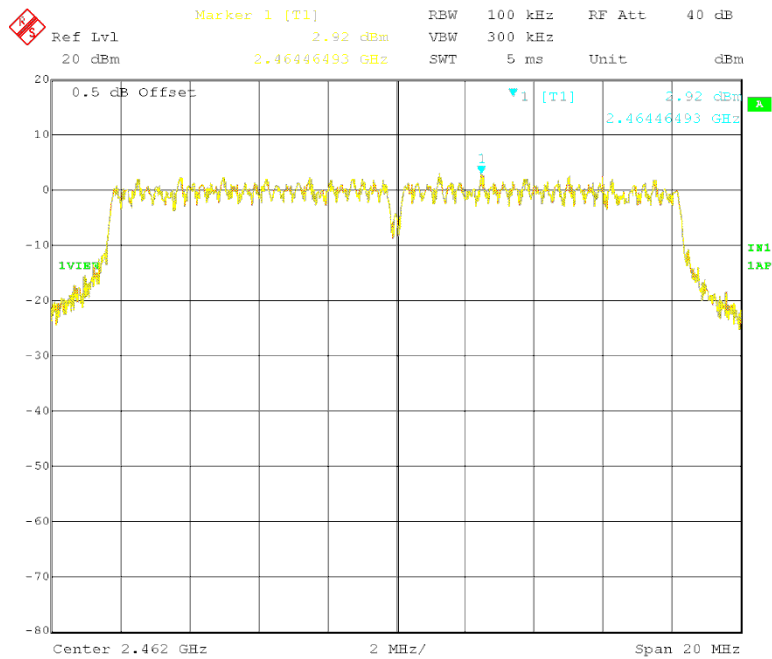


PSD-2412-g-11-2



Date: 29.FEB.2012 16:20:25

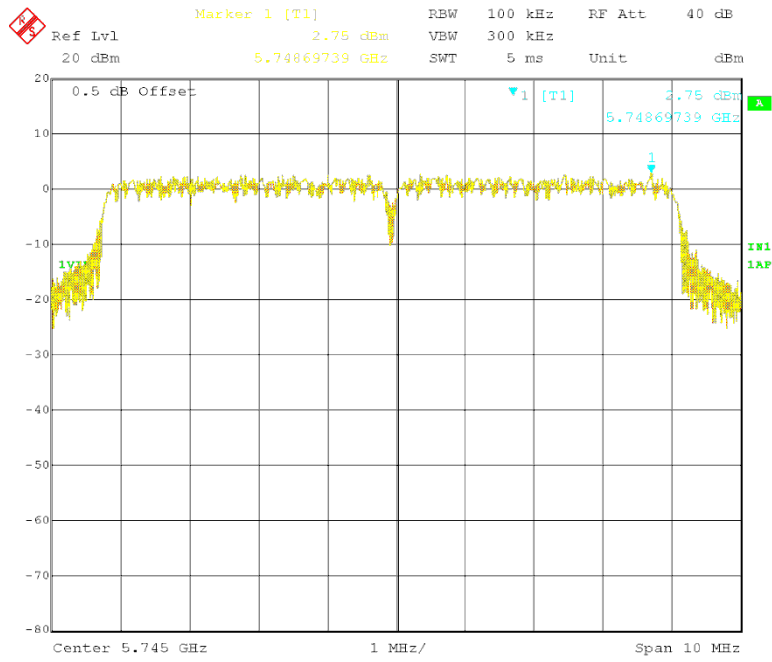
PSD-2437-g-11-2



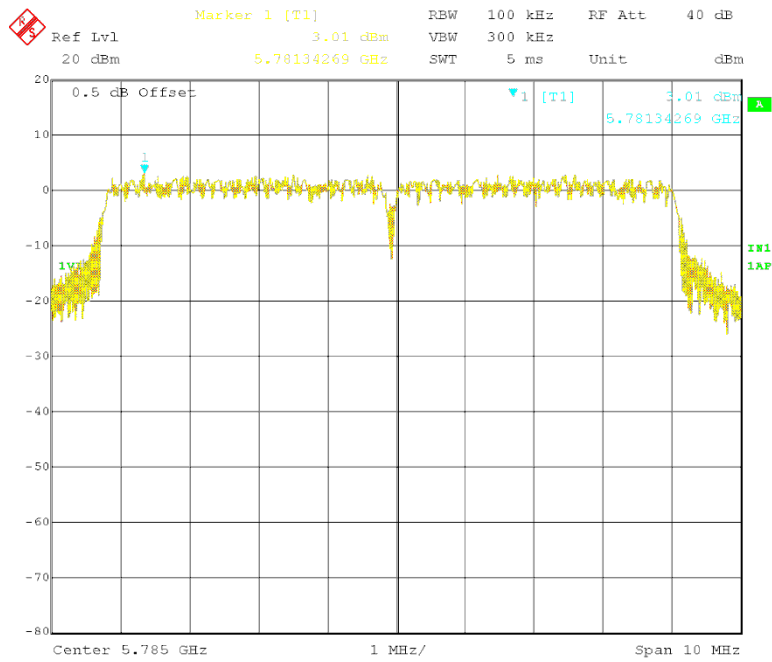
Date: 29.FEB.2012 16:21:55

PSD-2462-g-11-2

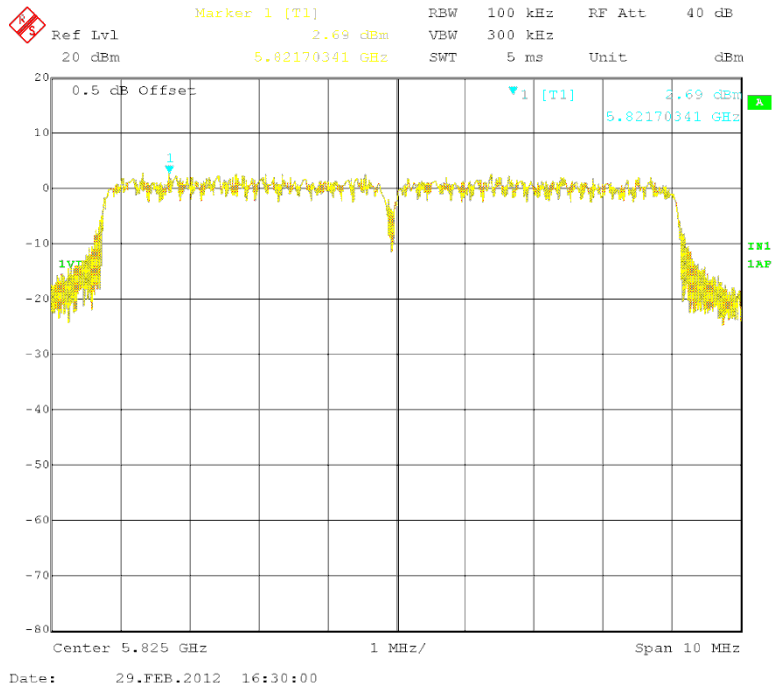
10.5 Port RF1-AUX:



