

Head																																										
Mode	Service/Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test Position	Spacing	Measured Ig LAR (dBm)	Average Value of Time Saver (dBm)																																	
									Auto-Tune (Range)	0	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216	225	234	243	252	261	270	279	288
ISMB20	QPSK/4Q	888.8	251	N/A	N/A	Left Choke	0 mm	0.179	0.136	0.103	0.136	0.084	0.084	0	0.088	0.081	0	0	0.102	0.125	0	0	0.044	0.138	0.084	0	0.186	0.068	0.046	0	0.06	0.076	0.046	0	0.061	0.141	0.059	0	0	0.241	0.106	0
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>1</td><td>95</td><td>98</td><td>28</td><td>37</td><td>46</td><td>55</td><td>64</td><td>73</td><td>82</td><td>91</td><td>100</td><td>109</td><td>118</td><td>127</td><td>136</td><td>145</td><td>154</td><td>163</td><td>172</td><td>181</td><td>190</td><td>199</td><td>208</td><td>217</td><td>226</td><td>235</td><td>244</td><td>253</td><td>262</td><td>271</td><td>280</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>1</td><td>95</td><td>98</td><td>28</td><td>37</td><td>46</td><td>55</td><td>64</td><td>73</td><td>82</td><td>91</td><td>100</td><td>109</td><td>118</td><td>127</td><td>136</td><td>145</td><td>154</td><td>163</td><td>172</td><td>181</td><td>190</td><td>199</td><td>208</td><td>217</td><td>226</td><td>235</td><td>244</td><td>253</td><td>262</td><td>271</td><td>280</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>1</td> <td>95</td> <td>98</td> <td>28</td> <td>37</td> <td>46</td> <td>55</td> <td>64</td> <td>73</td> <td>82</td> <td>91</td> <td>100</td> <td>109</td> <td>118</td> <td>127</td> <td>136</td> <td>145</td> <td>154</td> <td>163</td> <td>172</td> <td>181</td> <td>190</td> <td>199</td> <td>208</td> <td>217</td> <td>226</td> <td>235</td> <td>244</td> <td>253</td> <td>262</td> <td>271</td> <td>280</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	1	95	98	28	37	46	55	64	73	82	91	100	109	118	127	136	145	154	163	172	181	190	199	208	217	226	235	244	253	262	271	280	
ISMB200	QPSK/4Q	1052.1	512	N/A	N/A	Right Choke	0 mm	0.124	0.16	0.054	0.088	0.301	0.108	0.082	0.102	0.104	0.111	0.102	0.101	0.101	0.11	0.108	0.101	0.101	0.107	0.099	0.097	0.101	0.098	0.1	0.111	0.108	0.107	0.1	0.110	0.105	0.103	0.11	0.118			
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>2</td><td>11</td><td>20</td><td>29</td><td>38</td><td>47</td><td>56</td><td>65</td><td>74</td><td>83</td><td>92</td><td>101</td><td>110</td><td>119</td><td>128</td><td>137</td><td>146</td><td>155</td><td>164</td><td>173</td><td>182</td><td>191</td><td>200</td><td>209</td><td>218</td><td>227</td><td>236</td><td>245</td><td>254</td><td>263</td><td>272</td><td>281</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>2</td><td>11</td><td>20</td><td>29</td><td>38</td><td>47</td><td>56</td><td>65</td><td>74</td><td>83</td><td>92</td><td>101</td><td>110</td><td>119</td><td>128</td><td>137</td><td>146</td><td>155</td><td>164</td><td>173</td><td>182</td><td>191</td><td>200</td><td>209</td><td>218</td><td>227</td><td>236</td><td>245</td><td>254</td><td>263</td><td>272</td><td>281</