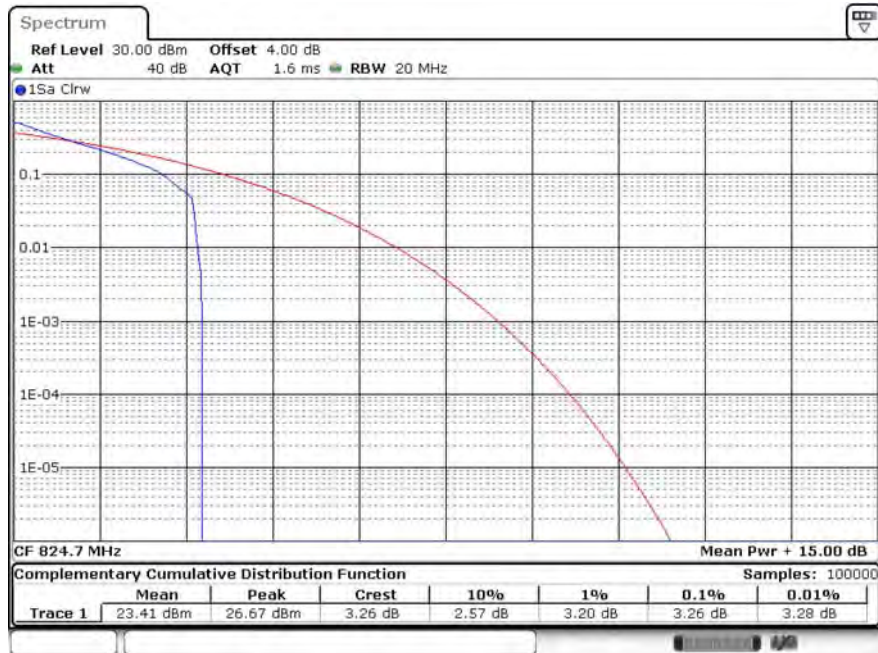


Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/12/18	Test Site	SR12-H
Temperature (°C)	22.0°C	Humidity (%RH)	59%RH

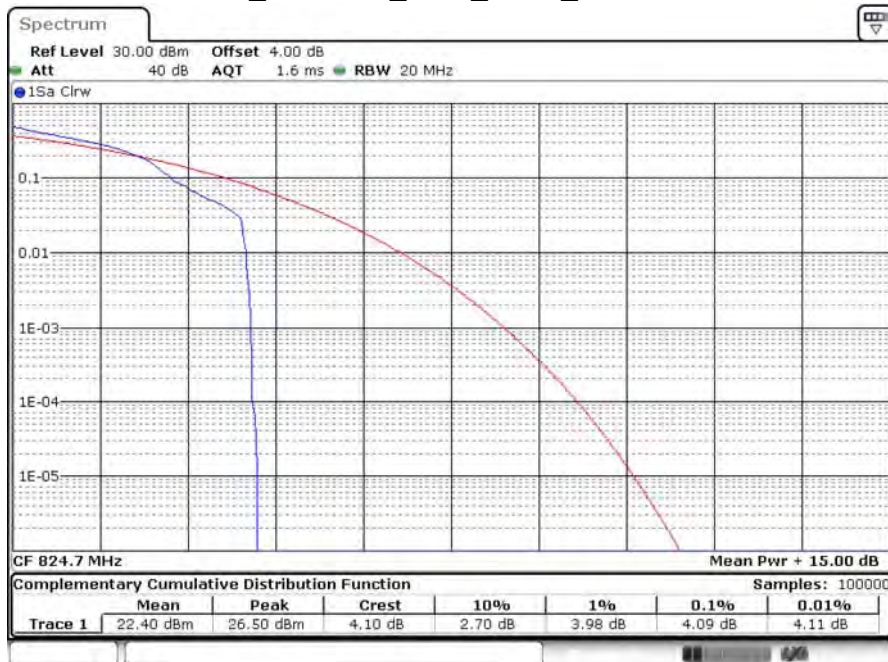
Band width (MHz)	Channel	Frequency (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	20407	824.7	QPSK	26.67	23.41	3.26
			16-QAM	26.50	22.40	4.09
	20525	836.5	QPSK	25.93	22.84	3.11
			16-QAM	26.40	22.50	3.91
	20643	848.3	QPSK	26.76	23.40	3.30
			16-QAM	26.66	22.43	4.20
3M	20415	825.5	QPSK	26.23	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



