

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 8: LTE Band 26 (Part 90)		
Date of Test	2020/08/28	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	26697	814.7	QPSK	25.97	21.66	4.24
			16-QAM	25.95	21.25	4.67
			64-QAM	25.82	19.74	6.00
	26740	819	QPSK	25.99	21.52	4.39
			16-QAM	25.92	20.59	5.33
			64-QAM	25.87	19.65	6.15
	26783	823.3	QPSK	25.63	21.51	4.07
			16-QAM	25.66	20.87	4.72
			64-QAM	25.52	19.62	5.89
3M	26705	815.5	QPSK	25.91	21.61	4.30
			16-QAM	26.00	20.91	5.11
			64-QAM	25.99	19.74	6.17
	26740	819	QPSK	25.99	21.66	4.30
			16-QAM	26.16	21.18	4.85
			64-QAM	26.04	19.92	6.07
	26775	822.5	QPSK	25.75	21.64	4.09
			16-QAM	25.97	20.98	4.98
			64-QAM	25.73	19.90	5.78
5M	26715	816.5	QPSK	25.82	21.47	4.37
			16-QAM	25.81	20.52	5.26
			64-QAM	25.85	19.58	6.22
	26740	819	QPSK	25.98	21.64	4.33
			16-QAM	26.09	20.96	5.15
			64-QAM	26.01	19.75	6.17
	26765	821.5	QPSK	25.67	21.50	4.15
			16-QAM	25.72	20.73	5.00
			64-QAM	25.62	19.55	6.00
10M	26740	819	QPSK	25.91	21.56	4.30
			16-QAM	25.85	20.75	5.09
			64-QAM	25.93	19.87	6.02

B26_CH26697_1.4M_1RB2_QPSK_Ratio



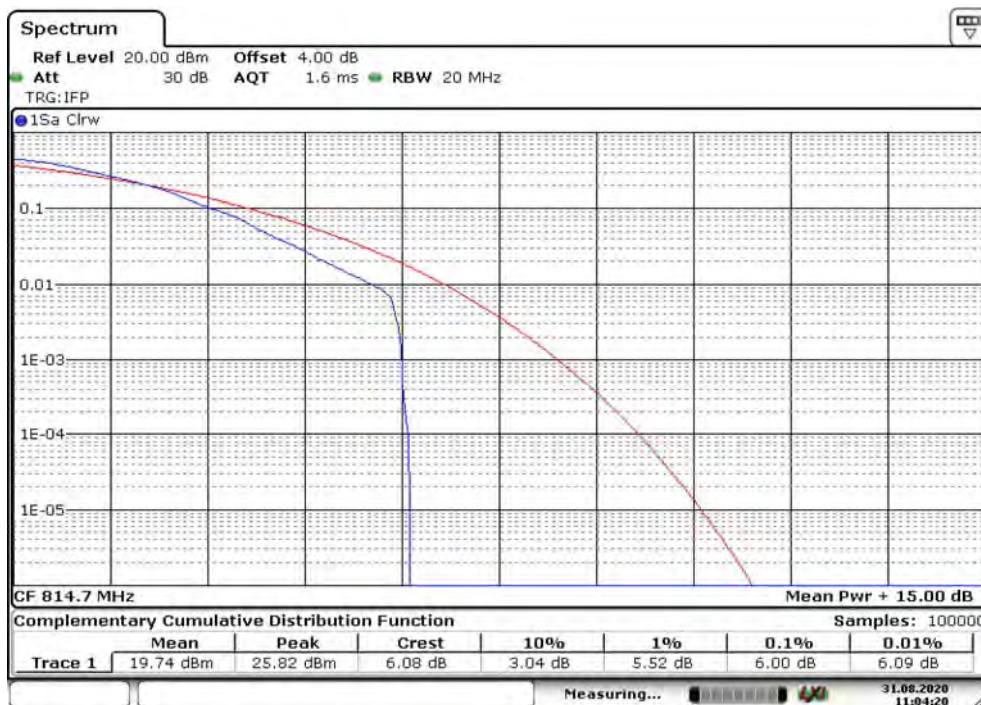
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B26_CH26697_1.4M_1RB2_16-QAM_Ratio



Date: 31.AUG.2020 11:03:22

B26_CH26697_1.4M_1RB2_64-QAM_Ratio



Date: 31.AUG.2020 11:04:20

B26_CH26740_1.4M_1RB2_QPSK_Ratio



Date: 31.AUG.2020 10:16:00

B26_CH26740_1.4M_1RB2_16-QAM_Ratio



Date: 31.AUG.2020 10:15:34

B26_CH26740_1.4M_1RB2_64-QAM_Ratio



Date: 31.AUG.2020 10:14:41

B26_CH26783_1.4M_1RB2_QPSK_Ratio



Date: 31.AUG.2020 11:14:35

B26_CH26783_1.4M_1RB2_16-QAM_Ratio



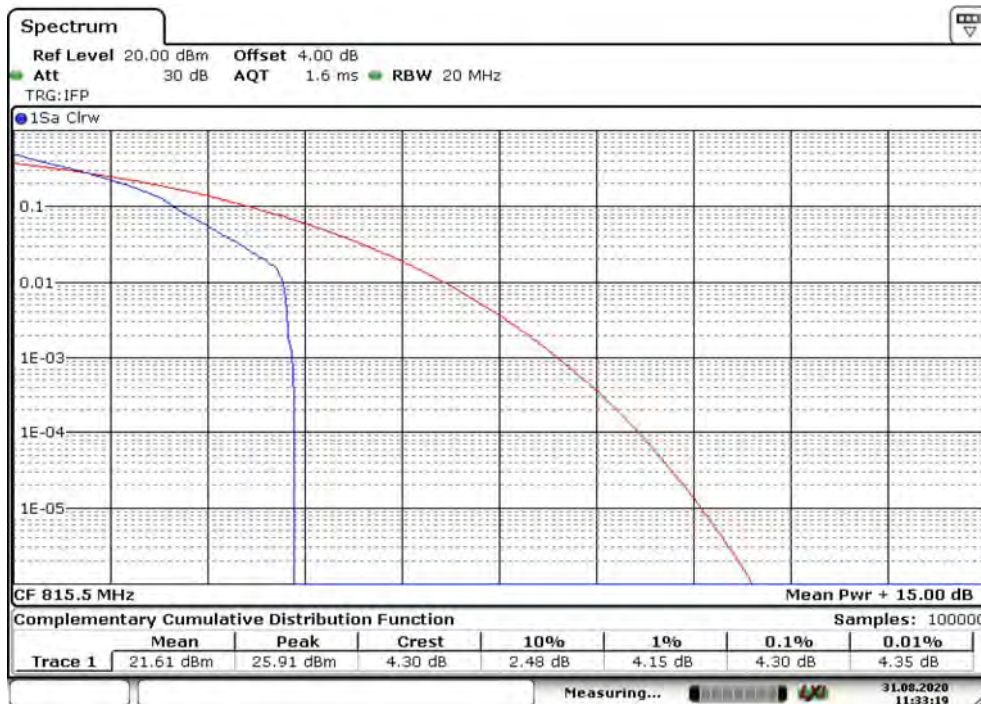
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B26_CH26783_1.4M_1RB2_64-QAM_Ratio



