

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 4: LTE Band 7		
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	20775	2502.5	QPSK	24.10	20.44	3.70
			16-QAM	24.12	20.09	4.07
			64-QAM	24.10	18.64	5.33
	21100	2535	QPSK	24.93	20.57	4.37
			16-QAM	25.20	20.19	4.91
			64-QAM	24.93	18.79	6.15
	21425	2567.5	QPSK	24.11	20.21	3.91
			16-QAM	24.53	19.73	4.70
			64-QAM	24.34	18.30	5.93
10M	20800	2505	QPSK	24.44	20.53	3.87
			16-QAM	24.38	20.07	4.28
			64-QAM	24.30	18.79	5.46
	21100	2535	QPSK	25.02	20.69	4.33
			16-QAM	25.08	20.36	4.74
			64-QAM	25.10	18.76	6.28
	21400	2565	QPSK	24.70	20.53	4.17
			16-QAM	24.29	19.57	4.74
			64-QAM	24.31	18.49	5.83
15M	20825	2507.5	QPSK	24.38	20.49	3.89
			16-QAM	24.37	20.12	4.24
			64-QAM	24.33	18.69	5.61
	21100	2535	QPSK	24.95	20.59	4.37
			16-QAM	25.02	20.24	4.76
			64-QAM	25.02	18.89	6.09
	21375	2562.5	QPSK	24.23	20.25	4.00
			16-QAM	24.27	19.88	4.41
			64-QAM	24.25	18.40	5.89

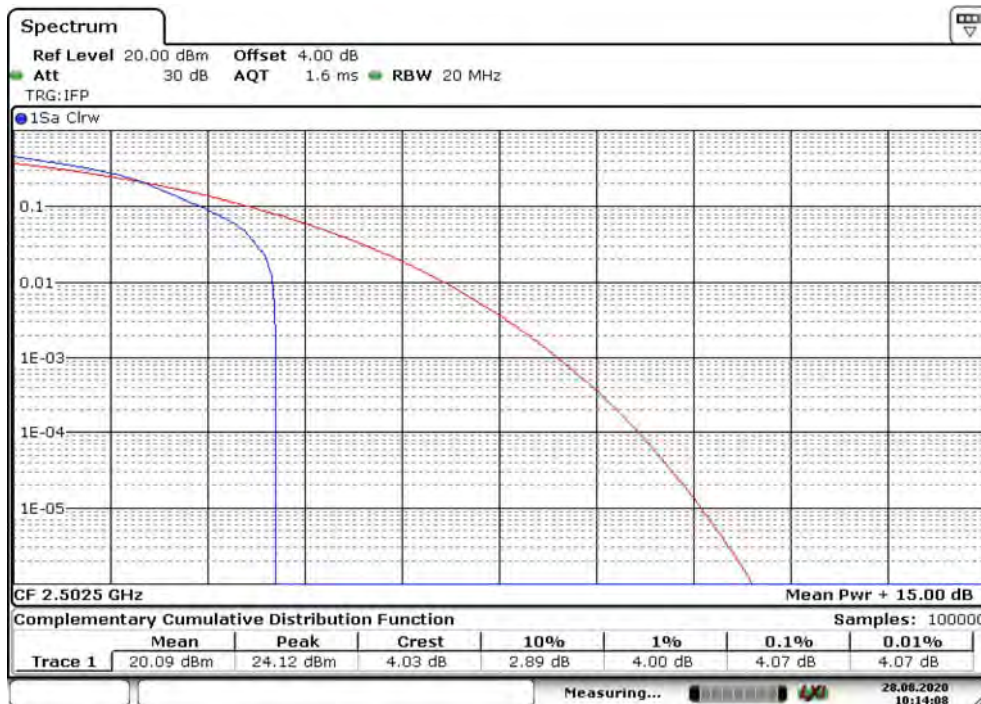
BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
20M	20850	2510	QPSK	24.54	20.35	4.15
			16-QAM	24.49	19.45	5.02
			64-QAM	24.48	18.57	5.85
	21100	2535	QPSK	25.04	20.61	4.39
			16-QAM	25.05	20.27	4.78
			64-QAM	25.16	18.88	6.26
	21350	2560	QPSK	24.28	20.22	4.07
			16-QAM	24.32	19.34	4.98
			64-QAM	24.28	18.09	6.13

B7_CH20775_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 10:14:38

B7_CH20775_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 10:14:09

B7_CH20775_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 10:13:39

B7_CH21100_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 10:03:30

B7_CH21100_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 10:05:04

B7_CH21100_5M_1RB12_64-QAM_Ratio



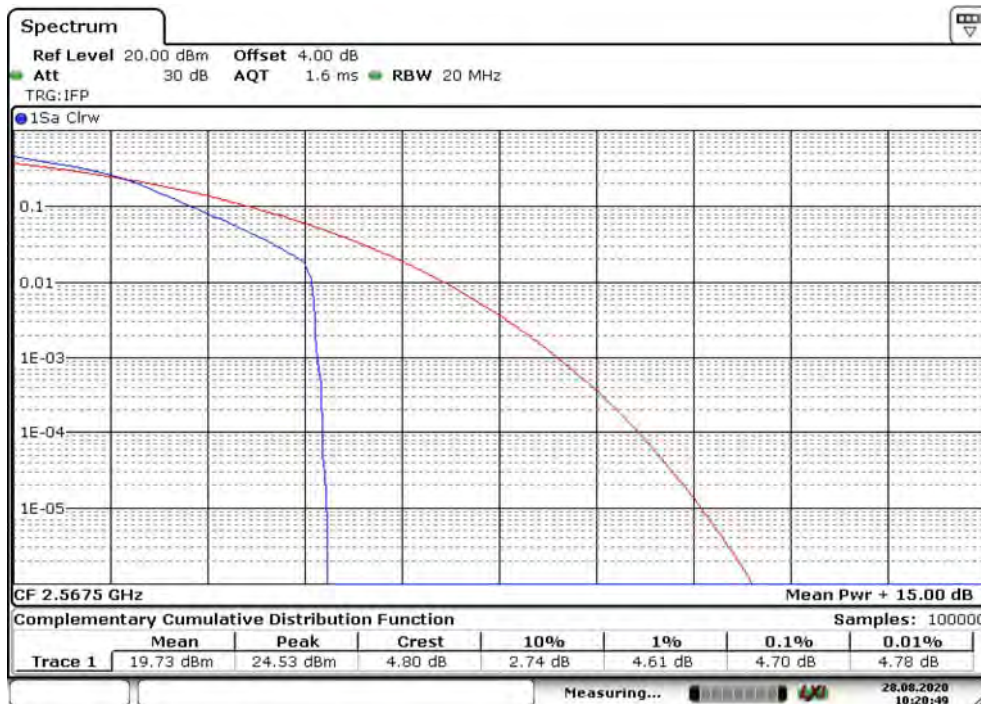
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B7_CH21425_5M_1RB12_QPSK_Ratio