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>2</td> <td>11</td> <td>20</td> <td>29</td> <td>38</td> <td>47</td> <td>56</td> <td>65</td> <td>74</td> <td>83</td> <td>92</td> <td>101</td> <td>110</td> <td>119</td> <td>128</td> <td>137</td> <td>146</td> <td>155</td> <td>164</td> <td>173</td> <td>182</td> <td>191</td> <td>200</td> <td>209</td> <td>218</td> <td>227</td> <td>236</td> <td>245</td> <td>254</td> <td>263</td> <td>272</td> <td>281</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	2	11	20	29	38	47	56	65	74	83	92	101	110	119	128	137	146	155	164	173	182	191	200	209	218	227	236	245	254	263	272	281	
ISCBMA Band V	8PSK/12	888.8	4201	N/A	N/A	Left Choke	0 mm	0.151	0.185	0.057	0.159	0.124	0.085	0	0.074	0.079	0.083	0	0.109	0.145	0.11	0	0.082	0.109	0.085	0	0.131	0.146	0.072	0.072	0.068	0.066	0.06	0.06	0.09	0.183	0.102	0.074	0	0.02	0.094	0.052
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>3</td><td>12</td><td>21</td><td>30</td><td>39</td><td>48</td><td>57</td><td>66</td><td>75</td><td>84</td><td>93</td><td>102</td><td>111</td><td>120</td><td>129</td><td>138</td><td>147</td><td>156</td><td>165</td><td>174</td><td>183</td><td>192</td><td>201</td><td>210</td><td>219</td><td>228</td><td>237</td><td>246</td><td>255</td><td>264</td><td>273</td><td>282</td><td>291</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>3</td><td>12</td><td>21</td><td>30</td><td>39</td><td>48</td><td>57</td><td>66</td><td>75</td><td>84</td><td>93</td><td>102</td><td>111</td><td>120</td><td>129</td><td>138</td><td>147</td><td>156</td><td>165</td><td>174</td><td>183</td><td>192</td><td>201</td><td>210</td><td>219</td><td>228</td><td>237</td><td>246</td><td>255</td><td>264</td><td>273</td><td>282</td><td>291</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>3</td> <td>12</td> <td>21</td> <td>30</td> <td>39</td> <td>48</td> <td>57</td> <td>66</td> <td>75</td> <td>84</td> <td>93</td> <td>102</td> <td>111</td> <td>120</td> <td>129</td> <td>138</td> <td>147</td> <td>156</td> <td>165</td> <td>174</td> <td>183</td> <td>192</td> <td>201</td> <td>210</td> <td>219</td> <td>228</td> <td>237</td> <td>246</td> <td>255</td> <td>264</td> <td>273</td> <td>282</td> <td>291</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	3	12	21	30	39	48	57	66	75	84	93	102	111	120	129	138	147	156	165	174	183	192	201	210	219	228	237	246	255	264	273	282	291
ISCBMA Band IV	8PSK/12	1751.5	1511	N/A	N/A	Right Choke	0 mm	0.19	0.11	0.14	0.149	0.151	0.175	0.17	0.151	0.158	0.165	0.169	0.157	0.157	0.184	0.184	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>4</td><td>13</td><td>22</td><td>31</td><td>40</td><td>49</td><td>58</td><td>67</td><td>76</td><td>85</td><td>94</td><td>103</td><td>112</td><td>121</td><td>130</td><td>139</td><td>148</td><td>157</td><td>166</td><td>175</td><td>184</td><td>193</td><td>202</td><td>211</td><td>220</td><td>229</td><td>238</td><td>247</td><td>256</td><td>265</td><td>274</td><td>283</td><td>292</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>4</td><td>13</td><td>22</td><td>31</td><td>40</td><td>49</td><td>58</td><td>67</td><td>76</td><td>85</td><td>94</td><td>103</td><td>112</td><td>121</td><