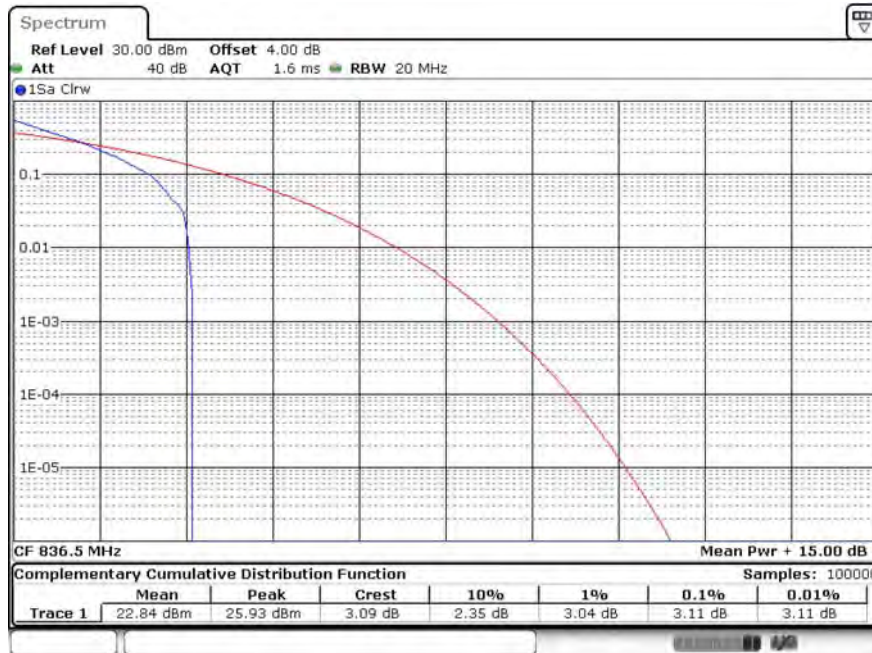
Date: 18.DEC.2019 11:00:47

### B5\_CH20407\_1.4M\_1RB2\_16-QAM



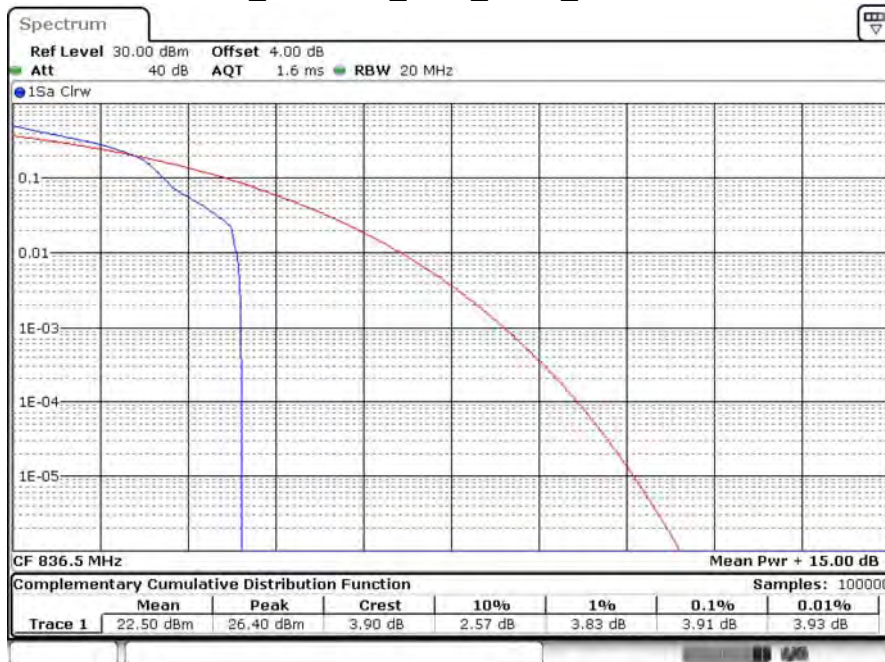
Date: 18.DEC.2019 11:01:47

B5\_CH20525\_1.4M\_1RB2\_QPSK



Date: 18.DEC.2019 11:43:00

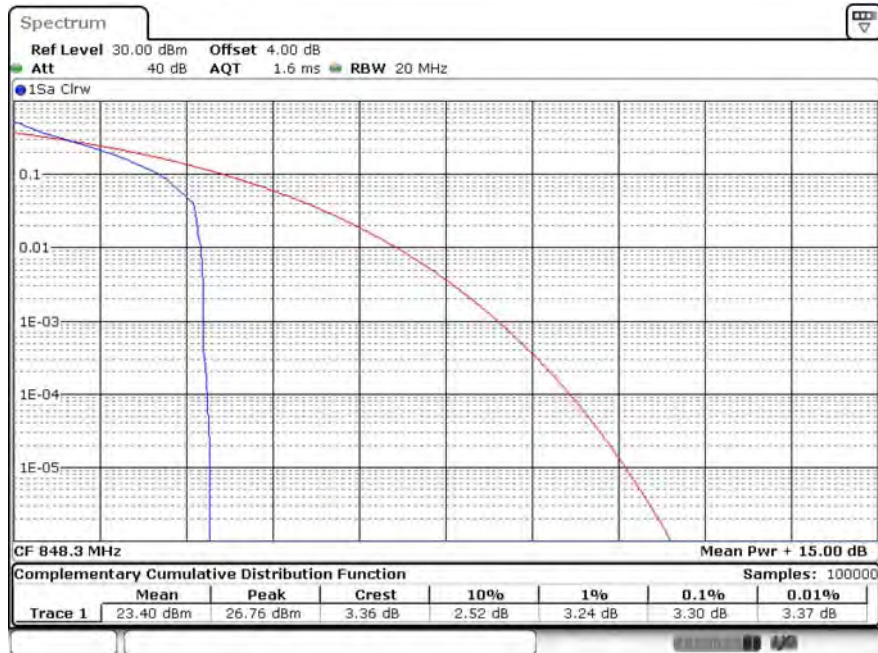
B5\_CH20525\_1.4M\_1RB2\_16-QAM



Date: 18.DEC.2019 11:29:47

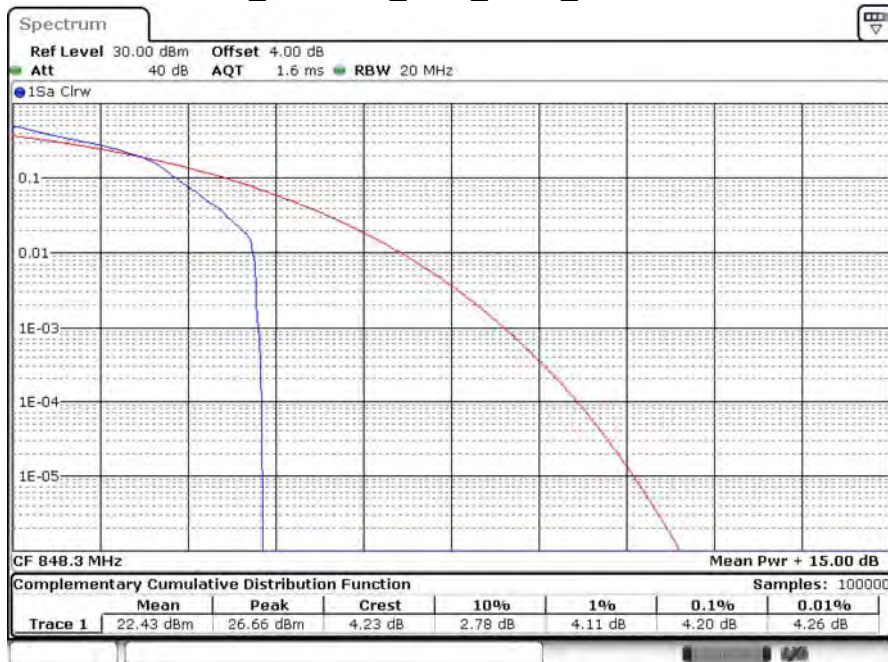


B5\_CH20643\_1.4M\_1RB2\_QPSK



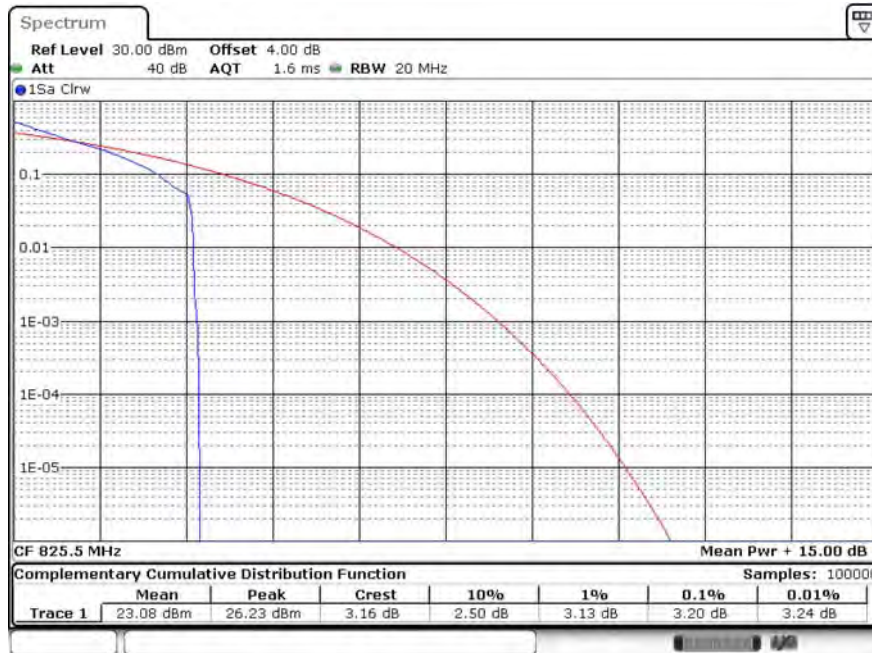
Date: 18.DEC.2019 11:49:14

B5\_CH20643\_1.4M\_1RB2\_16-QAM



Date: 18.DEC.2019 11:49:28

### B5\_CH20415\_3M\_1RB7\_QPSK



Date: 18.DEC.2019 13:31:57

### B5\_CH20415\_3M\_1RB7\_16-QAM



Date: 18.DEC.2019 13:32:08

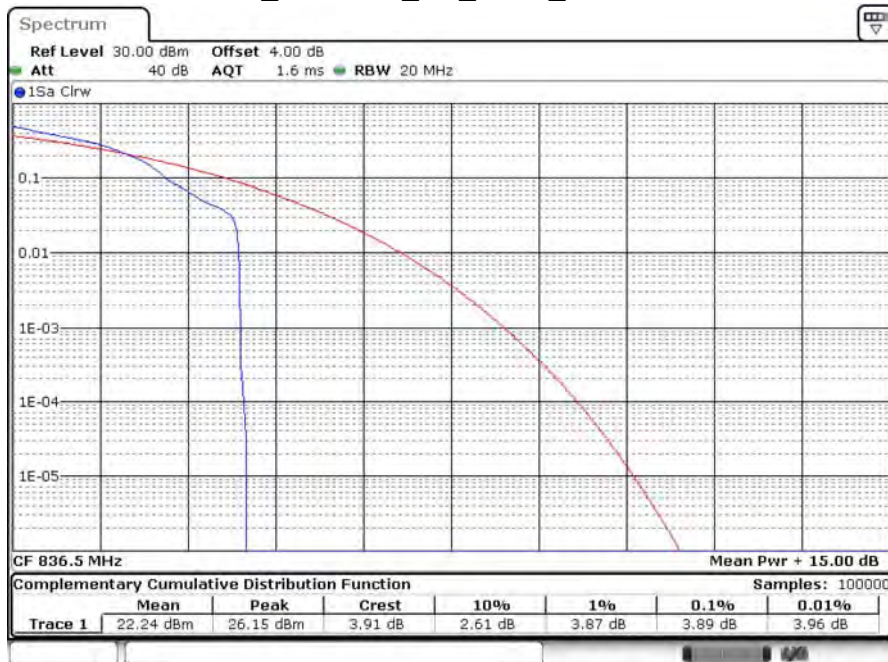


### B5\_CH20525\_3M\_1RB7\_QPSK



Date: 18.DEC.2019 13:33:27

### B5\_CH20525\_3M\_1RB7\_16-QAM



Date: 18.DEC.2019 13:33:19

### B5\_CH20635\_3M\_1RB7\_QPSK



Date: 18.DEC.2019 13:55:18

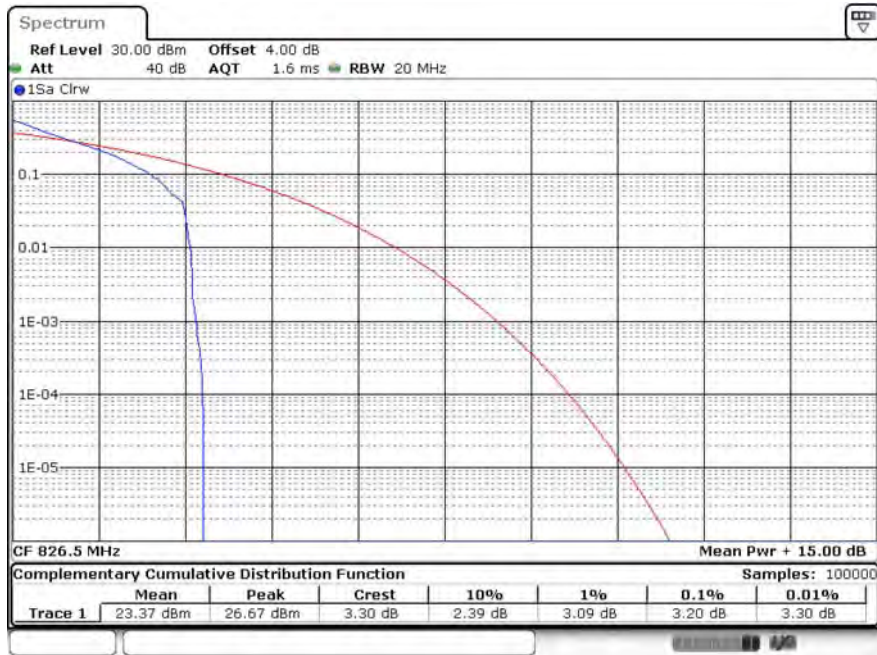
### B5\_CH20635\_3M\_1RB7\_16-QAM



Date: 18.DEC.2019 13:55:30



### B5\_CH20425\_5M\_1RB12\_QPSK



Date: 18.DEC.2019 14:02:50

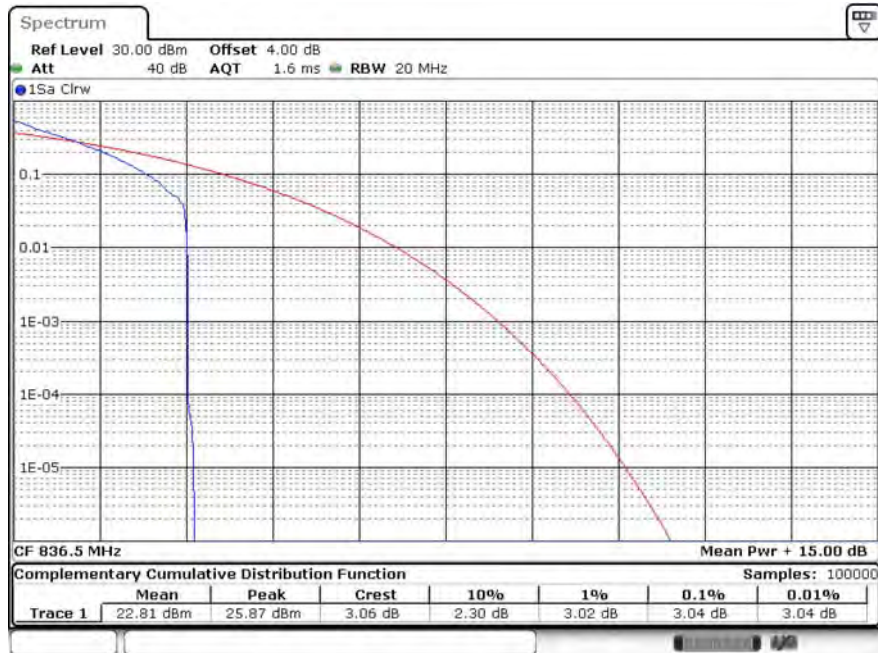
### B5\_CH20425\_5M\_1RB12\_16-QAM



Date: 18.DEC.2019 14:03:09

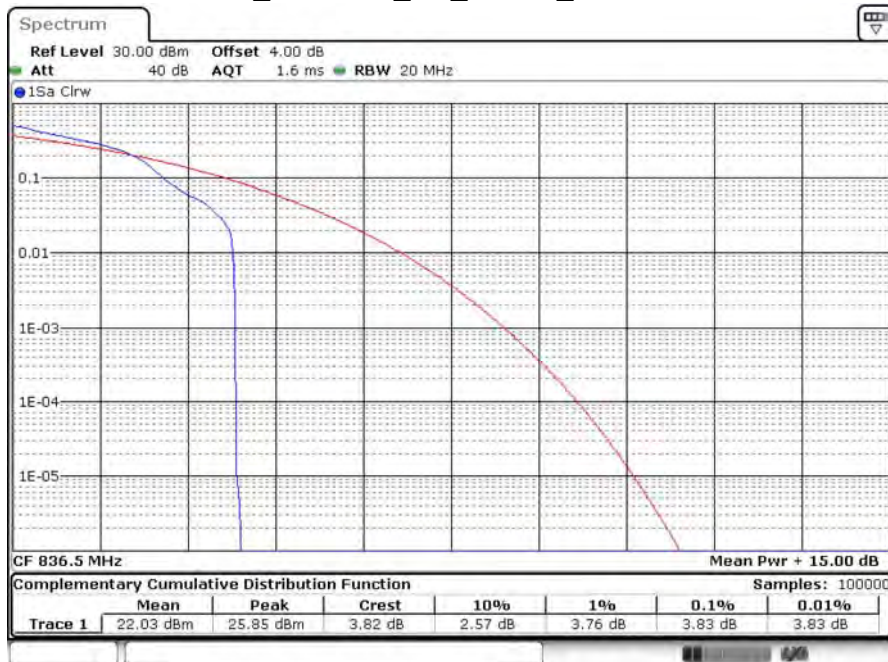


### B5\_CH20525\_5M\_1RB12\_QPSK



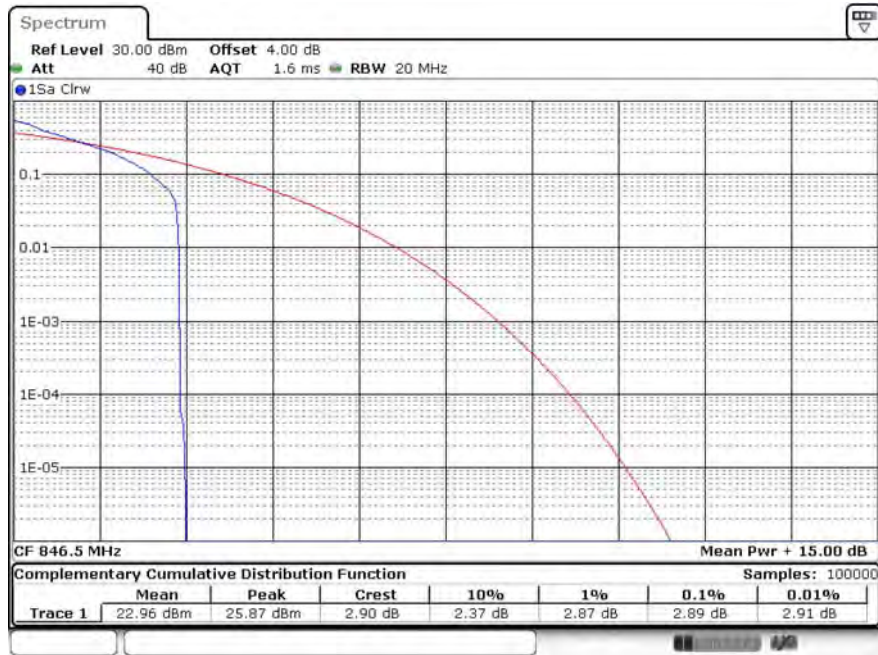
Date: 18.DEC.2019 14:01:50

### B5\_CH20525\_5M\_1RB12\_16-QAM



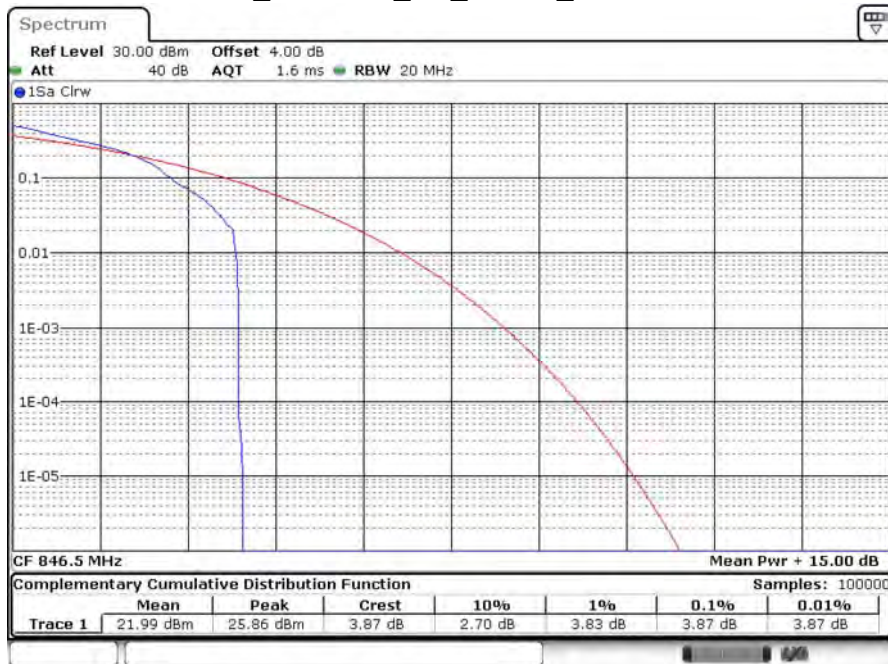