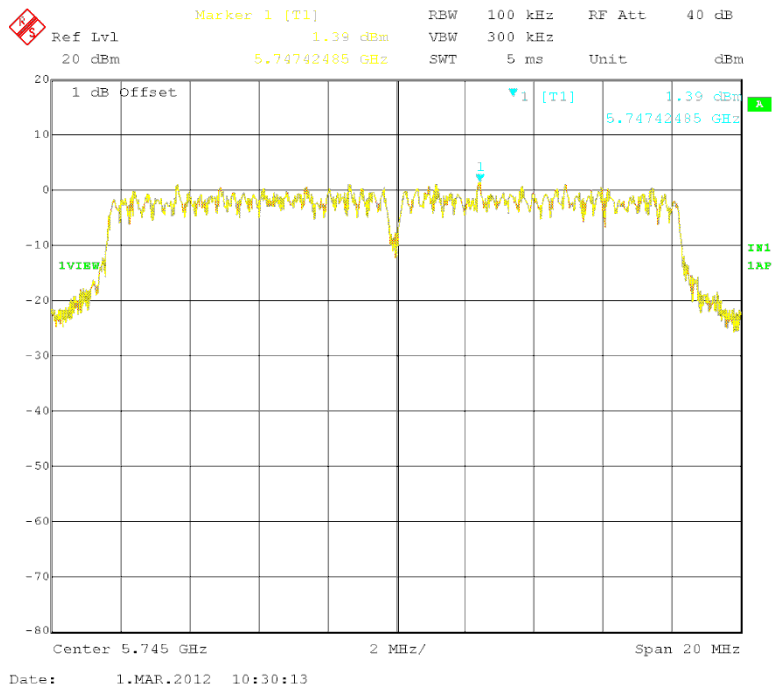
PSD-5745-10-Int



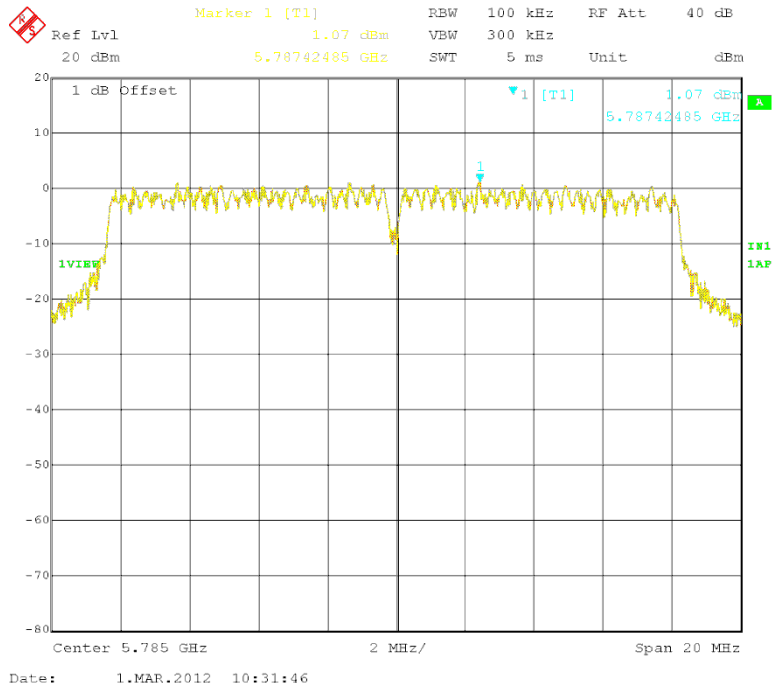
PSD-5785-10-Int



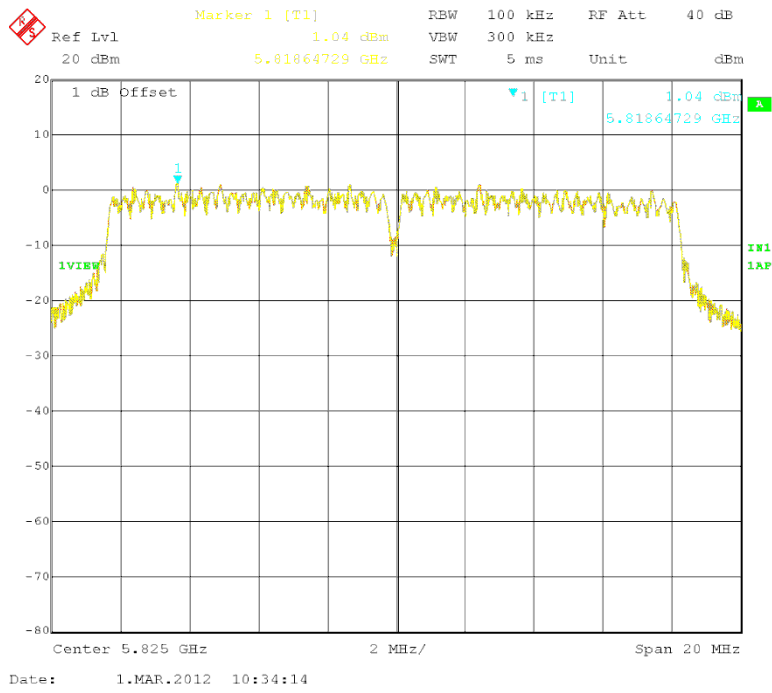
PSD-5825-10-Int



PSD-5745-20-Int



PSD-5785-20-Int

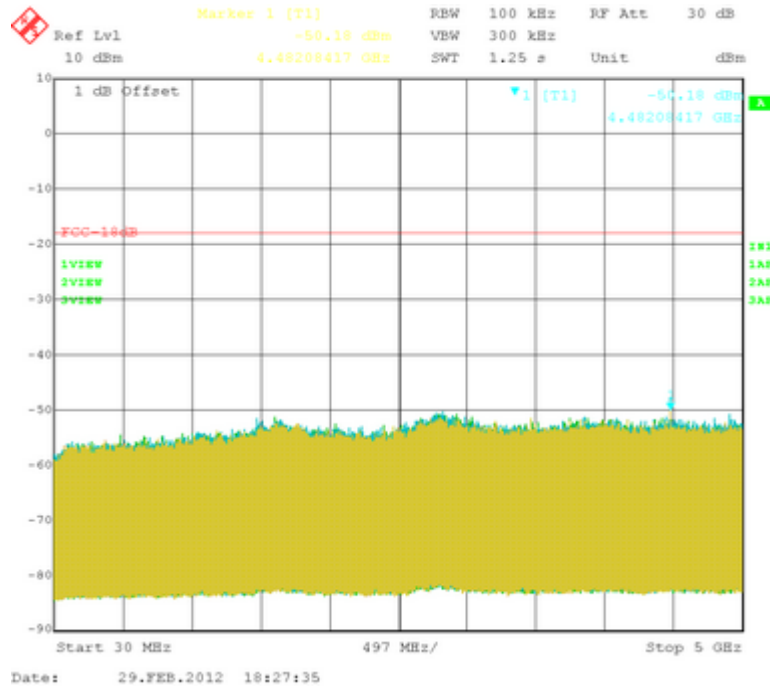


PSD-5825-20-Int

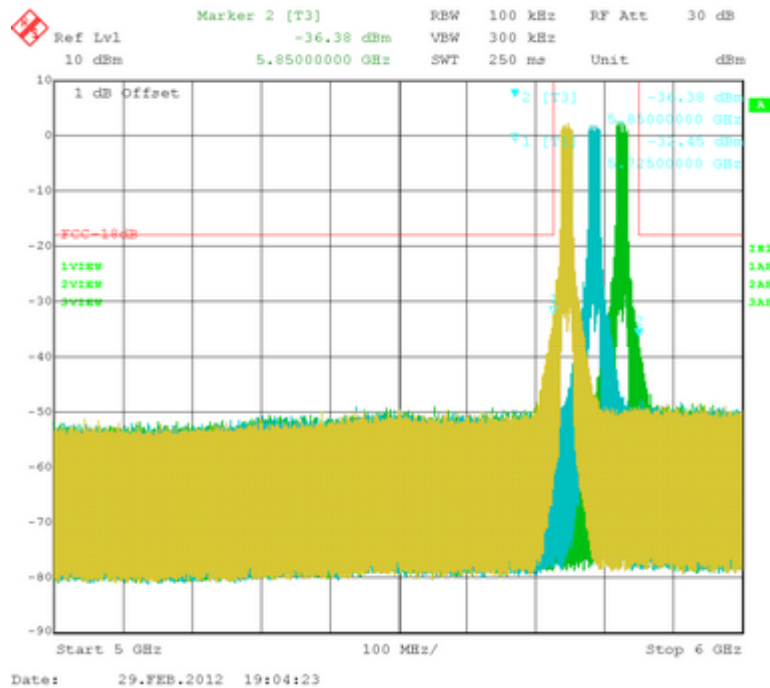
11 Maximum Unwanted Emissions Levels

11.1 Port RF1-1: 5725-5875 MHz band

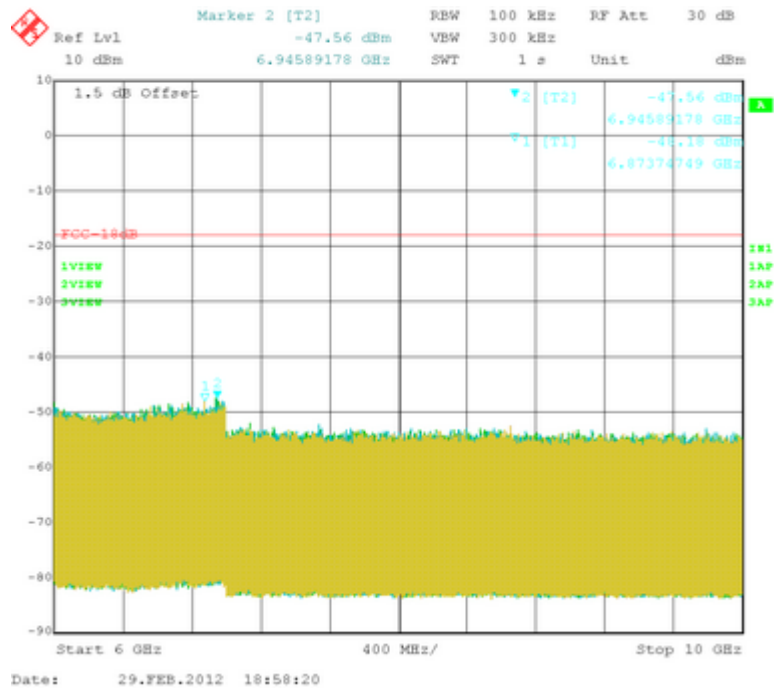
20 MHz Channels



Plot: 802-11a_20M_30-5000

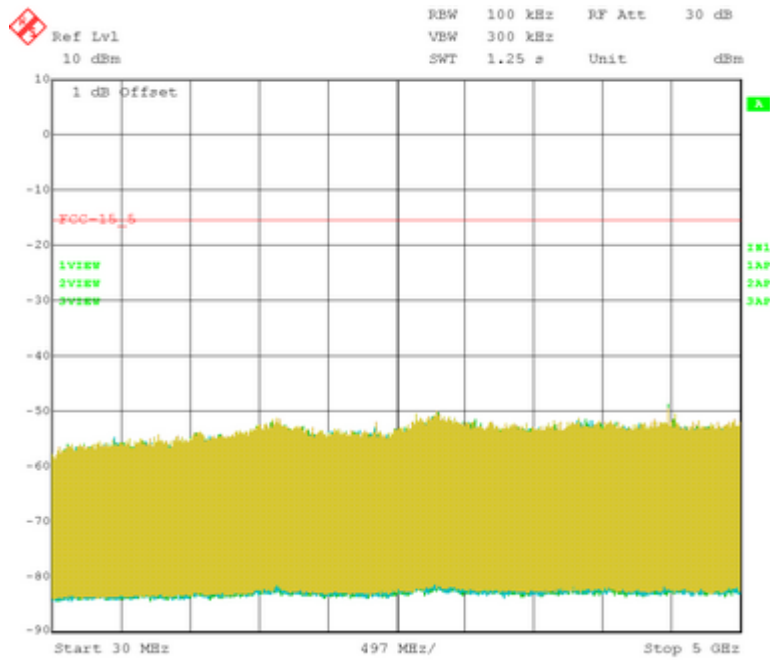


Plot: 802-11a_20M_5000-6000



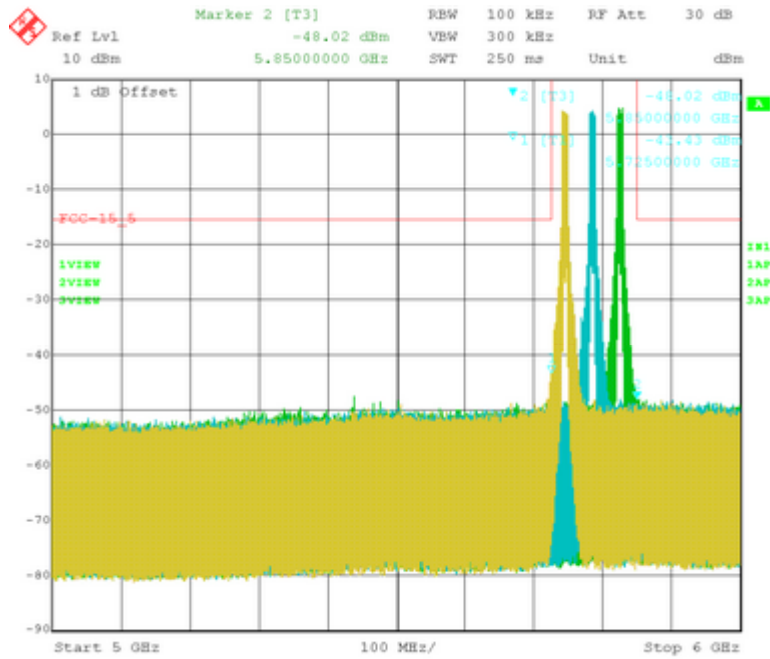
Plot: 802-11a_20M_6000-10000

