



LTE Band 41 CA (GT - LC = 4.40 dBi) 16QAM									
Bandwidth	15M + 15M			5M + 20M			20M + 5M		
Channel PCC	39725	40545	41365	39683	40528	41373	39750	40595	41440
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39875	40695	41515	39800	40645	41490	39867	40712	41557
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.12	22.01	22.15	21.68	21.54	21.74	21.75	21.56	21.86
Conducted Power (Watts)	0.1629	0.1589	0.1641	0.1472	0.1426	0.1493	0.1496	0.1432	0.1535
EIRP(dBm)	26.52	26.41	26.55	26.08	25.94	26.14	26.15	25.96	26.26
EIRP(Watts)	0.4487	0.4375	0.4519	0.4055	0.3926	0.4111	0.4121	0.3945	0.4227

LTE Band 41 CA (GT - LC = 4.40 dBi) 16QAM									
Bandwidth	10M + 20M			20M + 10M			15M + 20M		
Channel PCC	39705	40526	41346	39750	40571	41391	39728	40523	41319
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39849	40670	41490	39894	40715	41535	39899	40694	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	21.98	21.68	21.93	22.13	21.65	21.75	22.05	21.81	21.92
Conducted Power (Watts)	0.1578	0.1472	0.1560	0.1633	0.1462	0.1496	0.1603	0.1517	0.1556
EIRP(dBm)	26.38	26.08	26.33	26.53	26.05	26.15	26.45	26.21	26.32
EIRP(Watts)	0.4345	0.4055	0.4295	0.4498	0.4027	0.4121	0.4416	0.4178	0.4285



LTE Band 41 CA (GT - LC = 4.40 dBi) 16QAM						
Bandwidth	20M+15M			20M+20M		
Channel PCC	39750	40546	41341	39750	40521	41292
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39921	40717	41512	39948	40719	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	23.32	23.26	23.05	21.82	22.15	21.86
Conducted Power (Watts)	0.2148	0.2118	0.2018	0.1521	0.1641	0.1535
EIRP(dBm)	27.72	27.66	27.45	26.22	26.55	26.26
EIRP(Watts)	0.5916	0.5834	0.5559	0.4188	0.4519	0.4227

LTE Band 41 CA (GT - LC = 4.40 dBi) 16QAM						
Bandwidth	15M+10M			10M+15M		
Channel PCC	39725	40571	41417	39703	40549	41395
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39845	40691	41537	39823	40669	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	22.16	21.78	21.86	21.89	21.76	21.89
Conducted Power (Watts)	0.1644	0.1507	0.1535	0.1545	0.1500	0.1545
EIRP(dBm)	26.56	26.18	26.26	26.29	26.16	26.29
EIRP(Watts)	0.4529	0.4150	0.4227	0.4256	0.4130	0.4256



LTE Band 41 CA (GT - LC = 4.40 dBi) 64QAM									
Bandwidth	15M + 15M			5M + 20M			20M + 5M		
Channel PCC	39725	40545	41365	39683	40528	41373	39750	40595	41440
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39875	40695	41515	39800	40645	41490	39867	40712	41557
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	19.81	19.78	19.74	20.12	20.05	20.12	20.09	20.01	20.05
Conducted Power (Watts)	0.0957	0.0951	0.0942	0.1028	0.1012	0.1028	0.1021	0.1002	0.1012
EIRP(dBm)	24.21	24.18	24.14	24.52	24.45	24.52	24.49	24.41	24.45
EIRP(Watts)	0.2636	0.2618	0.2594	0.2831	0.2786	0.2831	0.2812	0.2761	0.2786

LTE Band 41 CA (GT - LC = 4.40 dBi) 64QAM									
Bandwidth	10M + 20M			20M + 10M			15M + 20M		
Channel PCC	39705	40526	41346	39750	40571	41391	39728	40523	41319
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39849	40670	41490	39894	40715	41535	39899	40694	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	19.80	19.6	19.74	20.14	19.48	19.7	20.06	19.6	19.73
Conducted Power (Watts)	0.0955	0.0912	0.0942	0.1033	0.0887	0.0933	0.1014	0.0912	0.0940
EIRP(dBm)	24.20	24.00	24.14	24.54	23.88	24.10	24.46	24.00	24.13
EIRP(Watts)	0.2630	0.2512	0.2594	0.2844	0.2443	0.2570	0.2793	0.2512	0.2588

LTE Band 41 CA (GT - LC = 4.40 dBi) 64QAM						
Bandwidth	20M+15M			20M+20M		
Channel PCC	39750	40546	41341	39750	40521	41292
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39921	40717	41512	39948	40719	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.31	20.46	20.17	20.77	20.78	20.44
Conducted Power (Watts)	0.1074	0.1112	0.1040	0.1194	0.1197	0.1107
EIRP(dBm)	24.71	24.86	24.57	25.17	25.18	24.84
EIRP(Watts)	0.2958	0.3062	0.2864	0.3289	0.3296	0.3048



LTE Band 41 CA (GT - LC = 4.40 dBi) 64QAM						
Bandwidth	15M+10M			10M+15M		
Channel PCC	39725	40571	41417	39703	40549	41395
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Channel SCC	39845	40691	41537	39823	40669	41490
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Conducted Power (dBm)	20.10	19.86	19.78	19.86	19.83	19.86
Conducted Power (Watts)	0.1023	0.0968	0.0951	0.0968	0.0962	0.0968
EIRP(dBm)	24.50	24.26	24.18	24.26	24.23	24.26
EIRP(Watts)	0.2818	0.2667	0.2618	0.2667	0.2649	0.2667



**Peak-to-Average Ratio**

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.51	4.23	4.72	5.65	PASS
Middle CH	3.57	4.46	5.16	5.8	
Highest CH	3.57	4.32	5.51	5.8	
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	5.97	6.26	-	-	PASS
Middle CH	5.42	6.29	-	-	
Highest CH	5.39	6.35	-	-	

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.68	4.7	5.25	5.97	PASS
Middle CH	3.65	4.7	5.62	5.94	
Highest CH	3.68	4.64	5.48	6.03	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	5.57	5.94	PASS		
Middle CH	5.36	5.94			
Highest CH	5.3	5.94			

Mode	LTE Band 13 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	PASS
Middle CH	3.62	4.67	5.01	5.97	
Highest CH	-	-	-	-	
Mode	LTE Band 13 / 10MHz				
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	-	-	-	-	PASS
Middle CH	6.2	6.41	-	-	
Highest CH	-	-	-	-	



Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.35	4.61	5.74	PASS
Middle CH	3.62	4.52	4.64	5.86	
Highest CH	3.57	4.41	5.28	5.62	
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	5.74	6.35	-	-	PASS
Middle CH	5.74	6.38	-	-	
Highest CH	5.86	6.23	-	-	

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.67	5.13	6.03	PASS
Middle CH	3.59	4.78	5.22	6.09	
Highest CH	3.57	4.75	5.25	6	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	6.35	6.43	PASS		
Middle CH	6.29	6.46			
Highest CH	6.75	6.52			

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.51	6.2	5.57	6.43	PASS
Middle CH	3.88	4.75	6.58	7.07	
Highest CH	4.09	5.59	5.71	6.64	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	6.99	6.93	-	-	PASS
Middle CH	6.9	6.9	-	-	
Highest CH	6.72	6.9	-	-	

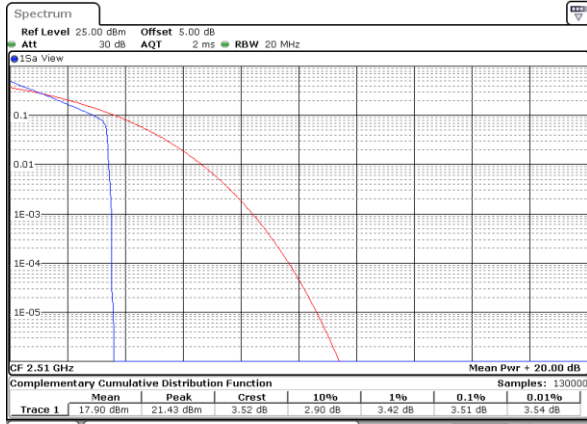


Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.45	4.29	4.41	5.57	PASS
Middle CH	3.59	4.23	4.58	5.51	
Highest CH	3.59	4.2	4.46	5.48	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	5.13	6.23	-	-	PASS
Middle CH	5.28	6.14	-	-	
Highest CH	5.91	6.17	-	-	