Date: 18.DEC.2019 14:01:19

### B5\_CH20625\_5M\_1RB12\_QPSK



Date: 18.DEC.2019 13:59:19

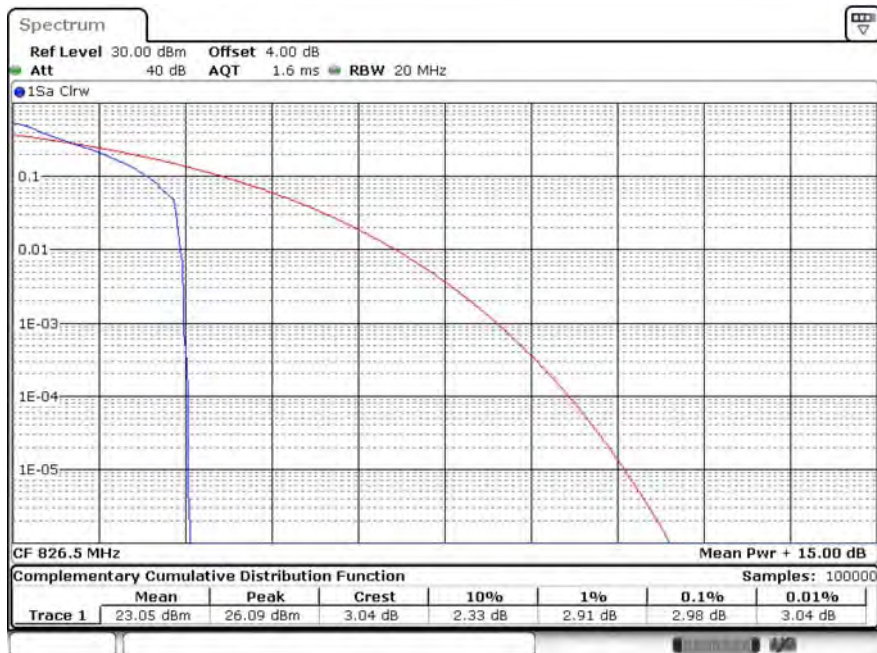
### B5\_CH20625\_5M\_1RB12\_16-QAM



Date: 18.DEC.2019 13:59:54



### B5\_CH20450\_10M\_1RB24\_QPSK



Date: 18.DEC.2019 14:04:54

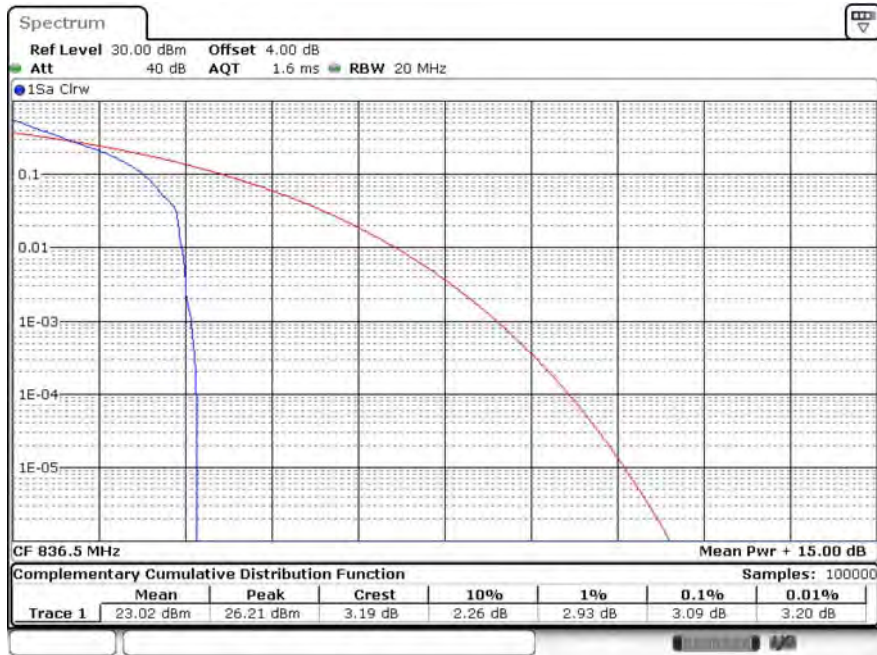
### B5\_CH20450\_10M\_1RB24\_16-QAM



Date: 18.DEC.2019 14:05:11

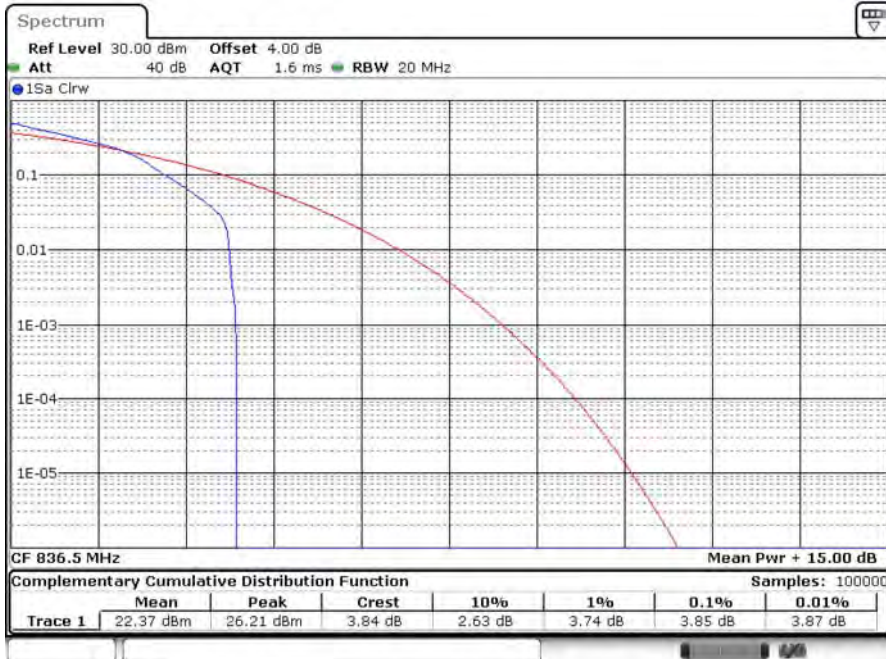


B5\_CH20525\_10M\_1RB24\_QPSK



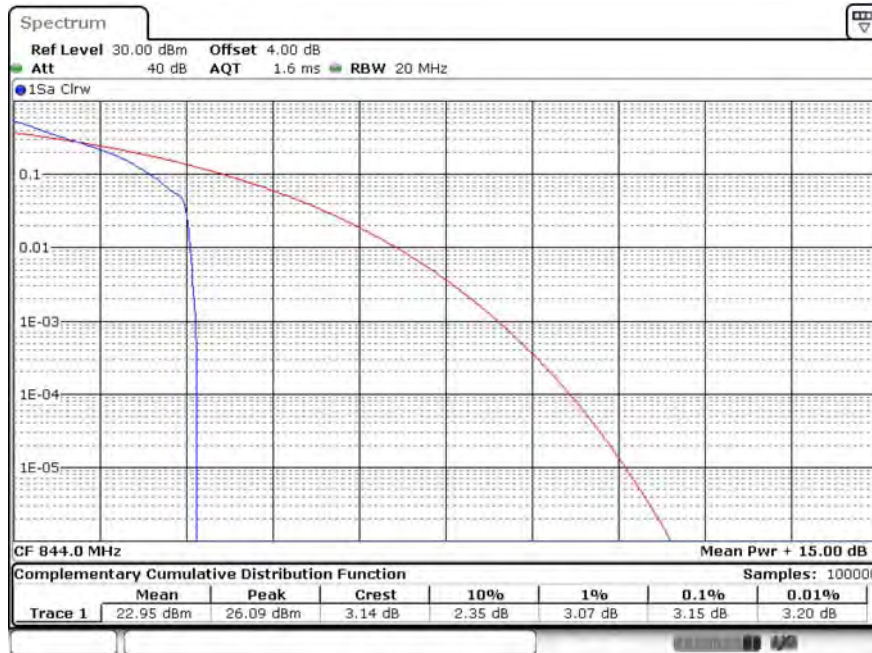
Date: 18.DEC.2019 14:06:24

B5\_CH20525\_10M\_1RB24\_16-QAM



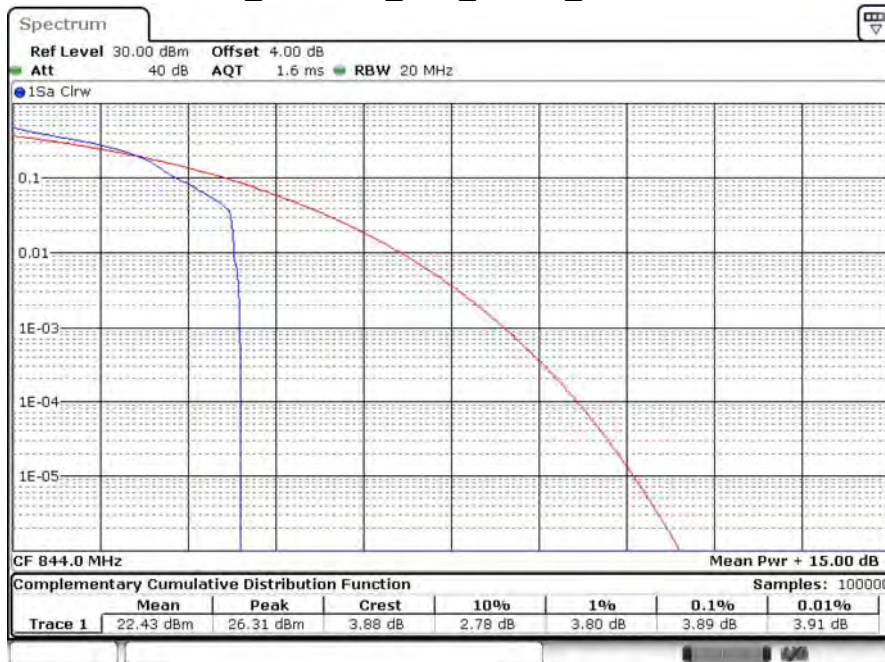
Date: 18.DEC.2019 14:06:35

B5\_CH20600\_10M\_1RB24\_QPSK



Date: 18.DEC.2019 14:07:37

B5\_CH20600\_10M\_1RB24\_16-QAM



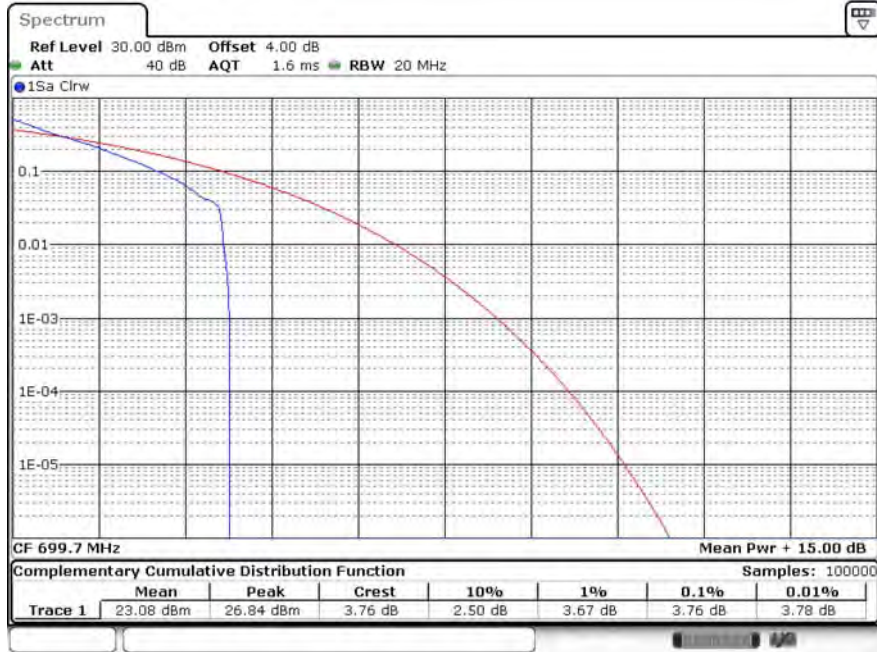
Date: 18.DEC.2019 14:07:26

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

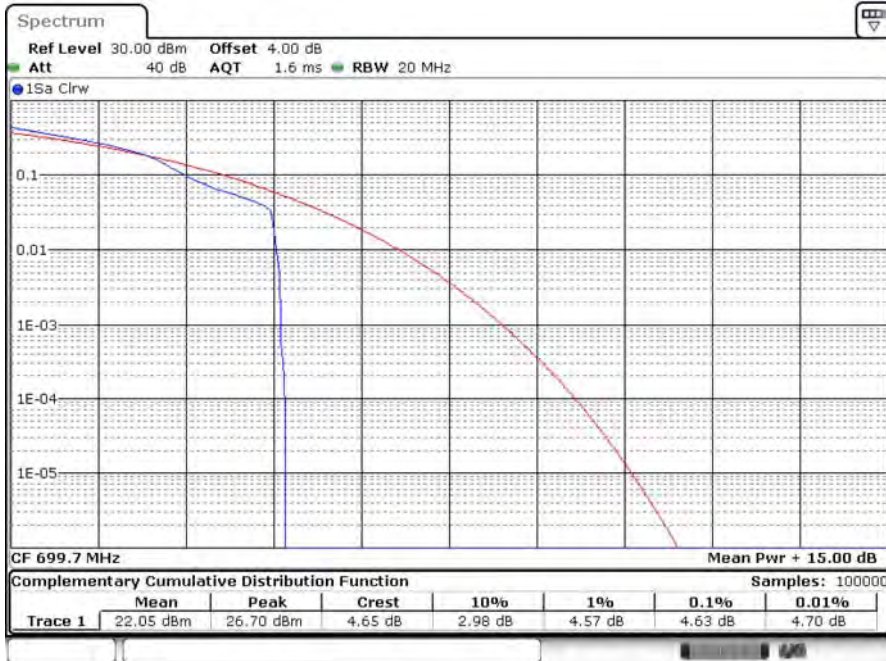


B12\_CH23017\_1.4M\_1RB2\_QPSK



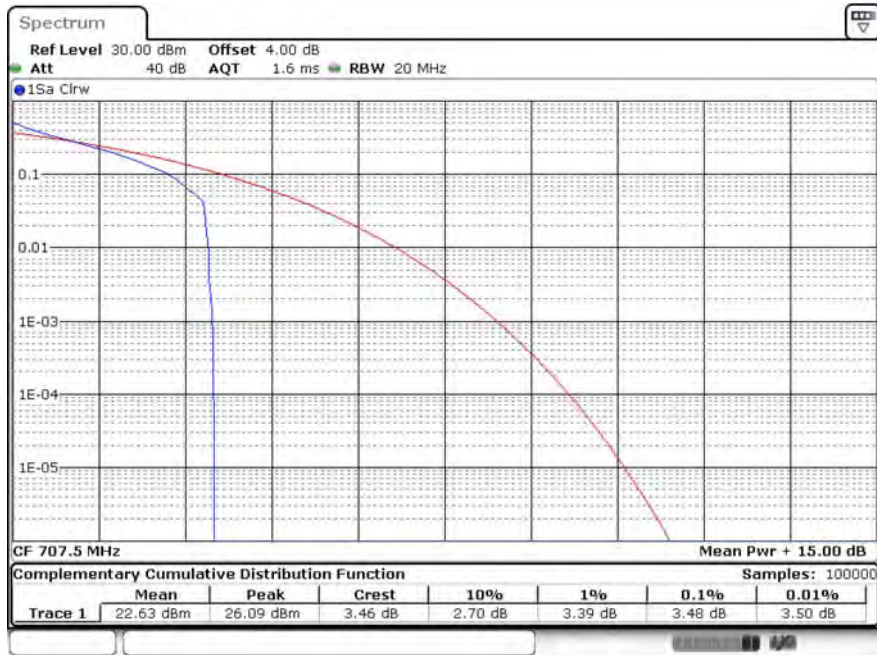
Date: 18.DEC.2019 14:21:38

B12\_CH23017\_1.4M\_1RB2\_16-QAM



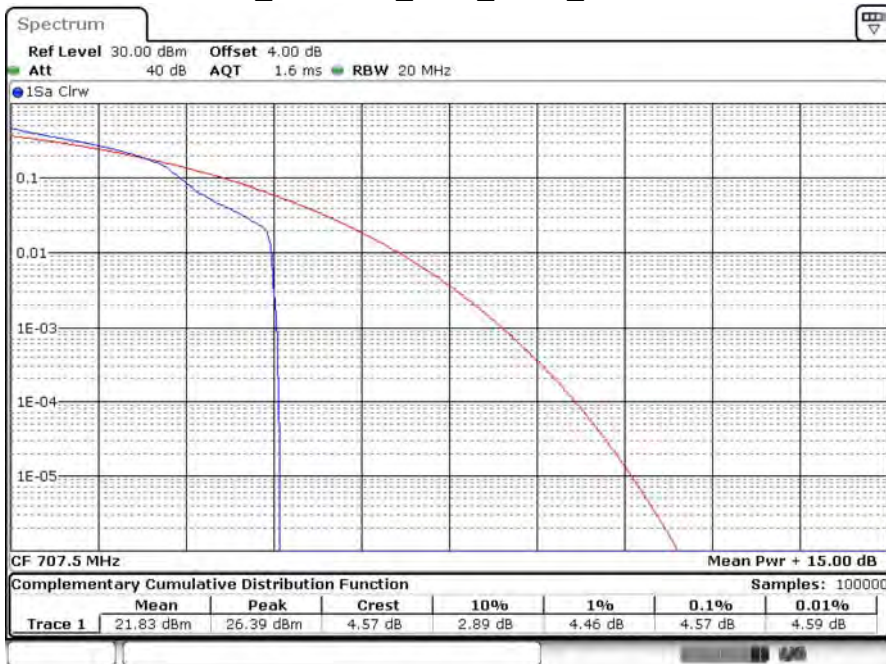
Date: 18.DEC.2019 14:22:16

B12\_CH23097\_1.4M\_1RB2\_QPSK



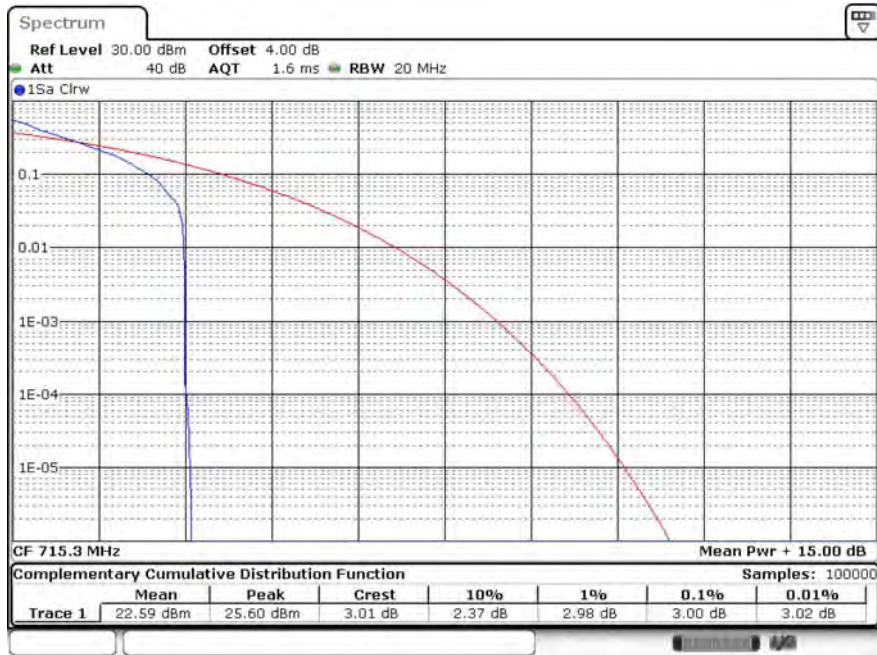
Date: 18.DEC.2019 14:24:05

B12\_CH23097\_1.4M\_1RB2\_16-QAM



Date: 18.DEC.2019 14:23:35

### B12\_CH23173\_1.4M\_1RB2\_QPSK



Date: 18.DEC.2019 14:25:35

### B12\_CH23173\_1.4M\_1RB2\_16-QAM



Date: 18.DEC.2019 14:25:44

