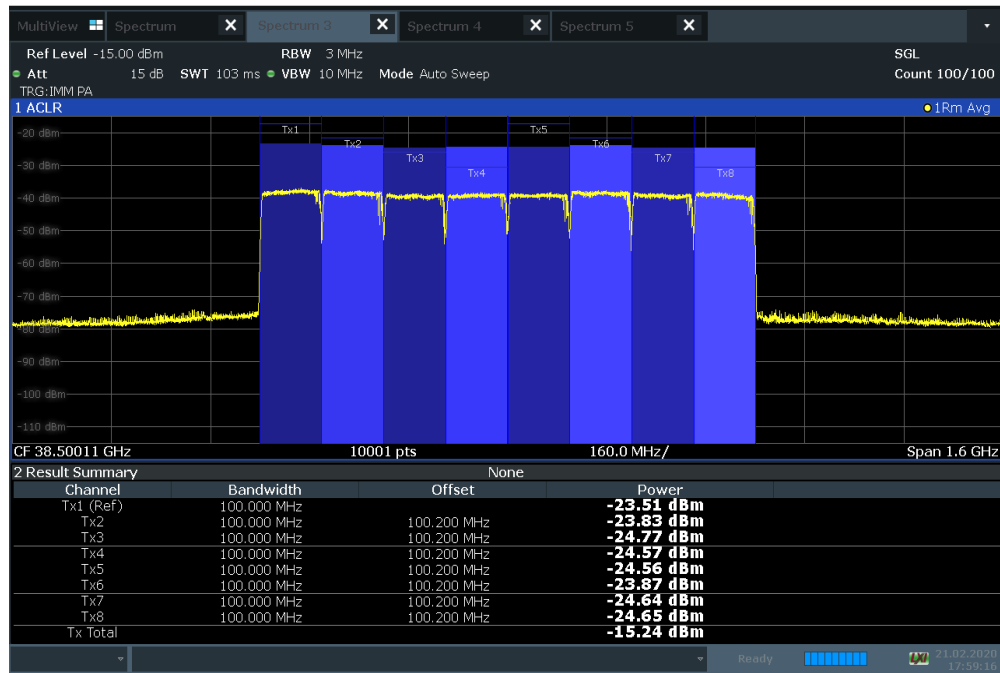


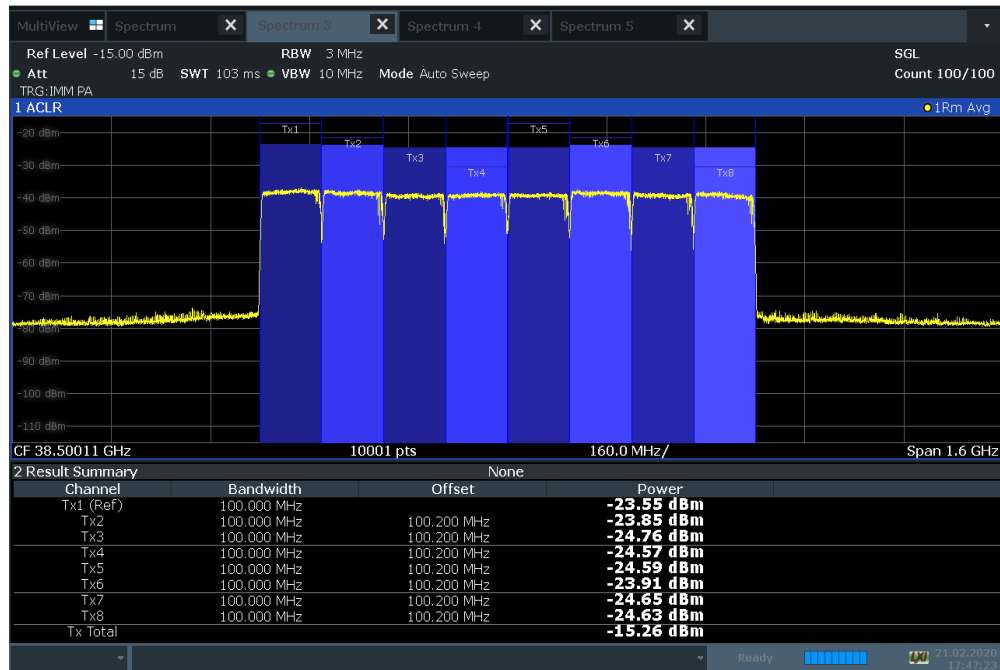
ACLRRResults



17:59:16 21.02.2020

Plot 7-77. Antenna A EIRP Density Plot (100MHz BW 8CC 16QAM Mid Channel)

ACLRRResults

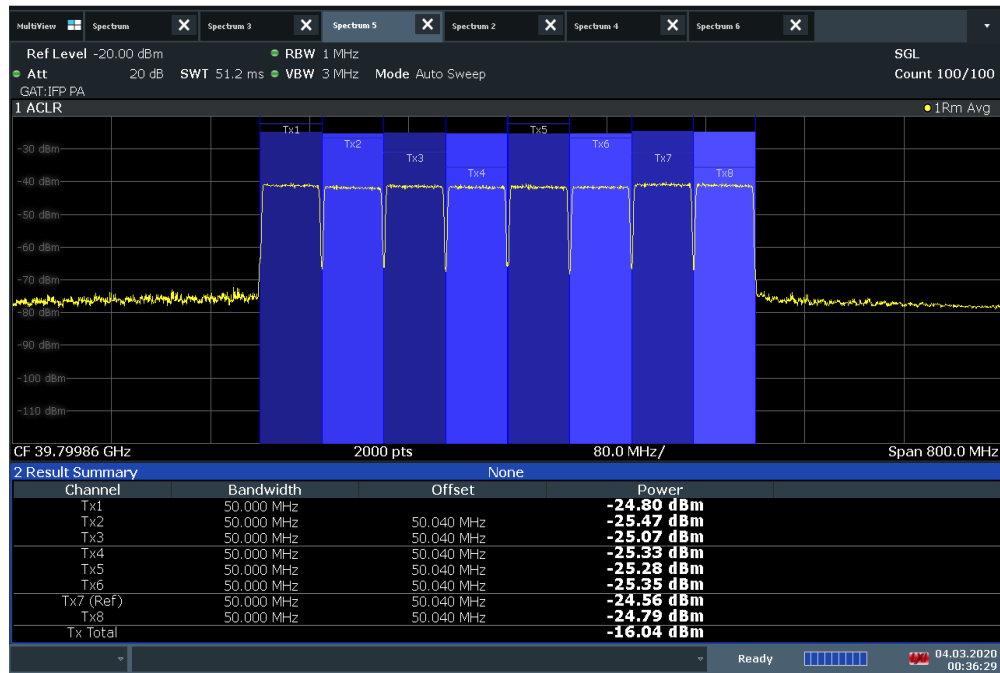


17:47:24 21.02.2020

Plot 7-78. Antenna A EIRP Density Plot (100MHz BW 8CC 64QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 64 of 356

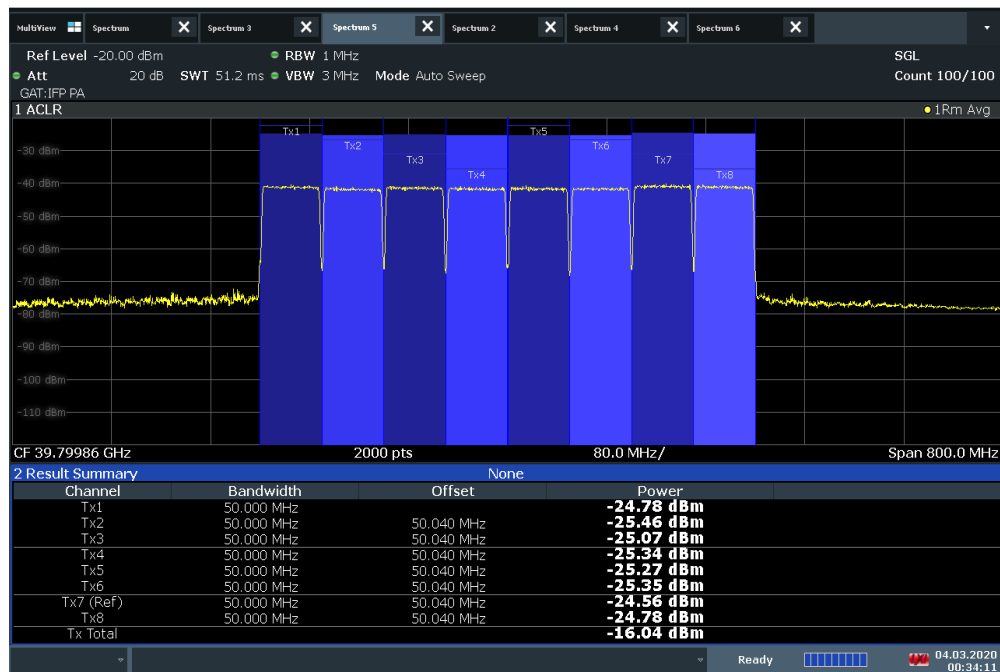
ACLRResults



00:36:30 04.03.2020

Plot 7-79. Antenna A EIRP Density Plot (50MHz BW 8CC QPSK High Channel)

ACLRResults

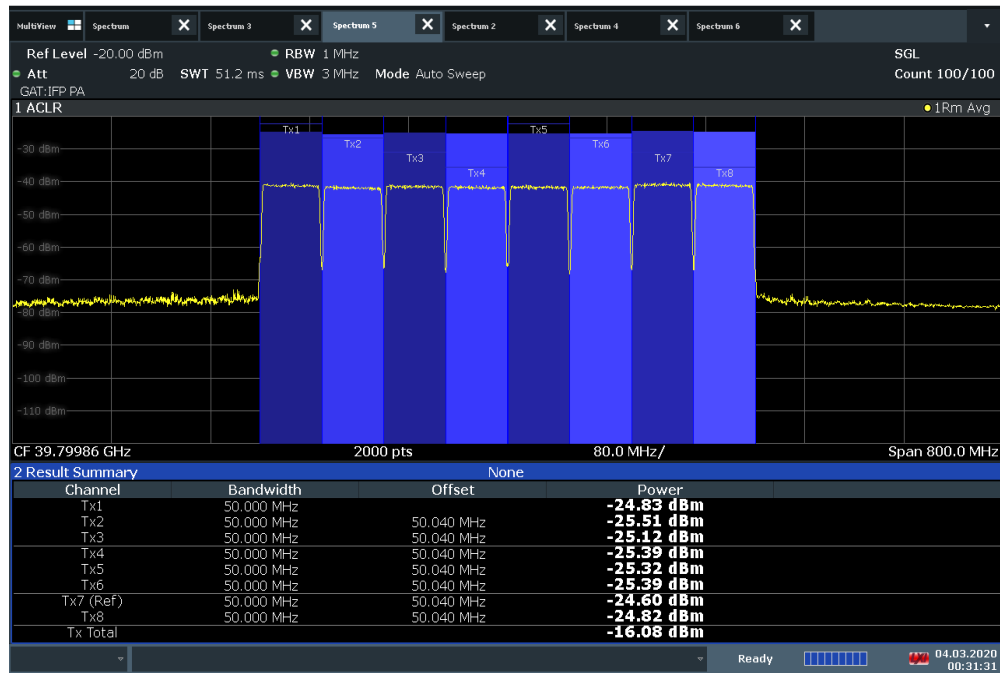


00:34:12 04.03.2020

Plot 7-80. Antenna A EIRP Density Plot (50MHz BW 8CC 16QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 65 of 356

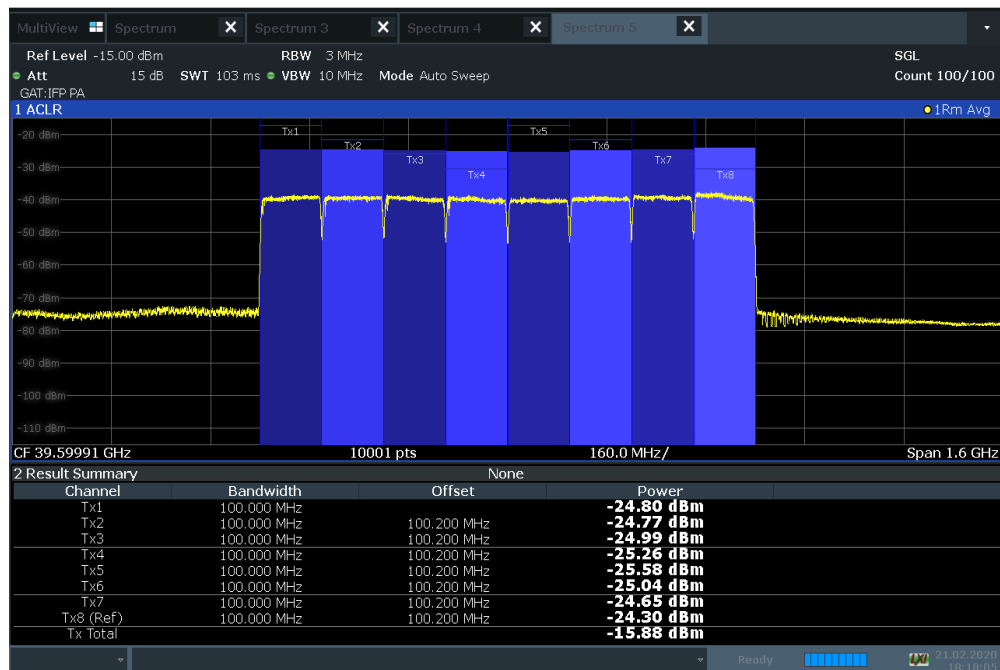
ACLRResults



00:31:32 04.03.2020

Plot 7-81. Antenna A EIRP Density Plot (50MHz BW 8CC 64QAM High Channel)

ACLRResults

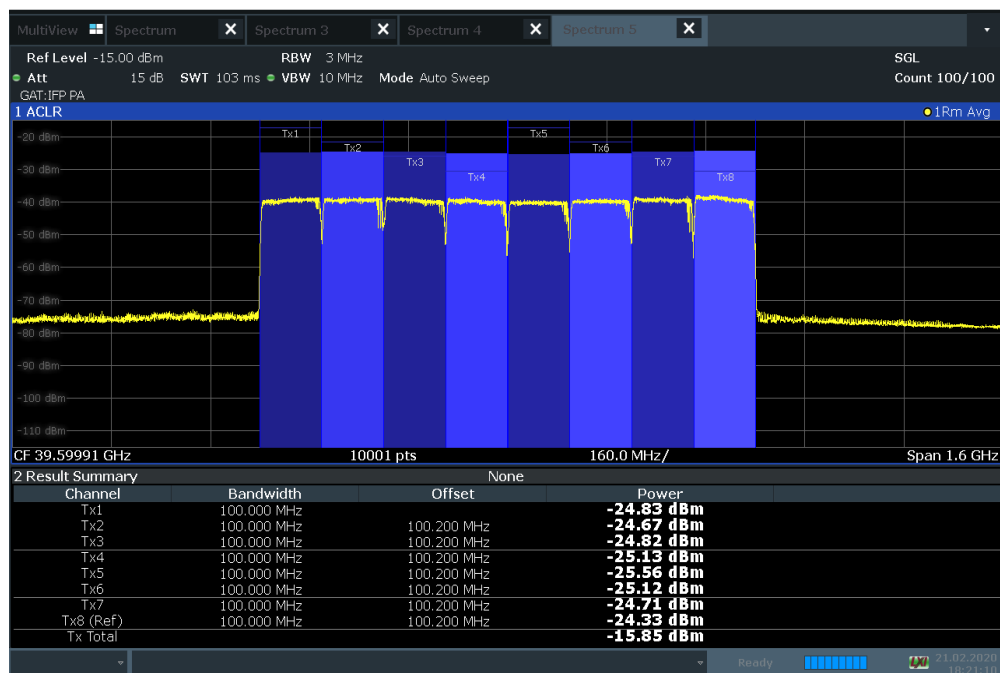


18:18:05 21.02.2020

Plot 7-82. Antenna A EIRP Density Plot (100MHz BW 8CC QPSK High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 66 of 356

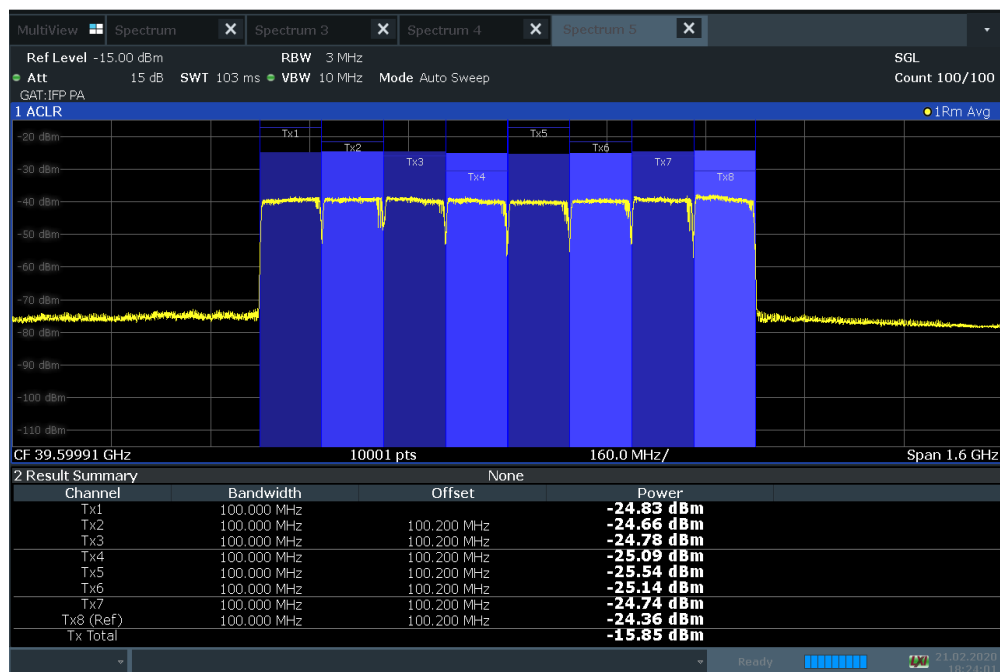
ACLRResults



18:21:11 21.02.2020

Plot 7-83. Antenna A EIRP Density Plot (100MHz BW 8CC 16QAM High Channel)

ACLRResults

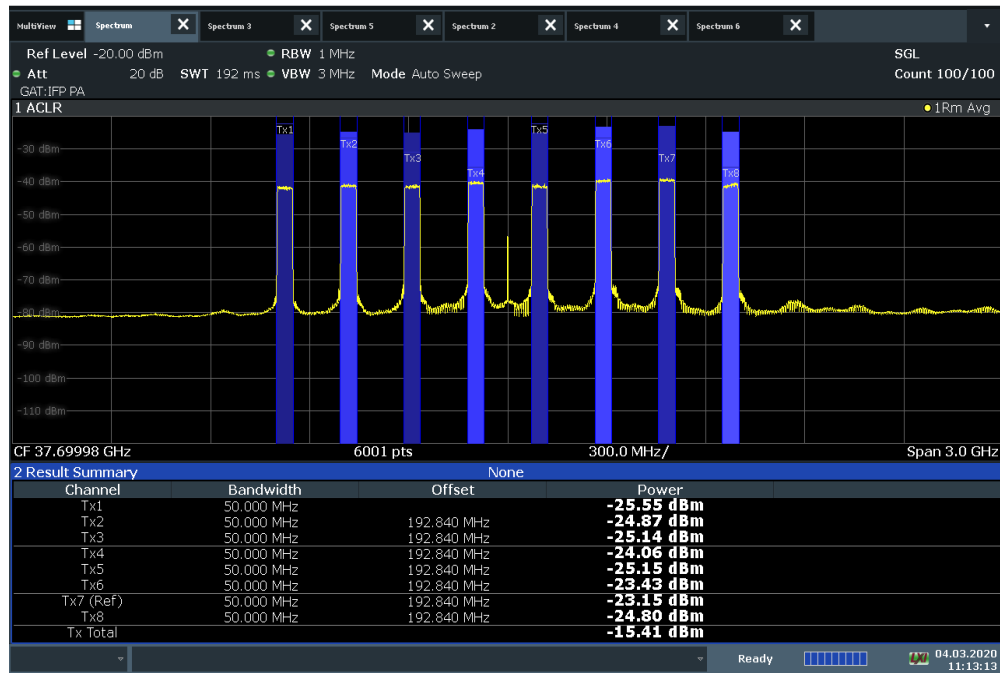


18:24:01 21.02.2020

Plot 7-84. Antenna A EIRP Density Plot (100MHz BW 8CC 64QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 67 of 356

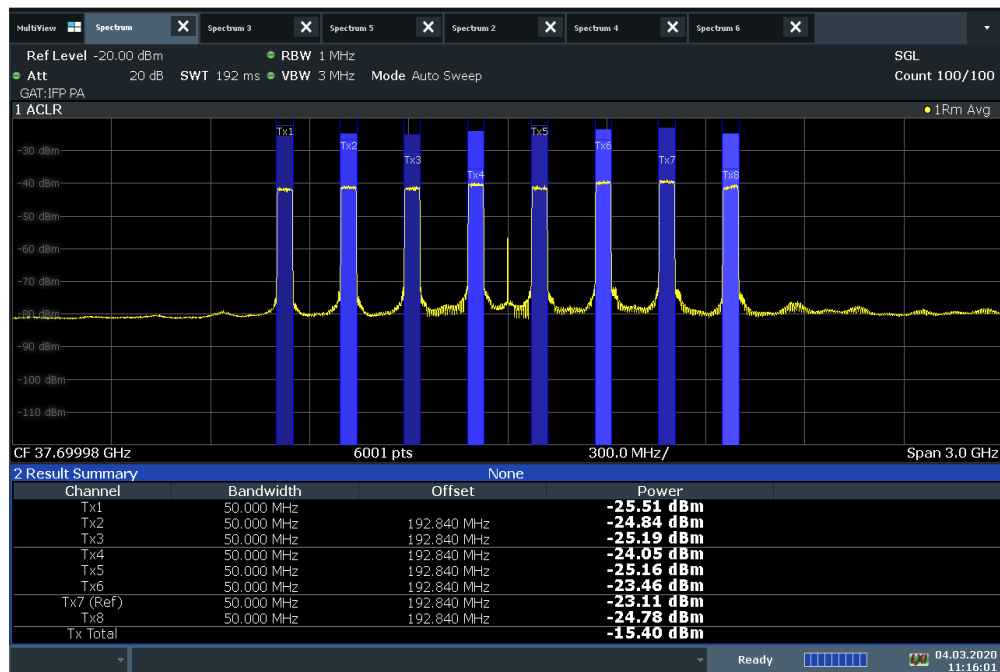
ACLRRResults



11:13:14 04.03.2020

Plot 7-85. Antenna A EIRP Density Plot (50MHz BW 8CC NC QPSK Low Channel)