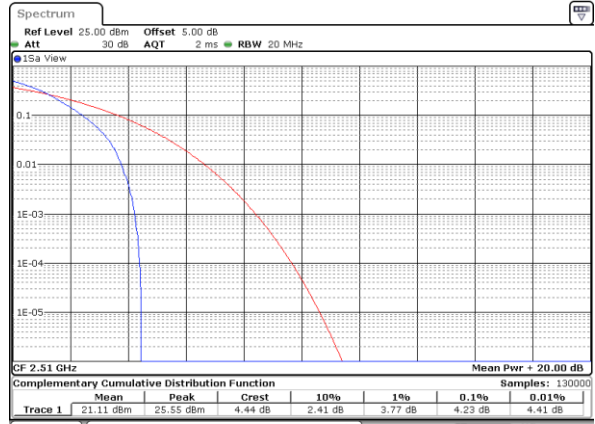
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



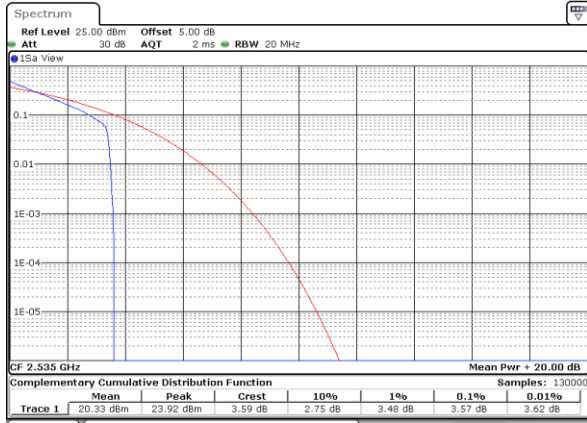
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Lowest Channel / Full RB



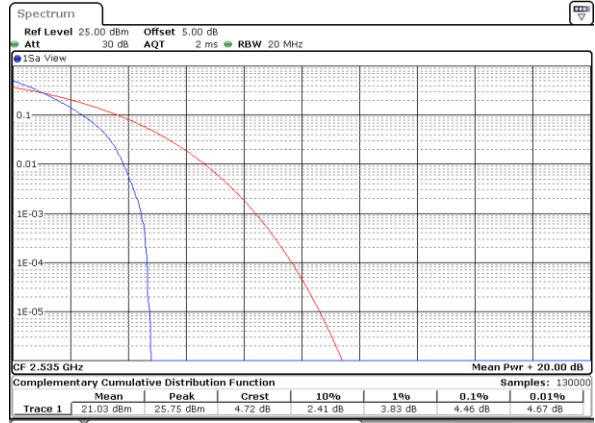
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Middle Channel / 1RB



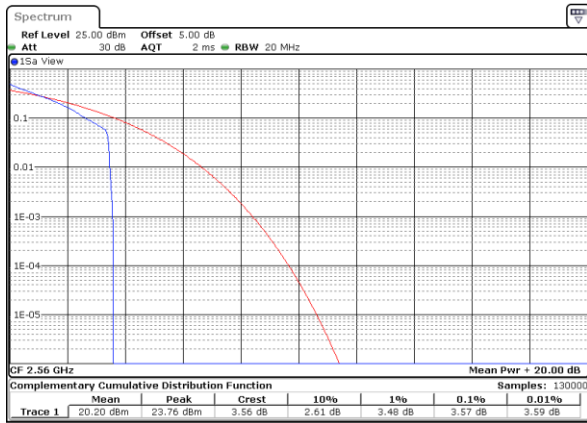
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Middle Channel / Full RB



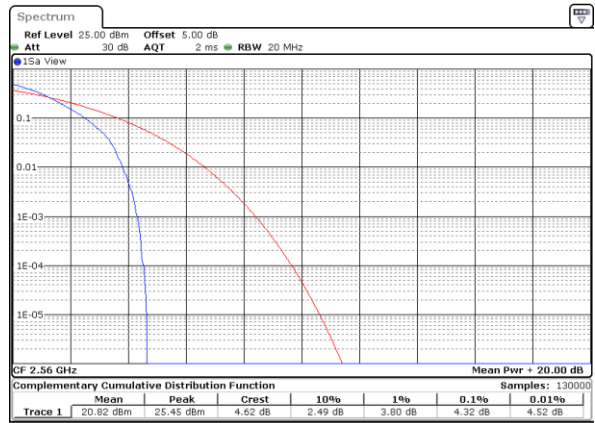
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Highest Channel / 1RB



Date: 21 DEC 2018 13:34:24

Highest Channel / Full RB



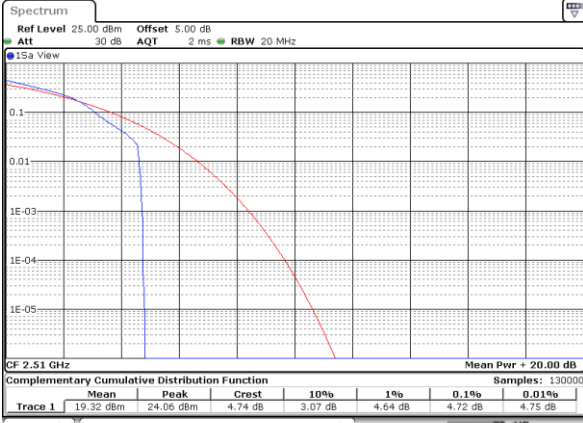
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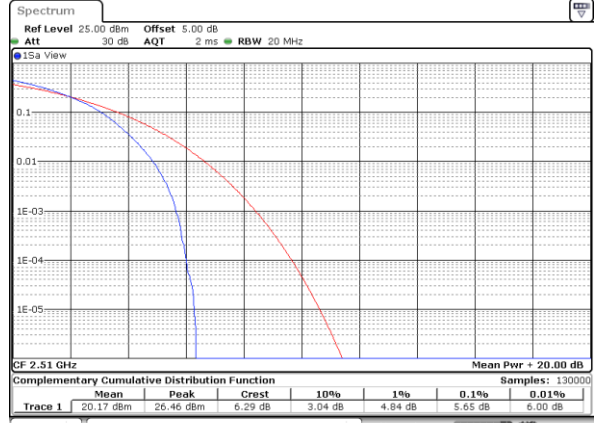
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



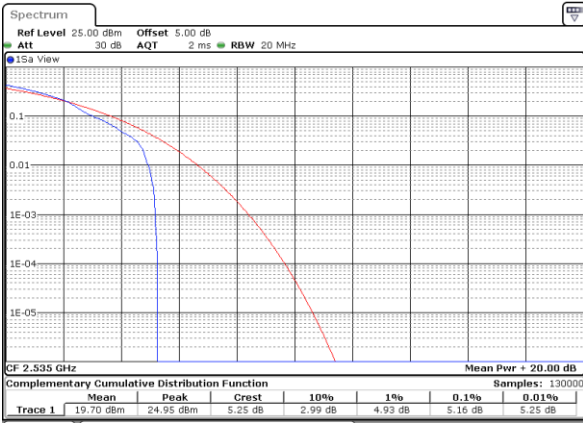
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Lowest Channel / Full RB



