

Compliance Lab Data Summary



Qualcomm GCK-1410 Hands Free Car Kit for MES used on the Globalstar System

Annex A - Conducted Test Data

Time	Test Name	Test #	Test Description	Fwd Chnl	Rev Chnl	Low	Actual	High Units	Temp Volts	Status
3/22/00 1:17:10 PM	Equipment Identity	ETSI TBR 041 p10	Anritsu=310006195975454 UTDM=310006195975454	63	4	0	0	0 MSID	25.00 °C 10.50 V	
3/22/00 1:17:10 PM	Equipment Identity	ETSI TBR 041 p10	Anritsu=B30931B2 UTDM=B30931B2	63	4	0	0	0 ESN	25.00 °C 10.50 V	
3/22/00 12:25:47 PM	Equipment Identity	ETSI TBR 041 p10	Anritsu=310006195975454 UTDM=310006195975454	63	4	0	0	0 MSID	25.00 °C 16.00 V	
3/22/00 12:25:48 PM	Equipment Identity	ETSI TBR 041 p10	Anritsu=B30931B2 UTDM=B30931B2	63	4	0	0	0 ESN	25.00 °C 16.00 V	
3/22/00 1:17:32 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	4	-50	-19.46703	-3 dBW/4KHz	25.00 °C 10.50 V	
3/22/00 1:31:46 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	86	-50	-19.49877	-3 dBW/4KHz	25.00 °C 10.50 V	
3/22/00 1:38:44 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	209	-50	-19.71271	-3 dBW/4KHz	25.00 °C 10.50 V	
3/22/00 1:50:14 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	332	-50	-21.61126	-3 dBW/4KHz	25.00 °C 10.50 V	
3/22/00 12:26:09 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	4	-50	-19.47509	-3 dBW/4KHz	25.00 °C 16.00 V	
3/22/00 12:39:49 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	86	-50	-19.51632	-3 dBW/4KHz	25.00 °C 16.00 V	
3/22/00 12:46:49 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	209	-50	-19.60914	-3 dBW/4KHz	25.00 °C 16.00 V	
3/22/00 12:58:50 PM	Maximum RF Output Power	ETSI TBR 041, sec. 7	Peak EIRP Density	63	332	-50	-21.69512	-3 dBW/4KHz	25.00 °C 16.00 V	
3/28/00 5:21:15 PM	Network Control Authorization	TBR 041 p9.3.1	Idle UT Transmit Suppression	63	209	0	0	0	25.00 °C 13.80 V	
3/28/00 5:22:36 PM	Network Control Authorization	TBR 041 p9.3.1	Traffic UT Transmit Suppression	63	209	0	0	0	25.00 °C 13.80 V	

12:28:57 PM Tuesday, March 28, 2000
80-99122-1 Rev. XI

Serial #: UT=SN106B8FWB; ODU=PTY-1
Hardware UT=10-70695-16 X6/X4; ODU=PTY-1

Software: UT=R4.7, C25

A-2

QUALCOMM Proprietary

Qualcomm GCK-1410 Hands Free Car Kit for MES used on the Globalstar System

Annex A - Conducted Test Data

<i>Time</i>	<i>Test Name</i>	<i>Test #</i>	<i>Test Description</i>	<i>Fwd Chnl</i>	<i>Rev Chnl</i>	<i>Low</i>	<i>Actual</i>	<i>High</i>	<i>Units</i>	<i>Temp Volts</i>	<i>Status</i>
3/28/00 5:22:36 PM	Network Control Authorization	TBR 041 p9.3.1	Transmit Suppression Time	63	209	0	1380	30000	msec	25.00 *C 13.80 V	
3/28/00 5:19:21 PM	Network Control Transmission Enable/Disable	TBR 041 p9.3.2	Idle UT Lock	63	209	0	0	0		25.00 *C 13.80 V	
3/28/00 5:17:43 PM	Network Control Transmission Enable/Disable	TBR 041 p9.3.2	Traffic UT Lock	63	209	0	0	0		25.00 *C 13.80 V	
3/28/00 5:16:56 PM	Network Control Transmission Enable/Disable	TBR 041 p9.3.2	Transmission Disable Time	63	209	0	180	1000	msec	25.00 *C 13.80 V	

Globalstar Compliance Lab Data Plots



Qualcomm GCK-1410 Hands Free Car Kit for MES used on the Globalstar System

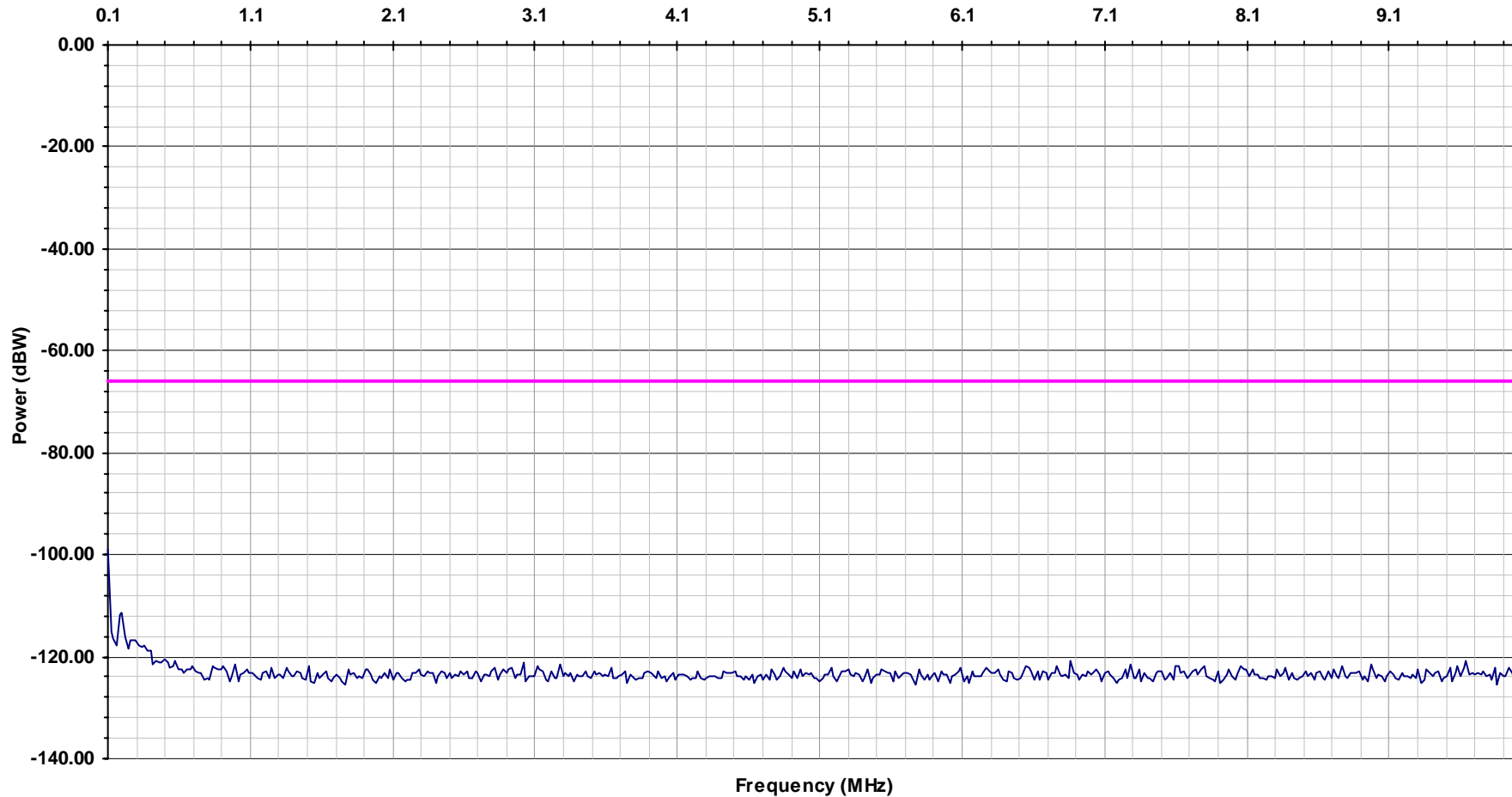
Annex A - Conducted Test Data

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 0.10MHz to 10.00MHz

5

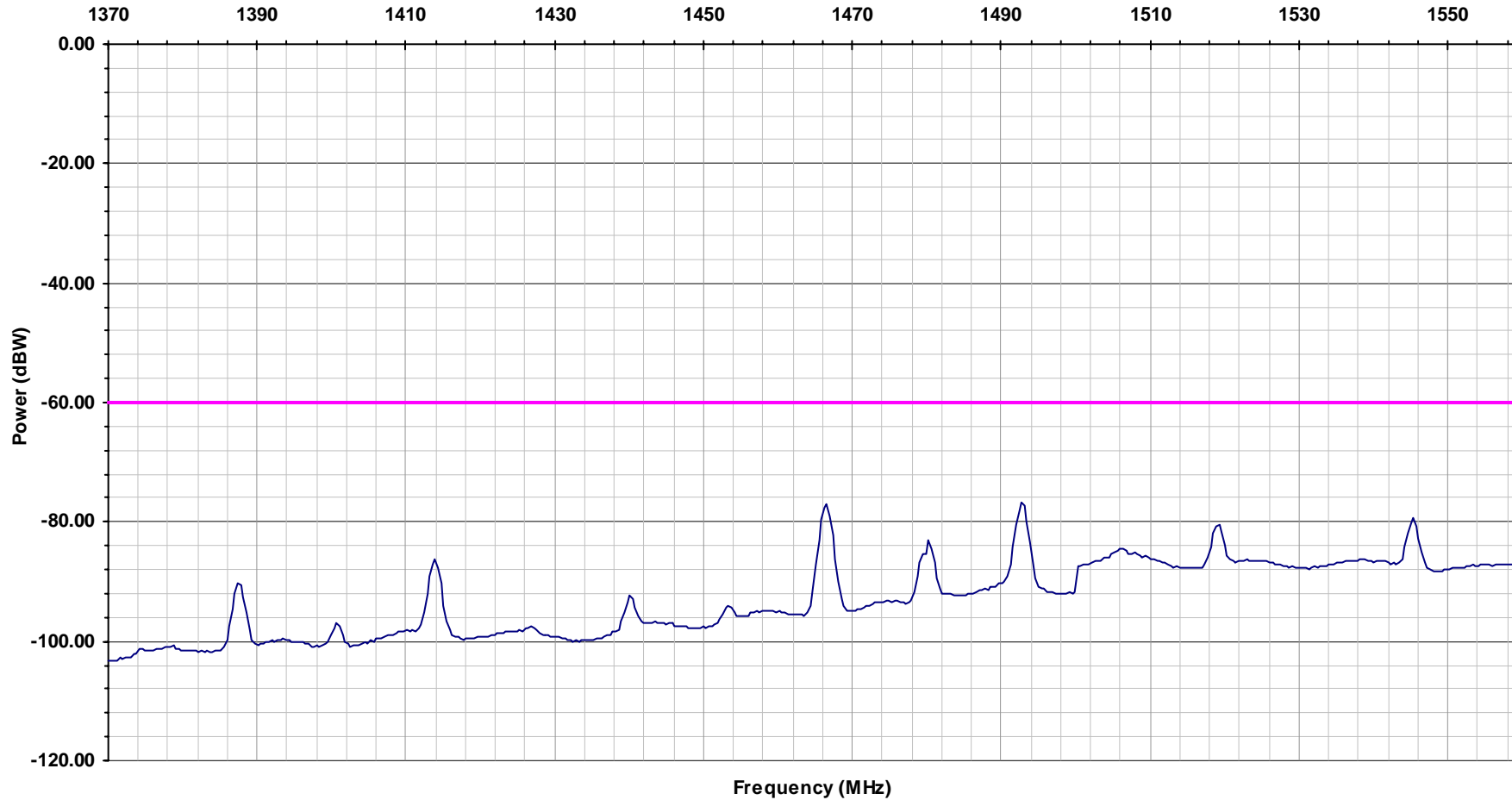


PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1370.00MHz to 1559.00MHz

10



Max: -76.77 dBW @1492.7174 MHz

Min: -103.28 dBW @1370.0 MHz

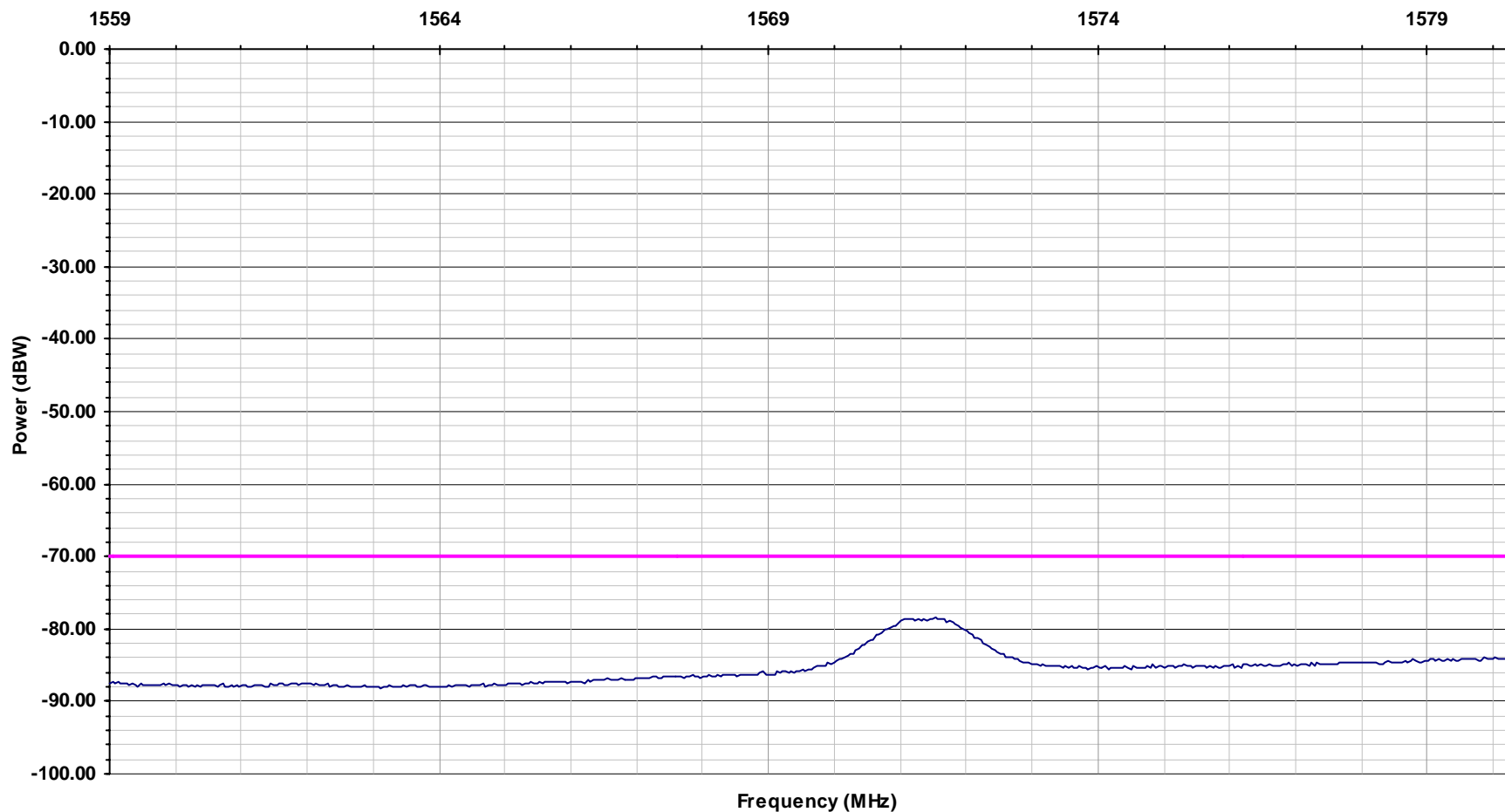
Ave: -93.0612 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1559.00MHz to 1580.42MHz

11



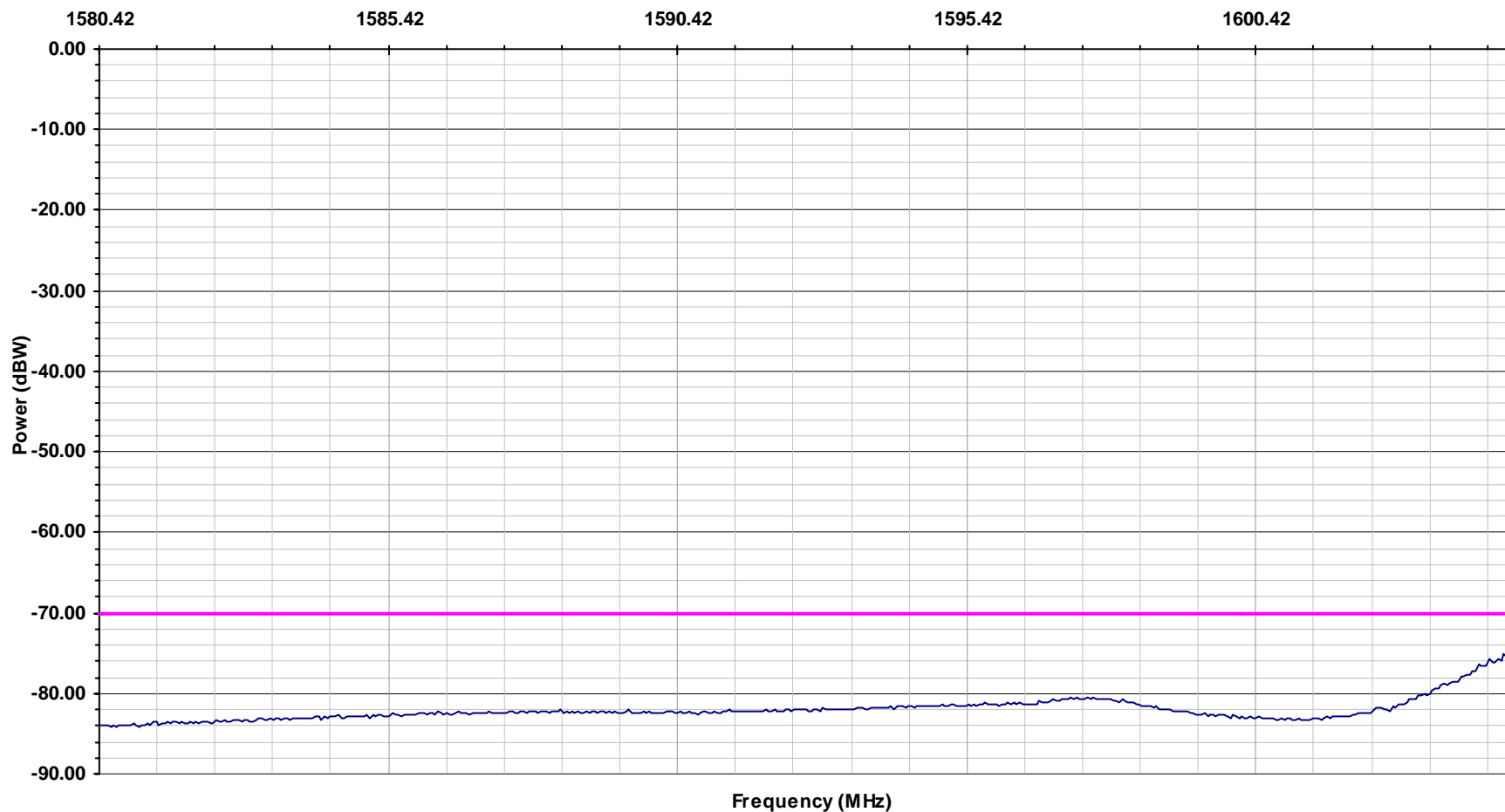
Max: -78.43 dBW @1571.5343 MHz
Min: -88.13 dBW @1563.1209 MHz Ave: -85.5659 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

12



Max: -74.11 dBW @1605.0 MHz

Min: -84.1 dBW @1581.1096 MHz

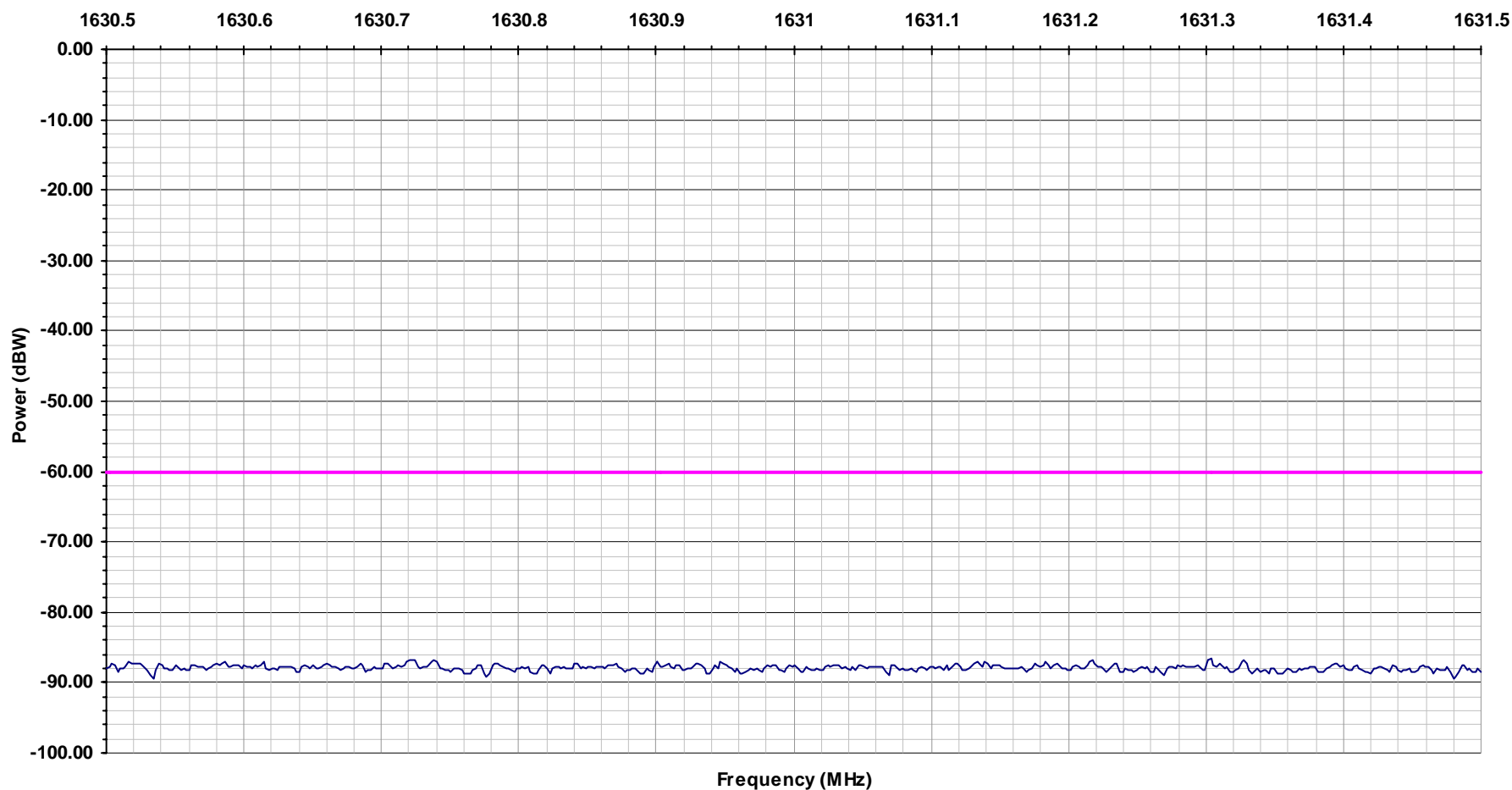
Ave: -81.9907 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1630.50MHz to 1631.50MHz

16



Max: -86.66 dBW @1631.3036 MHz

Min: -89.44 dBW @1631.48 MHz

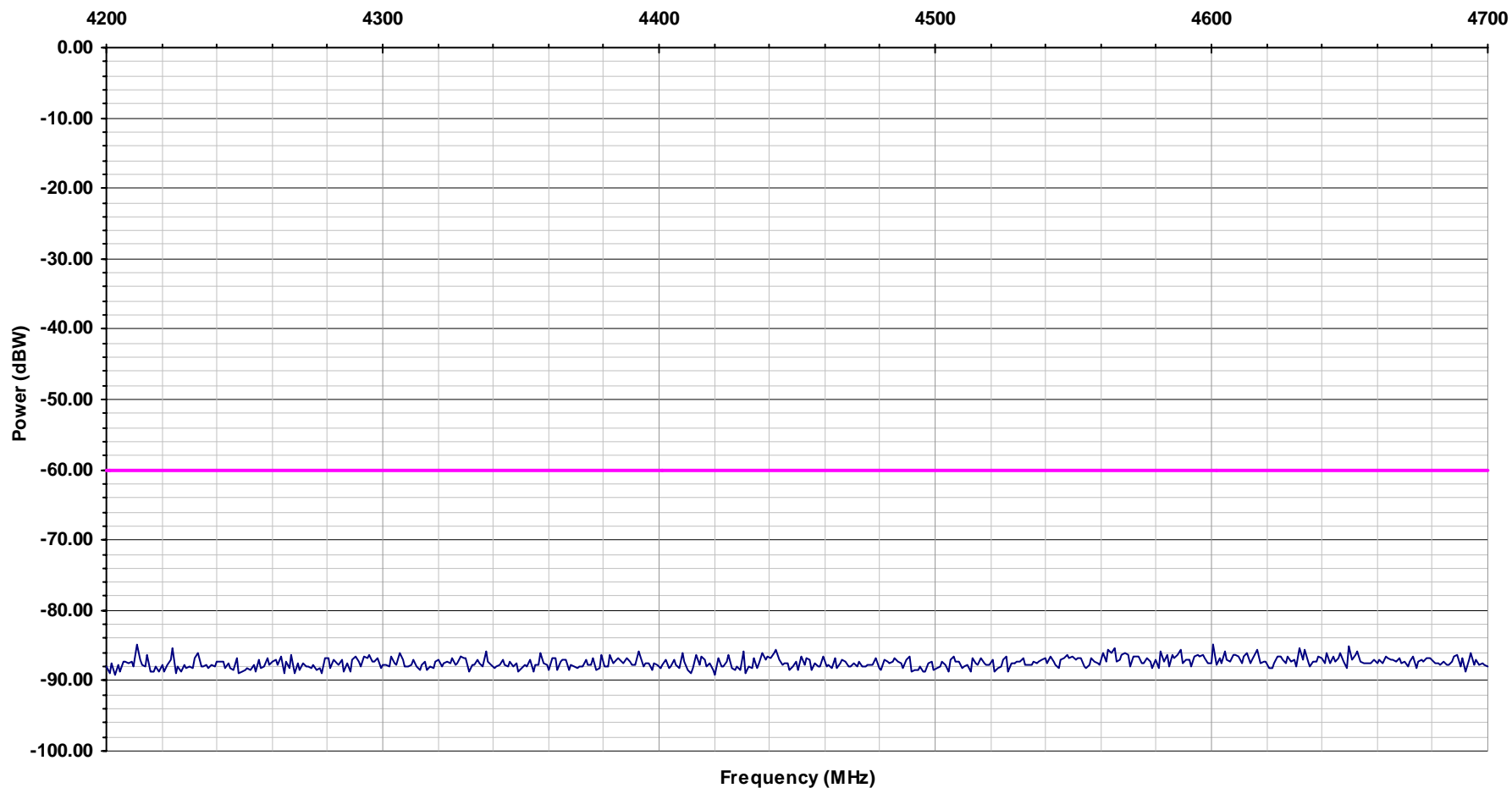
Ave: -87.8835 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 4200.00MHz to 4700.00MHz

25



Max: -84.83 dBW @4211.022 MHz

Min: -89.24 dBW @4203.006 MHz

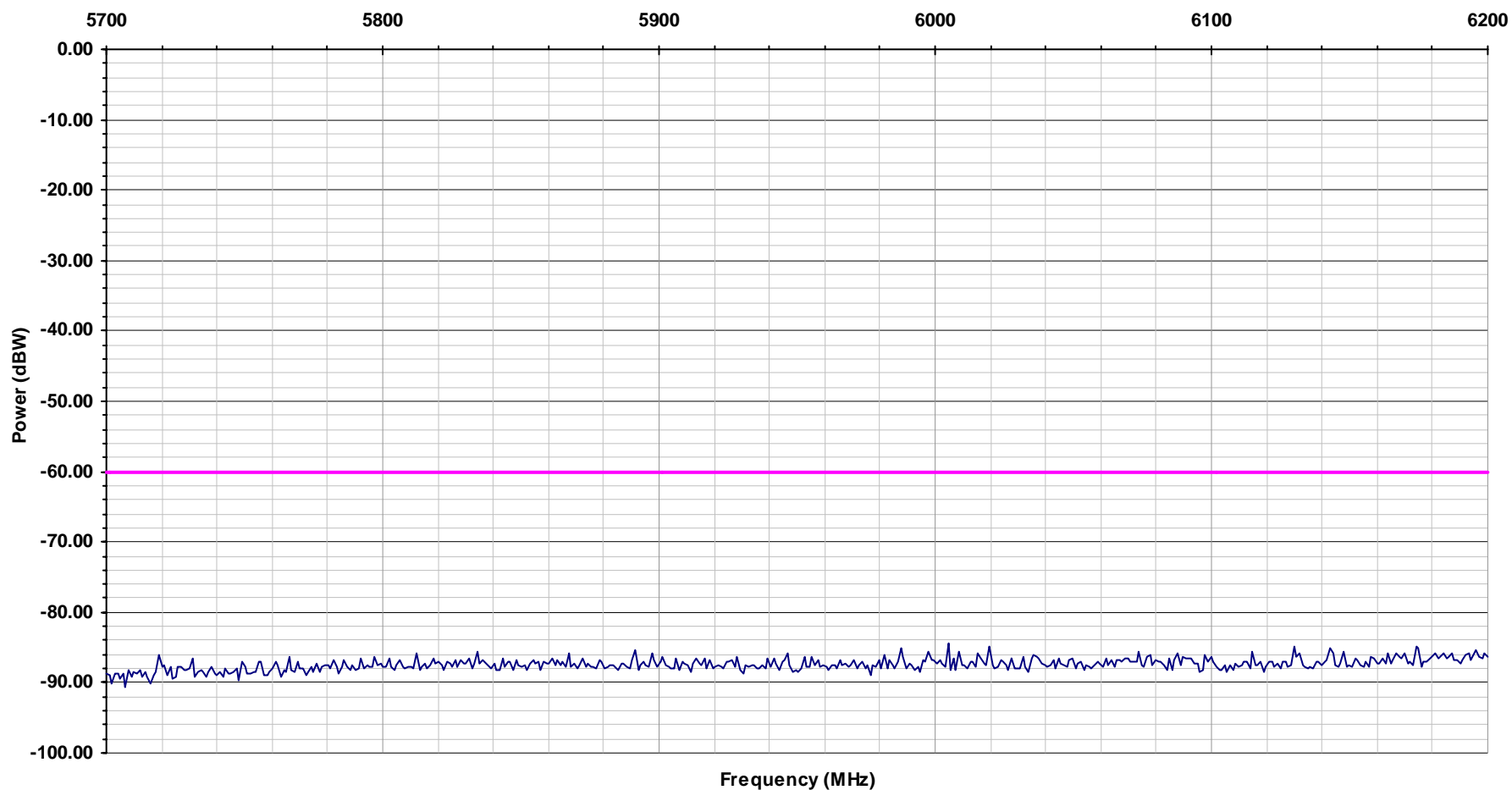
Ave: -87.4199 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 5700.00MHz to 6200.00MHz

28



Max: -84.38 dBW @6004.6092 MHz

Min: -90.62 dBW @5707.014 MHz

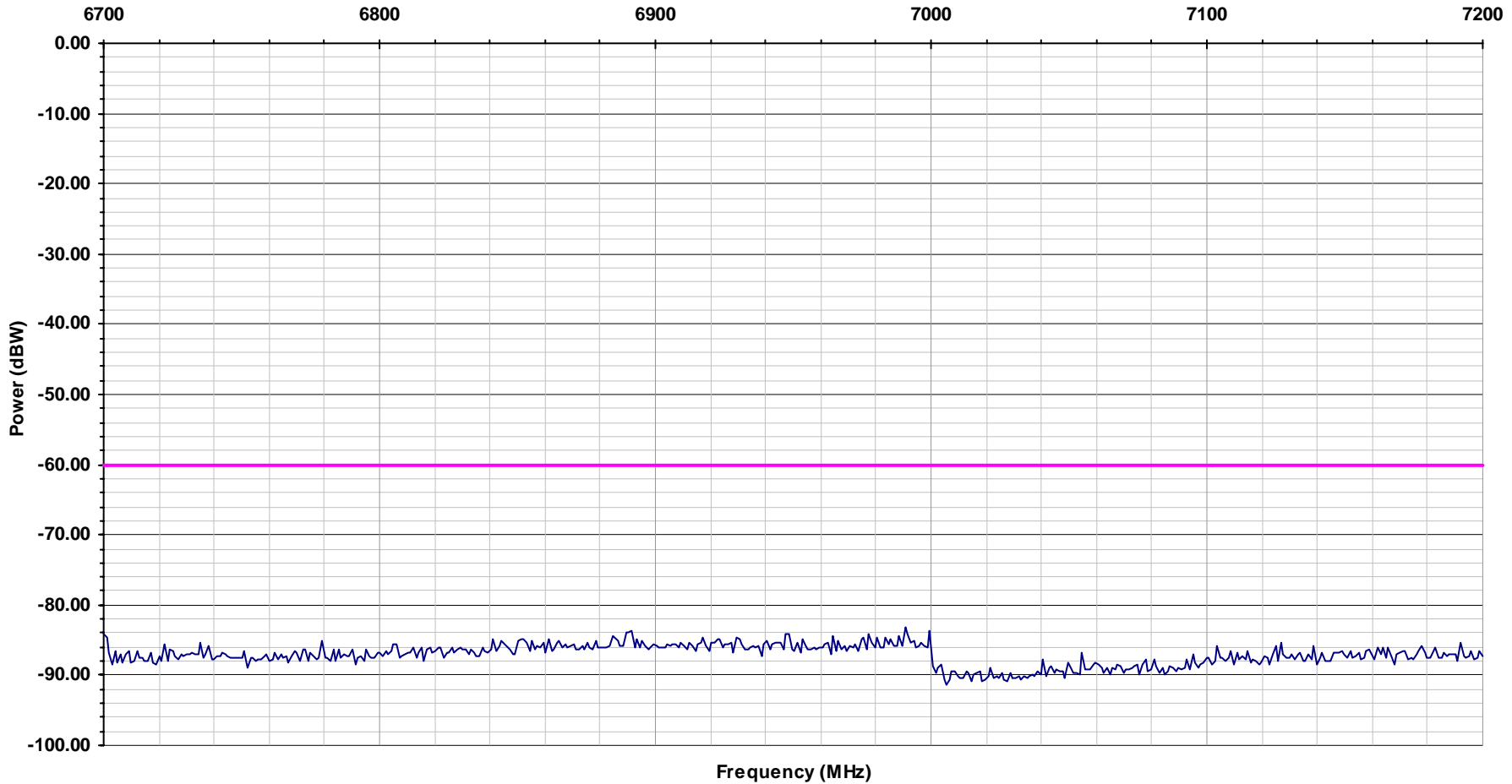
Ave: -87.4002 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 6700.00MHz to 7200.00MHz

30



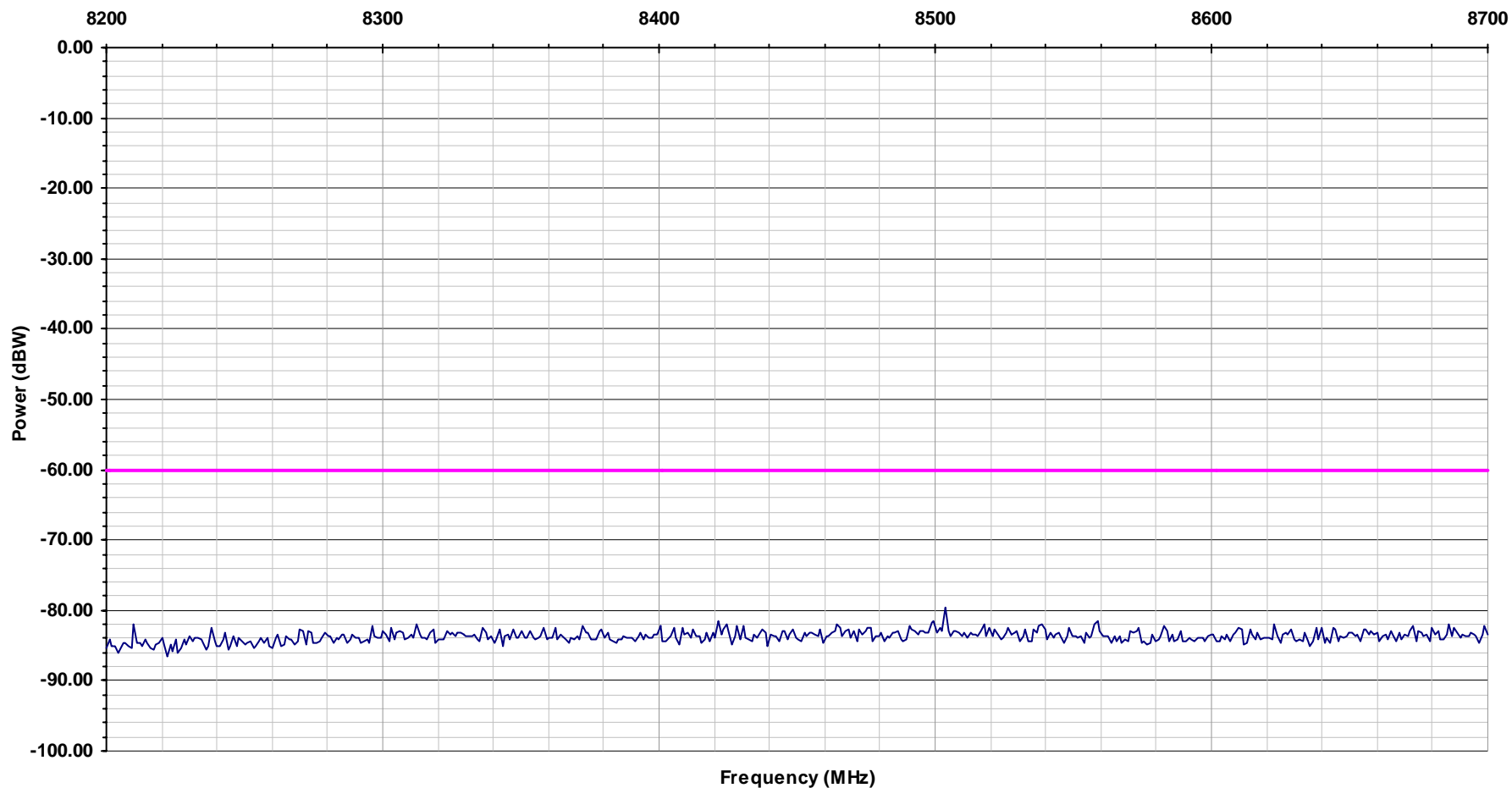
Max: -83.08 dBW @6990.5812 MHz
Min: -91.31 dBW @7005.6112 MHz **Ave:** -87.0905 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 8200.00MHz to 8700.00MHz

33



Max: -79.59 dBW @8503.6072 MHz

Min: -86.61 dBW @8222.0441 MHz

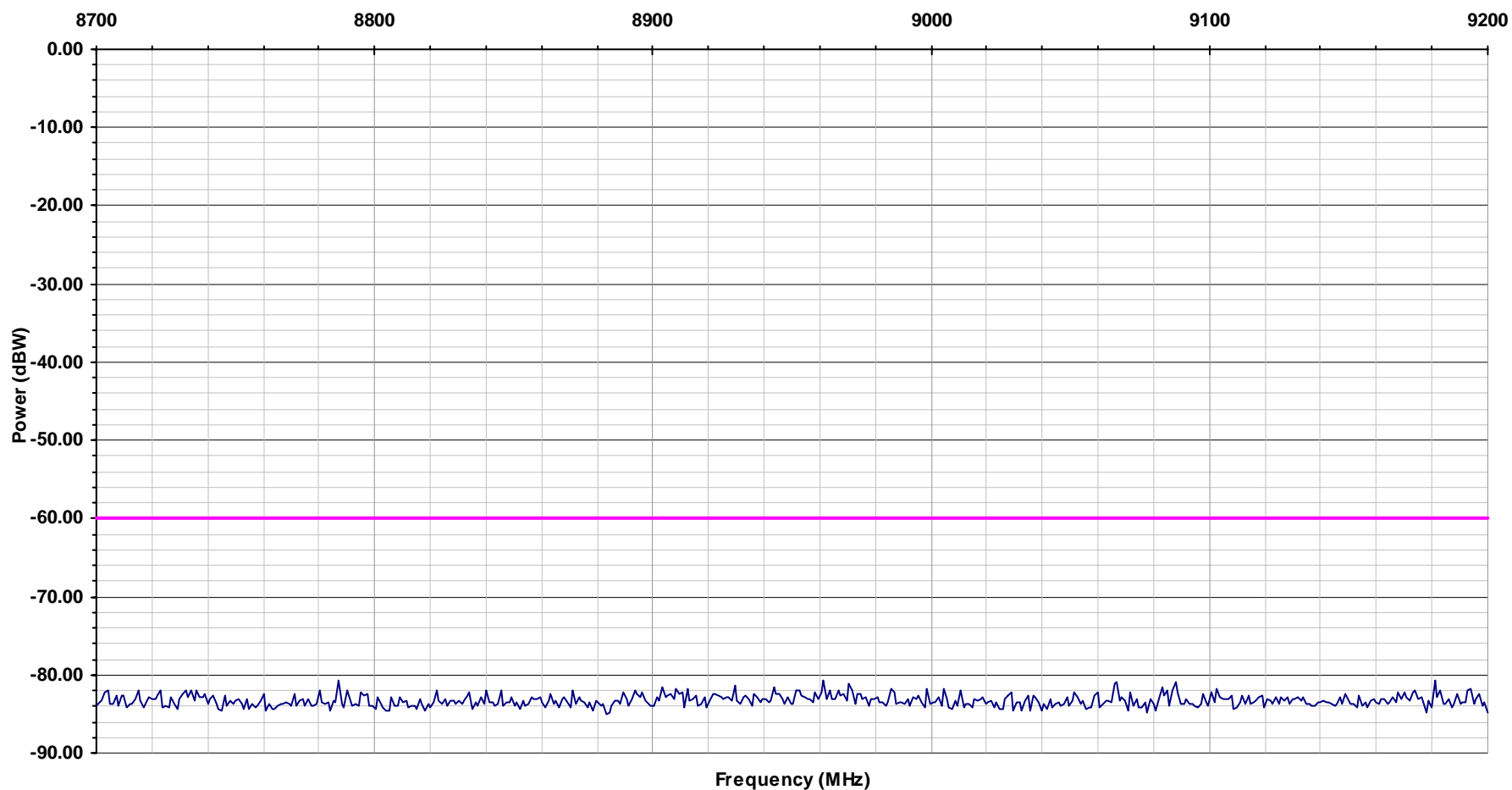
Ave: -83.6921 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 8700.00MHz to 9200.00MHz

34



Max: -80.67 dBW @9180.9619 MHz

Min: -85.07 dBW @8883.3667 MHz

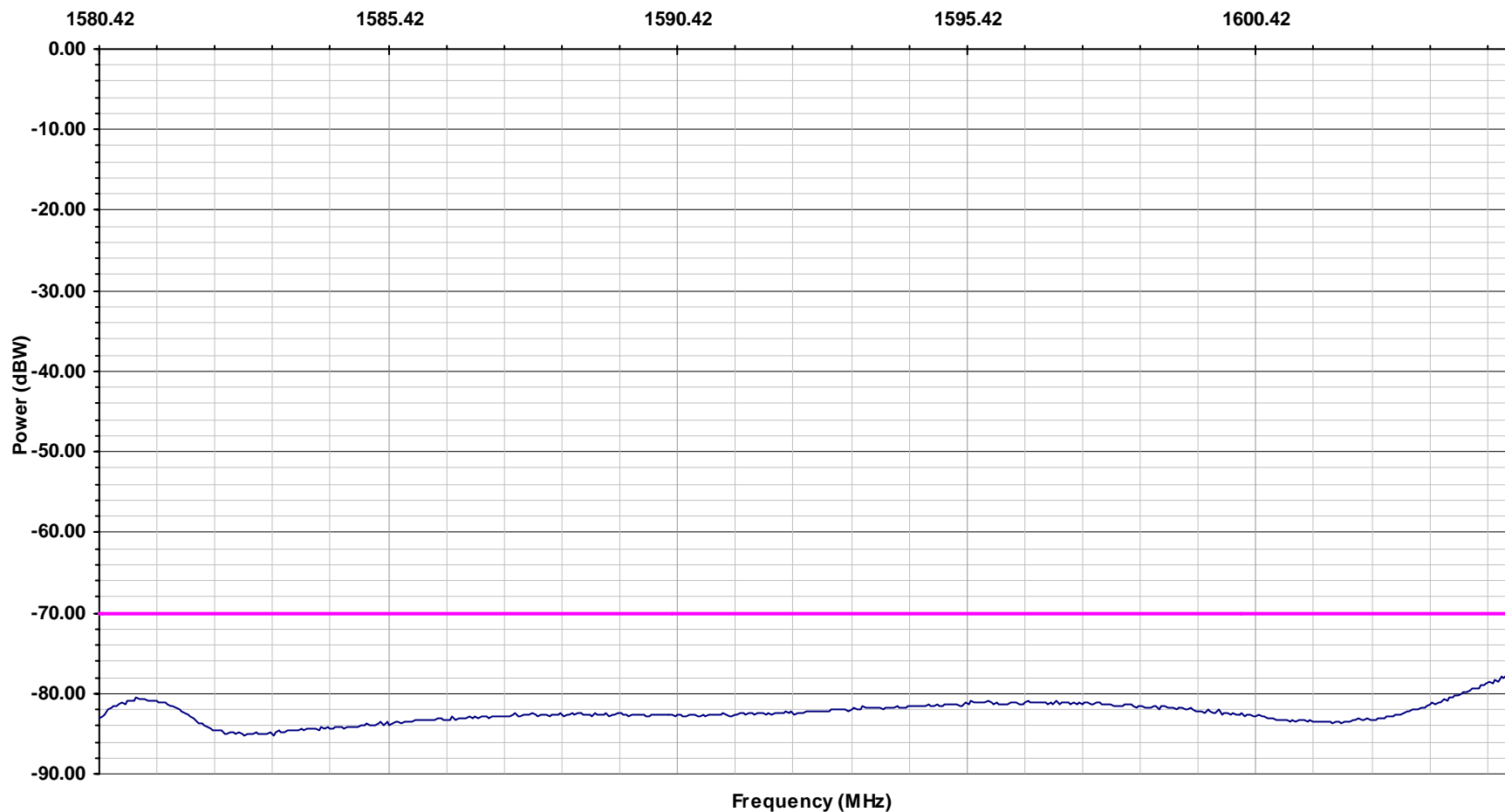
Ave: -83.276 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

112



Max: -77.16 dBW @1605.0 MHz

Min: -85.2 dBW @1582.9322 MHz

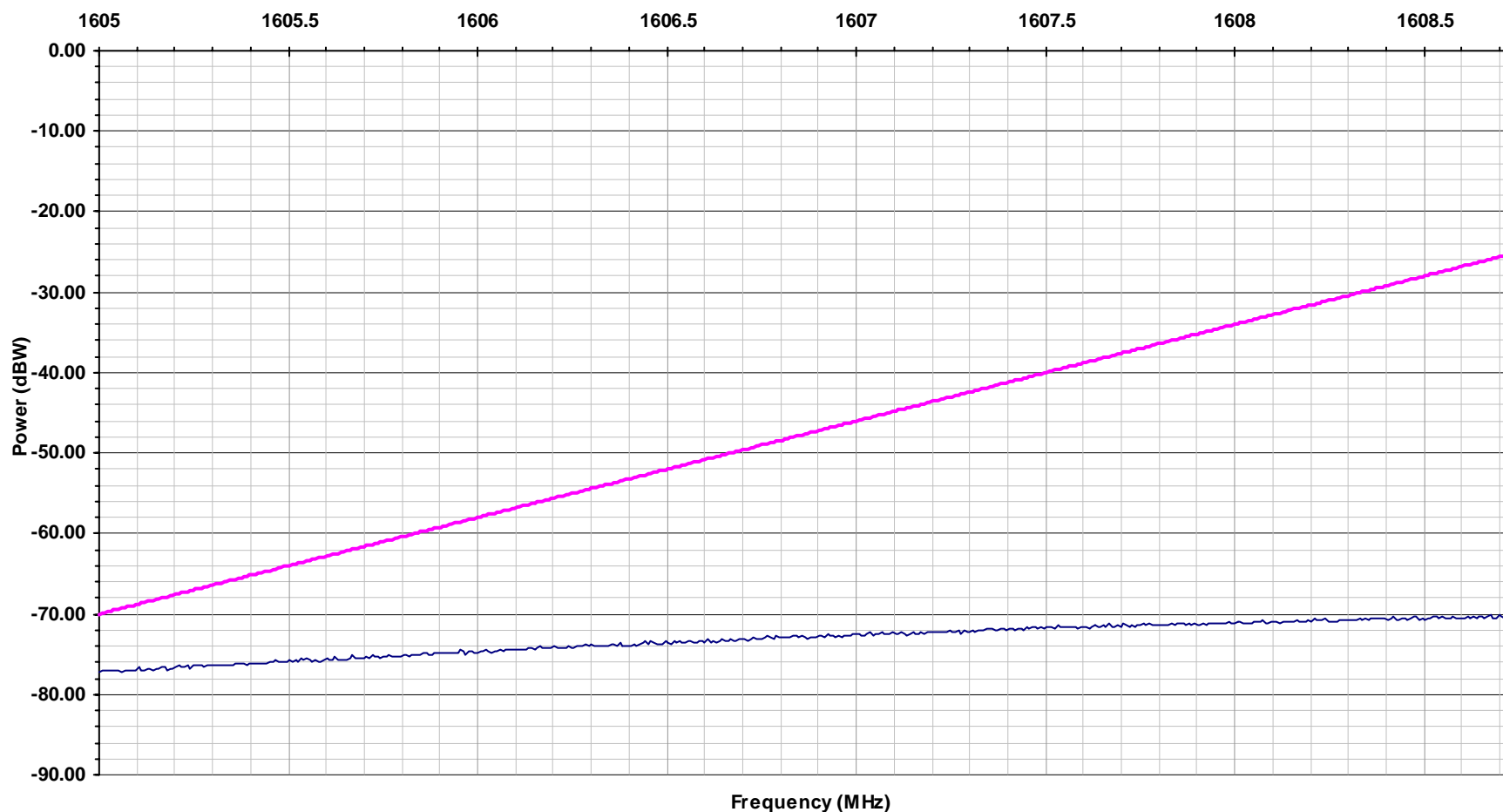
Ave: -82.3738 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1605.00MHz to 1608.75MHz

113



Max: -70.16 dBW @1608.6748 MHz

Min: -77.15 dBW @1605.0 MHz

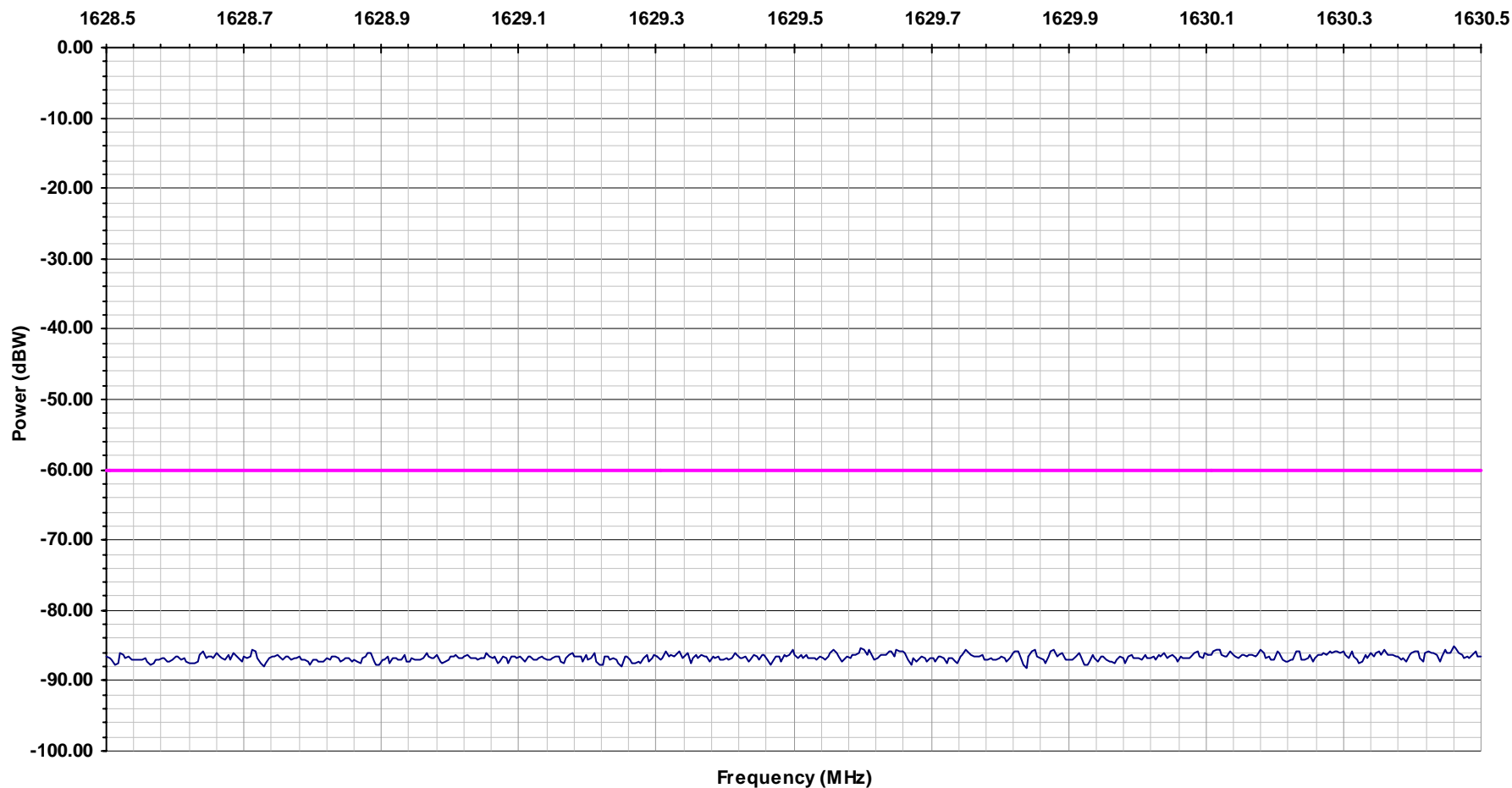
Ave: -73.1443 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1628.50MHz to 1630.50MHz

115



Max: -84.99 dBW @ 1630.4599 MHz

Min: -88.2 dBW @ 1629.8387 MHz

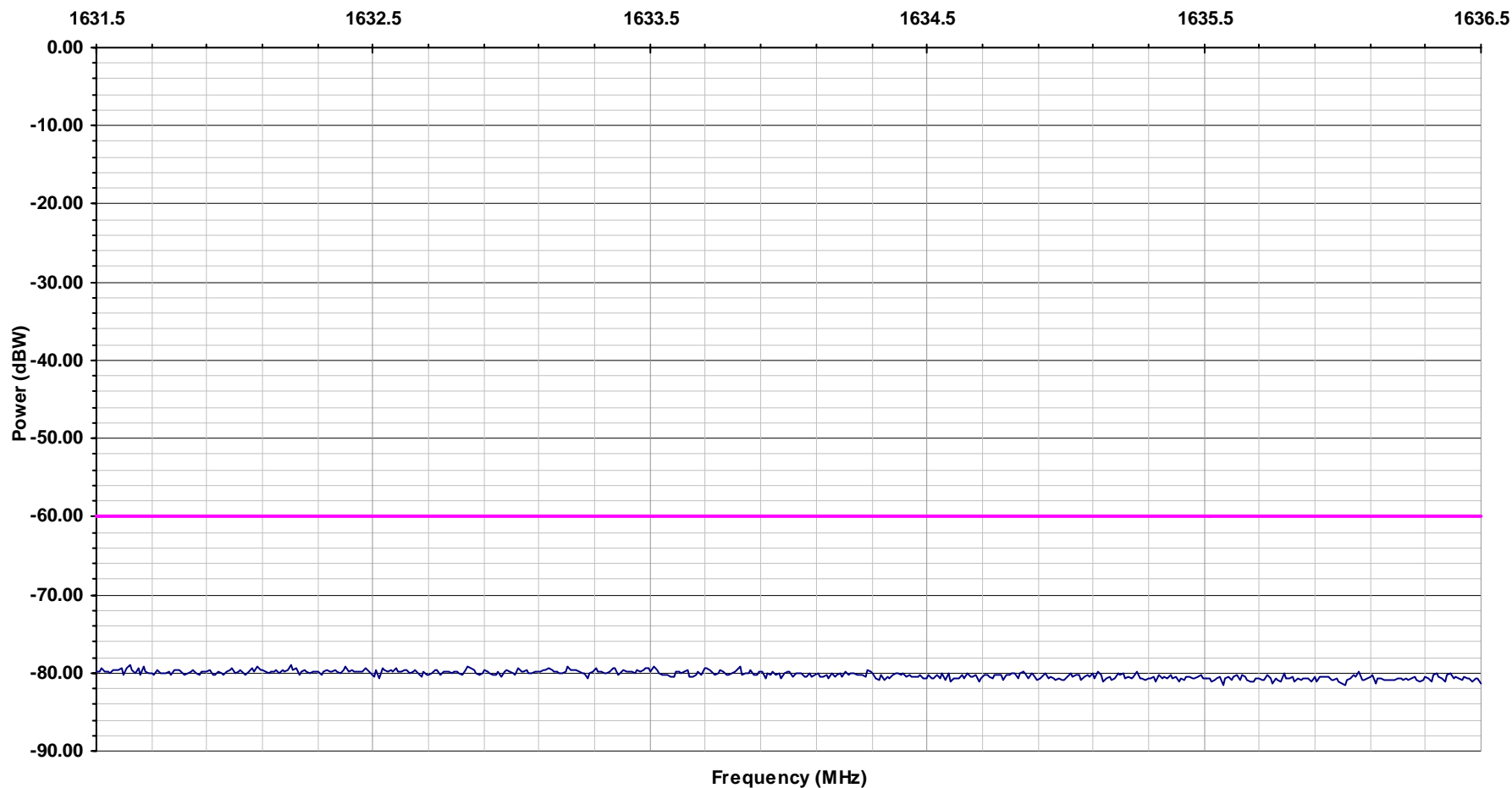
Ave: -86.6745 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1631.50MHz to 1636.50MHz

117



Max: -78.98 dBW @1631.6202 MHz

Min: -81.51 dBW @1636.009 MHz

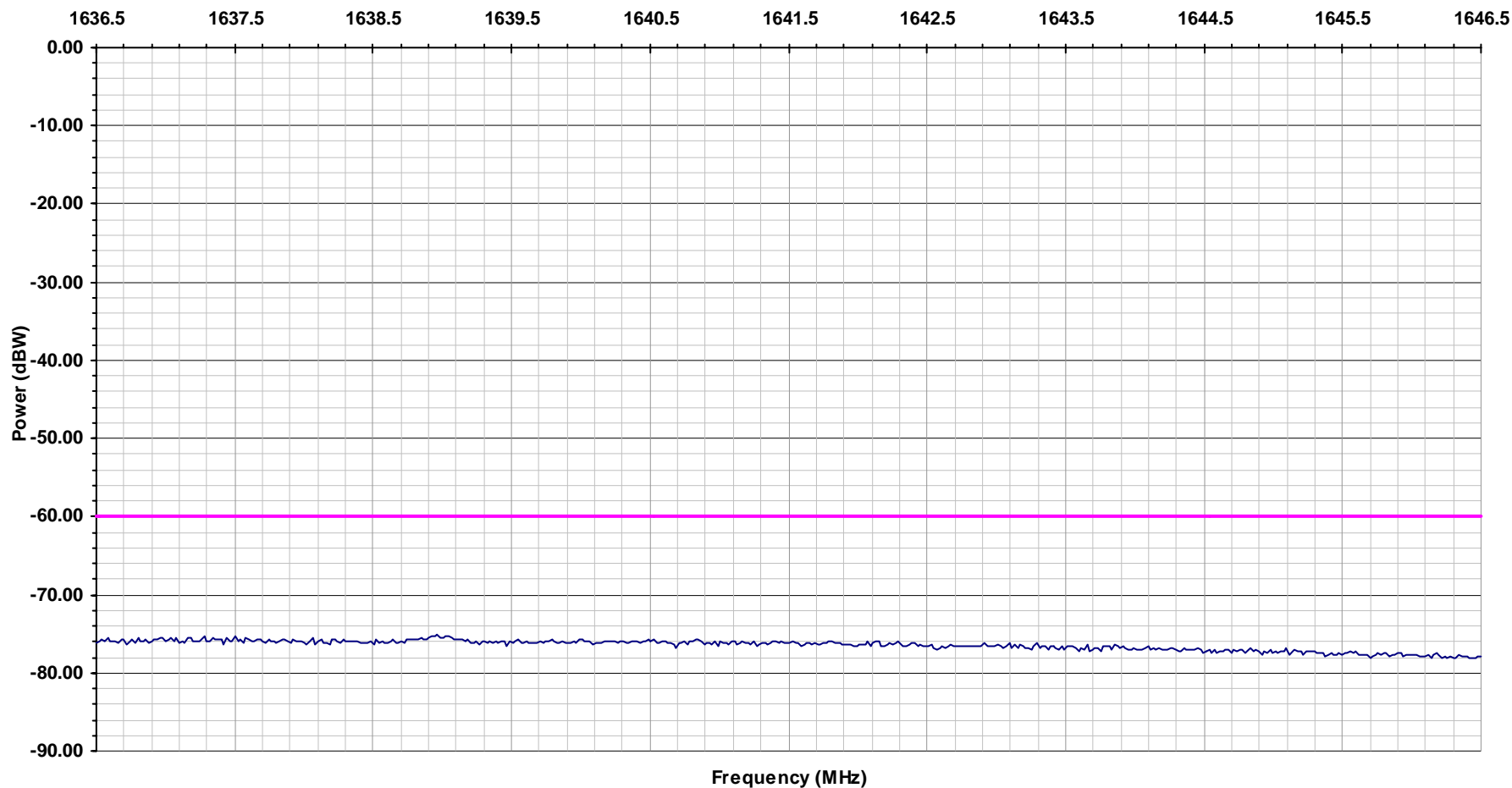
Ave: -80.2109 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1636.50MHz to 1646.50MHz

118



Max: -75.13 dBW @ 1638.9649 MHz

Min: -78.15 dBW @ 1646.4198 MHz

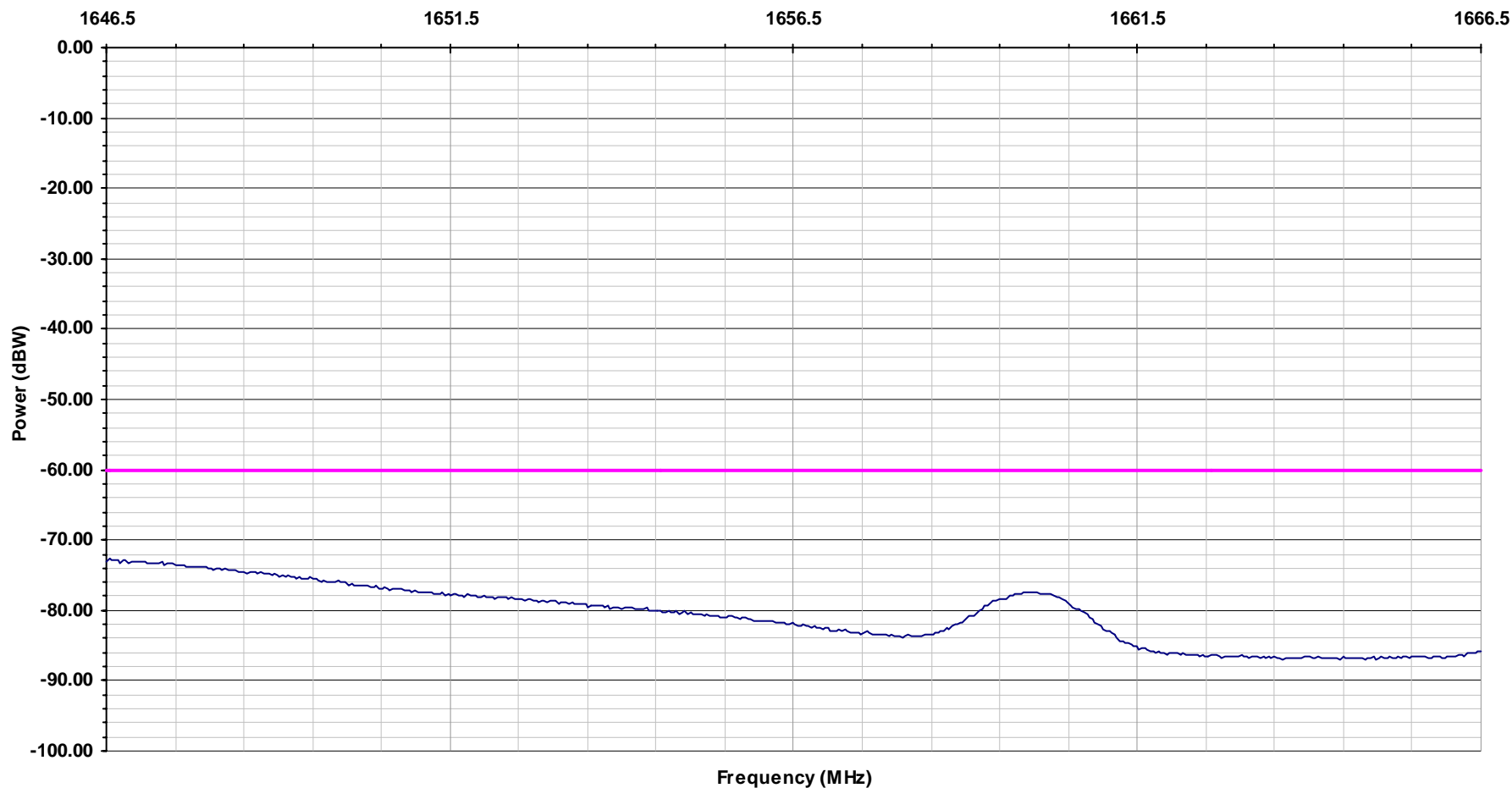
Ave: -76.4571 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1646.50MHz to 1666.50MHz

119



Max: -72.54 dBW @1646.5401 MHz

Min: -87.05 dBW @1664.977 MHz

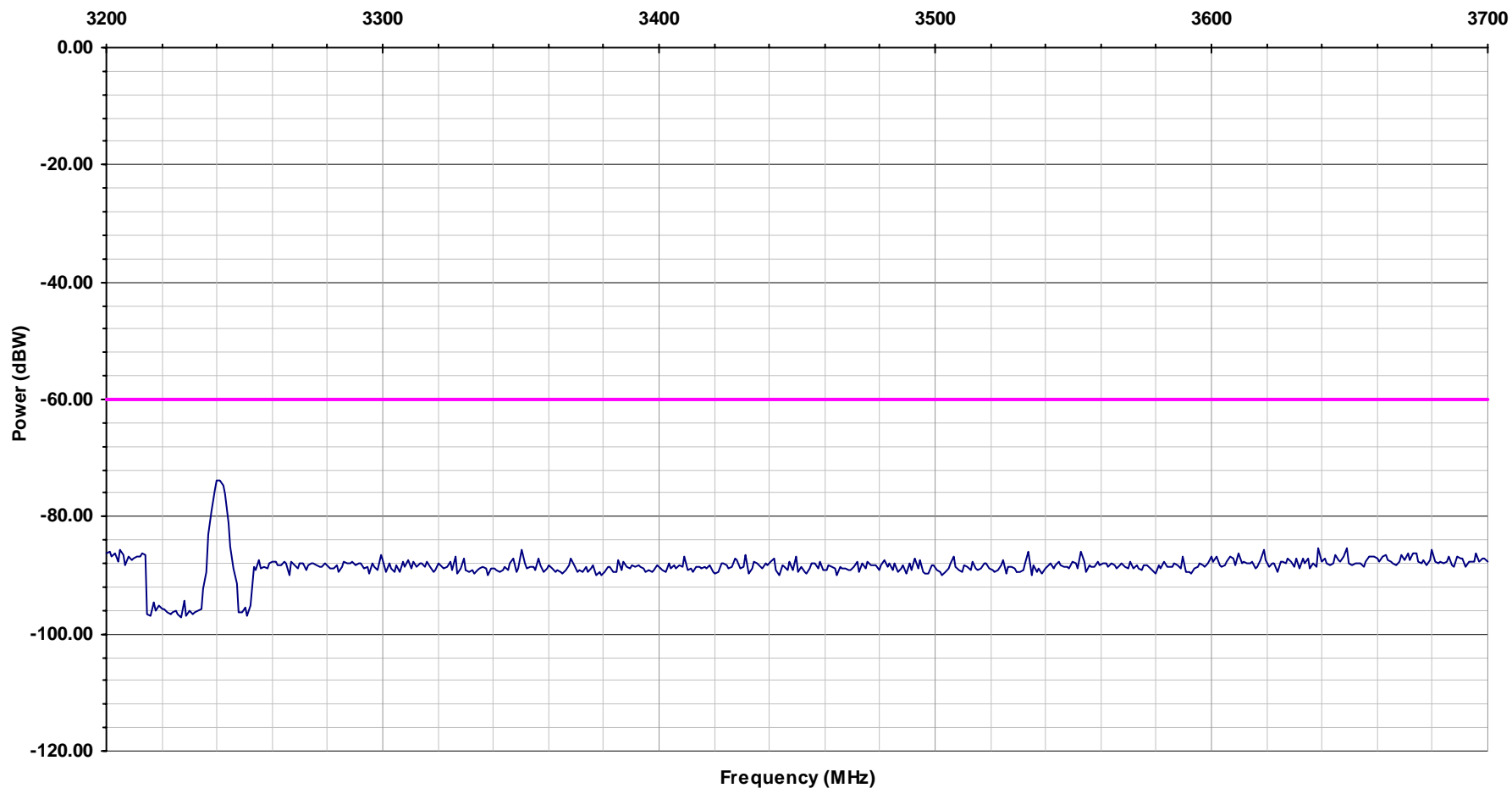
Ave: -80.6874 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 3200.00MHz to 3700.00MHz

123



Max: -73.85 dBW @3241.0822 MHz

Min: -97.2 dBW @3227.0541 MHz

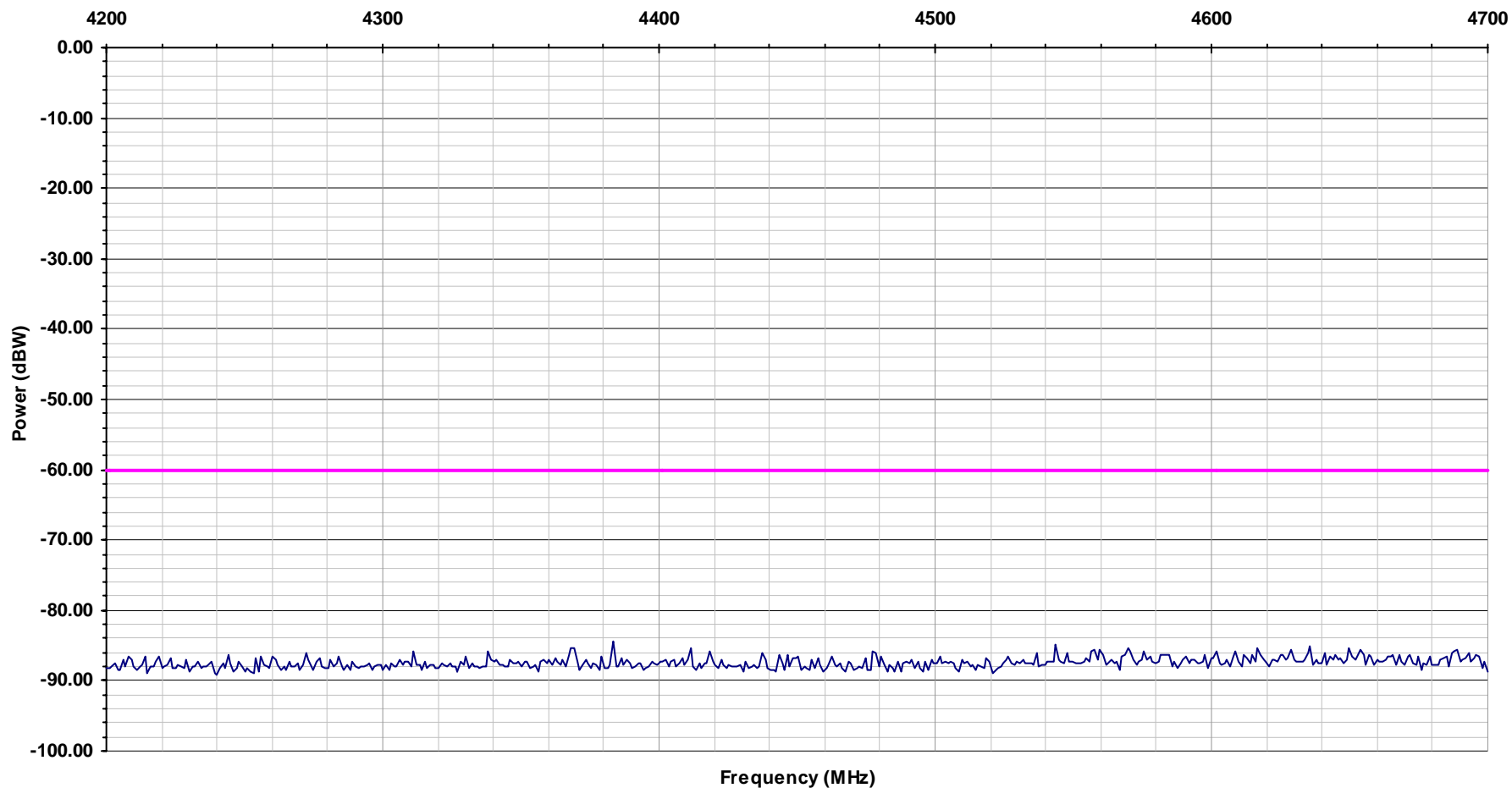
Ave: -88.5037 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 4200.00MHz to 4700.00MHz

125



Max: -84.32 dBW @4383.3667 MHz

Min: -89.2 dBW @4240.0802 MHz

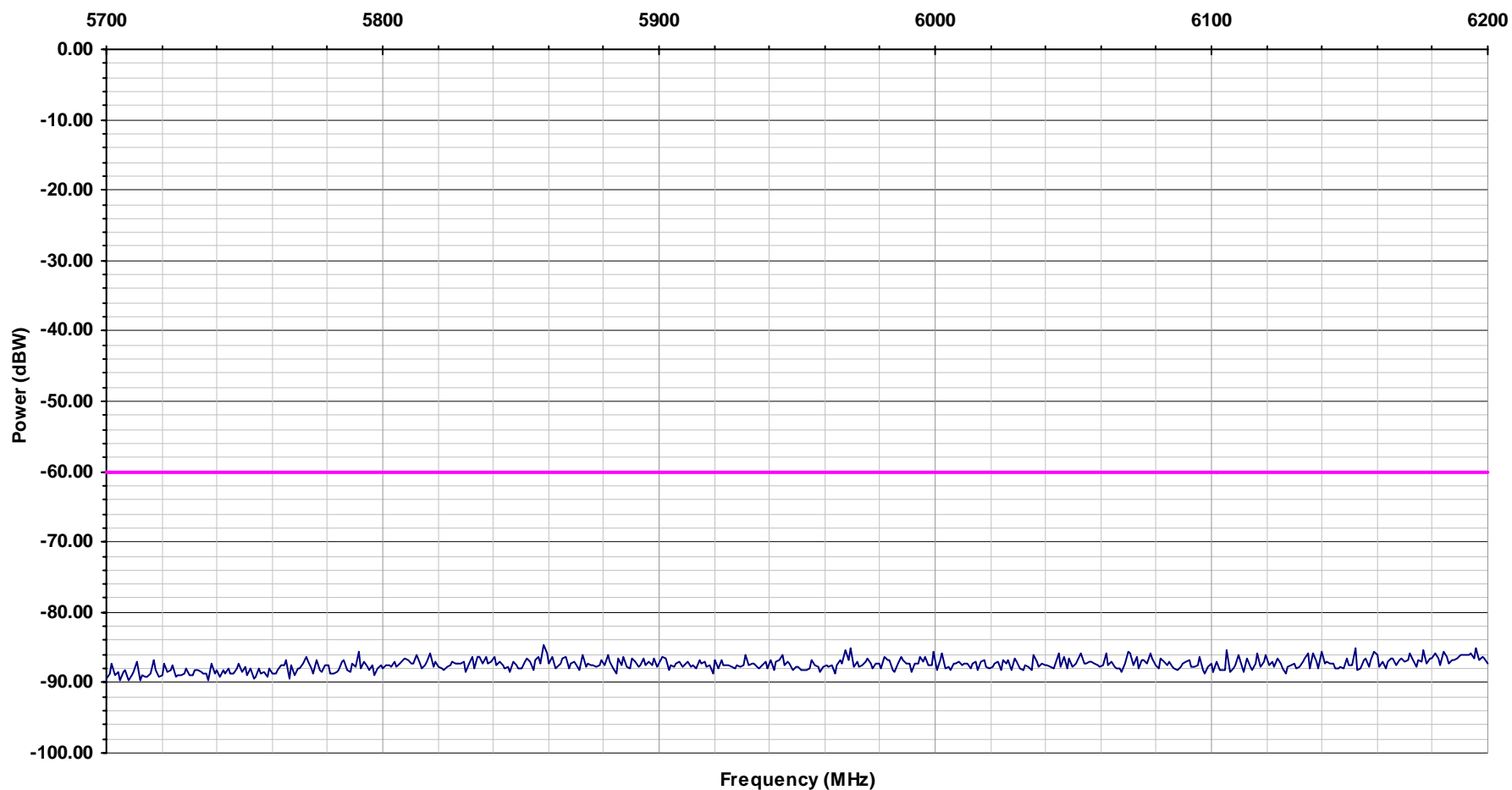
Ave: -87.4366 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 5700.00MHz to 6200.00MHz

128



Max: -84.69 dBW @5858.3166 MHz

Min: -89.71 dBW @5708.016 MHz

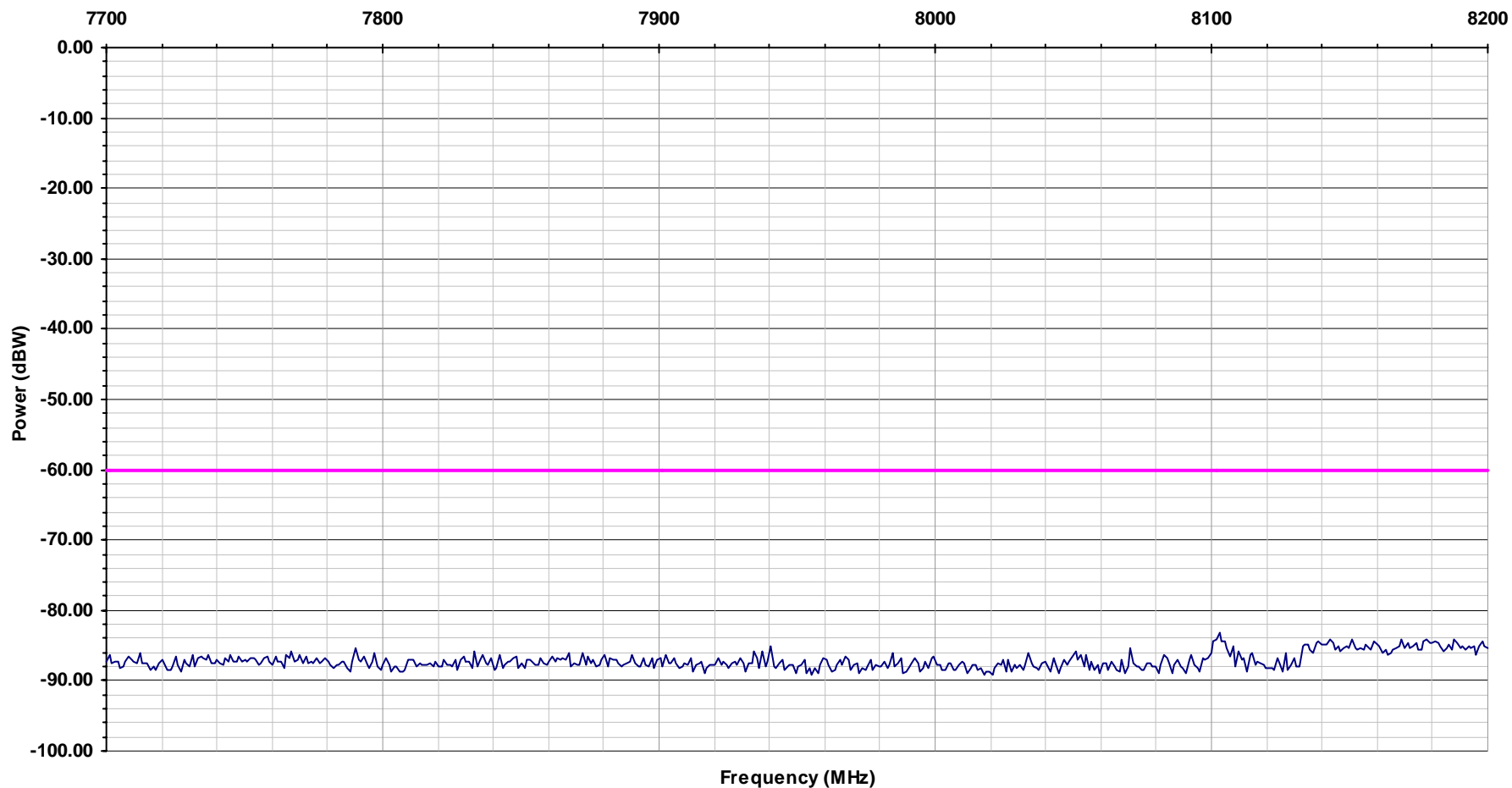
Ave: -87.4282 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 7700.00MHz to 8200.00MHz

132



Max: -83.26 dBW @8102.8056 MHz

Min: -89.3 dBW @8017.6353 MHz

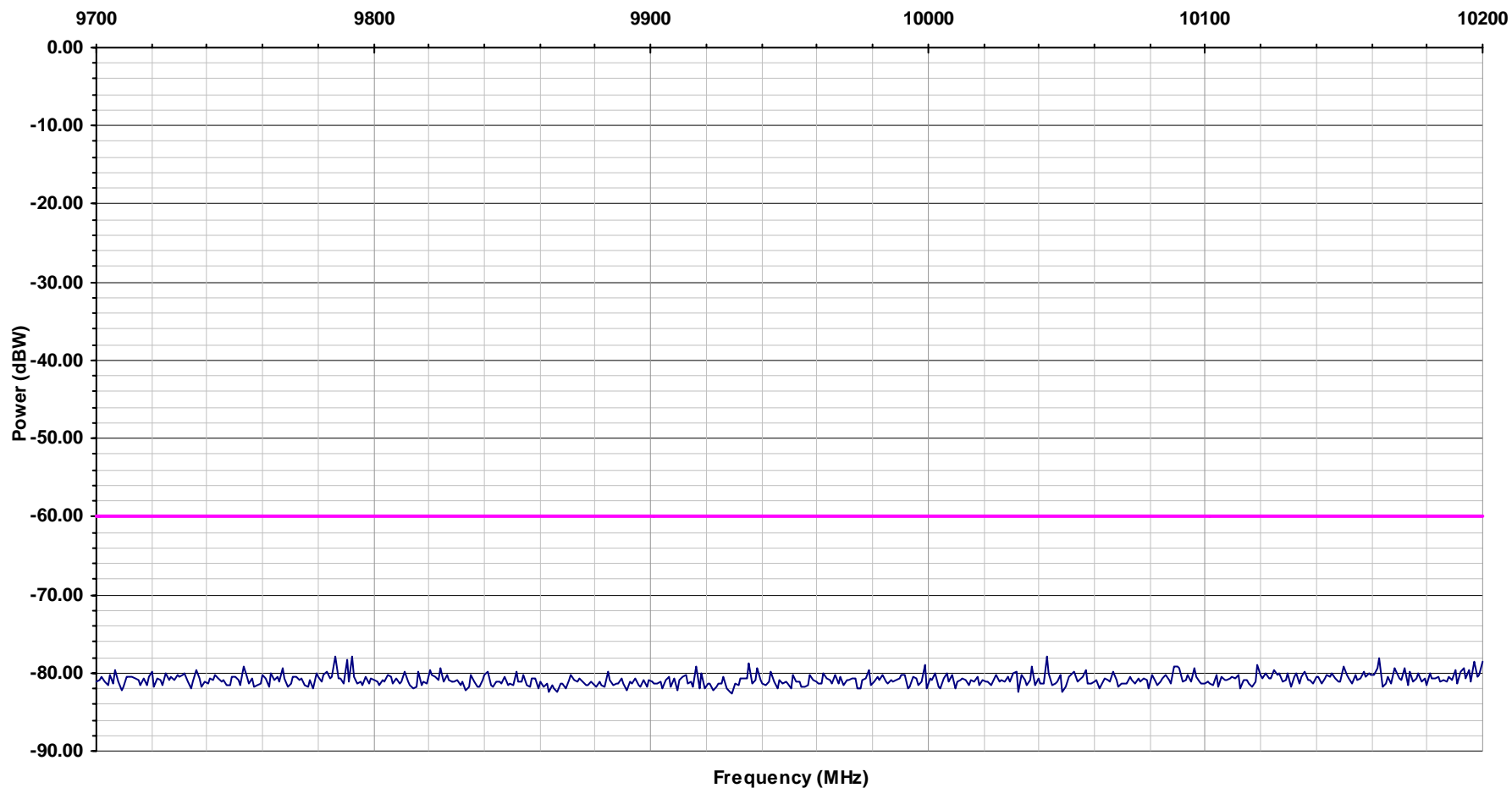
Ave: -87.1613 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 9700.00MHz to 10200.00MHz

136



Max: -77.86 dBW @9786.1723 MHz

Min: -82.7 dBW @9929.4589 MHz

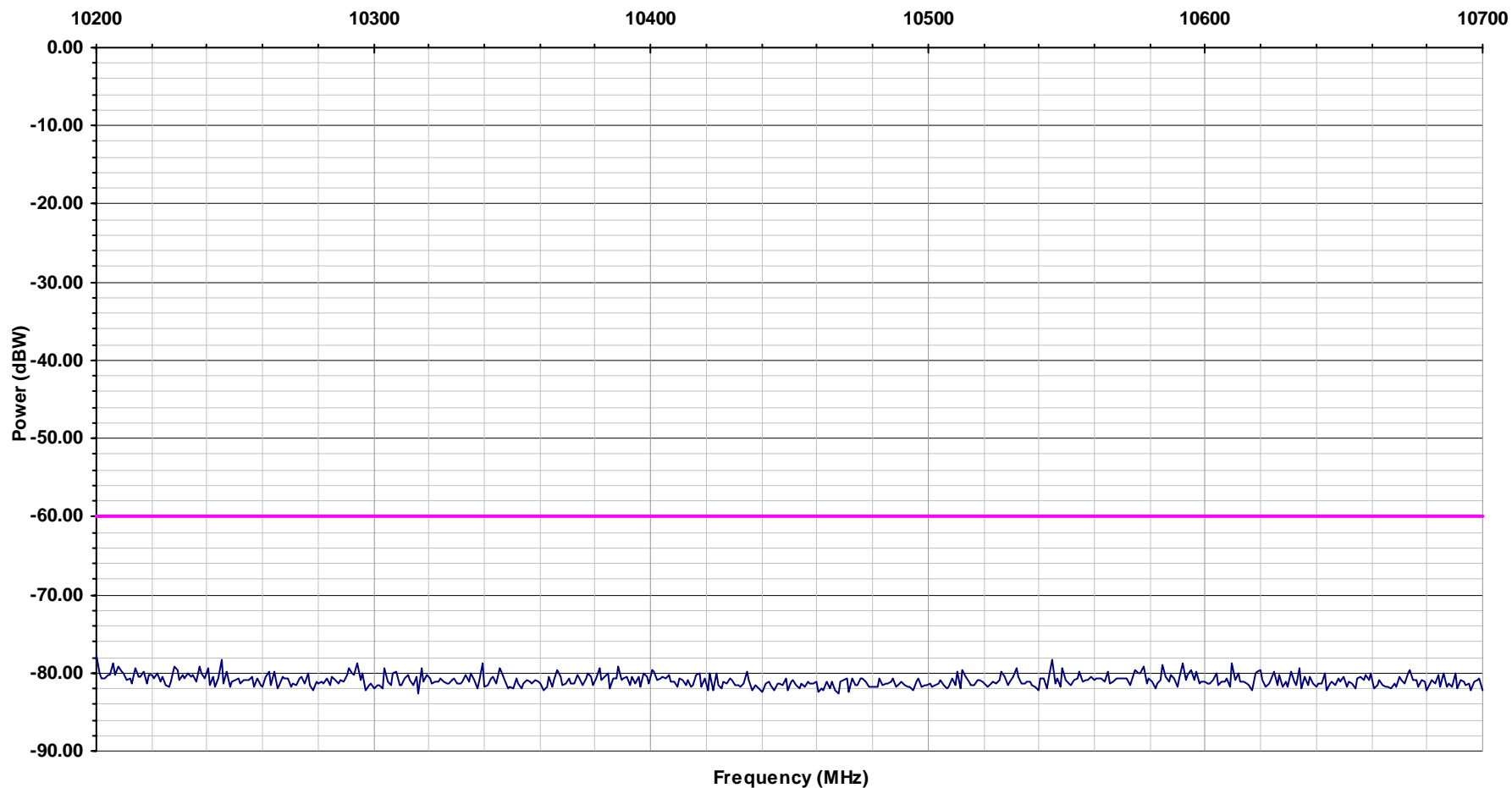
Ave: -80.8903 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 10200.00MHz to 10700.00MHz

137



Max: -77.62 dBW @10200.0 MHz

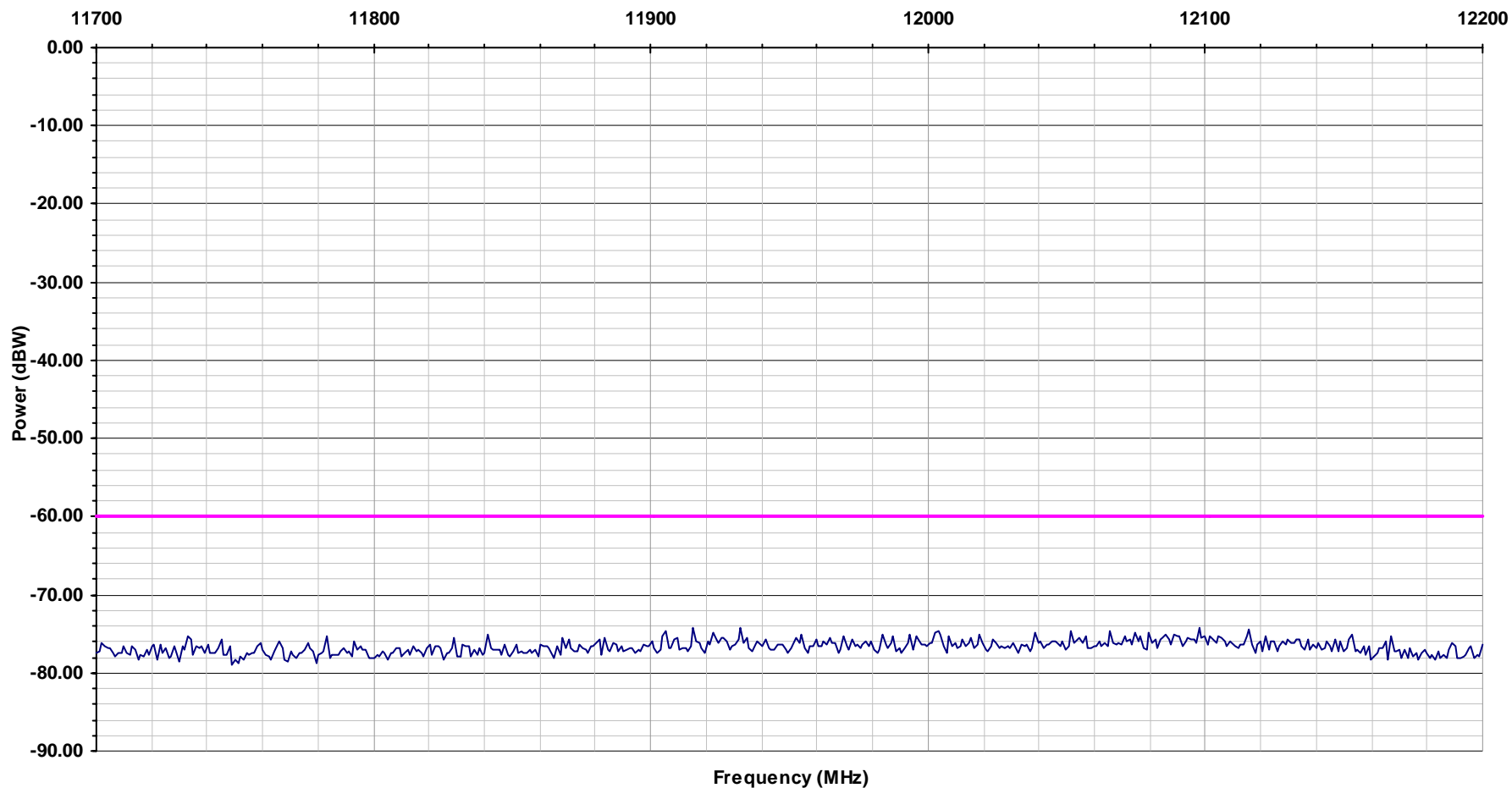
Min: -82.56 dBW @10467.5351 MHz Ave: -80.9732 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 11700.00MHz to 12200.00MHz

140



Max: -74.27 dBW @ 11932.4649 MHz

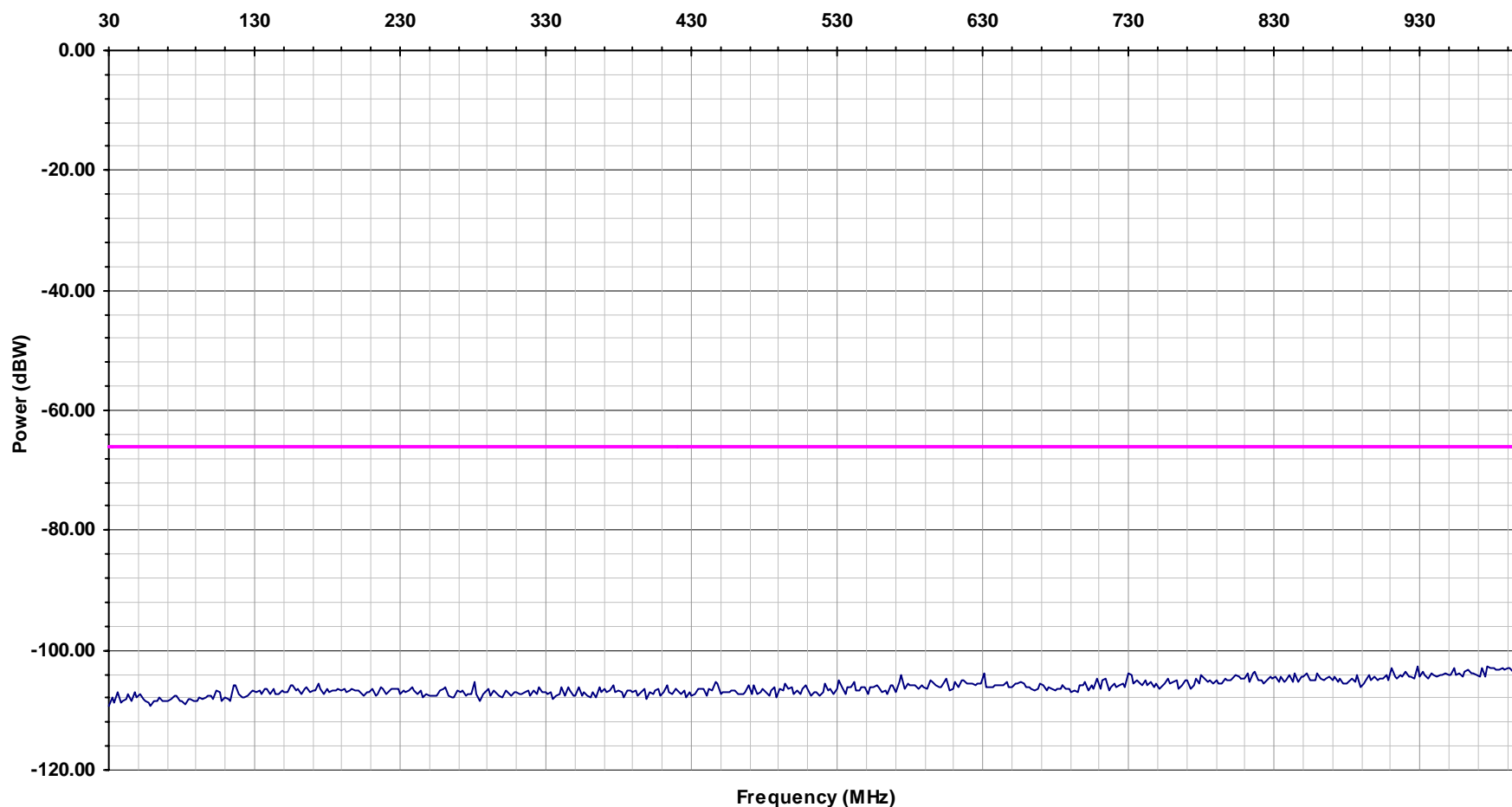
Min: -78.86 dBW @ 11749.0982 MHz Ave: -76.6971 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 30.00MHz to 1000.00MHz

185



Max: -102.32 dBW @1000.0 MHz

Min: -109.4 dBW @59.1583 MHz

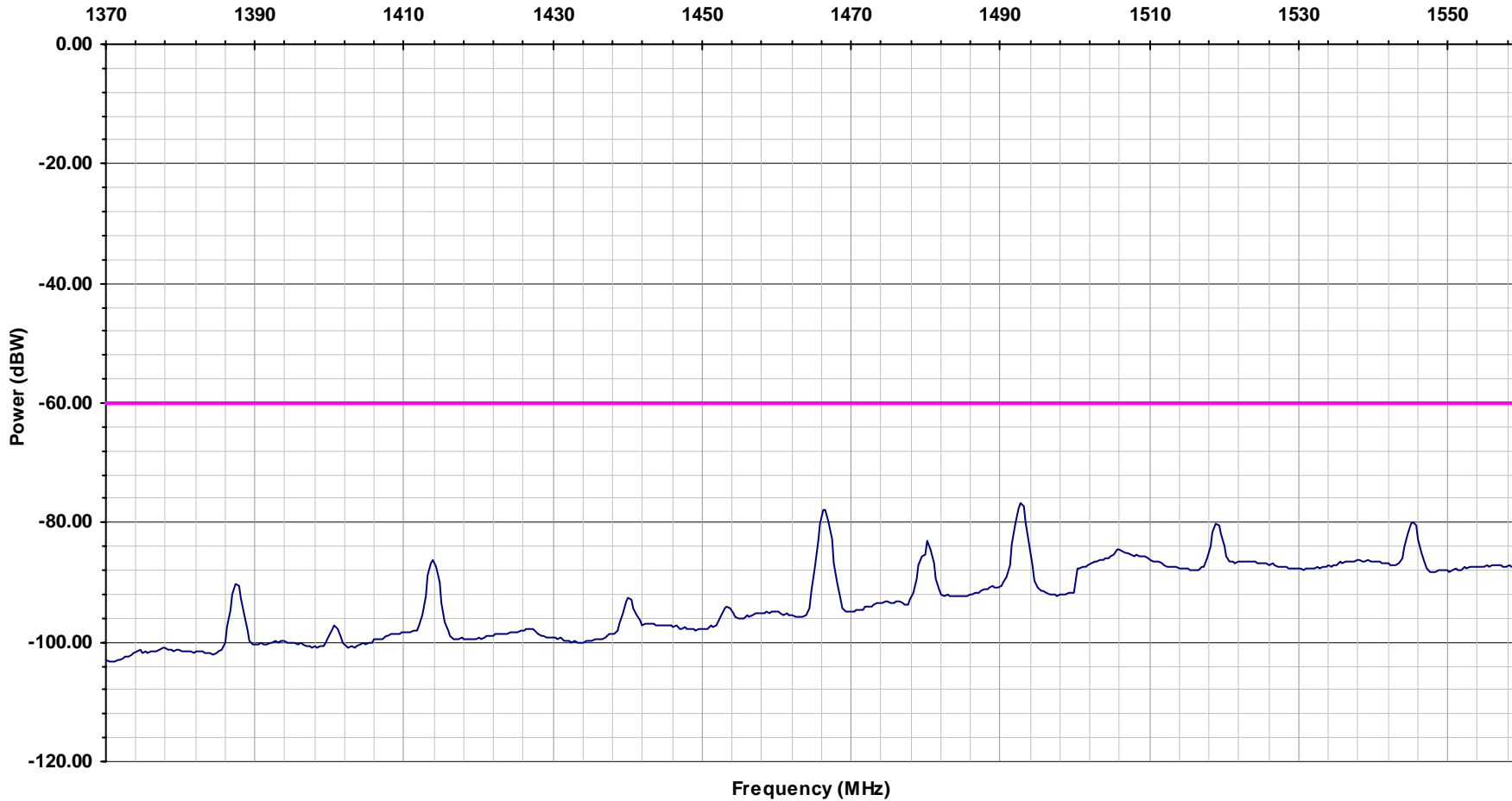
Ave: -106.1759 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1370.00MHz to 1559.00MHz

188



Max: -76.59 dBW @1492.7174 MHz

Min: -103.3 dBW @1370.3788 MHz

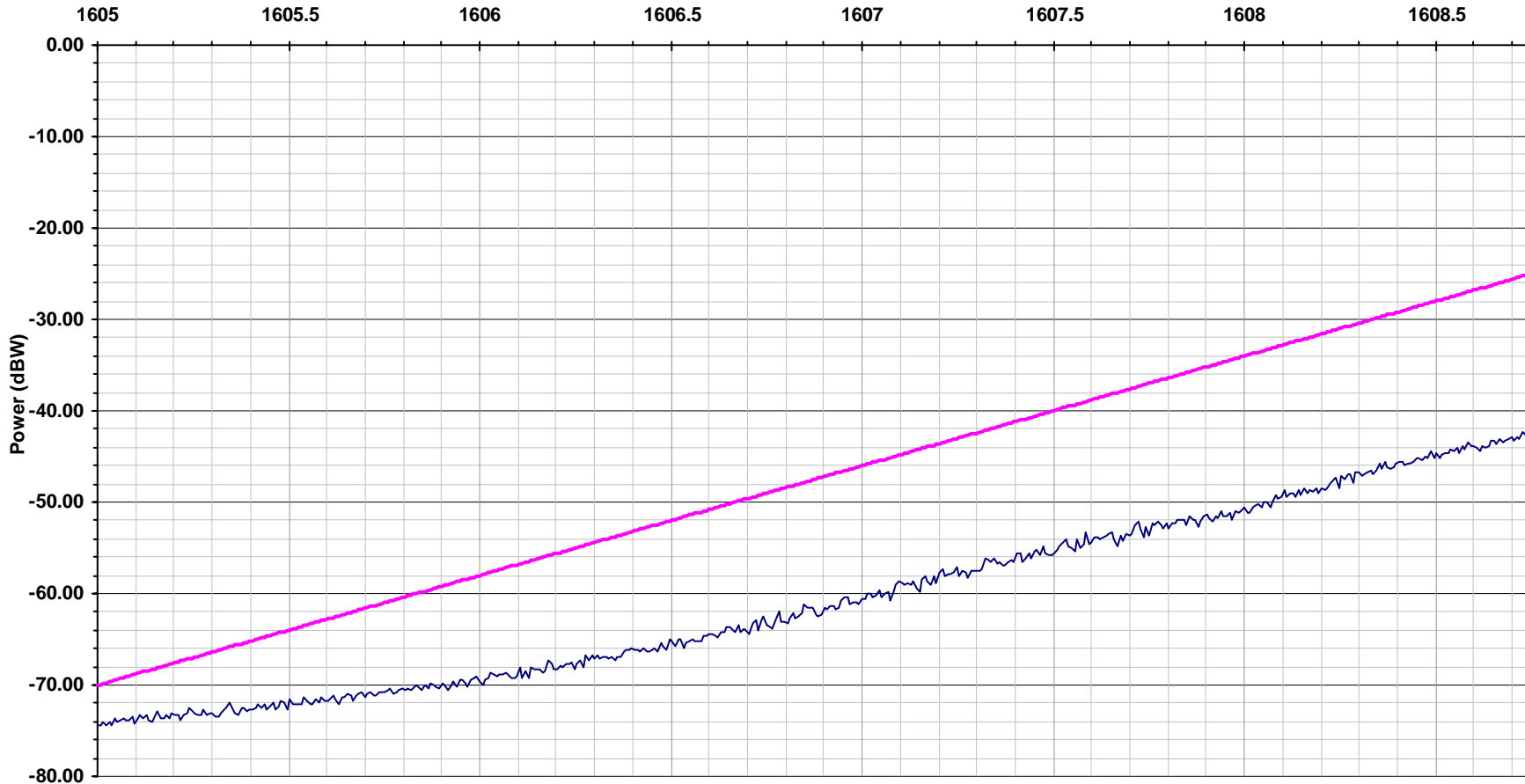
Ave: -93.1243 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1605.00MHz to 1608.75MHz

191



Max: -42.28 dBW @1608.7275 MHz

Min: -74.47 dBW @1605.0 MHz

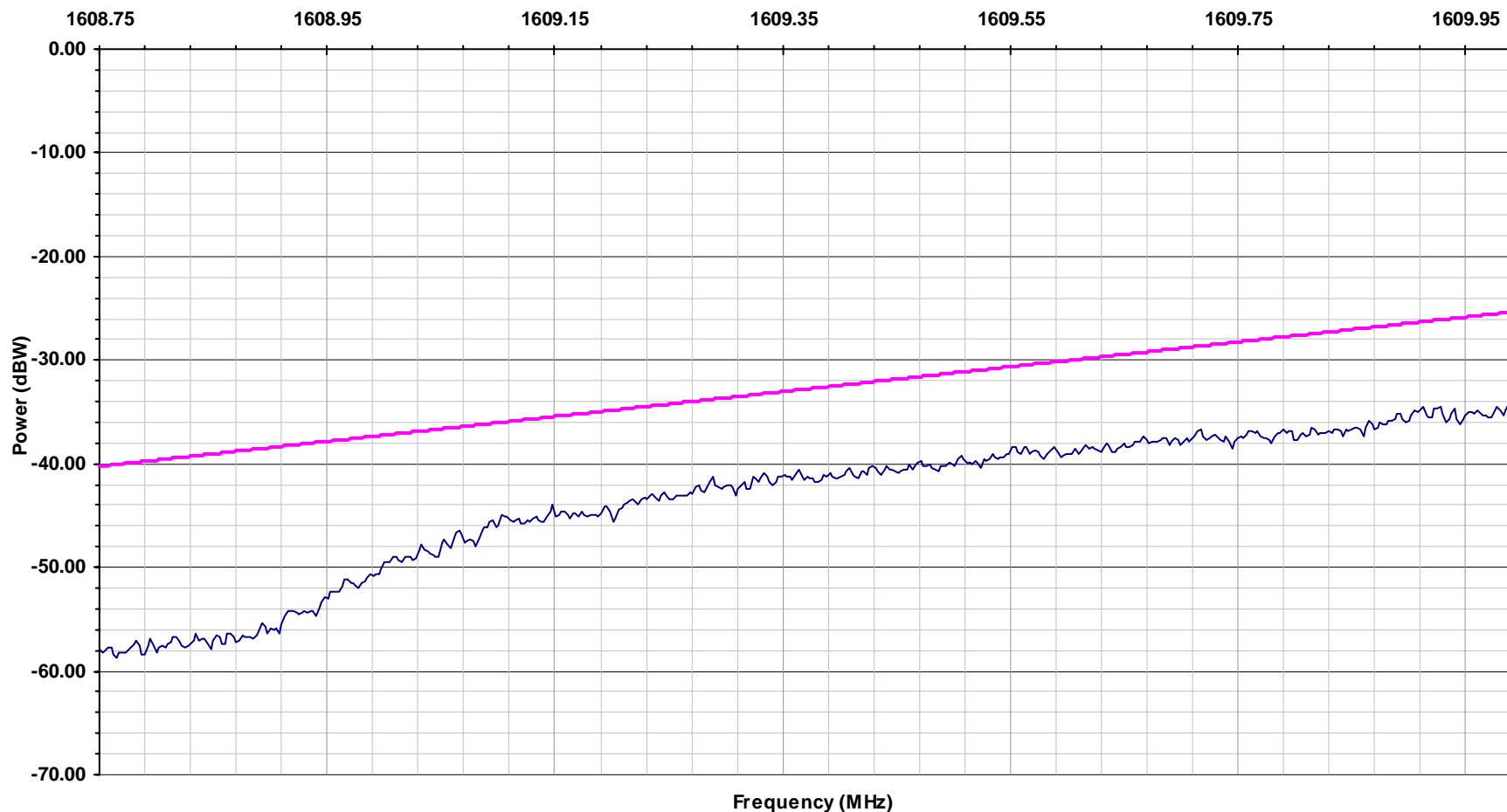
Ave: -60.6554 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1608.75MHz to 1610.00MHz

