

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/12/18	Test Site	SR12-H
Temperature (°C)	22.0°C	Humidity (%RH)	59%RH

Band width (MHz)	Channel	Frequency (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	20407	824.7	QPSK	26.67	23.41	3.26
			16-QAM	26.50	22.40	4.09
	20525	836.5	QPSK	25.93	22.84	3.11
			16-QAM	26.40	22.50	3.91
	20643	848.3	QPSK	26.76	23.40	3.30
			16-QAM	26.66	22.43	4.20
3M	20415	825.5	QPSK	26.23	23.08	3.20
			16-QAM	26.54	22.70	3.87
	20525	836.5	QPSK	25.99	22.86	3.17
			16-QAM	26.15	22.24	3.89
	20635	847.5	QPSK	26.14	23.11	3.02
			16-QAM	26.20	22.24	3.98
5M	20425	826.5	QPSK	26.67	23.37	3.20
			16-QAM	26.17	22.40	3.80
	20525	836.5	QPSK	25.87	22.81	3.04
			16-QAM	25.85	22.03	3.83
	20625	846.5	QPSK	25.87	22.96	2.89
			16-QAM	25.86	21.99	3.87
10M	20450	829	QPSK	26.09	23.05	2.98
			16-QAM	26.14	22.69	3.46
	20525	836.5	QPSK	26.21	23.02	3.09
			16-QAM	26.21	22.37	3.85
	20600	844	QPSK	26.09	22.95	3.15
			16-QAM	26.31	22.43	3.89

B5_CH20407_1.4M_1RB2_QPSK



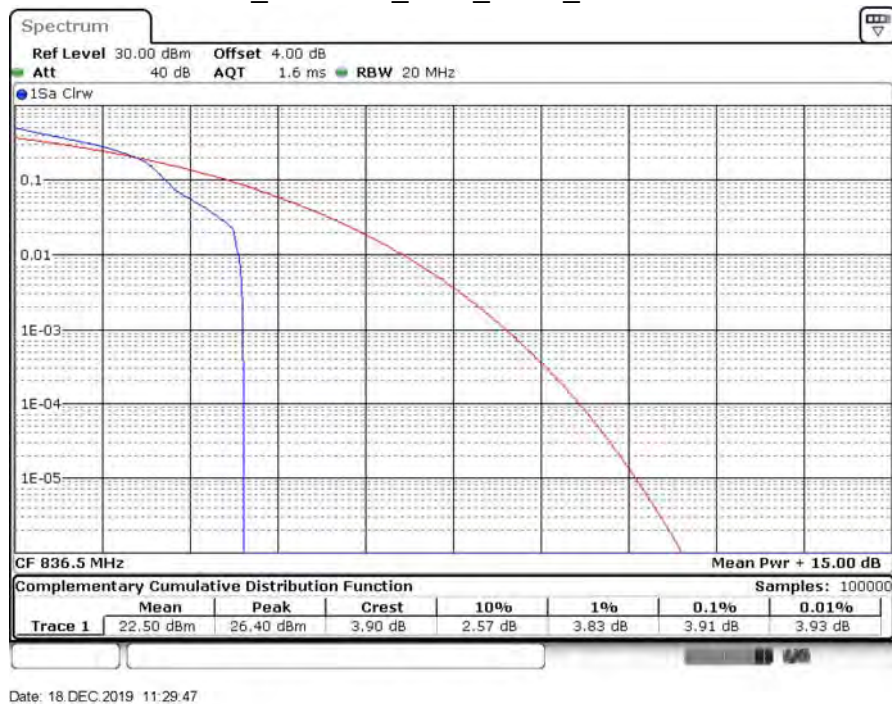
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B5_CH20525_1.4M_1RB2_QPSK



B5_CH20525_1.4M_1RB2_16-QAM



B5_CH20643_1.4M_1RB2_QPSK



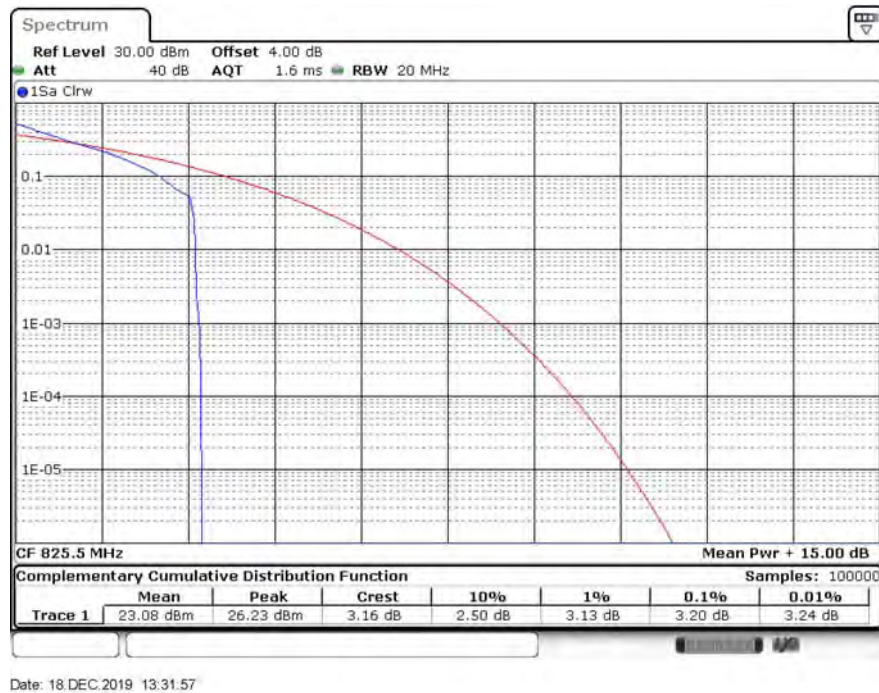
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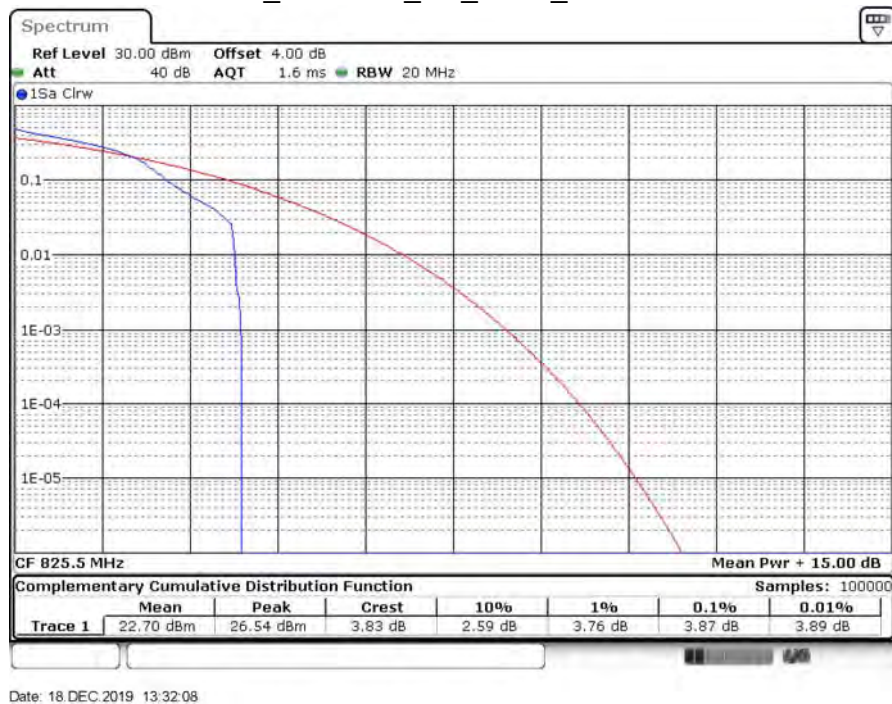