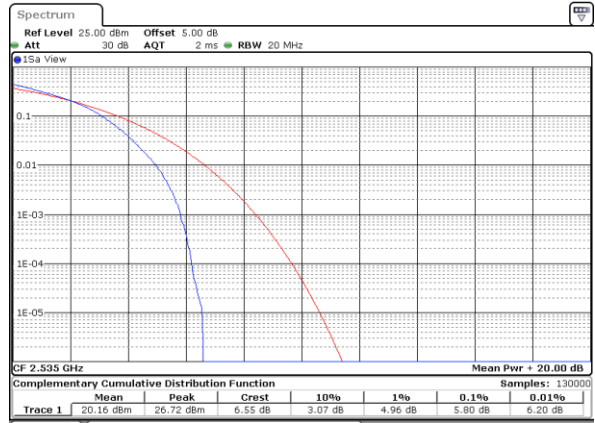
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Middle Channel / 1RB



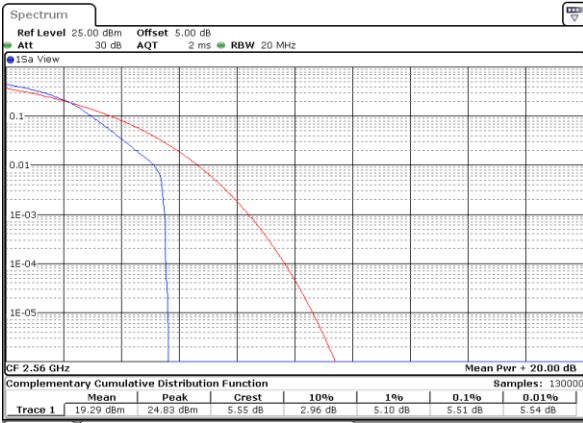
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Middle Channel / Full RB



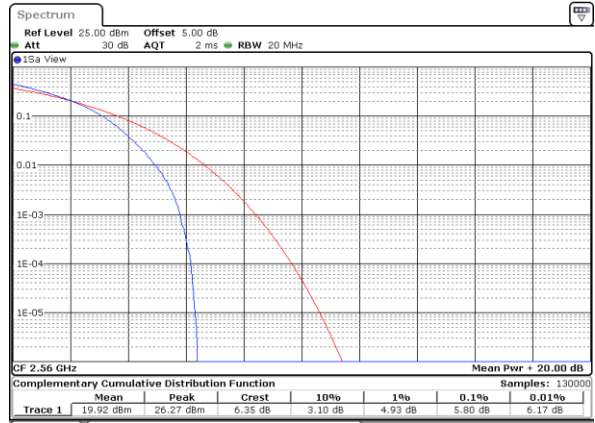
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Highest Channel / 1RB



Date: 21 DEC 2018 13:34:15

Highest Channel / Full RB

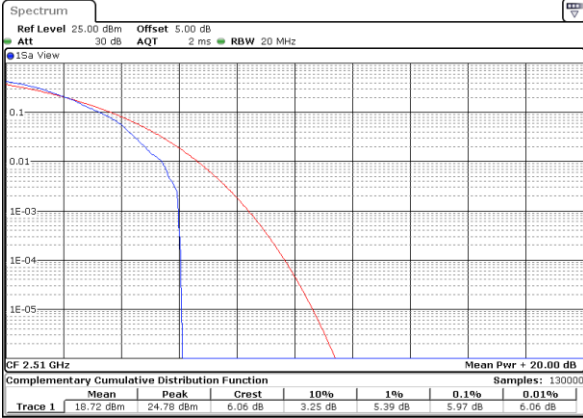


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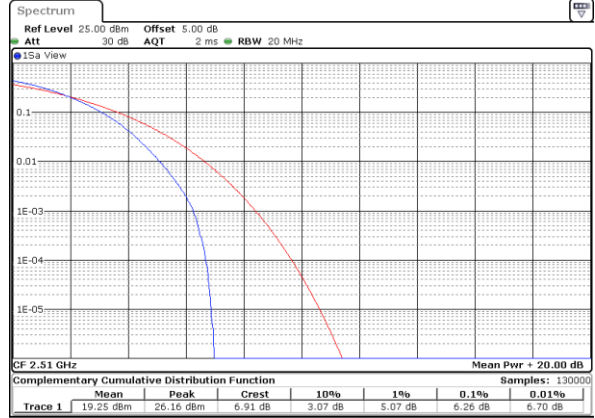
LTE Band 7 / 20MHz / 64QAM

Lowest Channel / 1RB



Date: 21 DEC 2018 13:59:09

Lowest Channel / Full RB



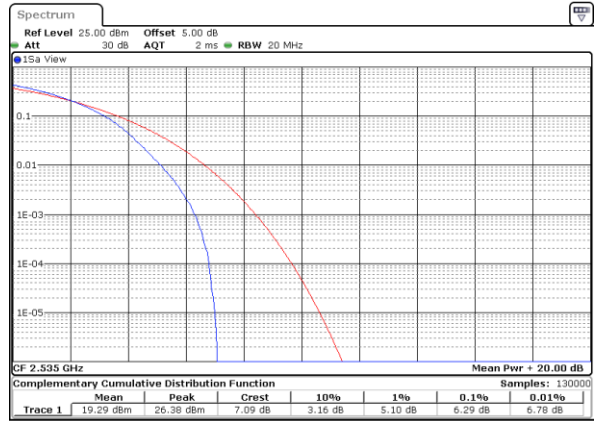
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Middle Channel / 1RB



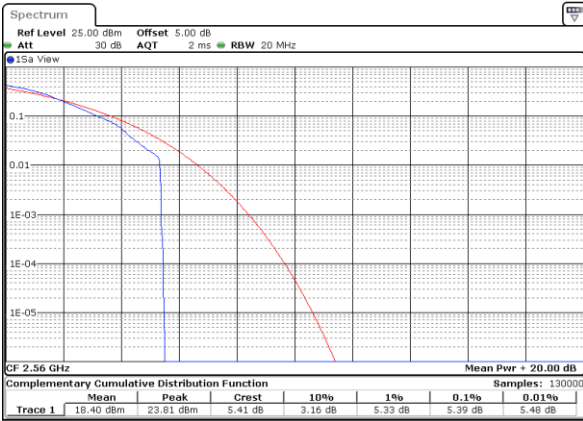
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Middle Channel / Full RB



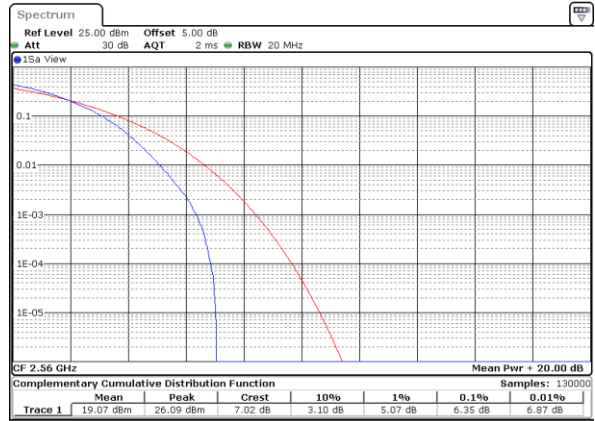
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Highest Channel / 1RB



Date: 21 DEC 2018 13:59:49

Highest Channel / Full RB

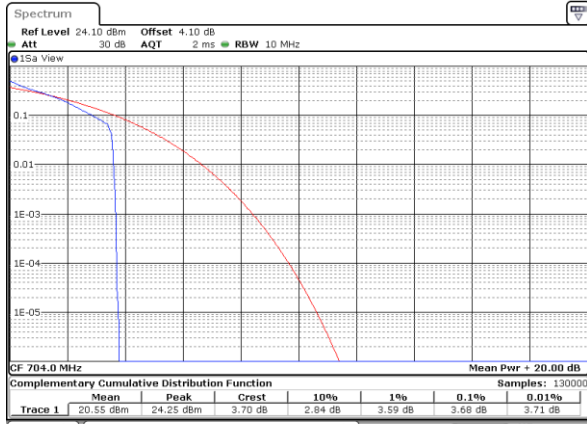


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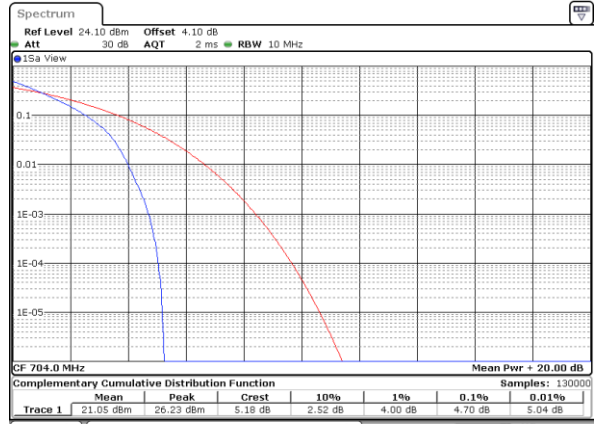
LTE Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