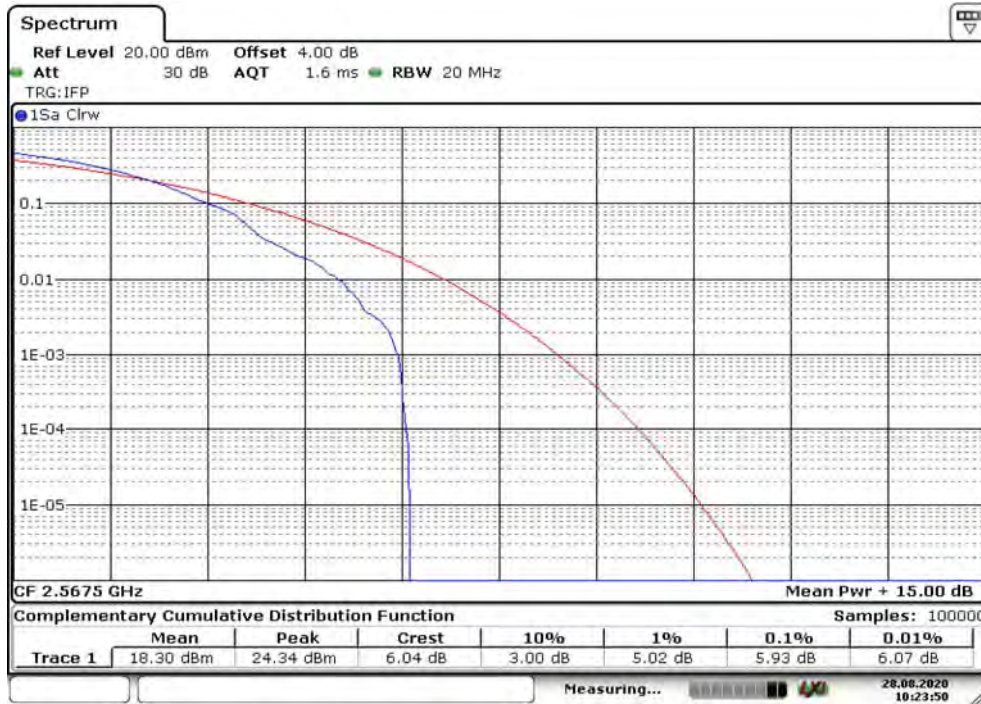
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B7_CH21425_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 10:20:49

B7_CH21425_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 10:23:51

B7_CH20800_10M_1RB24_QPSK_Ratio



Date: 28.AUG.2020 10:51:56

B7_CH20800_10M_1RB24_16-QAM_Ratio



Date: 28.AUG.2020 10:52:15

B7_CH20800_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 10:52:36

B7_CH21100_10M_1RB24_QPSK_Ratio



Date: 28.AUG.2020 10:46:58

B7_CH21100_10M_1RB24_16-QAM_Ratio



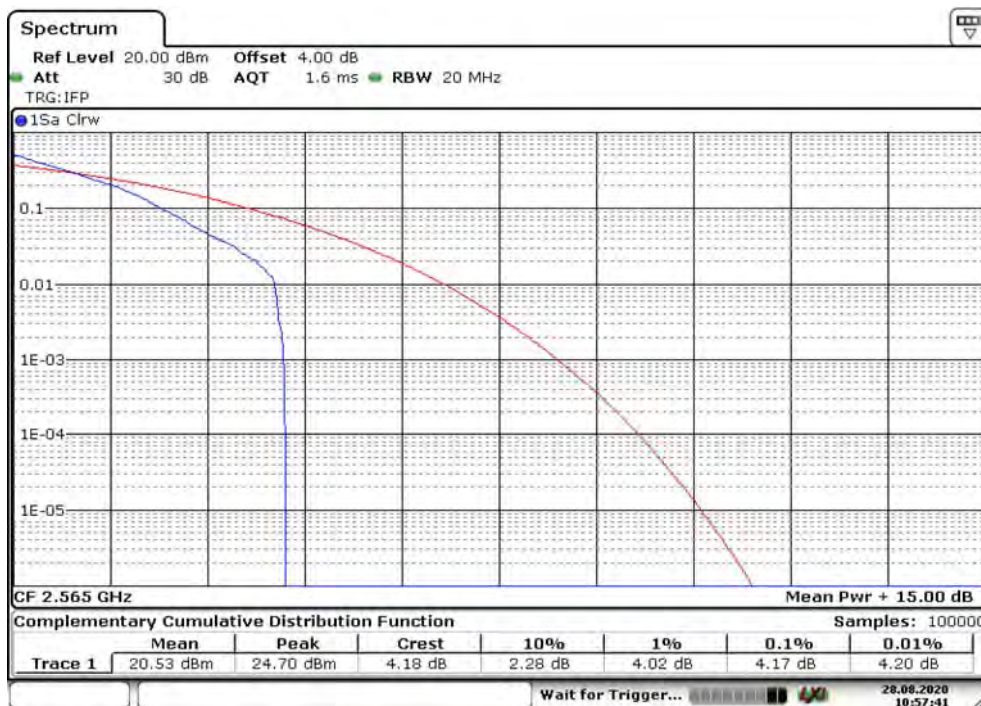
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B7_CH21100_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 10:46:08