td>130</td><td>139</td><td>148</td><td>157</td><td>166</td><td>175</td><td>184</td><td>193</td><td>202</td><td>211</td><td>220</td><td>229</td><td>238</td><td>247</td><td>256</td><td>265</td><td>274</td><td>283</td><td>292</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>4</td> <td>13</td> <td>22</td> <td>31</td> <td>40</td> <td>49</td> <td>58</td> <td>67</td> <td>76</td> <td>85</td> <td>94</td> <td>103</td> <td>112</td> <td>121</td> <td>130</td> <td>139</td> <td>148</td> <td>157</td> <td>166</td> <td>175</td> <td>184</td> <td>193</td> <td>202</td> <td>211</td> <td>220</td> <td>229</td> <td>238</td> <td>247</td> <td>256</td> <td>265</td> <td>274</td> <td>283</td> <td>292</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	4	13	22	31	40	49	58	67	76	85	94	103	112	121	130	139	148	157	166	175	184	193	202	211	220	229	238	247	256	265	274	283	292
ISCBMA Band I	8PSK/12	1887.9	9539	N/A	N/A	Right Choke	0 mm	0.189	0.118	0.1	0.115	0.1	0.094	0.111	0.111	0.109	0.108	0.095	0.114	0.105	0.094	0.088	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>5</td><td>14</td><td>23</td><td>32</td><td>41</td><td>50</td><td>59</td><td>68</td><td>77</td><td>86</td><td>95</td><td>104</td><td>113</td><td>122</td><td>131</td><td>140</td><td>149</td><td>158</td><td>167</td><td>176</td><td>185</td><td>194</td><td>203</td><td>212</td><td>221</td><td>230</td><td>239</td><td>248</td><td>257</td><td>266</td><td>275</td><td>284</td><td>293</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>5</td><td>14</td><td>23</td><td>32</td><td>41</td><td>50</td><td>59</td><td>68</td><td>77</td><td>86</td><td>95</td><td>104</td><td>113</td><td>122</td><td>131</td><td>140</td><td>149</td><td>158</td><td>167</td><td>176</td><td>185</td><td>194</td><td>203</td><td>212</td><td>221</td><td>230</td><td>239</td><td>248</td><td>257</td><td>266</td><td>275</td><td>284</td><td>293</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>5</td> <td>14</td> <td>23</td> <td>32</td> <td>41</td> <td>50</td> <td>59</td> <td>68</td> <td>77</td> <td>86</td> <td>95</td> <td>104</td> <td>113</td> <td>122</td> <td>131</td> <td>140</td> <td>149</td> <td>158</td> <td>167</td> <td>176</td> <td>185</td> <td>194</td> <td>203</td> <td>212</td> <td>221</td> <td>230</td> <td>239</td> <td>248</td> <td>257</td> <td>266</td> <td>275</td> <td>284</td> <td>293</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	5	14	23	32	41	50	59	68	77	86	95	104	113	122	131	140	149	158	167	176	185	194	203	212	221	230	239	248	257	266	275	284	293
ISCBMA Band I	8PSK/12	1975.5	1511	N/A	N/A	Right Choke	0 mm	0.189	0.118	0.1	0.115	0.1	0.094	0.111	0.111	0.109	0.108	0.095	0.114	0.105	0.094	0.088	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>6</td><td>15</td><td>24</td><td>33</td><td>42</td><td>51</td><td>60</td><td>69</td><td>78</td><td>87</td><td>96</td><td>105</td><td>114</td><td>123</td><td>132</td><td>141</td><td>150</td><td>159</td><td>168</td><td>177</td><td>186</td><td>195</td><td>204</td><td>213</td><td>222</td><td>231</td><td>240</td><td>249</td><td>258</td><td>267</td><td>276</td><td>285</td><td>294</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