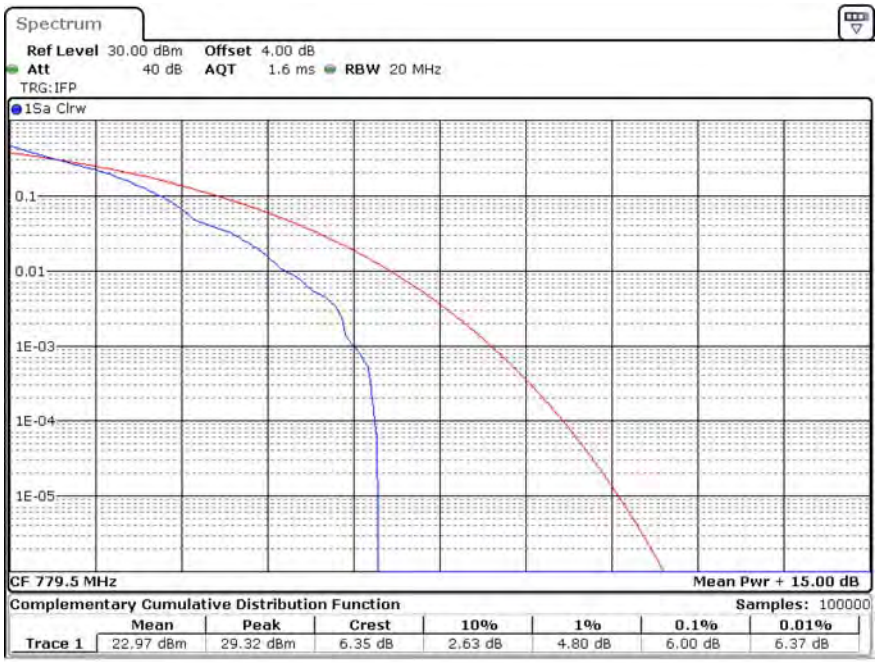
Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 5：LTE Cat-M1_Band 13		
Date of Test	2020/02/10	Test Site	SR12-H
Temperature (°C)	18.0	Humidity (%RH)	55.0

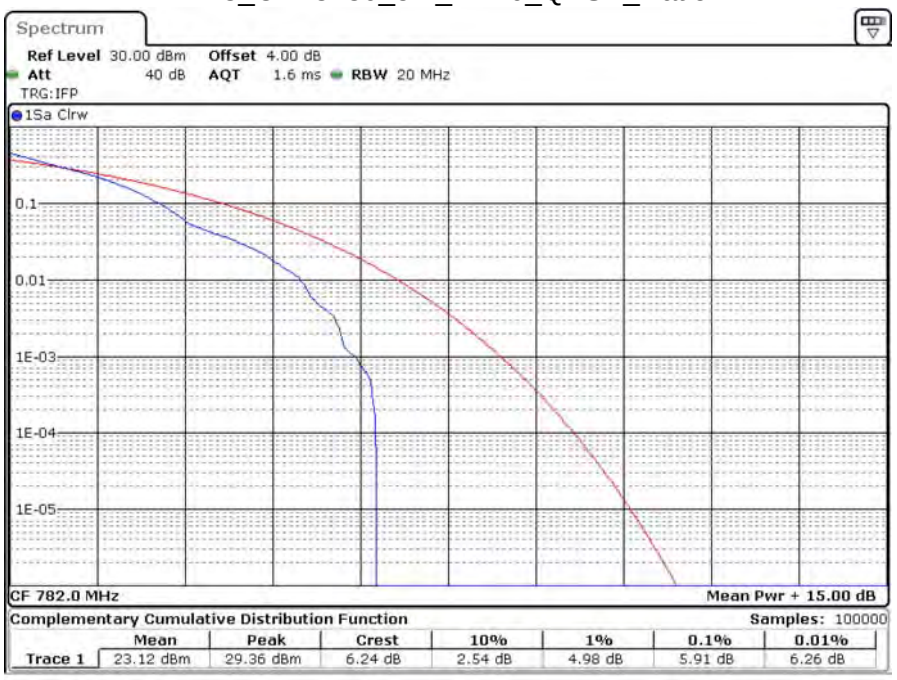
Band width (MHz)	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
5M	23205	779.5	QPSK	29.32	22.97	6.00
			16-QAM	30.19	22.93	7.02
	23230	782	QPSK	29.36	23.12	5.91
			16-QAM	30.14	22.87	7.04
	23255	784.5	QPSK	29.87	23.15	6.35
			16-QAM	30.58	23.33	7.09
10M	23230	782_1RB Low	QPSK	29.05	22.68	6.00
			16-QAM	29.81	22.55	7.04
	23230	782_1RB High	QPSK	29.14	22.83	6.00
			16-QAM	29.89	22.60	6.98

B13_CH23205_5M_1RB0_QPSK_Ratio



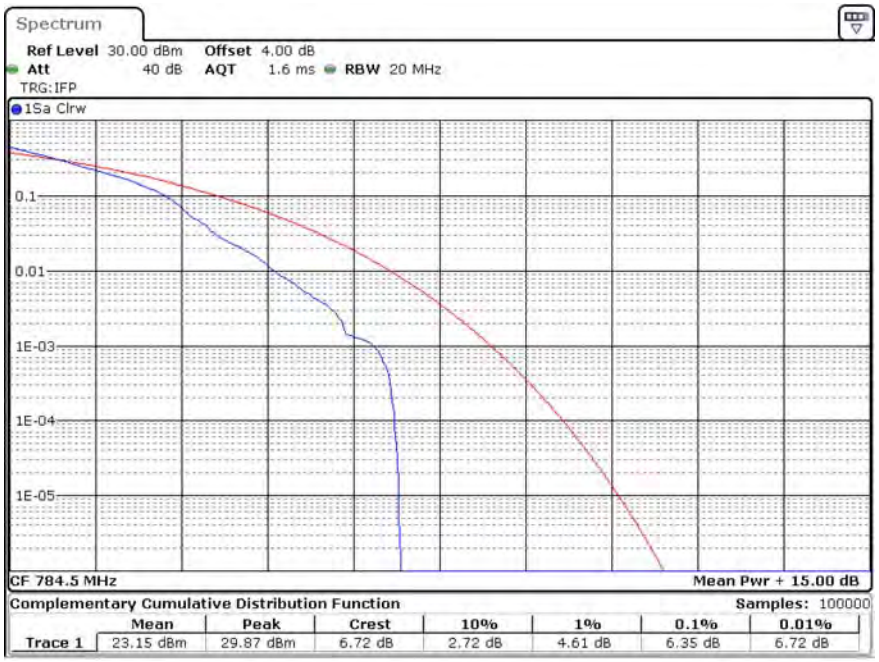
Date: 10.FEB.2020 13:43:53

B13_CH23230_5M_1RB0_QPSK_Ratio



Date: 10.FEB.2020 13:20:44

B13_CH23255_5M_1RB5_QPSK_Ratio

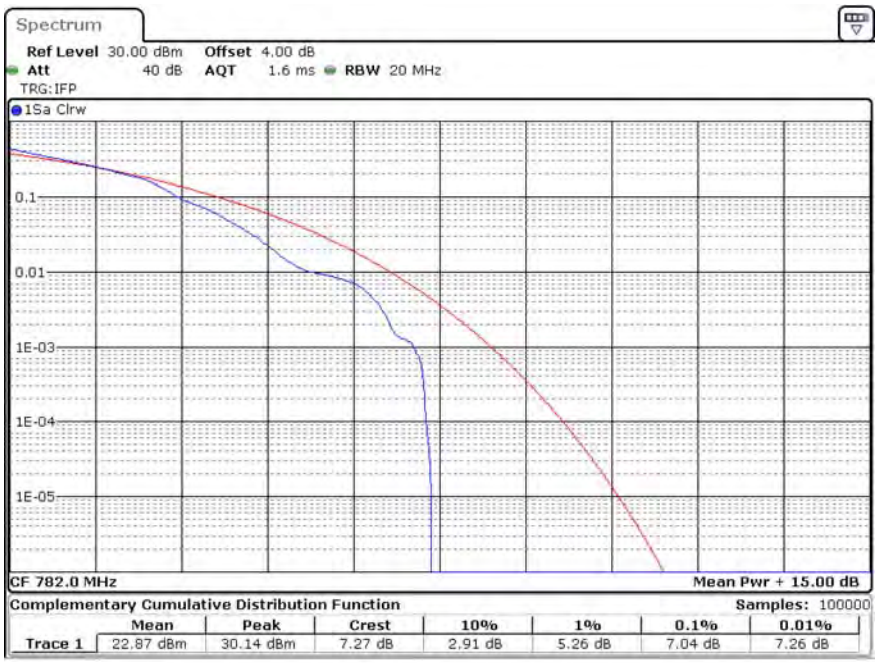


Date: 10.FEB.2020 13:44:39

B13_CH23205_5M_1RB0_16-QAM_Ratio

Date: 10.FEB.2020 13:43:39

B13_CH23230_5M_1RB0_16-QAM_Ratio

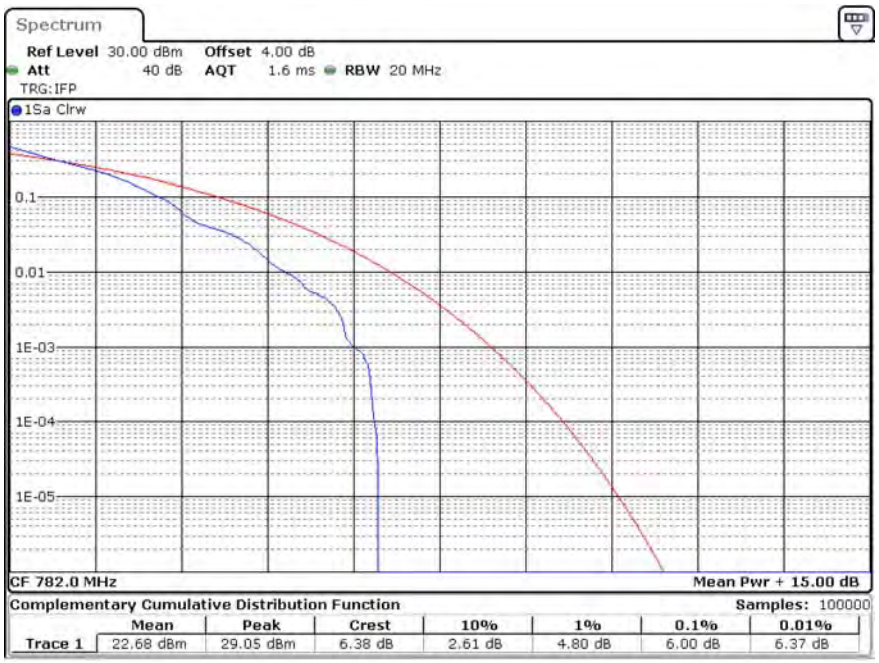


Date: 10.FEB.2020 13:20:58

B13_CH23255_5M_1RB5_16-QAM_Ratio

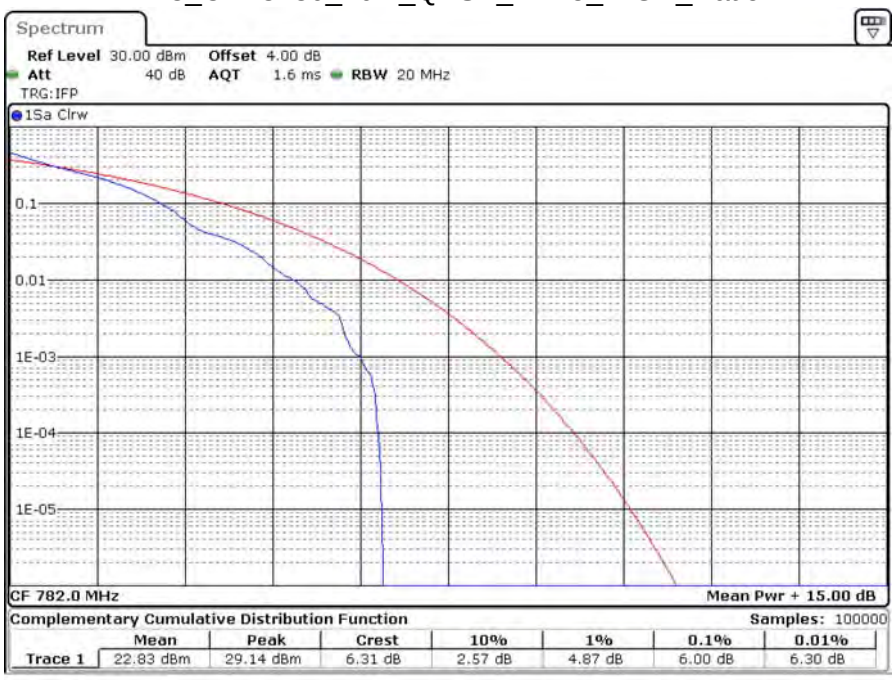
Date: 10.FEB.2020 13:44:53

B13_CH23230_10M_QPSK_1RB0_LOW_Ratio



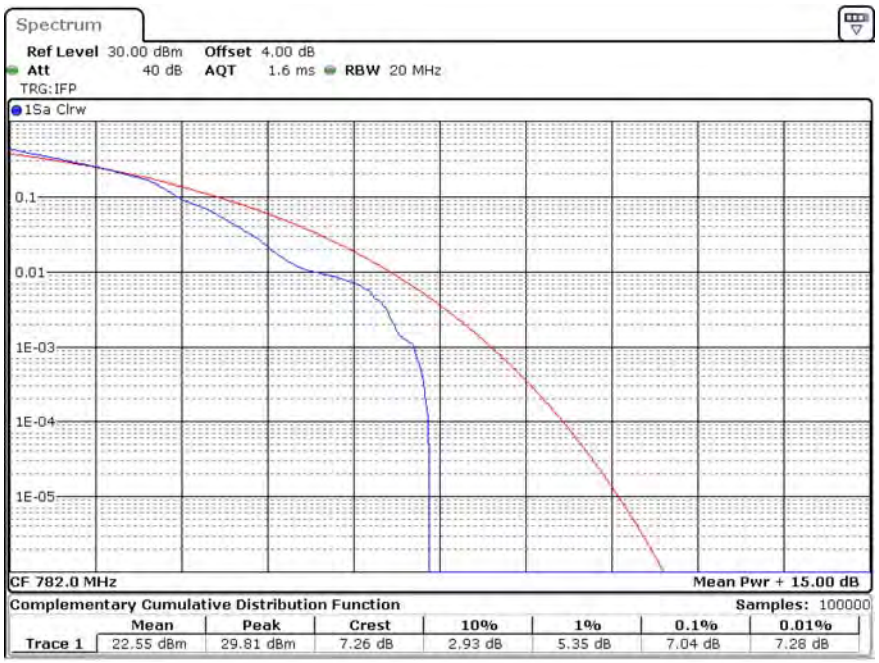
Date: 10.FEB.2020 13:01:20

B13_CH23230_10M_QPSK_1RB5_HIGH_Ratio



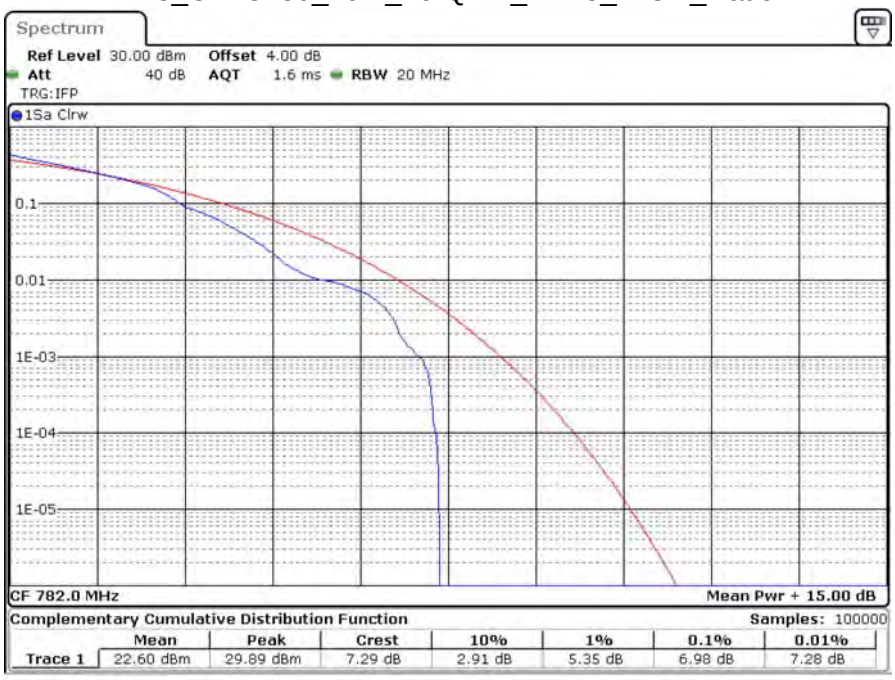
Date: 10.FEB.2020 13:09:03

B13_CH23230_10M_16-QAM_1RB0_LOW_Ratio



Date: 10.FEB.2020 13:04:26

B13_CH23230_10M_16-QAM_1RB5_HIGH_Ratio



Date: 10.FEB.2020 13:08:27

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 6：LTE Cat-M1_Band 25		
Date of Test	2020/02/11	Test Site	SR12-H
Temperature (°C)	20.0	Humidity (%RH)	56.0

Band width (MHz)	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	26047	1850.7	QPSK	28.10	22.99	5.00
			16-QAM	27.55	21.56	5.65
	26365	1882.5	QPSK	28.13	22.91	5.00
			16-QAM	27.14	21.59	5.41
	26683	1914.3	QPSK	28.15	22.79	5.07
			16-QAM	27.09	21.37	5.54
3M	26055	1851.5	QPSK	27.62	22.99	4.52
			16-QAM	28.08	21.76	6.09
	26365	1882.5	QPSK	28.12	22.96	4.96
			16-QAM	27.29	21.74	5.37
	26675	1913.5	QPSK	28.16	22.84	5.04
			16-QAM	28.15	22.84	5.02
5M	26065	1852.5	QPSK	28.12	22.75	5.17
			16-QAM	28.40	22.79	5.52
	26365	1882.5	QPSK	28.16	22.87	5.09
			16-QAM	28.46	22.70	5.61
	26665	1912.5	QPSK	28.24	22.74	5.26
			16-QAM	28.64	22.70	5.76
10M	26090	1855	QPSK	27.57	22.35	5.04
			16-QAM	27.94	22.33	5.48
	26365	1882.5	QPSK	27.90	22.60	5.11
			16-QAM	28.25	22.57	5.54
	26640	1910	QPSK	27.94	22.49	5.24
			16-QAM	28.28	22.49	5.78

Band width (MHz)	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
15M	26115	1857.5	QPSK	26.85	21.63	5.02
			16-QAM	27.25	21.68	5.41
	26365	1882.5	QPSK	27.11	21.83	5.07
			16-QAM	27.42	21.76	5.48
	26615	1907.5	QPSK	27.05	21.58	5.20
			16-QAM	27.45	21.52	5.76
20M	26140	1860	QPSK	26.14	20.77	5.17
			16-QAM	26.43	20.79	5.52
	26365	1882.5	QPSK	26.21	20.91	5.11
			16-QAM	26.50	20.73	5.54
	26590	1905	QPSK	26.26	20.81	5.28
			16-QAM	26.63	21.10	5.41