B7_CH21400_10M_1RB24_QPSK_Ratio



Date: 28.AUG.2020 10:57:42

B7_CH21400_10M_1RB24_16-QAM_Ratio



Date: 28.AUG.2020 10:56:37

B7_CH21400_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 10:55:12

B7_CH20825_15M_1RB37_QPSK_Ratio



Date: 28.AUG.2020 11:19:29

B7_CH20825_15M_1RB37_16-QAM_Ratio



Date: 28.AUG.2020 11:11:57

B7_CH20825_15M_1RB37_64-QAM_Ratio



Date: 28.AUG.2020 11:08:04

B7_CH21100_15M_1RB37_QPSK_Ratio



Date: 28.AUG.2020 11:02:27

B7_CH21100_15M_1RB37_16-QAM_Ratio



Date: 28.AUG.2020 11:02:50

B7_CH21100_15M_1RB37_64-QAM_Ratio



Date: 28.AUG.2020 11:03:25

B7_CH21375_15M_1RB37_QPSK_Ratio



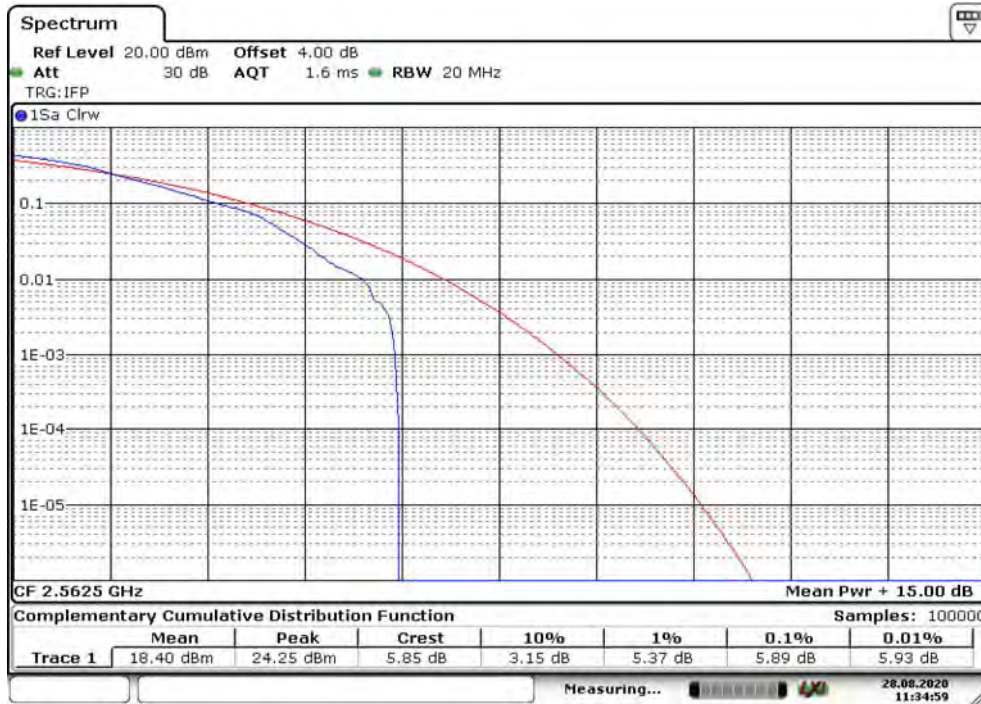
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B7_CH21375_15M_1RB37_16-QAM_Ratio



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B7_CH21375_15M_1RB37_64-QAM_Ratio



Date: 28.AUG.2020 11:35:00

B7_CH20850_20M_1RB49_QPSK_Ratio



Date: 28.AUG.2020 11:59:53

B7_CH20850_20M_1RB49_16-QAM_Ratio



Date: 28.AUG.2020 12:00:17

B7_CH20850_20M_1RB49_64-QAM_Ratio



Date: 28.AUG.2020 12:00:33

B7_CH21100_20M_1RB49_QPSK_Ratio



Date: 28.AUG.2020 11:56:36

B7_CH21100_20M_1RB49_16-QAM_Ratio



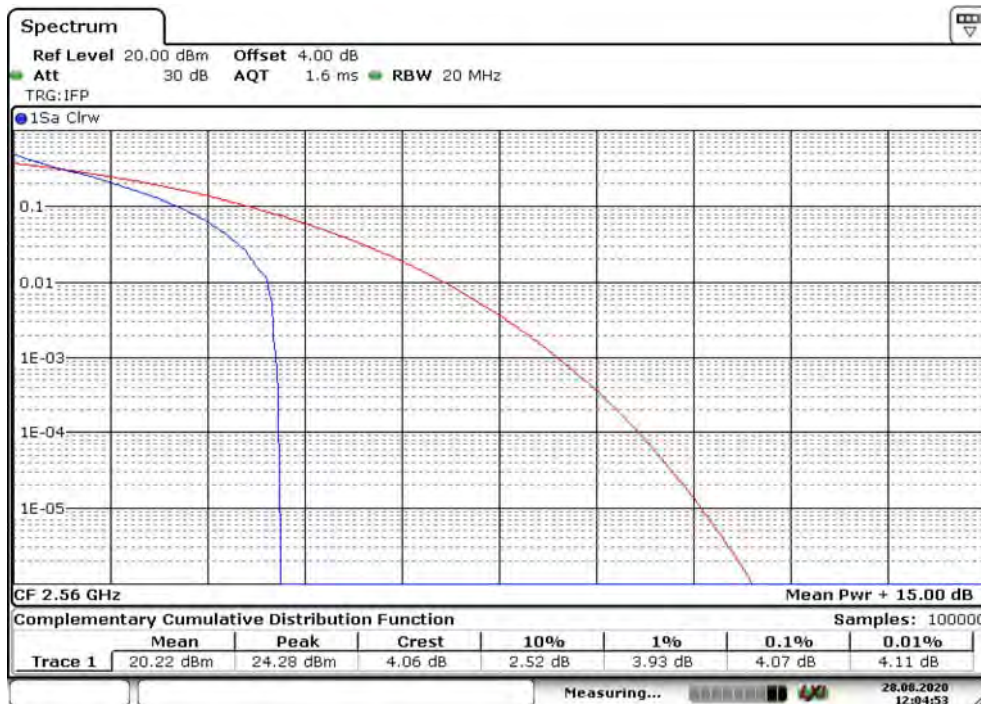
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Date: 28.AUG.2020 11:55:38

