

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

LTE FDD Band 2				
TX Channel Bandwidth	Channel	RB Size/Offset	Average Power [dBm]	
			QPSK	16QAM
1.4 MHz	18607	1 RB low	23.26	22.56
		1 RB high	23.34	22.59
		50% RB mid	22.20	21.85
		100% RB	21.87	21.19
	18900	1 RB low	22.47	21.77
		1 RB high	23.00	22.37
		50% RB mid	21.77	21.30
		100% RB	22.48	21.63
	19193	1 RB low	22.54	22.12
		1 RB high	22.64	22.22
		50% RB mid	23.25	22.83
		100% RB	22.72	22.18
3 MHz	18615	1 RB low	23.37	22.66
		1 RB high	21.76	20.96
		50% RB mid	22.06	21.64
		100% RB	21.62	21.03
	18900	1 RB low	22.39	21.77
		1 RB high	23.27	22.47
		50% RB mid	23.16	22.70
		100% RB	22.62	22.20
	19185	1 RB low	22.90	22.24
		1 RB high	22.53	21.80
		50% RB mid	22.85	22.33
		100% RB	23.04	22.59
5 MHz	18625	1 RB low	22.98	22.63
		1 RB high	21.81	21.44
		50% RB mid	23.40	23.01
		100% RB	22.18	21.67
	18900	1 RB low	22.60	22.07
		1 RB high	23.36	22.84
		50% RB mid	22.74	21.93
		100% RB	22.05	21.54
	19175	1 RB low	22.89	22.14