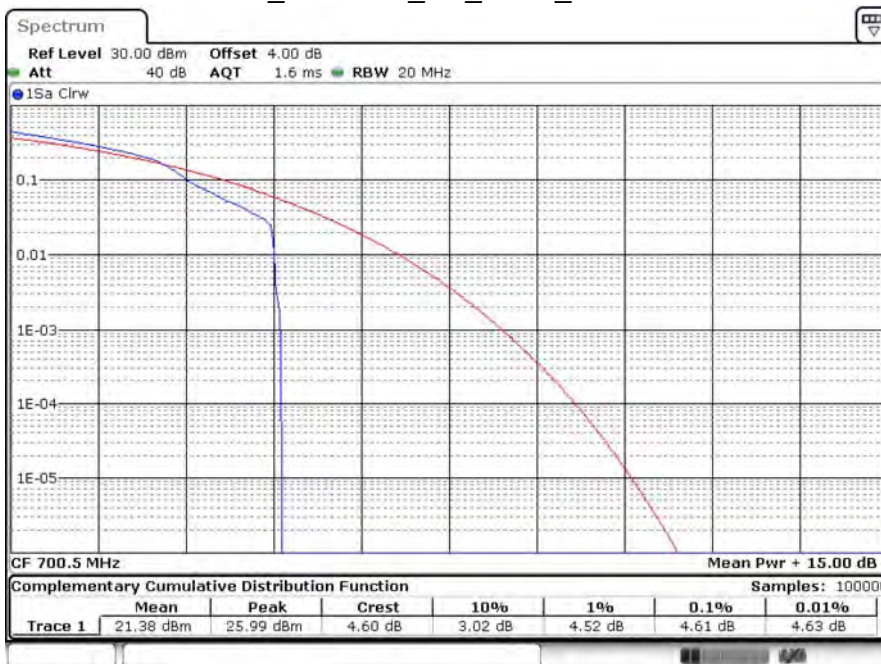


### B12\_CH23025\_3M\_1RB7\_QPSK



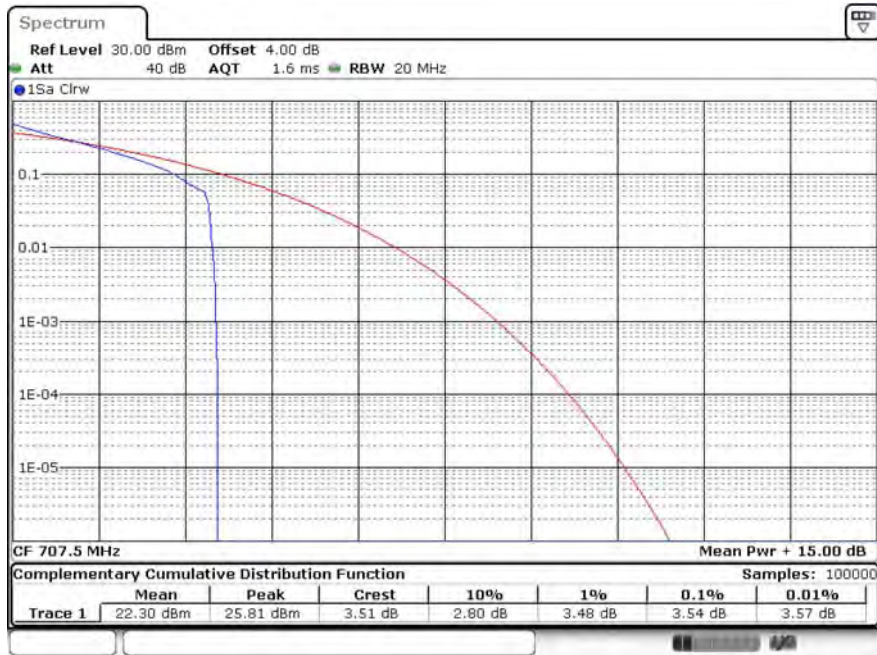
Date: 18.DEC.2019 14:29:49

### B12\_CH23025\_3M\_1RB7\_16-QAM



Date: 18.DEC.2019 14:29:18

B12\_CH23095\_3M\_1RB7\_QPSK



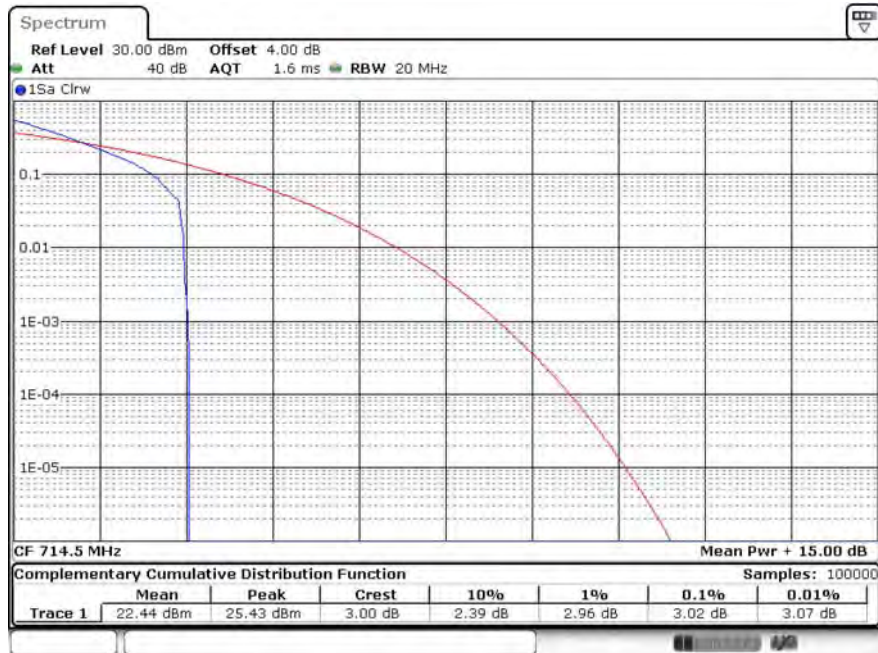
Date: 18.DEC.2019 14:56:45

B12\_CH23095\_3M\_1RB7\_16-QAM



Date: 18.DEC.2019 14:56:54

### B12\_CH23165\_3M\_1RB7\_QPSK



Date: 18.DEC.2019 15:03:28

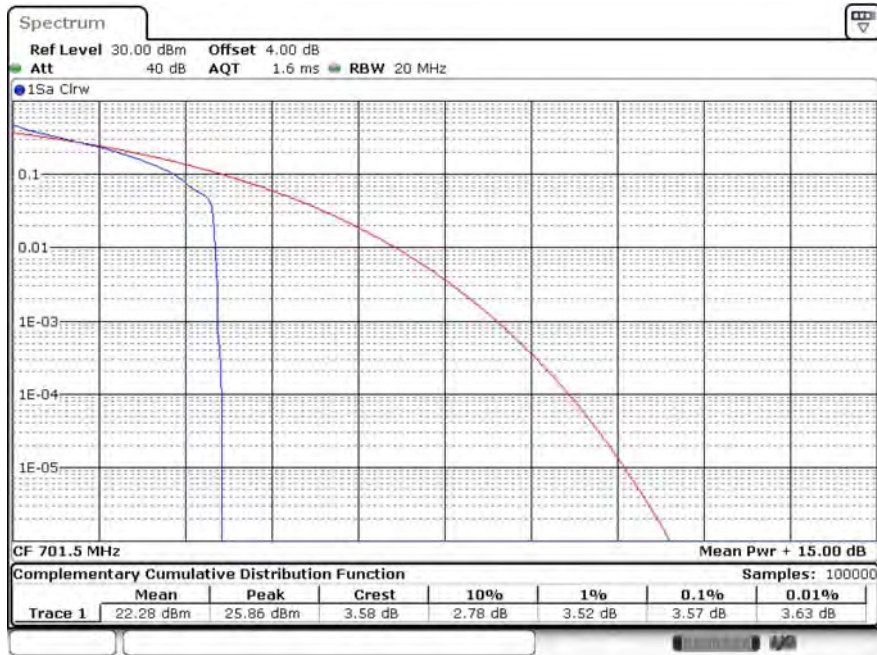
### B12\_CH23165\_3M\_1RB7\_16-QAM



Date: 18.DEC.2019 15:03:16

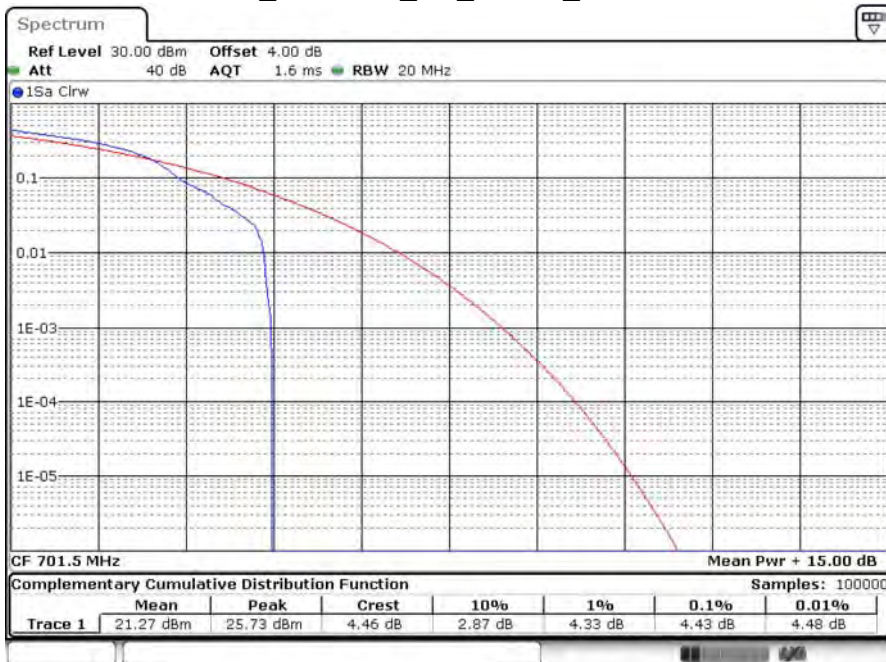


B12\_CH23035\_5M\_1RB12\_QPSK



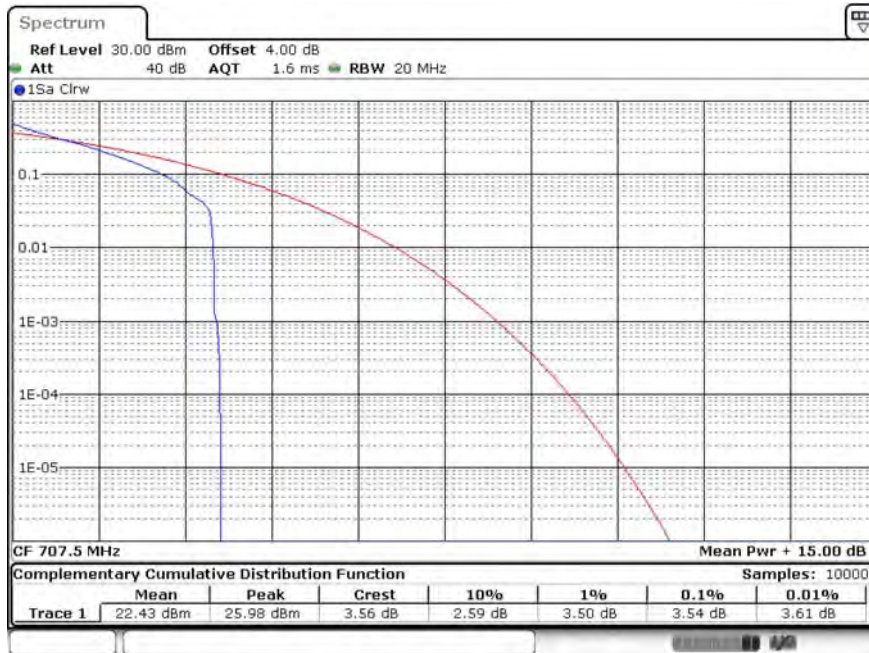
Date: 18.DEC.2019 15:19:22

B12\_CH23035\_5M\_1RB12\_16-QAM



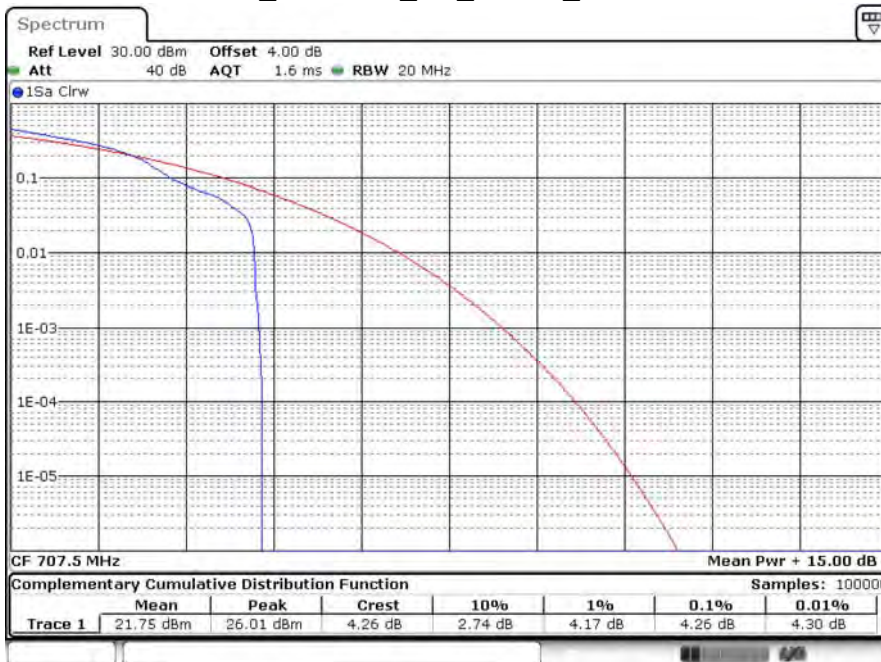
Date: 18.DEC.2019 15:19:07

### B12\_CH23095\_5M\_1RB12\_QPSK



Date: 18.DEC.2019 15:20:45

### B12\_CH23095\_5M\_1RB12\_16-QAM



Date: 18.DEC.2019 15:21:07



### B12\_CH23155\_5M\_1RB12\_QPSK



Date: 18.DEC.2019 15:23:31

### B12\_CH23155\_5M\_1RB12\_16-QAM



Date: 18.DEC.2019 15:23:04

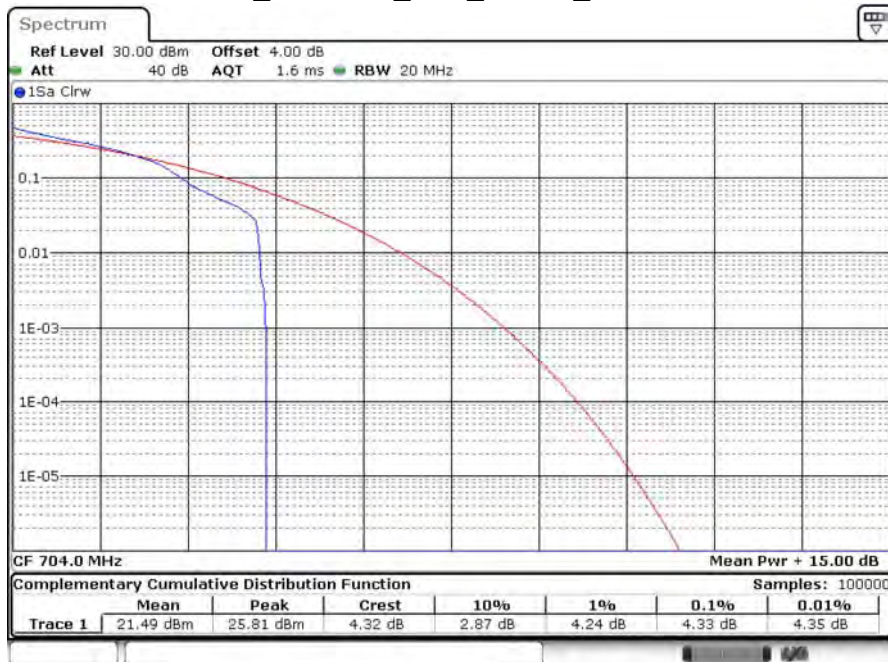


B12\_CH23060\_10M\_1RB24\_QPSK



Date: 18.DEC.2019 15:27:32

B12\_CH23060\_10M\_1RB24\_16-QAM



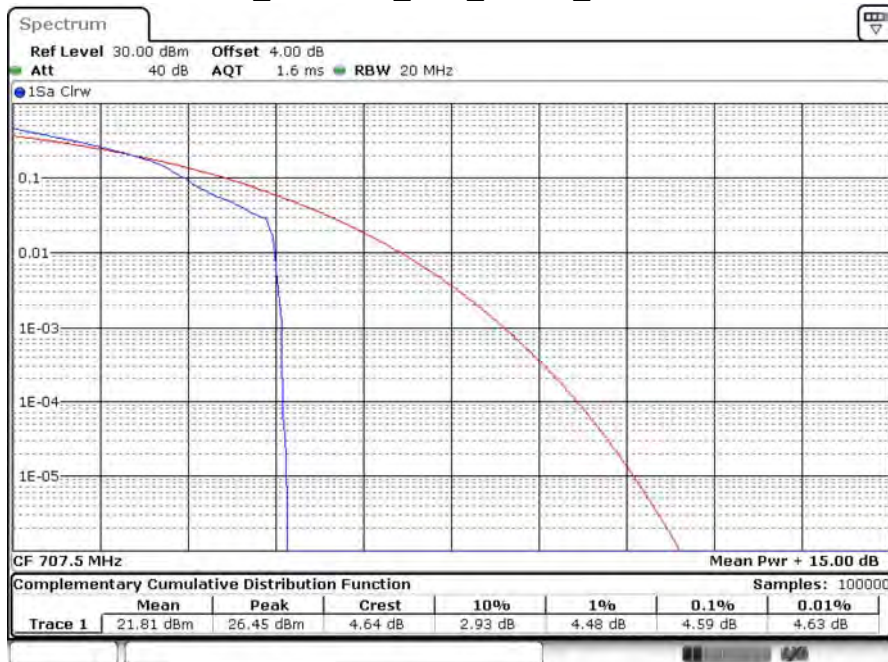
Date: 18.DEC.2019 15:27:50

B12\_CH23095\_10M\_1RB24\_QPSK



Date: 18.DEC.2019 15:33:59

B12\_CH23095\_10M\_1RB24\_16-QAM



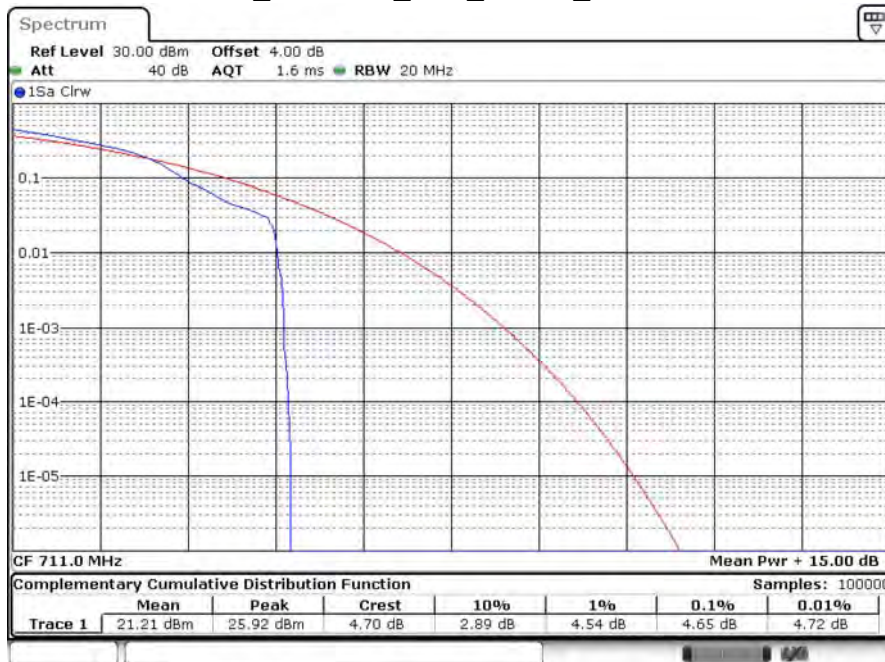