192



Max: -32.45 dBW @1610.0 MHz

Min: -58.74 dBW @1608.765 MHz

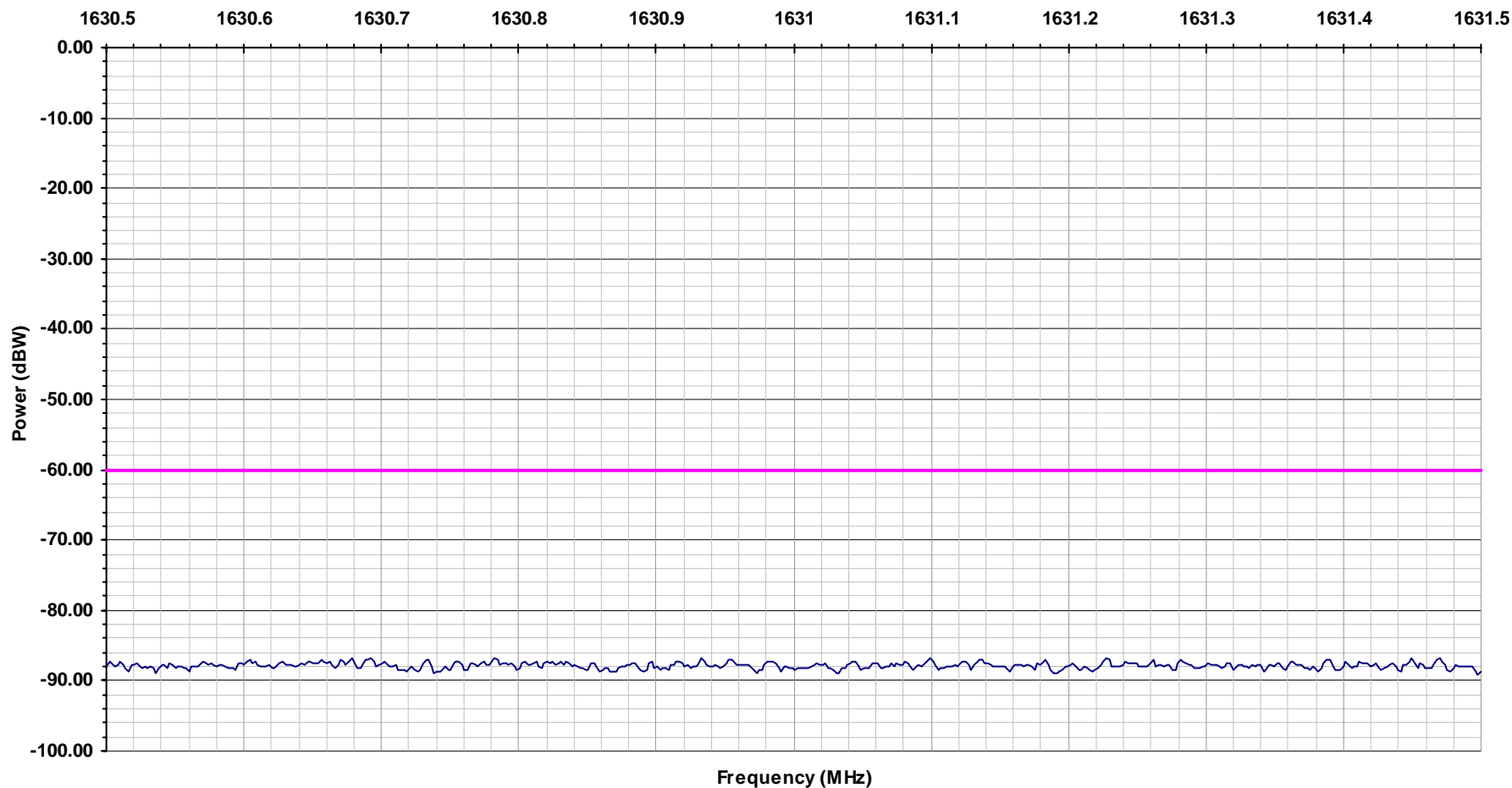
Ave: -43.4695 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1630.50MHz to 1631.50MHz

194



Max: -86.7 dBW @1630.6924 MHz

Min: -89.19 dBW @1631.498 MHz

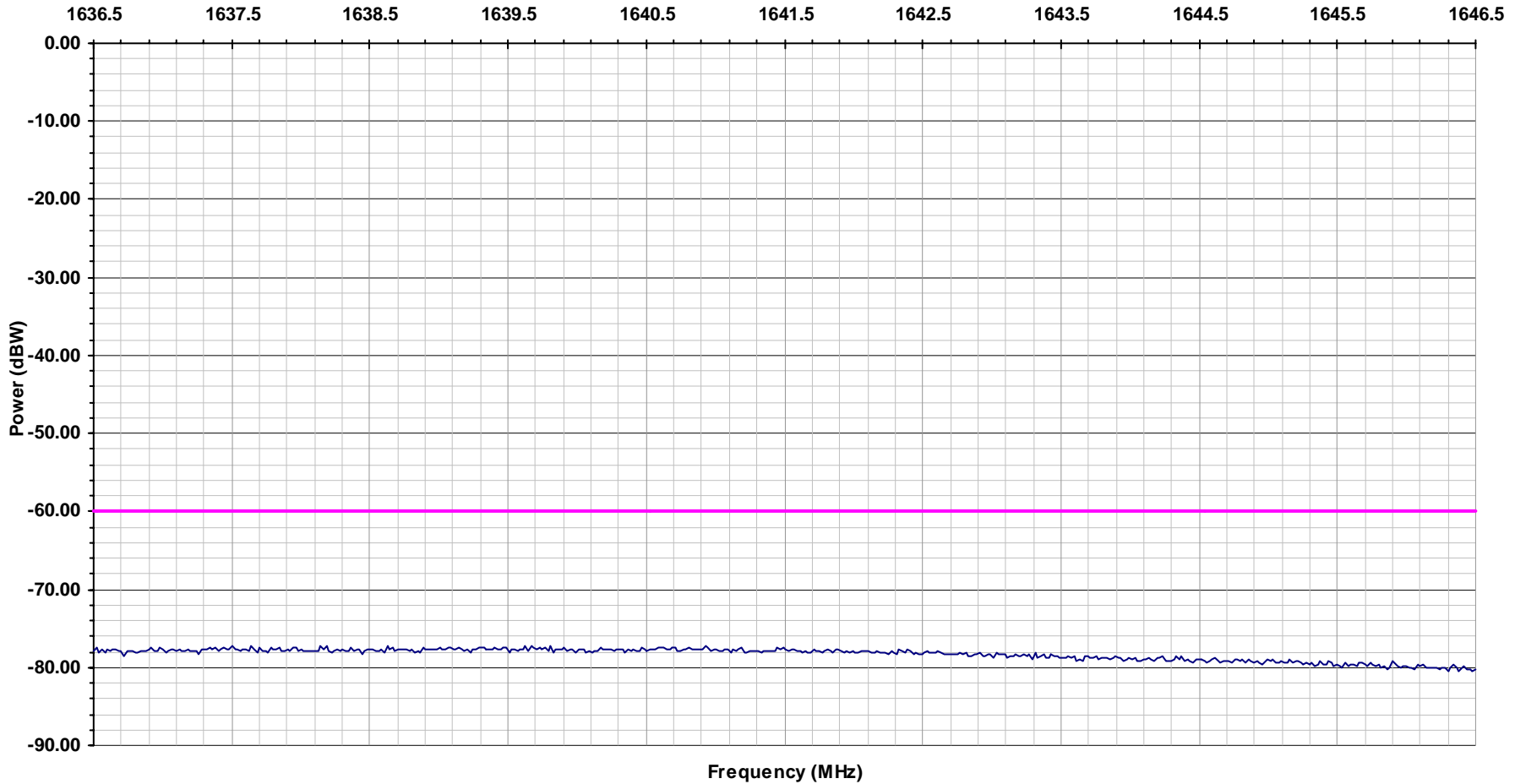
Ave: -87.8621 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1636.50MHz to 1646.50MHz

196



Max: -77.14 dBW @1638.6242 MHz

Min: -80.52 dBW @1646.48 MHz

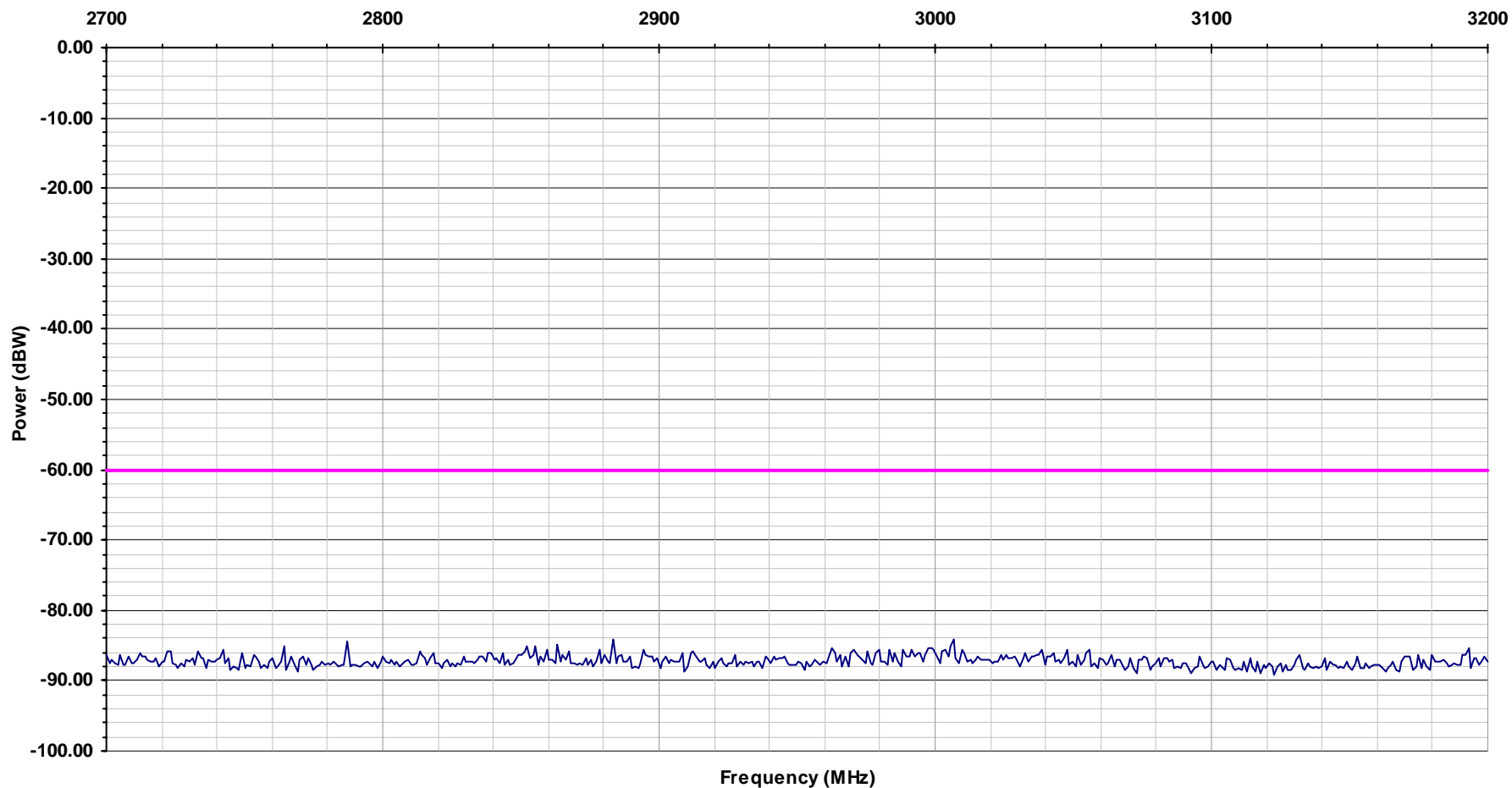
Ave: -78.3035 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 2700.00MHz to 3200.00MHz

200



Max: -84.18 dBW @2883.3667 MHz

Min: -89.2 dBW @3122.8457 MHz

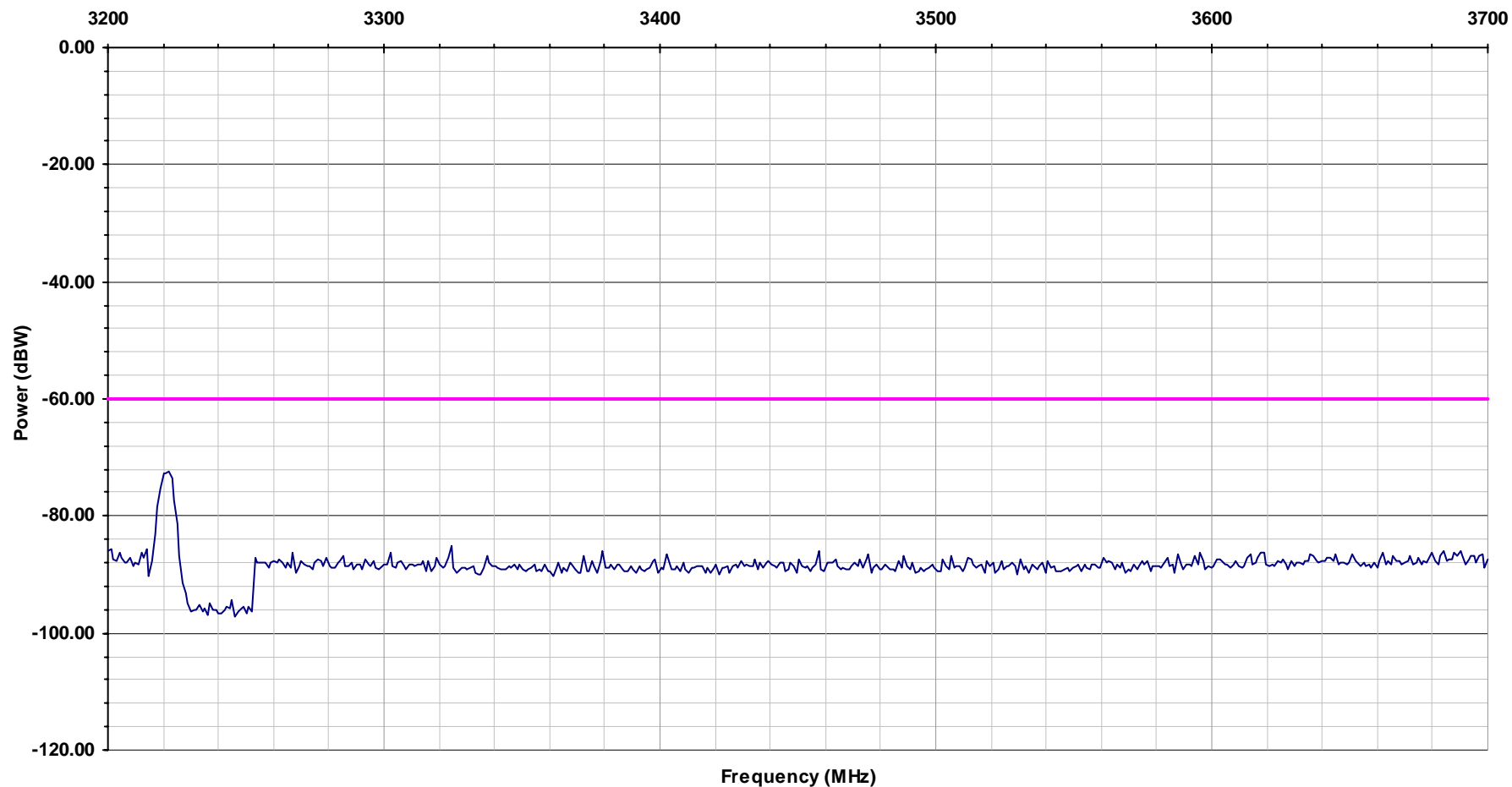
Ave: -87.2218 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 3200.00MHz to 3700.00MHz

201



Max: -72.45 dBW @3222.0441 MHz

Min: -97.23 dBW @3246.0922 MHz

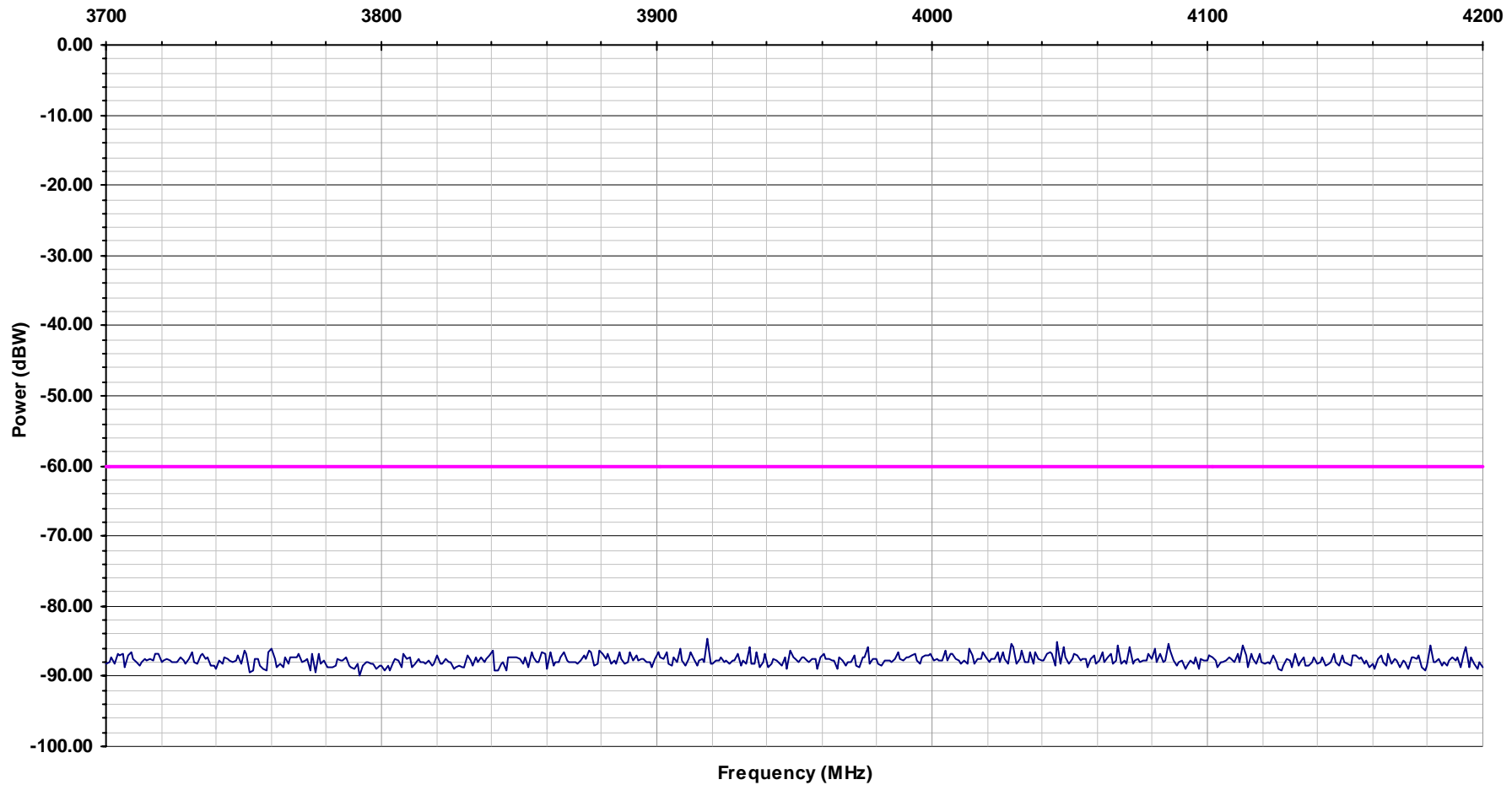
Ave: -88.4811 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 3700.00MHz to 4200.00MHz

202



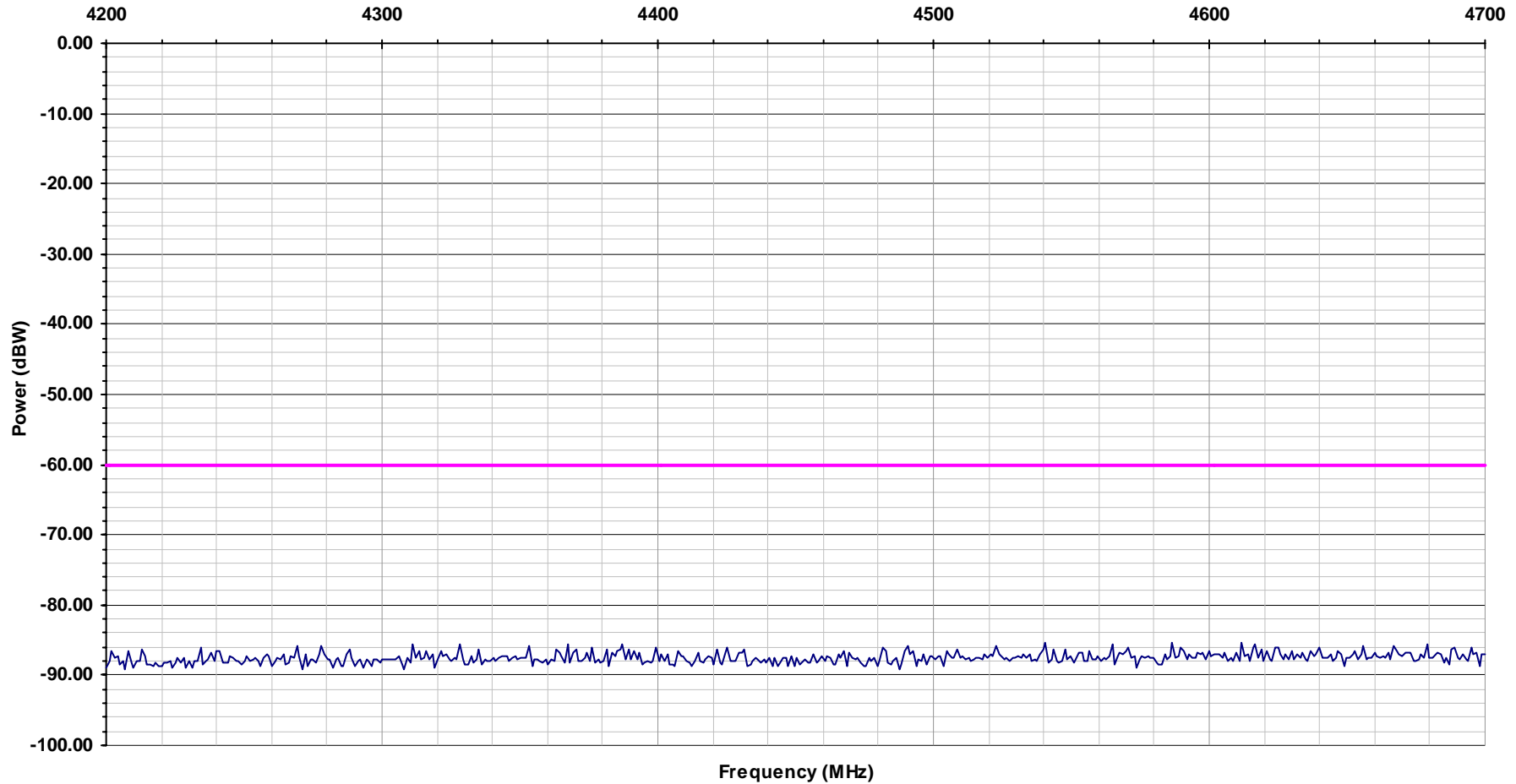
Max: -84.63 dBW @3918.4369 MHz
Min: -89.81 dBW @3792.1844 MHz **Ave:** -87.6854 dBW

PlotTitle

Plot Number

Channel# 4 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 4200.00MHz to 4700.00MHz

203



Max: -85.3 dBW @4611.8236 MHz

Min: -89.27 dBW @4487.5752 MHz

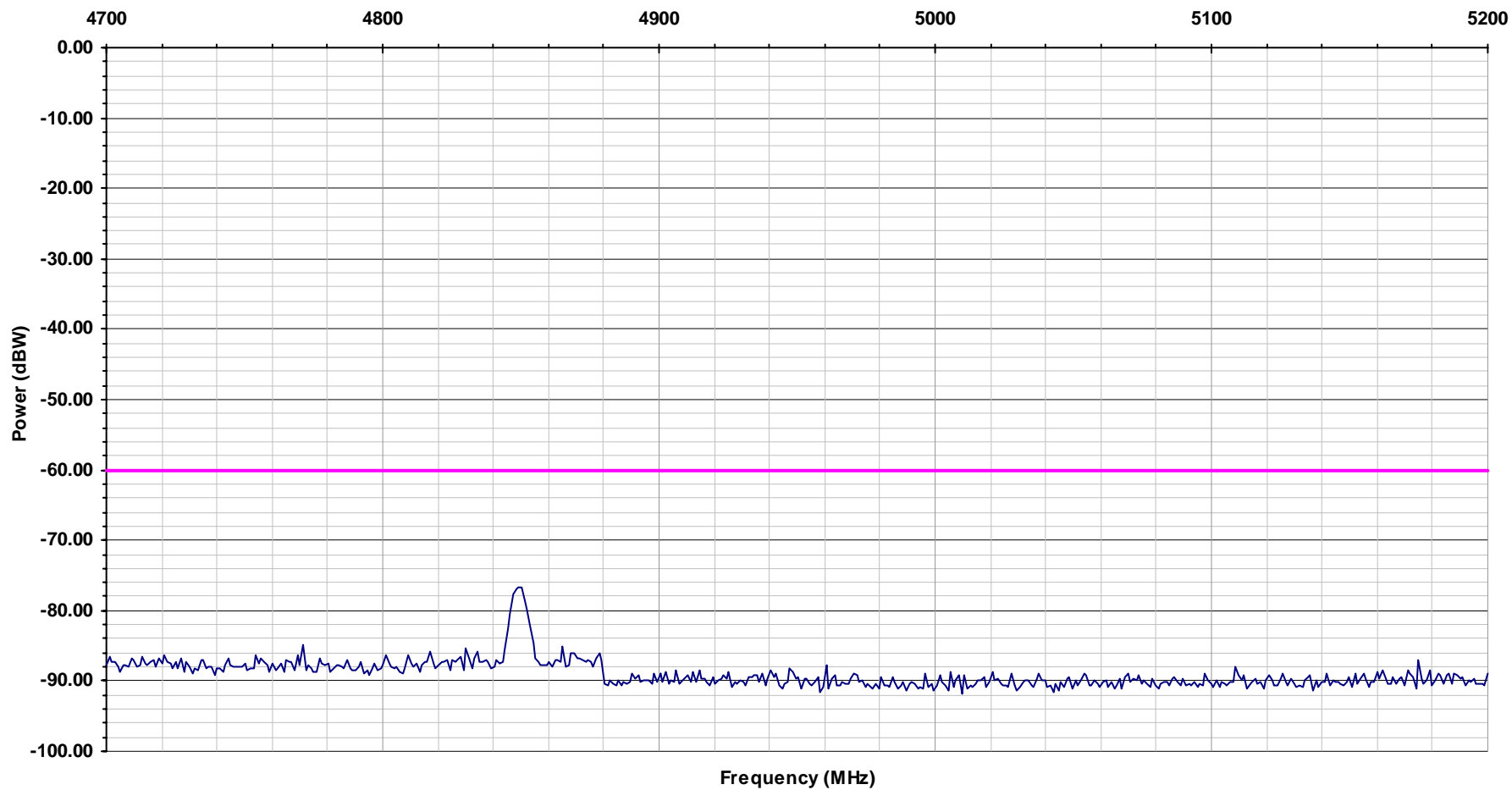
Ave: -87.5153 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 4700.00MHz to 5200.00MHz

204



Max: -76.73 dBW @4850.3006 MHz

Min: -91.83 dBW @5009.6192 MHz

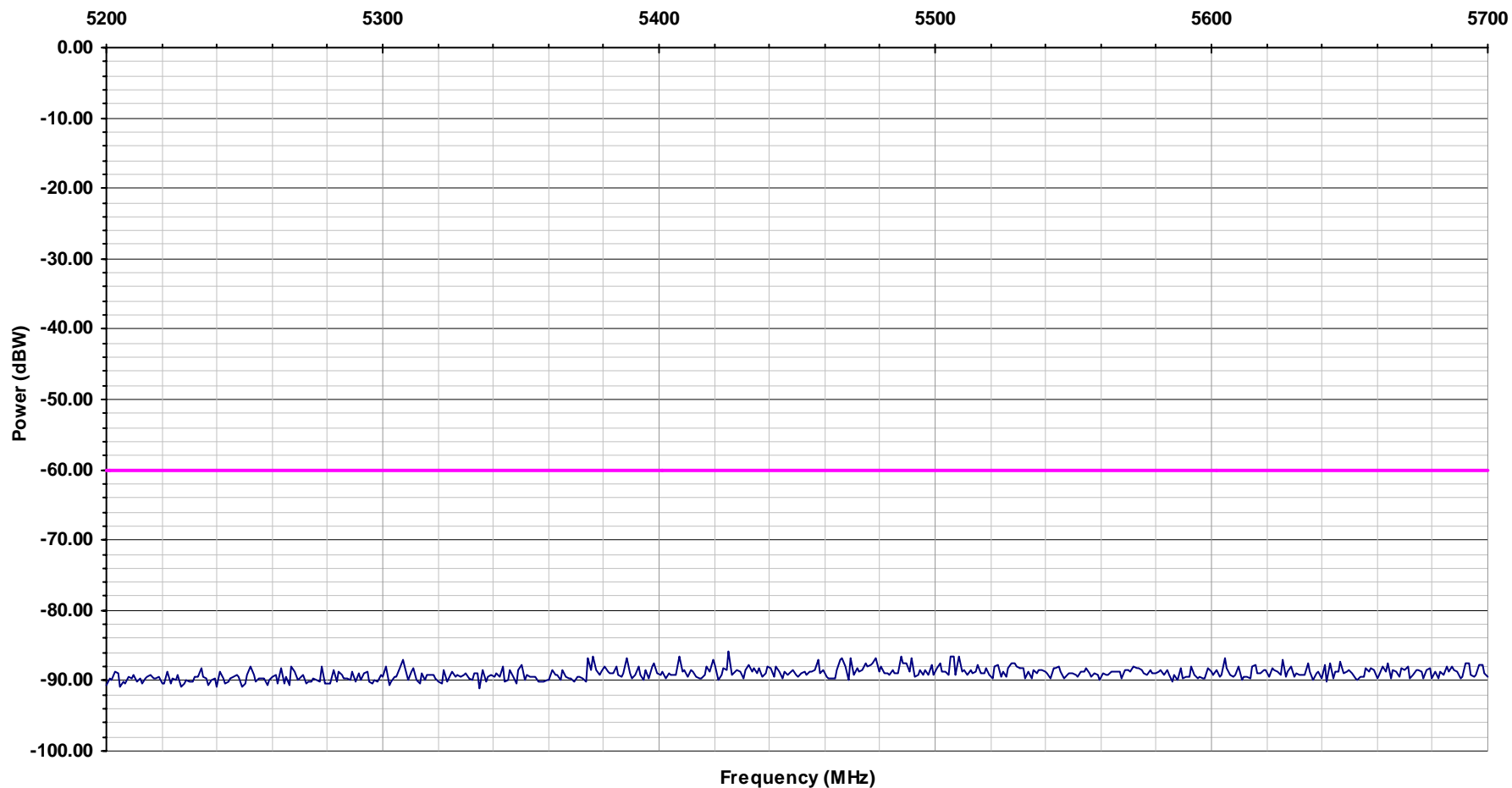
Ave: -88.9909 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 5200.00MHz to 5700.00MHz

205



Max: -85.74 dBW @5425.4509 MHz

Min: -91.1 dBW @5335.2705 MHz

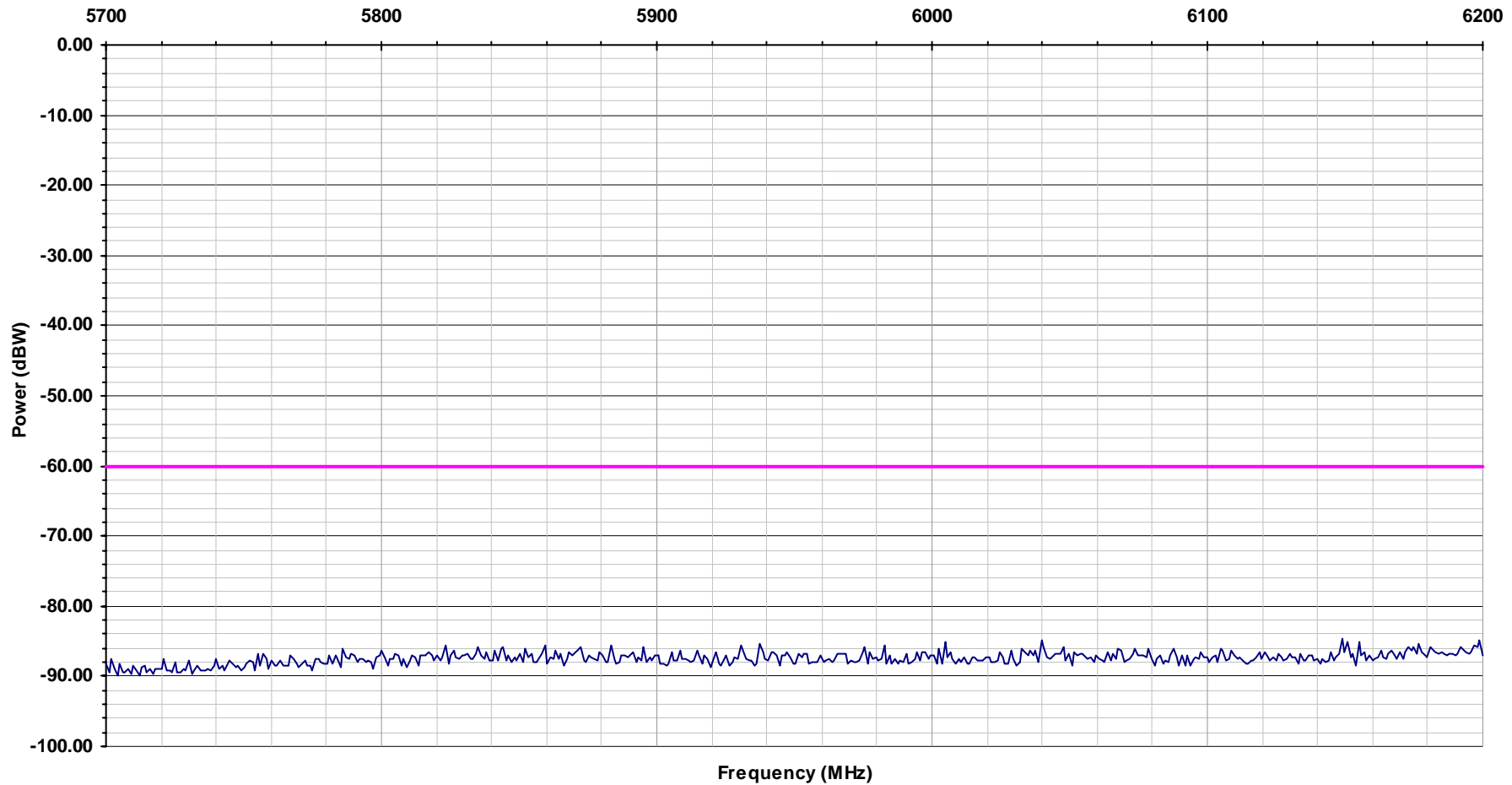
Ave: -88.9839 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 5700.00MHz to 6200.00MHz

206



Max: -84.52 dBW @6148.8978 MHz

Min: -89.88 dBW @5704.008 MHz

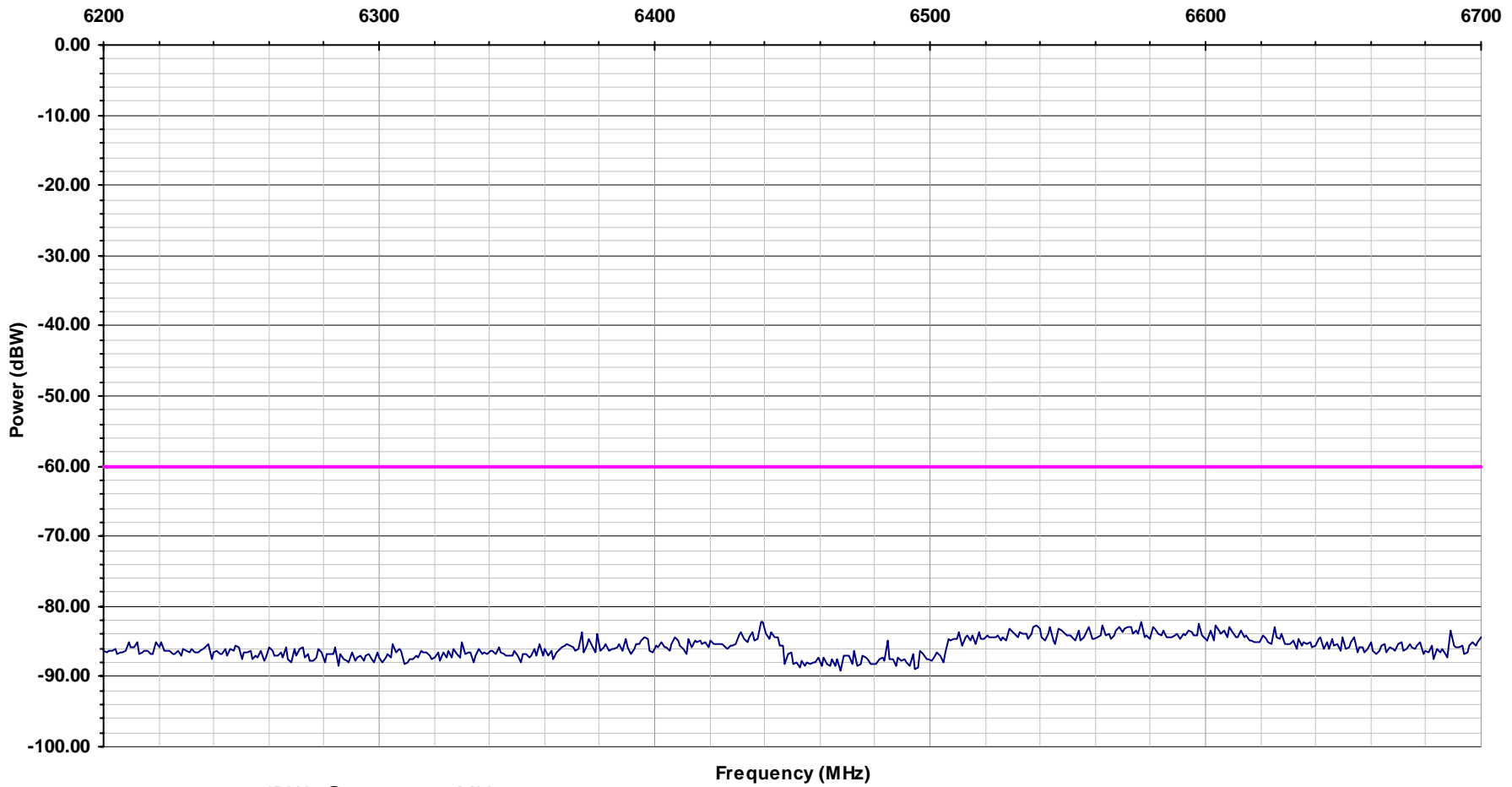
Ave: -87.4492 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 6200.00MHz to 6700.00MHz

207



Max: -82.23 dBW @6576.7535 MHz

Min: -89.14 dBW @6467.5351 MHz

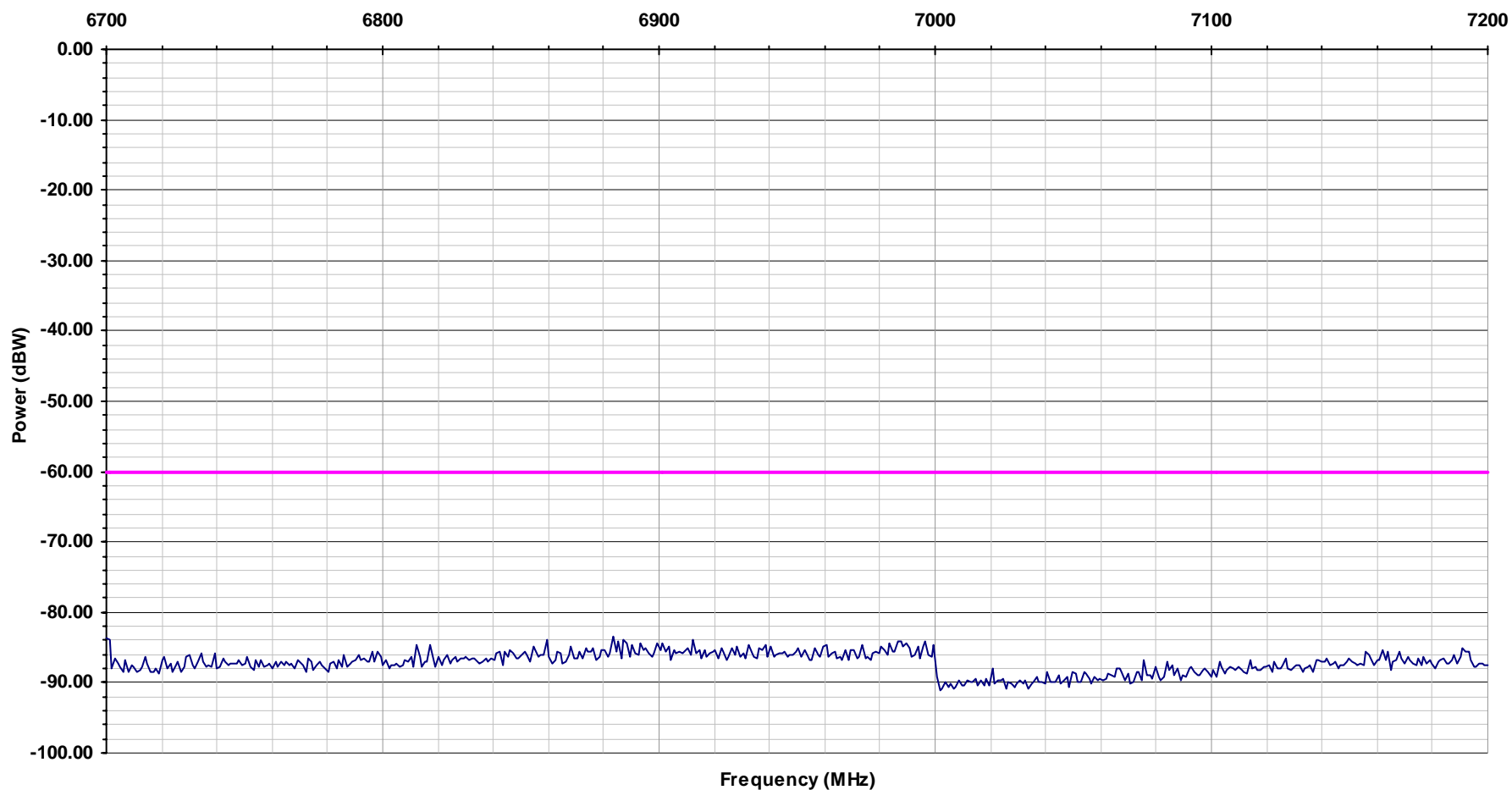
Ave: -85.7864 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 6700.00MHz to 7200.00MHz

208



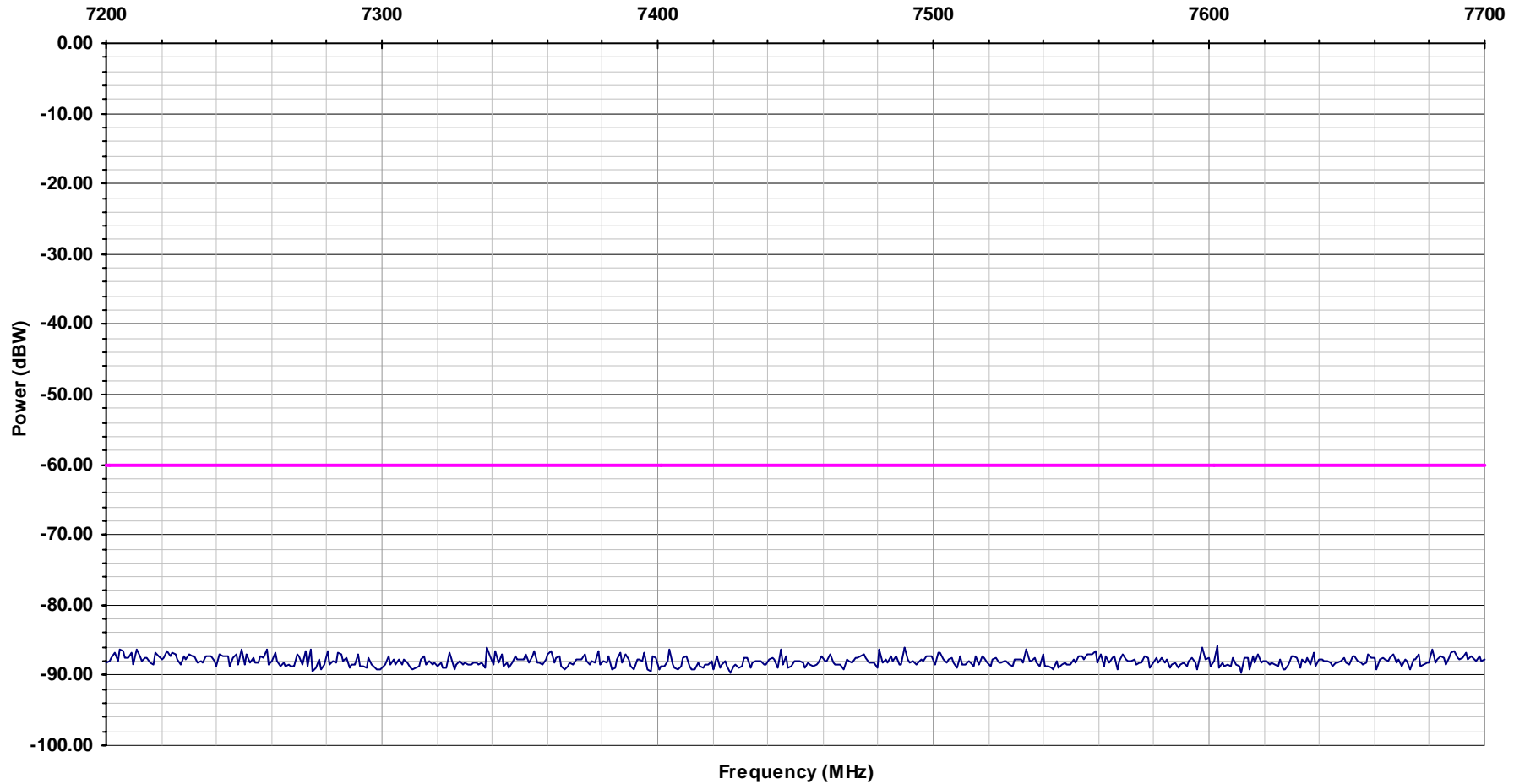
Max: -83.52 dBW @6883.3667 MHz
Min: -91.09 dBW @7001.6032 MHz **Ave:** -87.1474 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 7200.00MHz to 7700.00MHz

209



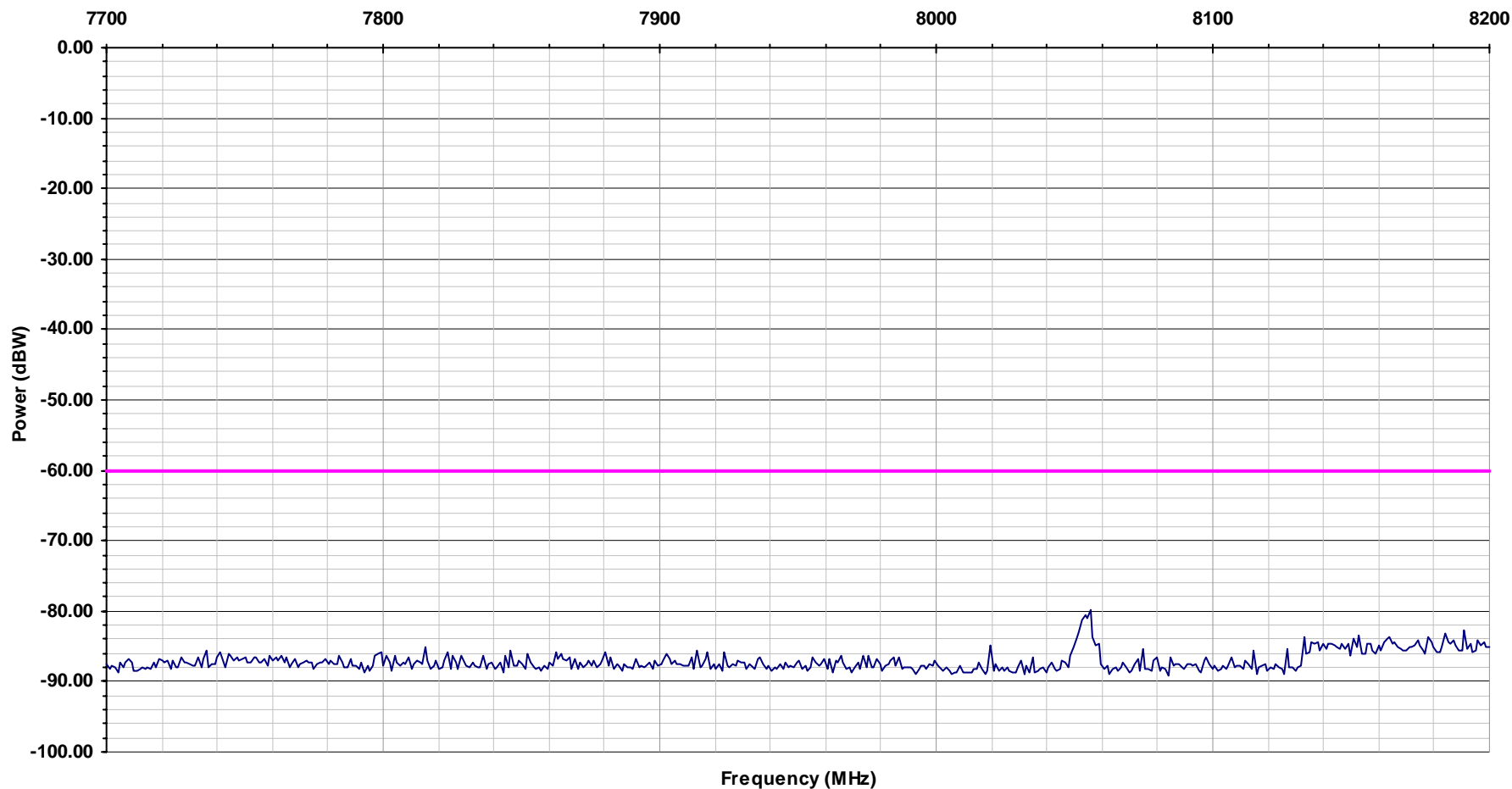
Max: -85.94 dBW @7602.8056 MHz
Min: -89.74 dBW @7611.8236 MHz **Ave:** -87.9695 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 7700.00MHz to 8200.00MHz

210



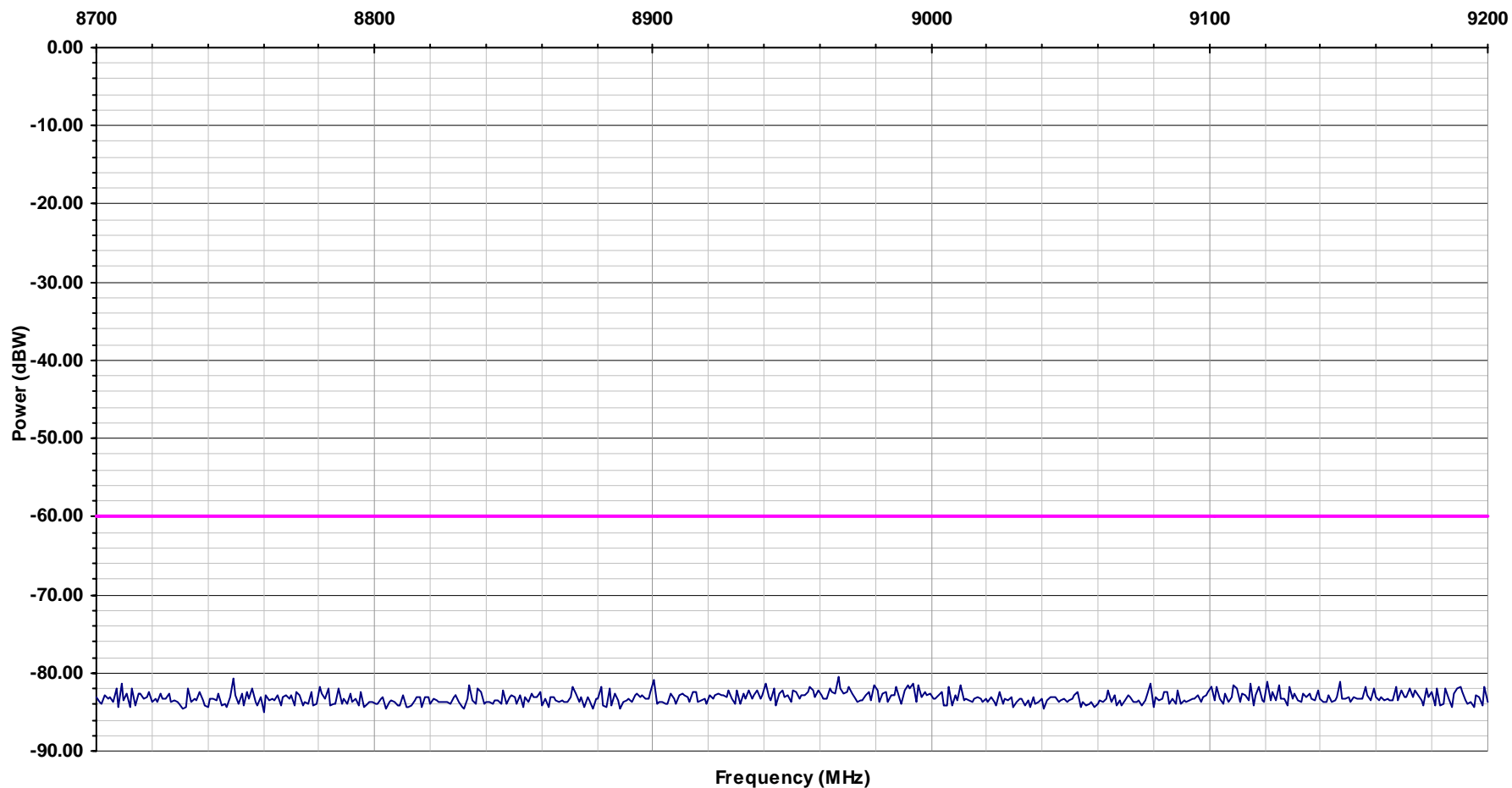
Max: -79.78 dBW @8055.7114 MHz
Min: -89.26 dBW @8083.7675 MHz Ave: -87.1096 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 8700.00MHz to 9200.00MHz

212



Max: -80.44 dBW @8966.5331 MHz

Min: -85.07 dBW @8760.1202 MHz

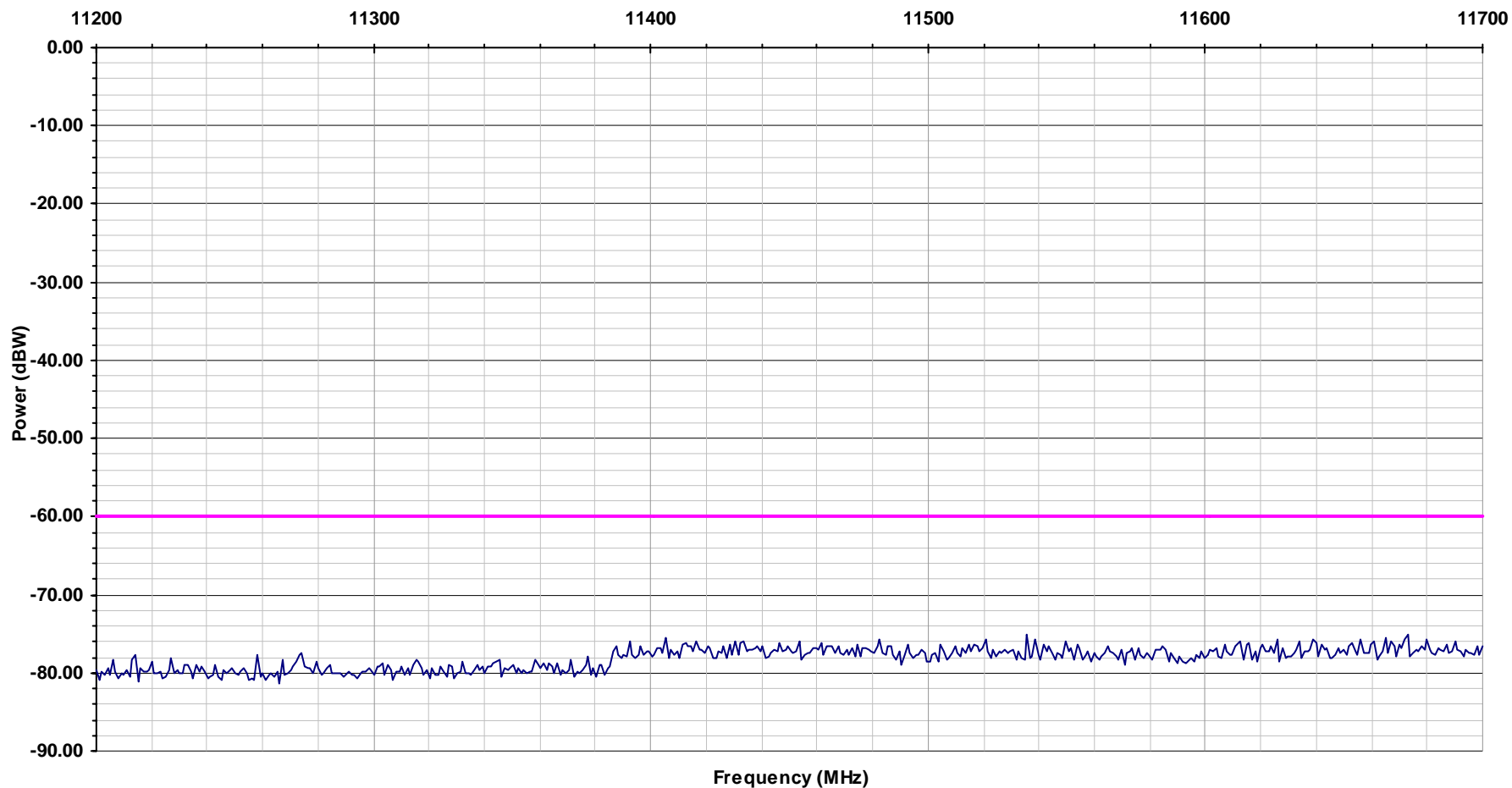
Ave: -83.2047 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 11200.00MHz to 11700.00MHz

217



Max: -75.17 dBW @11672.9459 MHz

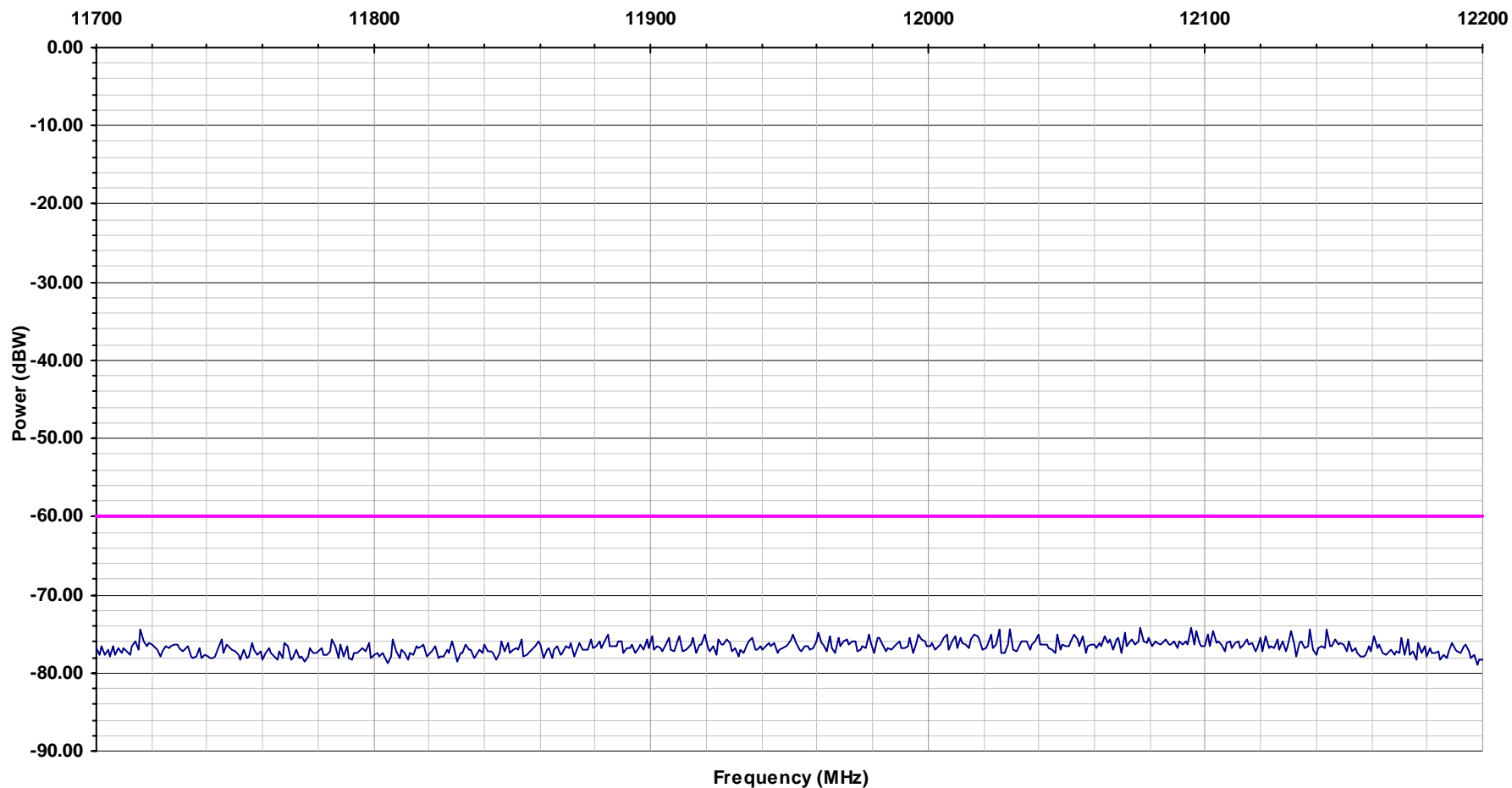
Min: -81.4 dBW @11266.1323 MHz Ave: -78.1498 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 11700.00MHz to 12200.00MHz

218



Max: -74.2 dBW @12076.7535 MHz

Min: -78.97 dBW @12197.996 MHz

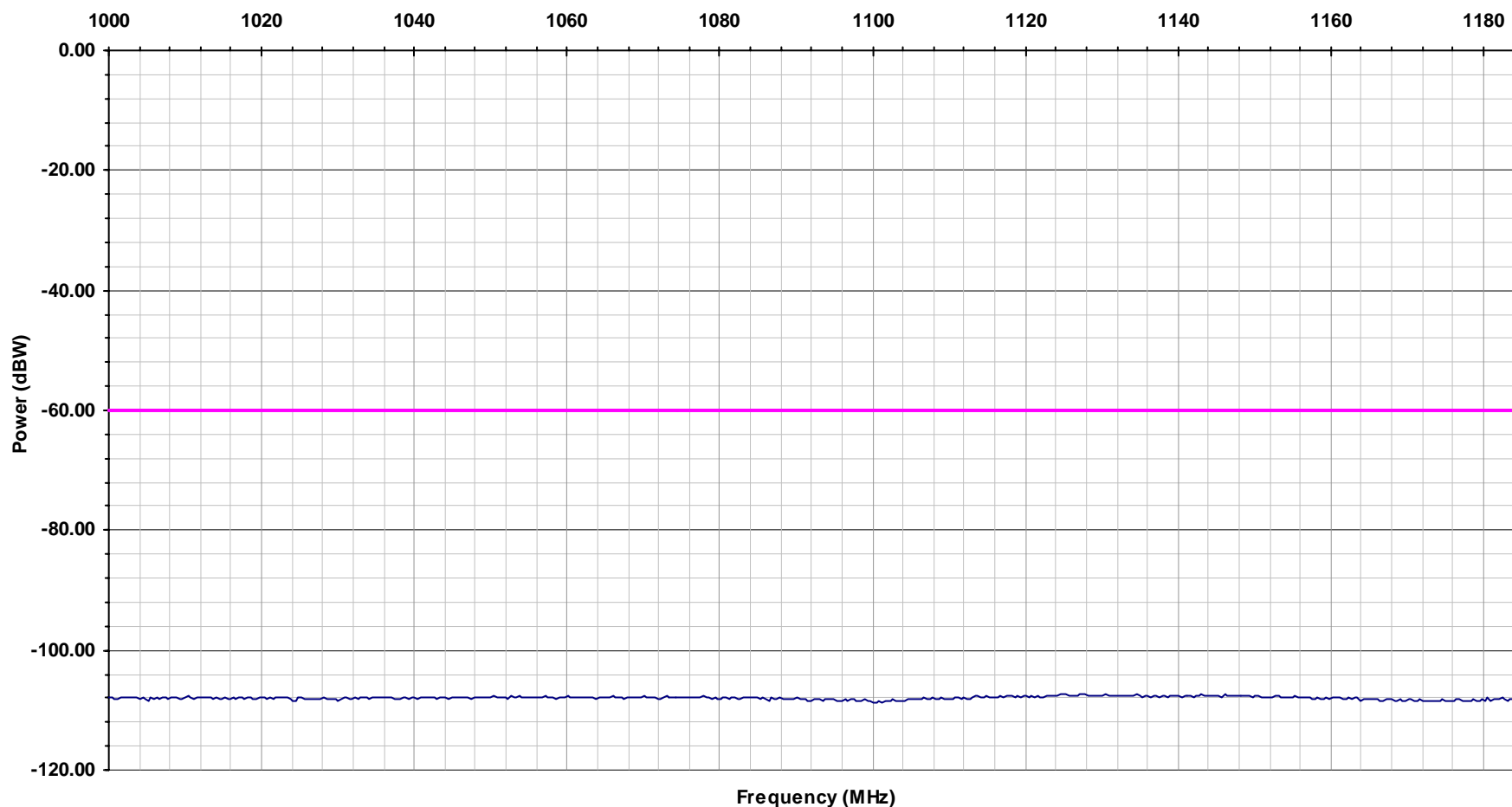
Ave: -76.7219 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1000.00MHz to 1185.00MHz

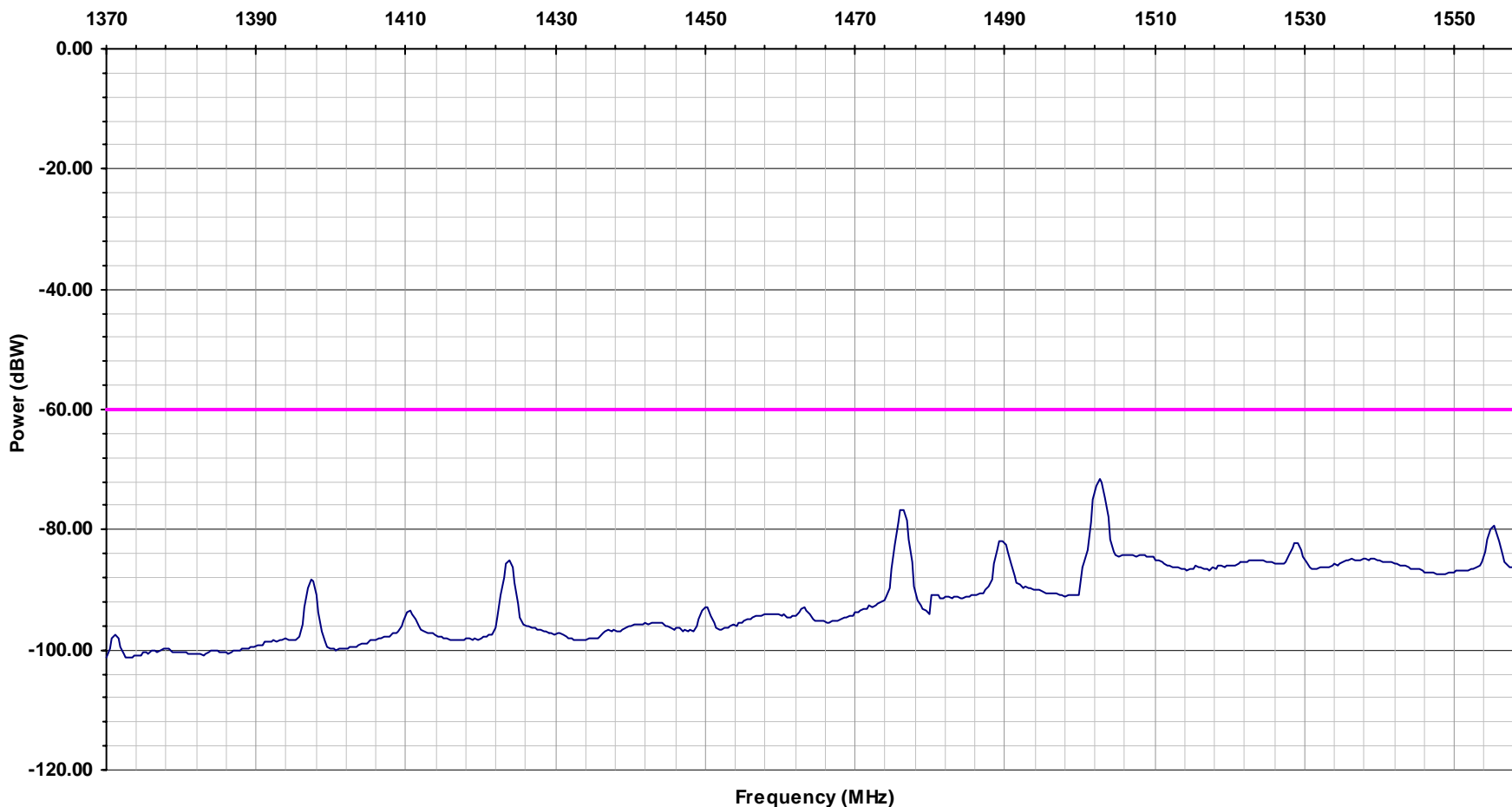
286



Max: -107.23 dBW @1124.9399 MHz
Min: -108.63 dBW @1100.1002 MHz Ave: -107.9675 dB

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1370.00MHz to 1559.00MHz

288



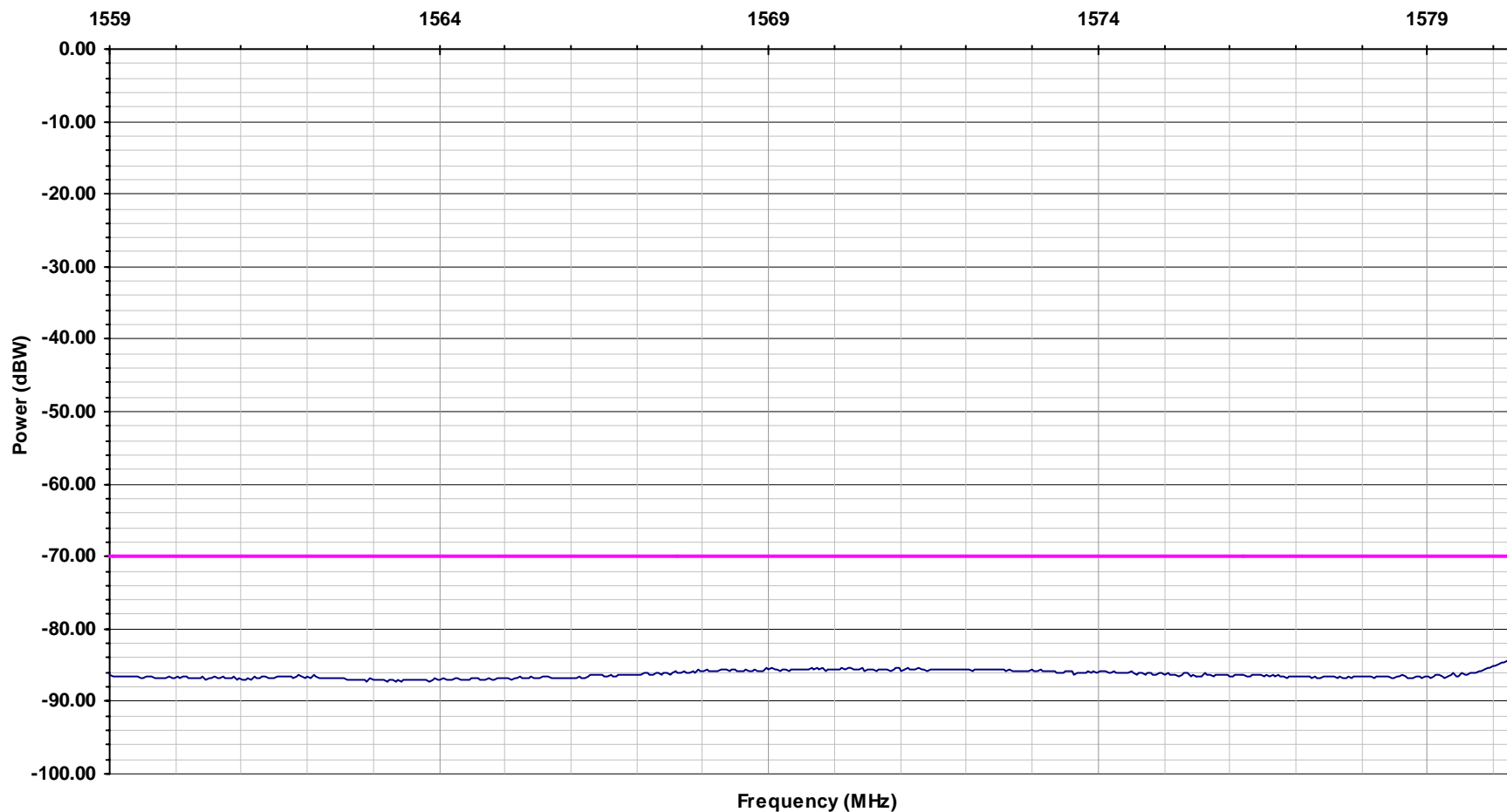
Max: -71.53 dBW @1502.5651 MHz
 Min: -101.37 dBW @1373.0301 MHz Ave: -92.0497 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1559.00MHz to 1580.42MHz

289



Max: -83.08 dBW @ 1580.42 MHz

Min: -87.2 dBW @ 1563.3355 MHz

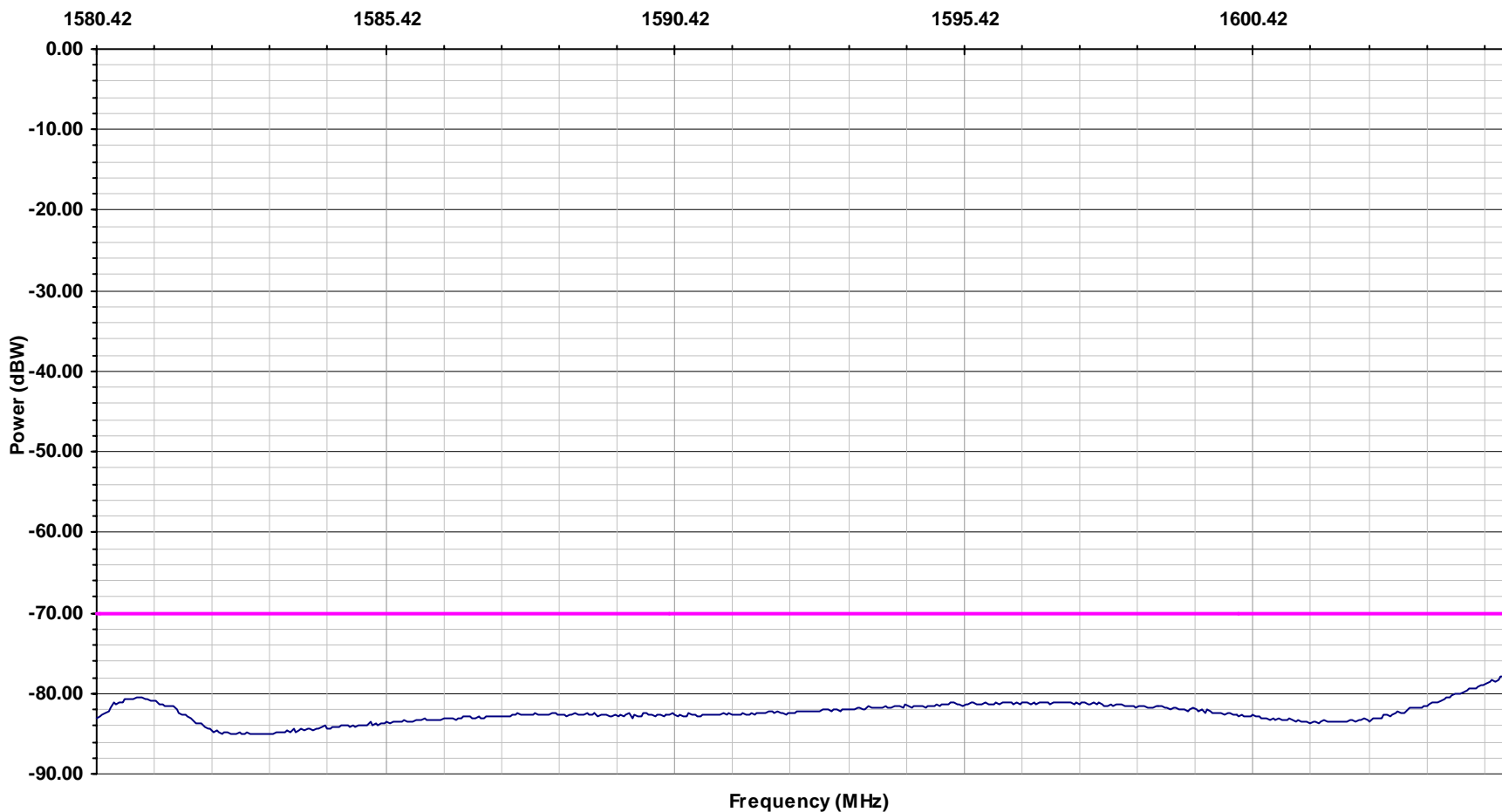
Ave: -86.2518 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

290



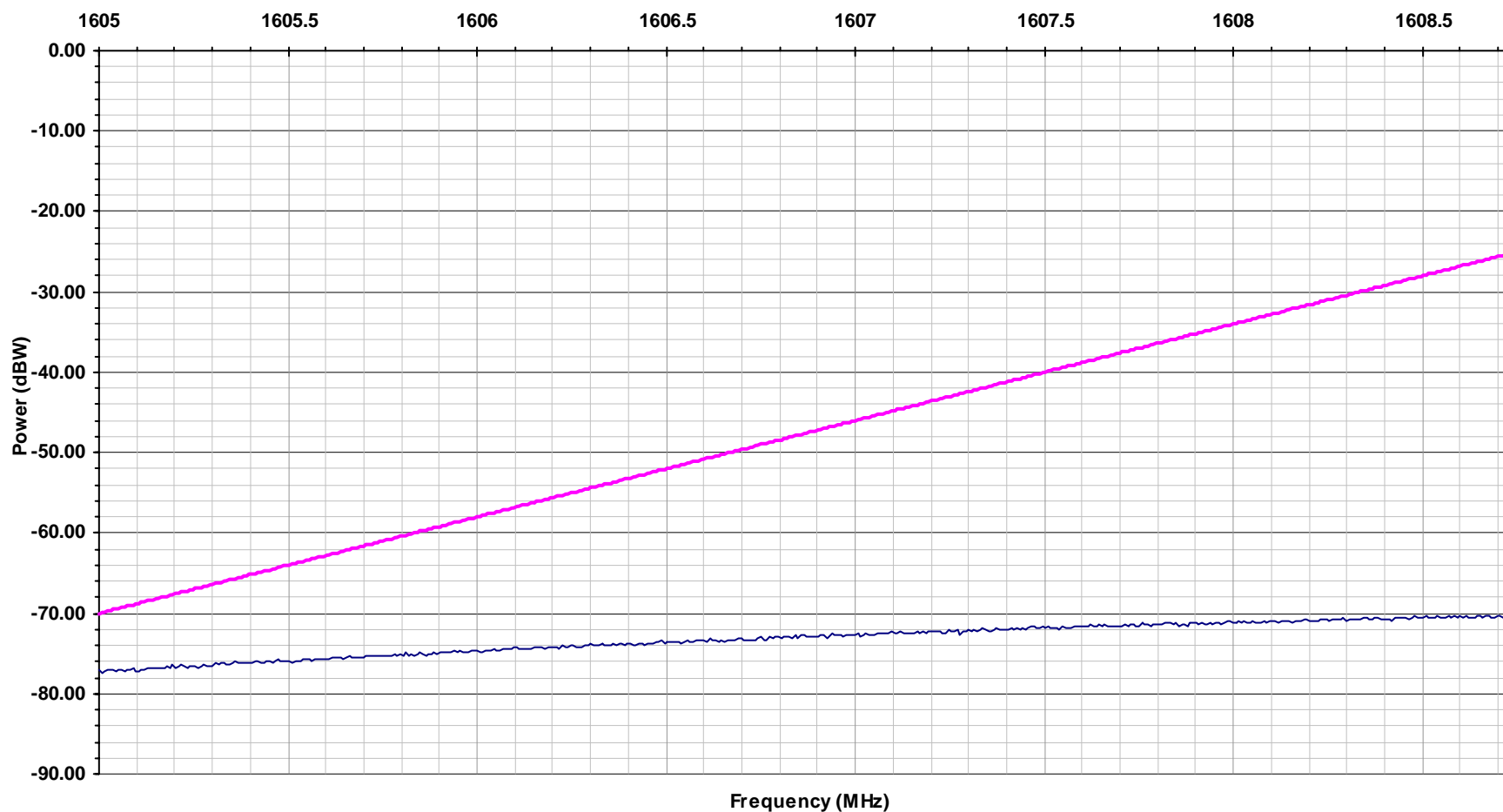
Max: -77.15 dBW @1605.0 MHz
Min: -85.07 dBW @1583.1292 MHz Ave: -82.3734 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1605.00MHz to 1608.75MHz

291



Max: -70.28 dBW @1608.7275 MHz

Min: -77.38 dBW @1605.0075 MHz

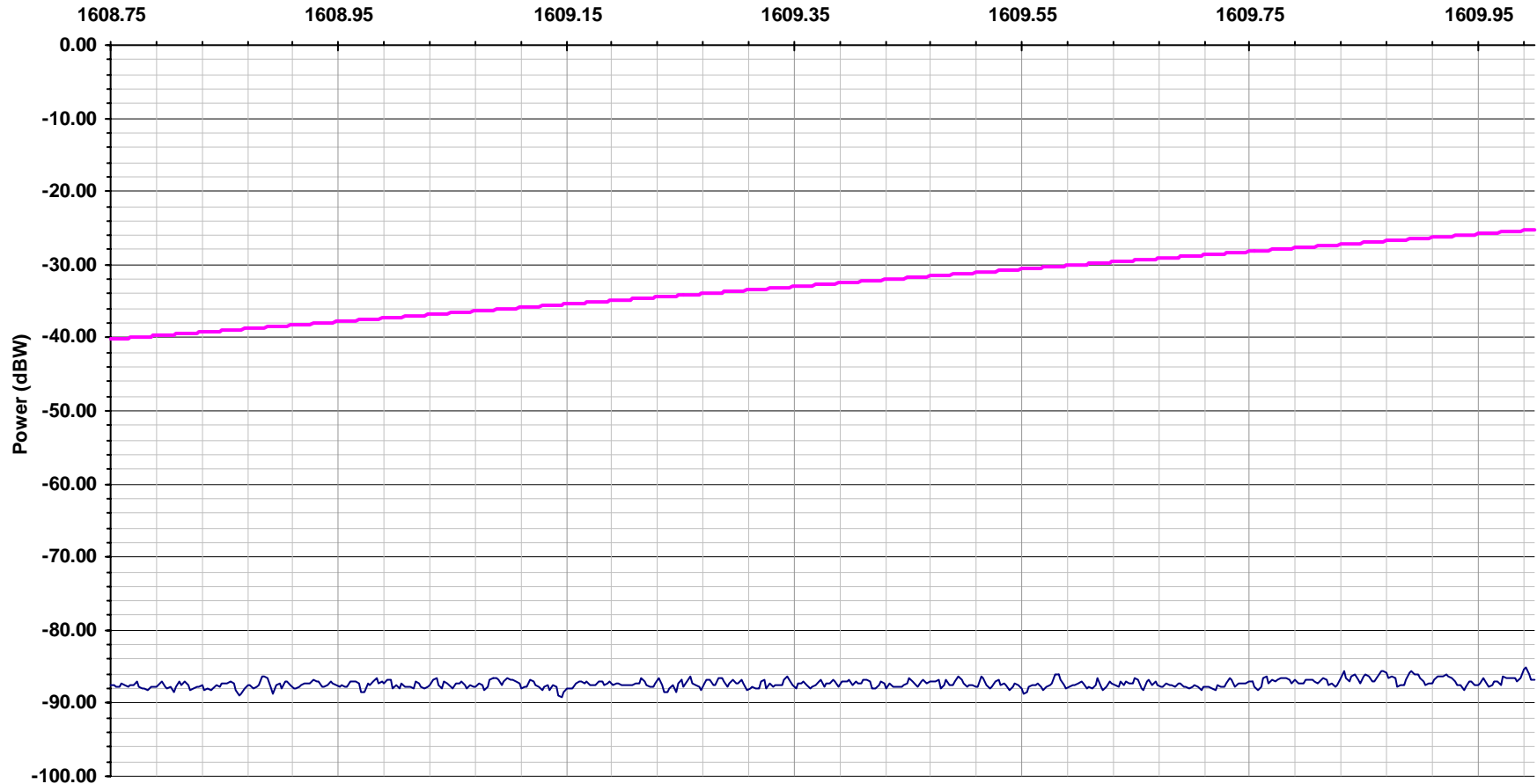
Ave: -73.1833 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1608.75MHz to 1610.00MHz

292



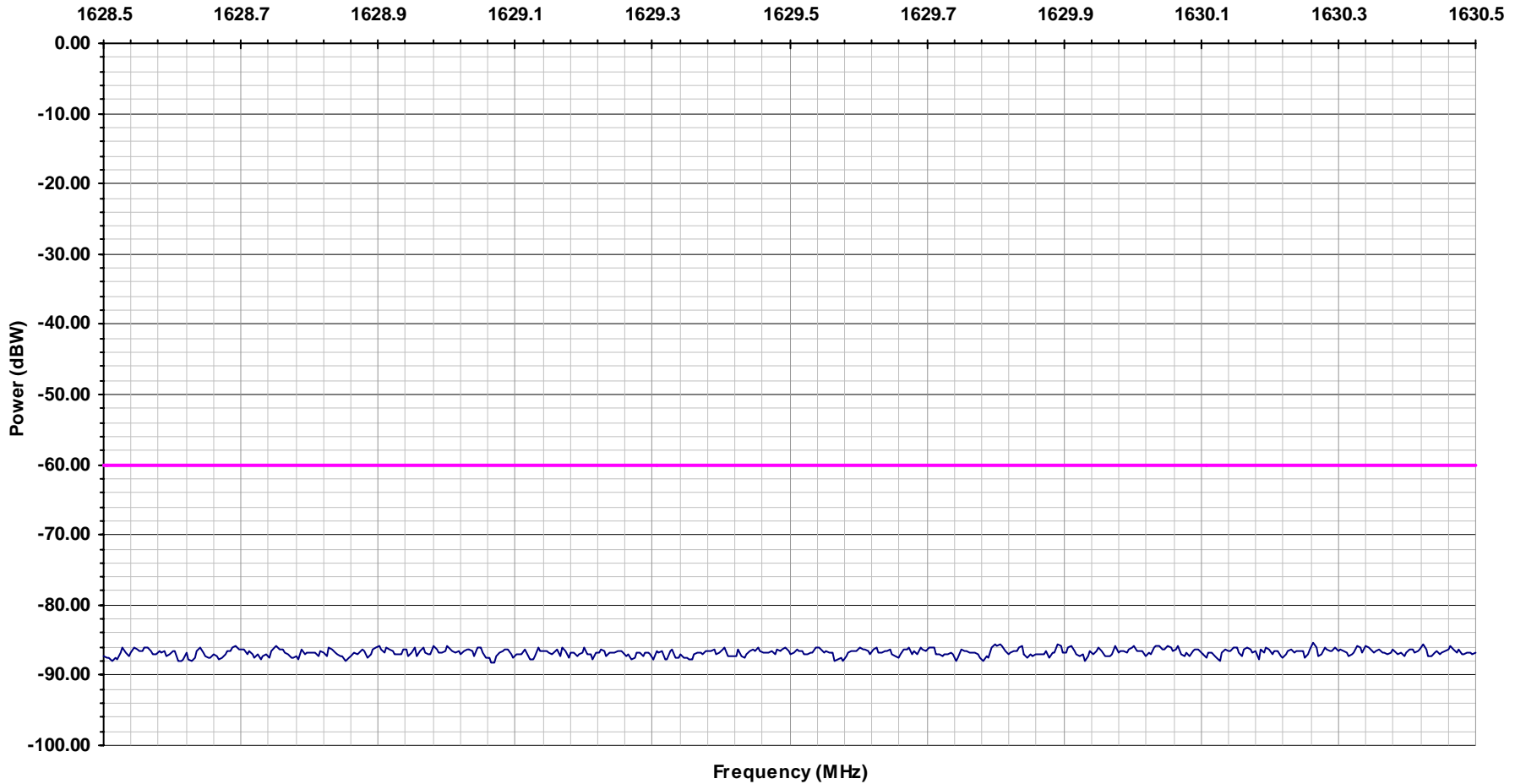
Max: -85.14 dBW @1609.9925 MHz
Min: -89.2 dBW @1609.1458 MHz **Ave:** -87.3159 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1628.50MHz to 1630.50MHz

293



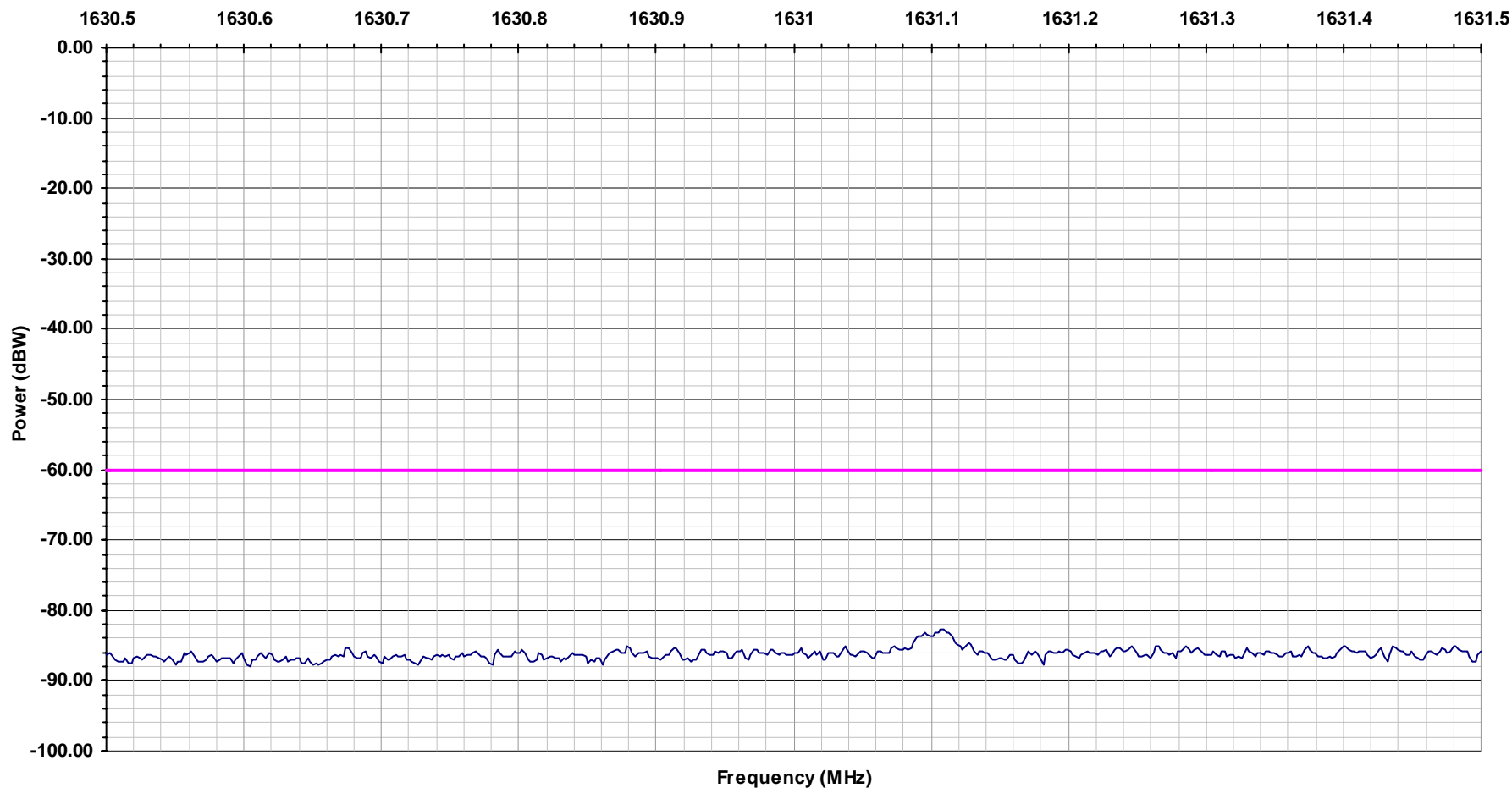
Max: -85.32 dBW @1630.2635 MHz
Min: -88.17 dBW @1629.0651 MHz **Ave:** -86.7499 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1630.50MHz to 1631.50MHz

294



Max: -82.78 dBW @1631.1092 MHz

Min: -88.03 dBW @1630.6042 MHz

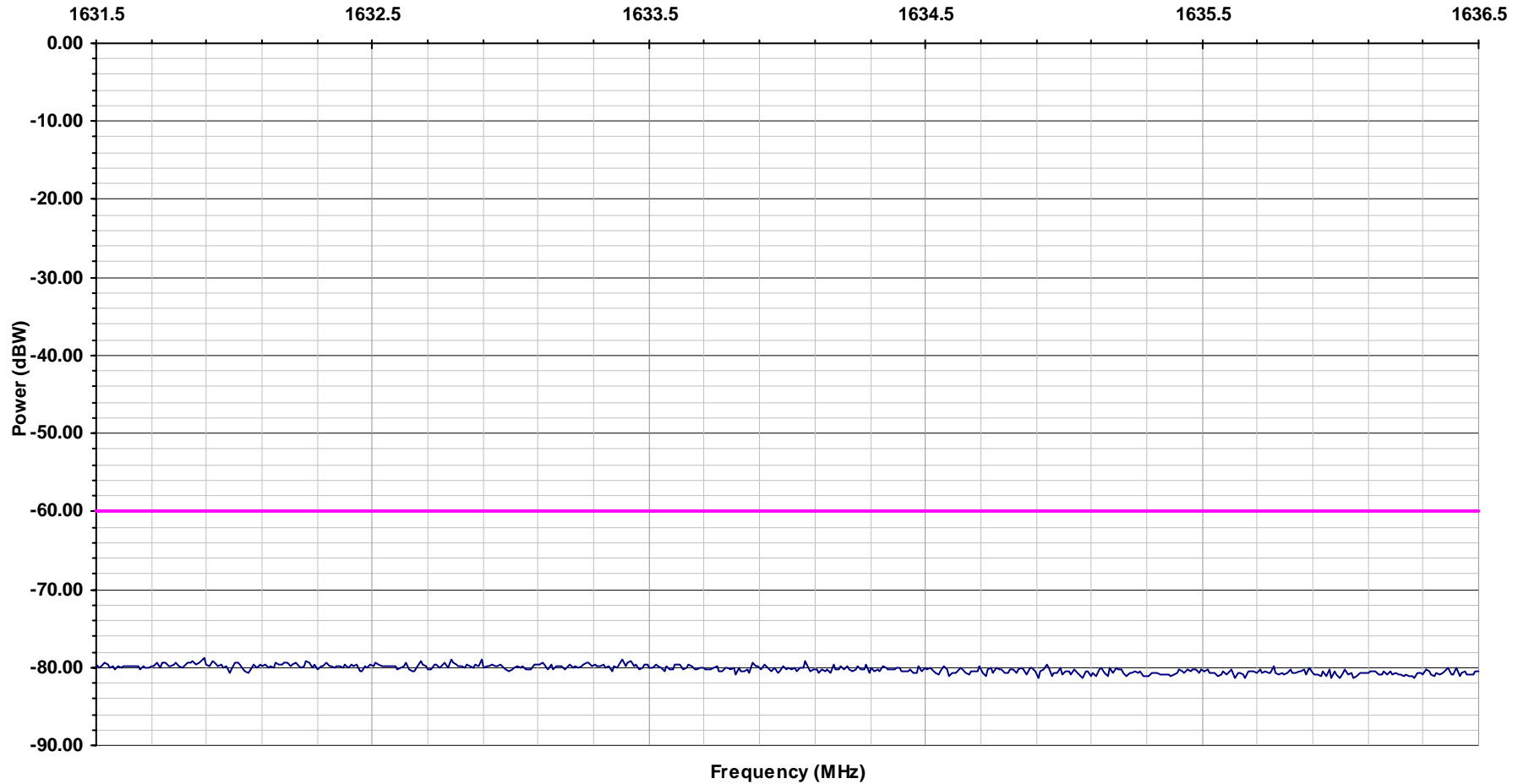
Ave: -86.2356 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1631.50MHz to 1636.50MHz

295



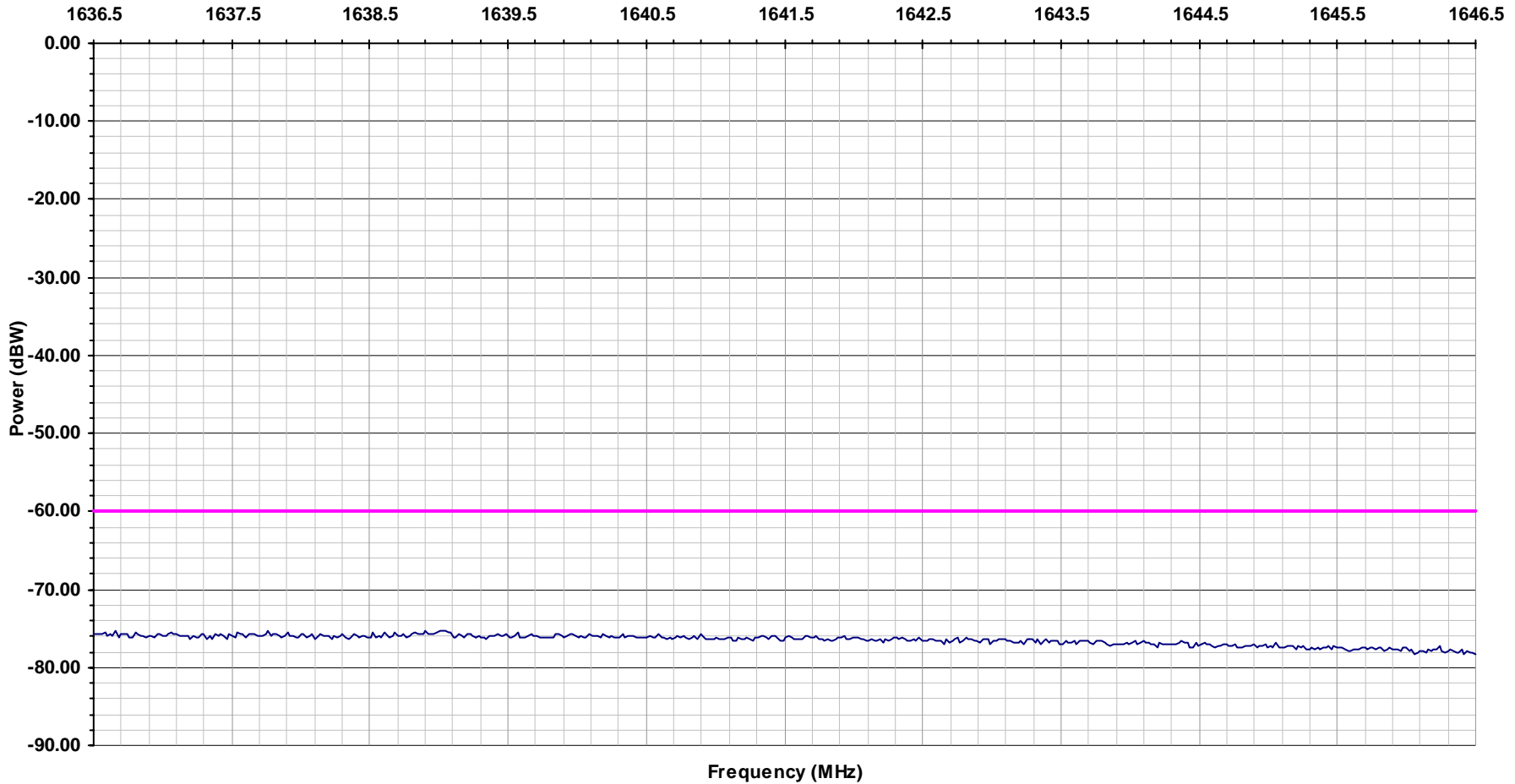
Max: -78.76 dBW @1631.8908 MHz
Min: -81.45 dBW @1635.6583 MHz **Ave:** -80.2138 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1636.50MHz to 1646.50MHz

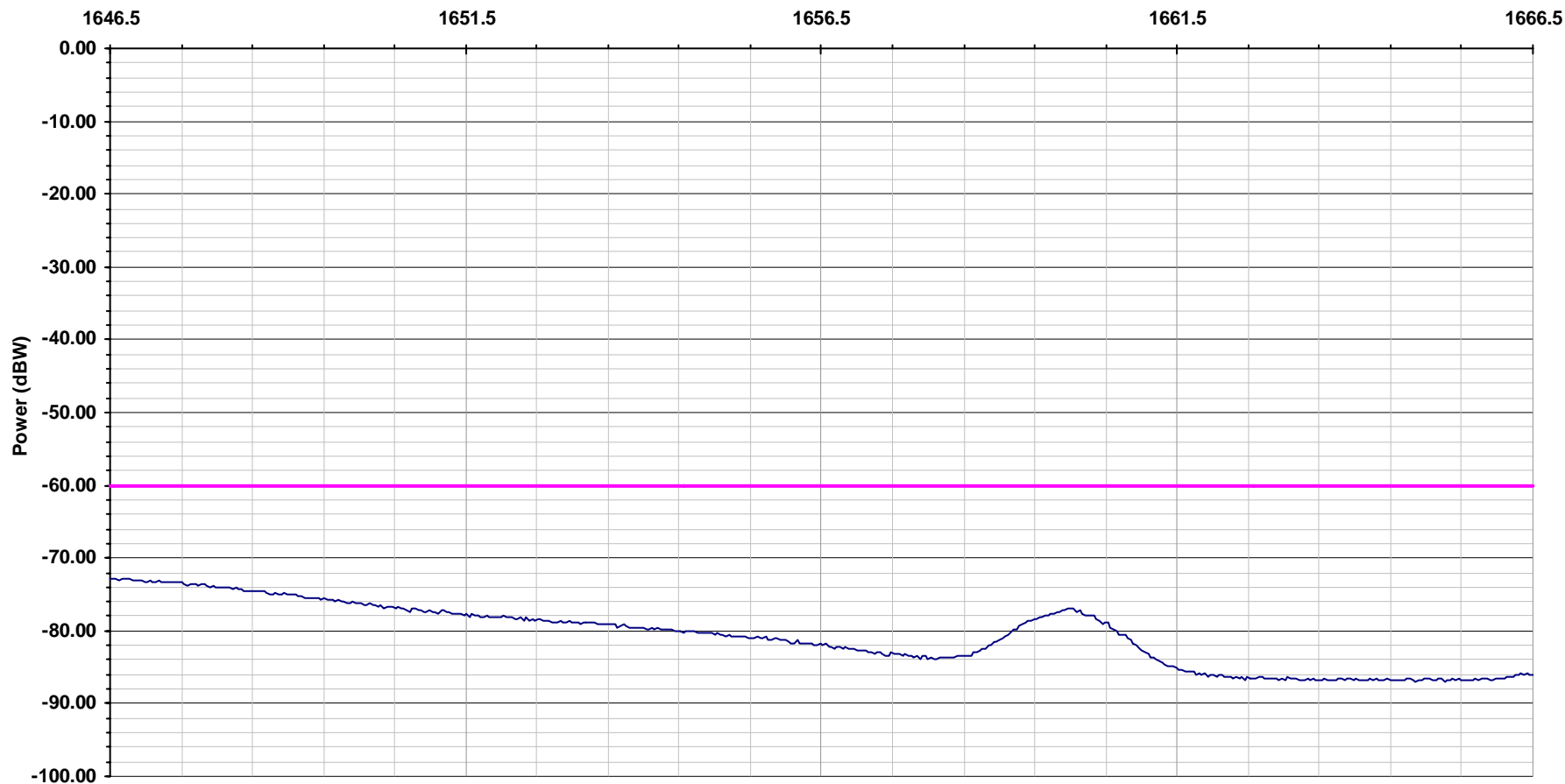
296



Max: -75.27 dBW @ 1639.005 MHz
Min: -78.38 dBW @ 1646.0591 MHz **Ave:** -76.4693 dBW

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1646.50MHz to 1666.50MHz

297



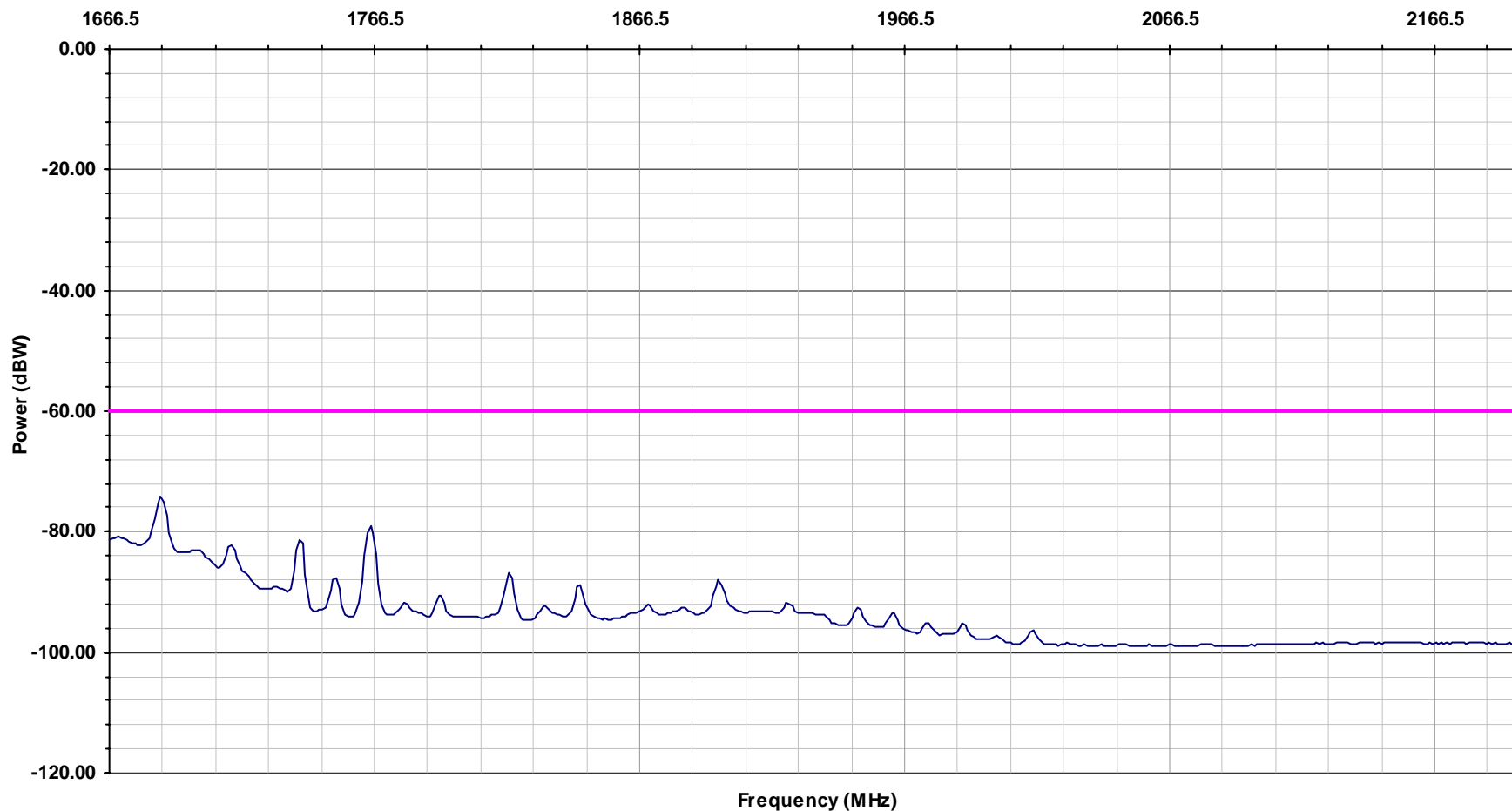
Max: -72.76 dBW @1646.6603 MHz
Min: -86.93 dBW @1664.8567 MHz **Ave:** -80.6926 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 1666.50MHz to 2200.00MHz

298



Max: -74.11 dBW @ 1685.7445 MHz

Min: -99.0 dBW @ 2036.4218 MHz

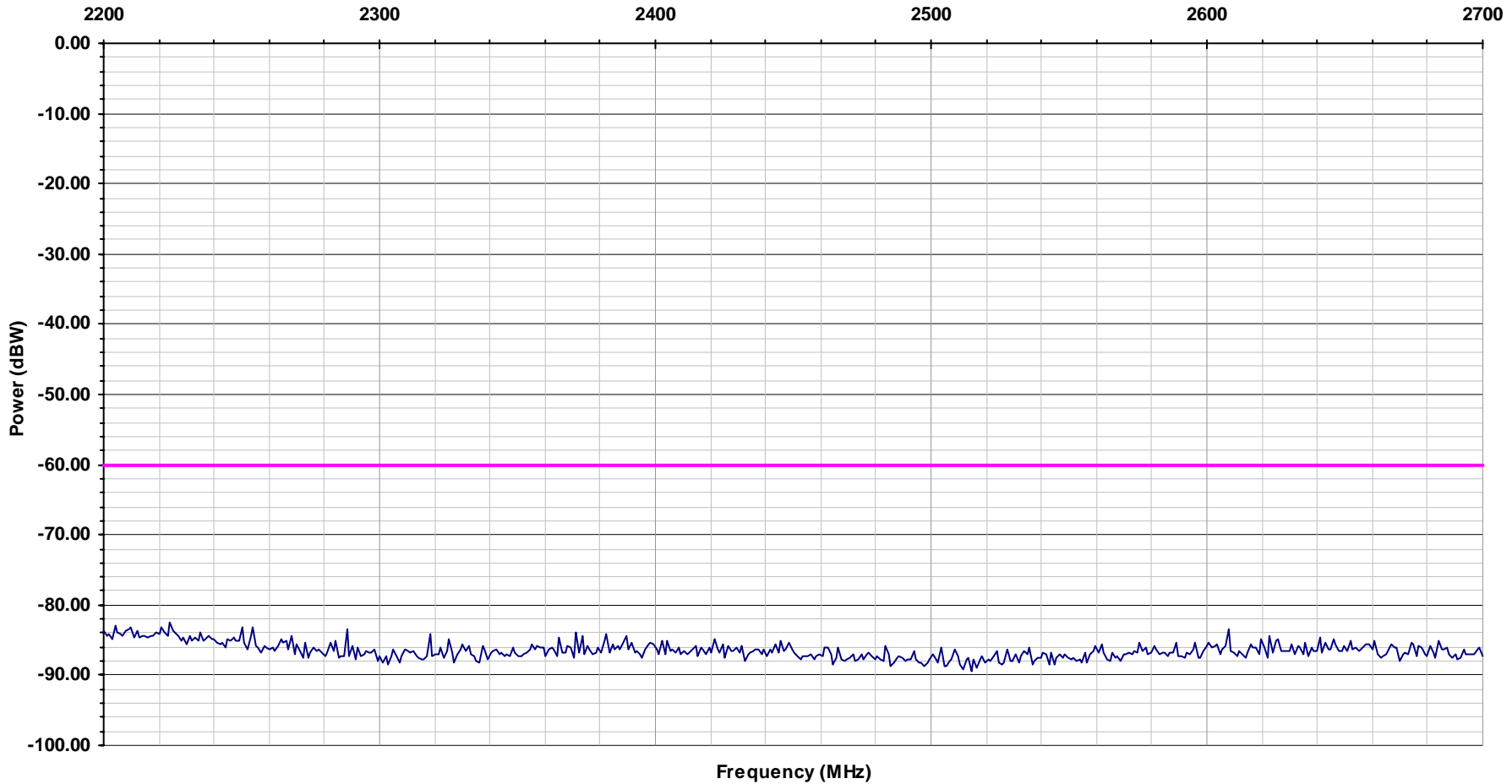
Ave: -93.994 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 2200.00MHz to 2700.00MHz