10 MHz Channels



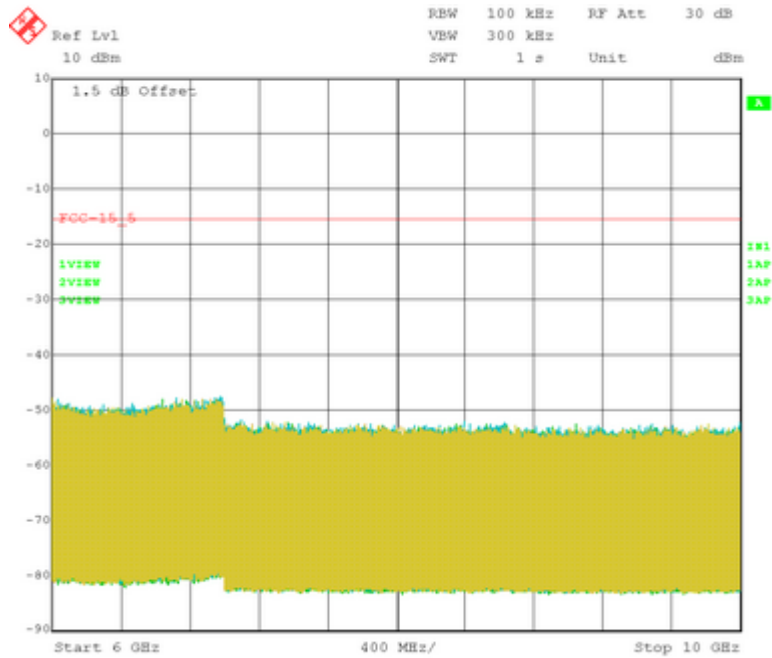
Date: 29.FEB.2012 19:35:29

Plot: 802-11a_10M_1000-5000



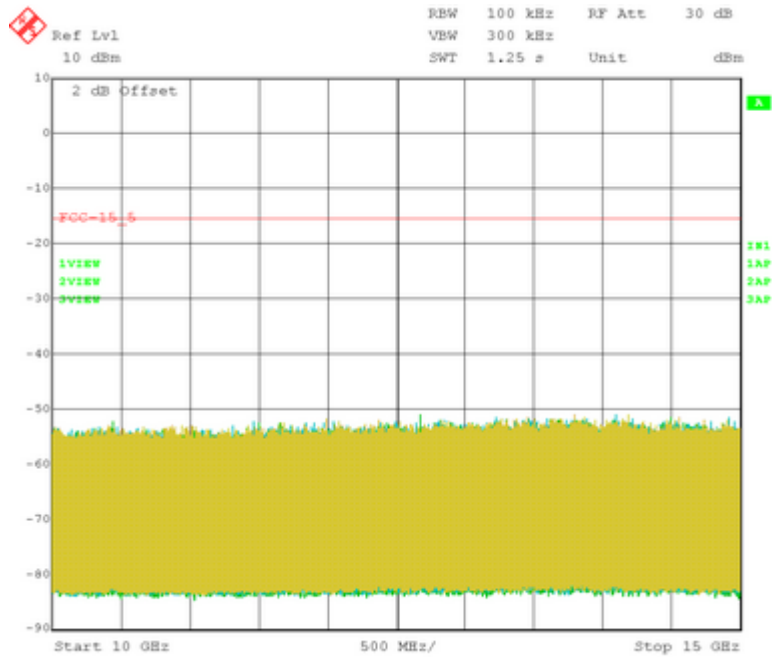
Date: 29.FEB.2012 19:29:35

Plot: 802-11a_10M_5000-6000



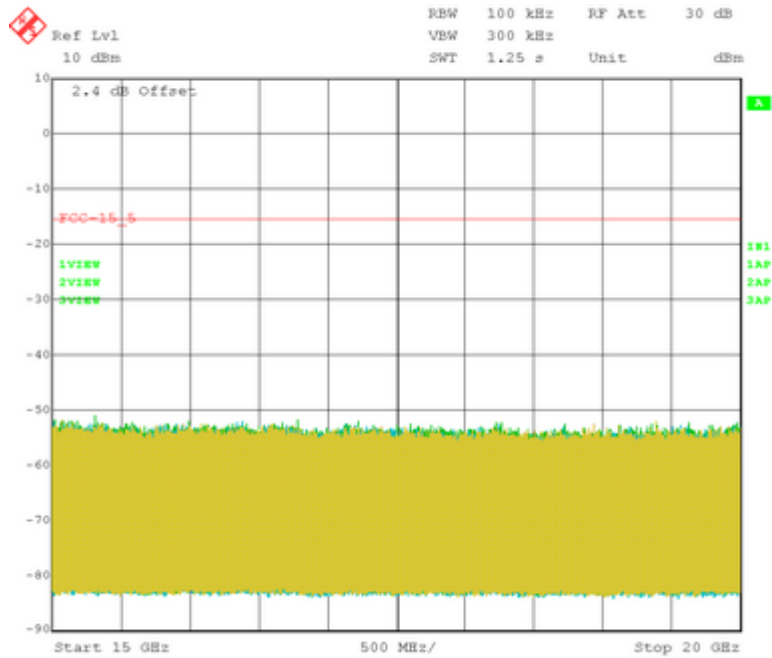
Date: 29.FEB.2012 20:03:57

Plot: 802-11a_10M_6000-10000



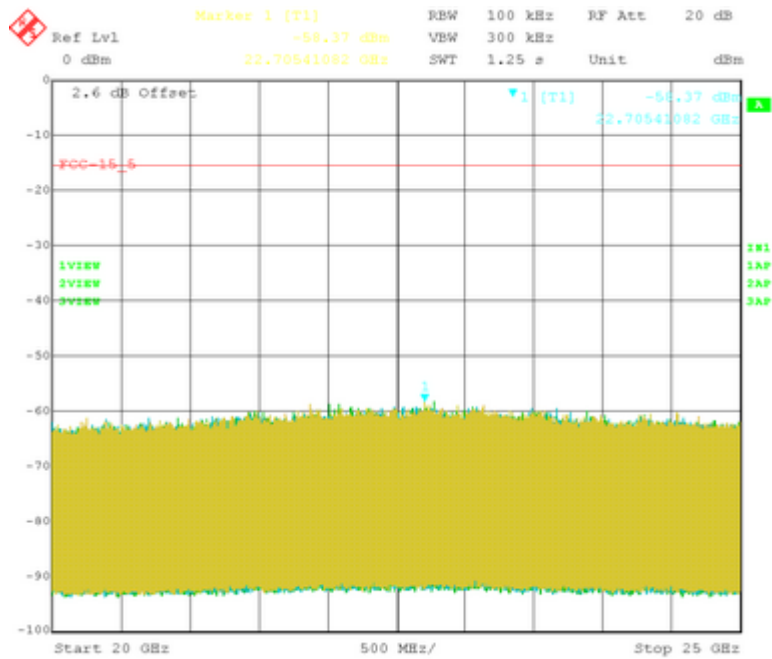
Date: 29.FEB.2012 20:08:36

Plot: 802-11a_10M_10000-15000



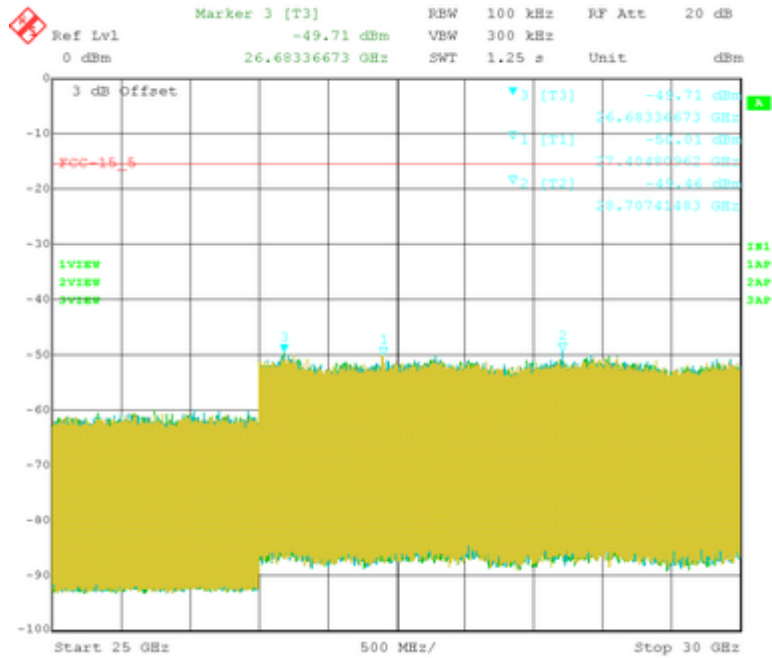
Date: 29.FEB.2012 20:12:41

Plot: 802-11a_10M_15000-20000



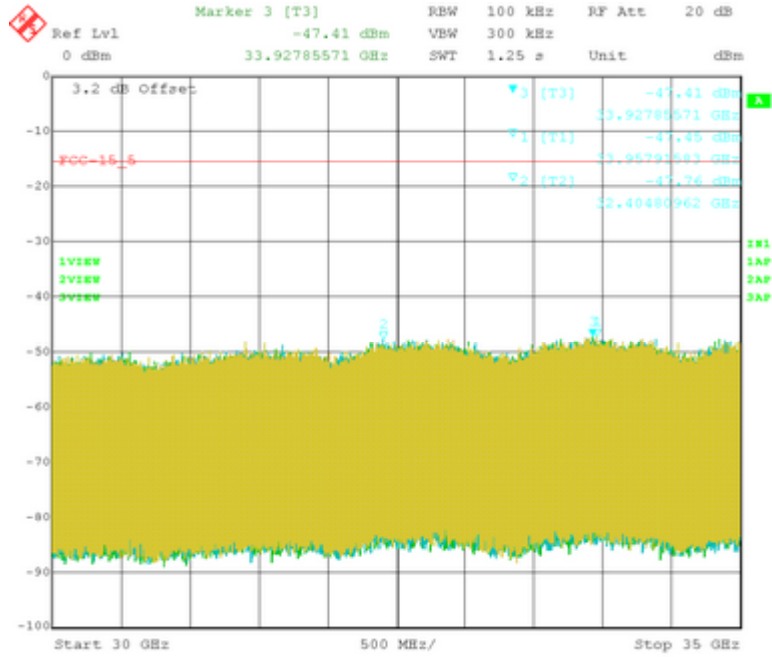
Date: 1.MAR.2012 09:55:01

Plot: 802-11a_10M_20000-25000