ACLRRResults

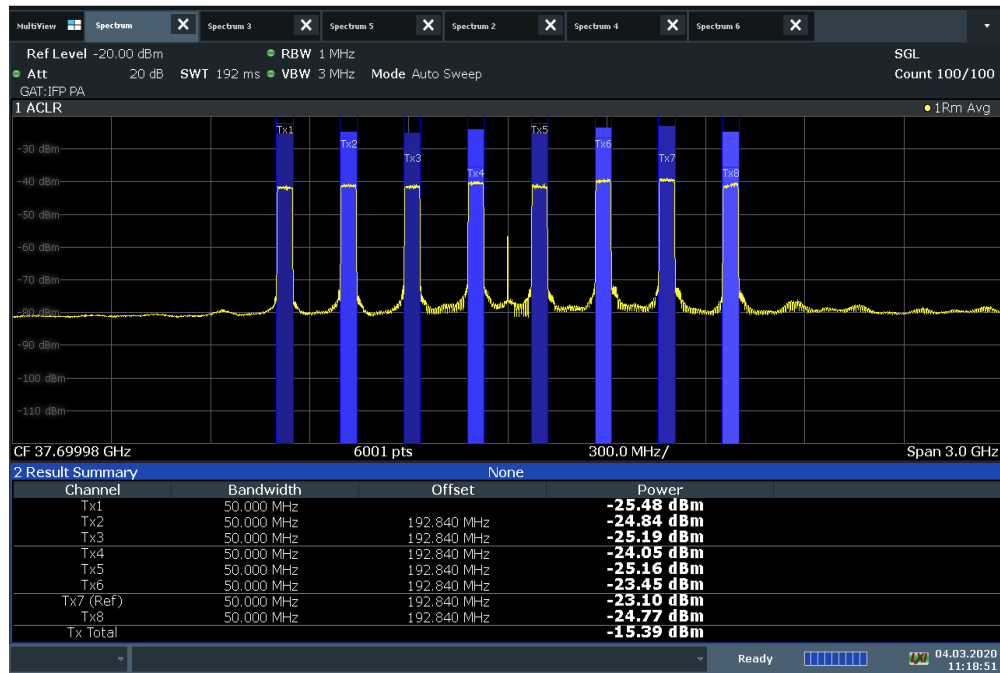


11:16:02 04.03.2020

Plot 7-86. Antenna A EIRP Density Plot (50MHz BW 8CC NC 16QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 68 of 356

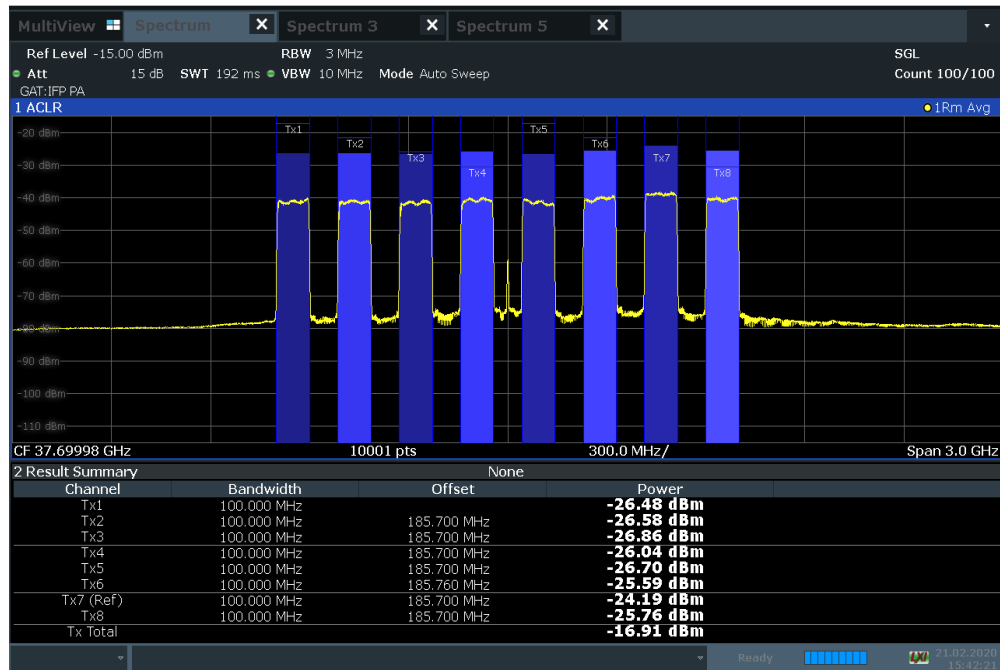
ACLRRResults



11:18:52 04.03.2020

Plot 7-87. Antenna A EIRP Density Plot (50MHz BW 8CC NC 64QAM Low Channel)

ACLRRResults

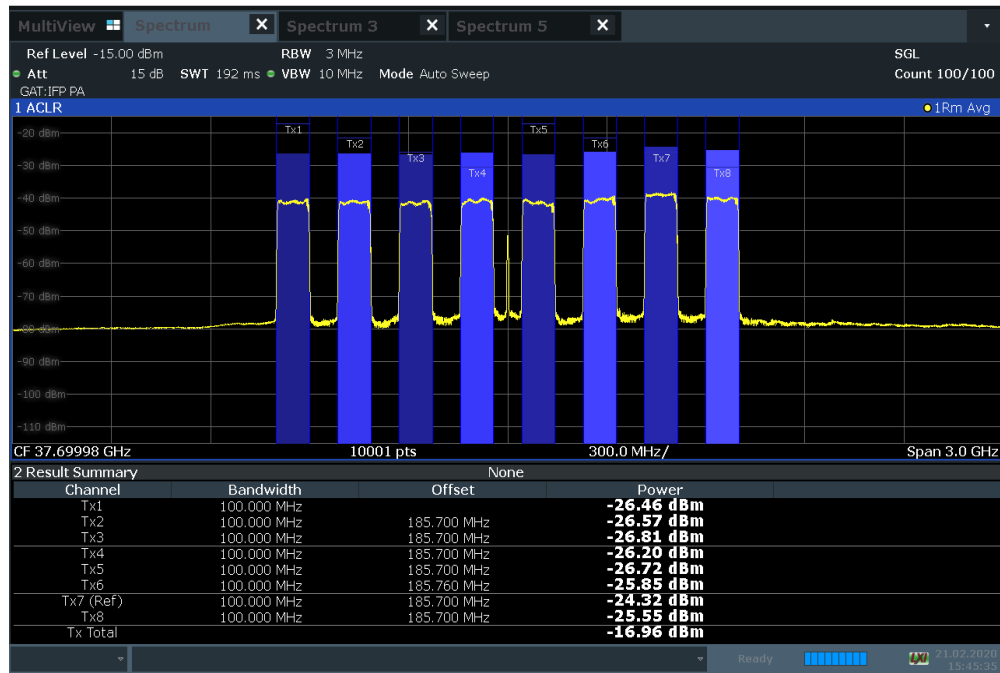


15:42:21 21.02.2020

Plot 7-88. Antenna A EIRP Density Plot (100MHz BW 8CC NC QPSK Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 69 of 356

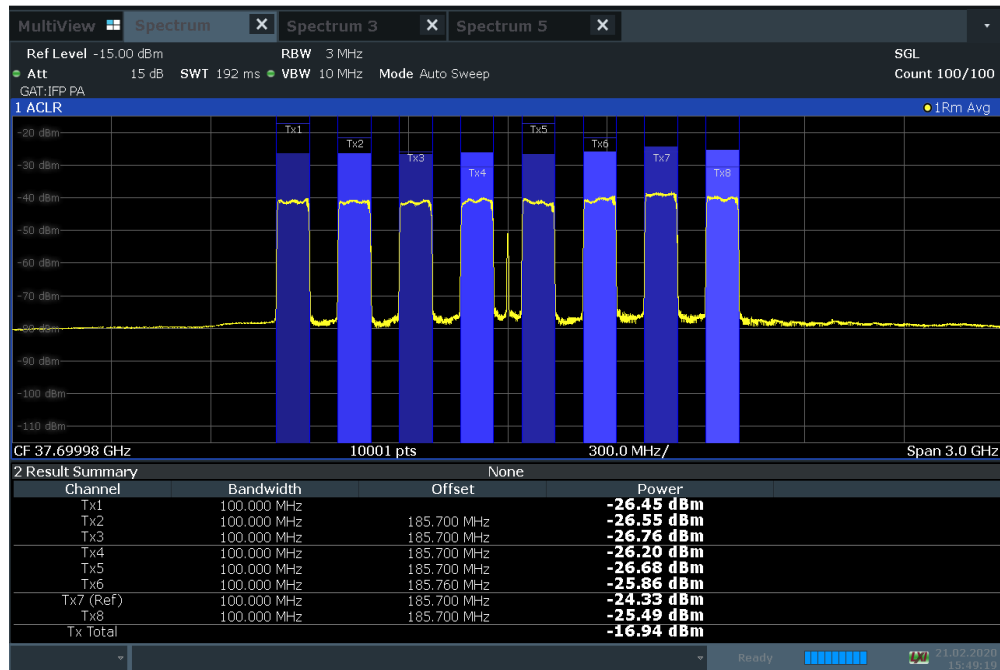
ACLRRResults



15:45:36 21.02.2020

Plot 7-89. Antenna A EIRP Density Plot (100MHz BW 8CC NC 16QAM Low Channel)

ACLRRResults



15:49:19 21.02.2020

Plot 7-90. Antenna A EIRP Density Plot (100MHz BW 8CC NC 64QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 70 of 356

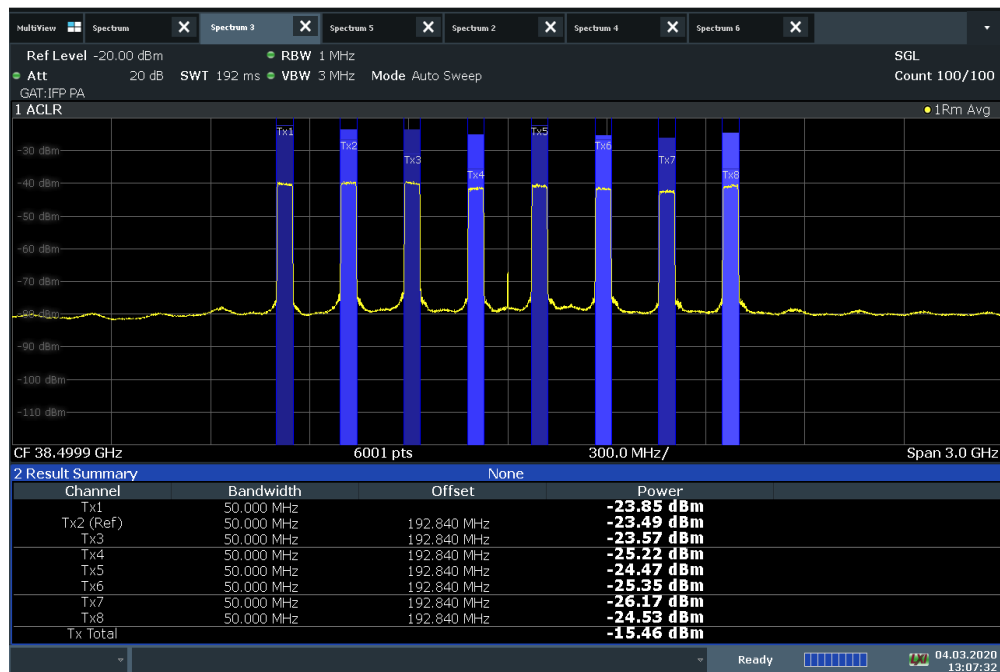
ACLRRResults



13:14:54 04.03.2020

Plot 7-91. Antenna A EIRP Density Plot (50MHz BW 8CC NC QPSK Mid Channel)

ACLRRResults

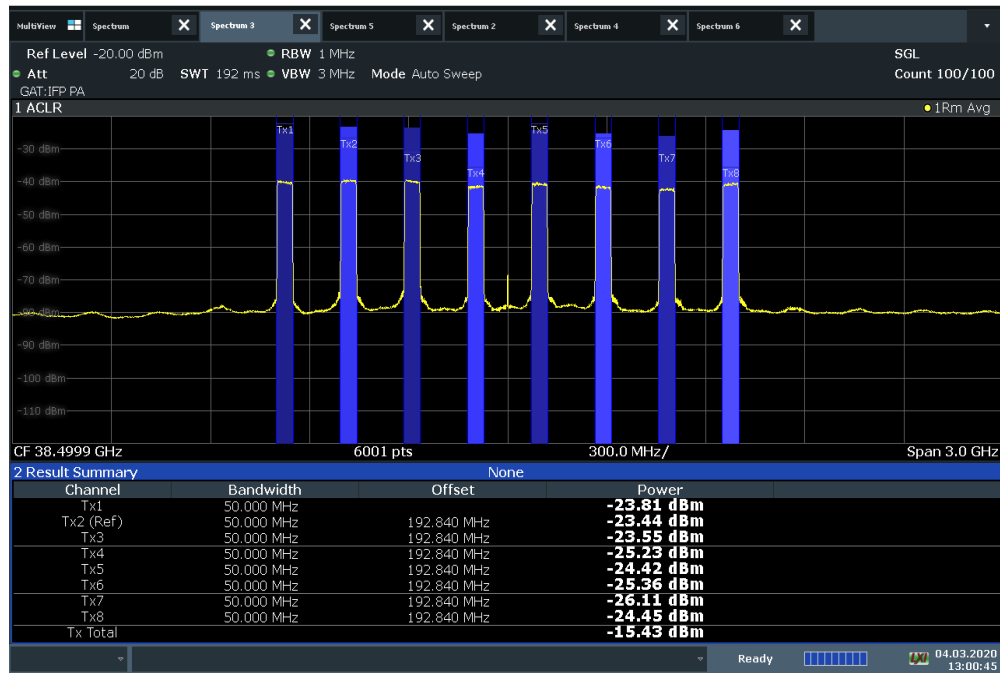


13:07:32 04.03.2020

Plot 7-92. Antenna A EIRP Density Plot (50MHz BW 8CC NC 16QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 71 of 356

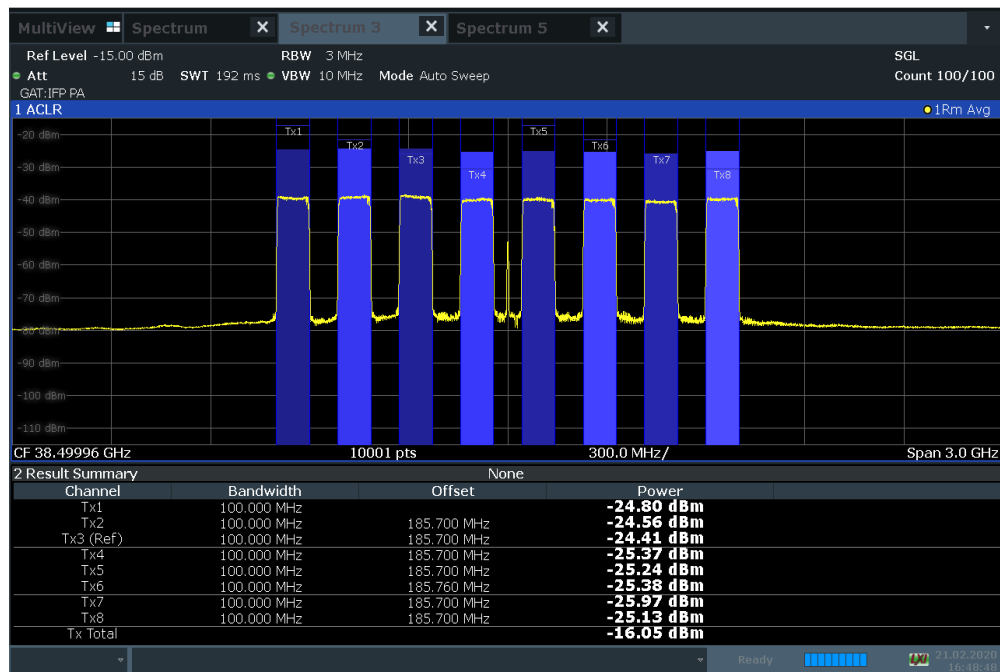
ACLRResults



13:00:46 04.03.2020

Plot 7-93. Antenna A EIRP Density Plot (50MHz BW 8CC NC 64QAM Mid Channel)

ACLRResults

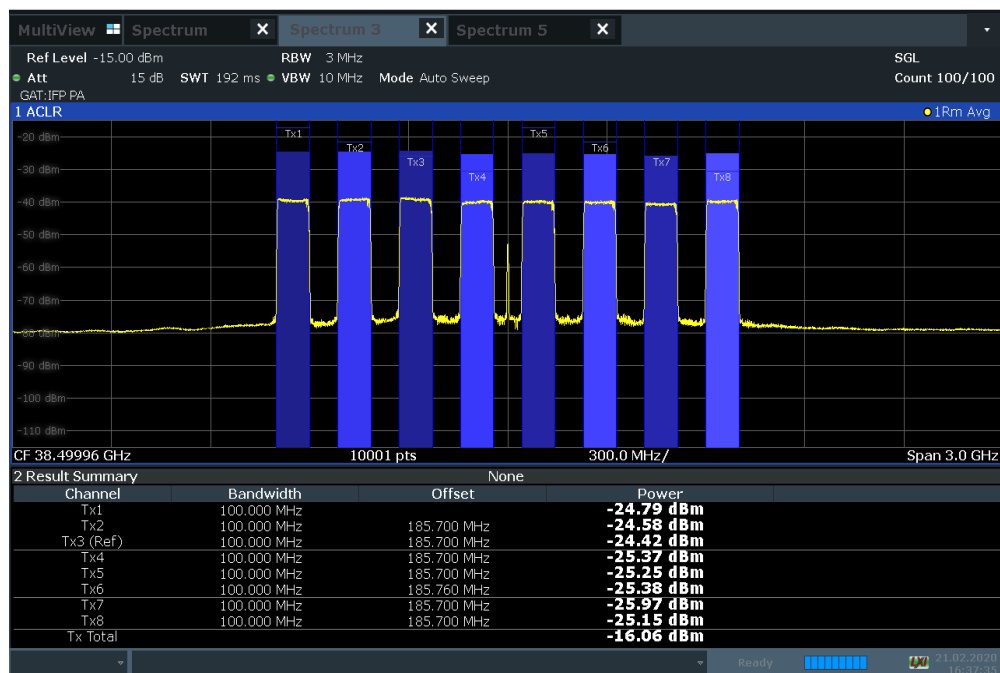


16:48:49 21.02.2020

Plot 7-94. Antenna A EIRP Density Plot (100MHz BW 8CC NC QPSK Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 72 of 356

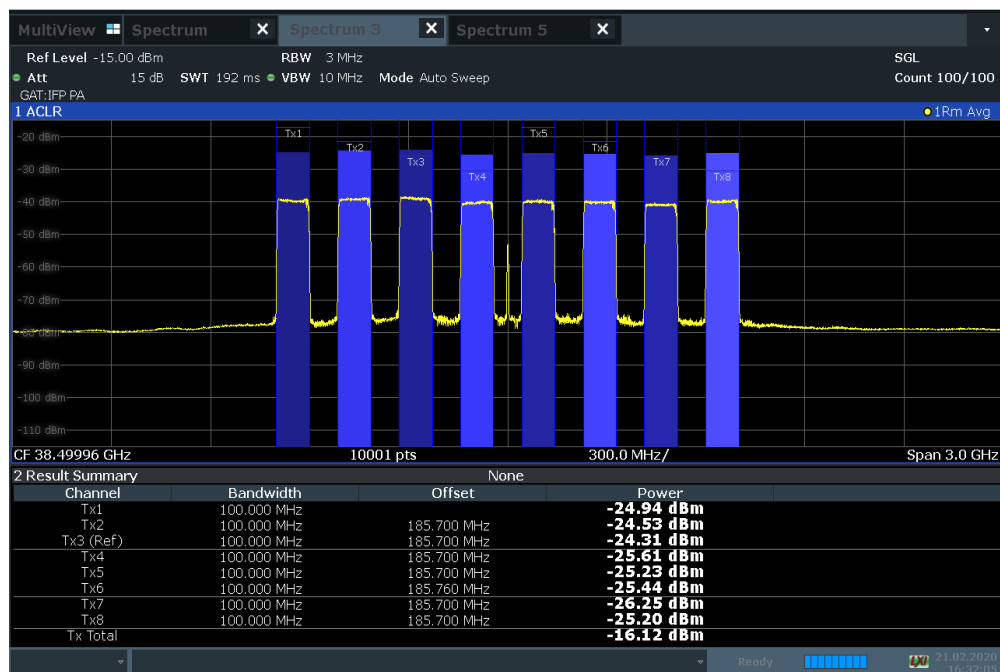
ACLRResults



16:37:35 21.02.2020

Plot 7-95. Antenna A EIRP Density Plot (100MHz BW 8CC NC 16QAM Mid Channel)