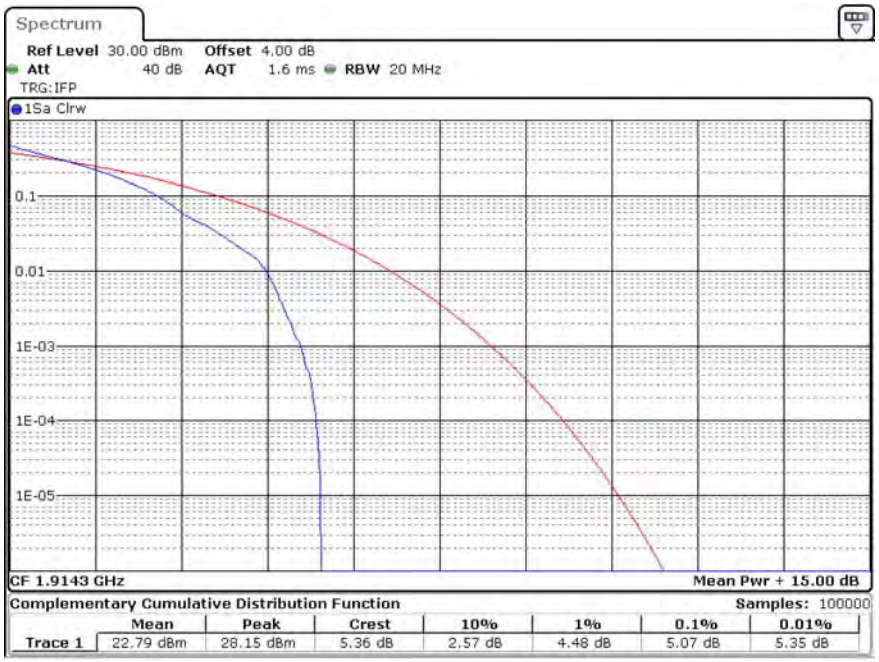
B25_CH26047_1.4M_1RB0_QPSK_Ratio

Date: 11.FEB.2020 15:36:14

B25_CH26365_1.4M_1RB0_QPSK_Ratio

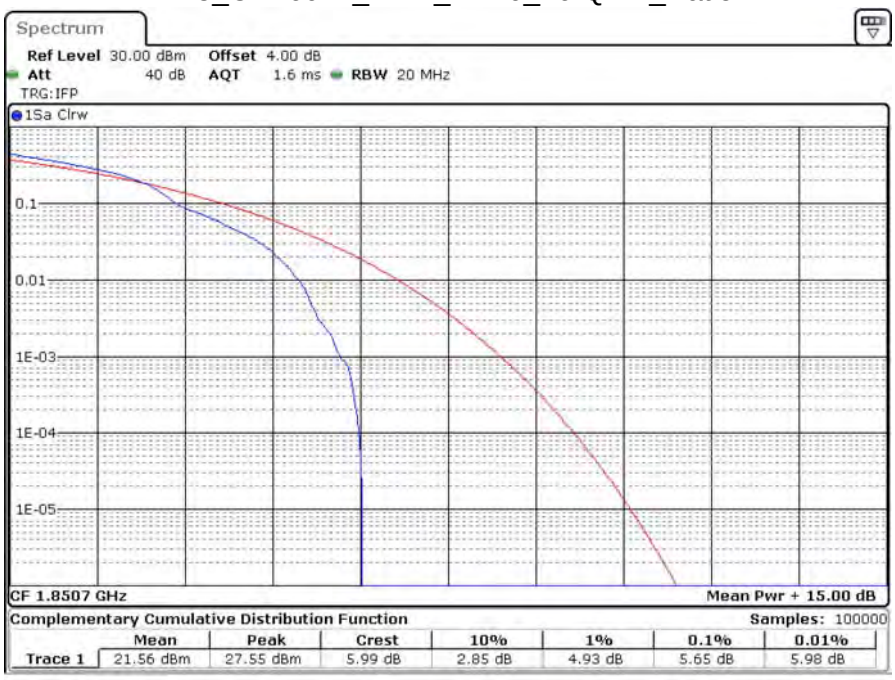
Date: 11.FEB.2020 15:31:04

B25_CH26683_1.4M_1RB5_QPSK_Ratio



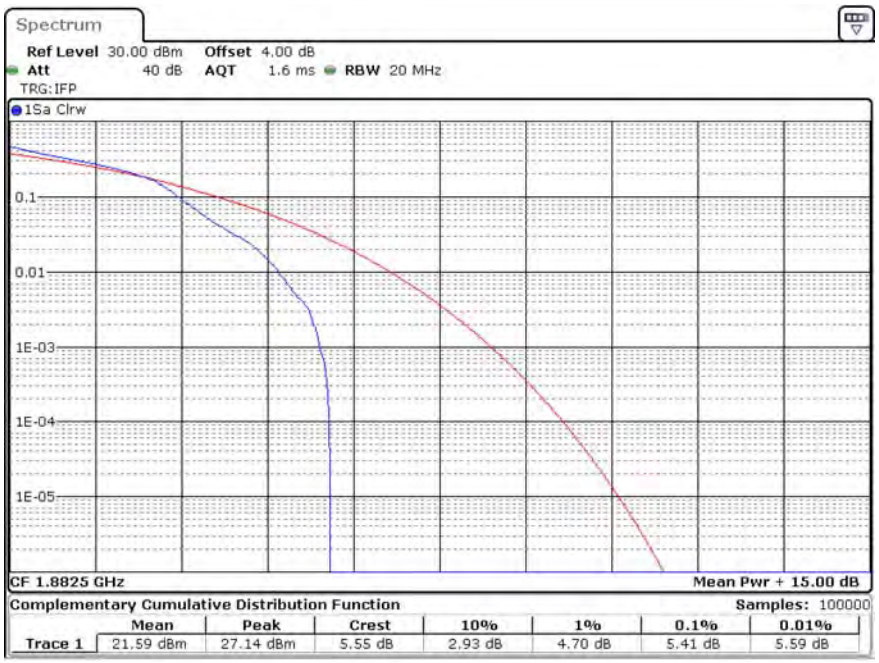
Date: 11.FEB.2020 15:43:45

B25_CH26047_1.4M_1RB0_16-QAM_Ratio



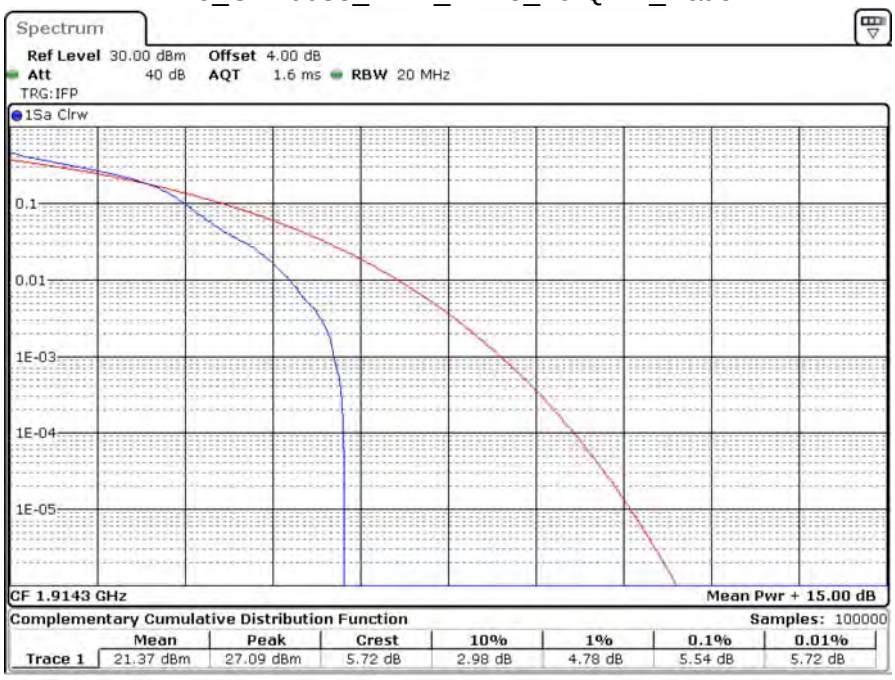
Date: 11.FEB.2020 15:35:26

B25_CH26365_1.4M_1RB0_16-QAM_Ratio



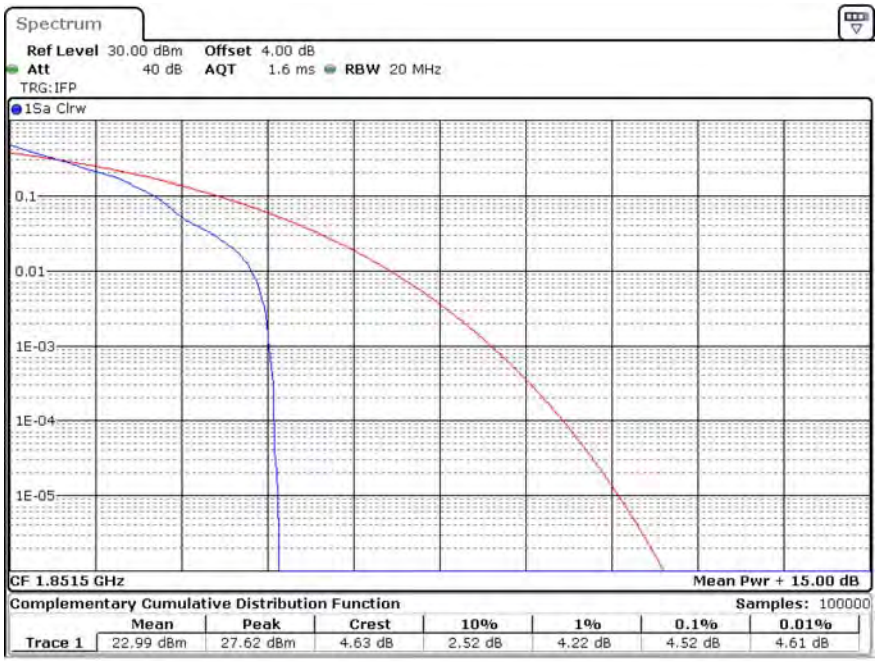
Date: 11.FEB.2020 15:31:16

B25_CH26683_1.4M_1RB5_16-QAM_Ratio



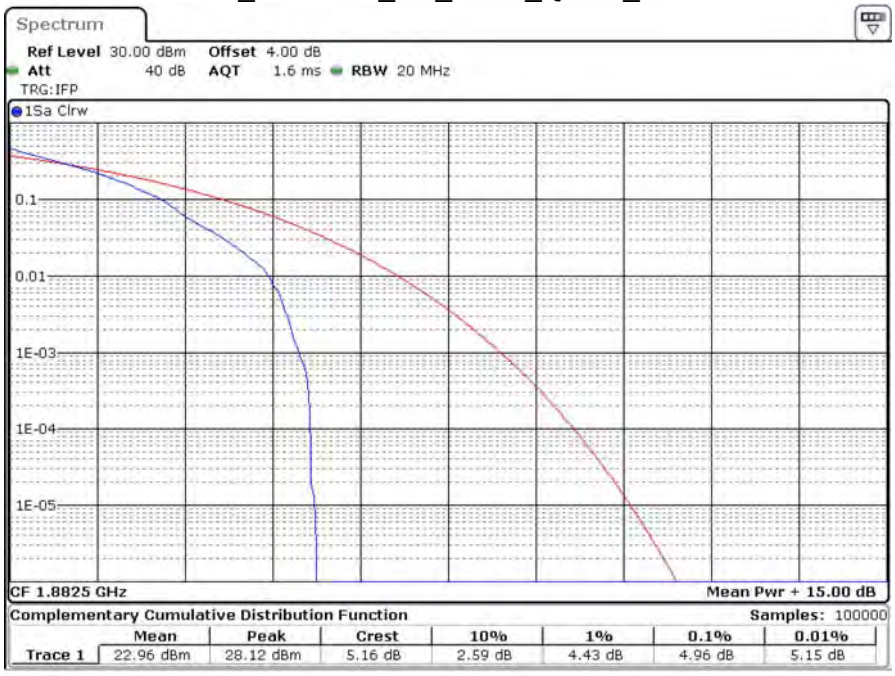
Date: 11.FEB.2020 15:43:58

B25_CH26055_3M_1RB0_QPSK_Ratio



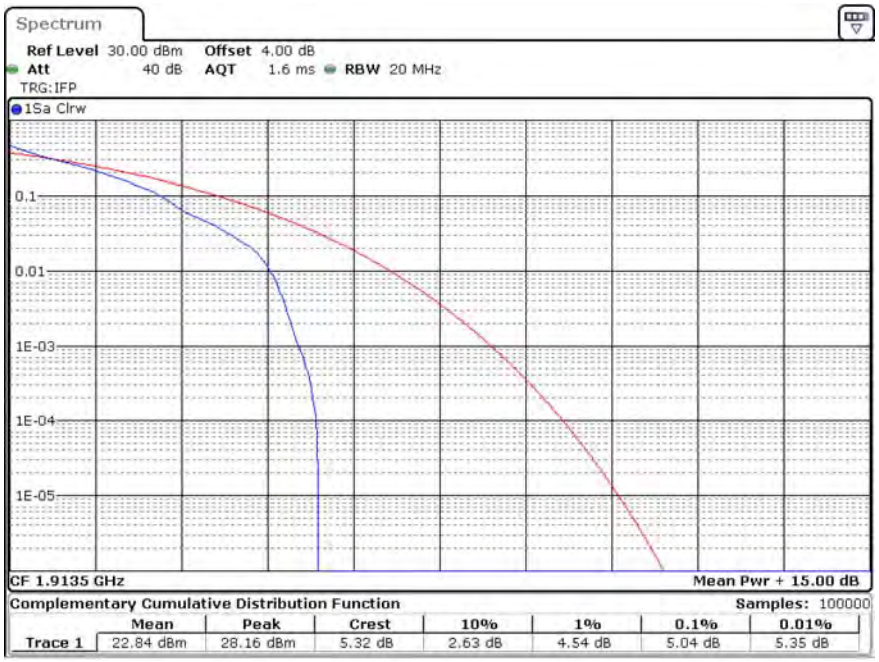
Date: 11.FEB.2020 16:01:31

B25_CH26365_3M_1RB0_QPSK_Ratio



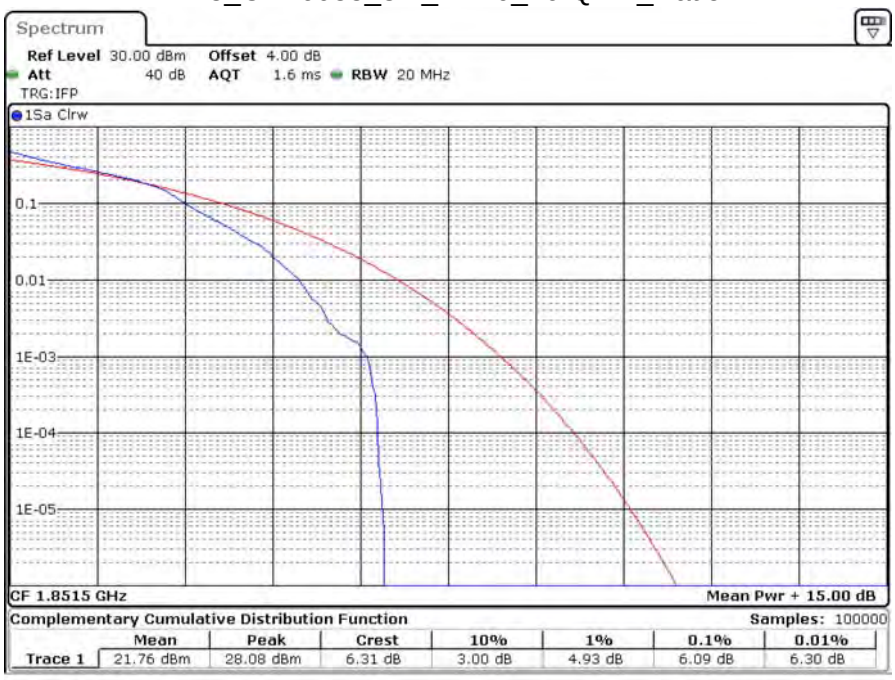
Date: 11.FEB.2020 15:59:57

B25_CH26675_3M_1RB5_QPSK_Ratio



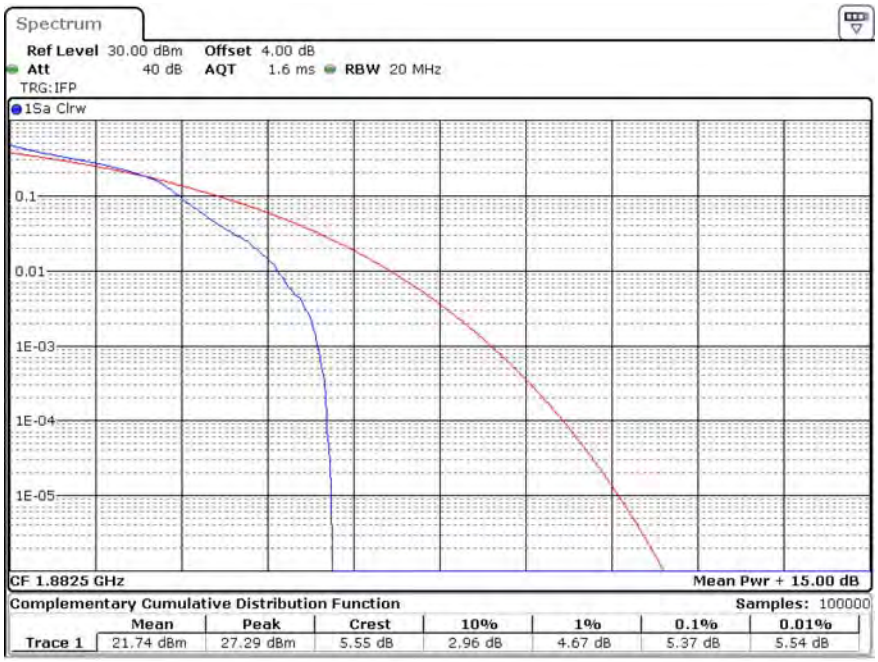
Date: 11.FEB.2020 15:48:40

B25_CH26055_3M_1RB0_16-QAM_Ratio



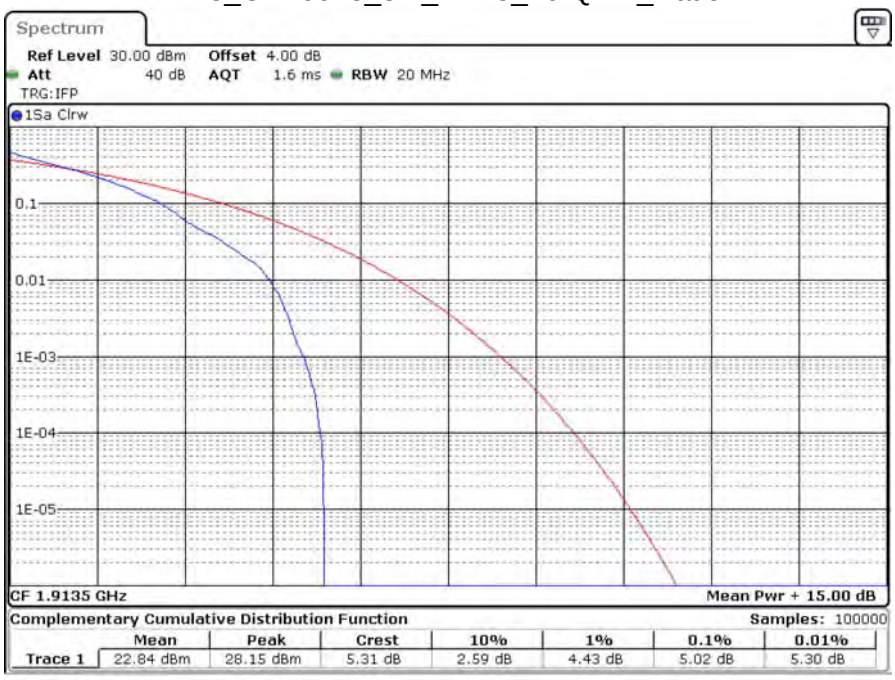
Date: 11.FEB.2020 16:01:16

B25_CH26365_3M_1RB0_16-QAM_Ratio



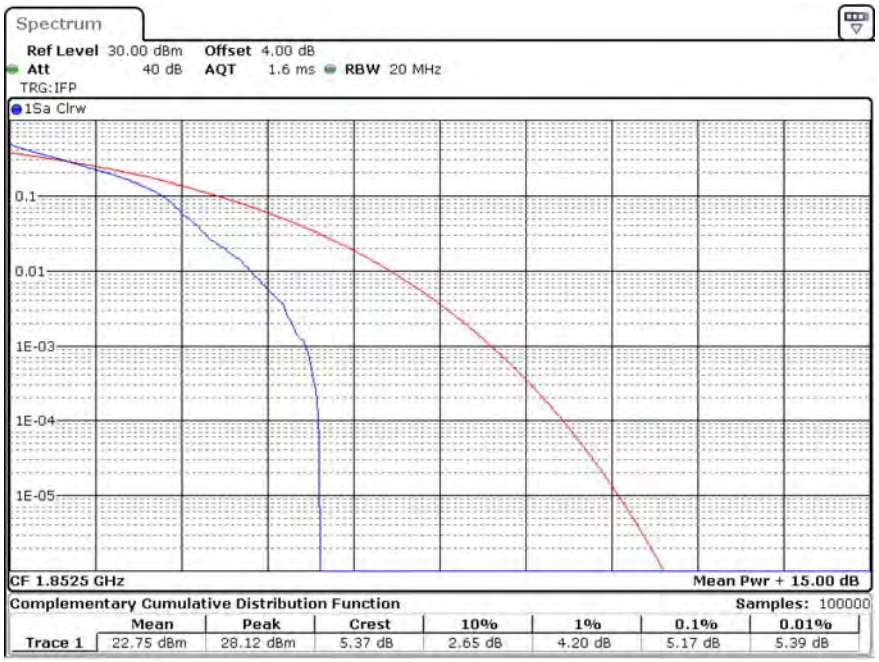
Date: 11.FEB.2020 16:00:11

B25_CH26675_3M_1RB5_16-QAM_Ratio



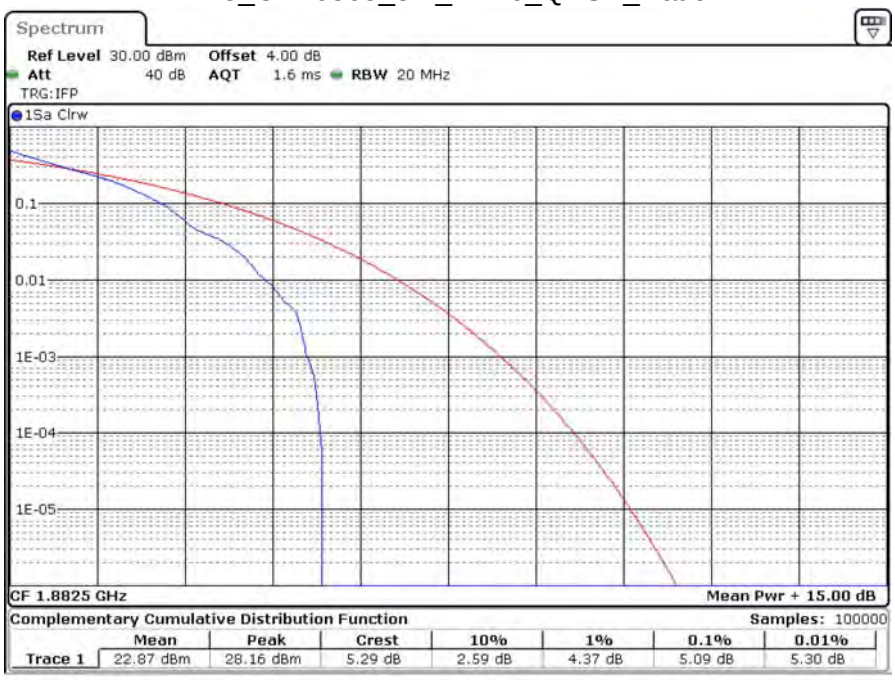
Date: 11.FEB.2020 15:50:32

B25_CH26065_5M_1RB0_QPSK_Ratio



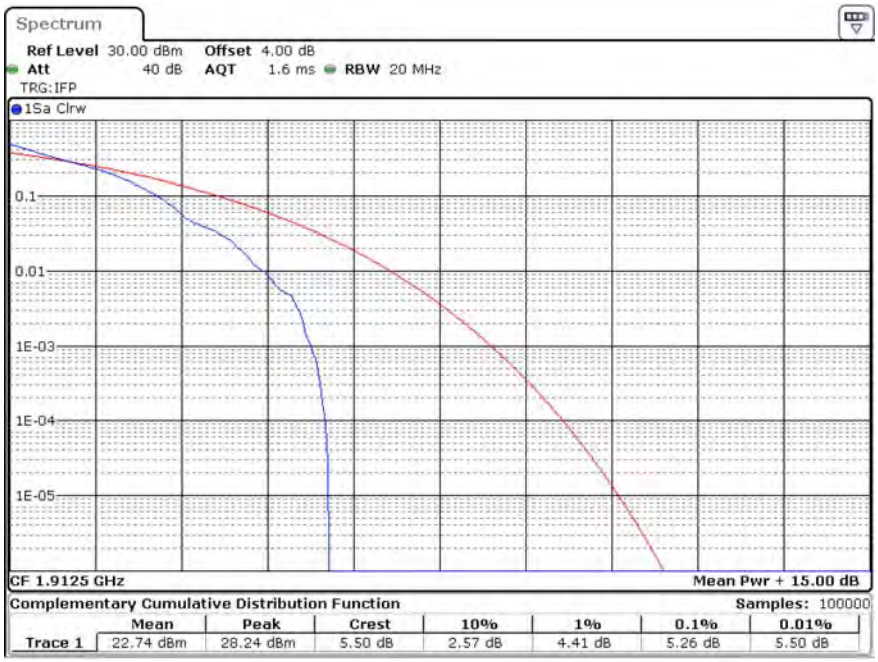
Date: 11.FEB.2020 16:26:03

B25_CH26365_5M_1RB0_QPSK_Ratio



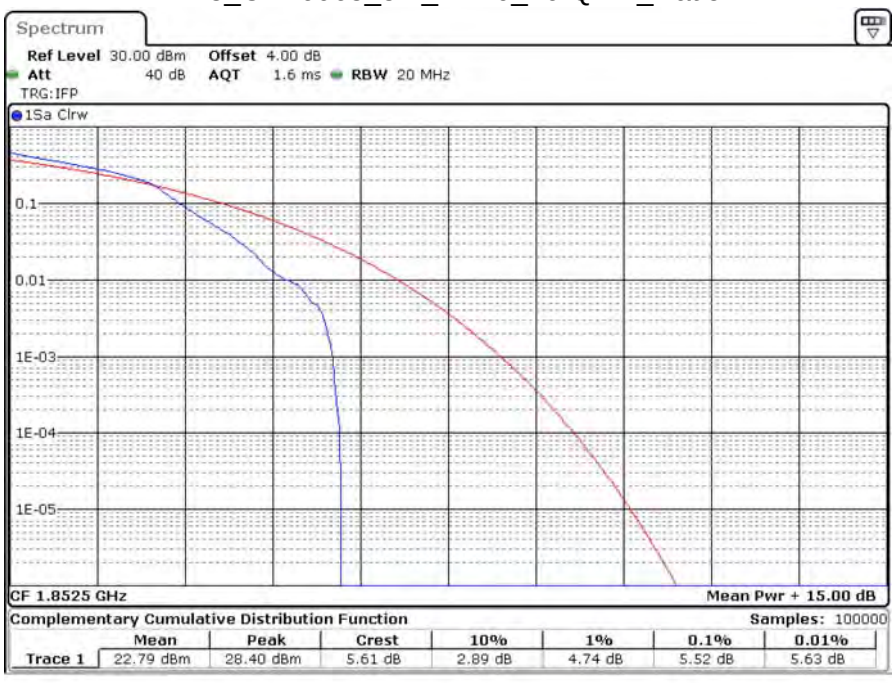
Date: 11.FEB.2020 16:48:40

B25_CH26665_5M_1RB5_QPSK_Ratio



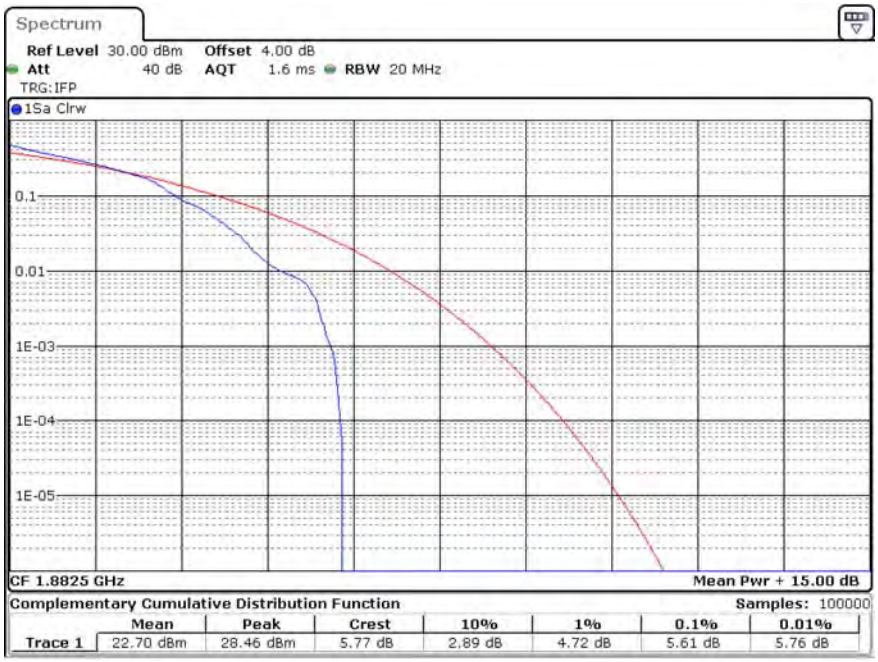
Date: 11.FEB.2020 17:06:29

B25_CH26065_5M_1RB0_16-QAM_Ratio



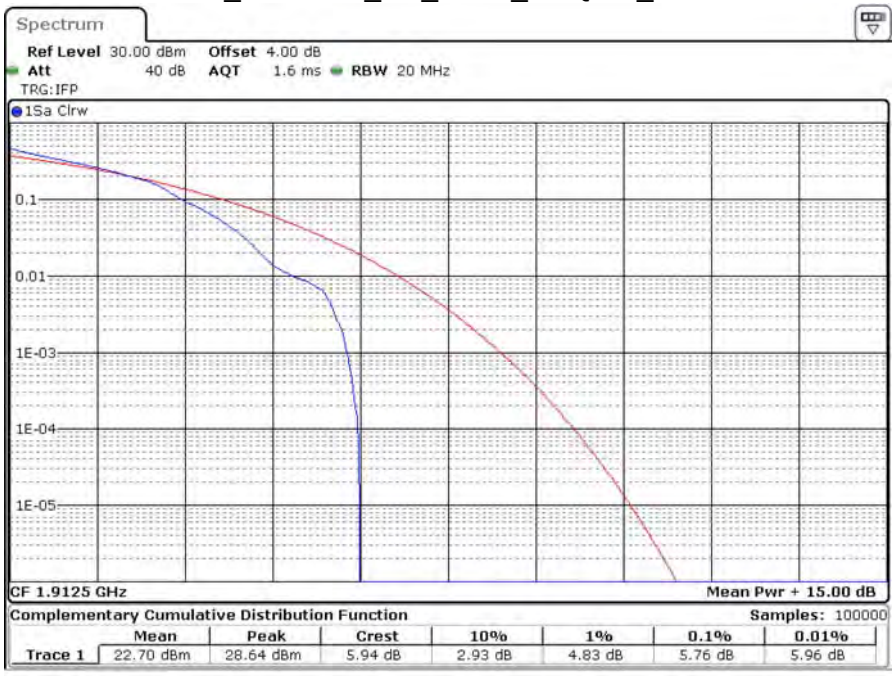
Date: 11.FEB.2020 16:27:09

B25_CH26365_5M_1RB0_16-QAM_Ratio



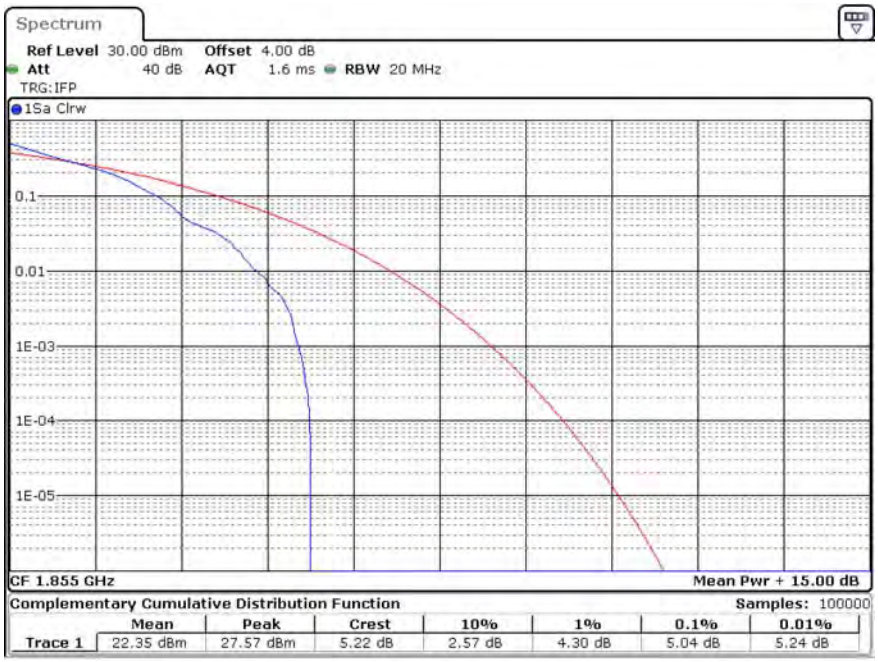
Date: 11.FEB.2020 16:46:48

B25_CH26665_5M_1RB5_16-QAM_Ratio



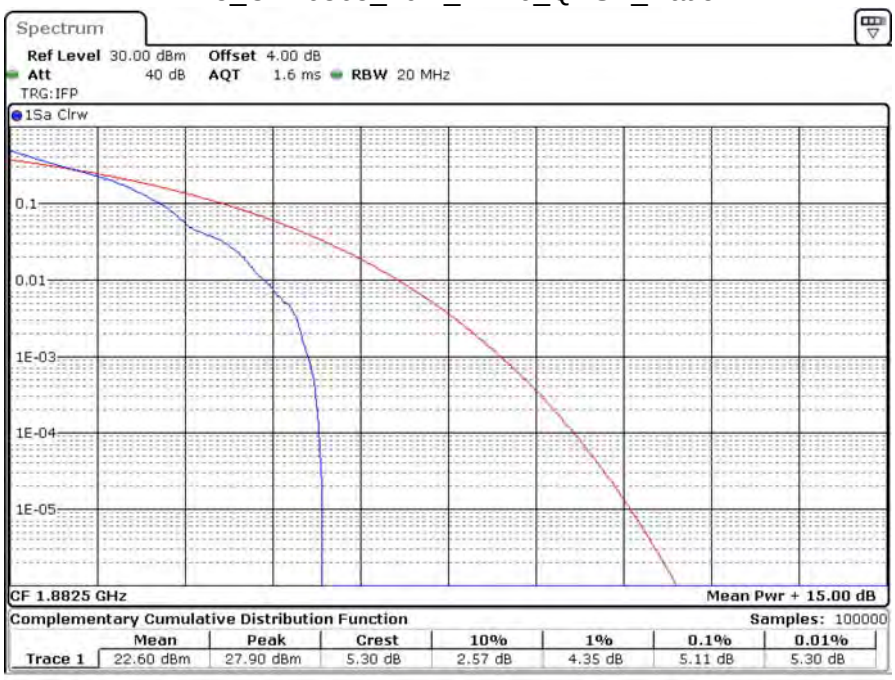
Date: 11.FEB.2020 17:06:47

B25_CH26090_10M_1RB0_QPSK_Ratio



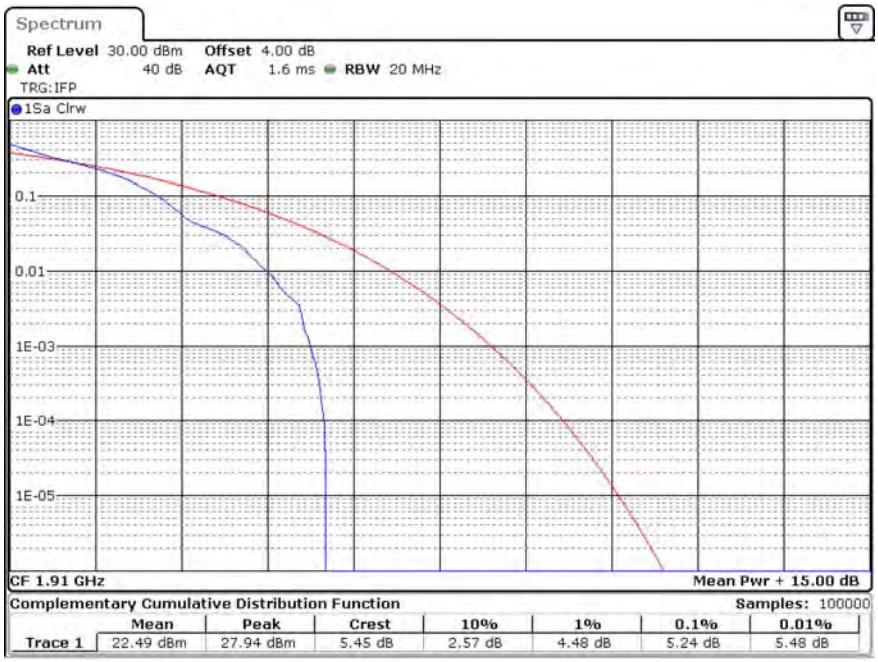
Date: 11.FEB.2020 17:55:25

B25_CH26365_10M_1RB0_QPSK_Ratio



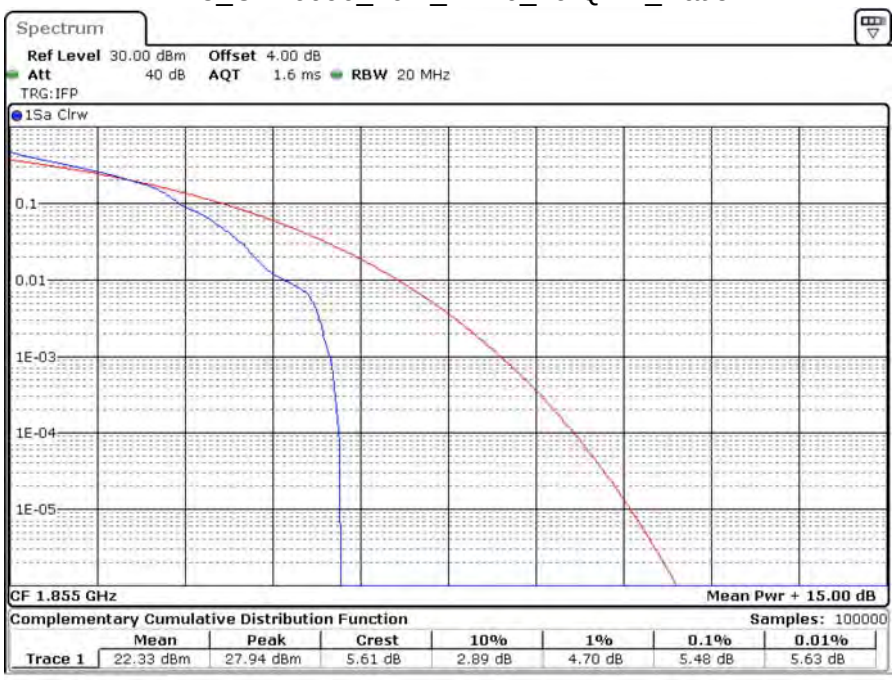
Date: 11.FEB.2020 17:44:54

B25_CH26640_10M_1RB5_QPSK_Ratio



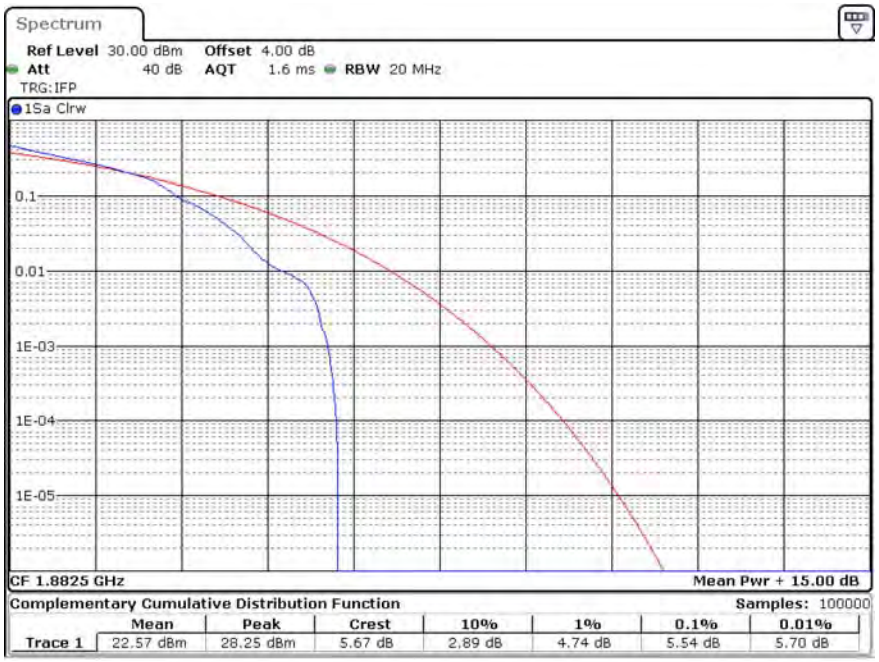
Date: 11.FEB.2020 17:18:54

B25_CH26090_10M_1RB0_16-QAM_Ratio



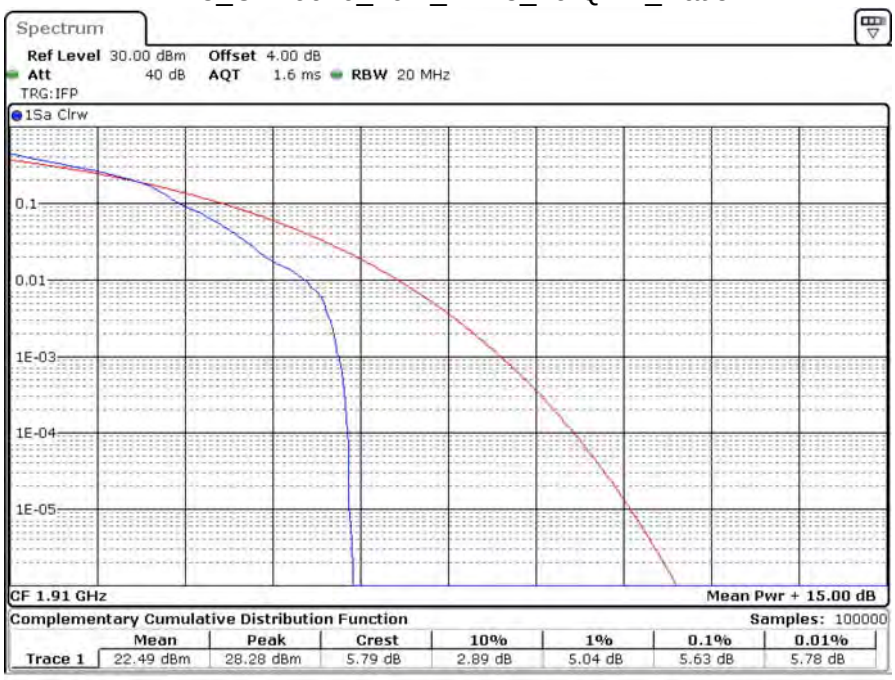
Date: 11.FEB.2020 17:55:37

B25_CH26365_10M_1RB0_16-QAM_Ratio



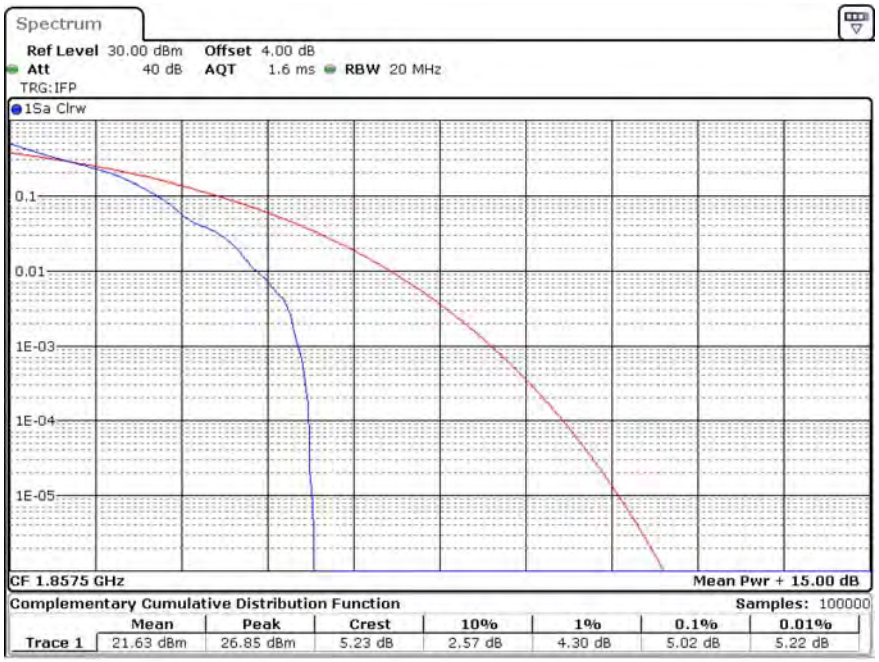
Date: 11.FEB.2020 17:44:39

B25_CH26640_10M_1RB5_16-QAM_Ratio



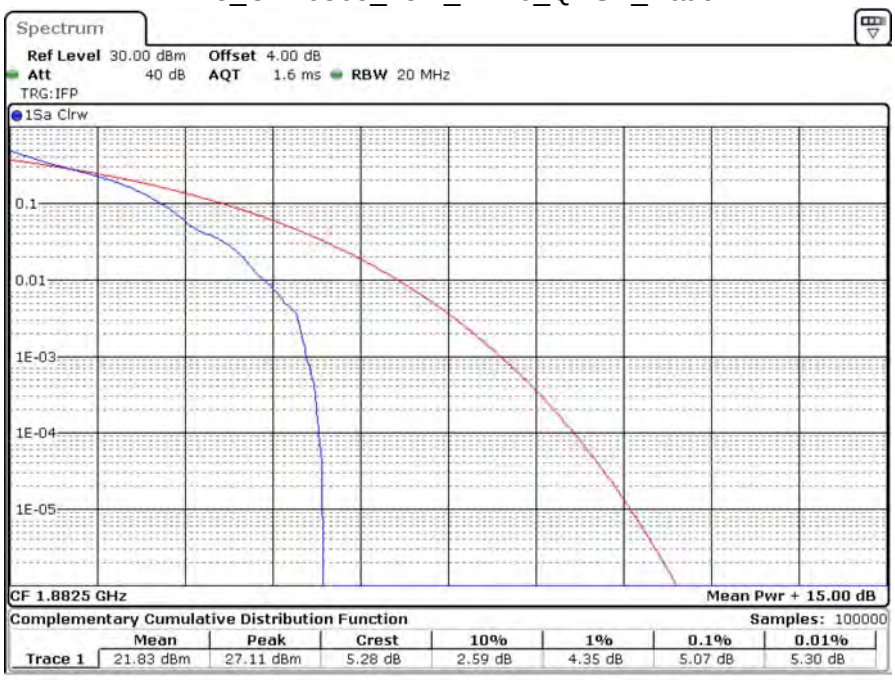