		1 RB high	22.06	21.63
		50% RB mid	22.37	21.77
		100% RB	23.50	22.82

10 MHz	18650	1 RB low	23.32	22.55
		1 RB high	22.13	21.53
		50% RB mid	23.00	22.49
		100% RB	23.44	22.67
	18900	1 RB low	22.73	22.32
		1 RB high	21.95	21.45
		50% RB mid	21.56	20.75
		100% RB	22.92	22.15
	19150	1 RB low	22.26	21.68
		1 RB high	22.53	22.12
		50% RB mid	23.15	22.41
		100% RB	23.38	22.83
15 MHz	18675	1 RB low	23.20	22.65
		1 RB high	21.53	20.69
		50% RB mid	23.01	22.31
		100% RB	22.22	21.72
	18900	1 RB low	21.94	21.18
		1 RB high	23.47	22.64
		50% RB mid	22.92	22.29
		100% RB	22.65	22.16
	19125	1 RB low	23.01	22.41
		1 RB high	22.87	22.52
		50% RB mid	22.62	21.86
		100% RB	23.01	22.26
20 MHz	18700	1 RB low	23.10	22.62
		1 RB high	22.39	21.82
		50% RB mid	21.51	20.66
		100% RB	22.13	21.72
	18900	1 RB low	22.63	22.10
		1 RB high	22.03	21.35
		50% RB mid	23.44	22.97
		100% RB	22.74	22.22
	19100	1 RB low	23.28	22.64
		1 RB high	22.75	22.15
		50% RB mid	21.63	20.83
		100% RB	22.53	22.13