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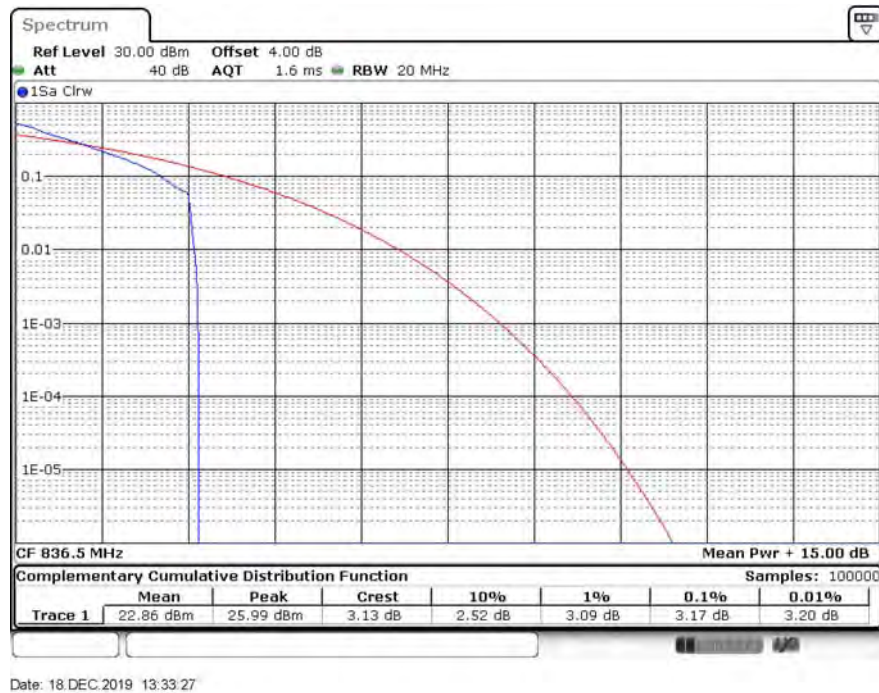
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B5_CH20415_3M_1RB7_16-QAM



B5_CH20525_3M_1RB7_QPSK



B5_CH20525_3M_1RB7_16-QAM



B5_CH20635_3M_1RB7_QPSK



Date: 18 DEC 2019 13:55:18

B5_CH20635_3M_1RB7_16-QAM



Date: 18 DEC 2019 13:55:30

B5_CH20425_5M_1RB12_QPSK



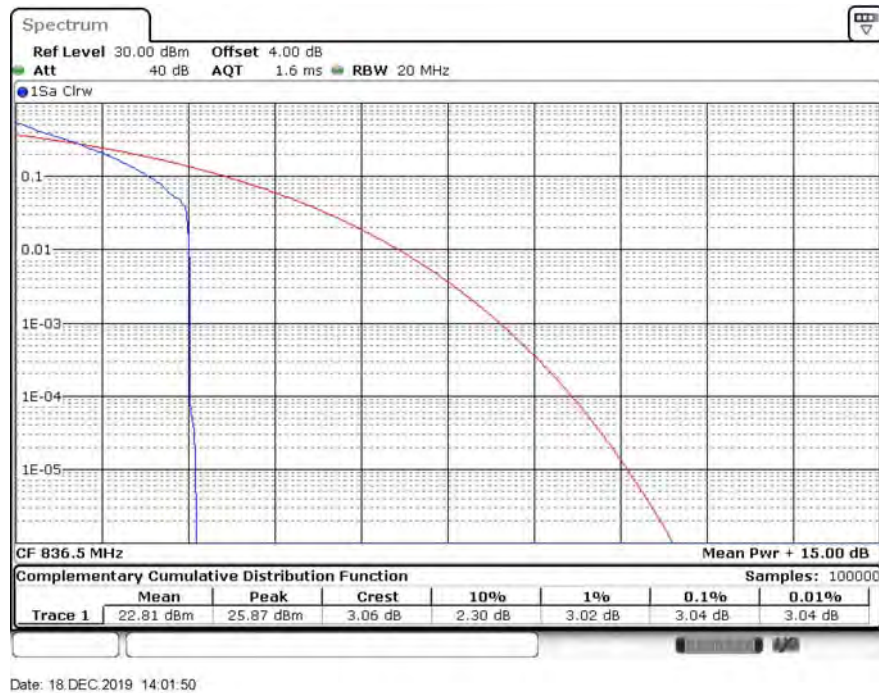
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B5_CH20425_5M_1RB12_16-QAM



Date: 18 DEC 2019 14:03:09

B5_CH20525_5M_1RB12_QPSK



B5_CH20525_5M_1RB12_16-QAM



B5_CH20625_5M_1RB12_QPSK



Date: 18 DEC 2019 13:59:19

B5_CH20625_5M_1RB12_16-QAM



Date: 18 DEC 2019 13:59:54

B5_CH20450_10M_1RB24_QPSK



B5_CH20450_10M_1RB24_16-QAM

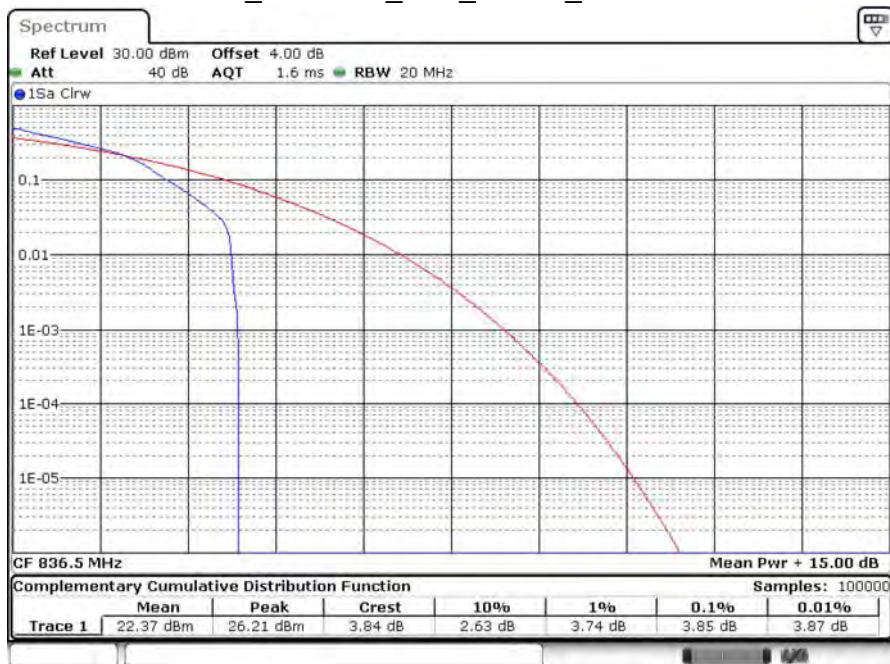


B5_CH20525_10M_1RB24_QPSK



Date: 18 DEC 2019 14:06:24

B5_CH20525_10M_1RB24_16-QAM



Date: 18 DEC 2019 14:06:35

B5_CH20600_10M_1RB24_QPSK



B5_CH20600_10M_1RB24_16-QAM



Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2019/12/18	Test Site	SR12-H
Temperature (°C)	22.0°C	Humidity (%RH)	59%RH