Date: 18.DEC.2019 15:33:49

### B12\_CH23130\_10M\_1RB24\_QPSK



Date: 18.DEC.2019 15:34:16

### B12\_CH23130\_10M\_1RB24\_16-QAM



Date: 18.DEC.2019 15:35:06



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



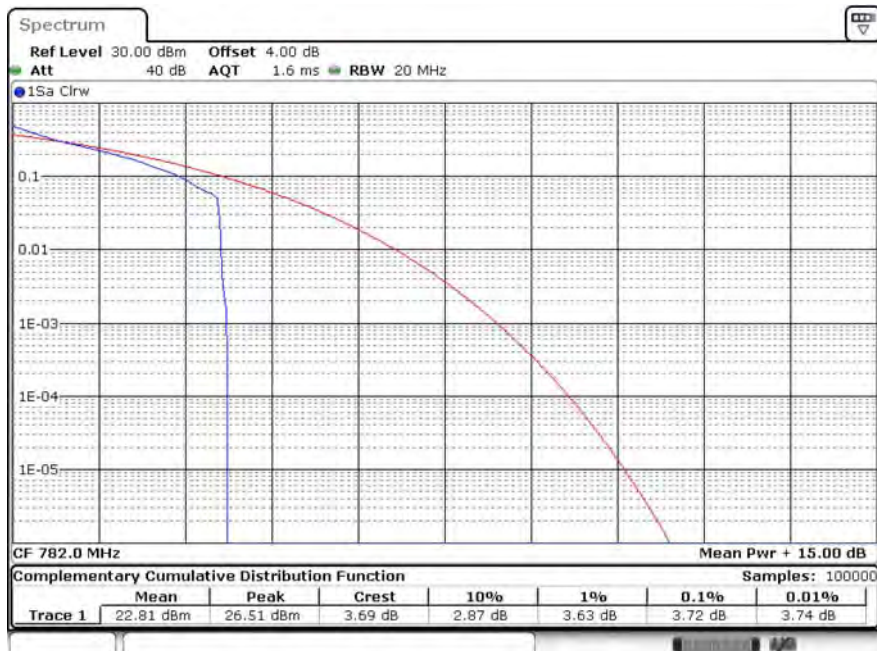
Date: 18.DEC.2019 15:45:47

### B13\_CH23205\_5M\_1RB12\_16-QAM



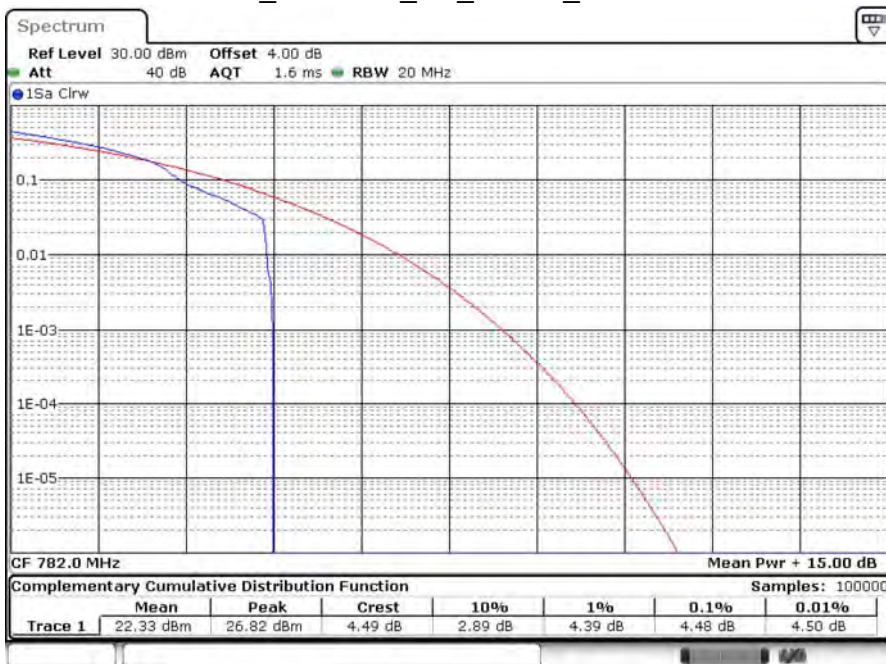
Date: 18.DEC.2019 15:46:01

### B13\_CH23230\_5M\_1RB12\_QPSK



Date: 18.DEC.2019 15.47.27

### B13\_CH23230\_5M\_1RB12\_16-QAM



Date: 18.DEC.2019 15.47.04



### B13\_CH23255\_5M\_1RB12\_QPSK



Date: 18.DEC.2019 15:51:10

### B13\_CH23255\_5M\_1RB12\_16-QAM



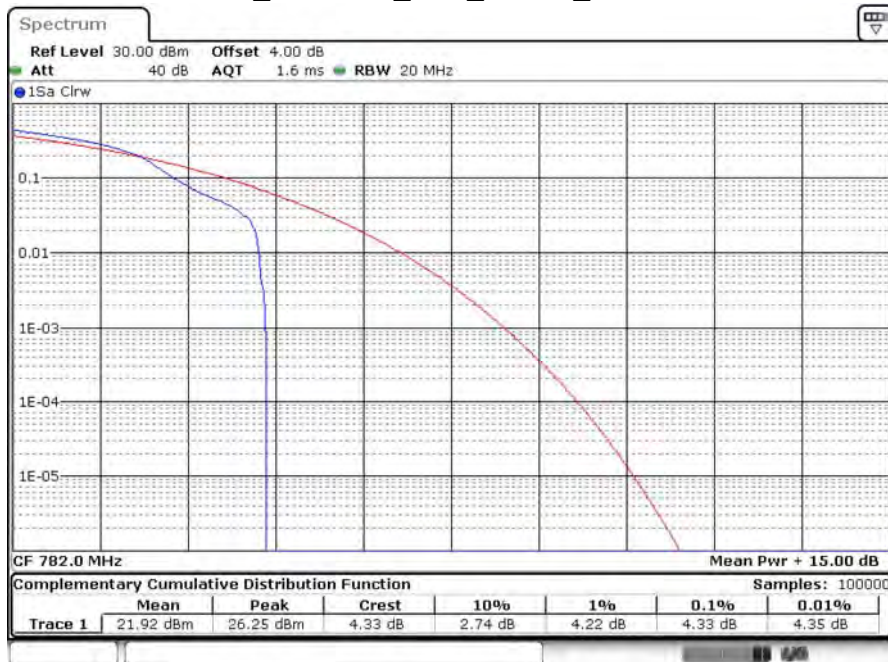
Date: 18.DEC.2019 15:51:26

### 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

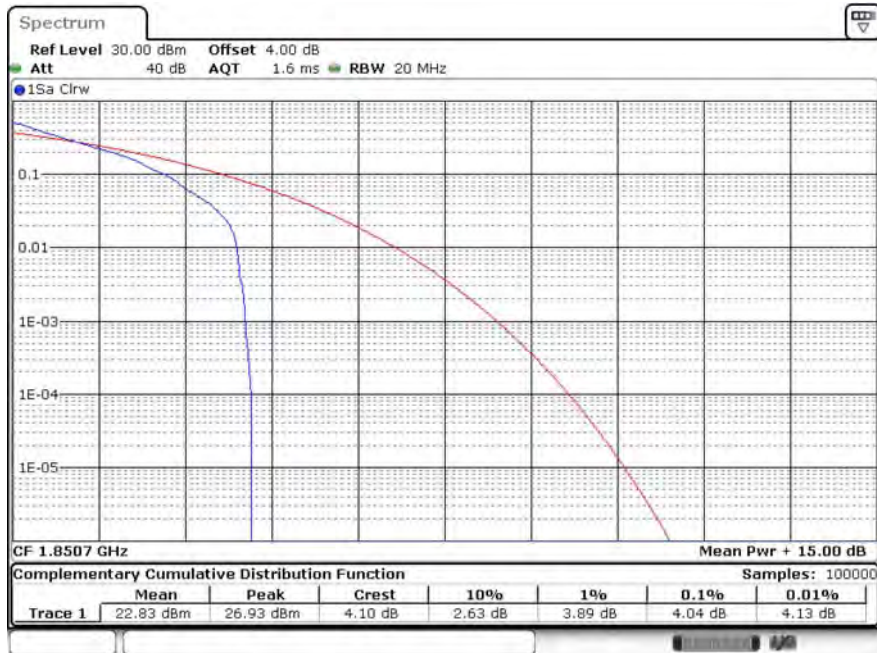
Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 6: LTE Band 25		
Date of Test	2019/12/18	Test Site	SR12-H
Temperature (°C)	22.0°C	Humidity (%RH)	59%RH

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



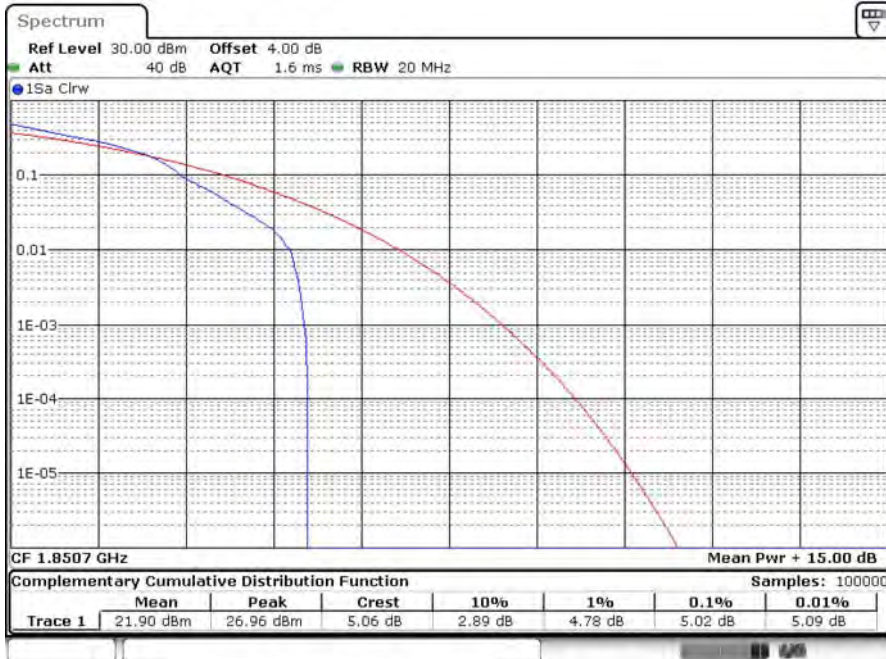
Band width (MHz)	Channel	Frequency (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
15M	26115	1857.5	QPSK	27.28	22.65	4.57
			16-QAM	27.19	21.84	5.26
	26365	1882.5	QPSK	26.75	22.44	4.24
			16-QAM	27.19	22.13	4.96
	26615	1907.5	QPSK	26.92	22.50	4.33
			16-QAM	27.00	21.66	5.24
20M	26140	1860	QPSK	27.28	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