Appendix B: Peak-to-Average Ratio(CCDF)

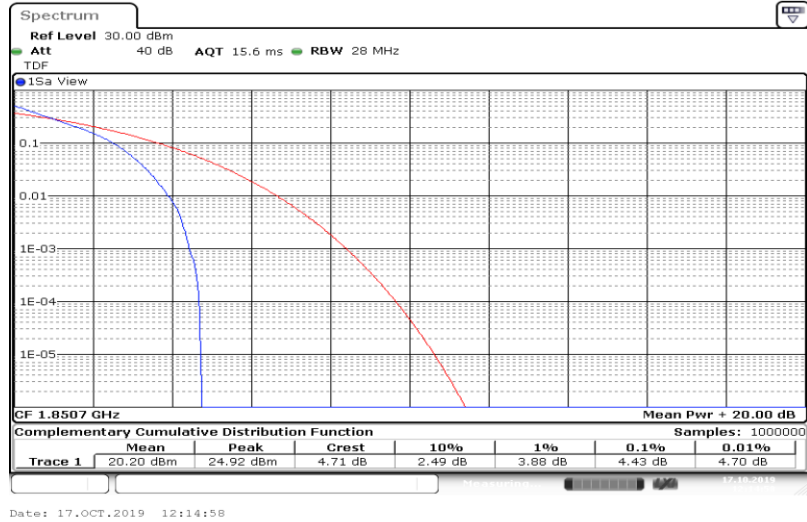
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.43	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	4.52	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.13	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.25	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.33	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.83	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	4.52	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	4.55	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.13	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.36	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	5.36	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.00	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.61	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.52	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.19	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.39	