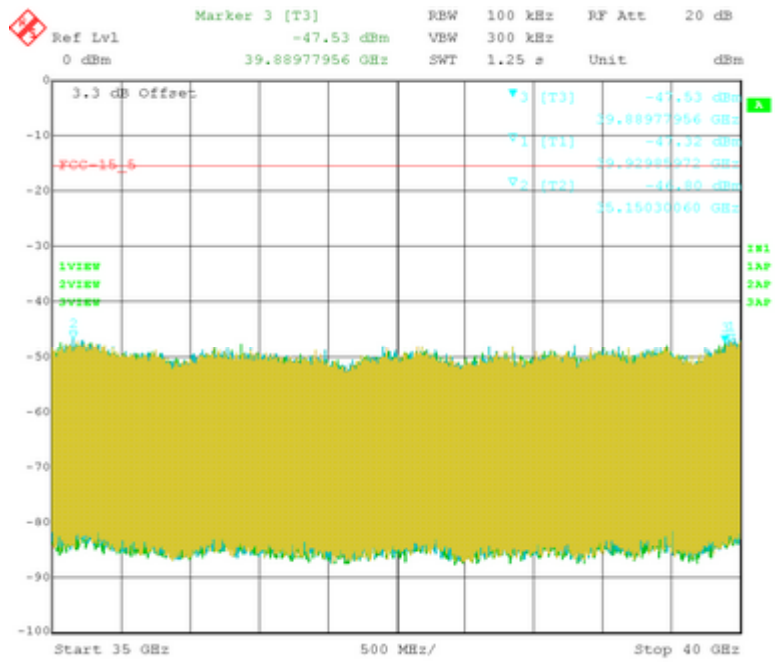
Date: 1.MAR.2012 10:06:06

Plot: 802-11a_10M_25000-30000



Date: 1.MAR.2012 10:10:39

Plot: 802-11a_10M_30000-35000



Date: 1.MAR.2012 10:14:37

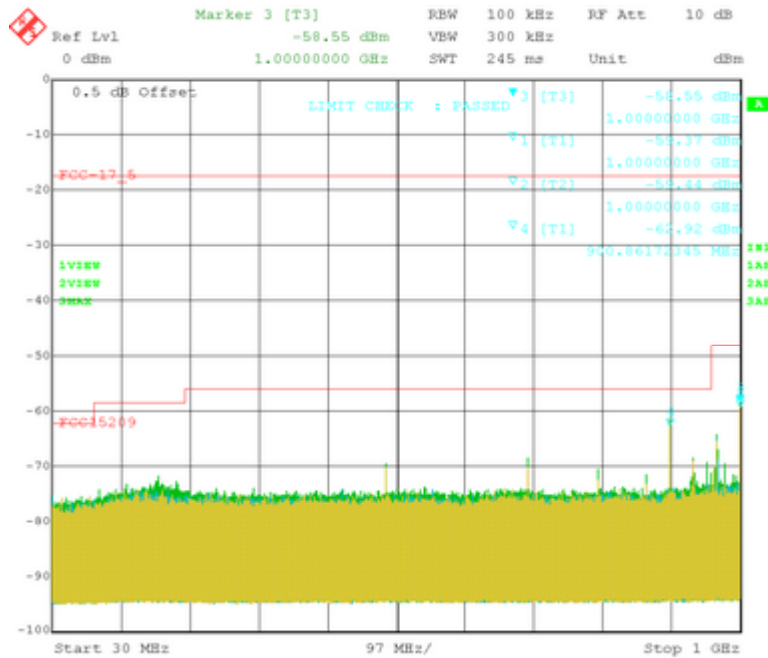
Plot: 802-11a_10M_35000-40000

11.2 Port RF2-1: 5725-5875 MHz band

No measurements made

11.3 Port RF1-1: 2400-2483.5 MHz band; 20 MHz channel

802.11b operation Channels



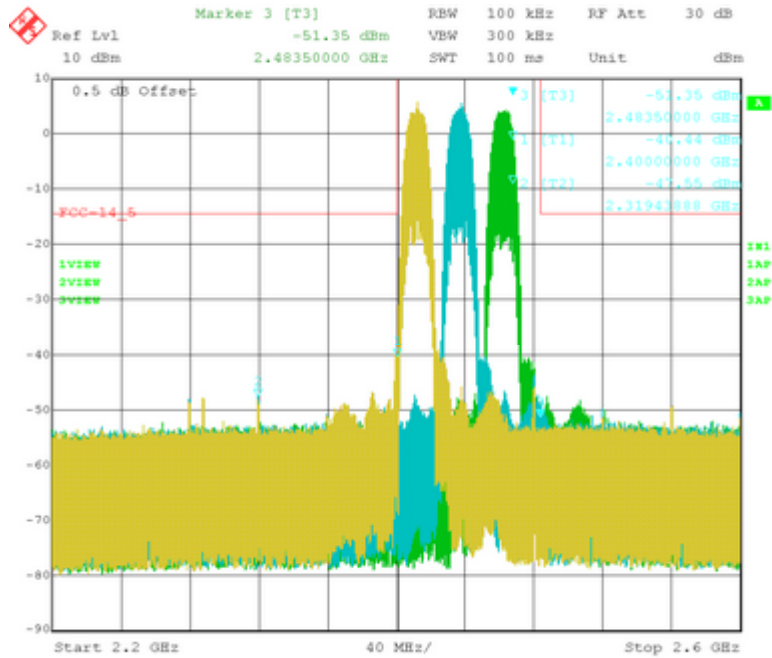
Date: 1.MAR.2012 16:55:13

Plot: RB_802-11b_30-1000



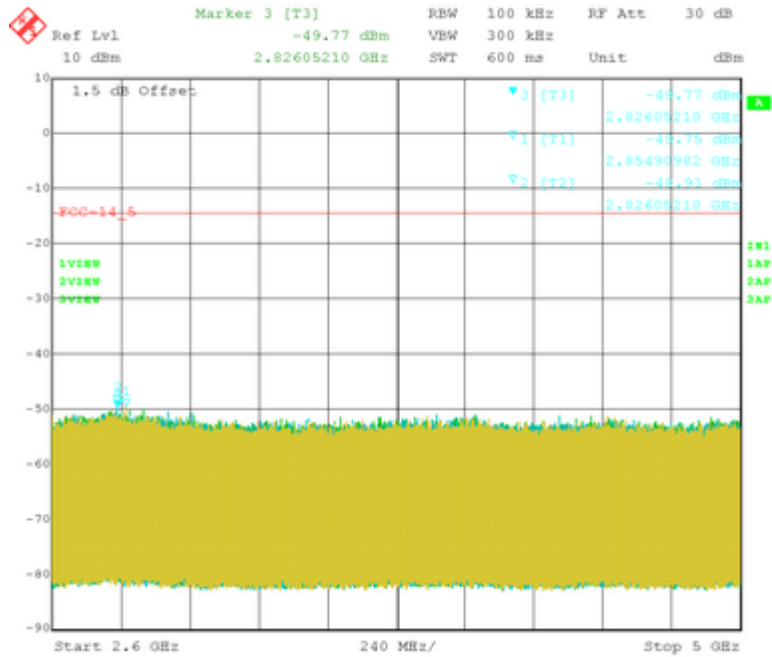
Date: 1.MAR.2012 22:51:22

Plot: 802-11b_1000-2200



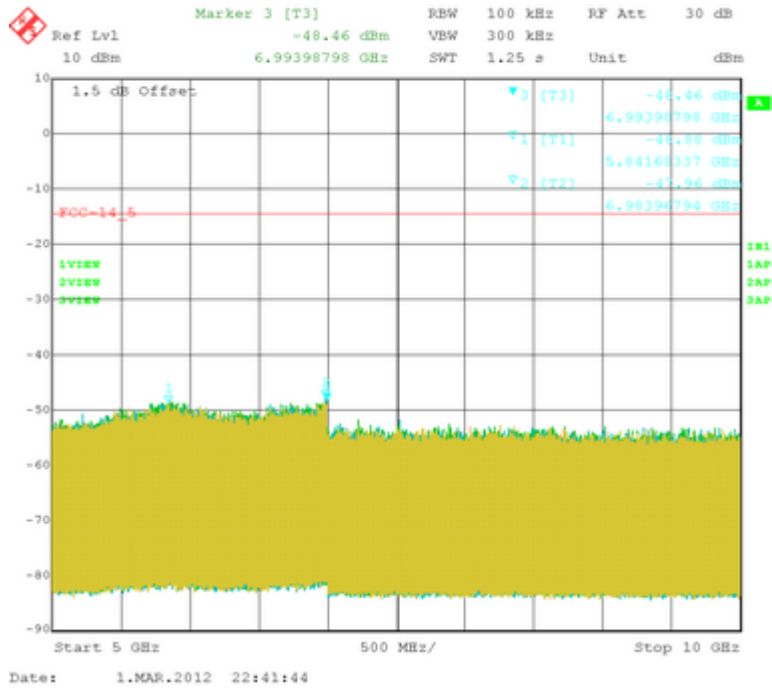