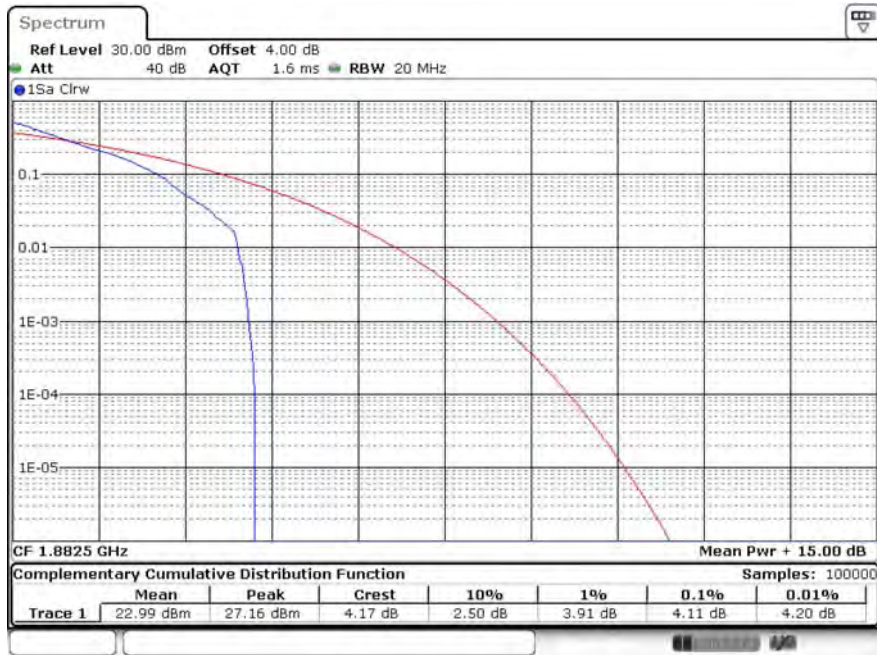
Date: 18.DEC.2019 15:57:24

B25\_CH26047\_1.4M\_1RB2\_16-QAM



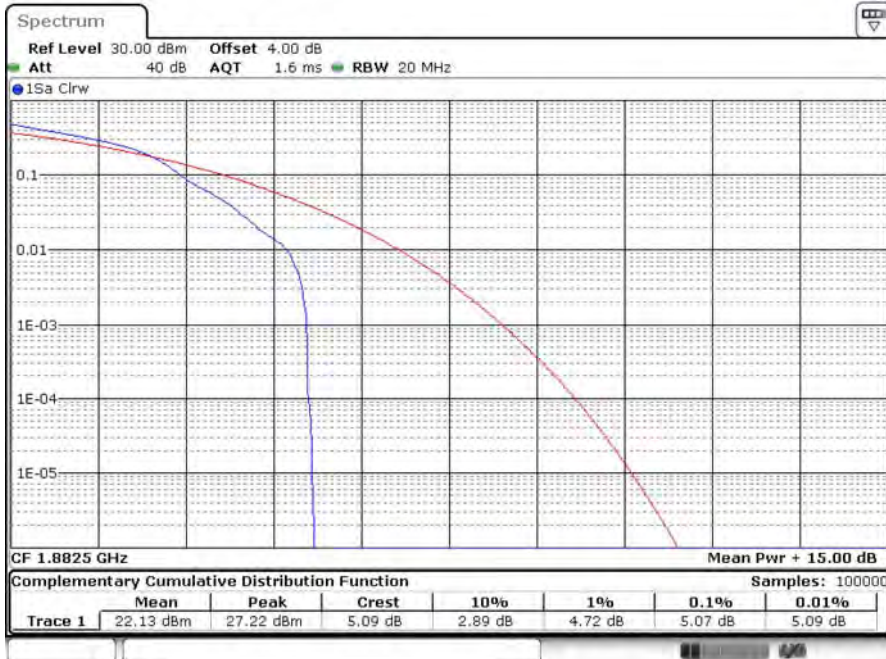
Date: 18.DEC.2019 15:56:53

B25\_CH26365\_1.4M\_1RB2\_QPSK



Date: 18.DEC.2019 16:34:45

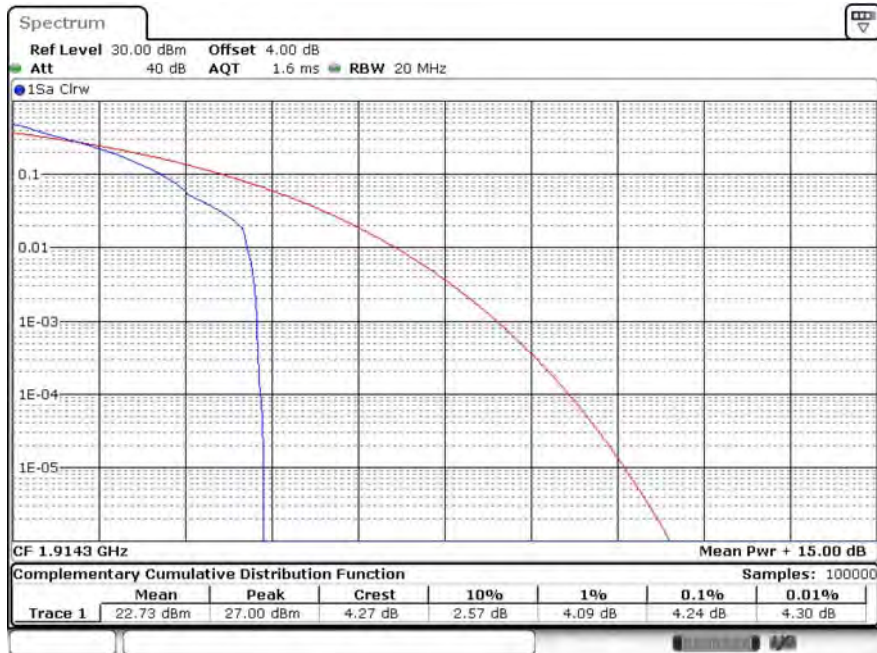
B25\_CH26365\_1.4M\_1RB2\_16-QAM



Date: 18.DEC.2019 16:34:53

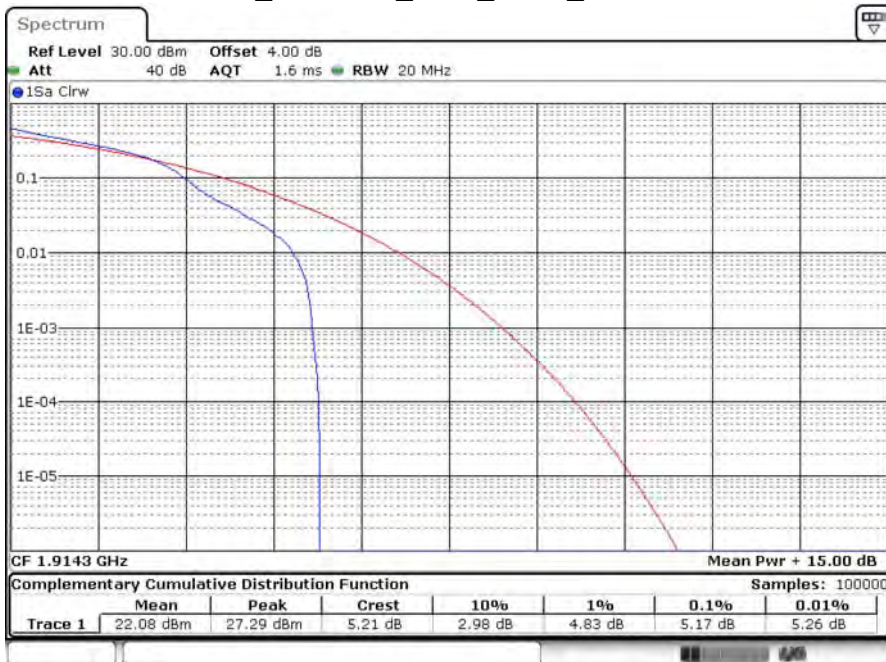


B25\_CH26683\_1.4M\_1RB2\_QPSK



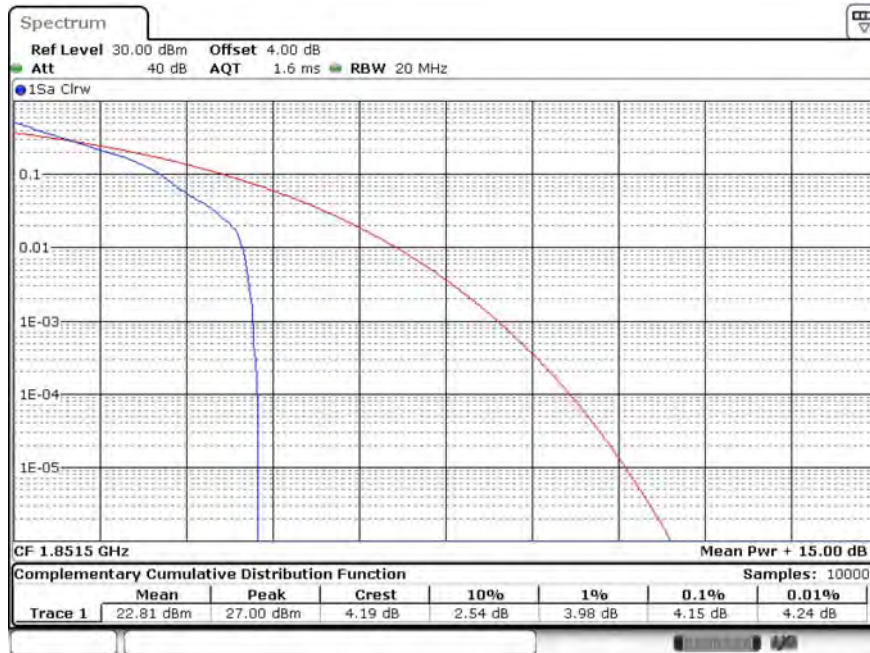
Date: 18.DEC.2019 16:36:09

B25\_CH26683\_1.4M\_1RB2\_16-QAM



Date: 18.DEC.2019 16:36:02

### B25\_CH26055\_3M\_1RB7\_QPSK



Date: 18.DEC.2019 16:39:20

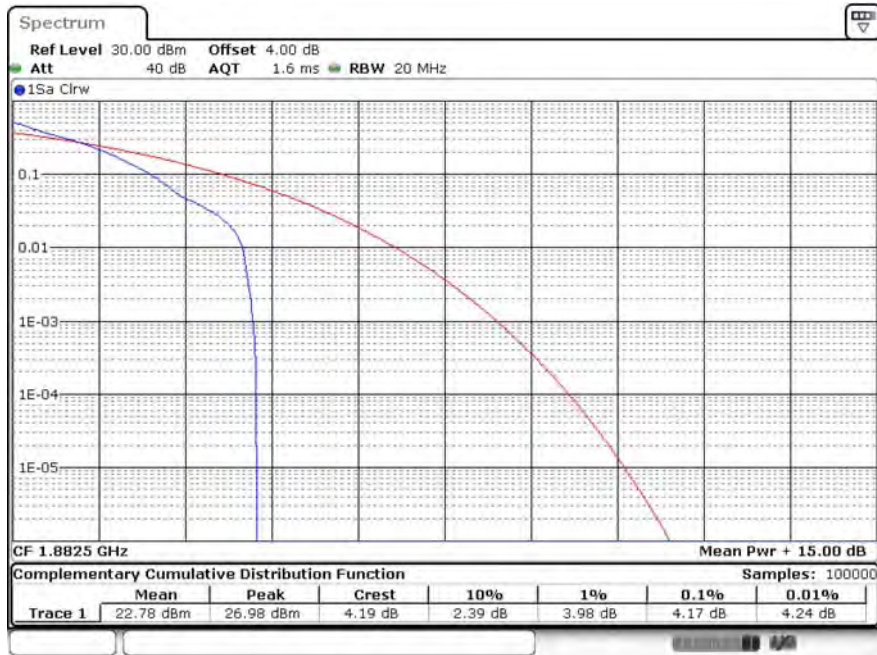
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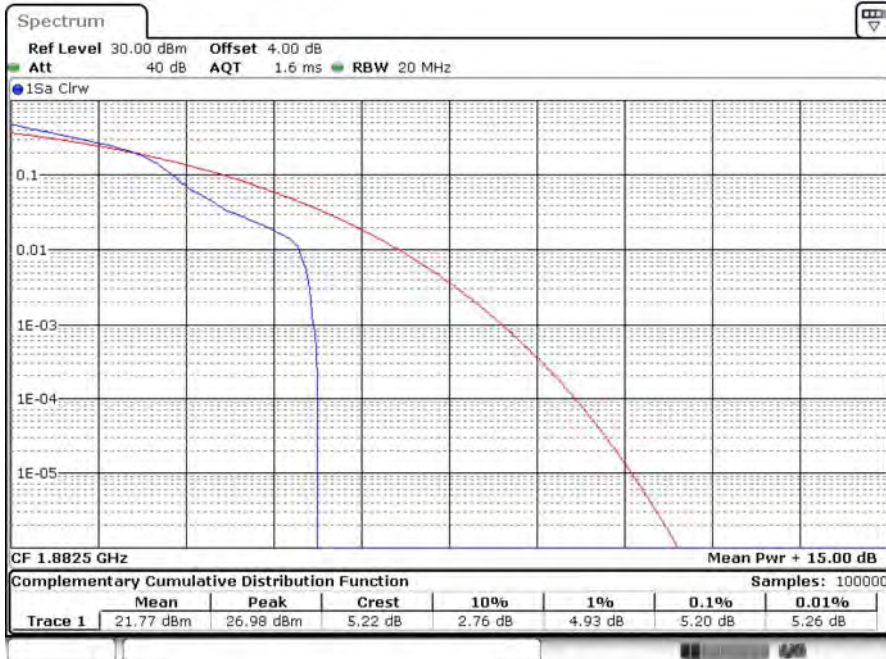


B25\_CH26365\_3M\_1RB7\_QPSK



Date: 18.DEC.2019 16:47:02

B25\_CH26365\_3M\_1RB7\_16-QAM



Date: 18.DEC.2019 16:46:52



B25\_CH26675\_3M\_1RB7\_QPSK



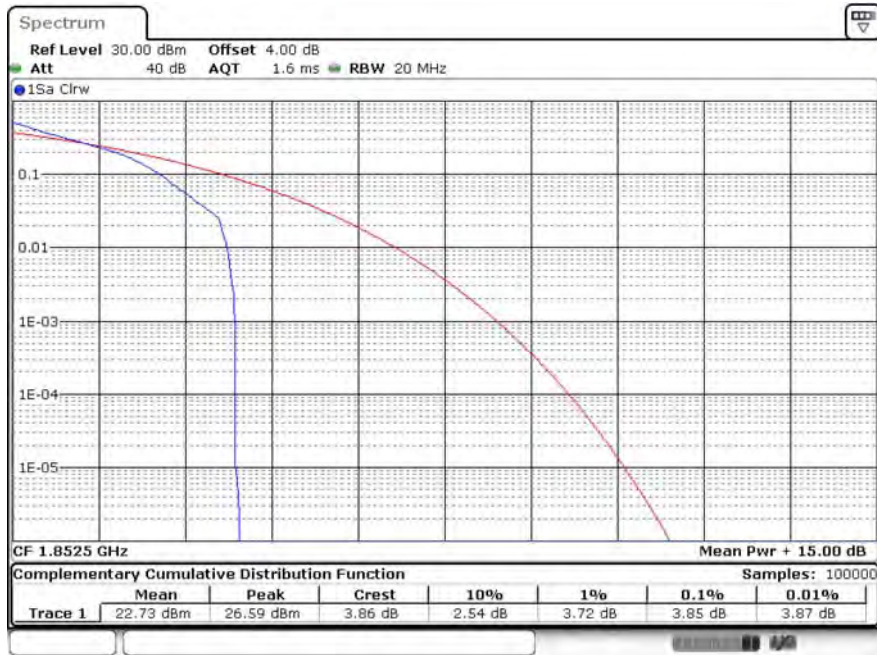
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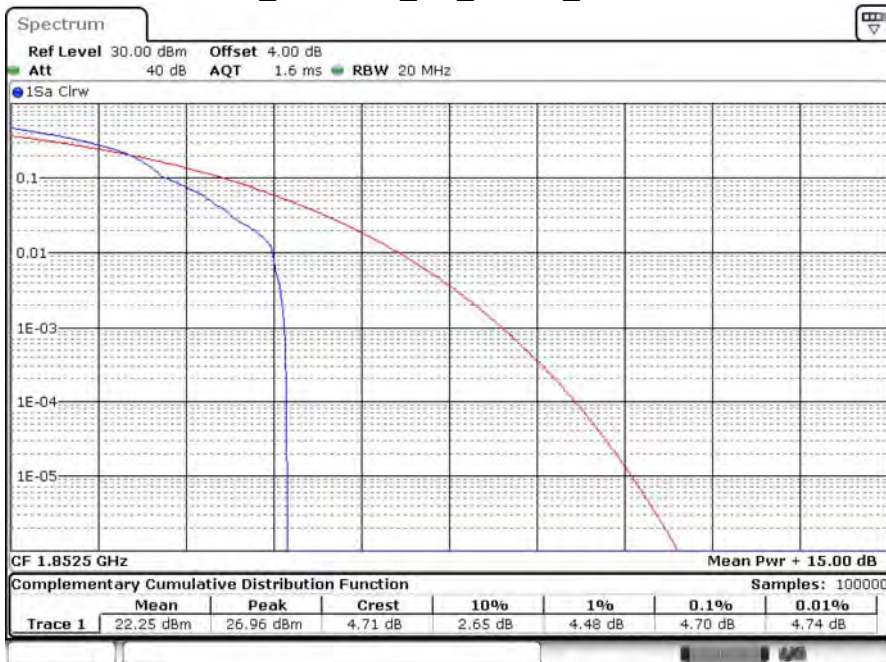
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B25\_CH26065\_5M\_1RB12\_QPSK



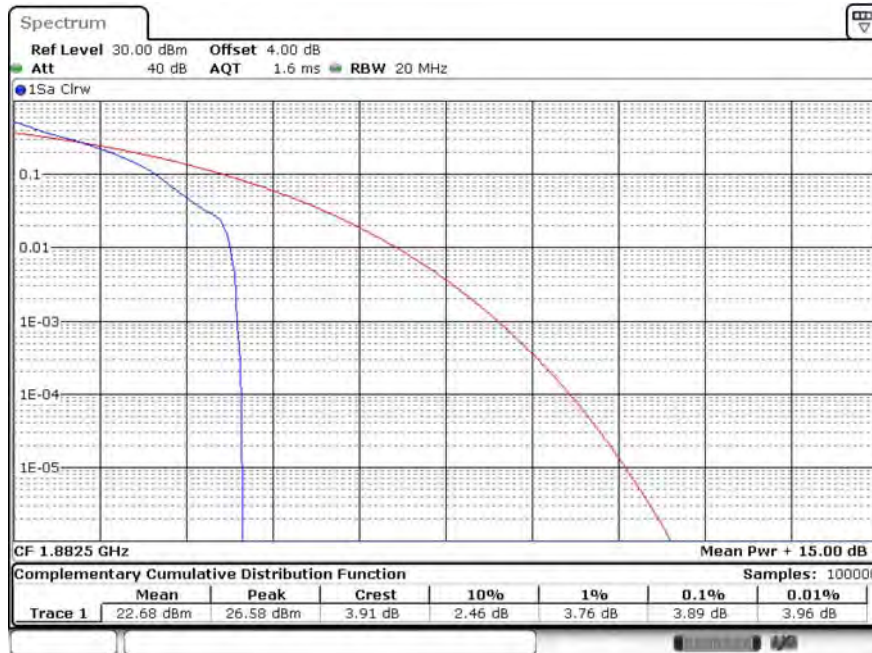
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B25\_CH26065\_5M\_1RB12\_16-QAM