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.28	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.91	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.04	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	4.64	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.33	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.71	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.36	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.09	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.42	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	4.84	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.59	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.03	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	5.48	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.17	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.36	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.70	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.33	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.59	13	PASS

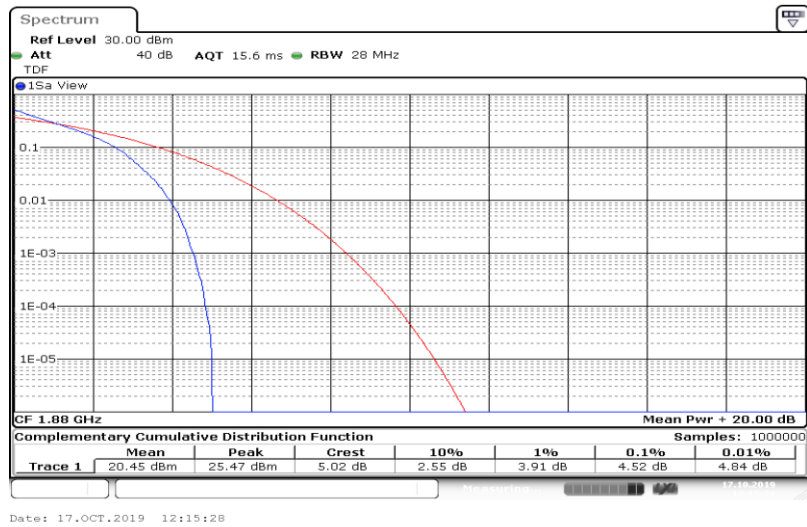
Band2	20MHz	16QAM	19100	100RB#0	6.14	13	PASS
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Test Graphs

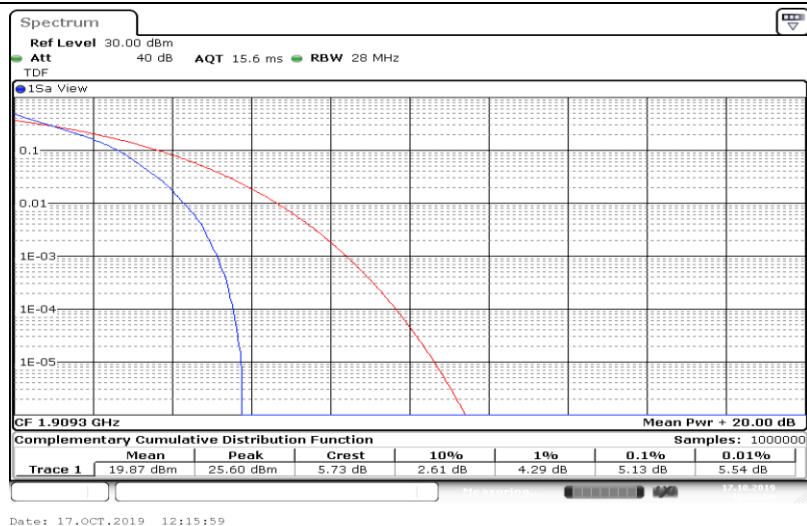
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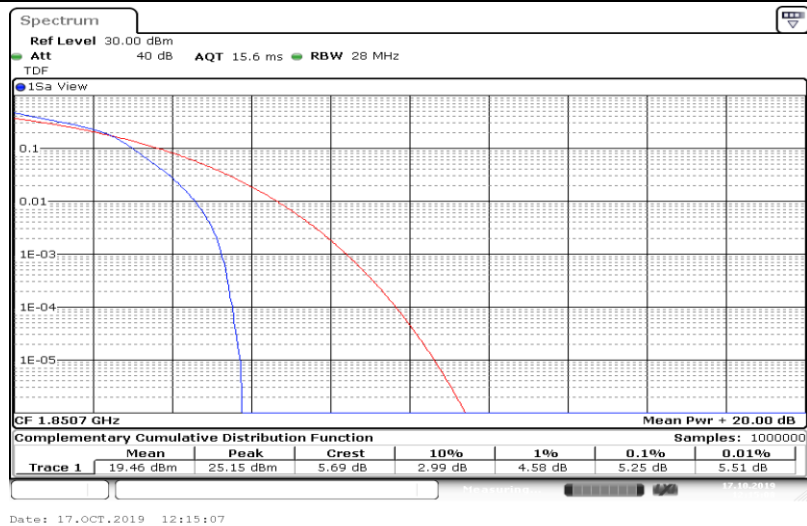
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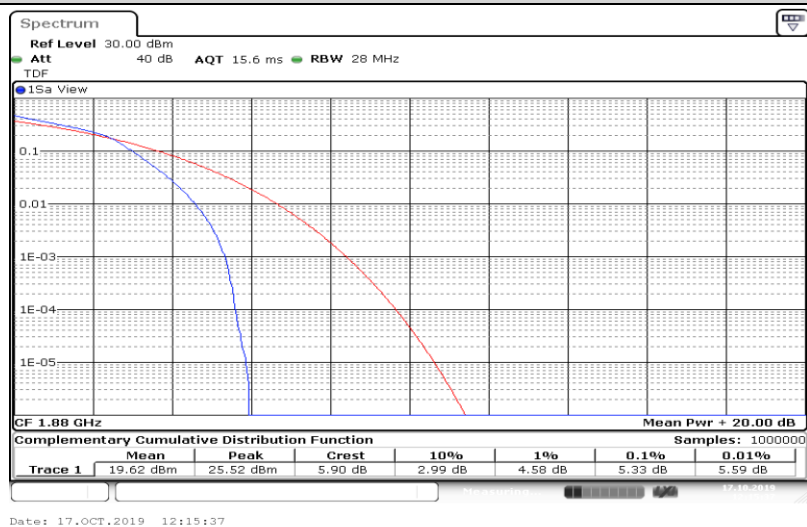
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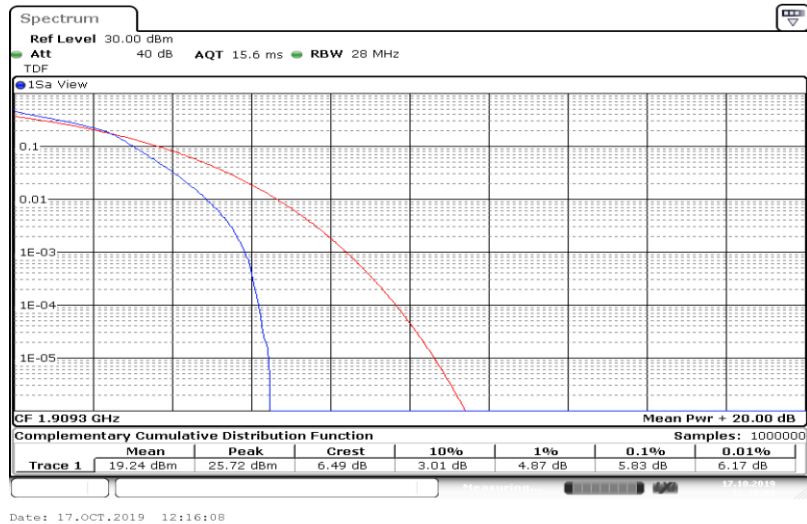
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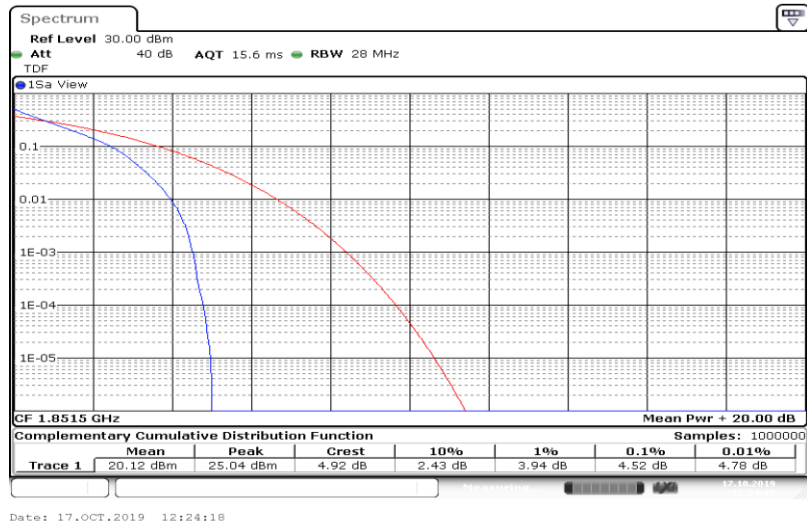
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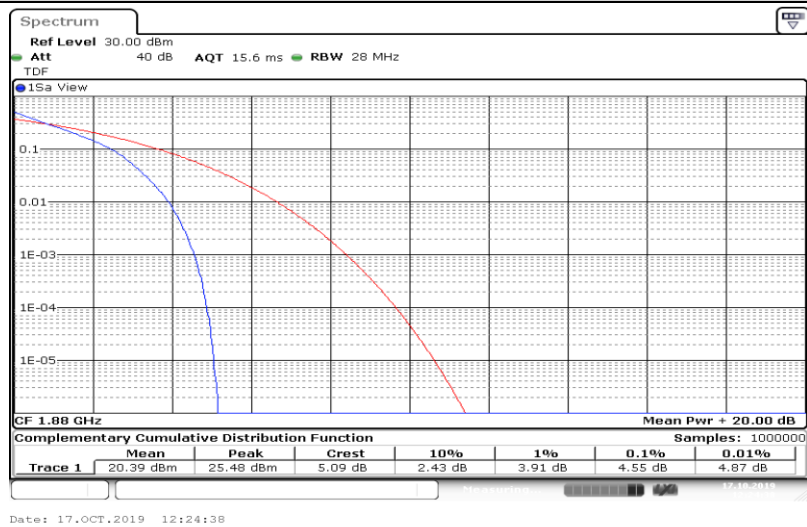
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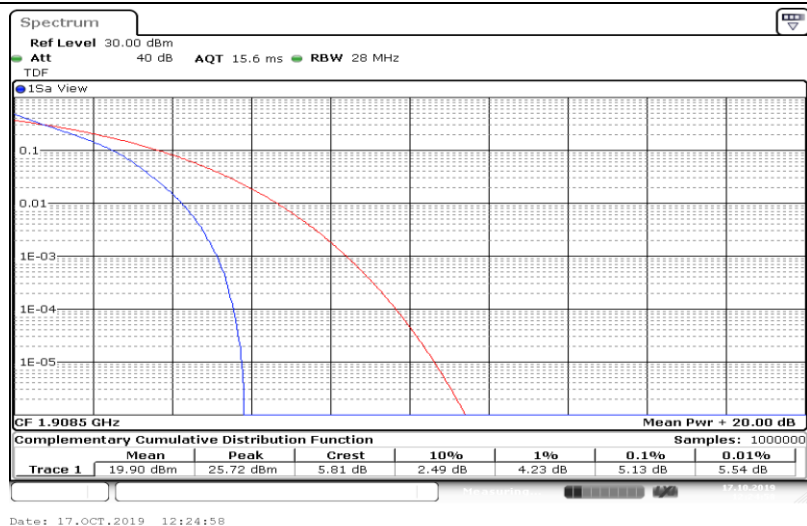
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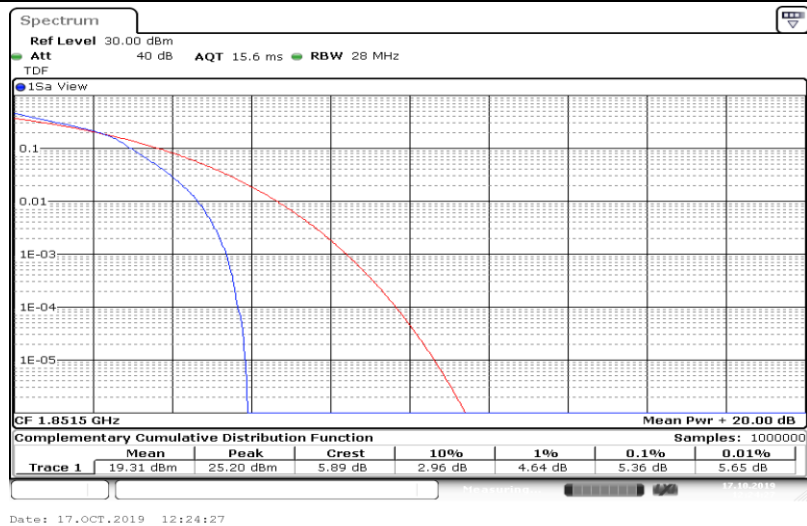
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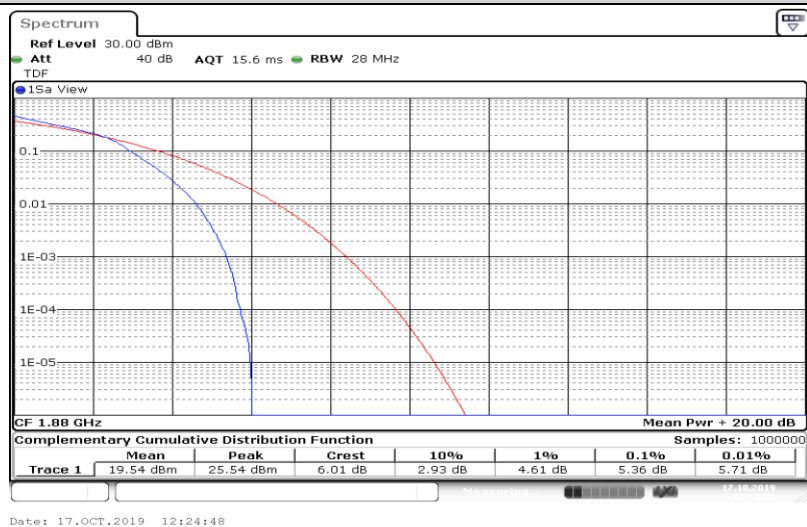