Band width (MHz)	Channel	Frequency (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	23017	699.7	QPSK	26.84	23.08	3.76
			16-QAM	26.70	22.05	4.63
	23097	707.5	QPSK	26.09	22.63	3.48
			16-QAM	26.39	21.83	4.57
	23173	715.3	QPSK	25.60	22.59	3.00
			16-QAM	25.65	21.70	3.93
3M	23025	700.5	QPSK	26.23	22.58	3.70
			16-QAM	25.99	21.38	4.61
	23095	707.5	QPSK	25.81	22.30	3.54
			16-QAM	26.25	21.73	4.50
	23165	714.5	QPSK	25.43	22.44	3.02
			16-QAM	25.48	21.56	3.93
5M	23035	701.5	QPSK	25.86	22.28	3.57
			16-QAM	25.73	21.27	4.43
	23095	707.5	QPSK	25.98	22.43	3.54
			16-QAM	26.01	21.75	4.26
	23155	713.5	QPSK	25.89	22.50	3.46
			16-QAM	25.55	21.20	4.37
10M	23060	704	QPSK	25.98	22.81	3.20
			16-QAM	25.81	21.49	4.33
	23095	707.5	QPSK	26.05	22.44	3.61
			16-QAM	26.45	21.81	4.59
	23130	711	QPSK	26.30	22.54	3.76
			16-QAM	25.92	21.21	4.65

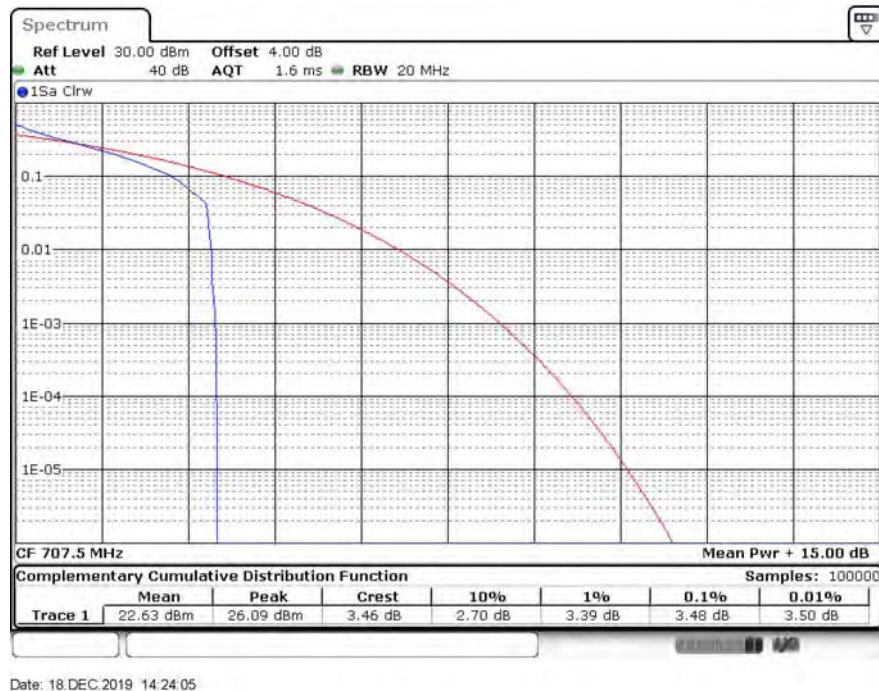
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B12_CH23017_1.4M_1RB2_16-QAM



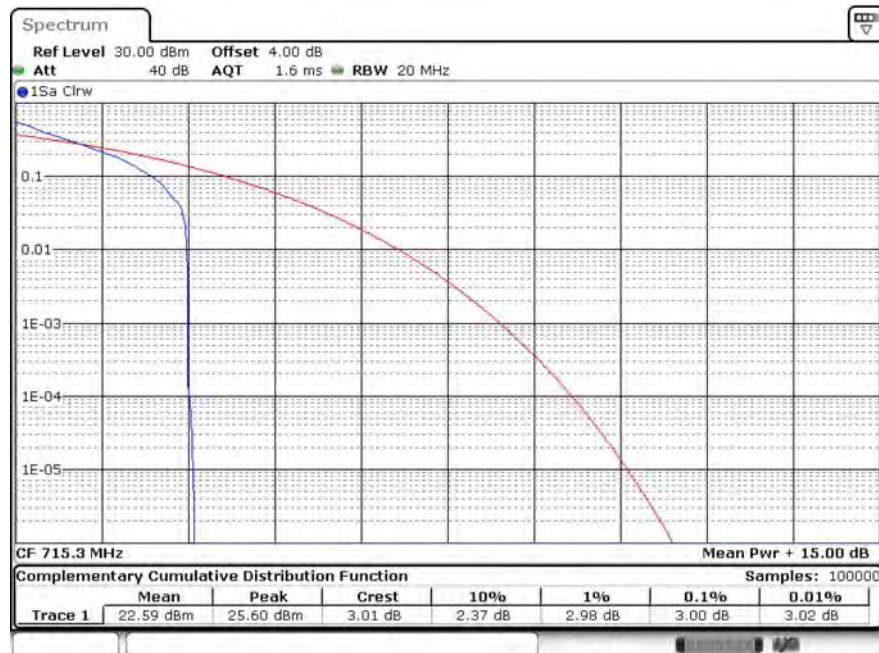
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B12_CH23097_1.4M_1RB2_16-QAM