Date: 11.FEB.2020 17:19:17

B25_CH26115_15M_1RB0_QPSK_Ratio



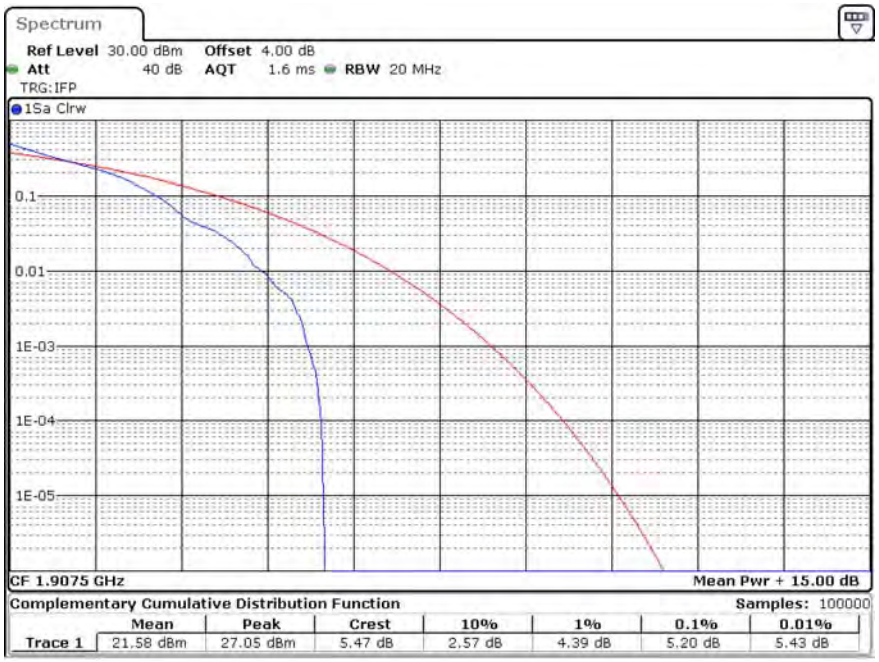
Date: 11.FEB.2020 18:12:48

B25_CH26365_15M_1RB0_QPSK_Ratio



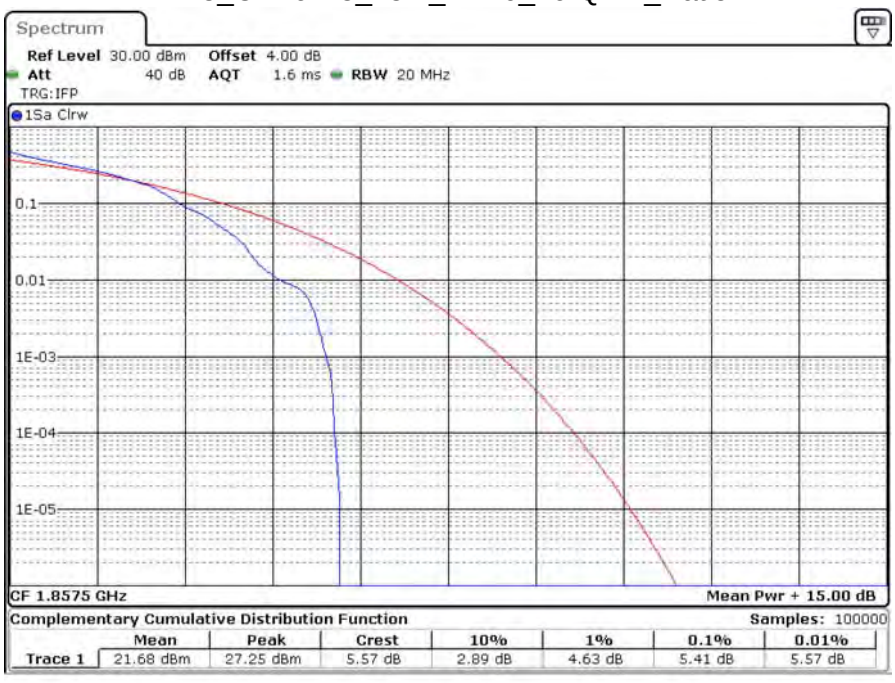
Date: 11.FEB.2020 18:16:37

B25_CH26615_15M_1RB5_QPSK_Ratio



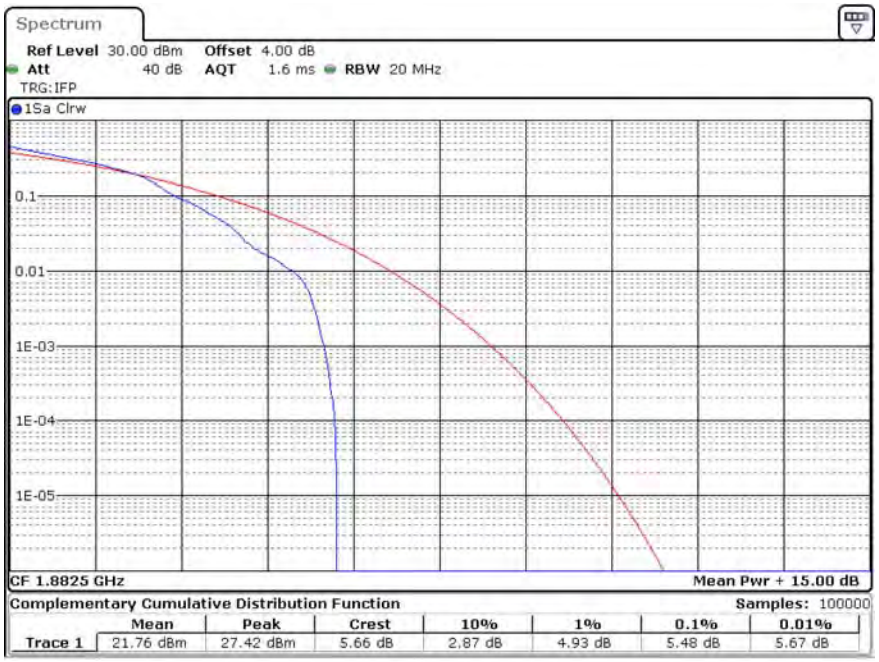
Date: 11.FEB.2020 18:17:47

B25_CH26115_15M_1RB0_16-QAM_Ratio



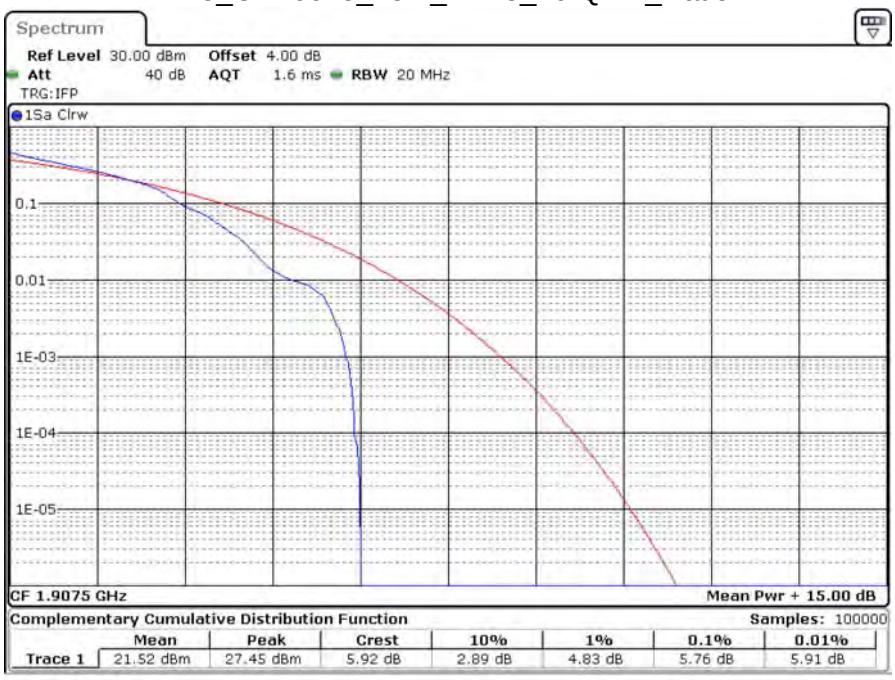
Date: 11.FEB.2020 18:13:26

B25_CH26365_15M_1RB0_16-QAM_Ratio



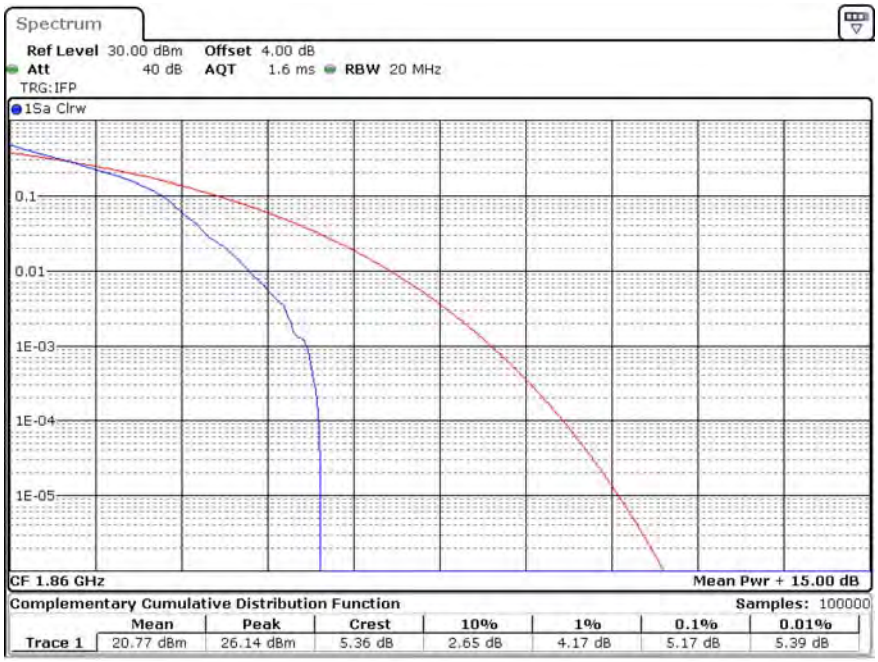
Date: 11.FEB.2020 18:16:10

B25_CH26615_15M_1RB5_16-QAM_Ratio



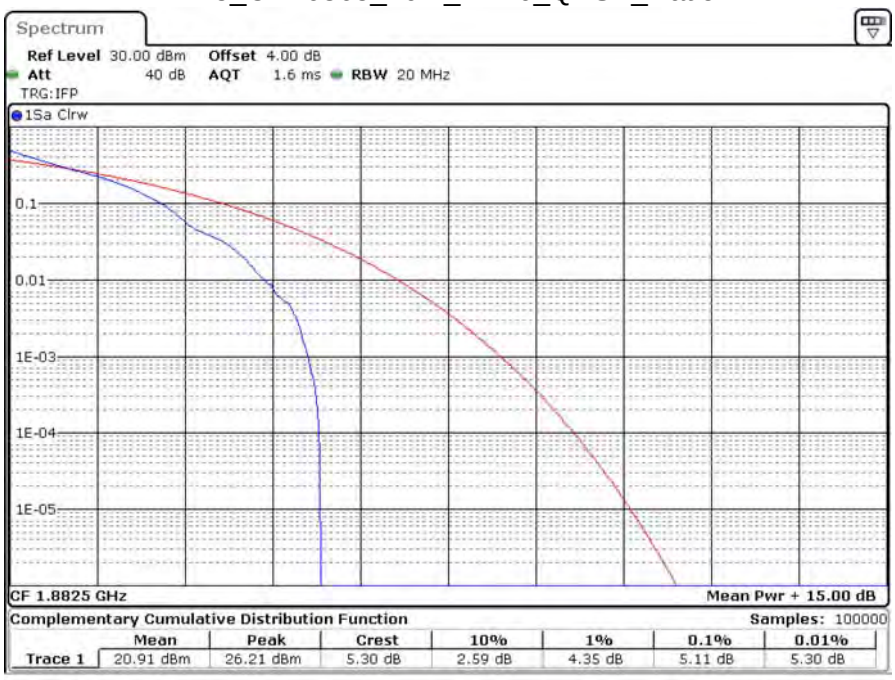
Date: 11.FEB.2020 18:23:30

B25_CH26140_20M_1RB0_QPSK_Ratio



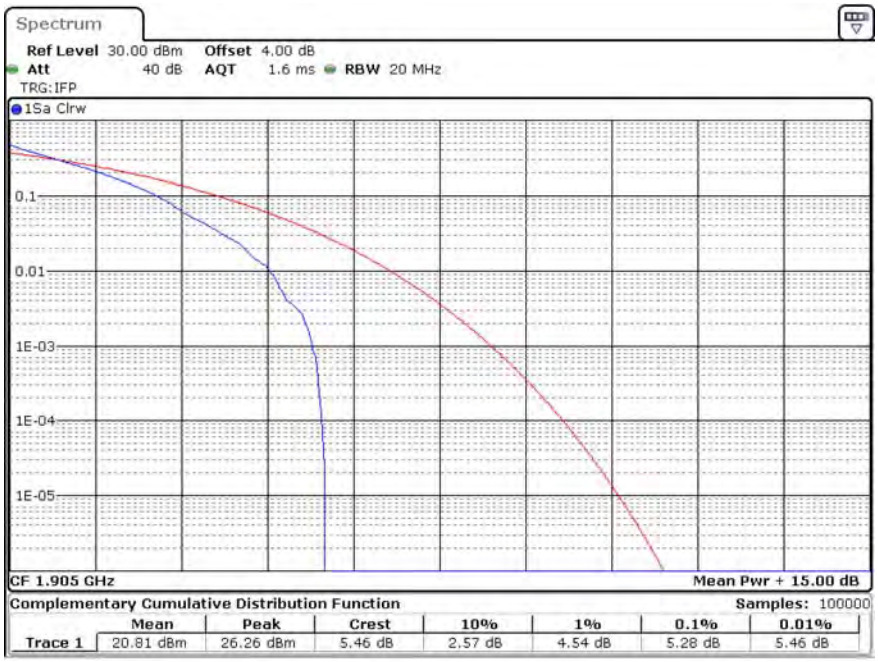
Date: 11.FEB.2020 18:40:39

B25_CH26365_20M_1RB0_QPSK_Ratio



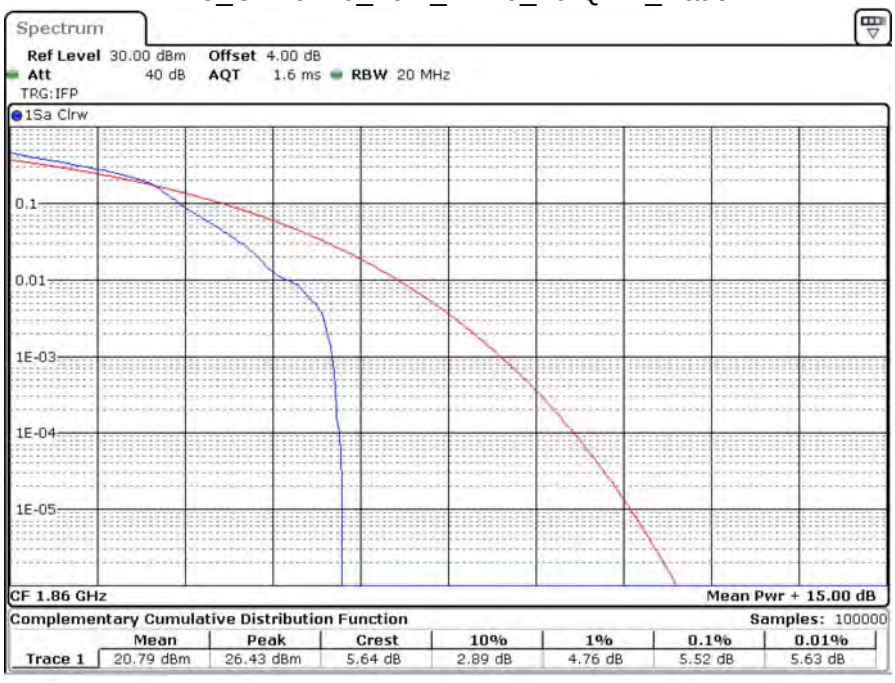
Date: 11.FEB.2020 18:34:22

B25_CH26590_20M_1RB5_QPSK_Ratio



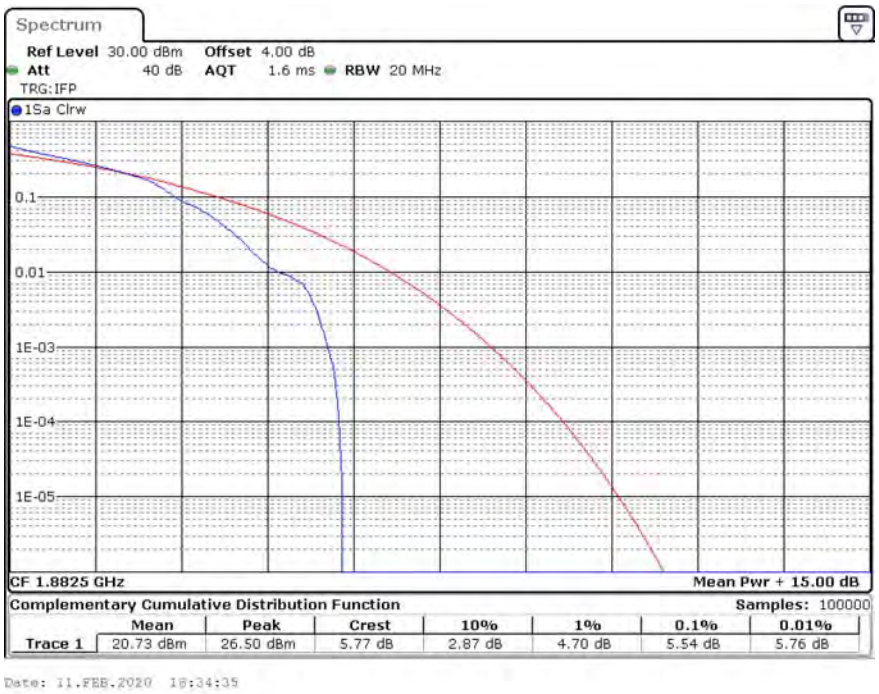
Date: 11.FEB.2020 18:54:15

B25_CH26140_20M_1RB0_16-QAM_Ratio



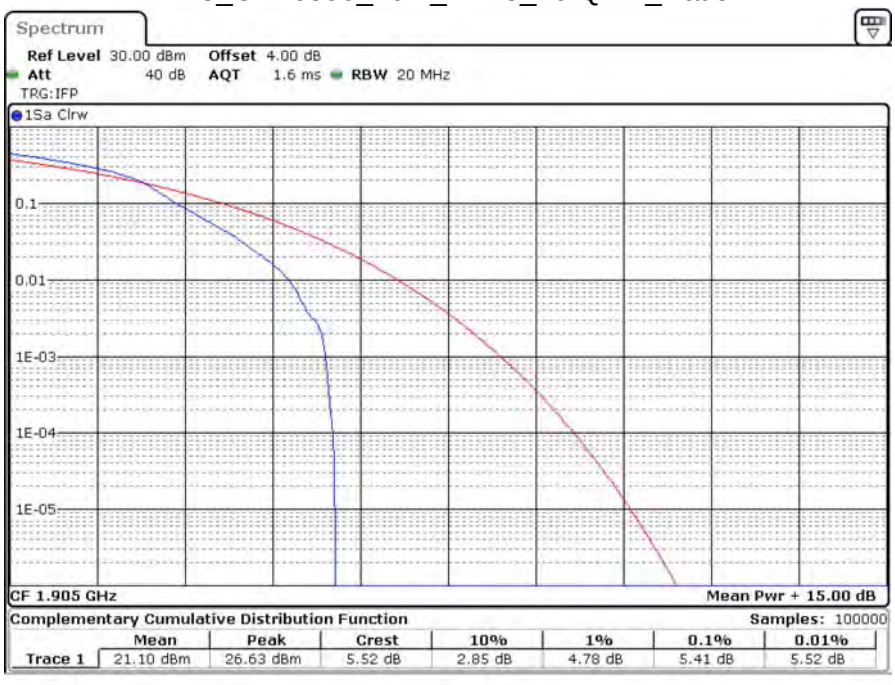
Date: 11.FEB.2020 18:40:17

B25_CH26365_20M_1RB0_16-QAM_Ratio



Date: 11.FEB.2020 18:34:35

B25_CH26590_20M_1RB5_16-QAM_Ratio

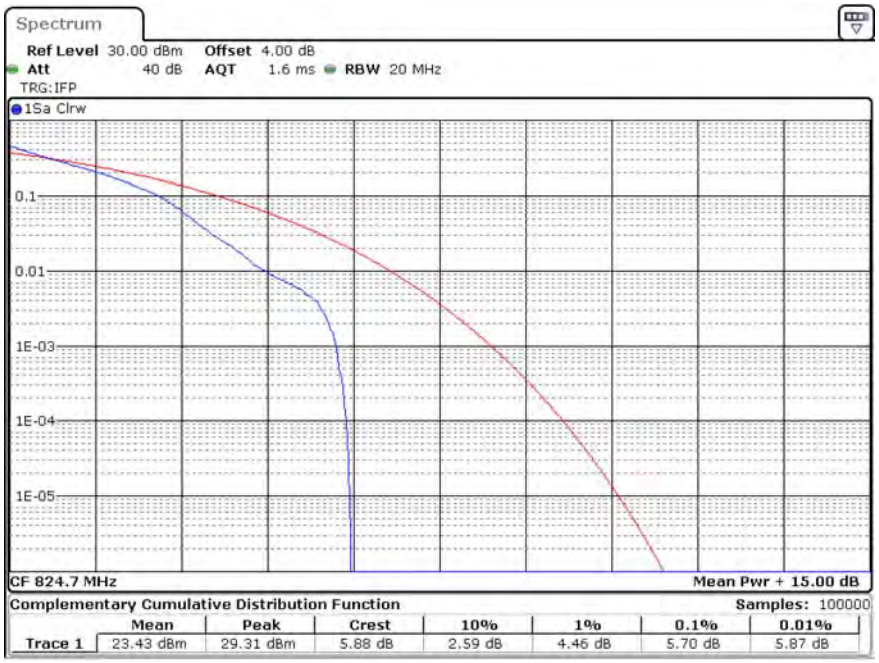


Date: 11.FEB.2020 18:57:56

Product	Module		
Test Item	Peak To Average Ratio (Part 22)		
Test Mode	Mode 7：LTE Cat-M1_Band 26		
Date of Test	2020/02/11	Test Site	SR12-H
Temperature (°C)	20.0	Humidity (%RH)	56.0

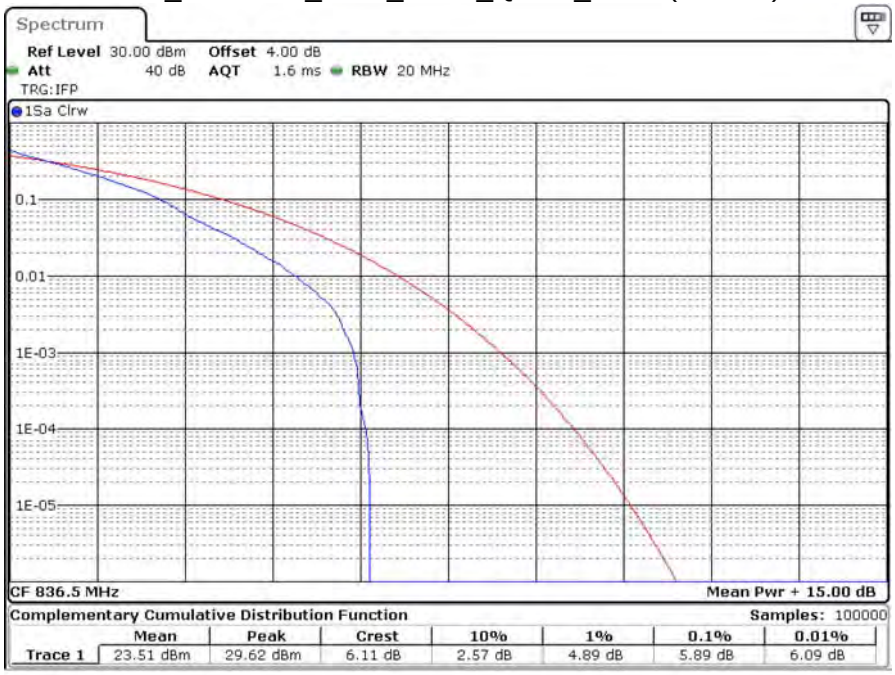
Band width (MHz)	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	26697	814.7	QPSK	29.31	23.43	5.70
			16-QAM	28.07	22.03	5.78
	26865	831.5	QPSK	29.62	23.51	5.89
			16-QAM	28.59	21.86	6.33
	27033	848.3	QPSK	28.94	23.65	5.11
			16-QAM	29.49	22.61	6.35
3M	26705	815.5	QPSK	29.07	23.20	5.57
			16-QAM	27.83	21.87	5.80
	26865	831.5	QPSK	29.50	23.43	5.85
			16-QAM	28.82	22.23	6.26
	27025	847.5	QPSK	29.31	23.38	5.54
			16-QAM	27.90	21.94	5.80
5M	26715	816.5	QPSK	29.32	23.22	2.80
			16-QAM	29.97	23.00	6.74
	26865	831.5	QPSK	29.24	23.16	5.78
			16-QAM	29.84	22.92	6.72
	27015	846.5	QPSK	29.29	23.12	5.80
			16-QAM	29.79	22.89	6.63
10M	26740	819	QPSK	28.91	22.81	5.89
			16-QAM	29.41	23.18	5.91
	26865	831.5	QPSK	28.92	22.81	5.74
			16-QAM	29.45	22.47	6.76
	26990	844	QPSK	29.18	22.77	6.11
			16-QAM	29.76	22.75	6.83
15M	26765	821.5	QPSK	29.20	23.12	5.76
			16-QAM	29.83	22.87	6.74
	26865	831.5	QPSK	28.00	21.93	5.76
			16-QAM	28.73	21.82	6.70
	26965	841.5	QPSK	28.05	21.90	5.78
			16-QAM	28.62	21.84	6.52