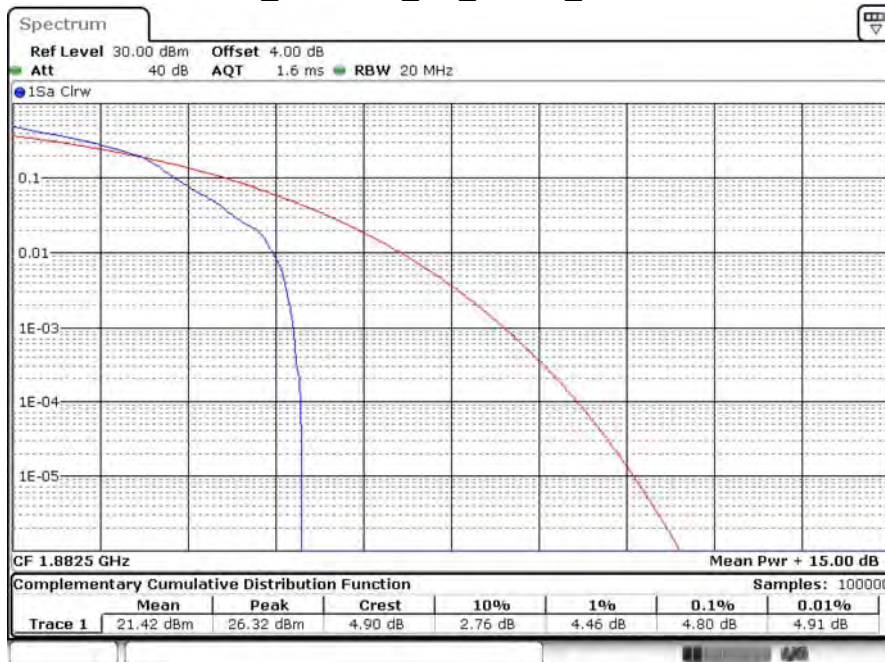
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### B25\_CH26365\_5M\_1RB12\_QPSK



Date: 18.DEC.2019 17:16:41

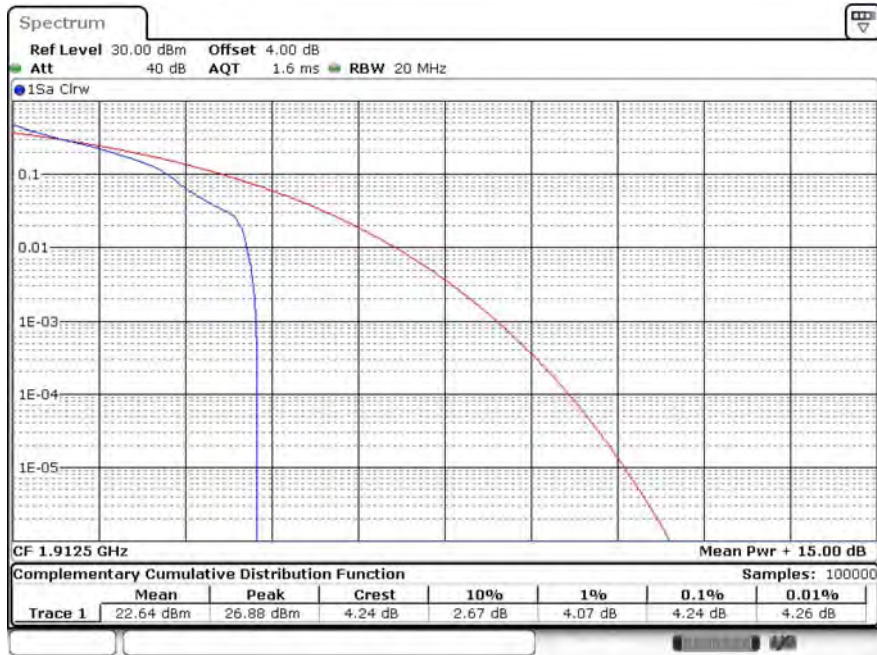
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Date: 18.DEC.2019 17:16:51

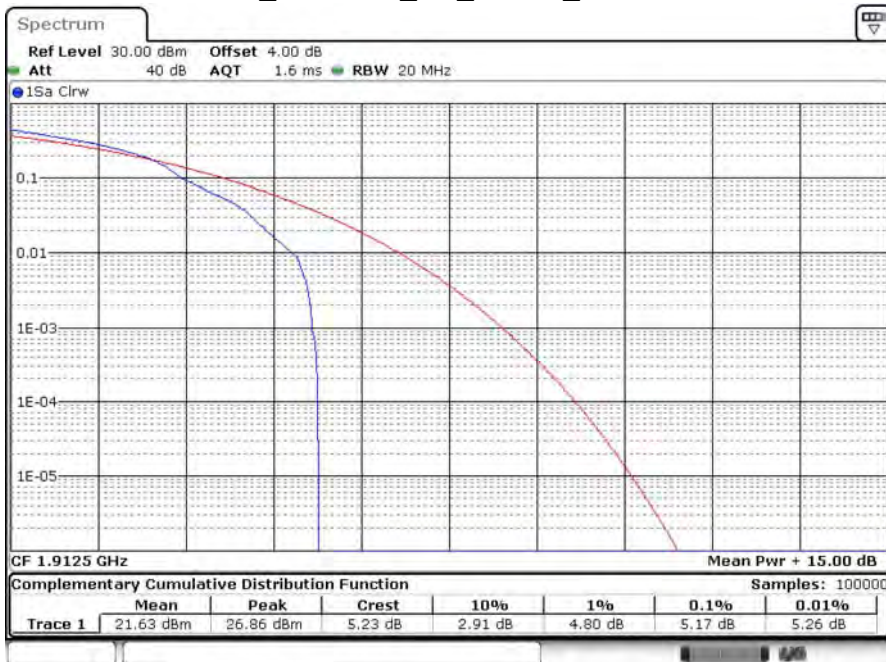


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Date: 18.DEC.2019 17:28:14

### B25\_CH26665\_5M\_1RB12\_16-QAM



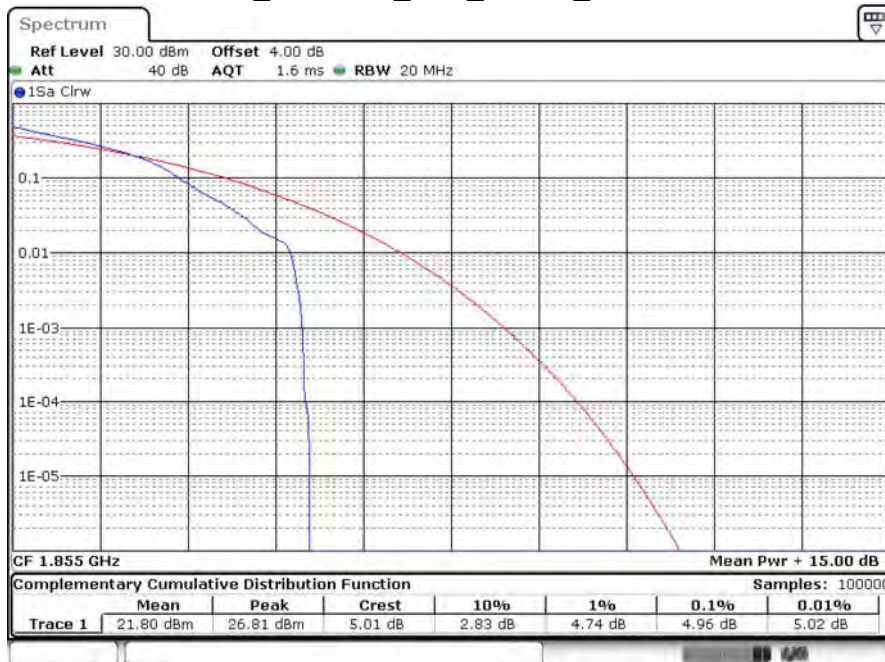
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B25\_CH26090\_10M\_1RB24\_QPSK



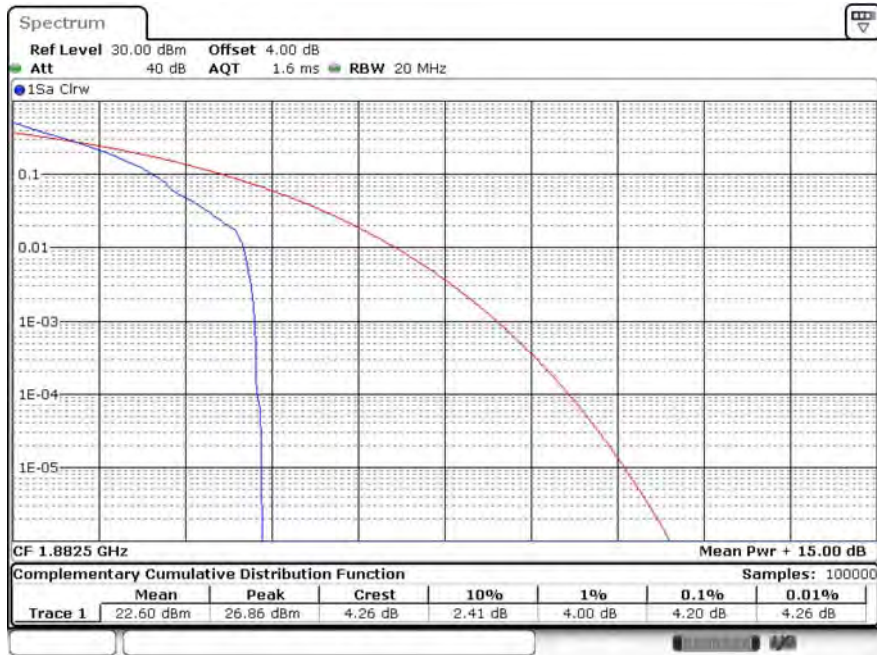
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B25\_CH26090\_10M\_1RB24\_16-QAM



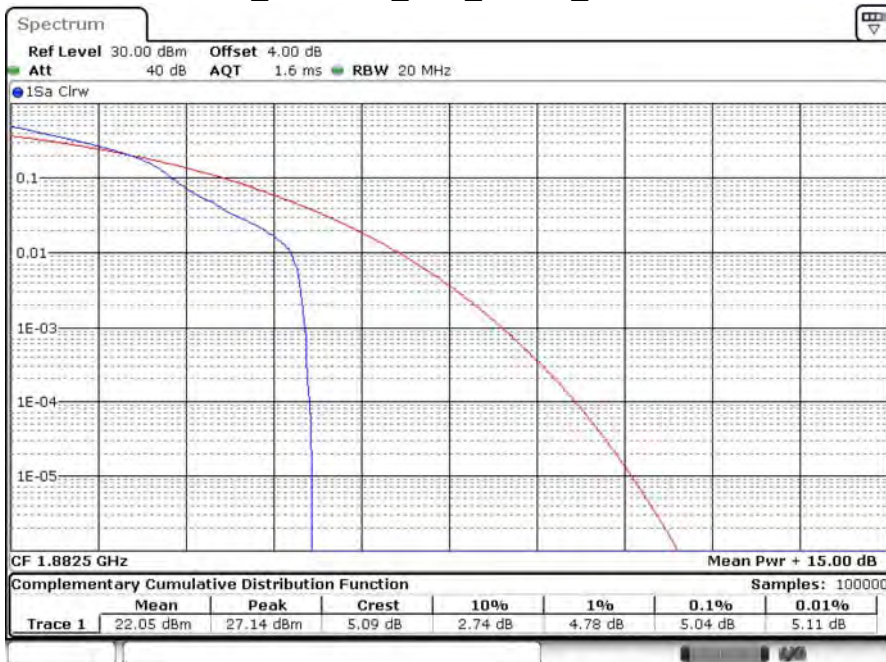
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B25\_CH26365\_10M\_1RB24\_QPSK



Date: 18.DEC.2019 17:37:46

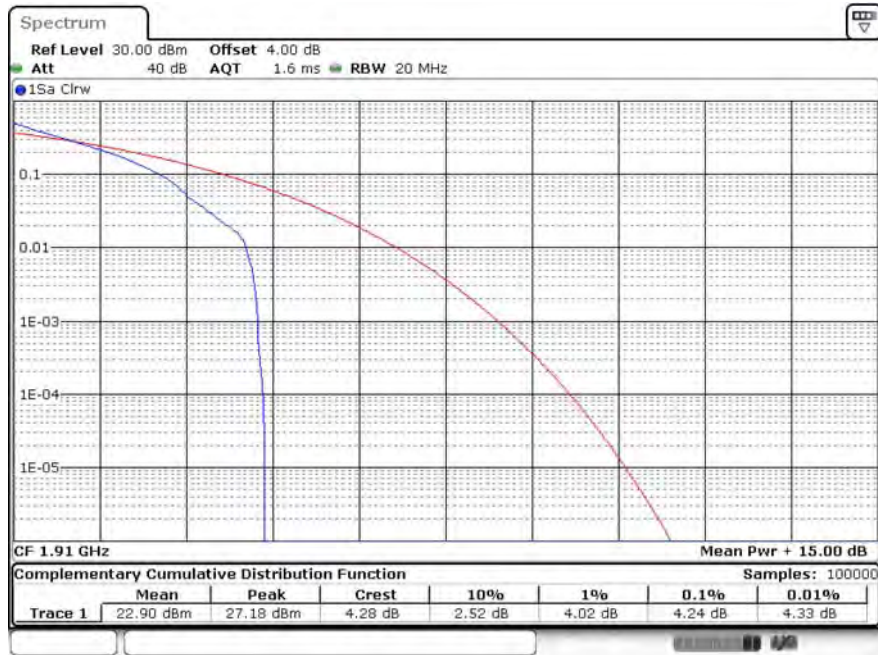
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Date: 18.DEC.2019 17:33:52

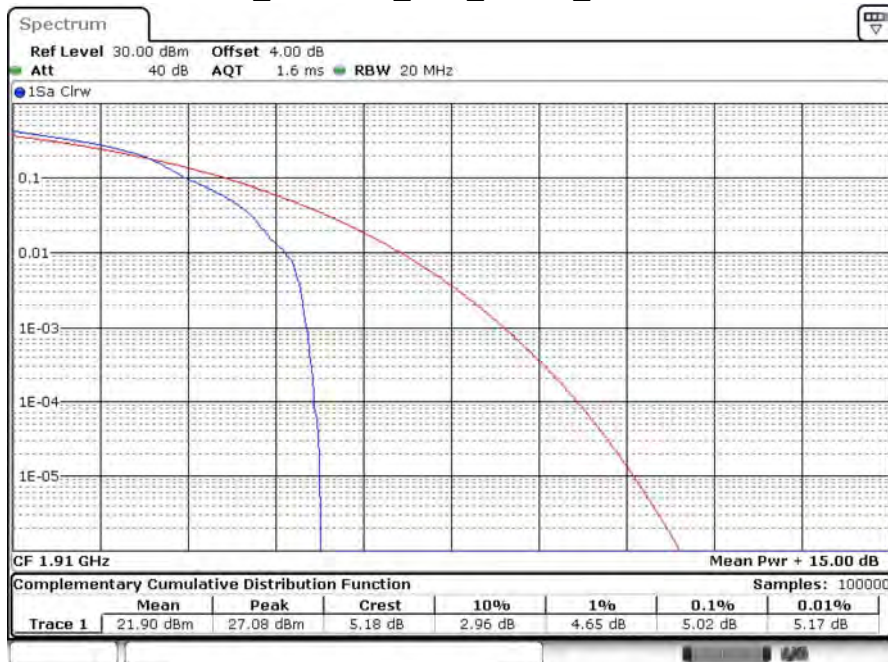


B25\_CH26640\_10M\_1RB24\_QPSK



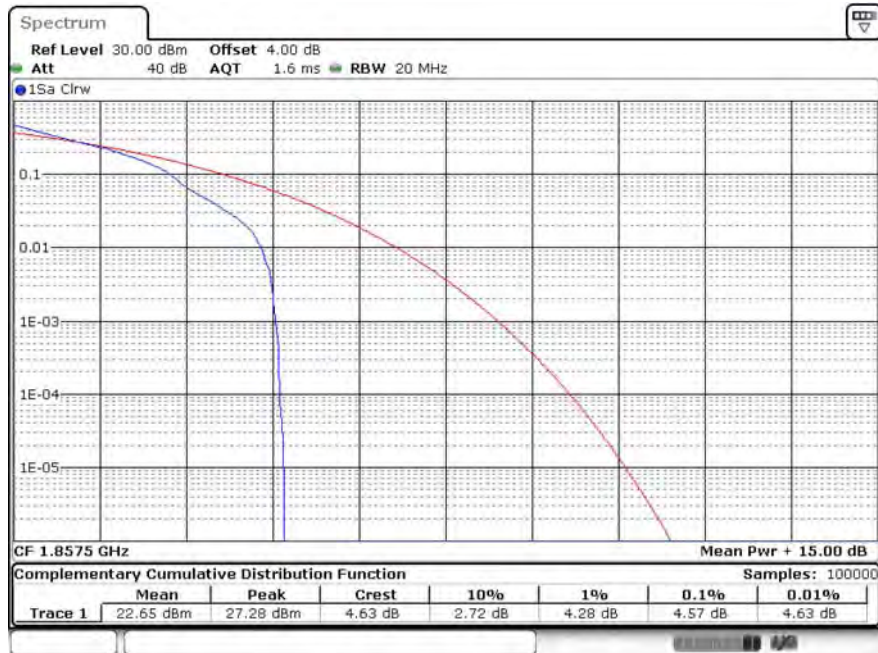
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B25\_CH26640\_10M\_1RB24\_16-QAM