Date: 1.MAR.2012 15:52:33

Plot: 802-11b_2200-2600

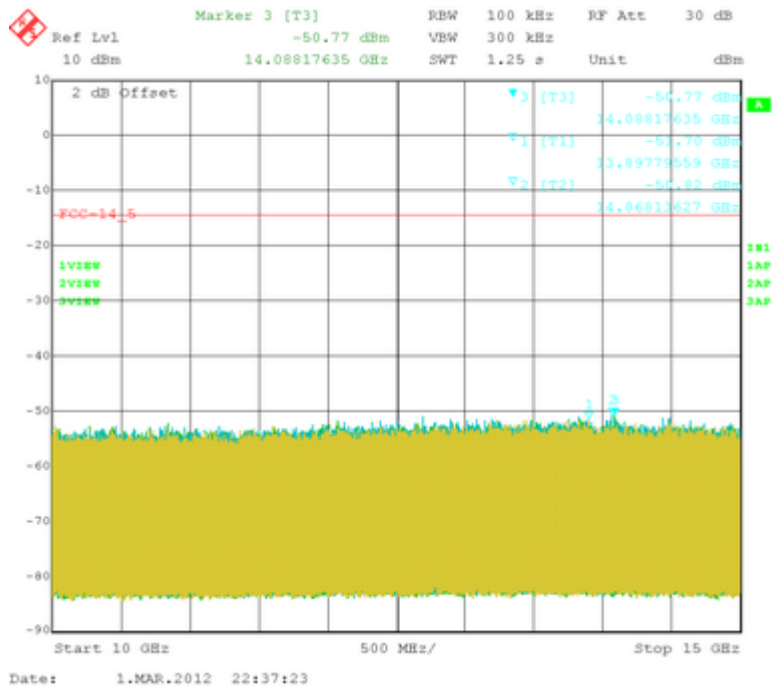


Date: 1.MAR.2012 22:46:42

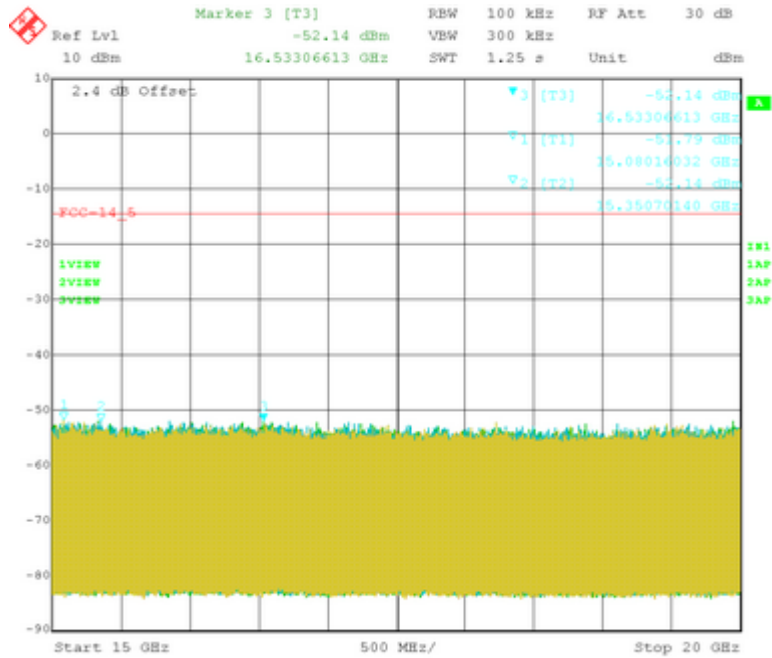
Plot: 802-11b_2600_5000



Plot: 802-11b_5000-10000

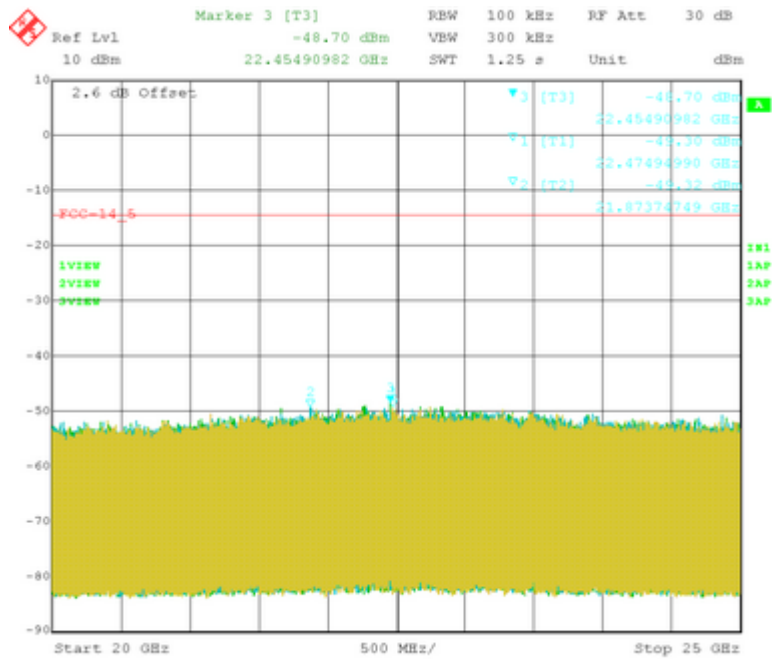


Plot: 802-11b_10000-15000



Date: 1.MAR.2012 19:14:15

Plot: 802-11b_15000-20000

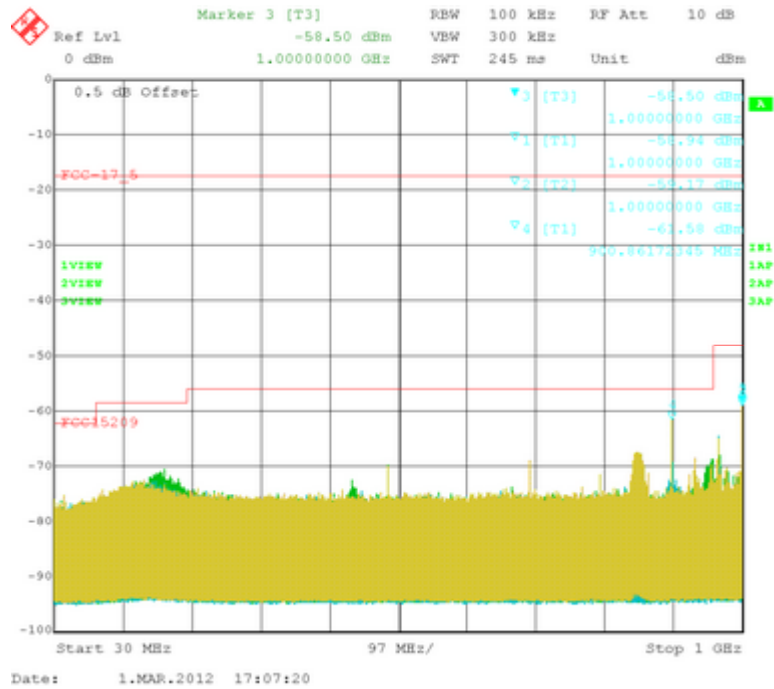


Date: 1.MAR.2012 19:10:22

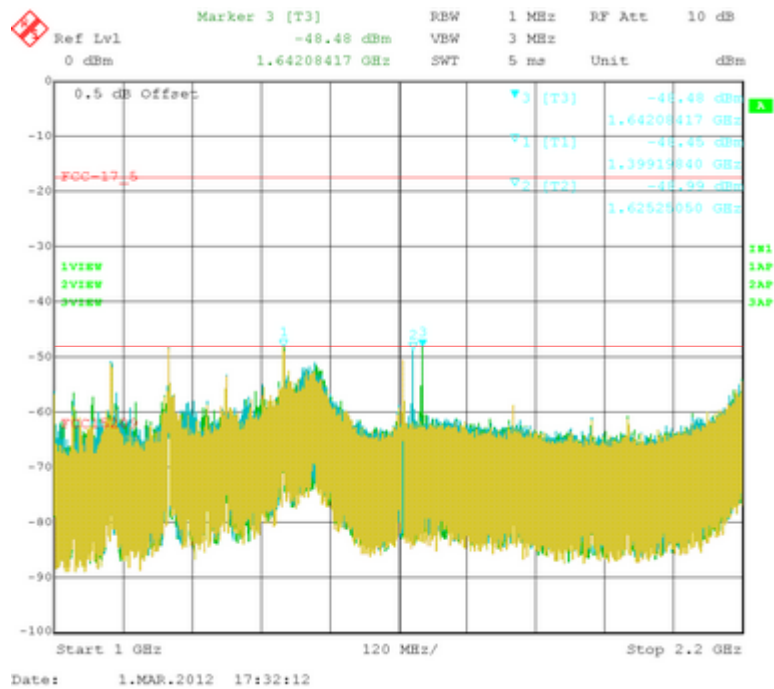
Plot: 802-11b_20000-25000

802.11g operation Channels

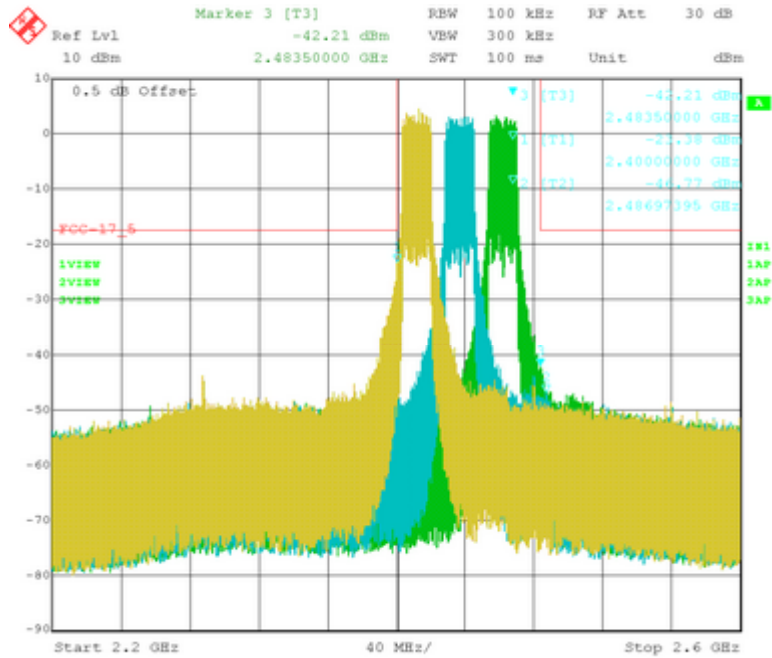
Emissions measurements made against an out-of-band emissions limit of -17.5 dBm