>6</td><td>15</td><td>24</td><td>33</td><td>42</td><td>51</td><td>60</td><td>69</td><td>78</td><td>87</td><td>96</td><td>105</td><td>114</td><td>123</td><td>132</td><td>141</td><td>150</td><td>159</td><td>168</td><td>177</td><td>186</td><td>195</td><td>204</td><td>213</td><td>222</td><td>231</td><td>240</td><td>249</td><td>258</td><td>267</td><td>276</td><td>285</td><td>294</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>6</td> <td>15</td> <td>24</td> <td>33</td> <td>42</td> <td>51</td> <td>60</td> <td>69</td> <td>78</td> <td>87</td> <td>96</td> <td>105</td> <td>114</td> <td>123</td> <td>132</td> <td>141</td> <td>150</td> <td>159</td> <td>168</td> <td>177</td> <td>186</td> <td>195</td> <td>204</td> <td>213</td> <td>222</td> <td>231</td> <td>240</td> <td>249</td> <td>258</td> <td>267</td> <td>276</td> <td>285</td> <td>294</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	6	15	24	33	42	51	60	69	78	87	96	105	114	123	132	141	150	159	168	177	186	195	204	213	222	231	240	249	258	267	276	285	294
ISCBMA Band I	8PSK/12	1975.5	1511	N/A	N/A	Right Choke	0 mm	0.189	0.118	0.1	0.115	0.1	0.094	0.111	0.111	0.109	0.108	0.095	0.114	0.105	0.094	0.088	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>7</td><td>16</td><td>25</td><td>34</td><td>43</td><td>52</td><td>61</td><td>70</td><td>79</td><td>88</td><td>97</td><td>106</td><td>115</td><td>124</td><td>133</td><td>142</td><td>151</td><td>160</td><td>169</td><td>178</td><td>187</td><td>196</td><td>205</td><td>214</td><td>223</td><td>232</td><td>241</td><td>250</td><td>259</td><td>268</td><td>277</td><td>286</td><td>295</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>7</td><td>16</td><td>25</td><td>34</td><td>43</td><td>52</td><td>61</td><td>70</td><td>79</td><td>88</td><td>97</td><td>106</td><td>115</td><td>124</td><td>133</td><td>142</td><td>151</td><td>160</td><td>169</td><td>178</td><td>187</td><td>196</td><td>205</td><td>214</td><td>223</td><td>232</td><td>241</td><td>250</td><td>259</td><td>268</td><td>277</td><td>286</td><td>295</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>7</td> <td>16</td> <td>25</td> <td>34</td> <td>43</td> <td>52</td> <td>61</td> <td>70</td> <td>79</td> <td>88</td> <td>97</td> <td>106</td> <td>115</td> <td>124</td> <td>133</td> <td>142</td> <td>151</td> <td>160</td> <td>169</td> <td>178</td> <td>187</td> <td>196</td> <td>205</td> <td>214</td> <td>223</td> <td>232</td> <td>241</td> <td>250</td> <td>259</td> <td>268</td> <td>277</td> <td>286</td> <td>295</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	7	16	25	34	43	52	61	70	79	88	97	106	115	124	133	142	151	160	169	178	187	196	205	214	223	232	241	250	259	268	277	286	295