299



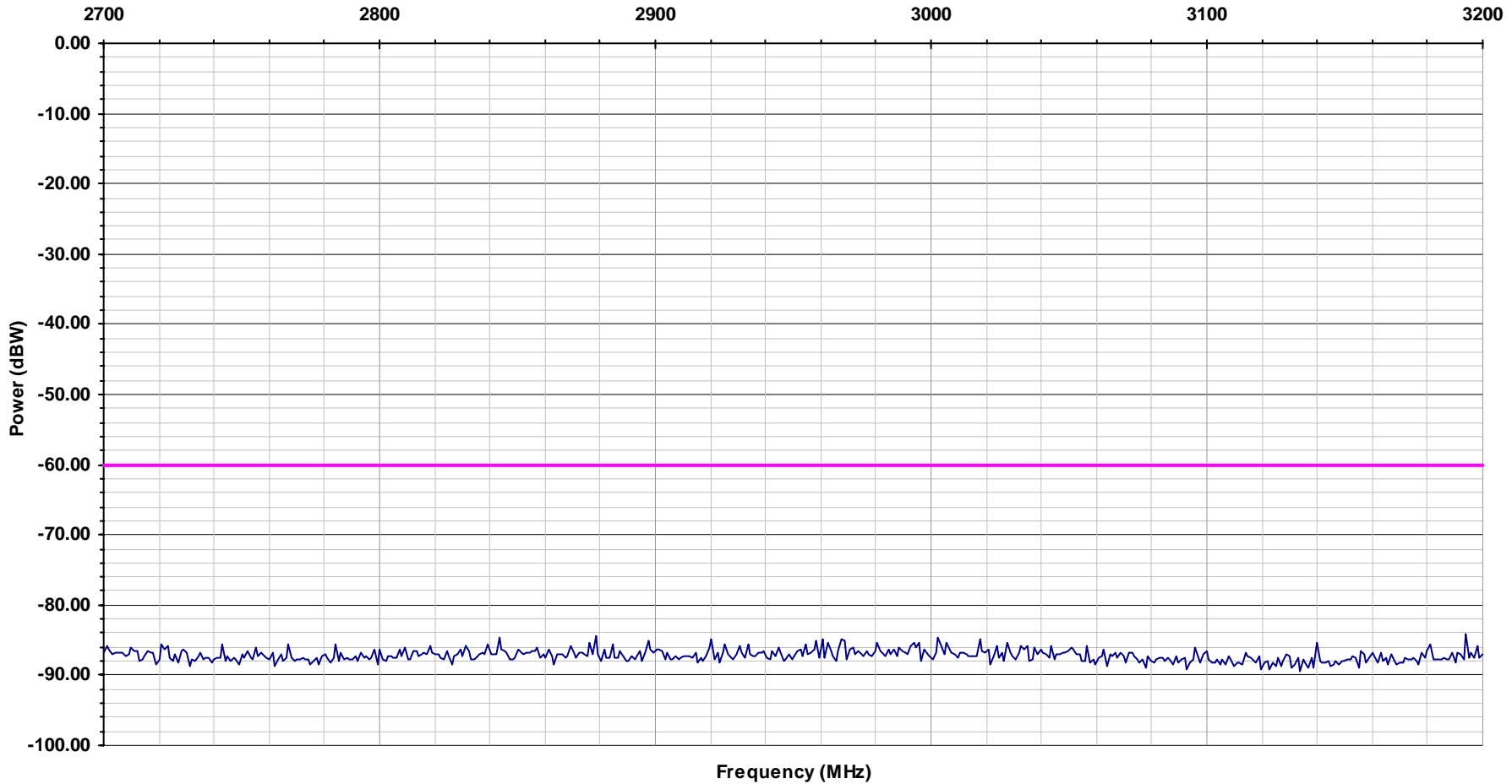
Max: -82.36 dBW @2224.0481 MHz
Min: -89.31 dBW @2514.6293 MHz **Ave:** -86.4684 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 2700.00MHz to 3200.00MHz

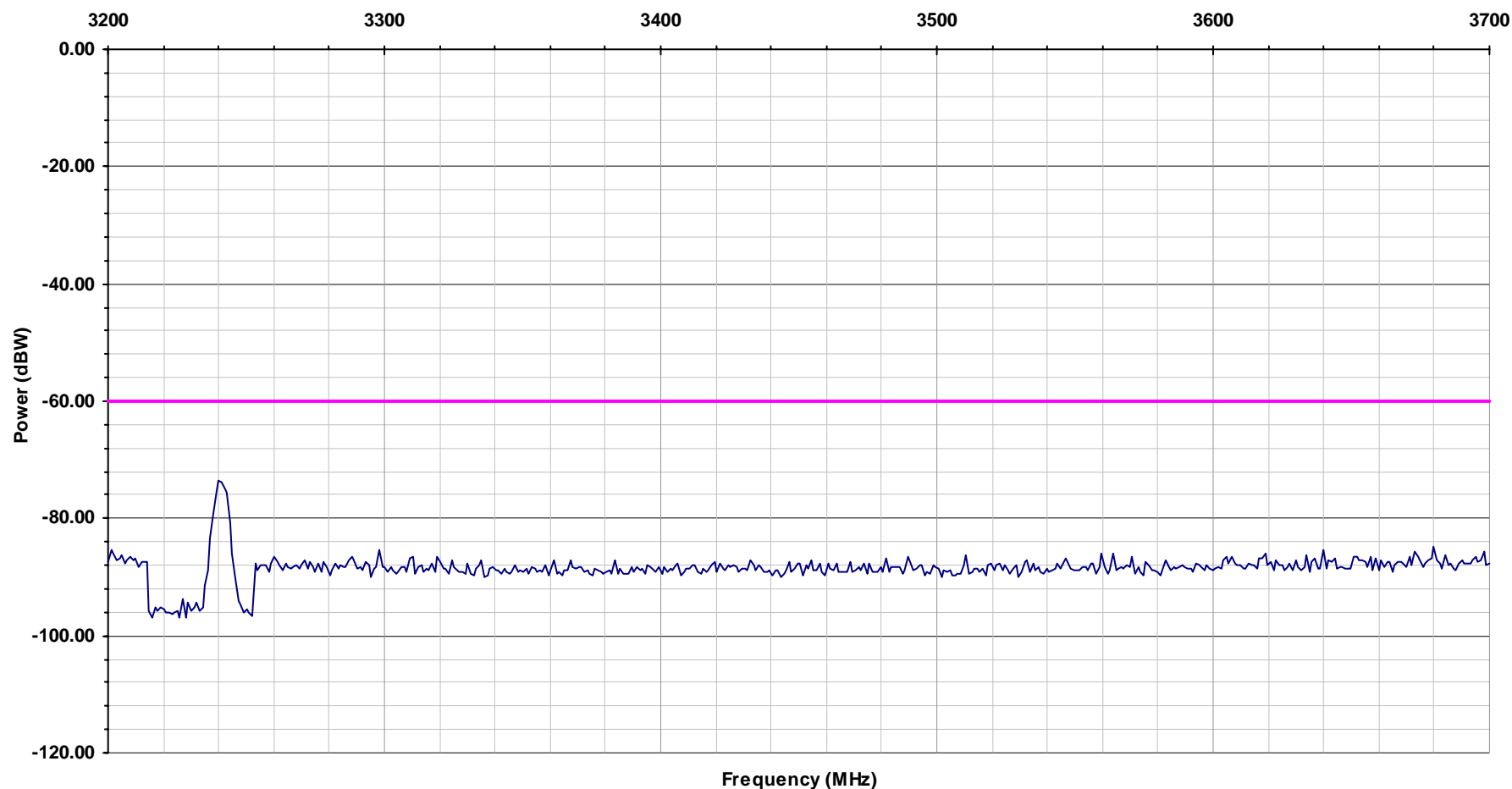
300



Max: -84.09 dBW @3193.988 MHz
Min: -89.35 dBW @3133.8677 MHz **Ave:** -87.1915 dBW

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 3200.00MHz to 3700.00MHz

301



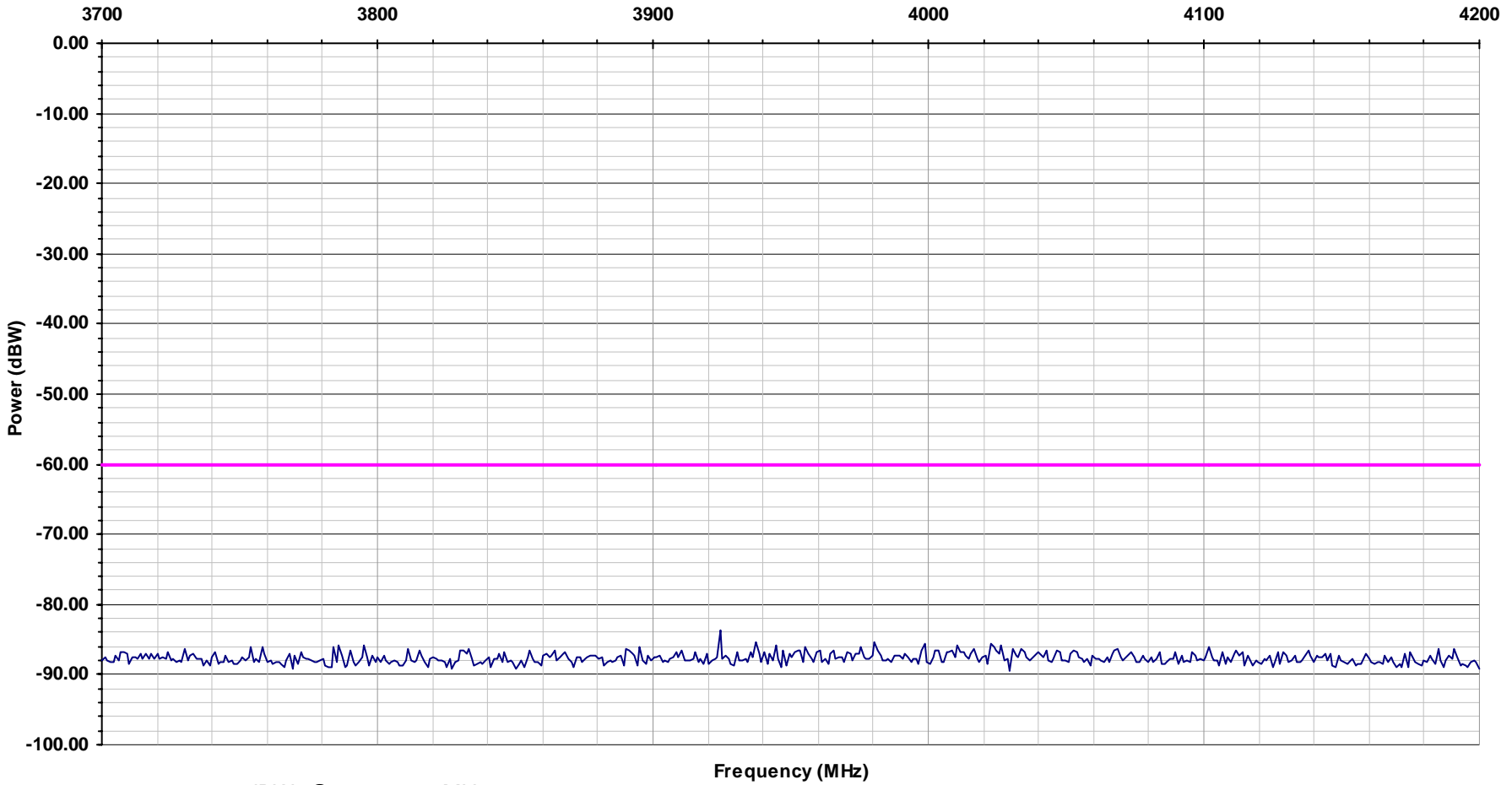
Max: -73.6 dBW @ 3240.0802 MHz
Min: -96.94 dBW @ 3226.0521 MHz Ave: -88.4781 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 3700.00MHz to 4200.00MHz

302

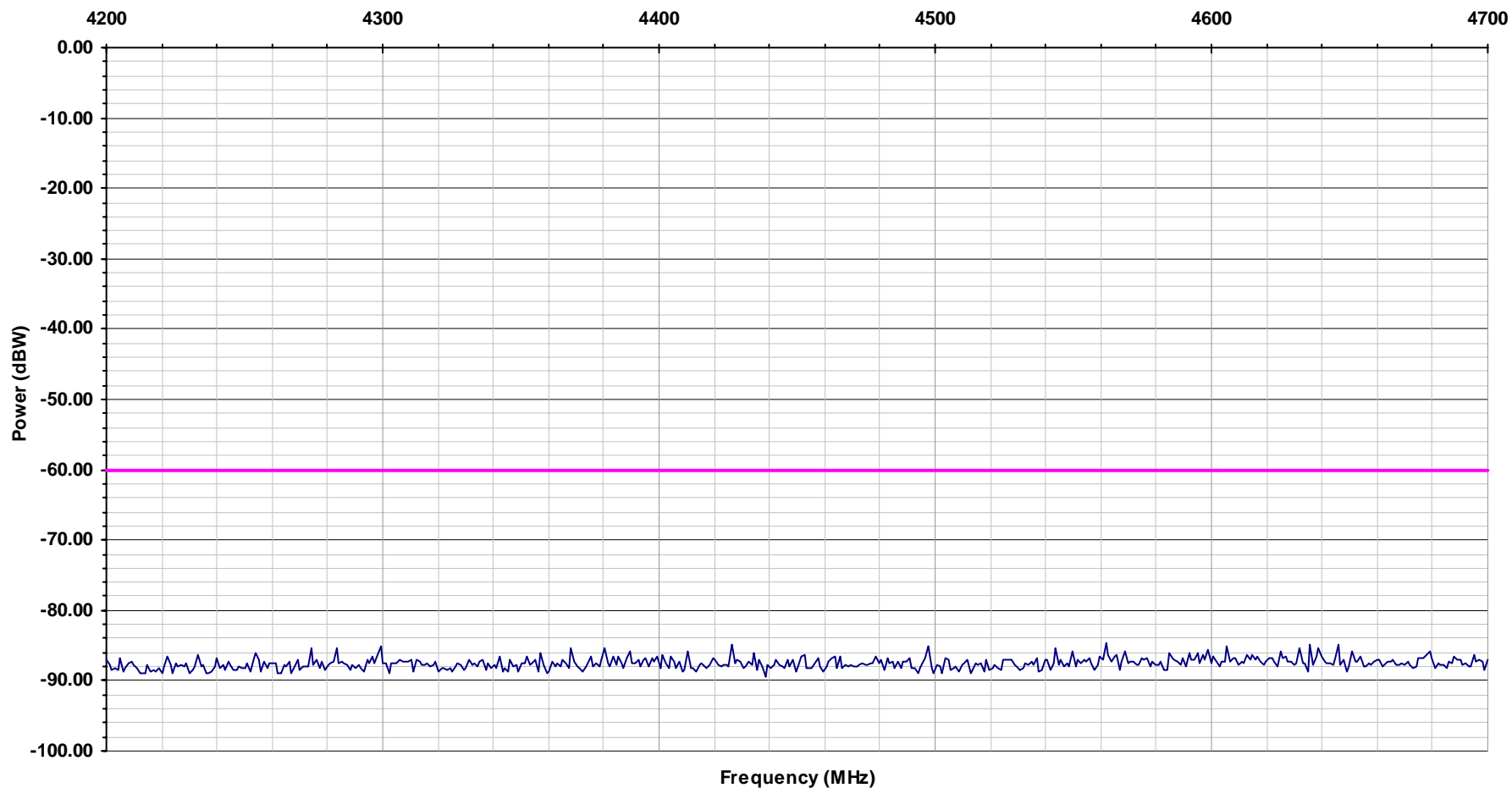


PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 4200.00MHz to 4700.00MHz

303



Max: -84.55 dBW @ 4561.7234 MHz

Min: -89.44 dBW @ 4438.477 MHz

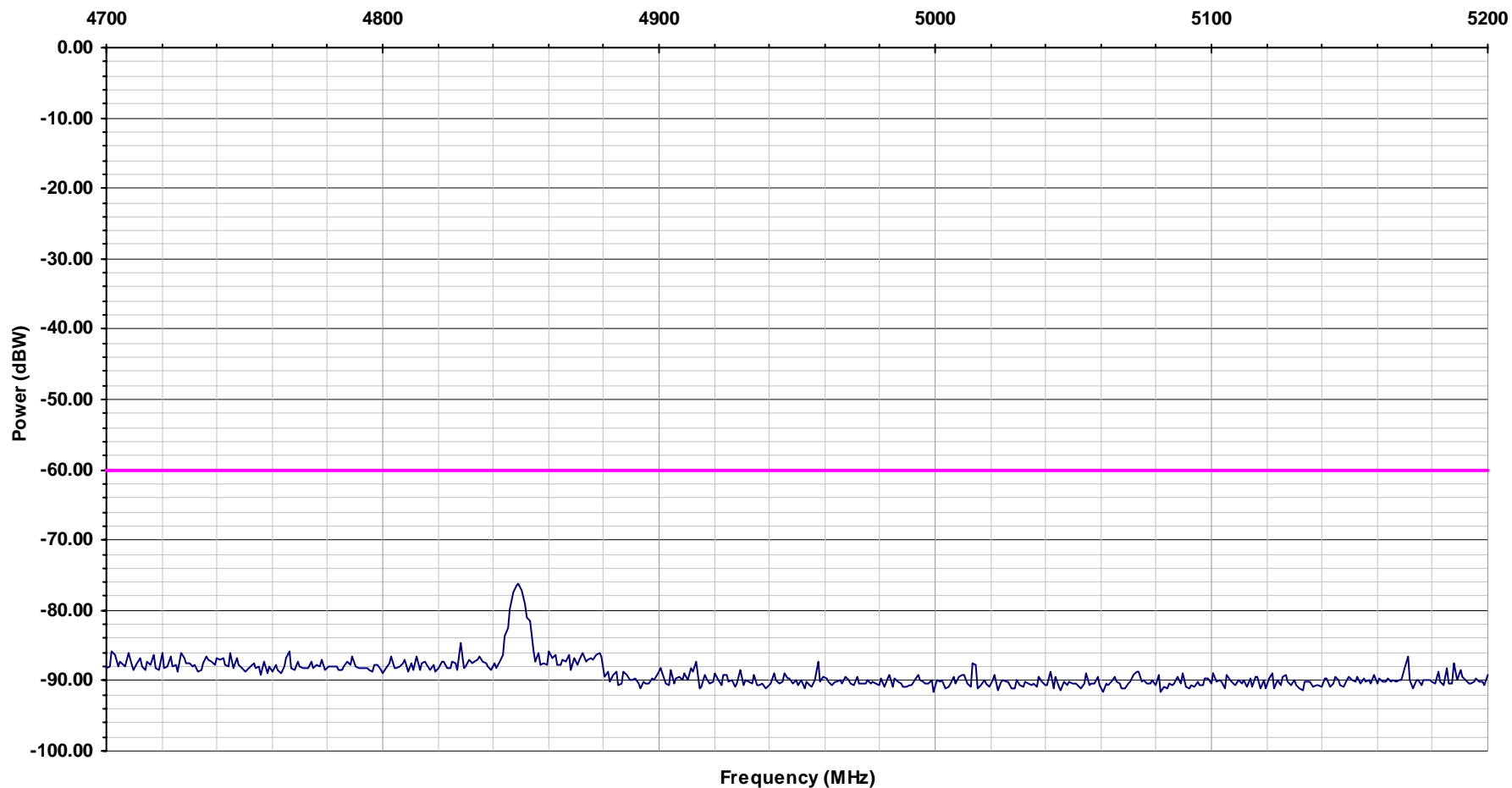
Ave: -87.5237 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 4700.00MHz to 5200.00MHz

304



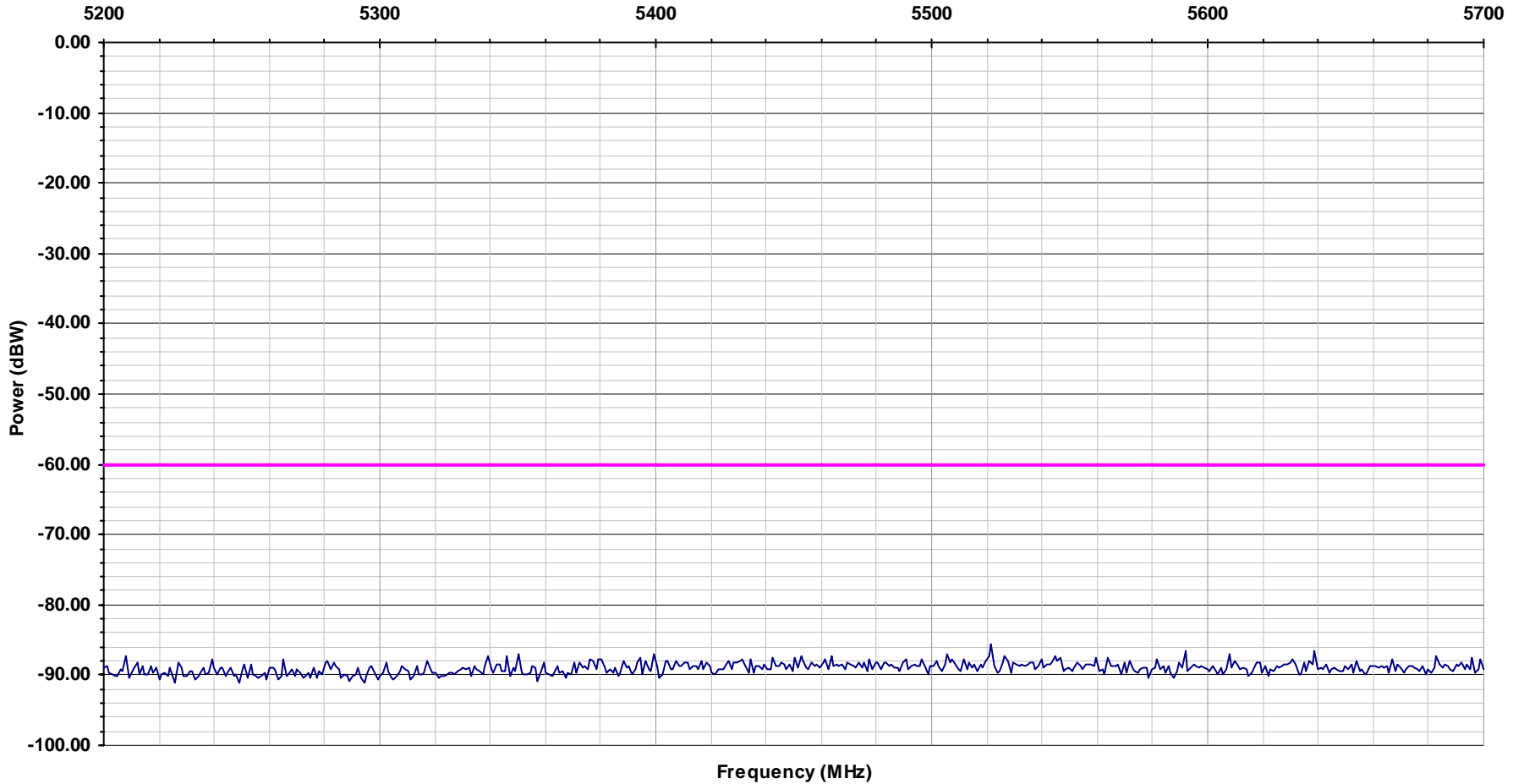
Max: -76.2 dBW @4849.2986 MHz
 Min: -91.61 dBW @5060.7214 MHz Ave: -89.0046 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 5200.00MHz to 5700.00MHz

305



Max: -85.68 dBW @ 5521.6433 MHz

Min: -91.22 dBW @ 5294.1884 MHz

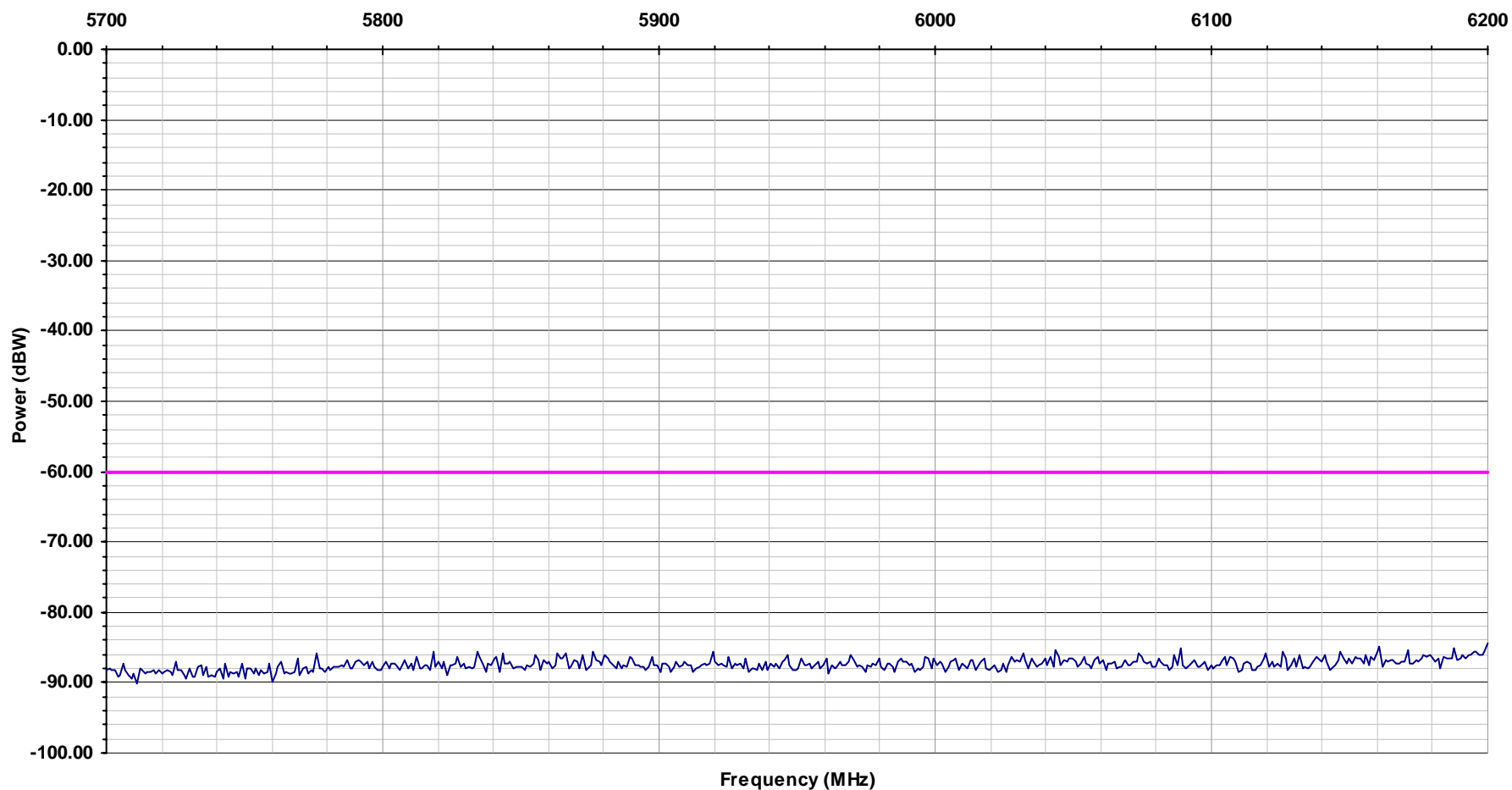
Ave: -89.0145 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 5700.00MHz to 6200.00MHz

306



Max: -84.36 dBW @6200.0 MHz

Min: -90.08 dBW @5711.022 MHz

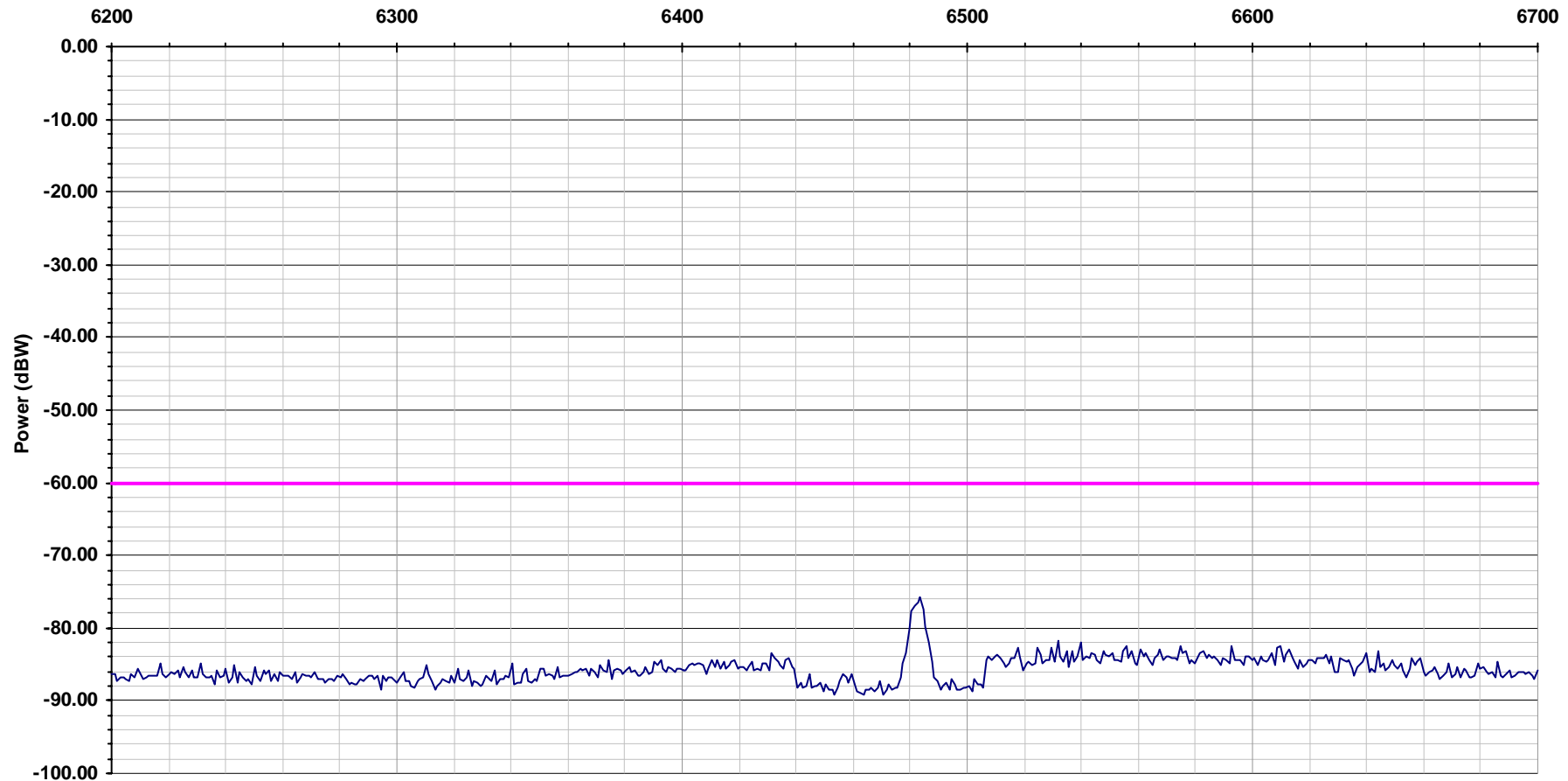
Ave: -87.4151 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 6200.00MHz to 6700.00MHz

307



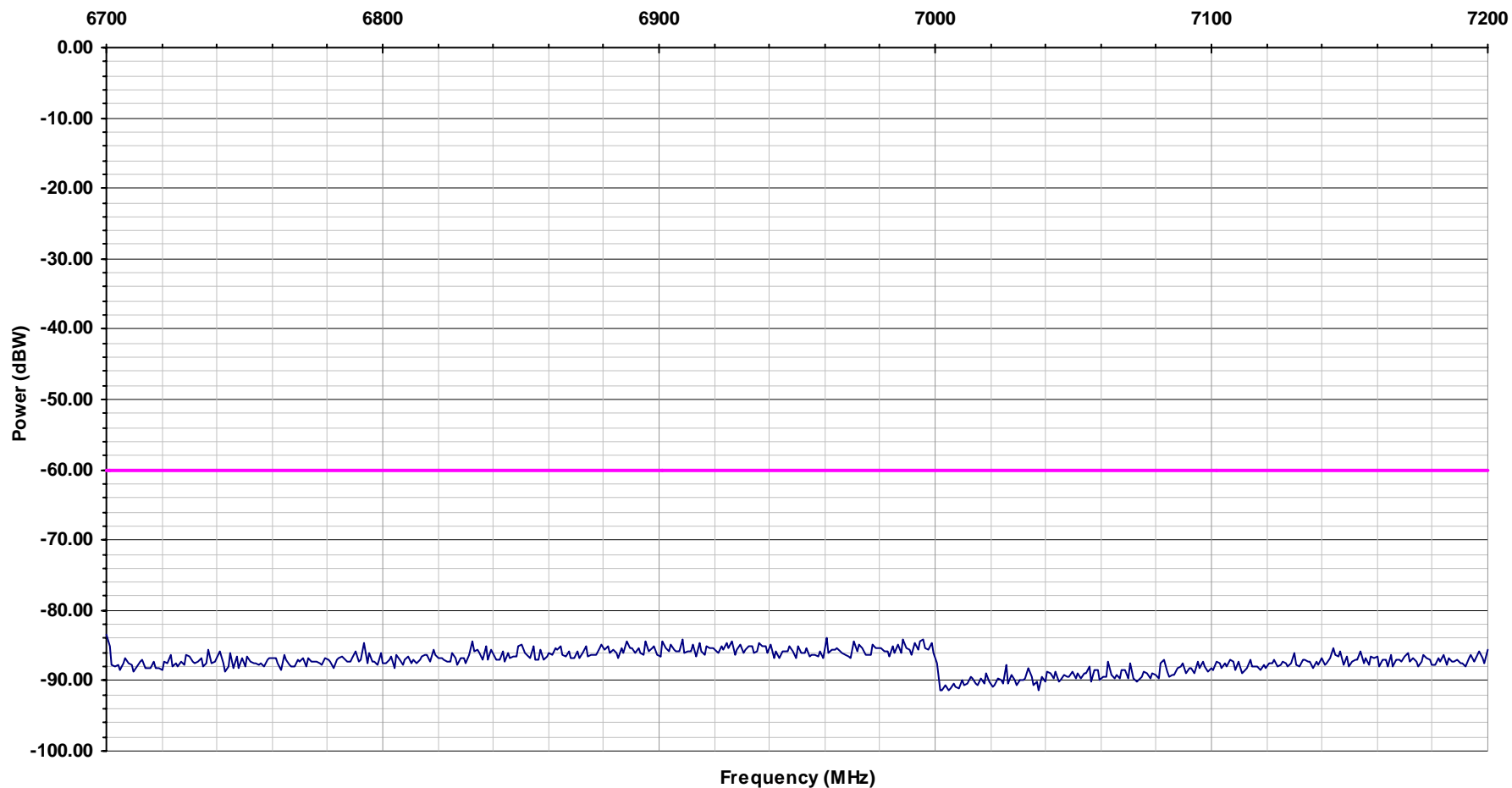
Max: -75.8 dBW @ 6483.5671 MHz
Min: -89.27 dBW @ 6463.5271 MHz **Ave:** -85.7252 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 6700.00MHz to 7200.00MHz

308



Max: -83.45 dBW @6700.0 MHz

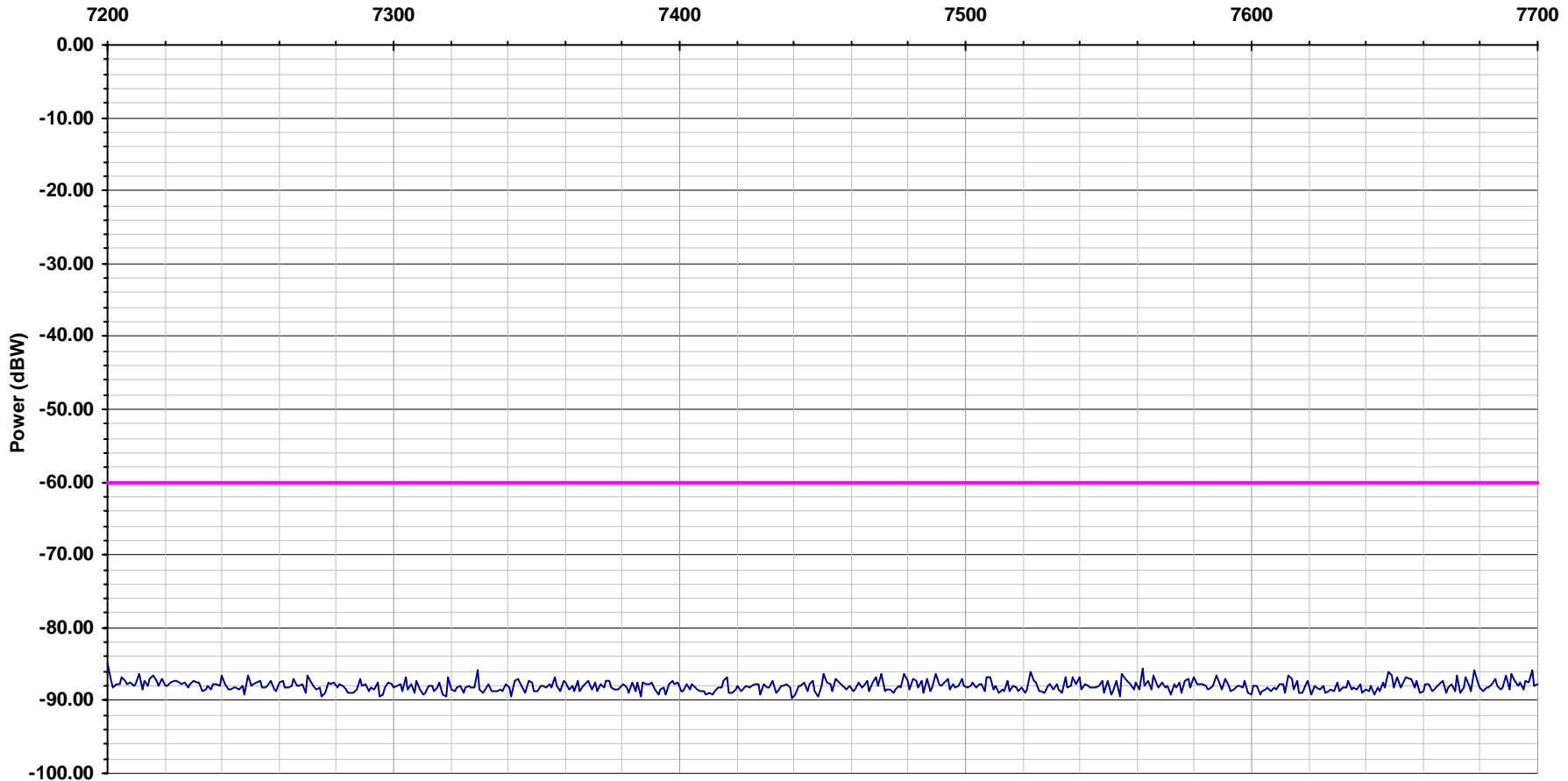
Min: -91.45 dBW @7004.6092 MHz Ave: -87.1467 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 7200.00MHz to 7700.00MHz

309



Max: -84.93 dBW @7200.0 MHz

Min: -89.56 dBW @7439.479 MHz

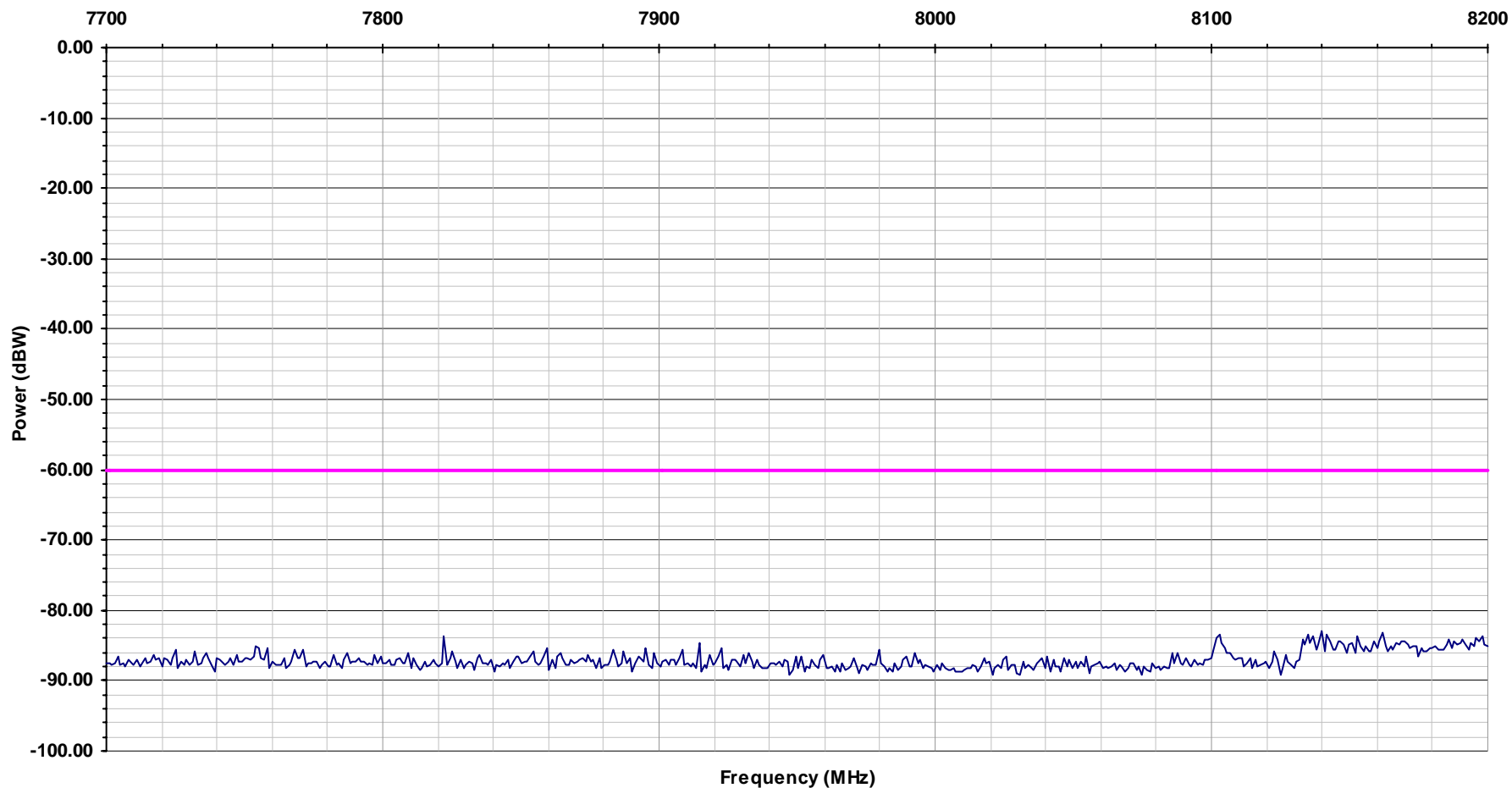
Ave: -87.9853 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 7700.00MHz to 8200.00MHz

310



Max: -82.98 dBW @8139.8798 MHz

Min: -89.2 dBW @7947.495 MHz

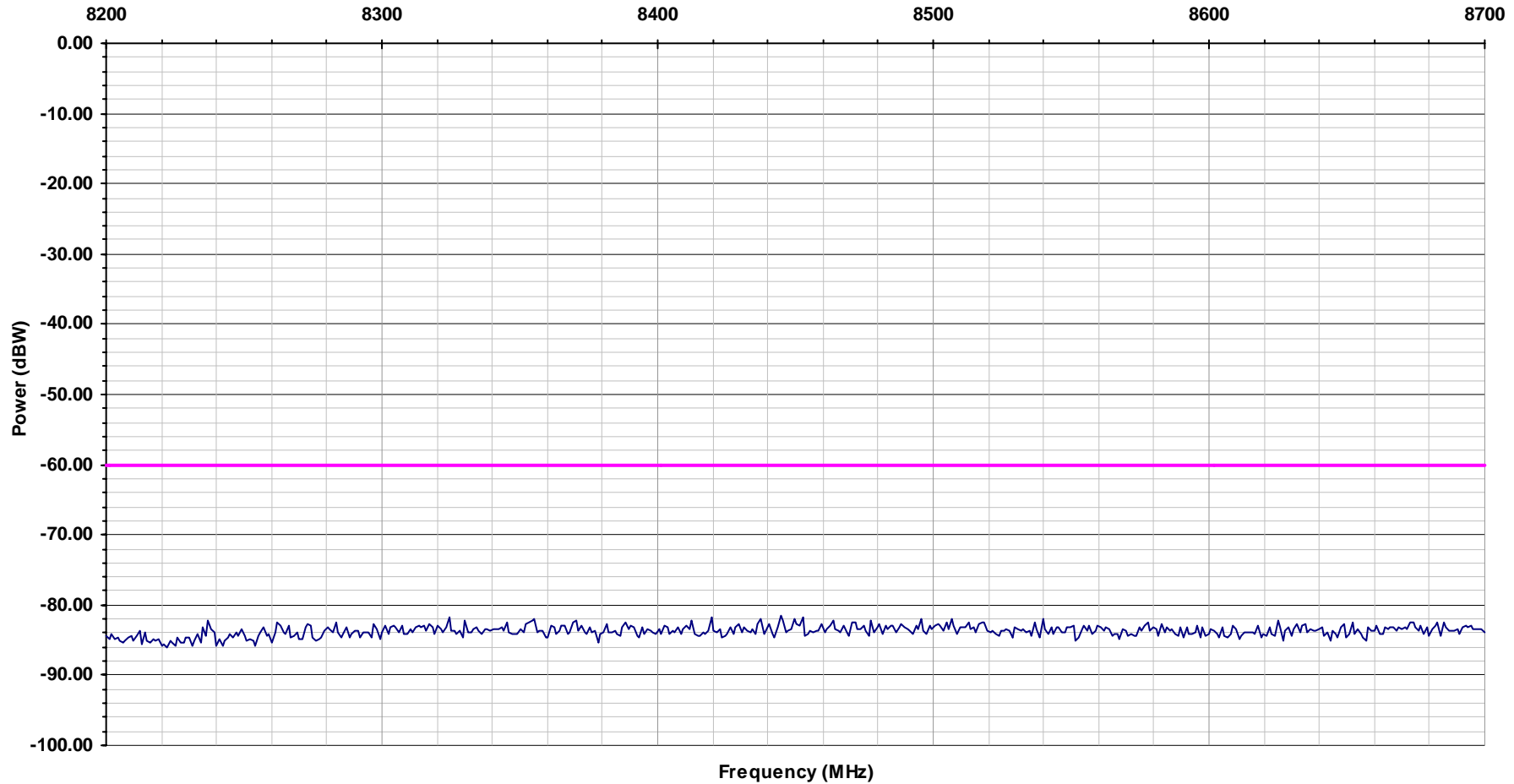
Ave: -87.0834 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 8200.00MHz to 8700.00MHz

311



Max: -81.49 dBW @8444.489 MHz

Min: -86.09 dBW @8222.0441 MHz

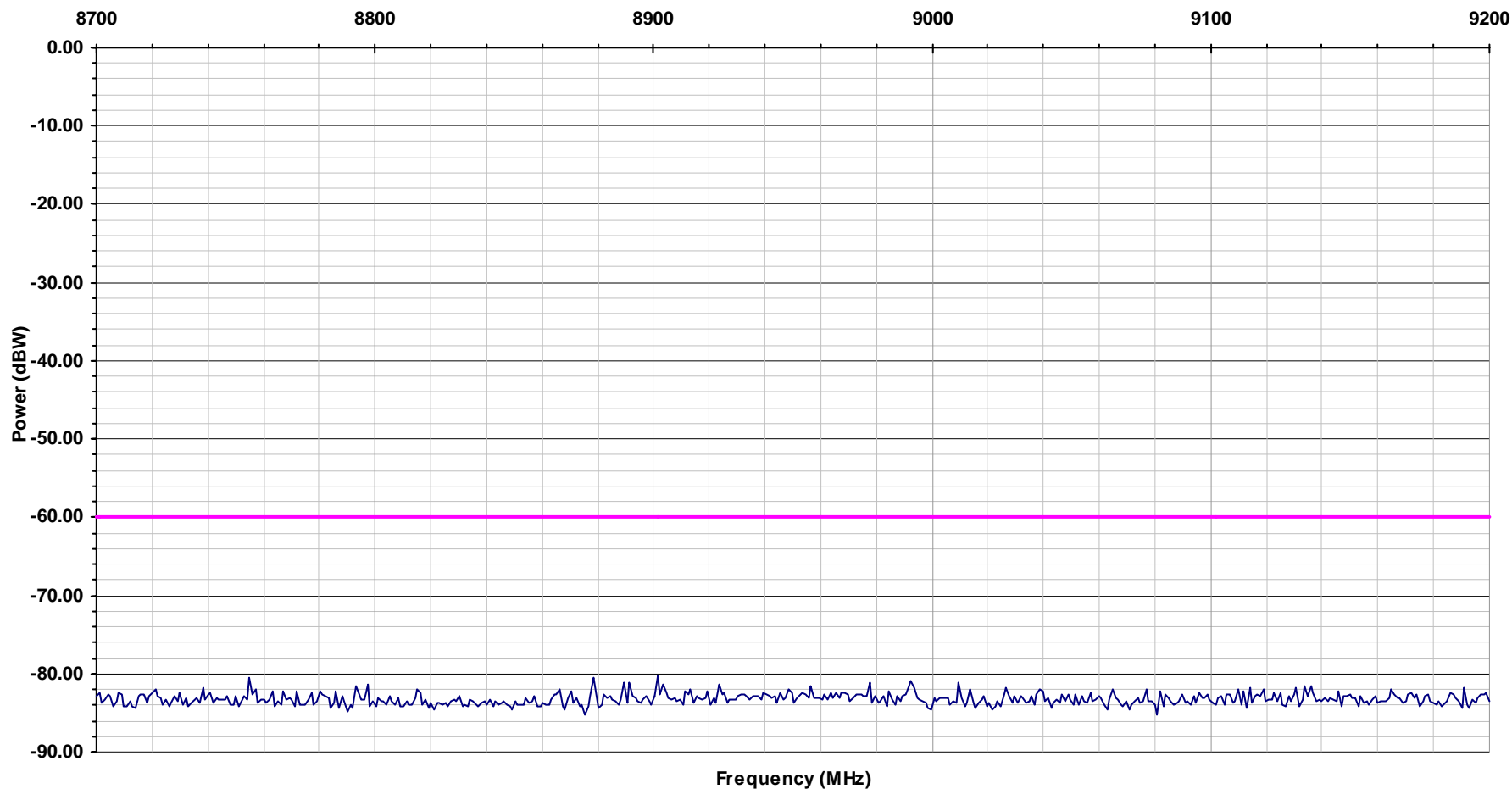
Ave: -83.6899 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 8700.00MHz to 9200.00MHz

312

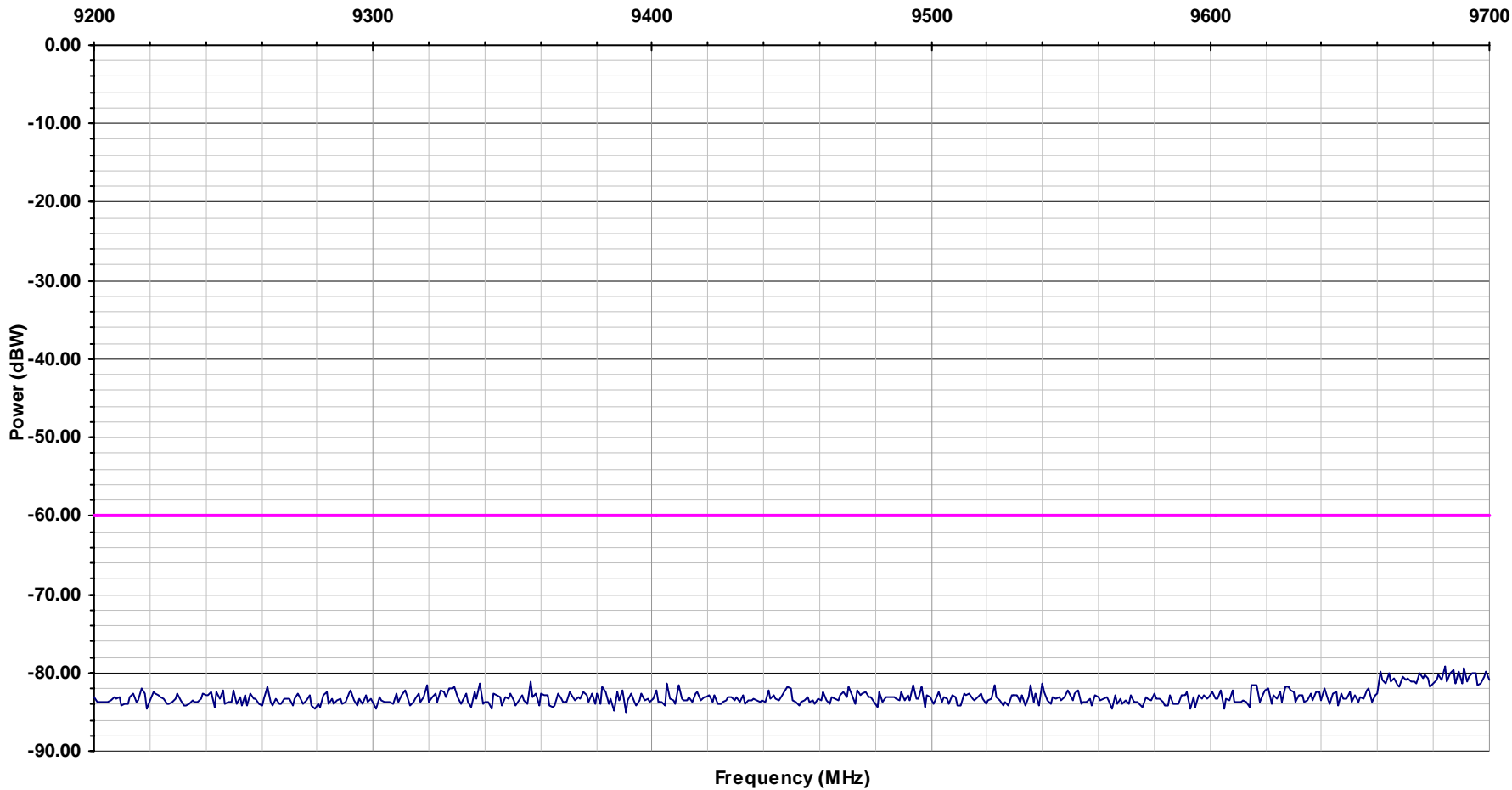


Max: -80.26 dBW @8901.4028 MHz
Min: -85.21 dBW @9080.7615 MHz **Ave:** -83.2269 dBW

PlotTitle Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 9200.00MHz to 9700.00MHz

313



Max: -79.23 dBW @9683.9679 MHz

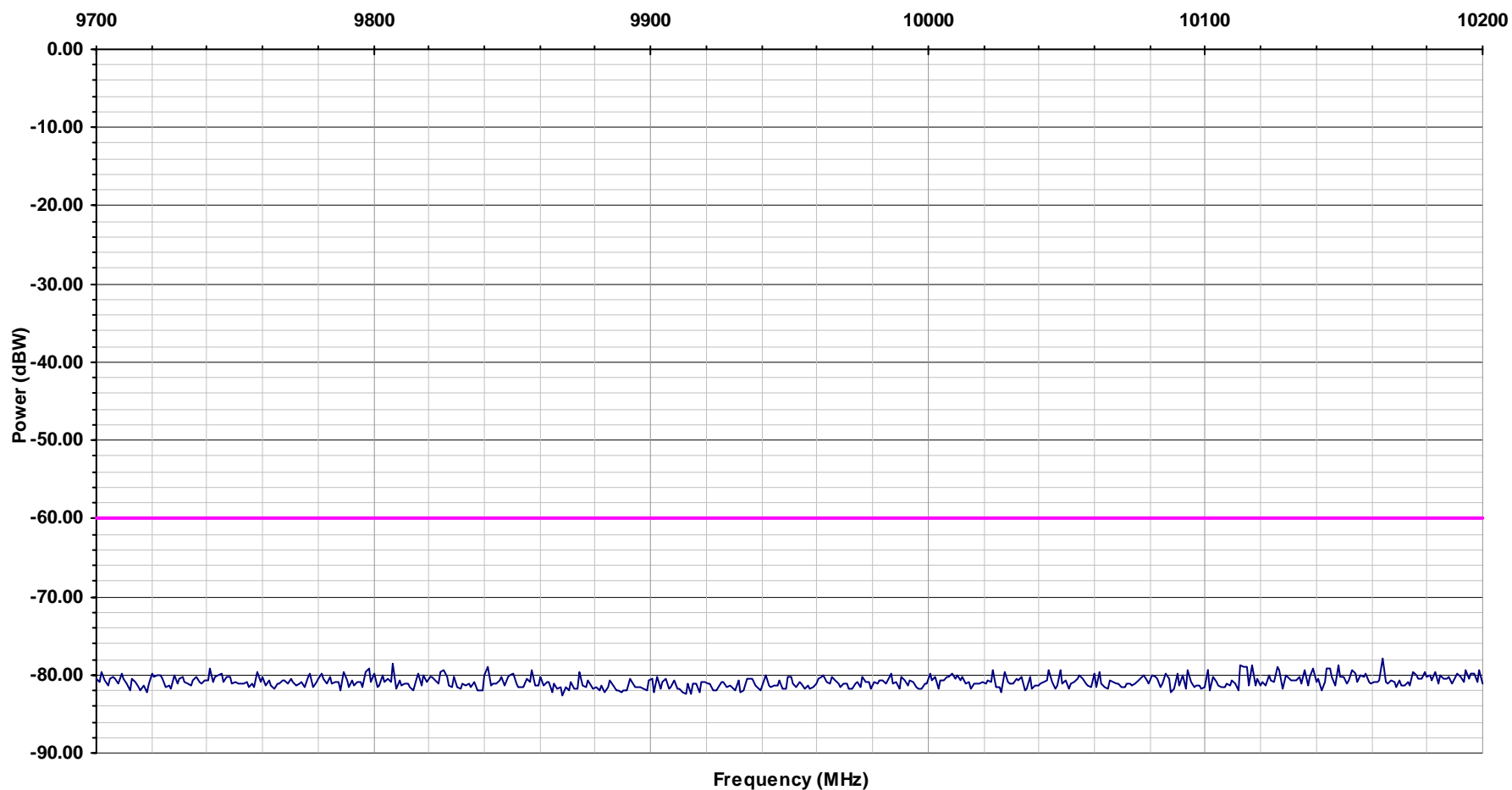
Min: -85.09 dBW @9390.3808 MHz Ave: -83.0486 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 9700.00MHz to 10200.00MHz

314



Max: -77.95 dBW @ 10163.9279 MHz

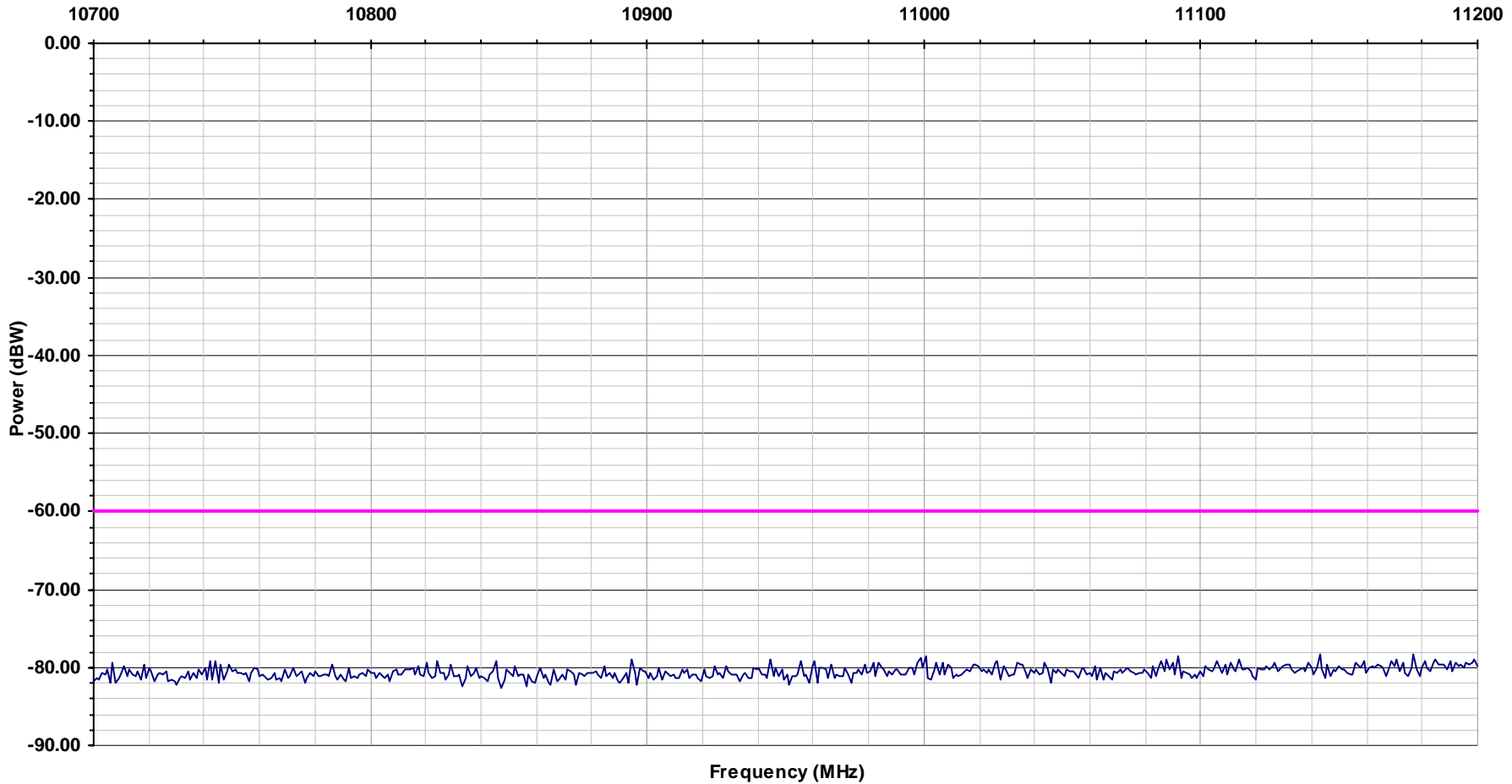
Min: -82.59 dBW @ 9868.3367 MHz Ave: -80.8862 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 10700.00MHz to 11200.00MHz

316

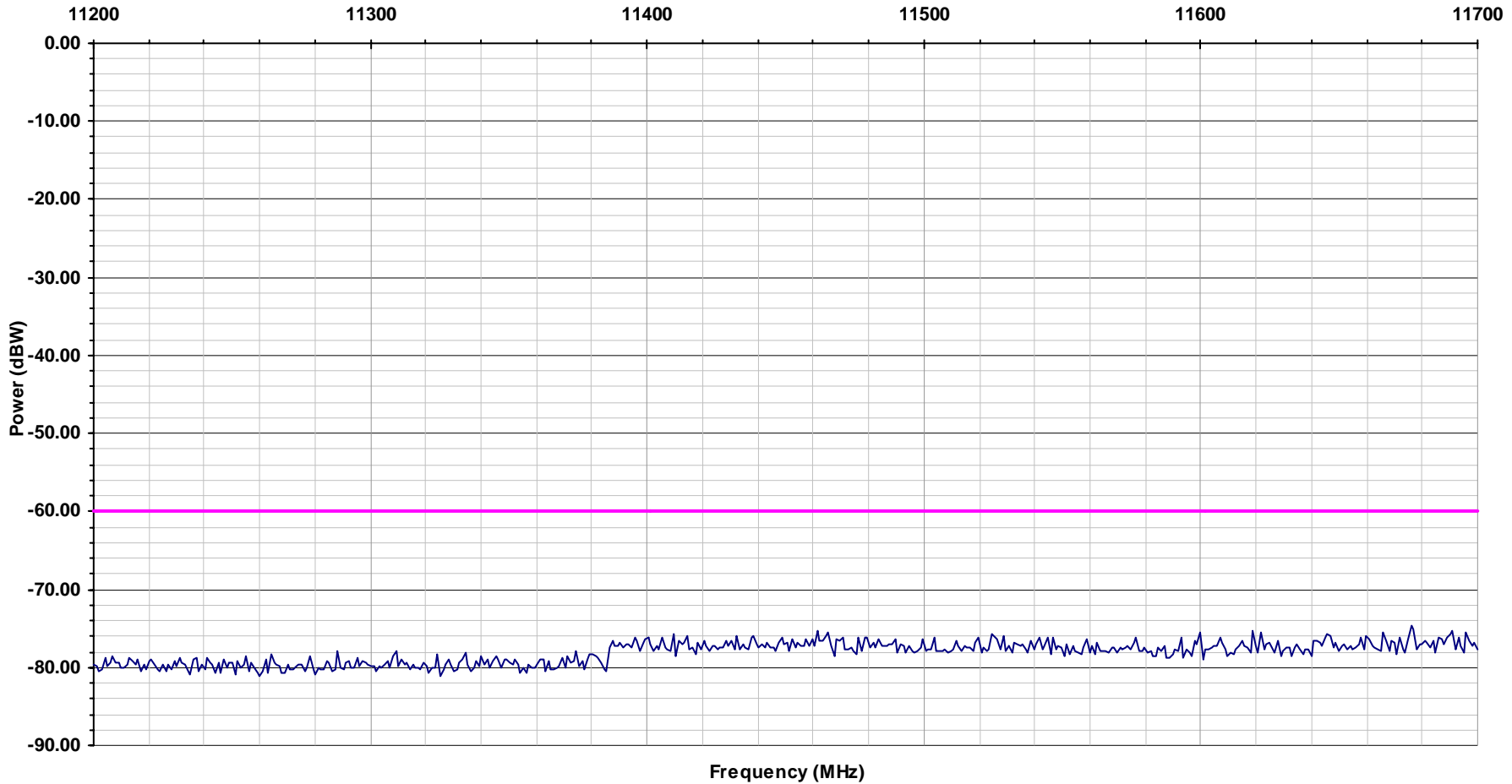


PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 11200.00MHz to 11700.00MHz

317



Max: -74.63 dBW @ 11675.9519 MHz

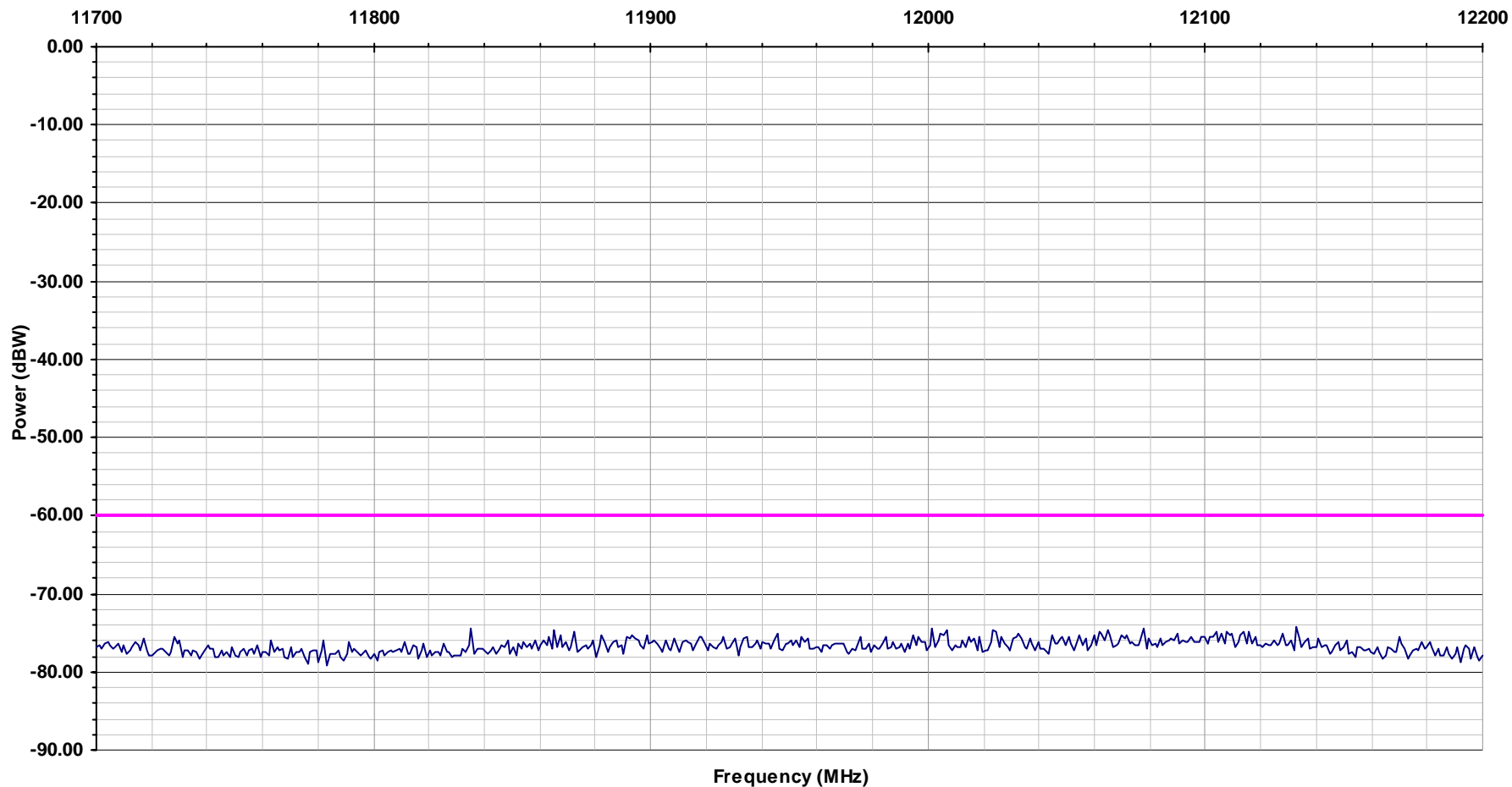
Min: -81.15 dBW @ 11260.1202 MHz Ave: -78.1301 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 11700.00MHz to 12200.00MHz

318



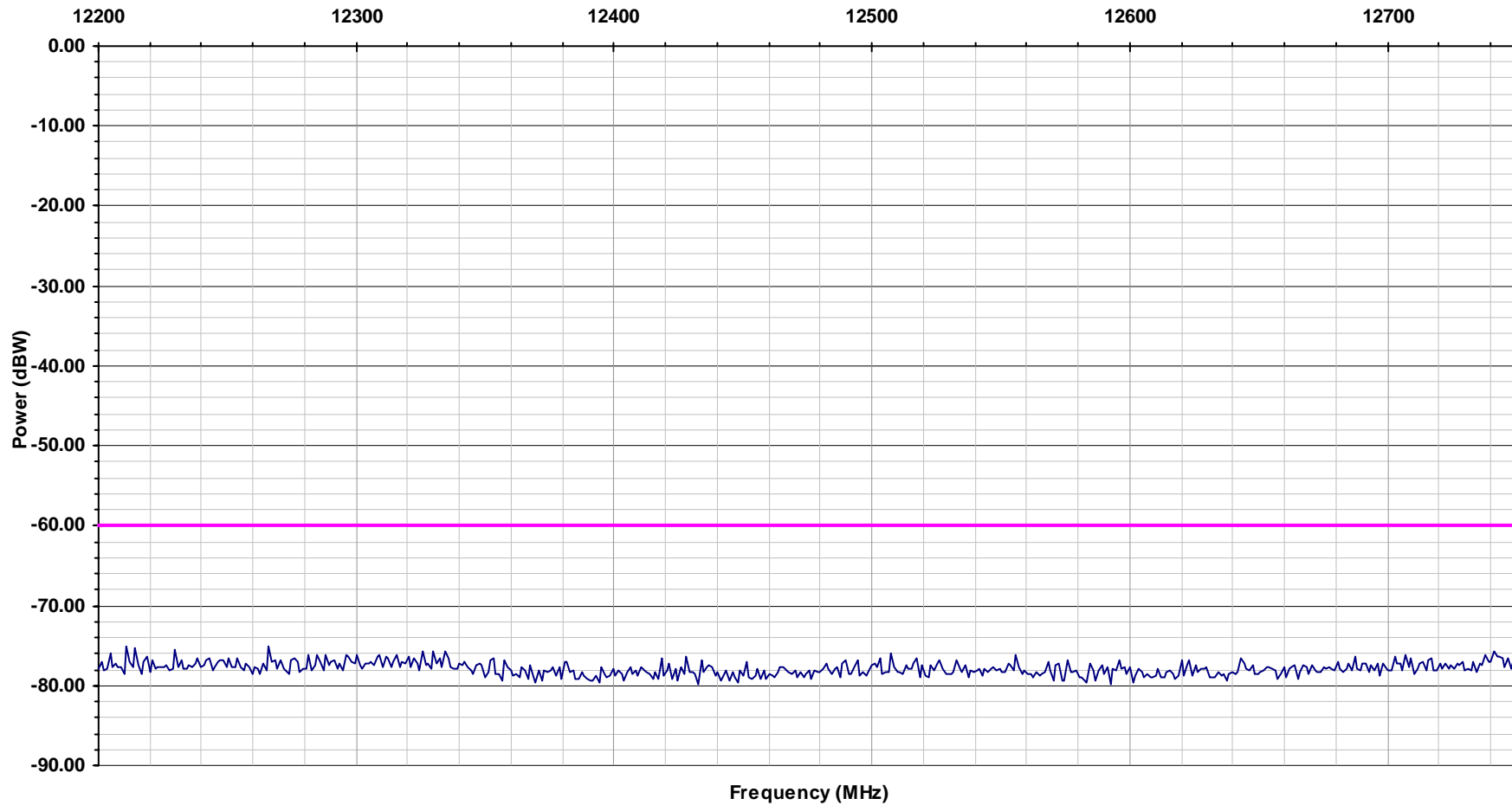
Max: -74.14 dBW @12132.8657 MHz
Min: -79.15 dBW @11783.1663 MHz **Ave:** -76.717 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band TX Emissions: 12200.00MHz to 12750.00MHz

319



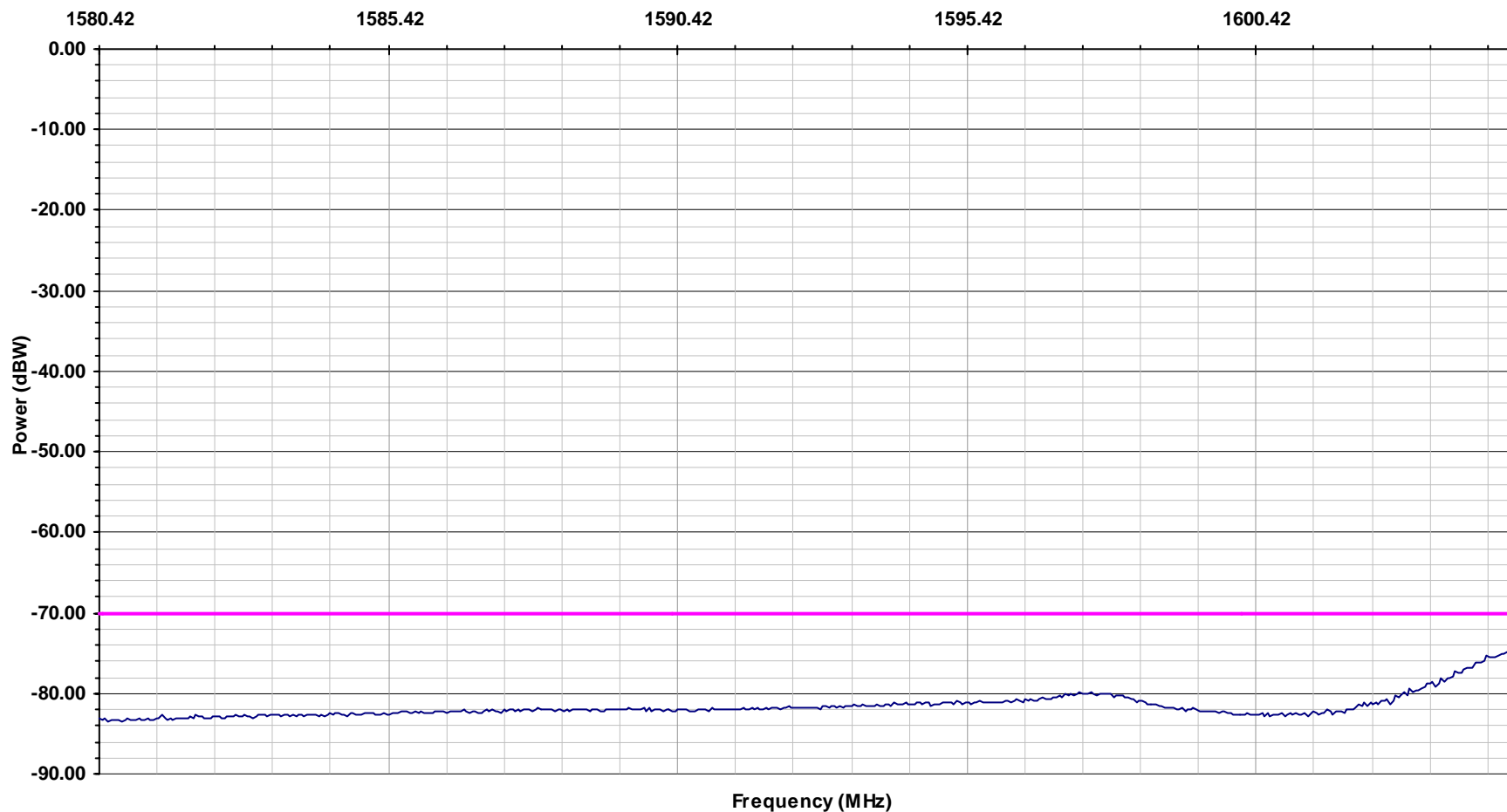
Max: -75.06 dBW @ 12211.022 MHz
Min: -79.83 dBW @ 12592.3848 MHz **Ave:** -77.8644 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

357



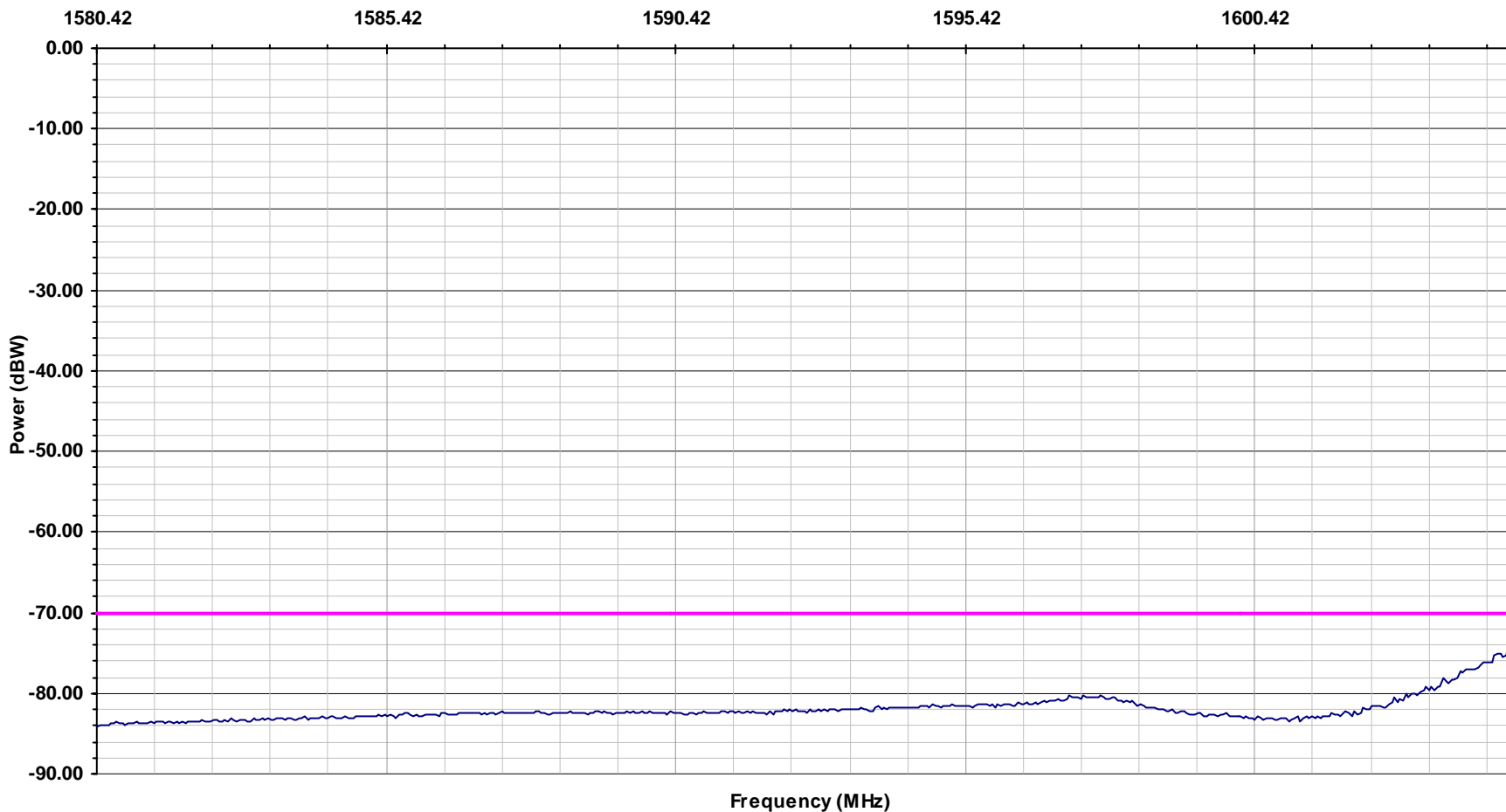
Max: -73.69 dBW @1604.9015 MHz
Min: -83.48 dBW @1580.5678 MHz **Ave:** -81.557 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

360



Max: -74.2 dBW @1604.9015 MHz

Min: -84.12 dBW @1580.42 MHz

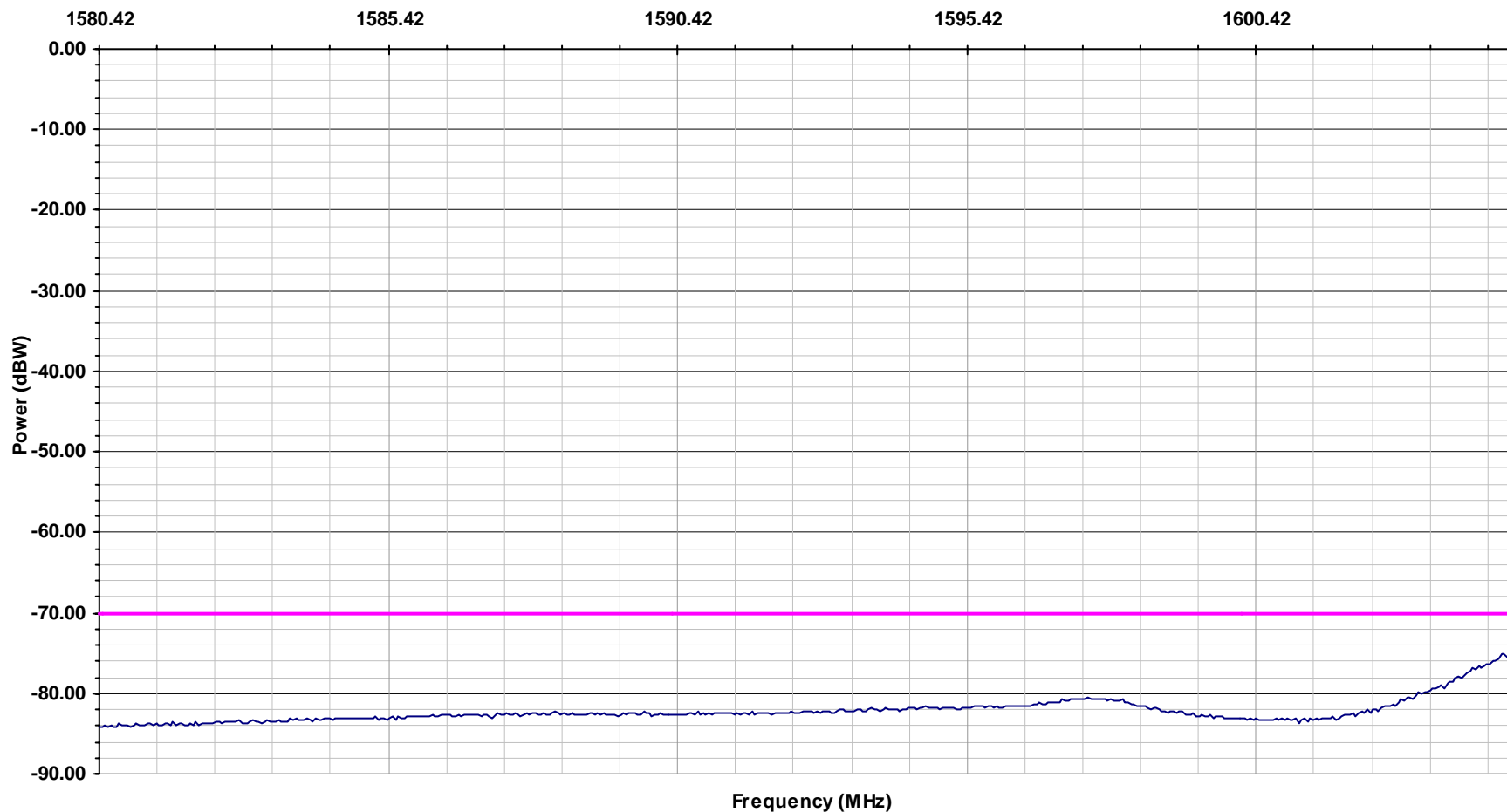
Ave: -81.9828 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

363



Max: -74.58 dBW @1605.0 MHz

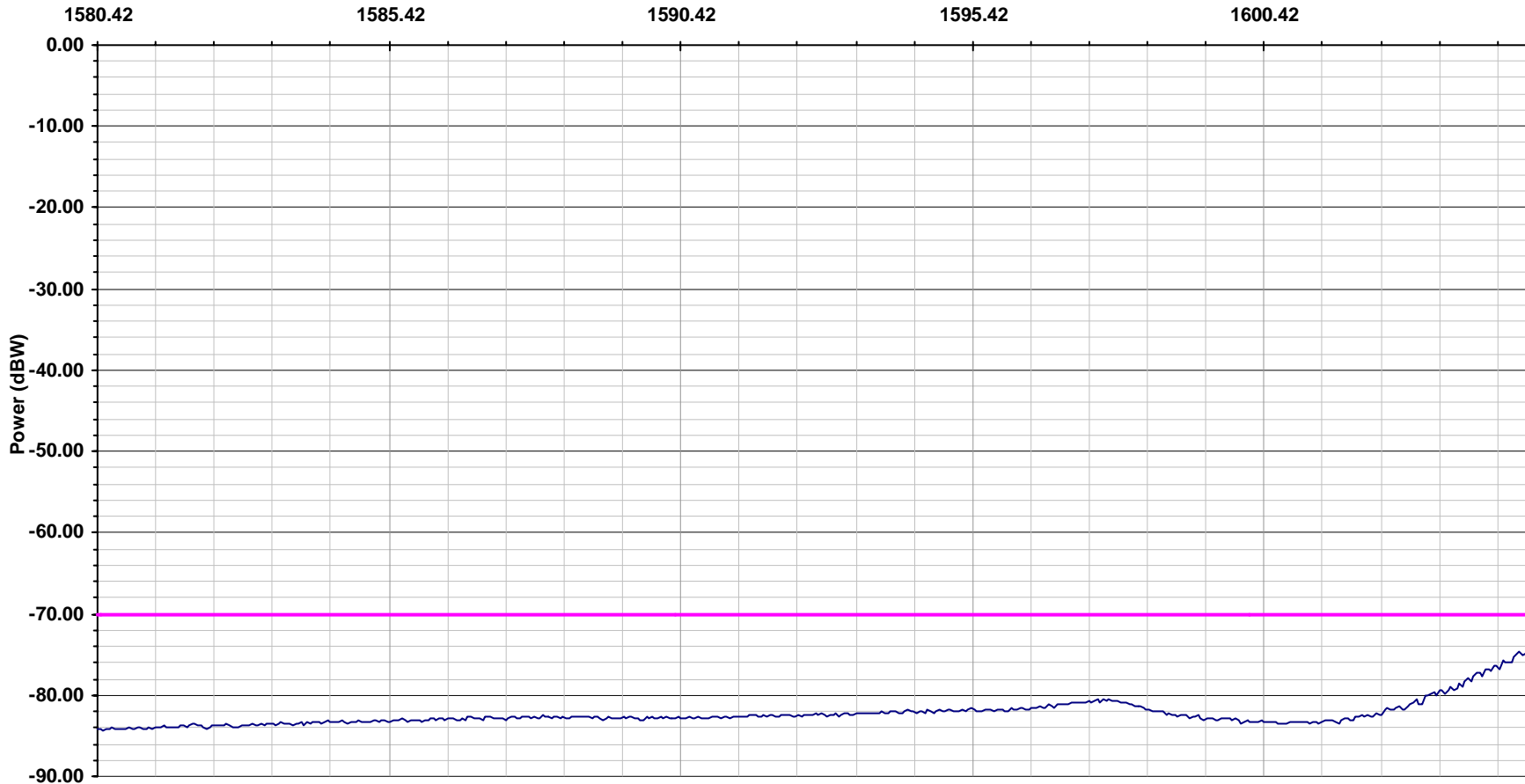
Min: -84.26 dBW @1580.4693 MHz Ave: -82.1557 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

366



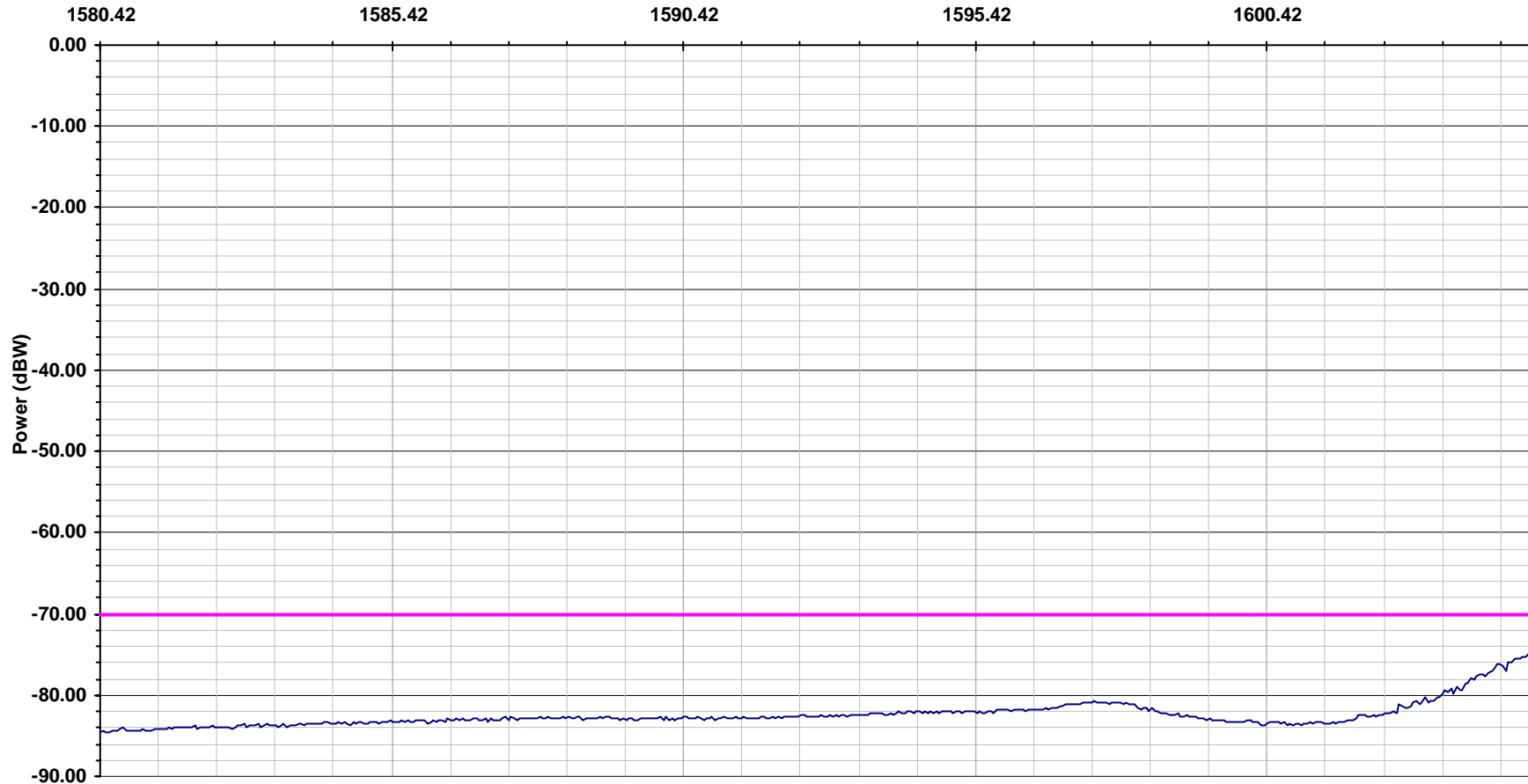
Max: -74.46 dBW @1605.0 MHz
Min: -84.36 dBW @1580.5185 MHz **Ave:** -82.2895 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

369



Max: -74.1 dBW @1605.0 MHz

Min: -84.56 dBW @1580.5185 MHz

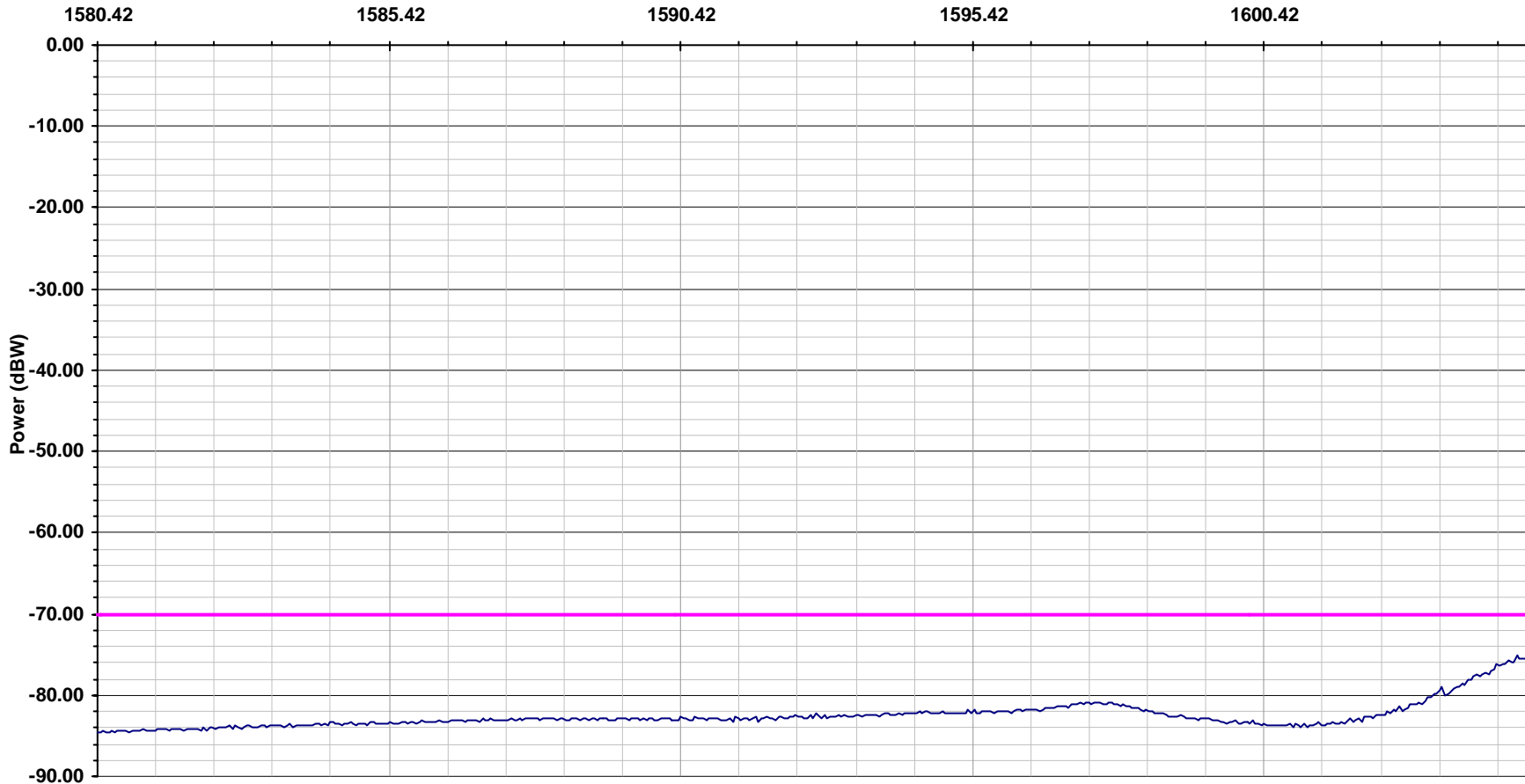
Ave: -82.4157 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

372



Max: -73.99 dBW @1605.0 MHz

Min: -84.68 dBW @1580.42 MHz

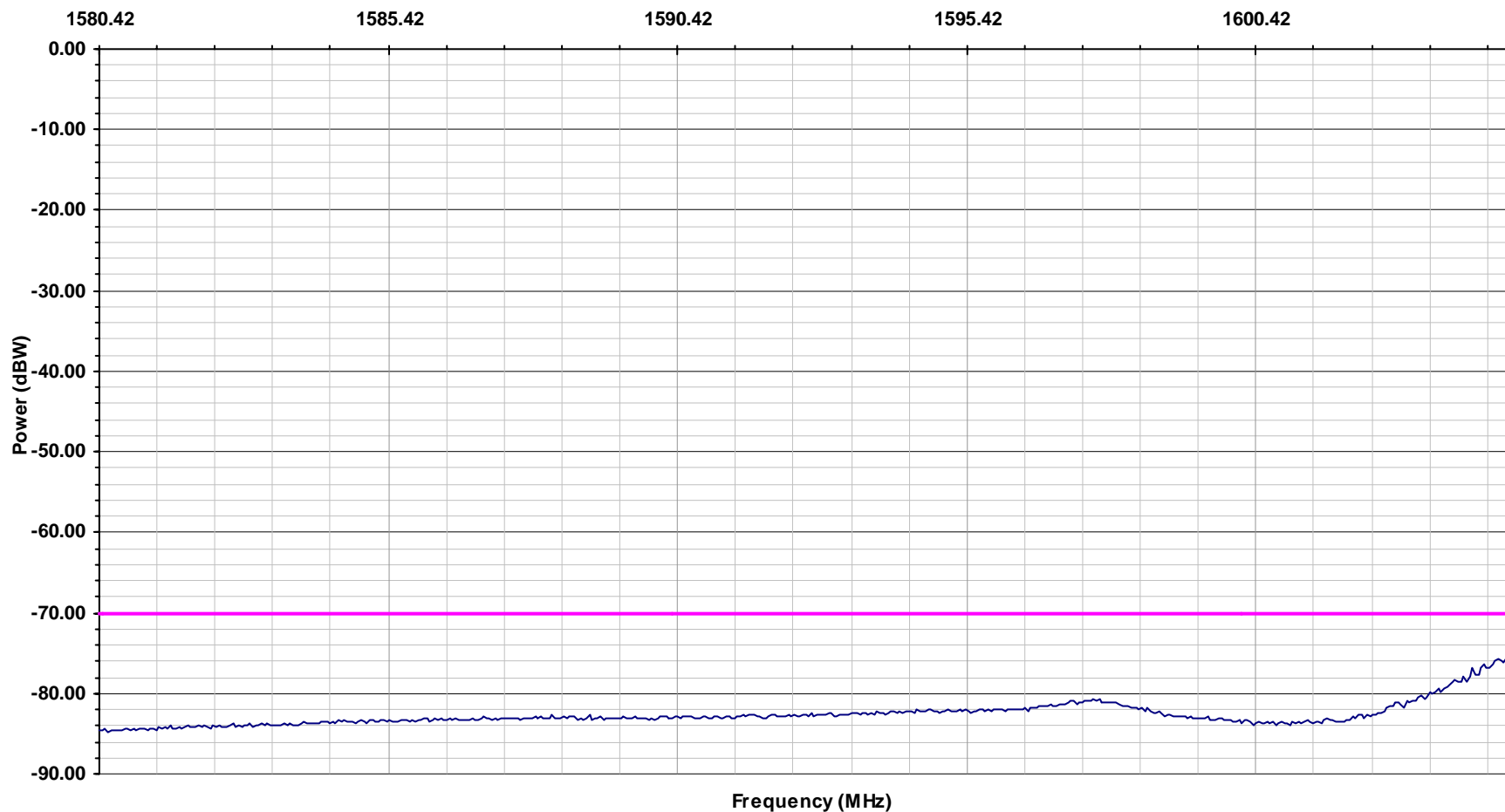
Ave: -82.518 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

375



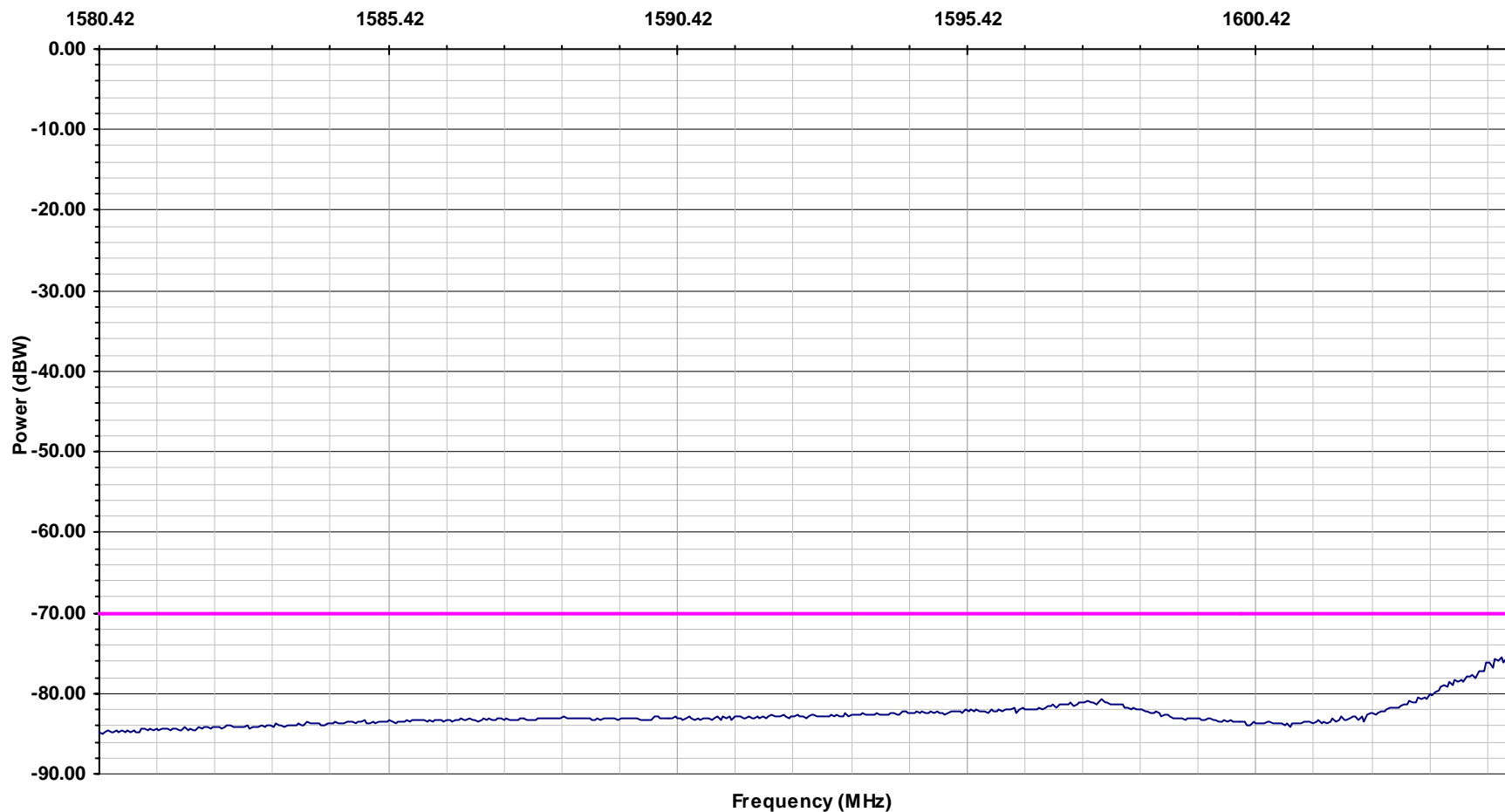
Max: -74.43 dBW @1604.9507 MHz
Min: -84.79 dBW @1580.5678 MHz **Ave:** -82.5719 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

378



Max: -74.37 dBW @1604.9507 MHz

Min: -85.1 dBW @1580.4693 MHz

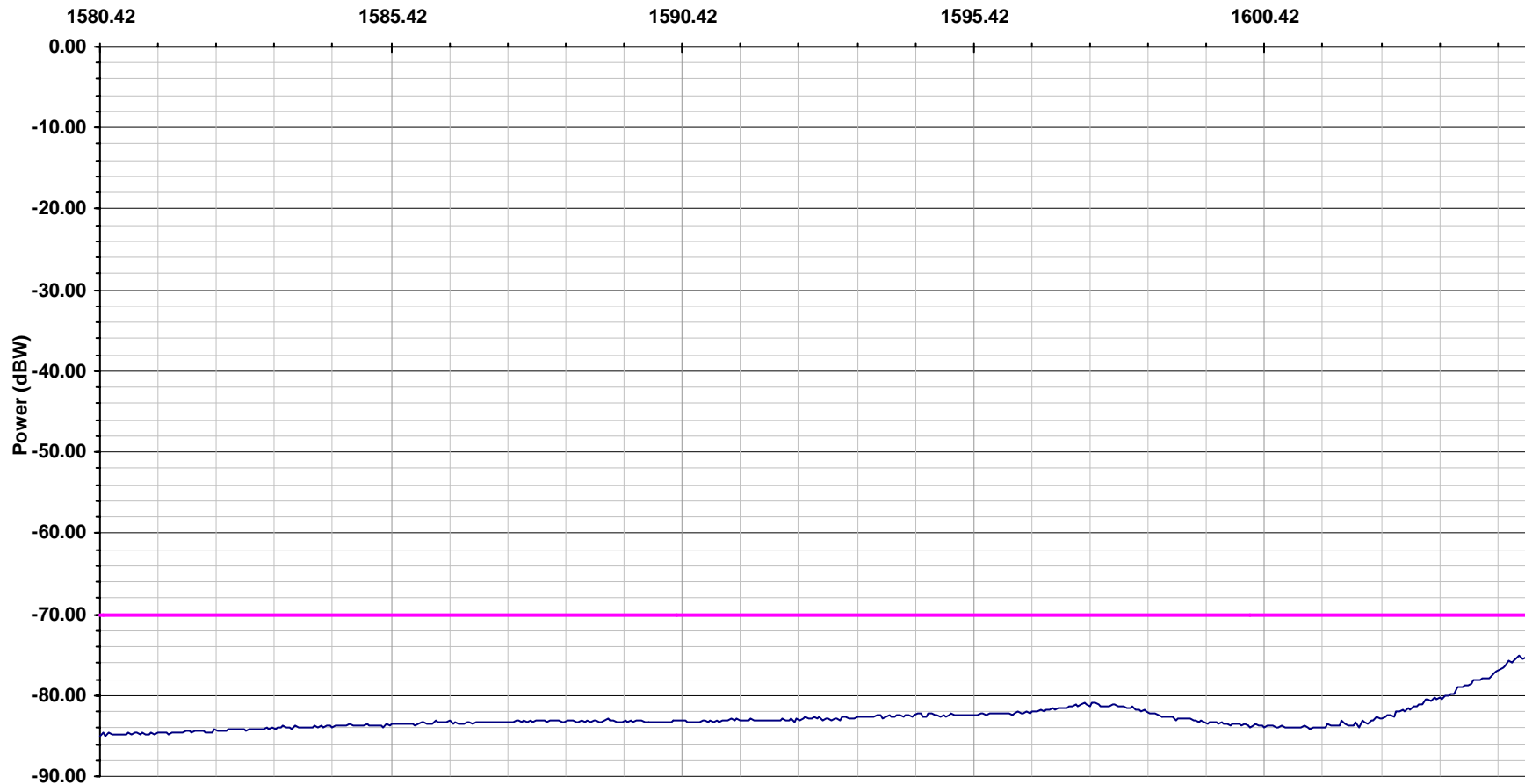
Ave: -82.6771 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