ACLRResults

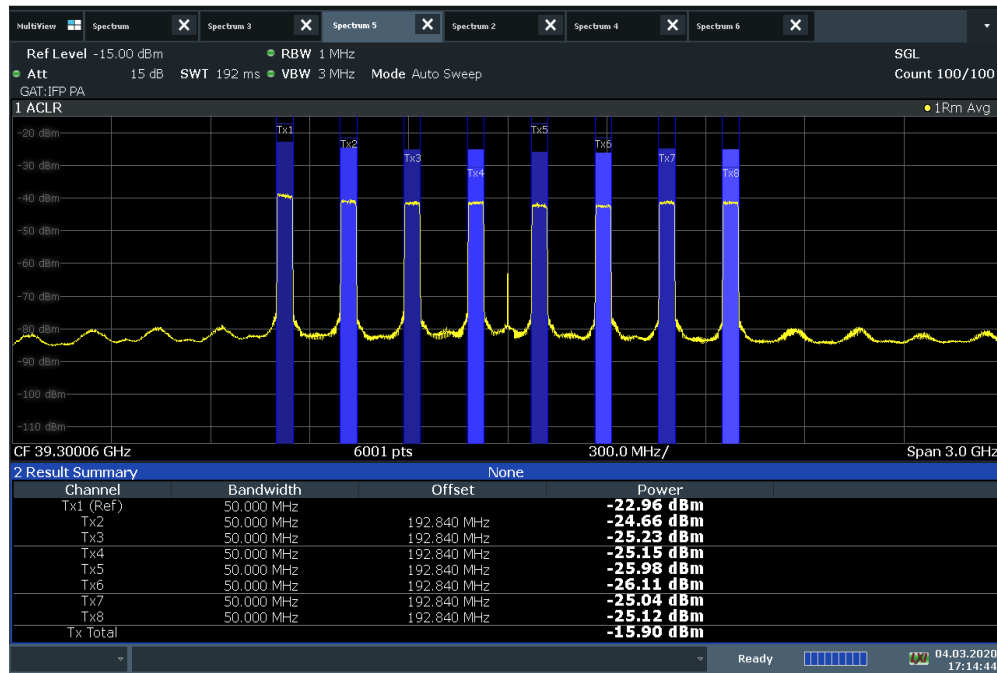


16:32:06 21.02.2020

Plot 7-96. Antenna A EIRP Density Plot (100MHz BW 8CC NC 64QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 73 of 356

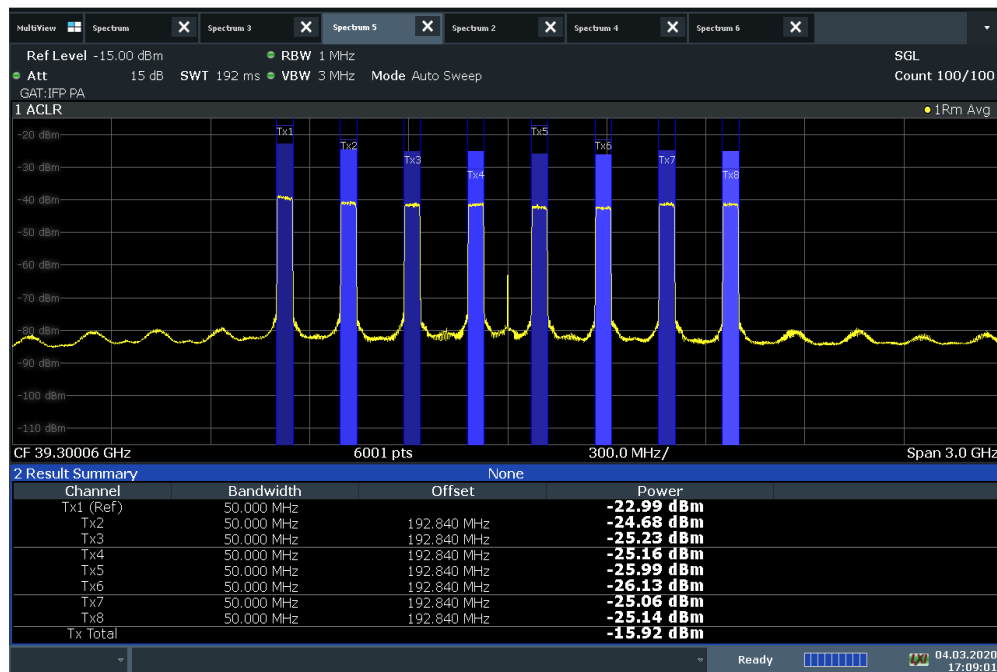
ACLRResults



17:14:45 04.03.2020

Plot 7-97. Antenna A EIRP Density Plot (50MHz BW 8CC NC QPSK High Channel)

ACLRResults

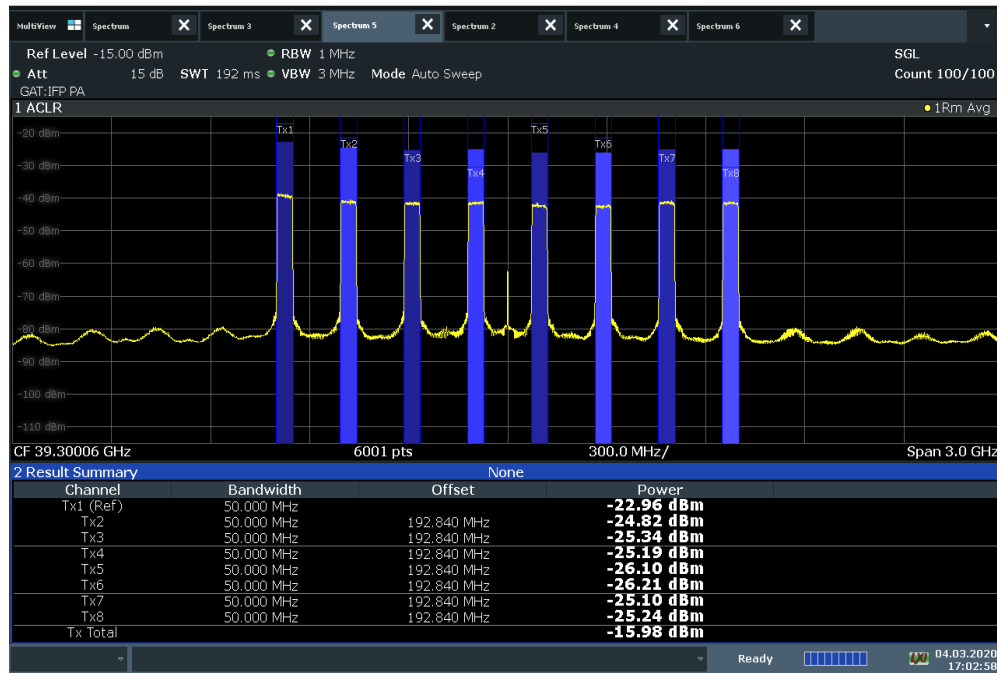


17:09:01 04.03.2020

Plot 7-98. Antenna A EIRP Density Plot (50MHz BW 8CC NC 16QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 74 of 356

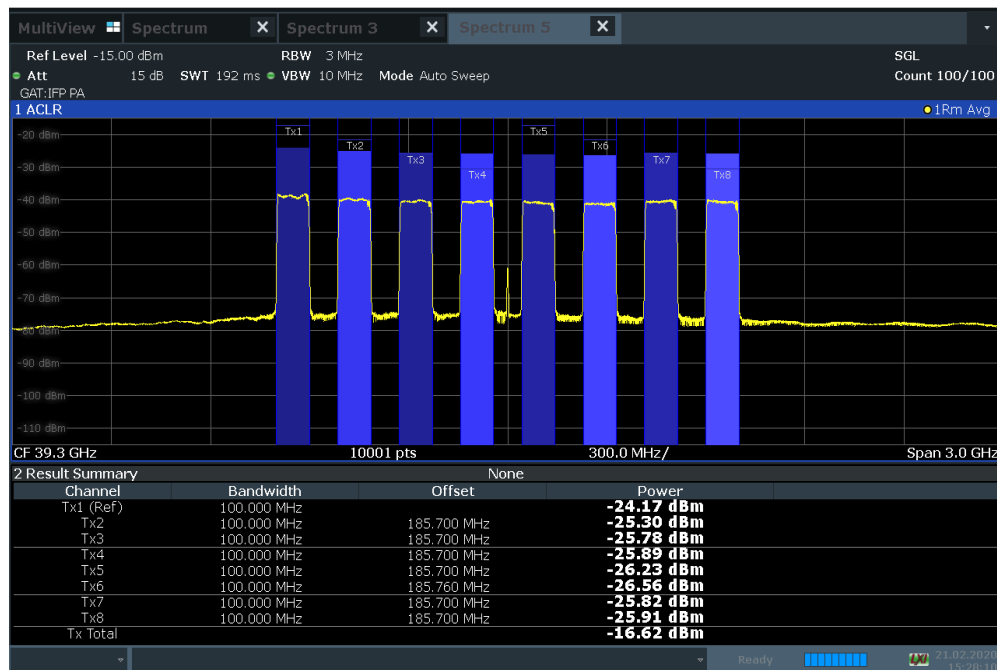
ACLRRResults



17:02:58 04.03.2020

Plot 7-99. Antenna A EIRP Density Plot (50MHz BW 8CC NC 64QAM High Channel)

ACLRRResults

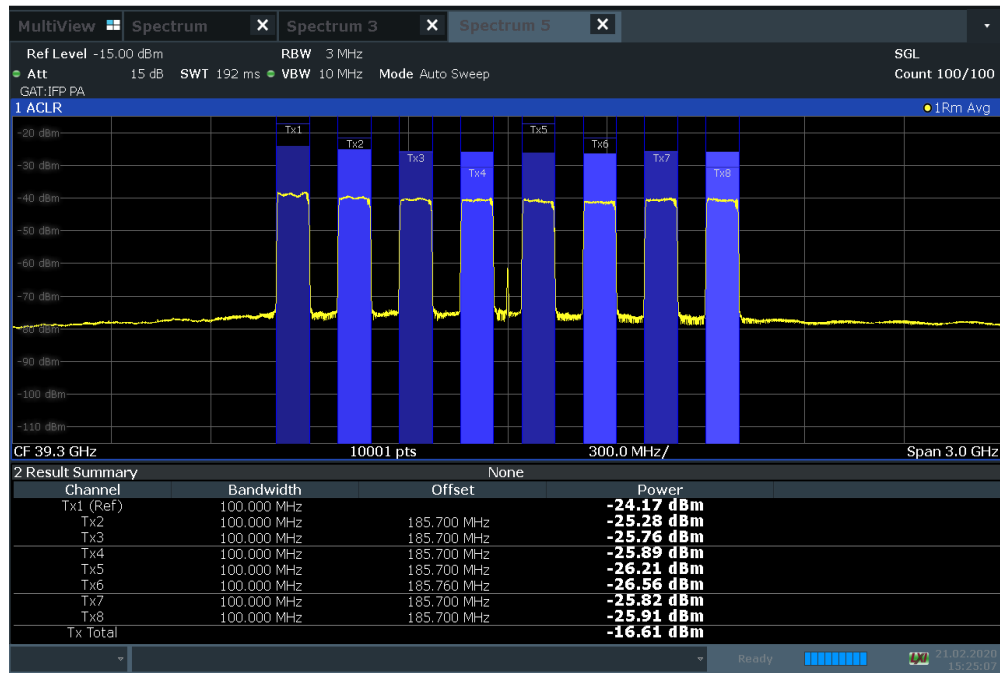


15:28:10 21.02.2020

Plot 7-100. Antenna A EIRP Density Plot (100MHz BW 8CC NC QPSK High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 75 of 356

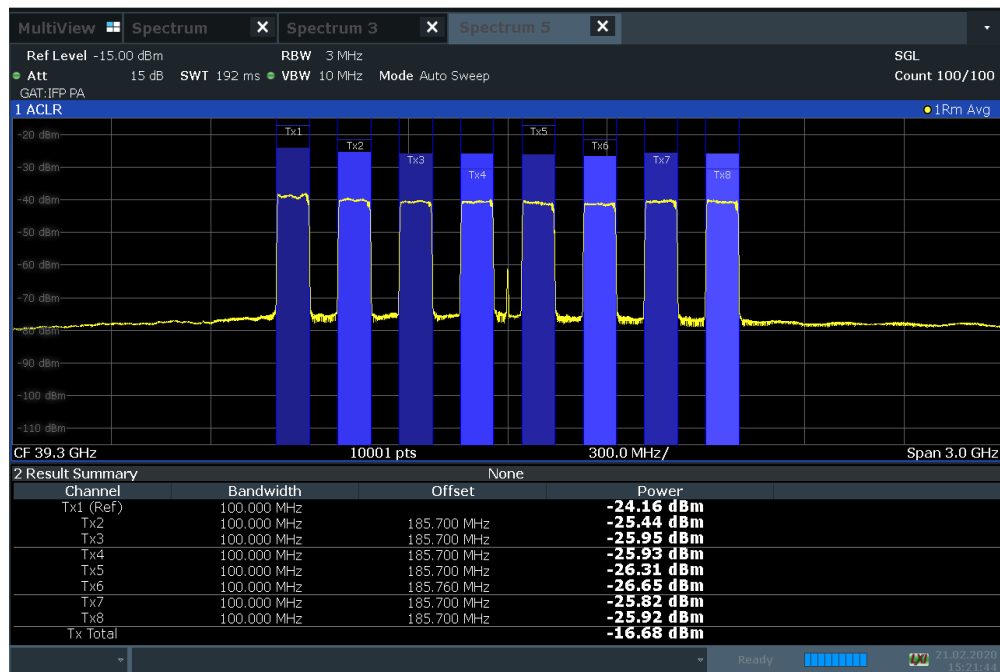
ACLRRResults



15:25:08 21.02.2020

Plot 7-101. Antenna A EIRP Density Plot (100MHz BW 8CC NC 16QAM High Channel)

ACLRRResults



15:21:44 21.02.2020

Plot 7-102. Antenna A EIRP Density Plot (100MHz BW 8CC NC 64QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 76 of 356

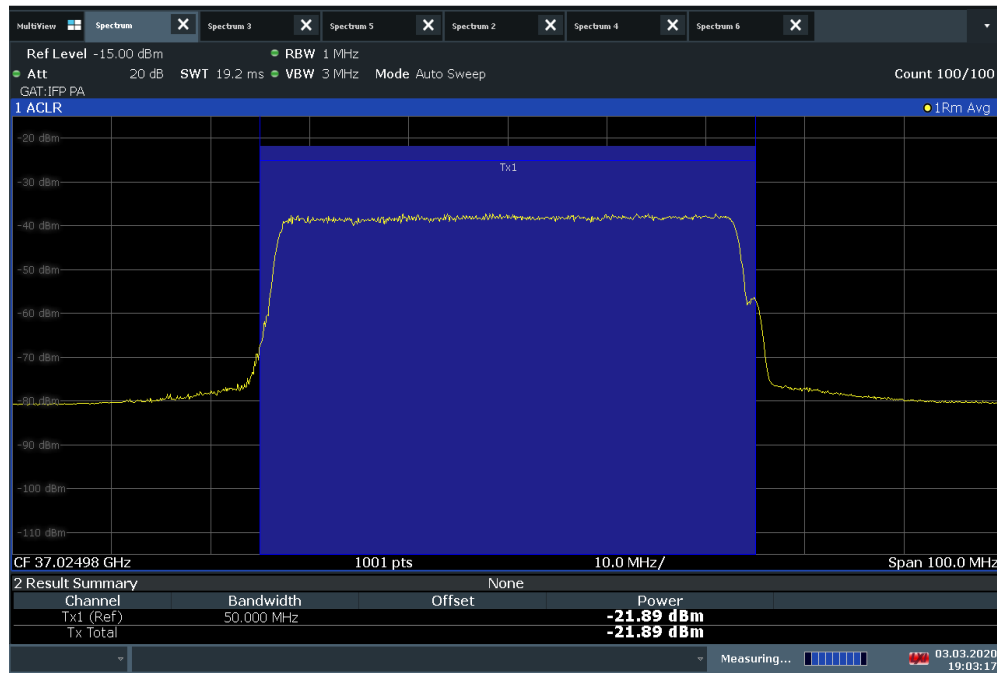
7.3.2 Antenna B EIRP Density

Antenna	Bandwidth	Channel	CCs active	Modulation	Horn Angle	Horn Height	Turntable Azimuth	Analyzer Level	AFCL	Average e.i.r.p. PSD	PSD Limit	Margin
	[MHz]				[degrees]	[cm]	[degrees]	[dBm]	[dB/m]	[dBm/100MHz]	[dBm/100MHz]	[dB]
B	50	Low	0	QPSK	45.0	141	9	-21.89	57.22	48.87	75.00	-29.14
		Low	0	16QAM	45.0	141	9	-21.85	57.22	48.91	75.00	-29.10
		Low	0	64QAM	45.0	141	9	-21.85	57.22	48.91	75.00	-29.10
	100	Low	0	QPSK	45.0	141	9	-18.30	57.22	49.45	75.00	-25.55
		Low	0	16QAM	45.0	141	9	-18.30	57.22	49.45	75.00	-25.55
		Low	0	64QAM	45.0	141	9	-18.31	57.22	49.44	75.00	-25.56
	50	Mid	4	QPSK	45.0	141	9	-21.97	57.17	48.74	75.00	-29.27
		Mid	4	16QAM	45.0	141	9	-22.01	57.17	48.70	75.00	-29.31
		Mid	4	64QAM	45.0	141	9	-21.99	57.17	48.72	75.00	-29.29
	100	Mid	4	QPSK	45.0	141	9	-19.04	57.17	48.66	75.00	-26.34
		Mid	4	16QAM	45.0	141	9	-19.08	57.17	48.62	75.00	-26.38
		Mid	4	64QAM	45.0	141	9	-19.10	57.17	48.60	75.00	-26.40
	50	High	7	QPSK	45.0	141	9	-22.19	58.95	50.30	75.00	-27.71
		High	7	16QAM	45.0	141	9	-22.21	58.95	50.28	75.00	-27.73
		High	7	64QAM	45.0	141	9	-22.20	58.95	50.29	75.00	-27.72
	100	High	7	QPSK	45.0	141	9	-19.38	58.95	50.10	75.00	-24.90
		High	7	16QAM	45.0	141	9	-19.24	58.95	50.24	75.00	-24.76
		High	7	64QAM	45.0	141	9	-19.22	58.95	50.26	75.00	-24.74
	50	Low	0-7	QPSK	45.0	141	9	-24.04	57.22	46.72	75.00	-31.29
		Low	0-7	16QAM	45.0	141	9	-24.07	57.22	46.69	75.00	-31.32
		Low	0-7	64QAM	45.0	141	9	-24.14	57.22	46.62	75.00	-31.39
	100	Low	0-7	QPSK	45.0	141	9	-24.37	57.22	43.38	75.00	-31.62
		Low	0-7	16QAM	45.0	141	9	-24.03	57.22	43.72	75.00	-31.28
		Low	0-7	64QAM	45.0	141	9	-23.99	57.22	43.76	75.00	-31.24
	50	Mid	0-7	QPSK	45.0	141	9	-23.46	57.17	47.25	75.00	-30.76
		Mid	0-7	16QAM	45.0	141	9	-23.46	57.17	47.25	75.00	-30.76
		Mid	0-7	64QAM	45.0	141	9	-23.48	57.17	47.23	75.00	-30.78
	100	Mid	0-7	QPSK	45.0	141	9	-23.52	57.17	44.18	75.00	-30.82
		Mid	0-7	16QAM	45.0	141	9	-23.61	57.17	44.09	75.00	-30.91
		Mid	0-7	64QAM	45.0	141	9	-23.27	57.17	44.43	75.00	-30.57
	50	High	0-7	QPSK	45.0	141	9	-24.14	58.95	48.35	75.00	-29.66
		High	0-7	16QAM	45.0	141	9	-24.25	58.95	48.24	75.00	-29.77
		High	0-7	64QAM	45.0	141	9	-24.27	58.95	48.22	75.00	-29.79
	100	High	0-7	QPSK	45.0	141	9	-23.84	58.95	45.64	75.00	-29.36
		High	0-7	16QAM	45.0	141	9	-24.03	58.95	45.45	75.00	-29.55
		High	0-7	64QAM	45.0	141	9	-23.88	58.95	45.60	75.00	-29.40
	50	Low	0-7(NC)	QPSK	45.0	141	9	-23.09	57.22	47.67	75.00	-30.34
		Low	0-7(NC)	16QAM	45.0	141	9	-23.26	57.22	47.50	75.00	-30.51
		Low	0-7(NC)	64QAM	45.0	141	9	-23.29	57.22	47.47	75.00	-30.54
	100	Low	0-7(NC)	QPSK	45.0	141	9	-22.78	57.22	44.97	75.00	-30.03
		Low	0-7(NC)	16QAM	45.0	141	9	-22.81	57.22	44.94	75.00	-30.06
		Low	0-7(NC)	64QAM	45.0	141	9	-22.80	57.22	44.95	75.00	-30.05
	50	Mid	0-7(NC)	QPSK	45.0	141	9	-23.72	57.17	46.99	75.00	-31.02
		Mid	0-7(NC)	16QAM	45.0	141	9	-23.70	57.17	47.01	75.00	-31.00
		Mid	0-7(NC)	64QAM	45.0	141	9	-23.71	57.17	47.00	75.00	-31.01
	100	Mid	0-7(NC)	QPSK	45.0	141	9	-23.46	57.17	44.24	75.00	-30.76
		Mid	0-7(NC)	16QAM	45.0	141	9	-23.48	57.17	44.22	75.00	-30.78
		Mid	0-7(NC)	64QAM	45.0	141	9	-23.53	57.17	44.17	75.00	-30.83
	50	High	0-7(NC)	QPSK	45.0	141	9	-23.14	58.95	49.35	75.00	-28.66
		High	0-7(NC)	16QAM	45.0	141	9	-23.11	58.95	49.38	75.00	-28.63
		High	0-7(NC)	64QAM	45.0	141	9	-23.13	58.95	49.36	75.00	-28.65
	100	High	0-7(NC)	QPSK	45.0	141	9	-22.92	58.95	46.56	75.00	-28.44
		High	0-7(NC)	16QAM	45.0	141	9	-22.99	58.95	46.49	75.00	-28.51
		High	0-7(NC)	64QAM	45.0	141	9	-23.00	58.95	46.48	75.00	-28.52

Table 7-8. Antenna B Power Density Summary Data

FCC ID: A3LAT1K02-A00	 PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 77 of 356