Plot: RB_802-11g_30-1000

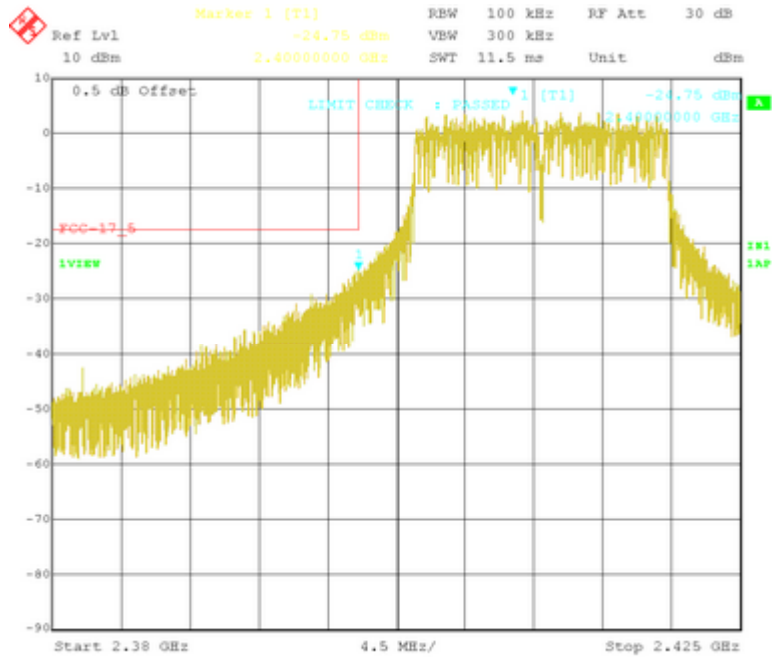


Plot: RB_802-11g_1000-2200_PK



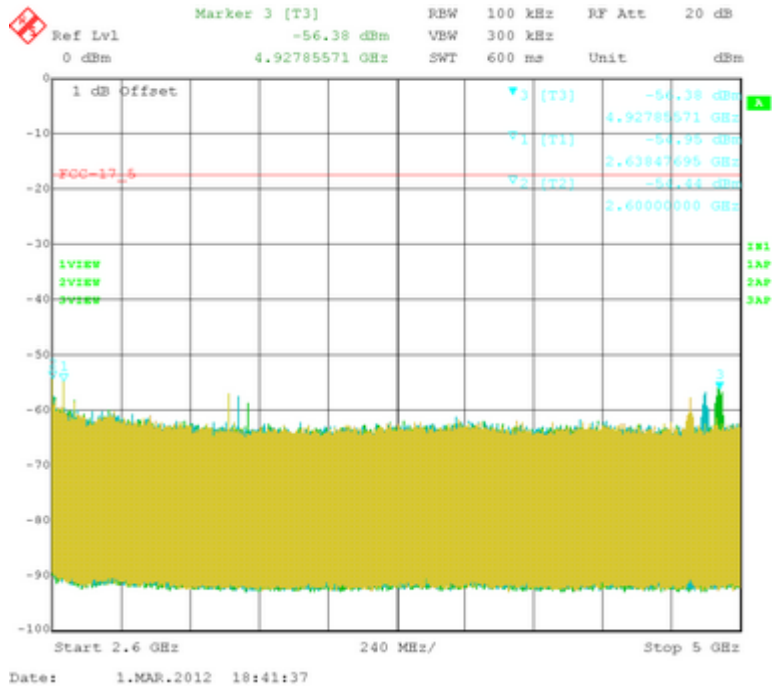
Date: 1.MAR.2012 16:04:18

Plot: 802-11g_2200-2600

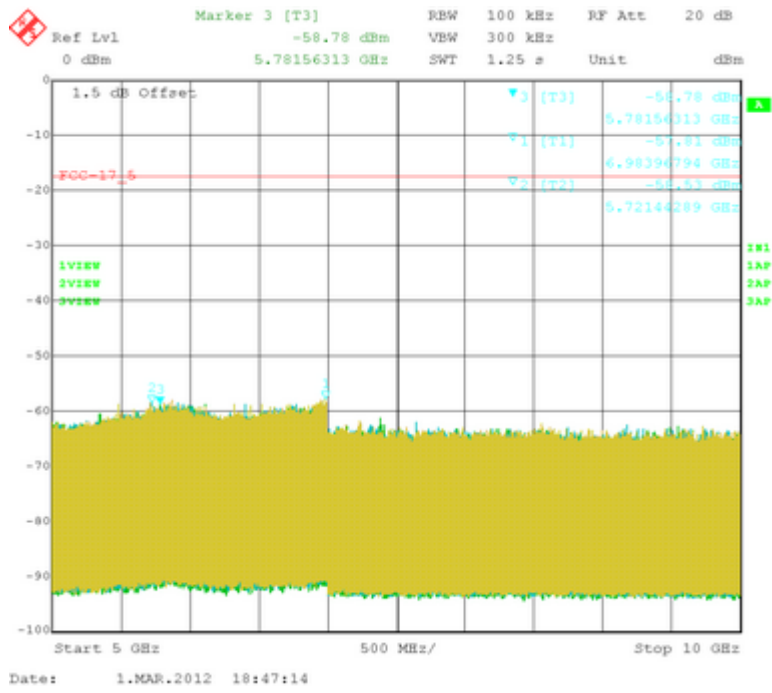


Date: 1.MAR.2012 16:08:37

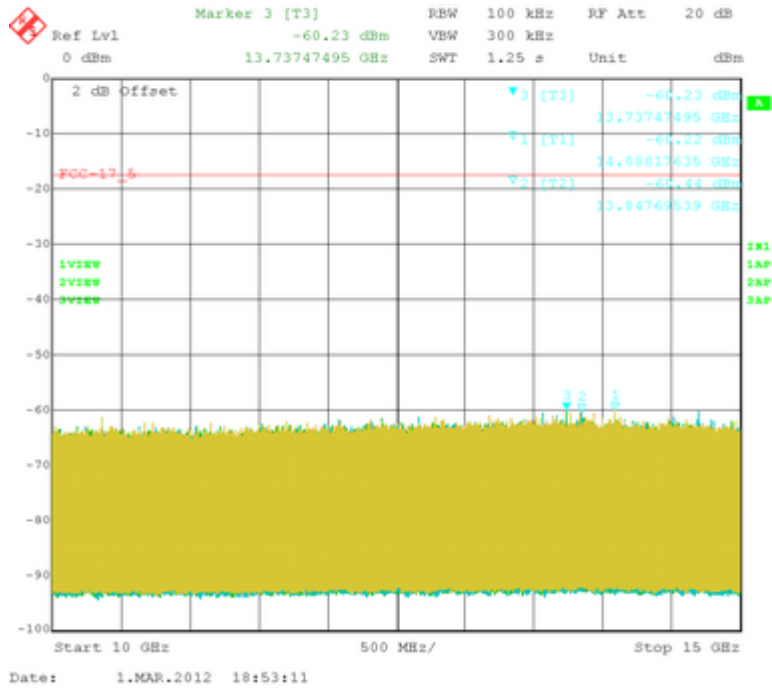
Plot: 802-11g_2380-2425



Plot: 802-11g_2600-5000



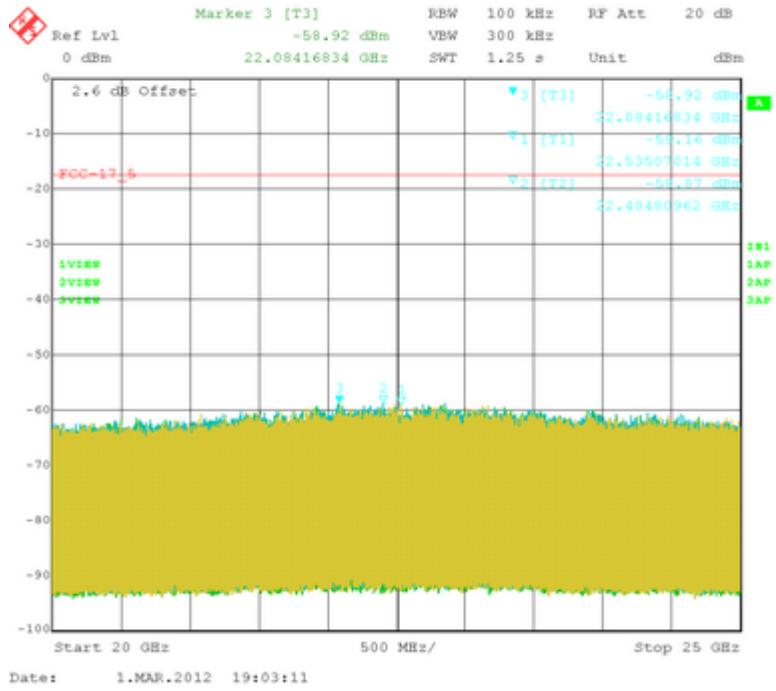
Plot: 802-11g_5000-10000



Plot: 802-11g_10000-15000



Plot: 802-11g_15000-20000



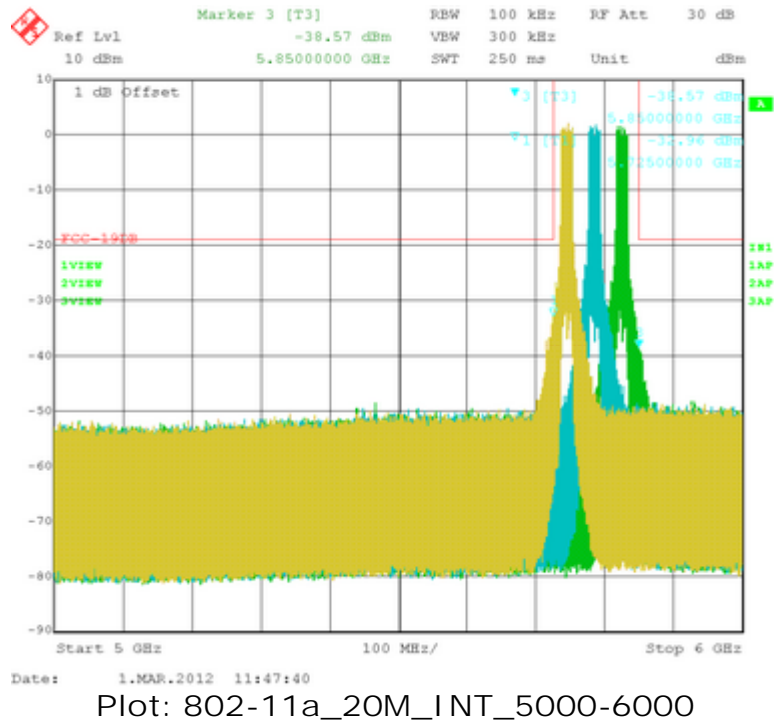
Plot: 802-11g_20000-25000

11.4 Port RF2-1: 2400-2483.5 MHz band; 20 MHz channel

No measurements made

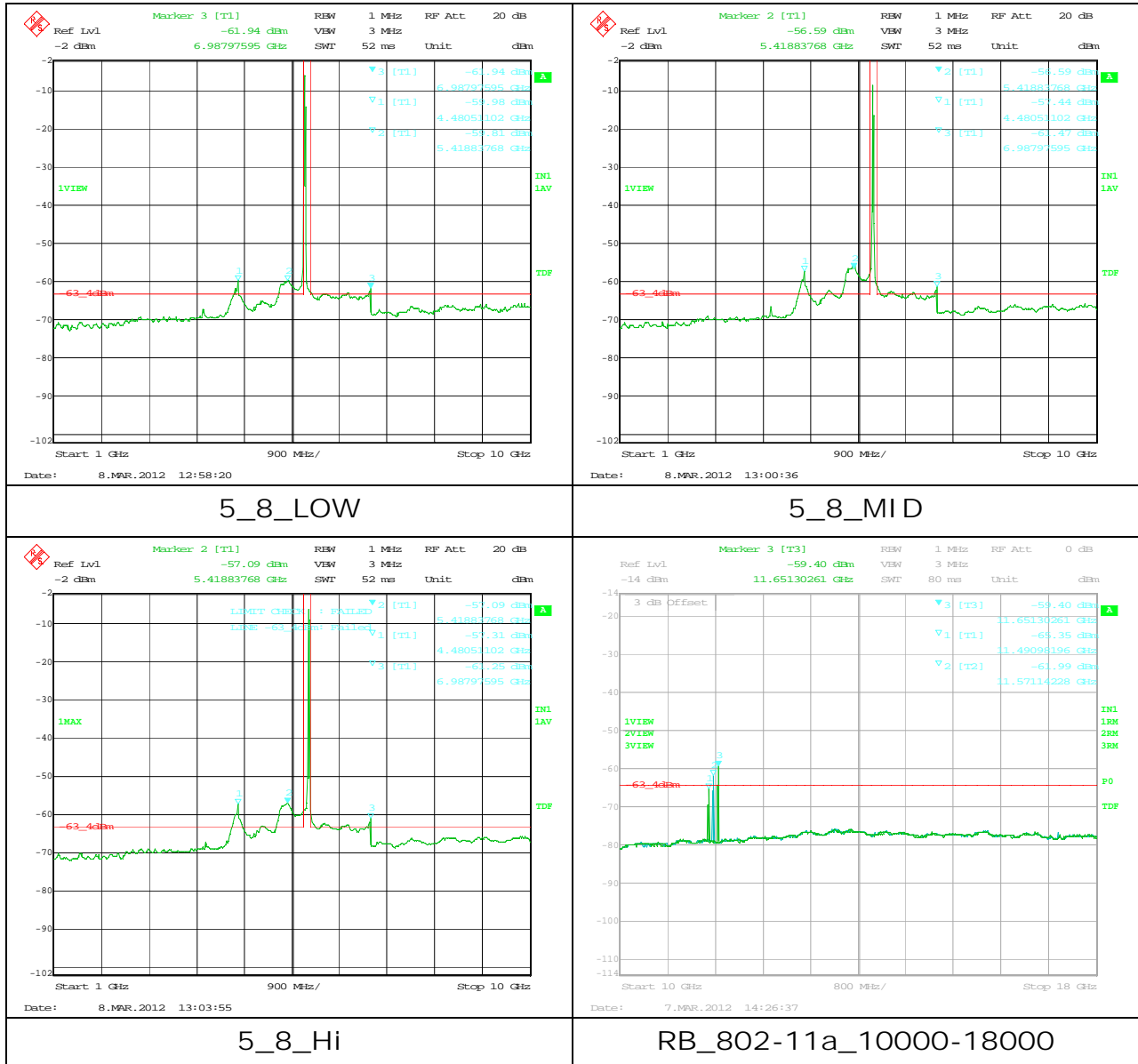
11.5 Port RF1-AUX:

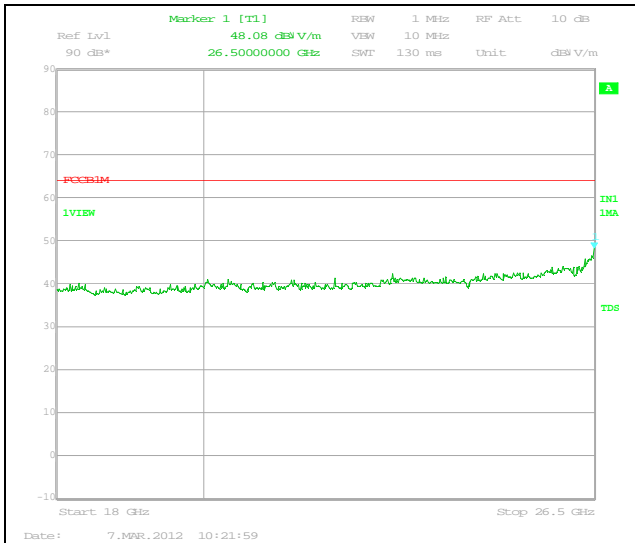
20 MHz Channels



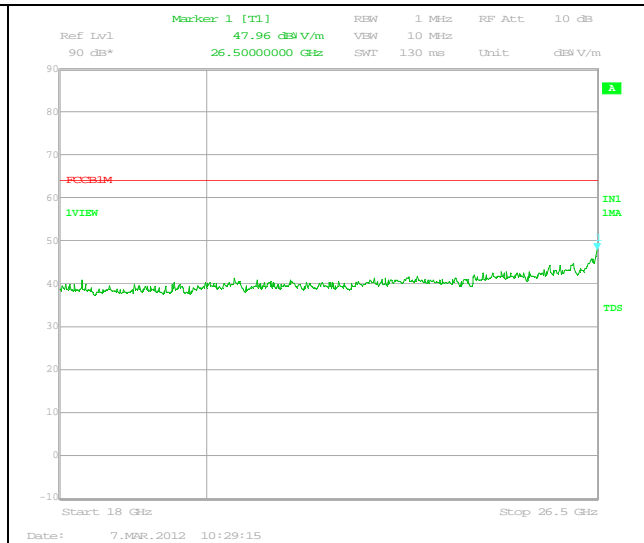
12 Maximum Unwanted Emissions Levels – Restricted Band