Date: 31.AUG.2020 11:09:58

B26_CH26705_3M_1RB7_QPSK_Ratio



Date: 31.AUG.2020 11:33:19

B26_CH26705_3M_1RB7_16-QAM_Ratio



Date: 31.AUG.2020 11:33:02

B26_CH26705_3M_1RB7_64-QAM_Ratio



Date: 31.AUG.2020 11:32:48

B26_CH26740_3M_1RB7_QPSK_Ratio



Date: 31.AUG.2020 11:18:19

B26_CH26740_3M_1RB7_16-QAM_Ratio



Date: 31.AUG.2020 11:19:32

B26_CH26740_3M_1RB7_64-QAM_Ratio



Date: 31.AUG.2020 11:20:04

B26_CH26775_3M_1RB7_QPSK_Ratio



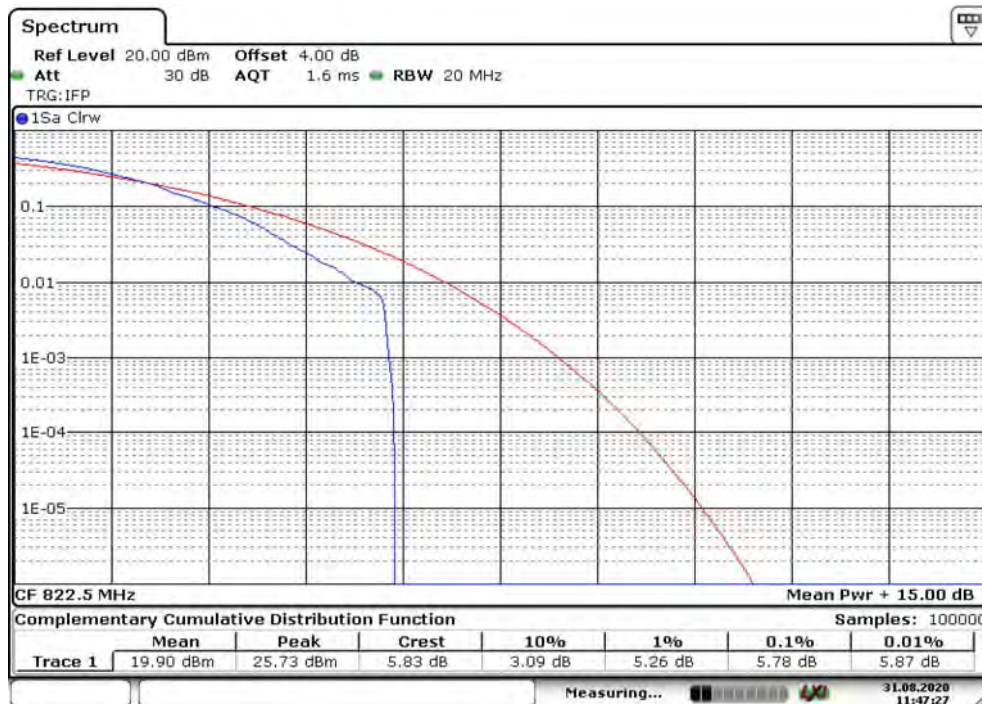
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Date: 31.AUG.2020 11:47:10

B26_CH26775_3M_1RB7_64-QAM_Ratio



Date: 31.AUG.2020 11:47:26

B26_CH26715_5M__1RB12_QPSK_Ratio



Date: 31.AUG.2020 13:24:54

B26_CH26715_5M__1RB12_16-QAM_Ratio



Date: 31.AUG.2020 13:27:15

B26_CH26715_5M_1RB12_64-QAM_Ratio



Date: 31.AUG.2020 13:43:53

B26_CH26740_5M_1RB12_QPSK_Ratio



Date: 31.AUG.2020 11:58:22

B26_CH26740_5M_1RB12_16-QAM_Ratio



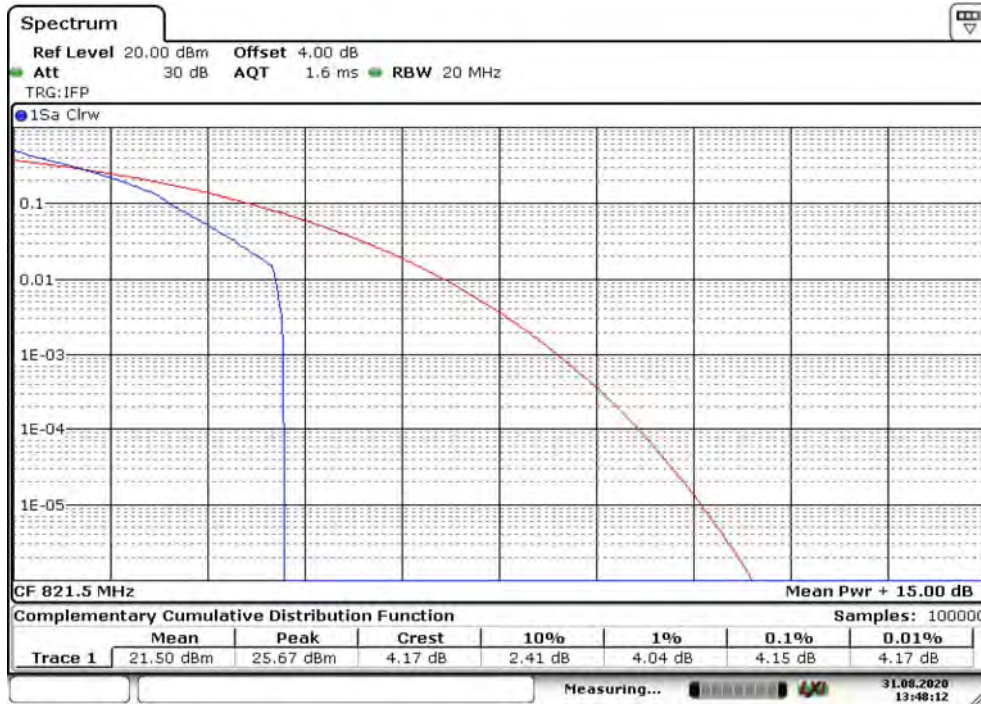
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B26_CH26740_5M_1RB12_64-QAM_Ratio



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B26_CH26765_5M__1RB12_QPSK_Ratio



Date: 31.AUG.2020 13:48:12

B26_CH26765_5M__1RB12_16-QAM_Ratio



Date: 31.AUG.2020 13:45:09

B26_CH26765_5M_1RB12_64-QAM_Ratio



Date: 31.AUG.2020 13:44:48

B26_CH26740_10M_1RB24_QPSK_Ratio



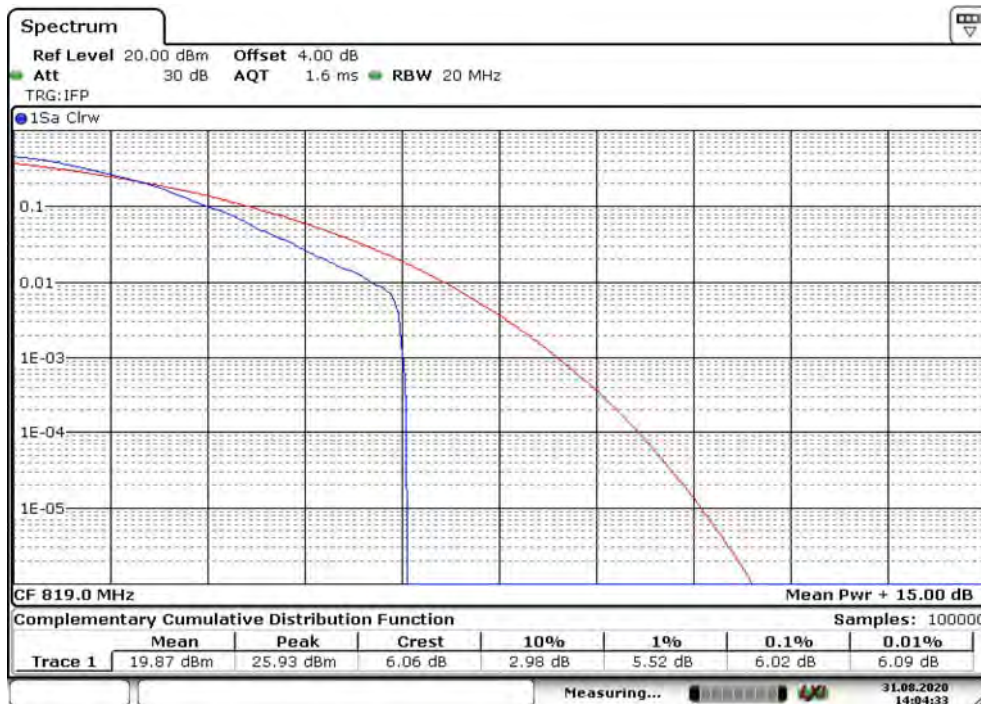
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B26_CH26740_10M_1RB24_64-QAM_Ratio