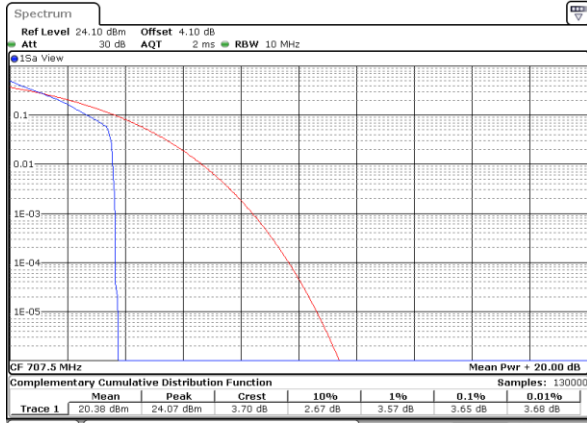
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Lowest Channel / Full RB



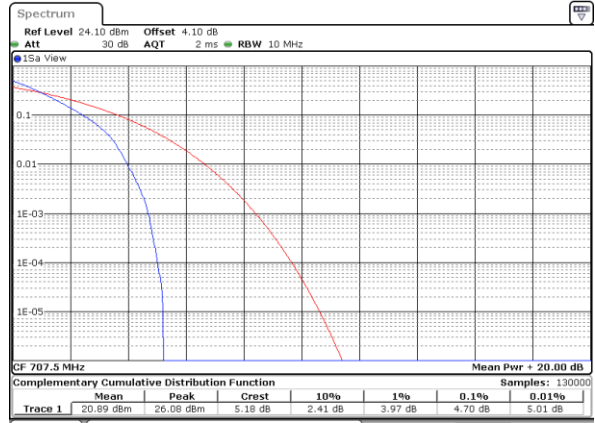
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Middle Channel / 1RB



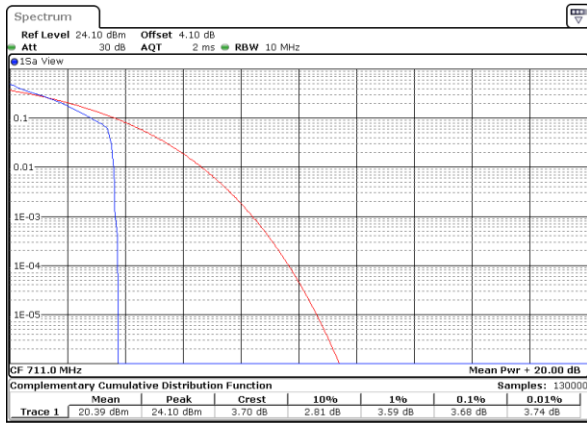
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Middle Channel / Full RB



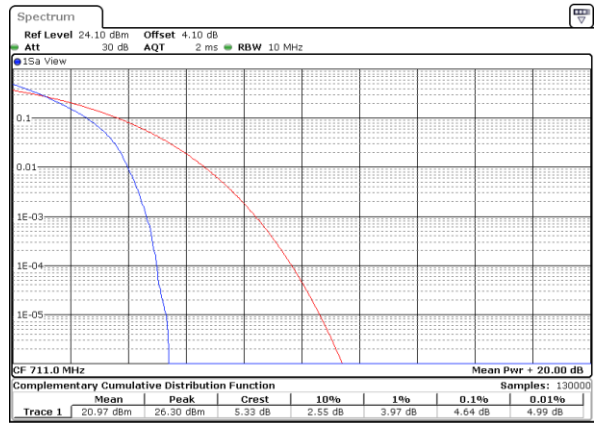
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Highest Channel / 1RB



Date: 21 DEC 2018 10:24:39

Highest Channel / Full RB

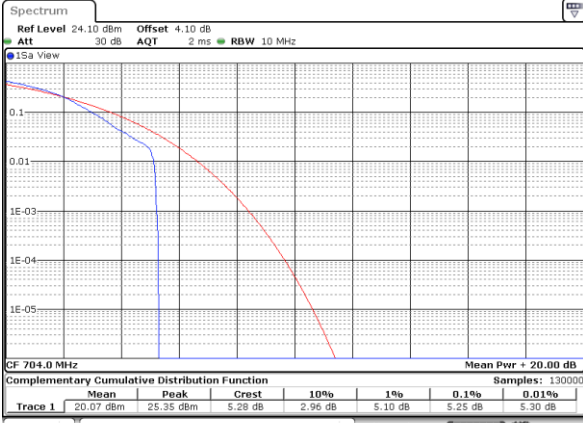


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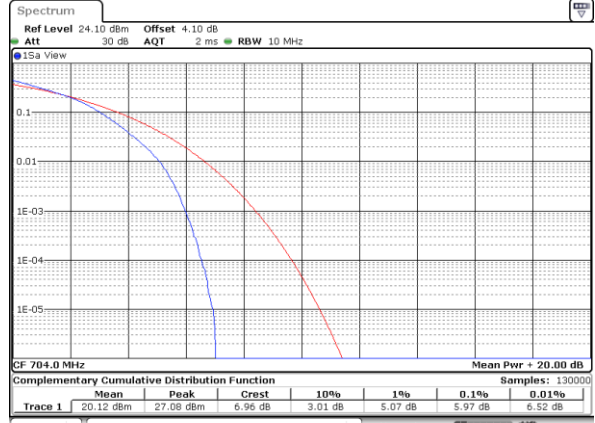
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



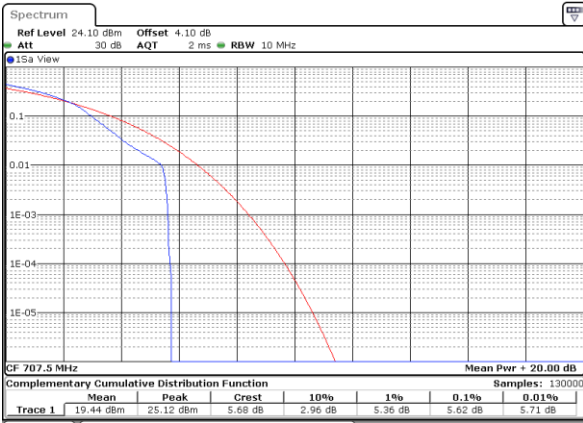
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Lowest Channel / Full RB



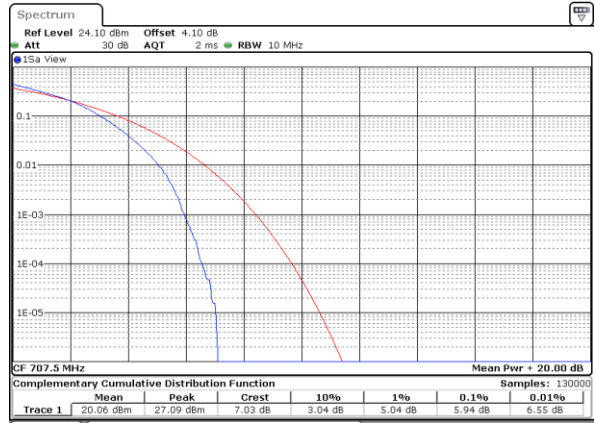
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Middle Channel / 1RB