ISCBMA Band I	8PSK/12	1975.5	1511	N/A	N/A	Right Choke	0 mm	0.189	0.118	0.1	0.115	0.1	0.094	0.111	0.111	0.109	0.108	0.095	0.114	0.105	0.094	0.088	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>8</td><td>17</td><td>26</td><td>35</td><td>44</td><td>53</td><td>62</td><td>71</td><td>80</td><td>89</td><td>98</td><td>107</td><td>116</td><td>125</td><td>134</td><td>143</td><td>152</td><td>161</td><td>170</td><td>179</td><td>188</td><td>197</td><td>206</td><td>215</td><td>224</td><td>233</td><td>242</td><td>251</td><td>260</td><td>269</td><td>278</td><td>287</td><td>296</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>8</td><td>17</td><td>26</td><td>35</td><td>44</td><td>53</td><td>62</td><td>71</td><td>80</td><td>89</td><td>98</td><td>107</td><td>116</td><td>125</td><td>134</td><td>143</td><td>152</td><td>161</td><td>170</td><td>179</td><td>188</td><td>197</td><td>206</td><td>215</td><td>224</td><td>233</td><td>242</td><td>251</td><td>260</td><td>269</td><td>278</td><td>287</td><td>296</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>8</td> <td>17</td> <td>26</td> <td>35</td> <td>44</td> <td>53</td> <td>62</td> <td>71</td> <td>80</td> <td>89</td> <td>98</td> <td>107</td> <td>116</td> <td>125</td> <td>134</td> <td>143</td> <td>152</td> <td>161</td> <td>170</td> <td>179</td> <td>188</td> <td>197</td> <td>206</td> <td>215</td> <td>224</td> <td>233</td> <td>242</td> <td>251</td> <td>260</td> <td>269</td> <td>278</td> <td>287</td> <td>296</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	8	17	26	35	44	53	62	71	80	89	98	107	116	125	134	143	152	161	170	179	188	197	206	215	224	233	242	251	260	269	278	287	296
ISCBMA Band I	8PSK/12	1975.5	1511	N/A	N/A	Right Choke	0 mm	0.189	0.118	0.1	0.115	0.1	0.094	0.111	0.111	0.109	0.108	0.095	0.114	0.105	0.094	0.088	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Mode	Service/Modulation	Frequency (MHz)	Channel <td>RB Size<td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>9</td><td>18</td><td>27</td><td>36</td><td>45</td><td>54</td><td>63</td><td>72</td><td>81</td><td>90</td><td>99</td><td>108</td><td>117</td><td>126</td><td>135</td><td>144</td><td>153</td><td>162</td><td>171</td><td>180</td><td>189</td><td>198</td><td>207</td><td>216</td><td>225</td><td>234</td><td>243</td><td>252</td><td>261</td><td>270</td><td>279</td><td>288</td><td>297</td></td></td>	RB Size <td>RB Offset<td>Test Position</td><td>Spacing</td><td>Measured Ig LAR (dBm)</td><td>Auto-Tune (Range)</td><td>9</td><td>18</td><td>27</td><td>36</td><td>45</td><td>54</td><td>63</td><td>72</td><td>81</td><td>90</td><td>99</td><td>108</td><td>117</td><td>126</td><td>135</td><td>144</td><td>153</td><td>162</td><td>171</td><td>180</td><td>189</td><td>198</td><td>207</td><td>216</td><td>225</td><td>234</td><td>243</td><td>252</td><td>261</td><td>270</td><td>279</td><td>288</td><td>297</td></td>	RB Offset <td>Test Position</td> <td>Spacing</td> <td>Measured Ig LAR (dBm)</td> <td>Auto-Tune (Range)</td> <td>9</td> <td>18</td> <td>27</td> <td>36</td> <td>45</td> <td>54</td> <td>63</td> <td>72</td> <td>81</td> <td>90</td> <td>99</td> <td>108</td> <td>117</td> <td>126</td> <td>135</td> <td>144</td> <td>153</td> <td>162</td> <td>171</td> <td>180</td> <td>189</td> <td>198</td> <td>207</td> <td>216</td> <td>225</td> <td>234</td> <td>243</td> <td>252</td> <td>261</td> <td>270</td> <td>279</td> <td>288</td> <td>297</td>	Test Position	Spacing	Measured Ig LAR (dBm)	Auto-Tune (Range)	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216	225	234	243	252	261	270	279	288	297