Date: 31.AUG.2020 14:04:33

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 9: LTE Band 41 (FCC)		
Date of Test	2020/08/28	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
5M	39675	2498.5	QPSK	25.57	20.97	4.57
			16-QAM	25.48	20.14	5.28
			64-QAM	25.71	19.48	6.15
	40620	2593	QPSK	25.87	20.99	4.85
			16-QAM	26.05	20.32	5.67
			64-QAM	26.09	19.55	6.46
	41565	2687.5	QPSK	25.52	20.76	4.72
			16-QAM	25.81	20.28	5.45
			64-QAM	25.77	19.35	6.35
10M	39700	2501	QPSK	25.36	20.87	4.41
			16-QAM	25.34	19.82	5.43
			64-QAM	25.70	19.50	6.11
	40620	2593	QPSK	25.79	20.80	4.85
			16-QAM	25.89	19.94	5.87
			64-QAM	25.22	18.94	6.22
	41540	2685	QPSK	25.47	20.61	4.72
			16-QAM	25.55	19.99	5.41
			64-QAM	25.85	19.49	6.24
15M	39725	2503.5	QPSK	25.43	20.96	4.37
			16-QAM	25.58	20.12	5.37
			64-QAM	25.70	19.56	6.07
	40620	2593	QPSK	25.96	20.98	4.85
			16-QAM	25.88	19.94	5.83
			64-QAM	26.05	19.51	6.43
	41515	2682.5	QPSK	25.38	20.56	4.70
			16-QAM	25.43	19.73	5.63
			64-QAM	24.84	18.65	6.15

BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
20M	39750	2506	QPSK	25.55	20.97	4.48
			16-QAM	25.37	20.02	5.24
			64-QAM	25.48	19.39	5.98
	40620	2593	QPSK	25.96	20.95	4.89
			16-QAM	26.04	20.38	5.48
			64-QAM	25.97	19.45	6.39
	41490	2680	QPSK	25.45	20.86	4.48
			16-QAM	25.44	19.76	5.54
			64-QAM	24.78	18.68	6.04

B41_CH39675_5M_1RB12_QPSK_Ratio



Date: 27.AUG.2020 20:49:53

B41_CH39675_5M_1RB12_16-QAM_Ratio



Date: 27.AUG.2020 20:49:28

B41_CH39675_5M_1RB12_64-QAM_Ratio



Date: 1.SEP.2020 10:25:06

B41_CH40620_5M_1RB12_QPSK_Ratio



Date: 27.AUG.2020 20:47:59

B41_CH40620_5M_1RB12_16-QAM_Ratio



Date: 27.AUG.2020 20:48:36

B41_CH40620_5M_1RB12_64-QAM_Ratio



Date: 1.SEP.2020 10:06:13

B41_CH41565_5M_1RB12_QPSK_Ratio



Date: 27.AUG.2020 20:50:19

B41_CH41565_5M_1RB12_16-QAM_Ratio



Date: 27.AUG.2020 20:50:36

B41_CH41565_5M_1RB12_64-QAM_Ratio



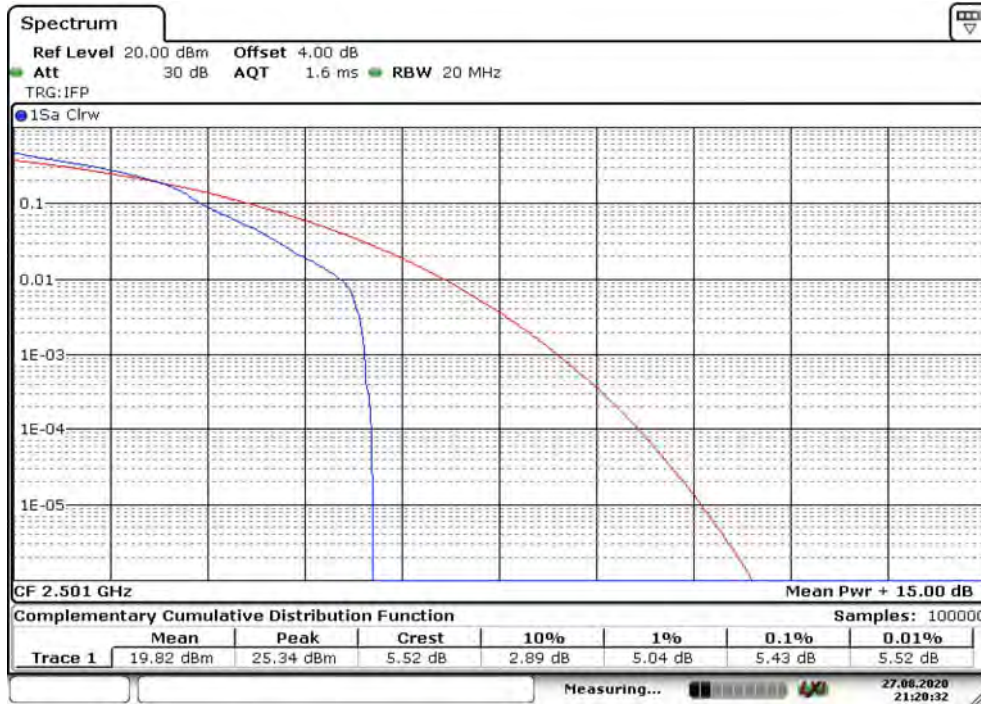
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B41_CH39700_10M_1RB24_QPSK_Ratio



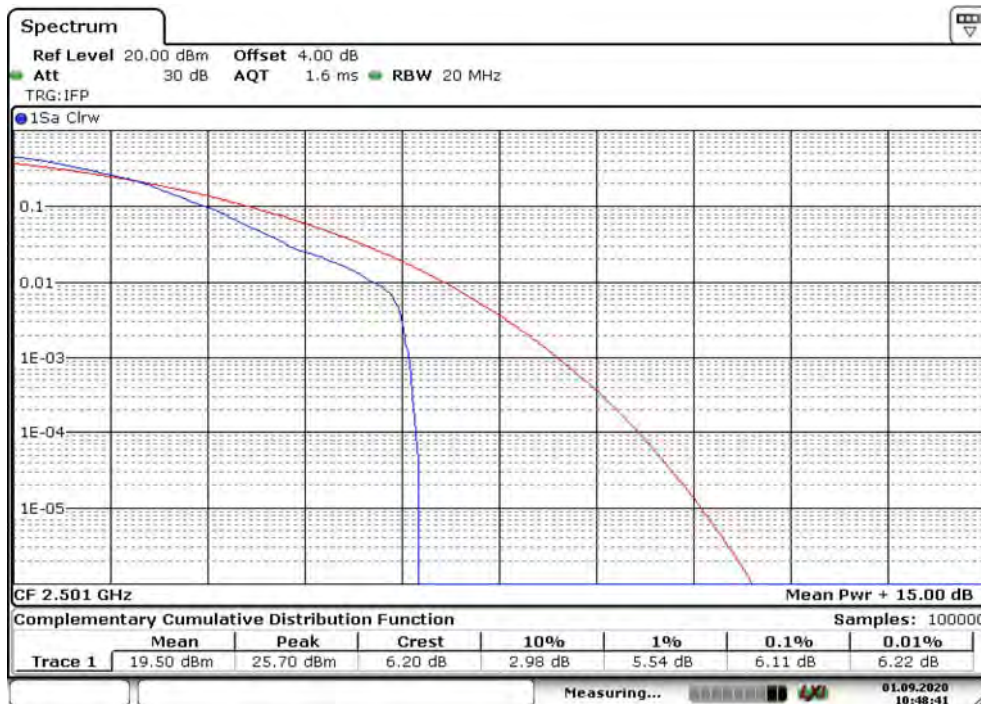
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B41_CH39700_10M_1RB24_16-QAM_Ratio