B26_CH26797_1.4M_1RB0_QPSK_Ratio (Part 22)



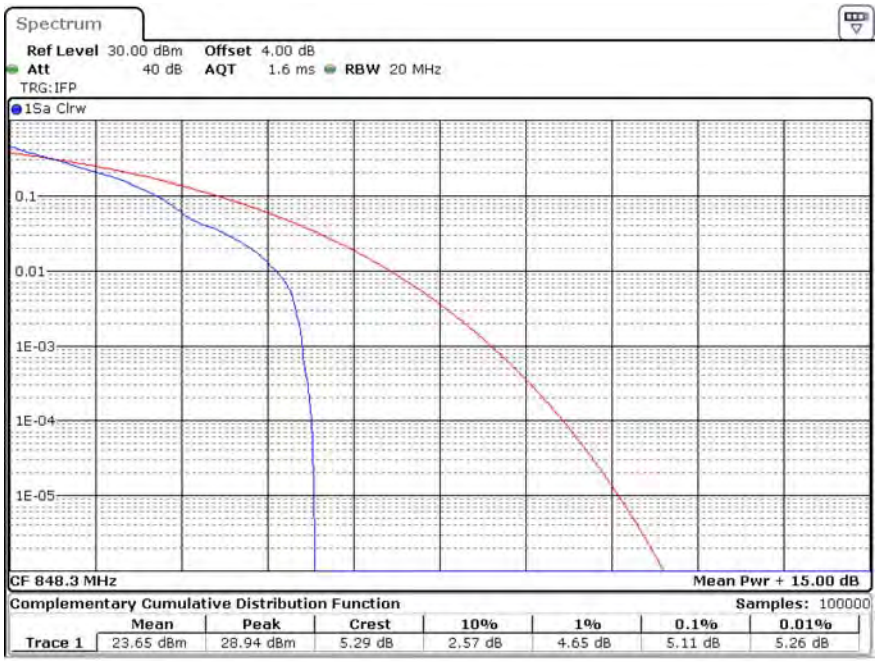
Date: 11.FEB.2020 08:45:26

B26_CH26915_1.4M_1RB0_QPSK_Ratio (Part 22)



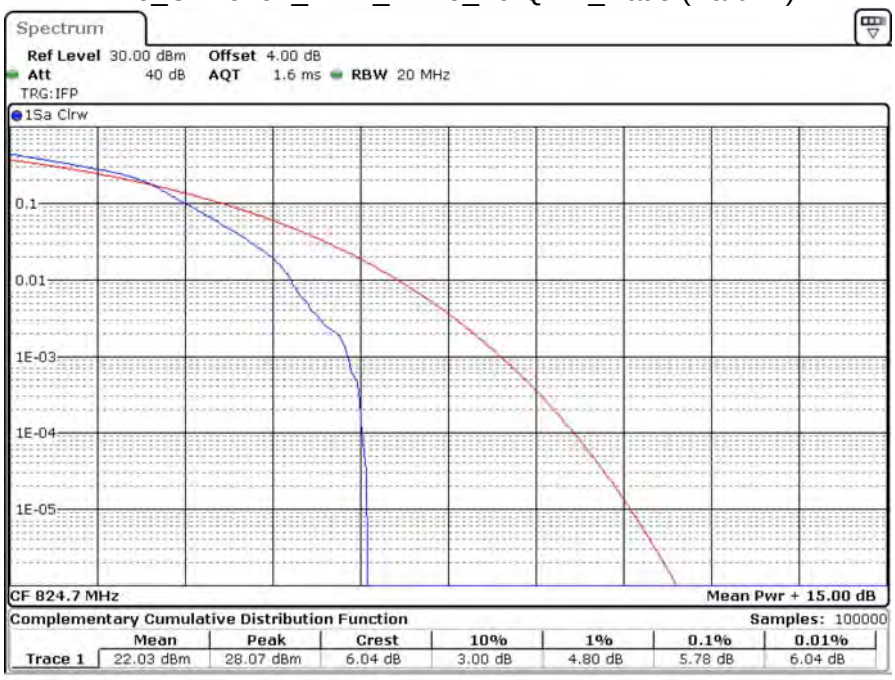
Date: 11.FEB.2020 08:53:44

B26_CH27033_1.4M_1RB5_QPSK_Ratio (Part 22)



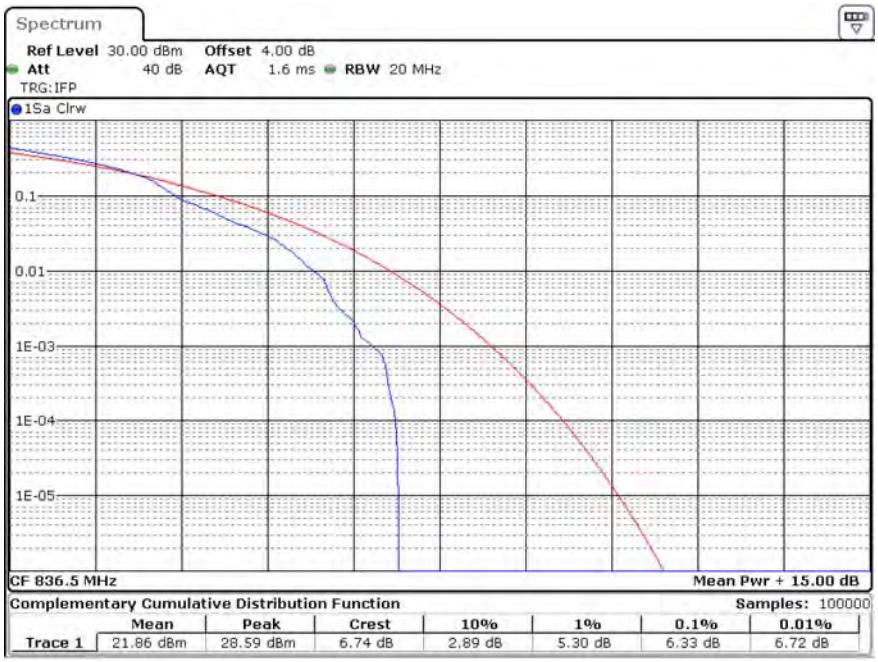
Date: 11.FEB.2020 08:57:58

B26_CH26797_1.4M_1RB0_16-QAM_Ratio (Part 22)



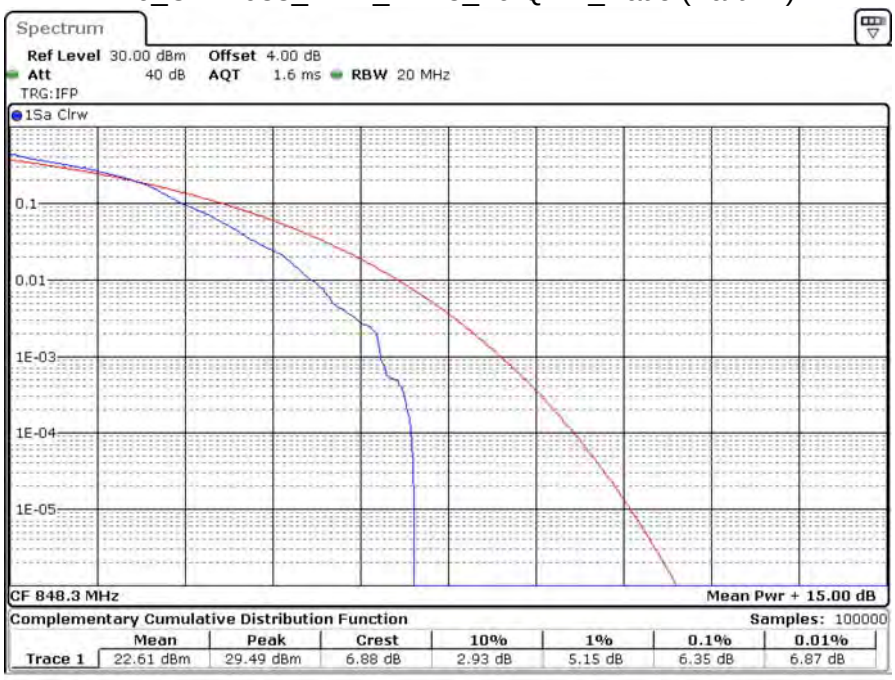
Date: 11.FEB.2020 08:46:40

B26_CH26915_1.4M_1RB0_16-QAM_Ratio (Part 22)



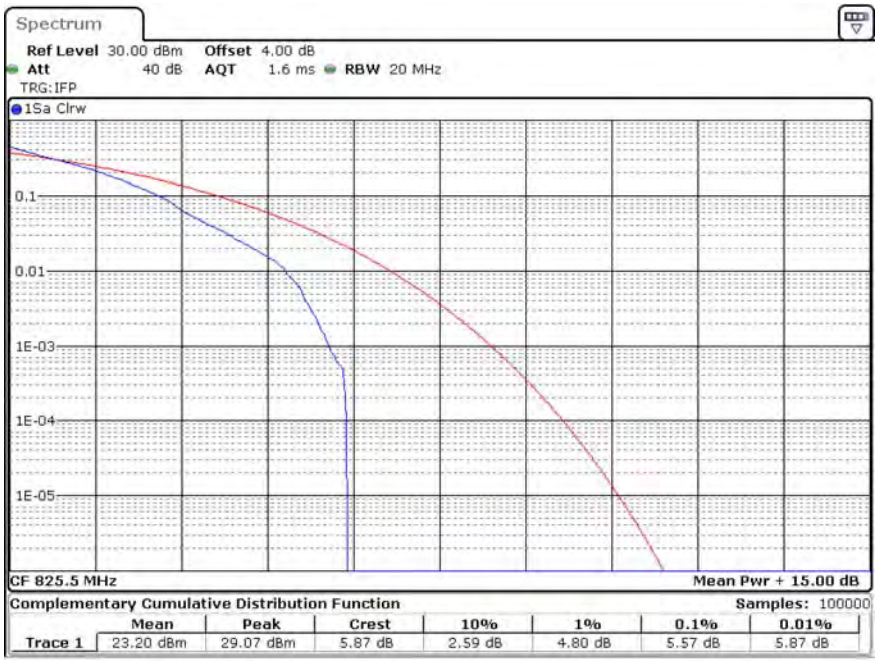
Date: 11.FEB.2020 08:53:30

B26_CH27033_1.4M_1RB5_16-QAM_Ratio (Part 22)



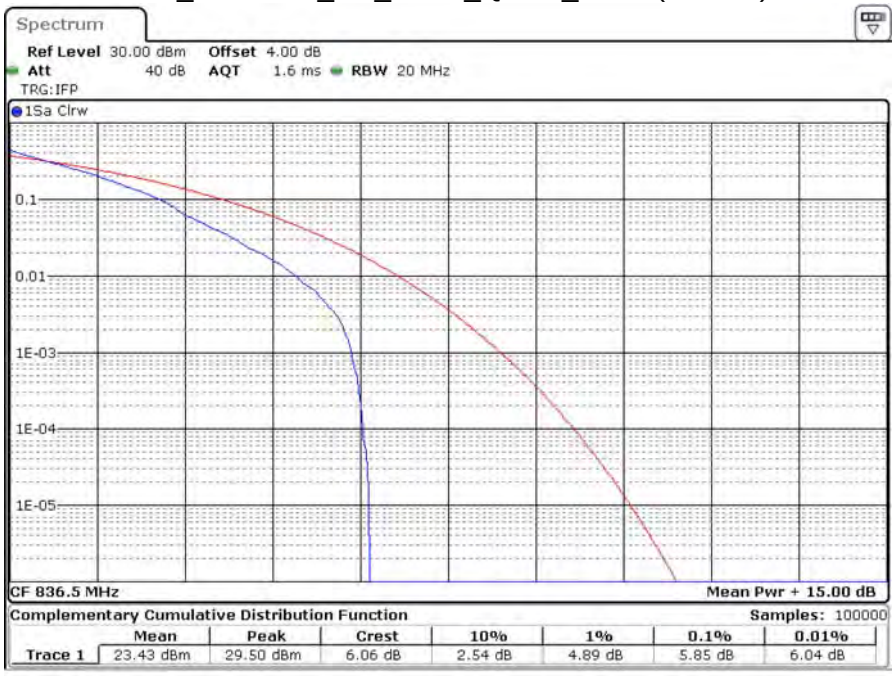
Date: 11.FEB.2020 08:56:58

B26_CH26805_3M_1RB0_QPSK_Ratio (Part 22)



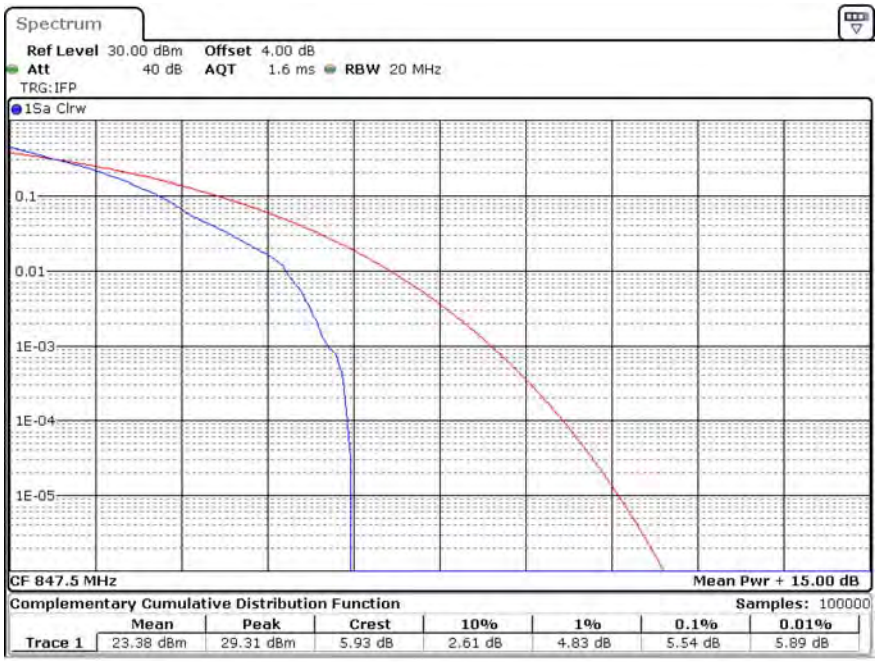
Date: 11.FEB.2020 09:24:46

B26_CH26915_3M_1RB0_QPSK_Ratio (Part 22)



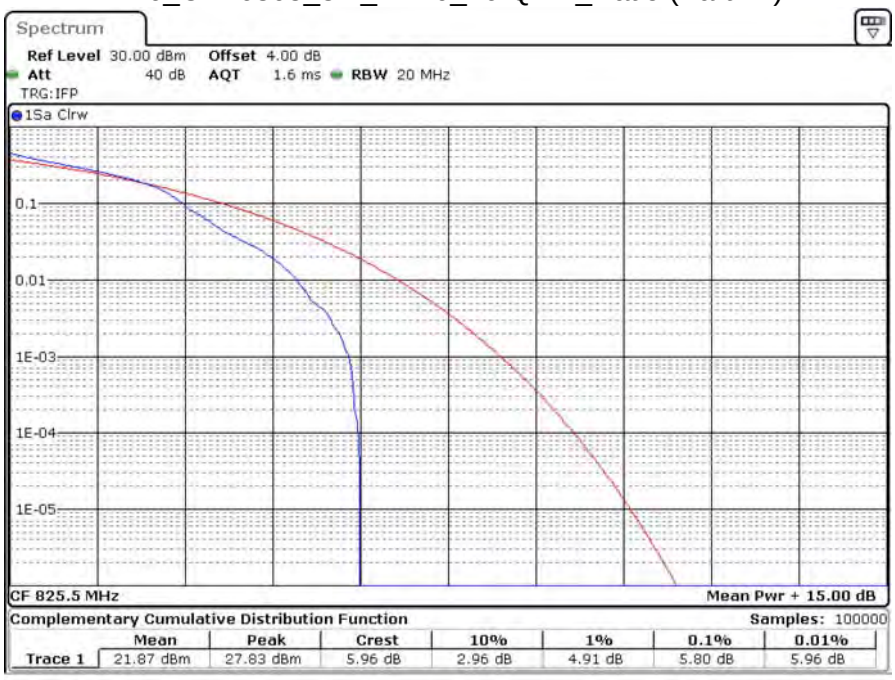
Date: 11.FEB.2020 09:06:04

B26_CH27025_3M_1RB5_QPSK_Ratio (Part 22)



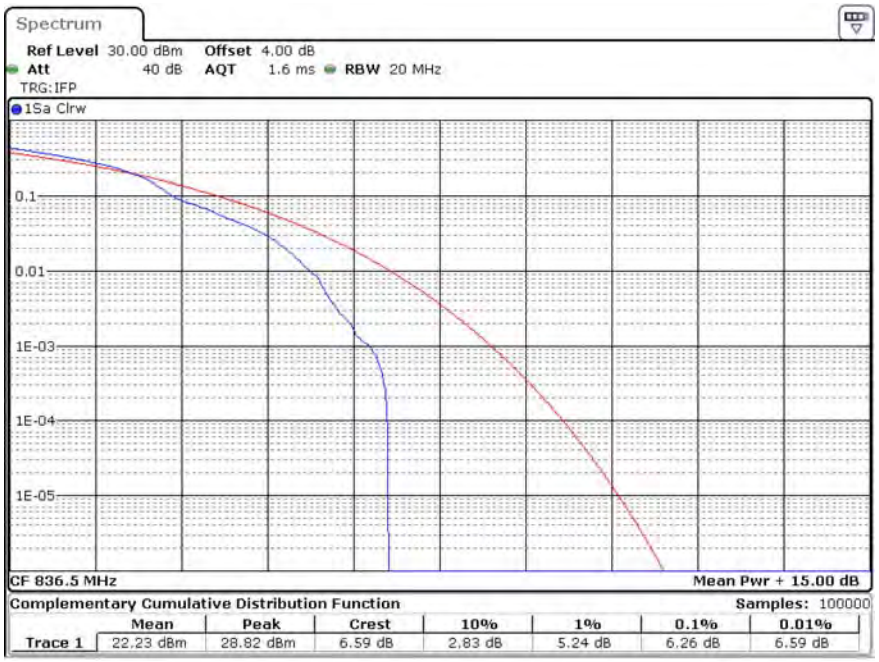
Date: 11.FEB.2020 09:01:29

B26_CH26805_3M_1RB0_16-QAM_Ratio (Part 22)



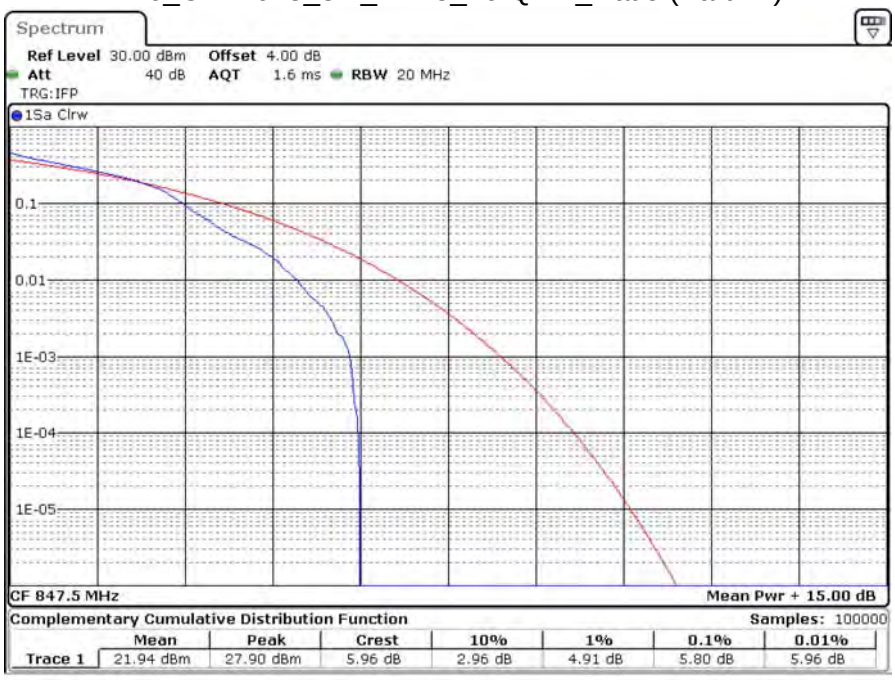
Date: 11.FEB.2020 09:24:28

B26_CH26915_3M_1RB0_16-QAM_Ratio (Part 22)



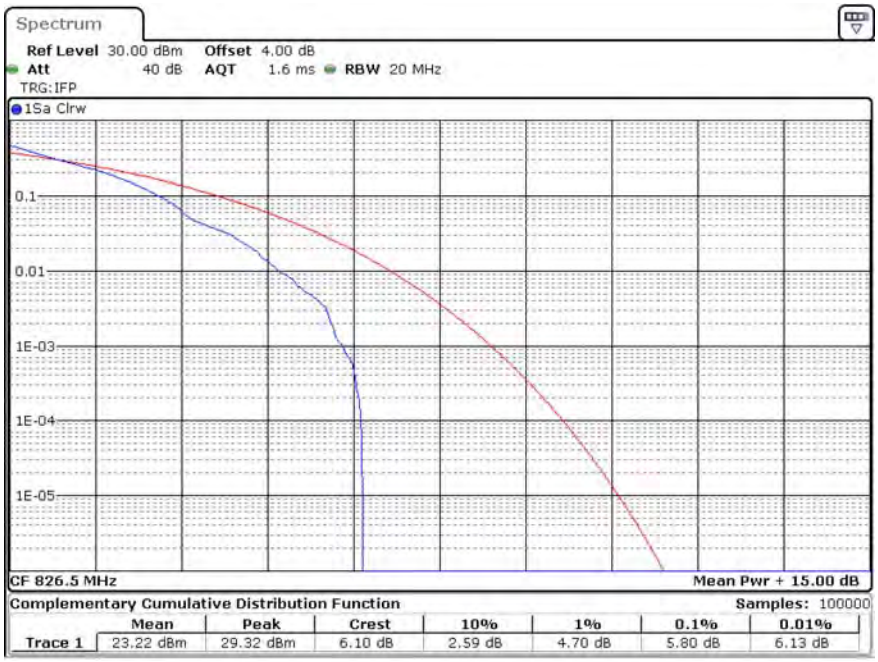
Date: 11.FEB.2020 09:06:33

B26_CH27025_3M_1RB5_16-QAM_Ratio (Part 22)



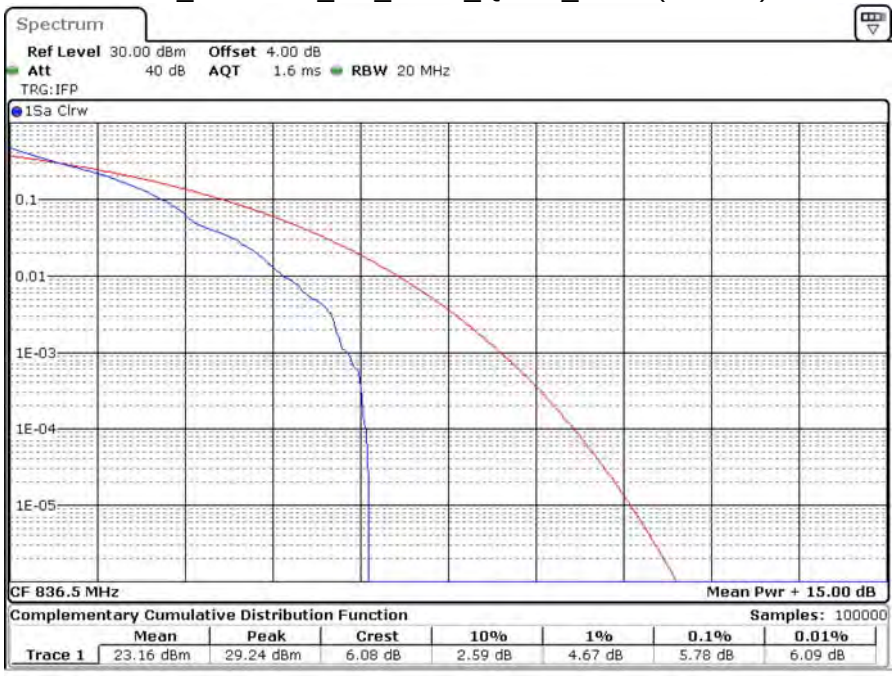
Date: 11.FEB.2020 09:01:49

B26_CH26815_5M_1RB0_QPSK_Ratio (Part 22)



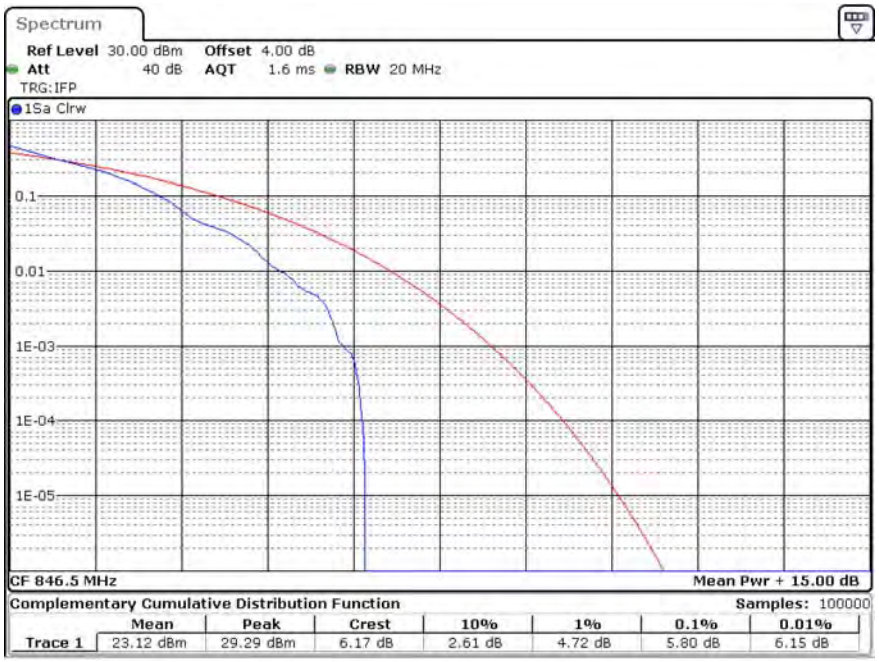
Date: 11.FEB.2020 10:07:45

B26_CH26915_5M_1RB0_QPSK_Ratio (Part 22)



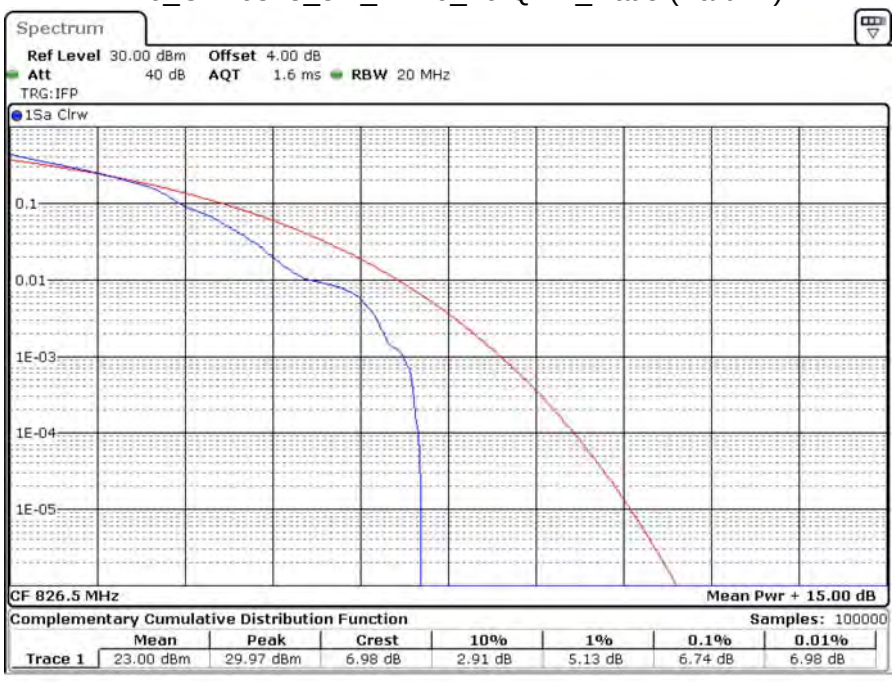
Date: 11.FEB.2020 10:58:47

B26_CH27015_5M_1RB5_QPSK_Ratio (Part 22)



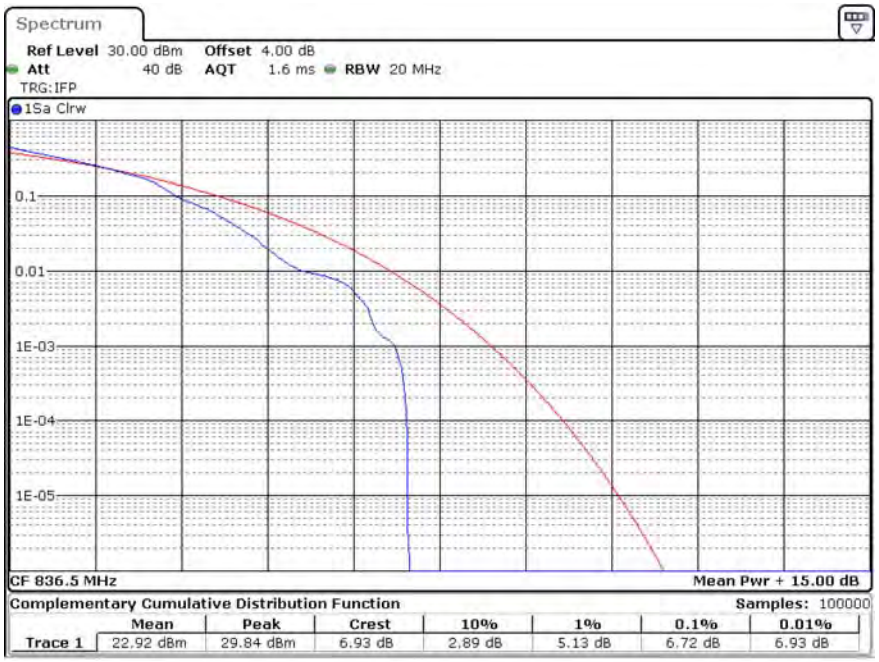
Date: 11.FEB.2020 12:11:40

B26_CH26815_5M_1RB0_16-QAM_Ratio (Part 22)