Date: 21 DEC 2018 10:23:22

Middle Channel / Full RB



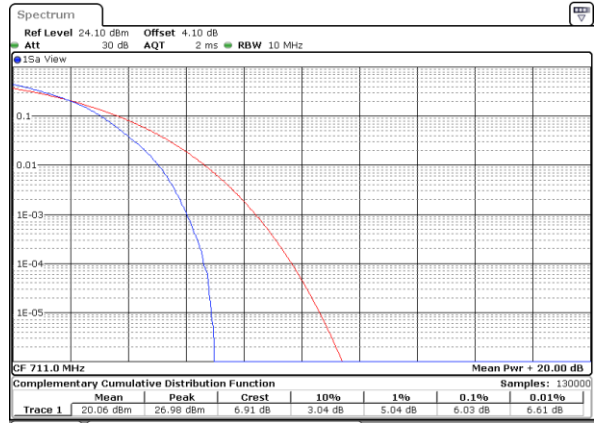
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Highest Channel / 1RB



Date: 21 DEC 2018 10:23:54

Highest Channel / Full RB

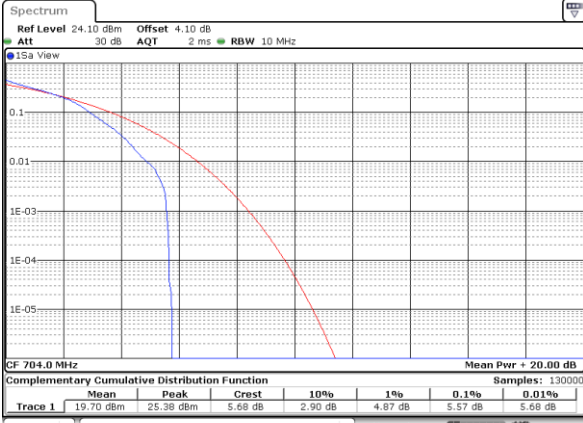


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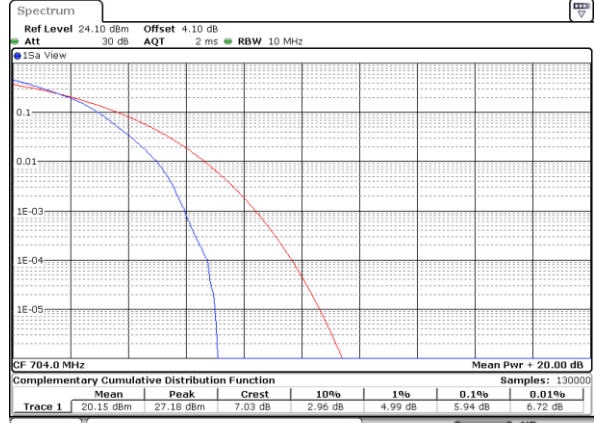
LTE Band 12 / 10MHz / 64QAM

Lowest Channel / 1RB



Date: 21 DEC 2018 10:21:44

Lowest Channel / Full RB



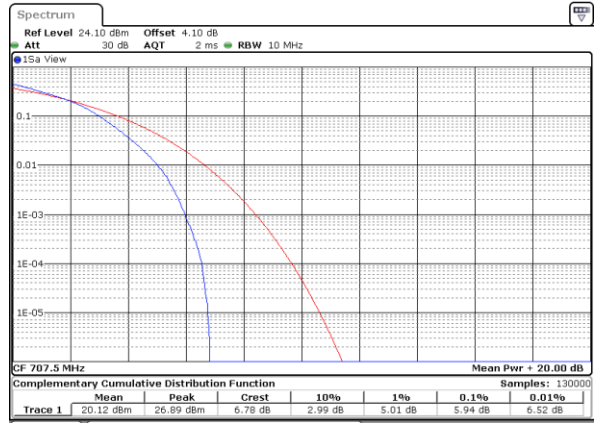
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Middle Channel / 1RB



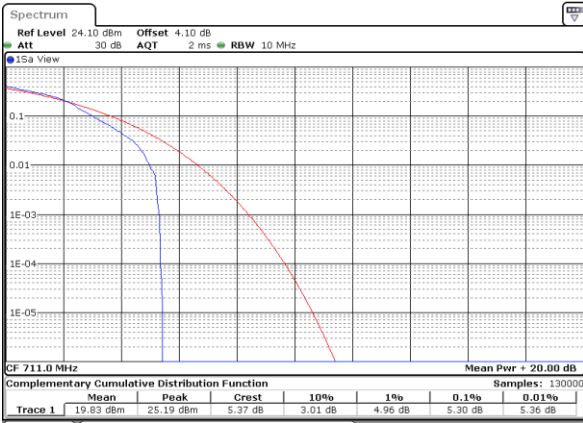
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Middle Channel / Full RB



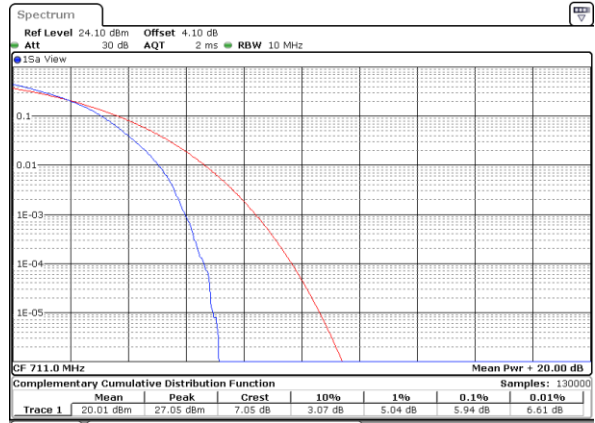
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Highest Channel / 1RB



Date: 21 DEC 2018 10:22:44

Highest Channel / Full RB

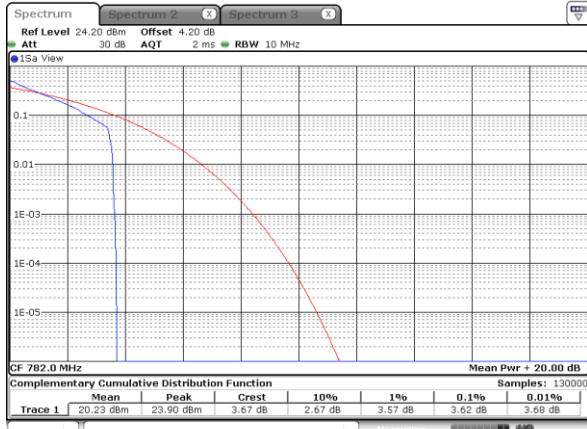


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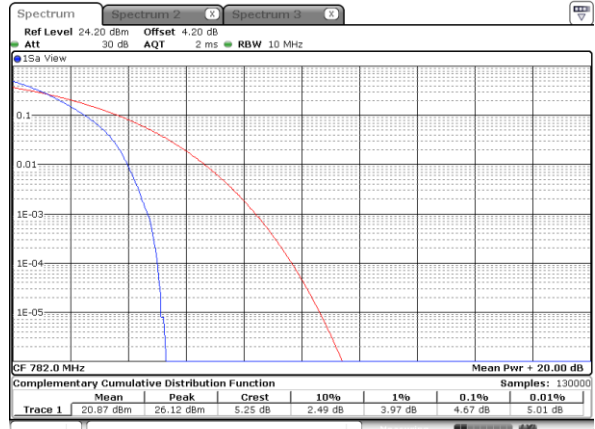
LTE Band 13 / 10MHz / QPSK