Date: 27.AUG.2020 21:20:33

B41_CH39700_10M_1RB24_64-QAM_Ratio



Date: 1.SEP.2020 10:48:41

B41_CH40620_10M_1RB24_QPSK_Ratio



Date: 27.AUG.2020 21:17:54

B41_CH40620_10M_1RB24_16-QAM_Ratio



Date: 27.AUG.2020 21:18:11

B41_CH40620_10M_1RB24_64-QAM_Ratio



Date: 1.SEP.2020 10:41:42

B41_CH41540_10M_1RB24_QPSK_Ratio



Date: 27.AUG.2020 21:22:51

B41_CH41540_10M_1RB24_16-QAM_Ratio



Date: 27.AUG.2020 21:23:35

B41_CH41540_10M_1RB24_64-QAM_Ratio



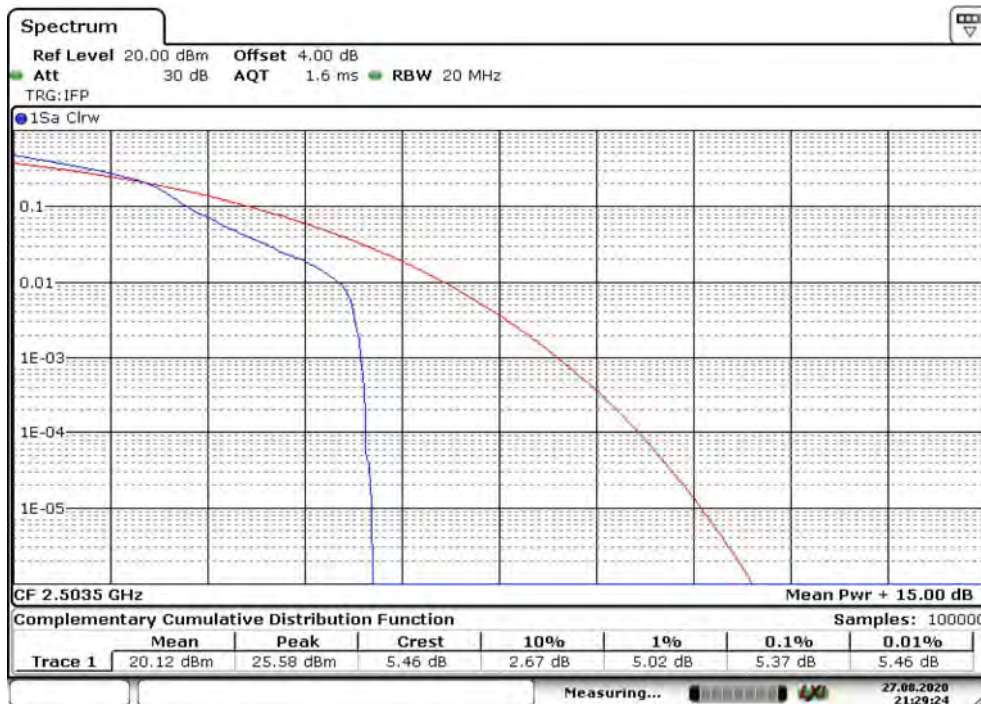
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B41_CH39725_15M_1RB37_QPSK_Ratio



Date: 27.AUG.2020 21:29:40

B41_CH39725_15M_1RB37_16-QAM_Ratio



Date: 27.AUG.2020 21:29:24

B41_CH39725_15M_1RB37_64-QAM_Ratio



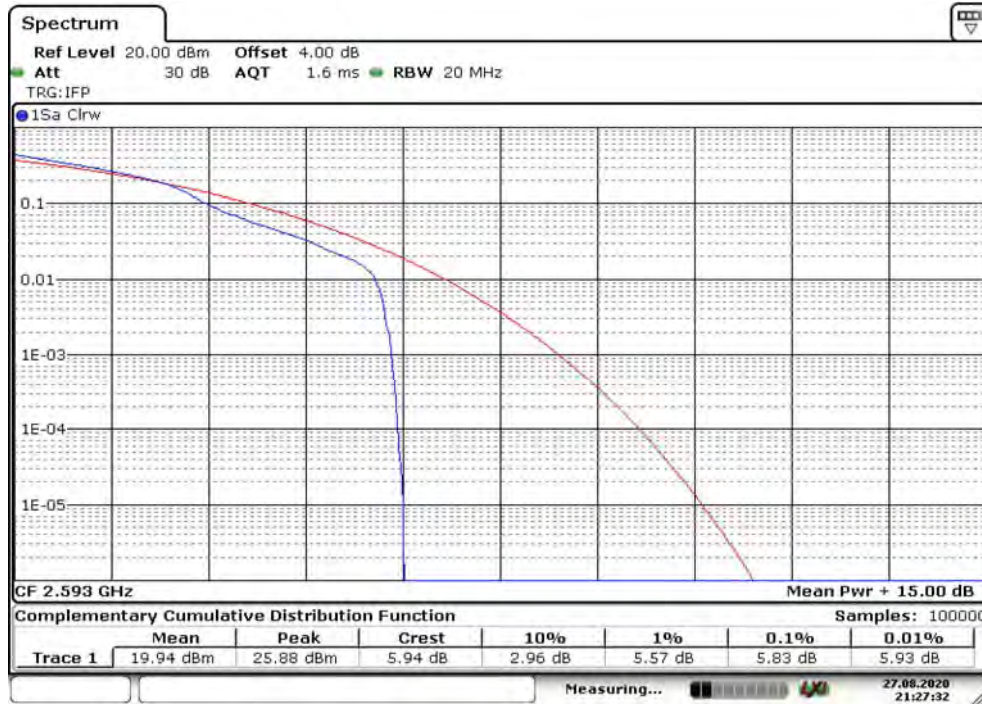
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B41_CH40620_15M_1RB37_QPSK_Ratio



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B41_CH40620_15M_1RB37_16-QAM_Ratio



Date: 27.AUG.2020 21:27:32

B41_CH40620_15M_1RB37_64-QAM_Ratio



Date: 1.SEP.2020 10:55:53

B41_CH41515_15M_1RB37_QPSK_Ratio



Date: 27.AUG.2020 21:33:38

B41_CH41515_15M_1RB37_16-QAM_Ratio



Date: 27.AUG.2020 21:33:50

B41_CH41515_15M_1RB37_64-QAM_Ratio



Date: 1.SEP.2020 11:04:57

B41_CH39750_20M_1RB49_QPSK_Ratio



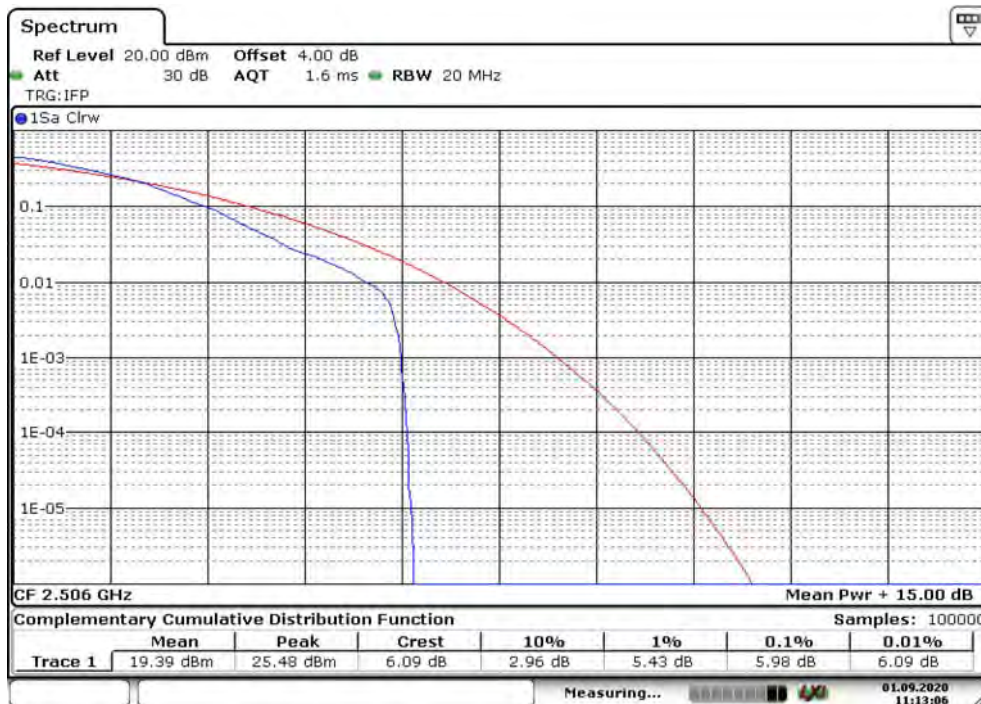
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B41_CH39750_20M_1RB49_16-QAM_Ratio