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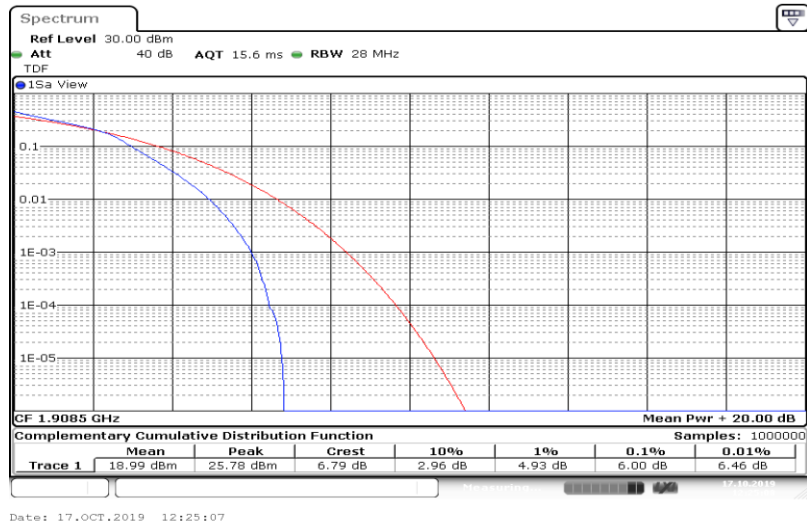
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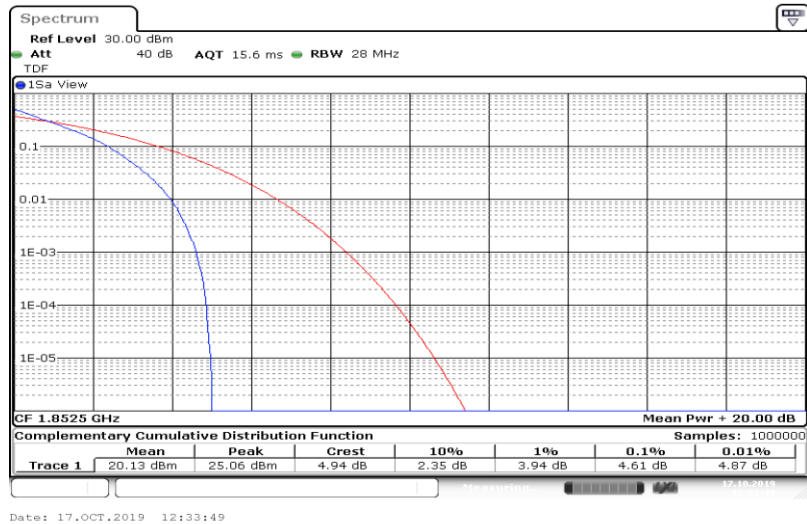
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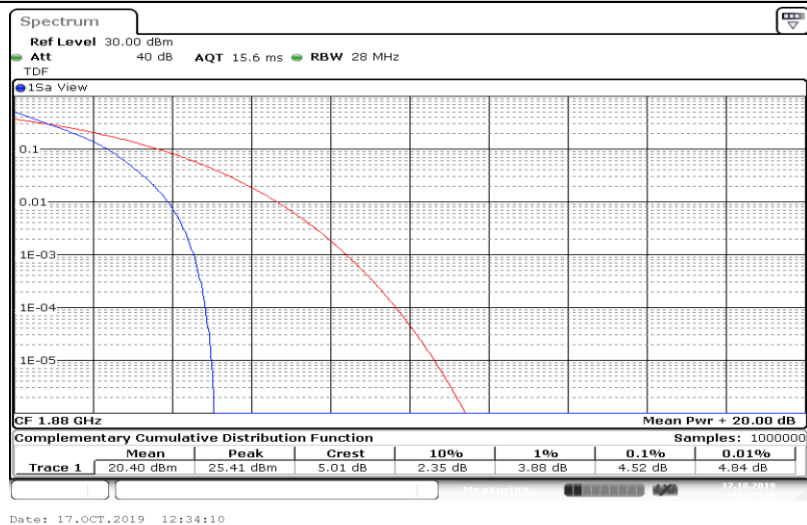
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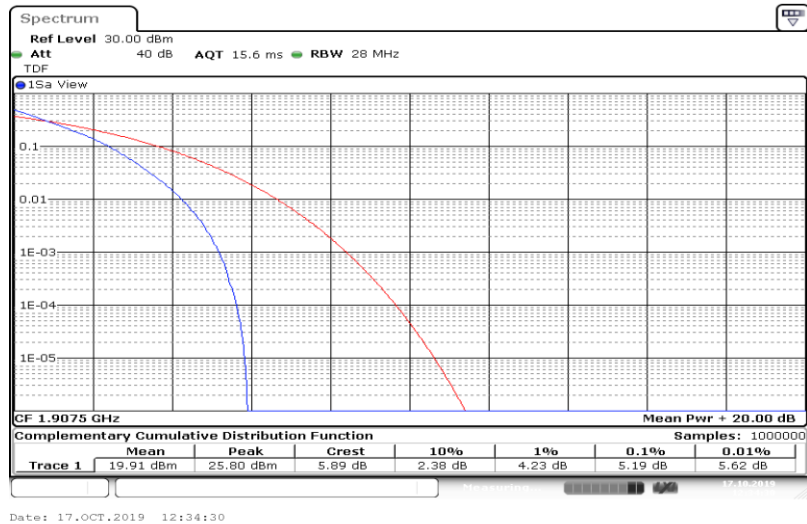
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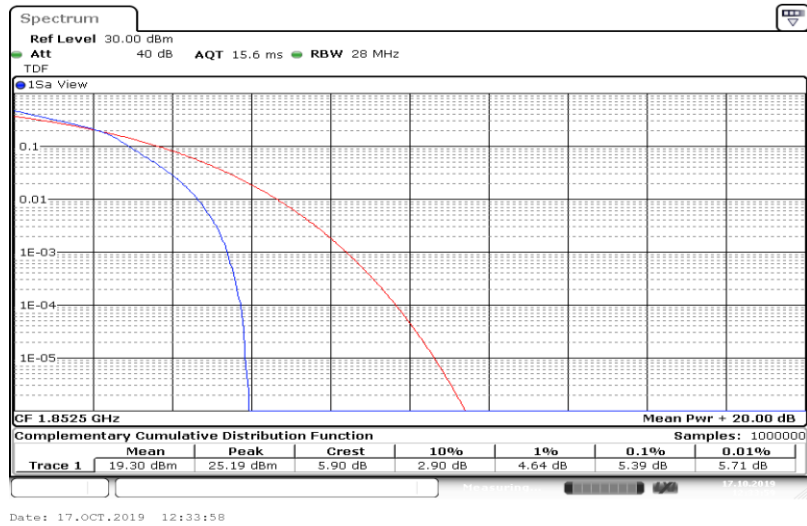
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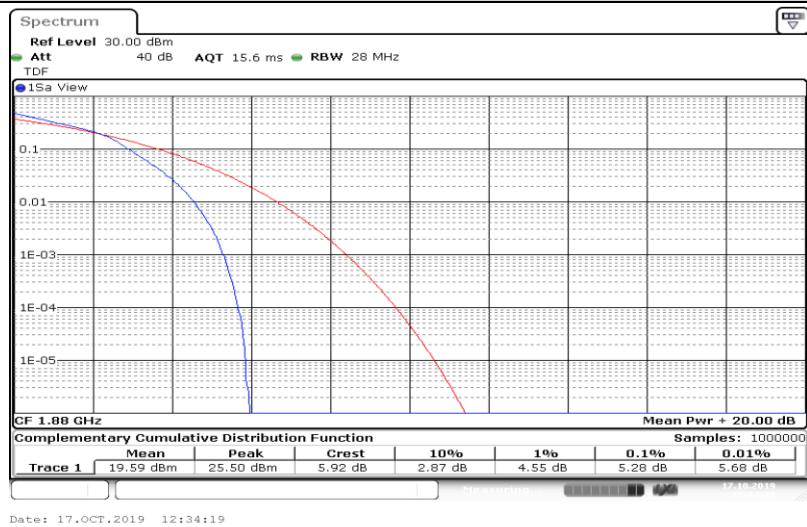
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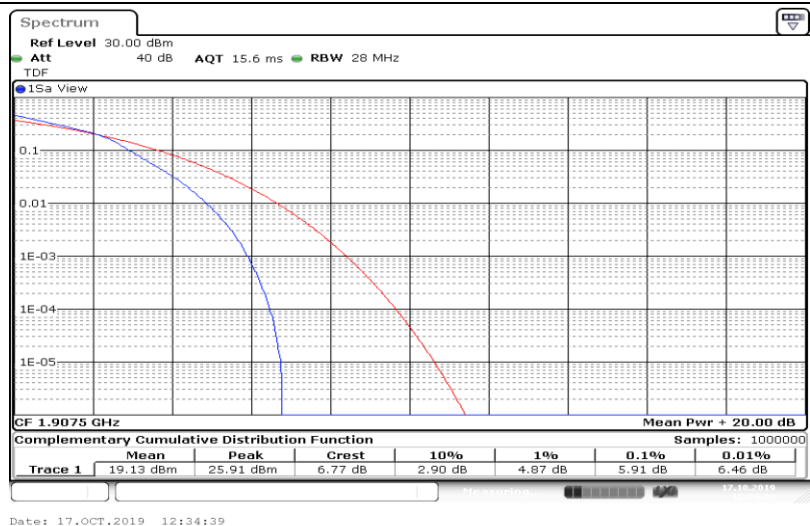
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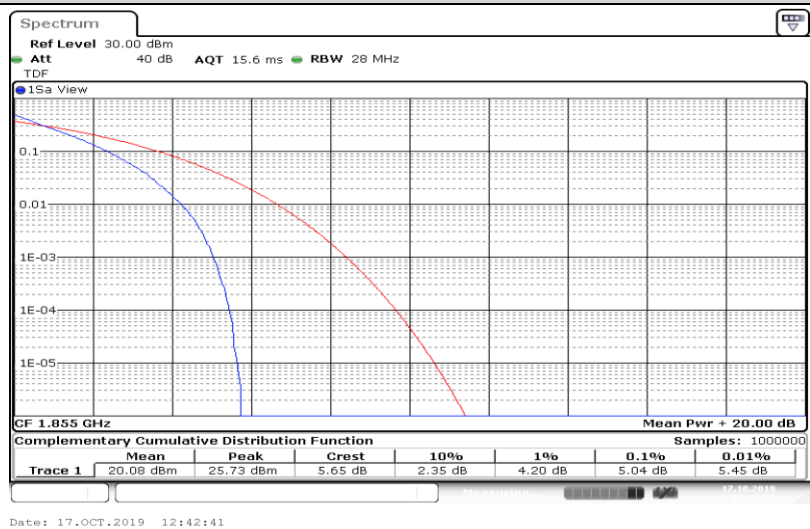
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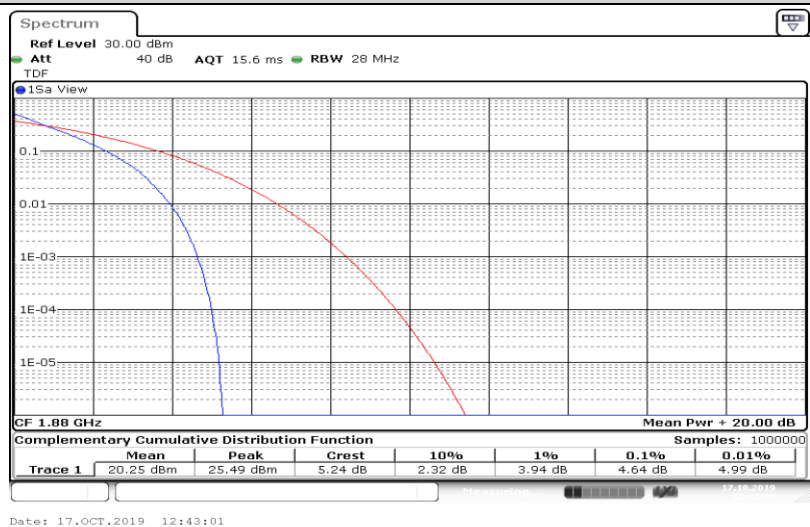
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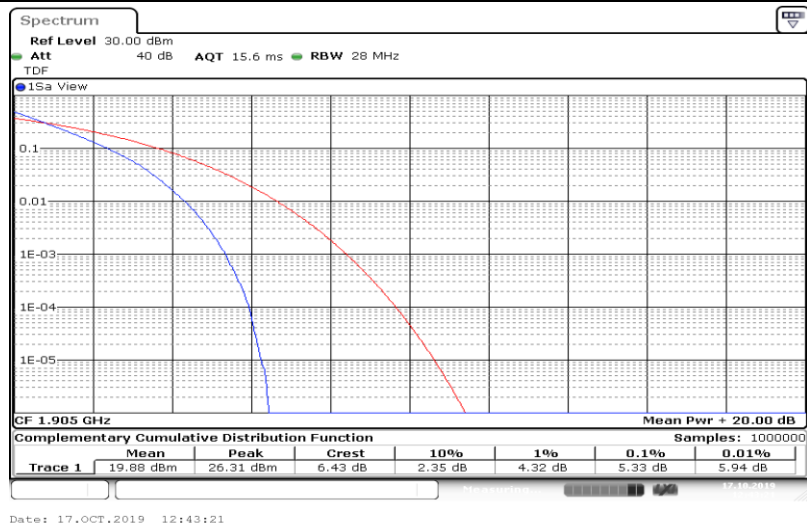