12.1 Port RF1-1:802.11a; Restricted Band





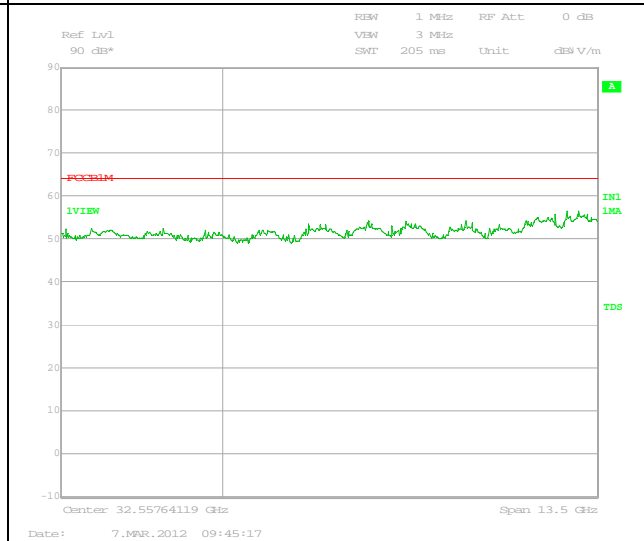
26Glow



26Gmid



26Ghigh



40Glow

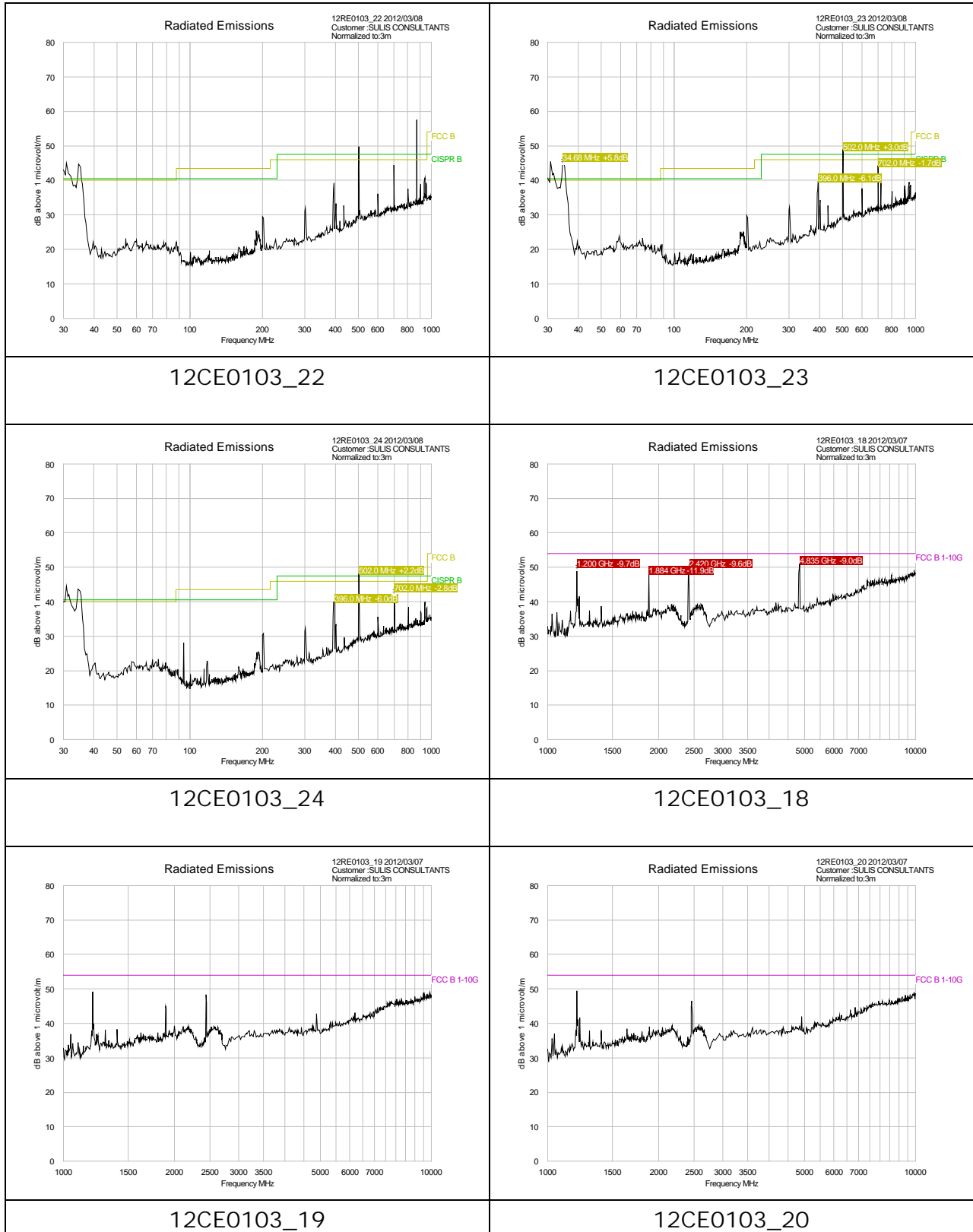


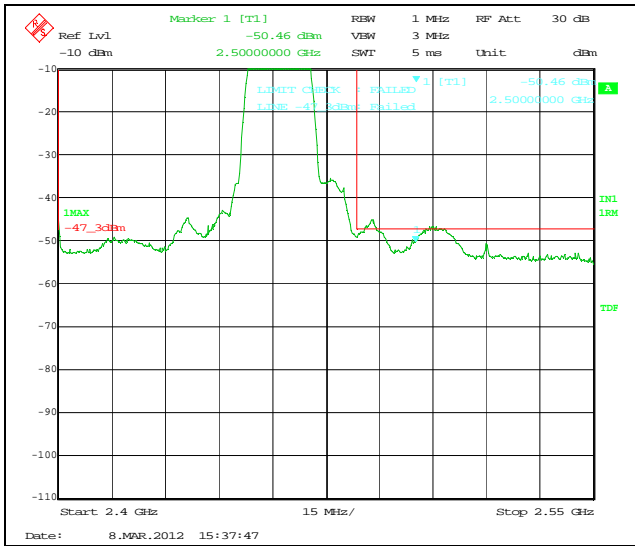
40Gmid



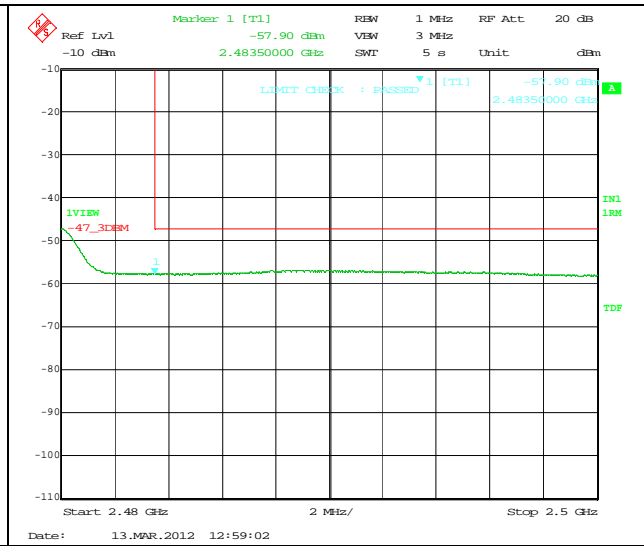
40Ghigh

12.2 Port RF1-2:802.11b; external 6dBi antenna

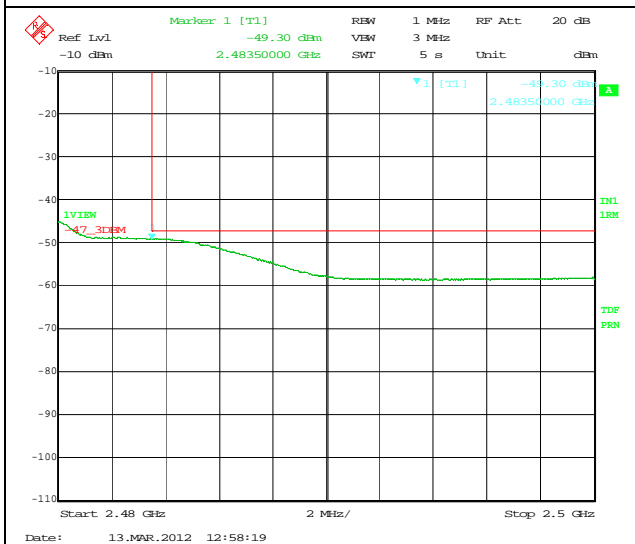




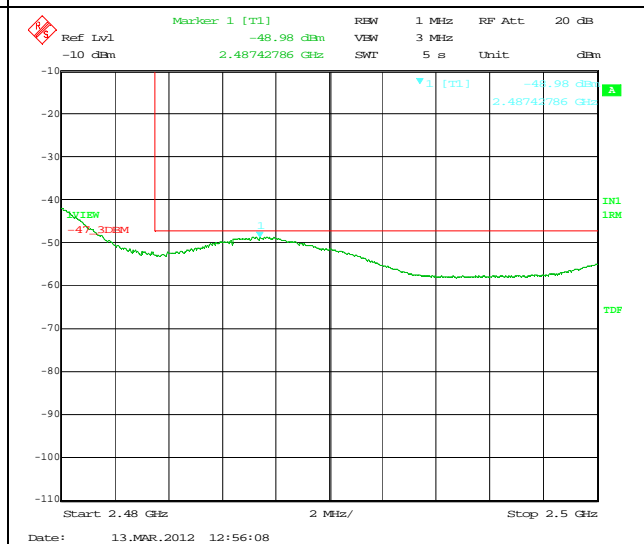
801B_TOP



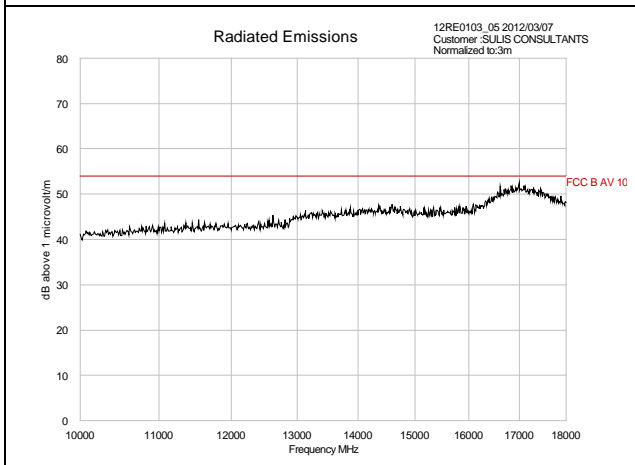
801B0118



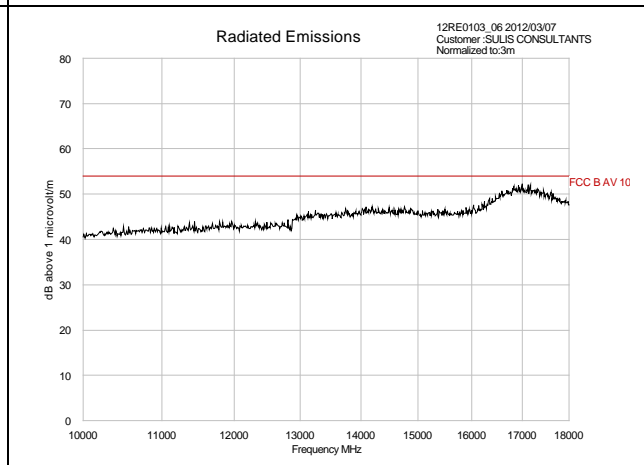
801B0618



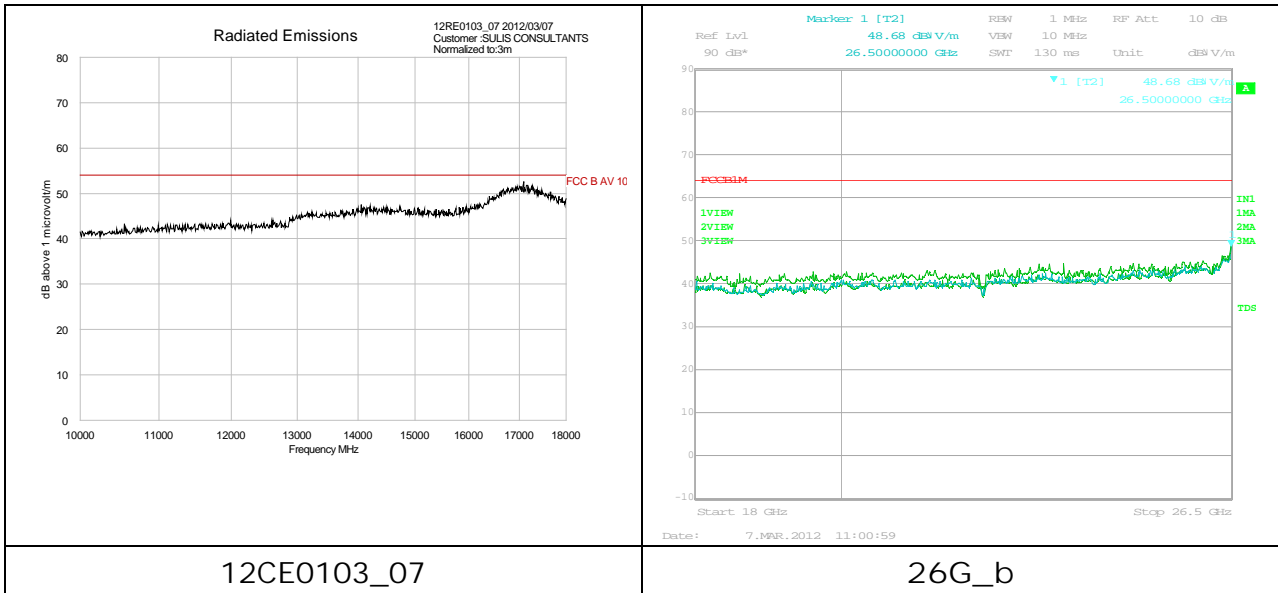
801B1118



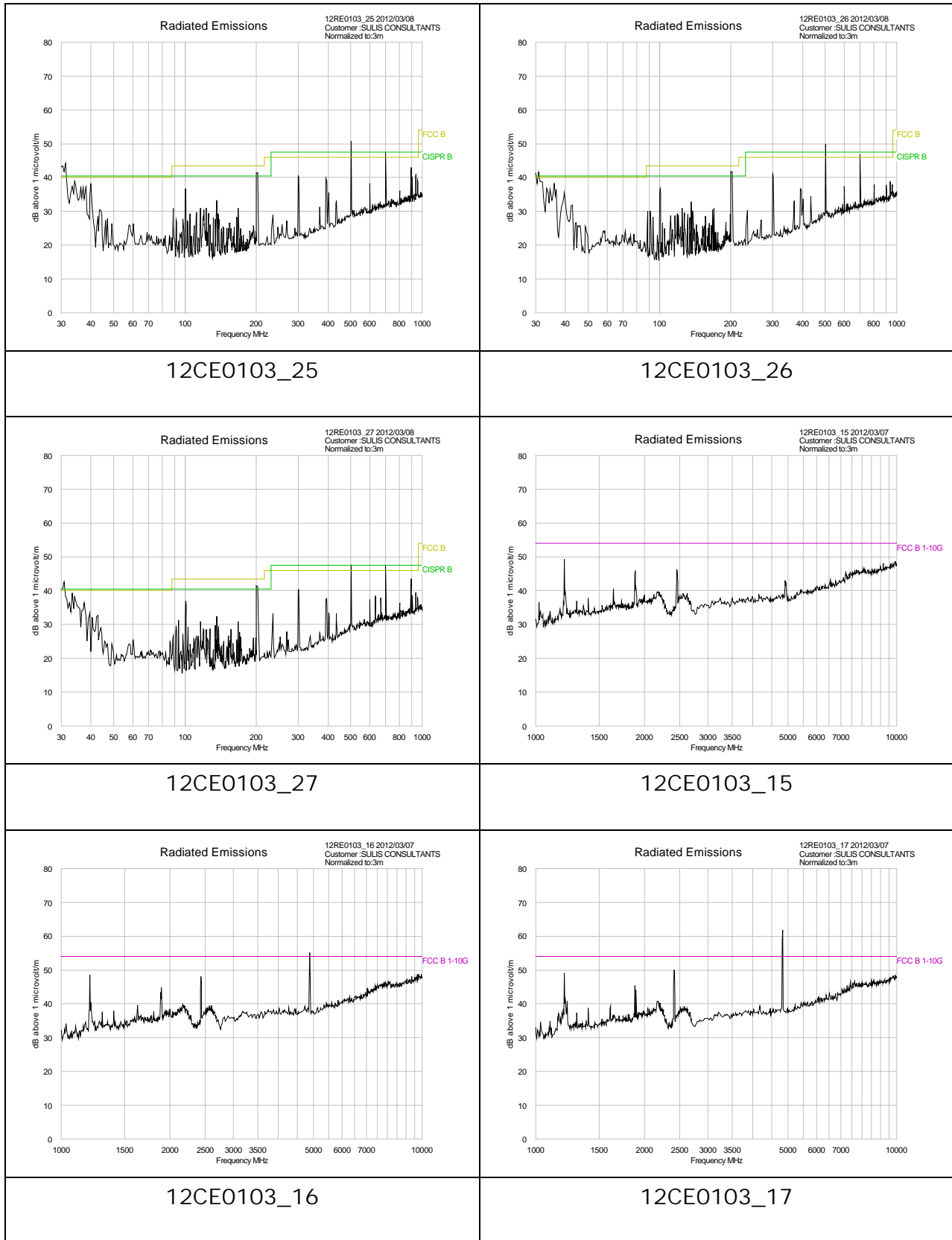
12CE0103_05