ISCBMA Band I	8PSK/12	1975.5	1511	N/A	N/A	Right Choke	0 mm	0.189	0.118	0.1	0.115	0.1	0.094	0.111	0.111	0.109	0.108	0.095	0.114	0.105	0.094	0.088	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115

Body																																										
Mode	Service/ Modulation	Frequency [MHz]	Channel	RB Size	RB Offset	Test Position	Spacing	Measured Ig S45 [mWg]	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	0	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216	225	234	243	252	261	270	279	288
OSDM20	QPSK4T4 auto	836.4	180	N/A	N/A	Back	5 mm	0.983	0.901	0.185	0.885	0.428	0.521	0.076	0.181	0.163	0.177	0.118	0.715	0.059	0.242	0.147	0.153	0.708	0.232	0.117	0.111	0.132	0.226	0.203	0.271	0.464	0.31	0.14	0.189	0.866	0.414	0.189	0.045	0.455	0.458	0.181
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	1	10	19	28	37	46	55	64	73	82	91	100	109	118	127	136	145	154	163	172	181	190	199	208	217	226	235	244	253	262	271	280	289
OSDM300	QPSK4T4 auto	852.2	512	N/A	N/A	Bottom side	5 mm	0.81	0.843	0.428	0.383	0.611	0.089	0.13	0.14	0.176	0.106	0.594	0.129	0.192	0.826	0.138	0.850	0.179	0.339	0.454	0.174	0.107	0.128	0.633	0.176	0.177	0.191	0.1	0.617	0.19	0.803	0.033	0.058	0.178	0.179	
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	2	11	20	29	38	47	56	65	74	83	92	101	110	119	128	137	146	155	164	173	182 <td>191</td> <td>200</td> <td>209</td> <td>218</td> <td>227</td> <td>236</td> <td>245</td> <td>254</td> <td>263</td> <td>272</td> <td>281</td> <td>290</td>	191	200	209	218	227	236	245	254	263	272	281	290
OSDMA Band V	FM12.20bps	846.6	480	N/A	N/A	Back	5 mm	0.893	0.824	0.345	0.733	0.569	0.49	0.086	0.181	0.165	0.207	0.133	0.805	0.053	0.497	0.089	0.111	0.518	0.12	0.138	0.464	0.038	0.409	0.071	0.247	0.078	0.116	0.237	0.51	0.788	0.474	0.117	0.137	0.158	0.424	0.289
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	3	12	21	30	39	48	57	66	75	84	93	102	111	120	129	138	147	156	165	174	183	192	201 <td>210<td>219<td>228<td>237<td>246</td><td>255</td><td>264</td><td>273</td><td>282</td><td>291</td></td></td></td></td>	210 <td>219<td>228<td>237<td>246</td><td>255</td><td>264</td><td>273</td><td>282</td><td>291</td></td></td></td>	219 <td>228<td>237<td>246</td><td>255</td><td>264</td><td>273</td><td>282</td><td>291</td></td></td>	228 <td>237<td>246</td><td>255</td><td>264</td><td>273</td><td>282</td><td>291</td></td>	237 <td>246</td> <td>255</td> <td>264</td> <td>273</td> <td>282</td> <td>291</td>	246	255	264	273	282	291
OSDMA Band IV	FM12.12bps	1712.1	1512	N/A	N/A	Bottom side	5 mm	0.765	0.813	0.528	0.527	0.705	0.643	0.719	0.767	0.821	0.893	0.957	0.705	0.838	0.718	0.7779	0.763	0.854	0.81	0.521	0.1	0.107	0.709	0.752	0.772	0.802	0.851	0.584	0.705	0.773	0.739	1.021	0.824	0.816		
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	4	13	22	31	40	49	58	67	76	85 <td>94</td> <td>103</td> <td>112</td> <td>121</td> <td>130</td> <td>139</td> <td>148</td> <td>157</td> <td>166</td> <td>175</td> <td>184</td> <td>193</td> <td>202</td> <td>211</td> <td>220</td> <td>229</td> <td>238</td> <td>247</td> <td>256</td> <td>265</td> <td>274</td> <td>283</td> <td>292</td>	94	103	112	121	130	139	148	157	166	175	184	193	202	211	220	229	238	247	256	265	274	283	292