Middle Channel / 1RB



Date: 8 JAN 2019 17:38:58

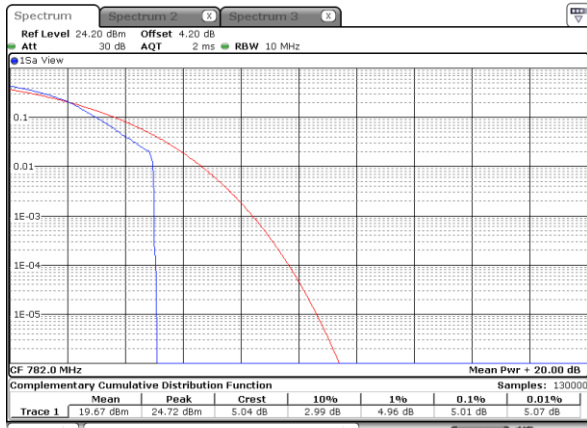
Middle Channel / Full RB



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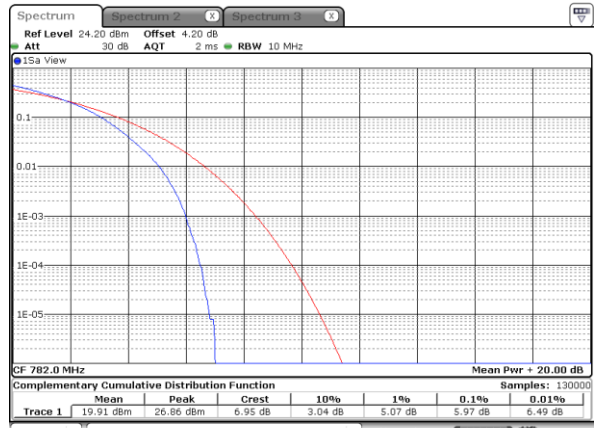
LTE Band 13 / 10MHz / 16QAM

Middle Channel / 1RB



Date: 8 JAN 2019 17:39:05

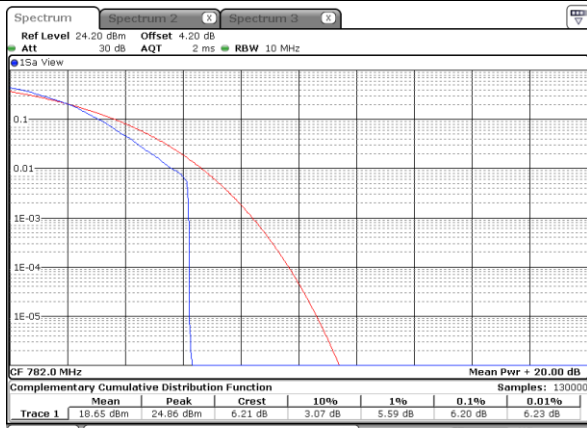
Middle Channel / Full RB



Date: 8 JAN 2019 17:39:15

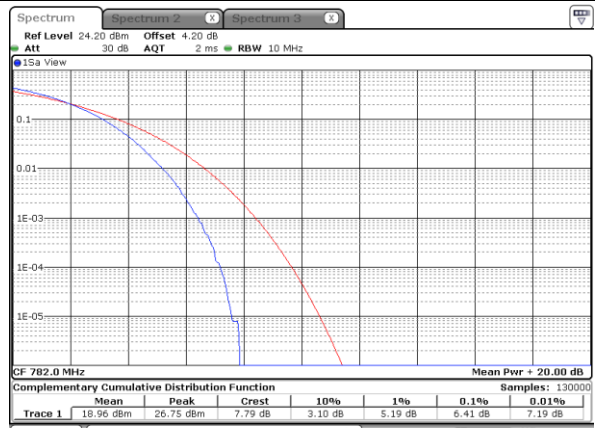
LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



Date: 8 JAN 2019 18:01:27

Middle Channel / Full RB

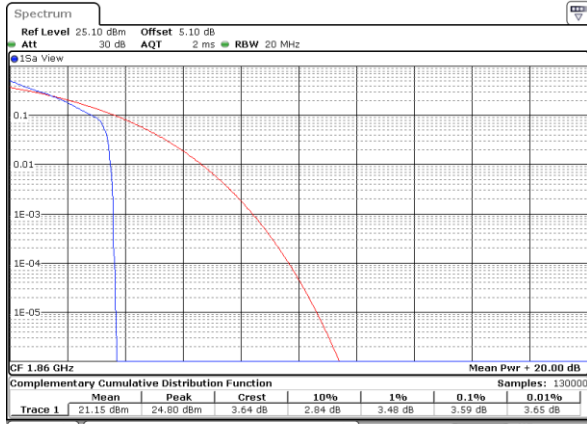


Date: 8 JAN 2019 18:01:38



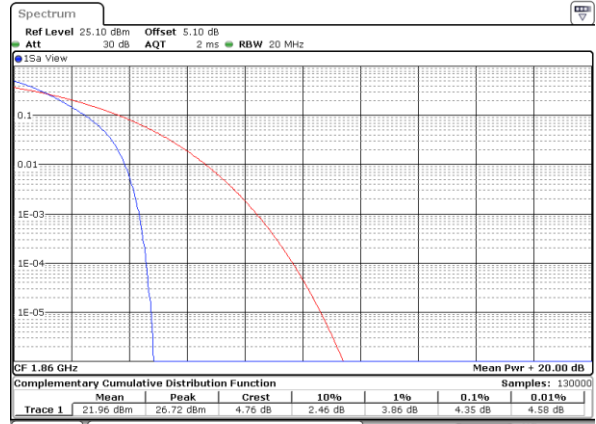
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