Date: 18.DEC.2019 17:39:41

### B25\_CH26115\_15M\_1RB37\_QPSK



Date: 18.DEC.2019 17:41:18

### B25\_CH26115\_15M\_1RB37\_16-QAM



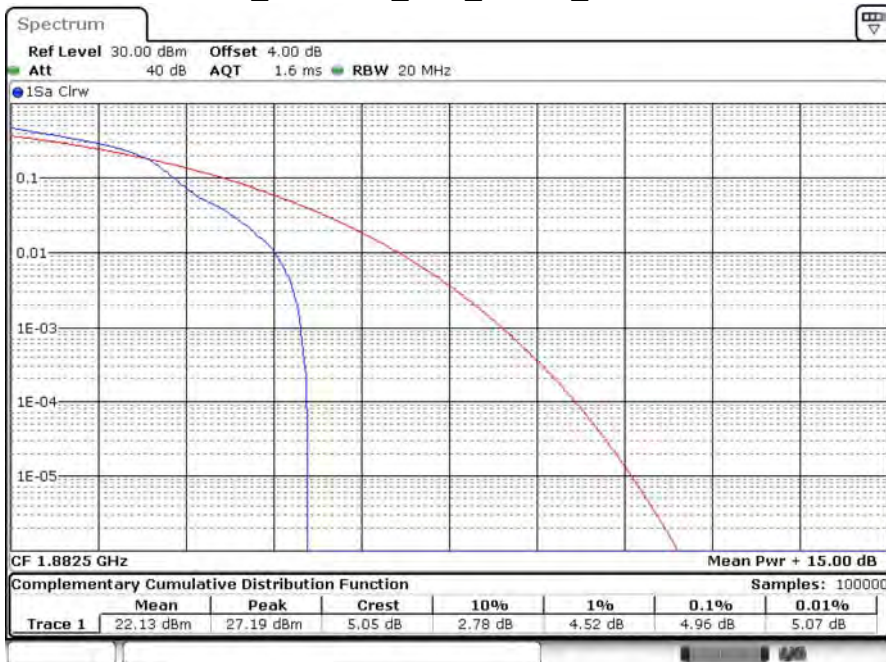
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B25\_CH26365\_15M\_1RB37\_QPSK



Date: 18.DEC.2019 17:55:39

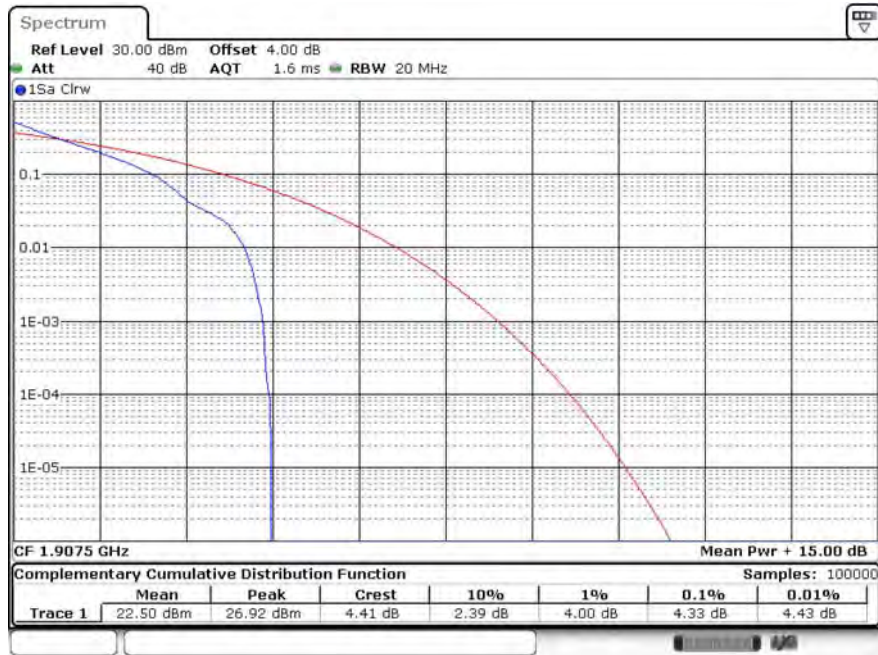
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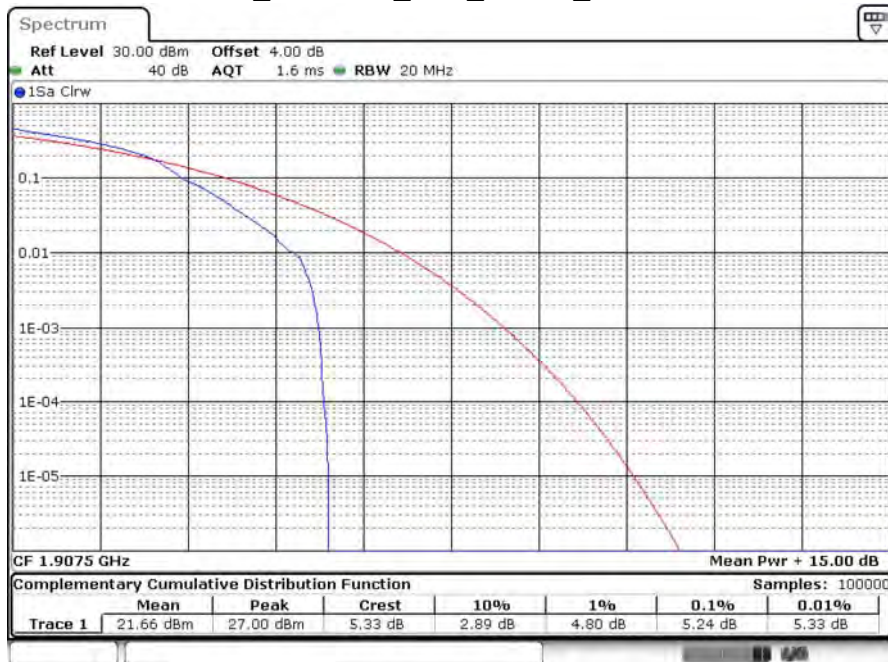


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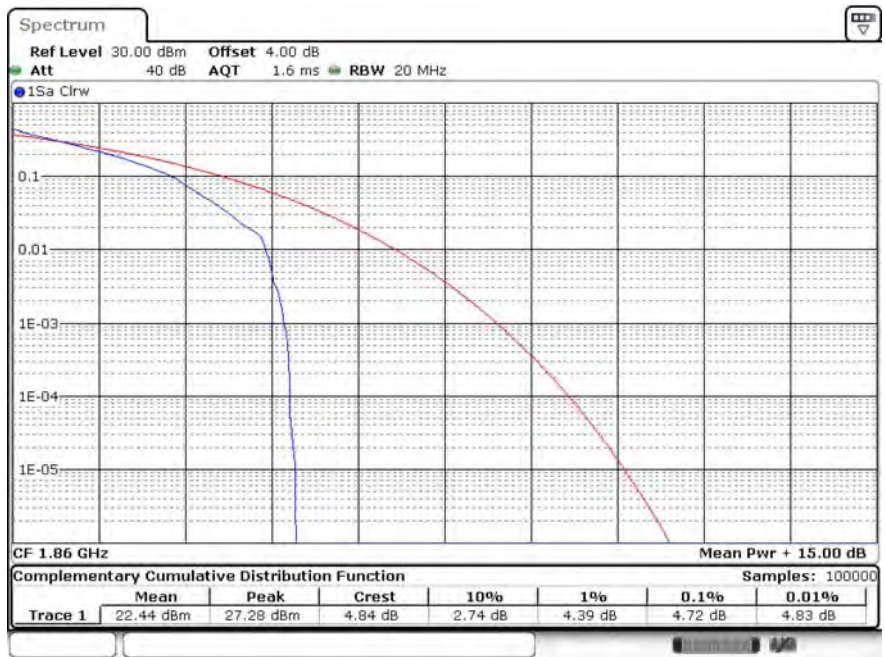
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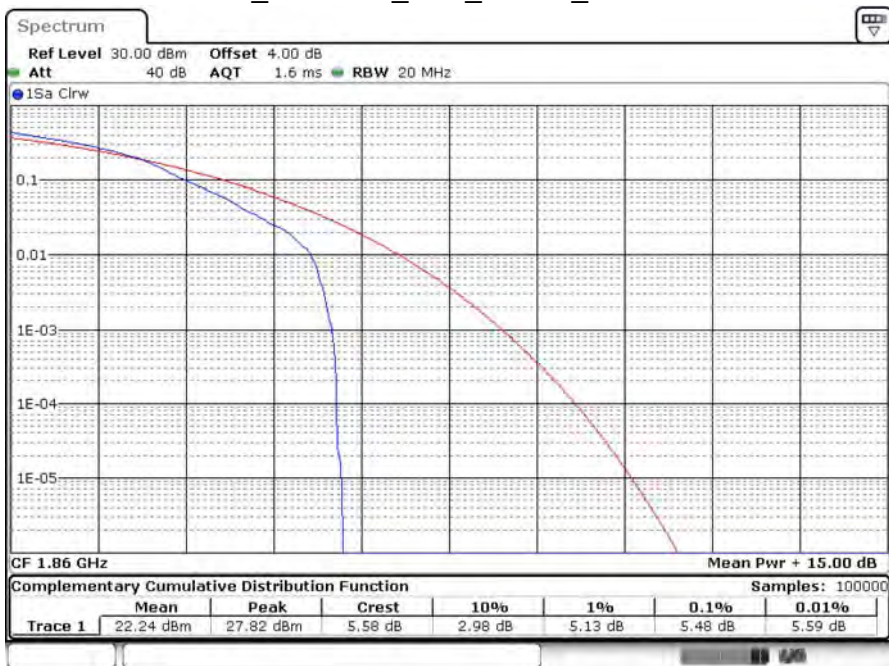
Date: 18.DEC.2019 17:56:16

### B25\_CH26140\_20M\_1RB49\_QPSK



Date: 18.DEC.2019 17:59:28

### B25\_CH26140\_20M\_1RB49\_16-QAM



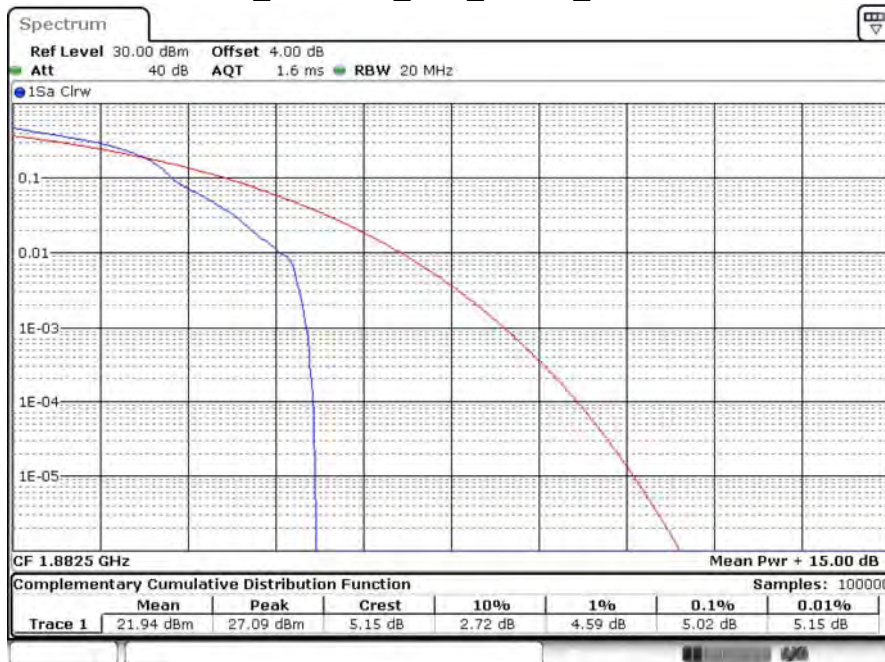
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### B25\_CH26365\_20M\_1RB49\_QPSK



Date: 18.DEC.2019 18:51:03

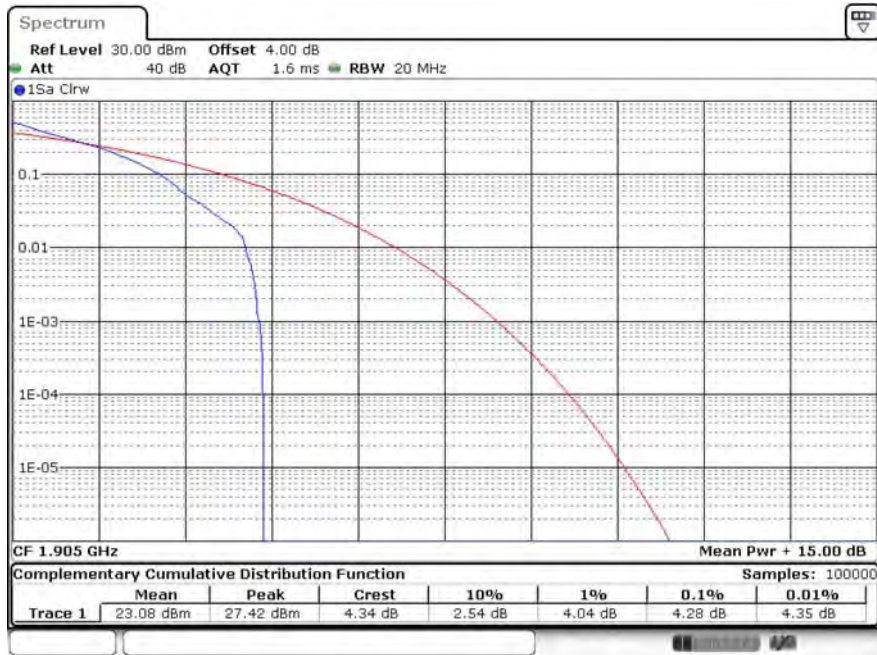
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Date: 18.DEC.2019 18:38:26

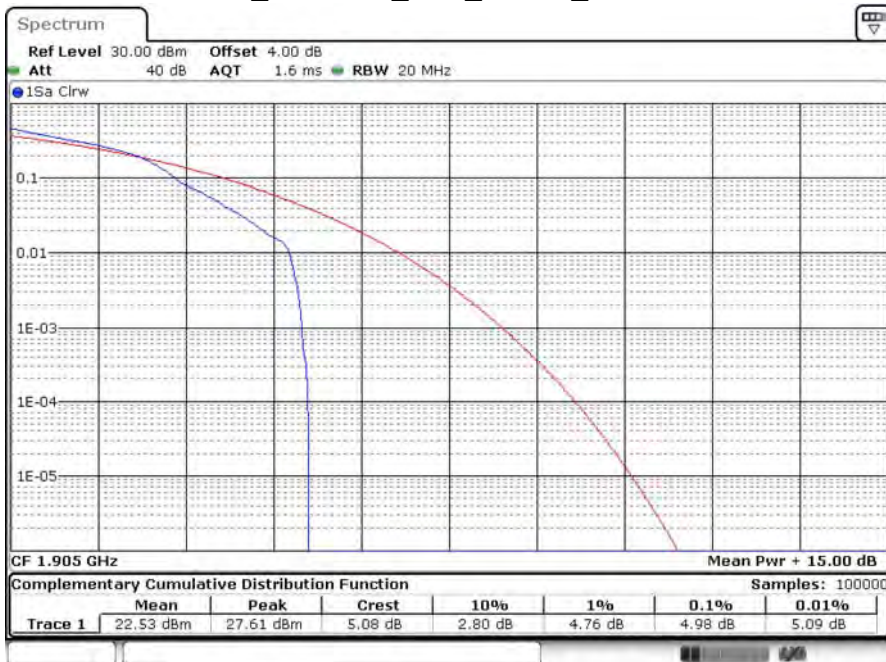


B25\_CH26590\_20M\_1RB49\_QPSK



Date: 18.DEC.2019 18:51:33

B25\_CH26590\_20M\_1RB49\_16-QAM



Date: 18.DEC.2019 18:51:54