B7_CH21350_20M_1RB49_QPSK_Ratio



Date: 28.AUG.2020 12:04:54

B7_CH21350_20M_1RB49_16-QAM_Ratio



Date: 28.AUG.2020 12:03:28

B7_CH21350_20M_1RB49_64-QAM_Ratio



Date: 28.AUG.2020 12:03:08

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 5: LTE Band 12		
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	23017	699.7	QPSK	27.42	22.65	4.67
			16-QAM	27.36	22.29	5.02
			64-QAM	27.27	20.66	6.50
	23097	707.5	QPSK	26.45	22.37	4.07
			16-QAM	26.50	21.81	4.61
			64-QAM	26.41	20.66	5.72
	23173	715.3	QPSK	27.33	22.87	4.37
			16-QAM	27.30	22.43	4.80
			64-QAM	27.30	21.06	6.22
3M	23025	700.5	QPSK	27.27	22.51	4.74
			16-QAM	27.38	22.25	5.11
			64-QAM	27.40	20.97	6.37
	23095	707.5	QPSK	26.68	22.68	3.98
			16-QAM	26.42	22.10	4.33
			64-QAM	26.43	20.87	5.52
	23165	714.5	QPSK	27.21	22.73	4.43
			16-QAM	27.28	22.36	4.91
			64-QAM	27.39	21.09	6.22
5M	23035	701.5	QPSK	27.12	22.33	4.72
			16-QAM	27.37	22.28	5.09
			64-QAM	27.40	21.03	6.30
	23095	707.5	QPSK	26.16	22.21	3.96
			16-QAM	26.24	21.88	4.37
			64-QAM	26.17	20.50	5.67
	23155	713.5	QPSK	27.25	22.53	4.65
			16-QAM	27.20	21.87	5.24
			64-QAM	27.09	20.61	6.48

BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
10M	23060	704	QPSK	26.76	22.44	4.30
			16-QAM	26.82	21.91	4.87
			64-QAM	26.74	20.49	6.15
	23095	707.5	QPSK	26.15	22.17	3.96
			16-QAM	26.12	21.40	4.70
			64-QAM	26.25	20.31	5.85
	23130	711	QPSK	27.02	22.50	4.46
			16-QAM	27.02	22.15	4.80
			64-QAM	26.94	20.57	6.26