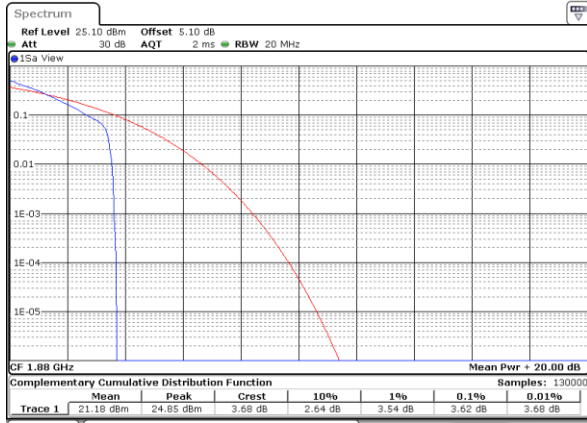
Date: 10 JAN 2019 16:45:48

Lowest Channel / Full RB



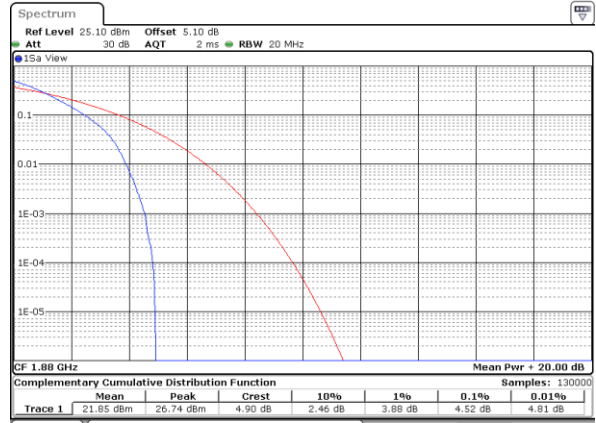
Date: 10 JAN 2019 16:46:46

Middle Channel / 1RB



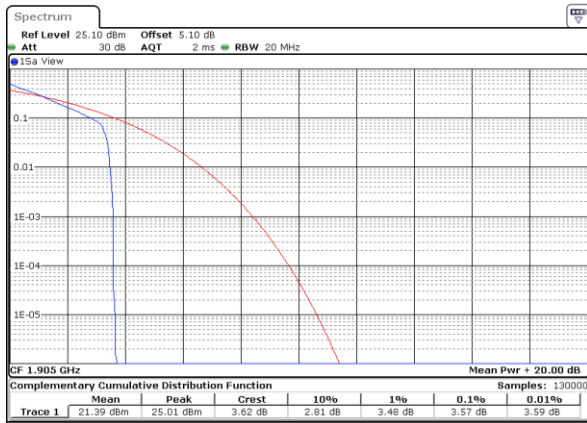
Date: 10 JAN 2019 16:47:43

Middle Channel / Full RB



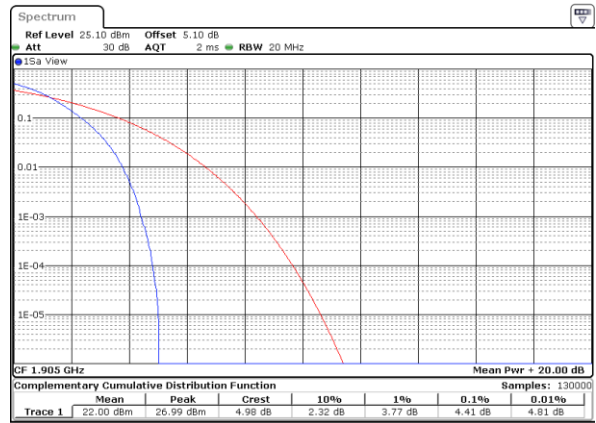
Date: 10 JAN 2019 16:46:55

Highest Channel / 1RB



Date: 10 JAN 2019 16:47:53

Highest Channel / Full RB

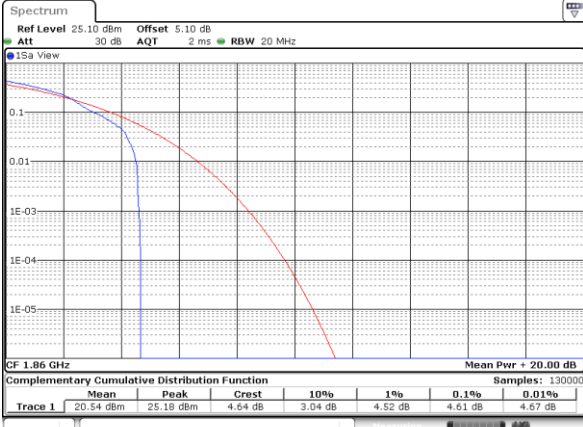


Date: 10 JAN 2019 16:50:02



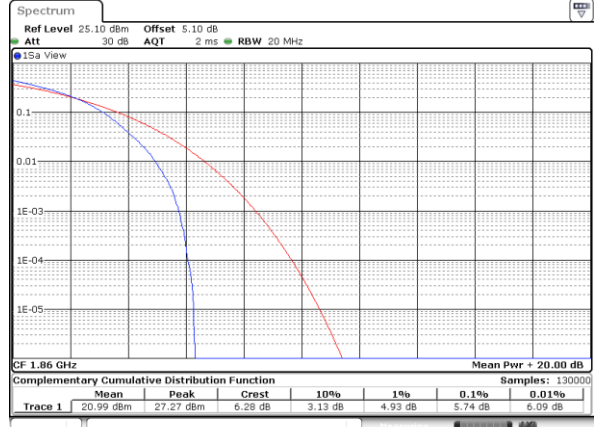
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