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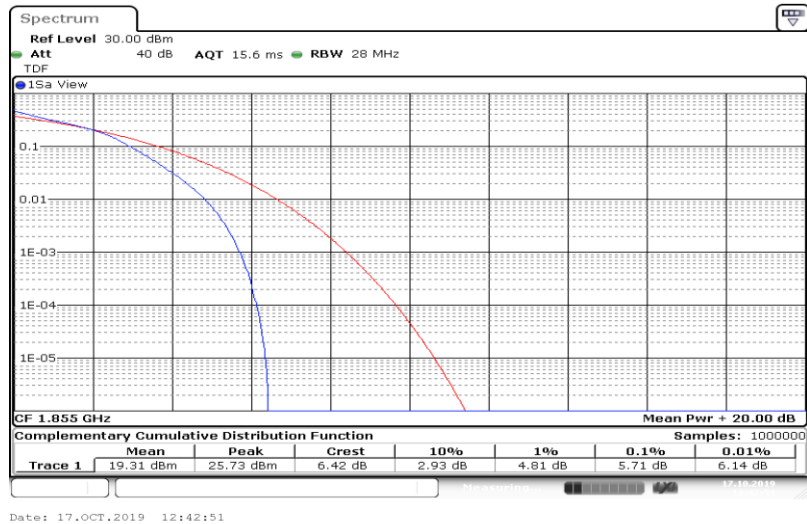
Band2-10MHz-QPSK-18900-50RB#0



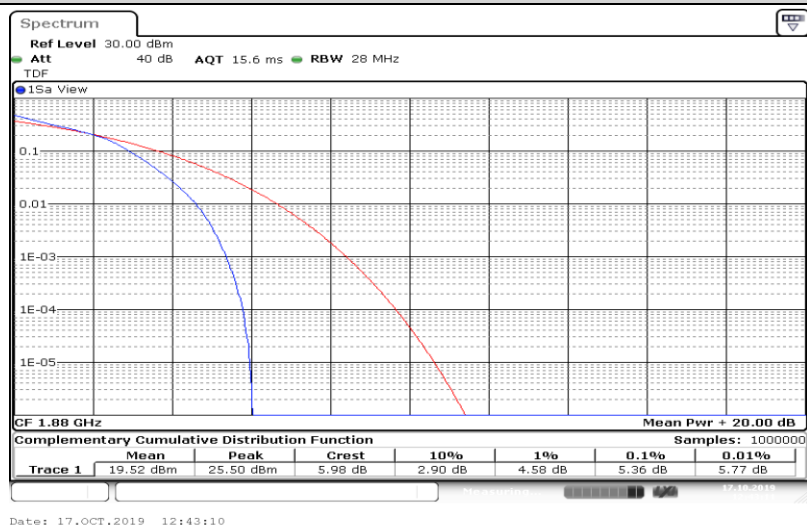
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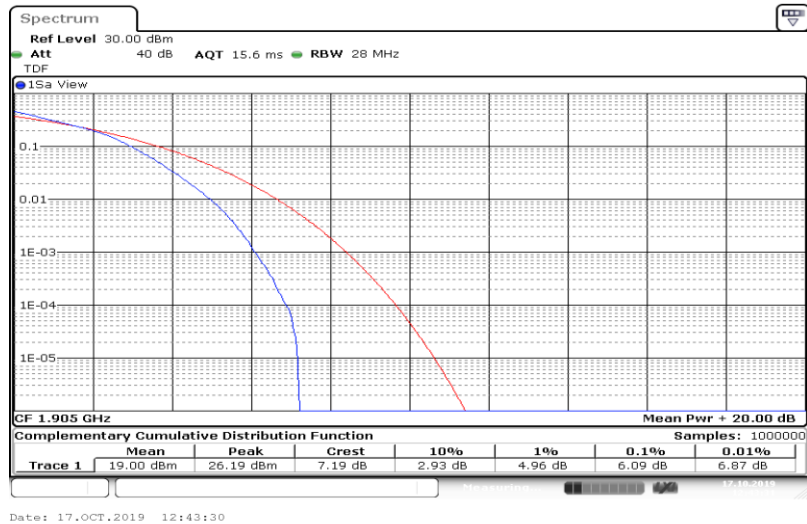
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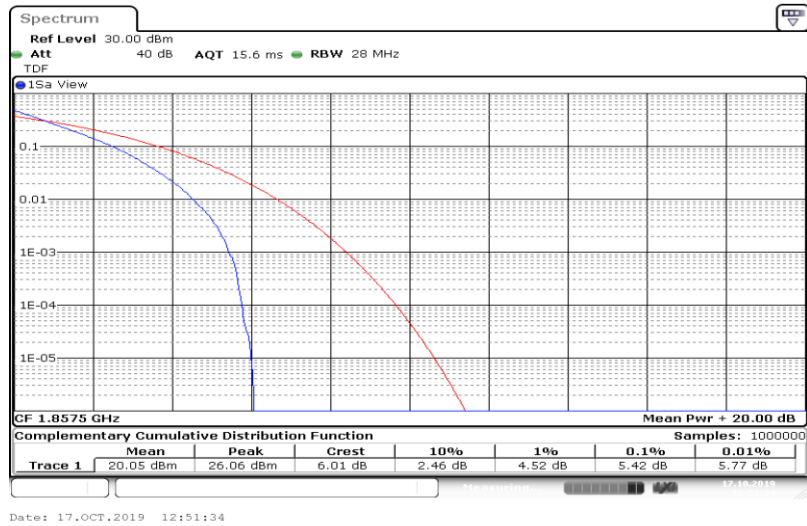
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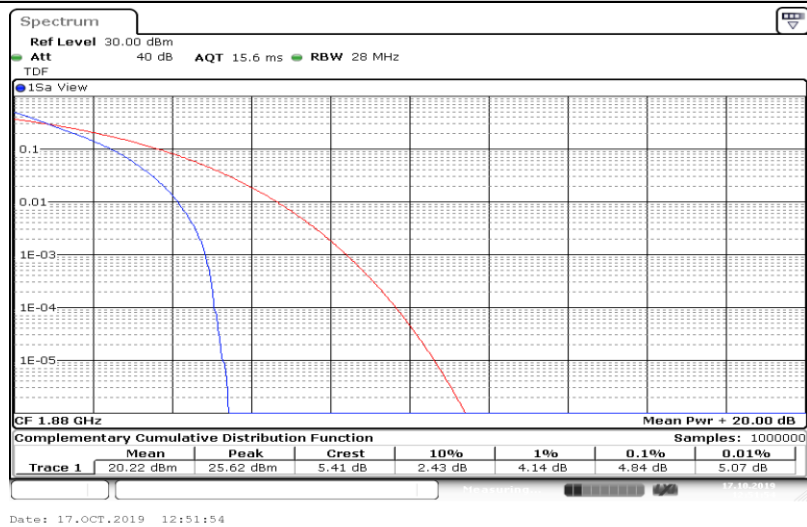
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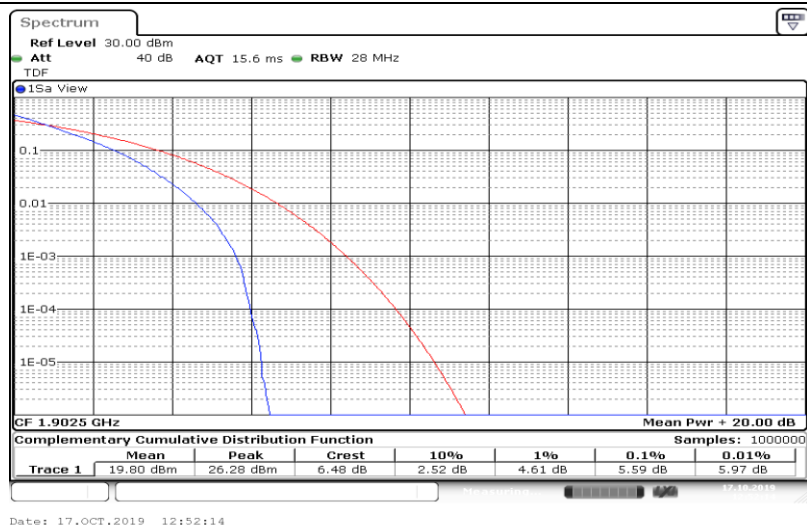
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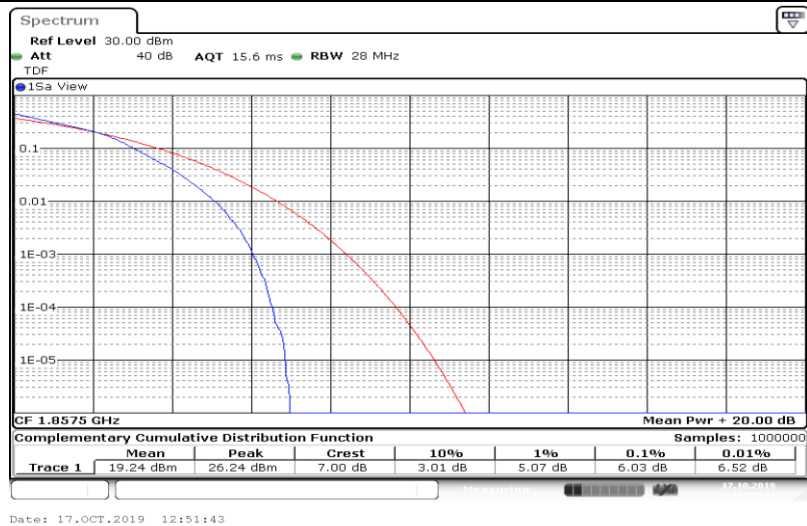
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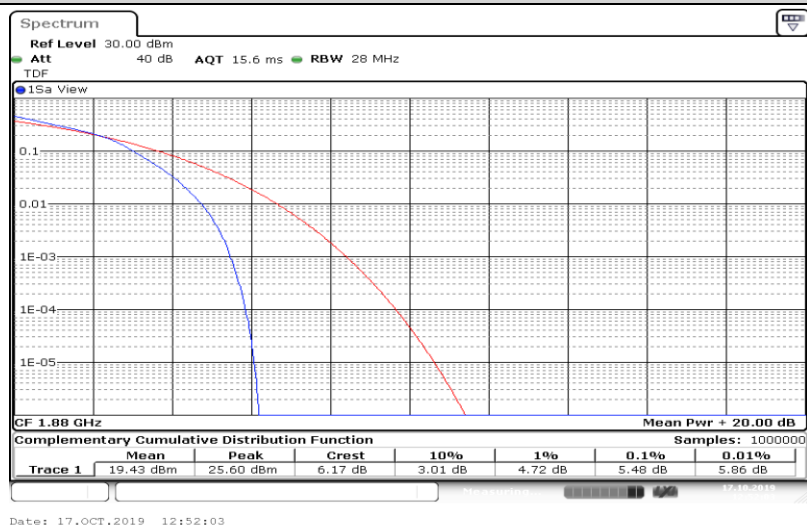
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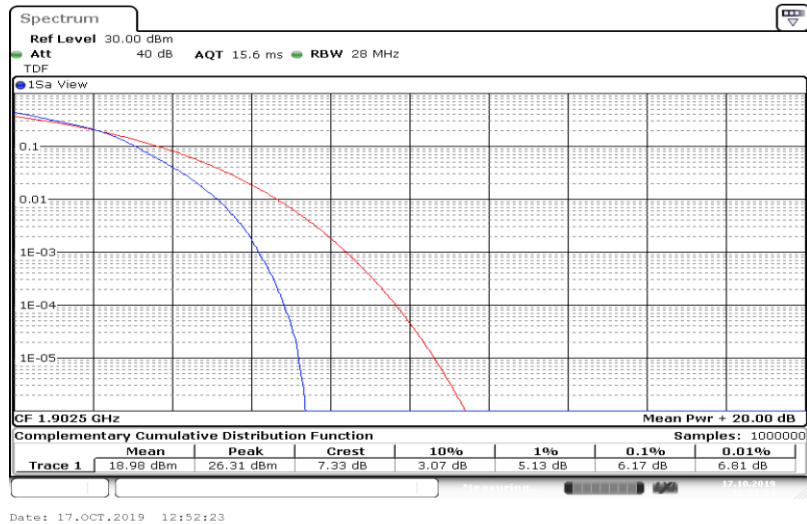
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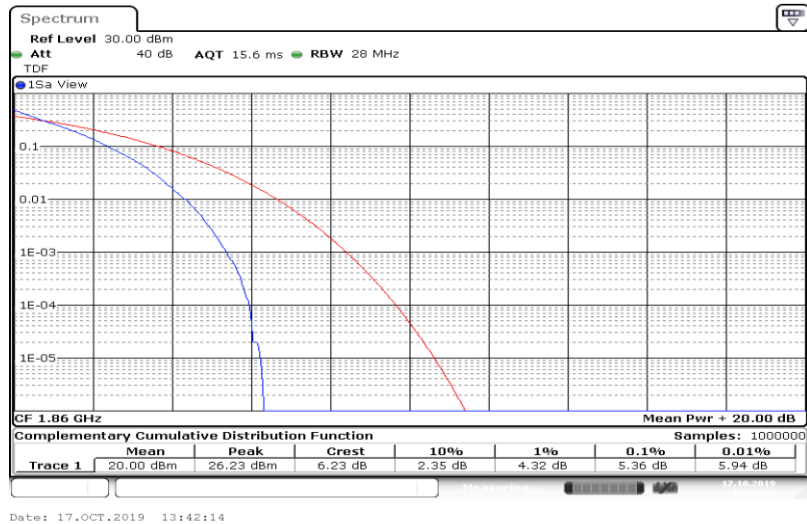
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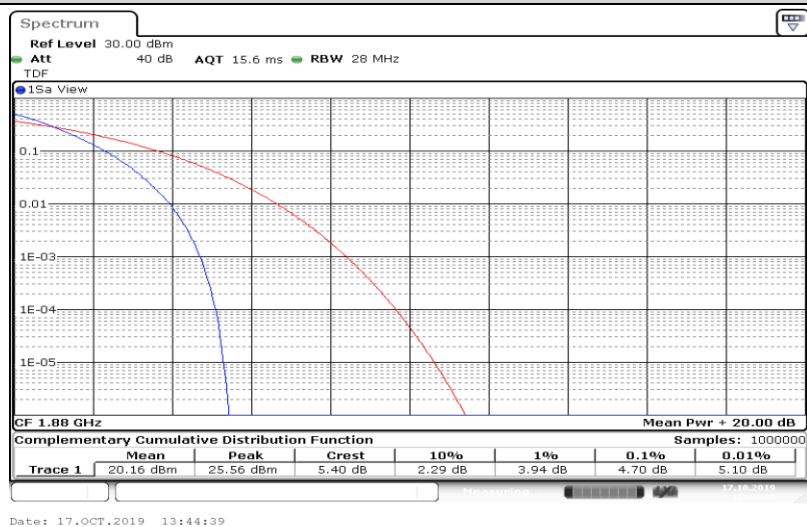