OSDMA Band II	FM12.20bps	1907.6	958	N/A	N/A	Bottom side	5 mm	0.759	0.863	0.525	0.758	0.763	0.622	0.795	0.788	0.817	0.494	0.718	0.858	0.883	0.588	0.836	0.845	0.771	0.582	0.635	0.711	0.707	0.773	0.682	0.743	0.79	0.808	0.672	0.8	0.838	0.838	0.121	0.778	0.954	0.861	
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	5	14	23	32	41	50	59	68	77	86 <td>95</td> <td>104</td> <td>113</td> <td>122</td> <td>131</td> <td>140</td> <td>149</td> <td>158</td> <td>167</td> <td>176</td> <td>185</td> <td>194</td> <td>203</td> <td>212</td> <td>221</td> <td>230</td> <td>239</td> <td>248</td> <td>257</td> <td>266</td> <td>275</td> <td>284</td> <td>293</td>	95	104	113	122	131	140	149	158	167	176	185	194	203	212	221	230	239	248	257	266	275	284	293
LTE B12	20M-QPSK	707.5	23006	1	000000	Back	5 mm	0.577	0.158	0.305	0.302	0.371	0.418	0.088	0.206	0.225	0.386	0.056	0.113	0.282	0.474	0	0.2113	0.266	0.632	0.098	0.361	0.29	0.358	0.091	0.156	0.275	0.298	0.154	0.061	0.215	0.475	0.488	0.192	0.617	0.508	
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	6	15	24	33	42	51	60	69	78	87	96	105	114	123	132	141	150	159	168	177	186	195	204	213	222	231	240	249	258	267	276	285	294
LTE B5	20M-QPSK	836.5	20525	188	000000	Back	5 mm	0.589	0.872	0.538	0.678	0.555	0.611	0.21	0.389	0.18	0.272	0.129	0.865	0.613	0.137	0.09	0.478	0.524	0.12	0.286	0.72	0.92	0.5	0.1	0.017	0.087	0.037	0.108	0.809	0.748	0.599	0.111	0.47	0.558	0.363	0.122
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	7	16	25	34	43	52	61	70	79	88	97	106	115	124	133	142	151	160	169	178	187	196	205	214	223	232	241	250	259	268	277	286	295
LTE B4	20M-QPSK	1712.1	20525	5088	040000	Bottom side	5 mm	0.596	0.135	0.744	0.895	0.995	0.991	1.05	1.11	1.08	1.13	0.787	0.951	1.05	1.15	0.995	1.06	1.13	1.16	0.9	0.726	0.847	0.905	0.889	0.958	1.018	1.064	0.906	0.98	1.04	0.873	1.1	1.06	1.05	1.05	
Mode	Service/ Modulation <td rowspan="2">Frequency [MHz]<td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td></td>	Frequency [MHz] <td rowspan="2">Channel<td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td></td>	Channel <td rowspan="2">RB Size<td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td></td>	RB Size <td rowspan="2">RB Offset<td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td></td>	RB Offset <td rowspan="2">Test Position<td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td></td>	Test Position <td rowspan="2">Spacing<td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td></td>	Spacing <td rowspan="2">Measured Ig S45 [mWg]<th colspan="30">Average Value of Time Sweeping [dBm]</th></td>	Measured Ig S45 [mWg] <th colspan="30">Average Value of Time Sweeping [dBm]</th>	Average Value of Time Sweeping [dBm]																																	
									Auto-Tune [dBm]	8	17	26	35	44	53	62	71	80	89	98	107	116	125	134	143	152	161	170	179	188	197	206	215	224	233	242	251	260	269	278	287	296
LTE B2	20M-QPSK	1907	15100	5088	040000	Bottom side	5 mm	0.524	1.108	0.785	0.867	0.995	1.05	0.853	0.894	1.05	0.981	0.704	0.93	1.03	1.02	0.823	0.898	0.778	0.993	0.681	0.834	0.893	0.519	0.72	0.629	0.679	1.04	0.68	0.93	0.94	1.01	0.708	0.917	1	1.01	