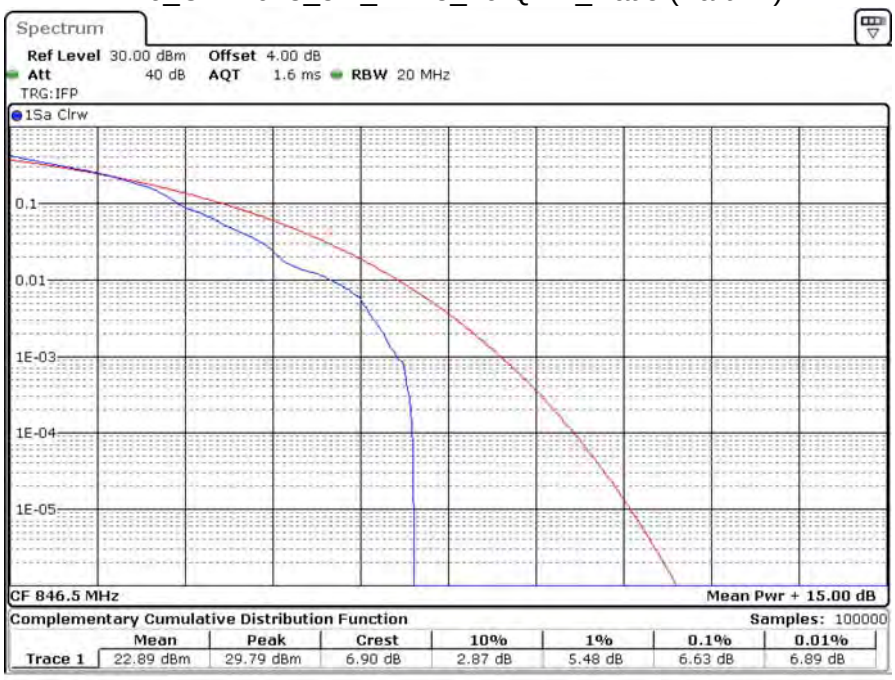
Date: 11.FEB.2020 10:08:03

B26_CH26915_5M_1RB0_16-QAM_Ratio (Part 22)



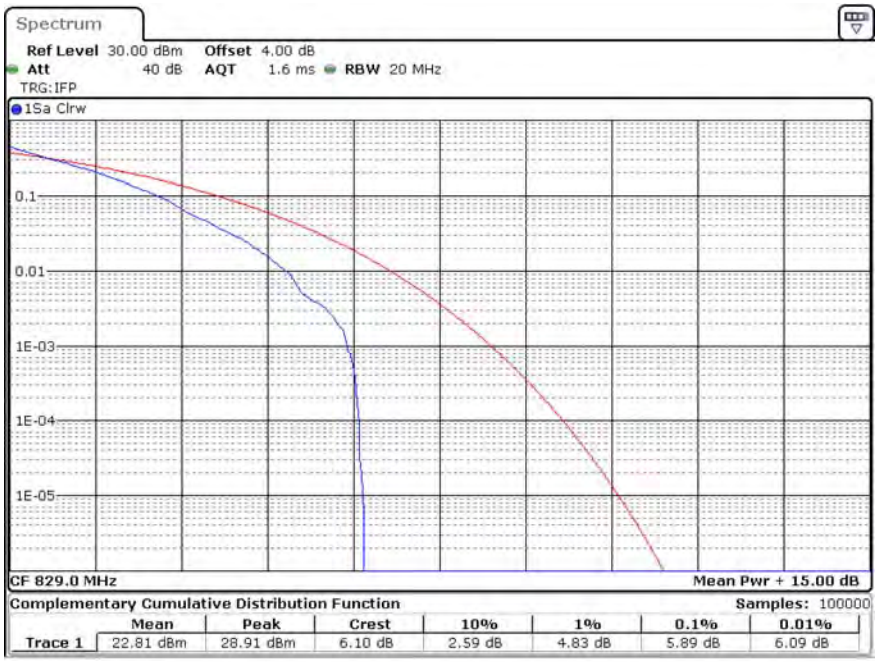
Date: 11.FEB.2020 10:58:32

B26_CH27015_5M_1RB5_16-QAM_Ratio (Part 22)



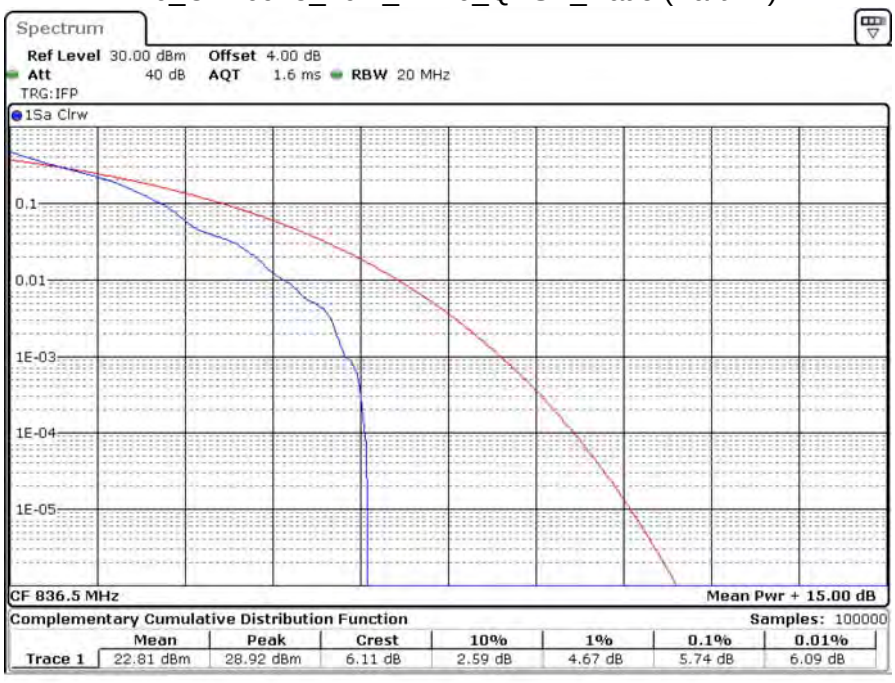
Date: 11.FEB.2020 12:11:55

B26_CH26840_10M_1RB0_QPSK_Ratio (Part 22)



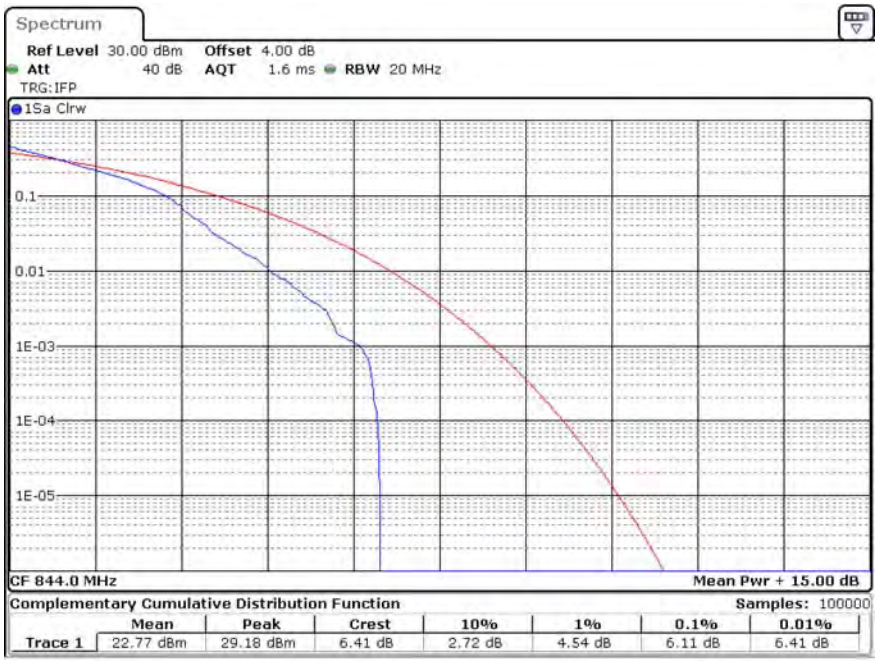
Date: 11.FEB.2020 12:58:57

B26_CH26915_10M_1RB0_QPSK_Ratio (Part 22)



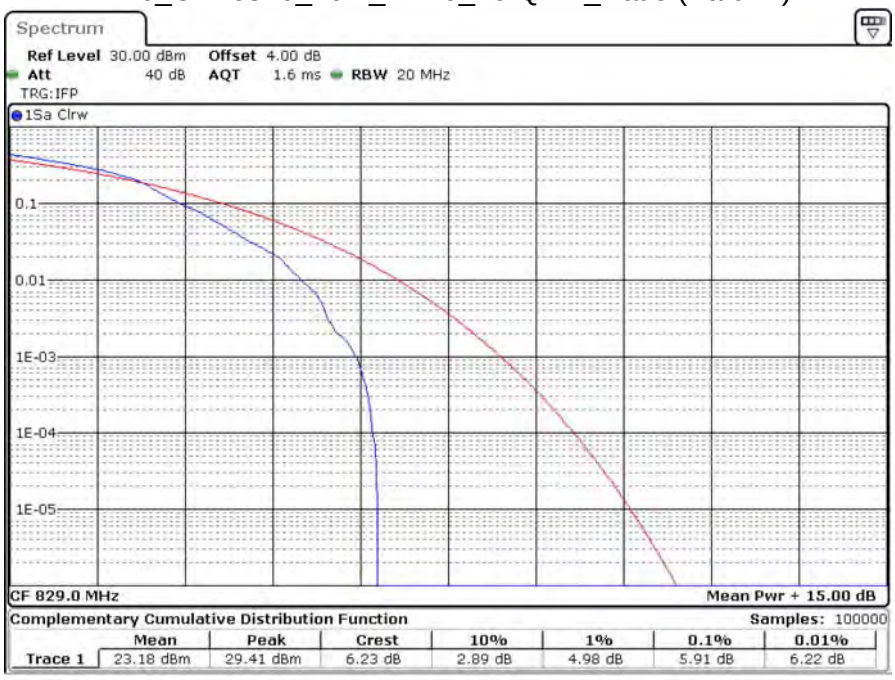
Date: 11.FEB.2020 12:42:32

B26_CH26990_10M_1RB5_QPSK_Ratio (Part 22)



Date: 11.FEB.2020 12:58:28

B26_CH26840_10M_1RB0_16-QAM_Ratio (Part 22)

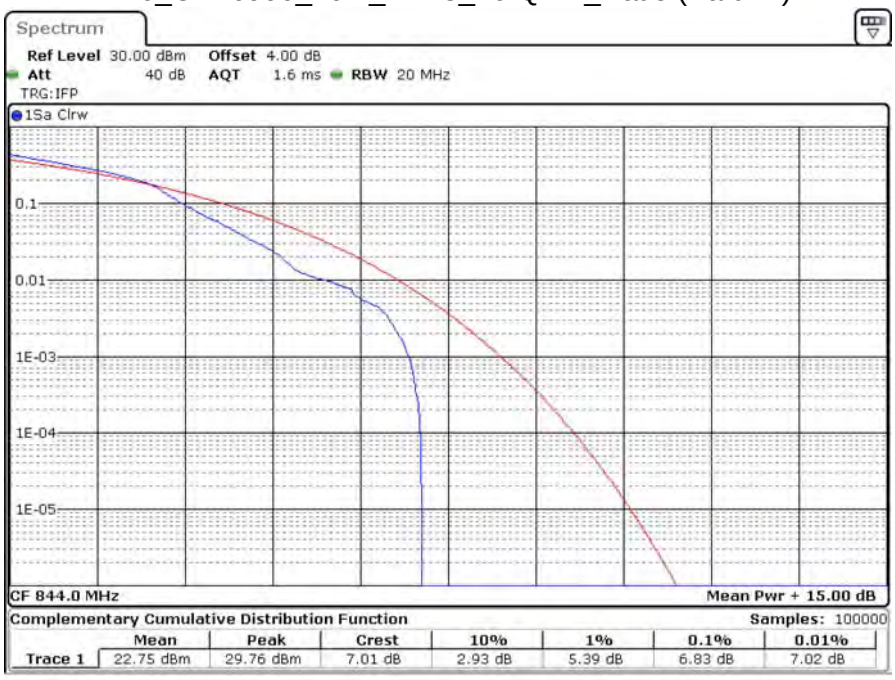


Date: 11.FEB.2020 12:59:08

B26_CH26915_10M_1RB0_16-QAM_Ratio (Part 22)

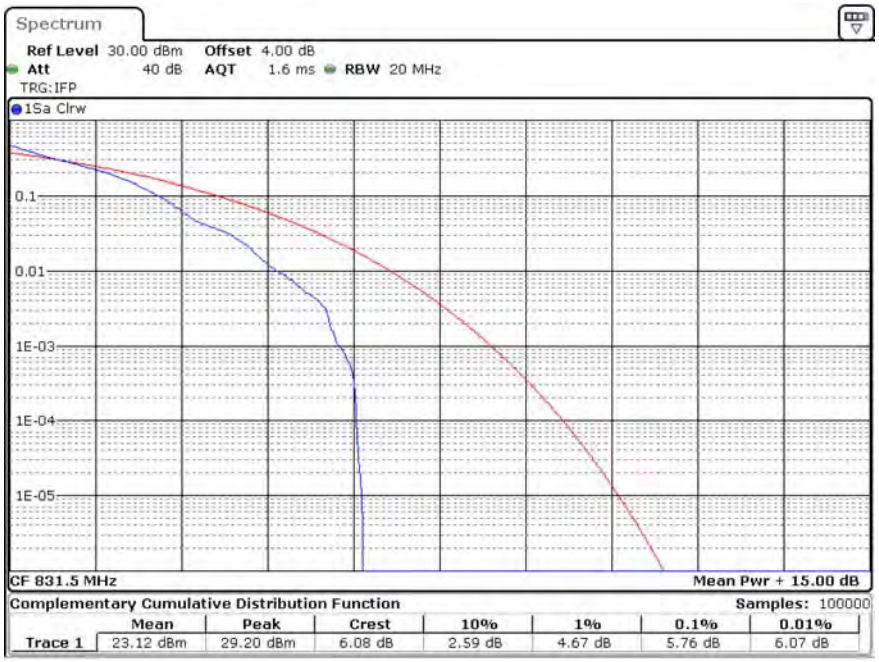
Date: 11.FEB.2020 12:42:18

B26_CH26990_10M_1RB5_16-QAM_Ratio (Part 22)



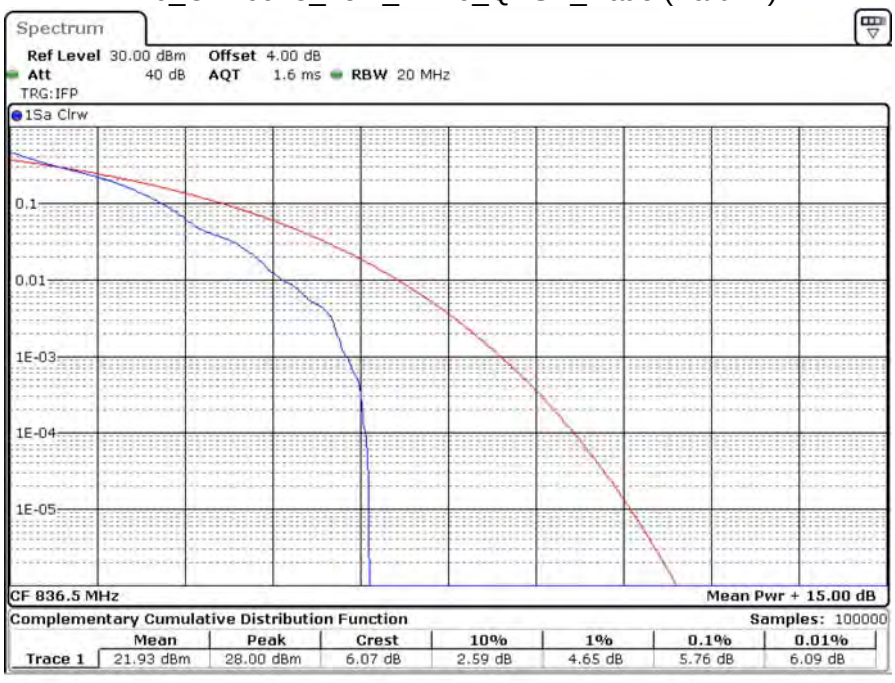
Date: 11.FEB.2020 12:58:16

B26_CH26865_15M_1RB0_QPSK_Ratio (Part 22)



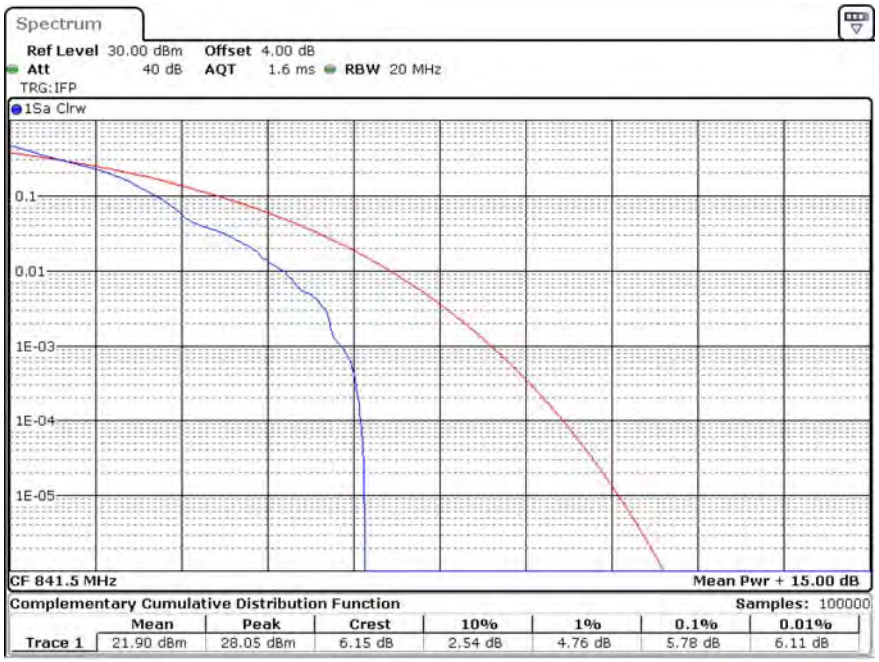
Date: 11.FEB.2020 13:25:10

B26_CH26915_15M_1RB0_QPSK_Ratio (Part 22)



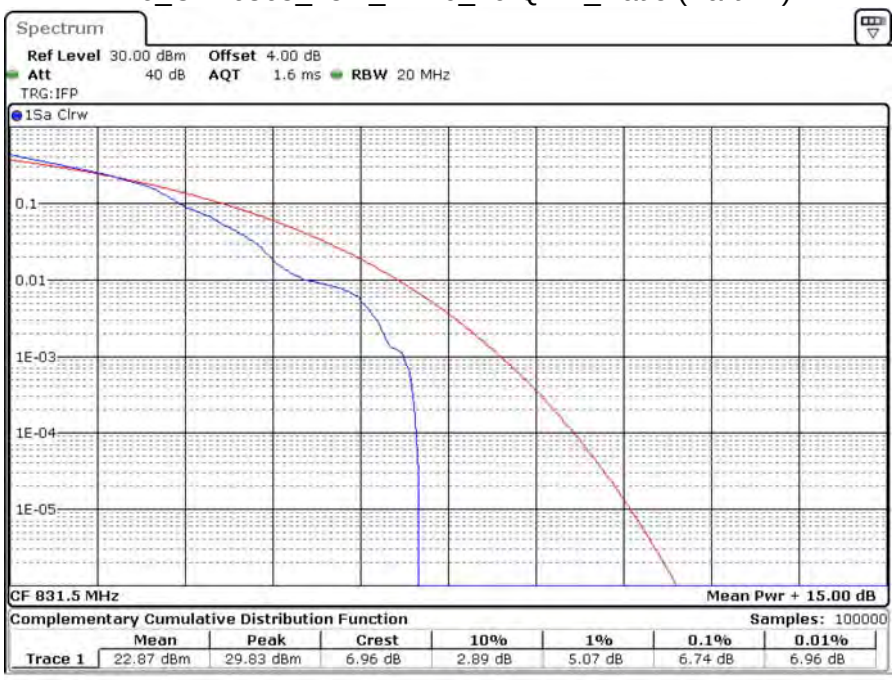
Date: 11.FEB.2020 13:12:12

B26_CH26965_15M_1RB5_QPSK_Ratio (Part 22)



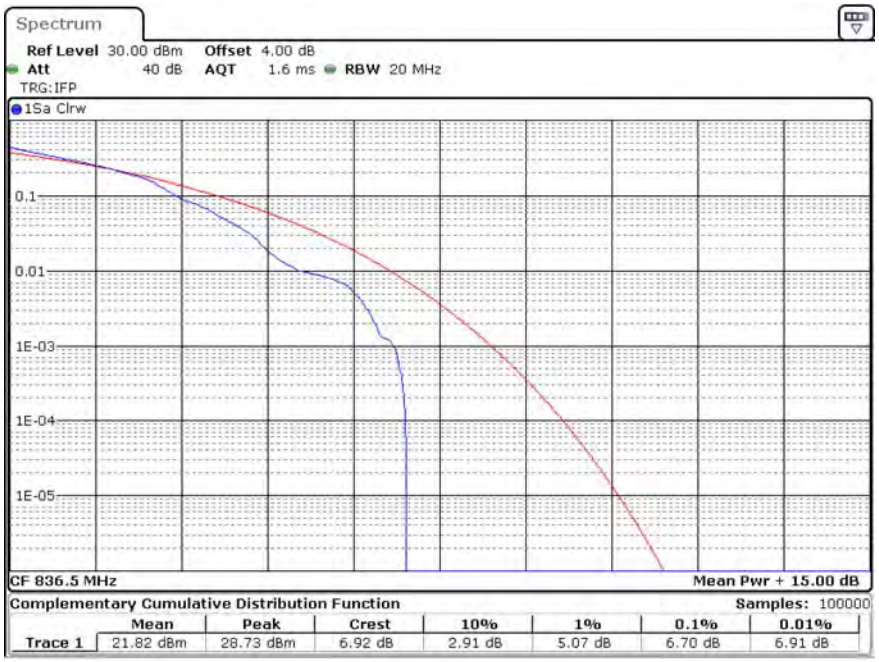
Date: 11.FEB.2020 13:27:46

B26_CH26865_15M_1RB0_16-QAM_Ratio (Part 22)



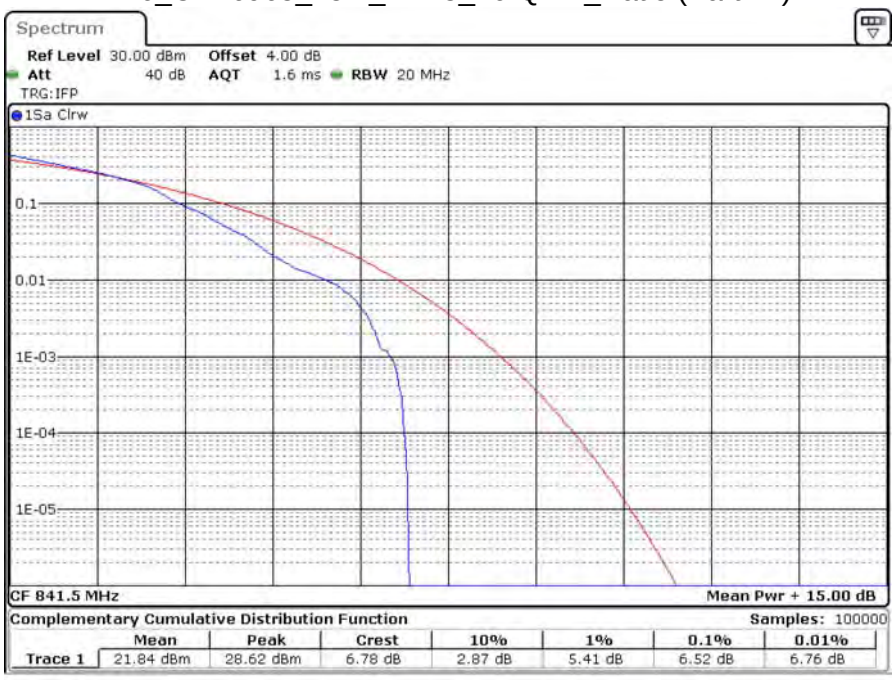
Date: 11.FEB.2020 13:24:53

B26_CH26915_15M_1RB0_16-QAM_Ratio (Part 22)



Date: 11.FEB.2020 13:13:56

B26_CH26965_15M_1RB5_16-QAM_Ratio (Part 22)



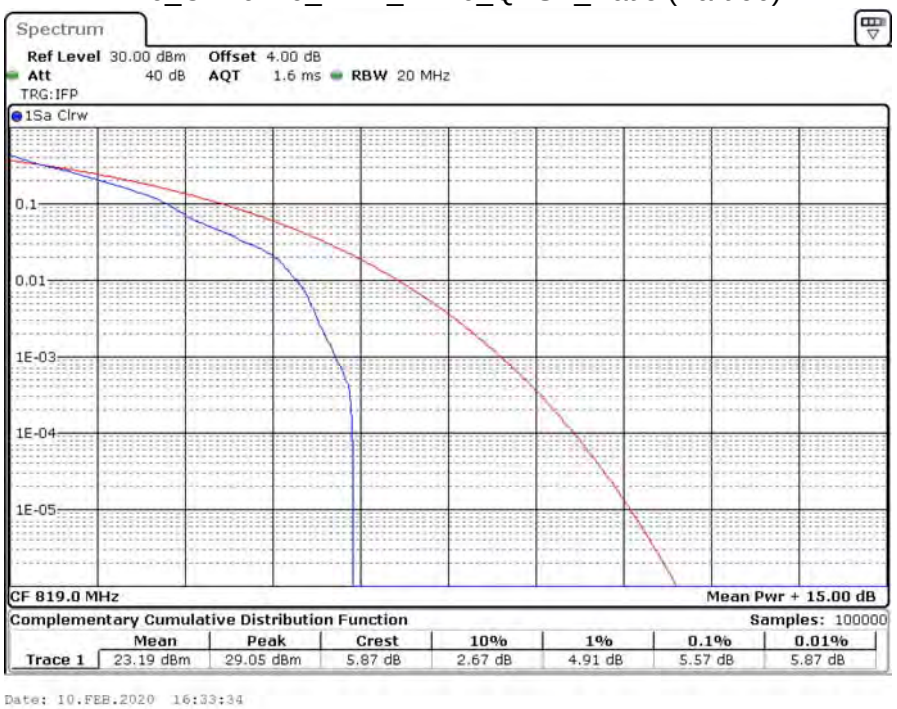
Date: 11.FEB.2020 13:29:32

Product	Module		
Test Item	Peak To Average Ratio (Part 90)		
Test Mode	Mode 7：LTE Cat-M1_Band 26		
Date of Test	2020/02/10	Test Site	SR12-H
Temperature (°C)	18.0	Humidity (%RH)	55.0

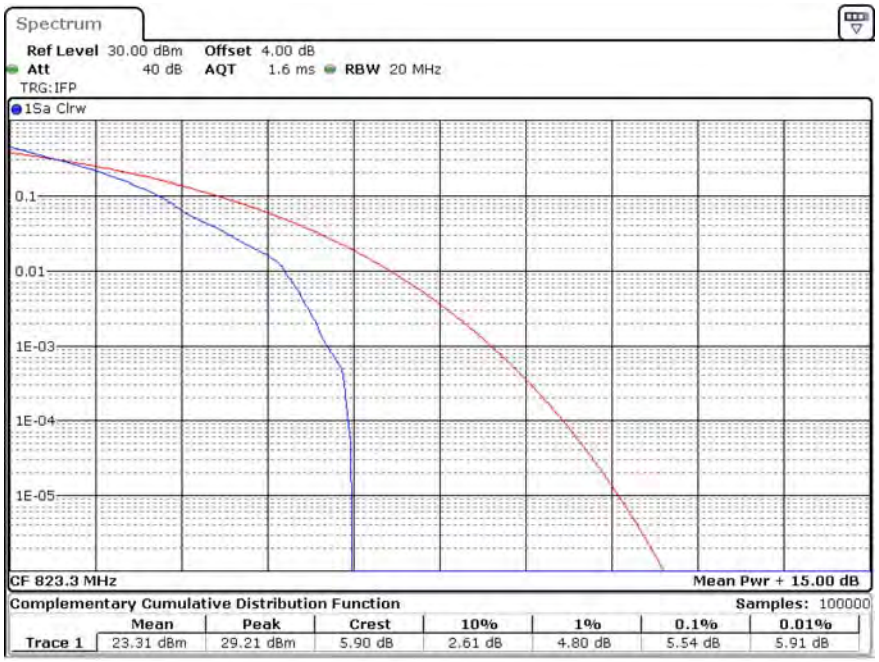
Band width (MHz)	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	26697	814.7	QPSK	28.89	23.63	5.07
			16-QAM	29.77	22.28	7.17
	26740	819	QPSK	29.05	23.19	5.57
			16-QAM	28.31	21.89	6.09
	26783	823.3	QPSK	29.21	23.31	5.54
			16-QAM	27.60	21.67	5.98
3M	26705	815.5	QPSK	28.67	23.39	5.15
			16-QAM	29.60	22.09	7.17
	26740	819	QPSK	29.11	23.25	5.54
			16-QAM	27.94	21.89	5.67
	26775	822.5	QPSK	29.13	23.24	5.54
			16-QAM	27.86	21.94	5.80
5M	26715	816.5	QPSK	29.45	23.30	5.85
			16-QAM	30.19	23.10	6.83
	26740	819	QPSK	28.94	23.32	5.28
			16-QAM	30.40	23.47	6.74
	26765	821.5	QPSK	29.47	23.32	5.91
			16-QAM	29.96	23.59	6.22
10M	26740	819_1RB Low	QPSK	29.12	22.94	5.80
			16-QAM	29.76	22.90	6.63
	26740	819_1RB Low	QPSK	29.04	22.90	5.83
			16-QAM	29.68	22.67	6.72

B26_CH26697_1.4M_1RB0_QPSK_Ratio (Part 90)