Date: 27.AUG.2020 21:35:29

B41_CH39750_20M_1RB49_64-QAM_Ratio



Date: 1.SEP.2020 11:13:07

B41_CH40620_20M_1RB49_QPSK_Ratio



Date: 27.AUG.2020 21:34:43

B41_CH40620_20M_1RB49_16-QAM_Ratio



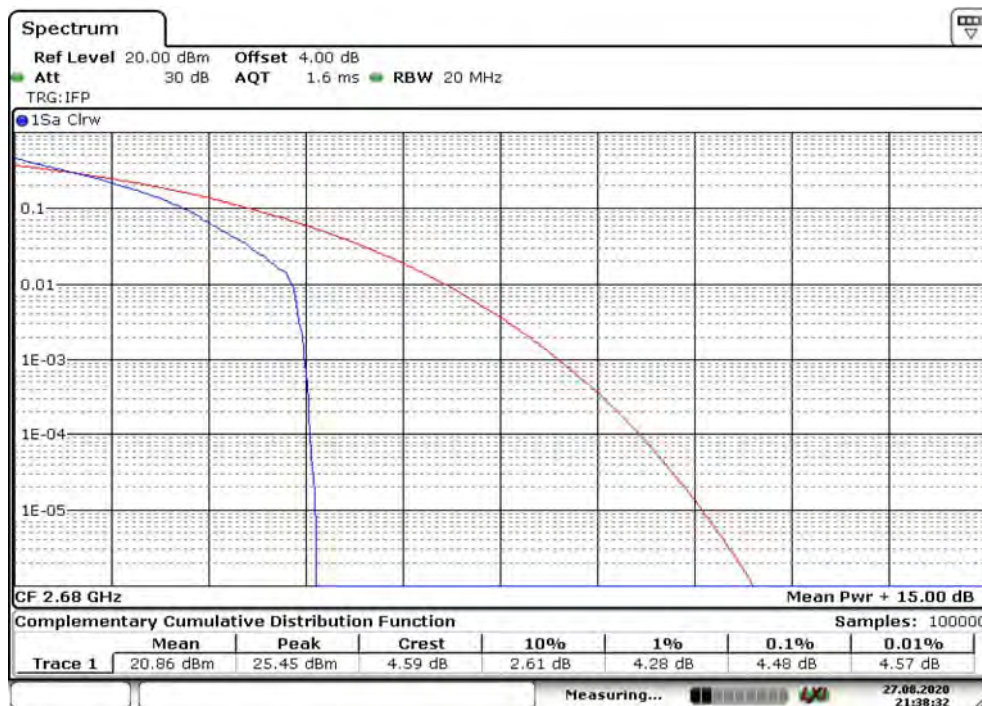
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B41_CH40620_20M_1RB49_64-QAM_Ratio



Date: 1.SEP.2020 11:06:21

B41_CH41490_20M_1RB49_QPSK_Ratio



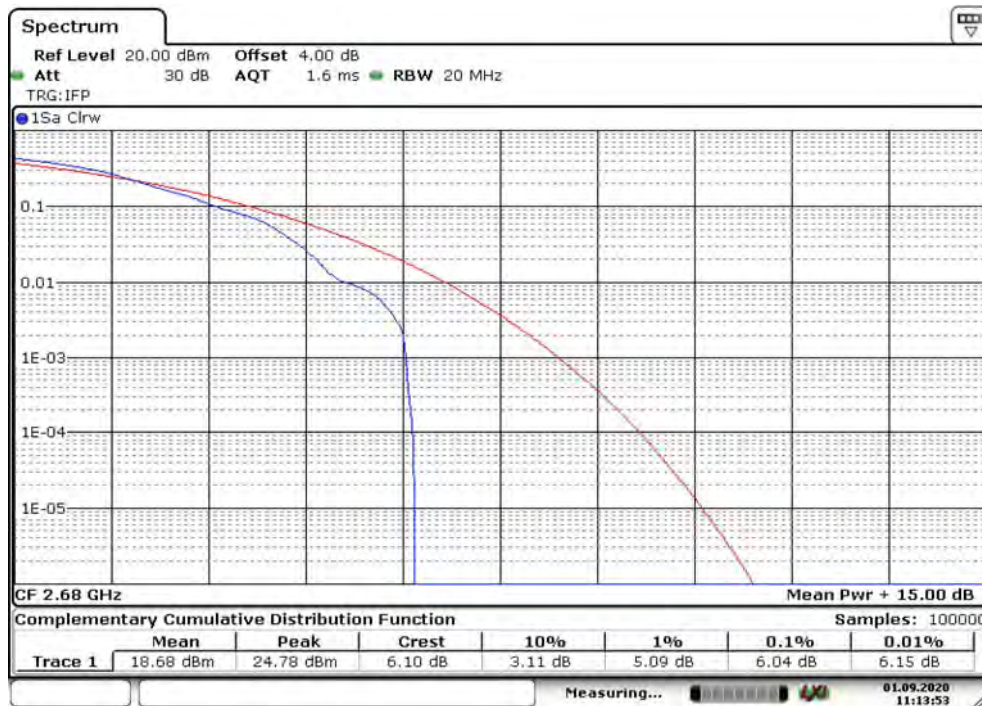
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B41_CH41490_20M_1RB49_16-QAM_Ratio



Date: 27.AUG.2020 21:39:43

B41_CH41490_20M_1RB49_64-QAM_Ratio



Date: 1.SEP.2020 11:13:53

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 9: LTE Band 41 (ISED)		
Date of Test	2020/08/28	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
5M	39675	2498.5	QPSK	25.53	21.02	4.43
			16-QAM	25.71	20.15	5.54
			64-QAM	25.59	19.43	6.11
10M	39700	2501	QPSK	25.67	21.05	4.57
			16-QAM	25.46	20.20	5.20
			64-QAM	25.58	19.45	6.02
15M	39725	2503.5	QPSK	25.37	20.97	4.41
			16-QAM	25.32	19.95	5.33
			64-QAM	24.55	18.68	5.83
20M	39750	2506	QPSK	25.47	20.98	4.35
			16-QAM	25.32	19.97	5.26
			64-QAM	25.37	19.37	5.89

B41_CH39715_5M_1RB12_QPSK_Ratio



Date: 2.SEP.2020 03:49:59

B41_CH39715_5M_1RB12_16-QAM_Ratio



Date: 2.SEP.2020 03:49:44

B41_CH39715_5M_1RB12_64-QAM_Ratio



Date: 2.SEP.2020 03:49:08

B41_CH39740_10M_1RB24_QPSK_Ratio



Date: 2.SEP.2020 03:46:04

B41_CH39740_10M_1RB24_16-QAM_Ratio



Date: 2 SEP. 2020 03:46:48

B41_CH39740_10M_1RB24_64-QAM_Ratio



Date: 2 SEP. 2020 03:47:26

B41_CH39765_15M_1RB37_QPSK_Ratio



Date: 2.SEP.2020 03:41:23

B41_CH39765_15M_1RB37_16-QAM_Ratio



Date: 2.SEP.2020 03:41:03

B41_CH39765_15M_1RB37_64-QAM_Ratio



Date: 2.SEP.2020 03:40:21

B41_CH39790_20M_1RB49_QPSK_Ratio



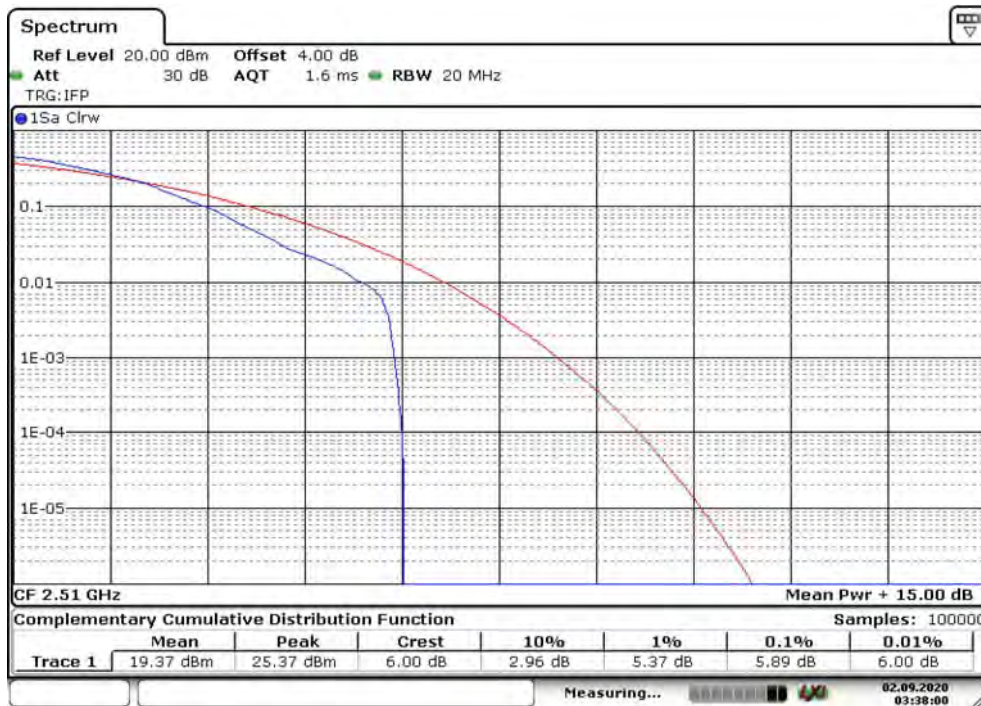
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B41_CH39790_20M_1RB49_16-QAM_Ratio