381



Max: -74.47 dBW @1605.0 MHz

Min: -84.96 dBW @1580.5185 MHz

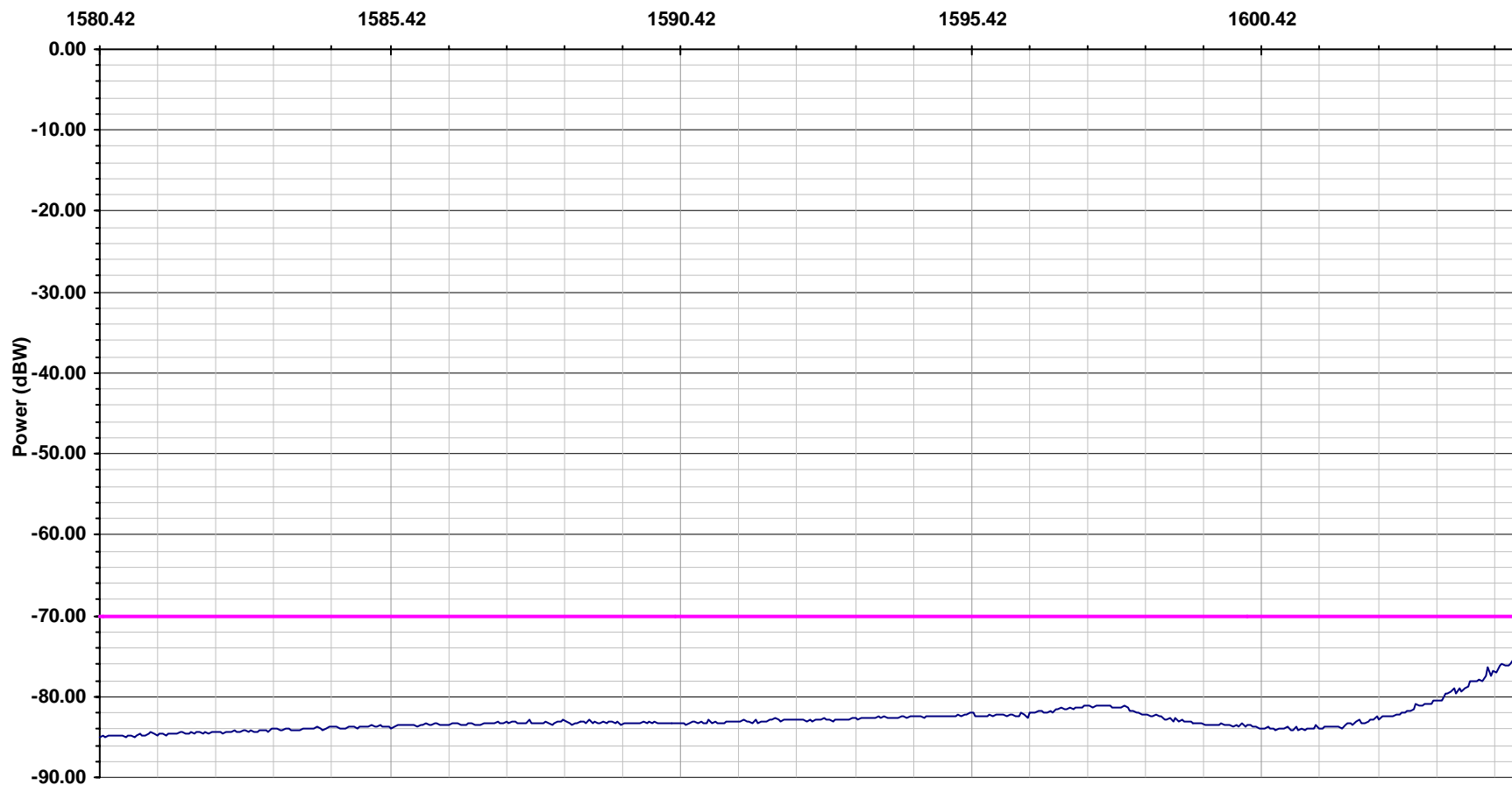
Ave: -82.7584 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band TX Emissions: 1580.42MHz to 1605.00MHz

384



Max: -74.64 dBW @1604.9507 MHz
 Min: -85.05 dBW @1580.42 MHz Ave: -82.8032 dBW

Globalstar Compliance Lab Data Plots



Qualcomm GCK-1410 Hands Free Car Kit for MES used on the Globalstar System

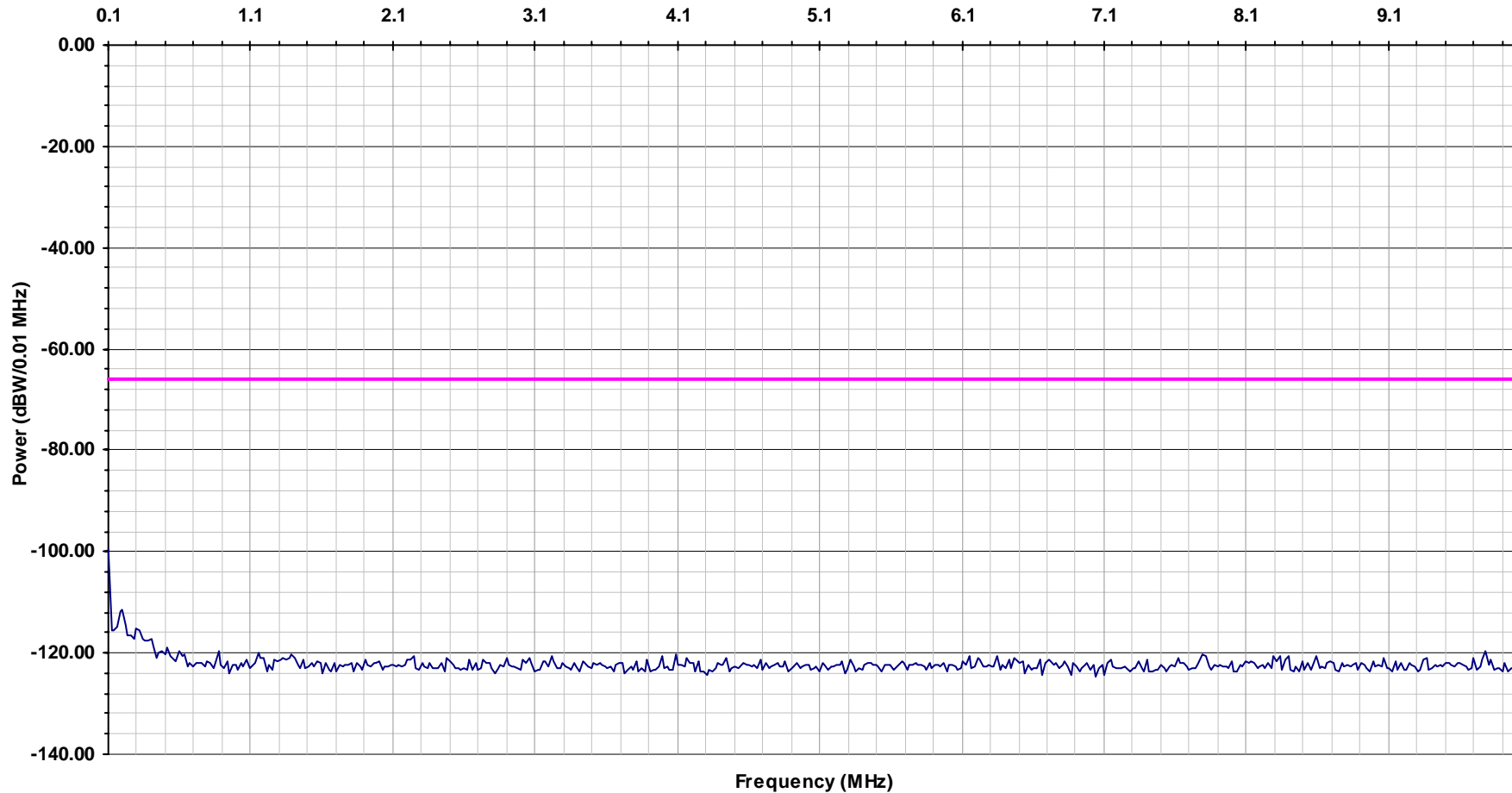
Annex A - Conducted Test Data

PlotTitle

Plot Number

Channel# 4 @ 25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 0.10MHz to 10.00MHz

42



Max: -99.4 dBW @0.1 MHz

Min: -124.54 dBW @7.0439 MHz

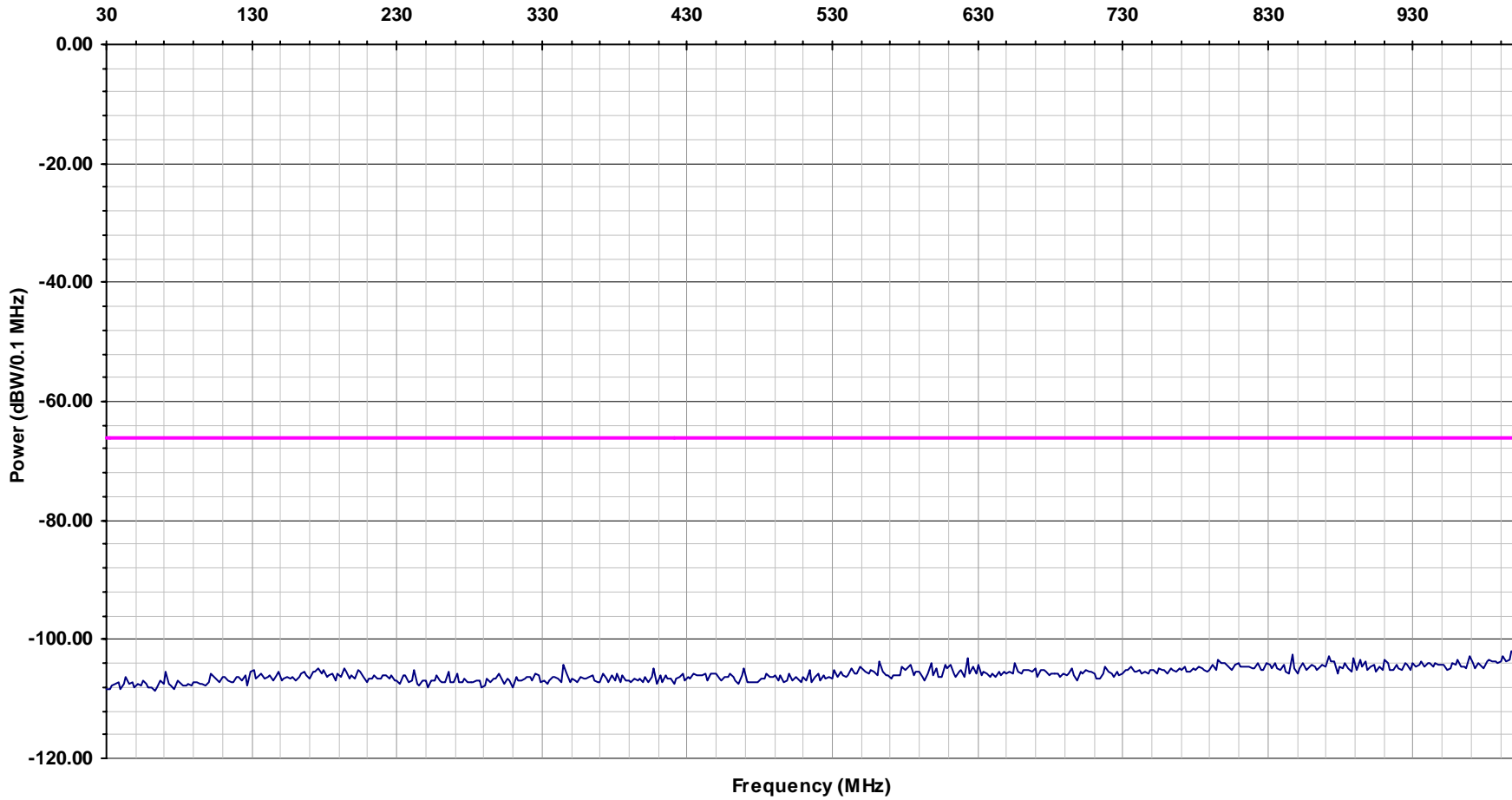
Ave: -122.1829 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 30.00MHz to 1000.00MHz

44



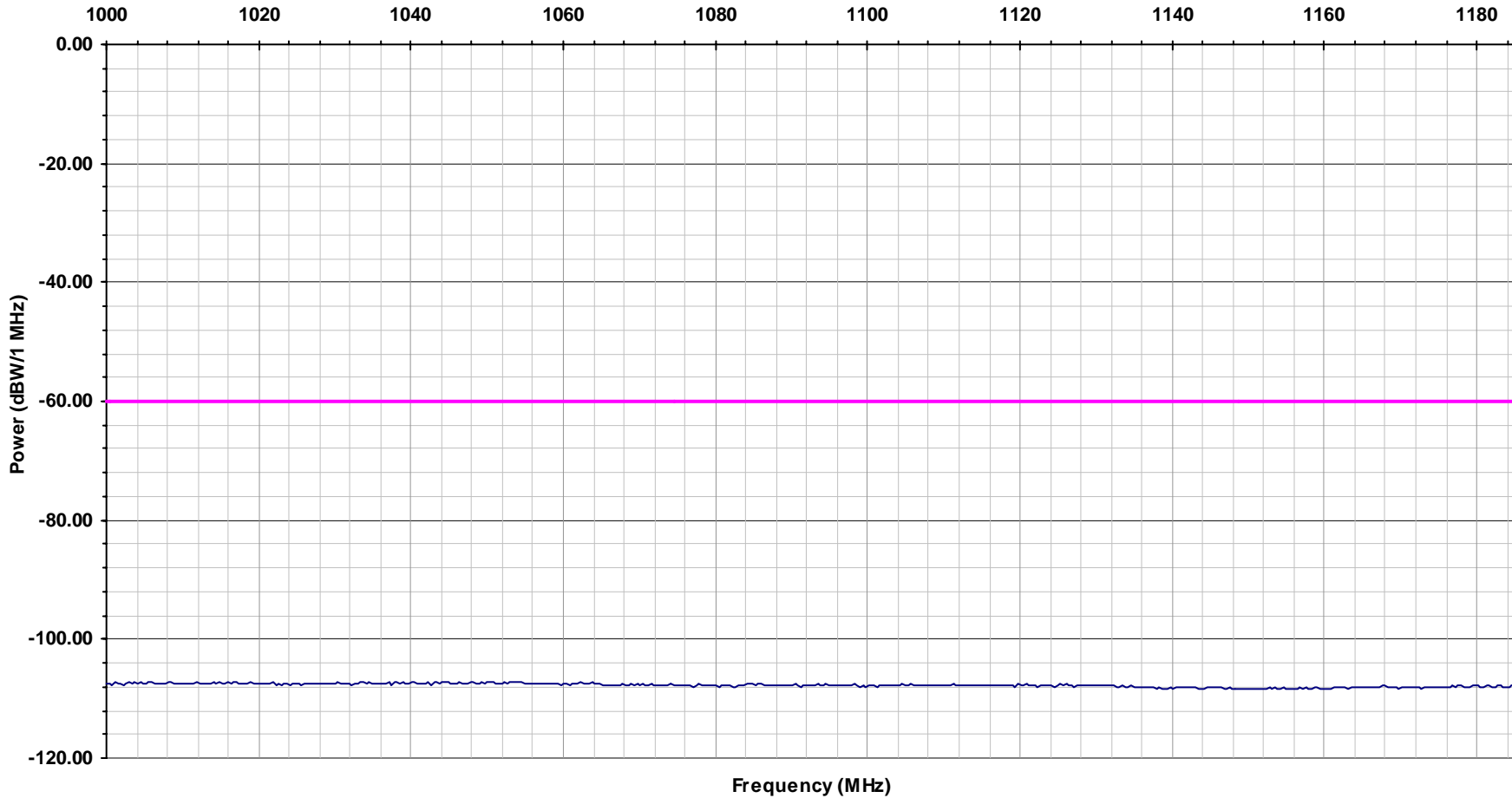
Max: -101.82 dBW @998.0561 MHz
Min: -108.57 dBW @63.0461 MHz **Ave:** -105.8238 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1000.00MHz to 1185.00MHz

45



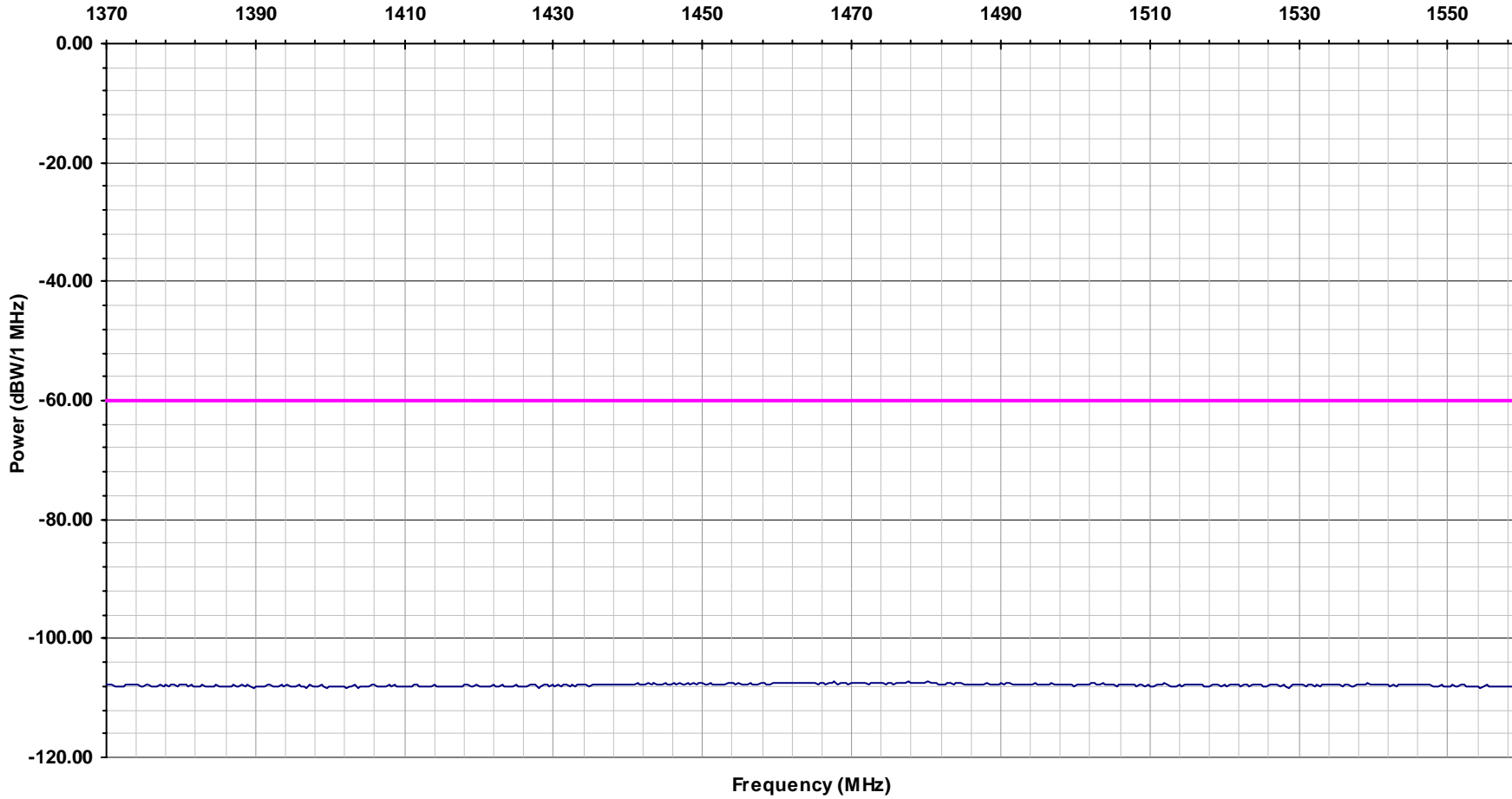
Max: -107.1 dBW @1008.5271 MHz
 Min: -108.48 dBW @1146.8136 MHz Ave: -107.7324 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1370.00MHz to 1559.00MHz

47



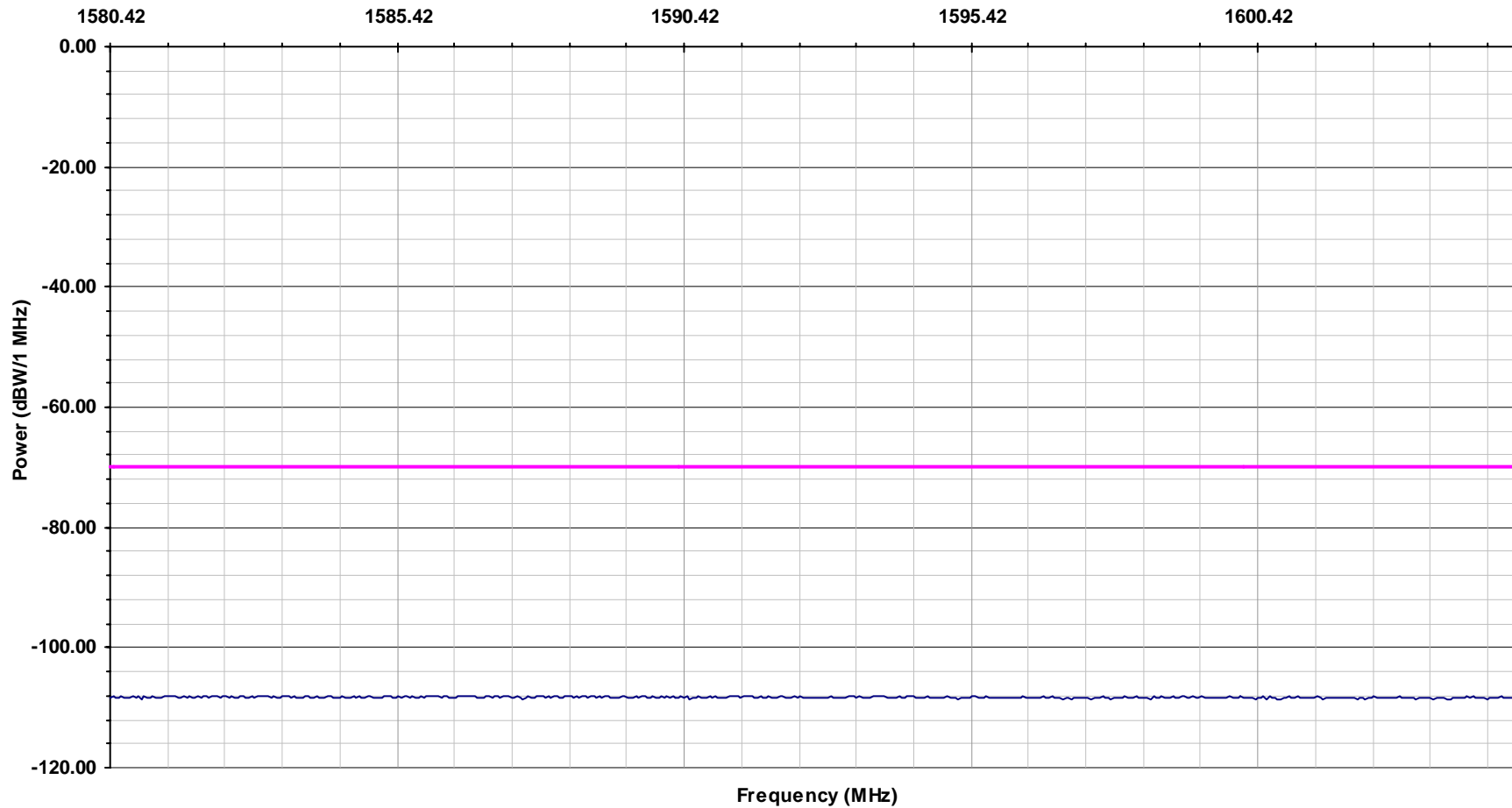
Max: -107.25 dBW @1477.5671 MHz
Min: -108.33 dBW @1427.9499 MHz Ave: -107.8177 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1580.42MHz to 1605.00MHz

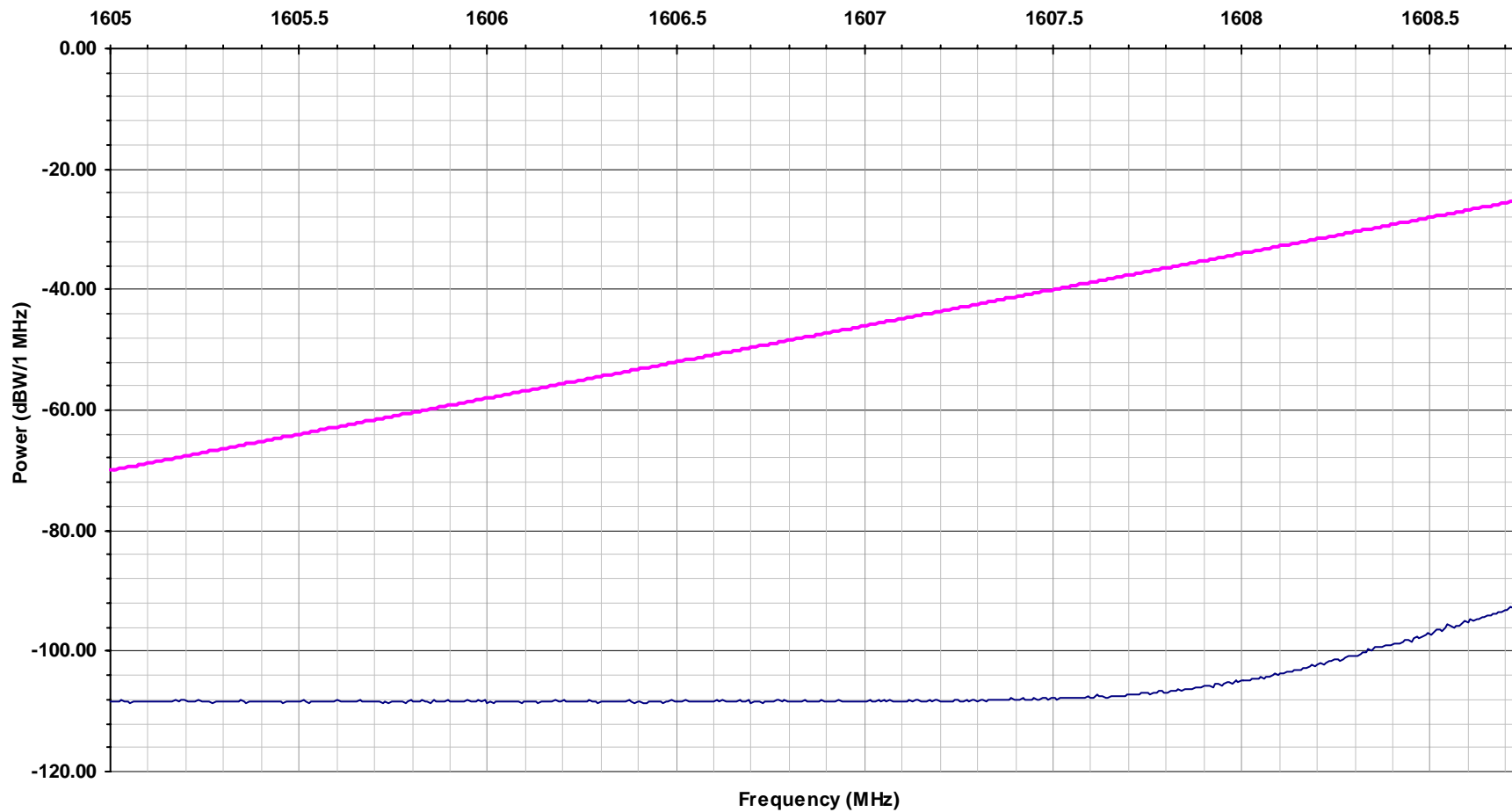
49



Max: -107.94 dBW @1584.9518 MHz
Min: -108.73 dBW @1597.5127 MHz **Ave:** -108.268 dBW

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1605.00MHz to 1608.75MHz

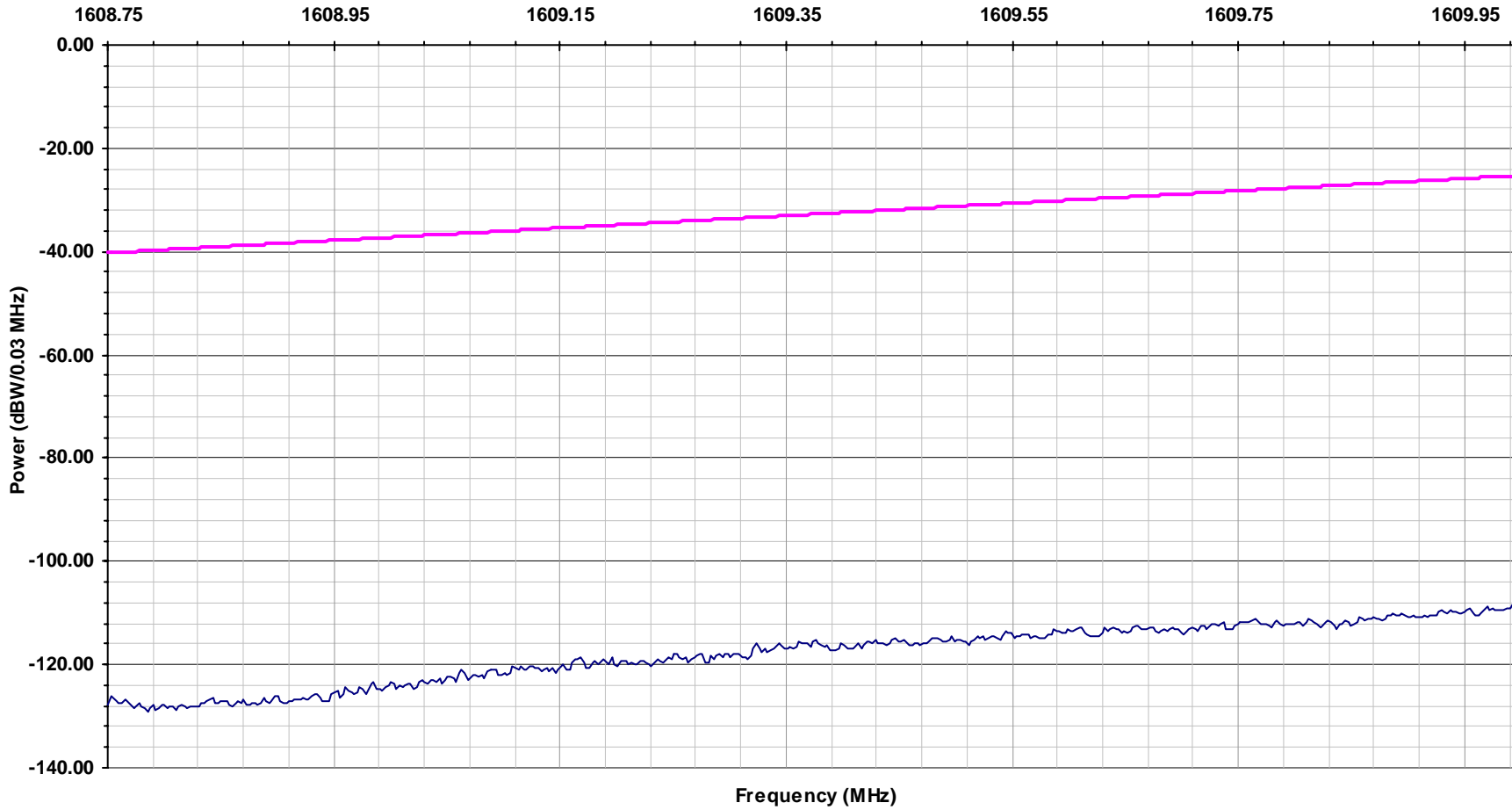
50



Max: -92.07 dBW @1608.7425 MHz
Min: -108.68 dBW @1605.3607 MHz Ave: -106.2423 dB

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1608.75MHz to 1610.00MHz

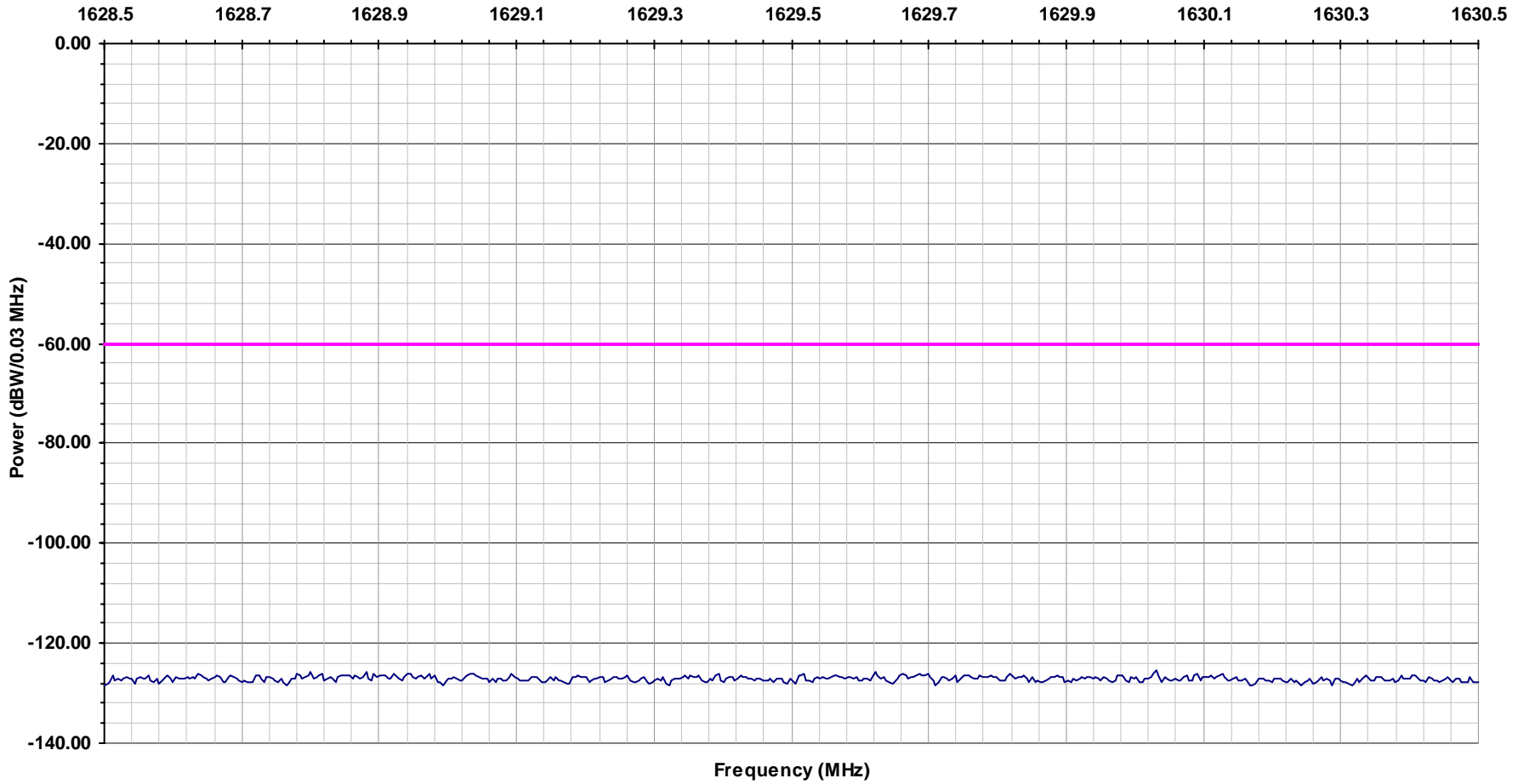
51



Max: -107.21 dBW @1610.0 MHz
Min: -129.04 dBW @1608.7851 MHz **Ave:** -117.8687 dB

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1628.50MHz to 1630.50MHz

52



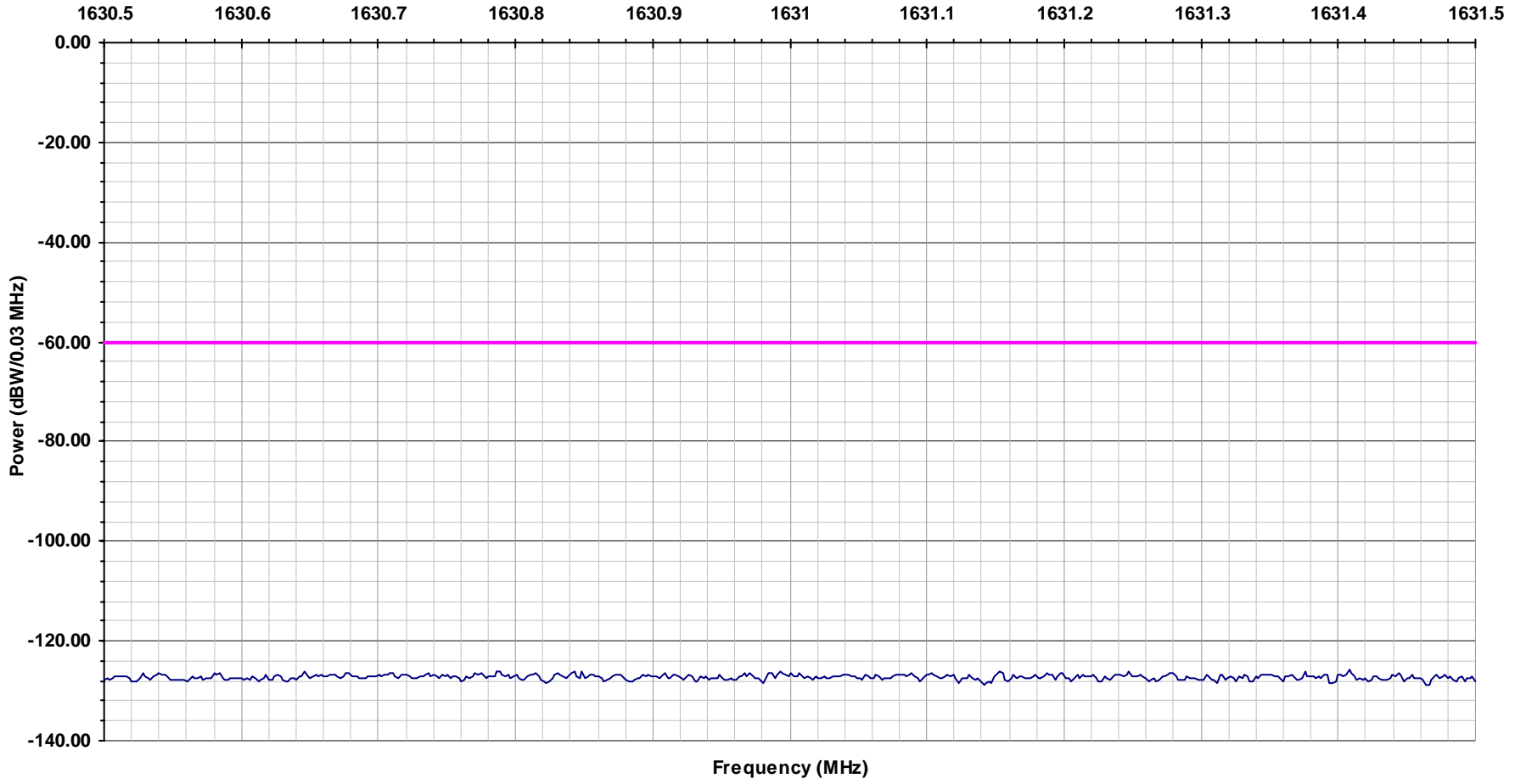
Max: -125.46 dBW @1630.0311 MHz
 Min: -128.56 dBW @1630.1713 MHz Ave: -127.083 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1630.50MHz to 1631.50MHz

53



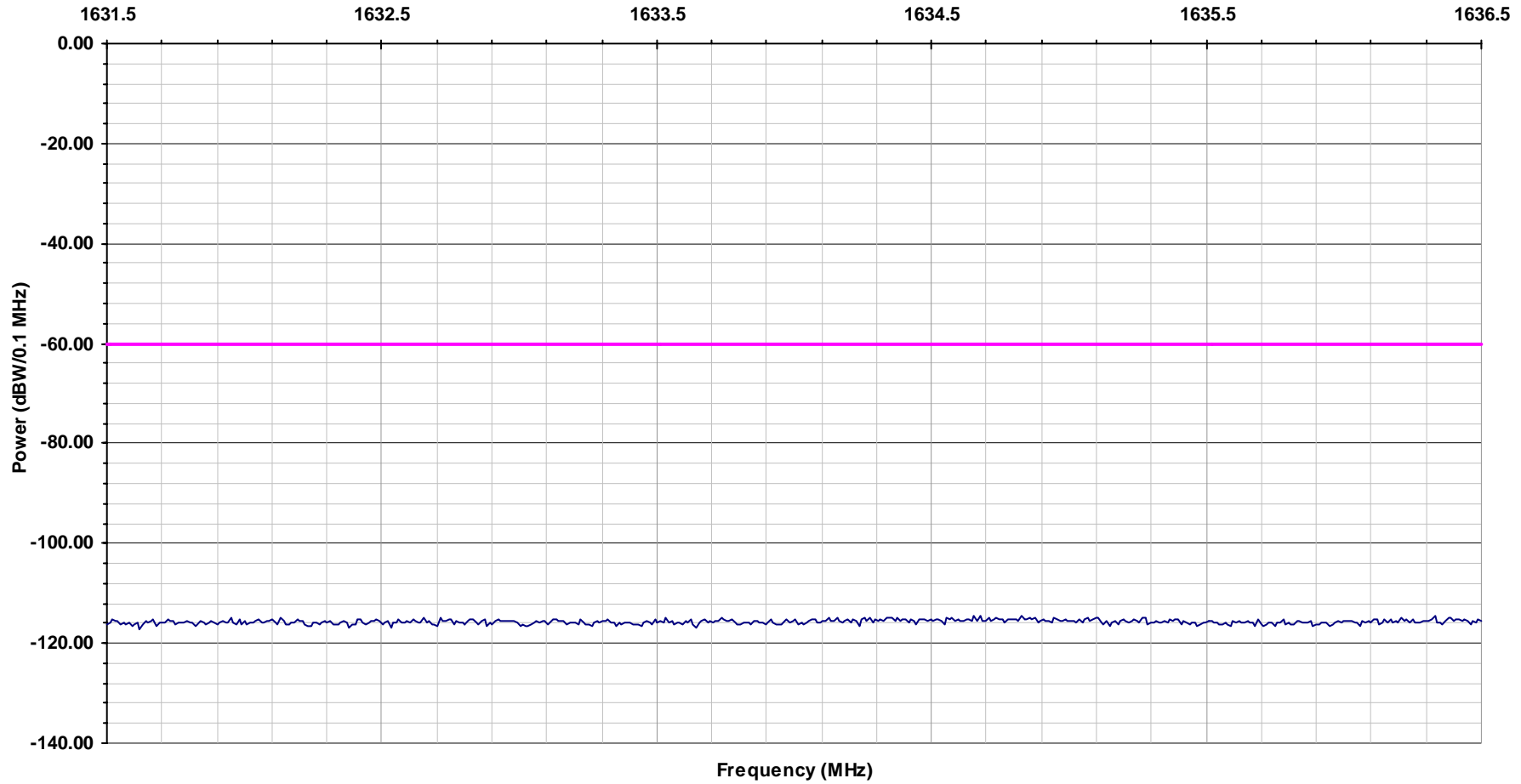
Max: -125.9 dBW @1631.4078 MHz
Min: -128.87 dBW @1631.4639 MHz **Ave:** -127.2239 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1631.50MHz to 1636.50MHz

54



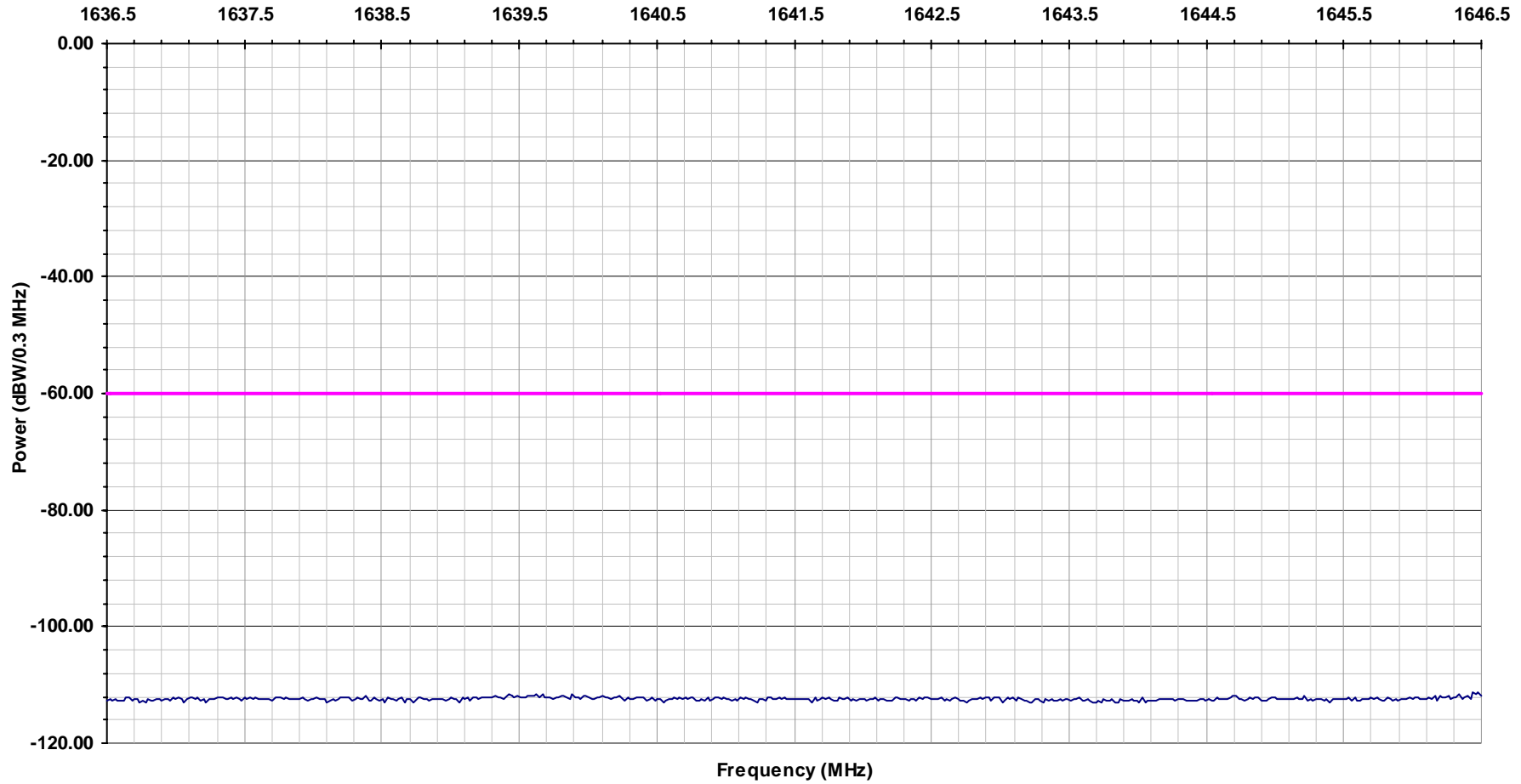
Max: -114.43 dBW @1636.3297 MHz
Min: -117.1 dBW @1631.6202 MHz **Ave:** -115.6913 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1636.50MHz to 1646.50MHz

55



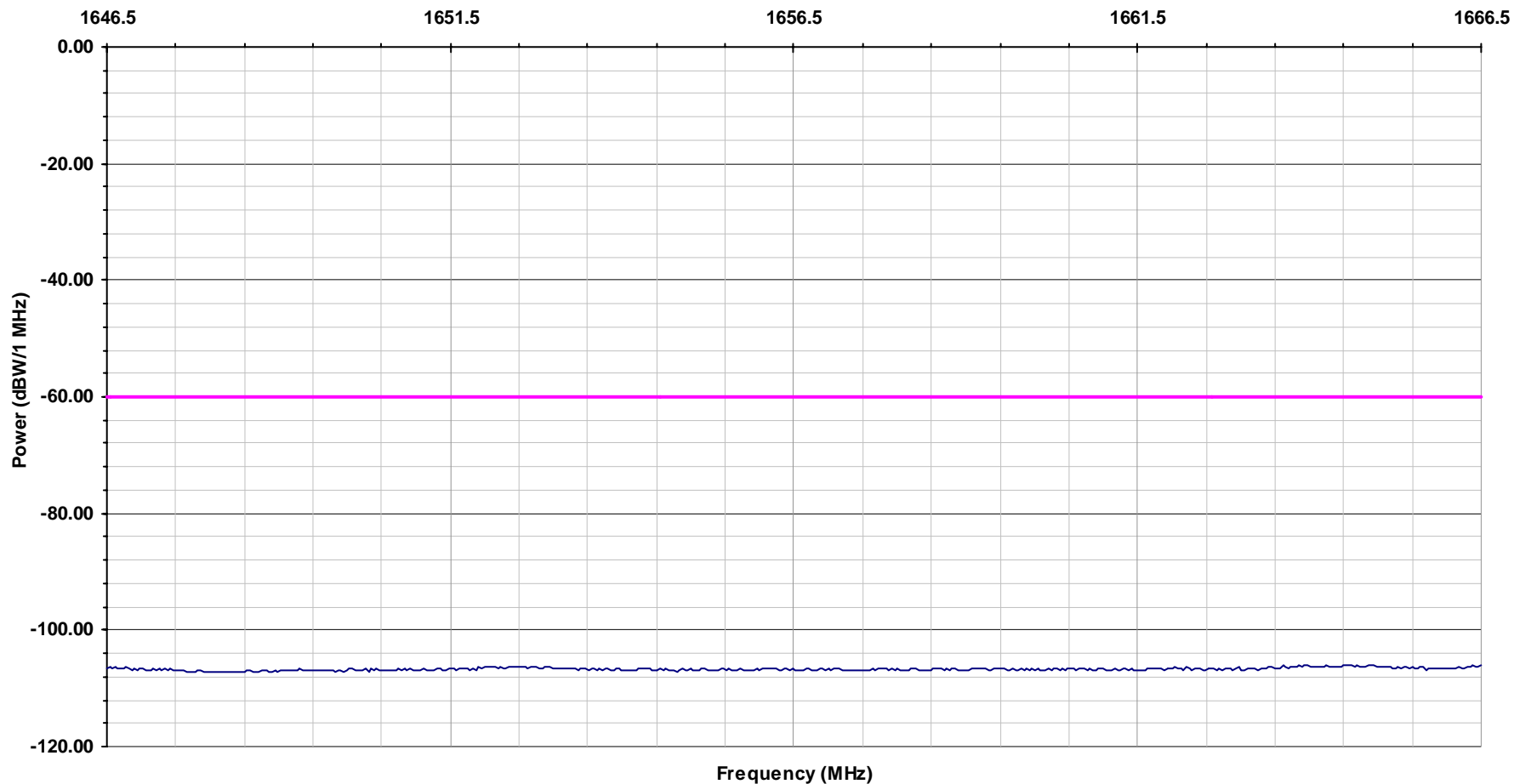
Max: -111.33 dBW @1646.4399 MHz
Min: -113.15 dBW @1643.8547 MHz **Ave:** -112.3966 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1646.50MHz to 1666.50MHz

56



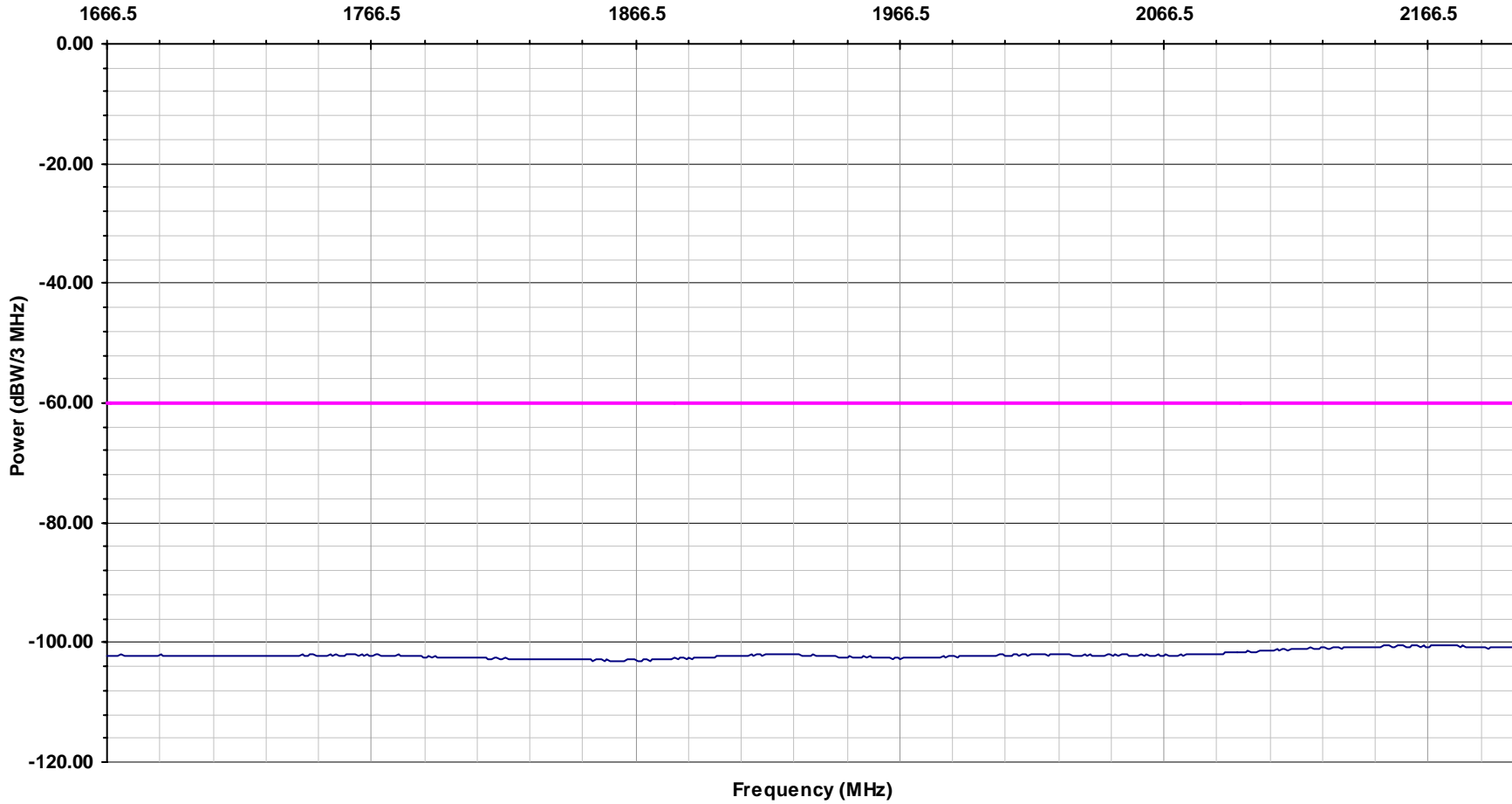
Max: -105.96 dBW @1664.496 MHz
Min: -107.26 dBW @1648.2234 MHz **Ave:** -106.6954 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1666.50MHz to 2200.00MHz

57



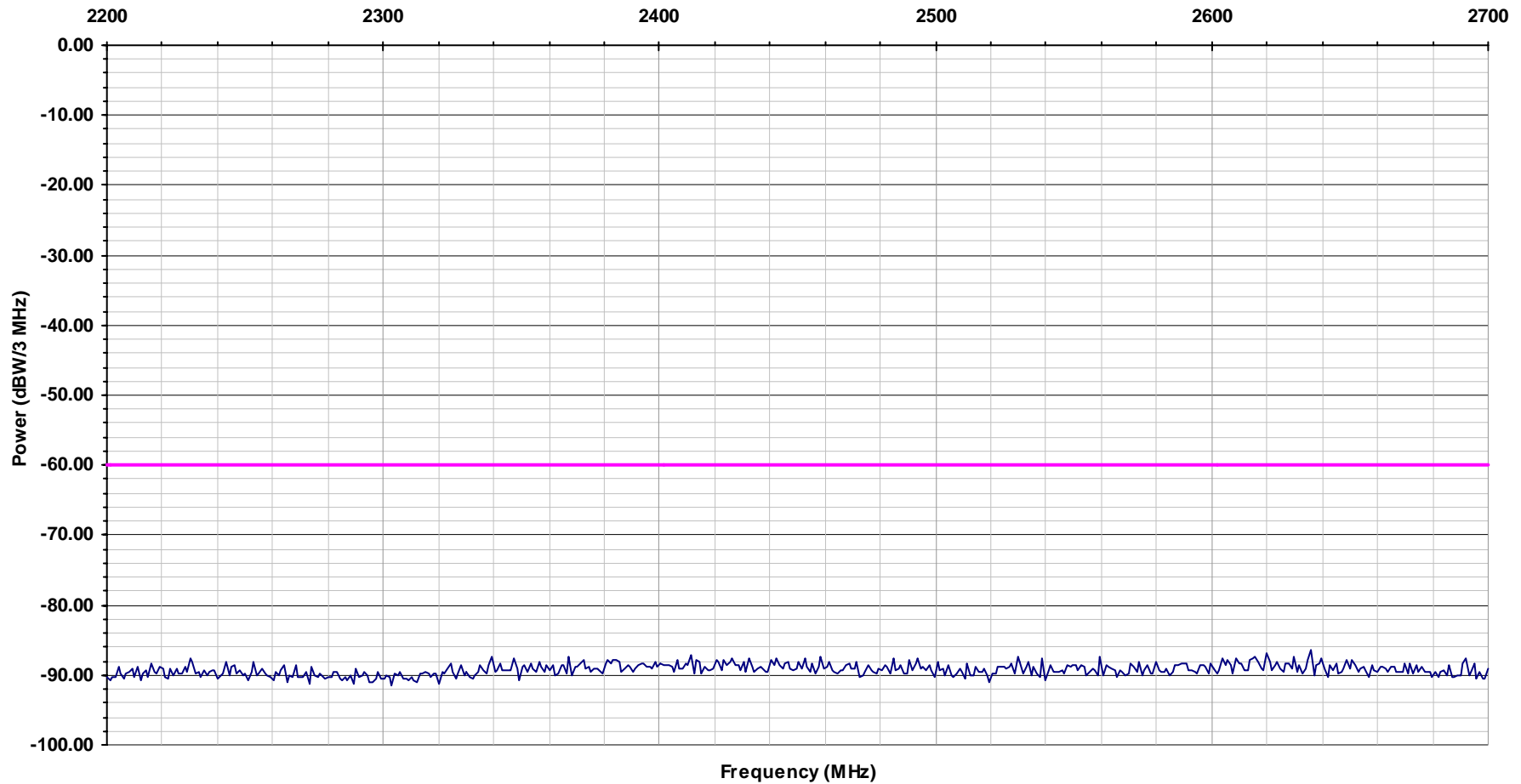
Max: -100.45 dBW @2149.7505 MHz
Min: -103.07 dBW @1861.0832 MHz **Ave:** -102.0421 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 2200.00MHz to 2700.00MHz

58



Max: -86.29 dBW @2635.8717 MHz

Min: -91.55 dBW @2303.2064 MHz

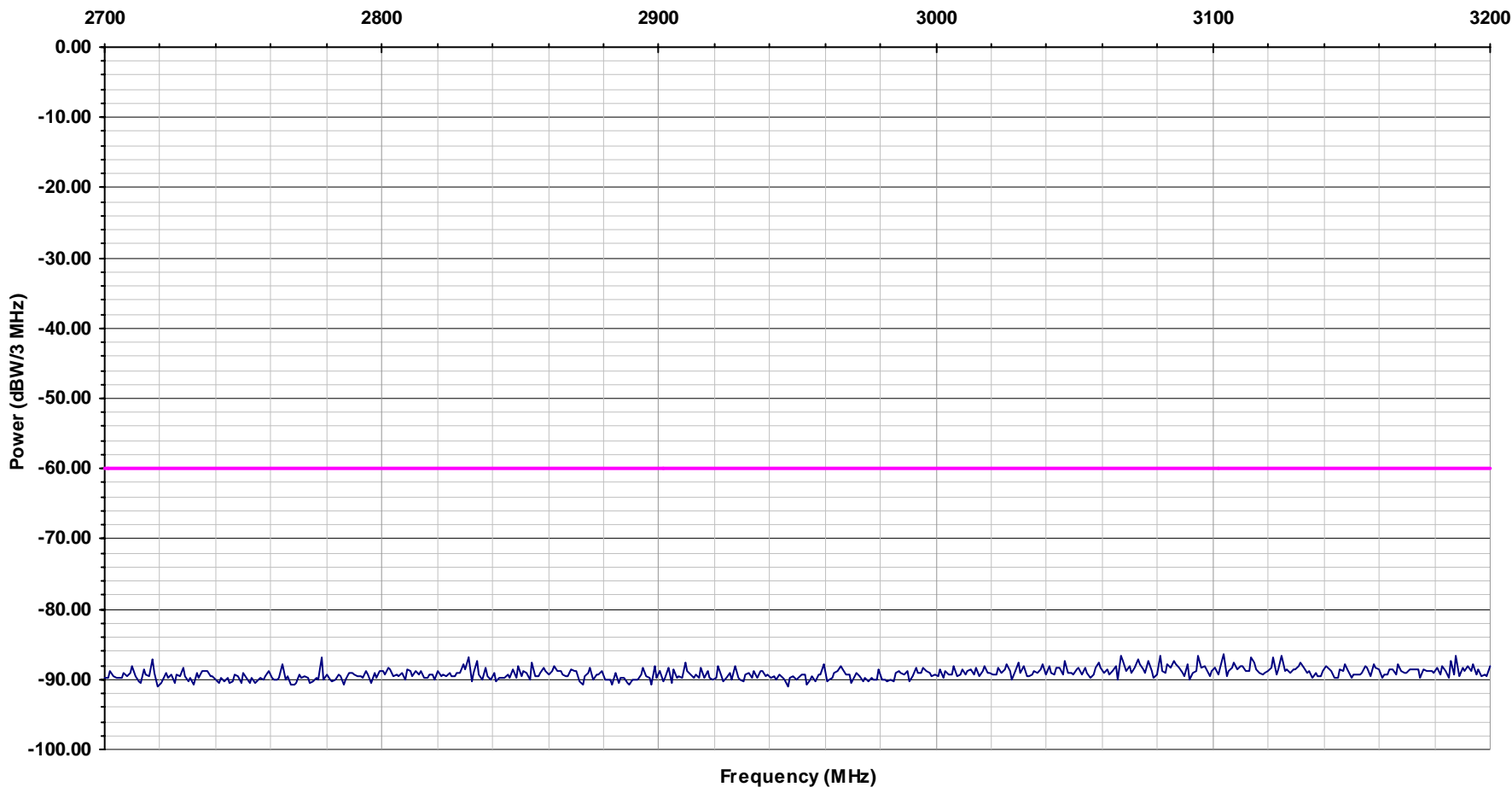
Ave: -89.2408 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 2700.00MHz to 3200.00MHz

59



Max: -86.38 dBW @3103.8076 MHz

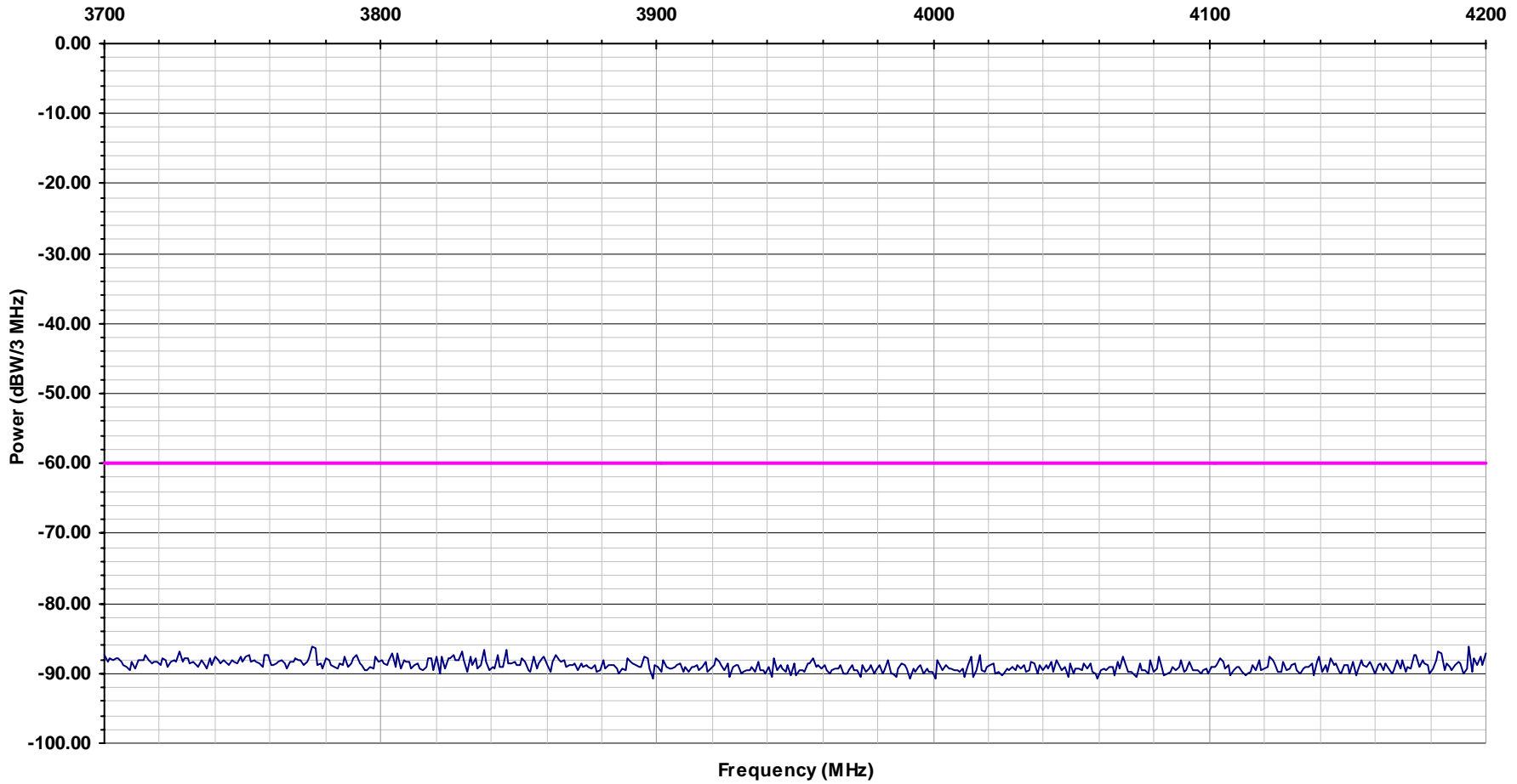
Min: -91.08 dBW @2719.0381 MHz Ave: -89.1781 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 3700.00MHz to 4200.00MHz

61



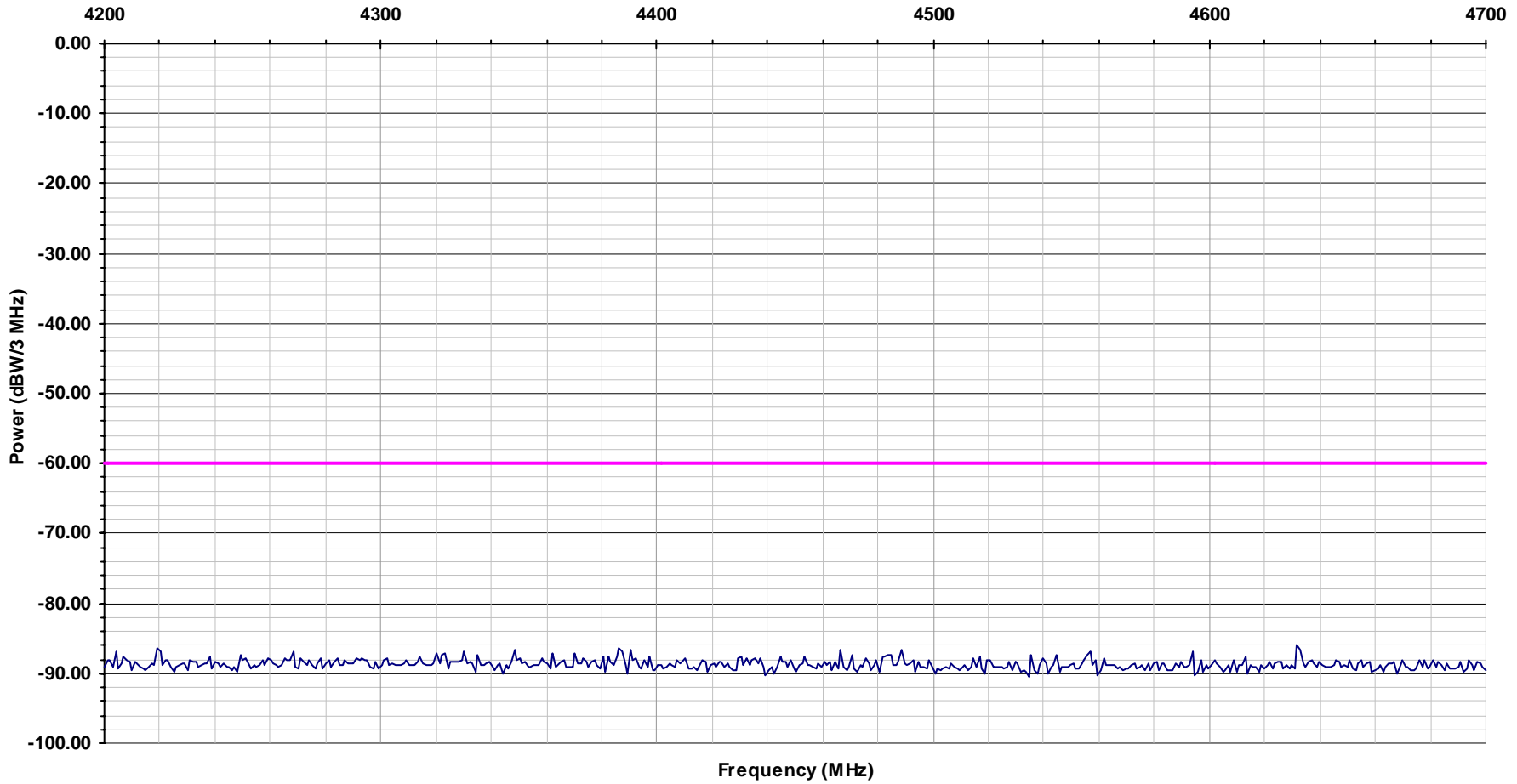
Max: -86.1 dBW @4193.988 MHz
Min: -90.84 dBW @3991.5832 MHz **Ave:** -88.9194 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 4200.00MHz to 4700.00MHz

62



Max: -86.02 dBW @4631.8637 MHz

Min: -90.6 dBW @4534.6693 MHz

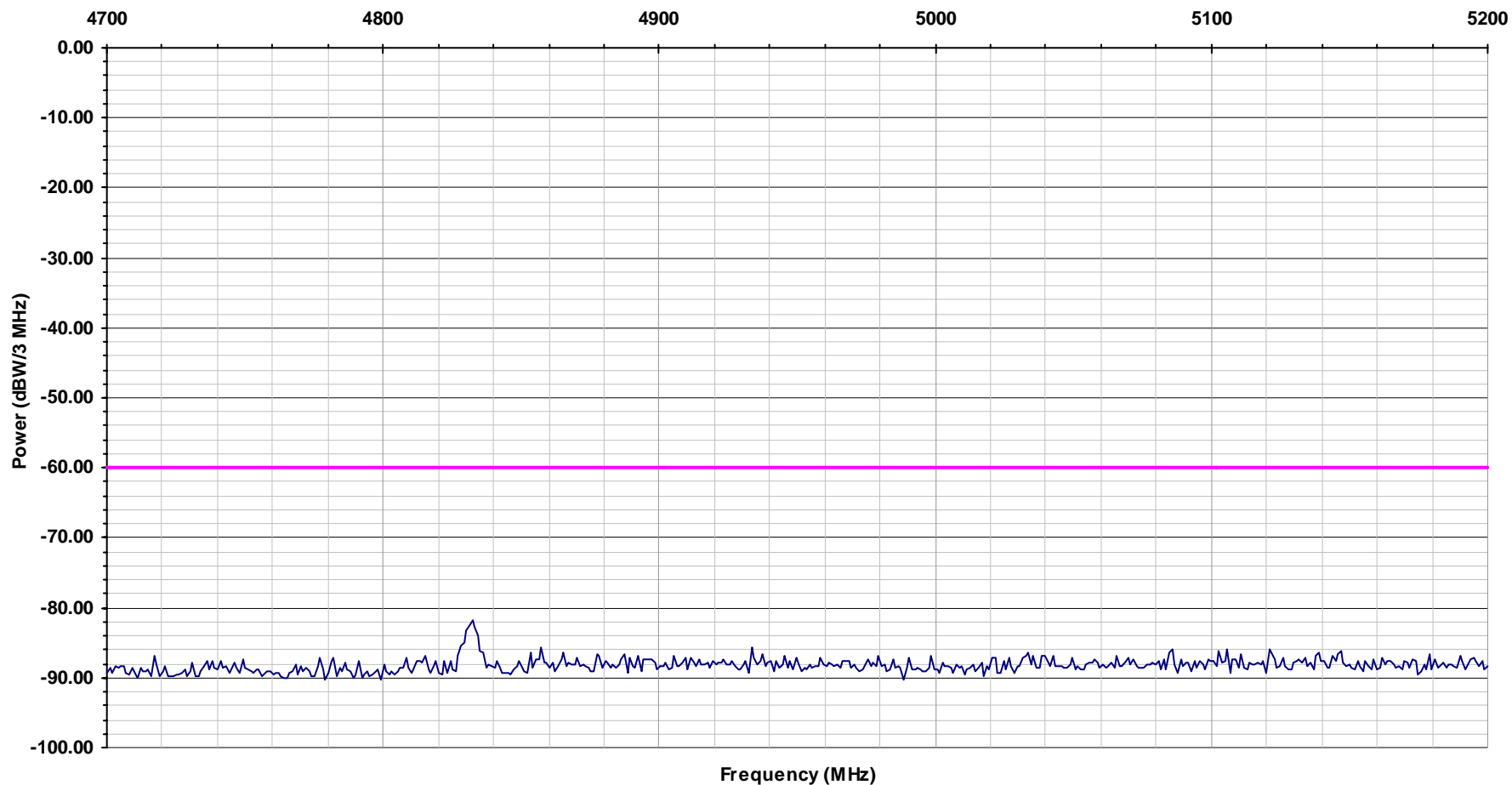
Ave: -88.7176 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 4700.00MHz to 5200.00MHz

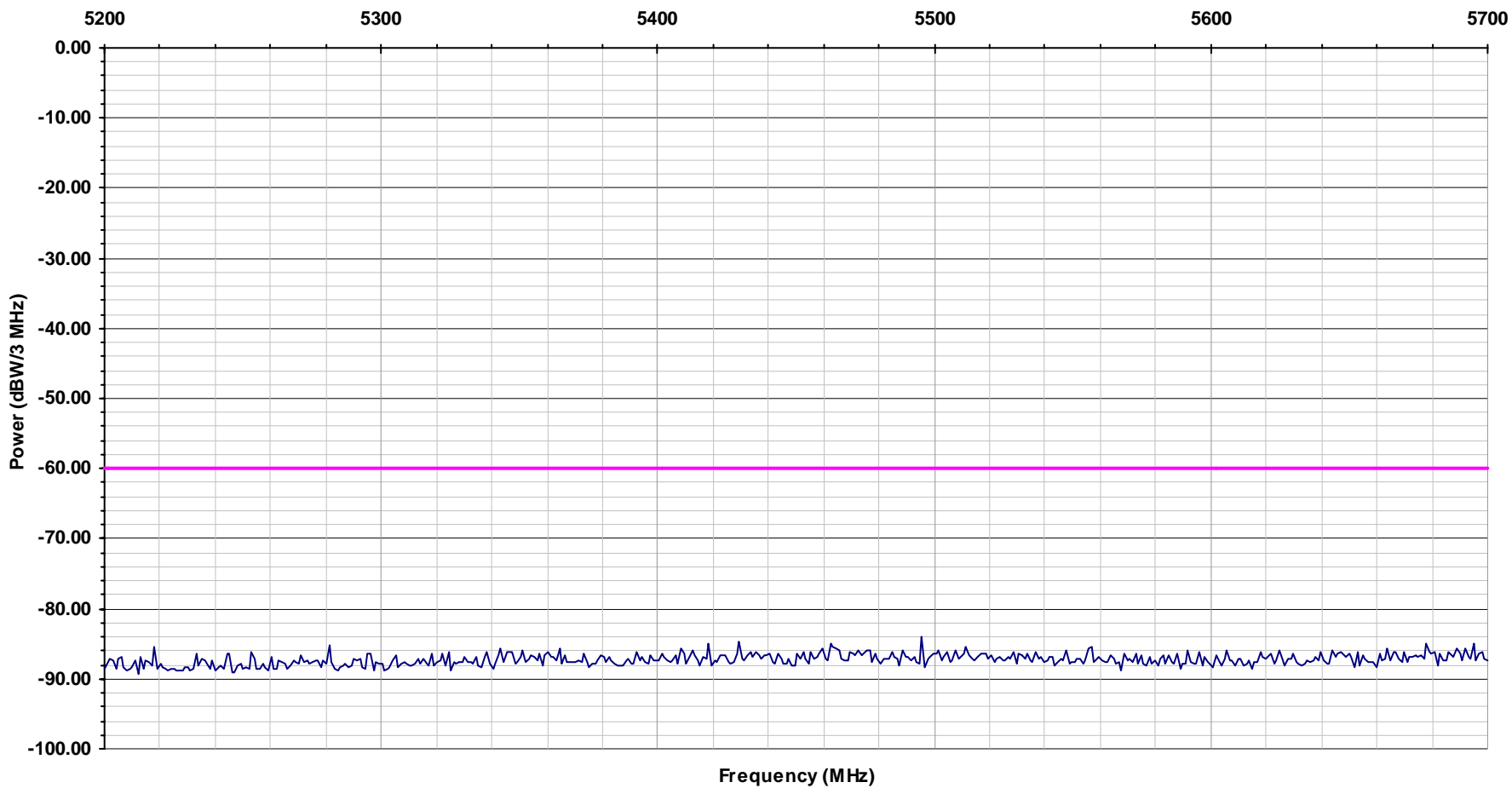
63



Max: -81.8 dBW @4832.2645 MHz
Min: -90.27 dBW @4988.5772 MHz Ave: -88.2167 dBW

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 5200.00MHz to 5700.00MHz

64



Max: -84.05 dBW @5495.5912 MHz

Min: -89.38 dBW @5212.024 MHz

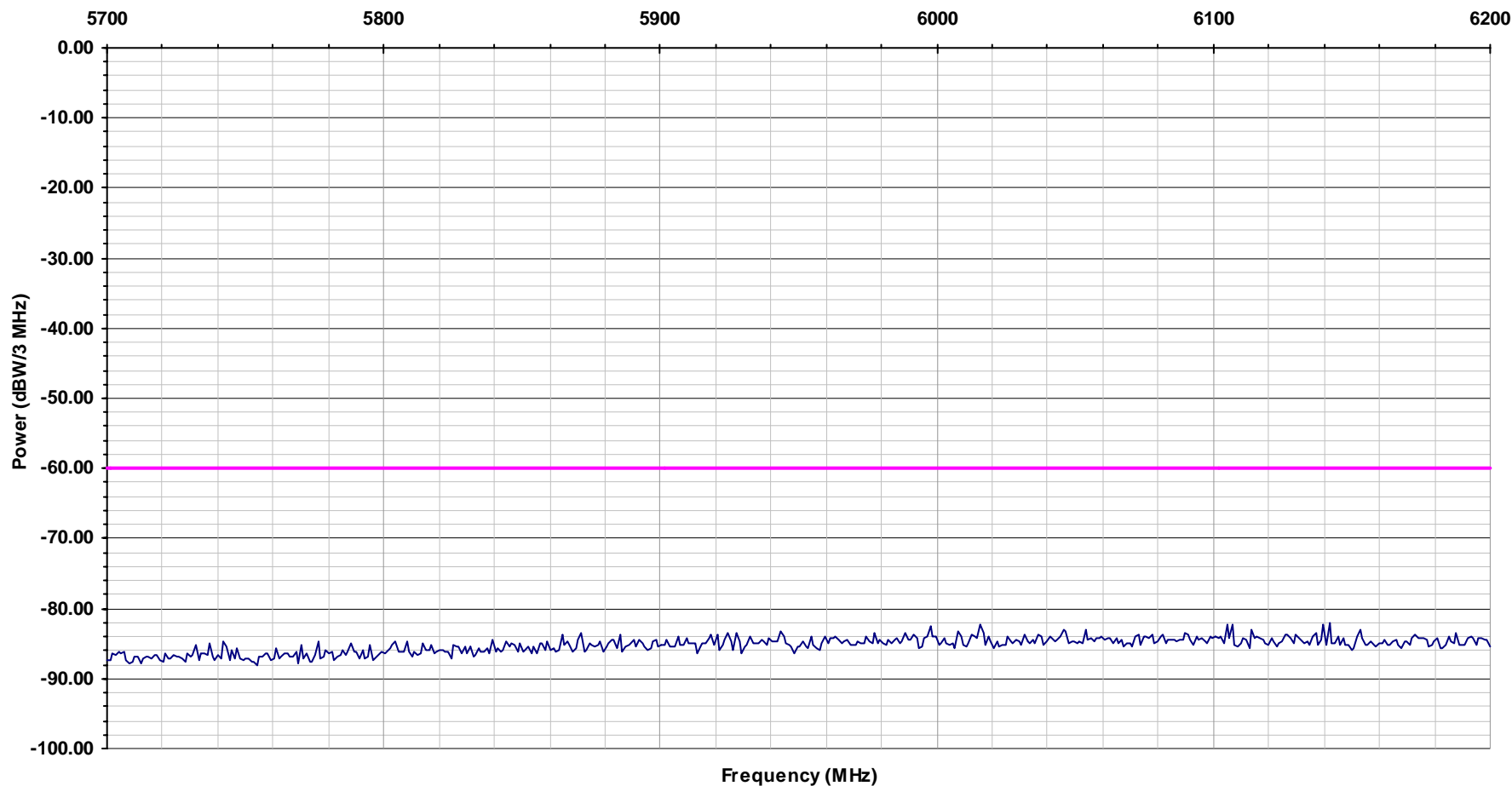
Ave: -87.2696 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 5700.00MHz to 6200.00MHz

65



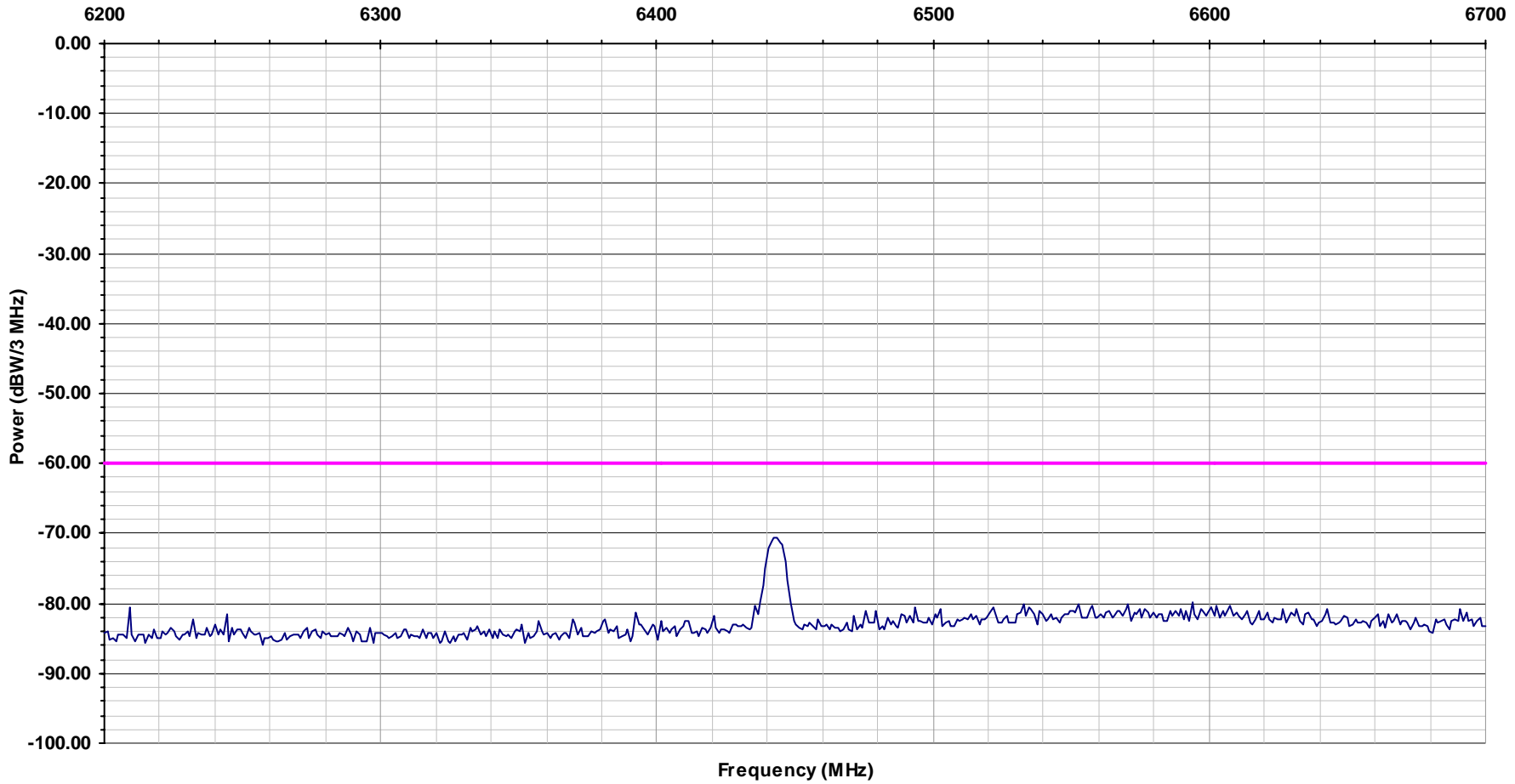
Max: -82.08 dBW @6141.8838 MHz
Min: -88.13 dBW @5754.1082 MHz **Ave:** -85.2247 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 6200.00MHz to 6700.00MHz

66



Max: -70.61 dBW @6443.487 MHz

Min: -85.83 dBW @6257.1142 MHz

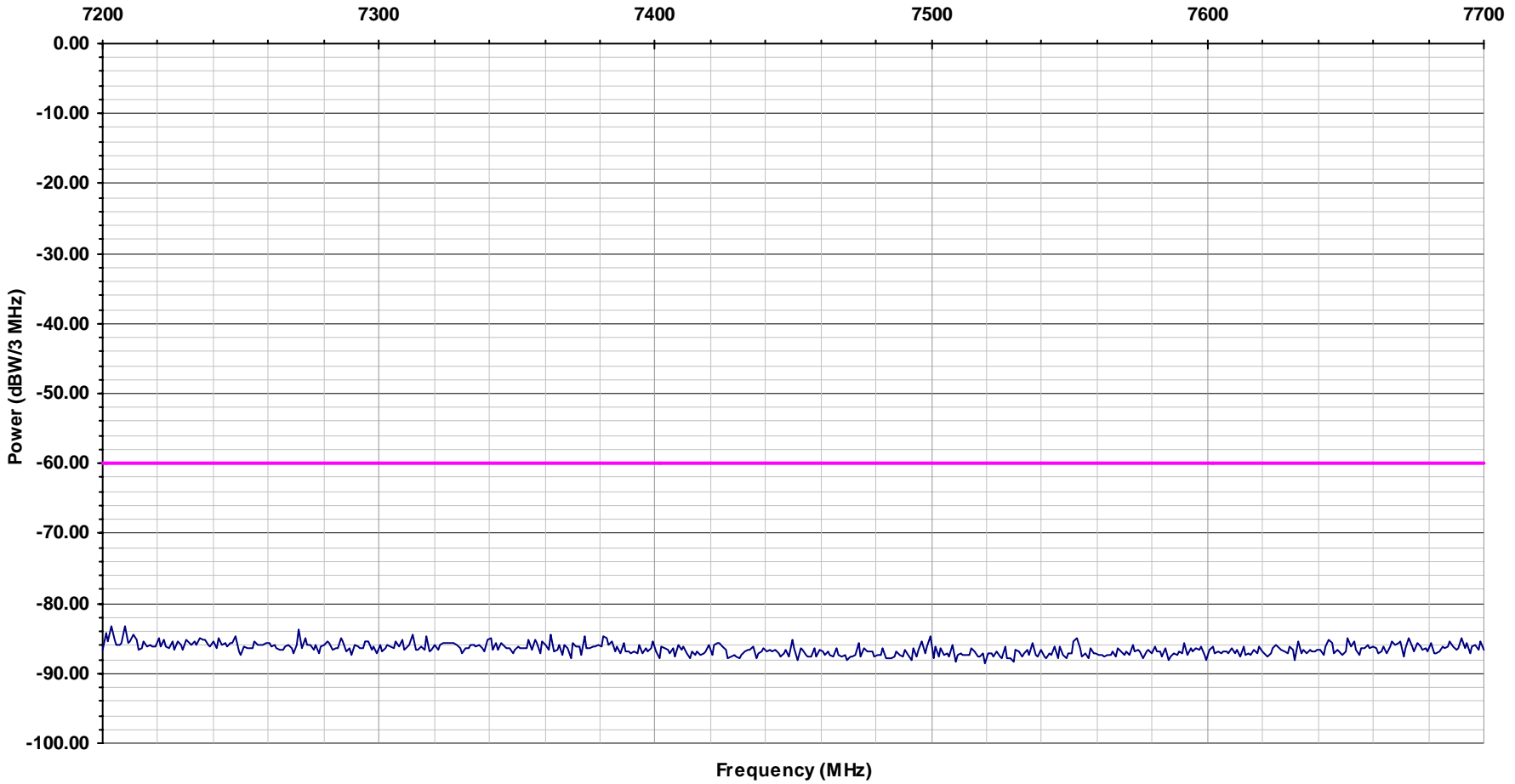
Ave: -82.957 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 7200.00MHz to 7700.00MHz

68



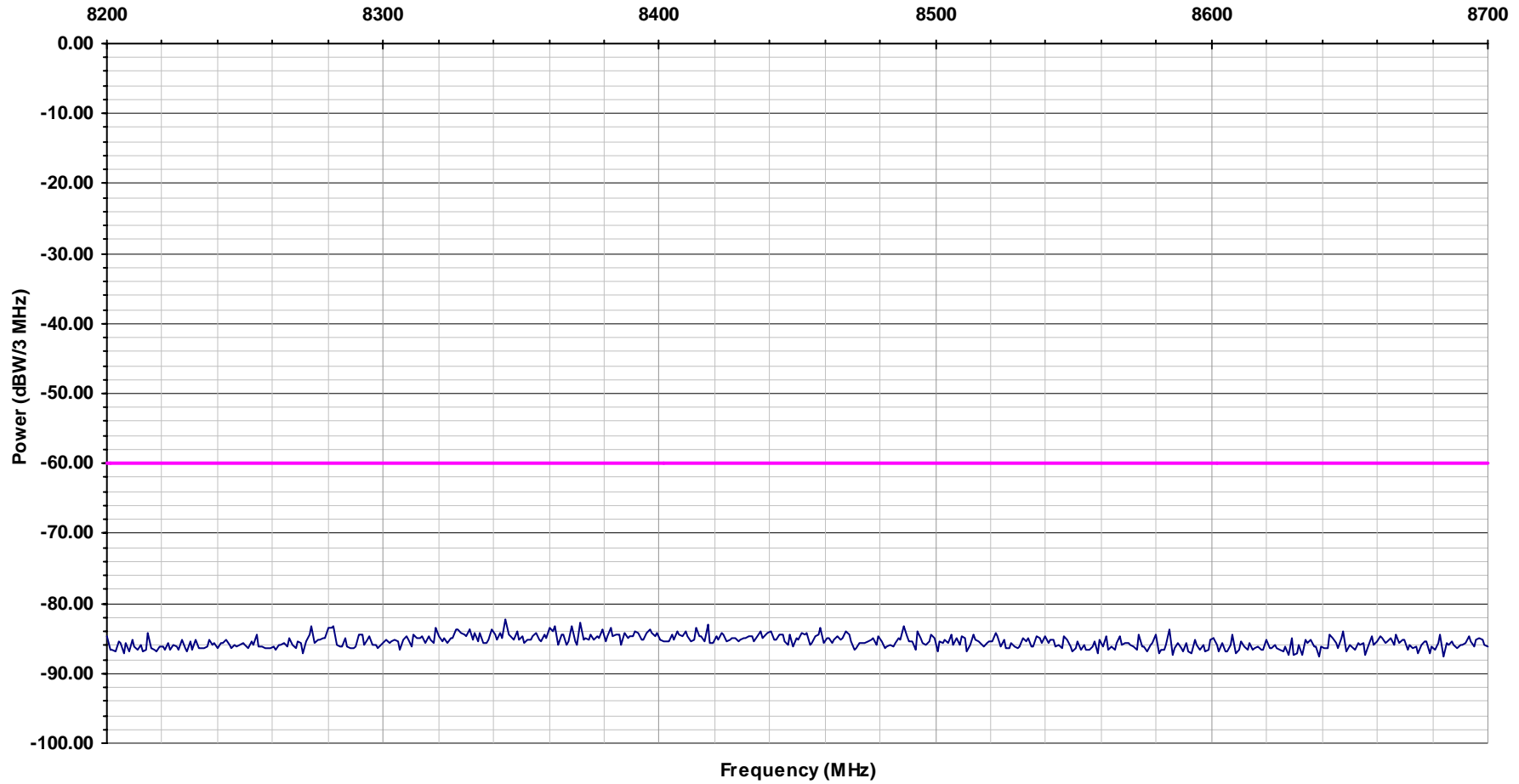
Max: -83.18 dBW @7203.006 MHz
Min: -88.54 dBW @7519.6393 MHz **Ave:** -86.5348 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 8200.00MHz to 8700.00MHz

70



Max: -82.22 dBW @8344.2886 MHz

Min: -87.68 dBW @8683.9679 MHz

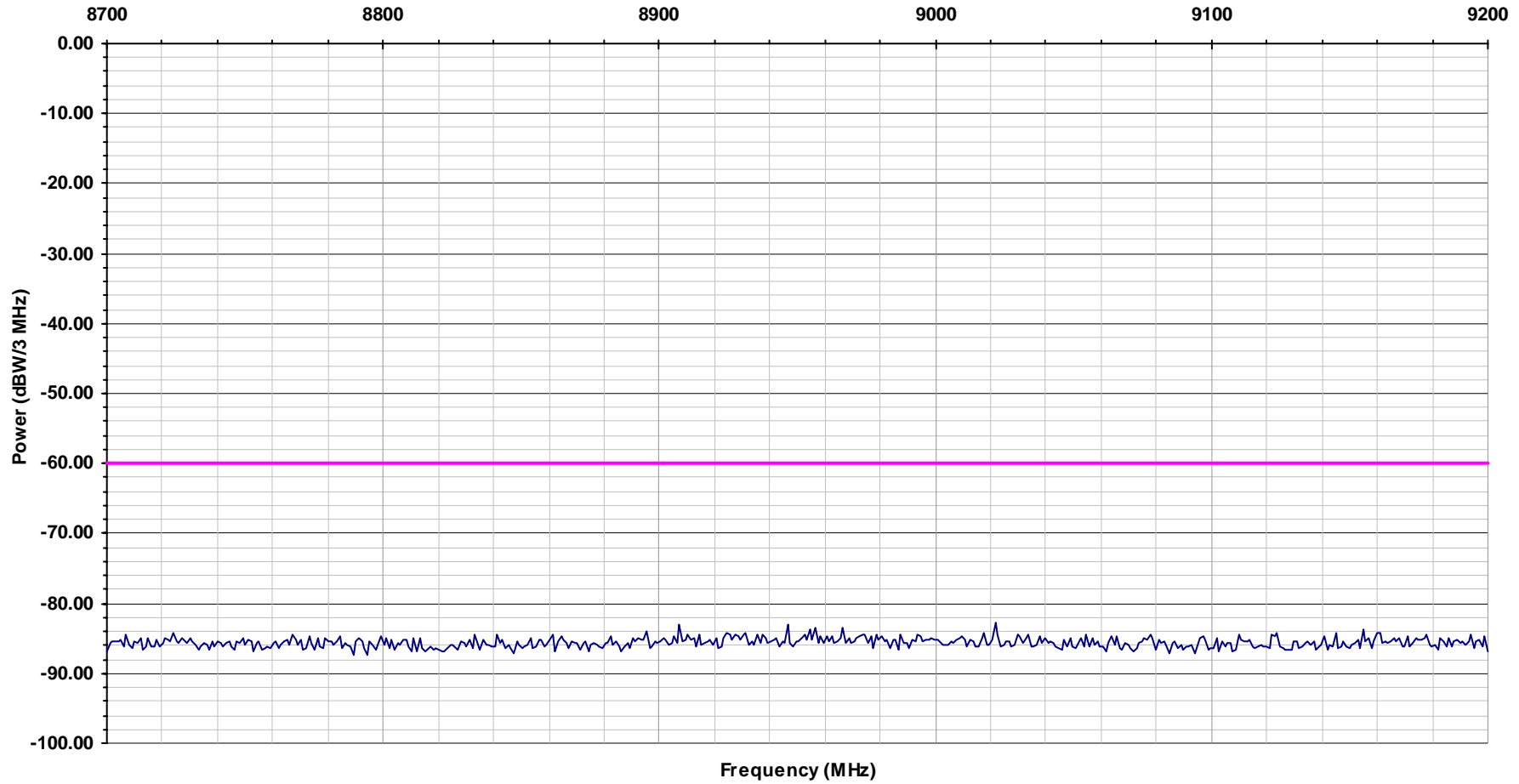
Ave: -85.4852 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 8700.00MHz to 9200.00MHz

71



Max: -82.85 dBW @9021.6433 MHz

Min: -87.3 dBW @8789.1784 MHz

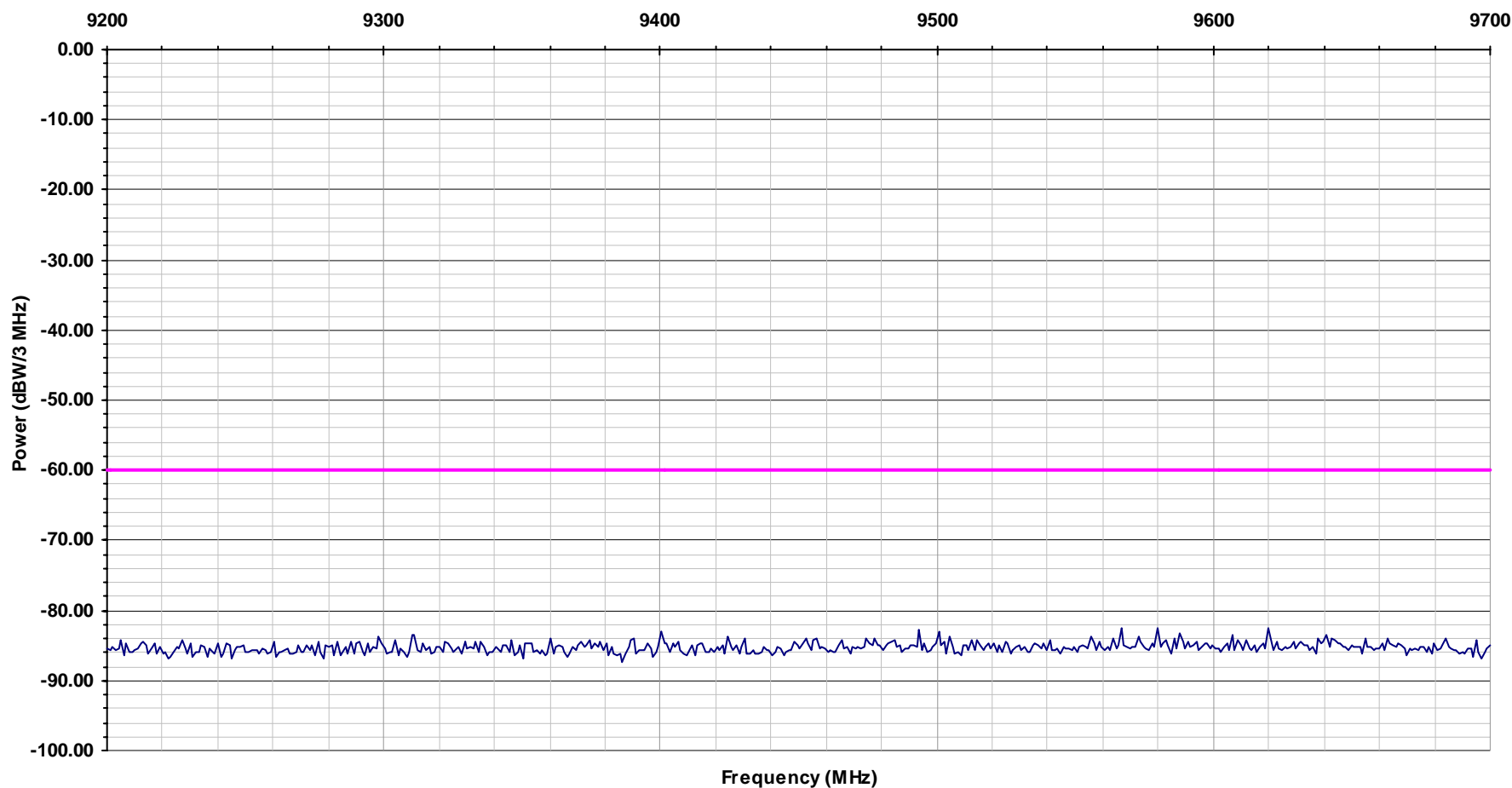
Ave: -85.6193 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 9200.00MHz to 9700.00MHz

72



Max: -82.42 dBW @9566.7335 MHz

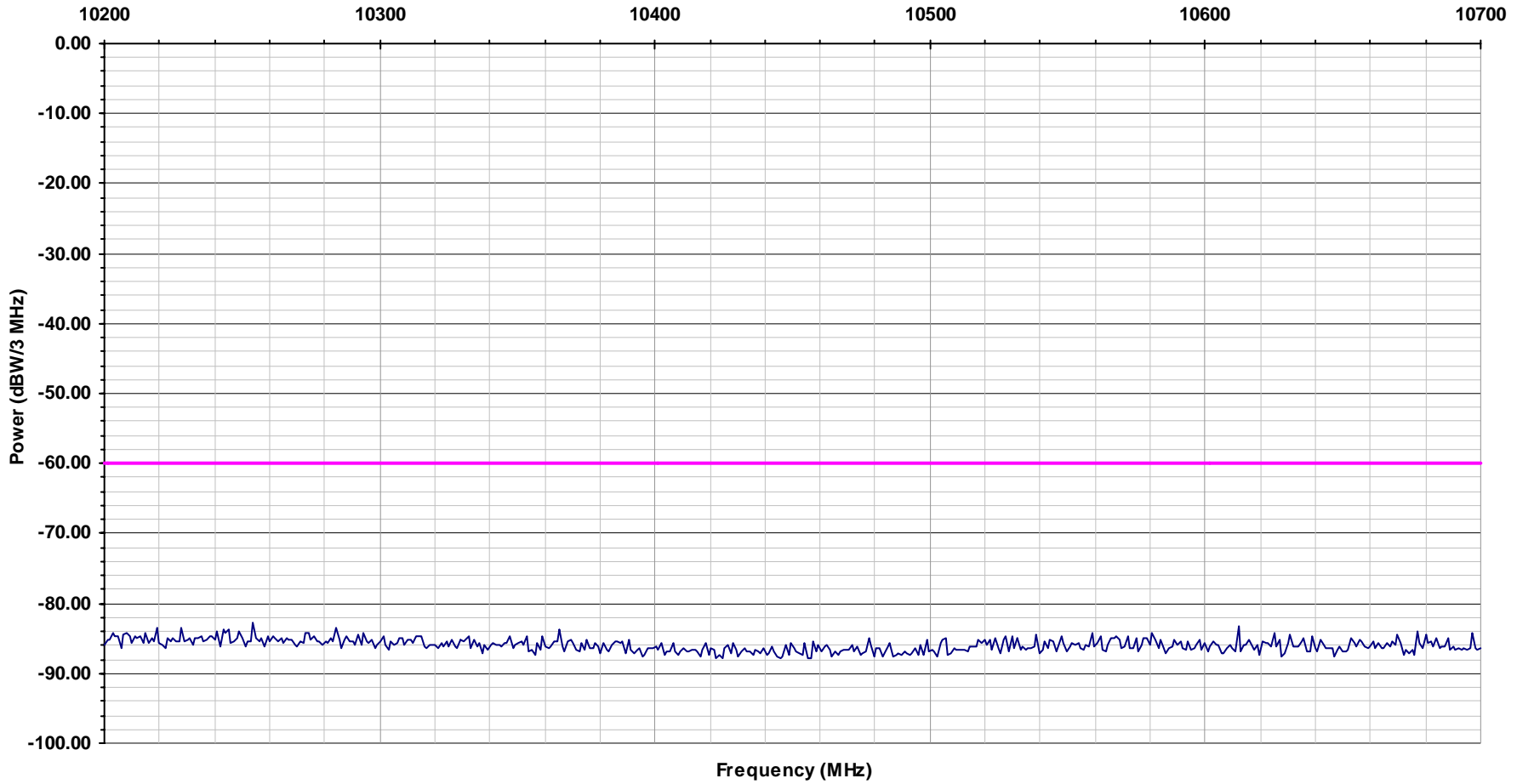
Min: -87.32 dBW @9386.3727 MHz **Ave:** -85.305 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 10200.00MHz to 10700.00MHz

74



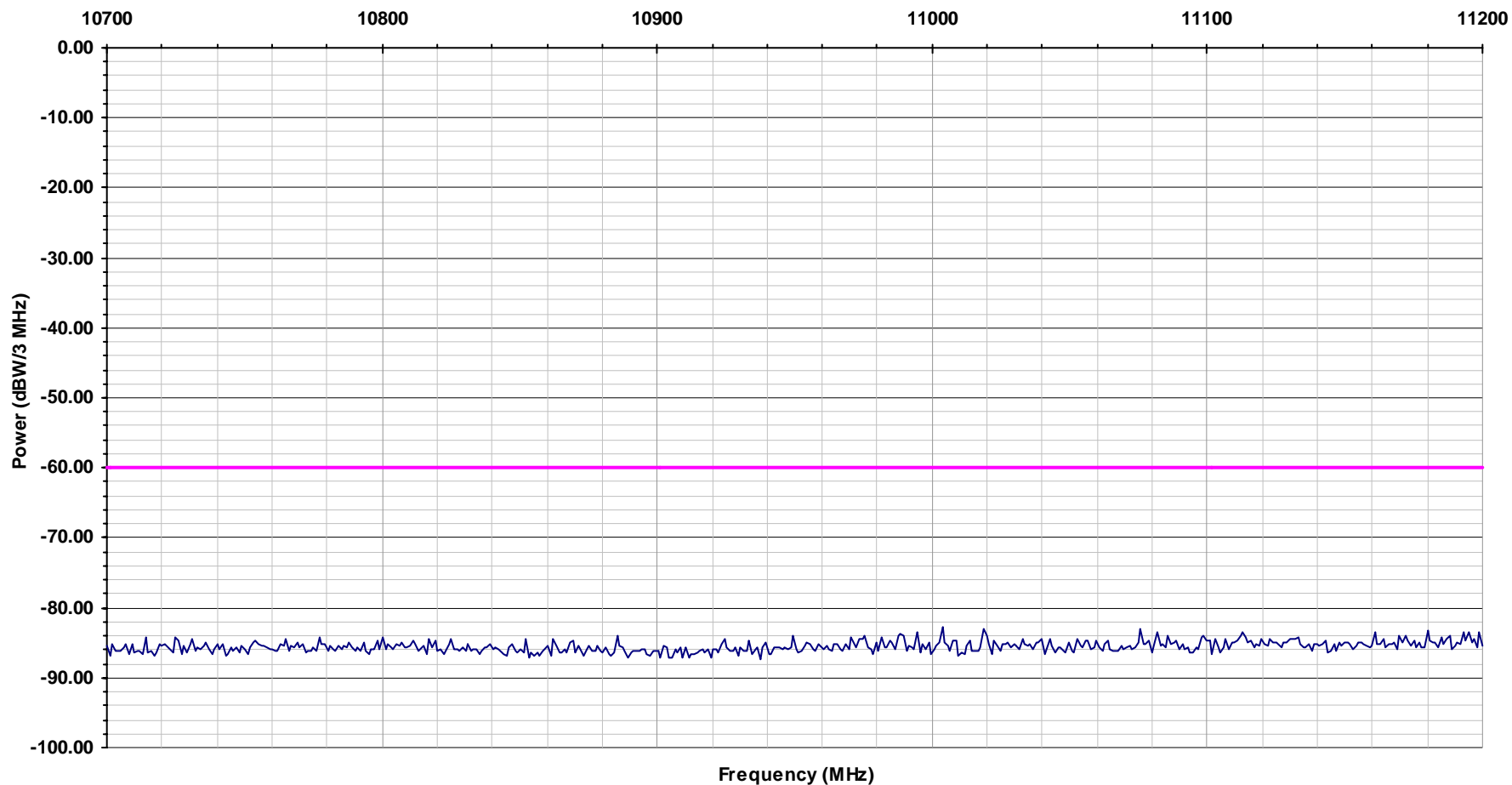
Max: -82.85 dBW @10254.1082 MHz
Min: -87.97 dBW @10445.491 MHz **Ave:** -85.9582 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 10700.00MHz to 11200.00MHz

75



Max: -82.73 dBW @11003.6072 MHz

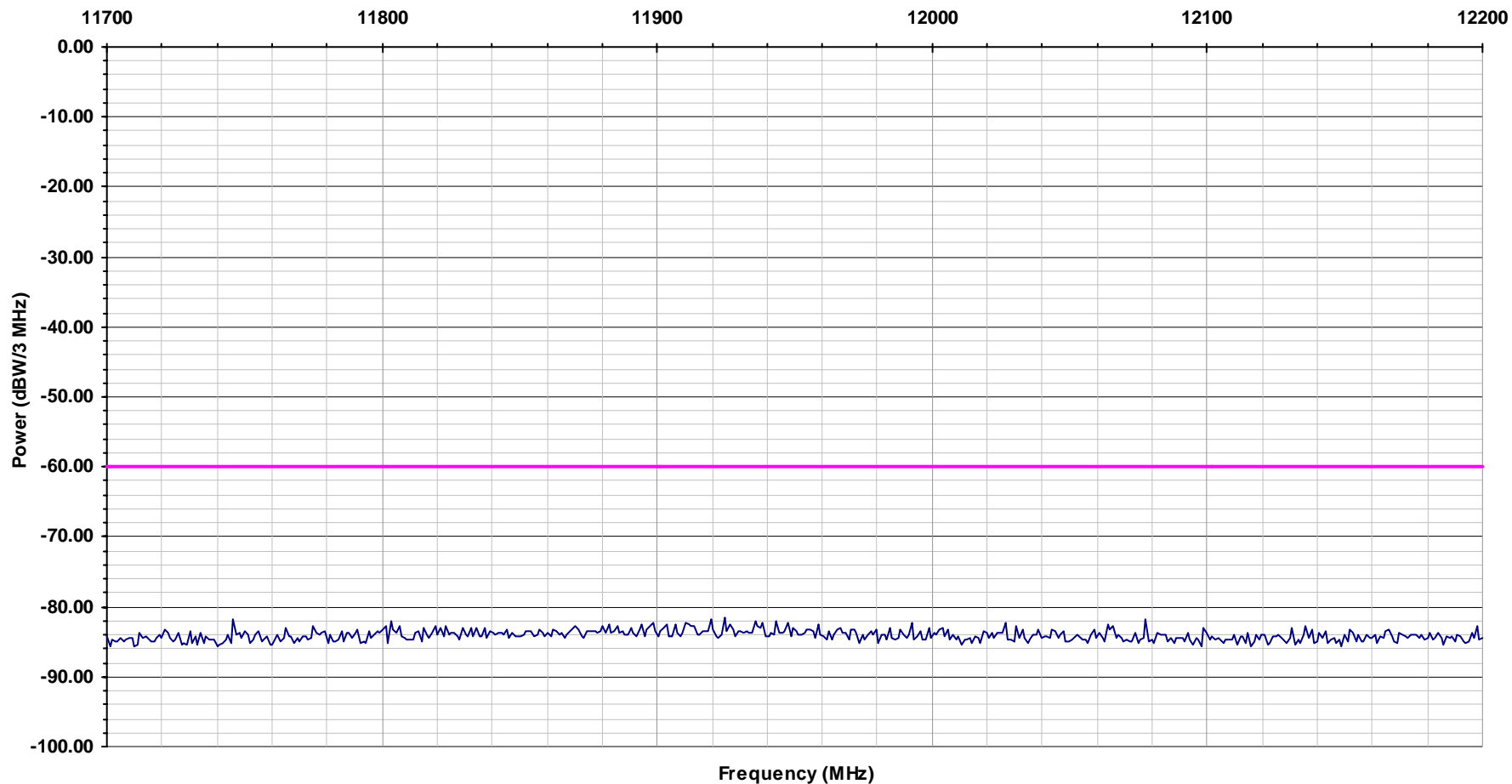
Min: -87.31 dBW @10937.4749 MHz Ave: -85.5543 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 11700.00MHz to 12200.00MHz