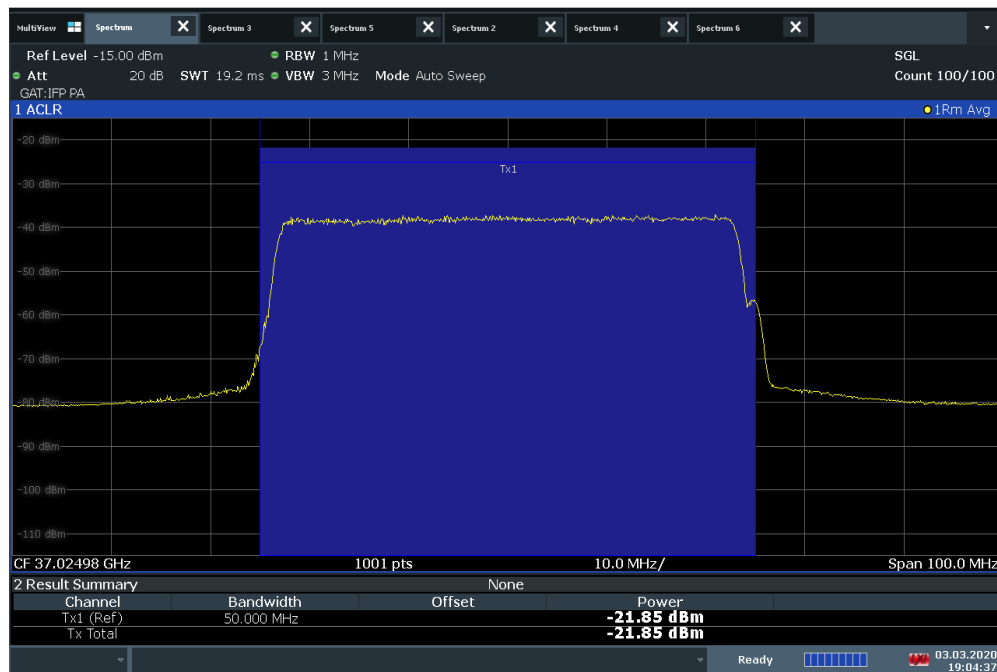
ACLRResults



19:03:18 03.03.2020

Plot 7-103. Antenna B EIRP Density Plot (50MHz BW 1CC QPSK Low Channel)

ACLRResults

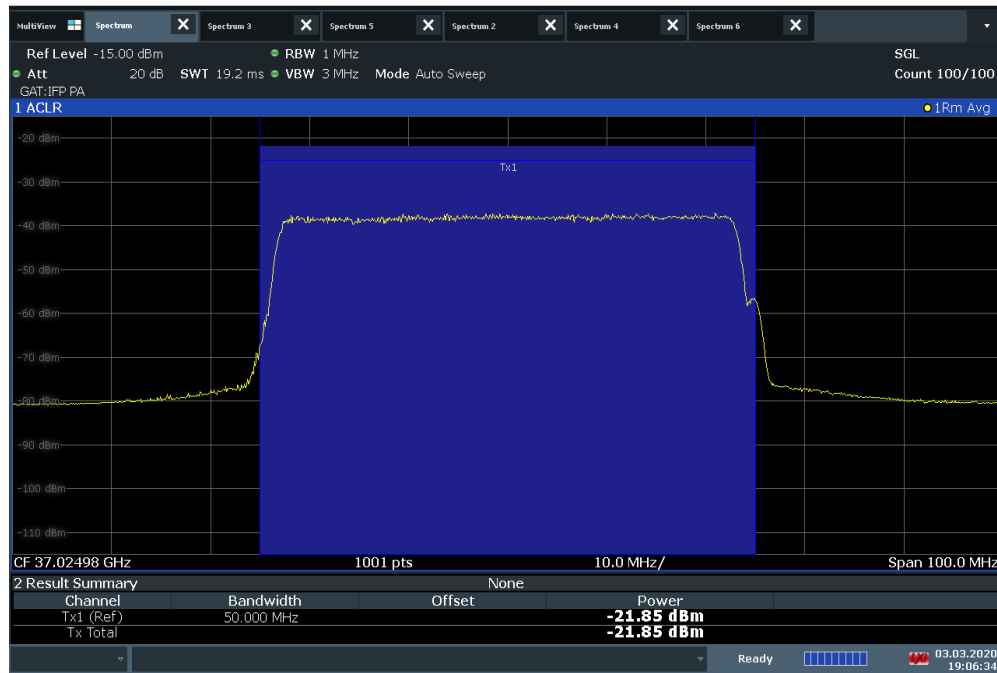


19:04:37 03.03.2020

Plot 7-104. Antenna B EIRP Density Plot (50MHz BW 1CC 16QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 78 of 356

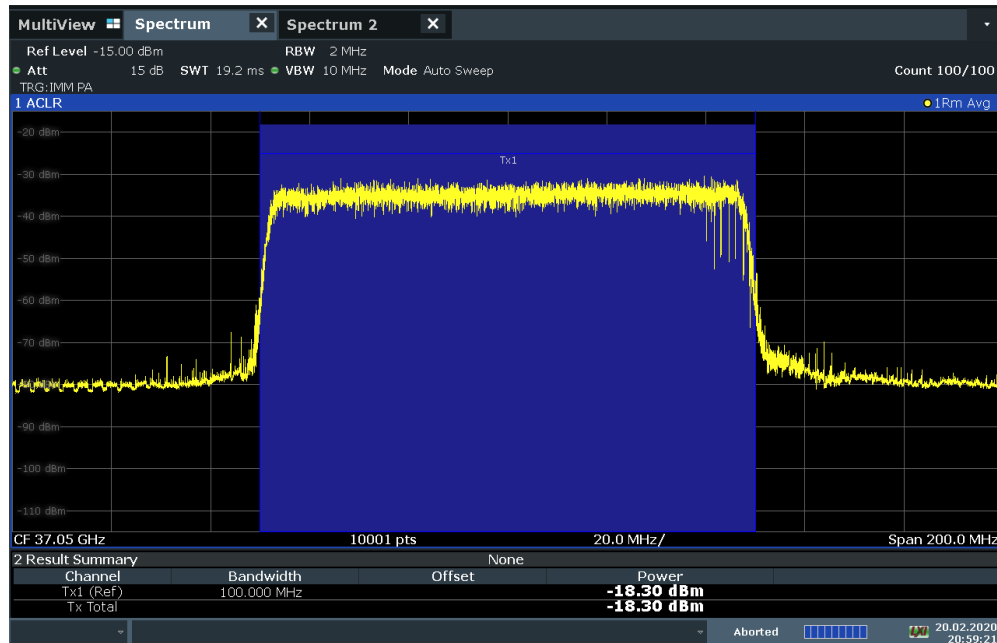
ACLRResults



19:06:34 03.03.2020

Plot 7-105. Antenna B EIRP Density Plot (50MHz BW 1CC 64QAM Low Channel)

ACLRResults

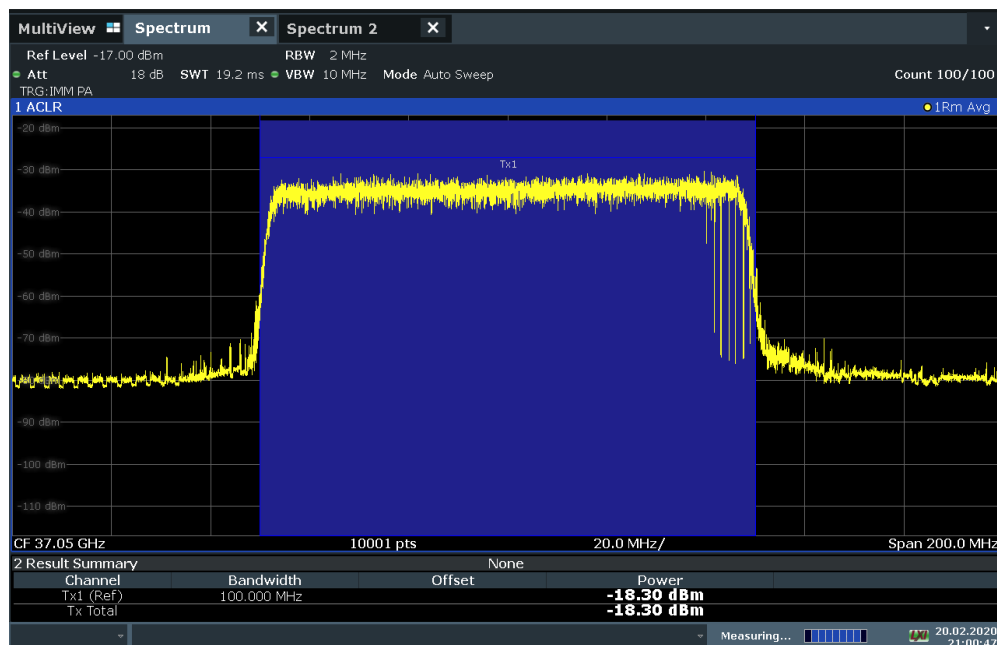


20:59:21 20.02.2020

Plot 7-106. Antenna B EIRP Density Plot (100MHz BW 1CC QPSK Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 79 of 356

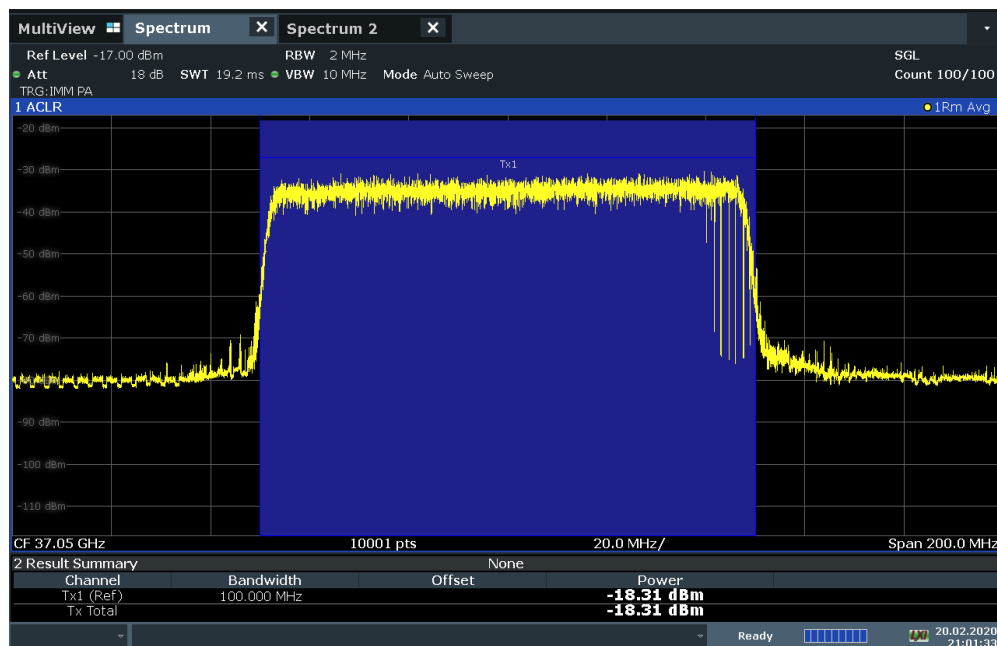
ACLRRResults



21:00:47 20.02.2020

Plot 7-107. Antenna B EIRP Density Plot (100MHz BW 1CC 16QAM Low Channel)

ACLRRResults

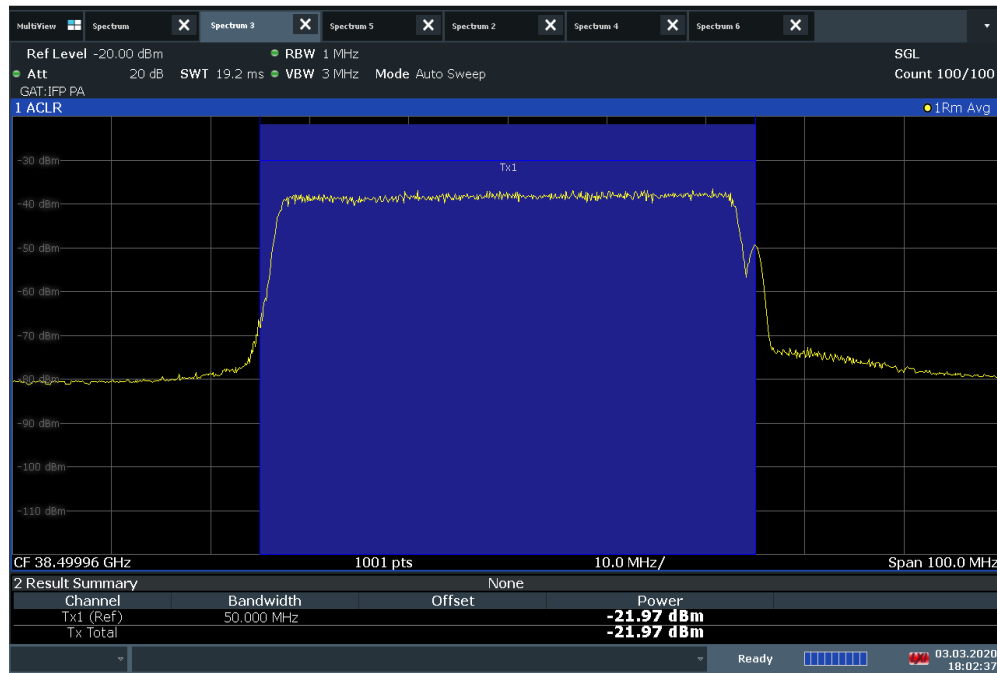


21:01:33 20.02.2020

Plot 7-108. Antenna B EIRP Density Plot (100MHz BW 1CC 64QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 80 of 356

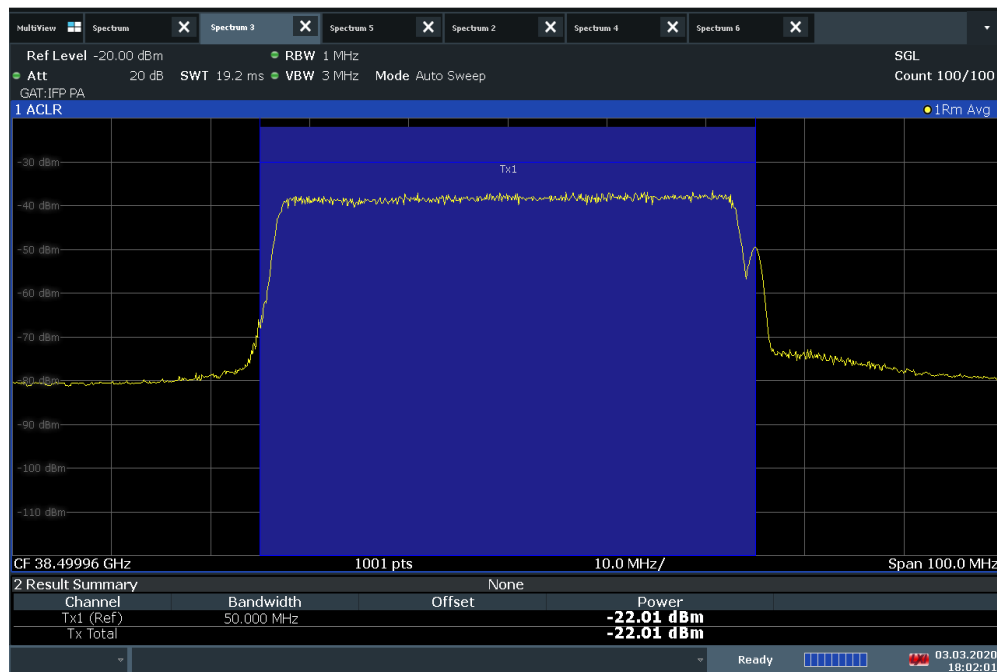
ACLRRResults



18:02:38 03.03.2020

Plot 7-109. Antenna B EIRP Density Plot (50MHz BW 1CC QPSK Mid Channel)

ACLRRResults



18:02:01 03.03.2020

Plot 7-110. Antenna B EIRP Density Plot (50MHz BW 1CC 16QAM Mid Channel)

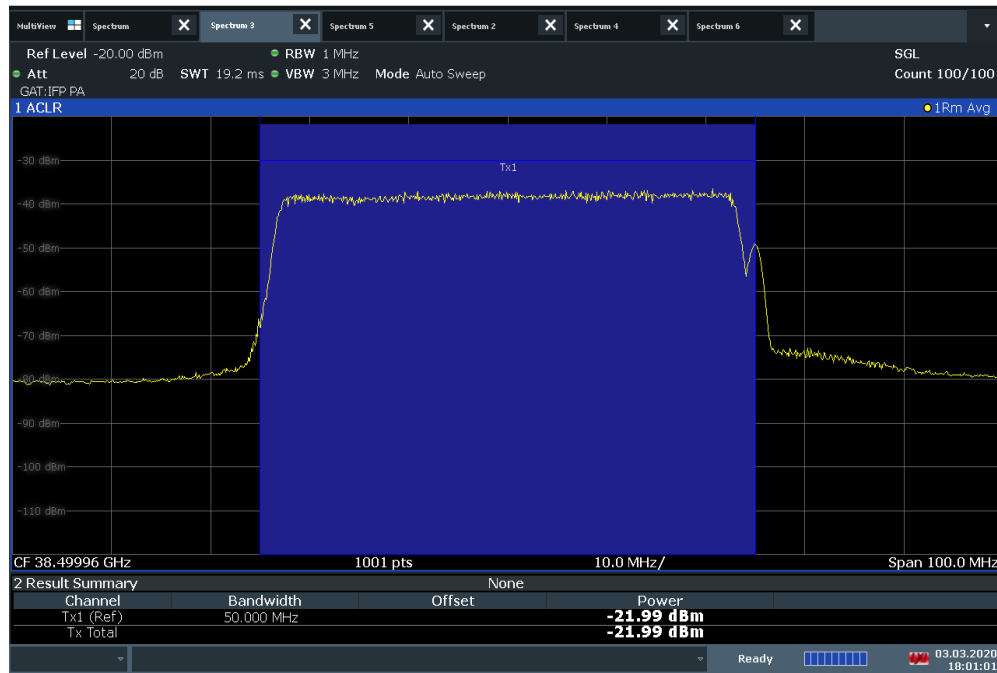
FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 81 of 356

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V9.0 02/01/2019

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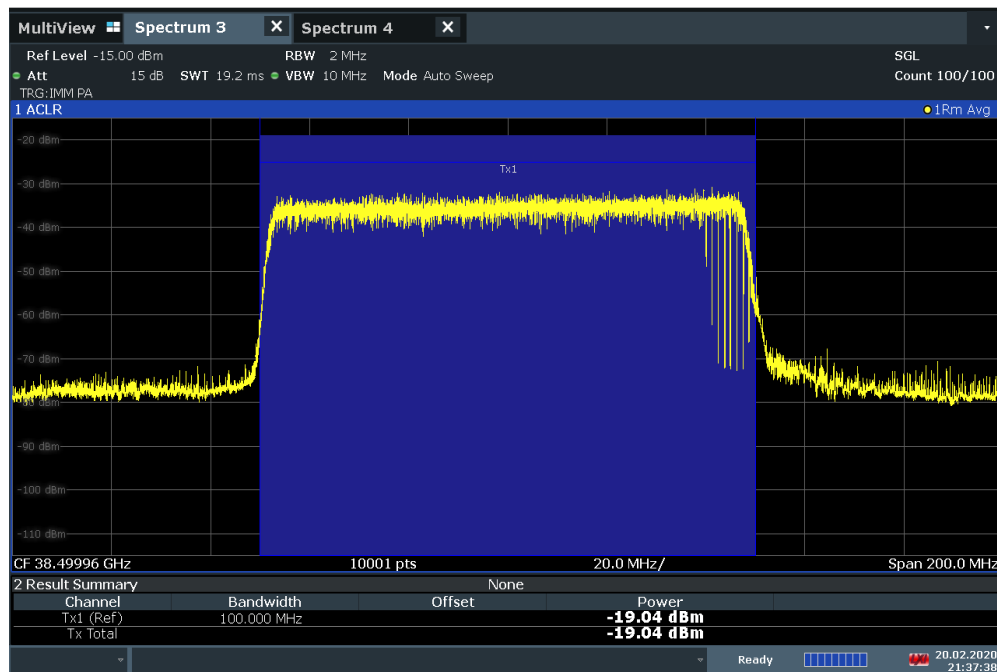
ACLRResults



18:01:01 03.03.2020

Plot 7-111. Antenna B EIRP Density Plot (50MHz BW 1CC 64QAM Mid Channel)

ACLRResults

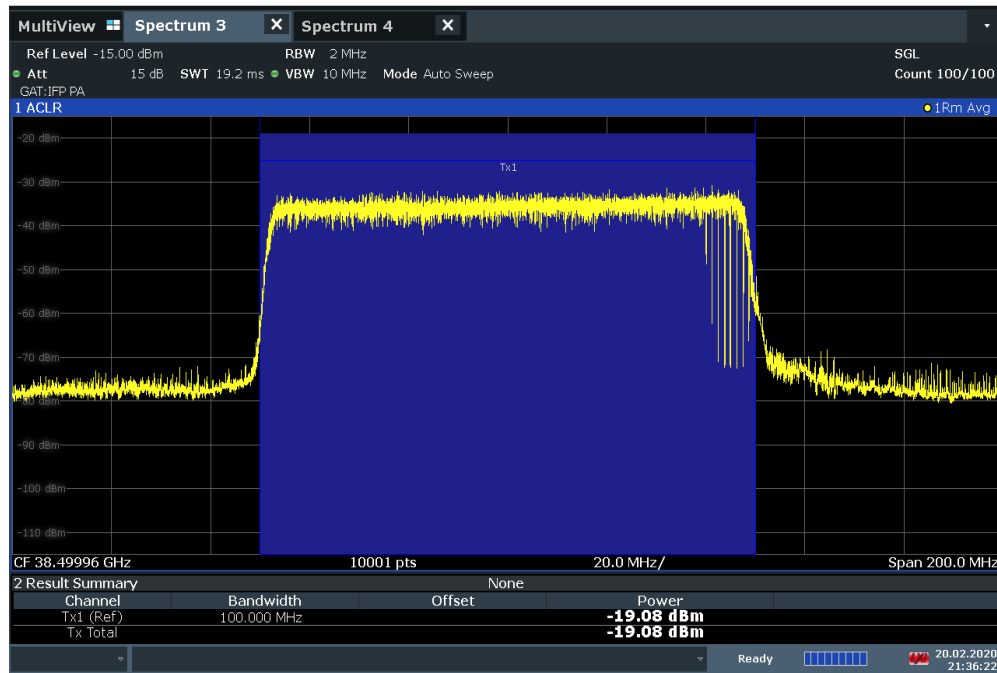


21:37:38 20.02.2020

Plot 7-112. Antenna B EIRP Density Plot (100MHz BW 1CC QPSK Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 82 of 356