Date: 2.SEP.2020 03:37:02

B41_CH39790_20M_1RB49_64-QAM_Ratio



Date: 2.SEP.2020 03:38:00

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 10: LTE Band 71		
Date of Test	2020/08/28	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
5M	133147	665.5	QPSK	27.15	22.49	4.63
			16-QAM	27.18	22.17	5.02
			64-QAM	27.17	20.76	6.39
	133297	680.5	QPSK	26.96	22.24	4.72
			16-QAM	27.09	21.75	5.24
			64-QAM	26.91	20.24	6.59
	133447	695.5	QPSK	26.97	22.23	4.72
			16-QAM	27.12	21.76	5.26
			64-QAM	26.87	20.17	6.63
10M	133172	668	QPSK	26.58	22.40	4.13
			16-QAM	26.58	21.49	5.07
			64-QAM	26.68	20.68	5.91
	133297	680.5	QPSK	27.02	22.26	4.70
			16-QAM	27.15	22.04	5.02
			64-QAM	27.09	20.44	6.50
	133422	693	QPSK	27.11	22.31	4.76
			16-QAM	27.17	22.03	5.09
			64-QAM	27.09	20.54	6.48
15M	133197	670.5	QPSK	26.38	22.36	4.02
			16-QAM	26.46	22.08	4.39
			64-QAM	26.49	20.80	5.67
	133297	680.5	QPSK	27.10	22.40	4.67
			16-QAM	27.11	21.58	5.52
			64-QAM	26.98	20.48	6.46
	133397	690.5	QPSK	26.97	22.31	4.63
			16-QAM	27.03	22.04	4.98
			64-QAM	26.96	20.55	6.37

BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
20M	133222	673	QPSK	26.73	22.34	4.35
			16-QAM	26.72	22.00	4.67
			64-QAM	26.74	20.51	6.11
	133297	680.5	QPSK	27.11	22.35	4.72
			16-QAM	27.17	22.12	5.02
			64-QAM	27.11	20.73	6.30
	133372	688	QPSK	26.75	22.29	4.43
			16-QAM	26.72	21.53	5.17
			64-QAM	26.66	20.36	6.15

B71_CH133147_5M_1RB12_QPSK_Ratio



Date: 31.AUG.2020 18:45:49

B71_CH133147_5M_1RB12_16-QAM_Ratio



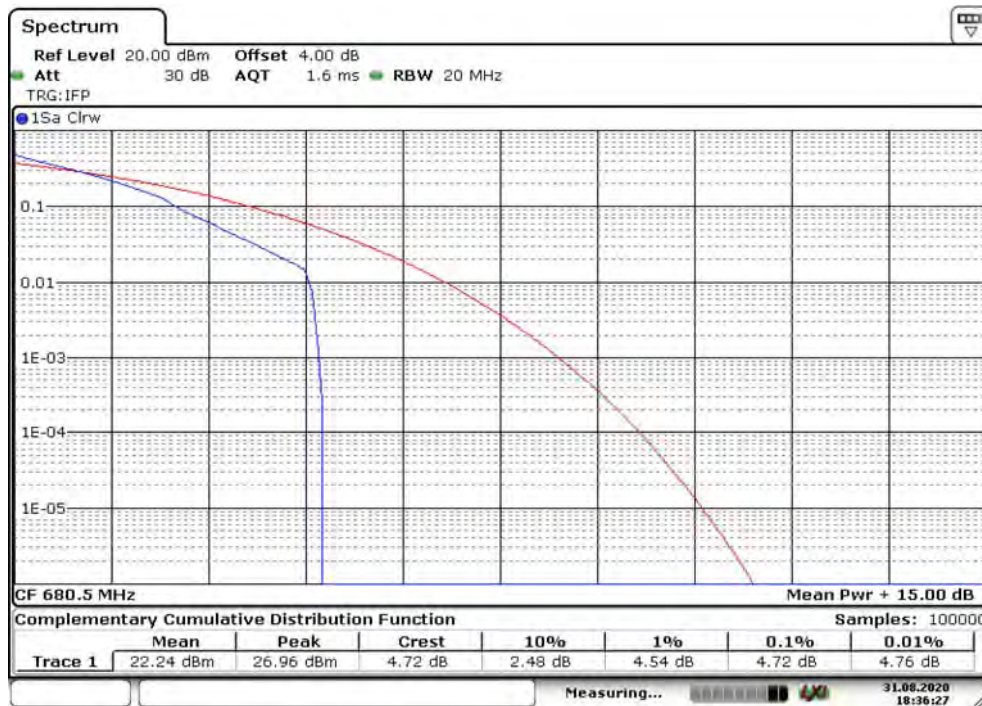
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B71_CH133147_5M_1RB12_64-QAM_Ratio



Date: 31.AUG.2020 18:55:07

B71_CH133297_5M_1RB12_QPSK_Ratio



Date: 31.AUG.2020 18:36:27

B71_CH133297_5M_1RB12_16-QAM_Ratio



Date: 31.AUG.2020 18:34:28

B71_CH133297_5M_1RB12_64-QAM_Ratio



Date: 31.AUG.2020 18:31:57

B71_CH133447_5M_1RB12_QPSK_Ratio



Date: 31.AUG.2020 19:05:41

B71_CH133447_5M_1RB12_16-QAM_Ratio



Date: 31.AUG.2020 19:05:05

B71_CH133447_5M_1RB12_64-QAM_Ratio



Date: 31.AUG.2020 19:02:21

B71_CH133172_10M_1RB24_QPSK_Ratio



Date: 31.AUG.2020 19:46:54

B71_CH133172_10M_1RB24_16-QAM_Ratio



Date: 31.AUG.2020 19:34:49

B71_CH133172_10M_1RB24_64-QAM_Ratio



Date: 31.AUG.2020 19:33:06

B71_CH133297_10M_1RB24_QPSK_Ratio



Date: 31.AUG.2020 19:15:46

B71_CH133297_10M_1RB24_16-QAM_Ratio



Date: 31.AUG.2020 19:19:08

B71_CH133297_10M_1RB24_64-QAM_Ratio



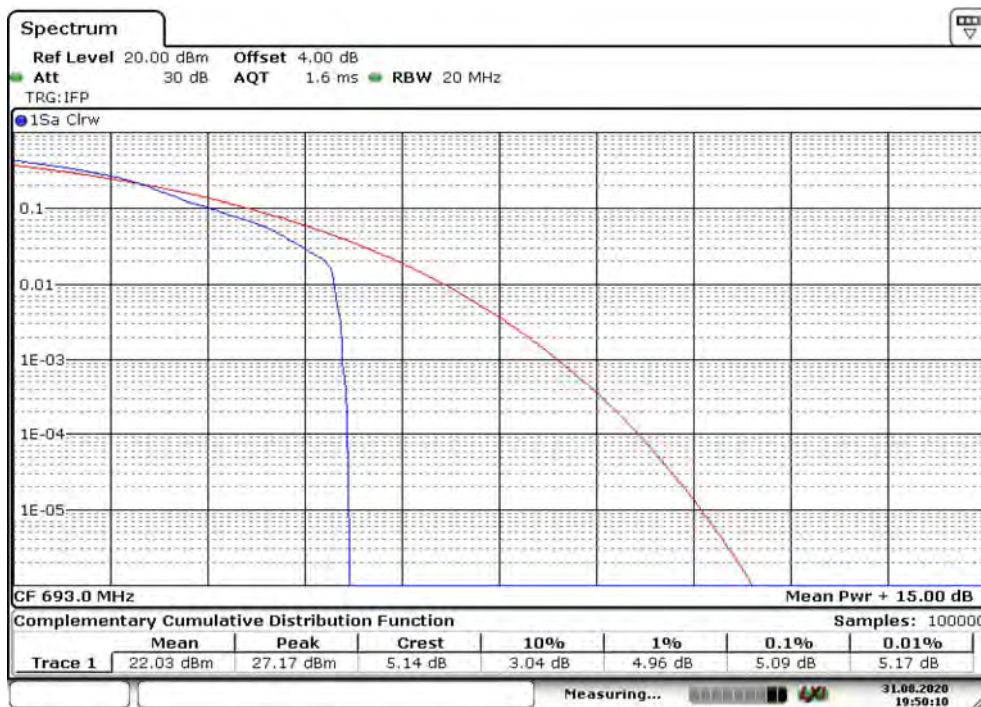
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B71_CH133422_10M_1RB24_QPSK_Ratio