B12_CH23017_1.4M_1RB2_QPSK_Ratio



Date: 28.AUG.2020 14:29:27

B12_CH23017_1.4M_1RB2_16-QAM_Ratio



Date: 28.AUG.2020 14:25:58

B12_CH23017_1.4M_1RB2_64-QAM_Ratio



Date: 28.AUG.2020 14:24:02

B12_CH23095_1.4M_1RB2_QPSK_Ratio



Date: 28.AUG.2020 14:02:39

B12_CH23095_1.4M_1RB2_16-QAM_Ratio



Date: 28.AUG.2020 14:06:46

B12_CH23095_1.4M_1RB2_64-QAM_Ratio



Date: 28.AUG.2020 14:07:35

B12_CH23173_1.4M_1RB2_QPSK_Ratio



Date: 28.AUG.2020 14:33:05

B12_CH23173_1.4M_1RB2_16-QAM_Ratio



Date: 28.AUG.2020 14:33:53

B12_CH23173_1.4M_1RB2_64-QAM_Ratio



Date: 28.AUG.2020 14:34:17

B12_CH23025_3M_1RB7_QPSK_Ratio



Date: 28.AUG.2020 14:49:04

B12_CH23025_3M_1RB7_16-QAM_Ratio



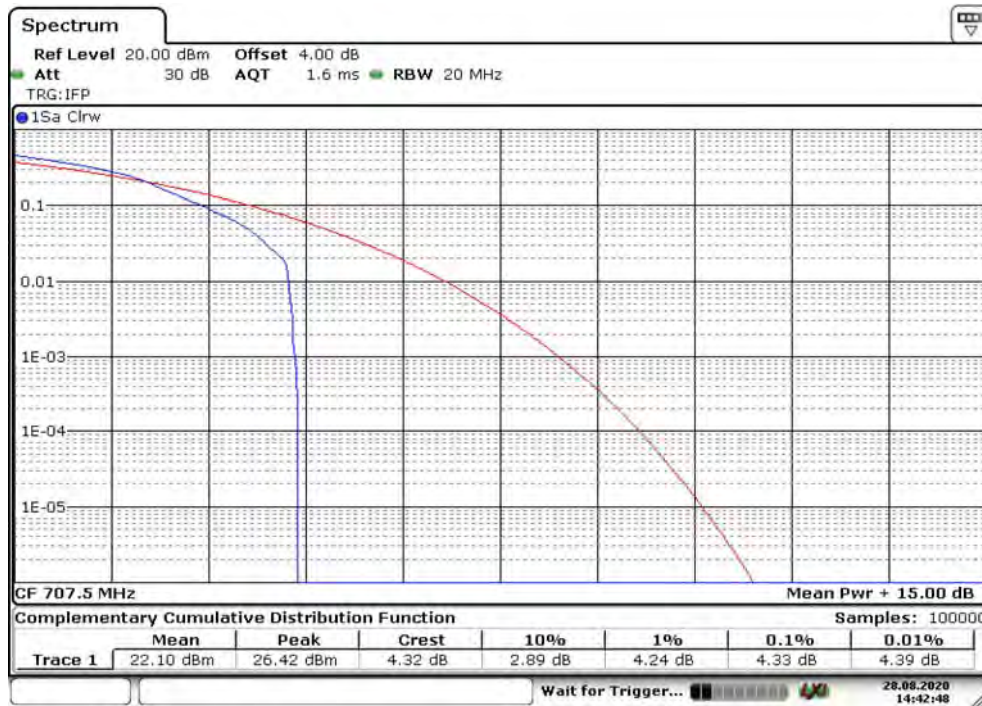
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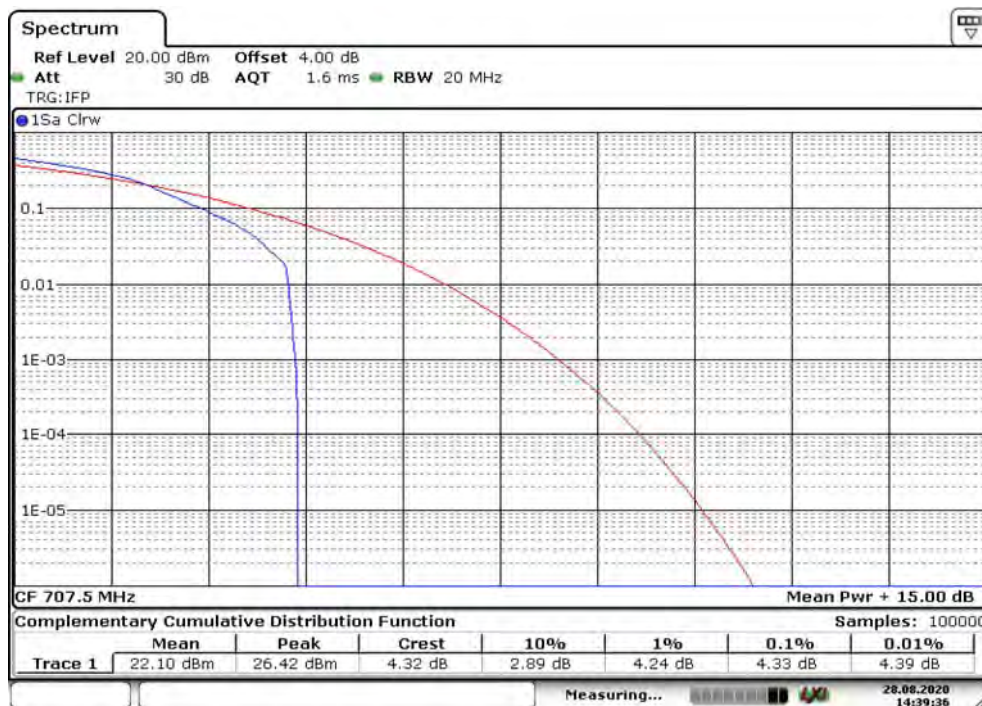
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B12_CH23095_3M_1RB7_QPSK_Ratio



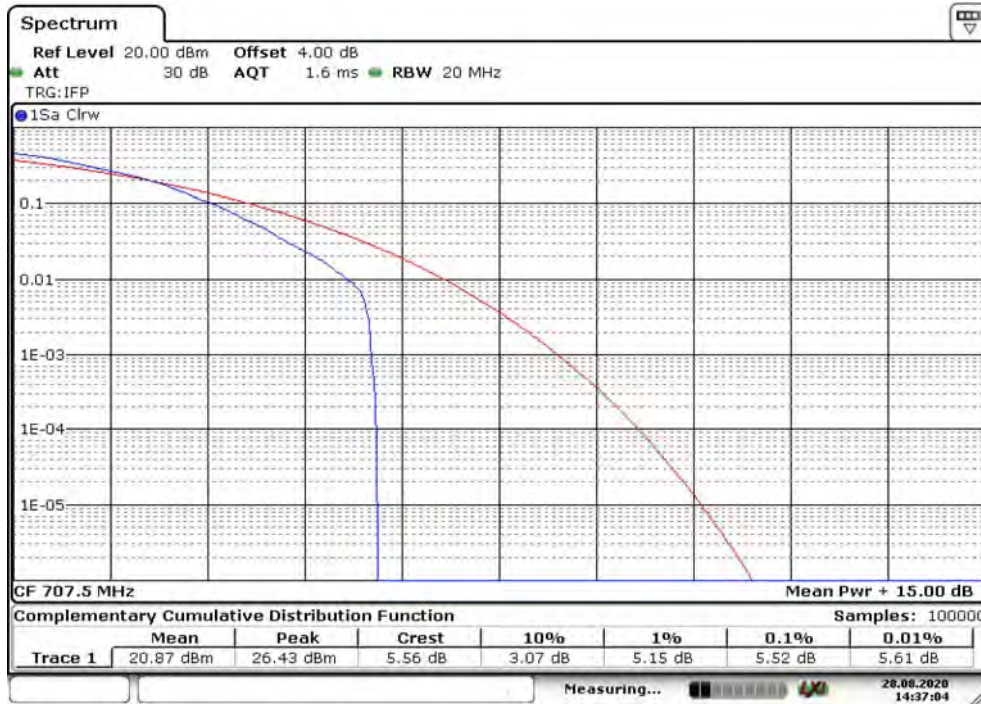
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B12_CH23095_3M_1RB7_16-QAM_Ratio