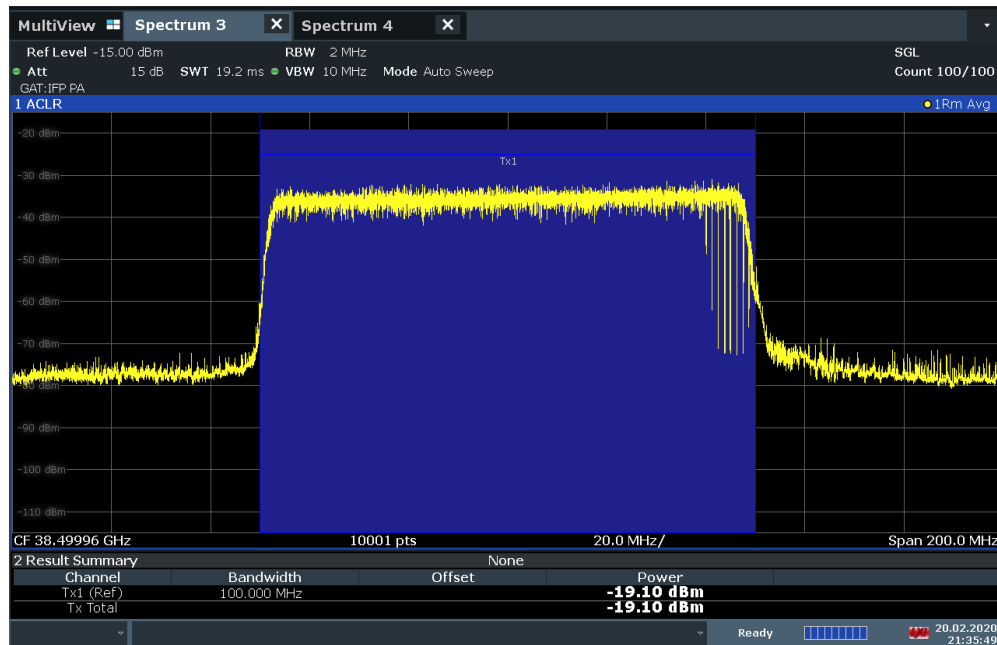
ACLRRResults



21:36:23 20.02.2020

Plot 7-113. Antenna B EIRP Density Plot (100MHz BW 1CC 16QAM Mid Channel)

ACLRRResults

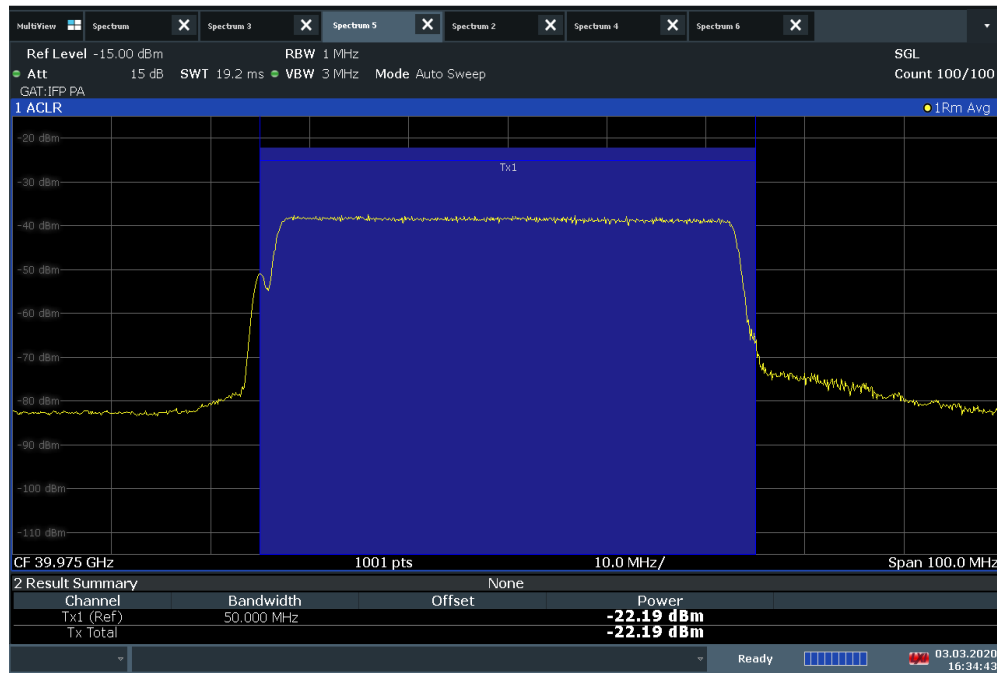


21:35:50 20.02.2020

Plot 7-114. Antenna B EIRP Density Plot (100MHz BW 1CC 64QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 83 of 356

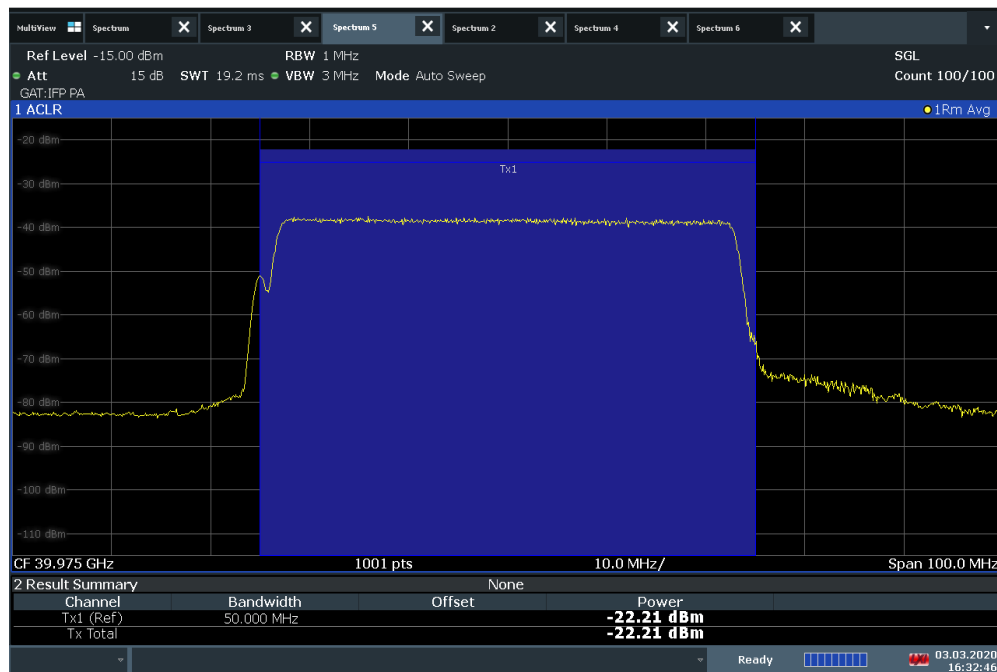
ACLRResults



16:34:44 03.03.2020

Plot 7-115. Antenna B EIRP Density Plot (50MHz BW 1CC QPSK High Channel)

ACLRResults

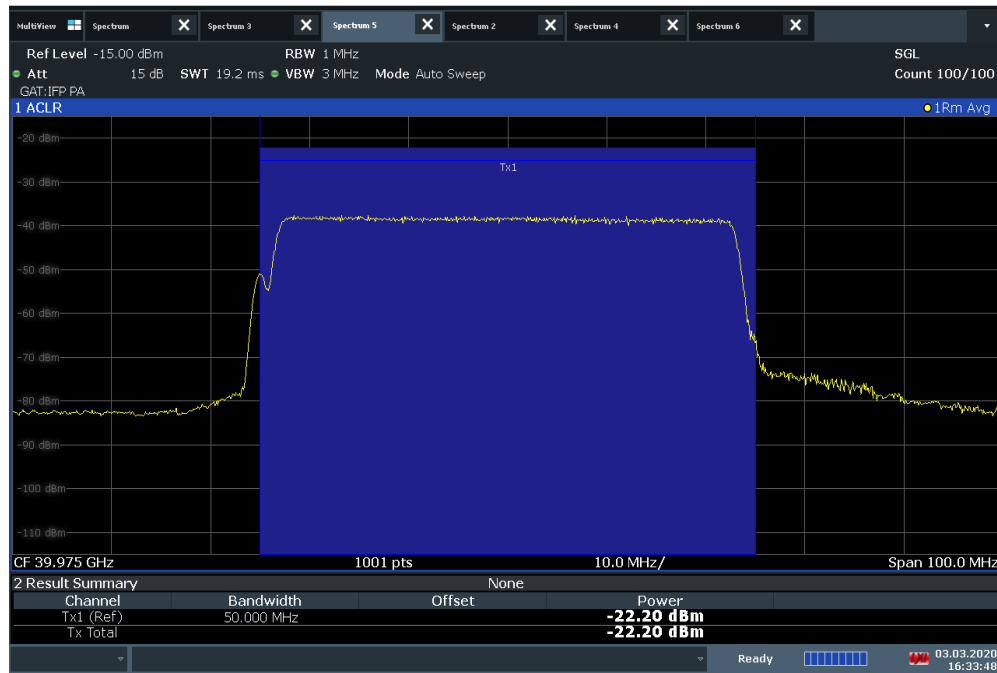


16:32:46 03.03.2020

Plot 7-116. Antenna B EIRP Density Plot (50MHz BW 1CC 16QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 84 of 356

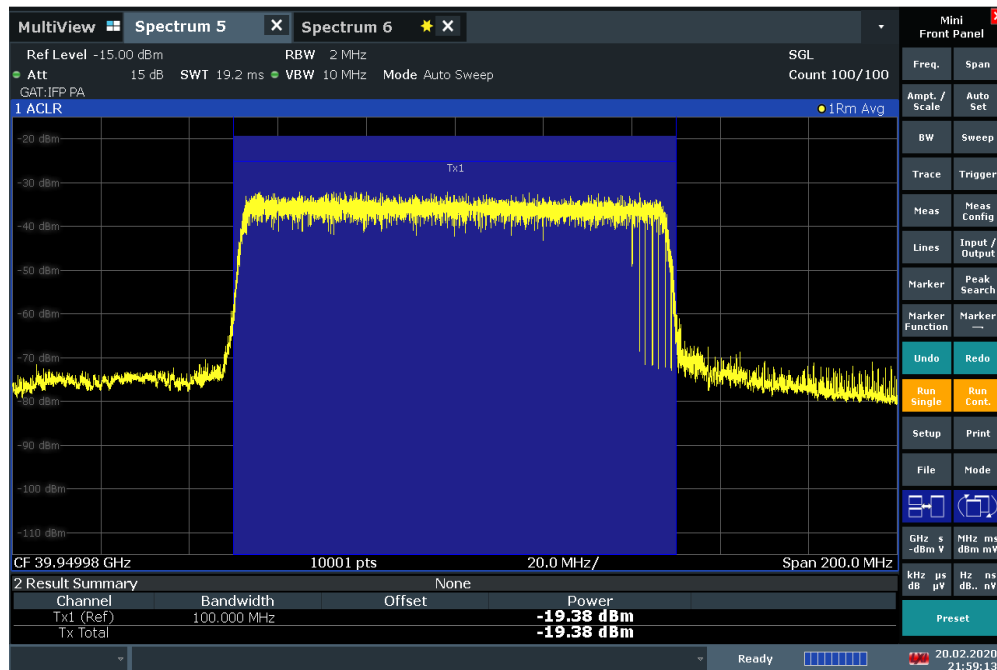
ACLRResults



16:33:48 03.03.2020

Plot 7-117. Antenna B EIRP Density Plot (50MHz BW 1CC 64QAM High Channel)

ACLRResults

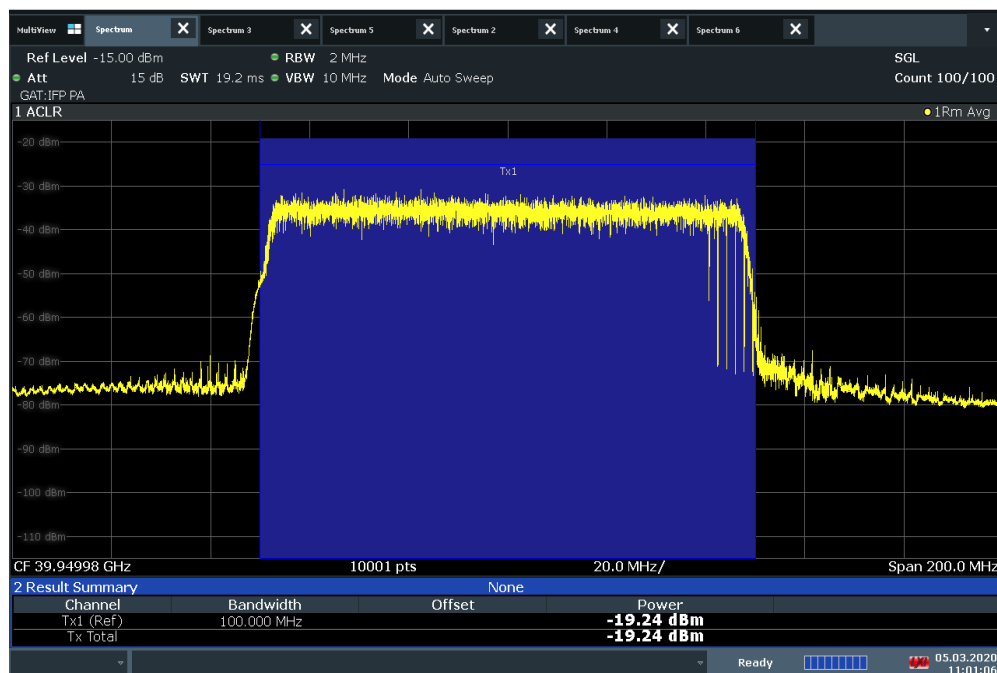


21:59:14 20.02.2020

Plot 7-118. Antenna B EIRP Density Plot (100MHz BW 1CC QPSK High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 85 of 356

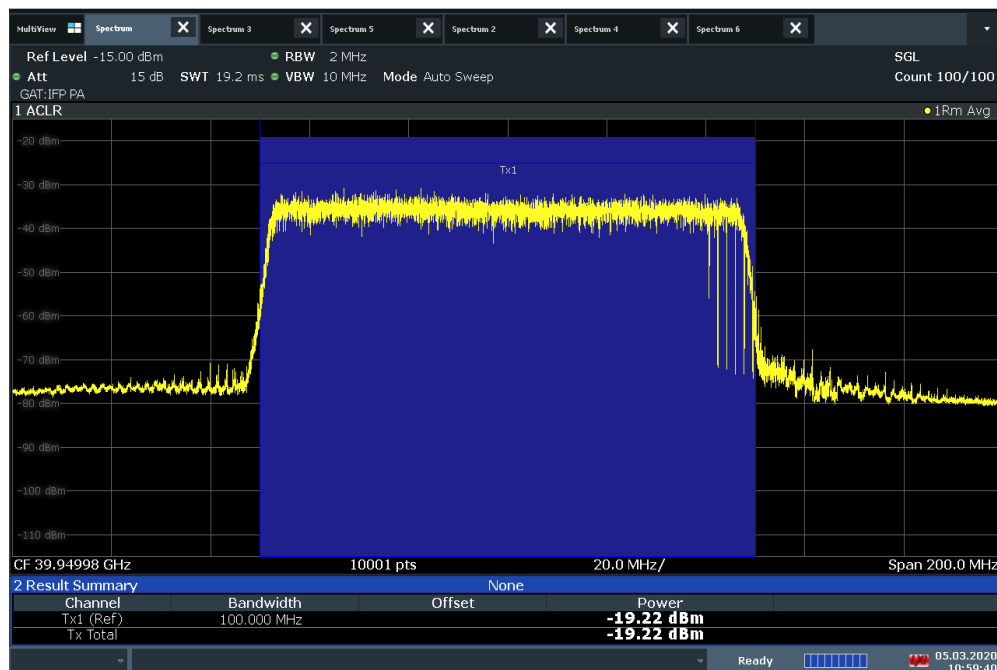
ACLRResults



11:01:06 05.03.2020

Plot 7-119. Antenna B EIRP Density Plot (100MHz BW 1CC 16QAM High Channel)

ACLRResults

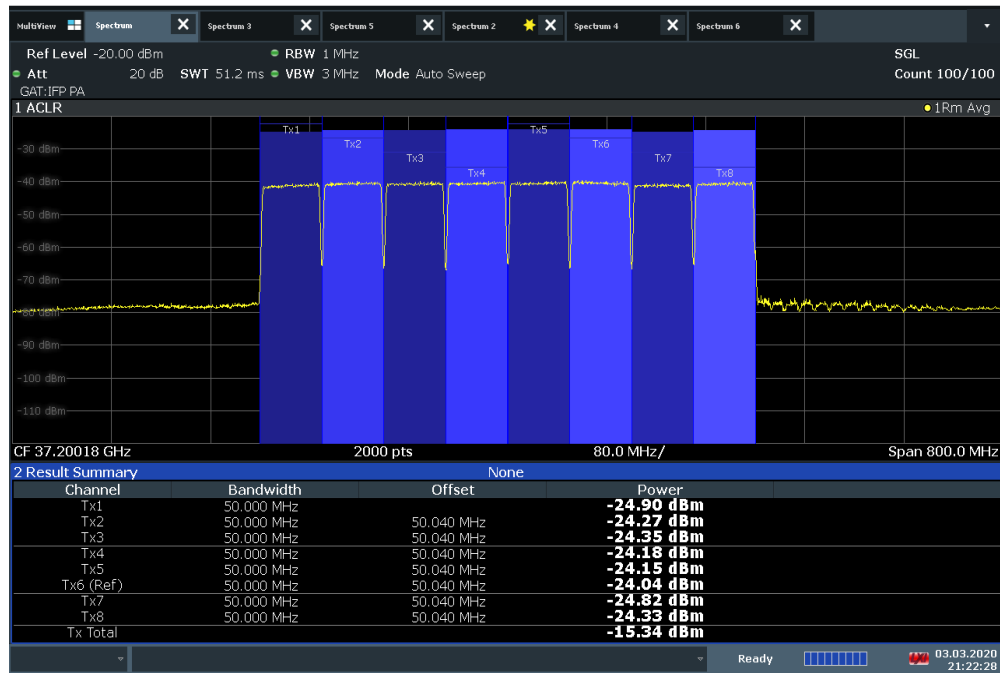


10:59:41 05.03.2020

Plot 7-120. Antenna B EIRP Density Plot (100MHz BW 1CC 64QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 86 of 356

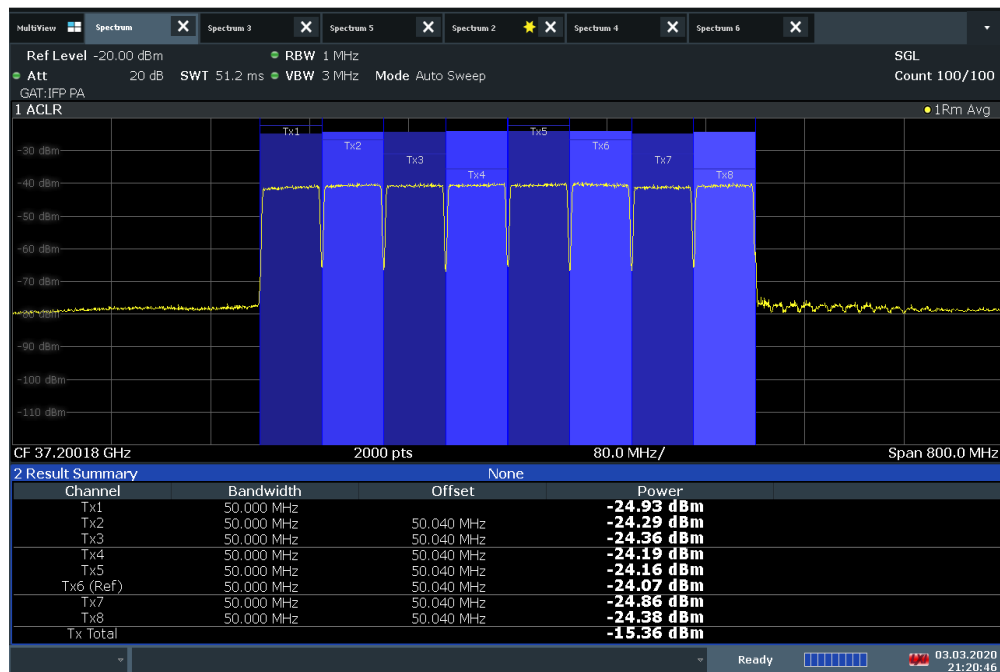
ACLRResults



21:22:28 03.03.2020

Plot 7-121. Antenna B EIRP Density Plot (50MHz BW 8CC QPSK Low Channel)