B26_CH26740_1.4M_1RB0_QPSK_Ratio (Part 90)

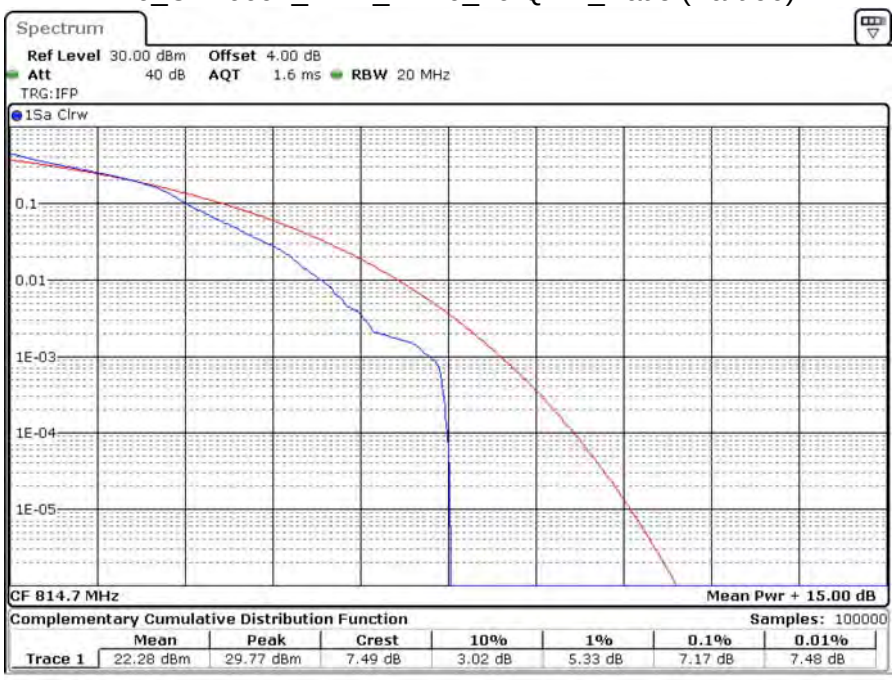


B26_CH26783_1.4M_1RB5_QPSK_Ratio (Part 90)



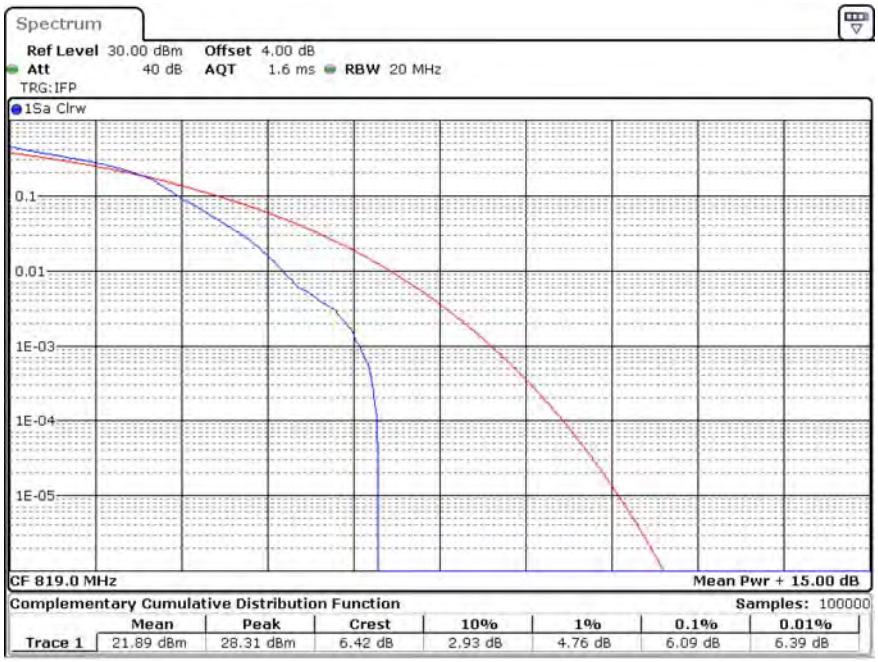
Date: 10.FEB.2020 16:48:28

B26_CH26697_1.4M_1RB0_16-QAM_Ratio (Part 90)



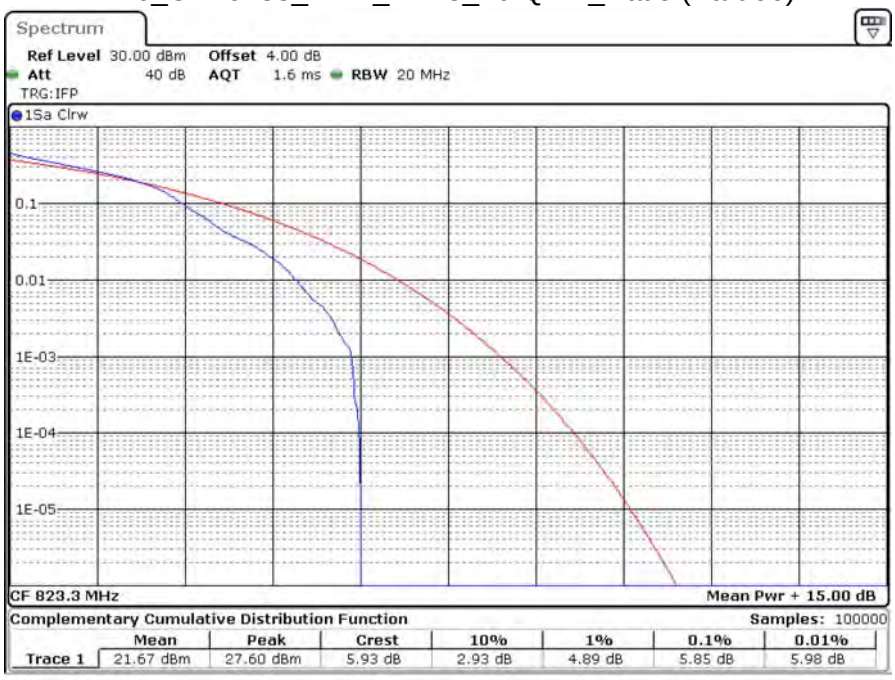
Date: 10.FEB.2020 16:40:12

B26_CH26740_1.4M_1RB0_16-QAM_Ratio (Part 90)



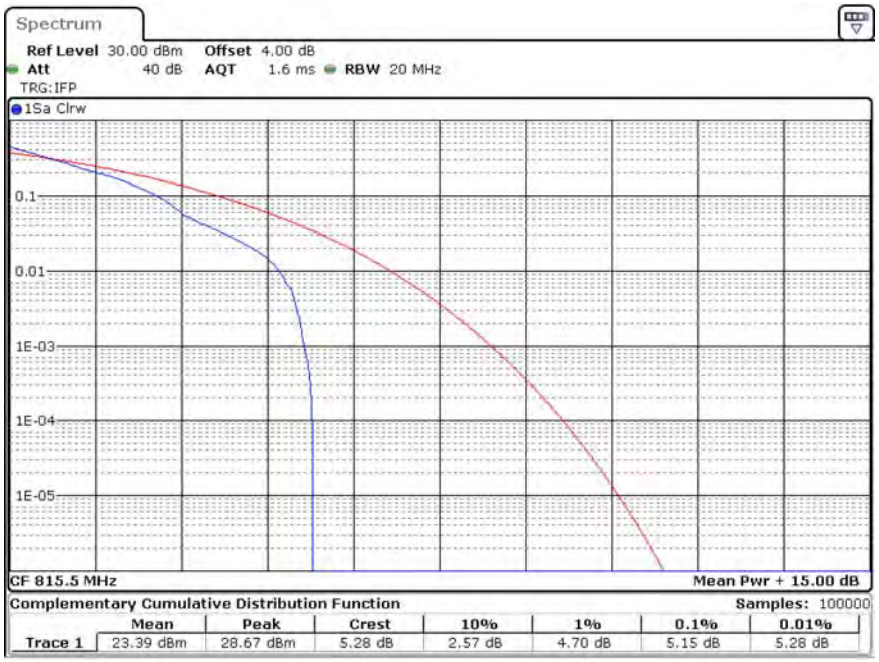
Date: 10.FEB.2020 16:35:11

B26_CH26783_1.4M_1RB5_16-QAM_Ratio (Part 90)



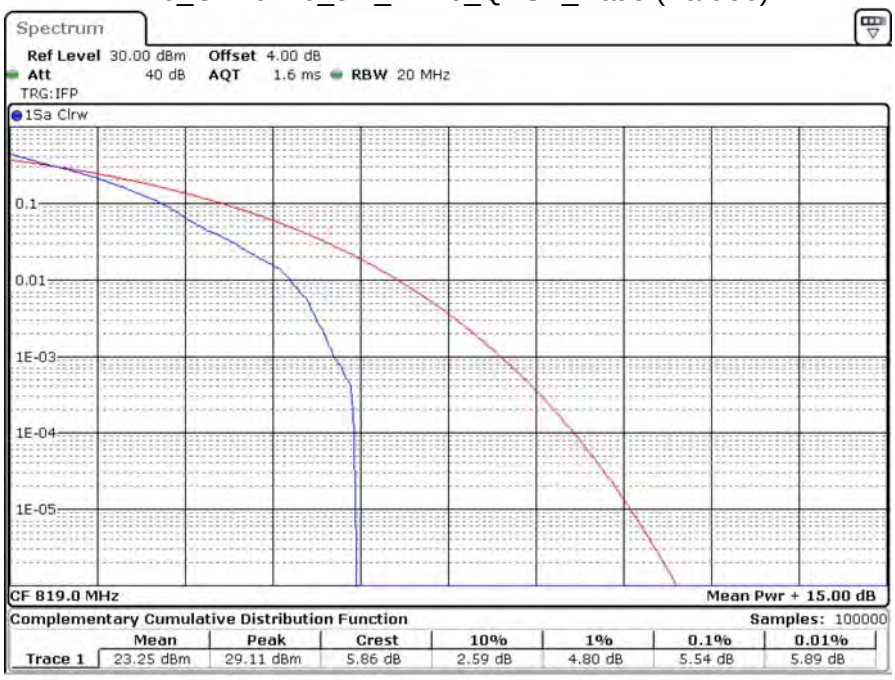
Date: 10.FEB.2020 16:48:42

B26_CH26705_3M_1RB0_QPSK_Ratio (Part 90)



Date: 10.FEB.2020 16:56:13

B26_CH26740_3M_1RB0_QPSK_Ratio (Part 90)



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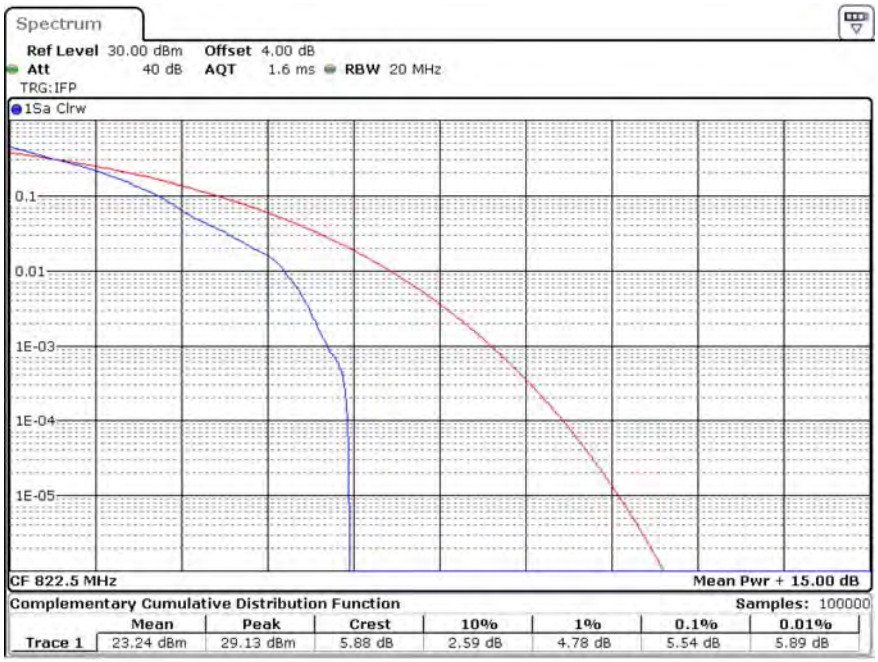

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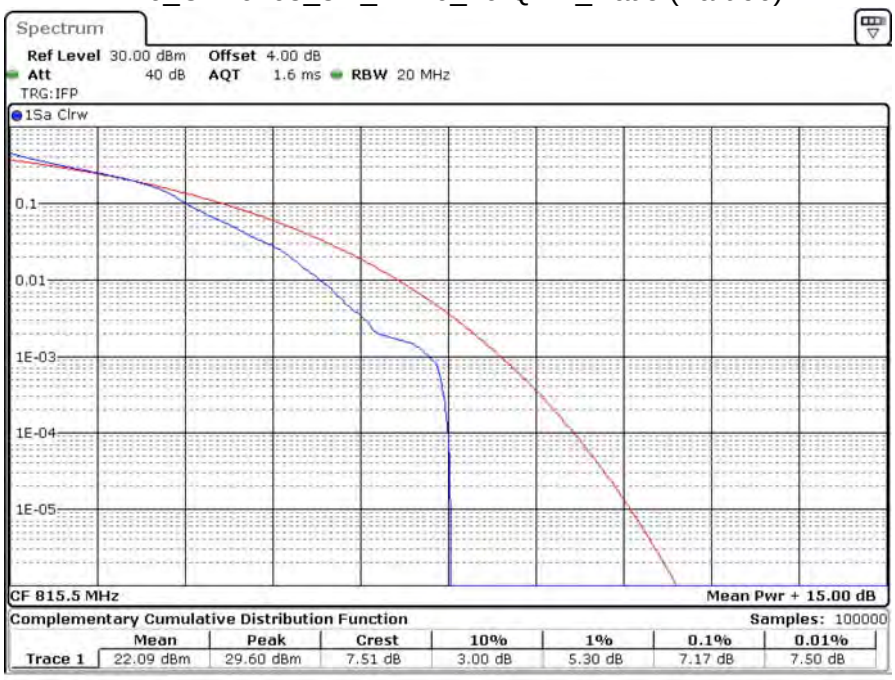

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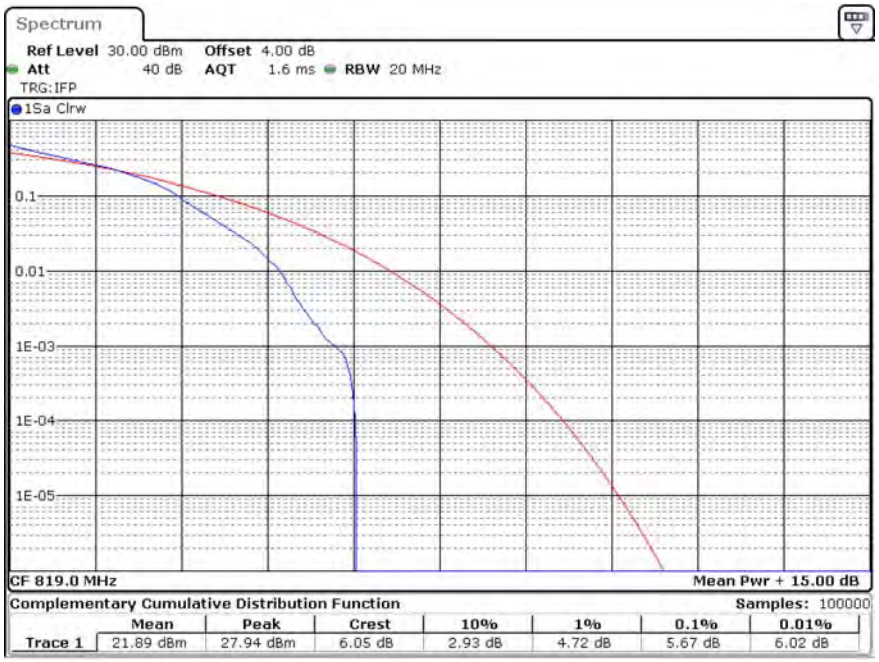

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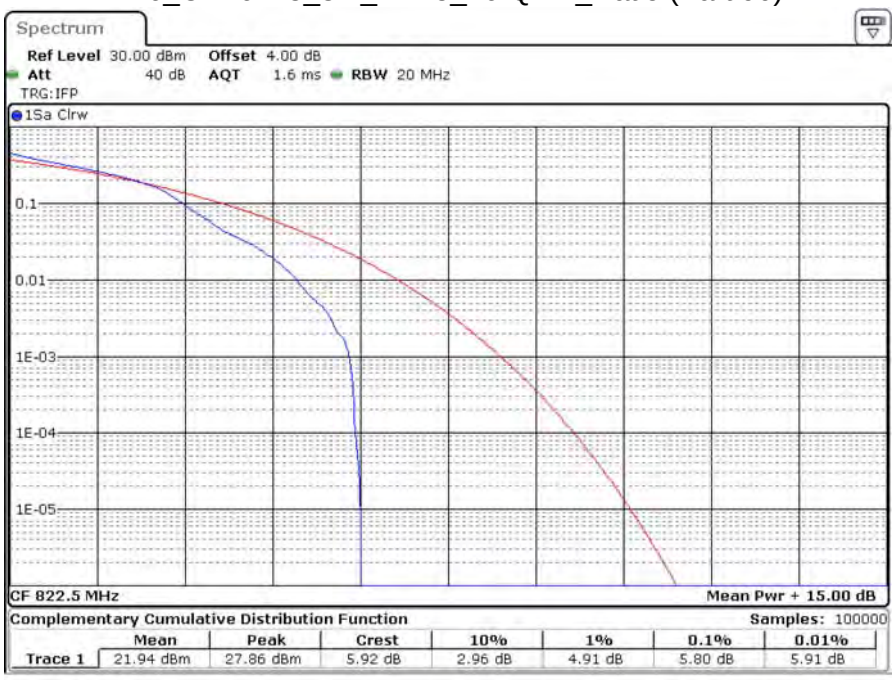

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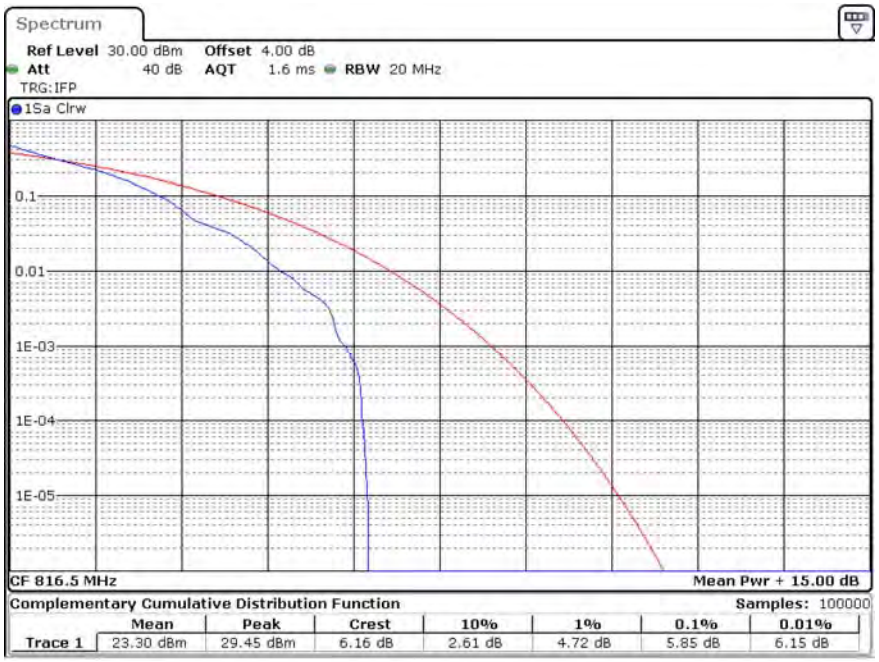

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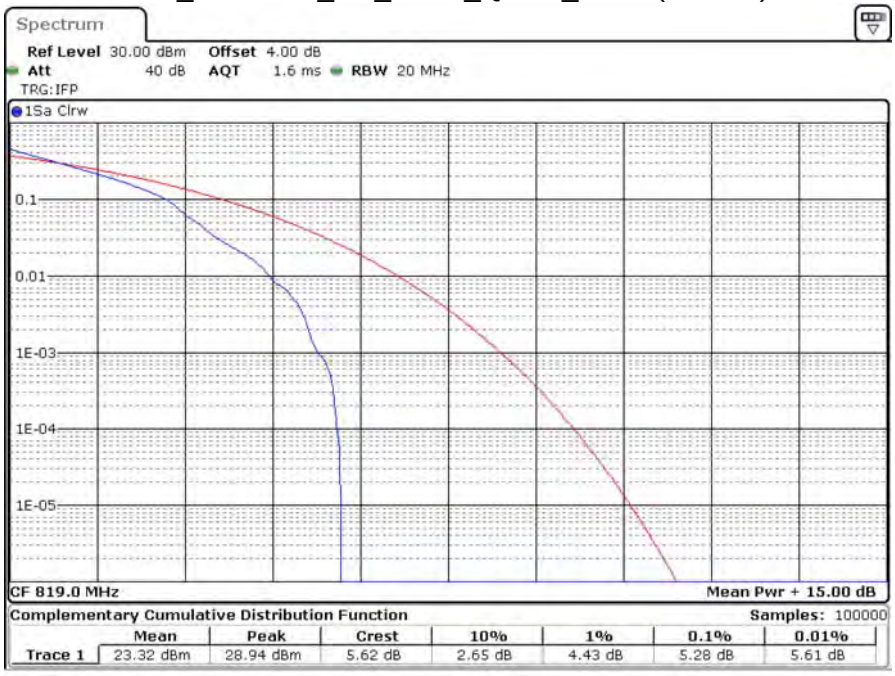
B26_CH26740_5M_1RB0_QPSK_Ratio (Part 90)



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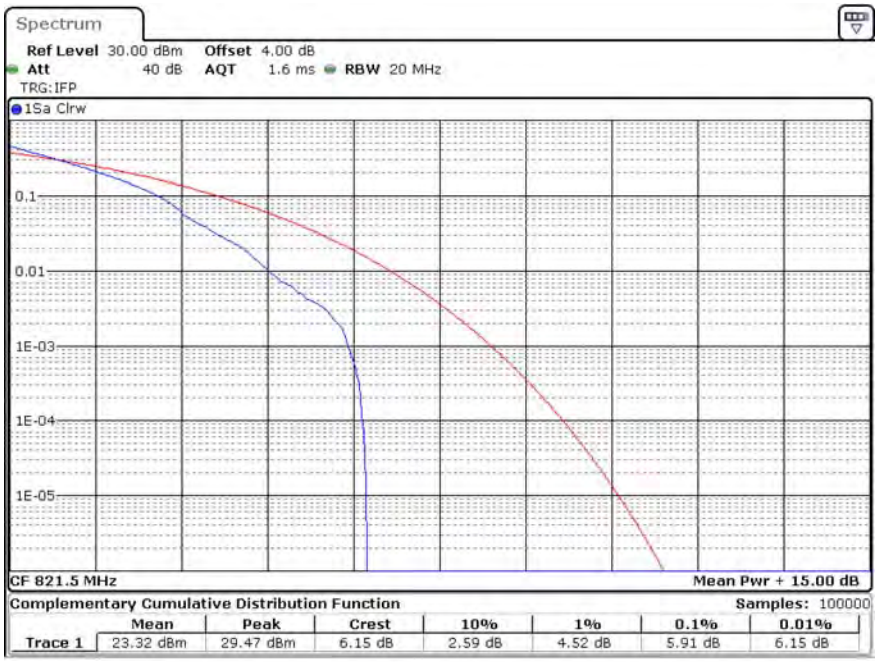

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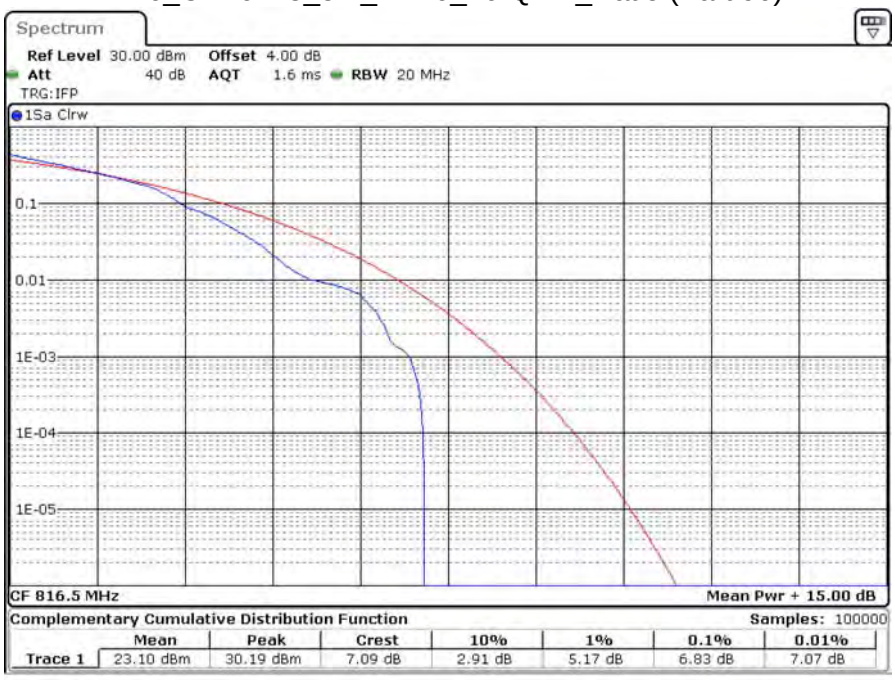

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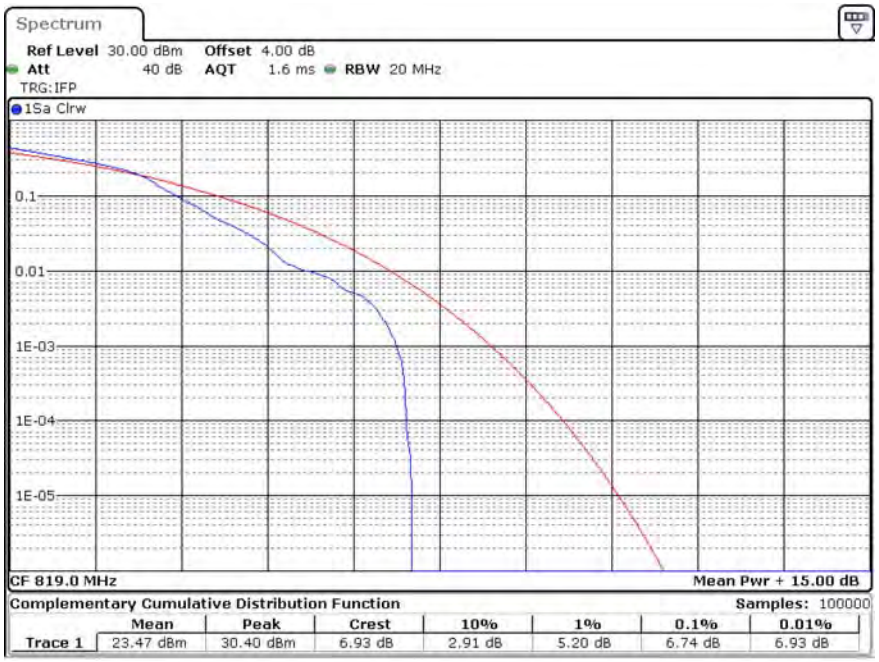

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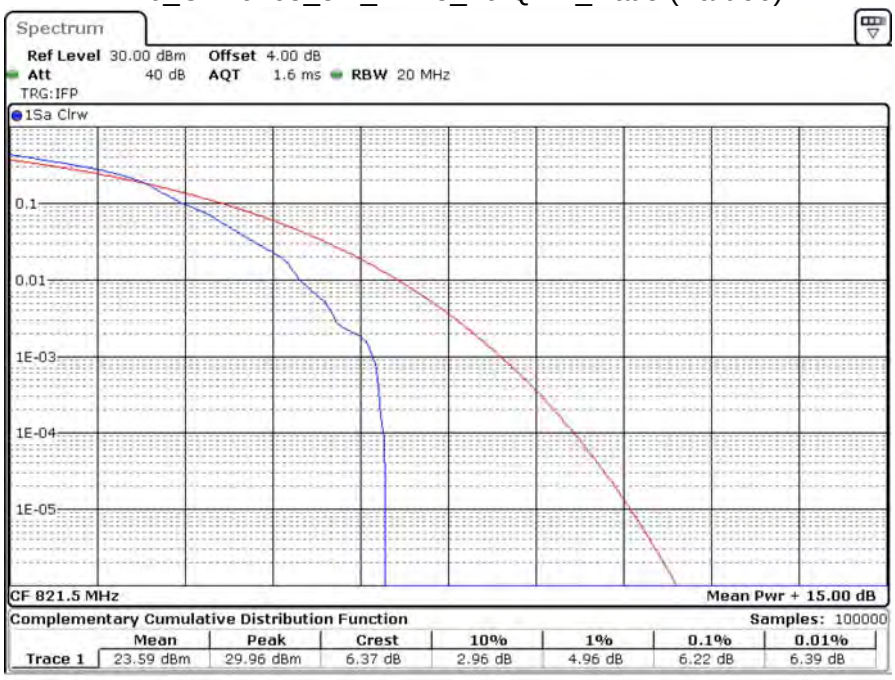

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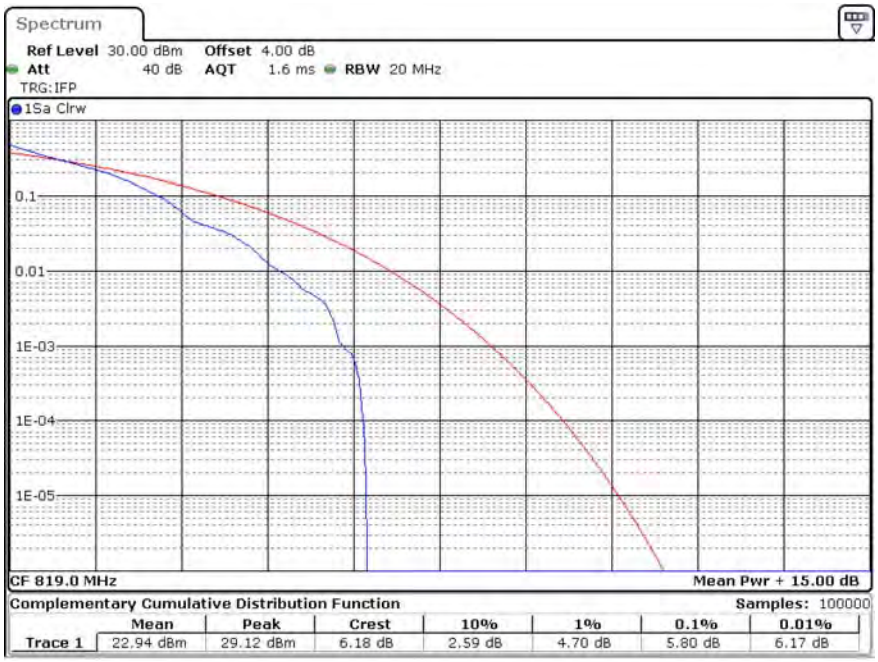
B26_CH26740_10M_1RB0_QPSK__LOW_Ratio (Part 90)