77



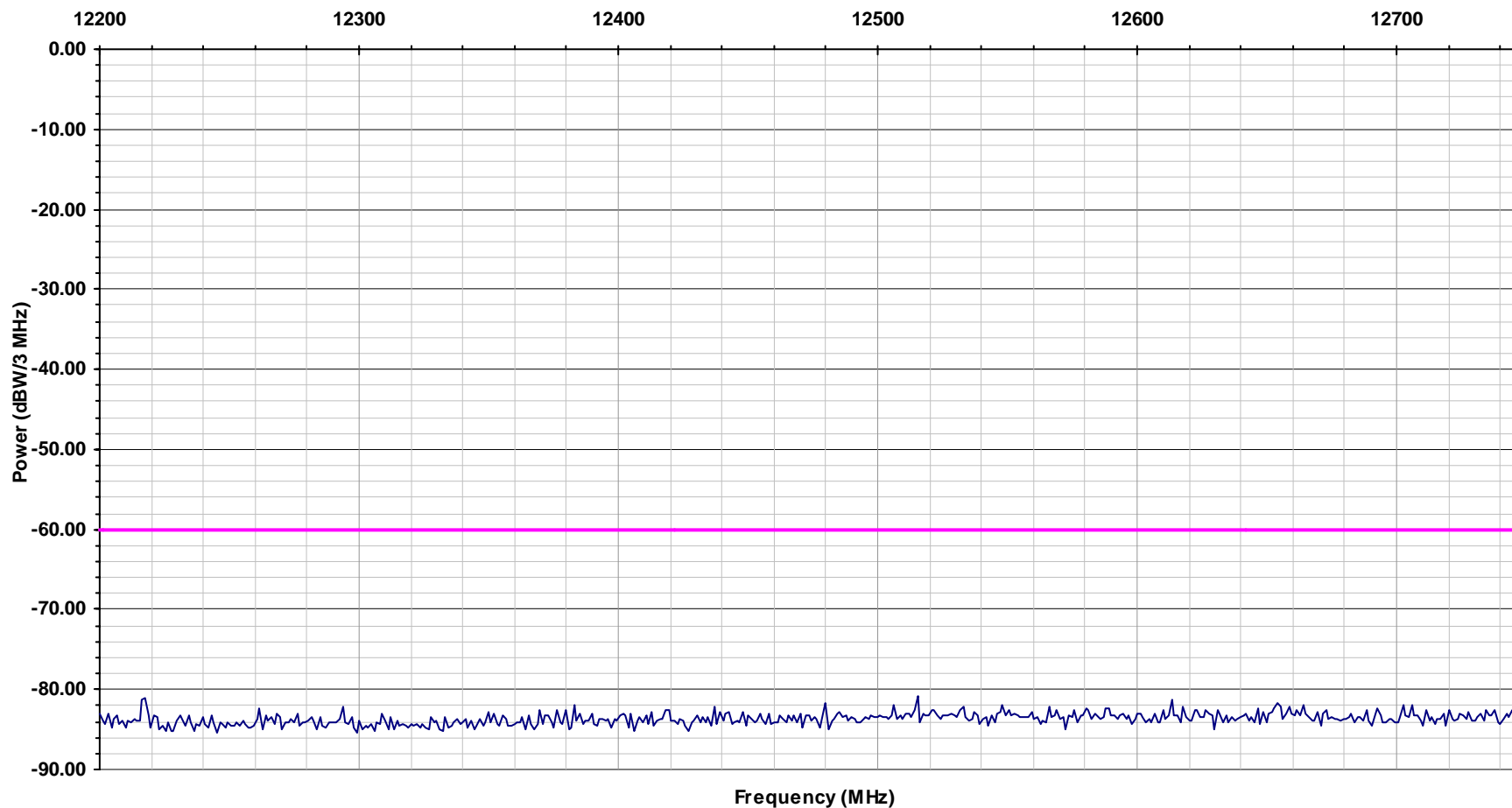
Max: -81.57 dBW @11924.4489 MHz
Min: -85.78 dBW @12097.7956 MHz **Ave:** -84.0879 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 12200.00MHz to 12750.00MHz

78



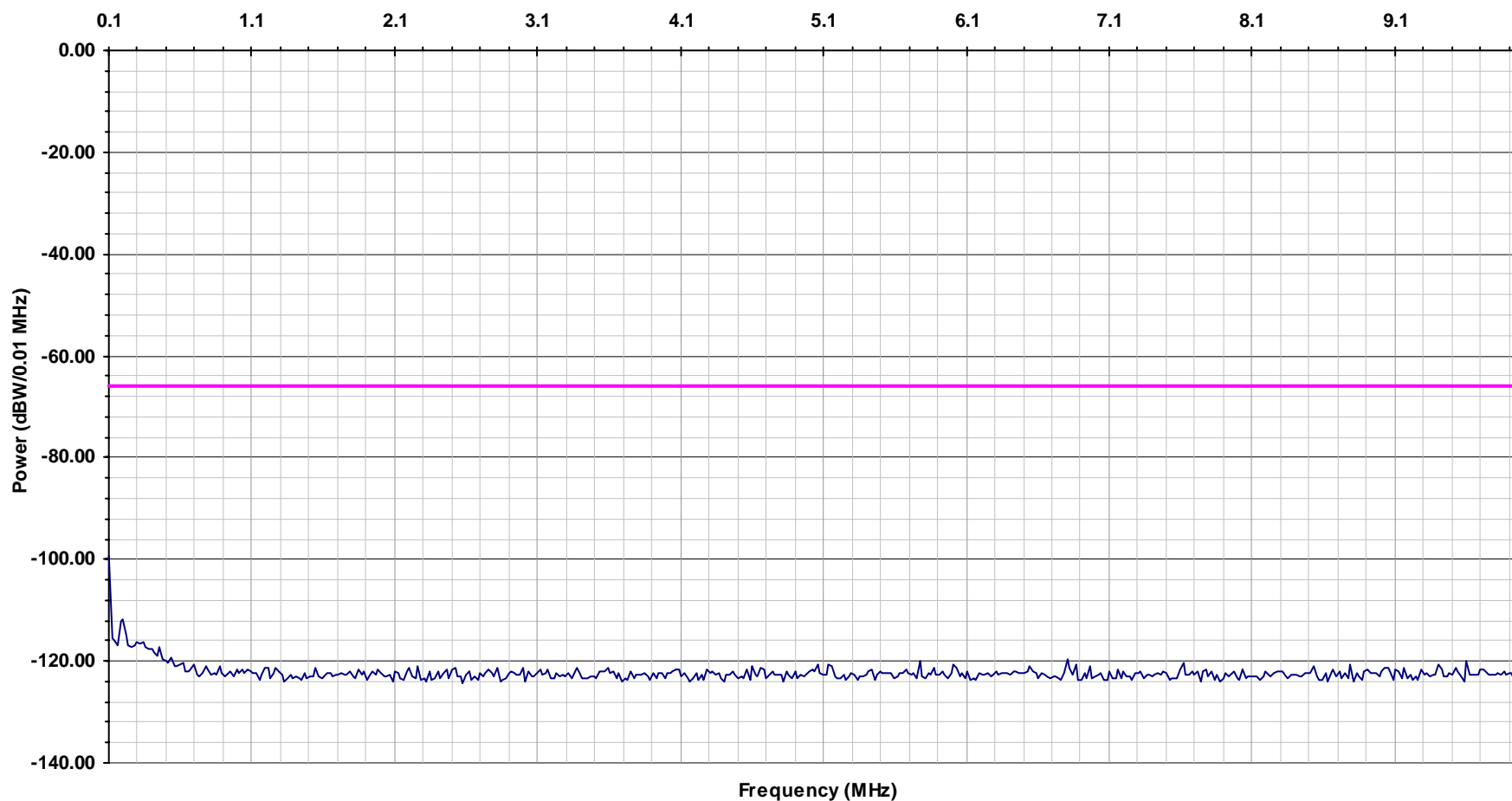
Max: -80.75 dBW @12515.2305 MHz
Min: -85.48 dBW @12245.1904 MHz **Ave:** -83.6475 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 0.10MHz to 10.00MHz

142



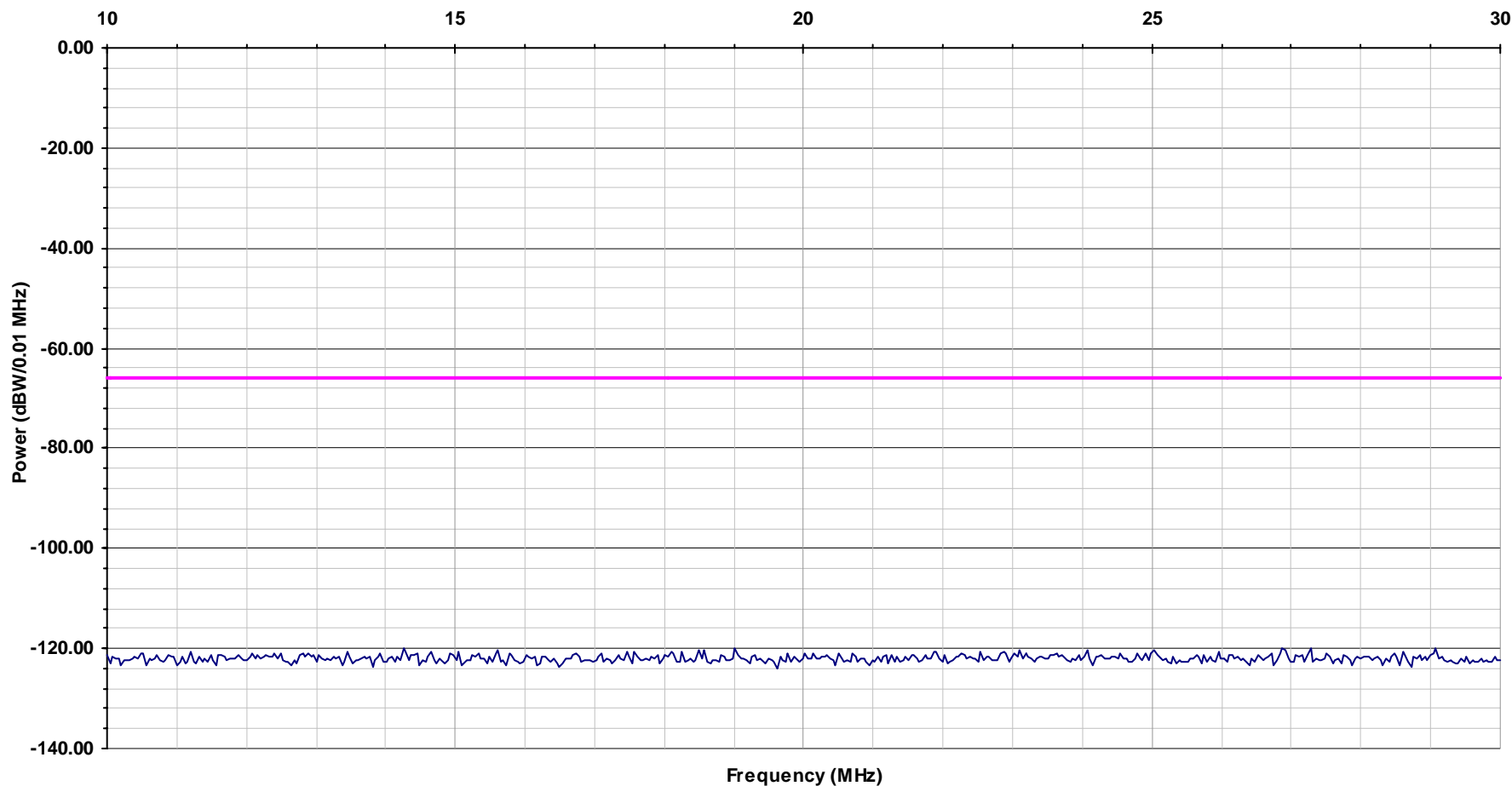
Max: -99.18 dBW @0.1 MHz
Min: -124.44 dBW @2.58 MHz **Ave:** -122.2697 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 10.00MHz to 30.00MHz

143



Max: -119.88 dBW @29.0782 MHz

Min: -123.87 dBW @19.6192 MHz

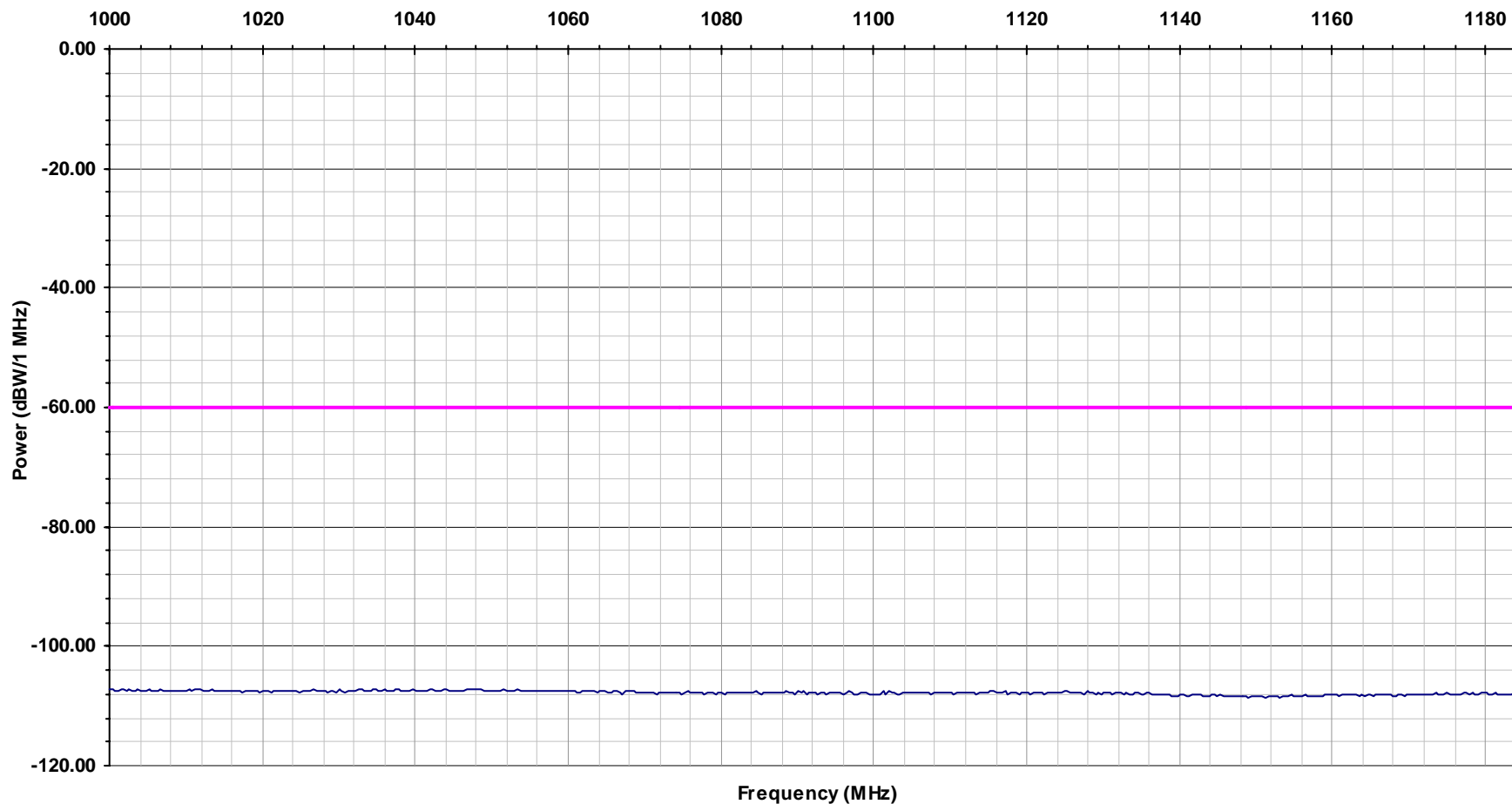
Ave: -121.984 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1000.00MHz to 1185.00MHz

145



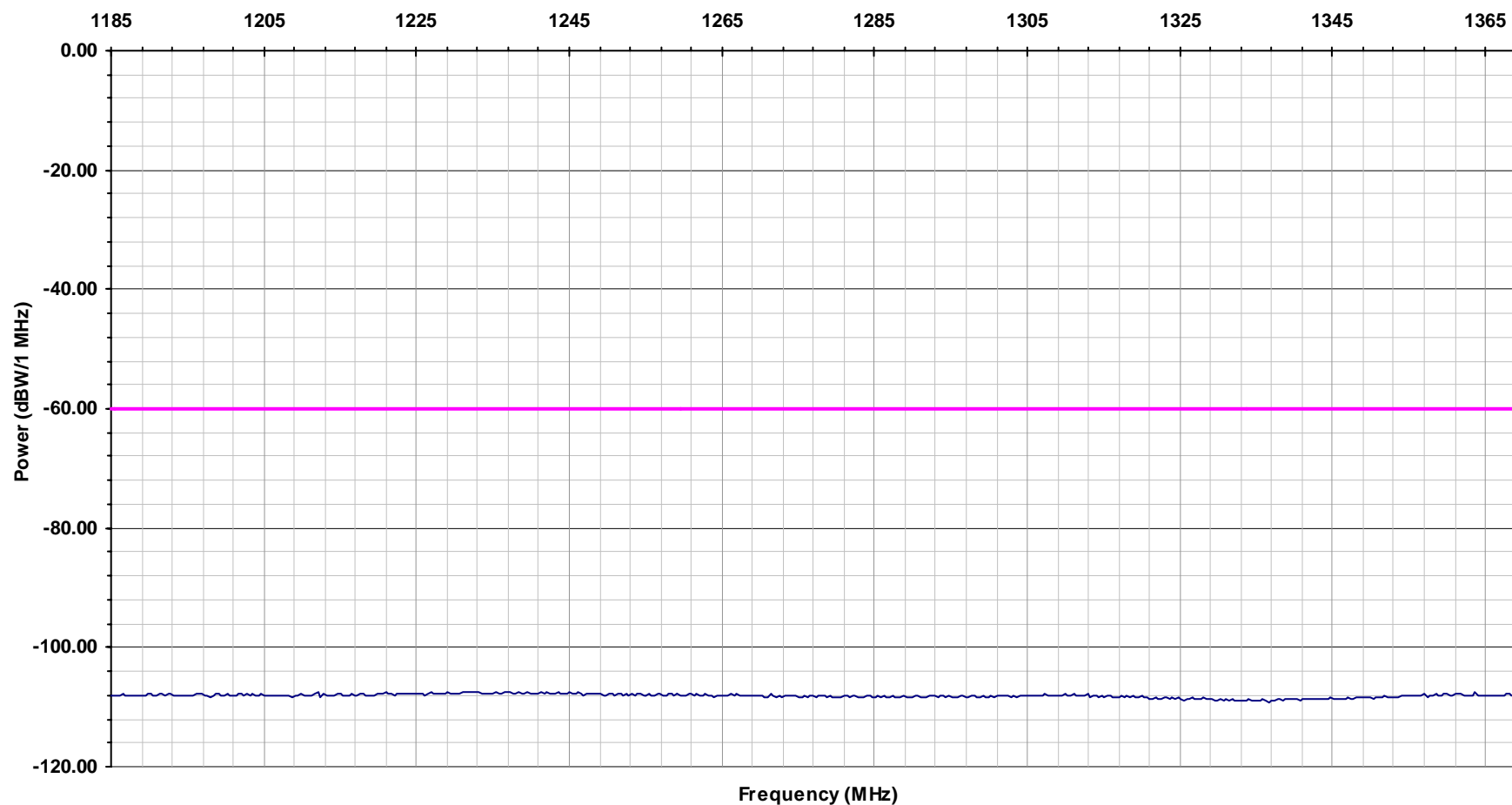
Max: -107.1 dBW @1053.3868 MHz
Min: -108.56 dBW @1149.0381 MHz **Ave:** -107.7625 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1185.00MHz to 1370.00MHz

146

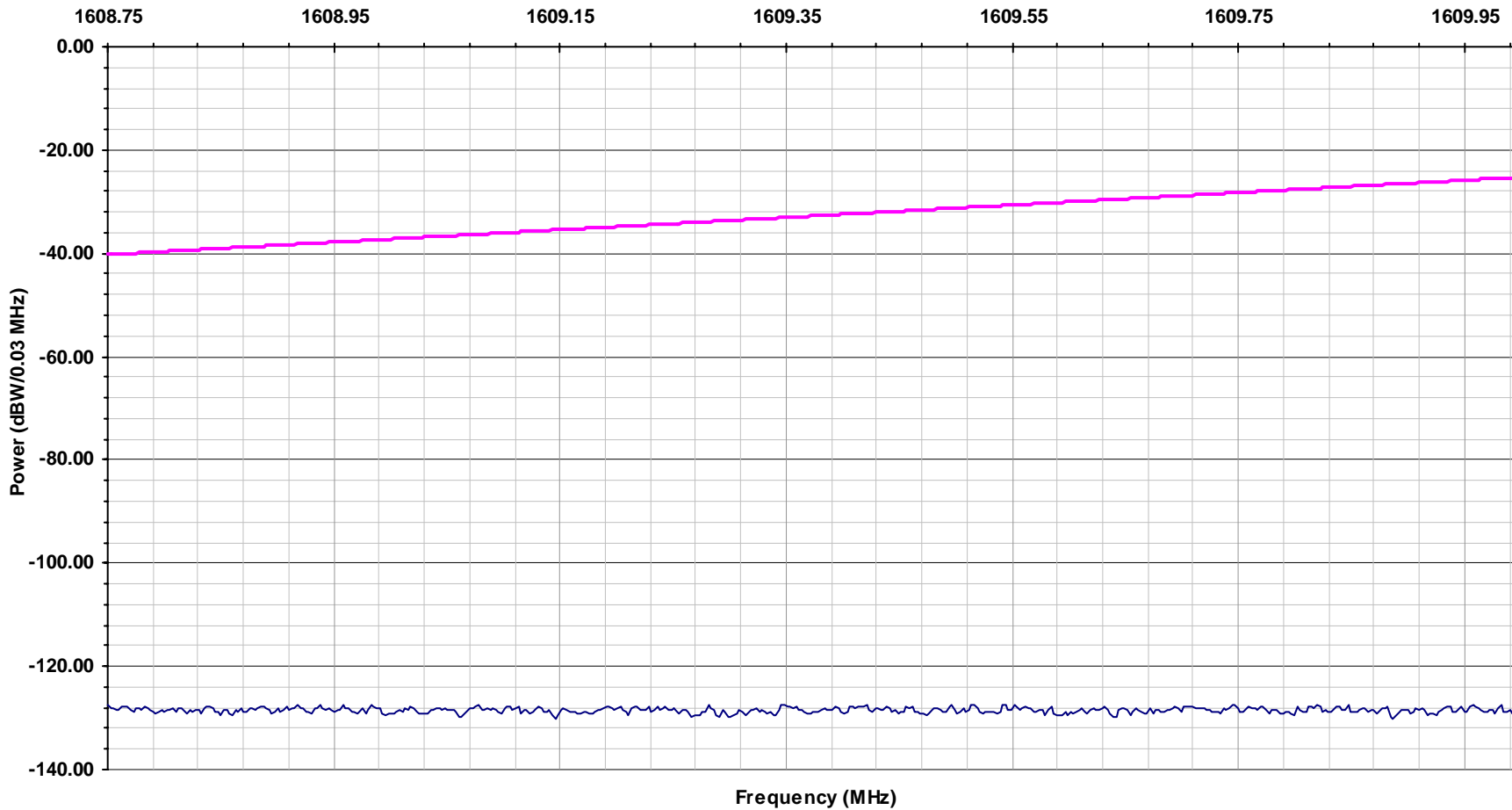


PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1608.75MHz to 1610.00MHz

151



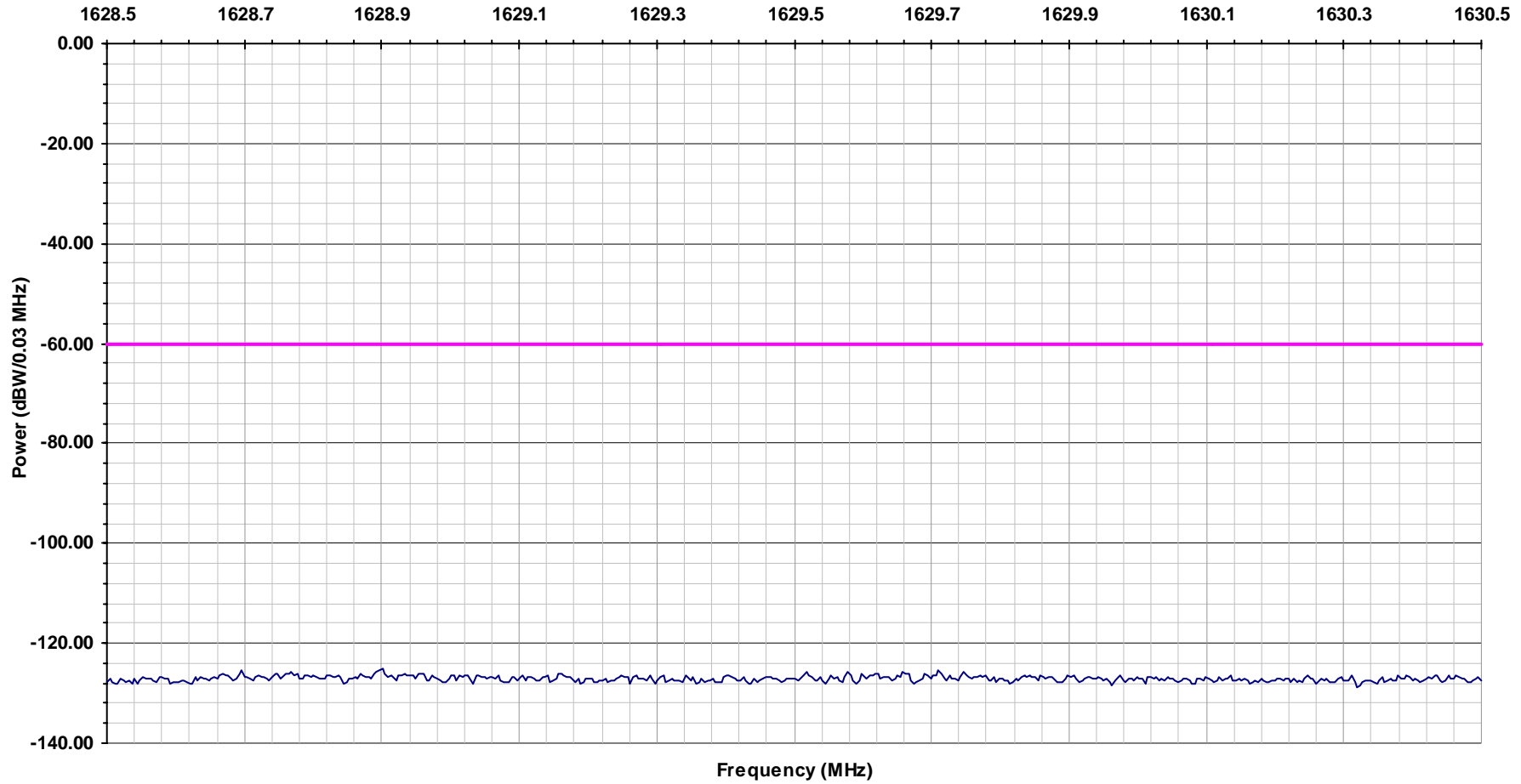
Max: -127.26 dBW @1608.983 MHz
Min: -130.1 dBW @1609.8873 MHz Ave: -128.4791 dB

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1628.50MHz to 1630.50MHz

152



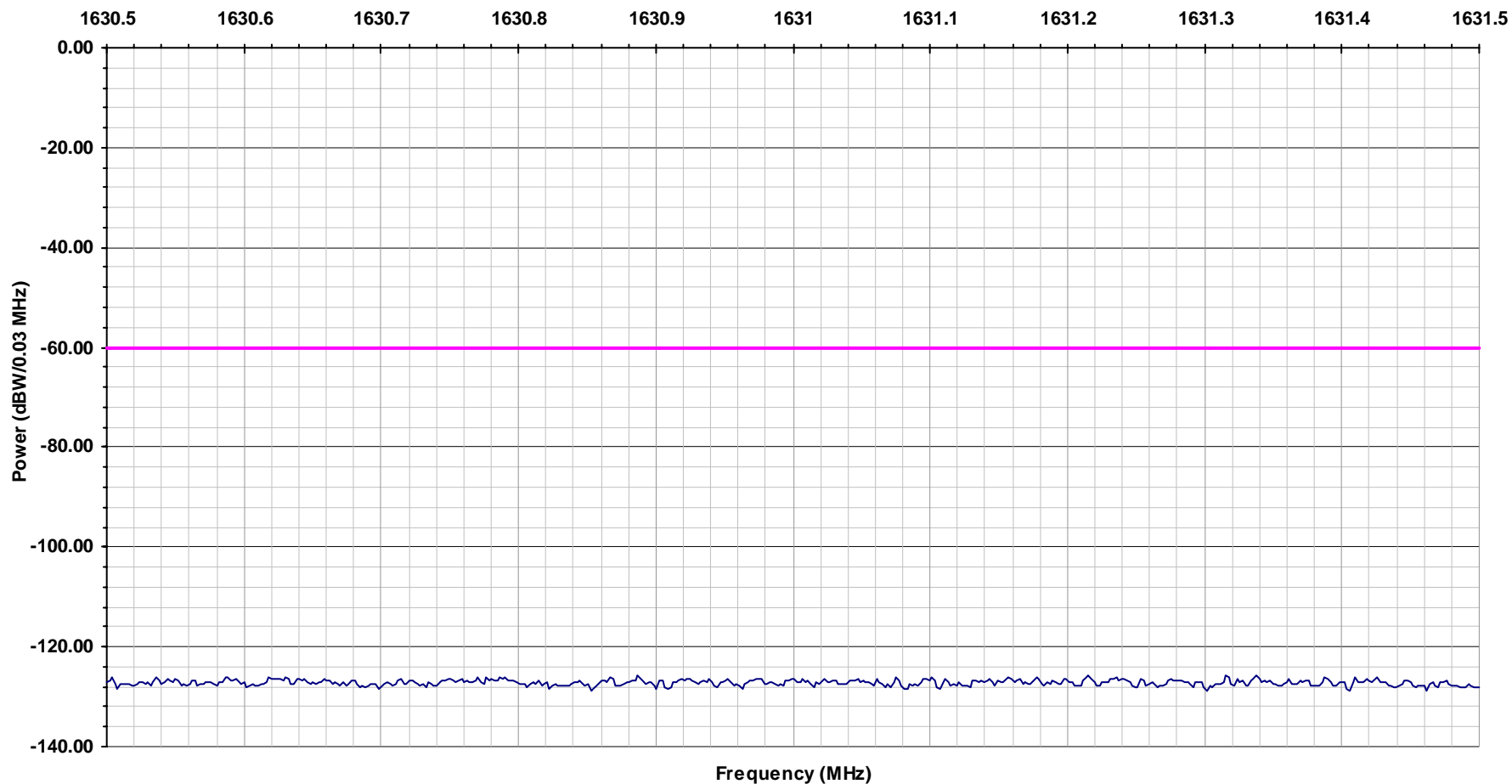
Max: -125.13 dBW @1628.9008 MHz
Min: -128.72 dBW @1630.3196 MHz **Ave:** -127.0696 dB

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1630.50MHz to 1631.50MHz

153



Max: -125.66 dBW @1631.3377 MHz

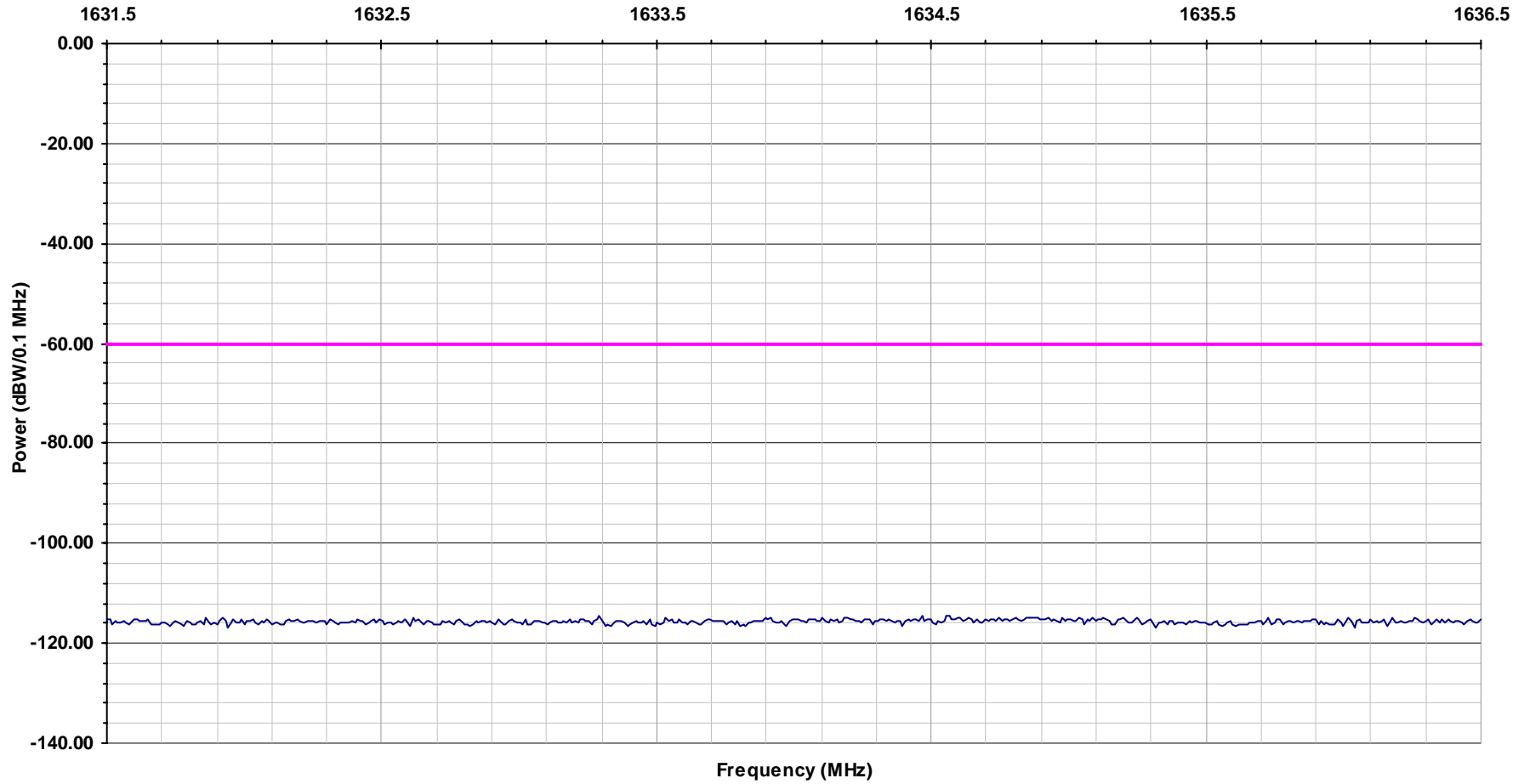
Min: -128.8 dBW @1631.3016 MHz Ave: -127.1725 dB

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1631.50MHz to 1636.50MHz

154



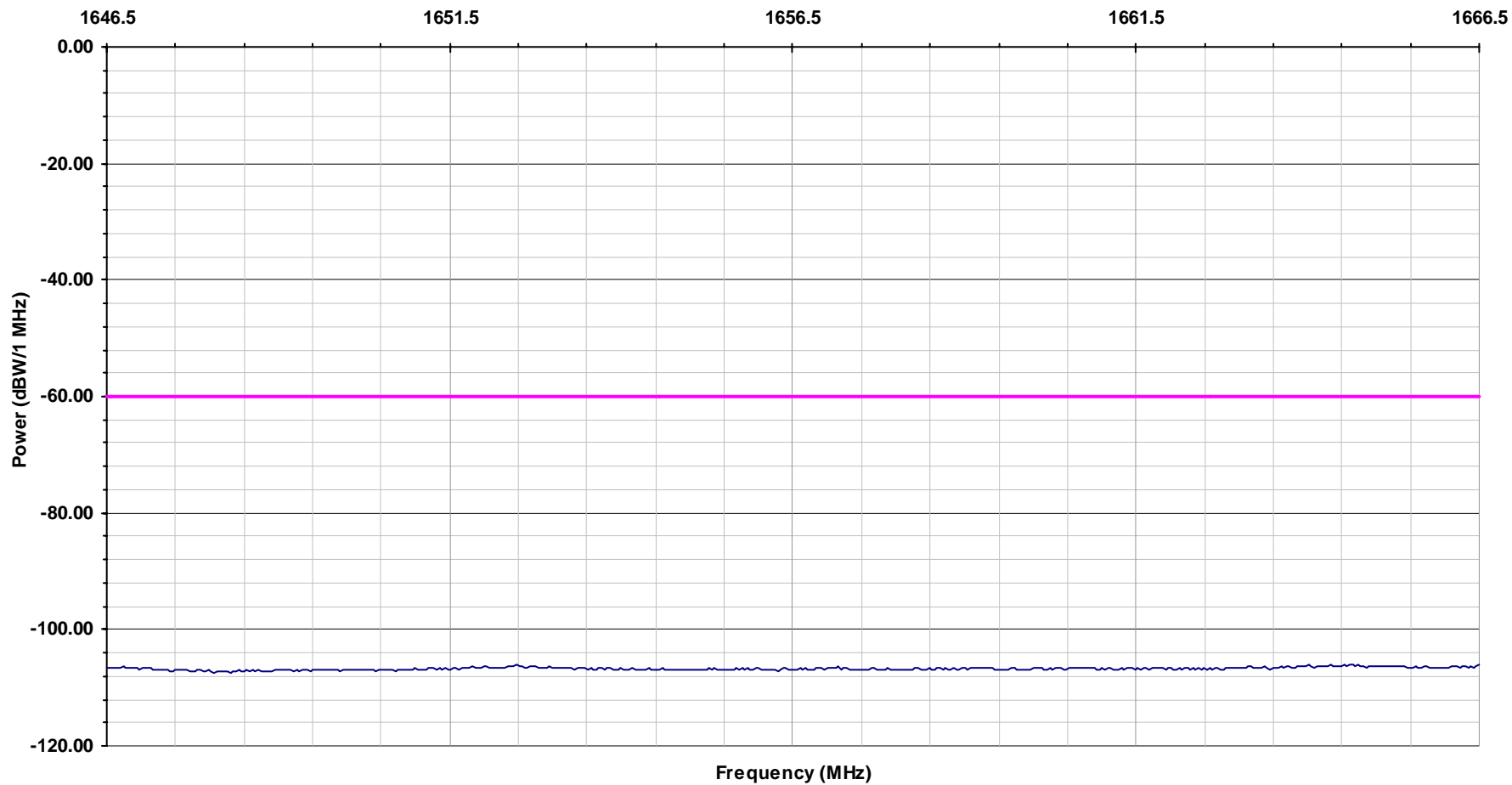
Max: -114.49 dBW @ 1634.5561 MHz
Min: -116.83 dBW @ 1635.3176 MHz **Ave:** -115.6593 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1646.50MHz to 1666.50MHz

156



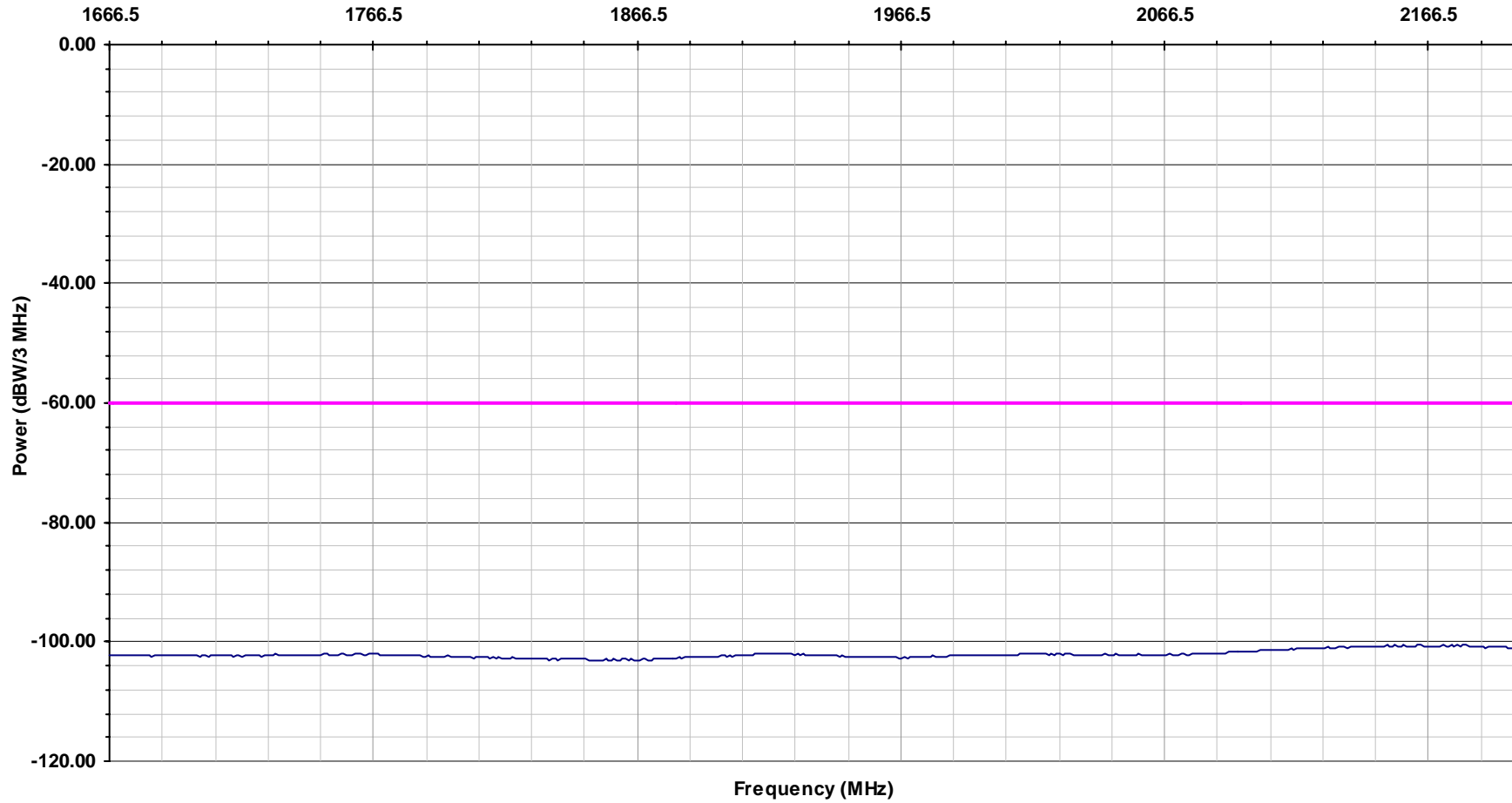
Max: -106.03 dBW @1652.4719 MHz
Min: -107.4 dBW @1648.3036 MHz **Ave:** -106.7228 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 1666.50MHz to 2200.00MHz

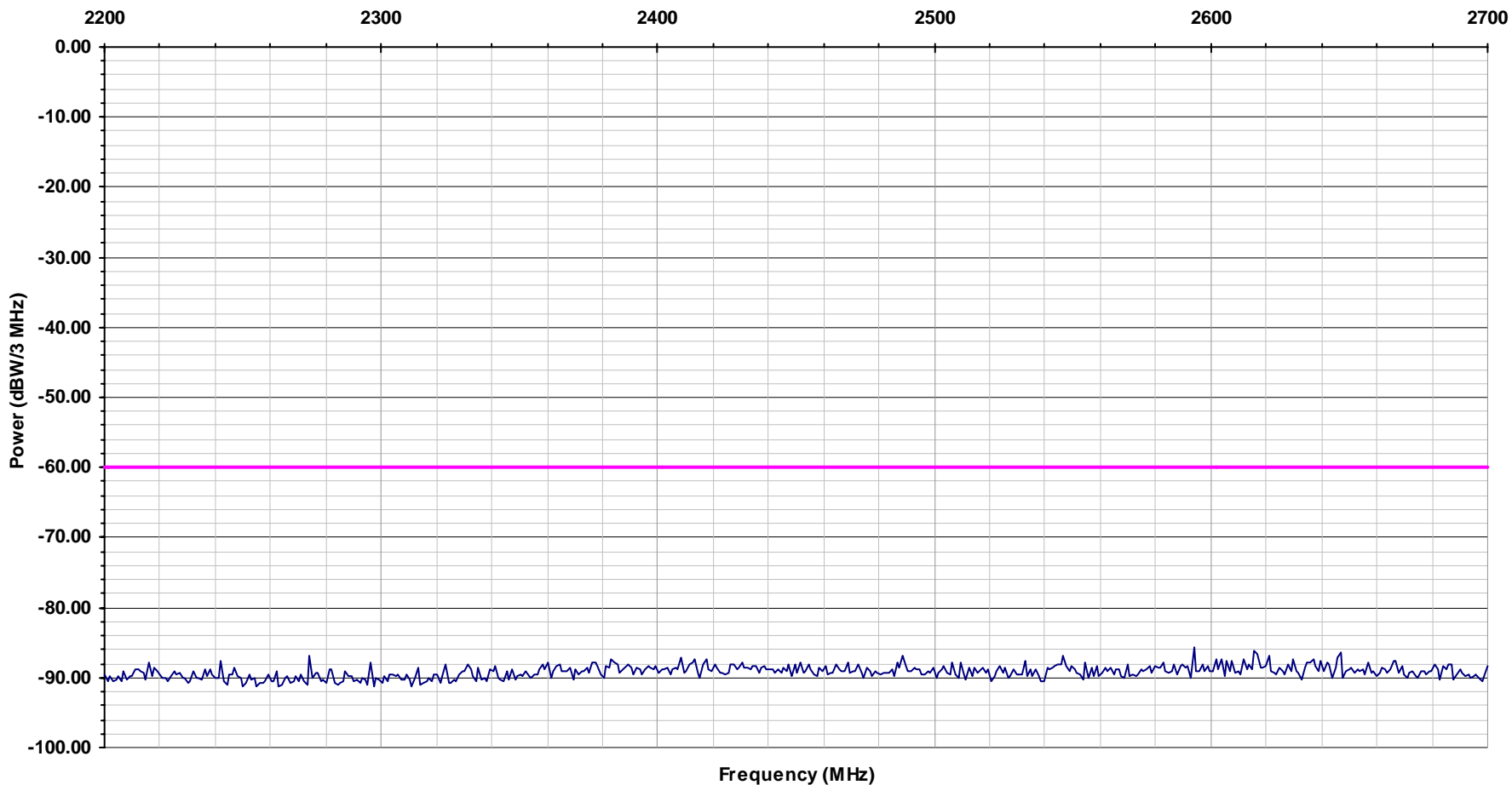
157



Max: -100.46 dBW @2175.4098 MHz
Min: -103.09 dBW @1850.3918 MHz **Ave:** -102.0682 dB

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 2200.00MHz to 2700.00MHz

158



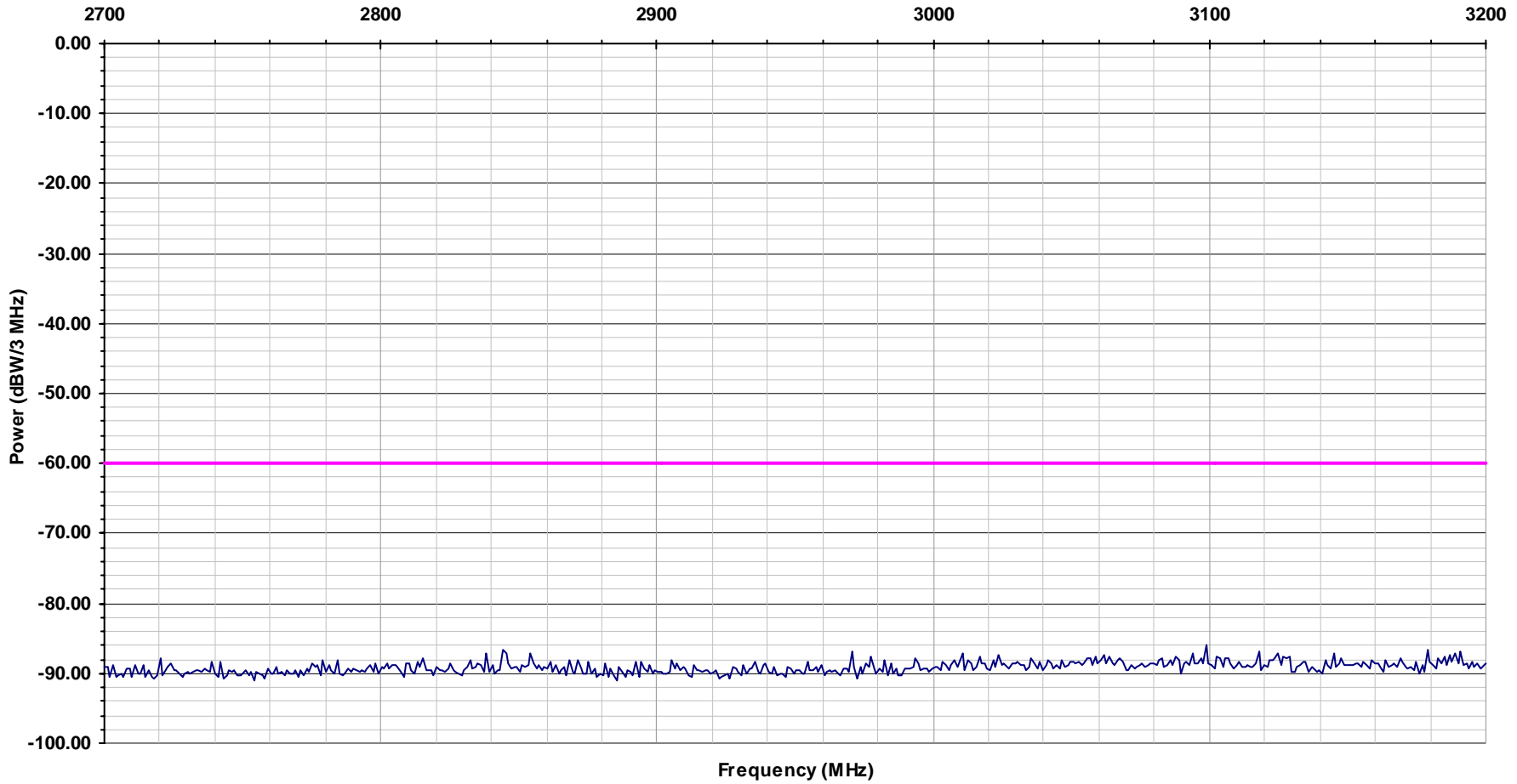
Max: -85.65 dBW @2593.7876 MHz
Min: -91.34 dBW @2263.1263 MHz **Ave:** -89.1924 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 2700.00MHz to 3200.00MHz

159



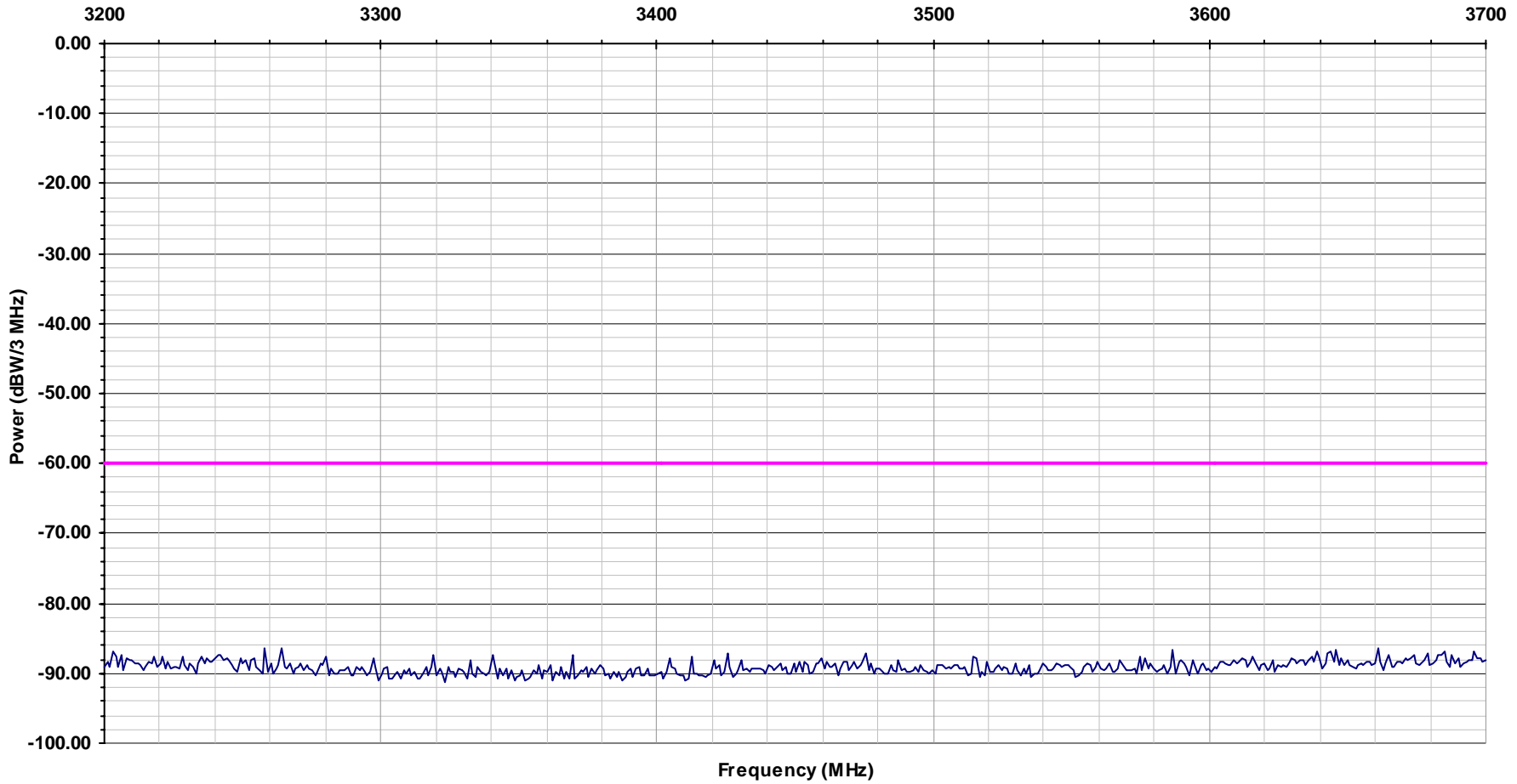
Max: -86.02 dBW @3098.7976 MHz
Min: -91.12 dBW @2754.1082 MHz **Ave:** -89.1582 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 3200.00MHz to 3700.00MHz

160



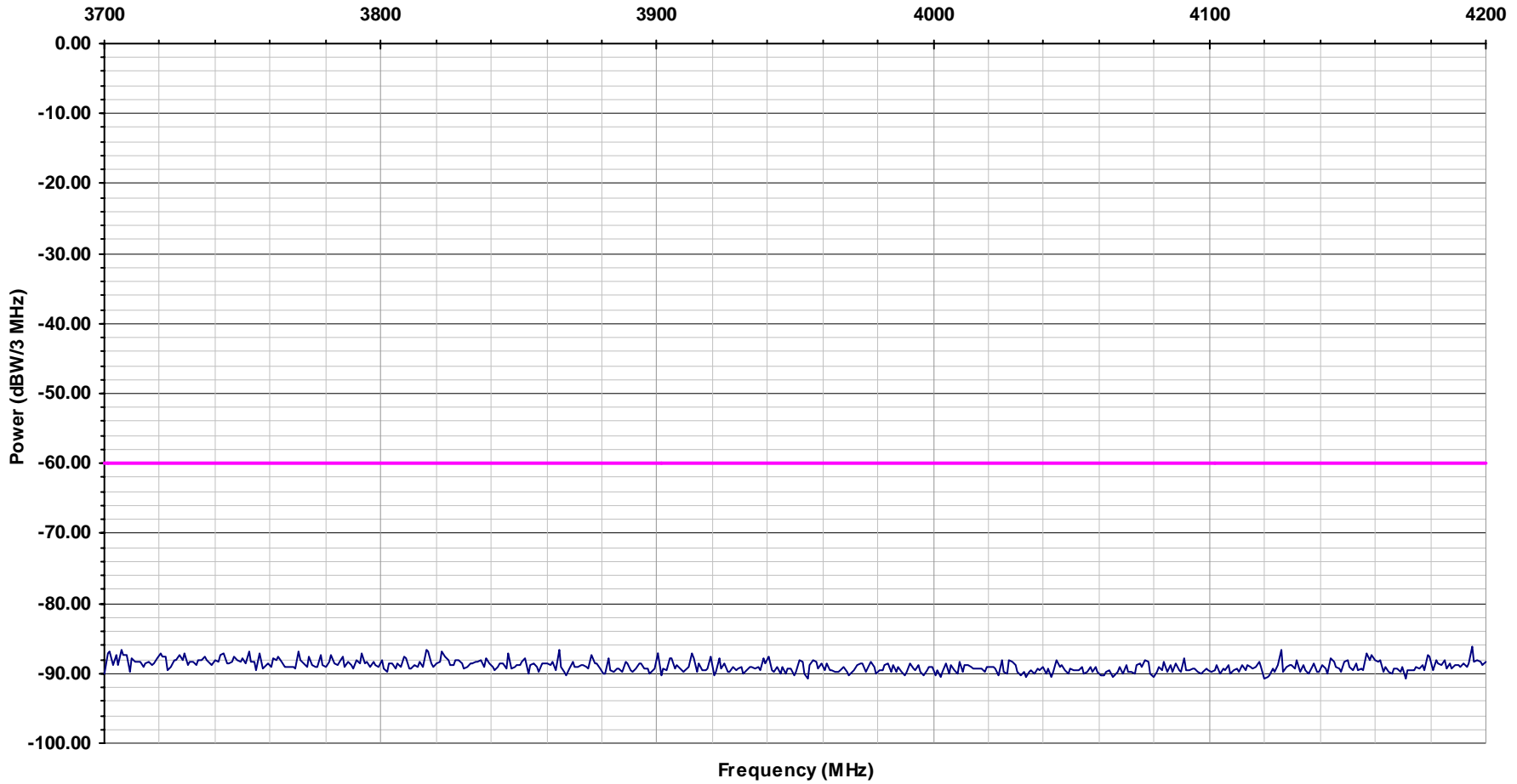
Max: -86.31 dBW @3258.1162 MHz
Min: -91.24 dBW @3323.2465 MHz **Ave:** -89.144 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 3700.00MHz to 4200.00MHz

161



Max: -86.09 dBW @4194.99 MHz

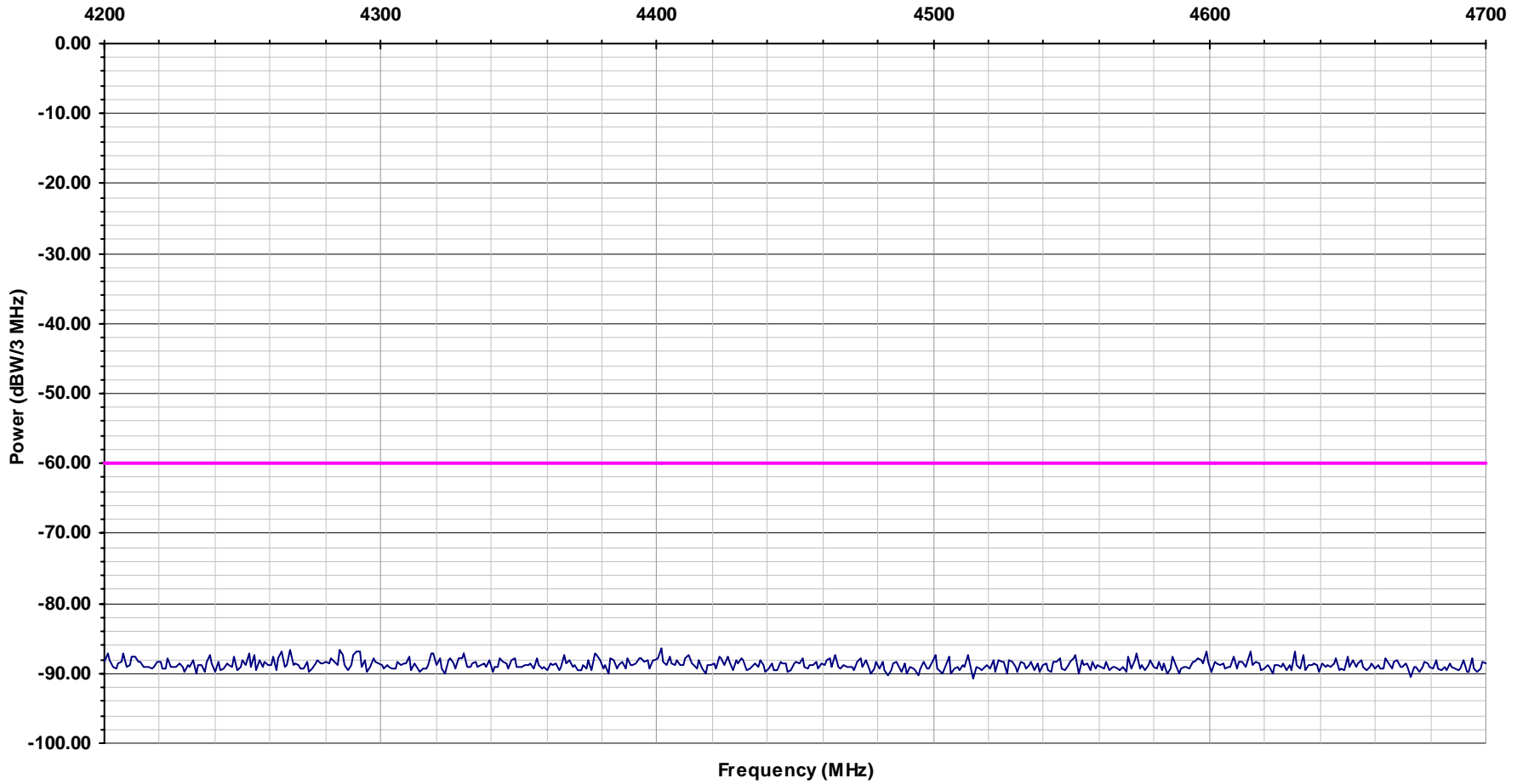
Min: -90.89 dBW @3954.509 MHz **Ave:** -88.9814 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 4200.00MHz to 4700.00MHz

162



Max: -86.52 dBW @ 4401.4028 MHz

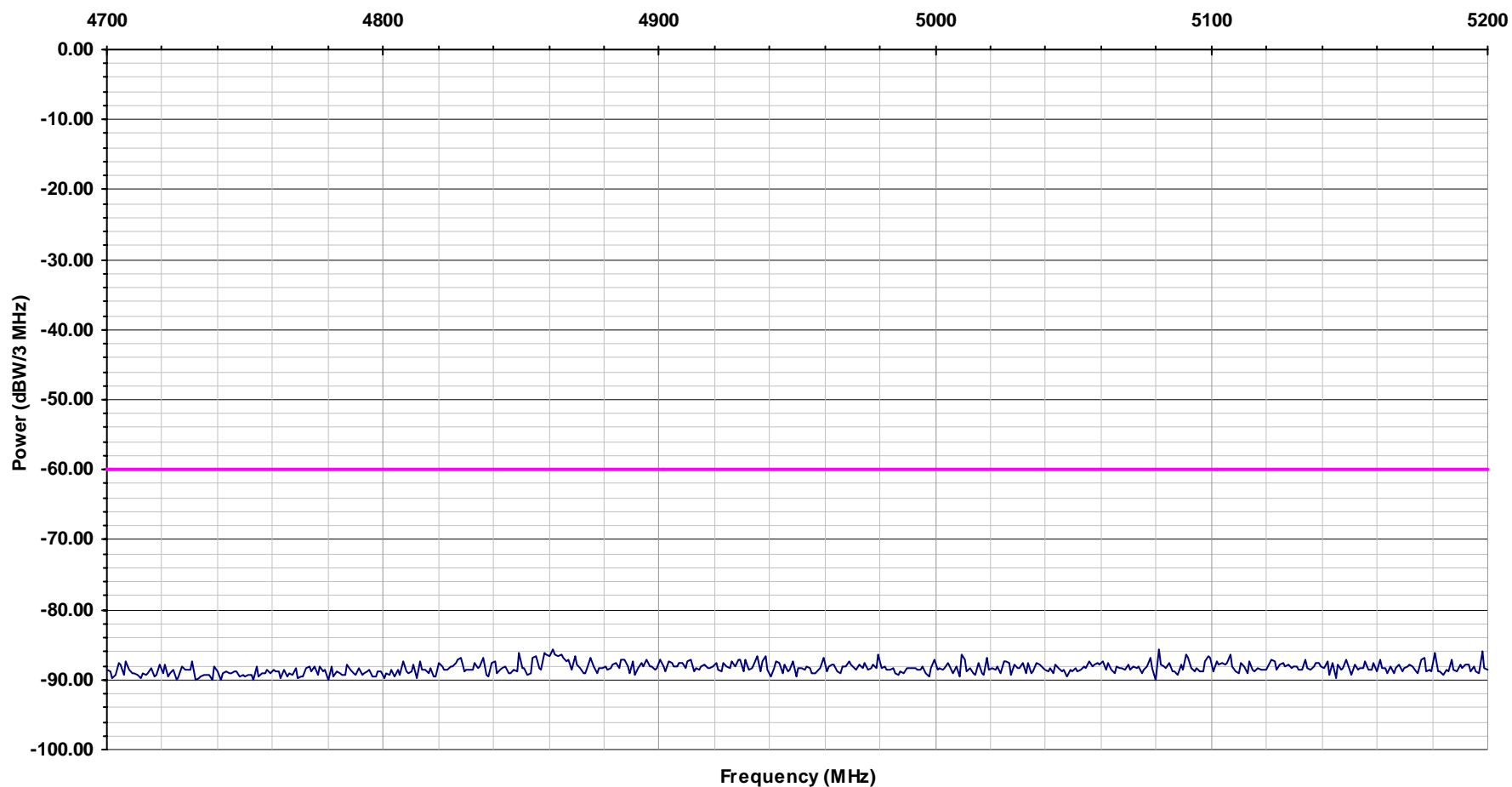
Min: -90.66 dBW @ 4514.6293 MHz Ave: -88.7753 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 4700.00MHz to 5200.00MHz

163



Max: -85.57 dBW @5080.7615 MHz

Min: -90.07 dBW @4738.0762 MHz

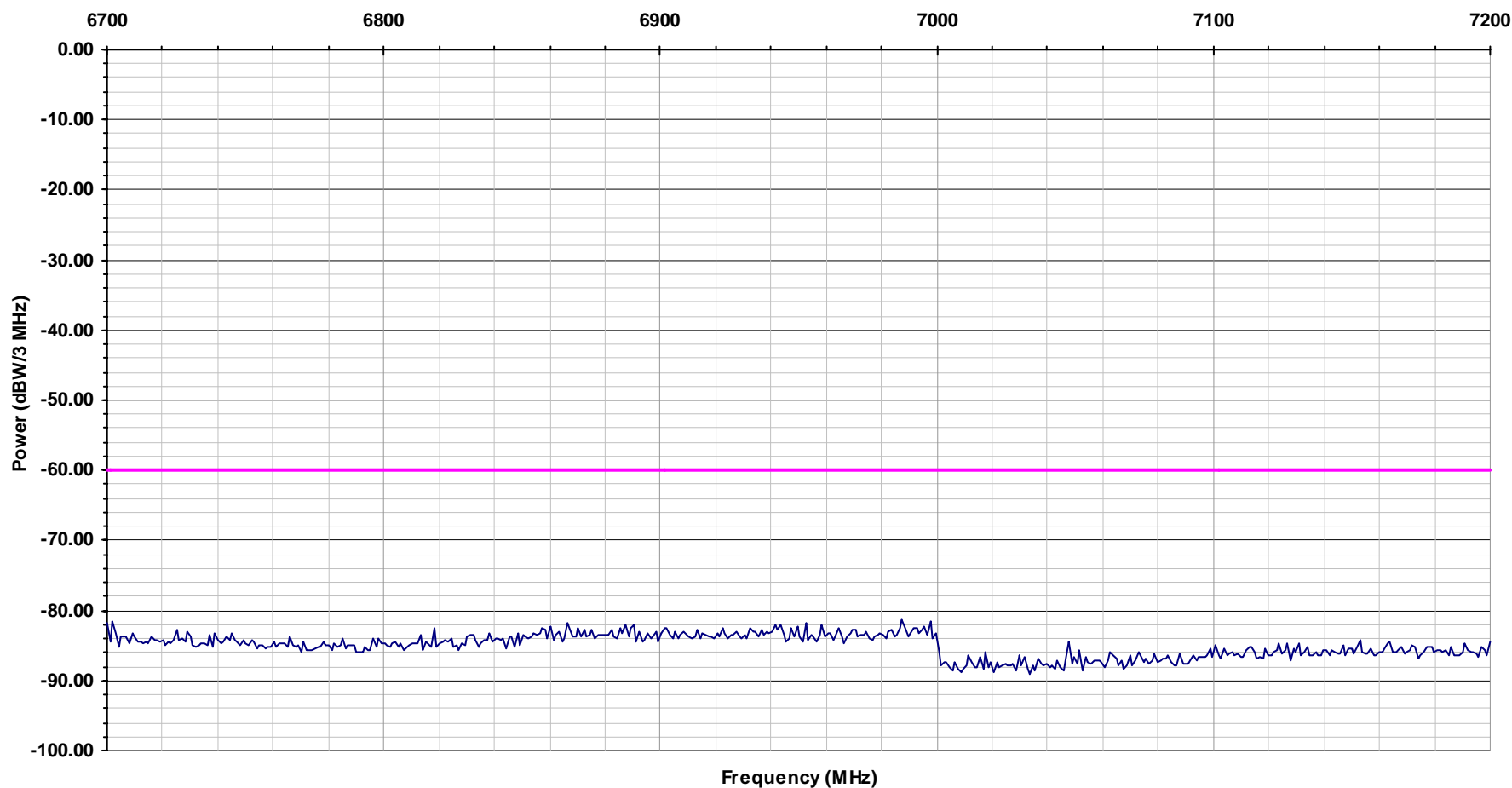
Ave: -88.3535 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 6700.00MHz to 7200.00MHz

167



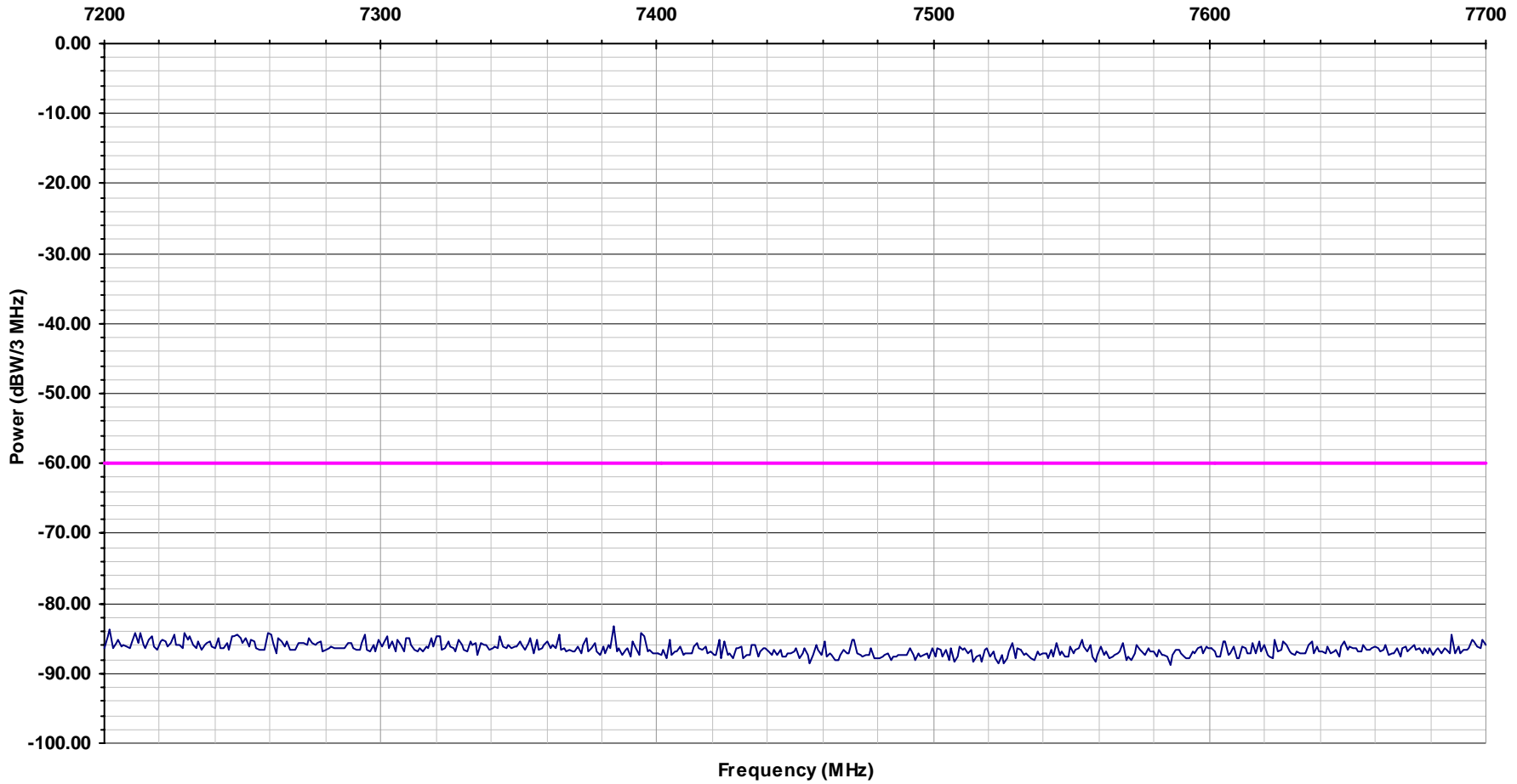
Max: -81.21 dBW @6987.5752 MHz
 Min: -89.09 dBW @7033.6673 MHz Ave: -85.0126 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 7200.00MHz to 7700.00MHz

168



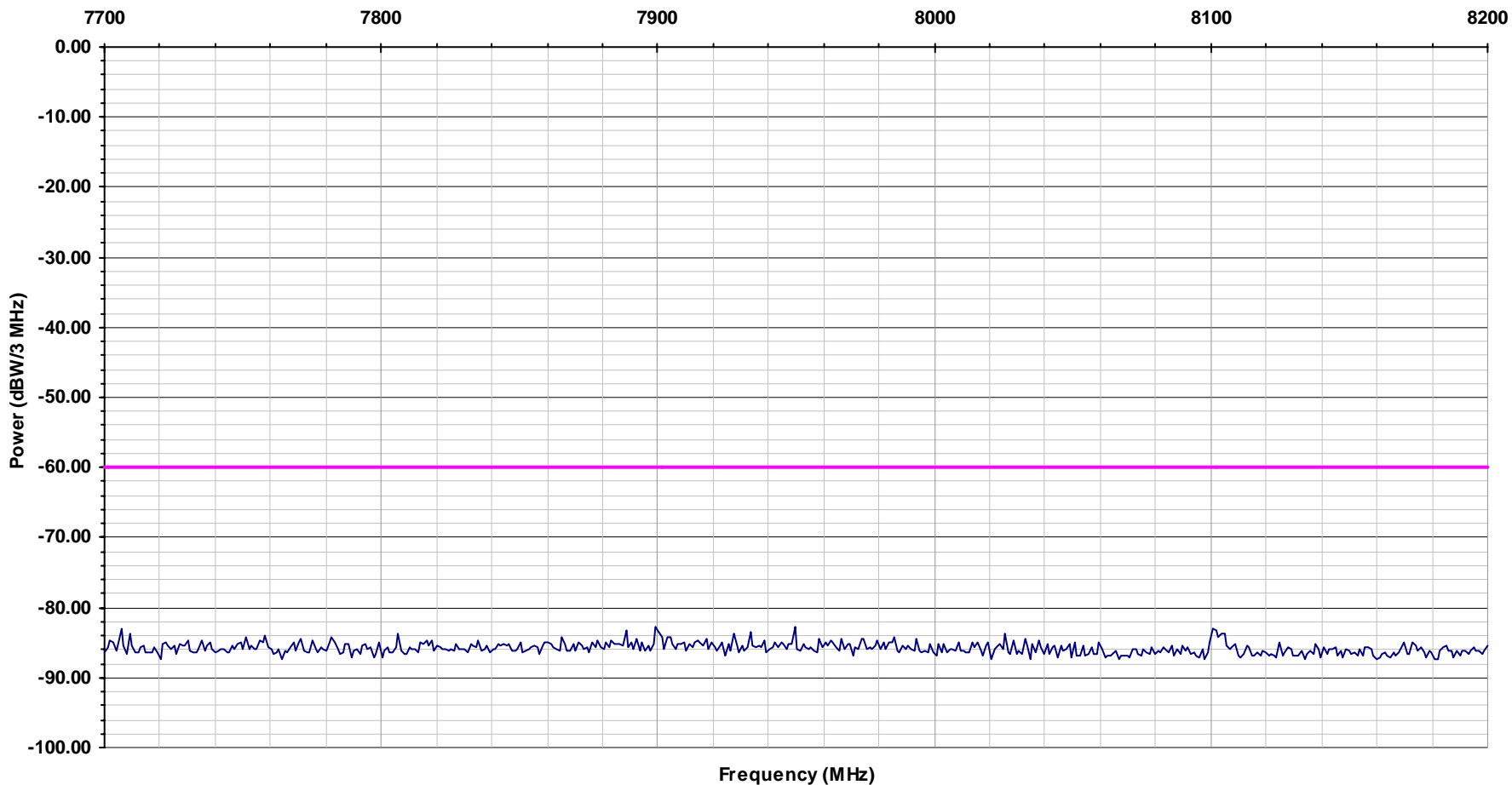
Max: -83.28 dBW @ 7384.3687 MHz
Min: -88.87 dBW @ 7585.7715 MHz **Ave:** -86.5371 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 7700.00MHz to 8200.00MHz

169



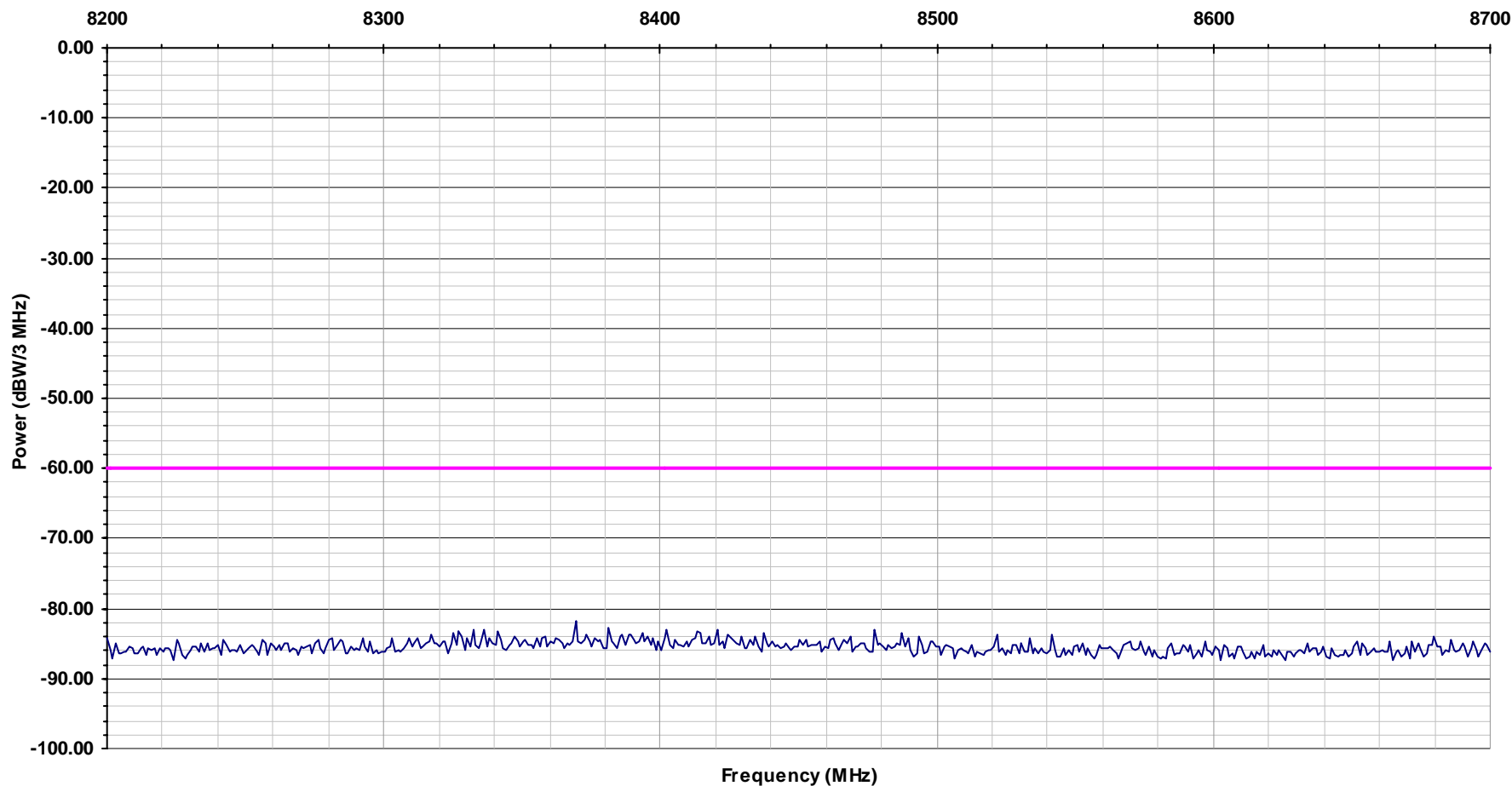
Max: -82.77 dBW @7899.3988 MHz
Min: -87.46 dBW @8097.7956 MHz **Ave:** -85.8045 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 8200.00MHz to 8700.00MHz

170



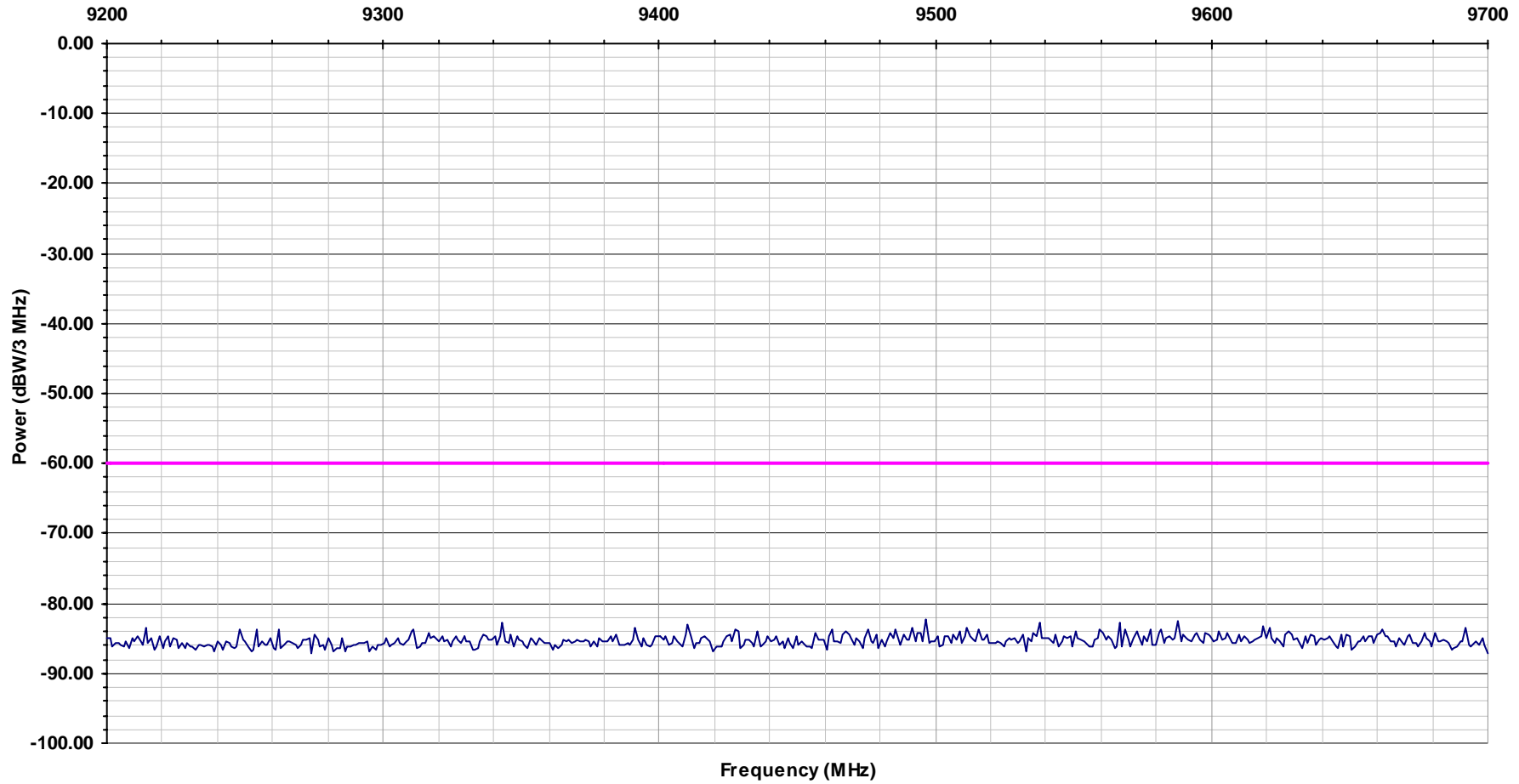
Max: -81.69 dBW @8369.3387 MHz
Min: -87.35 dBW @8224.0481 MHz **Ave:** -85.5073 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 9200.00MHz to 9700.00MHz

172



Max: -82.28 dBW @9496.5932 MHz

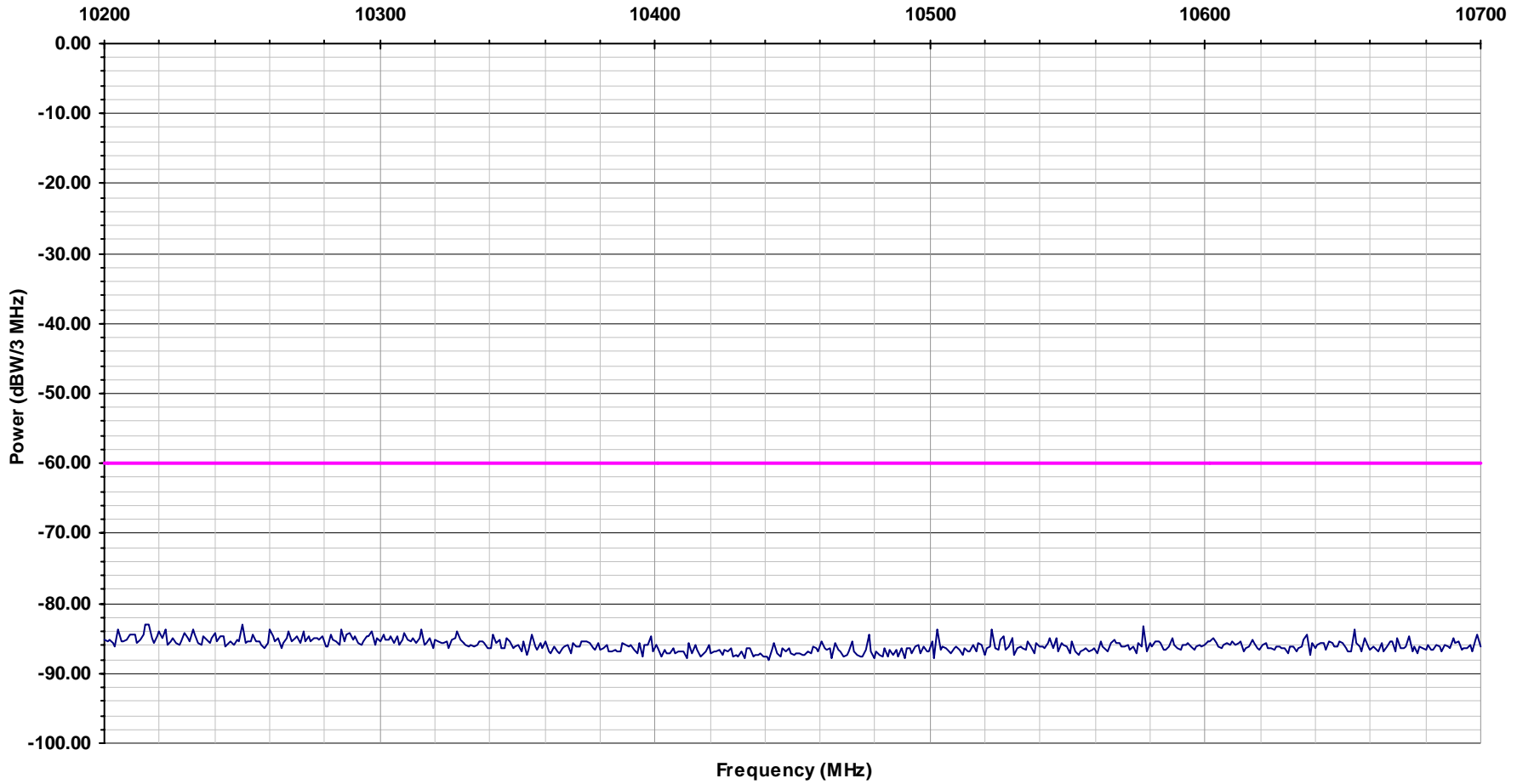
Min: -87.16 dBW @9274.1483 MHz Ave: -85.3332 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 10200.00MHz to 10700.00MHz

174



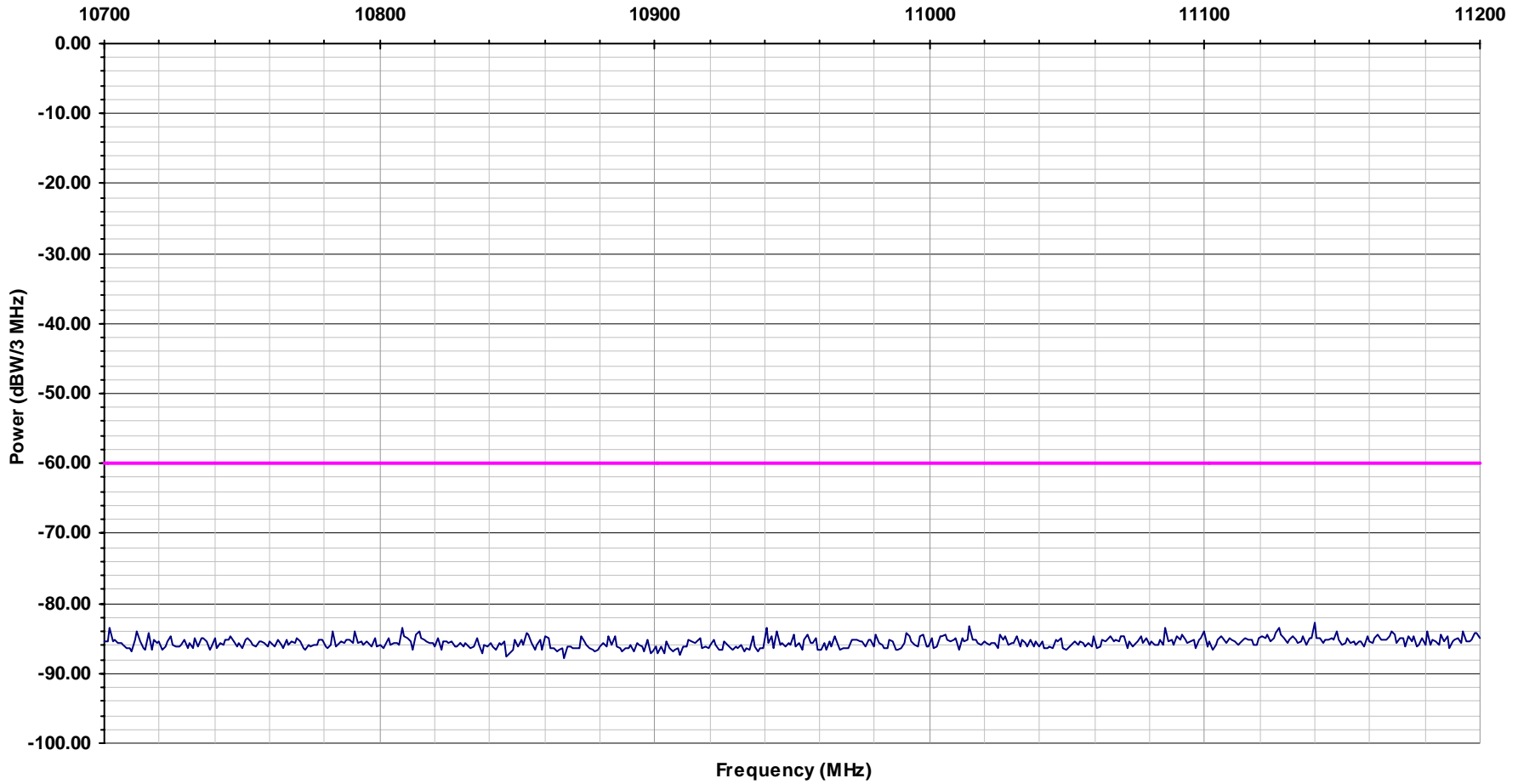
Max: -82.97 dBW @10216.0321 MHz
Min: -88.22 dBW @10441.483 MHz **Ave:** -86.0124 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 10700.00MHz to 11200.00MHz

175

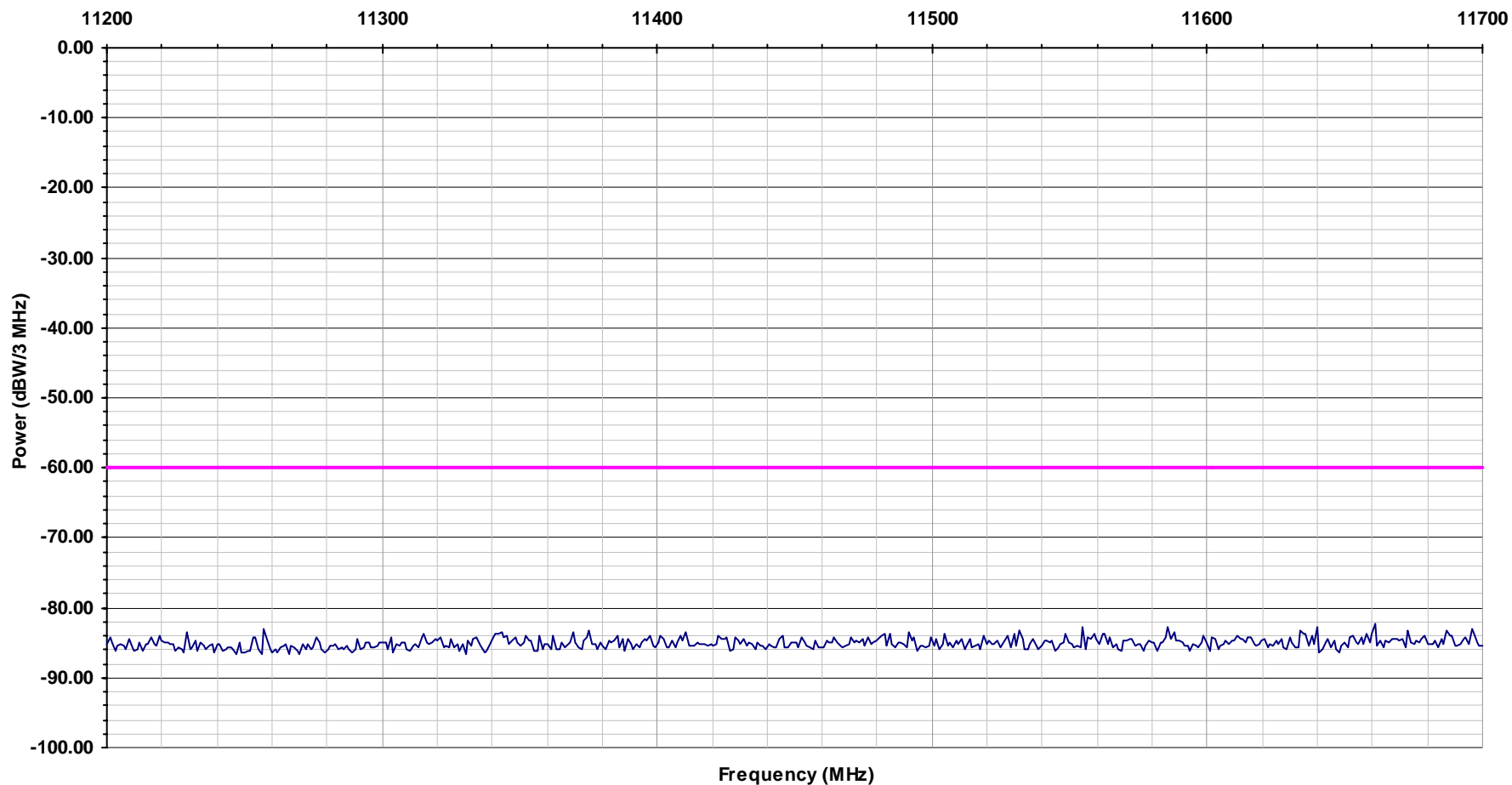


PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 11200.00MHz to 11700.00MHz

176

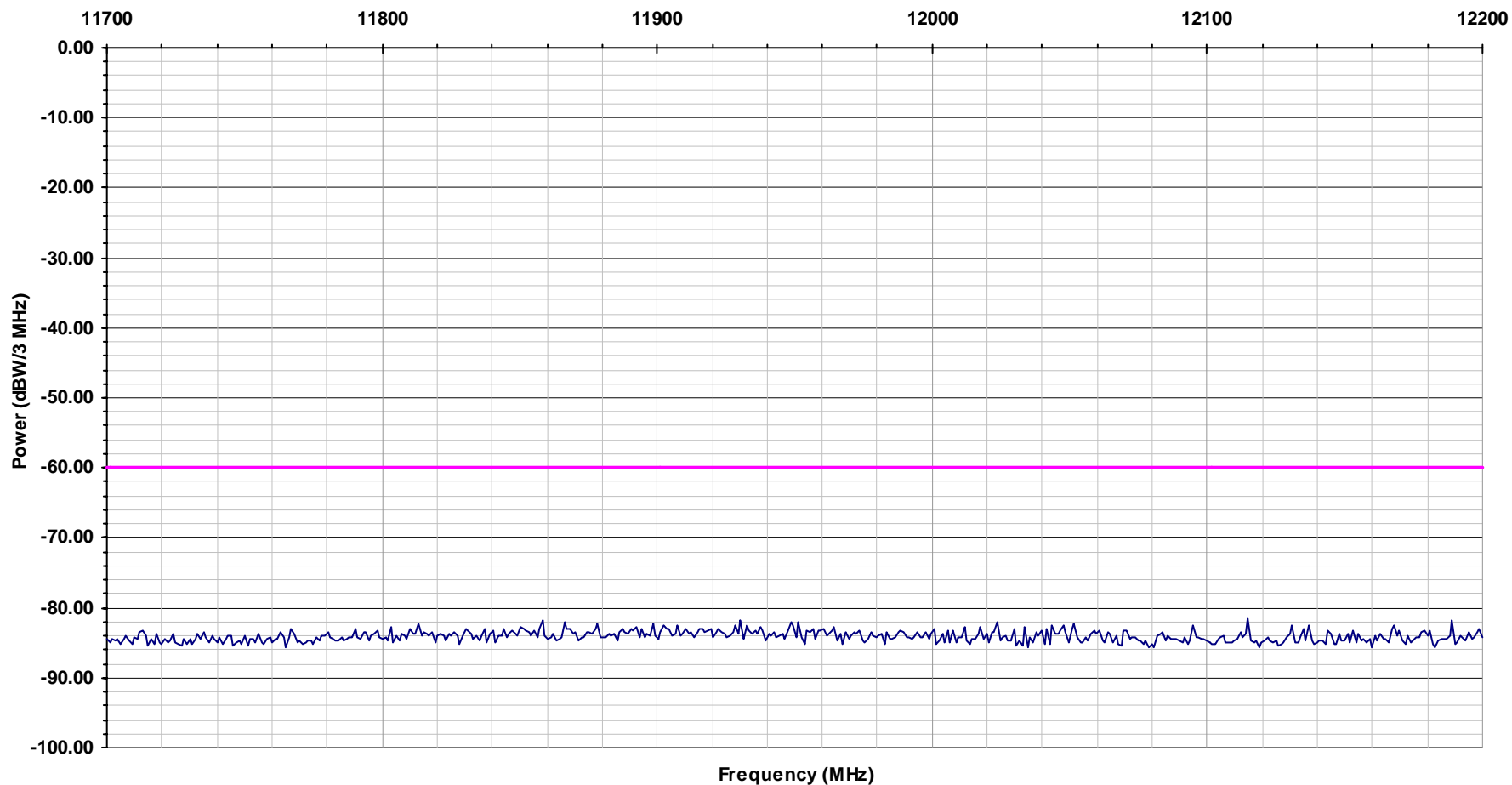


PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 11700.00MHz to 12200.00MHz

177

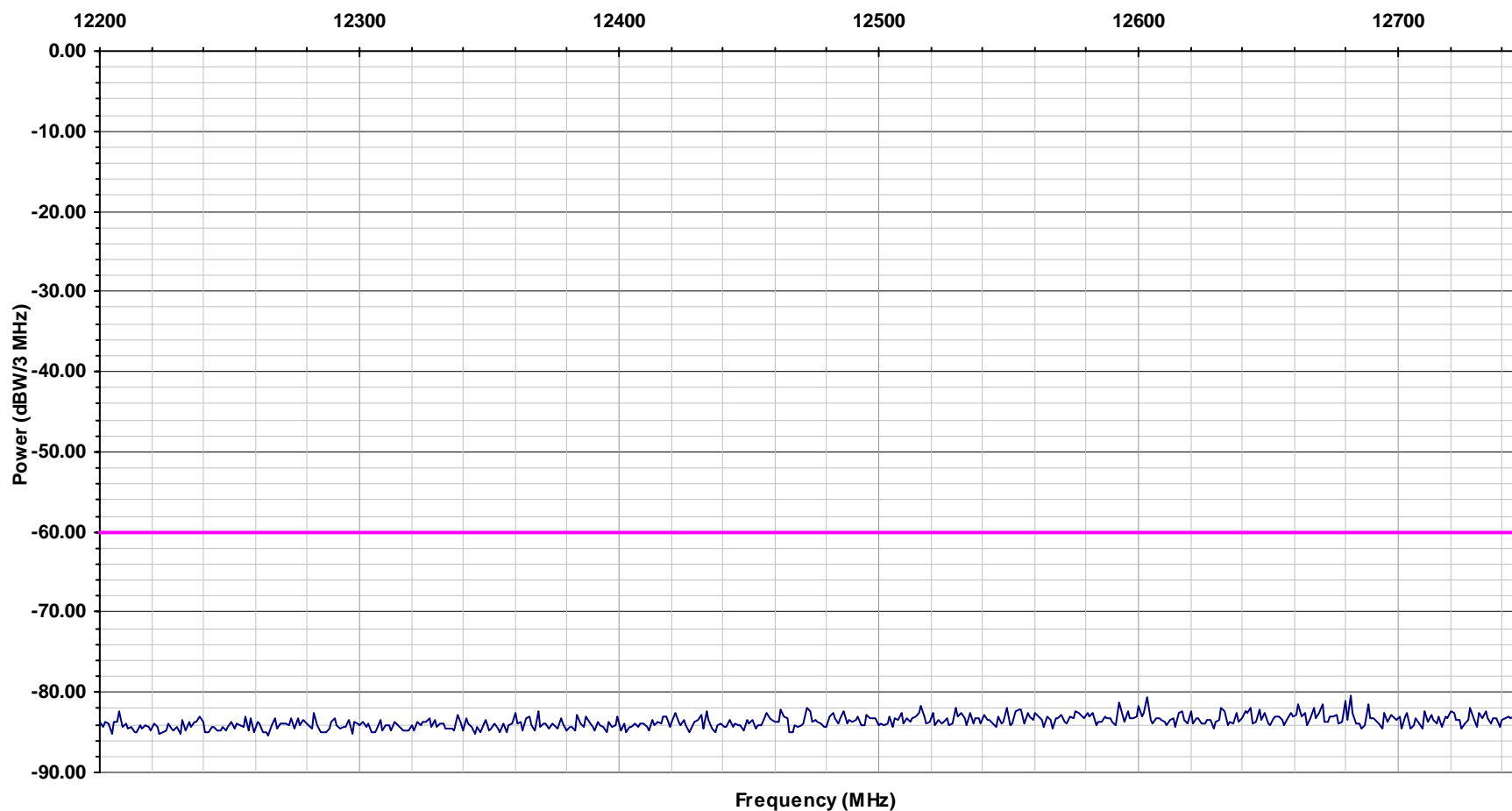


PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 16.00V: ETSI Out-of-band RX Emissions: 12200.00MHz to 12750.00MHz

178



Max: -80.32 dBW @ 12681.6633 MHz

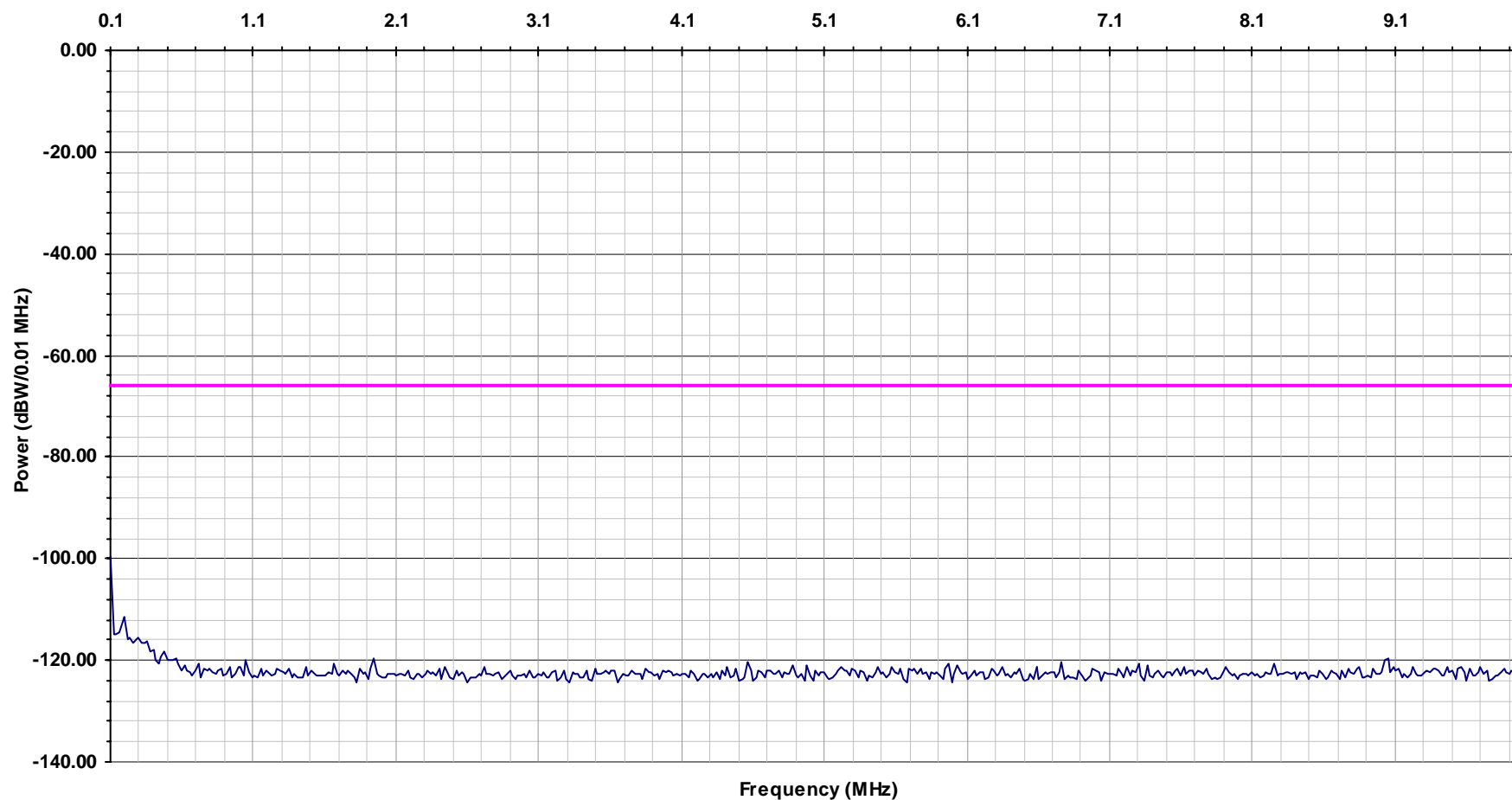
Min: -85.44 dBW @ 12265.0301 MHz Ave: -83.6528 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 0.10MHz to 10.00MHz

220



Max: -99.51 dBW @0.1 MHz

Min: -124.4 dBW @5.9924 MHz

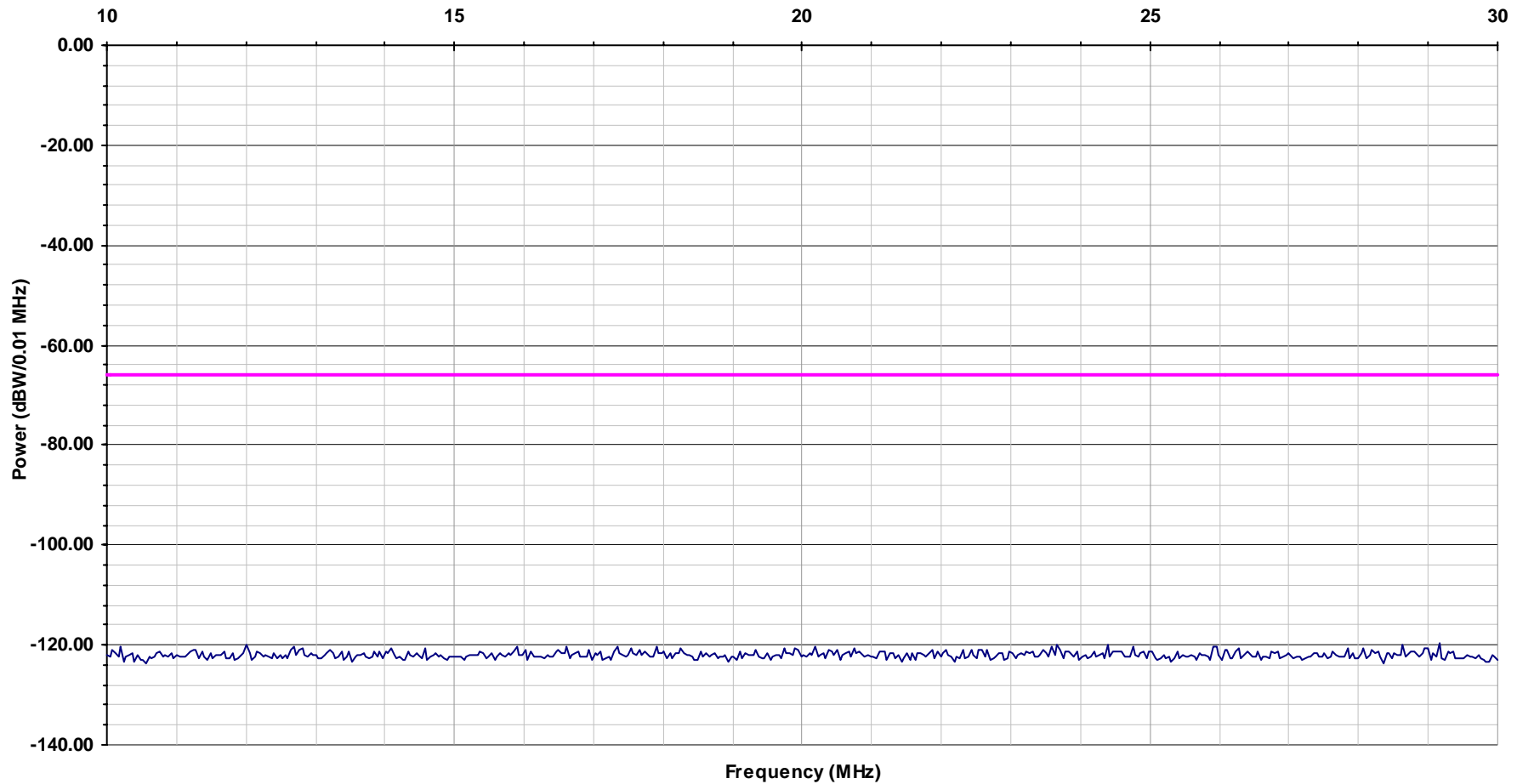
Ave: -122.3063 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 10.00MHz to 30.00MHz