ACLRResults

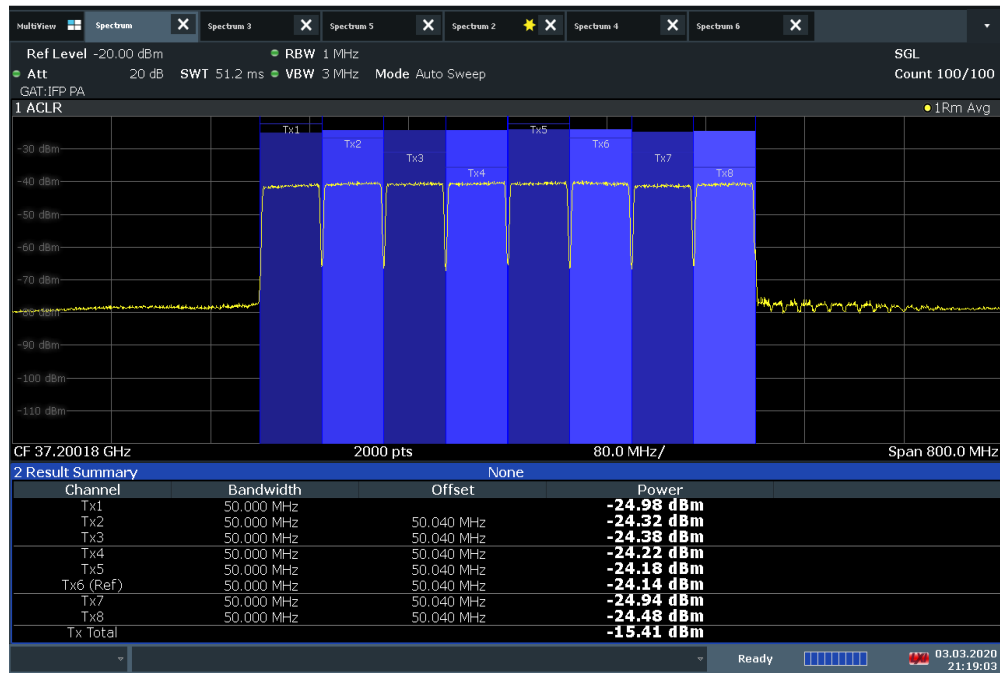


21:20:47 03.03.2020

Plot 7-122. Antenna B EIRP Density Plot (50MHz BW 8CC 16QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 87 of 356

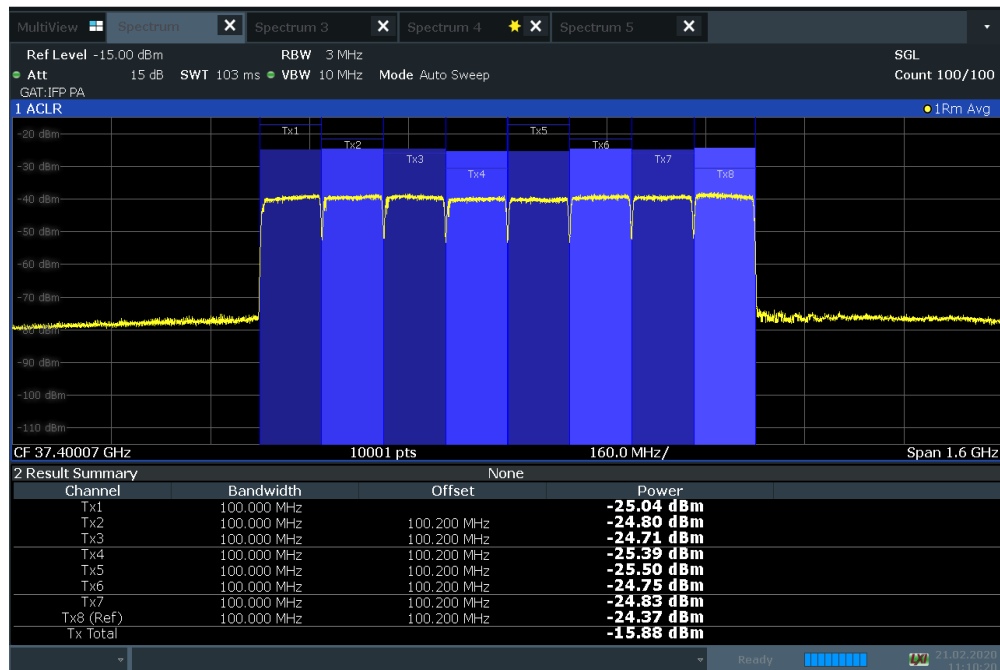
ACLRResults



21:19:03 03.03.2020

Plot 7-123. Antenna B EIRP Density Plot (50MHz BW 8CC 64QAM Low Channel)

ACLRResults

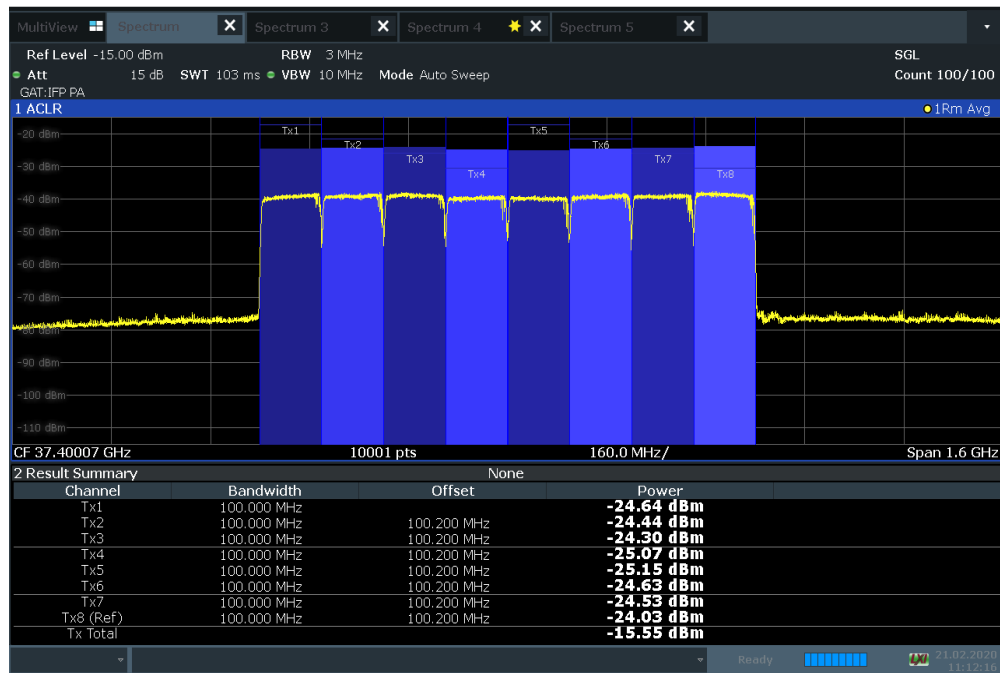


11:10:21 21.02.2020

Plot 7-124. Antenna B EIRP Density Plot (100MHz BW 8CC QPSK Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 88 of 356

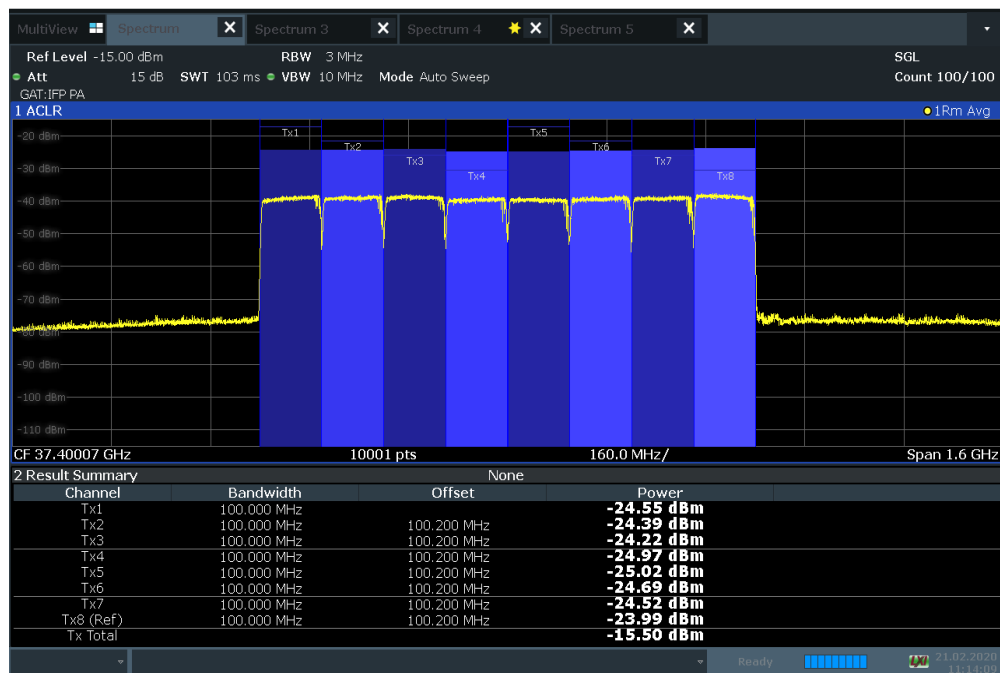
ACLRRResults



11:12:17 21.02.2020

Plot 7-125. Antenna B EIRP Density Plot (100MHz BW 8CC 16QAM Low Channel)

ACLRRResults

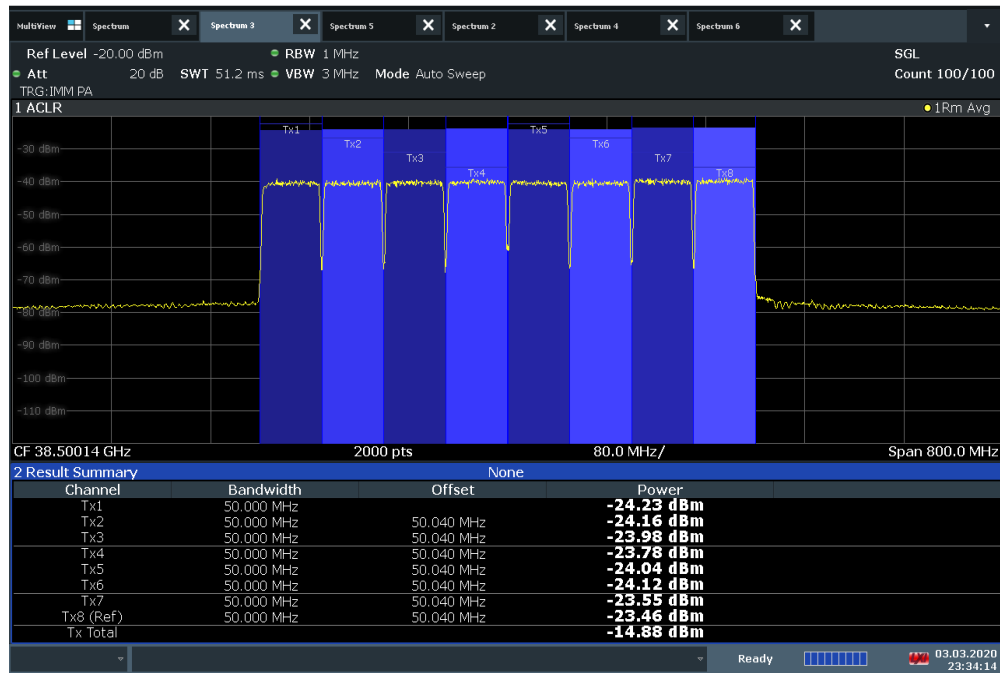


11:14:10 21.02.2020

Plot 7-126. Antenna B EIRP Density Plot (100MHz BW 8CC 64QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 89 of 356

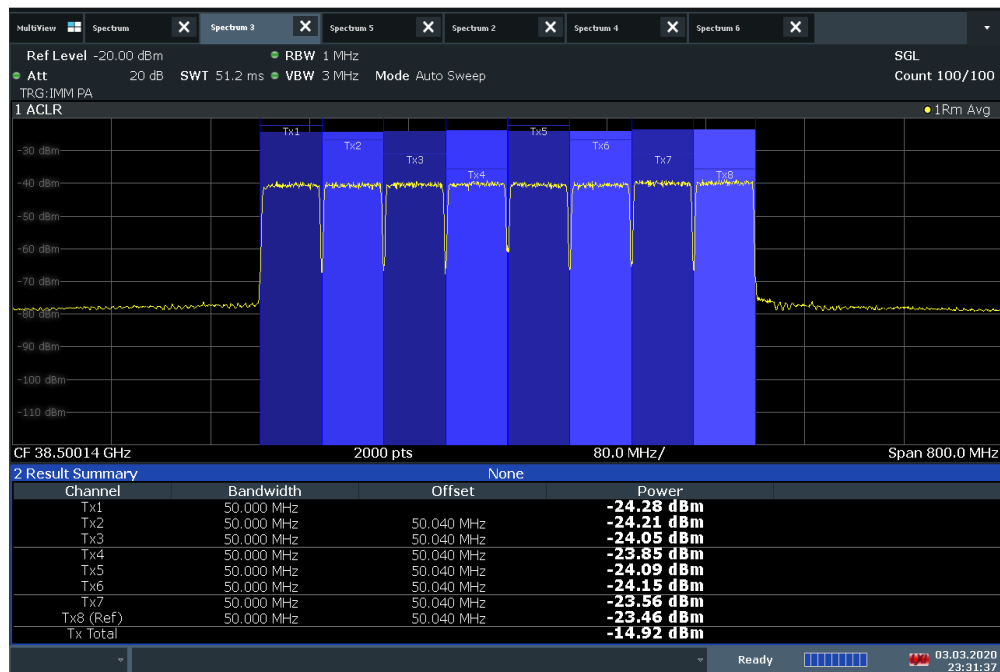
ACLRRResults



23:34:14 03.03.2020

Plot 7-127. Antenna B EIRP Density Plot (50MHz BW 8CC QPSK Mid Channel)

ACLRRResults

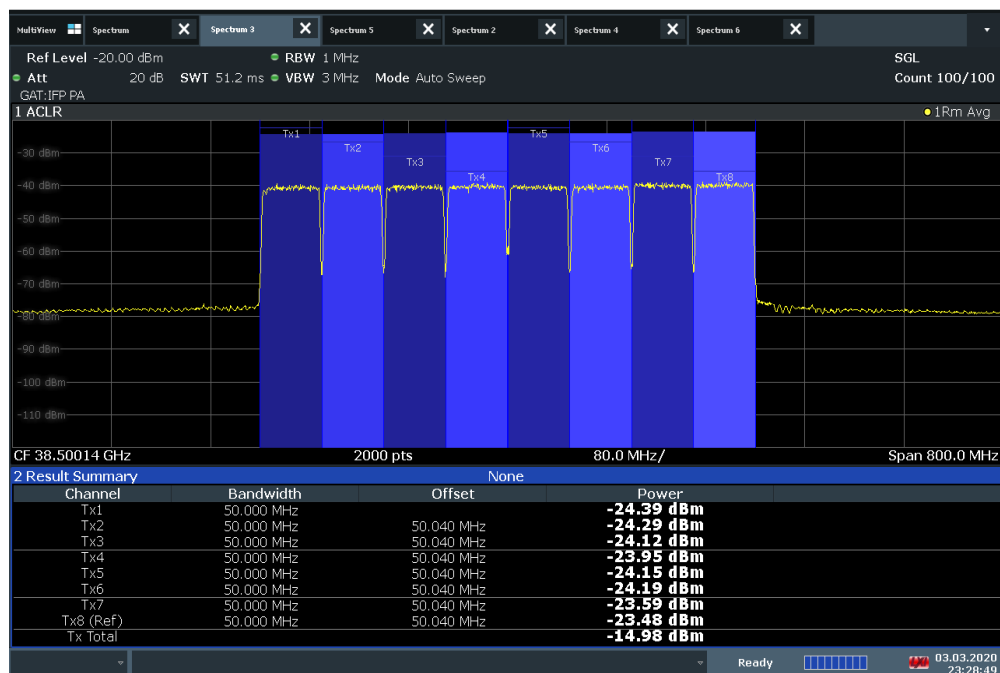


23:31:37 03.03.2020

Plot 7-128. Antenna B EIRP Density Plot (50MHz BW 8CC 16QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 90 of 356

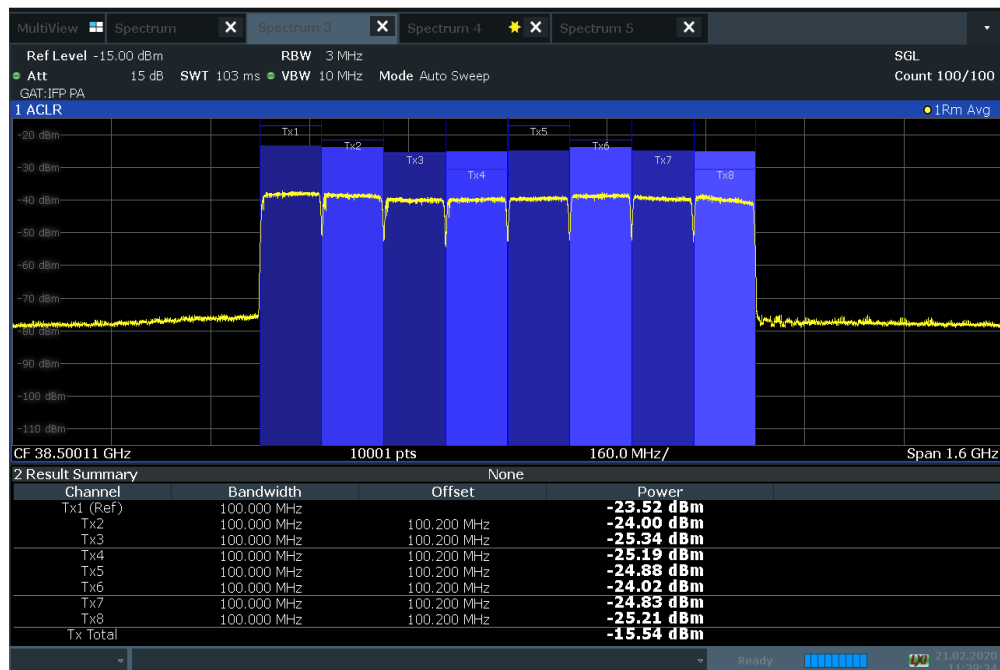
ACLRRResults



23:28:50 03.03.2020

Plot 7-129. Antenna B EIRP Density Plot (50MHz BW 8CC 64QAM Mid Channel)

ACLRRResults

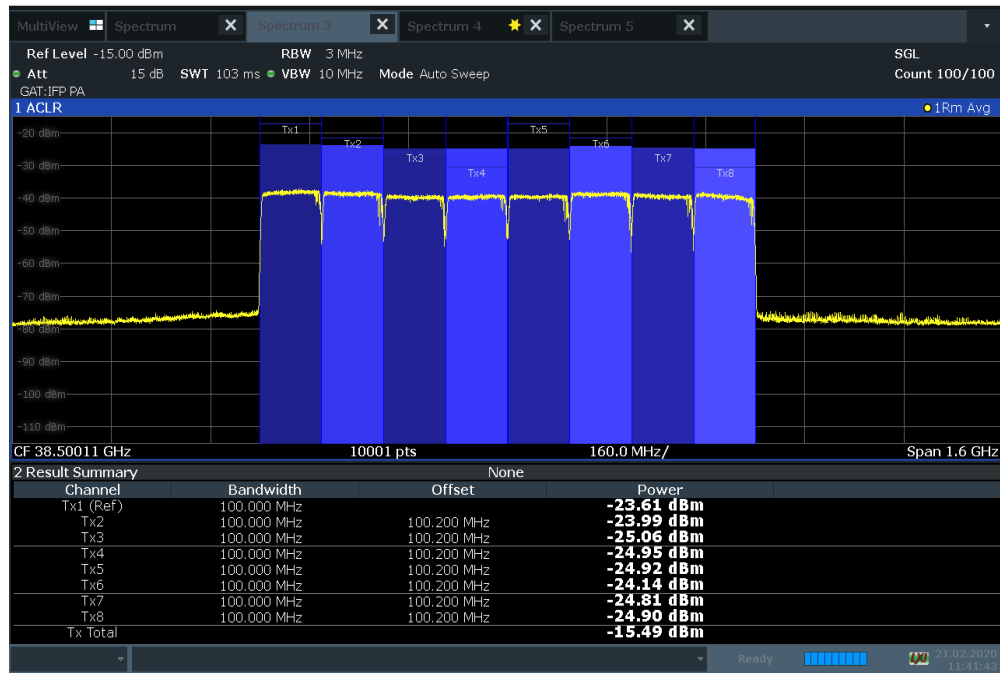


11:39:34 21.02.2020

Plot 7-130. Antenna B EIRP Density Plot (100MHz BW 8CC QPSK Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 91 of 356

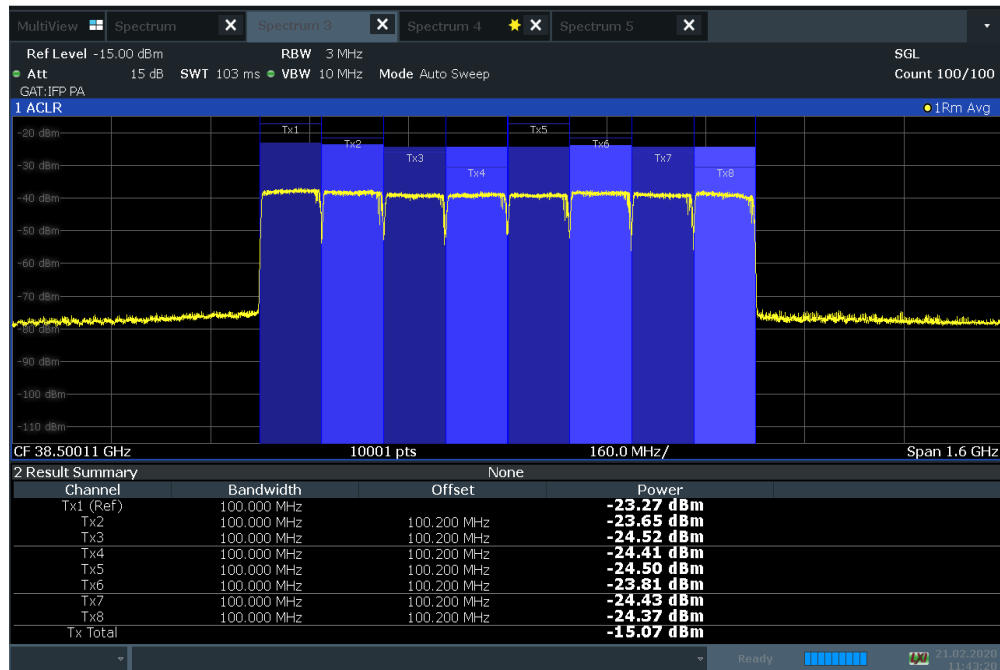
ACLRRResults



11:41:44 21.02.2020

Plot 7-131. Antenna B EIRP Density Plot (100MHz BW 8CC 16QAM Mid Channel)