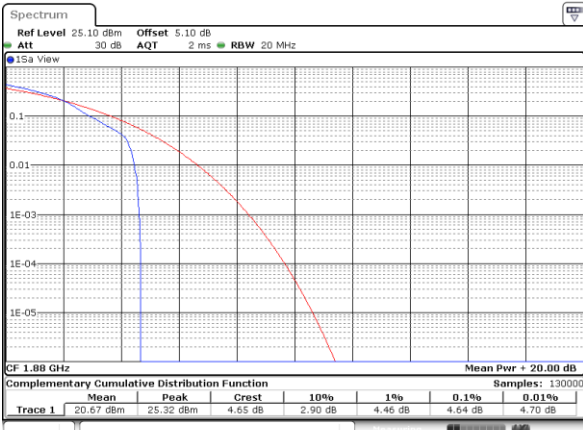
Date: 10 JAN 2019 16:46:00

Lowest Channel / Full RB



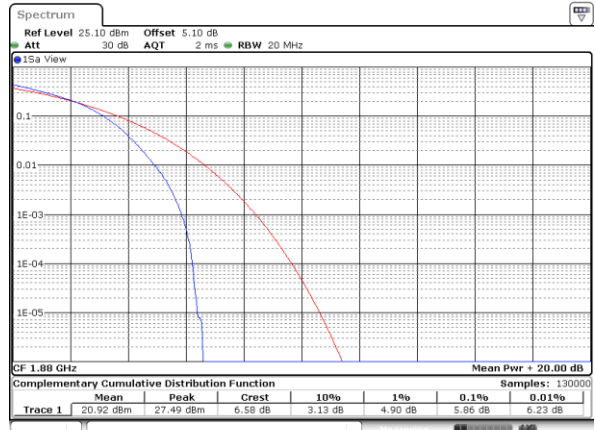
Date: 10 JAN 2019 16:46:36

Middle Channel / 1RB



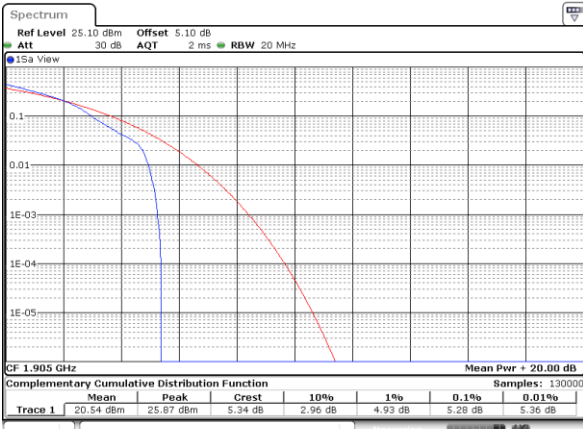
Date: 10 JAN 2019 16:47:33

Middle Channel / Full RB



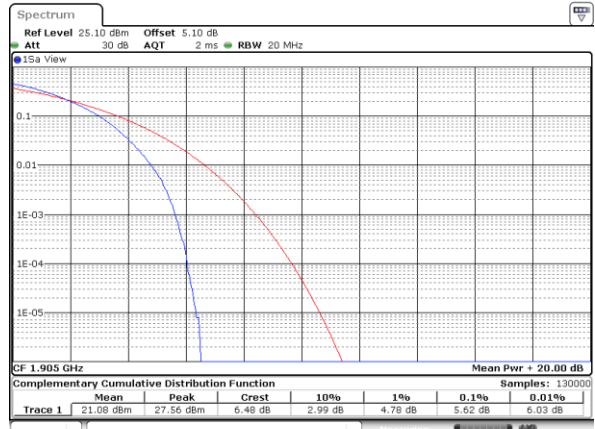
Date: 10 JAN 2019 16:47:05

Highest Channel / 1RB



Date: 10 JAN 2019 16:48:03

Highest Channel / Full RB



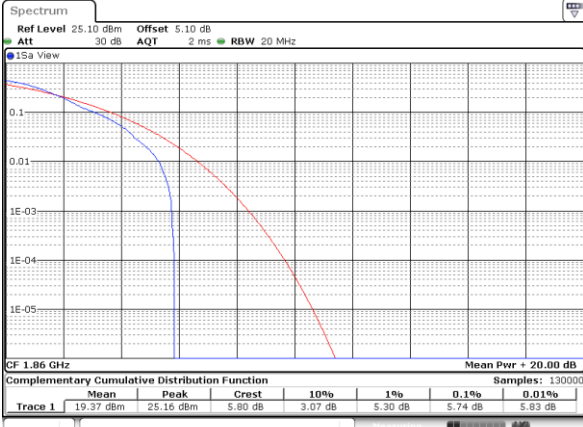
Date: 10 JAN 2019 16:49:52





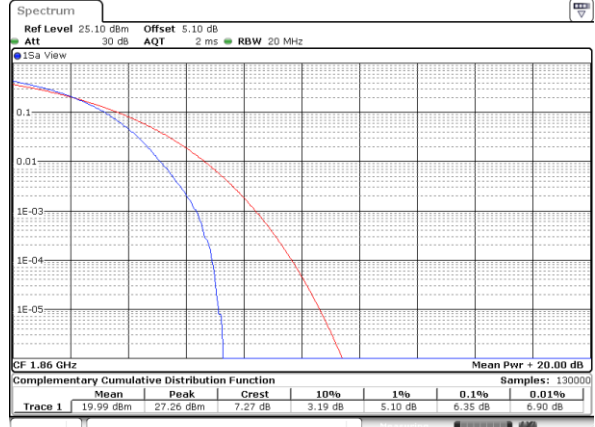
LTE Band 25 / 20MHz / 64QAM

Lowest Channel / 1RB



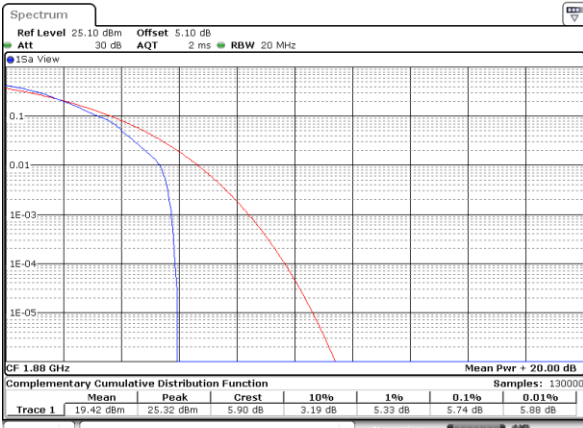
Date: 10 JAN 2019 16:46:10

Lowest Channel / Full RB



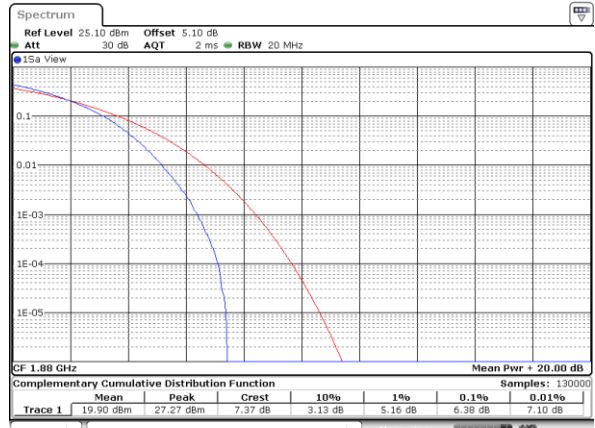
Date: 10 JAN 2019 16:46:24

Middle Channel / 1RB



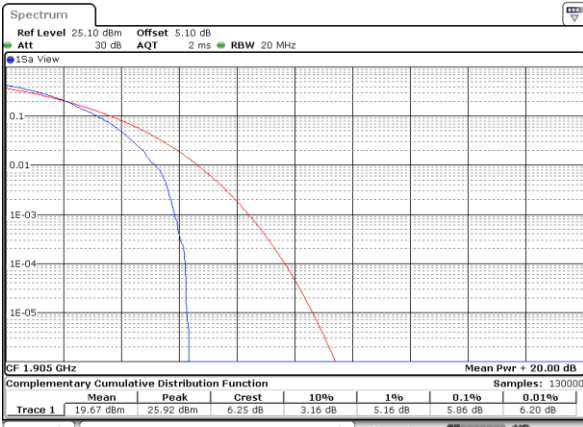
Date: 10 JAN 2019 16:47:24

Middle Channel / Full RB



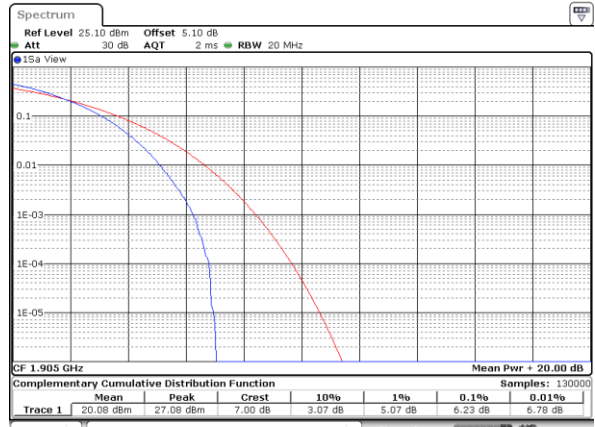
Date: 10 JAN 2019 16:47:15

Highest Channel / 1RB



Date: 10 JAN 2019 16:48:23

Highest Channel / Full RB



Date: 10 JAN 2019 16:49:41



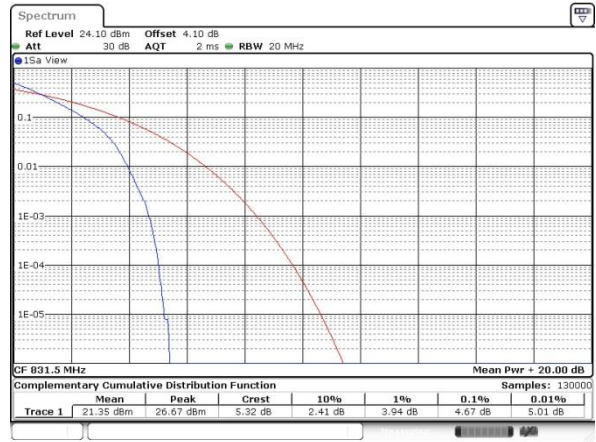
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



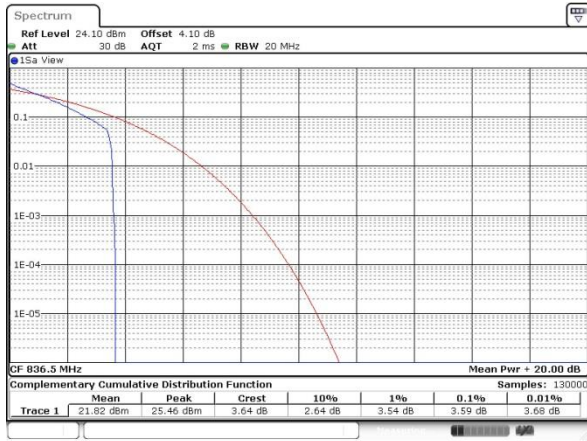
Date: 15 JAN 2019 17:13:06

Lowest Channel / Full RB



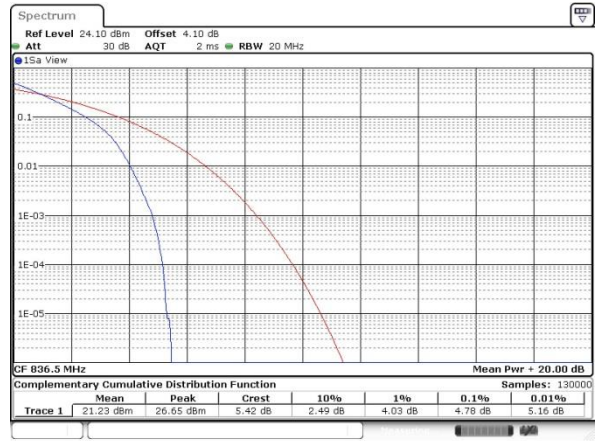
Date: 15 JAN 2019 17:14:48

Middle Channel / 1RB



Date: 15 JAN 2019 17:14:09

Middle Channel / Full RB



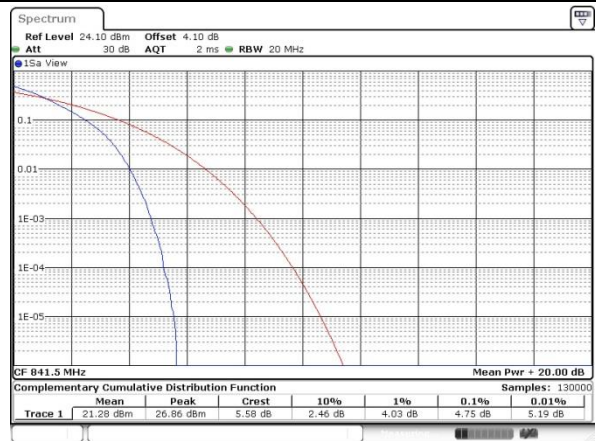
Date: 15 JAN 2019 17:15:41

Highest Channel / 1RB



Date: 15 JAN 2019 17:14:19

Highest Channel / Full RB



Date: 15 JAN 2019 17:15:51