Date: 28.AUG.2020 14:39:37

B12_CH23095_3M_1RB7_64-QAM_Ratio



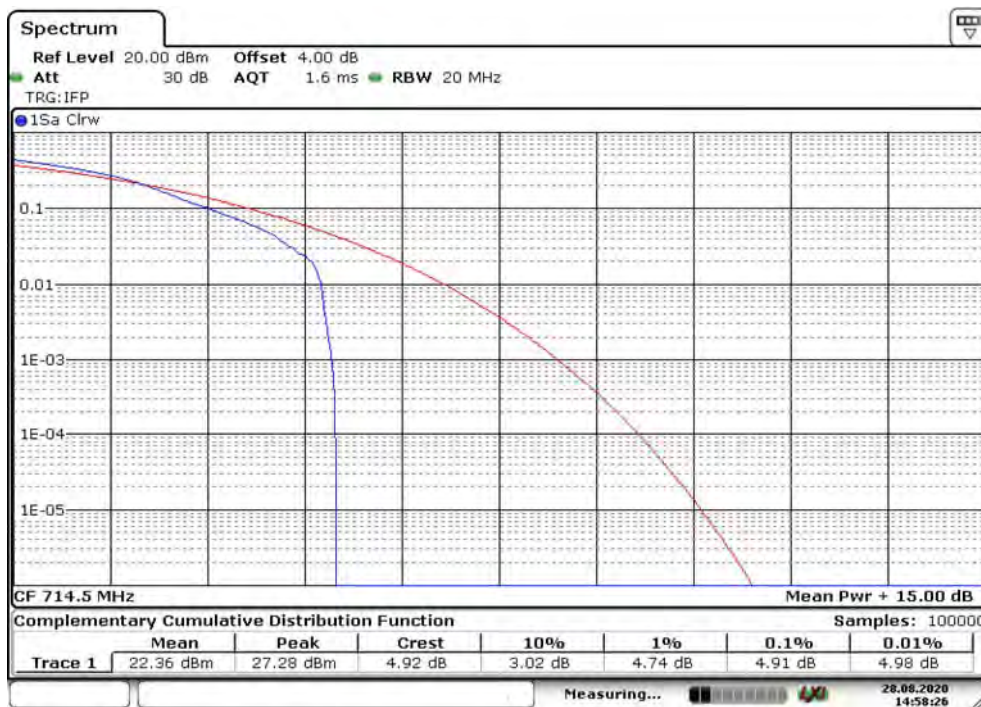
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B12_CH23165_3M_1RB7_QPSK_Ratio



Date: 28.AUG.2020 14:58:57

B12_CH23165_3M_1RB7_16-QAM_Ratio



Date: 28.AUG.2020 14:58:26

B12_CH23165_3M_1RB7_64-QAM_Ratio



Date: 28.AUG.2020 14:57:53

B12_CH23035_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 15:36:04

B12_CH23035_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 15:23:38

B12_CH23035_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 15:20:44

B12_CH23095_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 15:17:02

B12_CH23095_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 15:17:36

B12_CH23095_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 15:18:12

B12_CH23155_5M_1RB12_QPSK_Ratio



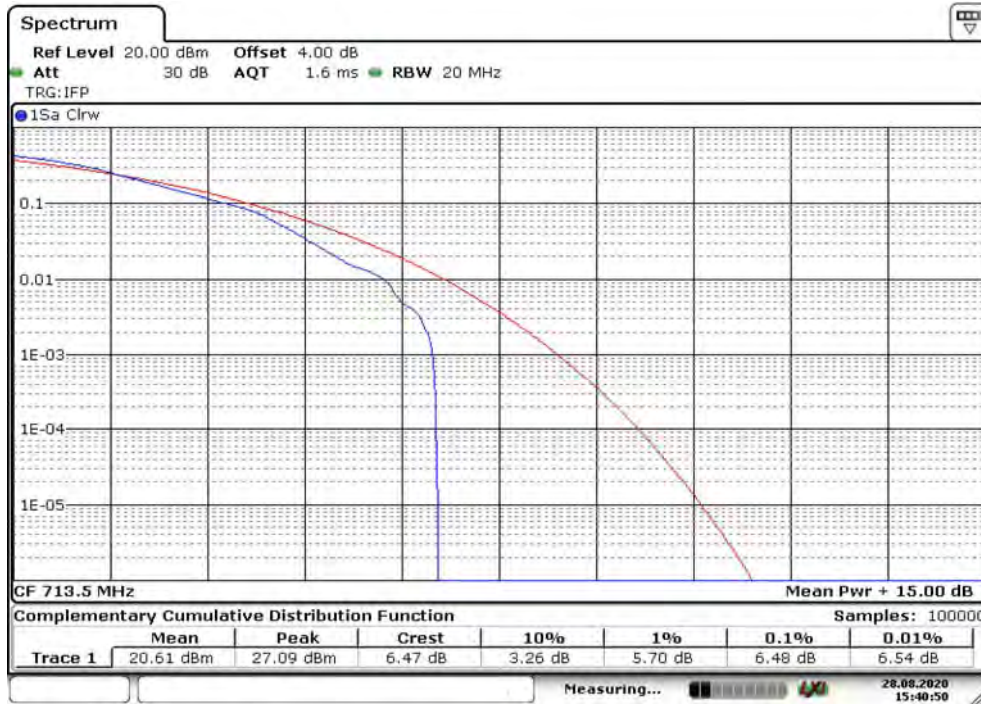
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B12_CH23155_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 15:39:54