B12_CH23173_1.4M_1RB2_QPSK



Date: 18 DEC. 2019 14:25:35

B12_CH23173_1.4M_1RB2_16-QAM

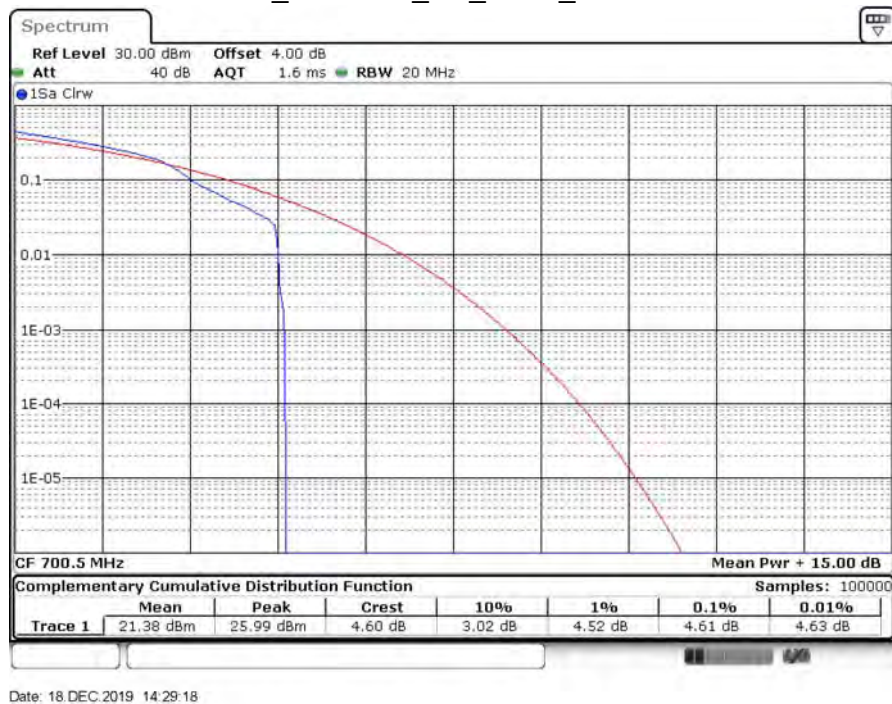


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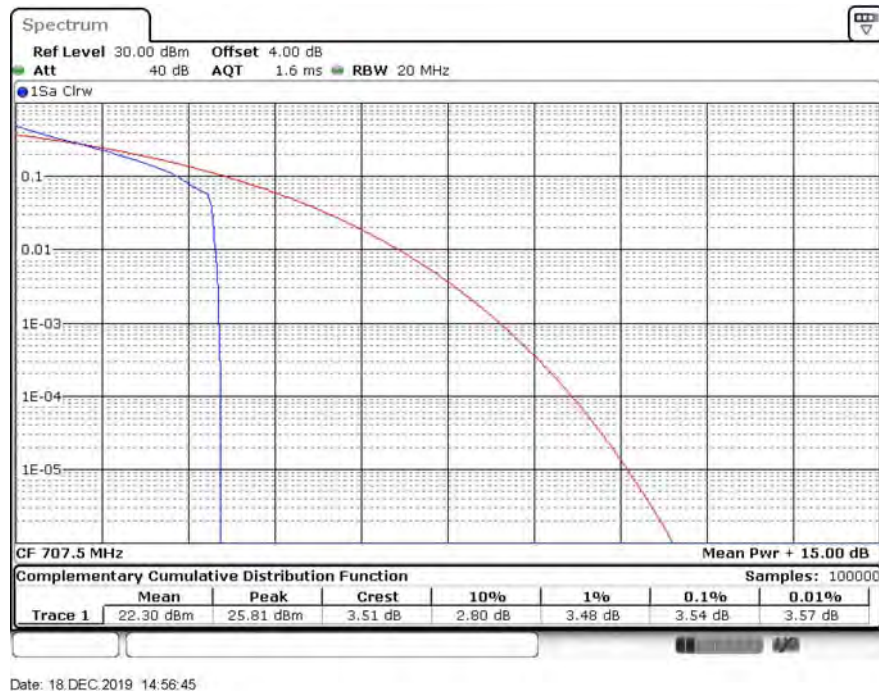
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B12_CH23025_3M_1RB7_16-QAM



B12_CH23095_3M_1RB7_QPSK



B12_CH23095_3M_1RB7_16-QAM



B12_CH23165_3M_1RB7_QPSK



Date: 18 DEC. 2019 15:03:28

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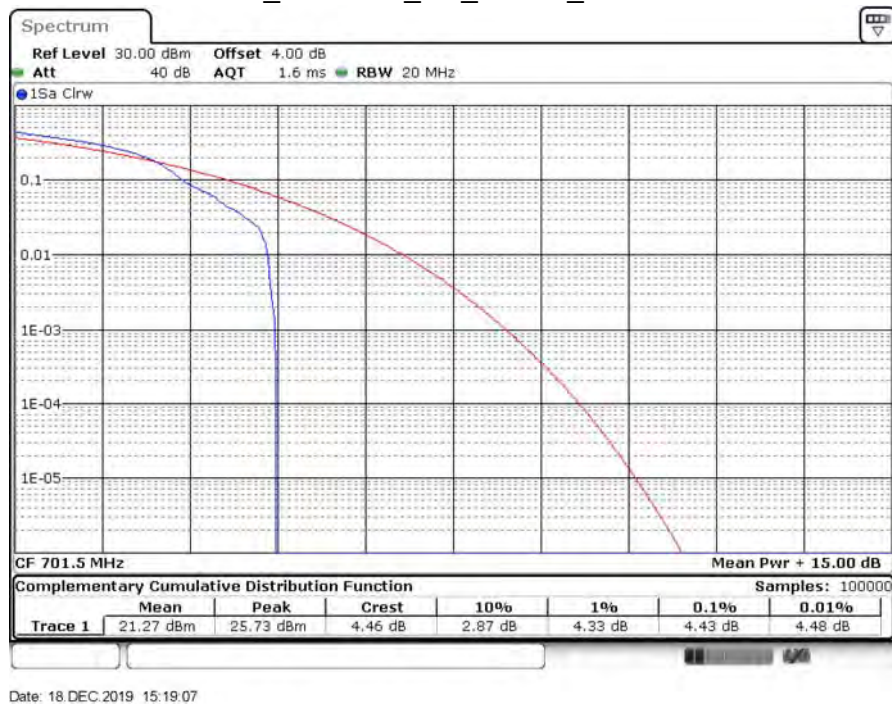


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B12_CH23035_5M_1RB12_QPSK



B12_CH23035_5M_1RB12_16-QAM



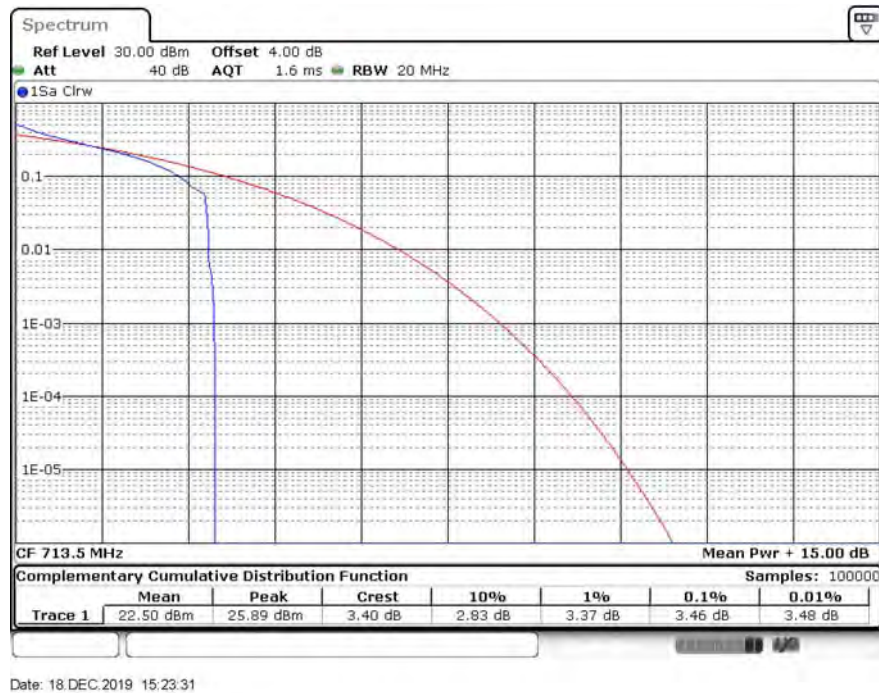
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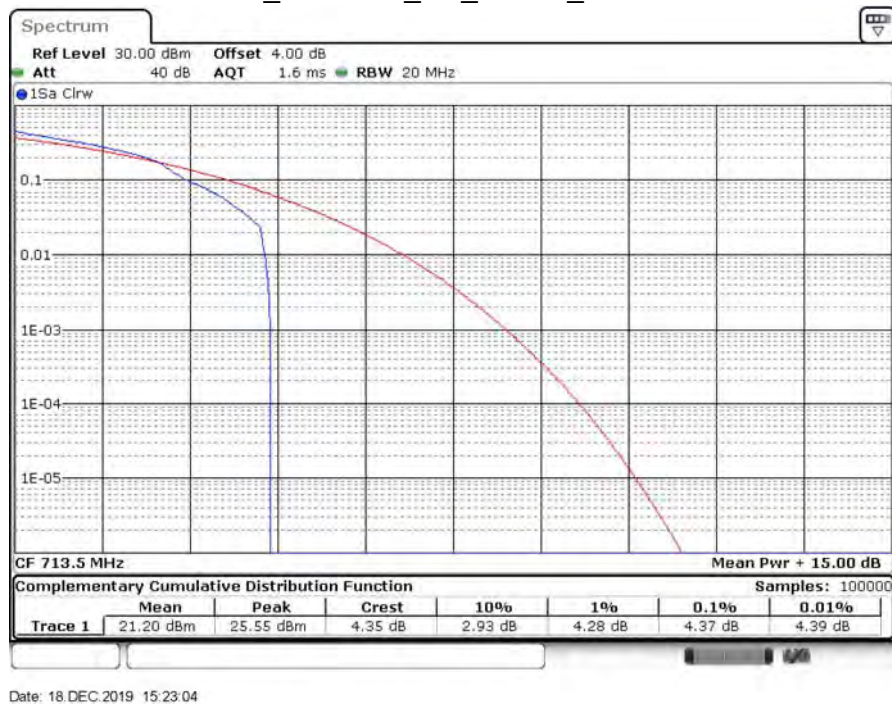
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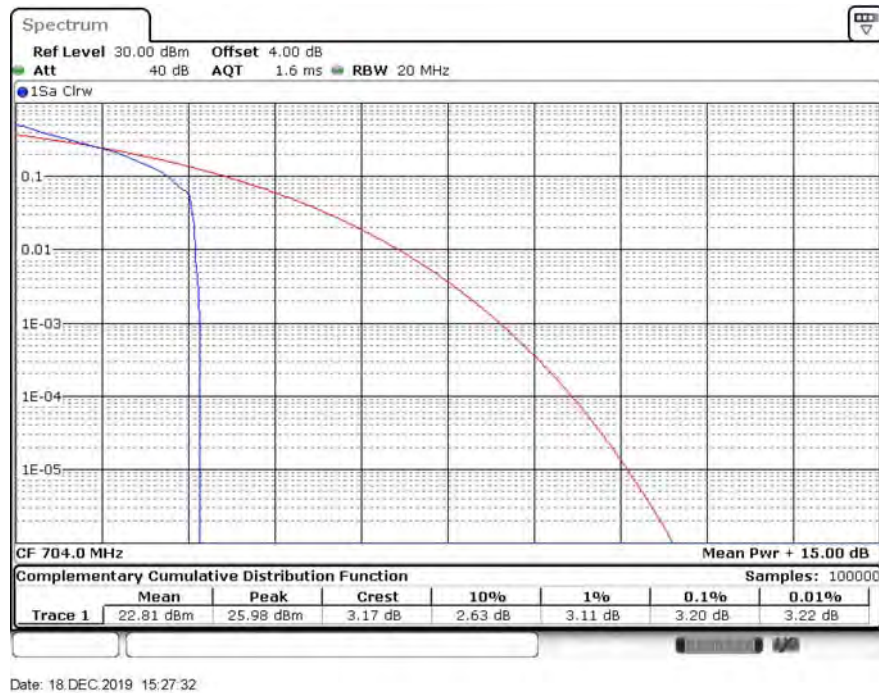
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B12_CH23155_5M_1RB12_16-QAM