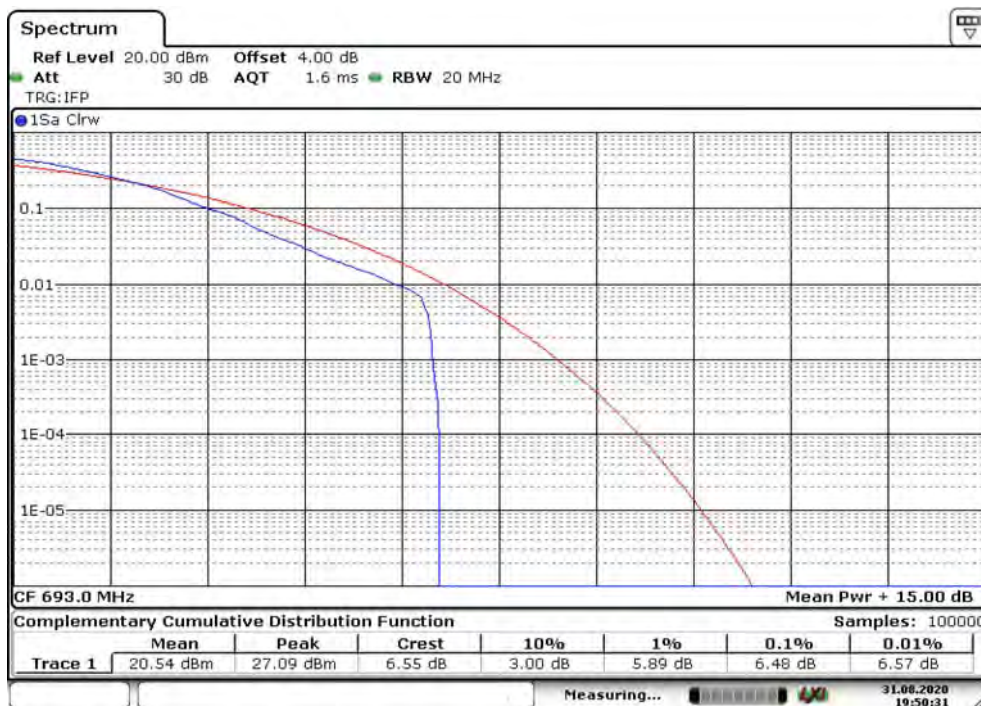
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B71_CH133422_10M_1RB24_16-QAM_Ratio



Date: 31.AUG.2020 19:50:10

B71_CH133422_10M_1RB24_64-QAM_Ratio



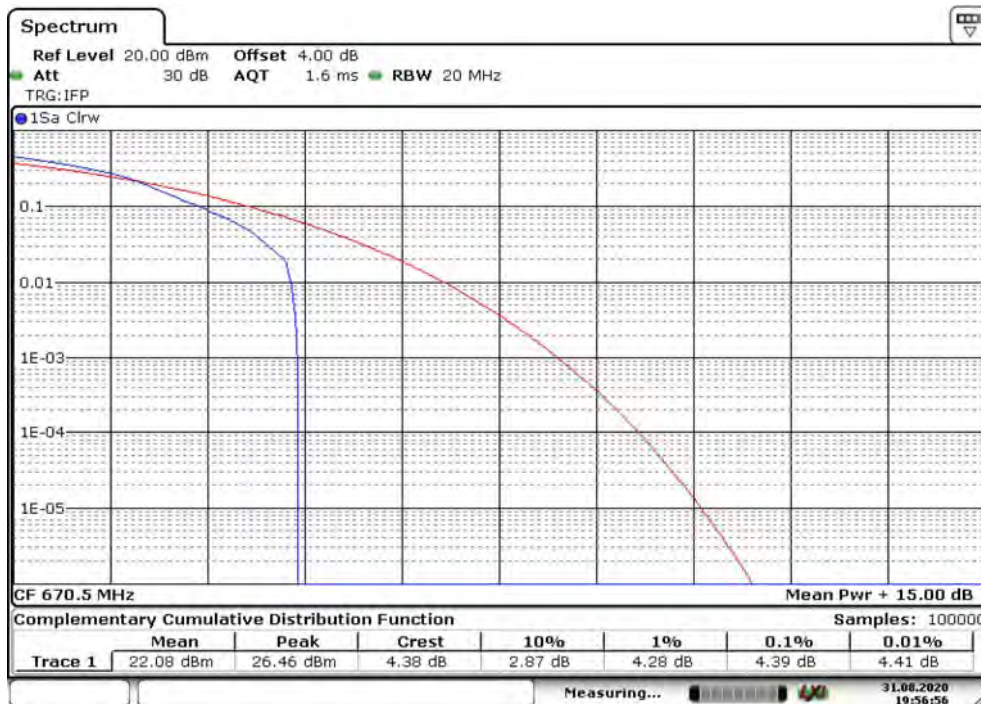
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B71_CH133197_15M_1RB37_QPSK_Ratio



Date: 31.AUG.2020 19:56:36

B71_CH133197_15M_1RB37_16-QAM_Ratio



Date: 31.AUG.2020 19:56:57

B71_CH133197_15M_1RB37_64-QAM_Ratio



Date: 31.AUG.2020 19:58:08

B71_CH133297_15M_1RB37_QPSK_Ratio



Date: 31.AUG.2020 19:55:41

B71_CH133297_15M_1RB37_16-QAM_Ratio



Date: 31.AUG.2020 19:55:12

B71_CH133297_15M_1RB37_64-QAM_Ratio



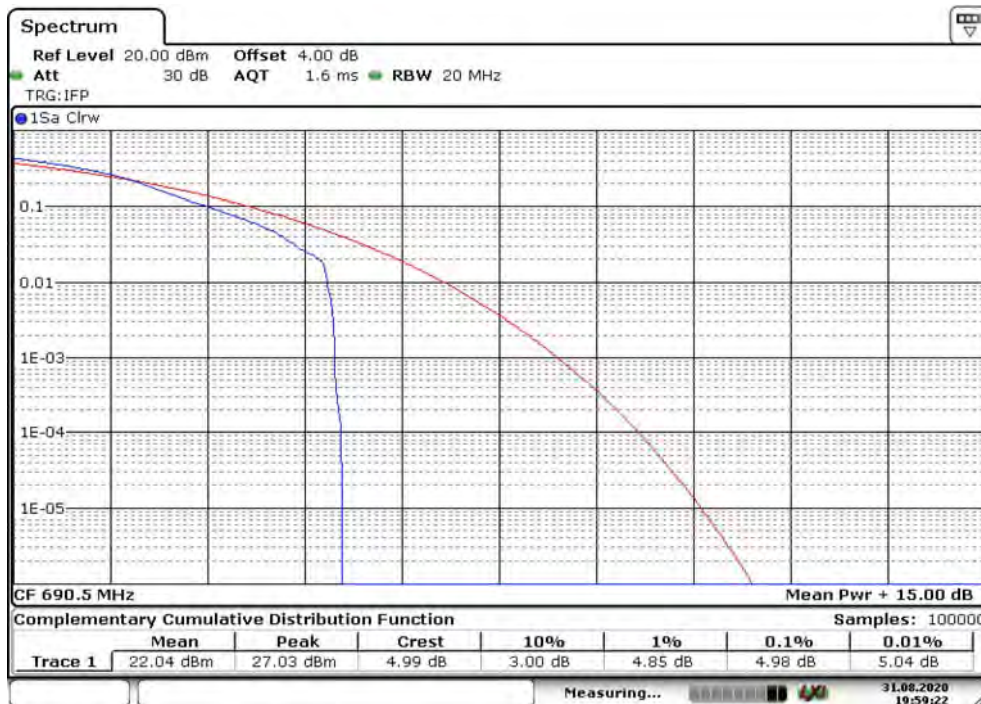
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B71_CH133397_15M_1RB37_QPSK_Ratio