B12_CH23155_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 15:40:50

B12_CH23060_10M_1RB24_QPSK_Ratio



Date: 28.AUG.2020 16:16:22

B12_CH23060_10M_1RB24_16-QAM_Ratio



Date: 28.AUG.2020 16:16:47

B12_CH23060_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 16:17:05

B12_CH23095_10M_1RB24_QPSK_Ratio



Date: 28.AUG.2020 15:56:35

B12_CH23095_10M_1RB24_16-QAM_Ratio



Date: 28.AUG.2020 15:56:16

B12_CH23095_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 15:54:43

B12_CH23130_10M_1RB24_QPSK_Ratio



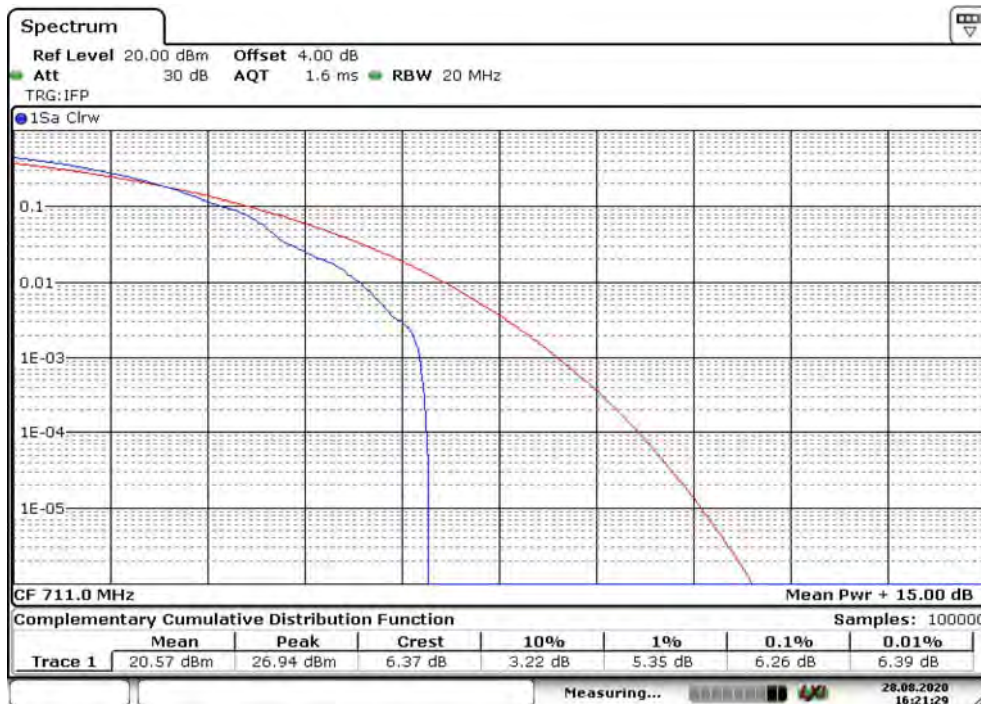
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B12_CH23130_10M_1RB24_16-QAM_Ratio



Date: 28.AUG.2020 16:23:57

B12_CH23130_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 16:21:29

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 6: LTE Band 13		
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	23205	779.5	QPSK	26.94	22.44	4.50
			16-QAM	27.15	22.42	4.74
			64-QAM	27.14	20.59	6.50
	23230	782	QPSK	27.38	22.47	4.91
			16-QAM	27.55	22.20	5.33
			64-QAM	27.58	20.78	6.76
	23255	784.5	QPSK	27.20	22.39	4.80
			16-QAM	27.37	22.27	5.09
			64-QAM	27.32	20.75	6.54
10M	23230	782	QPSK	27.44	22.52	4.89
			16-QAM	27.60	22.40	5.20
			64-QAM	27.59	20.47	7.02

B13_CH23205_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 16:52:00

B13_CH23205_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 16:51:28

B13_CH23205_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 16:50:55

B13_CH23230_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 16:36:28

B13_CH23230_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 16:37:14

B13_CH23230_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 16:37:48

B13_CH23255_5M__1RB12_QPSK_Ratio



Date: 28.AUG.2020 17:00:20

B13_CH23255_5M__1RB12_16-QAM_Ratio



Date: 28.AUG.2020 17:03:09

B13_CH23255_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 17:03:57

B13_CH23230_10M_1RB24_QPSK_Ratio



Date: 28.AUG.2020 17:13:44

B13_CH23230_10M_1RB24_16-QAM_Ratio



Date: 28.AUG.2020 17:13:18

B13_CH23230_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 17:12:50

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 7: LTE Band 14		
Date of Test	2020/08/28	Test Site	SR12-H
Temperature(°C)	24	Humidity (%RH)	60

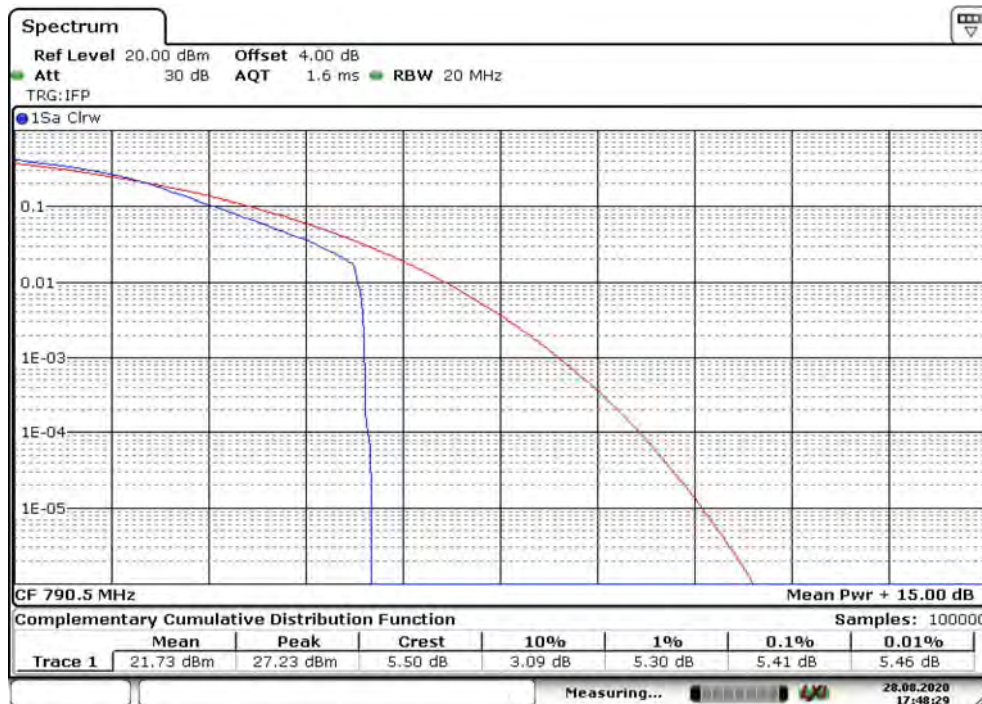
BW	Ch	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
5M	23305	790.5	QPSK	27.20	22.34	4.85
			16-QAM	27.23	21.73	5.41
			64-QAM	27.20	20.47	6.74
	23330	793	QPSK	27.46	22.50	4.93
			16-QAM	27.42	22.09	5.30
			64-QAM	27.44	20.78	6.61
	23355	795.5	QPSK	27.21	22.45	4.70
			16-QAM	27.50	22.35	5.09
			64-QAM	27.50	20.99	6.54
10M	23330	793	QPSK	27.36	22.39	4.93
			16-QAM	27.46	21.54	5.87
			64-QAM	27.35	20.16	7.07