B12_CH23060_10M_1RB24_QPSK



B12_CH23060_10M_1RB24_16-QAM



B12_CH23095_10M_1RB24_QPSK



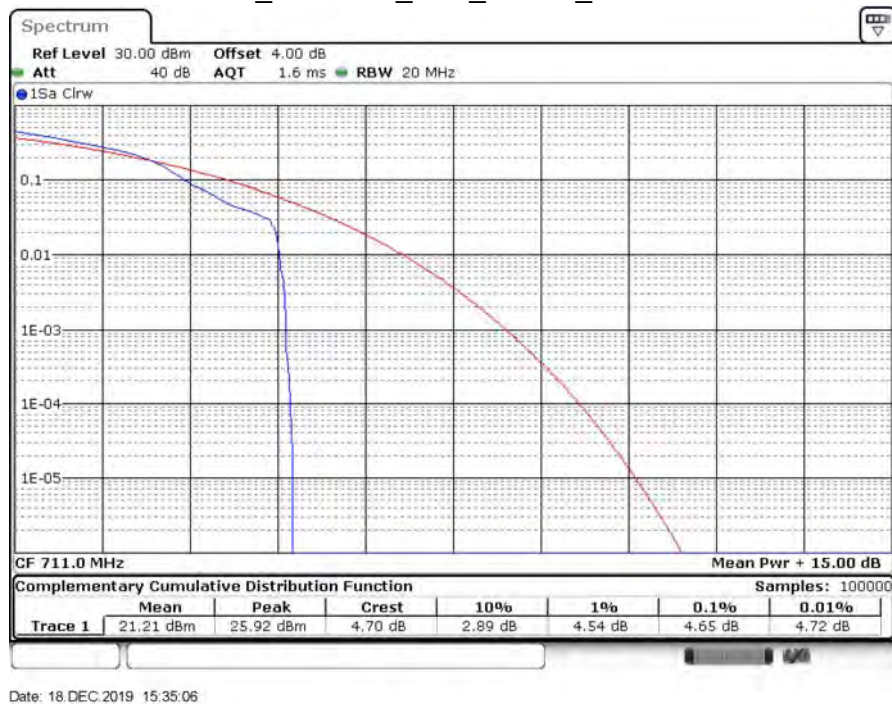
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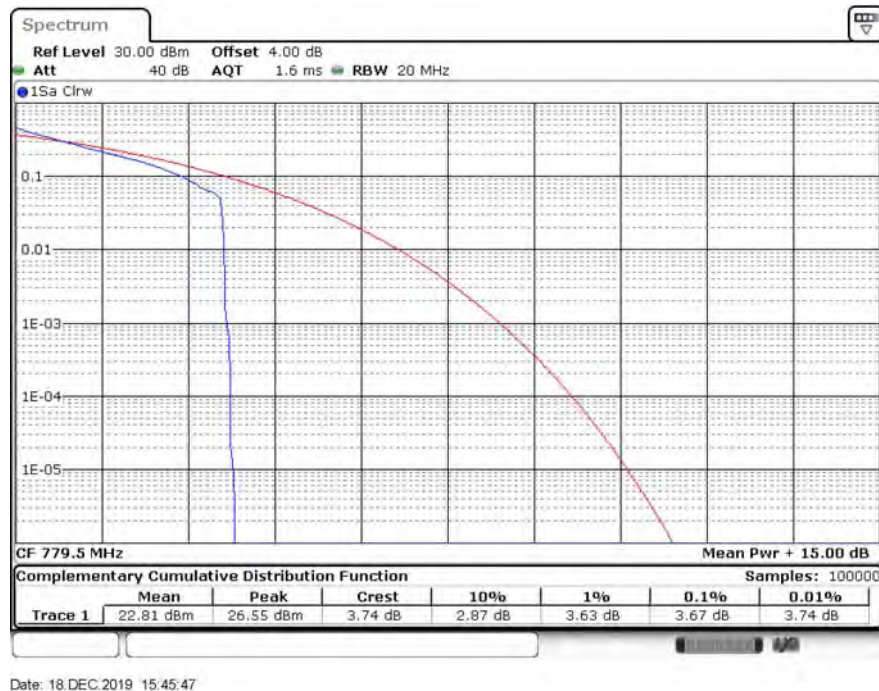
B12_CH23130_10M_1RB24_16-QAM



Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 5: LTE Band 13		
Date of Test	2019/12/18	Test Site	SR12-H
Temperature (°C)	22.0°C	Humidity (%RH)	59%RH

Band width (MHz)	Channel	Frequency (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
5M	23205	779.5	QPSK	26.55	22.81	3.67
			16-QAM	26.46	21.99	4.46
	23230	782	QPSK	26.51	22.81	3.72
			16-QAM	26.82	22.33	4.48
	23255	784.5	QPSK	26.04	22.74	3.33
			16-QAM	26.03	22.08	3.91
10M	23230	782	QPSK	26.60	22.90	3.72
			16-QAM	26.25	21.92	4.33