ACLRRResults

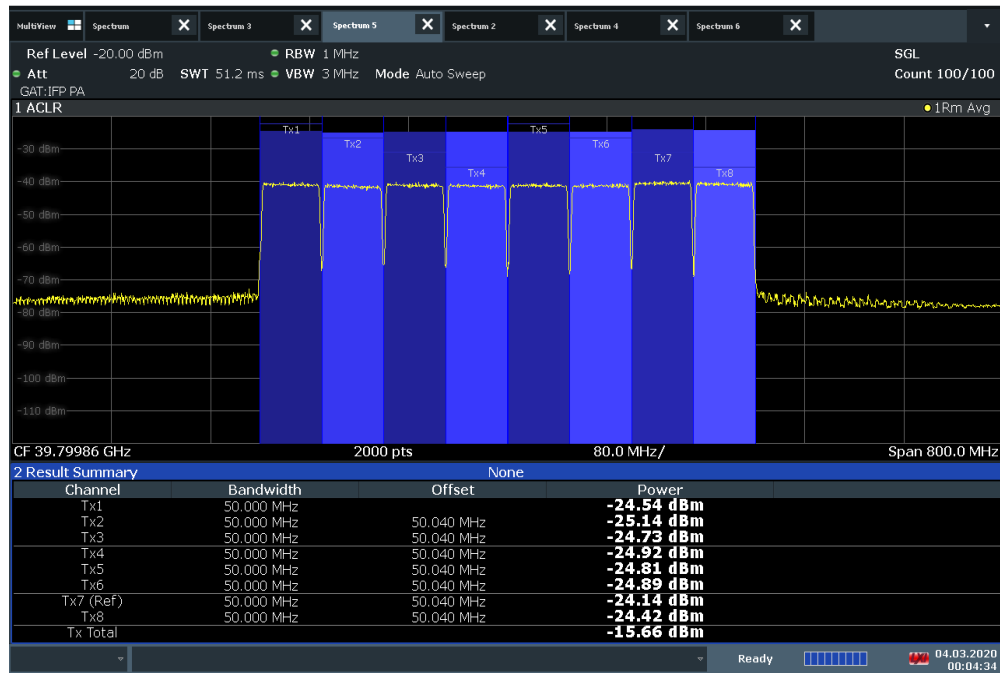


11:43:20 21.02.2020

Plot 7-132. Antenna B EIRP Density Plot (100MHz BW 8CC 64QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 92 of 356

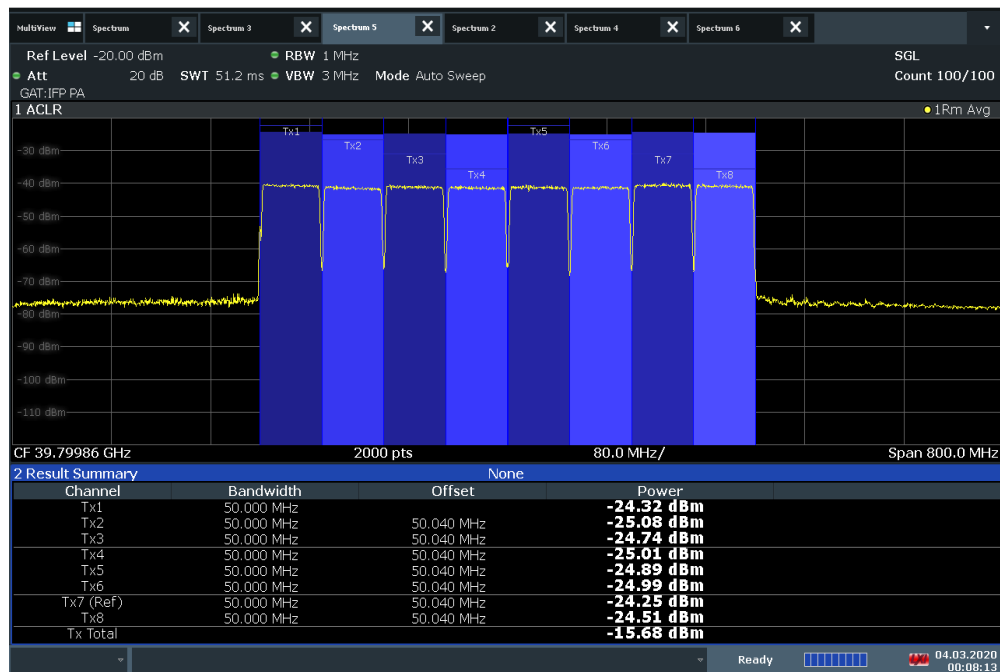
ACLRResults



00:04:35 04.03.2020

Plot 7-133. Antenna B EIRP Density Plot (50MHz BW 8CC QPSK High Channel)

ACLRResults

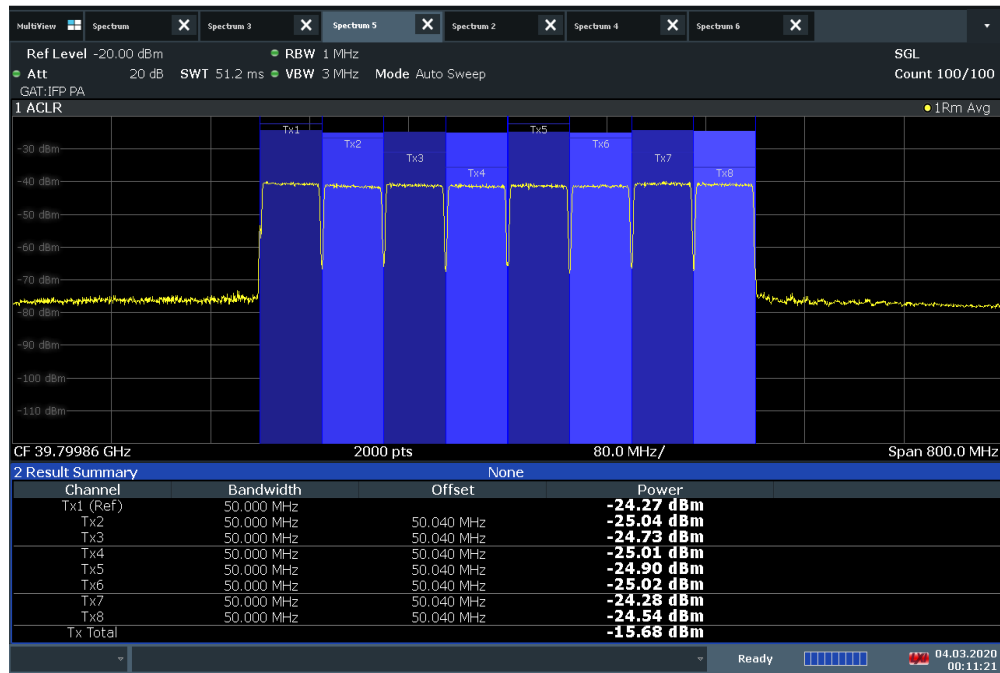


00:08:14 04.03.2020

Plot 7-134. Antenna B EIRP Density Plot (50MHz BW 8CC 16QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 93 of 356

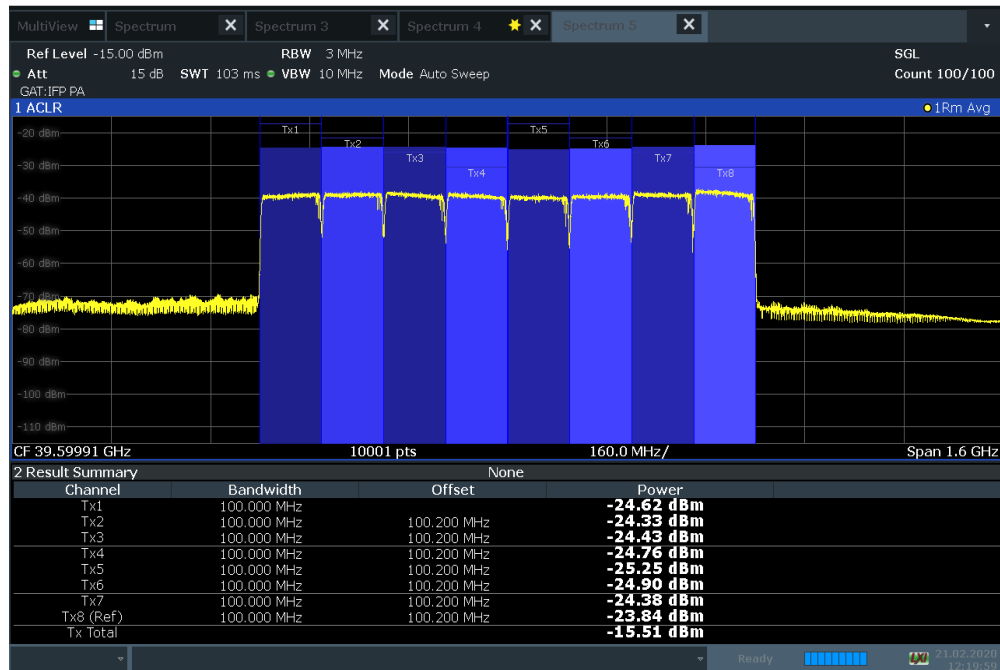
ACLRResults



00:11:21 04.03.2020

Plot 7-135. Antenna B EIRP Density Plot (50MHz BW 8CC 64QAM High Channel)

ACLRResults

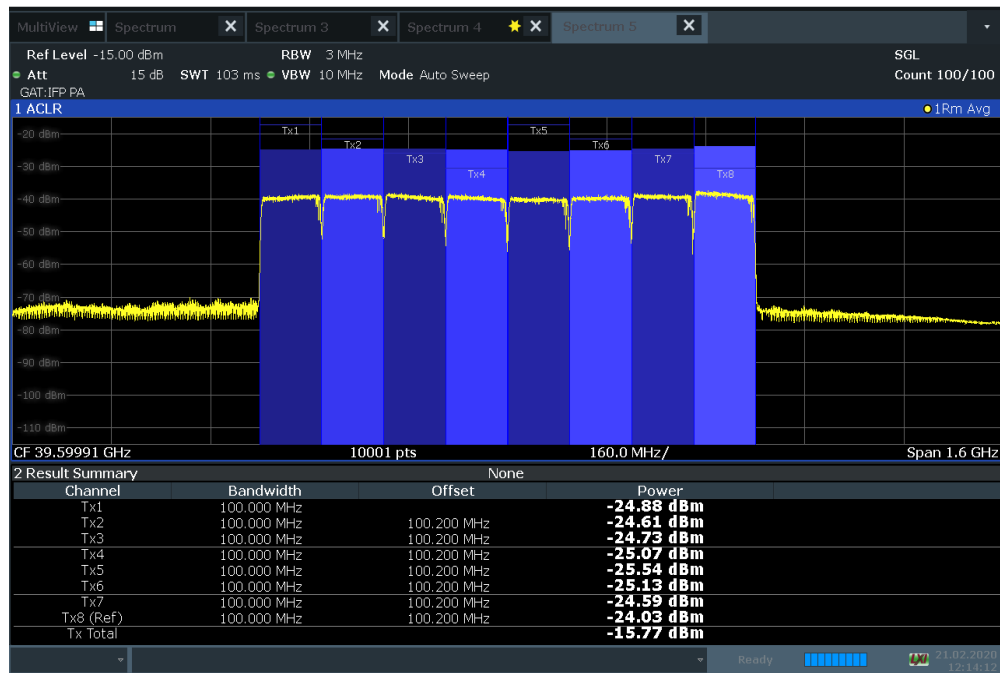


12:19:59 21.02.2020

Plot 7-136. Antenna B EIRP Density Plot (100MHz BW 8CC QPSK High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 94 of 356

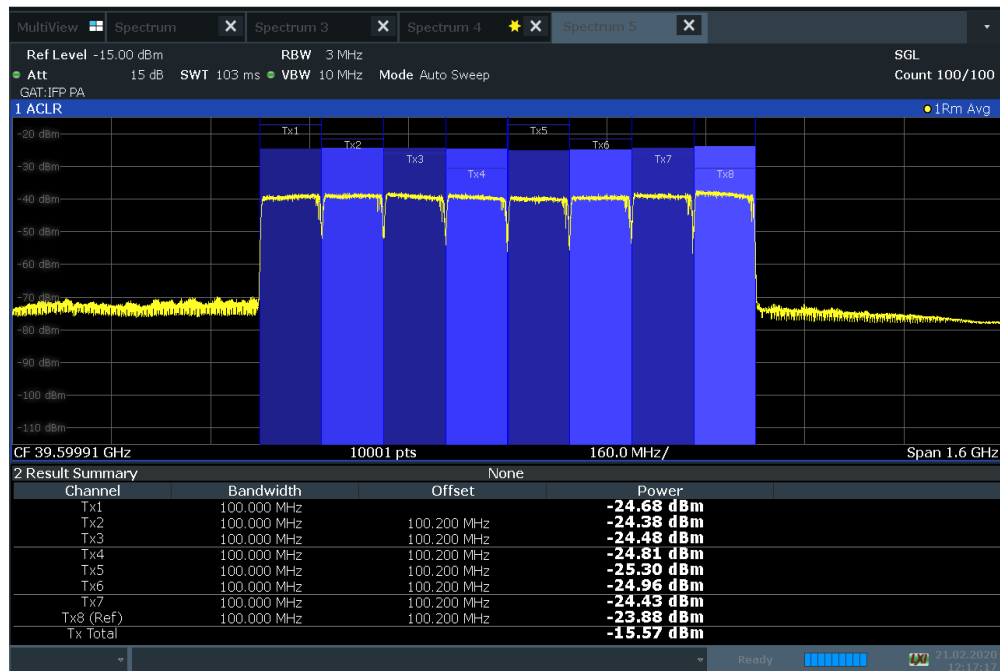
ACLRRResults



12:14:13 21.02.2020

Plot 7-137. Antenna B EIRP Density Plot (100MHz BW 8CC 16QAM High Channel)

ACLRRResults

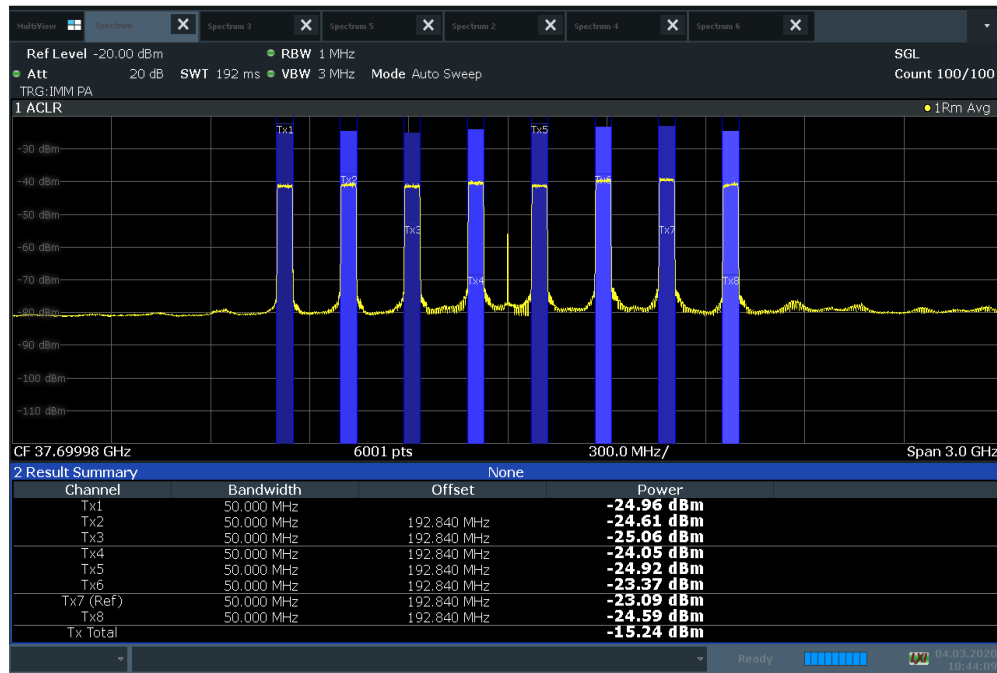


12:17:18 21.02.2020

Plot 7-138. Antenna B EIRP Density Plot (100MHz BW 8CC 64QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 95 of 356

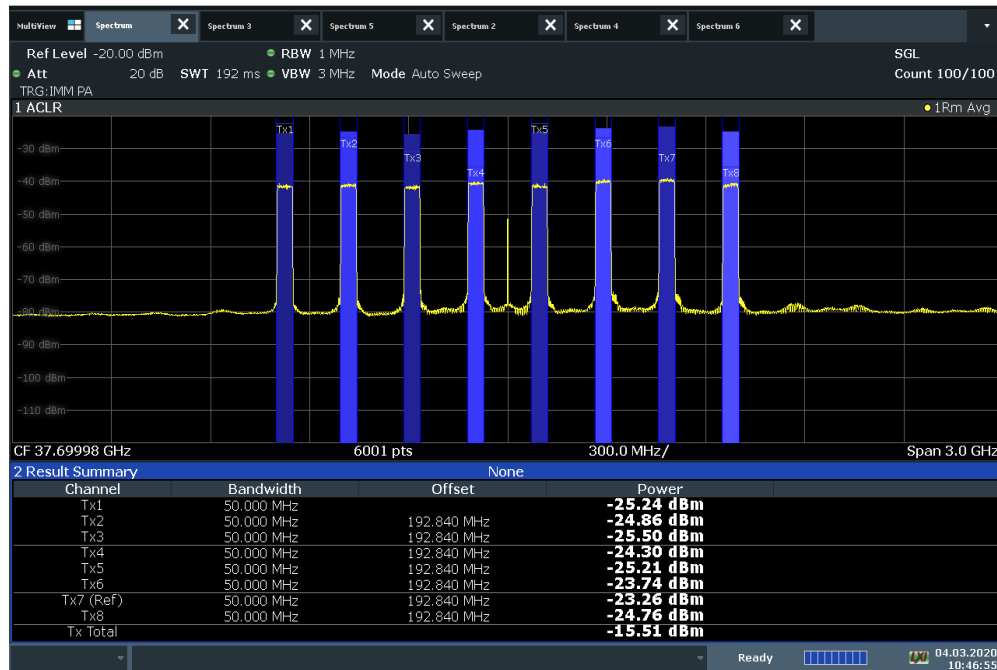
ACLRRResults



10:44:10 04.03.2020

Plot 7-139. Antenna B EIRP Density Plot (50MHz BW 8CC NC QPSK Low Channel)

ACLRRResults

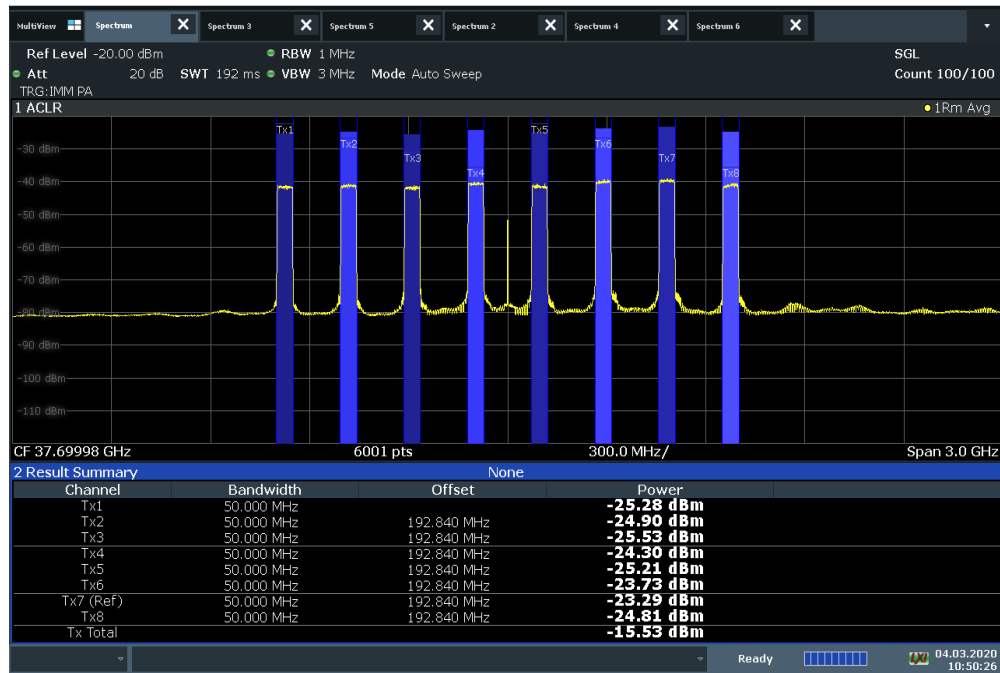


10:46:56 04.03.2020

Plot 7-140. Antenna B EIRP Density Plot (50MHz BW 8CC NC 16QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 96 of 356

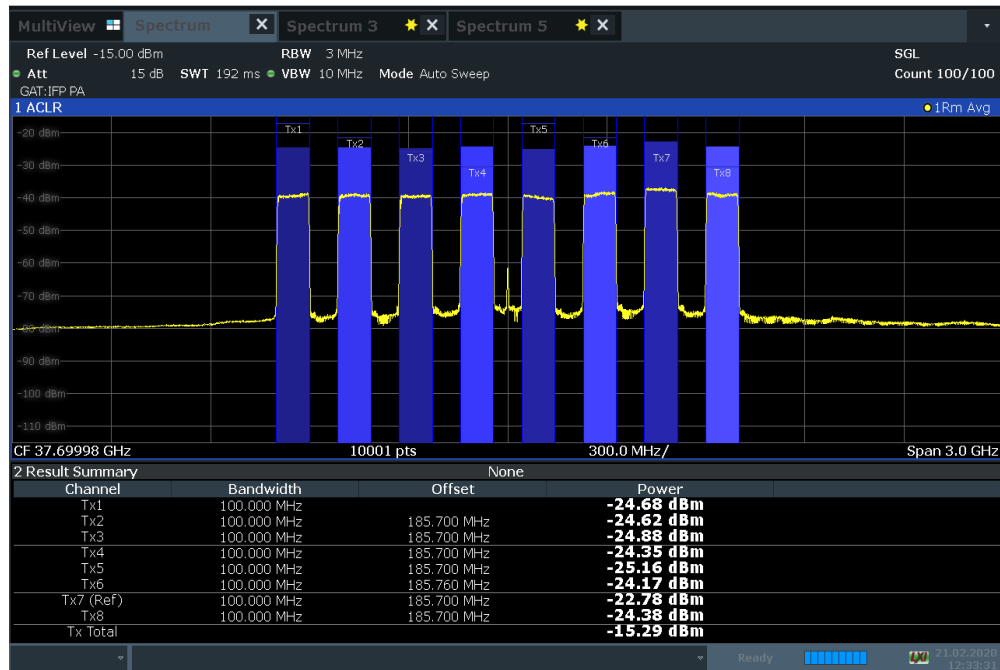
ACLRRResults



10:50:27 04.03.2020

Plot 7-141. Antenna B EIRP Density Plot (50MHz BW 8CC NC 64QAM Low Channel)