221



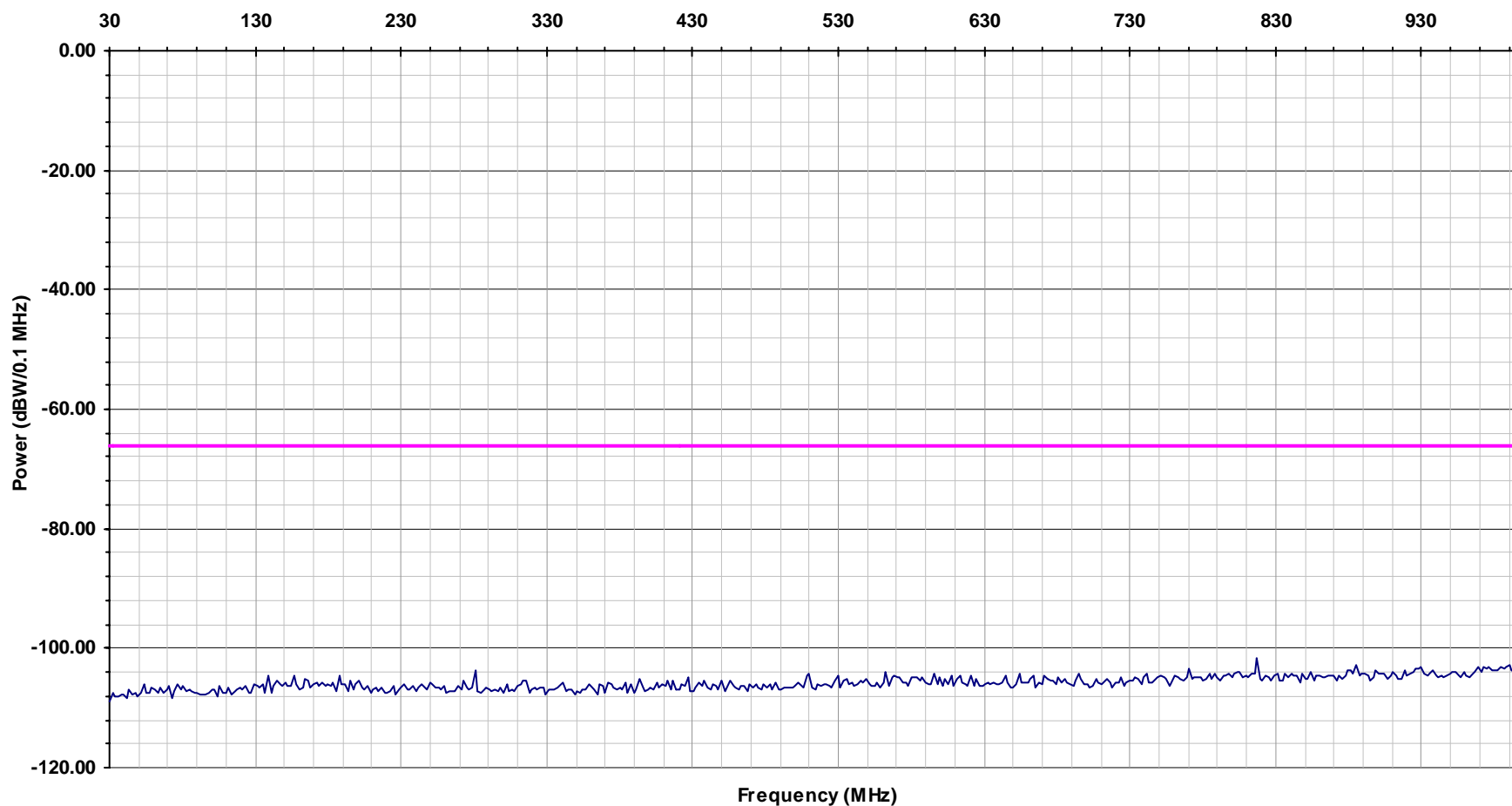
Max: -119.6 dBW @29.1583 MHz
Min: -123.71 dBW @28.3567 MHz **Ave:** -121.9954 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 30.00MHz to 1000.00MHz

222



Max: -101.74 dBW @817.2745 MHz

Min: -109.05 dBW @30.0 MHz

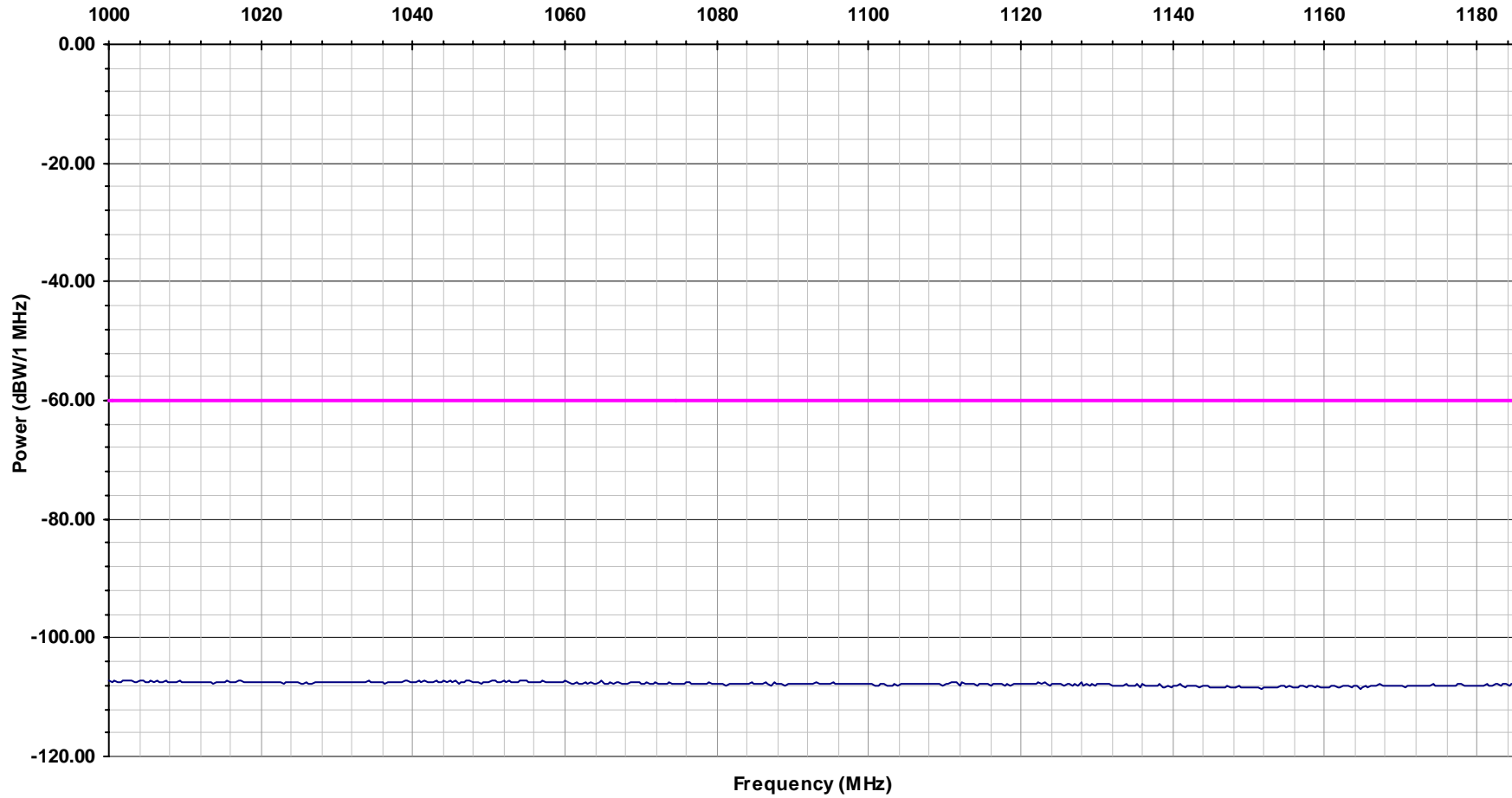
Ave: -105.8016 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1000.00MHz to 1185.00MHz

223



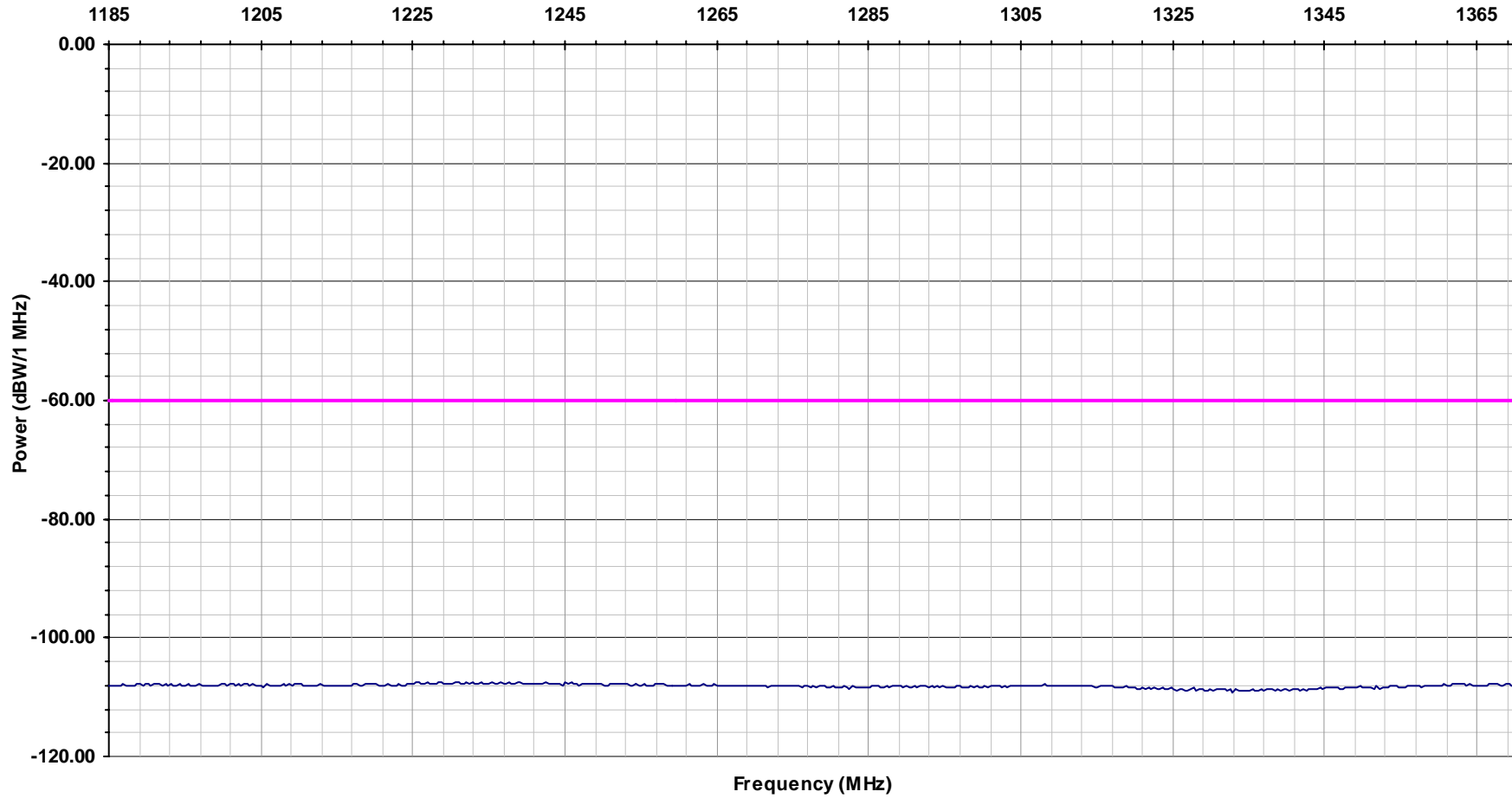
Max: -107.11 dBW @1002.5952 MHz
Min: -108.59 dBW @1151.6333 MHz Ave: -107.7573 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1185.00MHz to 1370.00MHz

224



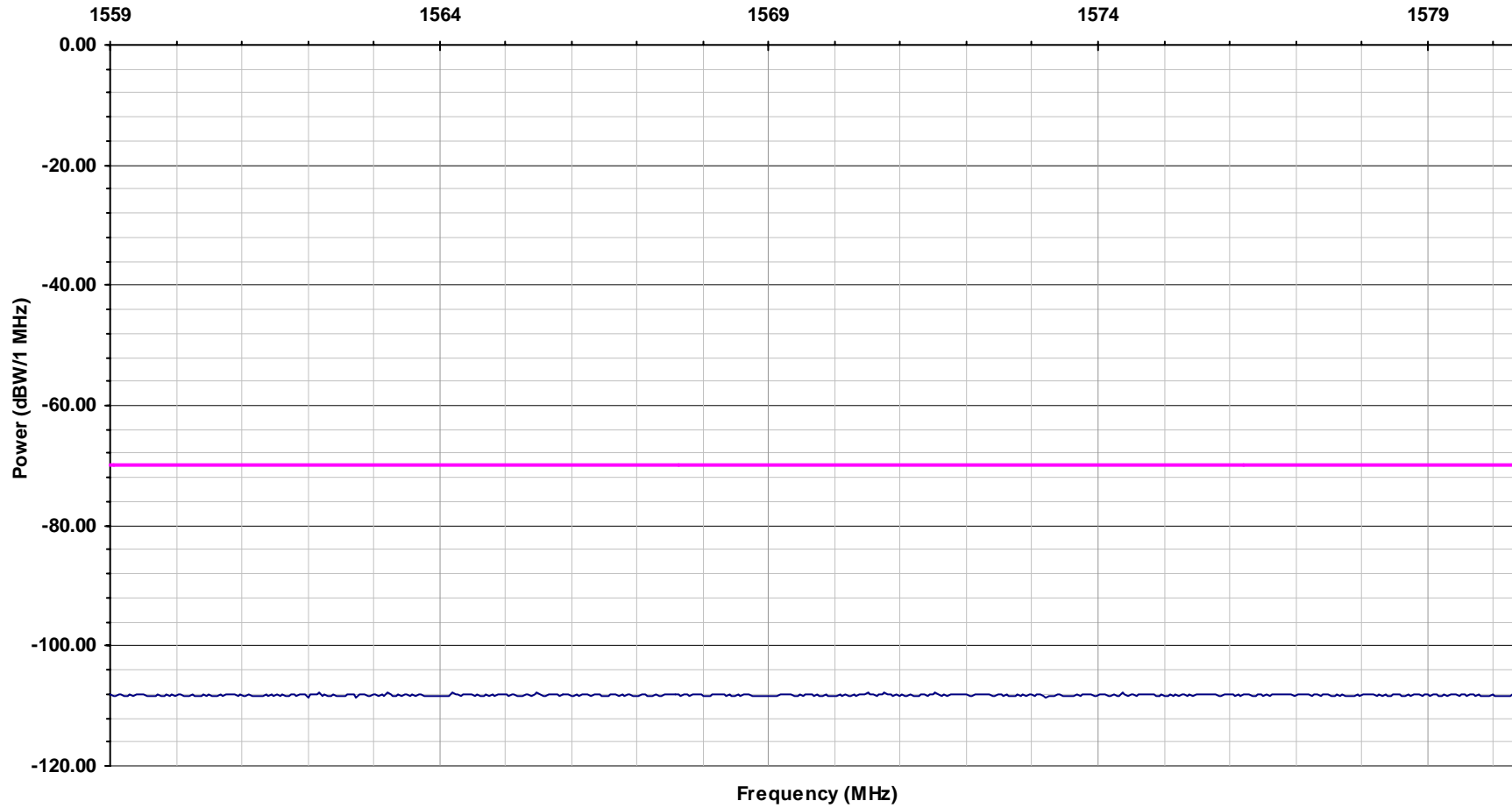
Max: -107.37 dBW @1236.5331 MHz
Min: -109.12 dBW @1332.9259 MHz **Ave:** -108.107 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1559.00MHz to 1580.42MHz

226



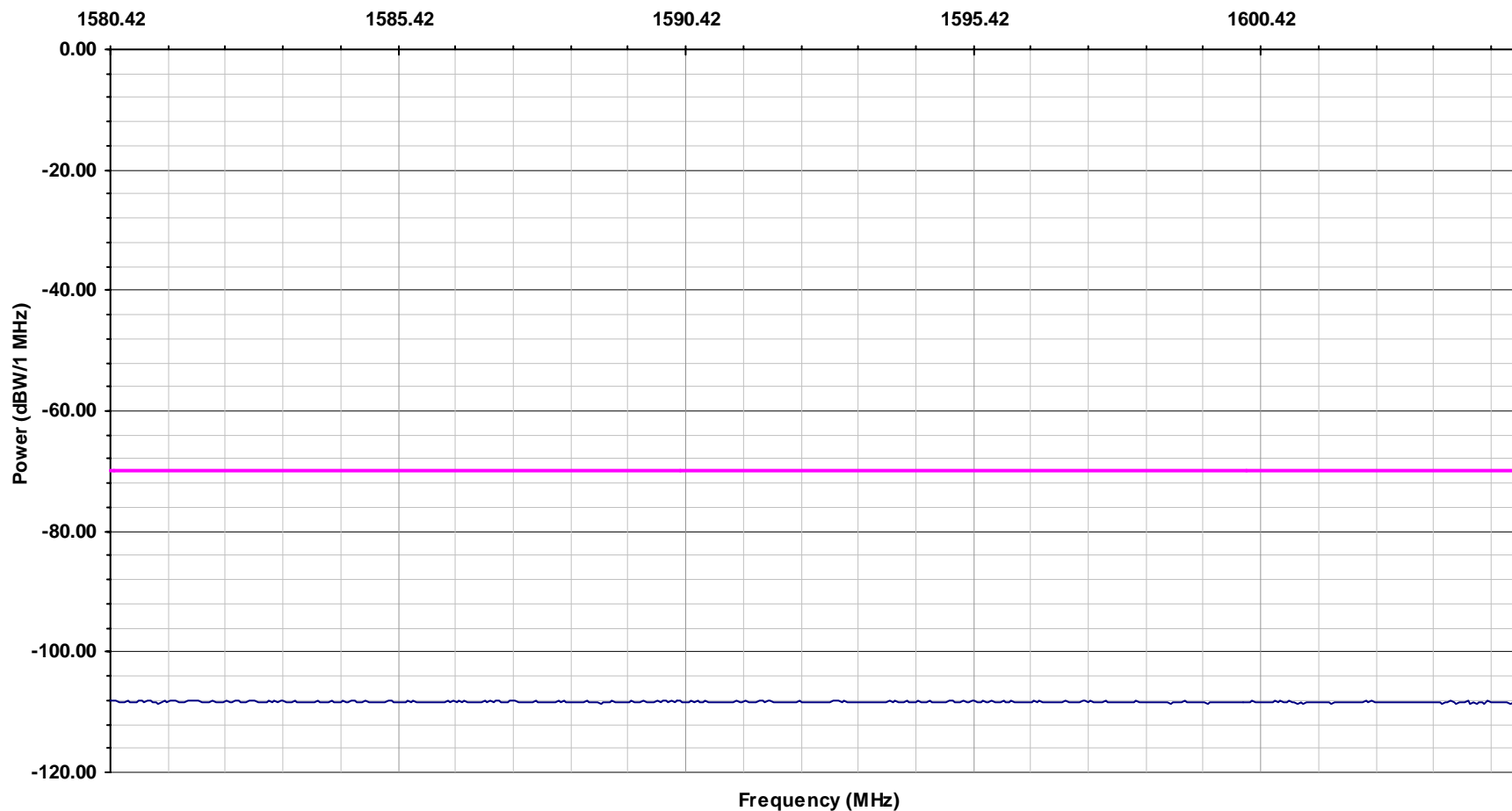
Max: -107.86 dBW @1574.3675 MHz
Min: -108.54 dBW @1562.0048 MHz Ave: -108.1878 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1580.42MHz to 1605.00MHz

227



Max: -107.97 dBW @1580.7156 MHz

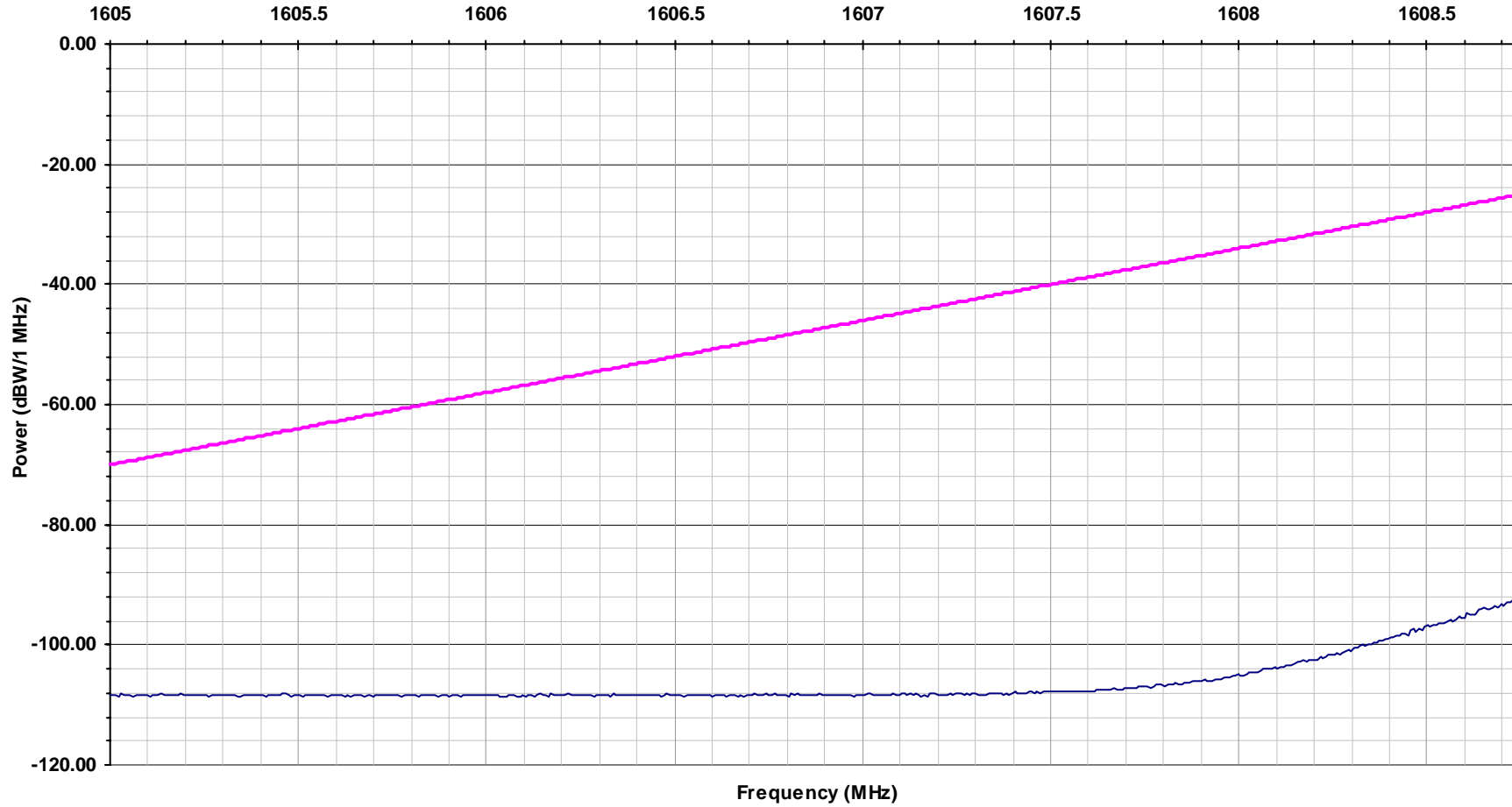
Min: -108.59 dBW @1601.0593 MHz Ave: -108.285 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1605.00MHz to 1608.75MHz

228



Max: -92.24 dBW @1608.75 MHz

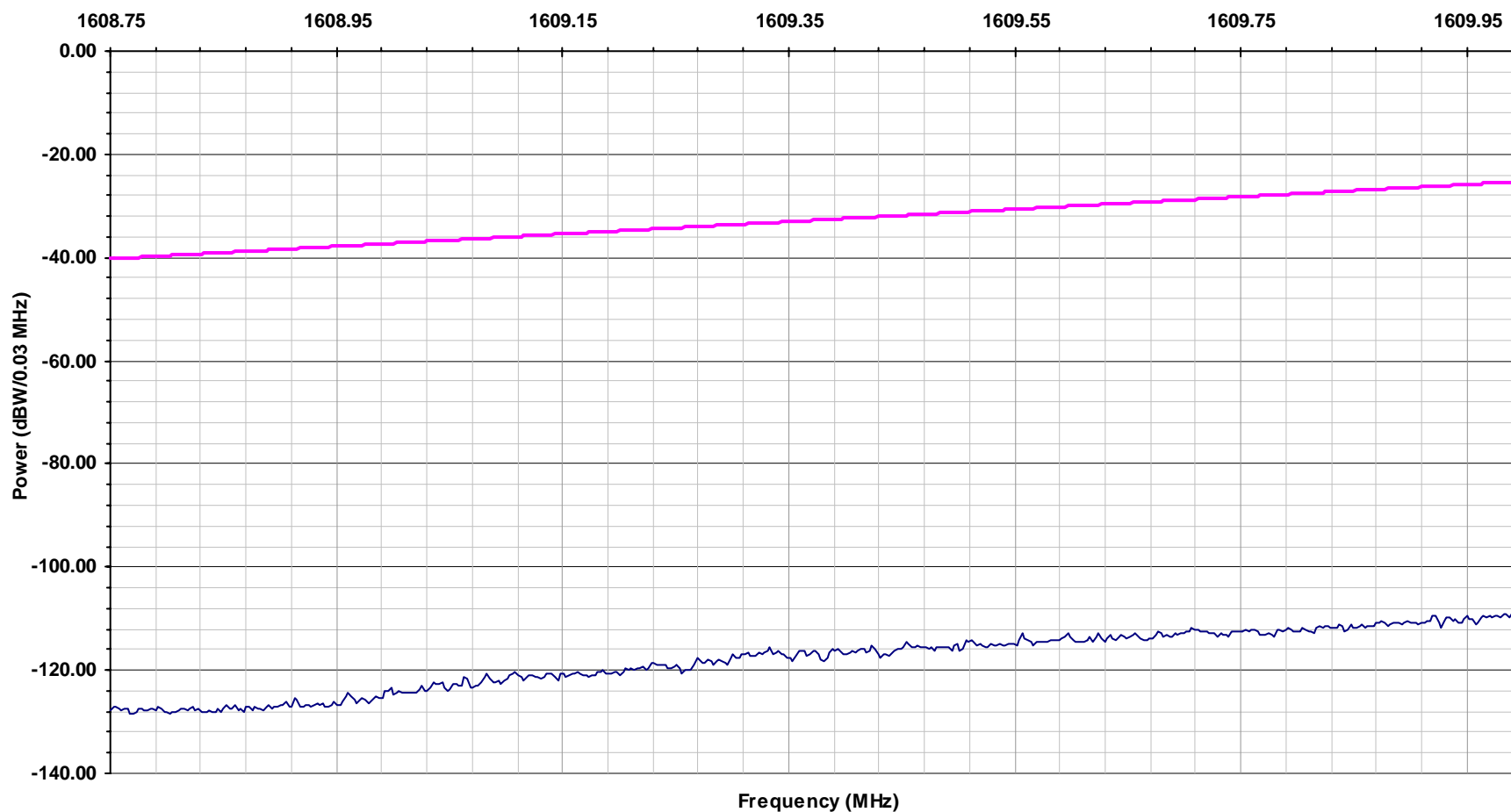
Min: -108.71 dBW @1605.0601 MHz Ave: -106.2863 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1608.75MHz to 1610.00MHz

229



Max: -107.92 dBW @1610.0 MHz

Min: -128.45 dBW @1608.77 MHz

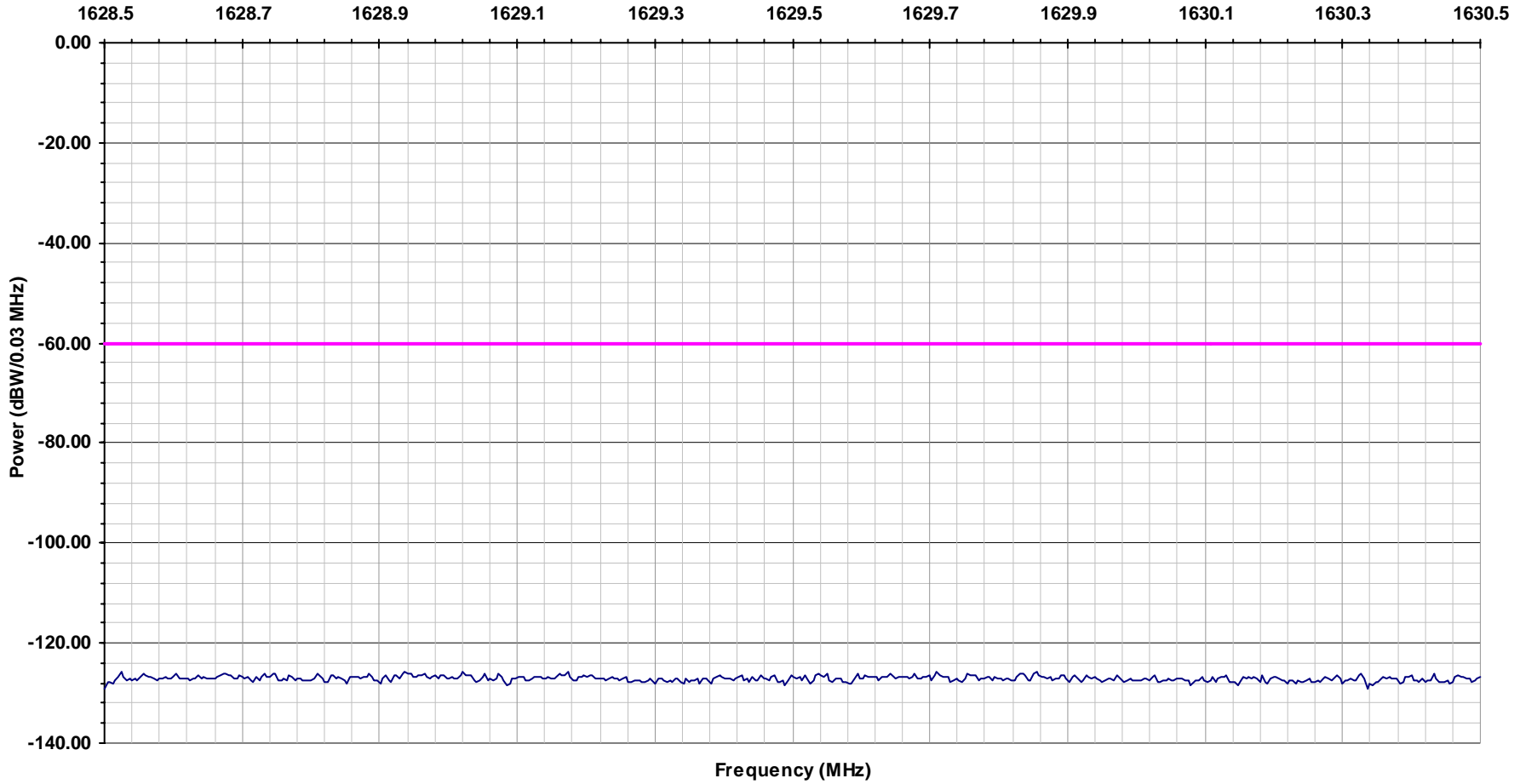
Ave: -118.0317 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1628.50MHz to 1630.50MHz

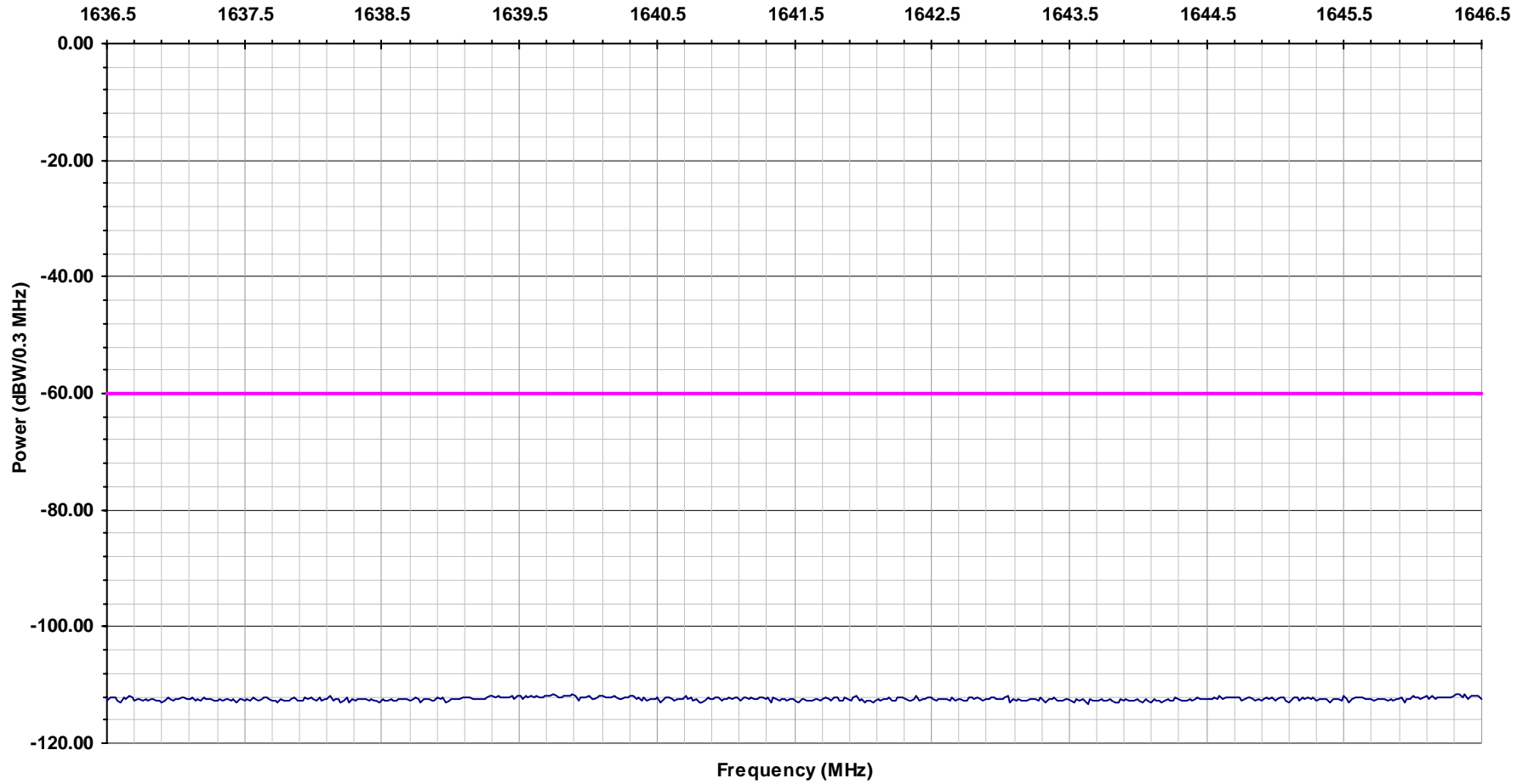
230



Max: -125.59 dBW @1629.1733 MHz
Min: -129.1 dBW @1630.3357 MHz **Ave:** -127.066 dBW

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1636.50MHz to 1646.50MHz

233



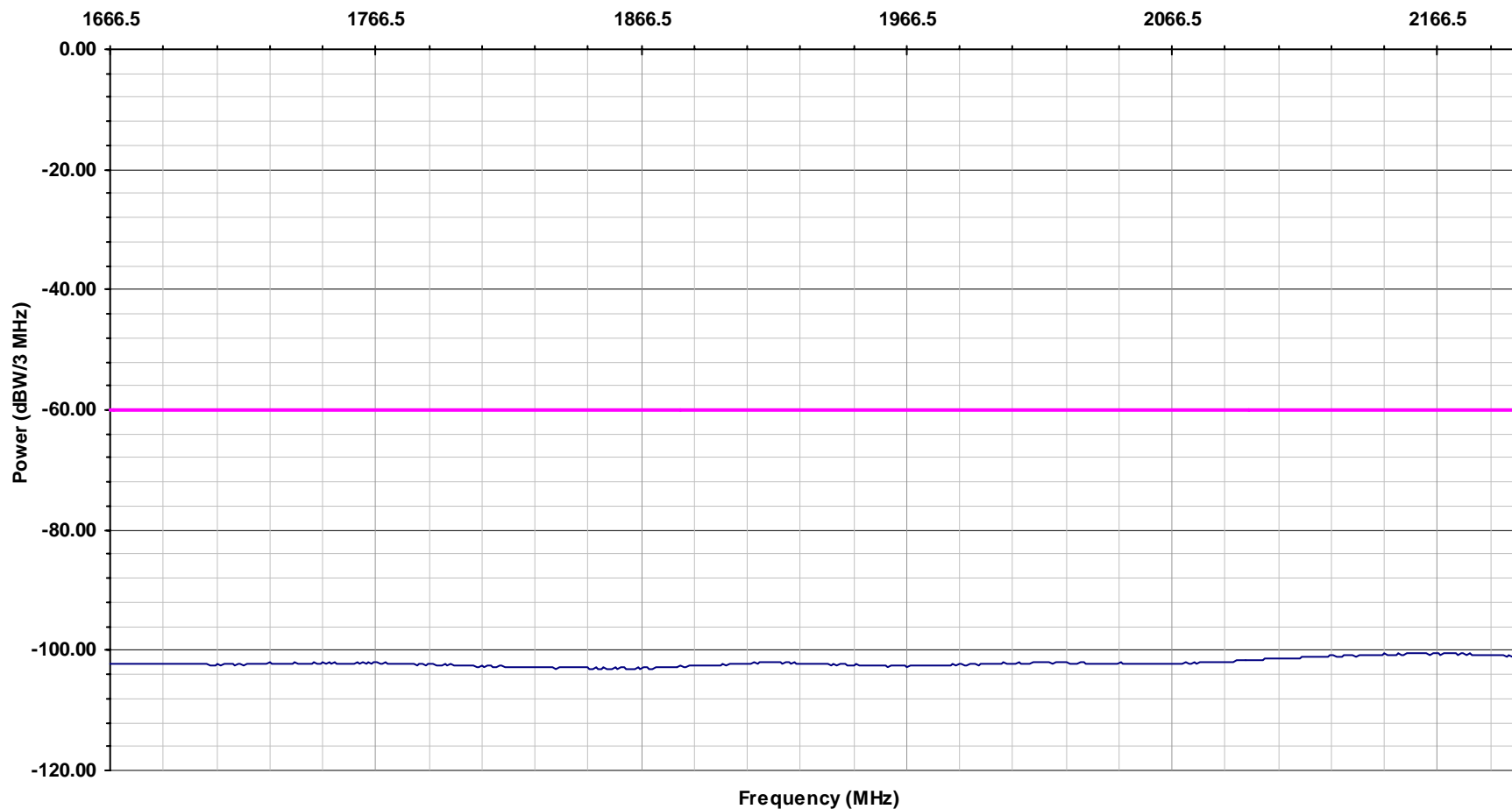
Max: -111.48 dBW @1639.7465 MHz
Min: -113.21 dBW @1643.6343 MHz **Ave:** -112.413 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1666.50MHz to 2200.00MHz

235



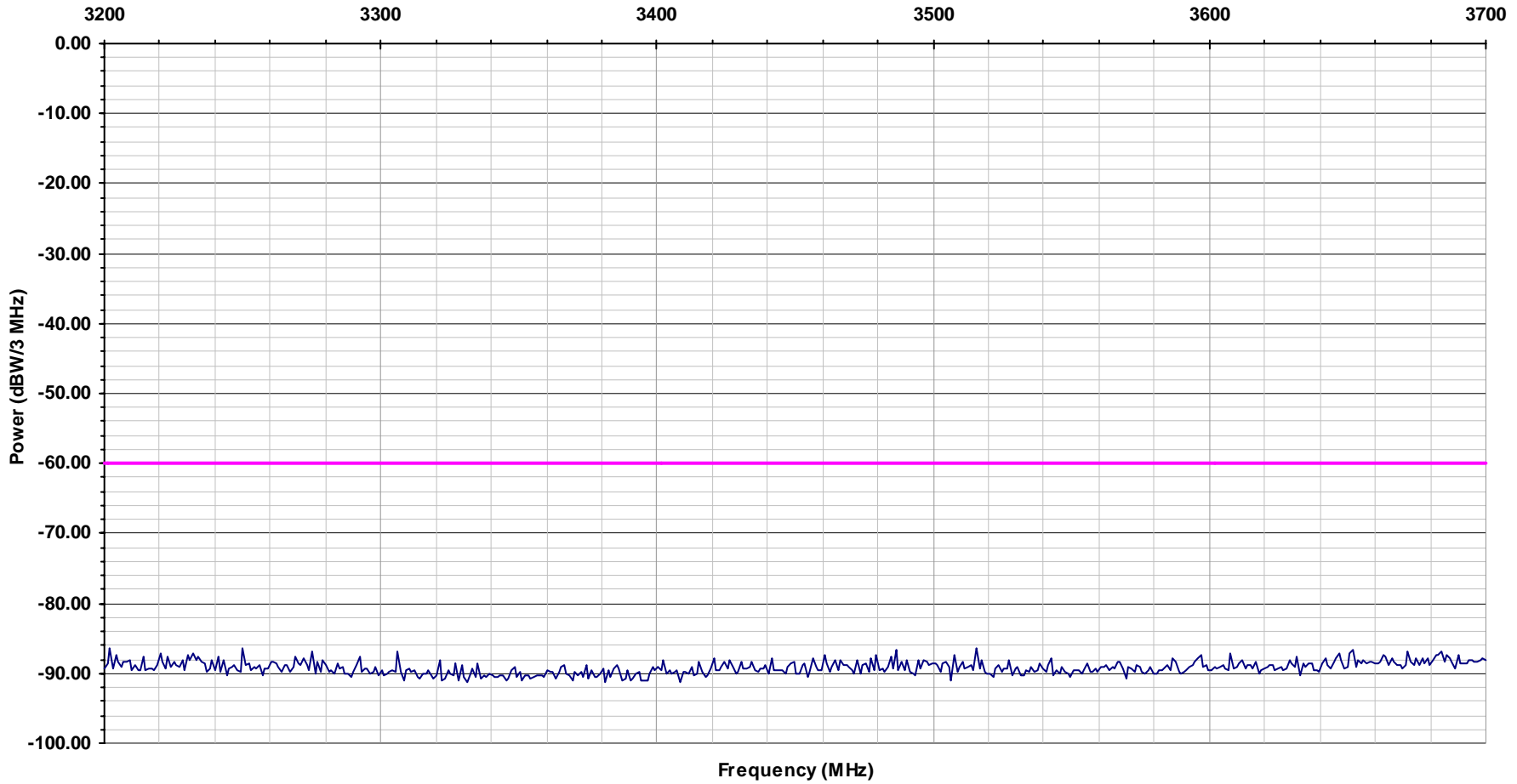
Max: -100.47 dBW @2171.1333 MHz
Min: -103.08 dBW @1864.2906 MHz **Ave:** -102.0673 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 3200.00MHz to 3700.00MHz

238

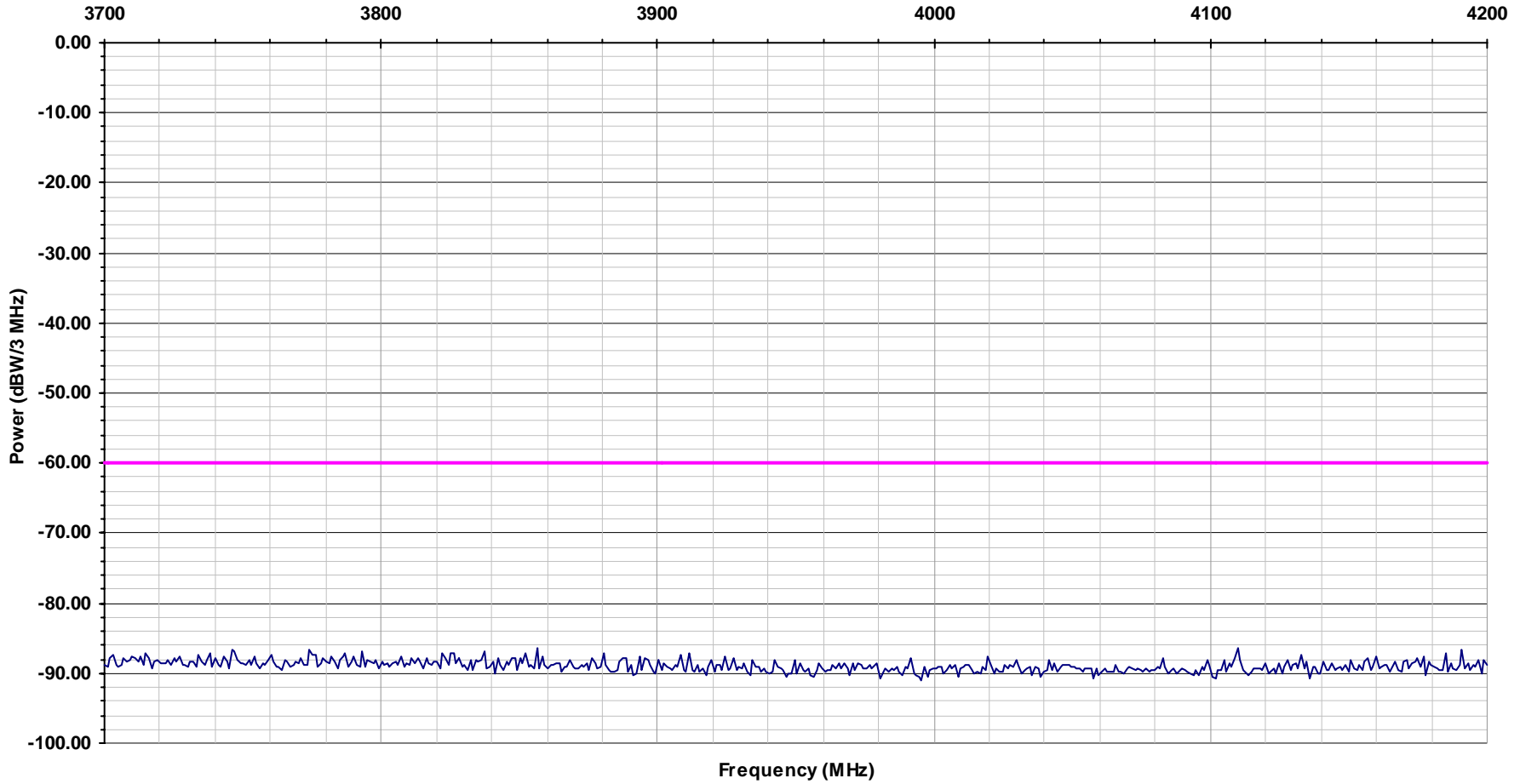


PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 3700.00MHz to 4200.00MHz

239



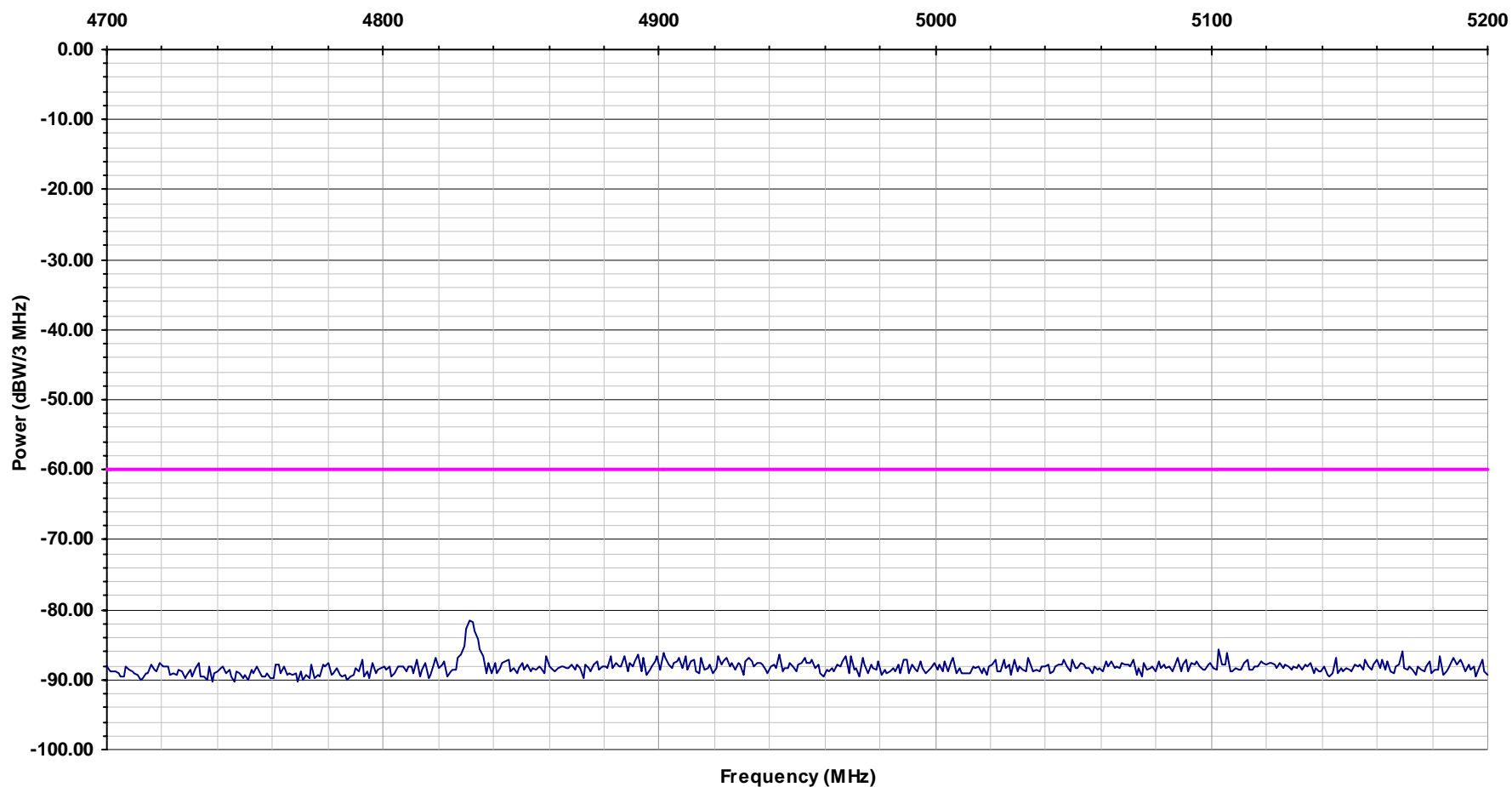
Max: -86.36 dBW @4109.8196 MHz
Min: -90.96 dBW @3995.5912 MHz **Ave:** -88.9584 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 4700.00MHz to 5200.00MHz

241



Max: -81.57 dBW @4831.2625 MHz

Min: -90.38 dBW @4769.1383 MHz

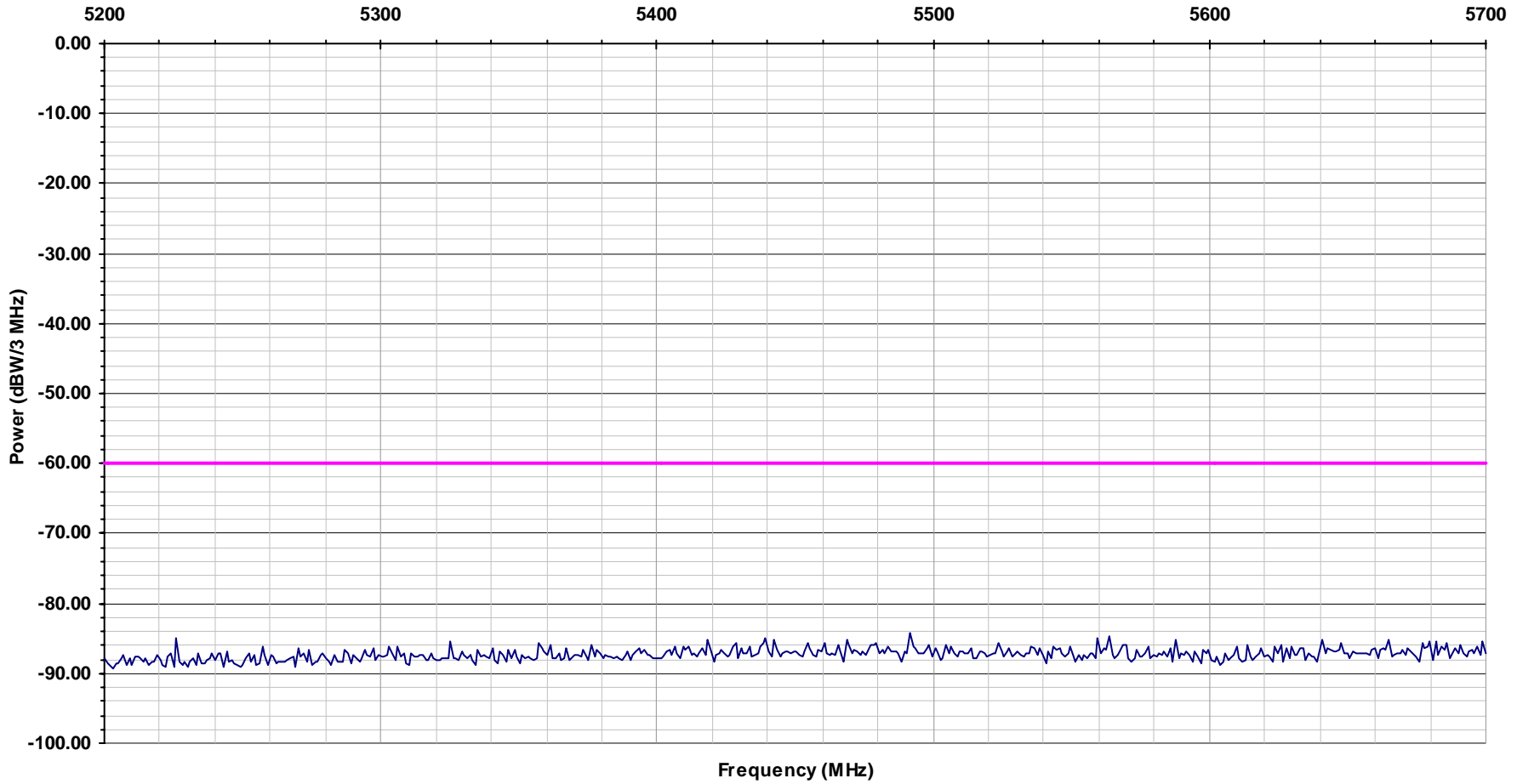
Ave: -88.2439 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 5200.00MHz to 5700.00MHz

242



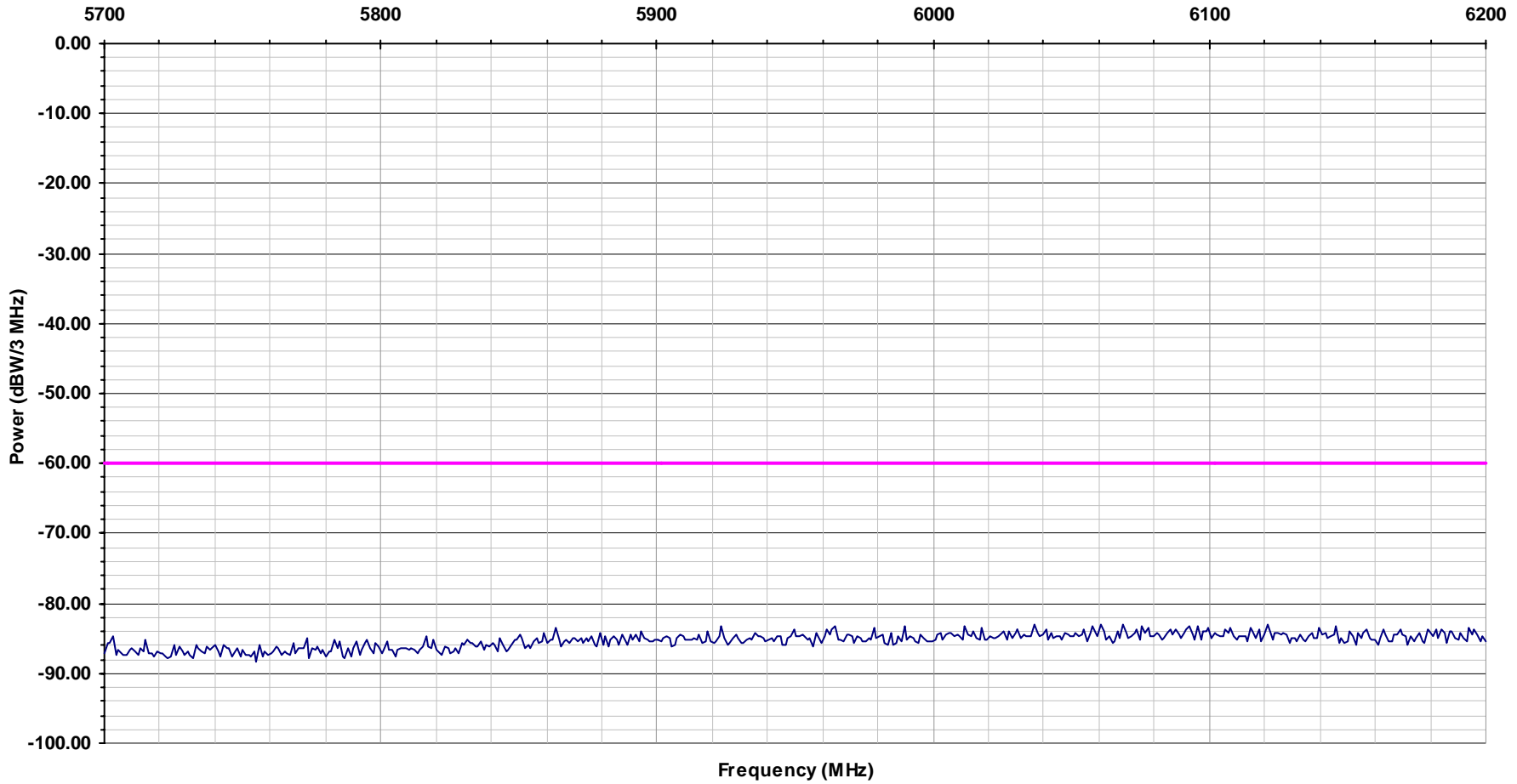
Max: -84.3 dBW @5491.5832 MHz
Min: -89.4 dBW @5203.006 MHz **Ave:** -87.3 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 5700.00MHz to 6200.00MHz

243



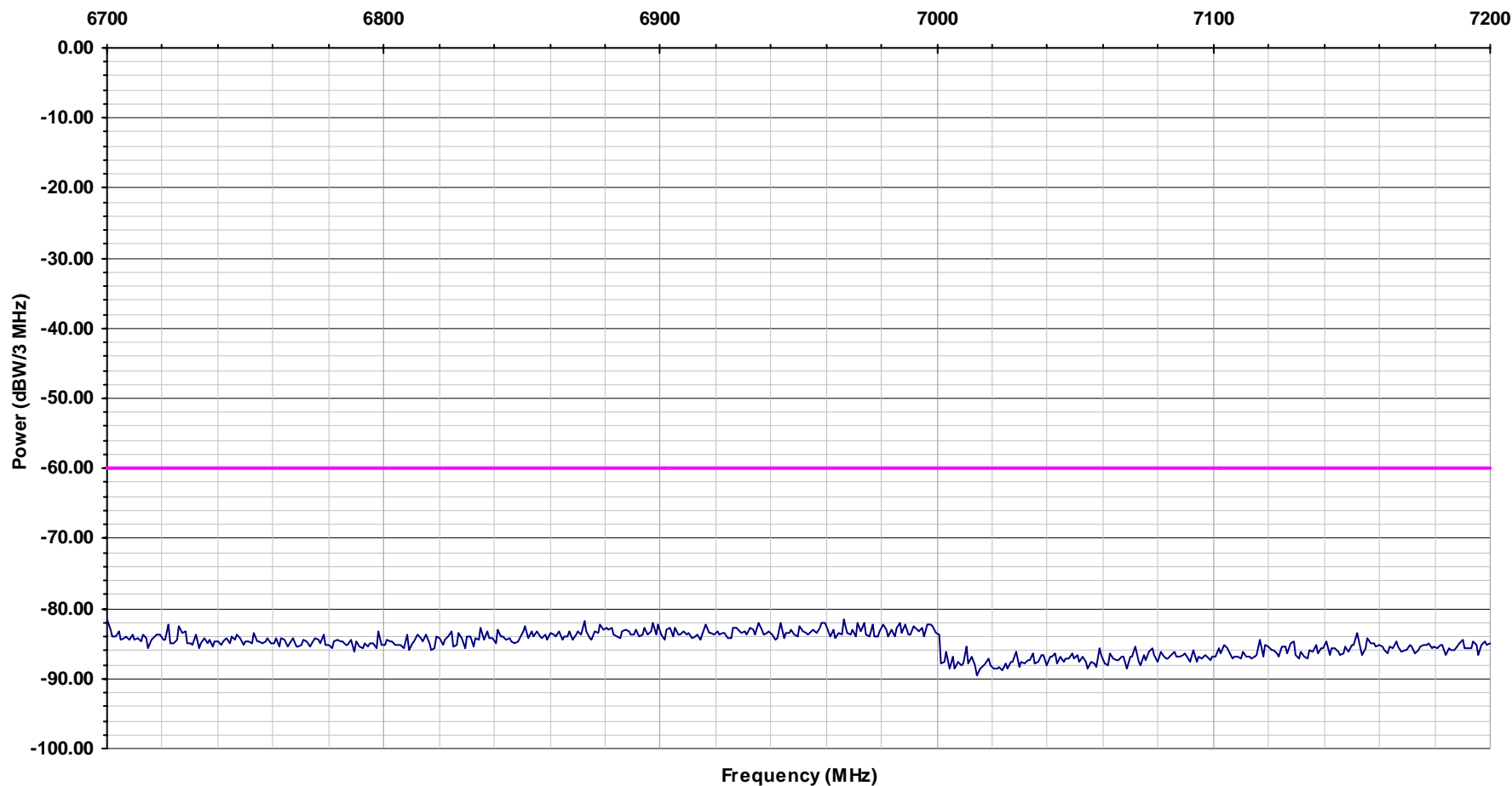
Max: -82.94 dBW @6068.7375 MHz
Min: -88.39 dBW @5755.1102 MHz **Ave:** -85.3192 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 6700.00MHz to 7200.00MHz

245



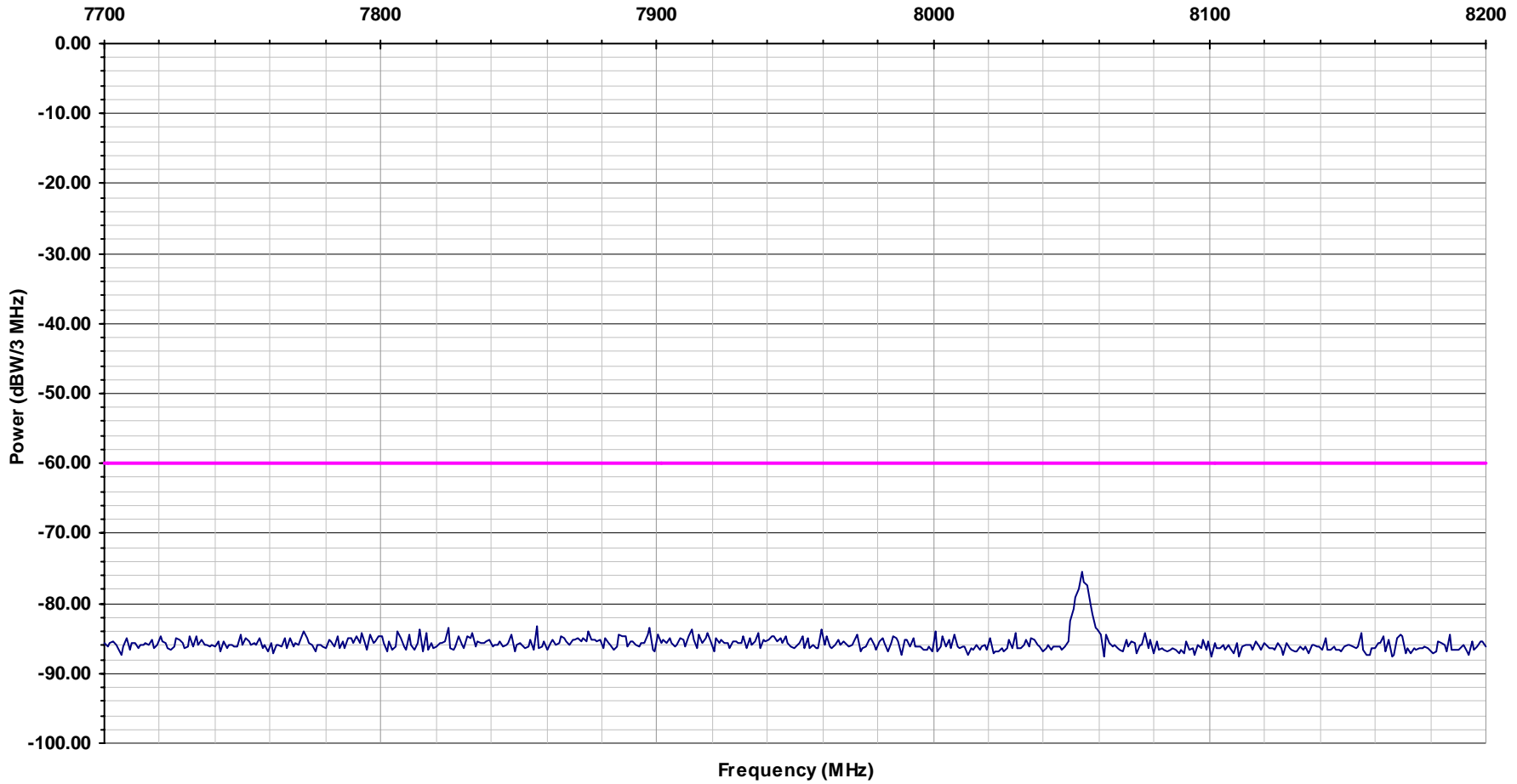
Max: -81.55 dBW @6700.0 MHz
Min: -89.57 dBW @7014.6293 MHz **Ave:** -84.9817 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 7700.00MHz to 8200.00MHz

247



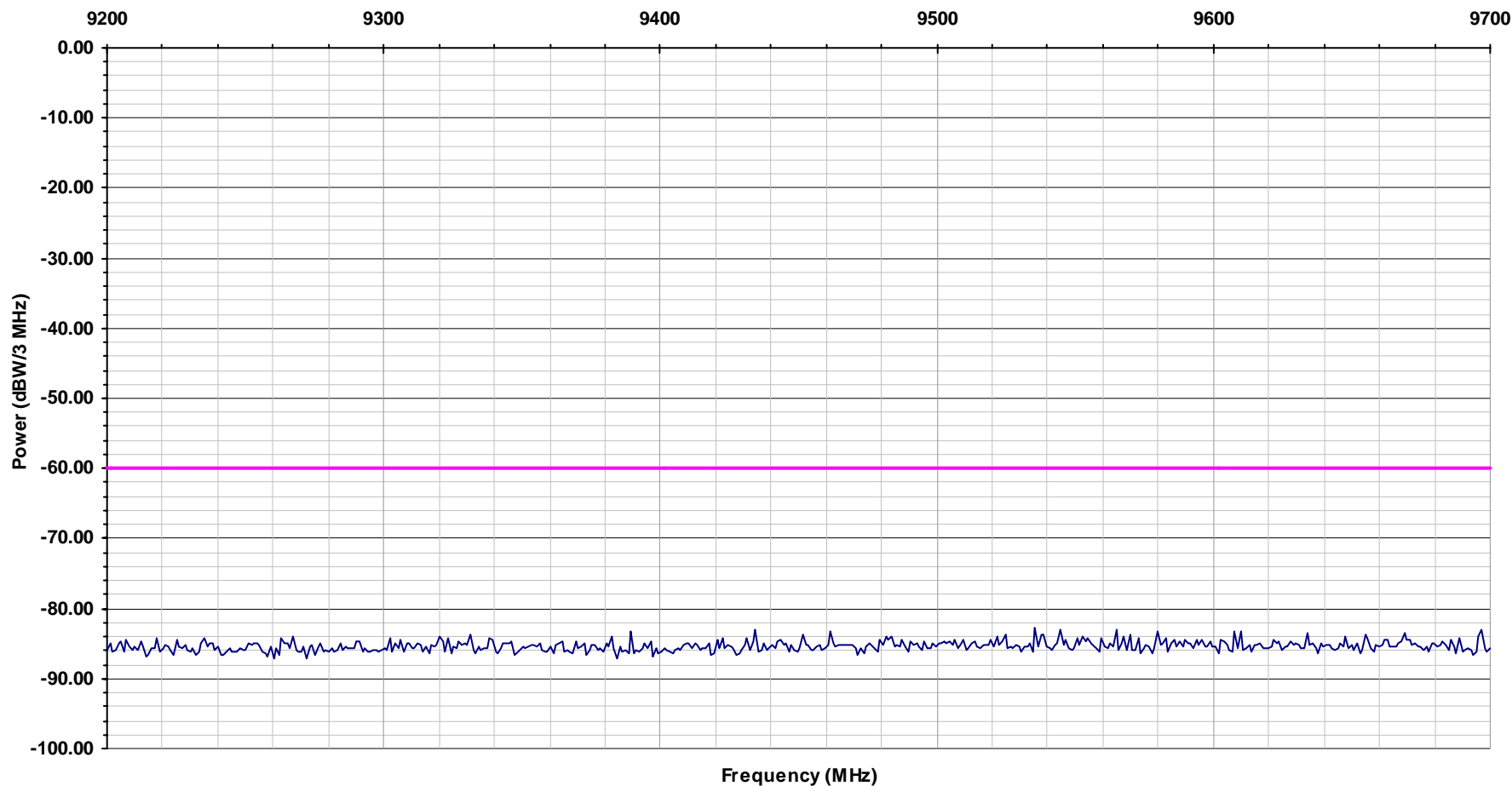
Max: -75.42 dBW @8053.7074 MHz
Min: -87.67 dBW @8061.7234 MHz **Ave:** -85.7233 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 9200.00MHz to 9700.00MHz

250



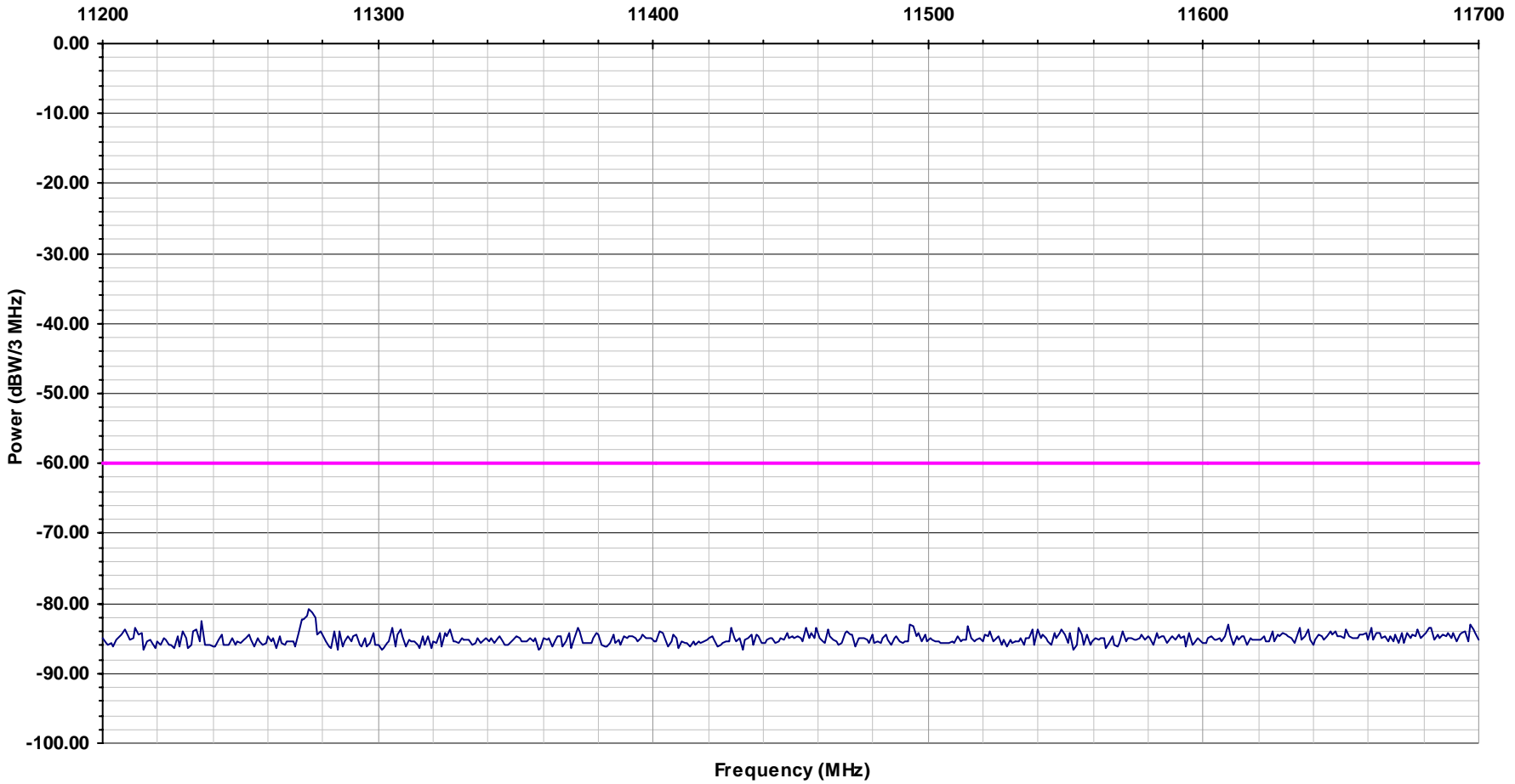
Max: -82.68 dBW @9535.6713 MHz
Min: -87.14 dBW @9260.1202 MHz **Ave:** -85.3788 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 11200.00MHz to 11700.00MHz

254



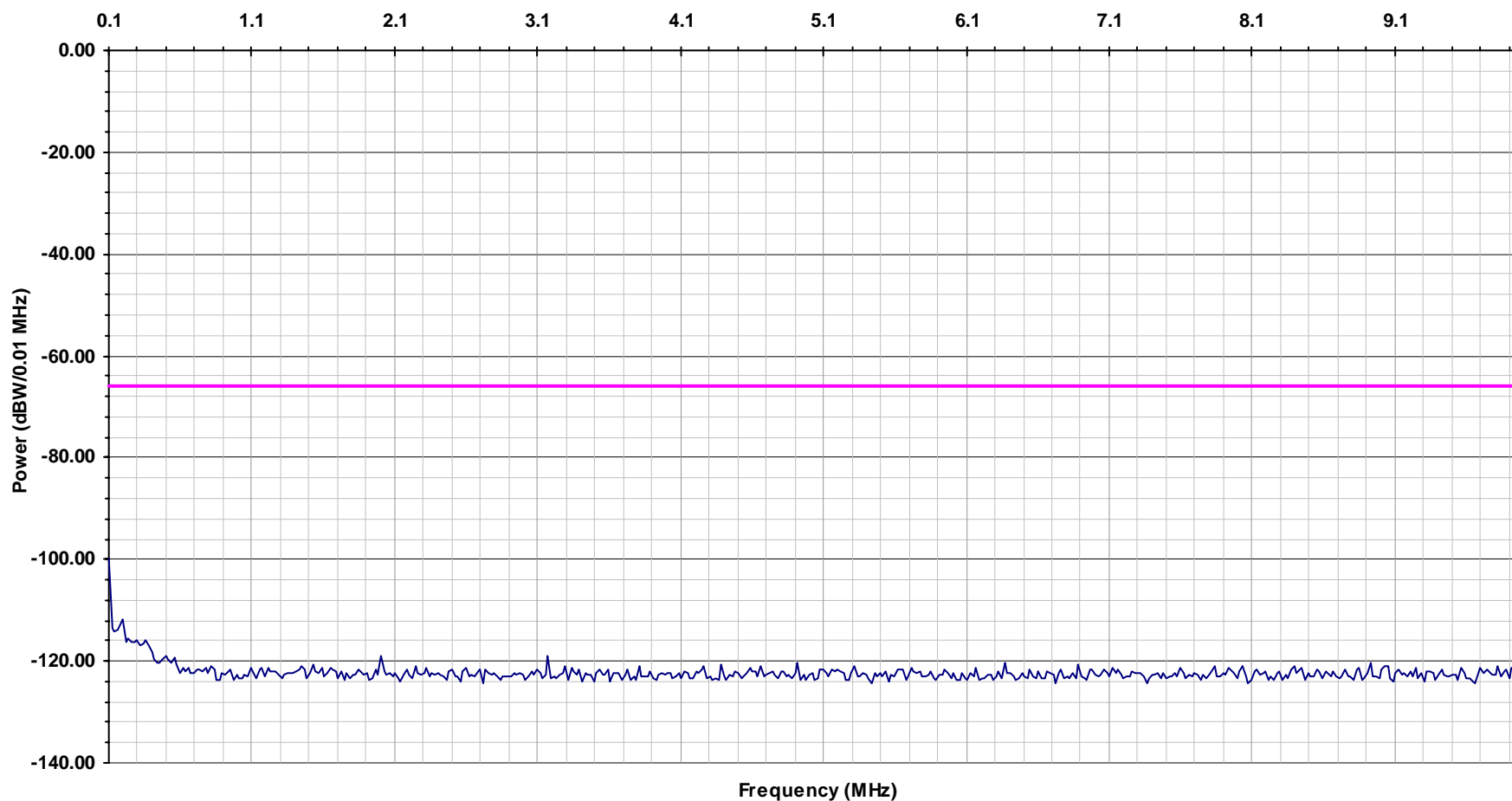
Max: -80.88 dBW @11275.1503 MHz
Min: -86.76 dBW @11301.2024 MHz **Ave:** -85.0552 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 0.10MHz to 10.00MHz

320



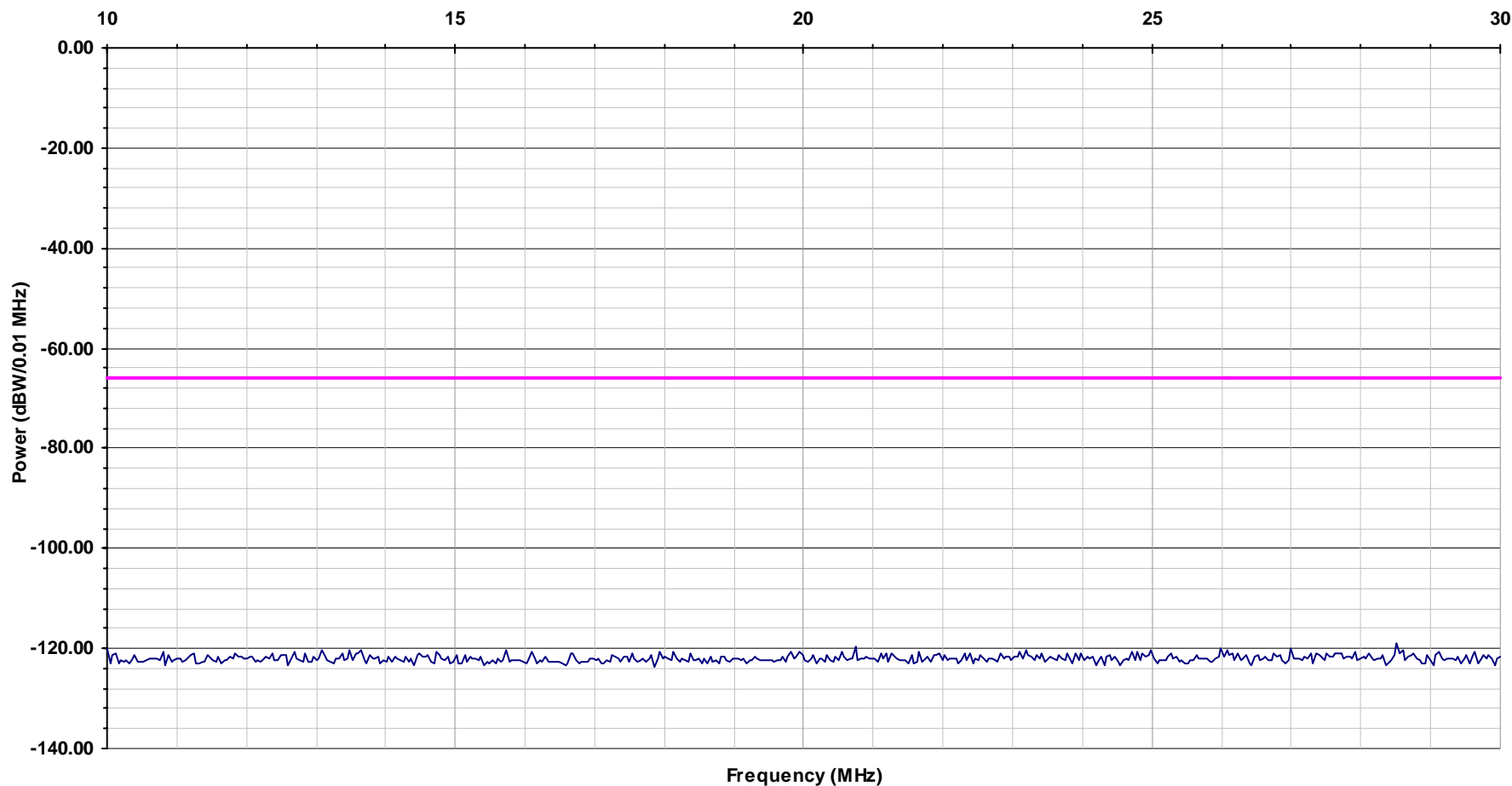
Max: -99.8 dBW @0.1 MHz
Min: -124.43 dBW @7.3613 MHz **Ave:** -122.2348 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 10.00MHz to 30.00MHz

321



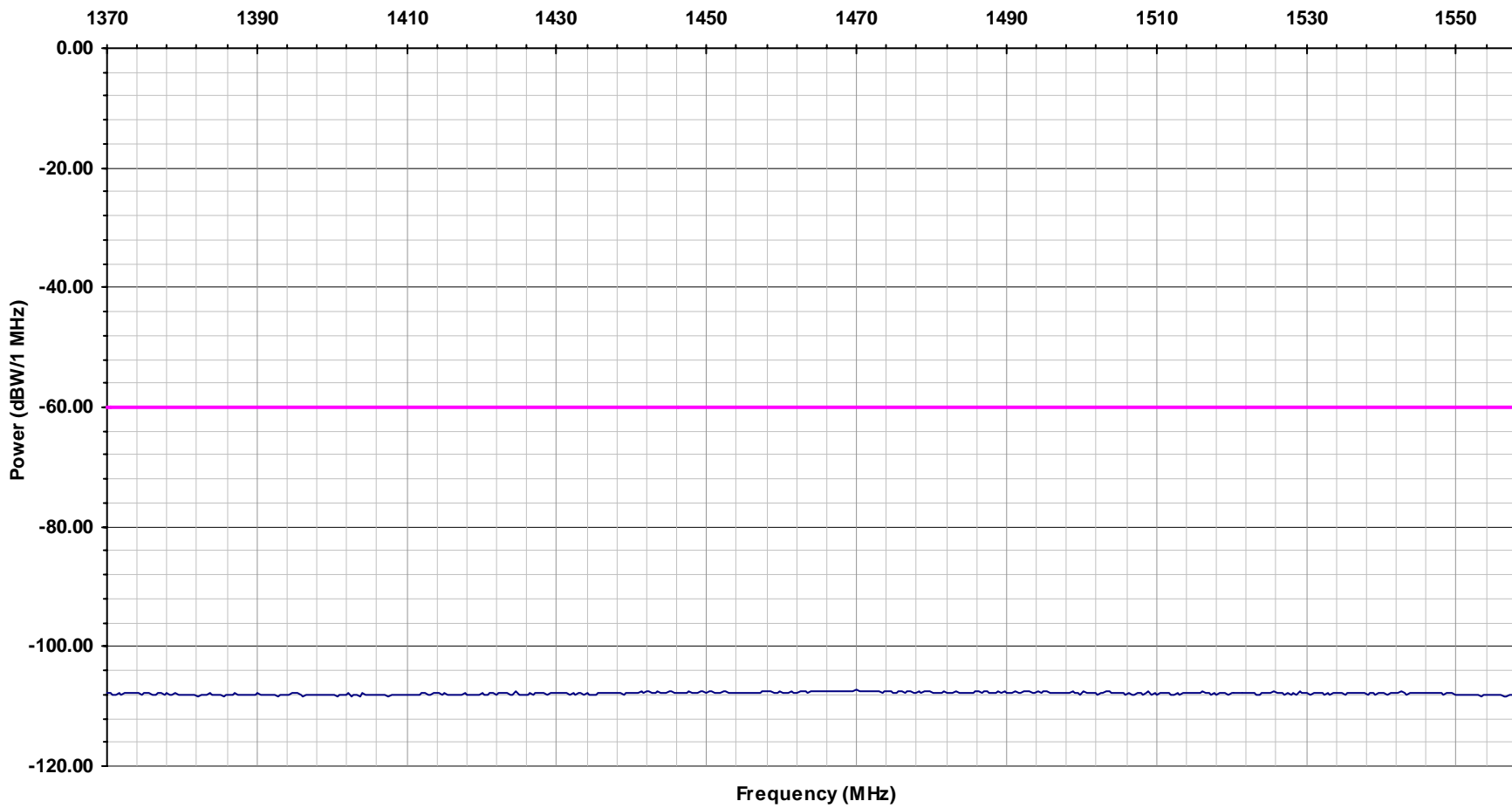
Max: -118.95 dBW @28.517 MHz

Min: -123.6 dBW @17.8557 MHz

Ave: -121.9973 dB

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1370.00MHz to 1559.00MHz

325



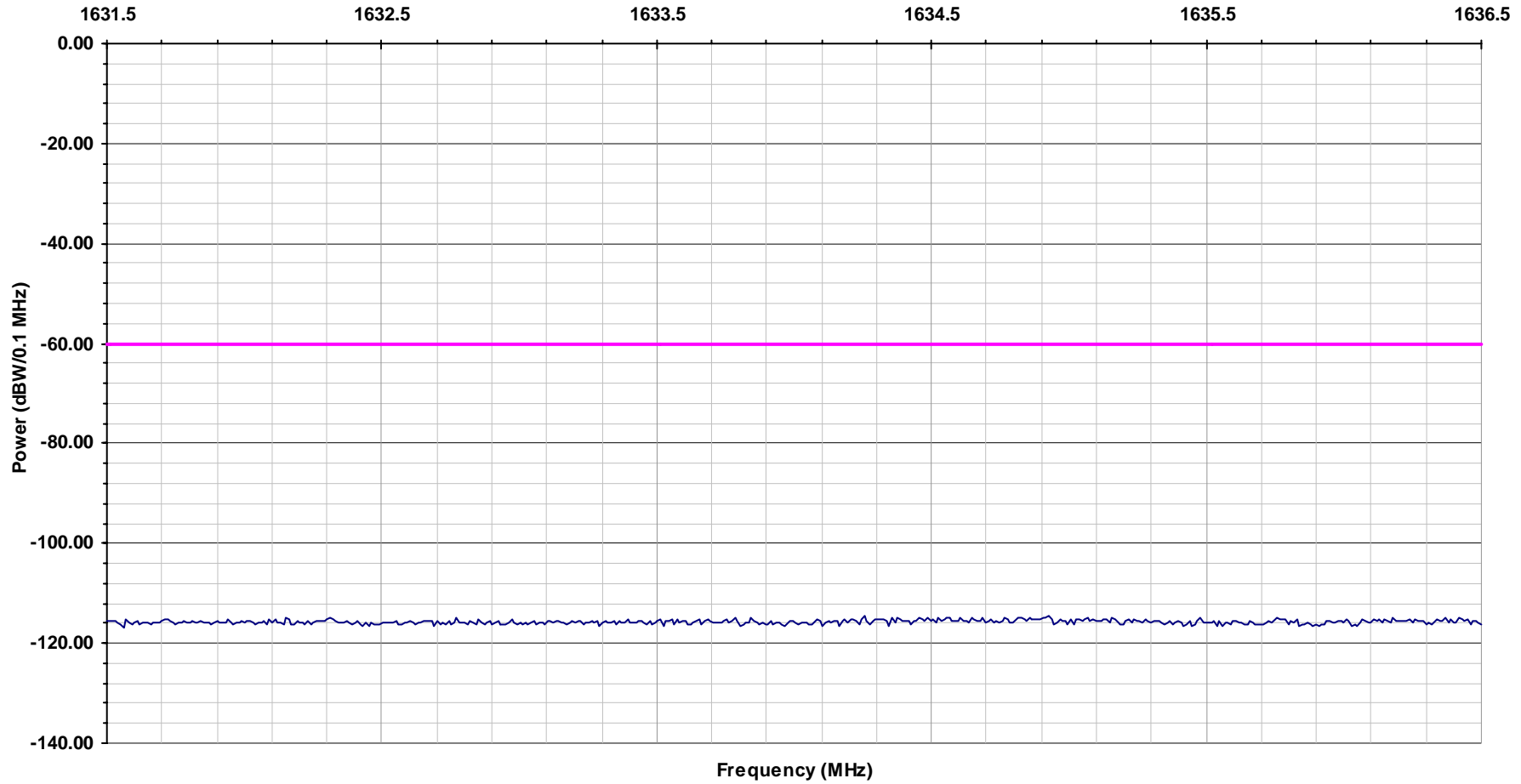
Max: -107.25 dBW @1469.992 MHz
Min: -108.38 dBW @1407.497 MHz **Ave:** -107.8317 dB

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1631.50MHz to 1636.50MHz

332



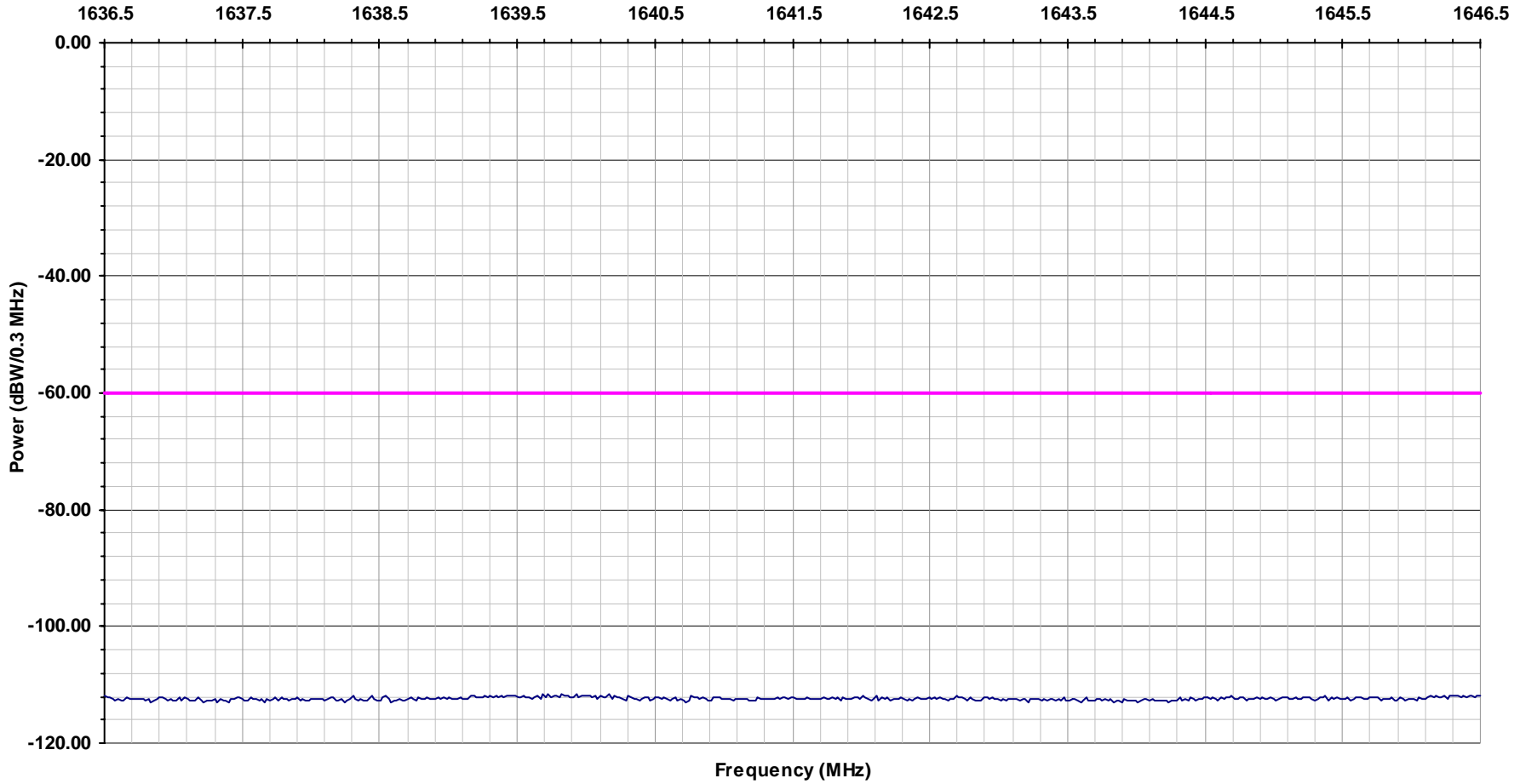
Max: -114.53 dBW @ 1634.9269 MHz
Min: -116.83 dBW @ 1631.5601 MHz **Ave:** -115.7043 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 1636.50MHz to 1646.50MHz

333



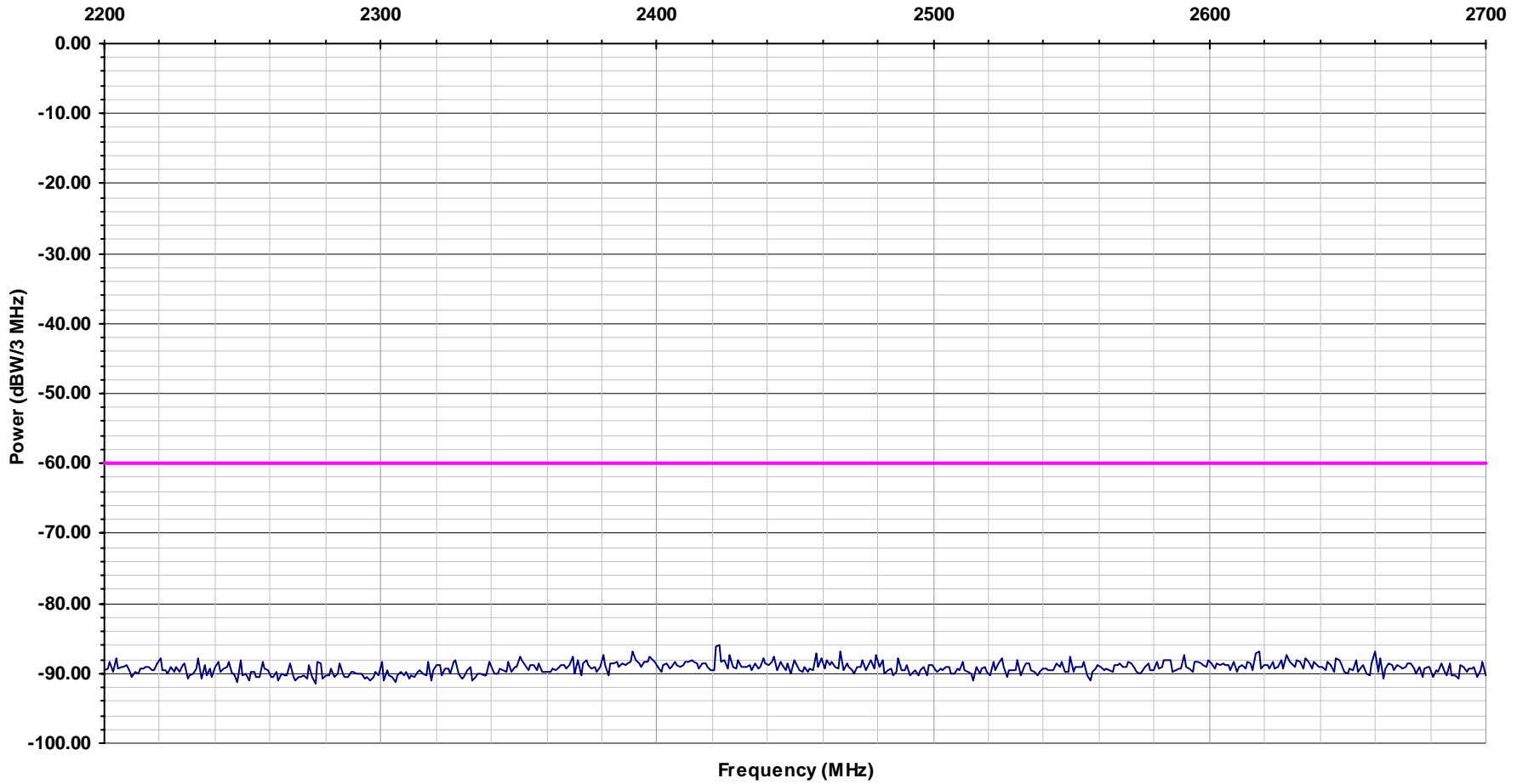
Max: -111.5 dBW @1639.9269 MHz
Min: -113.12 dBW @1644.015 MHz **Ave:** -112.3755 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 2200.00MHz to 2700.00MHz

336



Max: -85.87 dBW @2422.4449 MHz

Min: -91.5 dBW @2276.1523 MHz

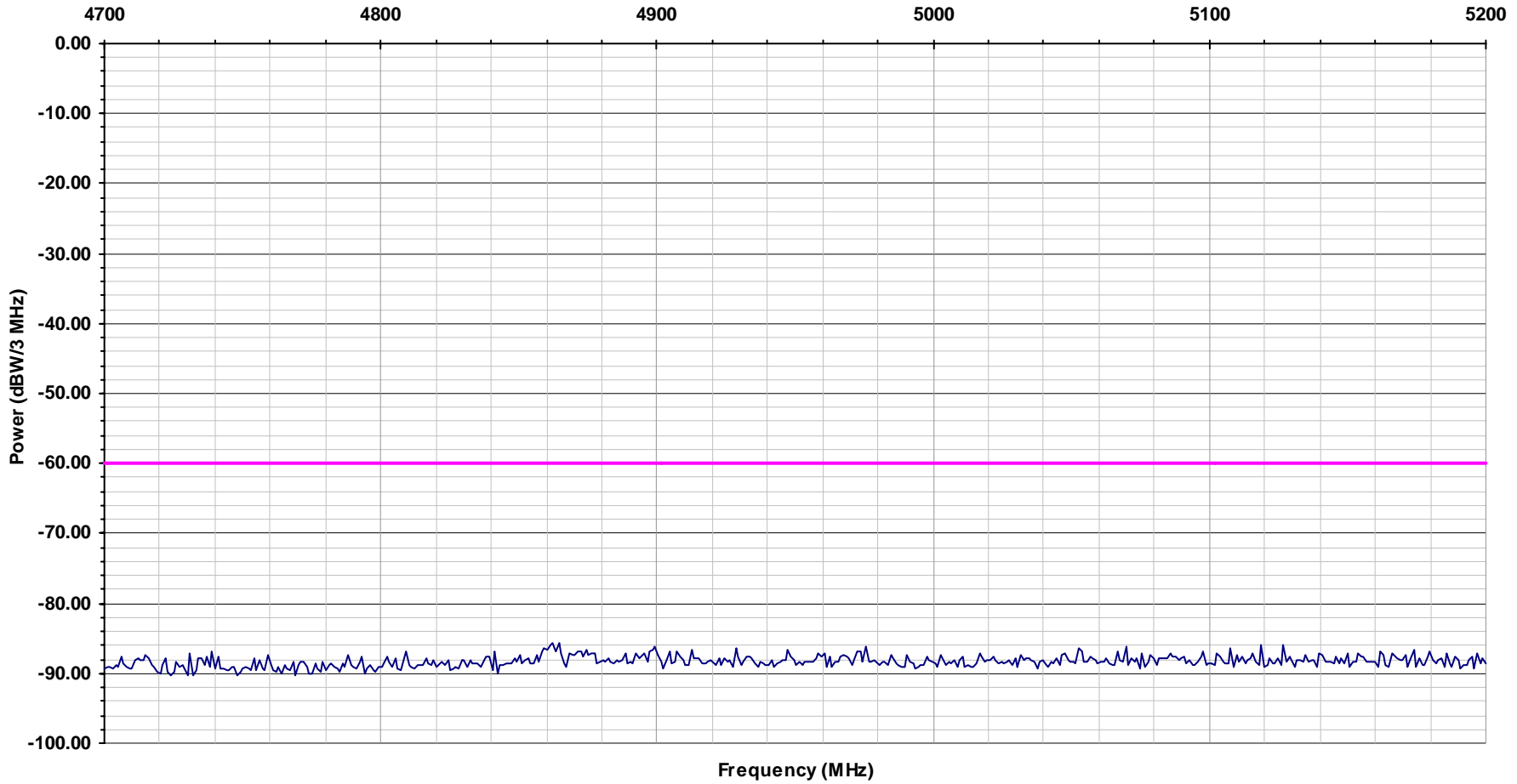
Ave: -89.2513 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 4700.00MHz to 5200.00MHz

341



Max: -85.56 dBW @4862.3246 MHz

Min: -90.37 dBW @4724.0481 MHz

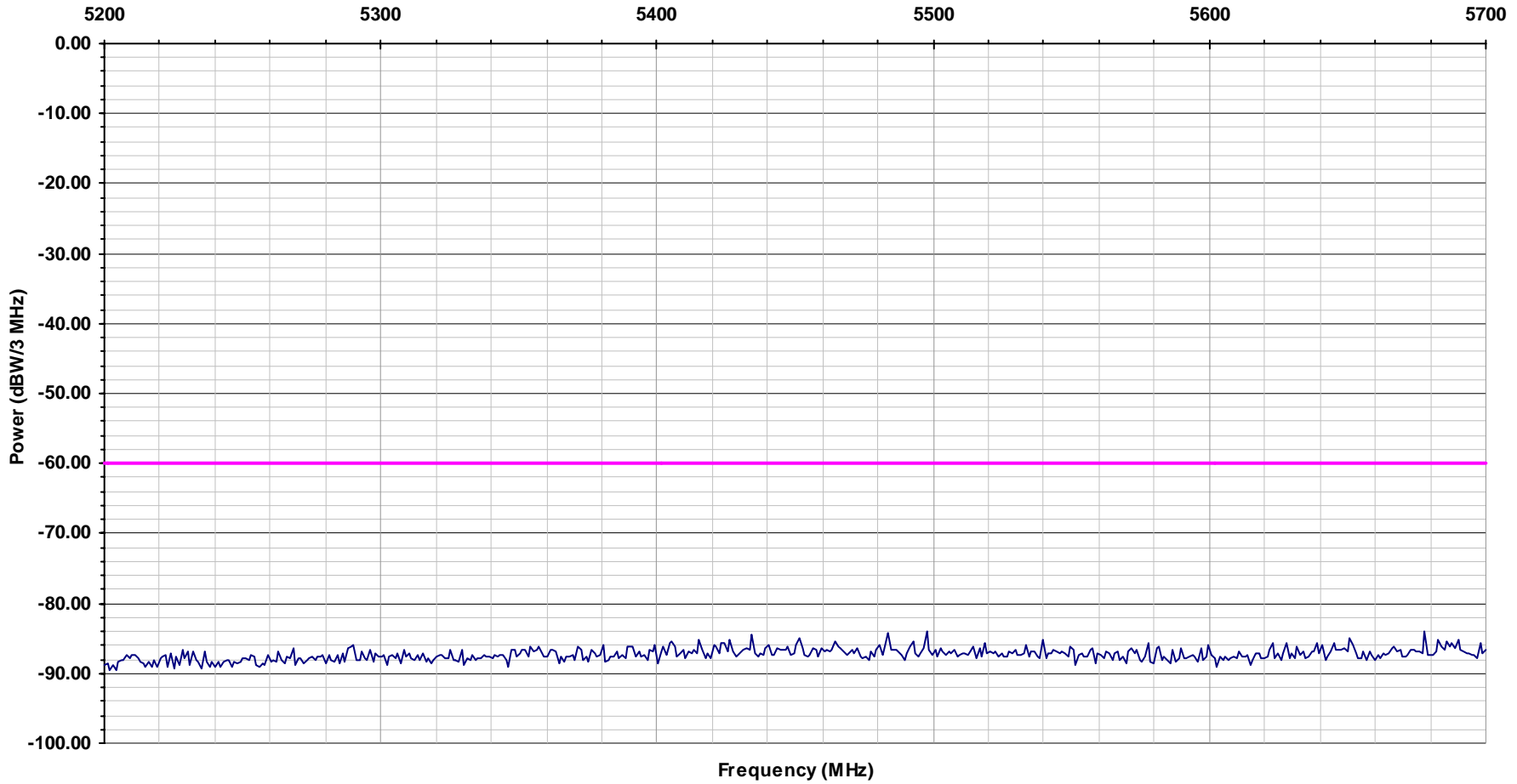
Ave: -88.3096 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 5200.00MHz to 5700.00MHz

342



Max: -83.88 dBW @5677.9559 MHz

Min: -89.66 dBW @5204.008 MHz

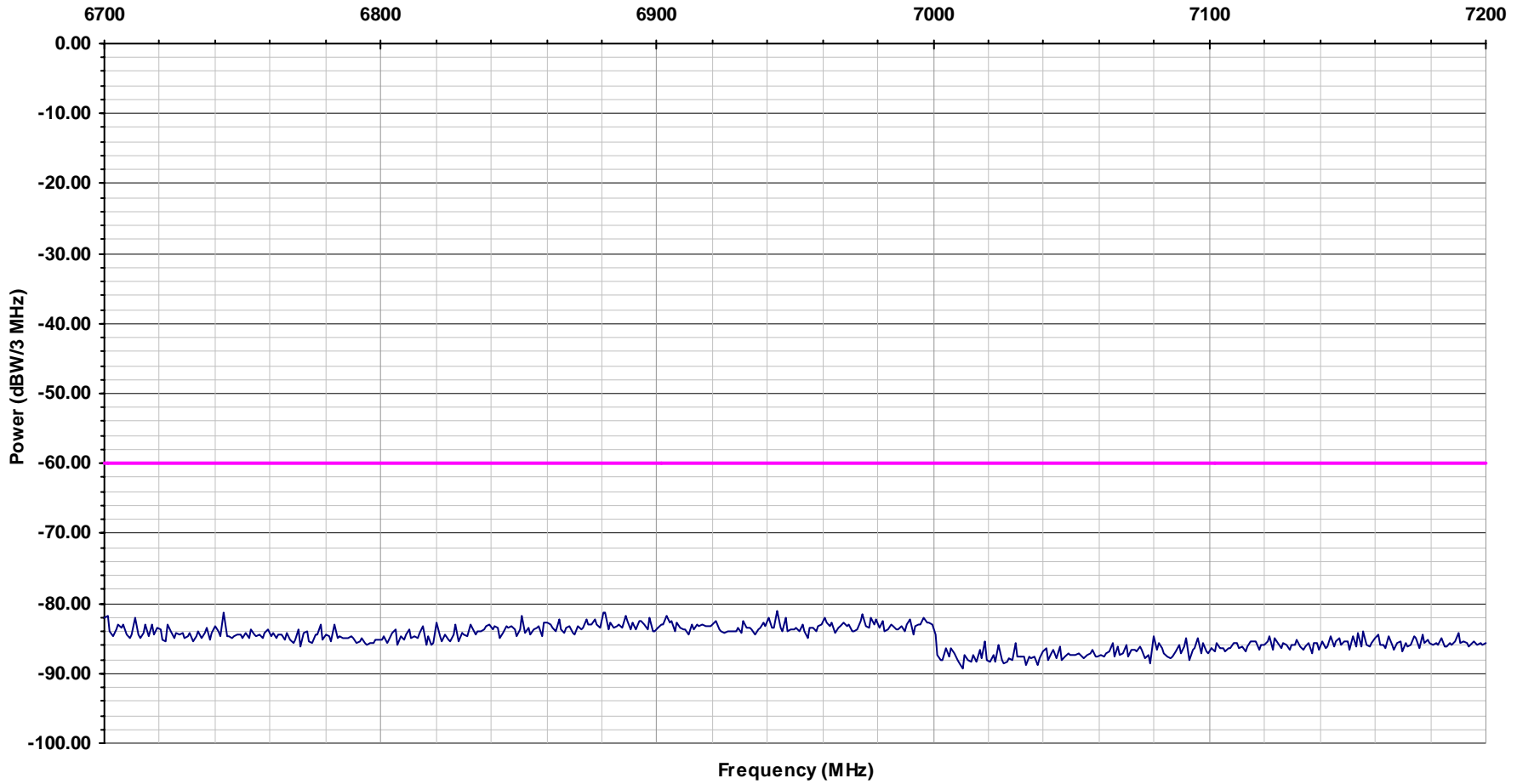
Ave: -87.3107 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 6700.00MHz to 7200.00MHz