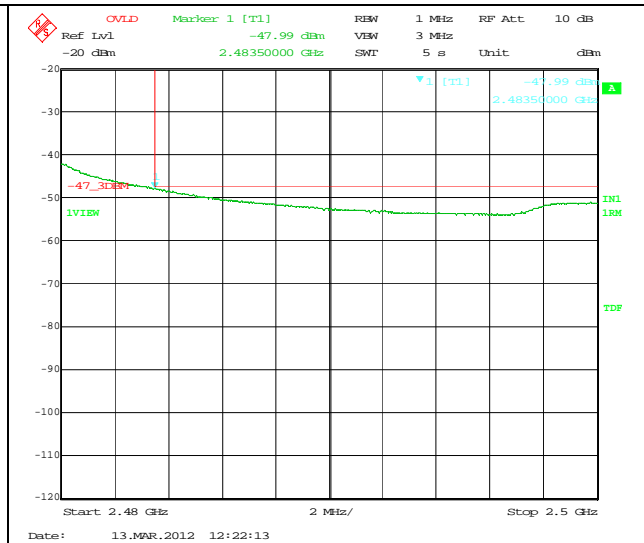
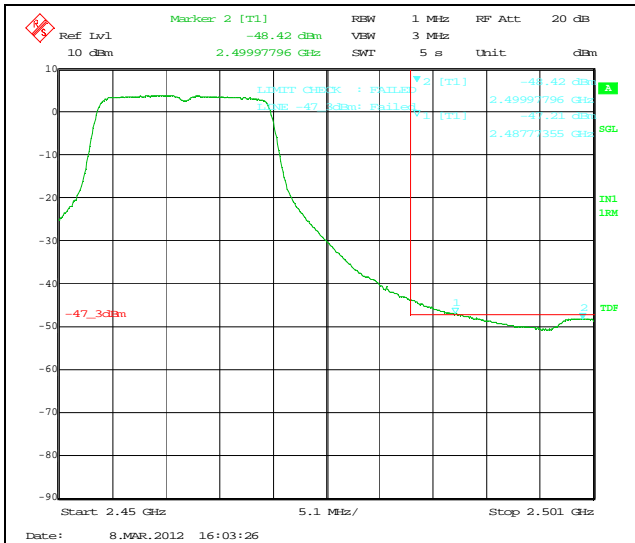


12CE0103_06



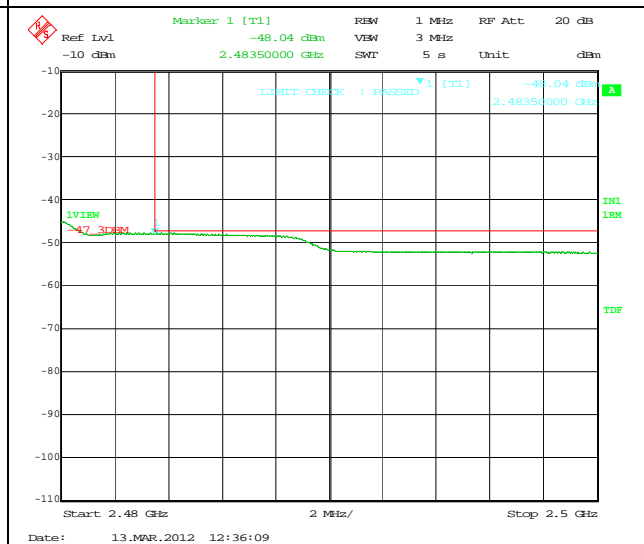
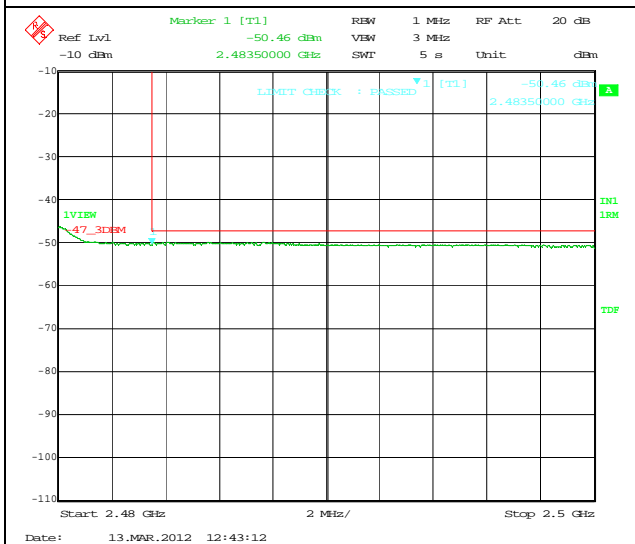
12.3 Port RF1-2:802.11g; Restricted Band





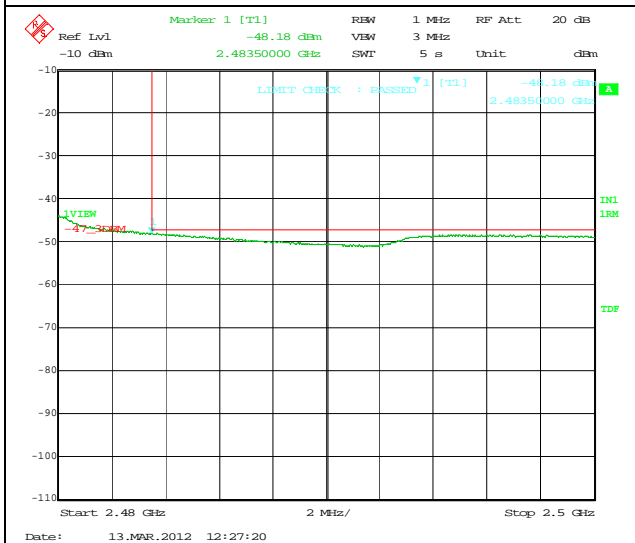
801G_TP2

801GTP13



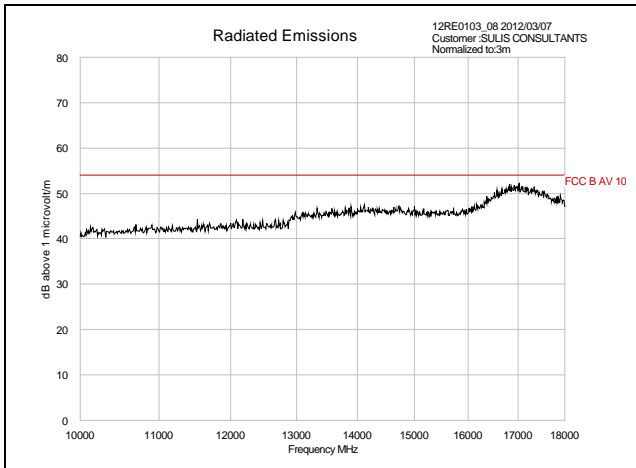
801G0117

801G0617

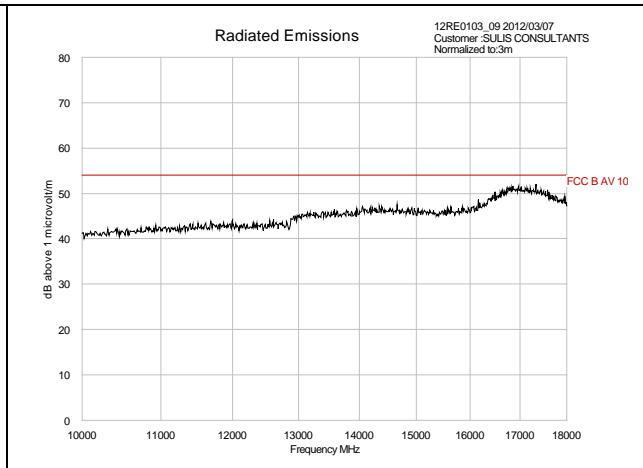


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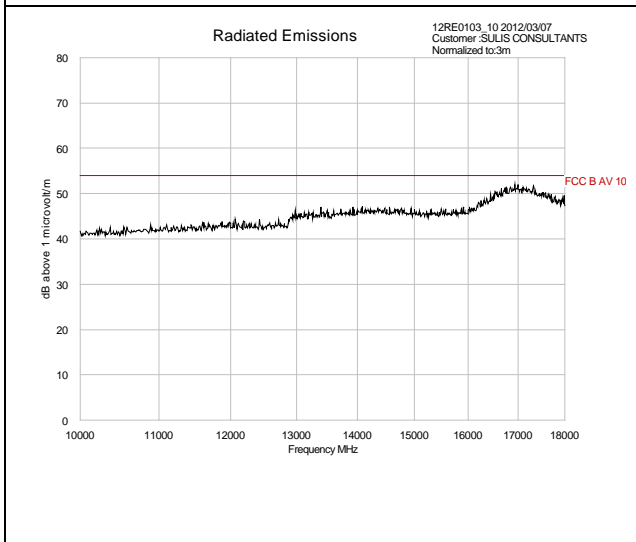
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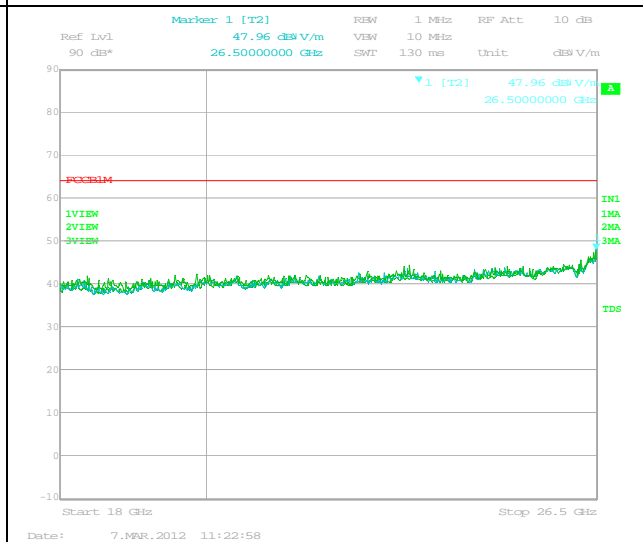
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26G_g