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Date: 31.AUG.2020 19:59:23

B71_CH133397_15M_1RB37_64-QAM_Ratio



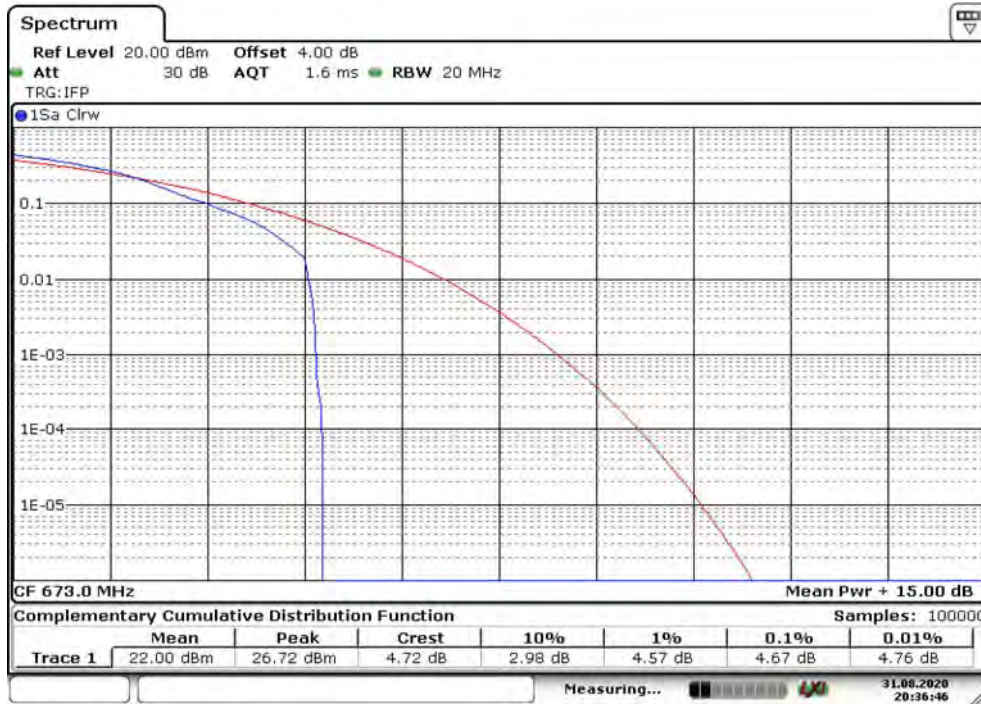
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B71_CH133222_20M_1RB49_64-QAM_Ratio



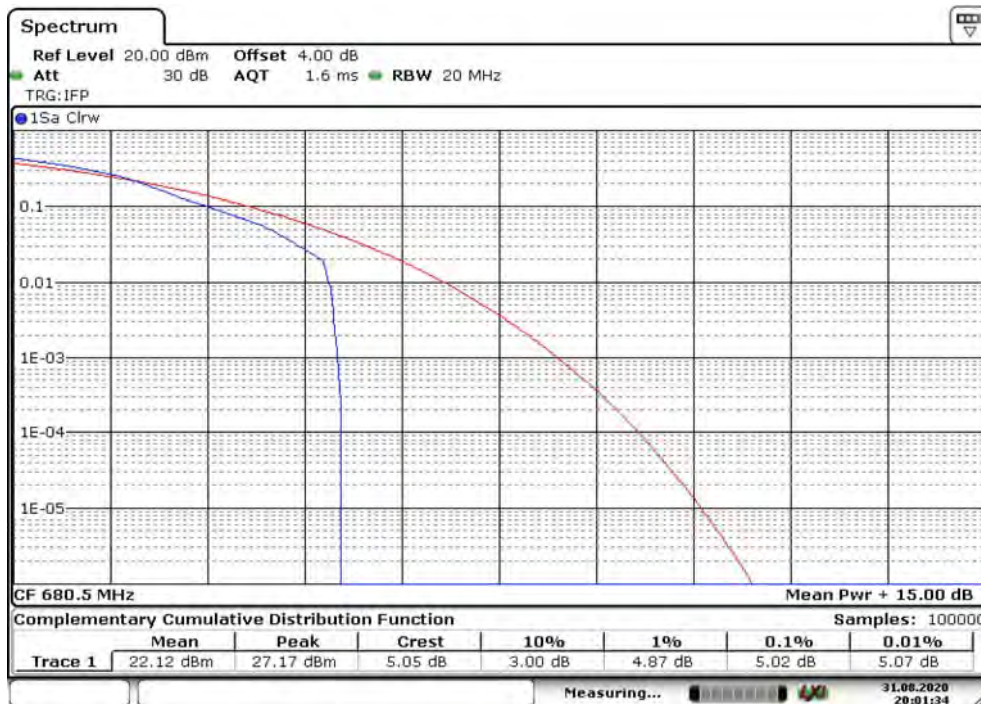
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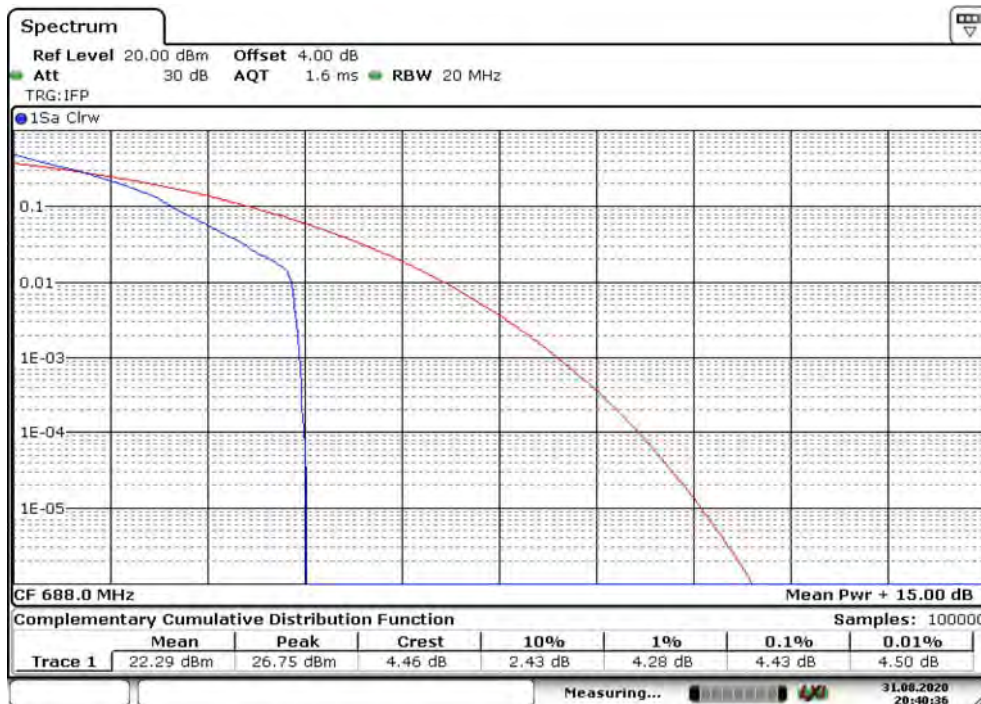
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B71_CH133297_20M_1RB49_64-QAM_Ratio



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B71_CH133372_20M_1RB49_QPSK_Ratio



Date: 31.AUG.2020 20:40:37

B71_CH133372_20M_1RB49_16-QAM_Ratio



Date: 31.AUG.2020 20:54:01

B71_CH133372_20M_1RB49_64-QAM_Ratio



Date: 31.AUG.2020 20:59:25