345



Max: -81.17 dBW @6943.487 MHz

Min: -89.2 dBW @7010.6212 MHz

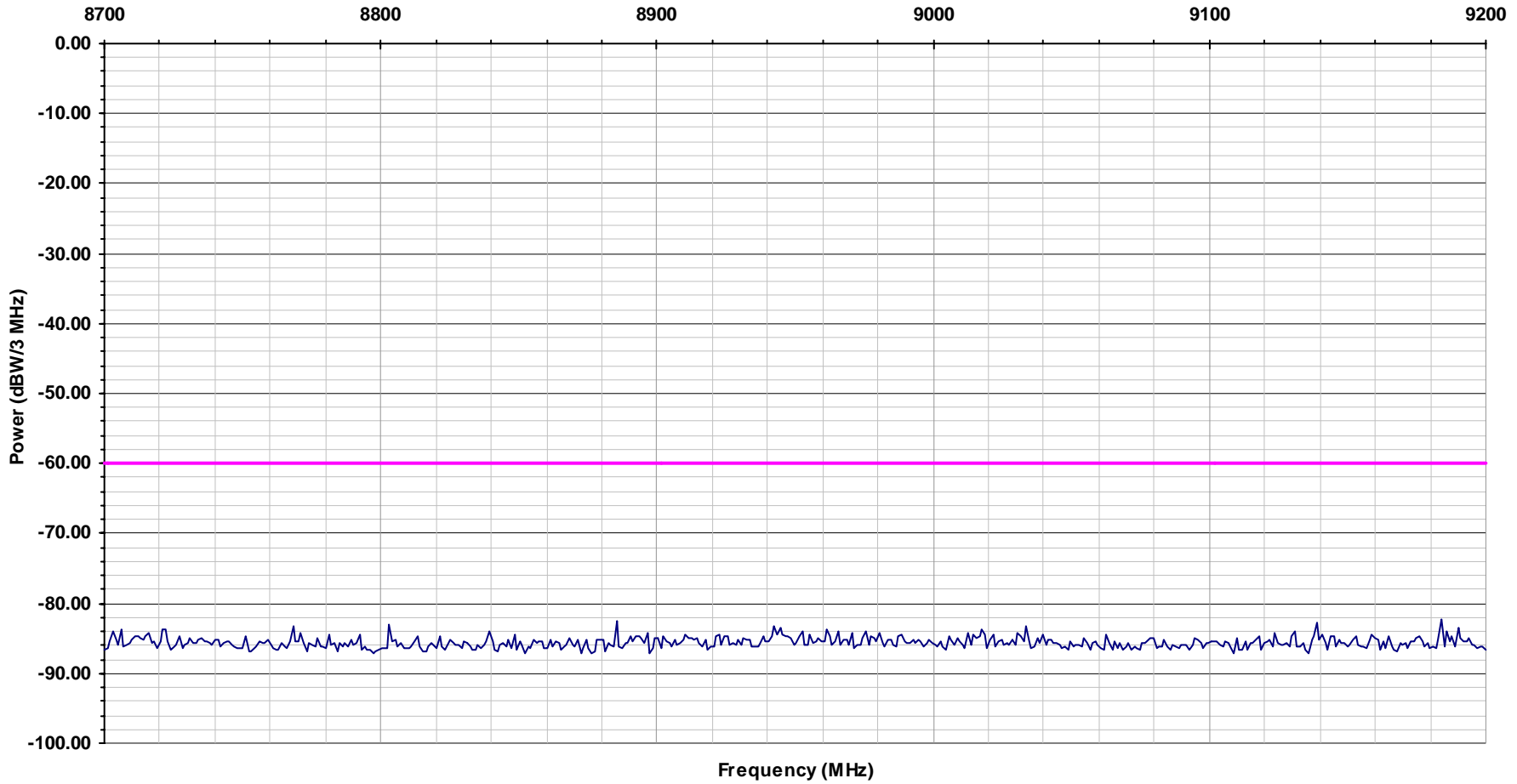
Ave: -84.9092 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 8700.00MHz to 9200.00MHz

349



Max: -82.3 dBW @9183.9679 MHz

Min: -87.2 dBW @9135.8717 MHz

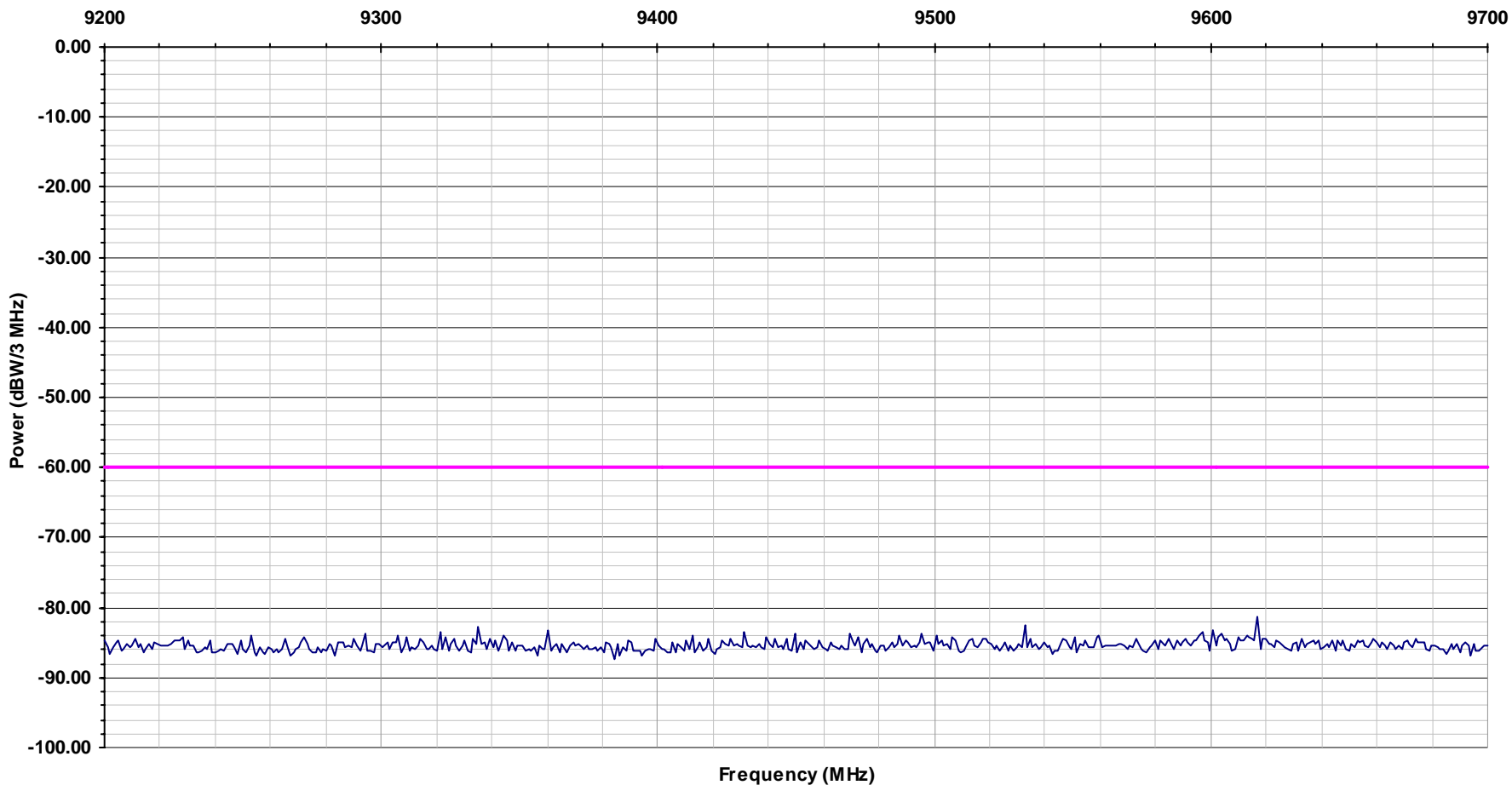
Ave: -85.6128 dBW

PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 9200.00MHz to 9700.00MHz

350

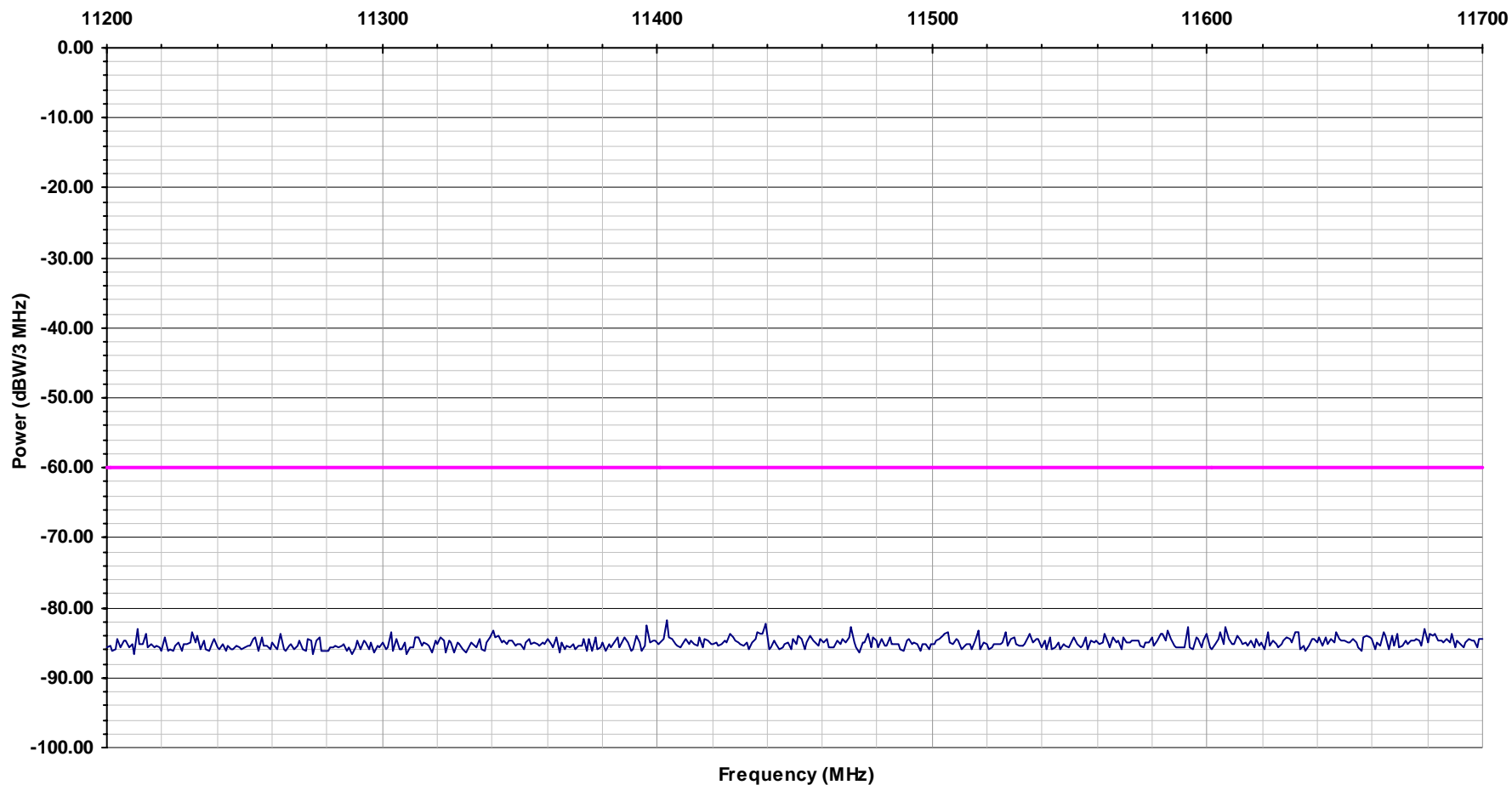


PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: ETSI Out-of-band RX Emissions: 11200.00MHz to 11700.00MHz

354



Globalstar Compliance Lab Data Plots



Qualcomm GCK-1410 Hands Free Car Kit for MES used on the Globalstar System

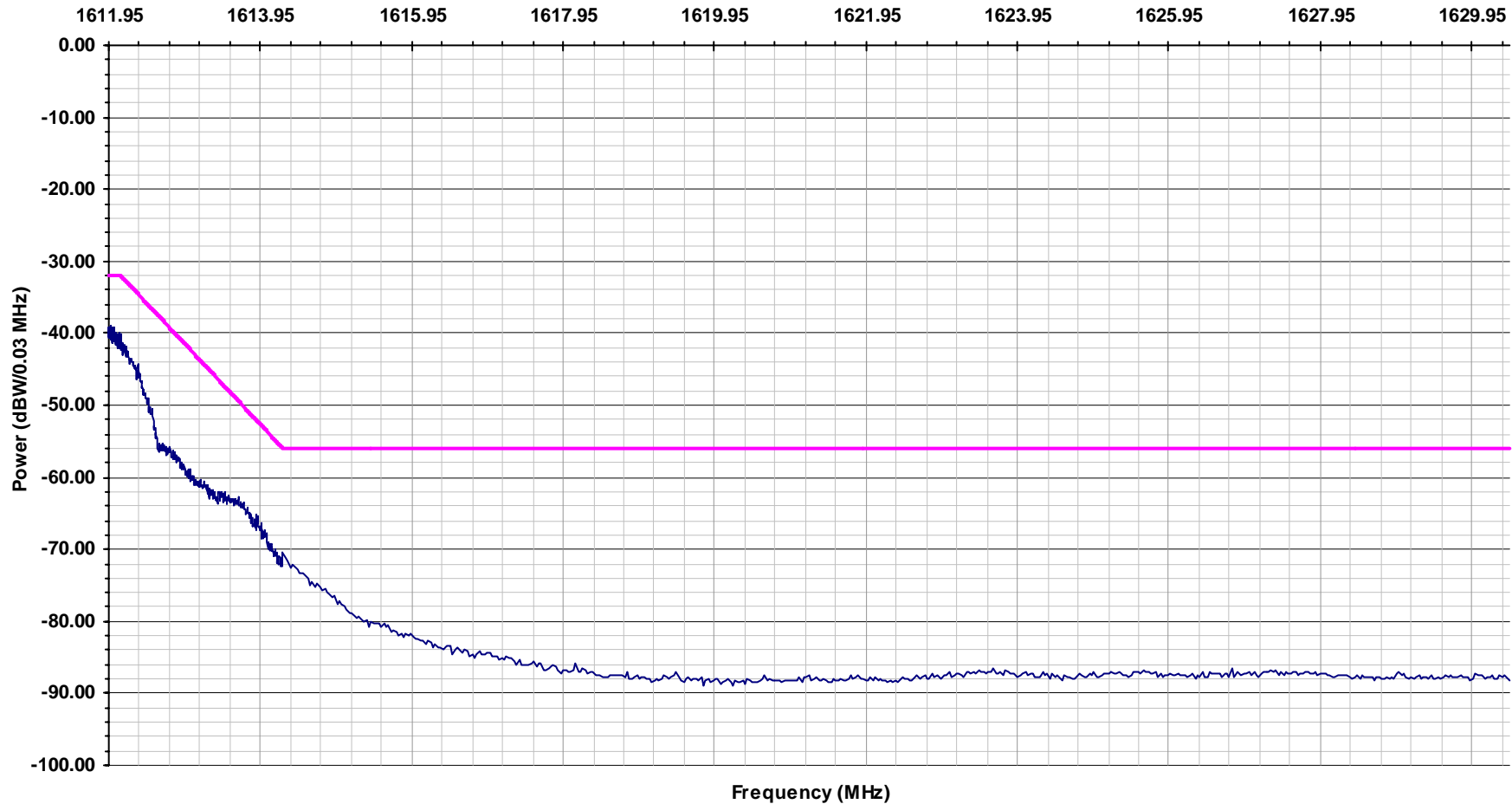
Annex A - Conducted Test Data

PlotTitle

Plot Number

Channel# 4 @ 25.00°C, 16.00V: In-band TX Emissions Table 4: 1611.95 to 1630.45 MHz (Offset: 0.00 to 18.50 Mhz)

1



Max: -38.85 dBW @1611.9687 MHz

Min: -88.84 dBW @1619.8051 MHz

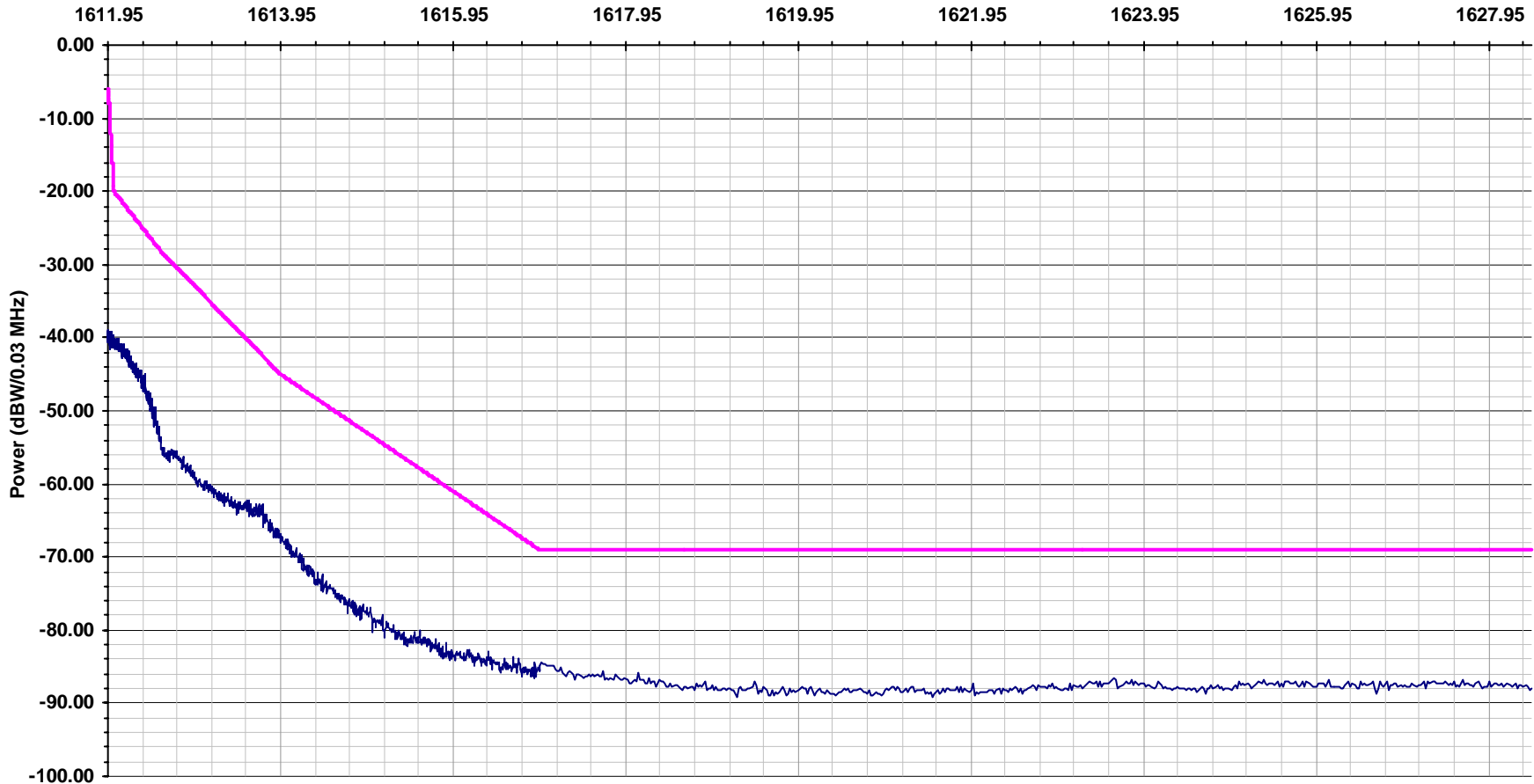
Ave: -61.9731 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: In-band TX Emissions Table 5: 1611.95 to 1628.45 MHz (Offset: 0.00 to 16.50 Mhz)

2



Max: -38.85 dBW @1611.9546 MHz

Min: -89.1 dBW @1619.2352 MHz

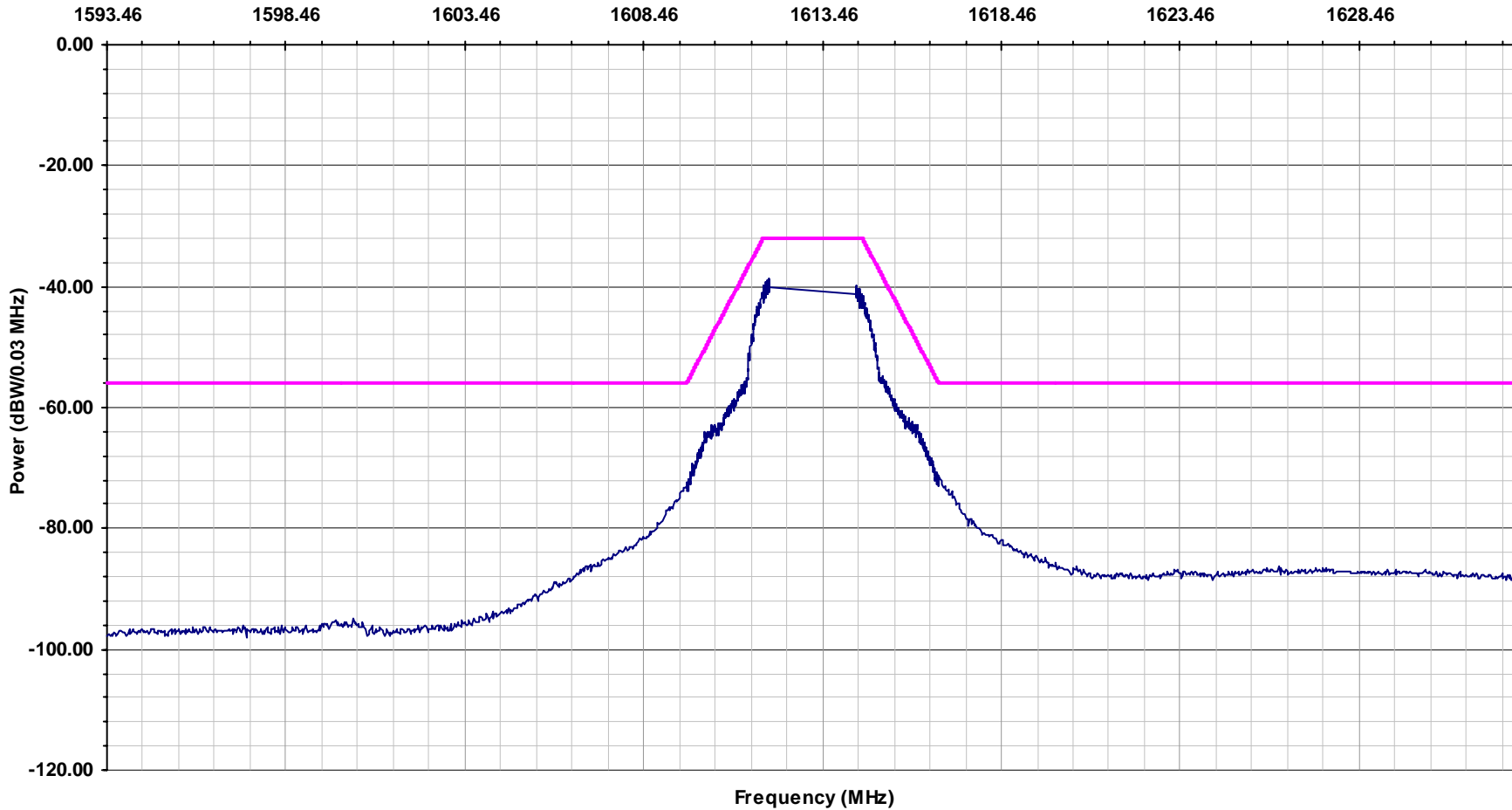
Ave: -62.7869 dBW

PlotTitle

Plot Number

Channel# 86 @25.00°C, 16.00V: In-band TX Emissions Table 4: 1595.91 to 1632.91 MHz (Offset: -18.50 to 18.50 Mhz)

79



Max: -38.78 dBW @1611.9559 MHz

Min: -98.08 dBW @1597.3594 MHz

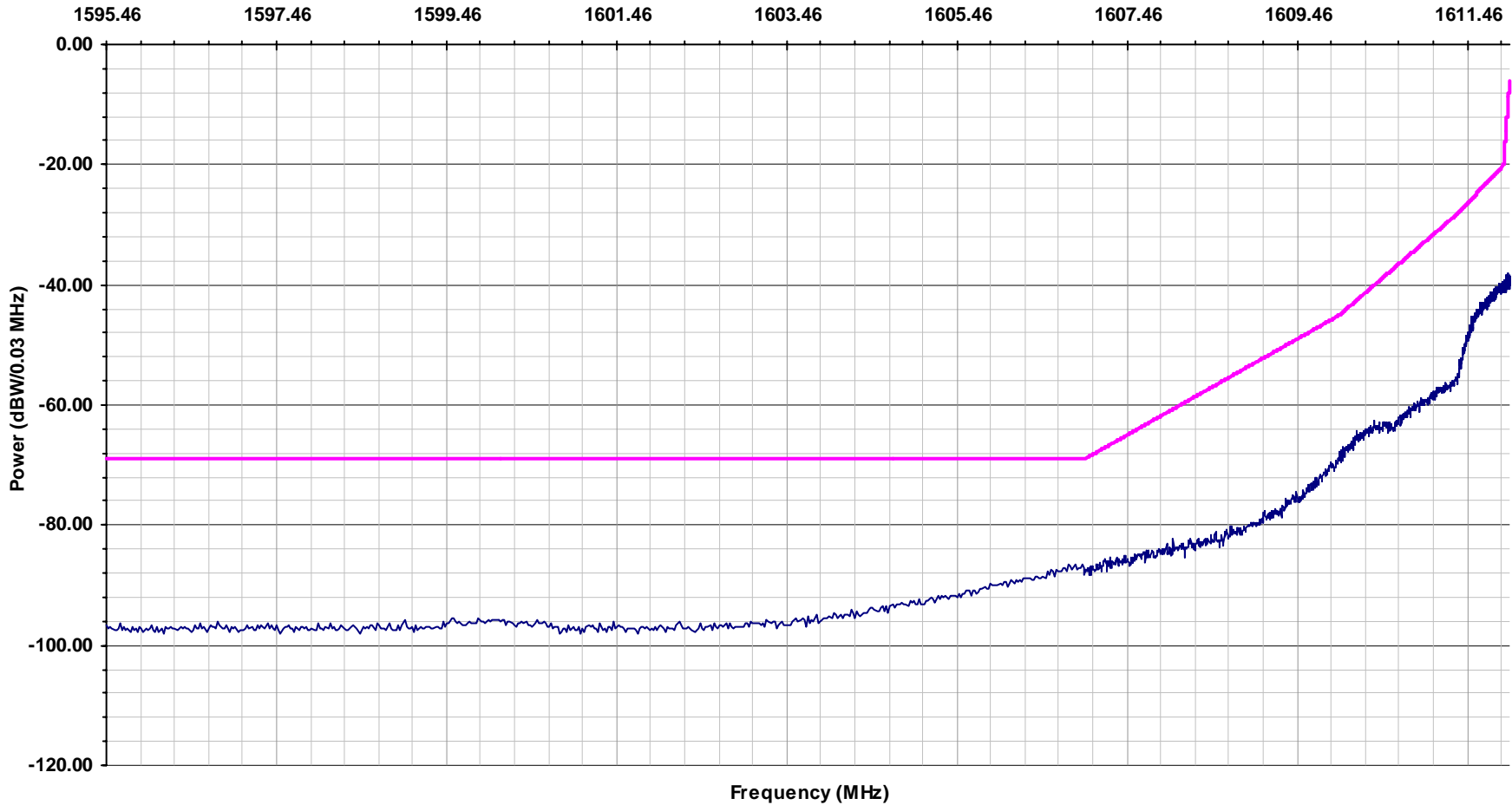
Ave: -63.4826 dBW

PlotTitle

Plot Number

Channel# 86 @25.00°C, 16.00V: In-band TX Emissions Table 5: 1595.46 to 1611.96 MHz (Offset: -16.50 to 0.00 Mhz)

80



Max: -38.16 dBW @1611.9395 MHz

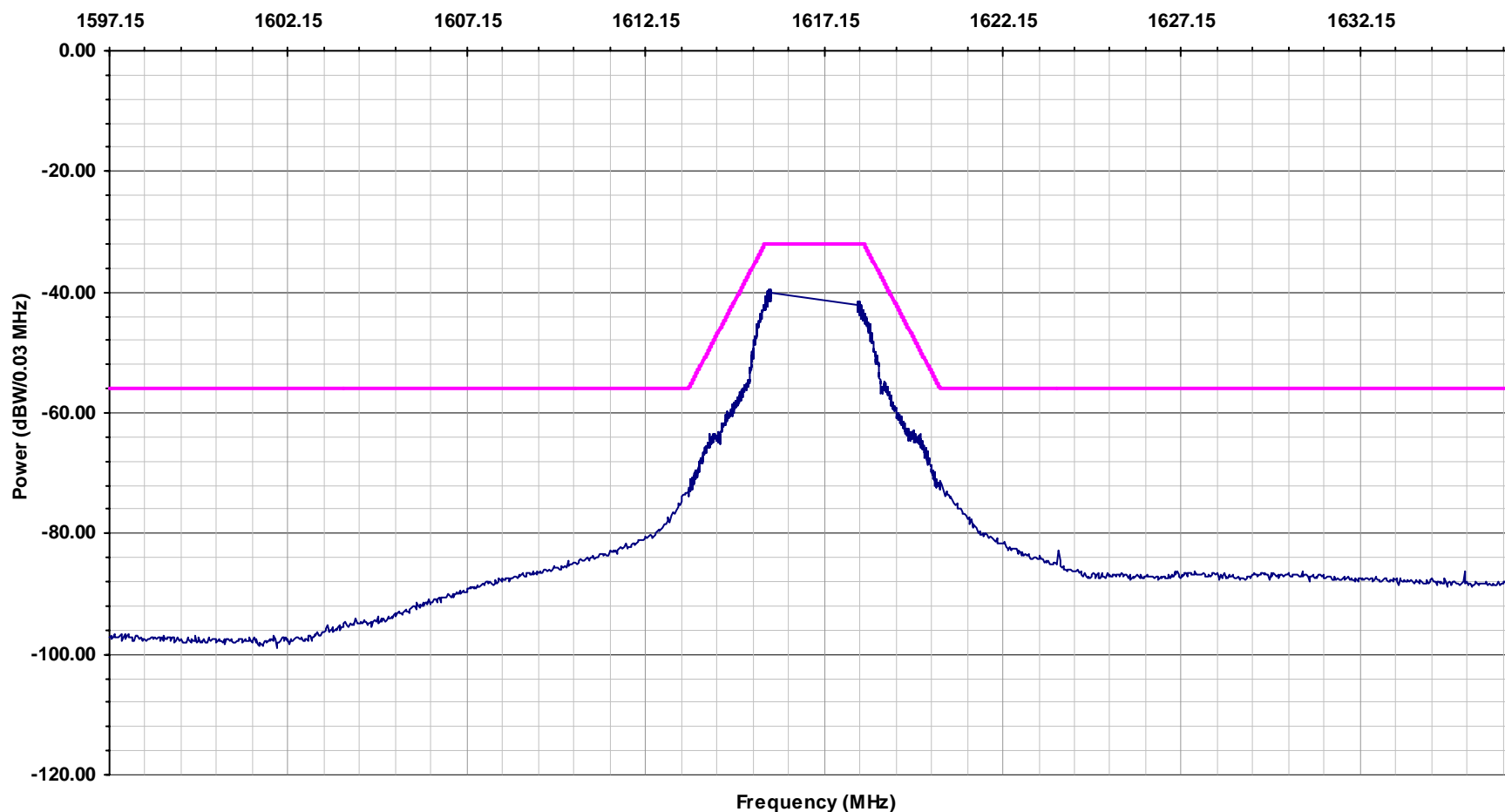
Min: -98.17 dBW @1601.0408 MHz Ave: -64.6492 dBW

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: In-band TX Emissions Table 4: 1599.60 to 1636.60 MHz (Offset: -18.50 to 18.50 Mhz)

85



Max: -39.39 dBW @1615.6148 MHz

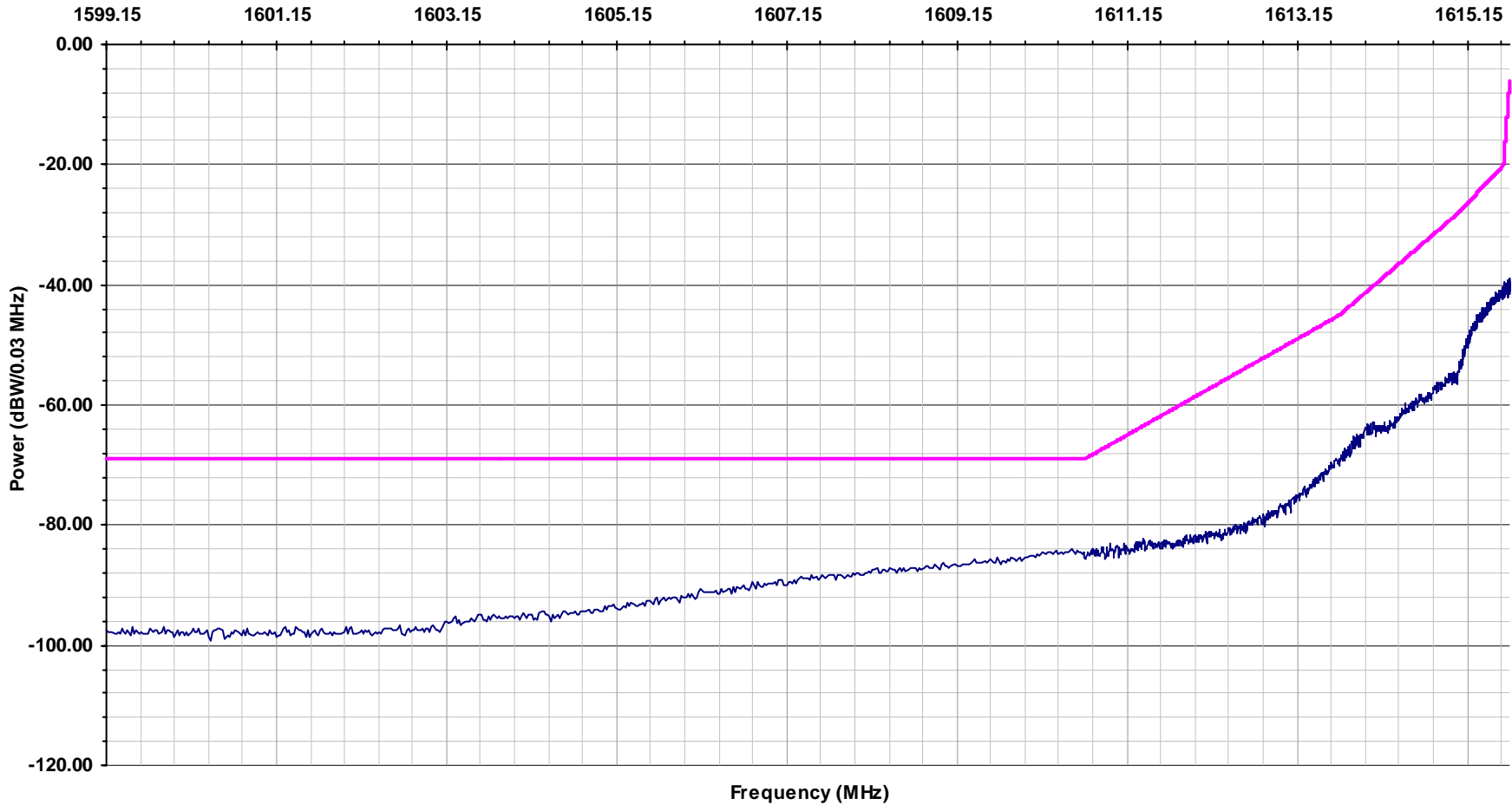
Min: -98.96 dBW @1601.8286 MHz Ave: -63.5719 dBW

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: In-band TX Emissions Table 5: 1599.15 to 1615.65 MHz (Offset: -16.50 to 0.00 Mhz)

86



Max: -39.07 dBW @1615.6445 MHz

Min: -99.32 dBW @1600.3751 MHz

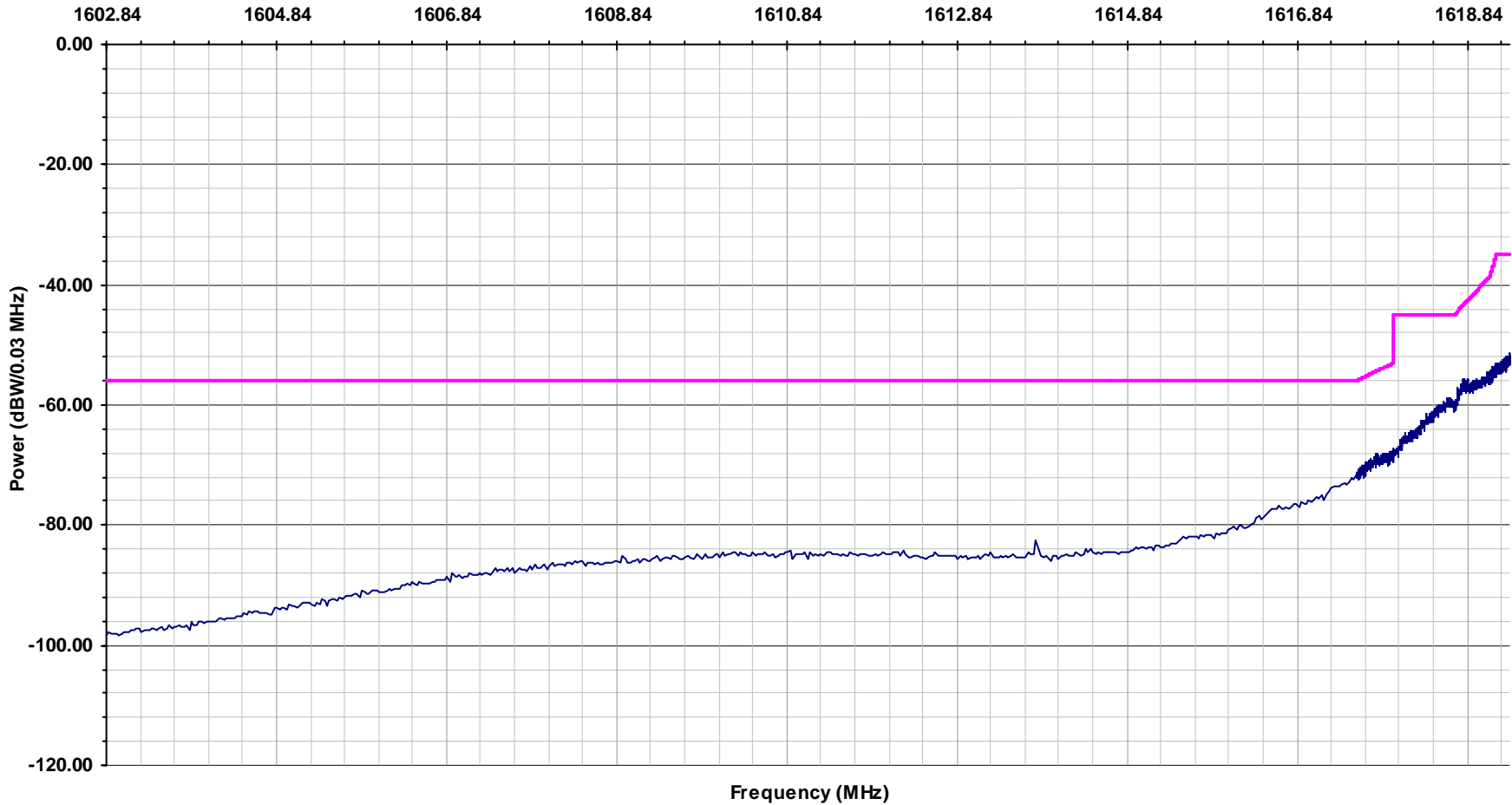
Ave: -64.2515 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 Mhz)

97



Max: -51.47 dBW @1619.341 MHz

Min: -98.32 dBW @1602.9909 MHz

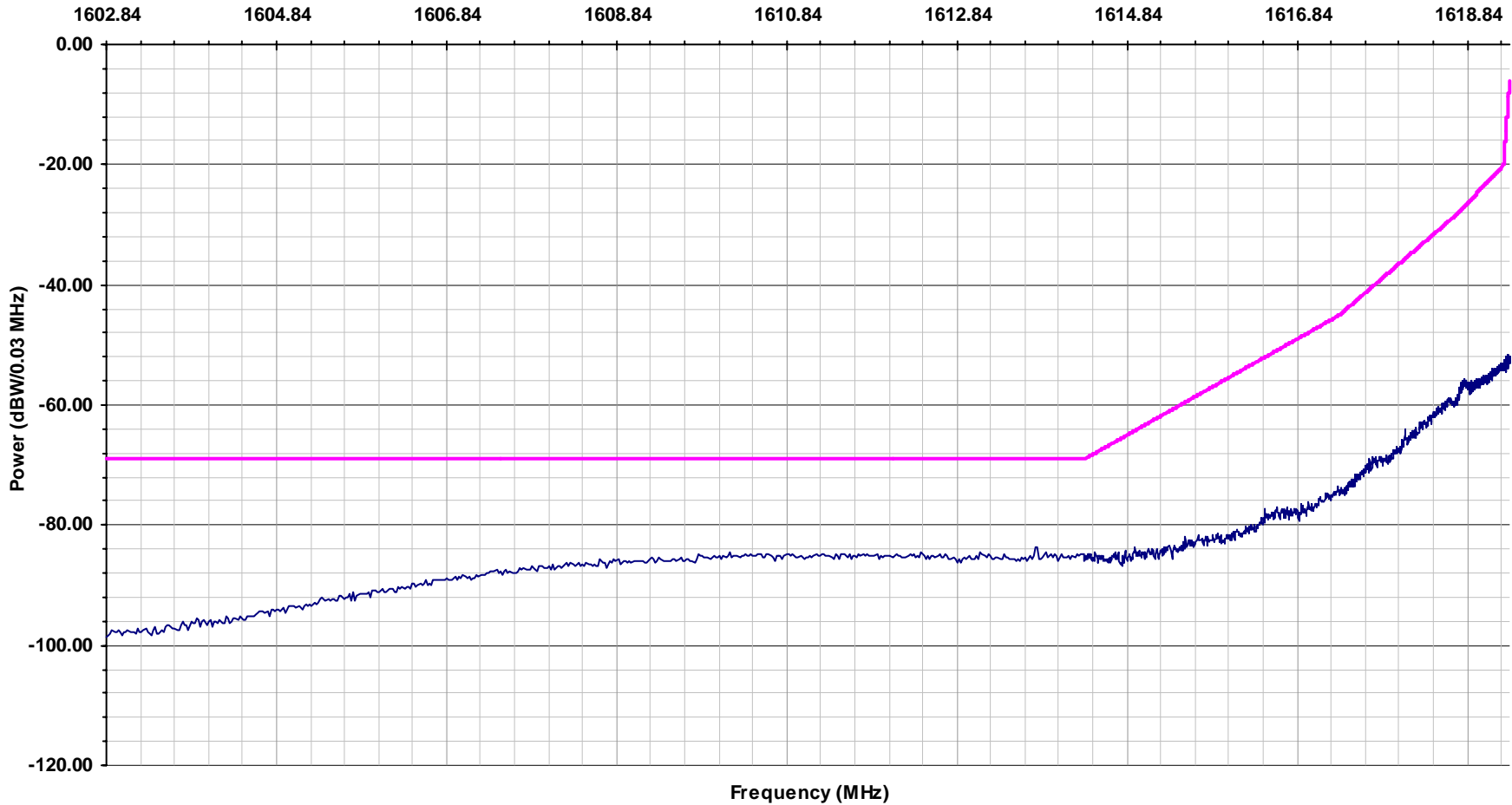
Ave: -64.1286 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 5: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 Mhz)

99



Max: -51.63 dBW @1619.3304 MHz

Min: -98.54 dBW @1602.8436 MHz

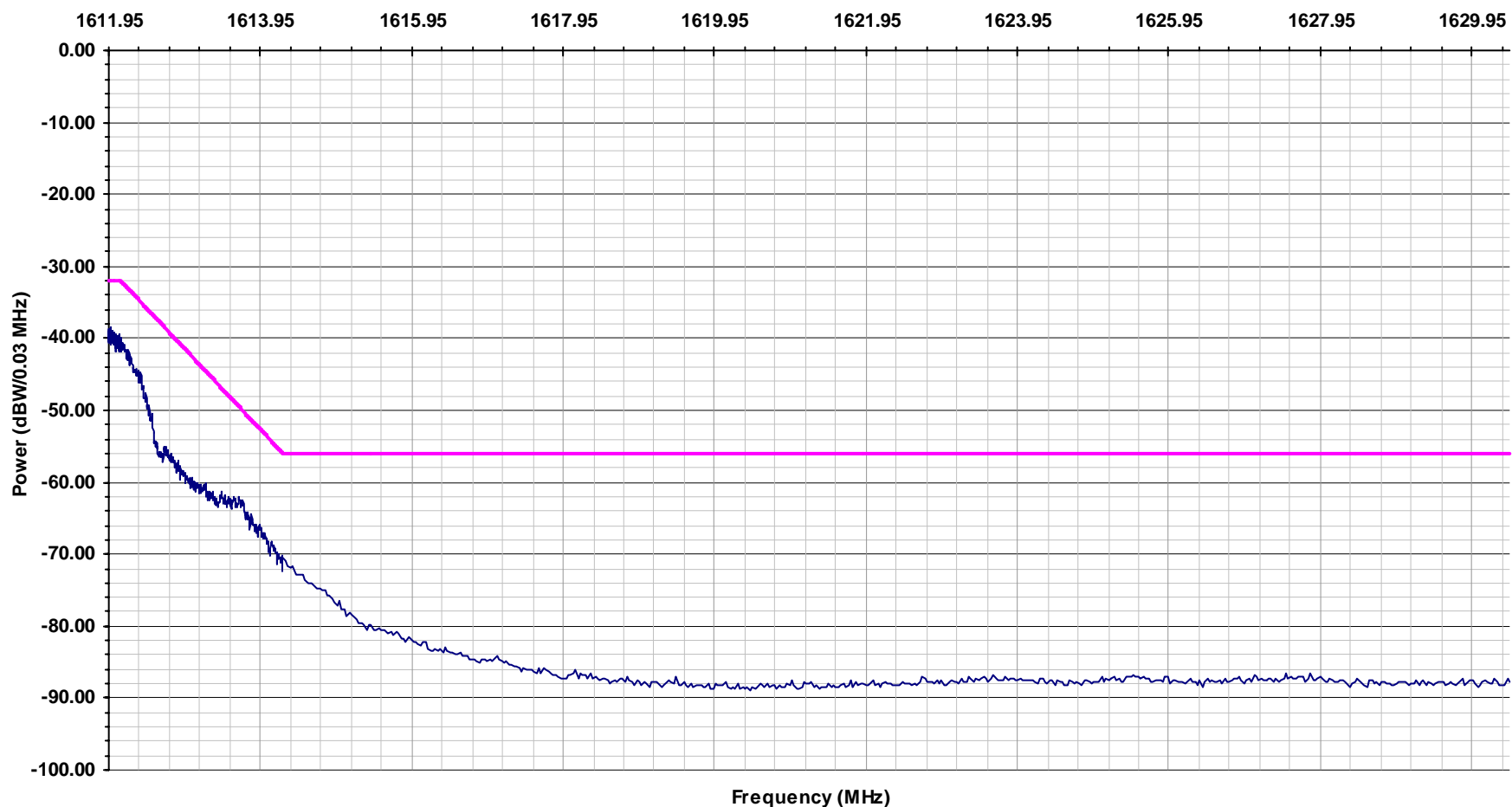
Ave: -69.1667 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: In-band TX Emissions Table 4: 1611.95 to 1630.45 MHz (Offset: 0.00 to 18.50 Mhz)

179



Max: -38.42 dBW @1611.971 MHz

Min: -88.84 dBW @1620.422 MHz

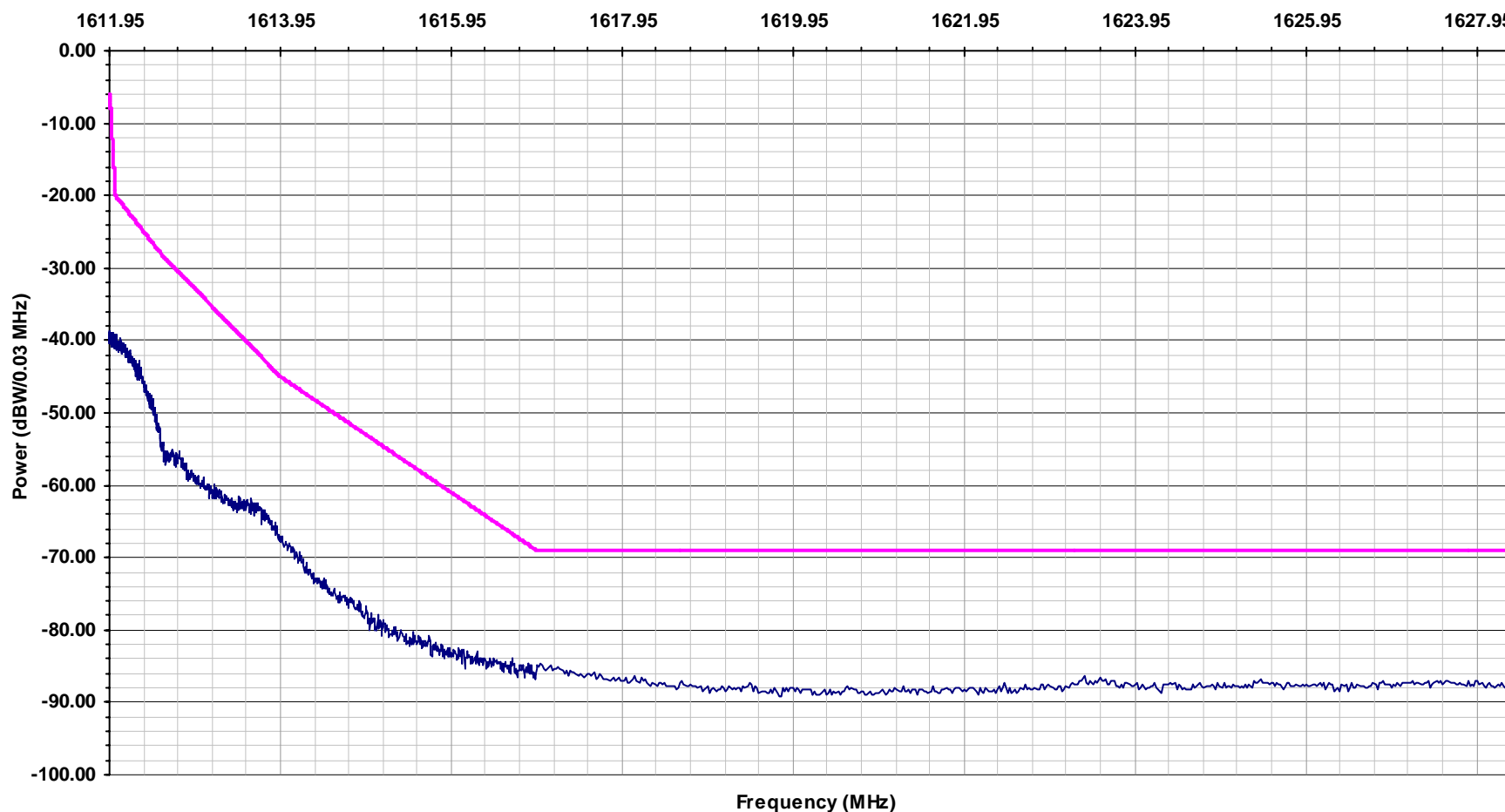
Ave: -61.8115 dBW

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: In-band TX Emissions Table 5: 1611.95 to 1628.45 MHz (Offset: 0.00 to 16.50 Mhz)

180



Max: -38.78 dBW @1611.9563 MHz

Min: -89.16 dBW @1619.8114 MHz

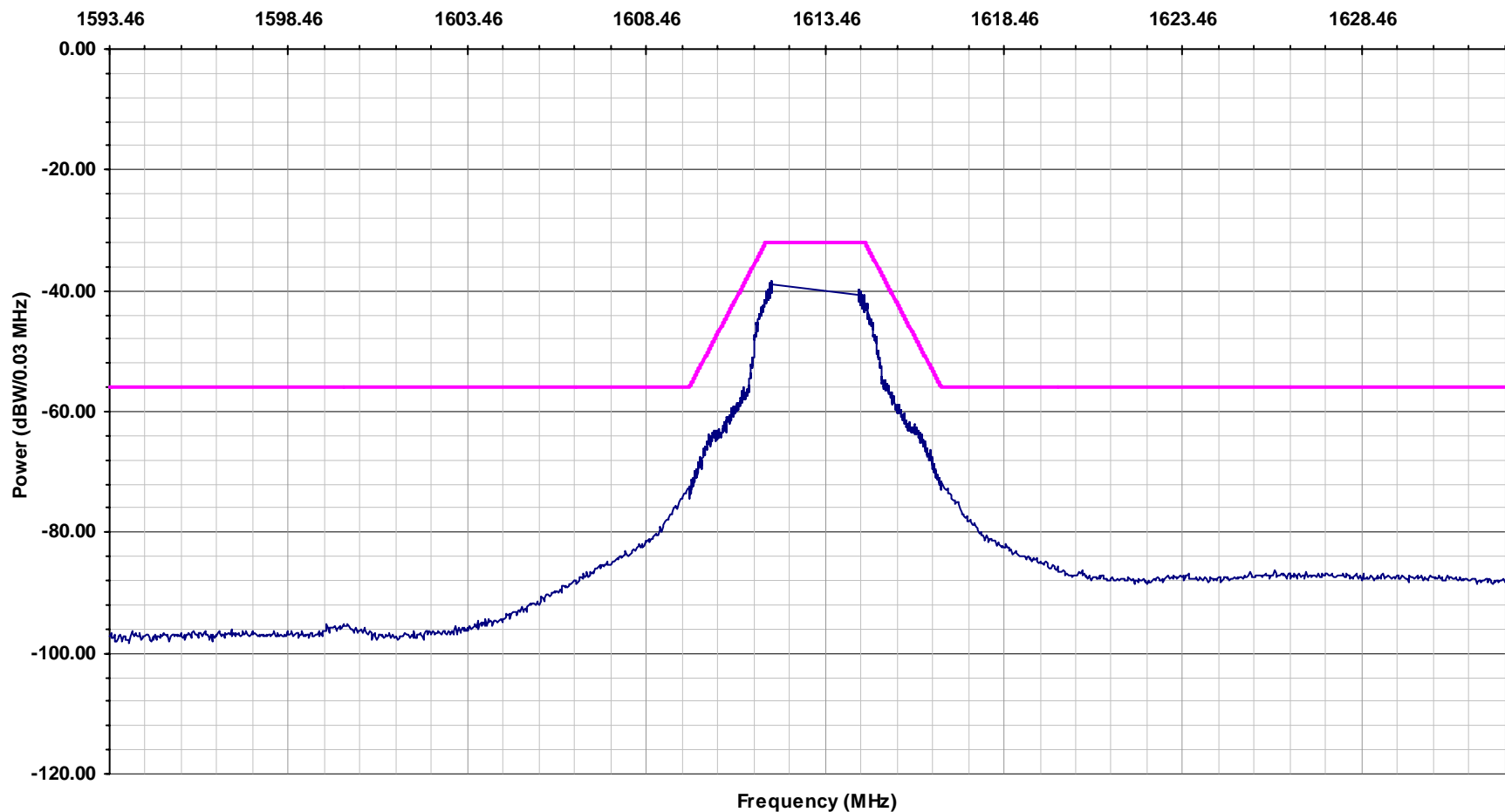
Ave: -62.6457 dBW

PlotTitle

Plot Number

Channel# 86 @25.00°C, 10.50V: In-band TX Emissions Table 4: 1595.91 to 1632.91 MHz (Offset: -18.50 to 18.50 Mhz)

257



Max: -38.27 dBW @1611.9546 MHz

Min: -98.31 dBW @1594.0155 MHz

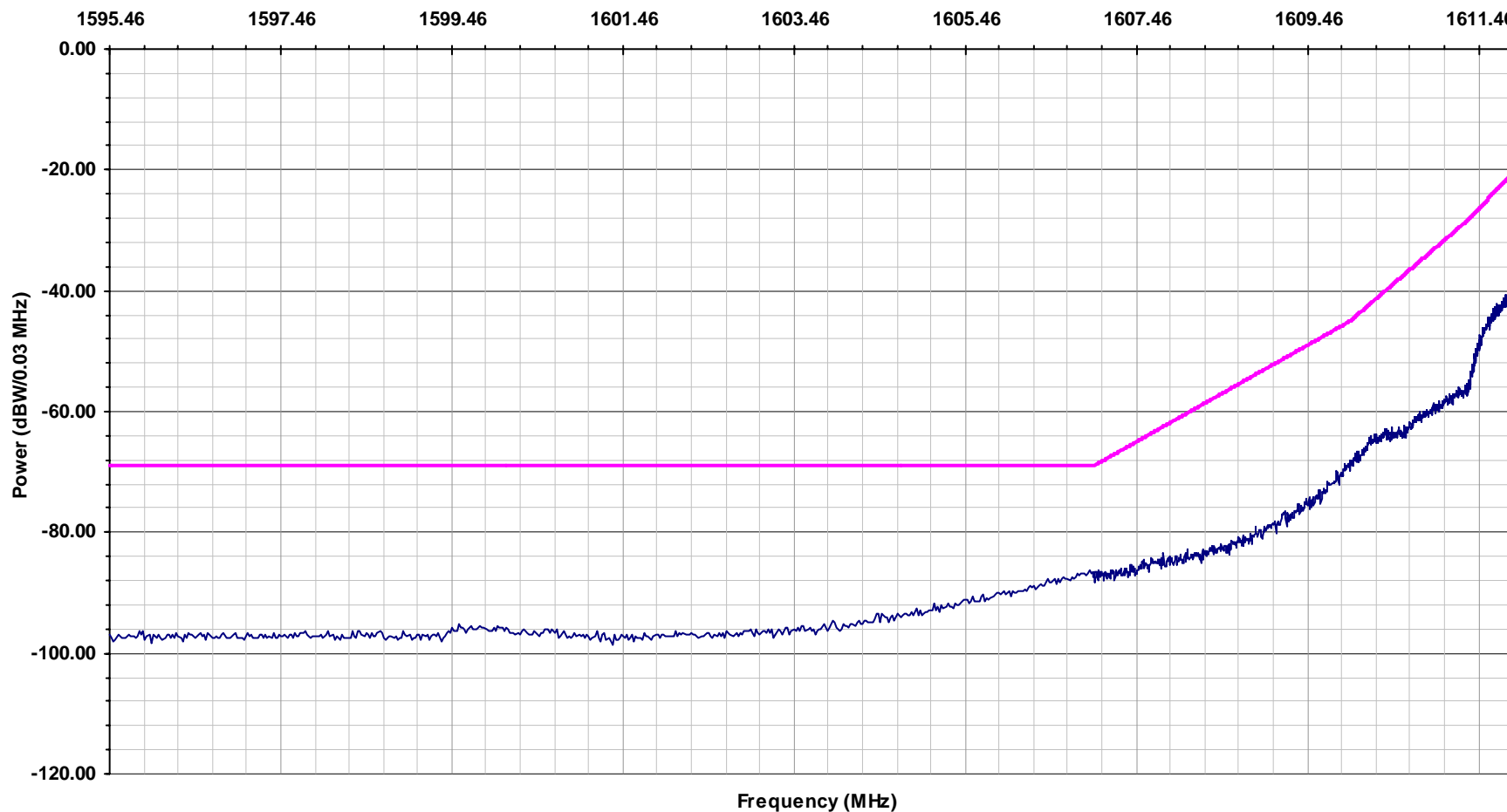
Ave: -63.4731 dBW

PlotTitle

Plot Number

Channel# 86 @25.00°C, 10.50V: In-band TX Emissions Table 5: 1595.46 to 1611.96 MHz (Offset: -16.50 to 0.00 Mhz)

258



Max: -38.27 dBW @1611.9539 MHz

Min: -98.56 dBW @1601.3404 MHz

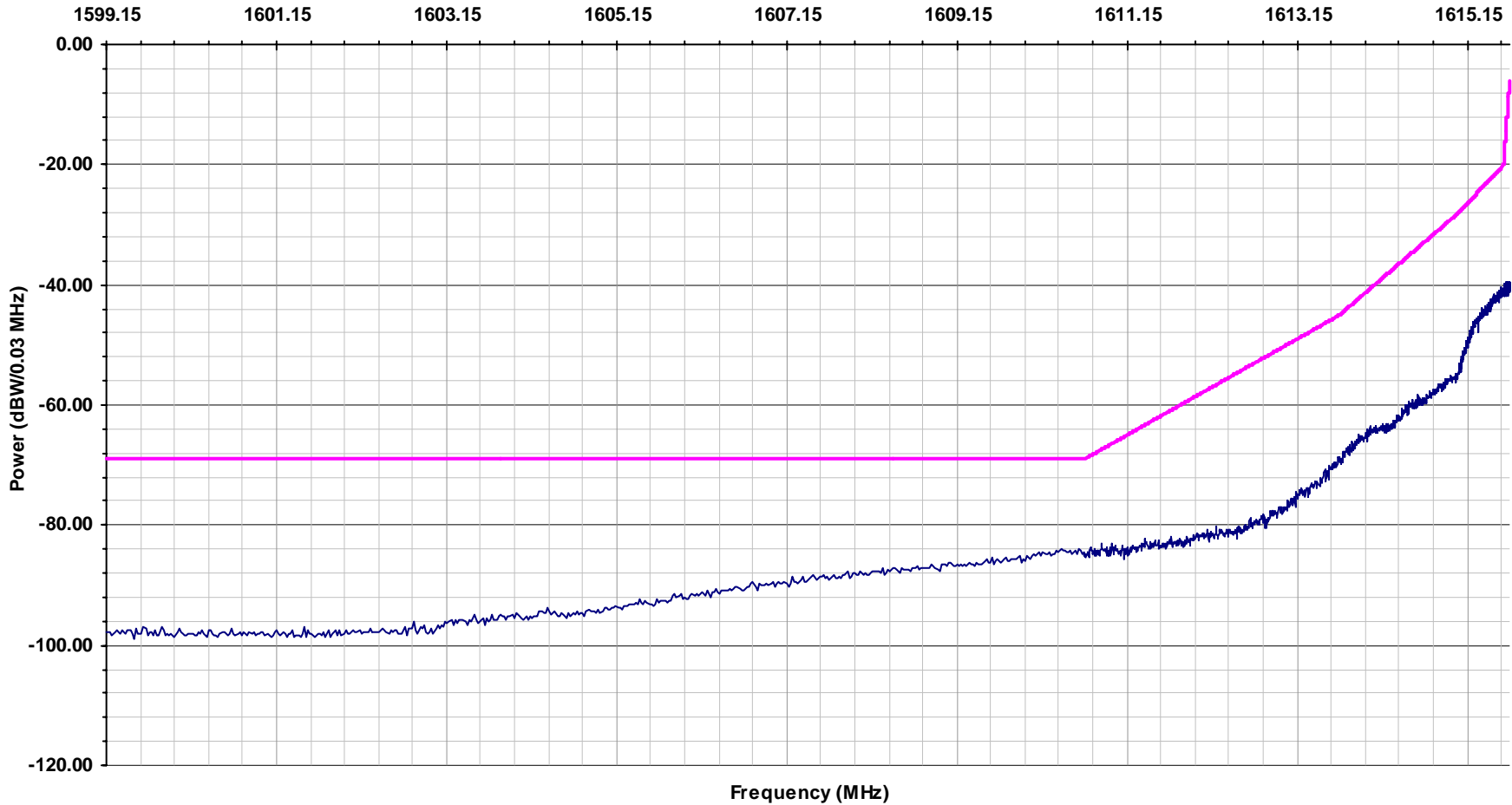
Ave: -64.7466 dBW

PlotTitle

Plot Number

Channel# 209 @25.00°C, 10.50V: In-band TX Emissions Table 5: 1599.15 to 1615.65 MHz (Offset: -16.50 to 0.00 Mhz)

264



Max: -39.49 dBW @1615.6312 MHz

Min: -98.87 dBW @1599.4763 MHz

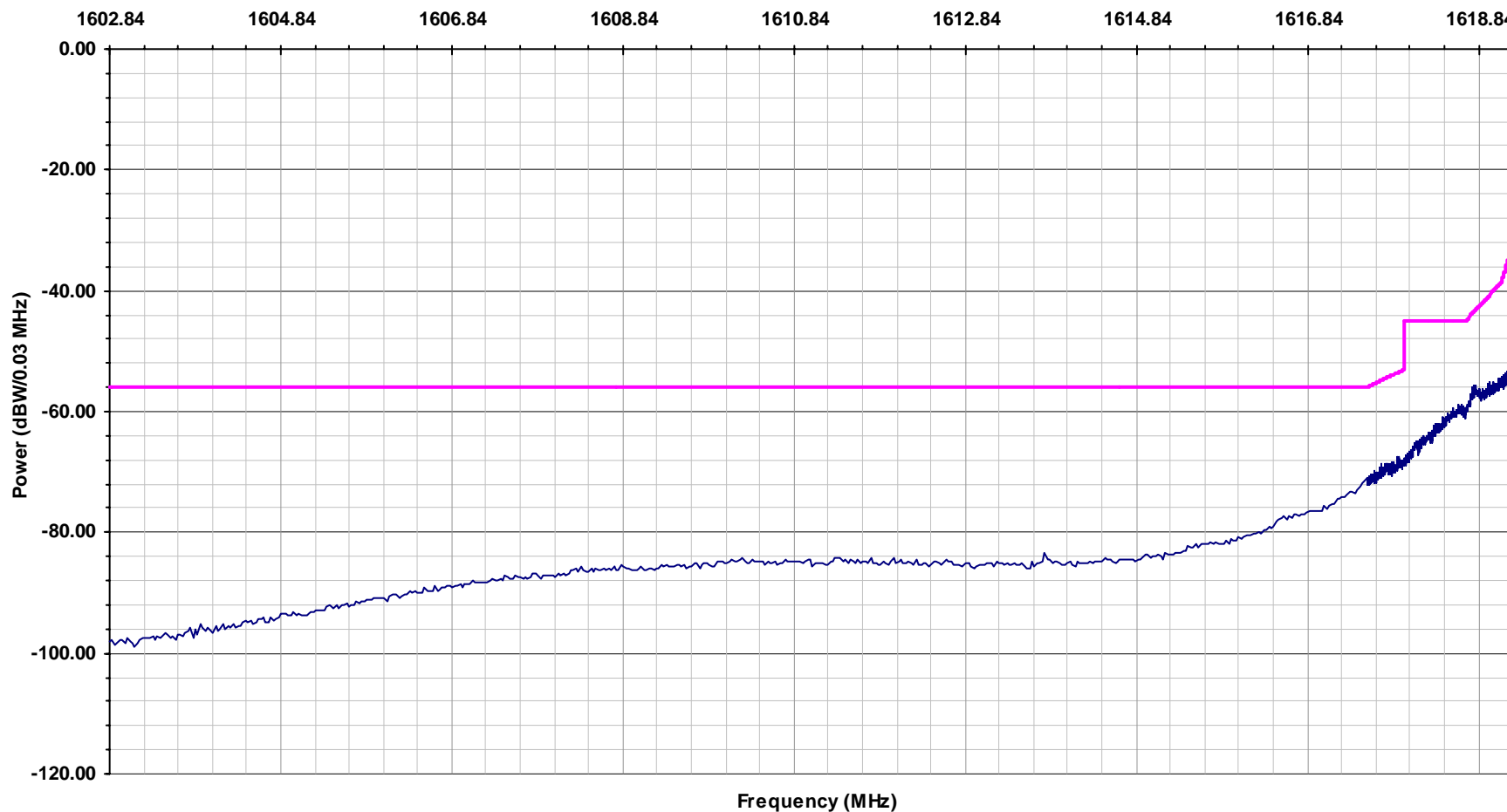
Ave: -64.3299 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: In-band TX Emissions Table 3: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 MHz)

275



Max: -51.57 dBW @1619.3308 MHz

Min: -98.89 dBW @1603.1382 MHz

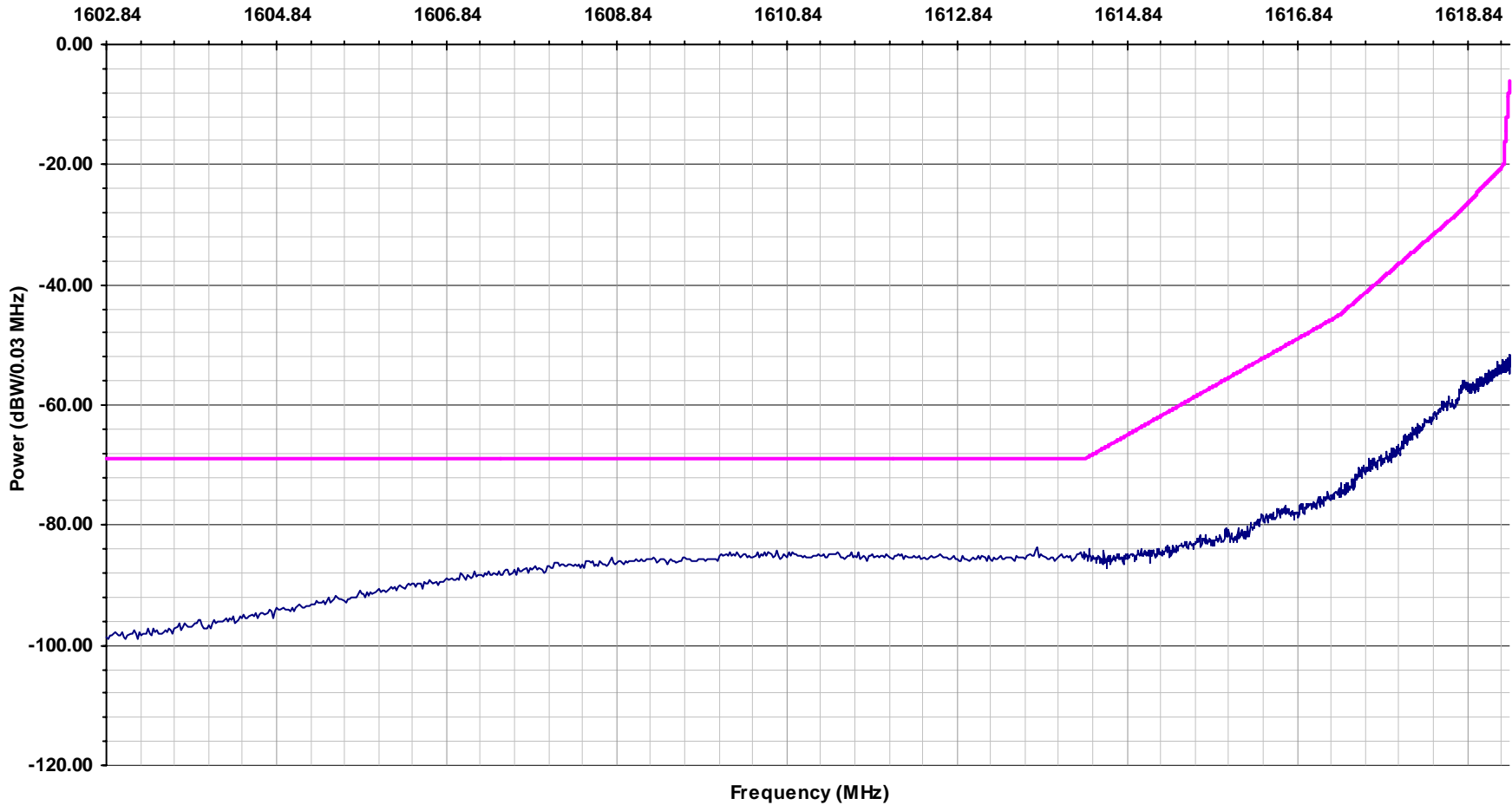
Ave: -64.1575 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: In-band TX Emissions Table 5: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 Mhz)

277



Max: -51.63 dBW @1619.3374 MHz

Min: -98.93 dBW @1603.2124 MHz

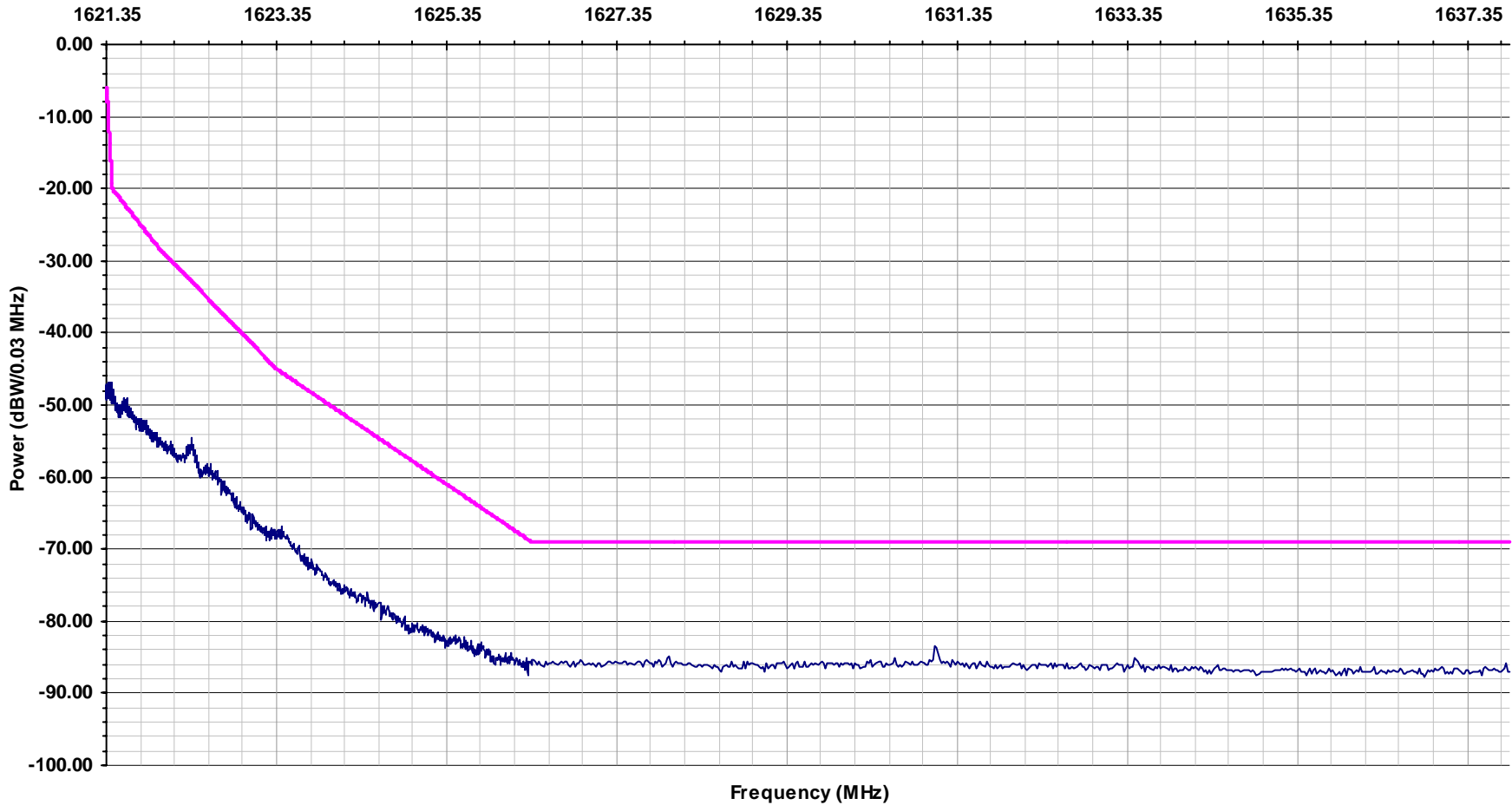
Ave: -69.2809 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: In-band TX Emissions Table 5: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

278



Max: -46.81 dBW @1621.3792 MHz

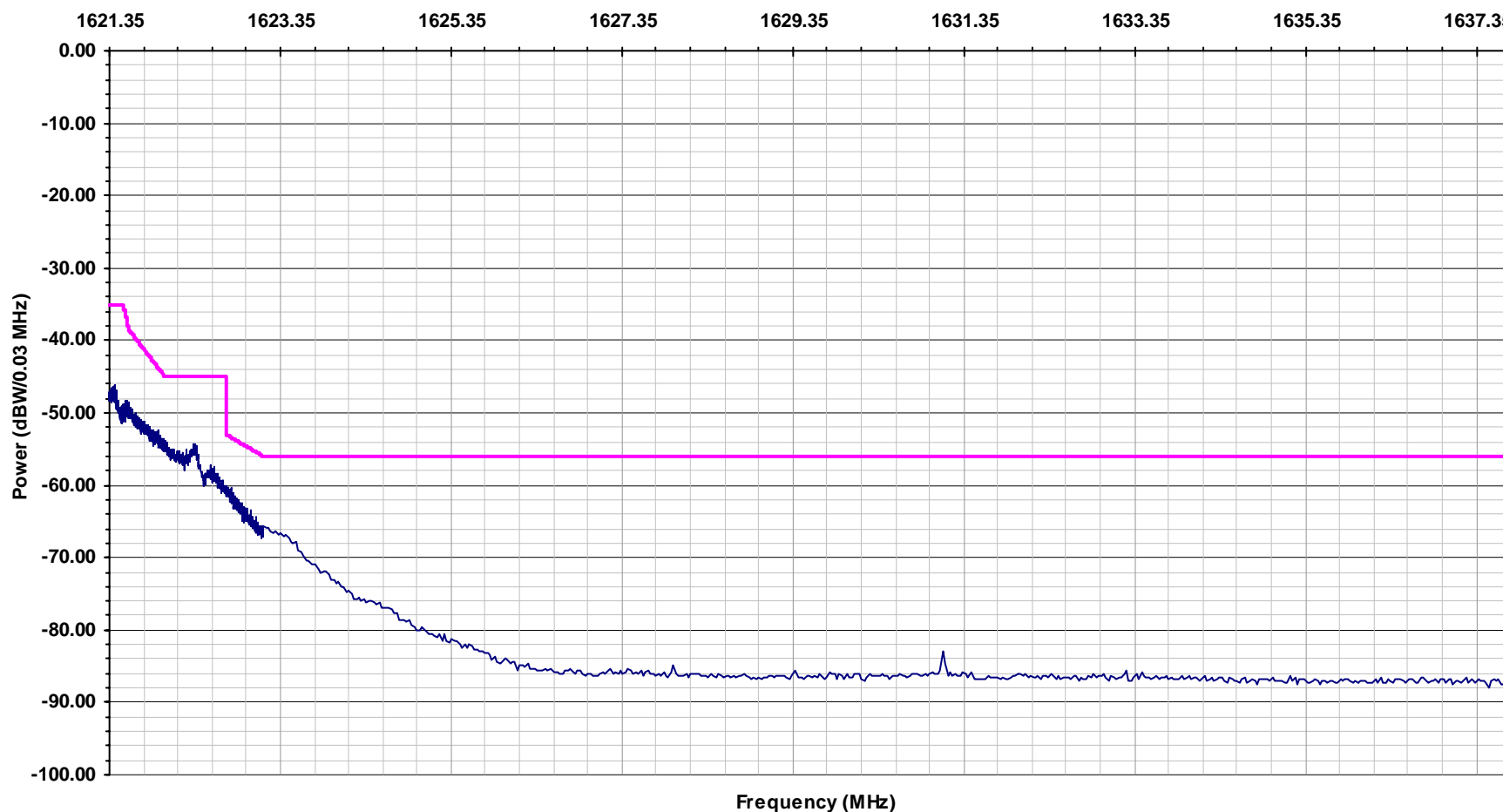
Min: -87.67 dBW @1636.8576 MHz Ave: -65.2811 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

358



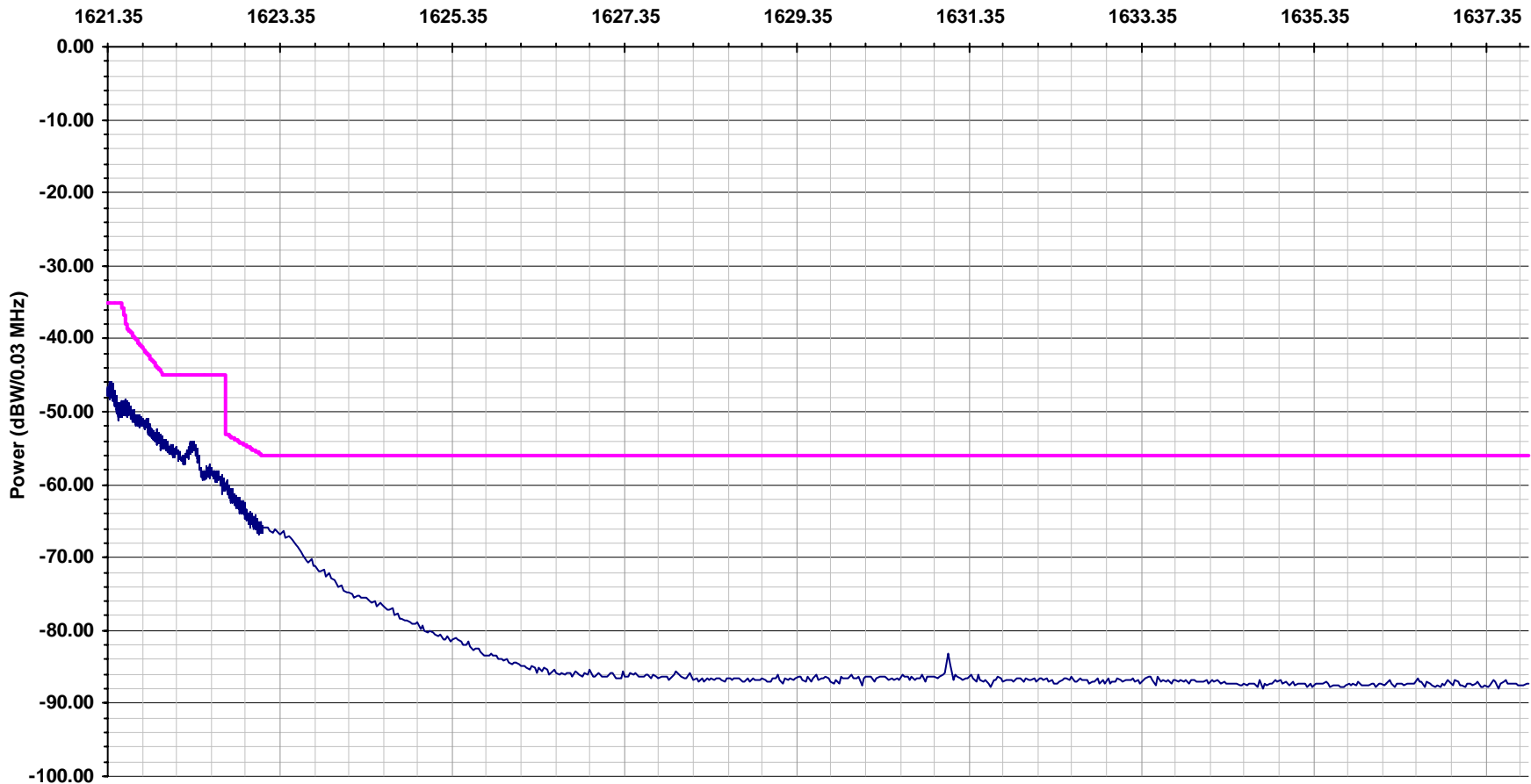
Max: -46.14 dBW @1621.4032 MHz
Min: -87.96 dBW @1637.4952 MHz Ave: -59.3843 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

361



Max: -45.99 dBW @1621.3677 MHz

Min: -88.04 dBW @1637.4953 MHz

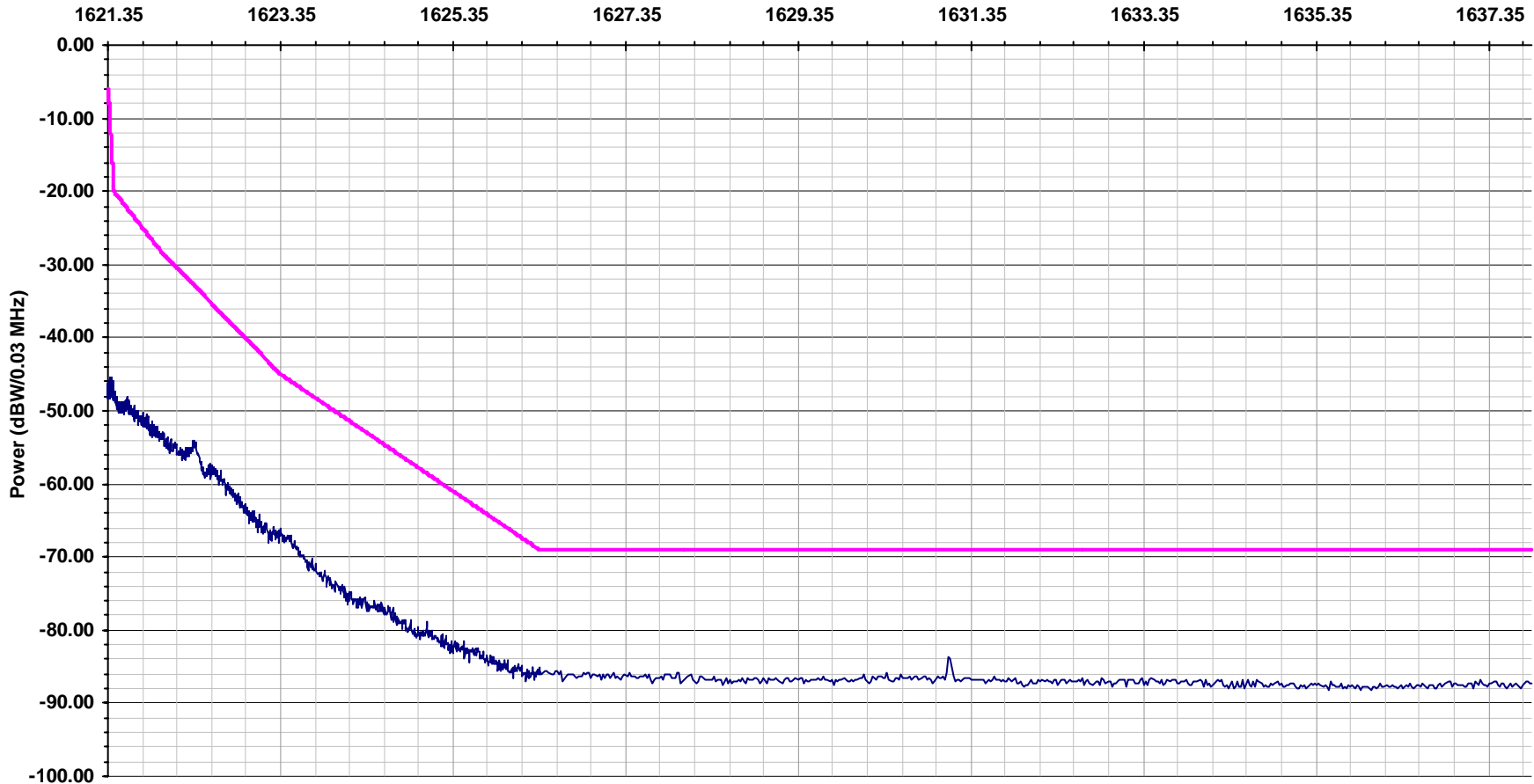
Ave: -59.1497 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 5: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

362



Max: -45.51 dBW @1621.3857 MHz

Min: -88.15 dBW @1635.4981 MHz

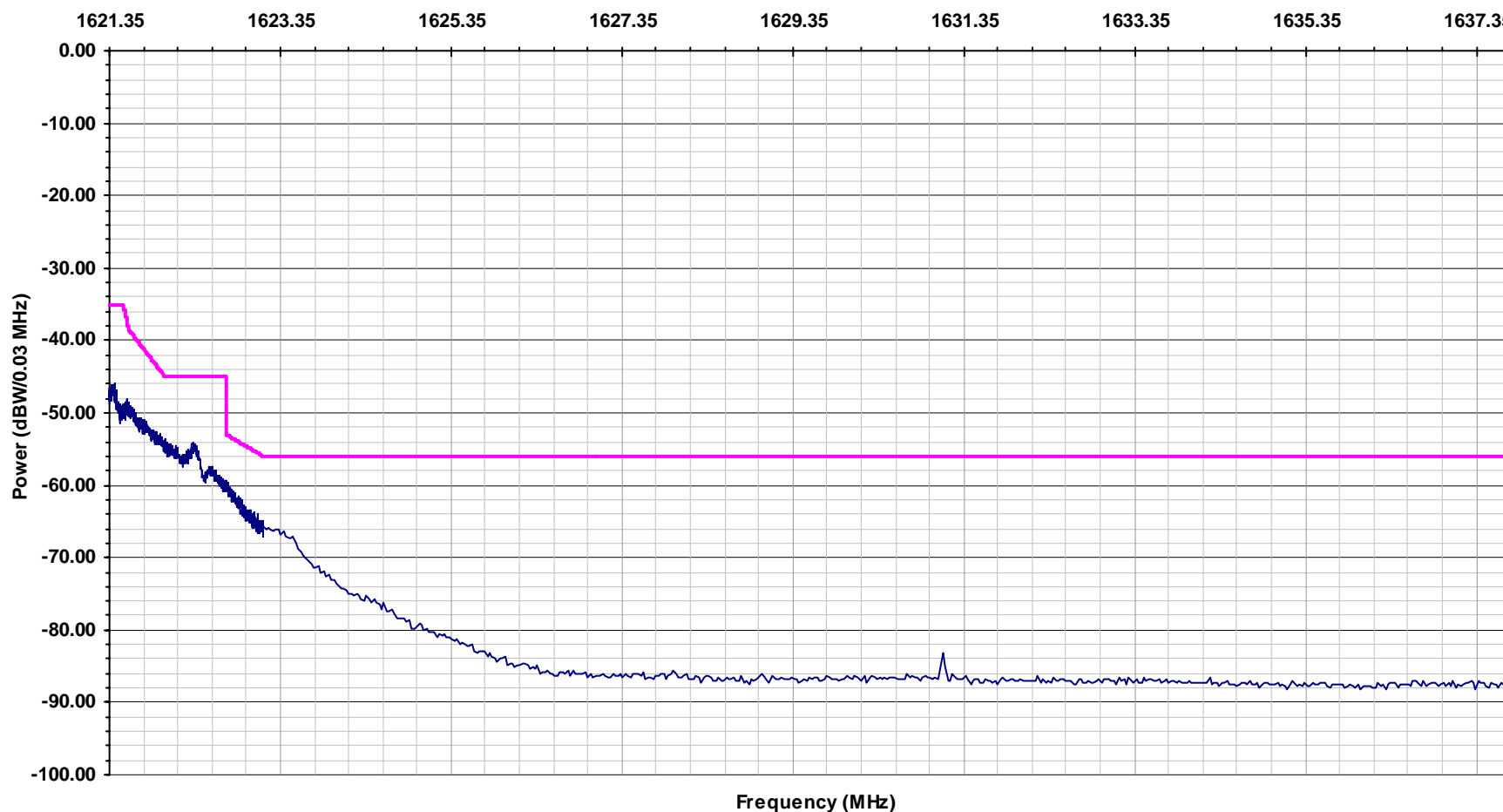
Ave: -64.6872 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

364



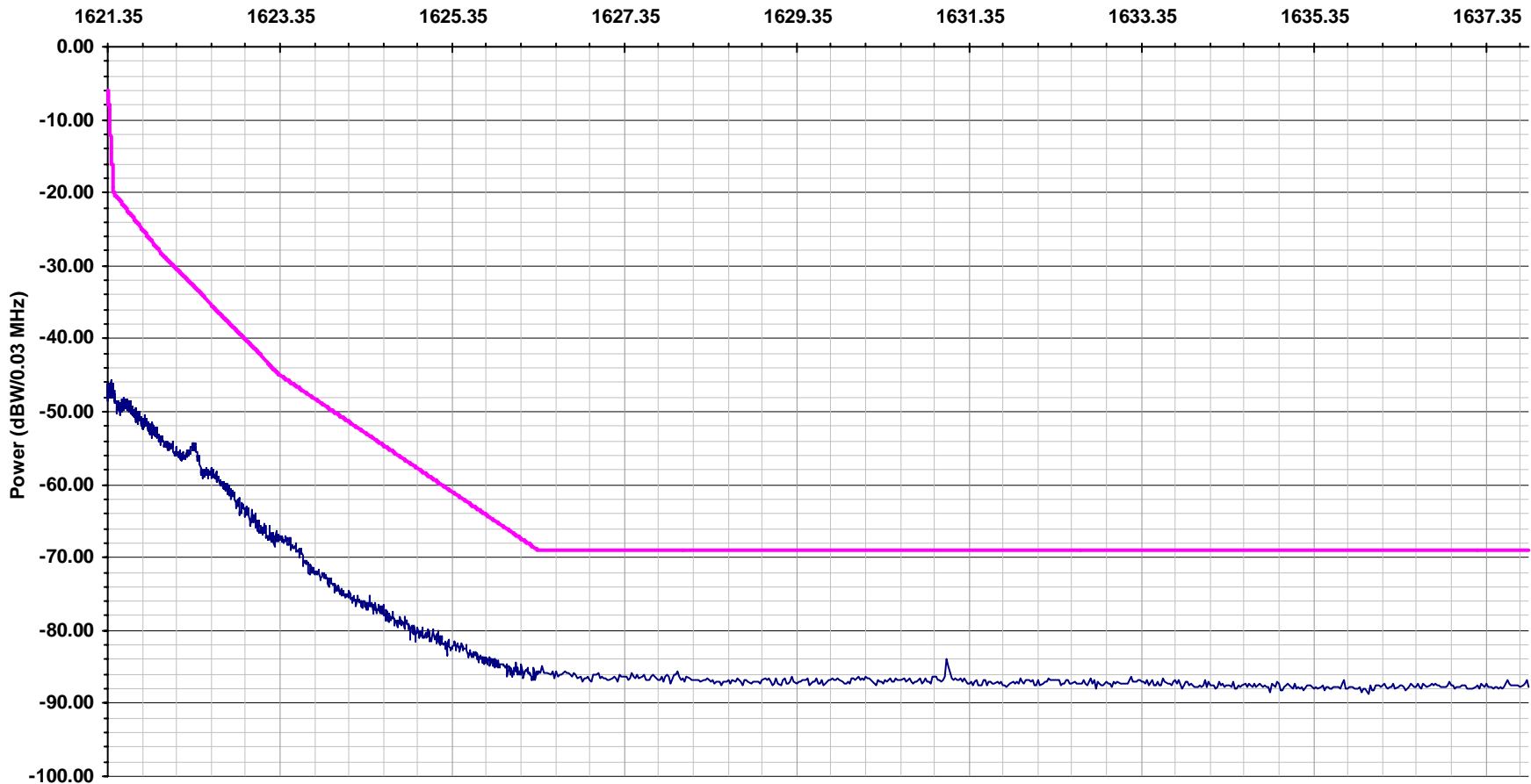
Max: -45.91 dBW @1621.4058 MHz
Min: -88.21 dBW @1637.3479 MHz Ave: -59.2416 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 5: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

365



Max: -45.68 dBW @1621.3877 MHz

Min: -88.71 dBW @1635.982 MHz

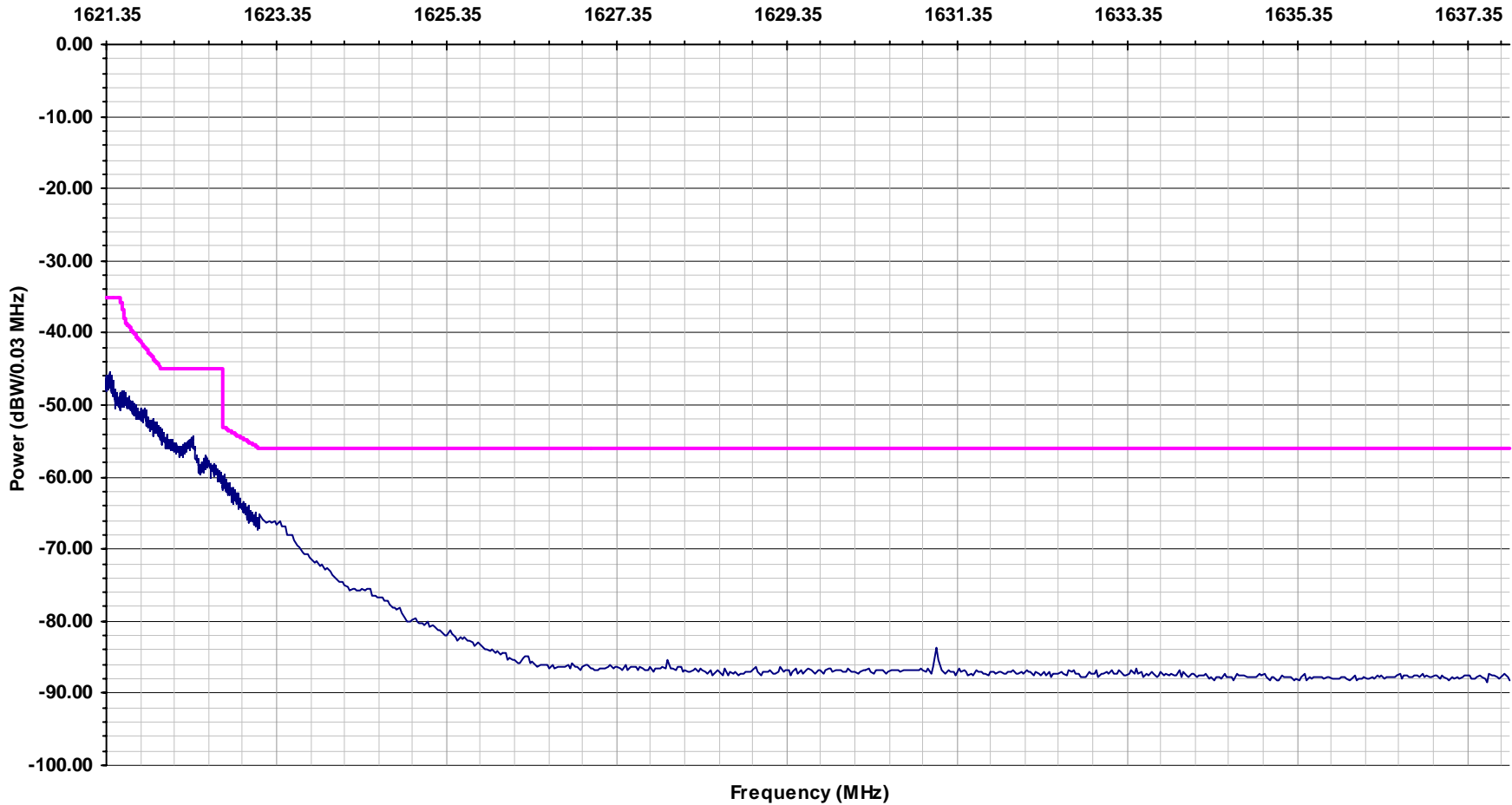
Ave: -64.7533 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

370



Max: -45.48 dBW @1621.3836 MHz

Min: -88.39 dBW @1637.5836 MHz

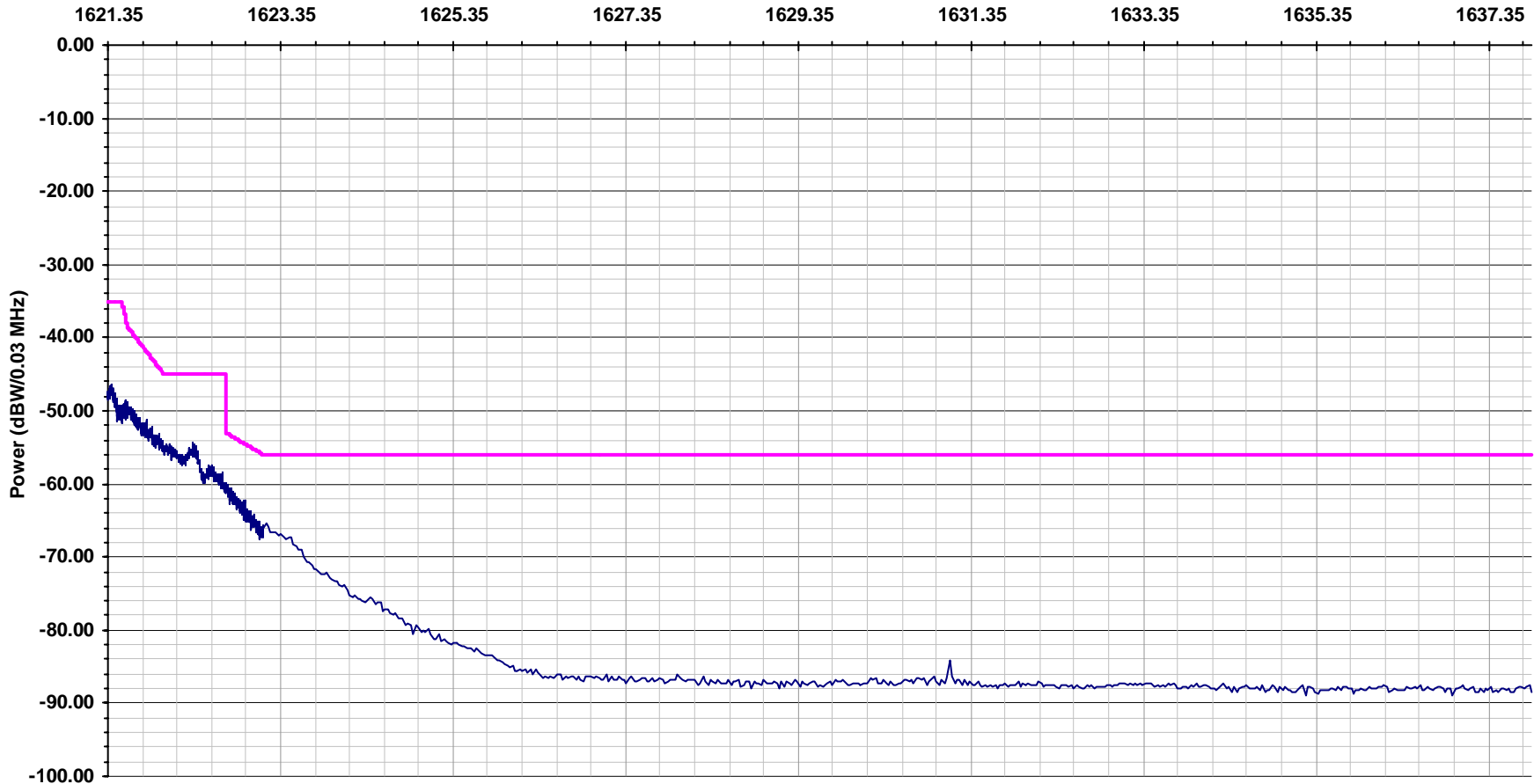
Ave: -59.1154 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

379



Max: -46.4 dBW @1621.3823 MHz

Min: -88.96 dBW @1636.9354 MHz

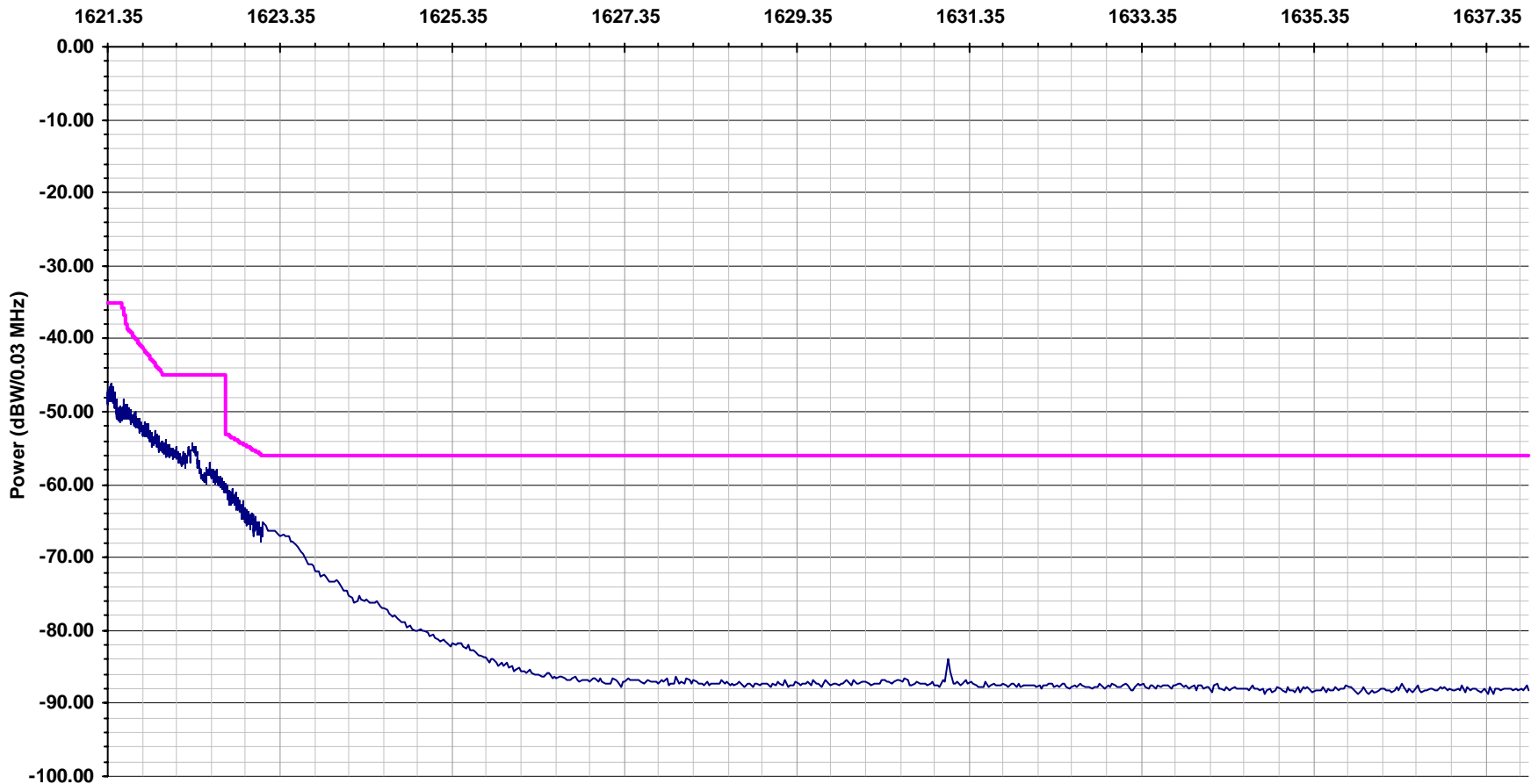
Ave: -59.6026 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

382



Max: -46.2 dBW @1621.3874 MHz

Min: -88.71 dBW @1637.3772 MHz

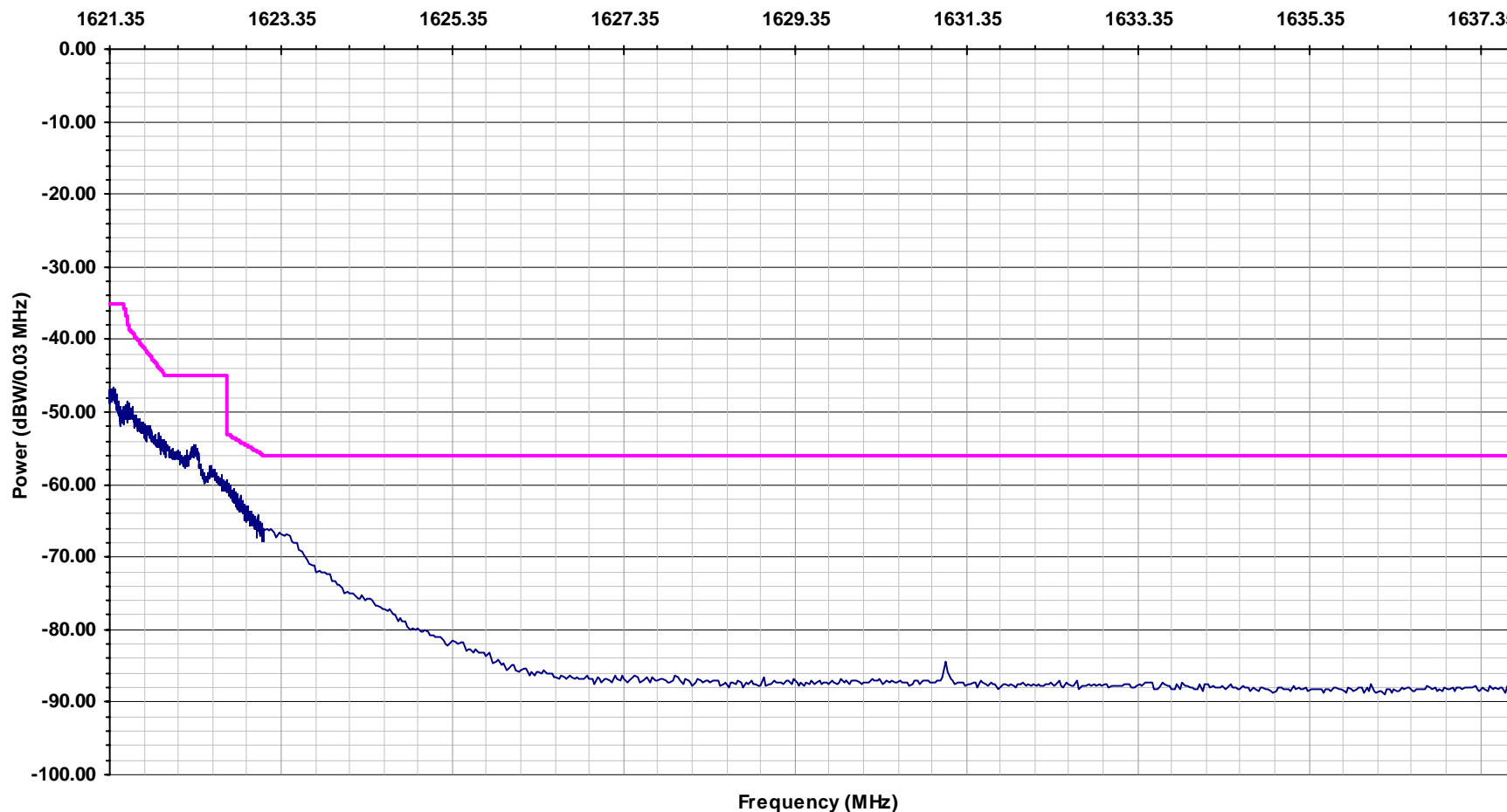
Ave: -59.6064 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