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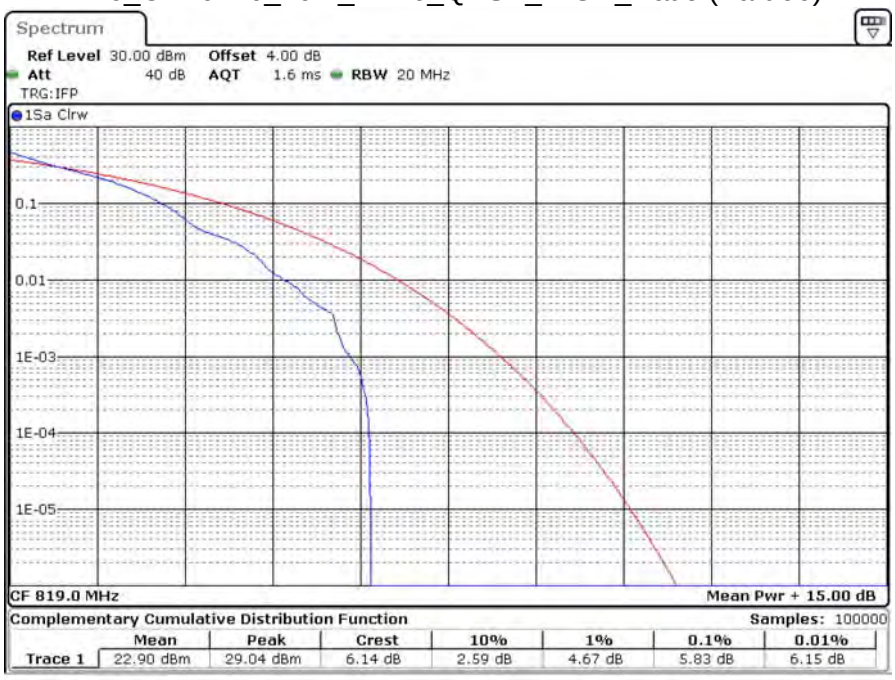
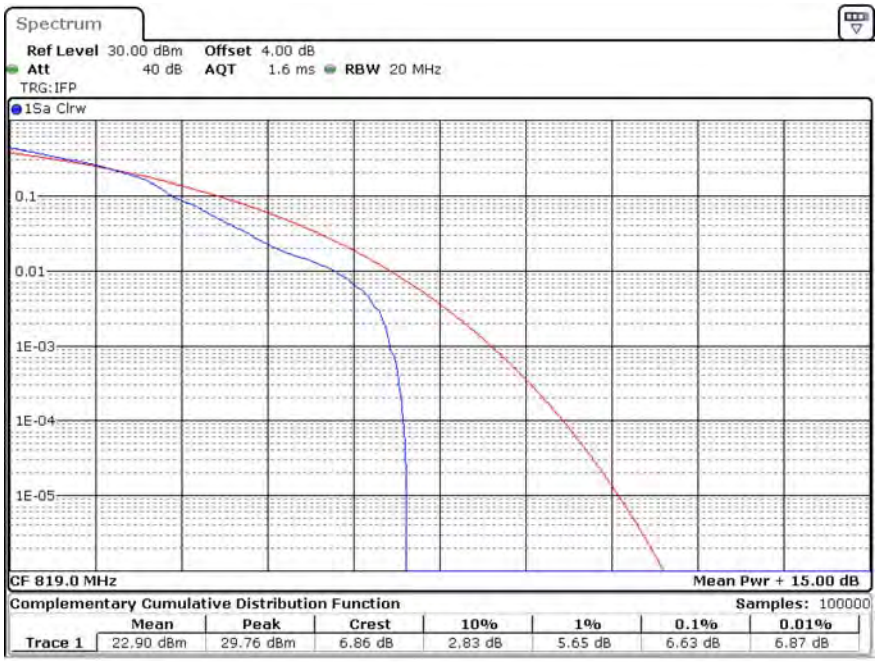
B26_CH26740_10M_1RB0_QPSK_HIGH_Ratio (Part 90)



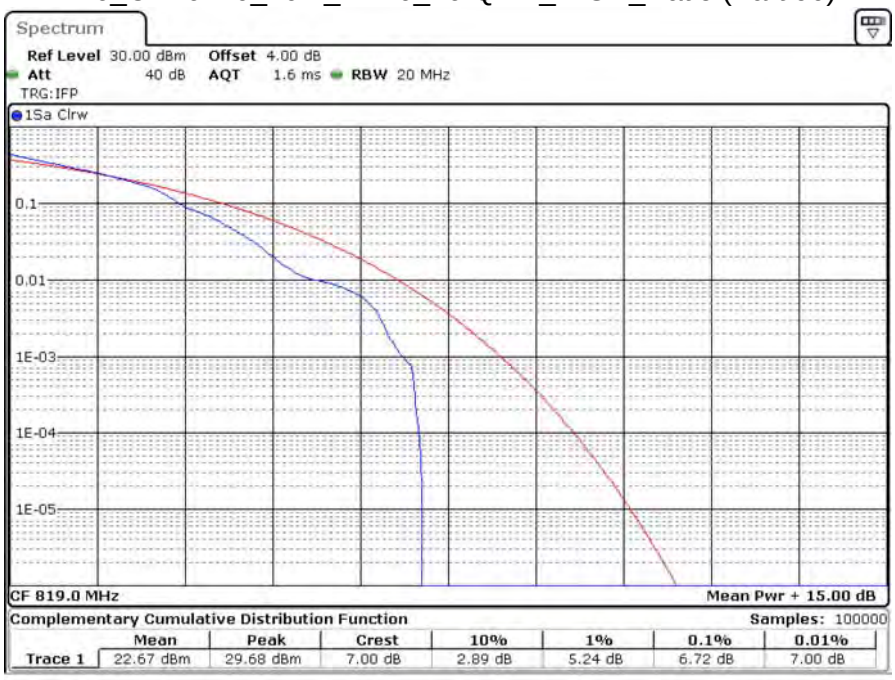
Date: 10.FEB.2020 18:53:32

B26_CH26740_10M_1RB0_16-QAM_LOW_Ratio (Part 90)



Date: 10.FEB.2020 18:52:49

B26_CH26740_10M_1RB0_16-QAM_HIGH_Ratio (Part 90)



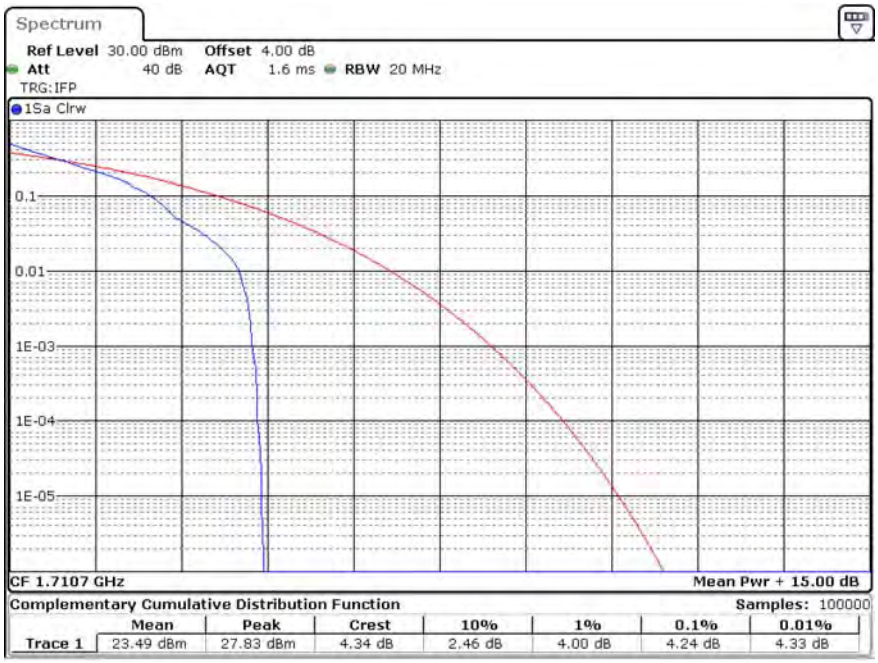
Date: 10.FEB.2020 18:53:14

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 8：LTE Cat-M1_Band 66		
Date of Test	2020/02/11~2020/02/12	Test Site	SR12-H
Temperature (°C)	20.0	Humidity (%RH)	56.0

Band width (MHz)	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4M	131979	1710.7	QPSK	27.83	23.49	4.24
			16-QAM	28.28	22.25	5.85
	132322	1745	QPSK	26.78	21.38	5.24
			16-QAM	26.81	21.43	5.24
	132665	1779.3	QPSK	27.93	22.97	4.83
			16-QAM	27.76	22.19	5.35
3M	131987	1711.5	QPSK	28.01	23.11	4.70
			16-QAM	27.10	21.79	5.17
	132322	1745	QPSK	27.94	23.06	4.67
			16-QAM	27.12	21.83	5.15
	132657	1778.5	QPSK	27.58	23.25	4.26
			16-QAM	27.95	22.05	5.72
5M	131997	1712.5	QPSK	28.06	23.03	4.85
			16-QAM	28.40	22.83	5.41
	132322	1745	QPSK	28.00	23.09	4.74
			16-QAM	28.28	22.79	5.37
	132647	1777.5	QPSK	27.99	22.99	4.83
			16-QAM	28.24	22.97	5.17
10M	132022	1715	QPSK	27.90	22.73	4.96
			16-QAM	28.20	22.73	5.35
	132322	1745	QPSK	27.64	22.63	4.83
			16-QAM	27.94	22.45	5.35
	132622	1775	QPSK	27.63	22.50	4.72
			16-QAM	27.66	22.35	5.17

Band width (MHz)	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
15M	132047	1717.5	QPSK	26.95	21.90	4.85
			16-QAM	27.31	21.70	5.41
	132322	1745	QPSK	26.94	21.96	4.78
			16-QAM	27.24	21.78	5.30
	132597	1772.5	QPSK	26.72	21.72	4.83
			16-QAM	26.97	21.68	5.17
20M	132072	1720	QPSK	26.05	20.99	4.85
			16-QAM	26.35	20.76	5.41
	132322	1745	QPSK	26.02	21.02	4.80
			16-QAM	26.31	20.84	5.30
	132572	1770	QPSK	25.87	20.87	4.83
			16-QAM	26.13	20.84	5.17

B66_CH131979_1.4M_1RB0_QPSK_Ratio

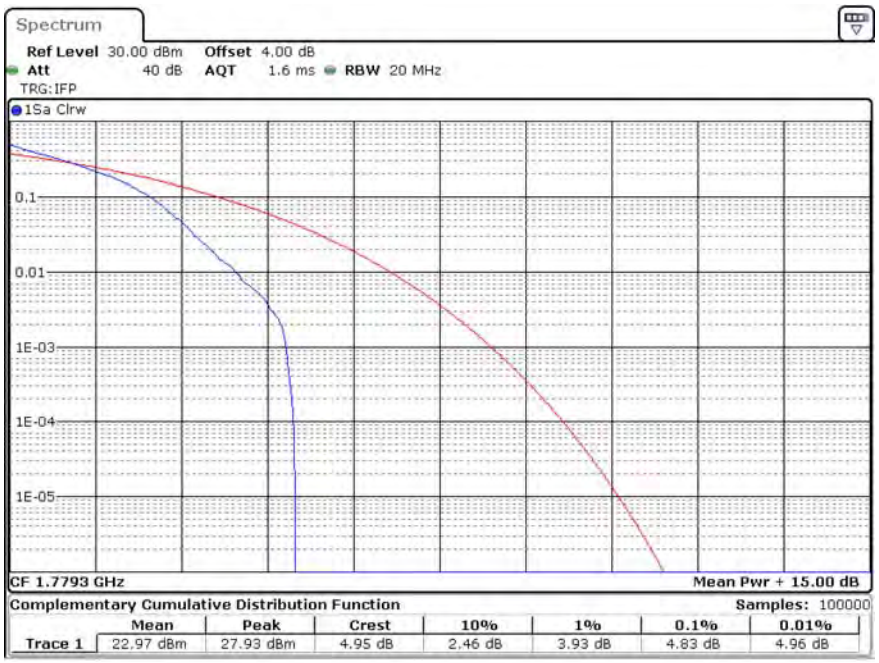


Date: 11.FEB.2020 19:23:19

B66_CH132322_1.4M_1RB0_QPSK_Ratio

Date: 11.FEB.2020 19:10:24

B66_CH132665_1.4M_1RB5_QPSK_Ratio



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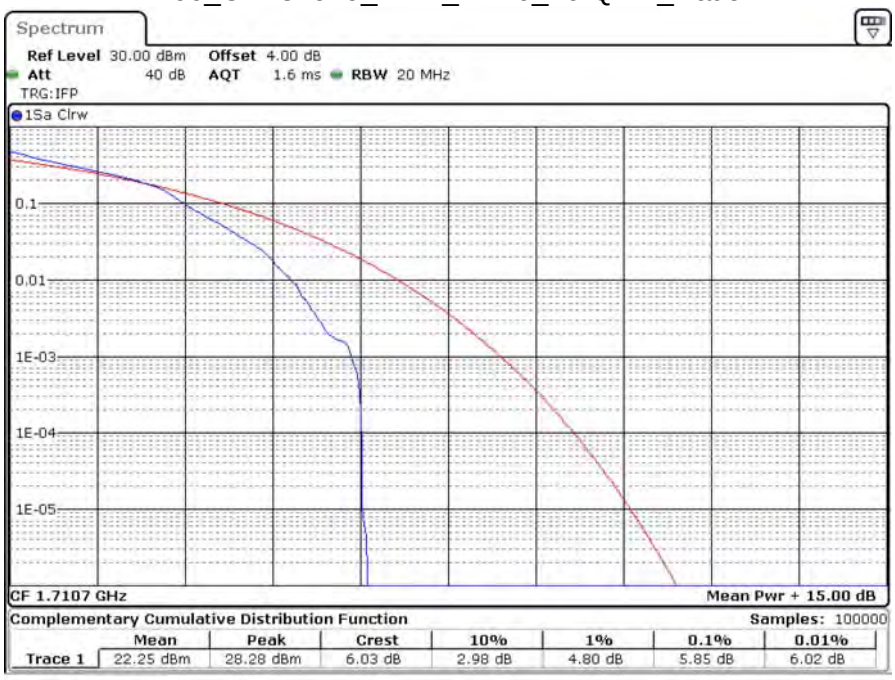
B66_CH131979_1.4M_1RB0_16-QAM_Ratio



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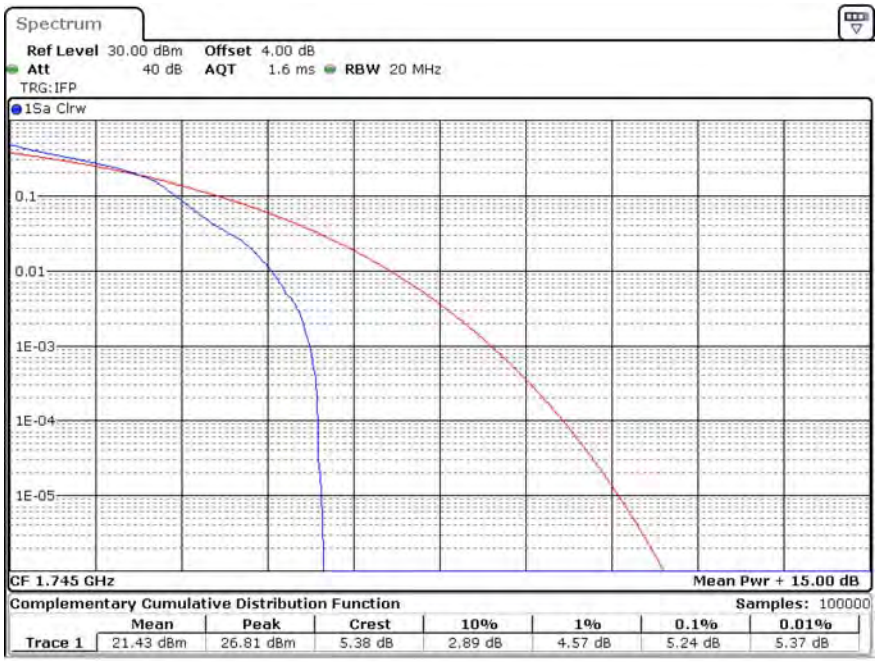
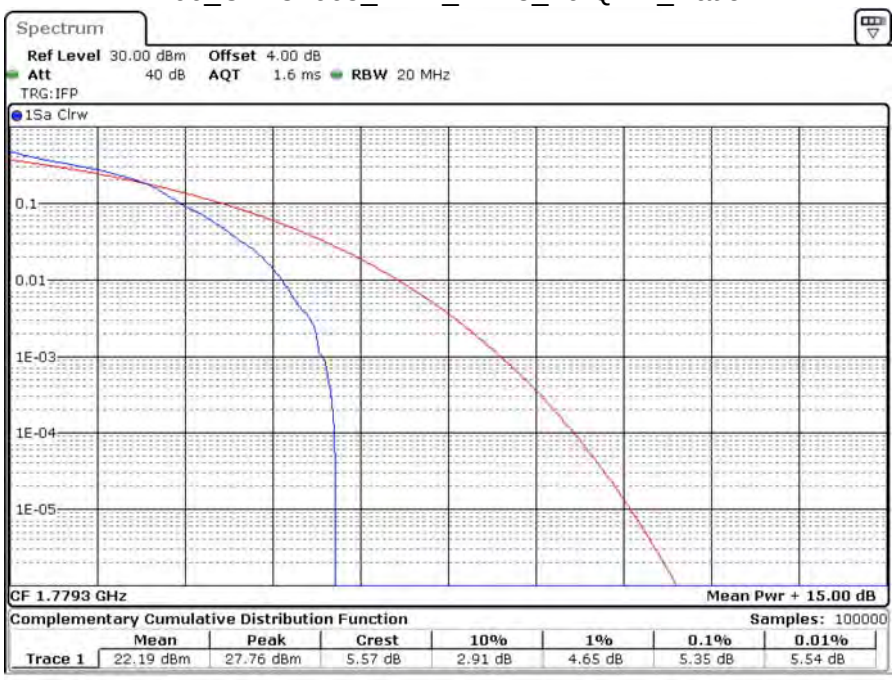
B66_CH132322_1.4M_1RB0_16-QAM_Ratio