B13_CH23205_5M_1RB12_QPSK



B13_CH23205_5M_1RB12_16-QAM



B13_CH23230_5M_1RB12_QPSK



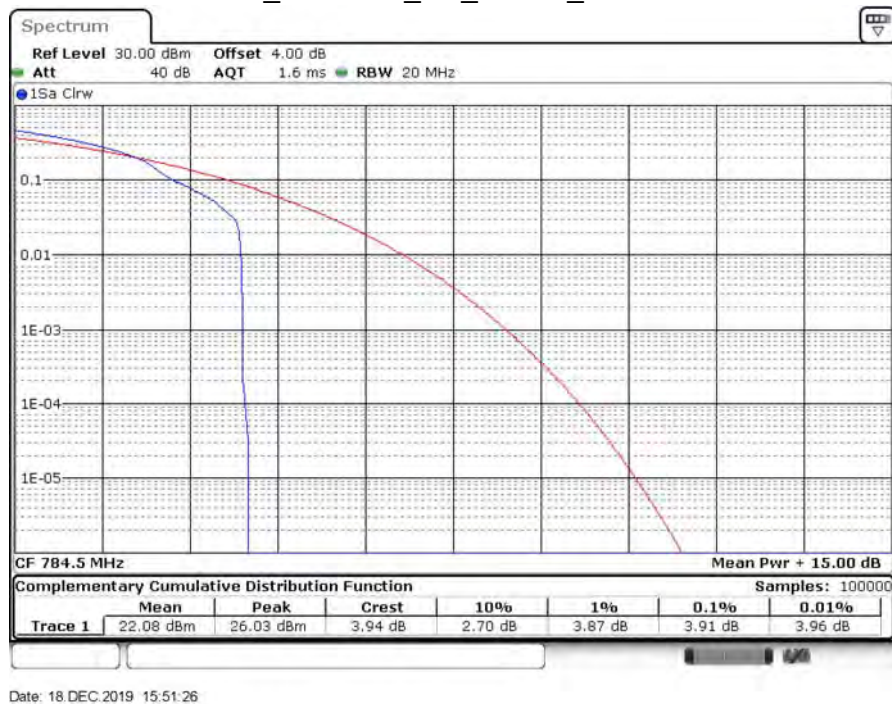
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B13_CH23255_5M_1RB12_QPSK



B13_CH23255_5M_1RB12_16-QAM

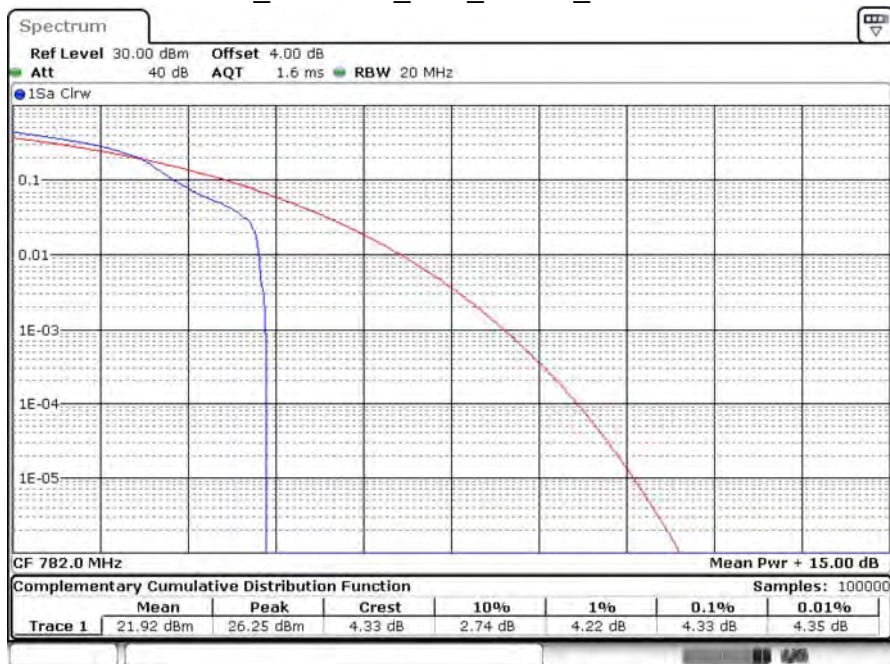


B13_CH23230_10M_1RB24_QPSK



Date: 18 DEC 2019 15:54:05

B13_CH23230_10M_1RB24_16-QAM



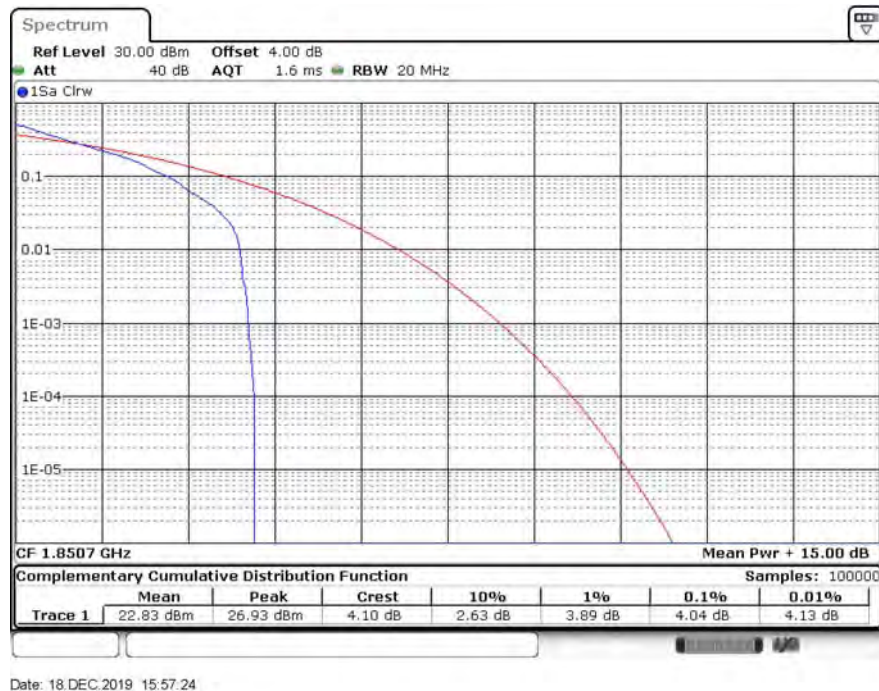
Date: 18 DEC 2019 15:53:39

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 6: LTE Band 25		
Date of Test	2019/12/18	Test Site	SR12-H
Temperature (°C)	22.0°C	Humidity (%RH)	59%RH

Band width (MHz)	Channel	Frequency (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	26047	1850.7	QPSK	26.93	22.83	4.04
			16-QAM	26.96	21.90	5.02
	26365	1882.5	QPSK	27.16	22.99	4.11
			16-QAM	27.22	22.13	5.07
	26683	1914.3	QPSK	27.00	22.73	4.24
			16-QAM	27.29	22.08	5.17
3M	26055	1851.5	QPSK	27.00	22.81	4.15
			16-QAM	27.13	22.02	5.02
	26365	1882.5	QPSK	26.98	22.78	4.17
			16-QAM	26.98	21.77	5.20
	26675	1913.5	QPSK	27.15	22.79	4.33
			16-QAM	27.26	22.16	5.09
5M	26065	1852.5	QPSK	26.59	22.73	3.85
			16-QAM	26.96	22.25	4.70
	26365	1882.5	QPSK	26.58	22.68	3.89
			16-QAM	26.32	21.42	4.80
	26665	1912.5	QPSK	26.88	22.64	4.24
			16-QAM	26.86	21.63	5.17
10M	26090	1855	QPSK	26.85	22.95	3.87
			16-QAM	26.81	21.80	4.96
	26365	1882.5	QPSK	26.86	22.60	4.20
			16-QAM	27.14	22.05	5.04
	26640	1910	QPSK	27.18	22.90	4.24
			16-QAM	27.08	21.90	5.02

Band width (MHz)	Channel	Frequency (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
15M	26115	1857.5	QPSK	27.28	22.65	4.57
			16-QAM	27.19	21.84	5.26
	26365	1882.5	QPSK	26.75	22.44	4.24
			16-QAM	27.19	22.13	4.96
	26615	1907.5	QPSK	26.92	22.50	4.33
			16-QAM	27.00	21.66	5.24
20M	26140	1860	QPSK	27.28	22.44	4.72
			16-QAM	27.82	22.24	5.48
	26365	1882.5	QPSK	27.15	22.93	4.13
			16-QAM	27.09	21.94	5.02
	26590	1905	QPSK	27.42	23.08	4.28
			16-QAM	27.61	22.53	4.98