385



Max: -46.75 dBW @1621.3857 MHz

Min: -88.99 dBW @1636.2283 MHz

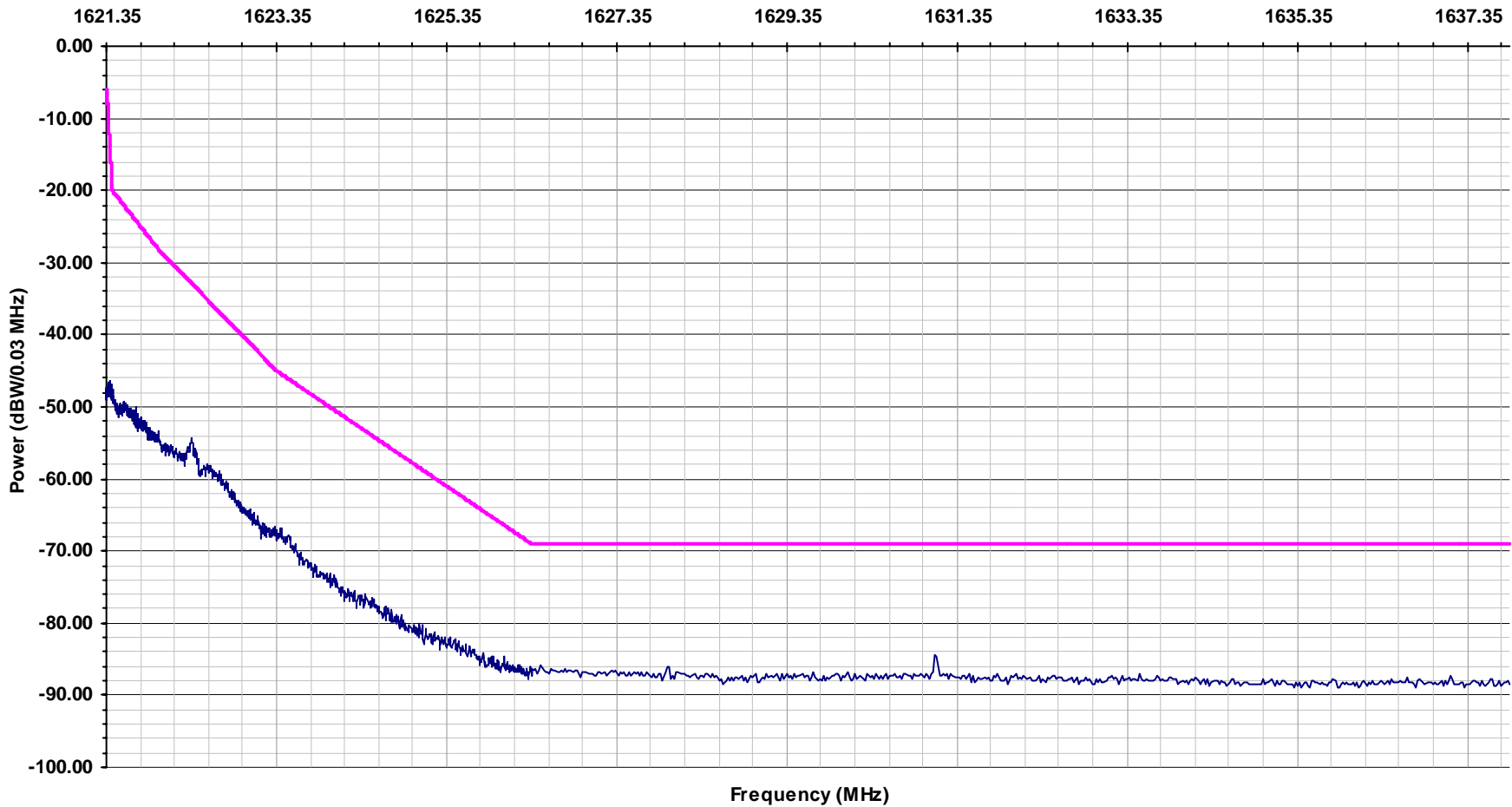
Ave: -59.6767 dBW

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band TX Emissions Table 5: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

386



Max: -46.35 dBW @1621.3952 MHz

Min: -89.01 dBW @1636.074 MHz

Ave: -65.4053 dBW

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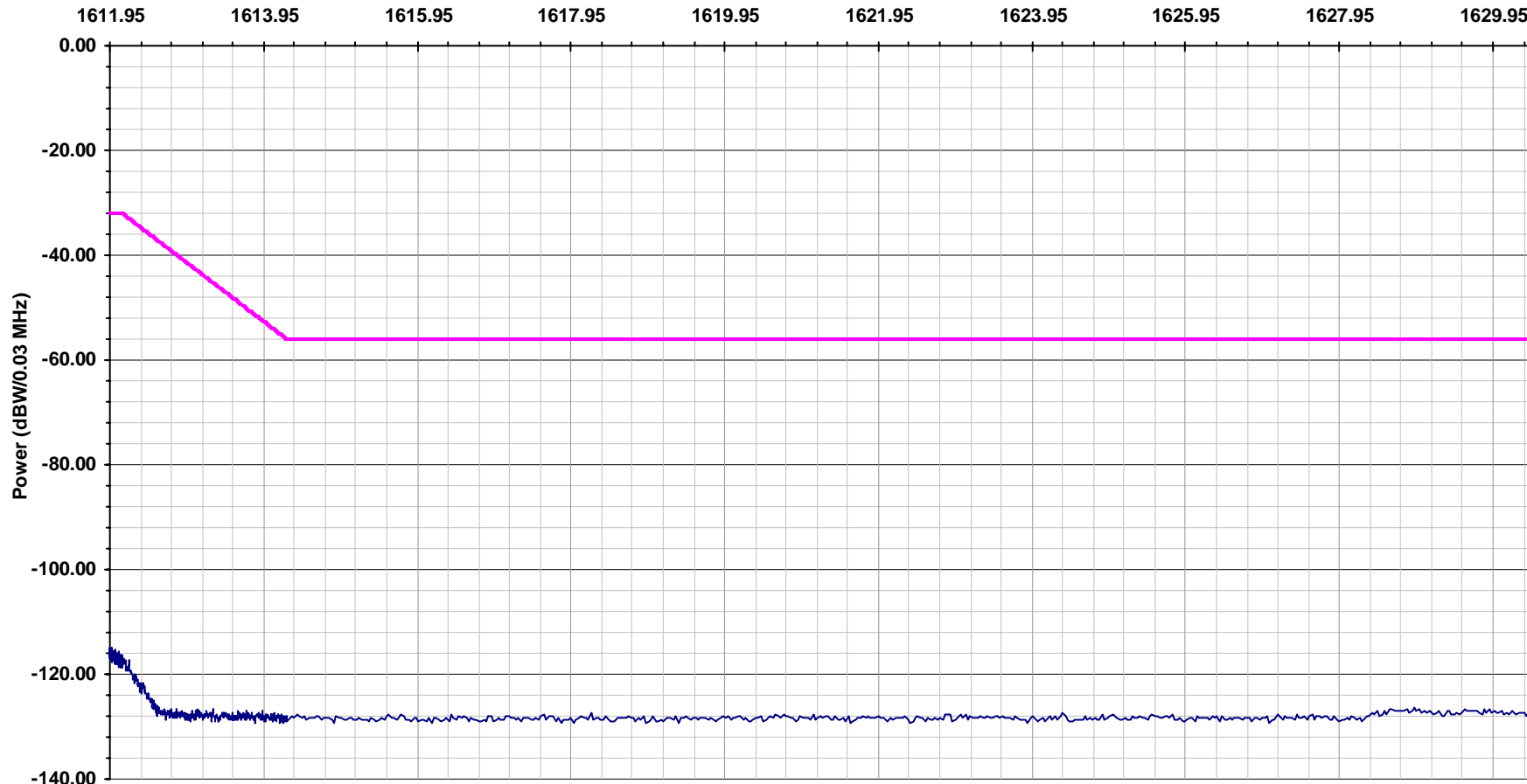
Annex A - Conducted Test Data

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: In-band RX Emissions Table 4: 1611.95 to 1630.45 MHz (Offset: 0.00 to 18.50 Mhz)

3



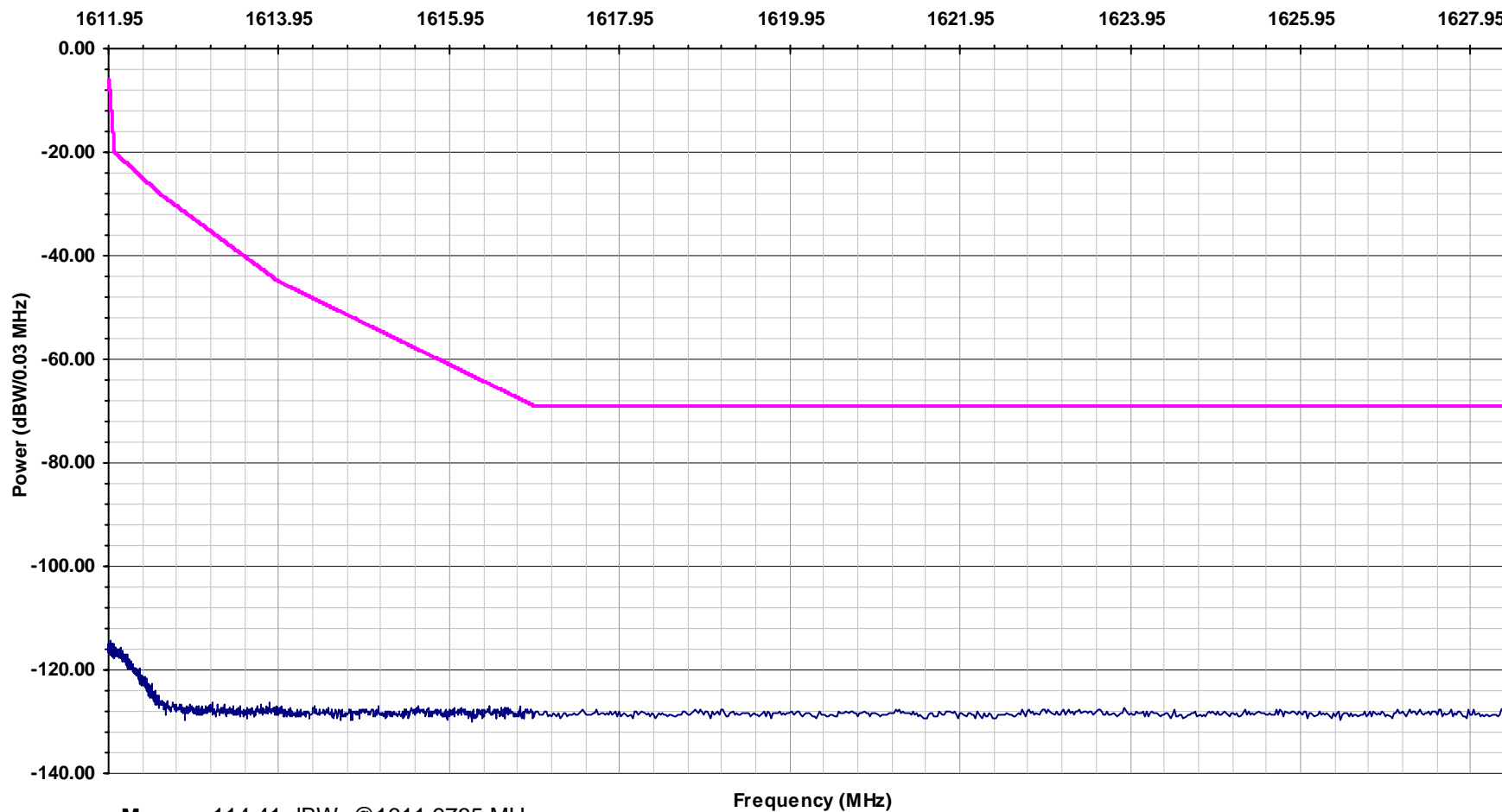
Max: -114.85 dBW @1611.9578 MHz
Min: -129.49 dBW @1614.2022 MHz **Ave:** -123.9332 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 16.00V: In-band RX Emissions Table 5: 1611.95 to 1628.45 MHz (Offset: 0.00 to 16.50 Mhz)

4



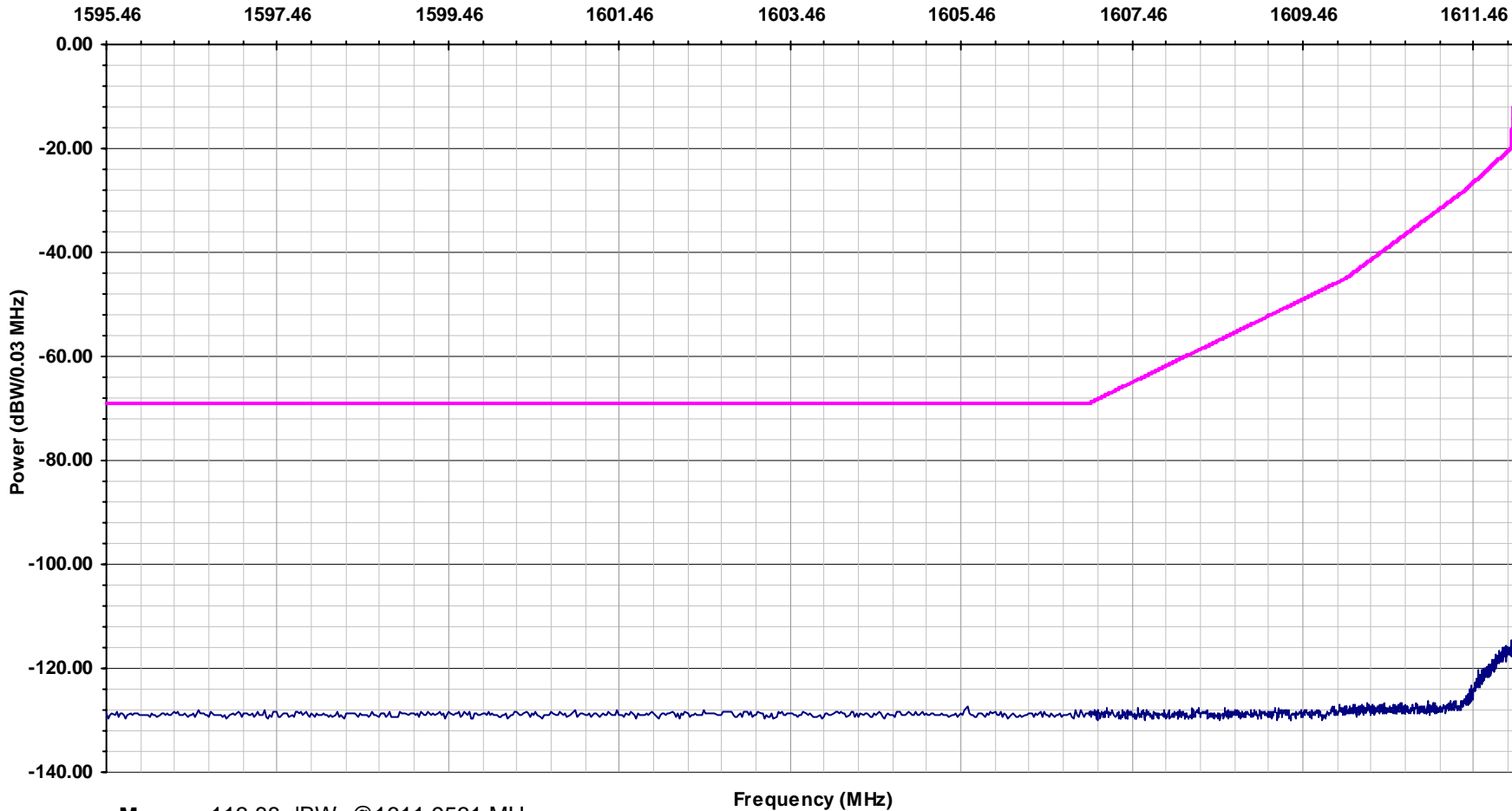
Max: -114.41 dBW @1611.9735 MHz
Min: -129.98 dBW @1616.2202 MHz Ave: -124.2653 dB

PlotTitle

Plot Number

Channel# 86 @25.00°C, 16.00V: In-band RX Emissions Table 5: 1595.46 to 1611.96 MHz (Offset: -16.50 to 0.00 Mhz)

83



Max: -113.88 dBW @1611.9531 MHz

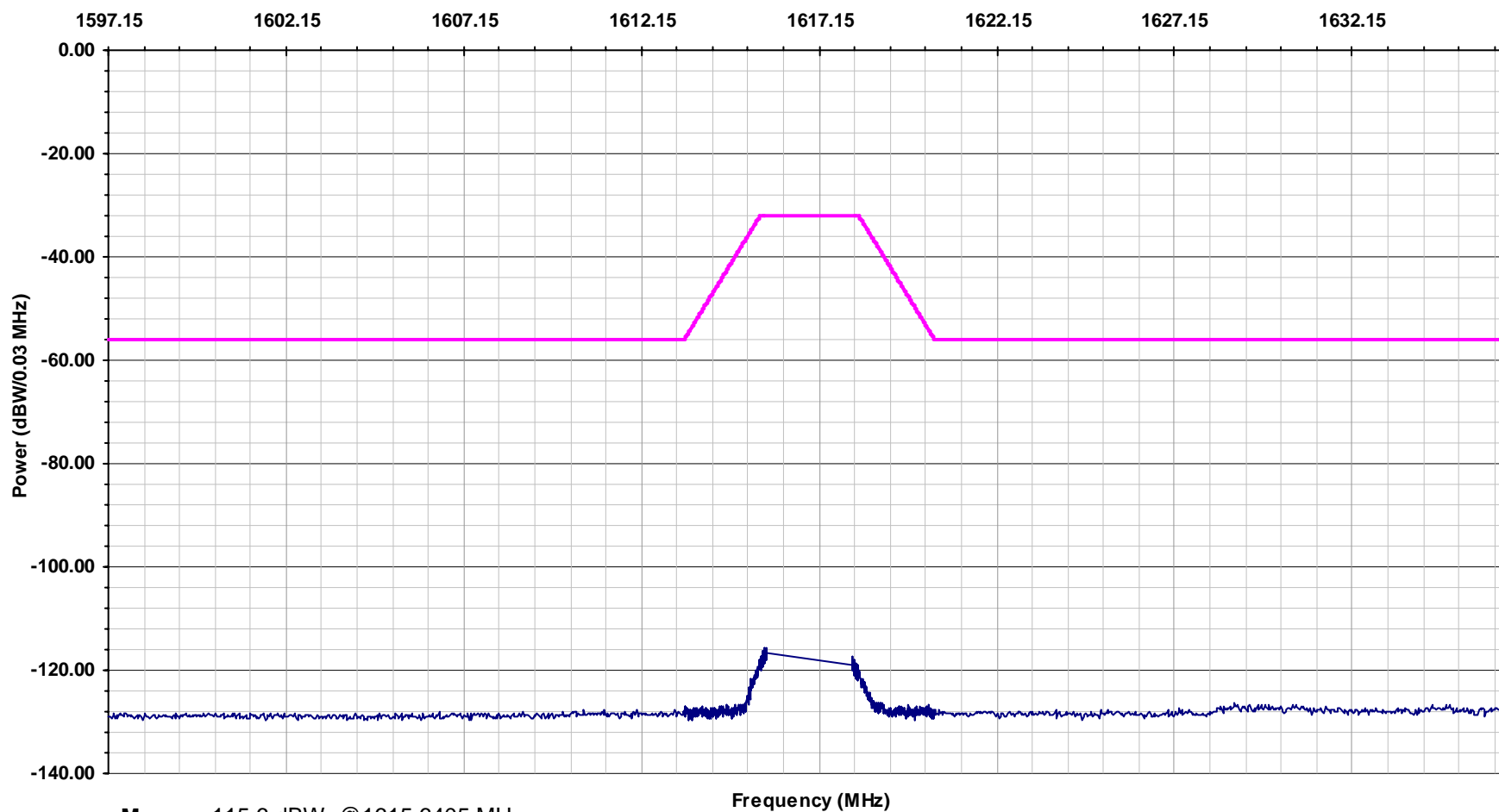
Min: -129.98 dBW @1608.4967 MHz Ave: -124.3889 dB

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: In-band RX Emissions Table 4: 1599.60 to 1636.60 MHz (Offset: -18.50 to 18.50 Mhz)

88



Max: -115.6 dBW @1615.6405 MHz

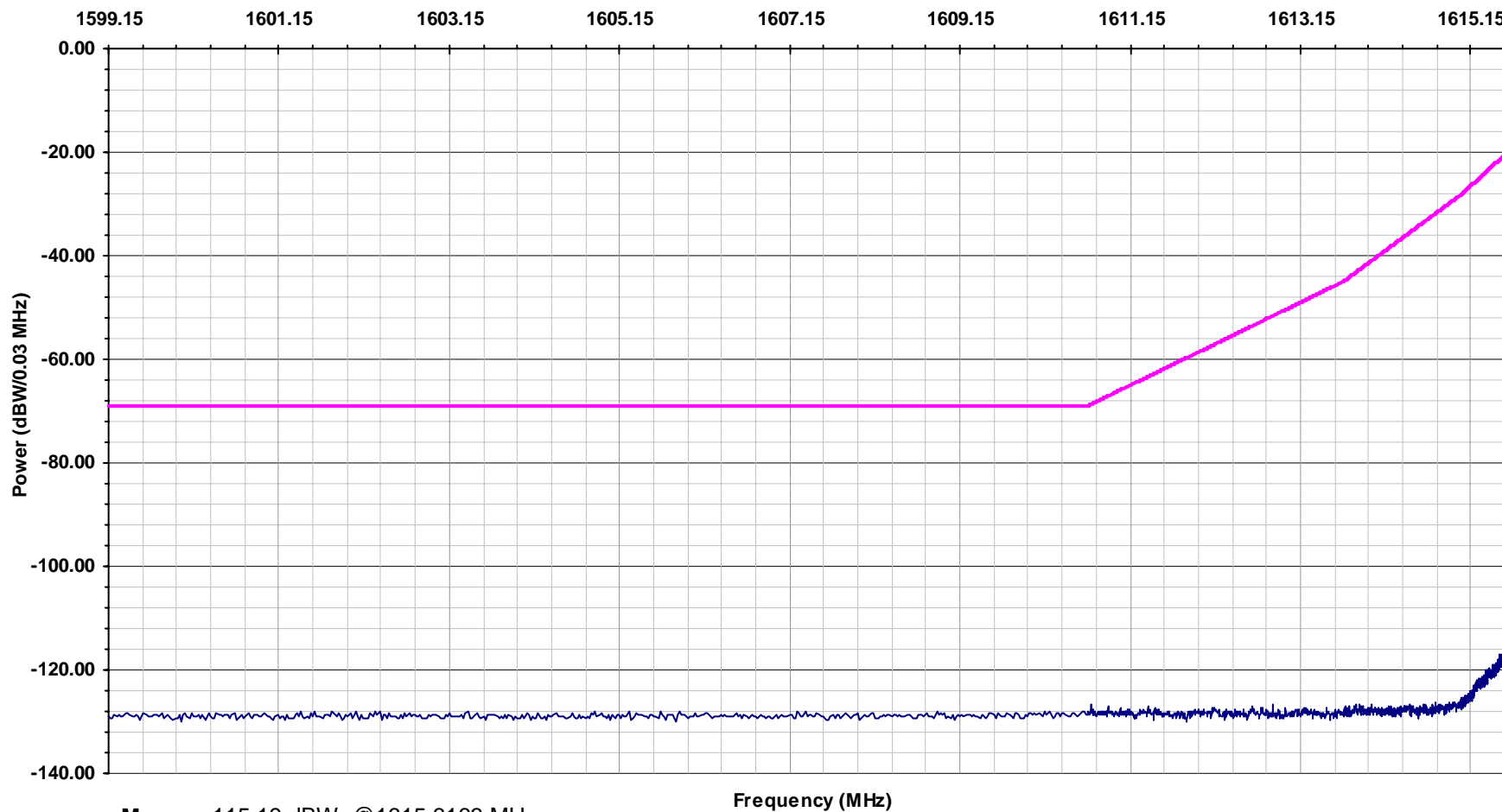
Min: -129.72 dBW @1619.8461 MHz Ave: -124.7595 dB

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: In-band RX Emissions Table 5: 1599.15 to 1615.65 MHz (Offset: -16.50 to 0.00 Mhz)

89



Max: -115.19 dBW @1615.6163 MHz

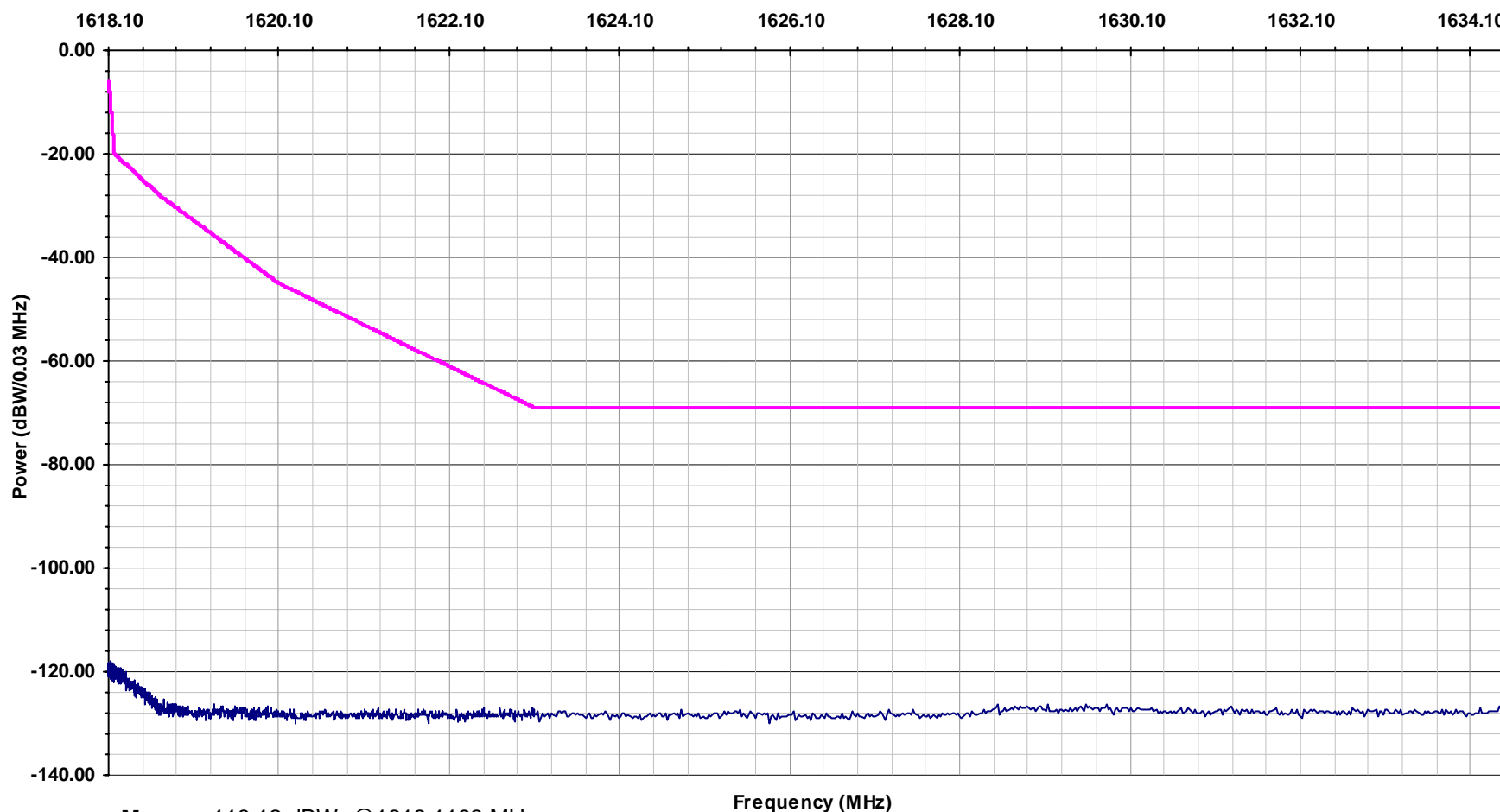
Min: -129.96 dBW @1600.0063 MHz Ave: -124.8178 dB

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: In-band RX Emissions Table 5: 1618.10 to 1634.60 MHz (Offset: 0.00 to 16.50 Mhz)

90



Max: -118.12 dBW @1618.1193 MHz

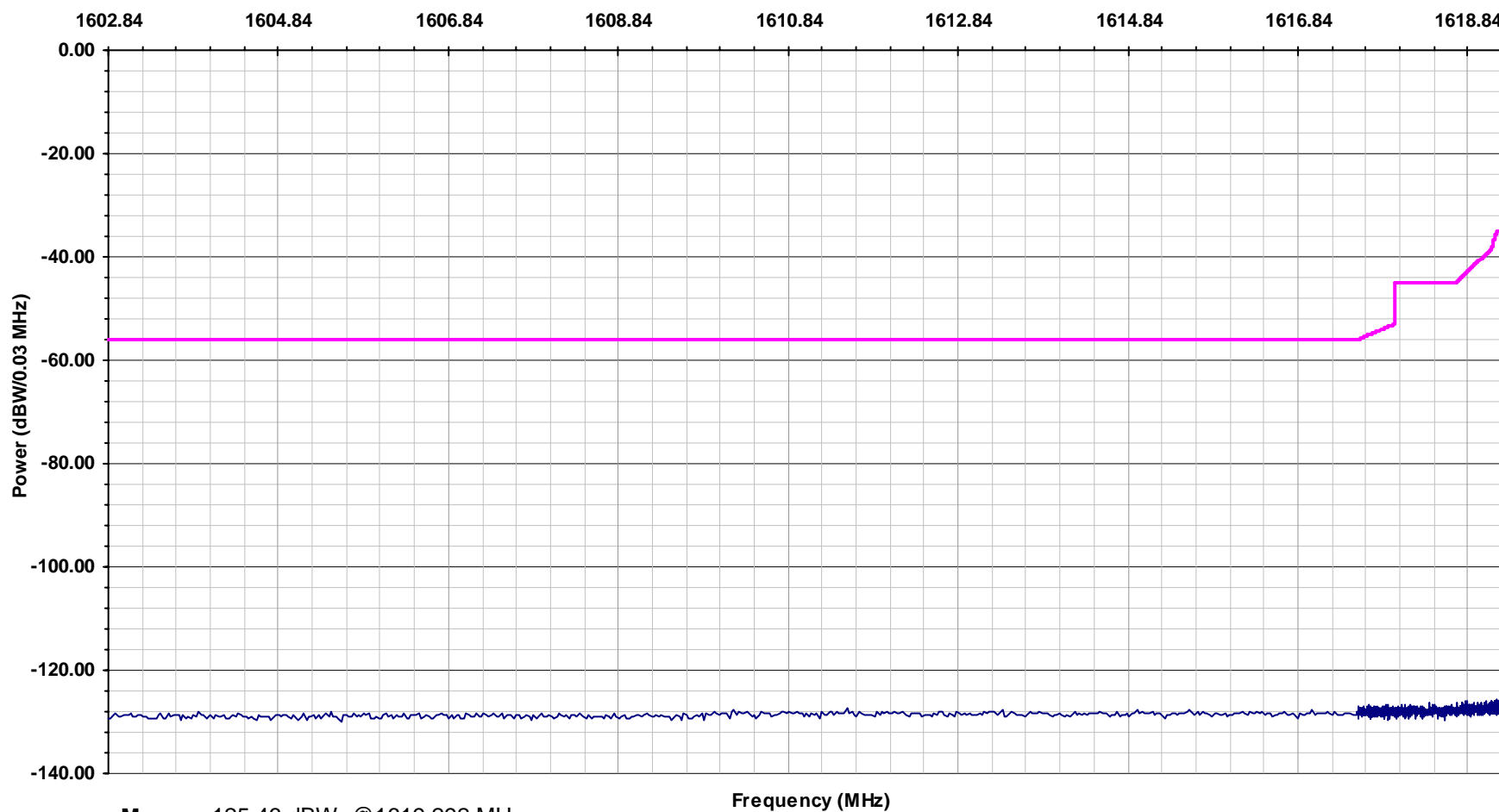
Min: -129.98 dBW @1620.302 MHz Ave: -125.4652 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band RX Emissions Table 3: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 Mhz)

101



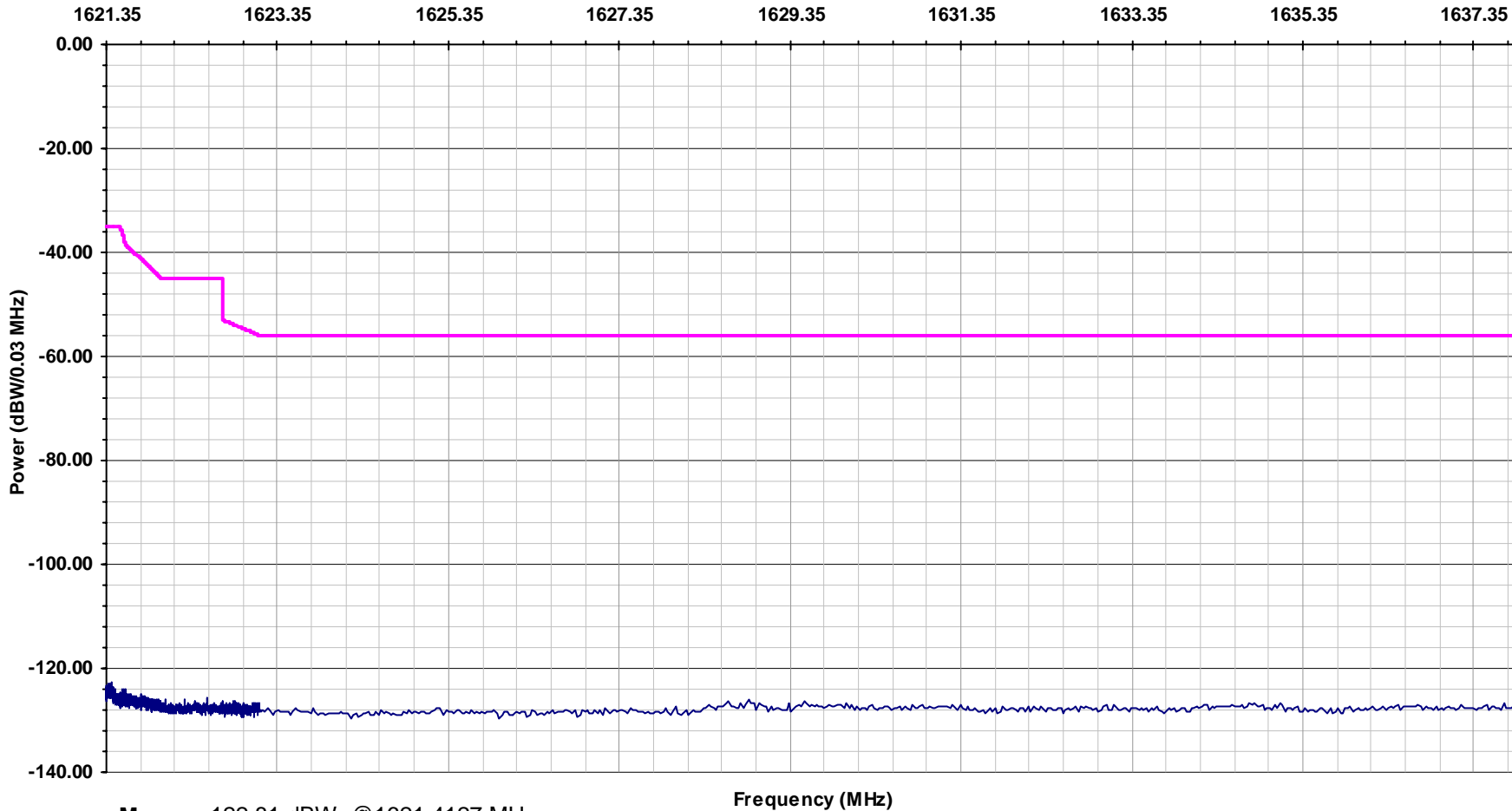
Max: -125.46 dBW @1619.292 MHz
Min: -129.92 dBW @1605.5833 MHz Ave: -127.7102 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band RX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

102

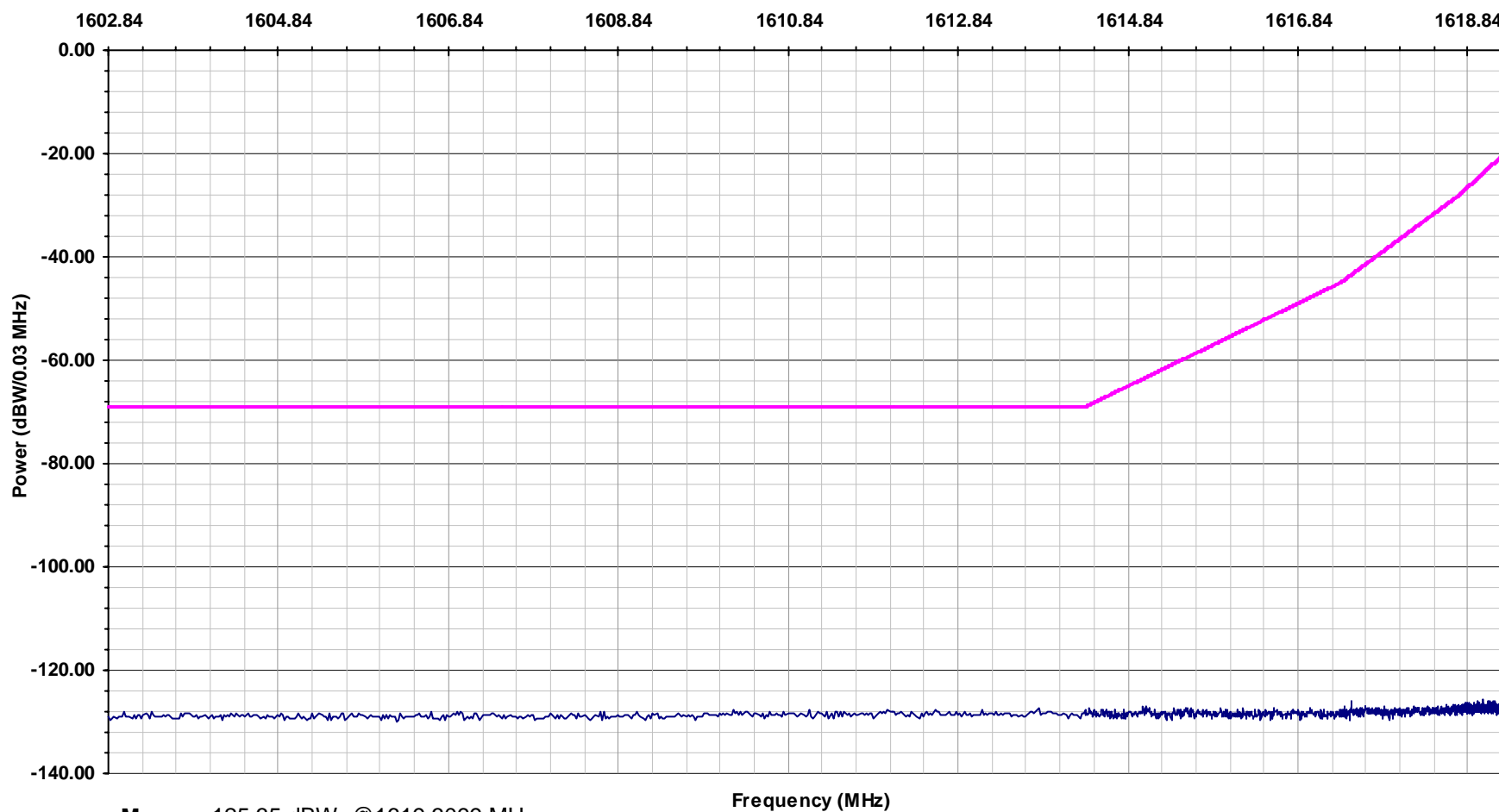


PlotTitle

Plot Number

Channel# 332 @25.00°C, 16.00V: In-band RX Emissions Table 5: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 Mhz)

103



Max: -125.35 dBW @1619.3099 MHz

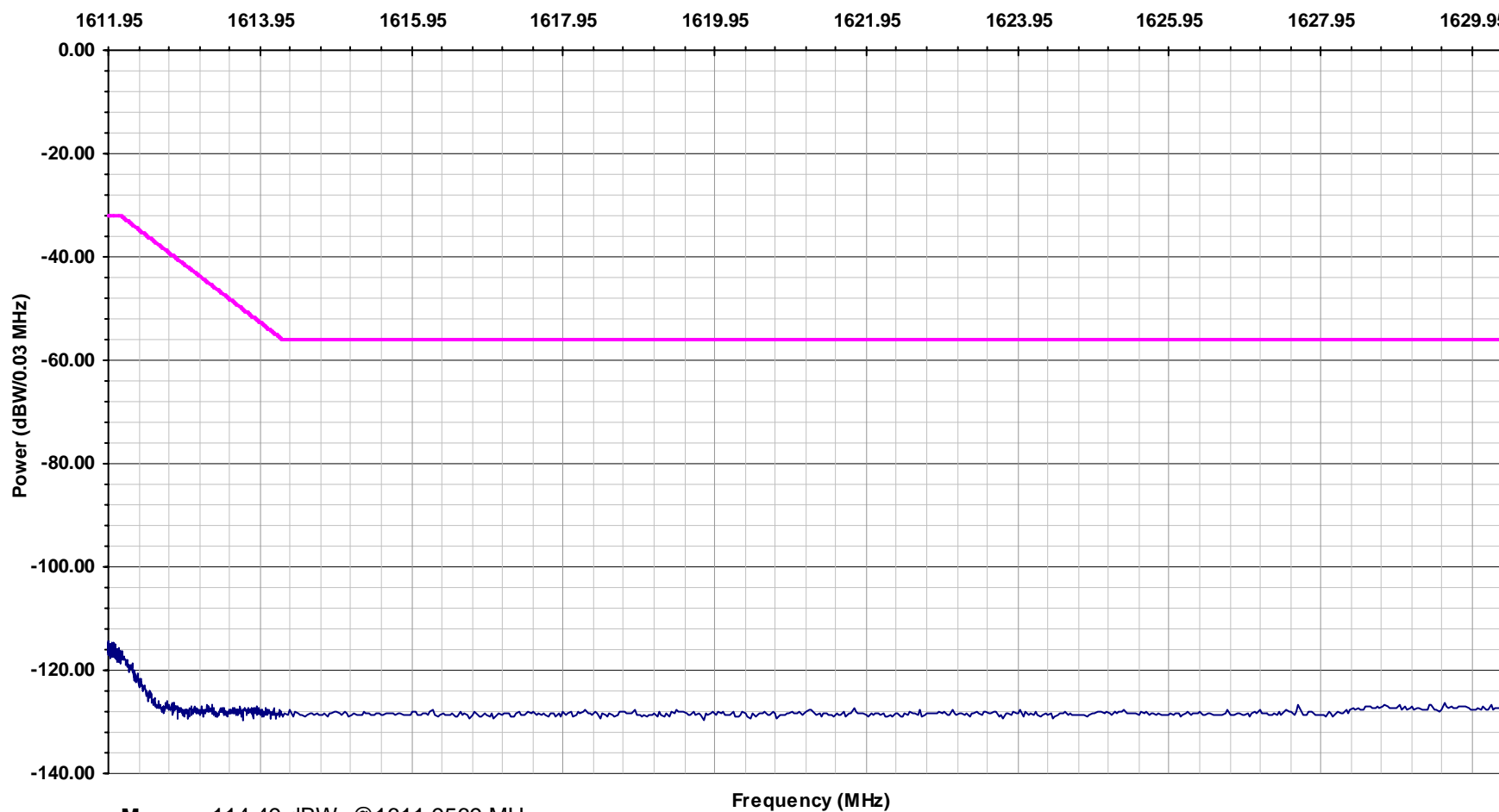
Min: -129.92 dBW @1606.2314 MHz Ave: -127.8192 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: In-band RX Emissions Table 4: 1611.95 to 1630.45 MHz (Offset: 0.00 to 18.50 Mhz)

181



Max: -114.49 dBW @1611.9569 MHz

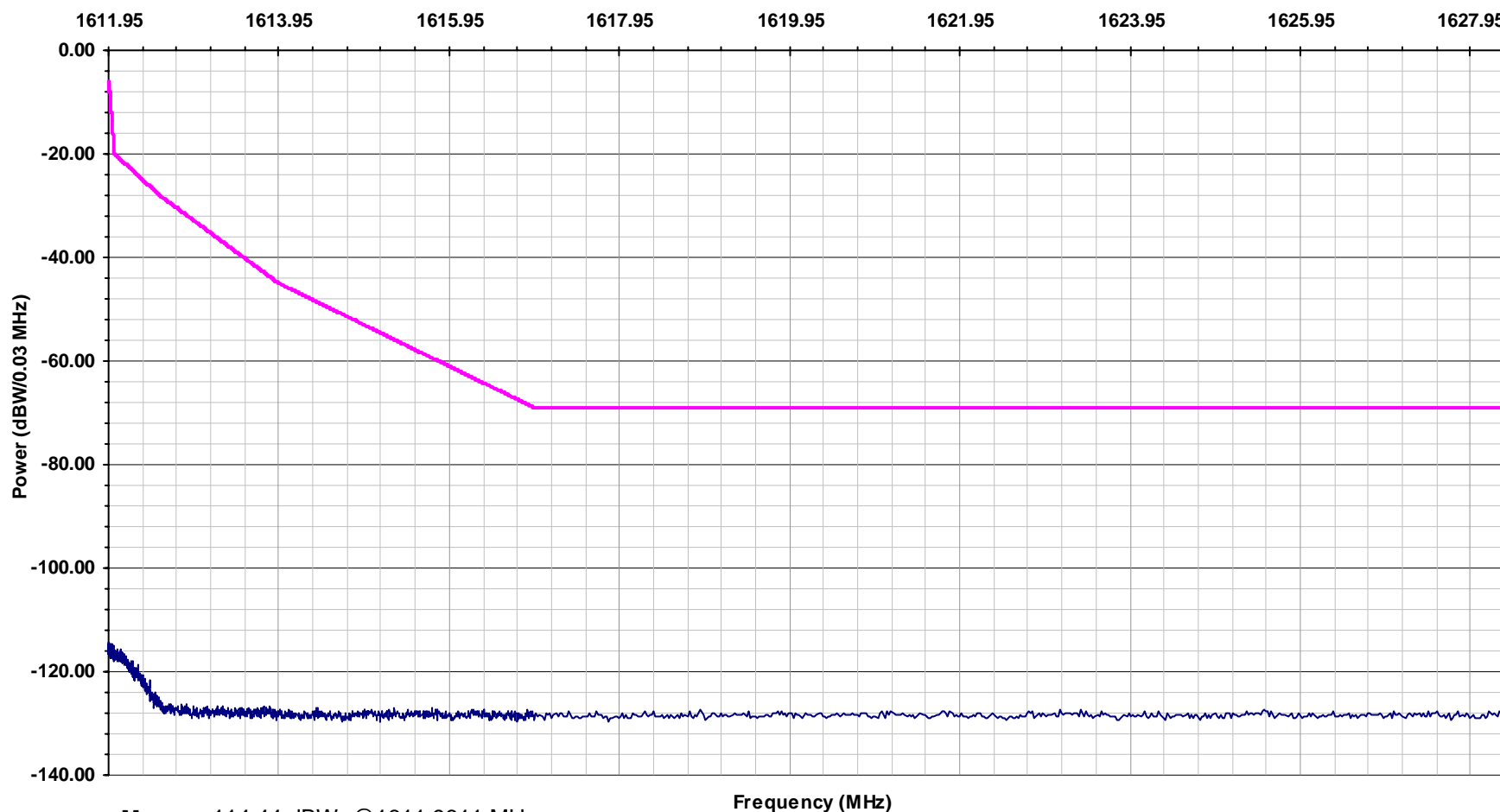
Min: -129.58 dBW @1619.8052 MHz Ave: -123.7942 dB

PlotTitle

Plot Number

Channel# 4 @25.00°C, 10.50V: In-band RX Emissions Table 5: 1611.95 to 1628.45 MHz (Offset: 0.00 to 16.50 Mhz)

182



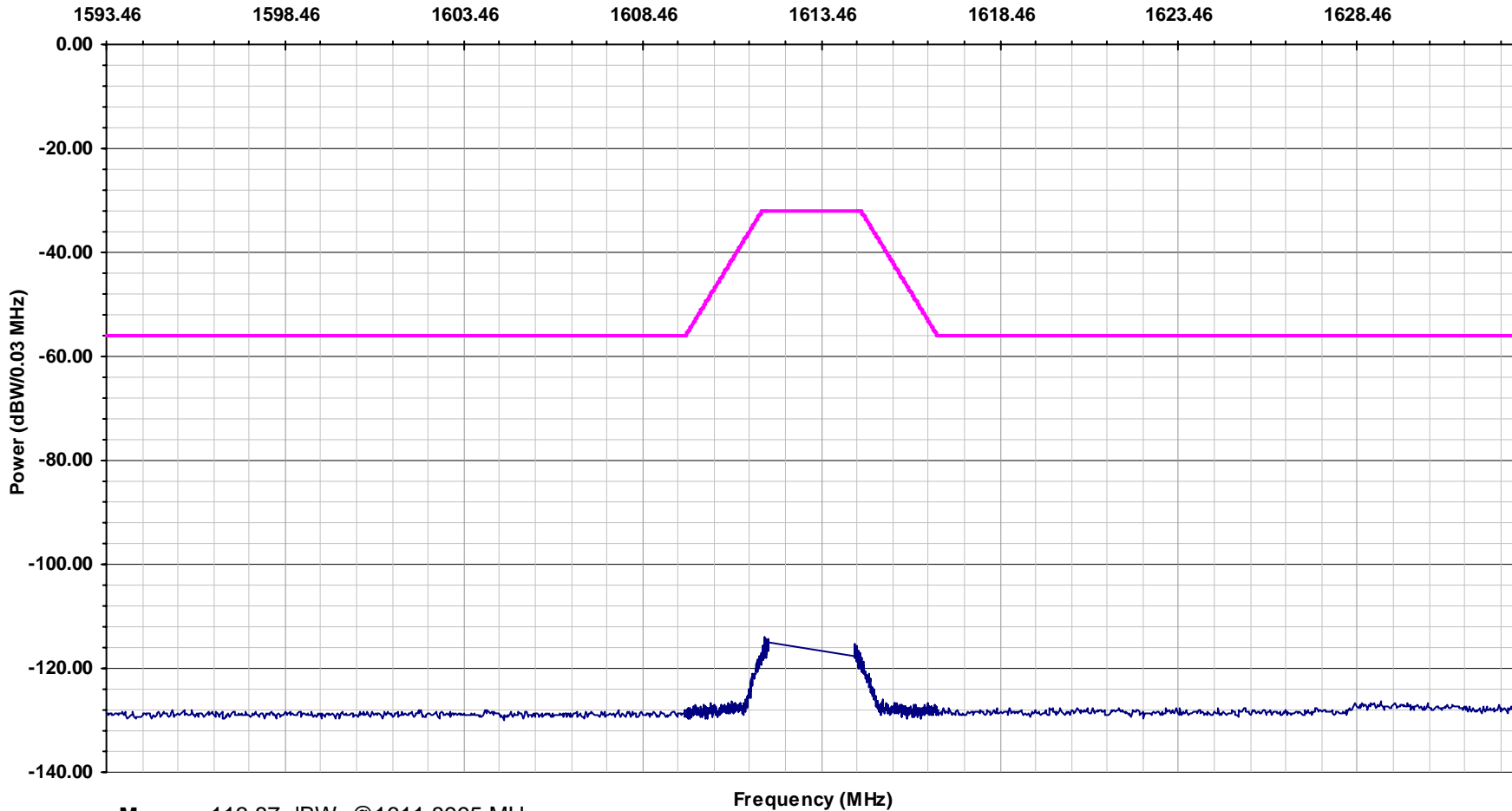
Max: -114.44 dBW @1611.9611 MHz
Min: -129.71 dBW @1614.6871 MHz Ave: -124.2908 dB

PlotTitle

Plot Number

Channel# 86 @25.00°C, 10.50V: In-band RX Emissions Table 4: 1595.91 to 1632.91 MHz (Offset: -18.50 to 18.50 Mhz)

260



Max: -113.87 dBW @1611.8995 MHz

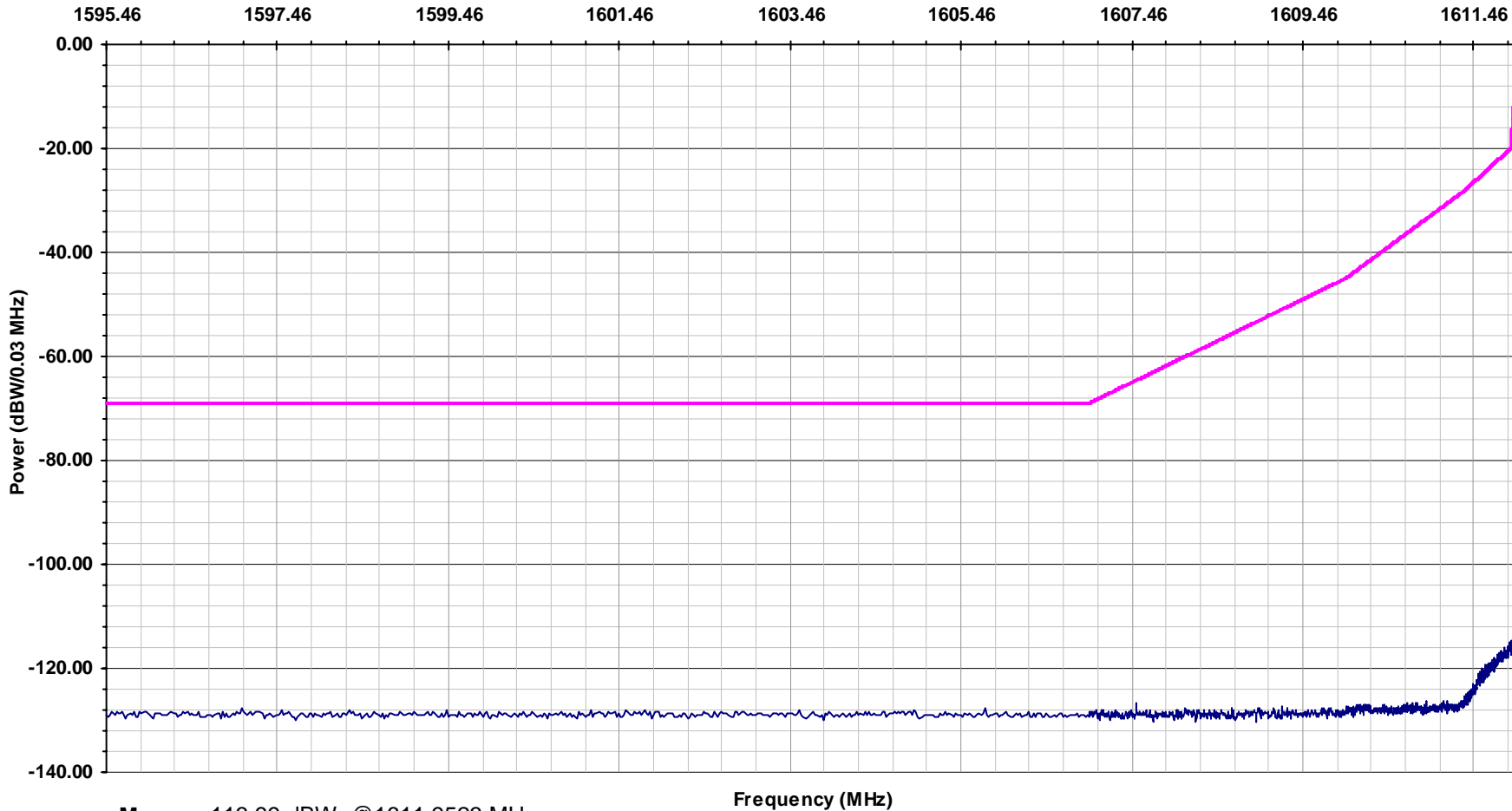
Min: -129.85 dBW @1604.5666 MHz Ave: -124.1466 dB

PlotTitle

Plot Number

Channel# 86 @25.00°C, 10.50V: In-band RX Emissions Table 5: 1595.46 to 1611.96 MHz (Offset: -16.50 to 0.00 Mhz)

261

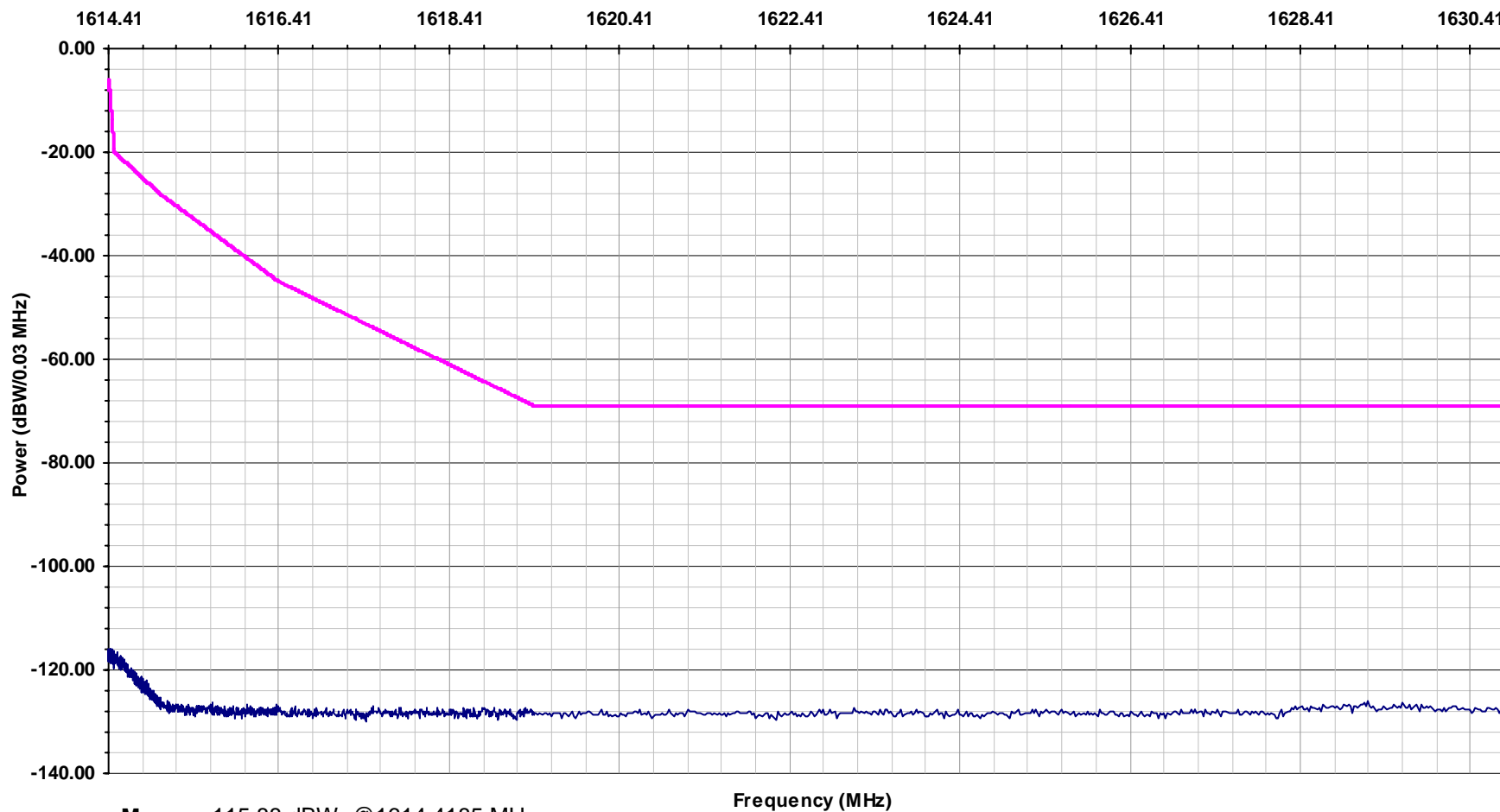


PlotTitle

Plot Number

Channel# 86 @25.00°C, 10.50V: In-band RX Emissions Table 5: 1614.41 to 1630.91 MHz (Offset: 0.00 to 16.50 Mhz)

262



Max: -115.88 dBW @1614.4185 MHz

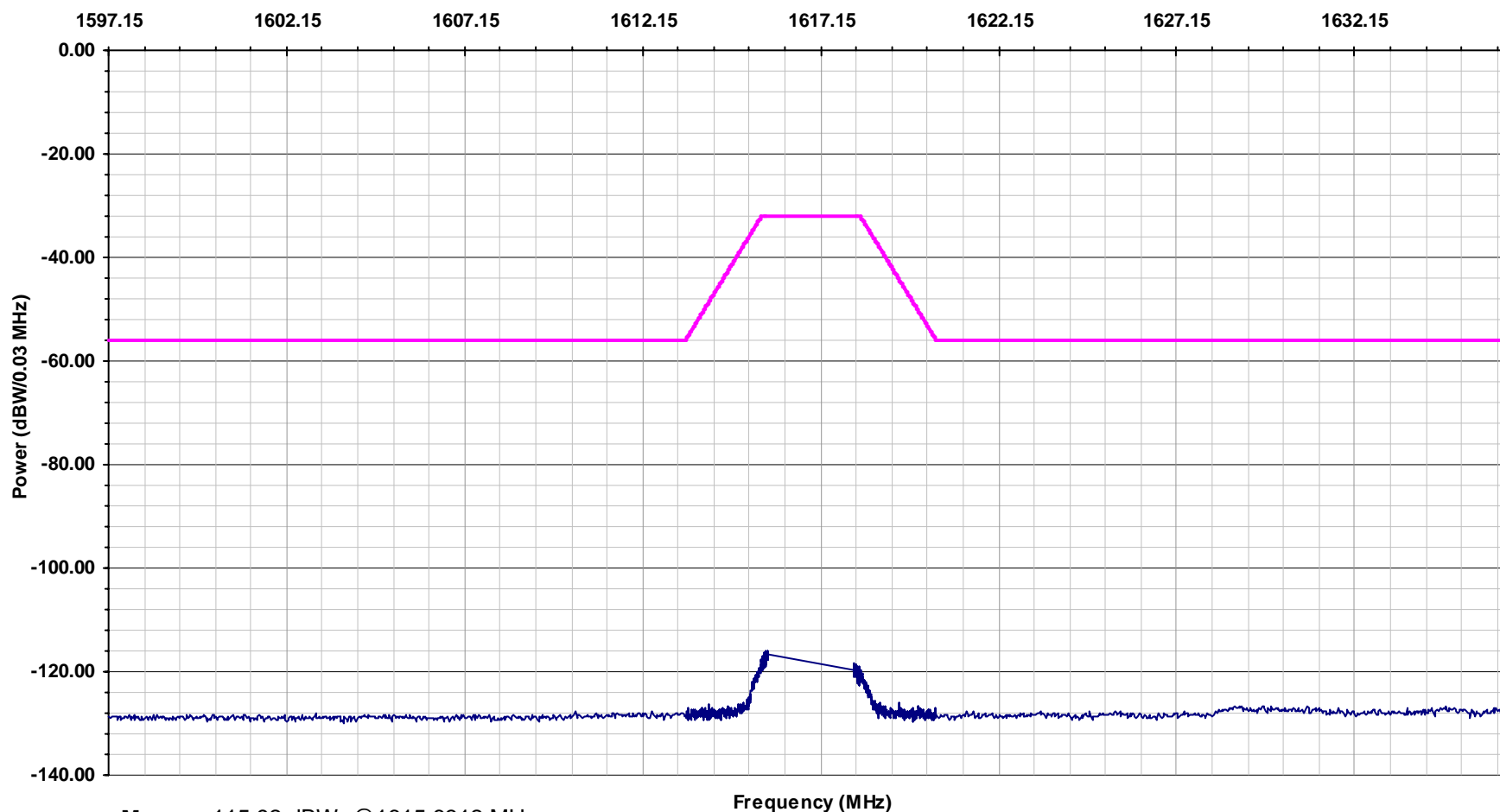
Min: -129.9 dBW @1617.4357 MHz Ave: -124.72 dBW

PlotTitle

Plot Number

Channel# 209 @25.00°C, 10.50V: In-band RX Emissions Table 4: 1599.60 to 1636.60 MHz (Offset: -18.50 to 18.50 Mhz)

266



Max: -115.92 dBW @1615.6312 MHz

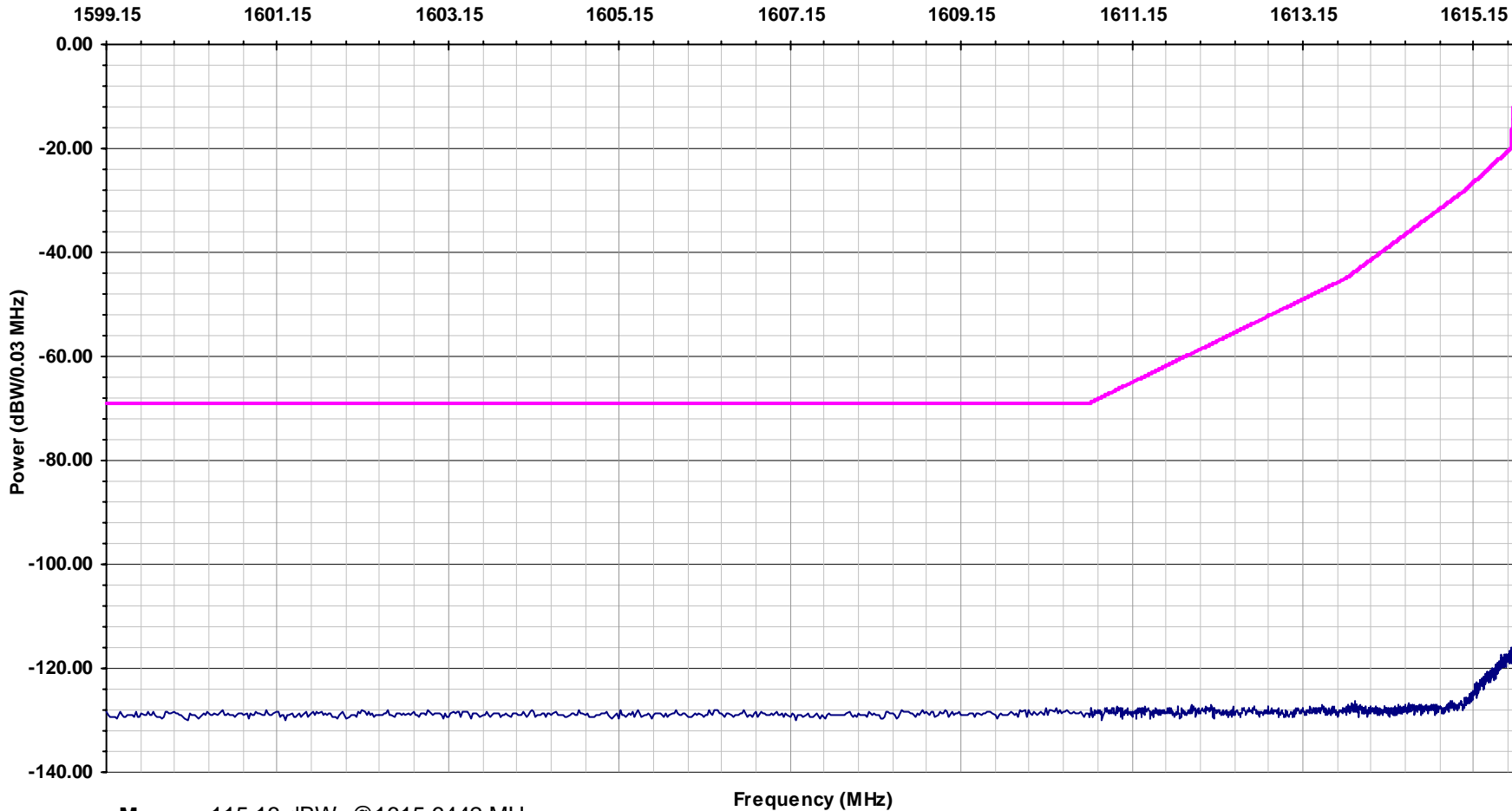
Min: -129.93 dBW @1603.744 MHz Ave: -124.8019 dB

PlotTitle

Plot Number

Channel# 209 @25.00°C, 10.50V: In-band RX Emissions Table 5: 1599.15 to 1615.65 MHz (Offset: -16.50 to 0.00 Mhz)

267

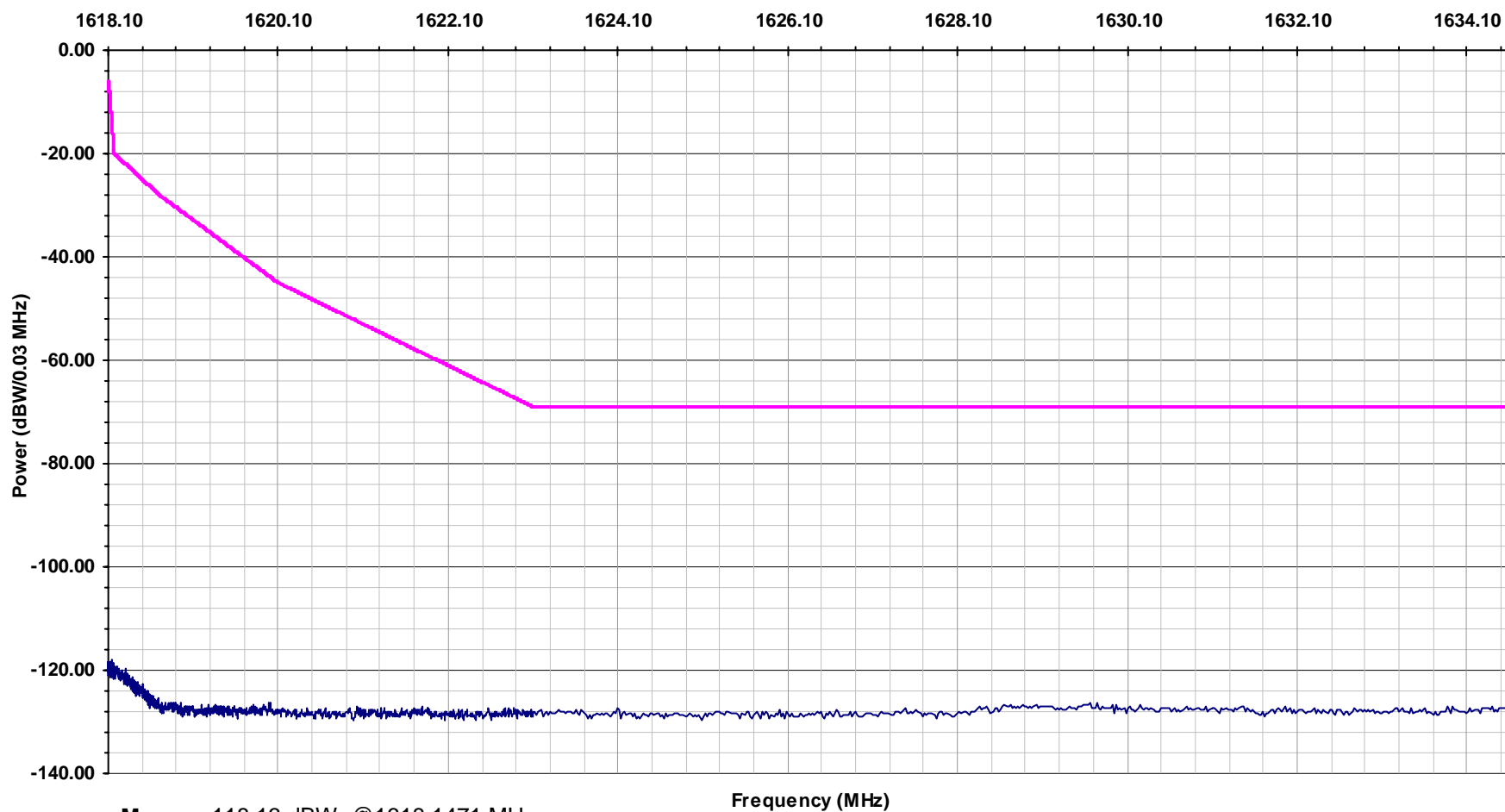


PlotTitle

Plot Number

Channel# 209 @25.00°C, 10.50V: In-band RX Emissions Table 5: 1618.10 to 1634.60 MHz (Offset: 0.00 to 16.50 Mhz)

268

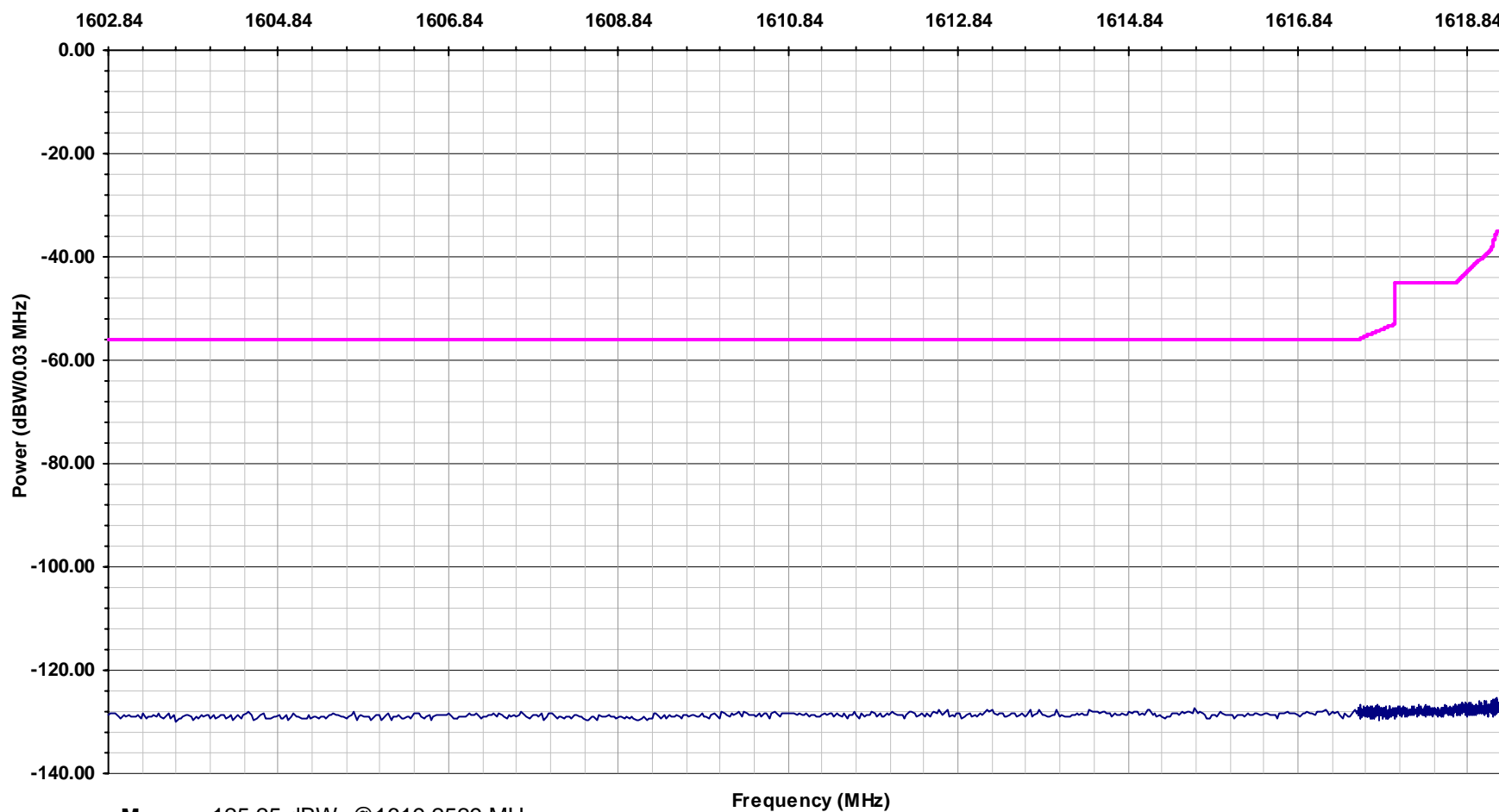


PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: In-band RX Emissions Table 3: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 Mhz)

279

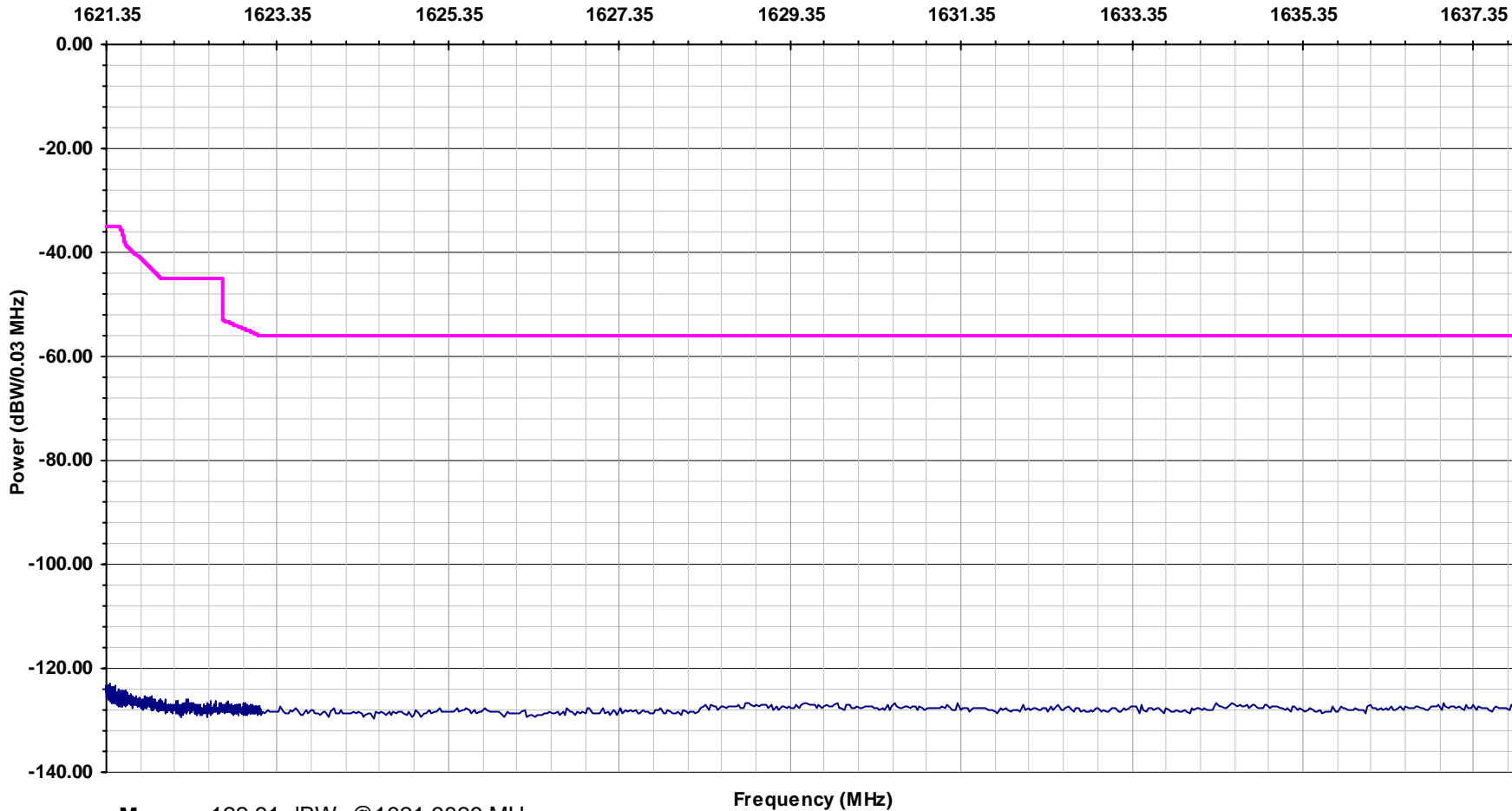


PlotTitle

Plot Number

Channel# 332 @ 25.00°C, 10.50V: In-band RX Emissions Table 3: 1621.35 to 1637.85 MHz (Offset: 0.00 to 16.50 Mhz)

280



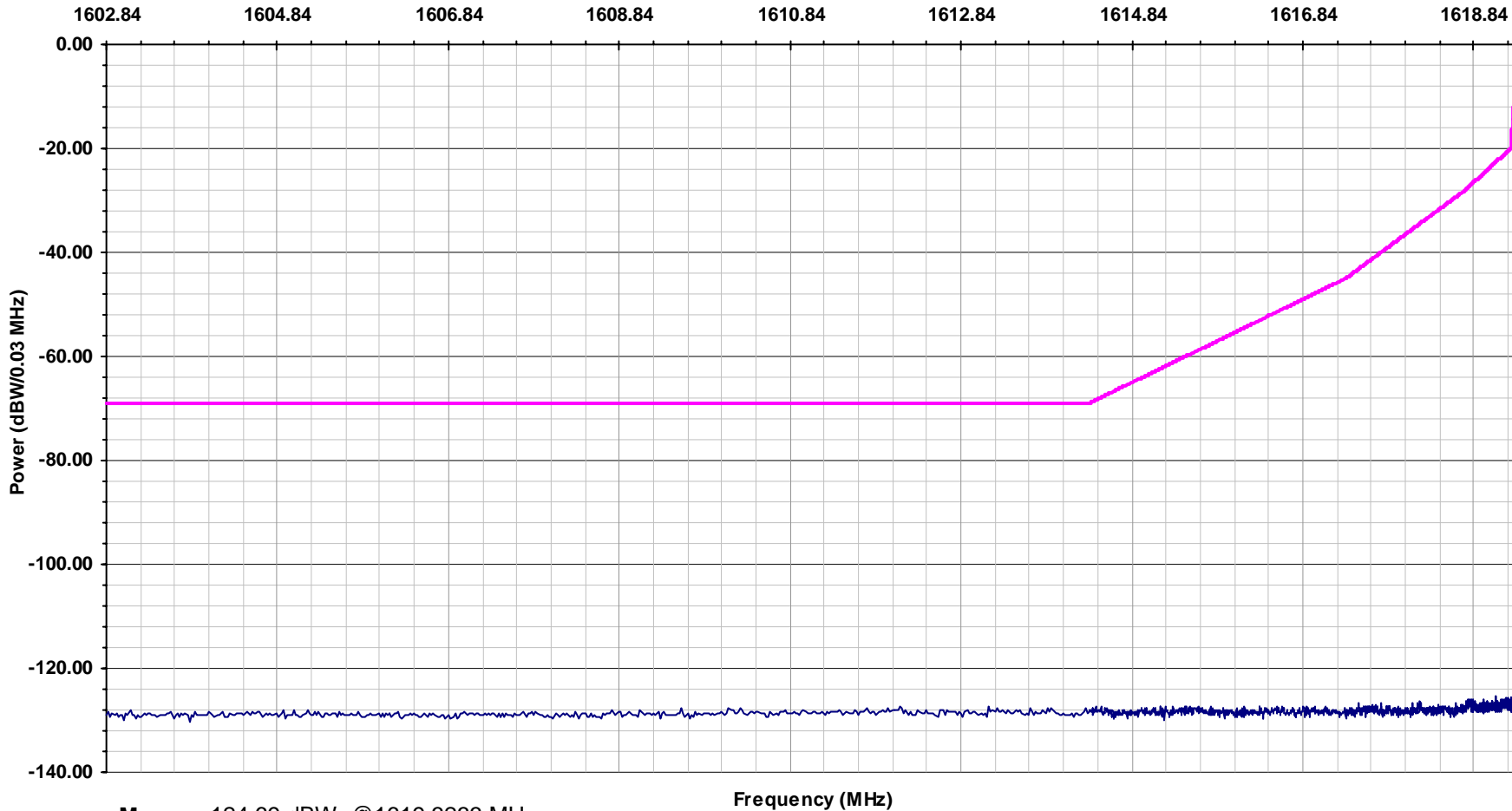
Max: -122.91 dBW @1621.3826 MHz
Min: -129.54 dBW @1624.4743 MHz Ave: -126.8571 dB

PlotTitle

Plot Number

Channel# 332 @25.00°C, 10.50V: In-band RX Emissions Table 5: 1602.84 to 1619.34 MHz (Offset: -16.50 to 0.00 Mhz)

281



Max: -124.69 dBW @1619.3233 MHz
Min: -130.17 dBW @1603.8116 MHz Ave: -127.8348 dB

Globalstar Compliance Lab Data Plots



Qualcomm GCK-1410 Hands Free Car Kit for MES used on the Globalstar System

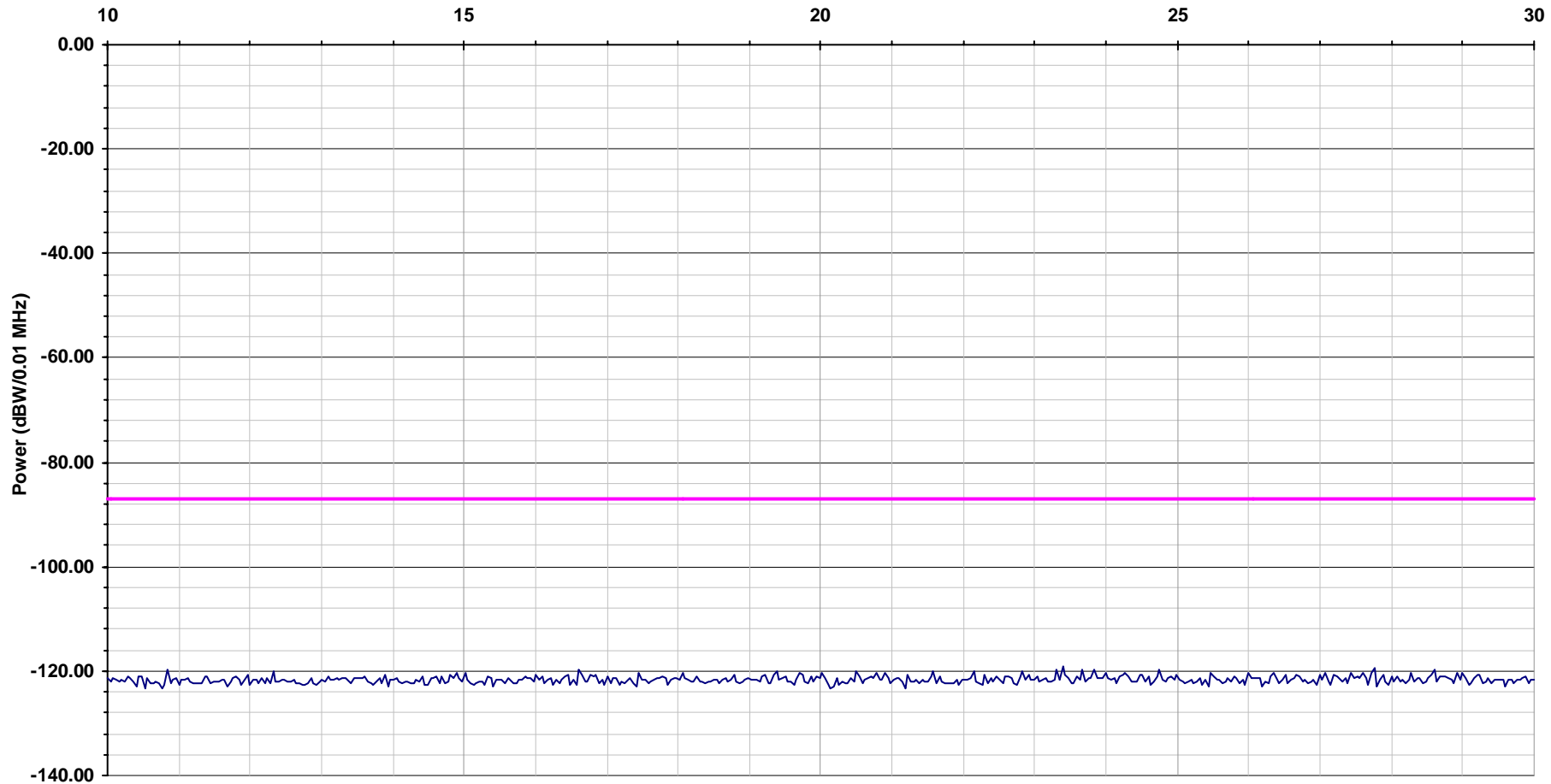
Annex A - Conducted Test Data

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: ETSI Carrier Off RX Emissions: 10.00MHz to 30.00MHz

94



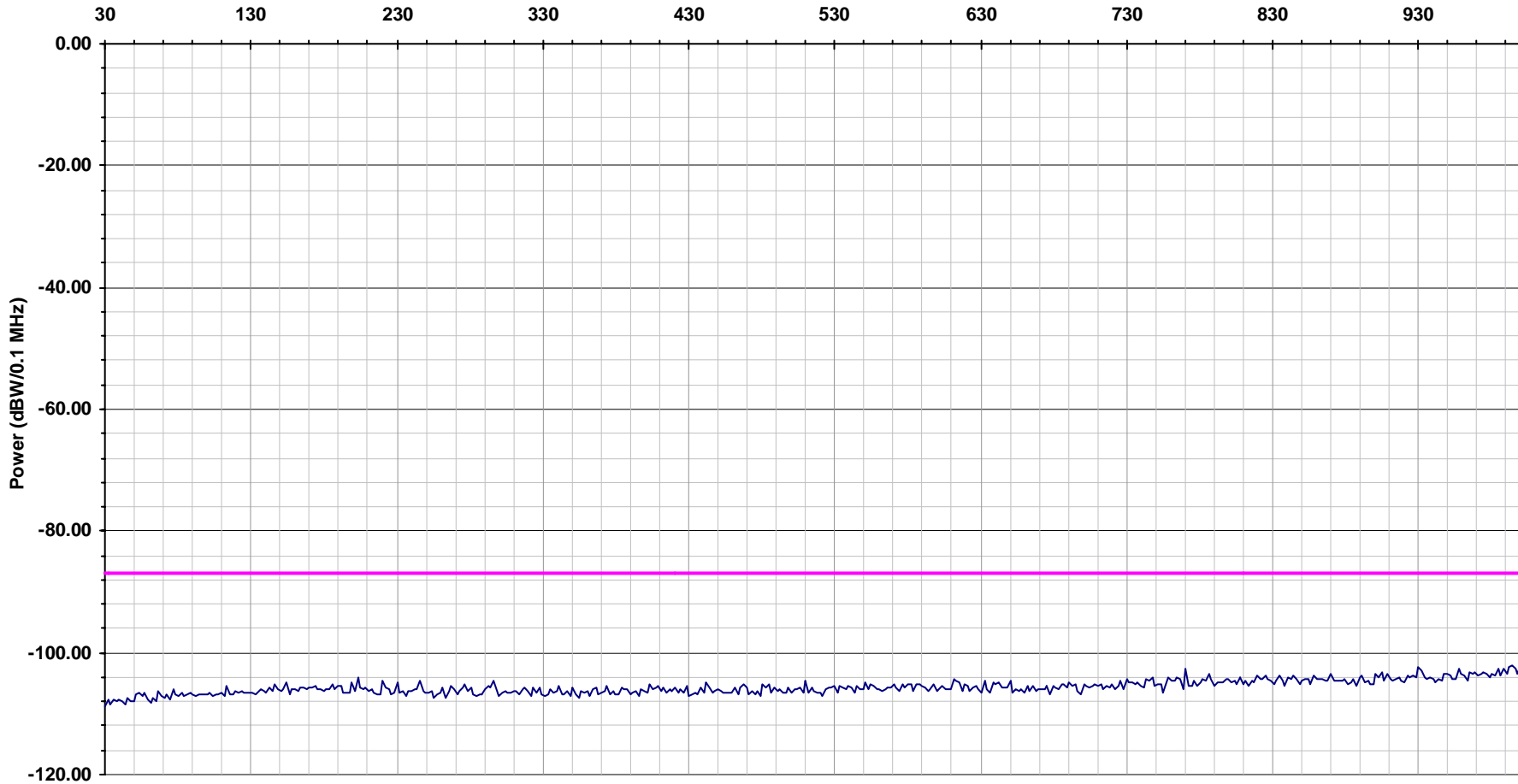
Max: -119.2 dBW @23.3868 MHz
Min: -123.45 dBW @10.521 MHz
Ave: -121.6543 dB

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: ETSI Carrier Off RX Emissions: 30.00MHz to 1000.00MHz

95



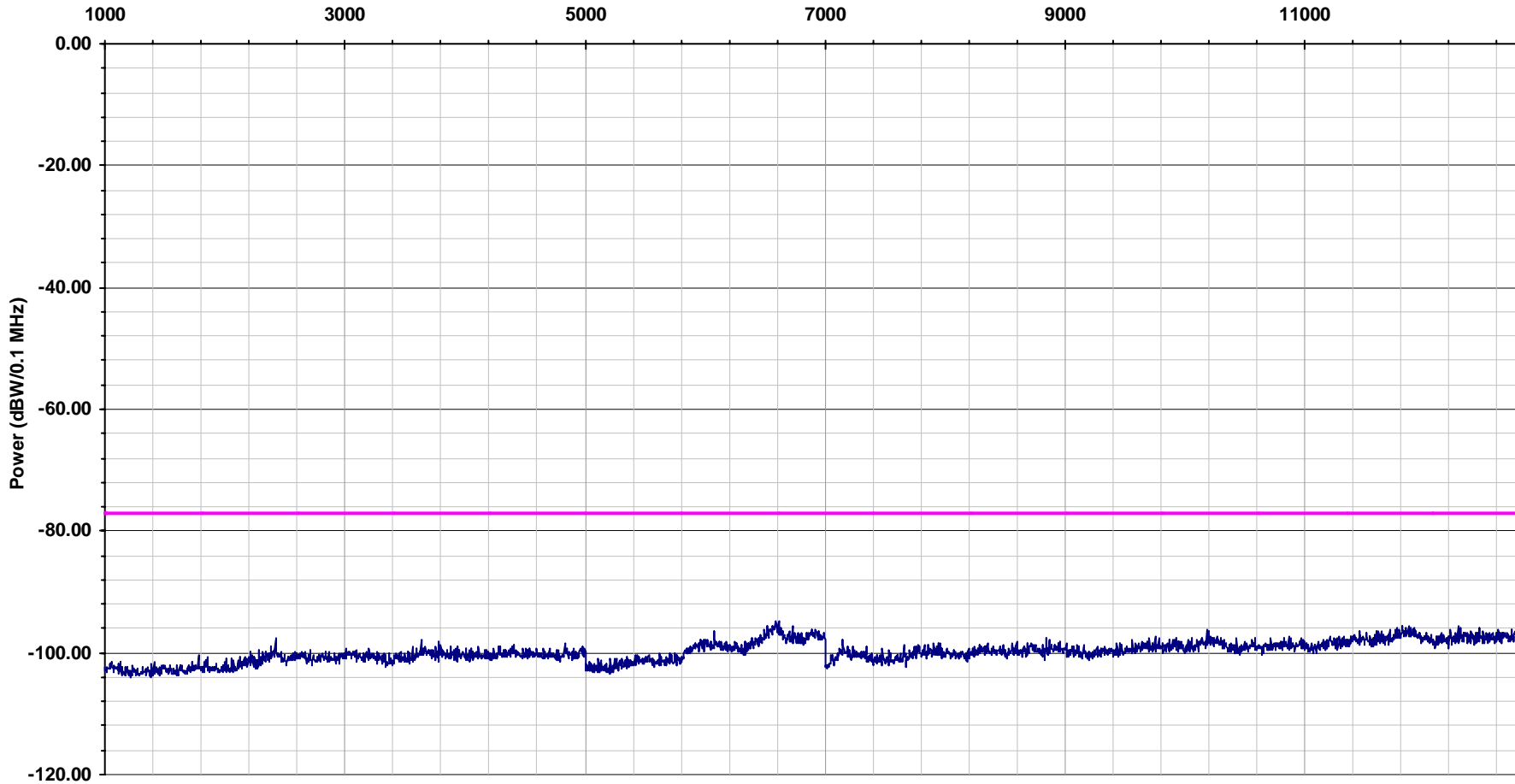
Max: -101.89 dBW @1000.0 MHz
Min: -108.72 dBW @30.0 MHz
Ave: -105.6233 dB

PlotTitle

Plot Number

Channel# 209 @ 25.00°C, 16.00V: ETSI Carrier Off RX Emissions: 1000.00MHz to 12750.00MHz

96



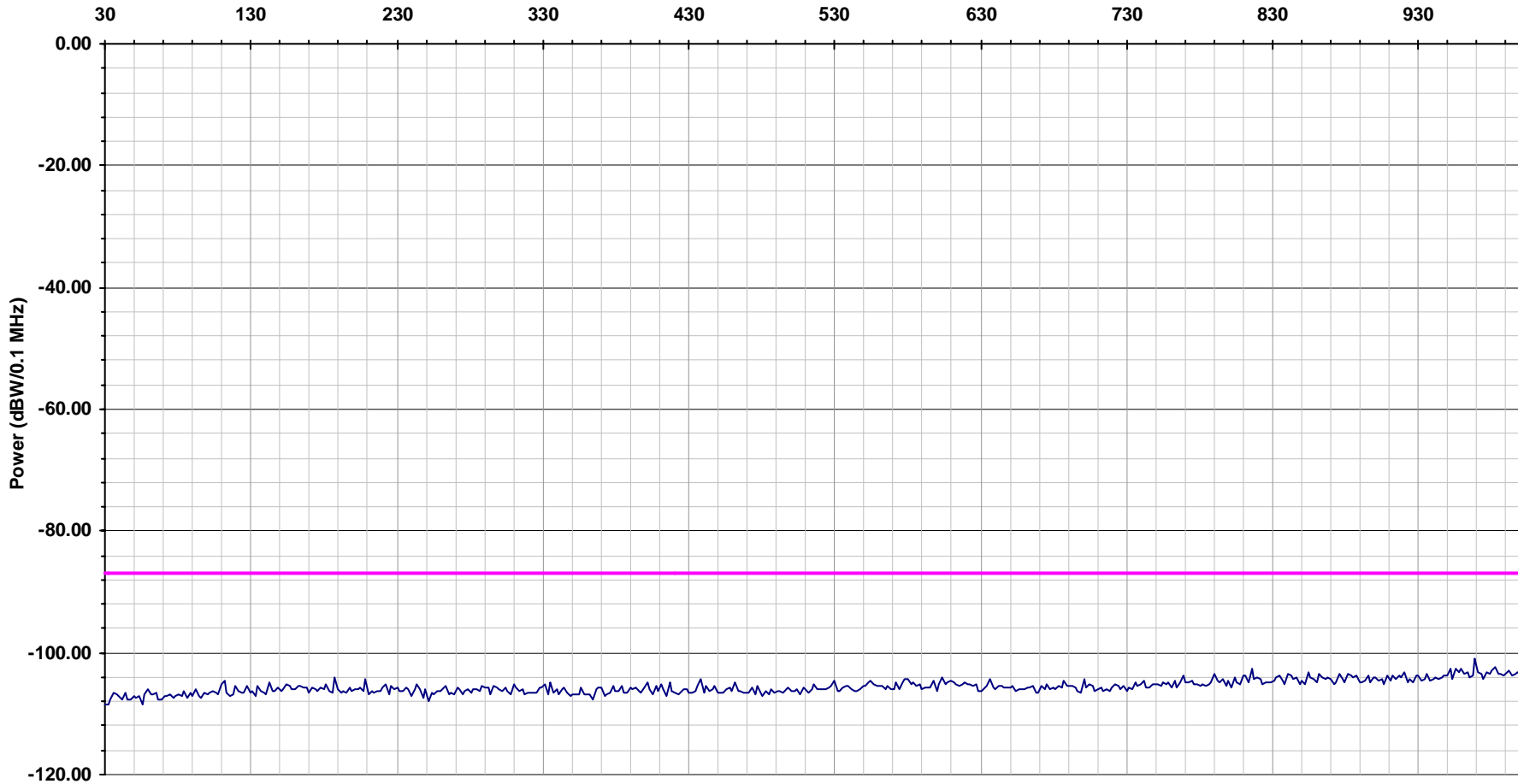
Max: -94.64 dBW @6583.1663 MHz
Min: -104.1 dBW @1380.7615 MHz Ave: -99.8041 dBW

PlotTitle

Plot Number

Channel# 209 @ 25.00°C, 10.50V: ETSI Carrier Off RX Emissions: 30.00MHz to 1000.00MHz

273



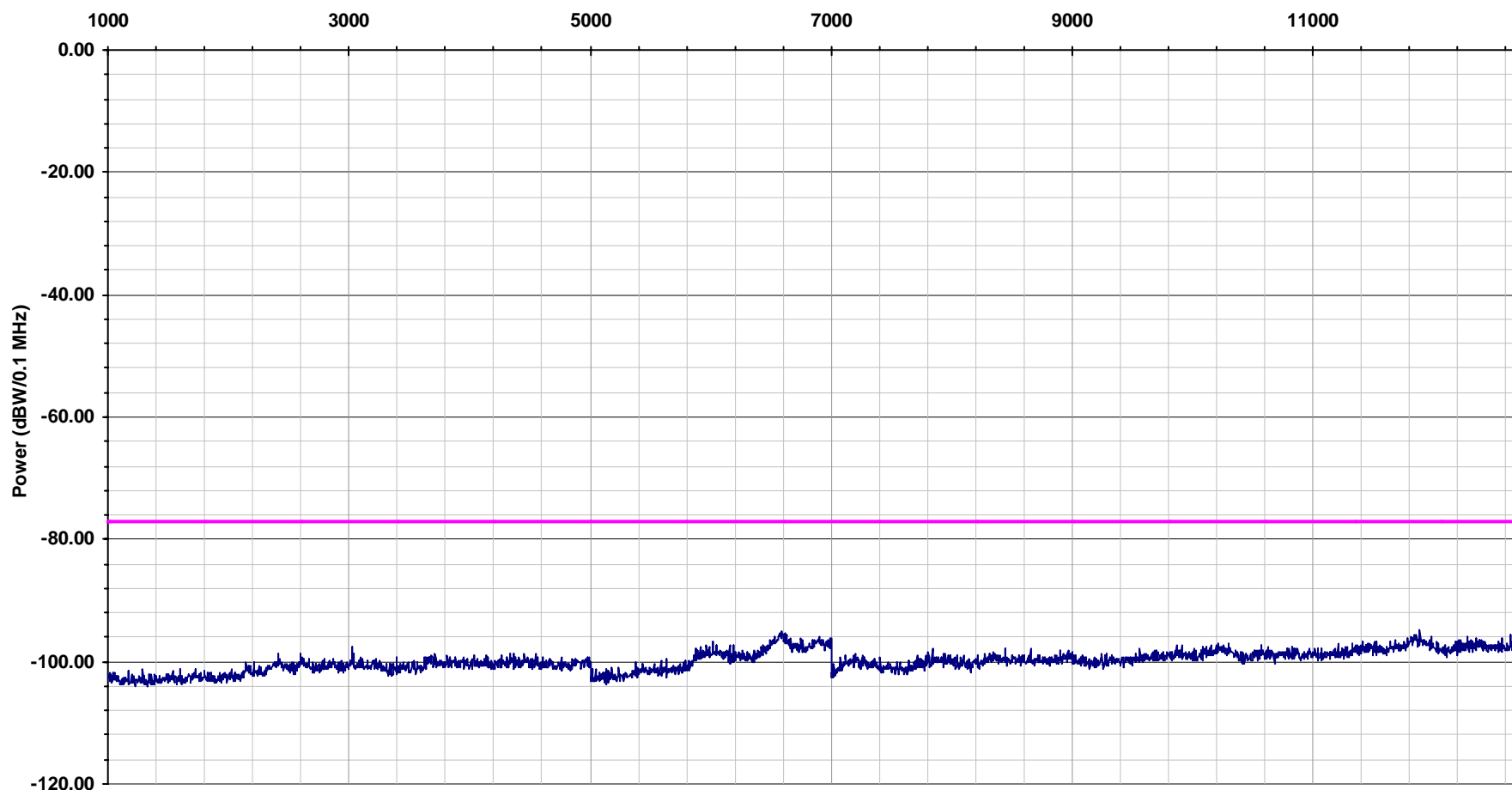
Max: -101.06 dBW @968.8978 MHz
Min: -108.54 dBW @55.2705 MHz Ave: -105.5628 dB

PlotTitle

Plot Number

Channel# 209 @ 25.00°C, 10.50V: ETSI Carrier Off RX Emissions: 1000.00MHz to 12750.00MHz

274



Max: -94.84 dBW @ 11887.2745 MHz
Min: -103.93 dBW @ 1328.6573 MHz Ave: -99.8274 dBW

Globalstar Compliance Lab Data Plots



Qualcomm GCK-1410 Hands Free Car Kit for MES used on the Globalstar System

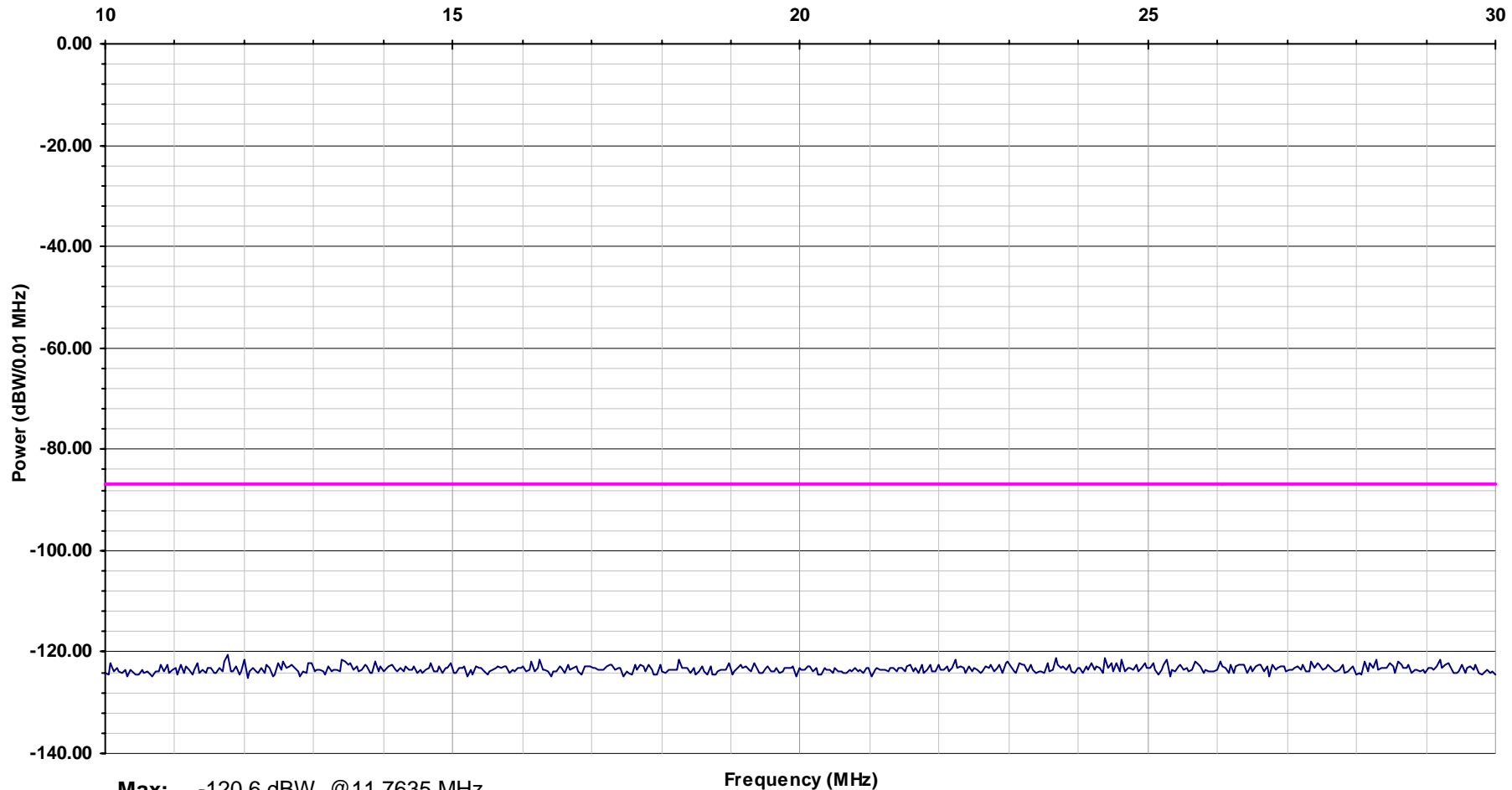
Annex A - Conducted Test Data

PlotTitle

Plot Number

Channel# 209 @25.00°C, 16.00V: ETSI Carrier Off TX Emissions: 10.00MHz to 30.00MHz

91



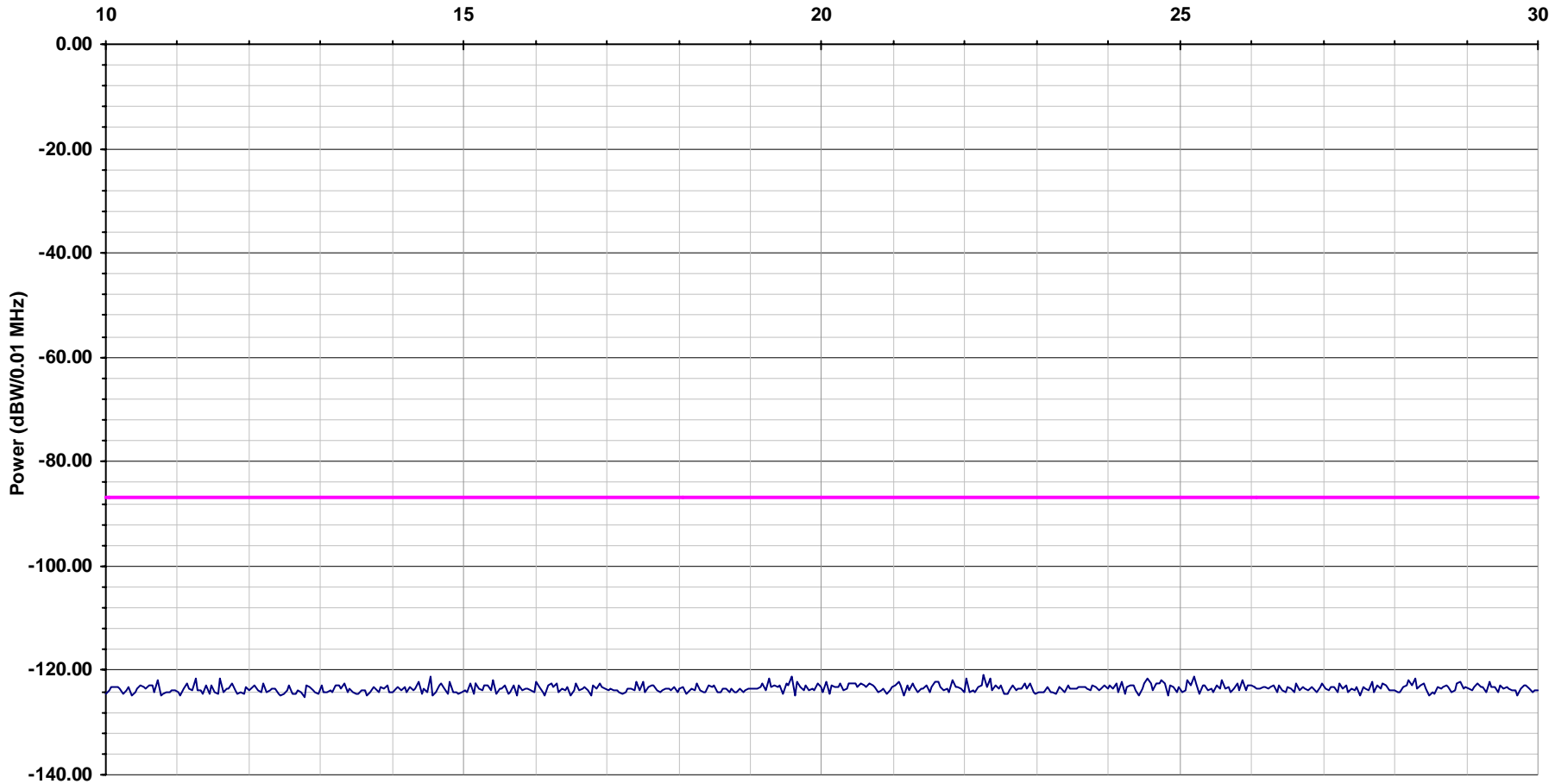
Max: -120.6 dBW @11.7635 MHz
Min: -125.08 dBW @12.0441 MHz **Ave:** -123.3457 dB

PlotTitle

Plot Number

Channel# 209 @25.00°C, 10.50V: ETSI Carrier Off TX Emissions: 10.00MHz to 30.00MHz

269



Max: -120.91 dBW @22.2645 MHz
Min: -125.14 dBW @12.7655 MHz **Ave:** -123.4387 dB