B14_CH23305_5M_1RB12_QPSK_Ratio



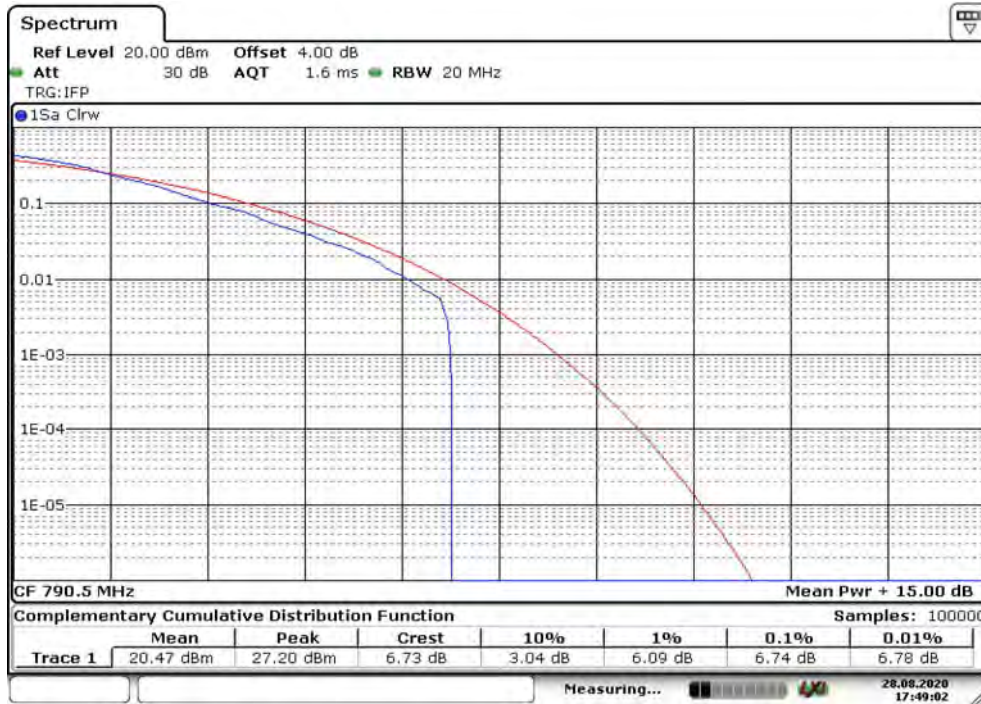
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Date: 28.AUG.2020 17:48:29

B14_CH23305_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 17:49:02

B14_CH23330_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 17:46:43

B14_CH23330_5M_1RB12_16-QAM_Ratio



Date: 28.AUG.2020 17:46:17

B14_CH23330_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 17:45:57

B14_CH23355_5M_1RB12_QPSK_Ratio



Date: 28.AUG.2020 17:50:08

B14_CH23355_5M_1RB12_16-QAM_Ratio



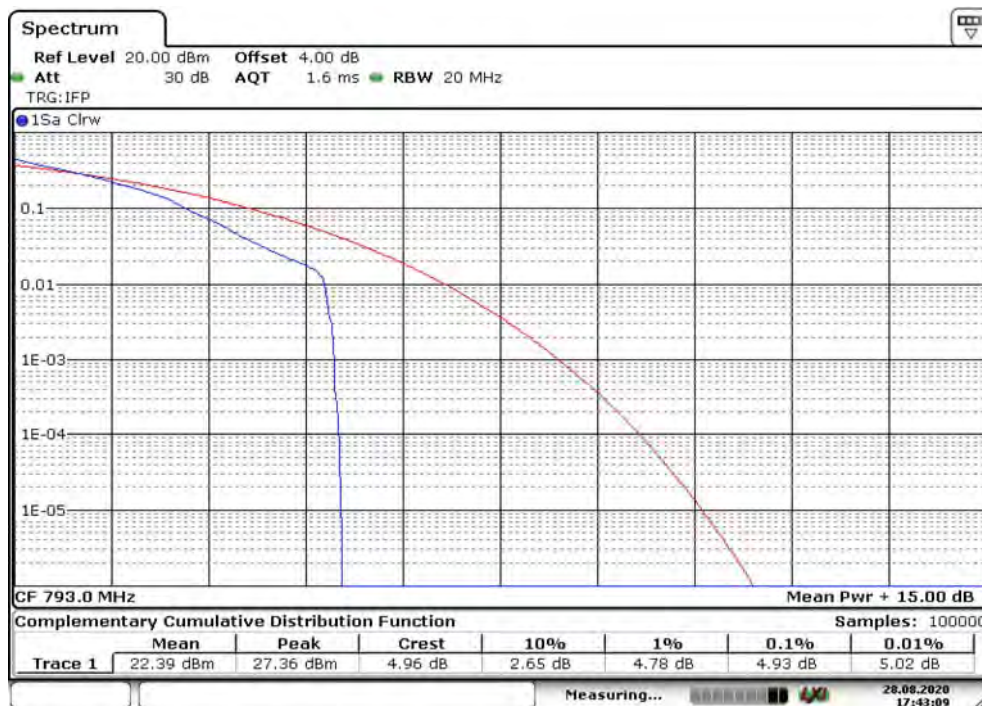
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B14_CH23355_5M_1RB12_64-QAM_Ratio



Date: 28.AUG.2020 17:49:35

B14_CH23330_10M_1RB24_QPSK_Ratio



Date: 28.AUG.2020 17:43:10

B14_CH23330_10M_1RB24_16-QAM_Ratio



Date: 28.AUG.2020 17:44:17

B14_CH23330_10M_1RB24_64-QAM_Ratio



Date: 28.AUG.2020 17:45:15