B25_CH26047_1.4M_1RB2_QPSK



B25_CH26047_1.4M_1RB2_16-QAM



B25_CH26365_1.4M_1RB2_QPSK



Date: 18 DEC 2019 16:34:45

B25_CH26365_1.4M_1RB2_16-QAM



Date: 18 DEC 2019 16:34:53

B25_CH26683_1.4M_1RB2_QPSK



Date: 18 DEC 2019 16:36:09

B25_CH26683_1.4M_1RB2_16-QAM



Date: 18 DEC 2019 16:36:02

B25_CH26055_3M_1RB7_QPSK



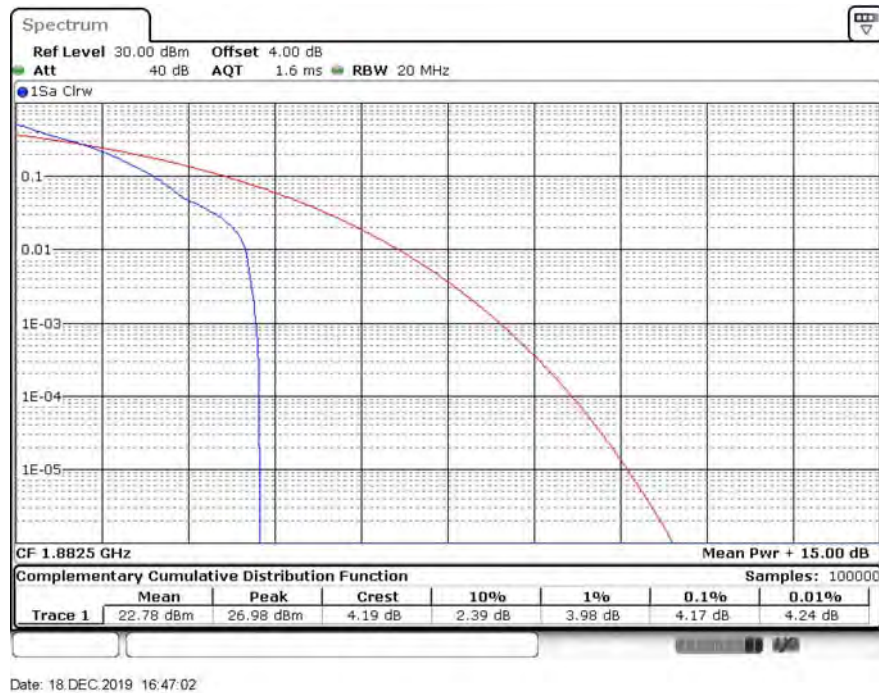
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Date: 18 DEC 2019 16:39:32

B25_CH26365_3M_1RB7_QPSK



B25_CH26365_3M_1RB7_16-QAM



B25_CH26675_3M_1RB7_QPSK



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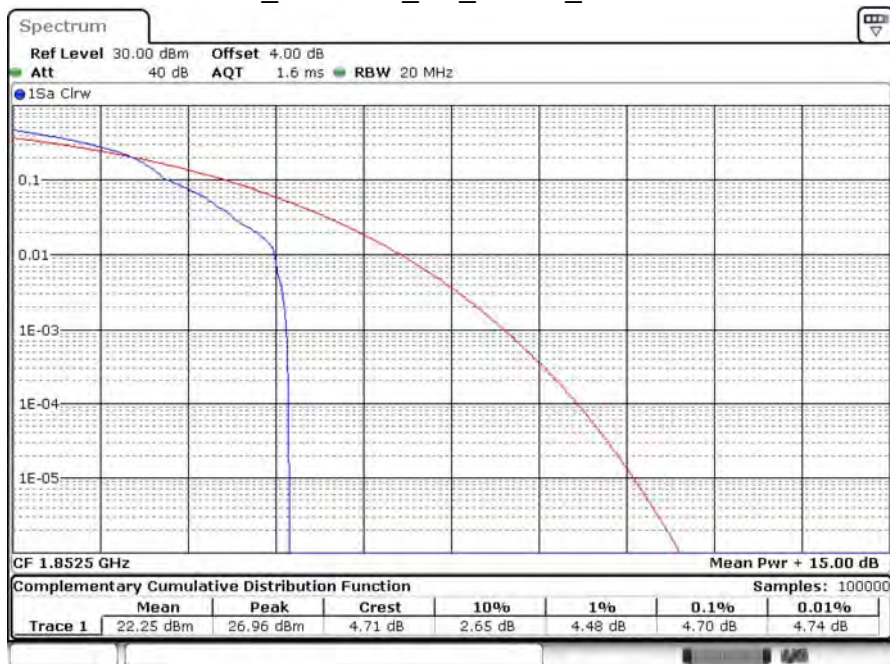


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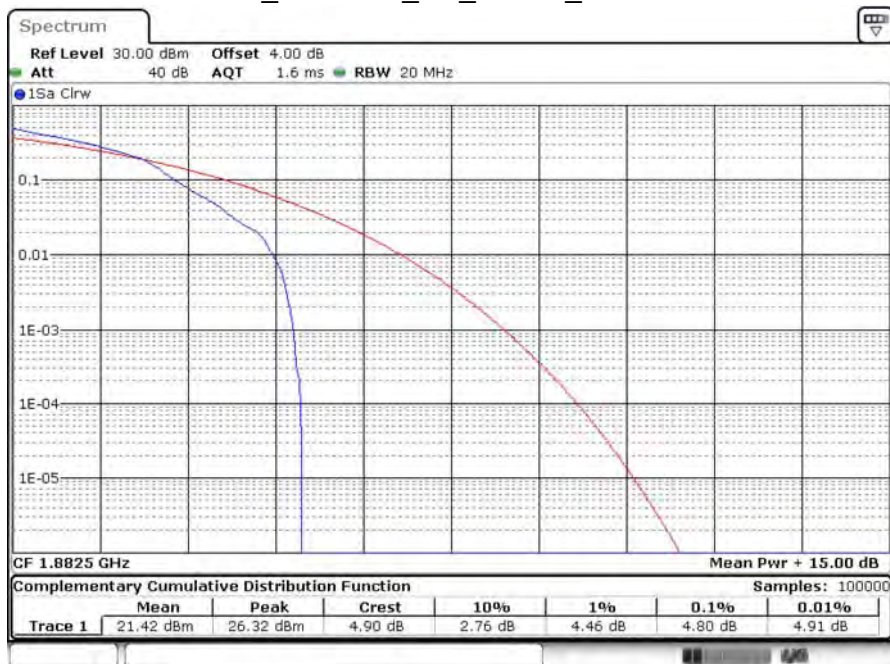
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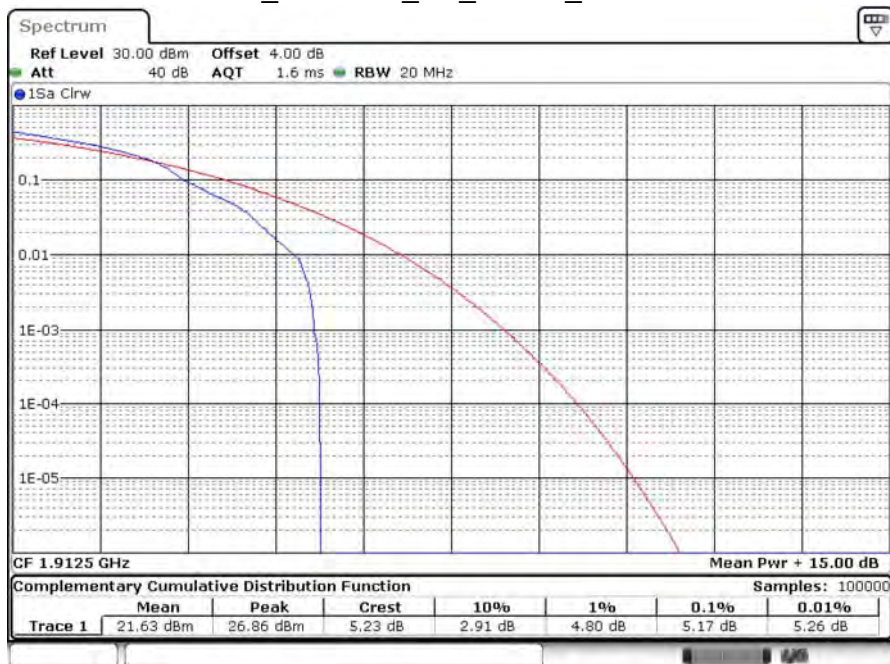
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Date: 18 DEC 2019 17:28:14