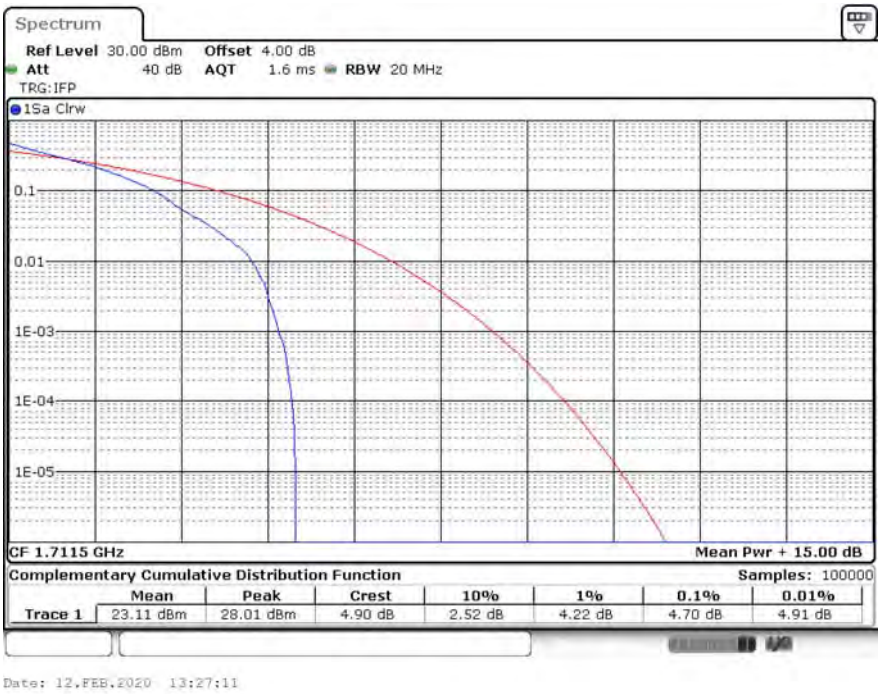
Date: 11.FEB.2020 19:10:48

B66_CH132665_1.4M_1RB5_16-QAM_Ratio



Date: 11.FEB.2020 19:27:09

B66_CH131987_3M_1RB0_QPSK_Ratio

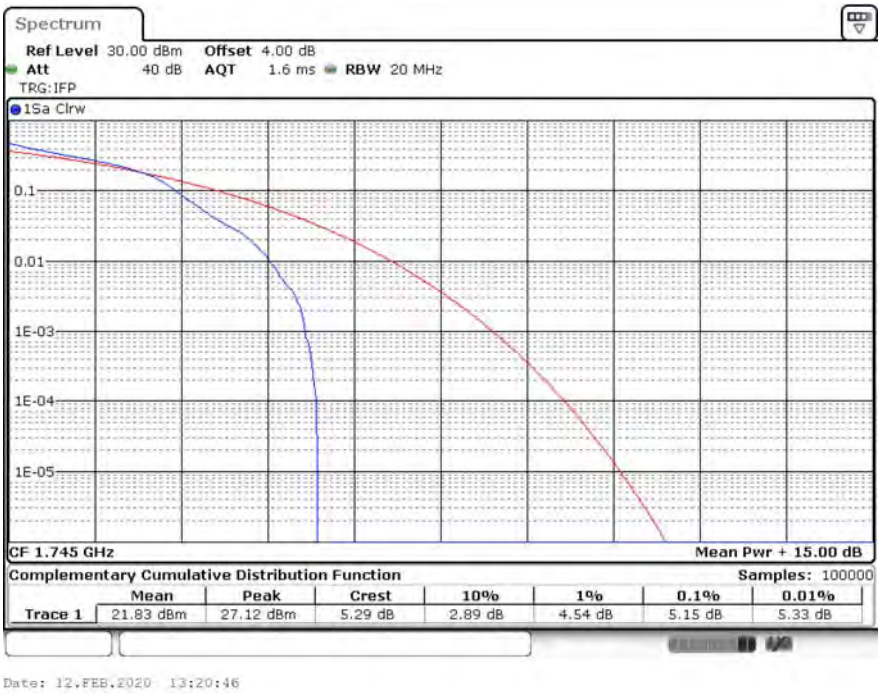


B66_CH132322_3M_1RB0_QPSK_Ratio

B66_CH132657_3M_1RB5_QPSK_Ratio

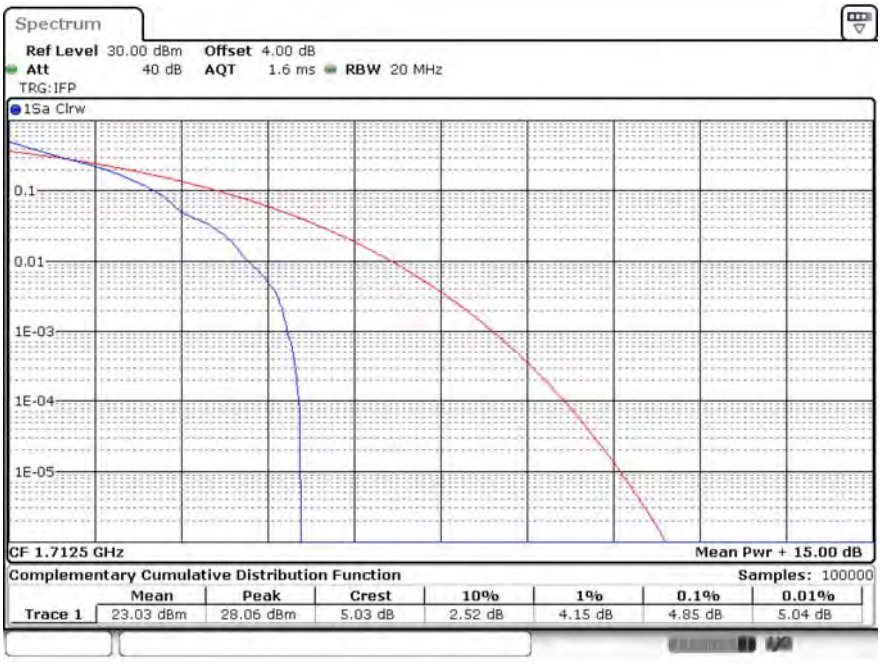
B66_CH131987_3M_1RB0_16-QAM_Ratio

B66_CH132322_3M_1RB0_16-QAM_Ratio

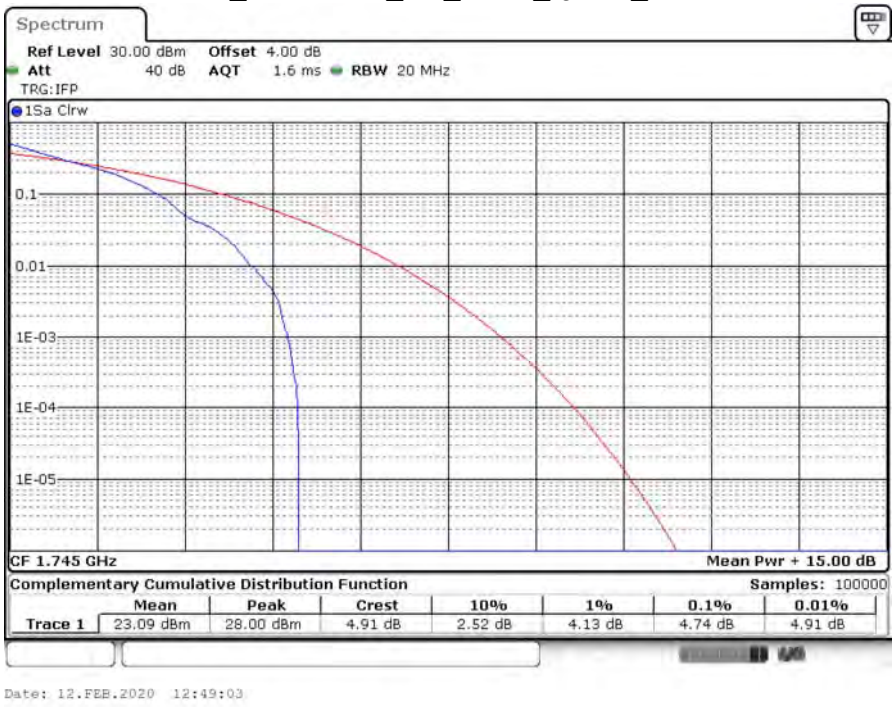


B66_CH132657_3M_1RB5_16-QAM_Ratio

B66_CH131997_5M_1RB0_QPSK_Ratio



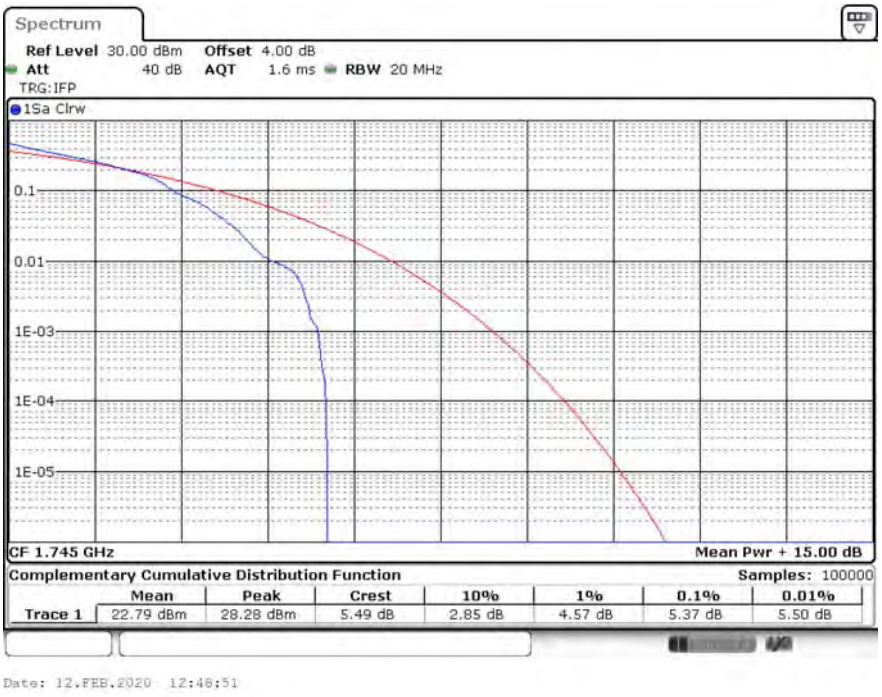
B66_CH132322_5M_1RB0_QPSK_Ratio



B66_CH132647_5M_1RB5_QPSK_Ratio

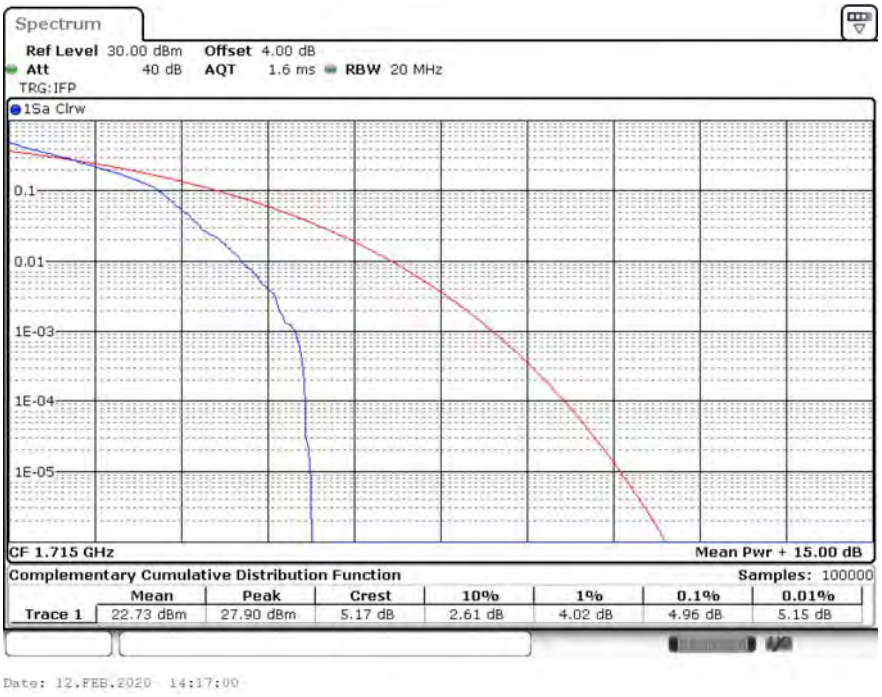
B66_CH131997_5M_1RB0_16-QAM_Ratio

B66_CH132322_5M_1RB0_16-QAM_Ratio

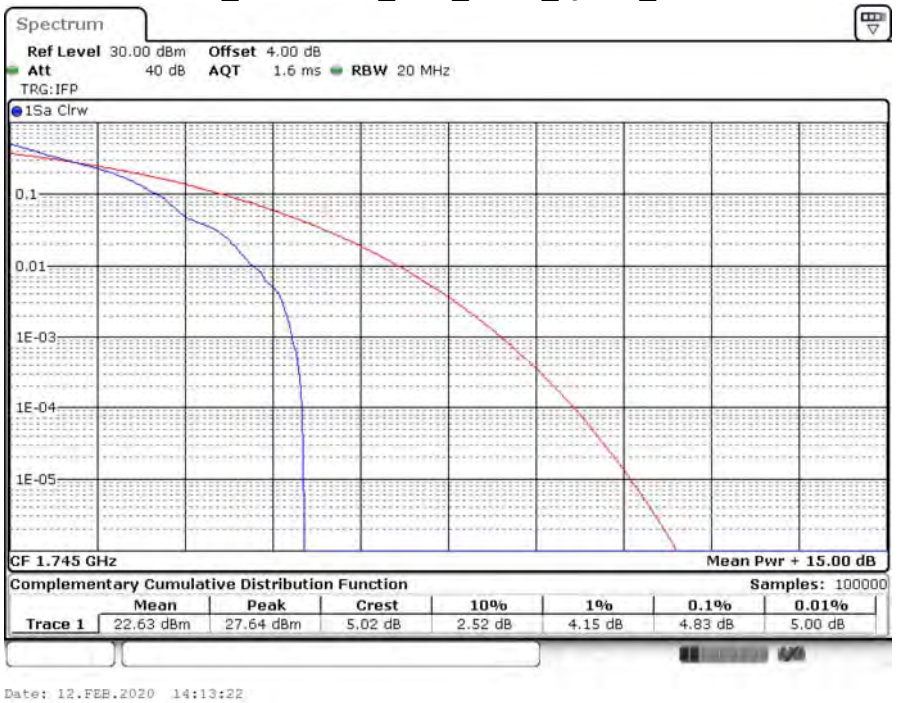


B66_CH132647_5M_1RB5_16-QAM_Ratio

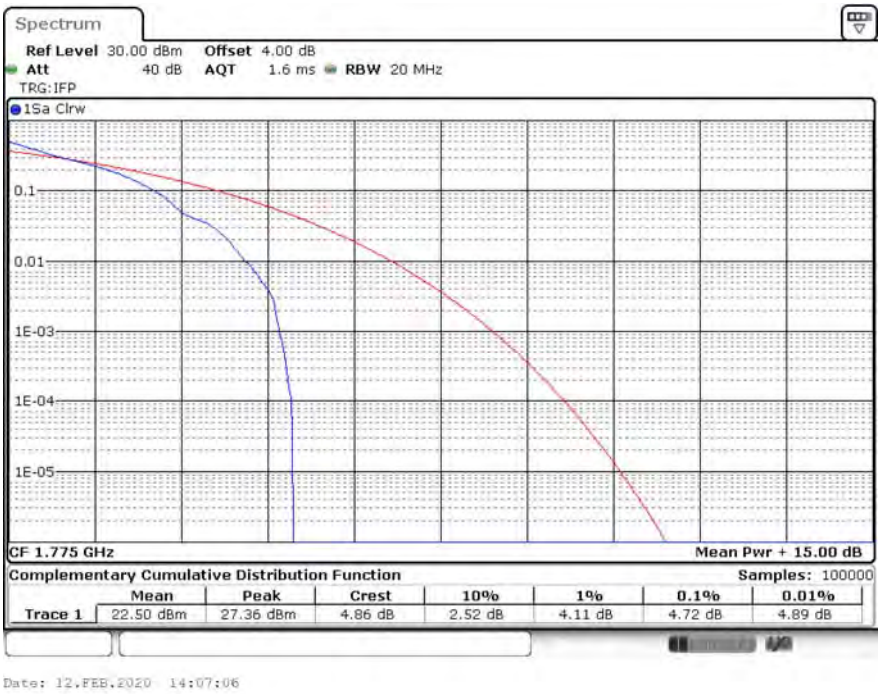
B66_CH132022_10M_1RB0_QPSK_Ratio



B66_CH132322_10M_1RB0_QPSK_Ratio

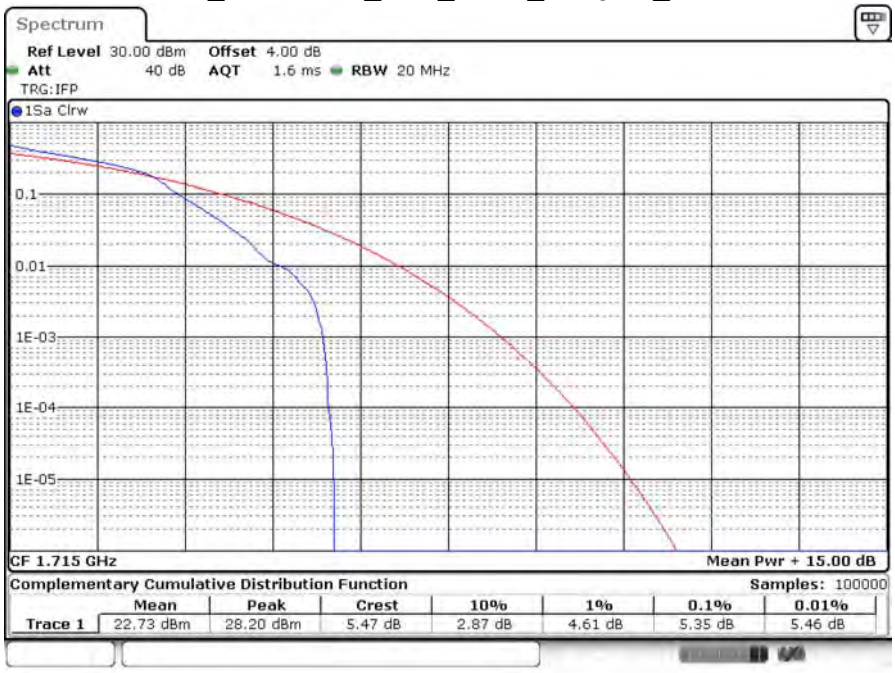


B66_CH132622_10M_1RB5_QPSK_Ratio



Date: 12.FEB.2020 14:07:06

B66_CH132022_10M_1RB0_16-QAM_Ratio



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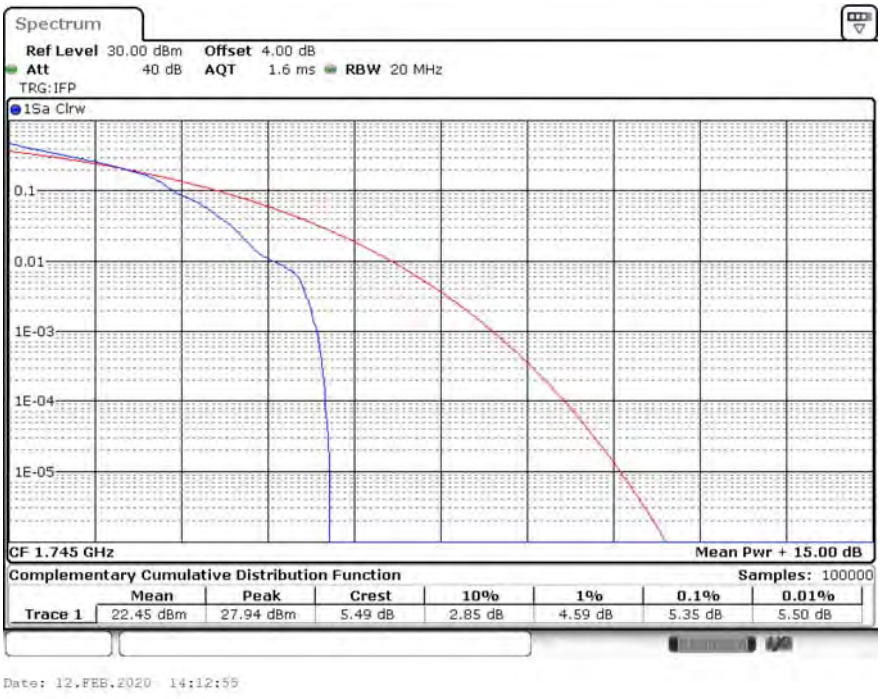


B66_CH132622_10M_1RB5_16-QAM_Ratio

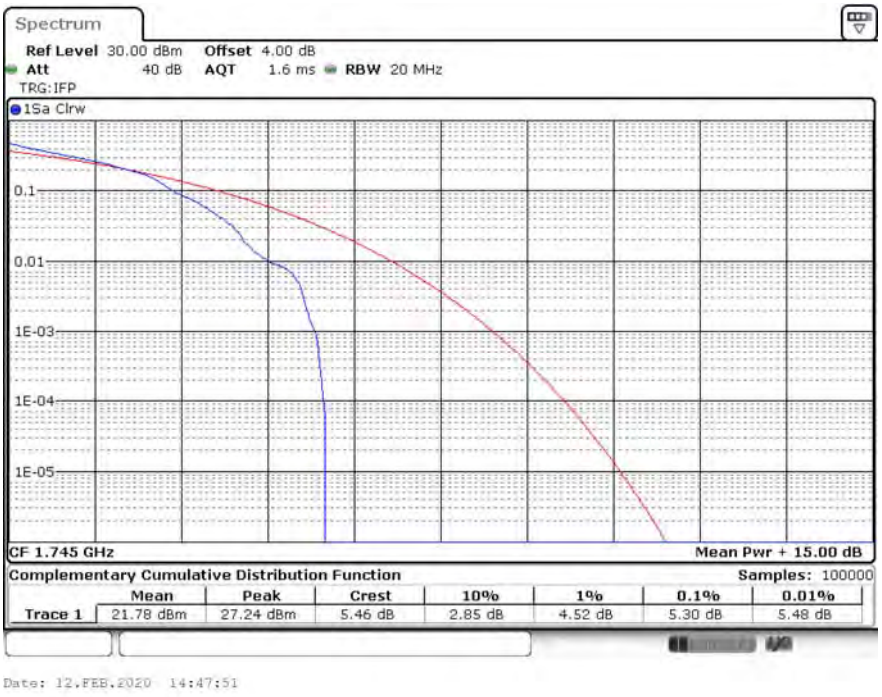
B66_CH132047_15M_1RB0_QPSK_Ratio

B66_CH132322_15M_1RB0_QPSK_Ratio

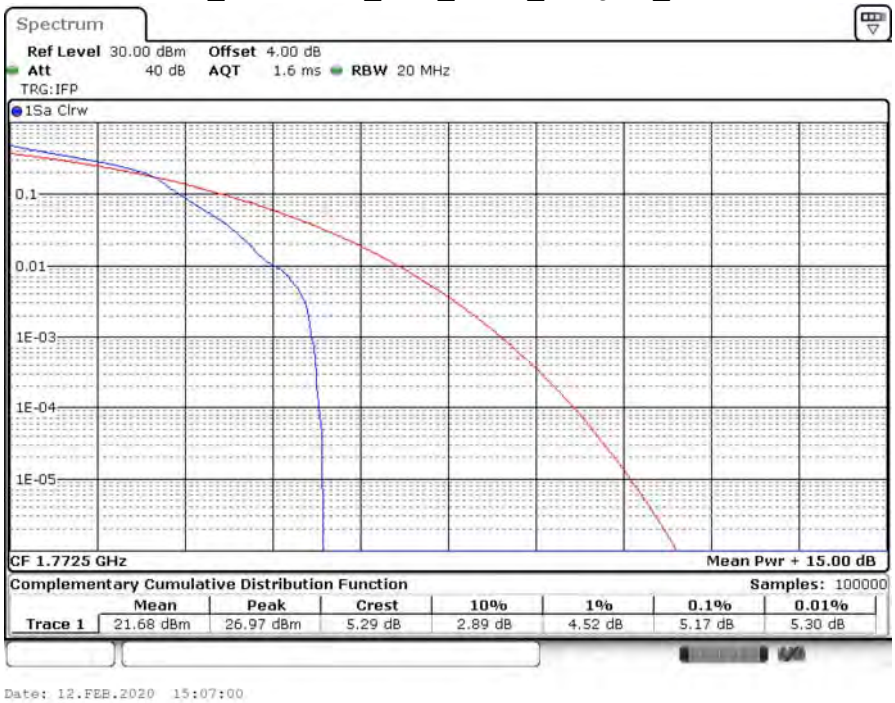
B66_CH132597_15M_1RB5_QPSK_Ratio

B66_CH132047_15M_1RB0_16-QAM_Ratio

B66_CH132322_15M_1RB0_16-QAM_Ratio



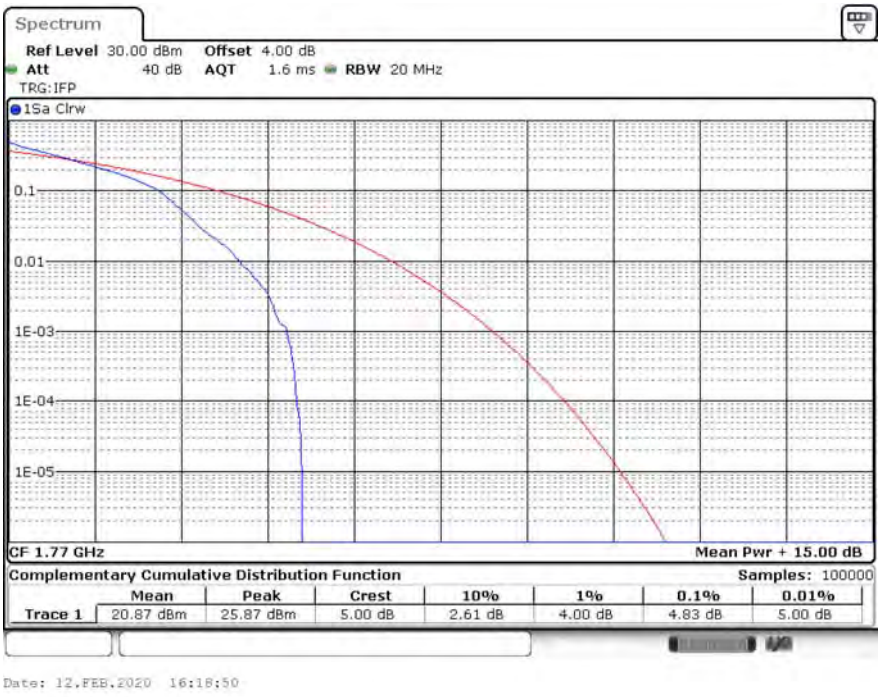
B66_CH132597_15M_1RB5_16-QAM_Ratio



B66_CH132072_20M_1RB0_QPSK_Ratio

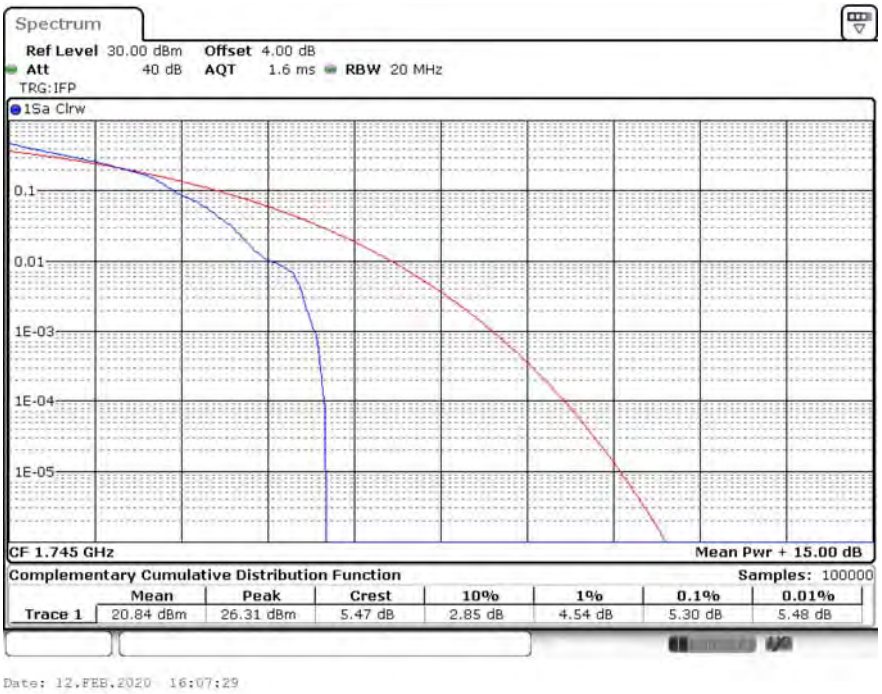
B66_CH132322_20M_1RB0_QPSK_Ratio

B66_CH132572_20M_1RB5_QPSK_Ratio



B66_CH132072_20M_1RB0_16-QAM_Ratio

B66_CH132322_20M_1RB0_16-QAM_Ratio

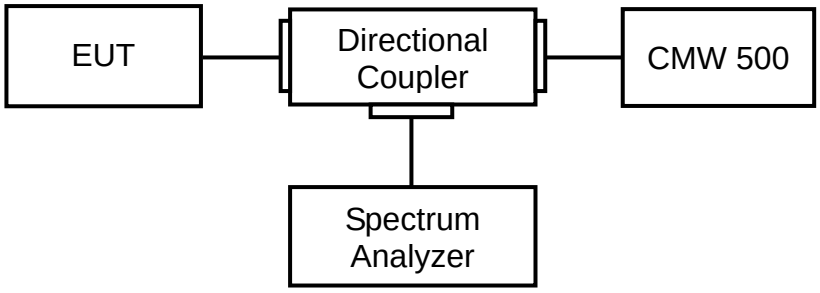


B66_CH132572_20M_1RB5_16-QAM_Ratio

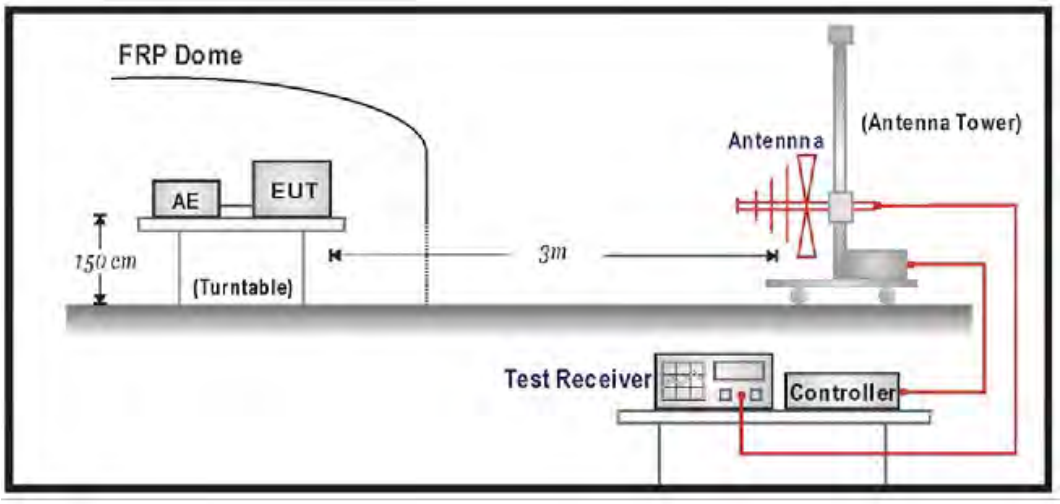
6. Spurious Emissions

6.1. Test Setup

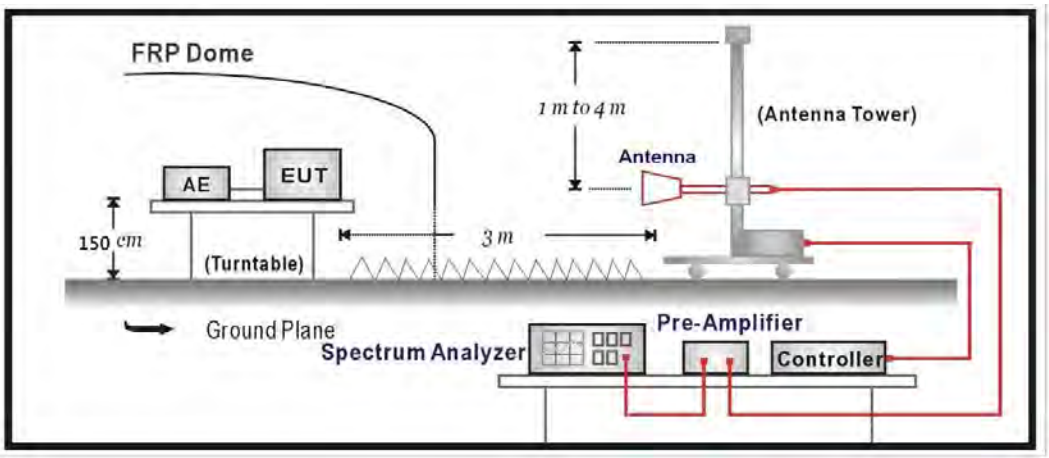
Conducted Spurious Measurement:



Radiated Spurious Measurement (below 1GHz)



Radiated Spurious Measurement (above 1GHz)



6.2. Test Procedure

Conducted Spurious Measurement:

a) Place the EUT on a bench and set it in transmitting mode.
b) Connect a low loss RF cable from the antenna port to a spectrum analyzer and CMW500 by a Directional Couple.
c) EUT Communicate with CMW500, then select a channel for testing.
d) Add a correction factor to the display of spectrum, and then test.
e) The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10^{th} harmonic.

Radiated Spurious Measurement:

a) The EUT was placed on a rotatable wooden table with 1.5 meter above ground.
b) The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
c) The table was rotated 360 degrees to determine the position of the highest spurious emission.
d) The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
e) Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 1MHz, Sweep 500ms, Taking the record of maximum spurious emission.
f) A horn antenna was substituted in place of the EUT and was driven by a signal generator.
g) Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
h) Taking the record of output power at antenna port
i) Repeat step 7 to step 8 for another polarization.
j) EIRP = SG - Cable loss + Antenna Gain

6.3. Test Method

Conducted Spurious Measurement:

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 6.1
ANSI C63.26: 2015 Sub-clause 5.7

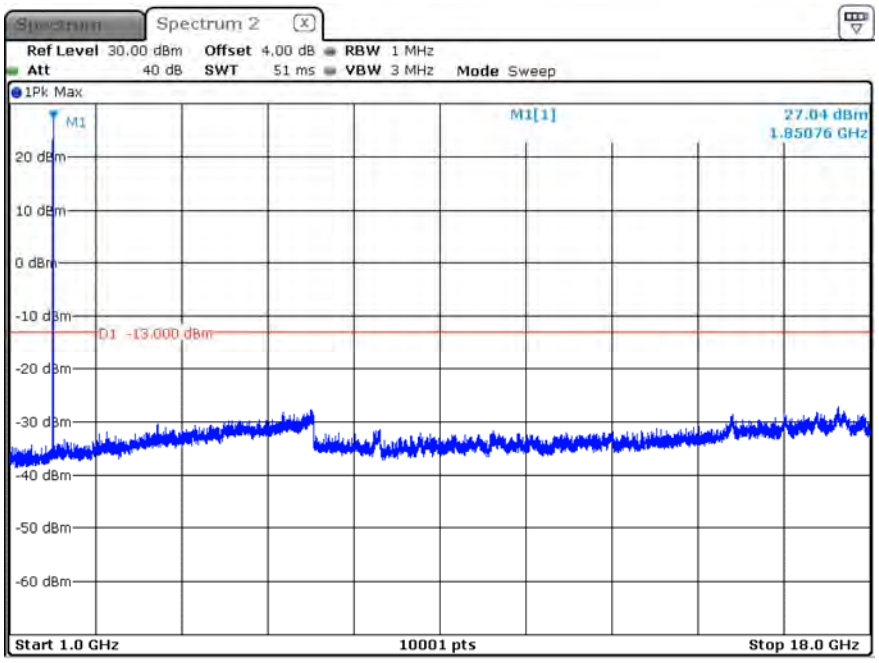
Radiated Spurious Measurement:

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 5.8
ANSI C63.26: 2015 Sub-clause 5.5.3.2

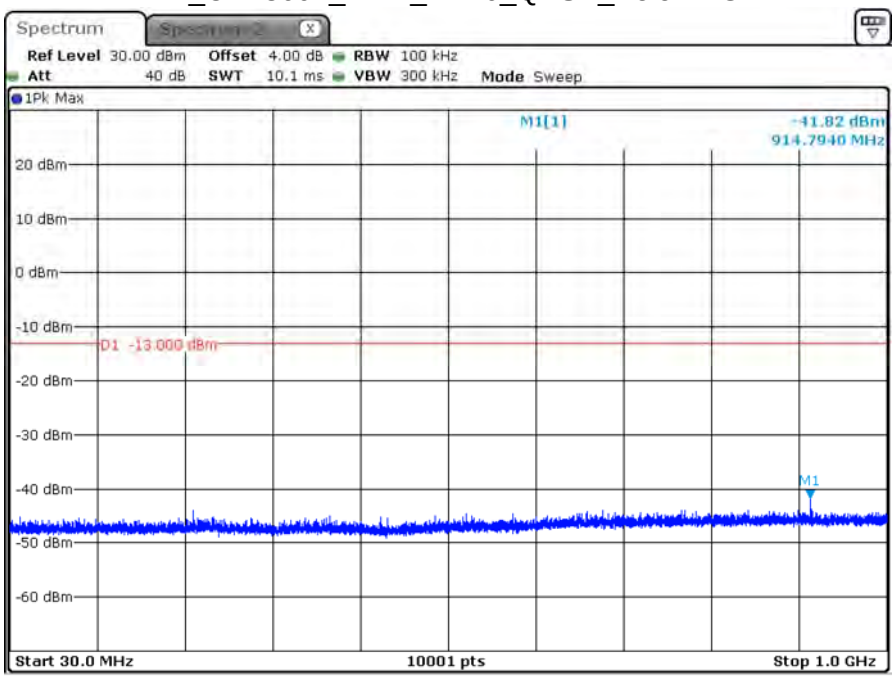
6.4. Test Result

Product	Module		
Test Item	Conducted Spurious Emissions		
Test Mode	Mode 1：LTE Cat-M1_Band 2		
Date of Test	2020/02/13	Test Site	SR12-H
Temperature (°C)	22.0	Humidity (%RH)	62.0

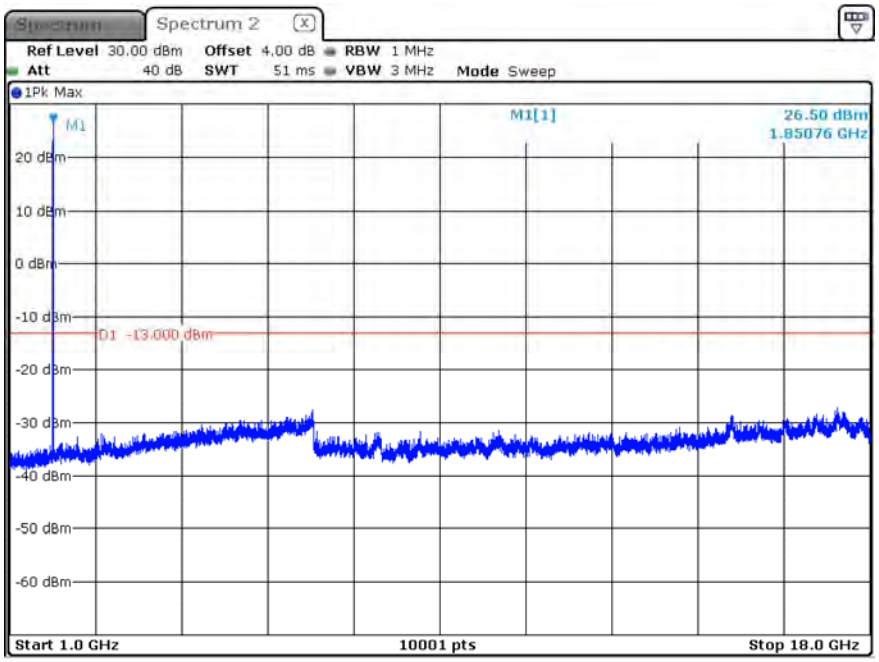
B2_CH18607_1.4M_1RB0_QPSK_Above 1G



B2_CH18607_1.4M_1RB0_QPSK_Below 1G



B2_CH18607_1.4M_1RB0_16-QAM_Above 1G



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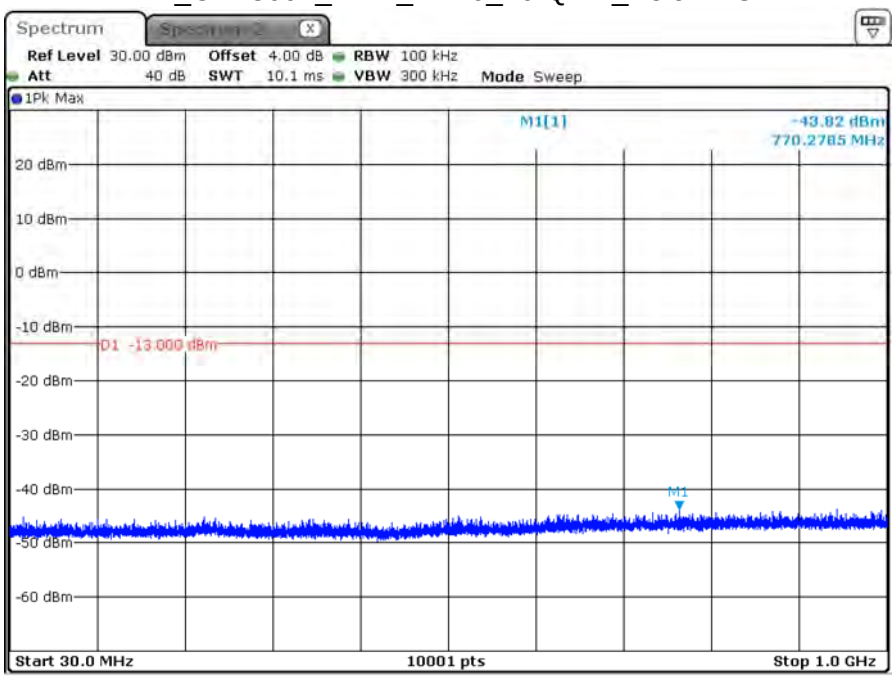

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