ACLRRResults

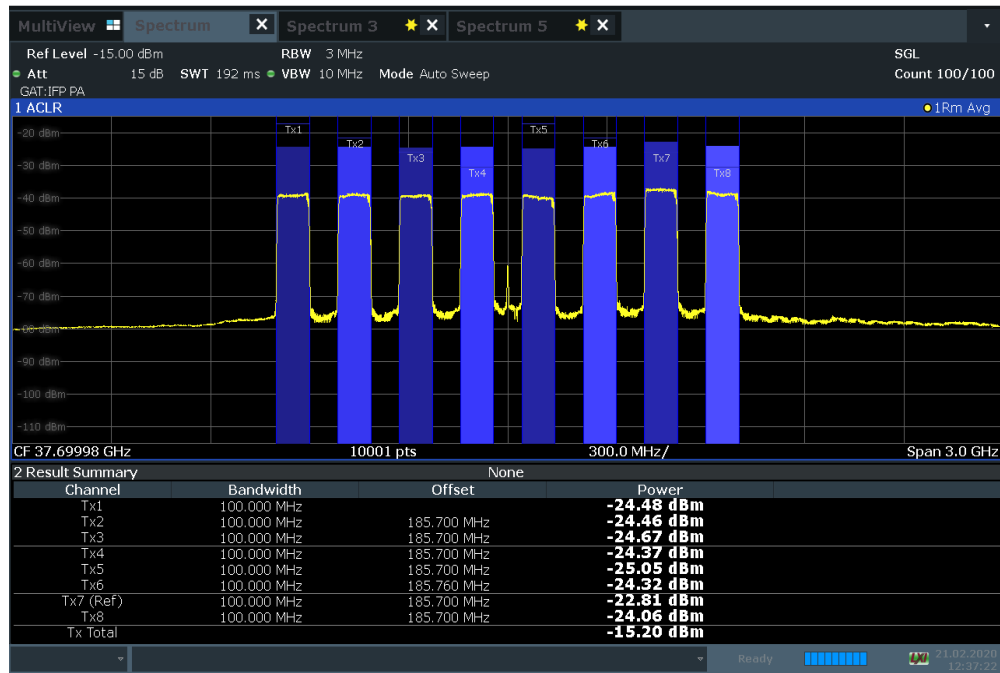


12:33:32 21.02.2020

Plot 7-142. Antenna B EIRP Density Plot (100MHz BW 8CC NC QPSK Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 97 of 356

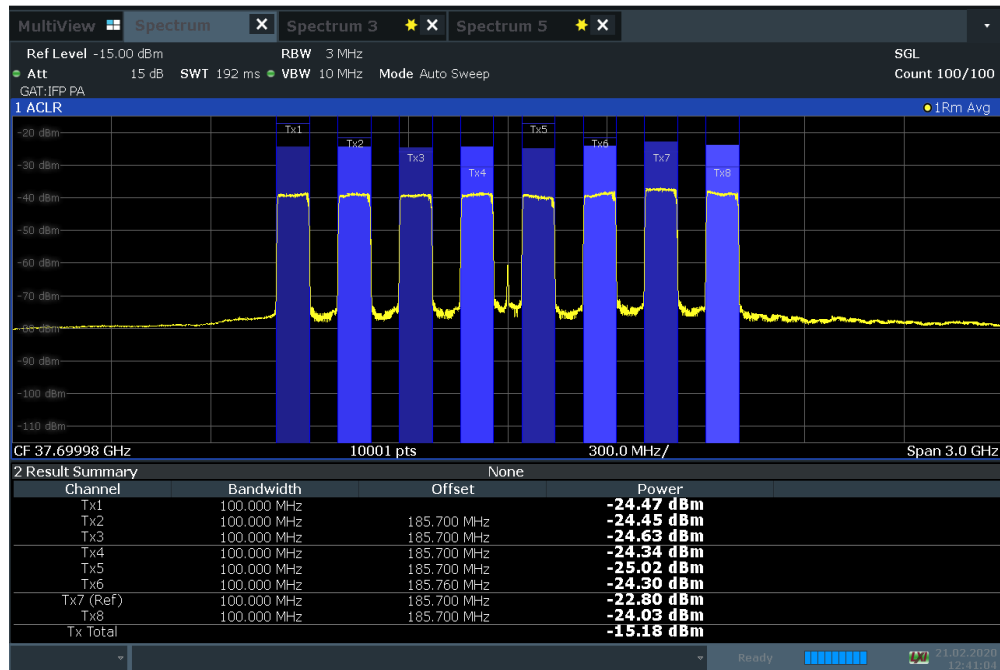
ACLRRResults



12:37:23 21.02.2020

Plot 7-143. Antenna B EIRP Density Plot (100MHz BW 8CC NC 16QAM Low Channel)

ACLRRResults

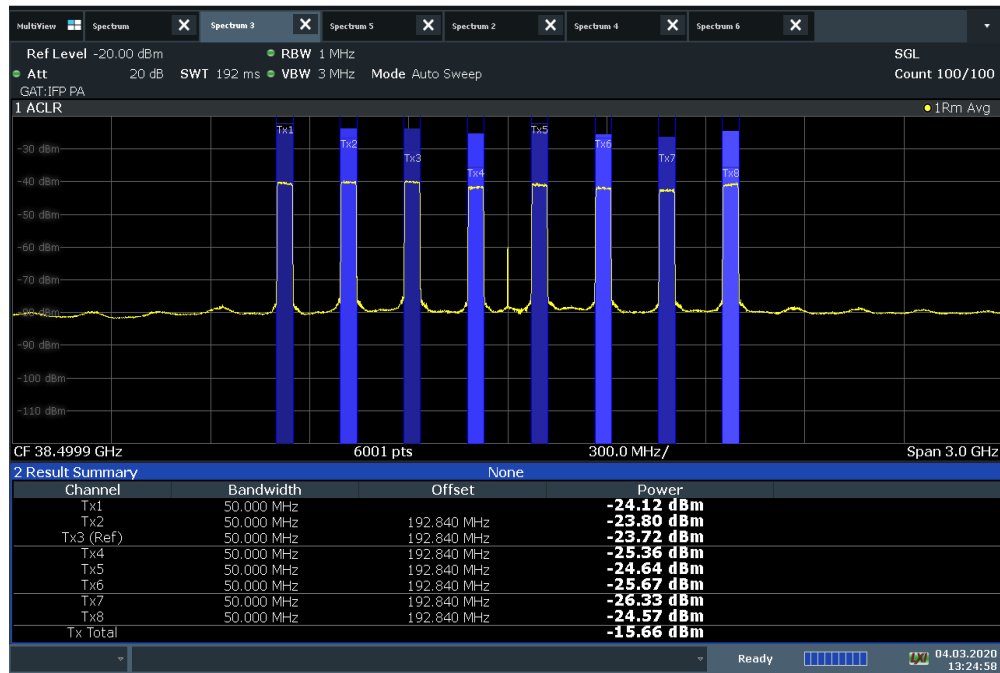


12:41:04 21.02.2020

Plot 7-144. Antenna B EIRP Density Plot (100MHz BW 8CC NC 64QAM Low Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 98 of 356

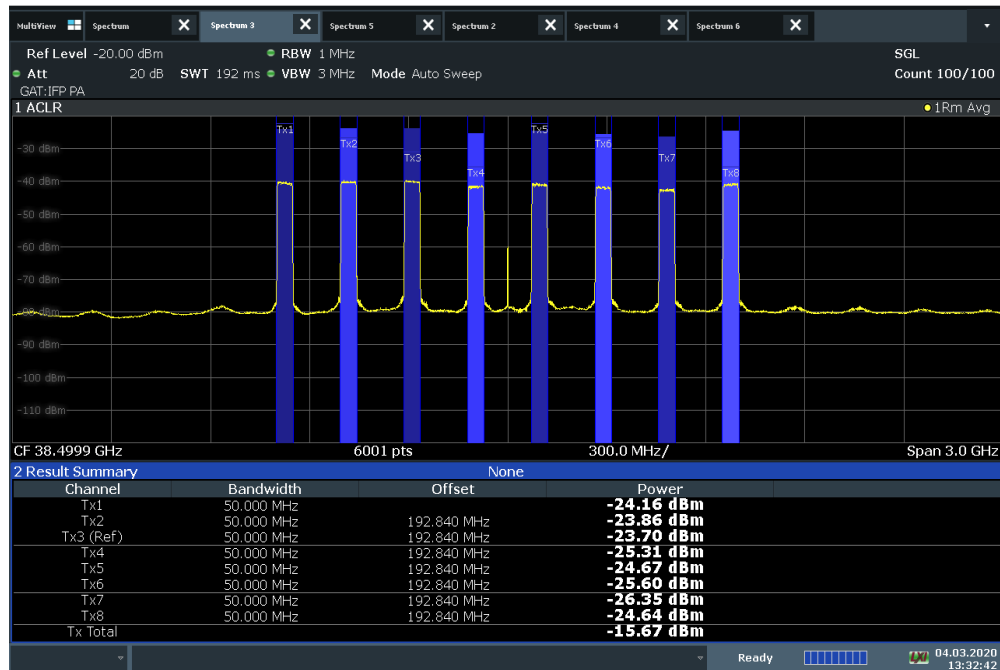
ACLRRResults



13:24:59 04.03.2020

Plot 7-145. Antenna B EIRP Density Plot (50MHz BW 8CC NC QPSK Mid Channel)

ACLRRResults



13:32:43 04.03.2020

Plot 7-146. Antenna B EIRP Density Plot (50MHz BW 8CC NC 16QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 99 of 356

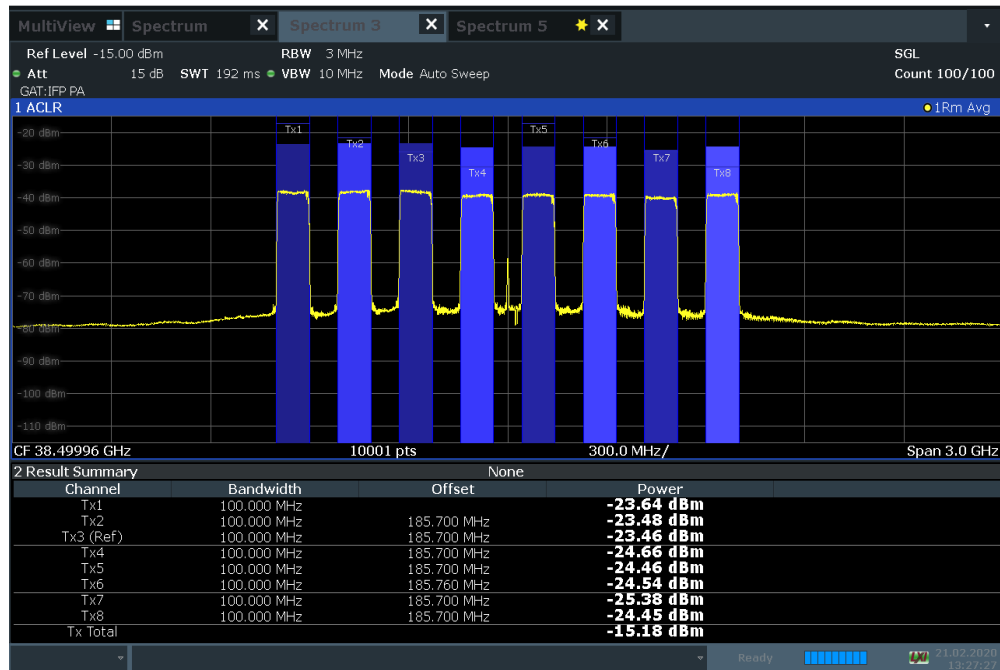
ACLRRResults



13:40:01 04.03.2020

Plot 7-147. Antenna B EIRP Density Plot (50MHz BW 8CC NC 64QAM Mid Channel)

ACLRRResults

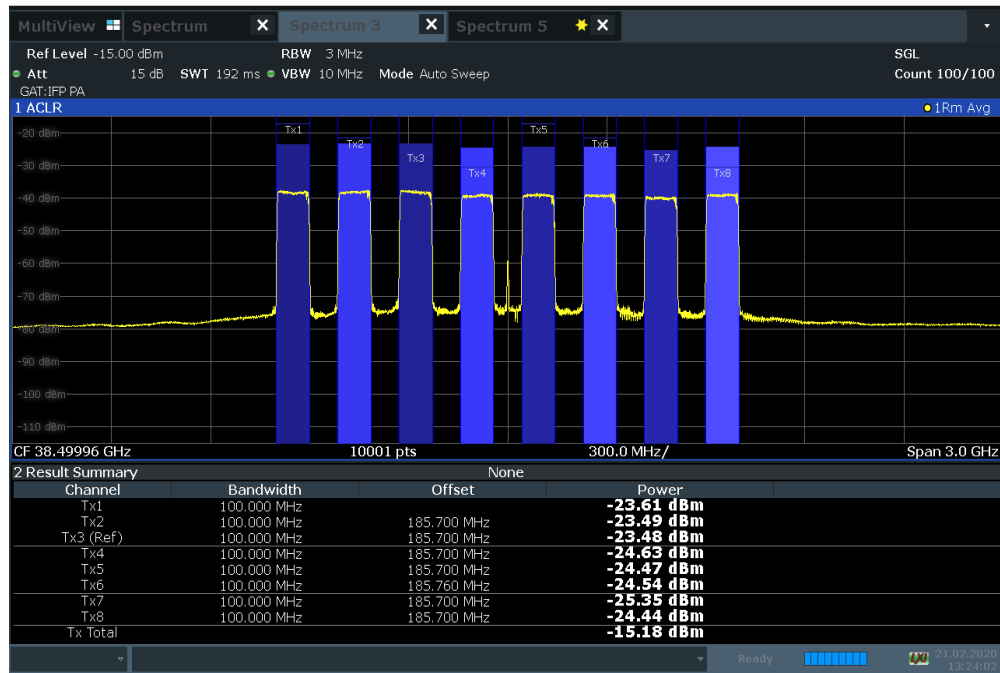


13:27:27 21.02.2020

Plot 7-148. Antenna B EIRP Density Plot (100MHz BW 8CC NC QPSK Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 100 of 356

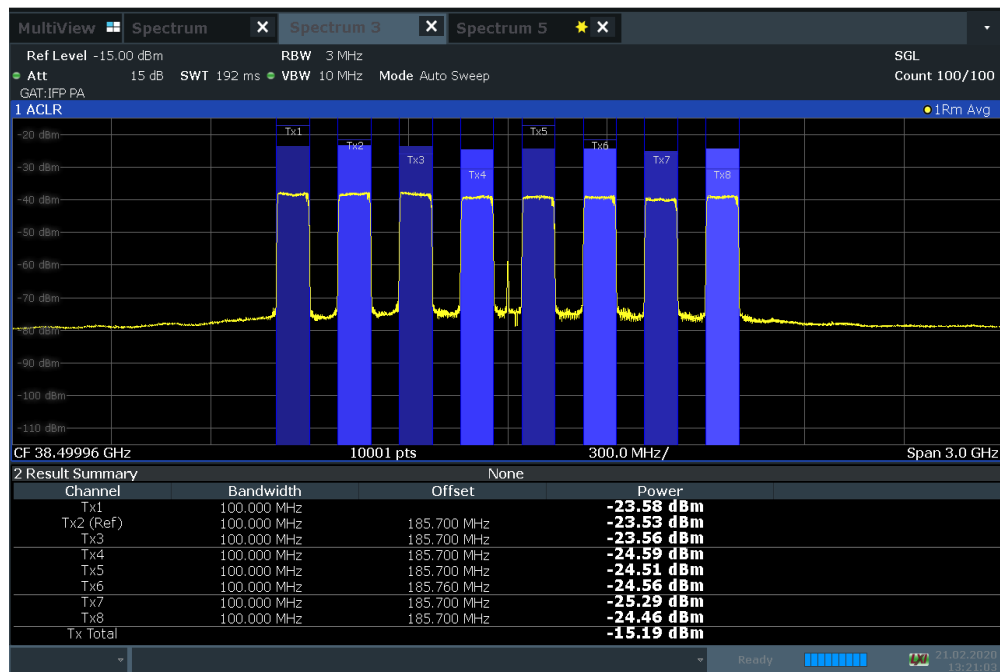
ACLRRResults



13:24:03 21.02.2020

Plot 7-149. Antenna B EIRP Density Plot (100MHz BW 8CC NC 16QAM Mid Channel)

ACLRRResults

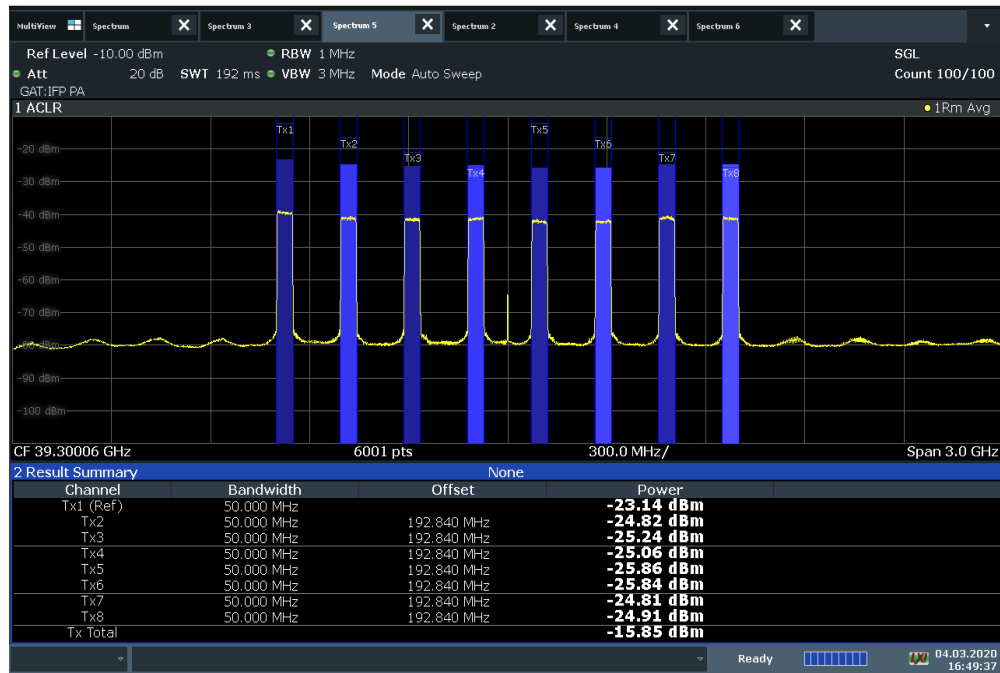


13:21:03 21.02.2020

Plot 7-150. Antenna B EIRP Density Plot (100MHz BW 8CC NC 64QAM Mid Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 101 of 356

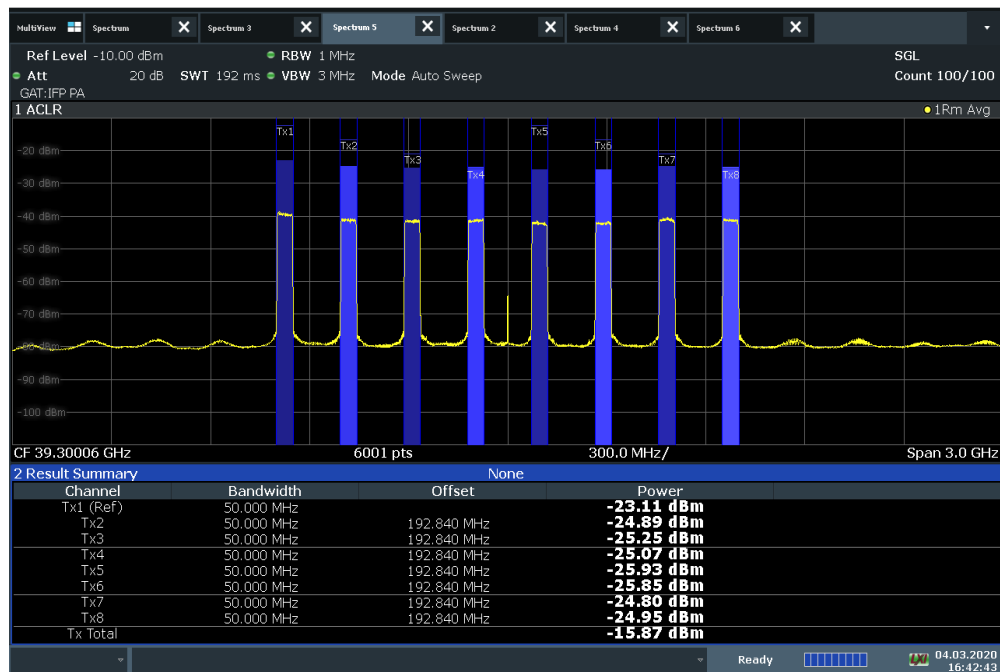
ACLRRResults



16:49:37 04.03.2020

Plot 7-151. Antenna B EIRP Density Plot (50MHz BW 8CC NC QPSK High Channel)

ACLRRResults



16:42:43 04.03.2020

Plot 7-152. Antenna B EIRP Density Plot (50MHz BW 8CC NC 16QAM High Channel)

FCC ID: A3LAT1K02-A00	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K19110701-01.A3L	Test Dates: 02/18/2020-03/06/2020	EUT Type: 5G Access Unit		Page 102 of 356