B25_CH26665_5M_1RB12_16-QAM



Date: 18 DEC 2019 17:28:05

B25_CH26090_10M_1RB24_QPSK



B25_CH26090_10M_1RB24_16-QAM



B25_CH26365_10M_1RB24_QPSK



B25_CH26365_10M_1RB24_16-QAM



B25_CH26640_10M_1RB24_QPSK



Date: 18 DEC 2019 17:39:32

B25_CH26640_10M_1RB24_16-QAM



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B25_CH26115_15M_1RB37_QPSK



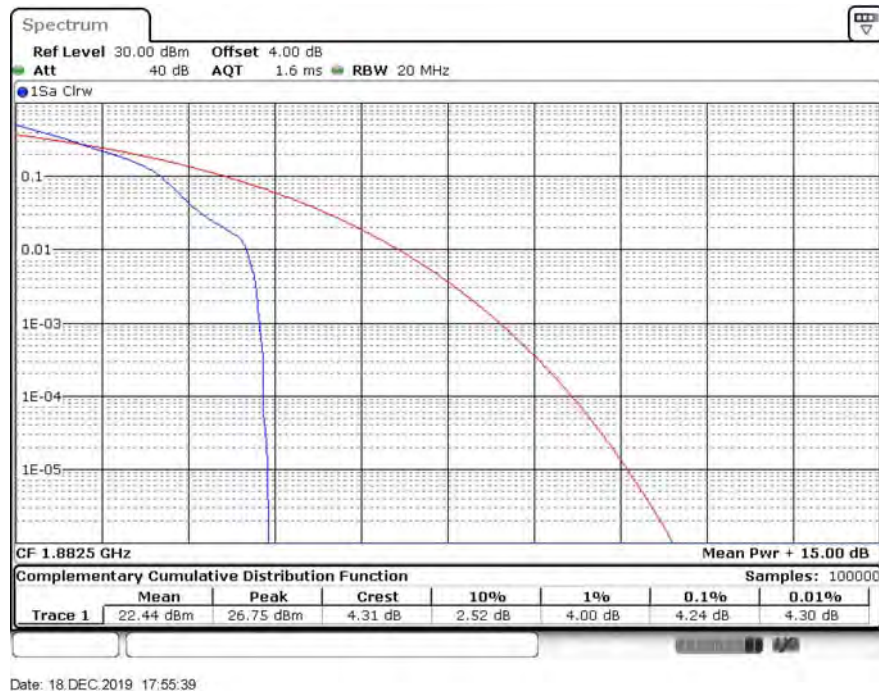
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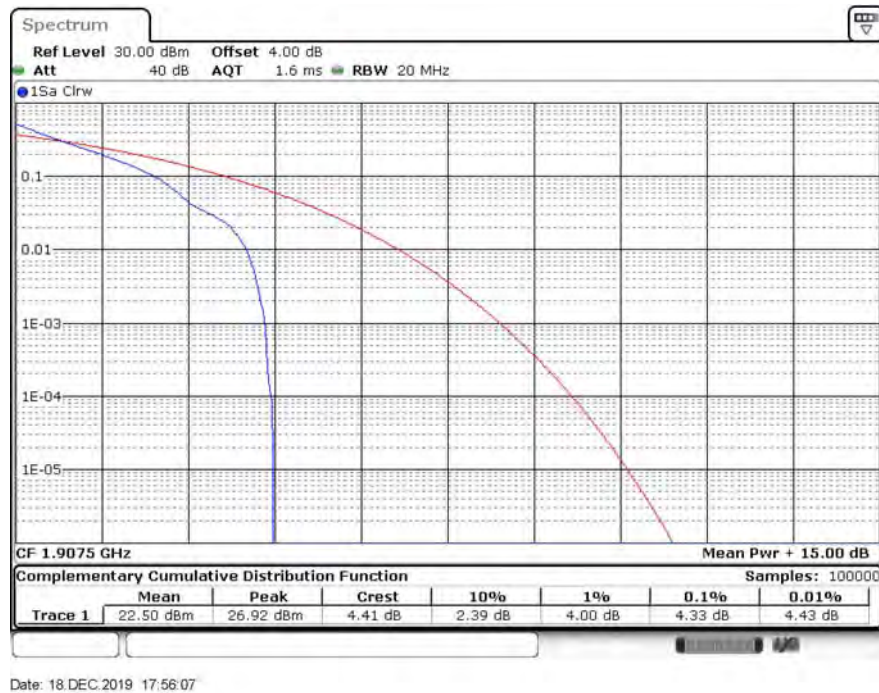
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B25_CH26365_15M_1RB37_16-QAM



B25_CH26615_15M_1RB37_QPSK



B25_CH26615_15M_1RB37_16-QAM



B25_CH26140_20M_1RB49_QPSK



Date: 18 DEC 2019 17:59:28

B25_CH26140_20M_1RB49_16-QAM



Date: 18 DEC 2019 17:59:40

B25_CH26365_20M_1RB49_QPSK



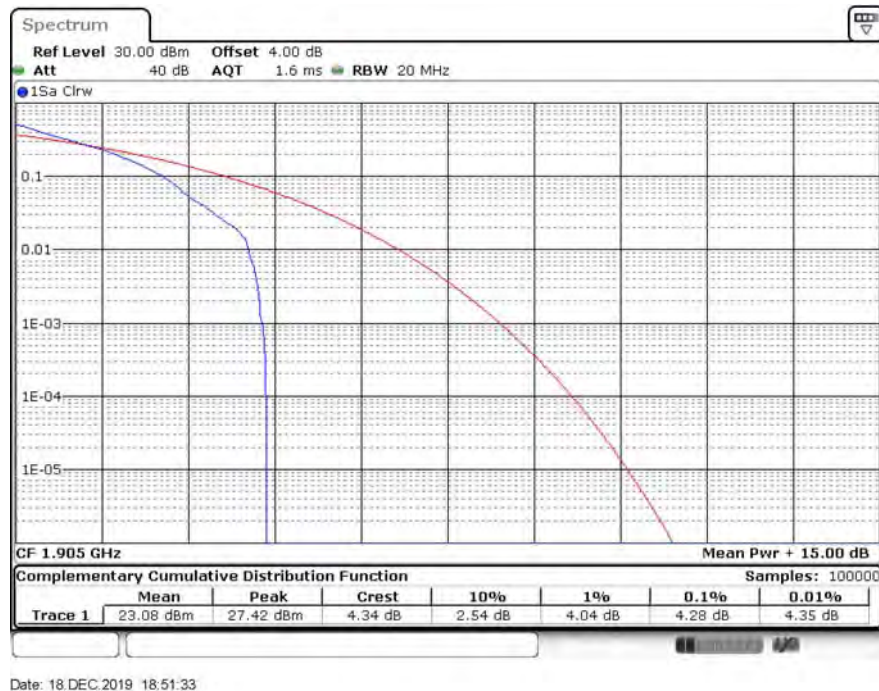
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B25_CH26365_20M_1RB49_16-QAM



Date: 18 DEC 2019 18:38:26

B25_CH26590_20M_1RB49_QPSK



B25_CH26590_20M_1RB49_16-QAM