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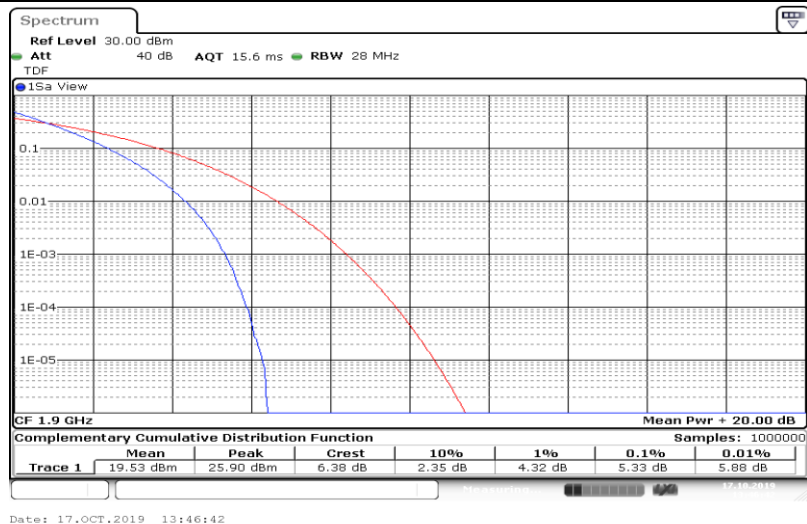
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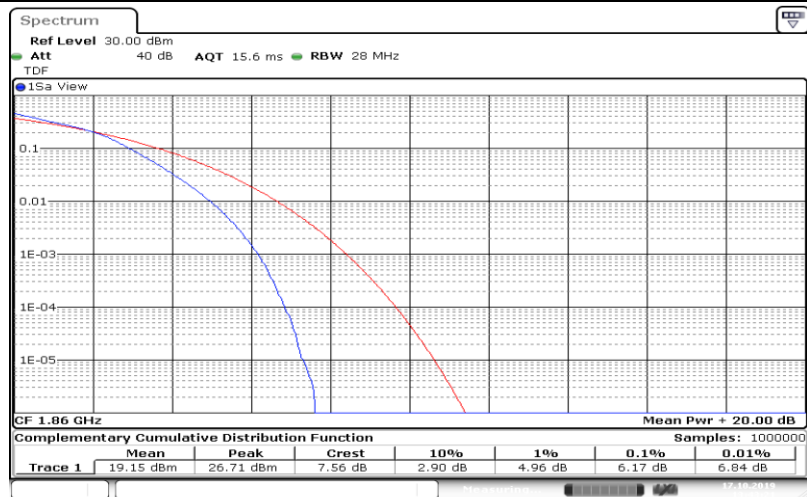


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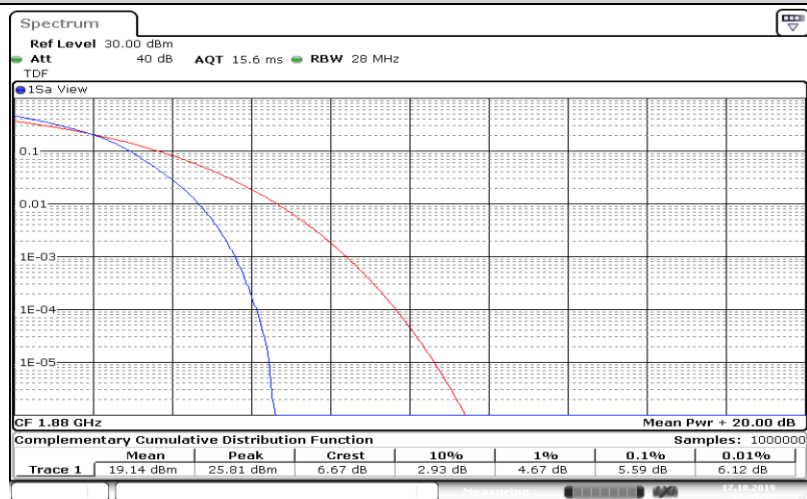
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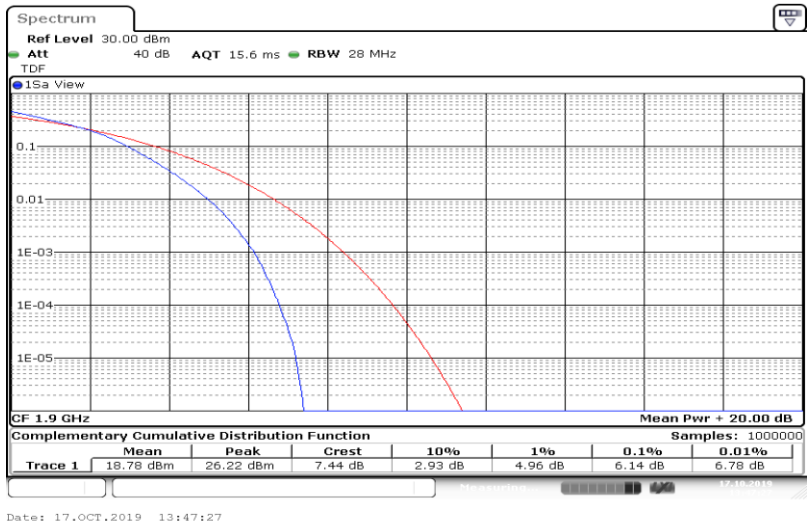
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Band2-20MHz-16QAM-18900-100RB#0



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Band2-20MHz-16QAM-19100-100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.098	1.340	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.098	1.330	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.098	1.315	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.093	1.285	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.098	1.280	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.093	1.295	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.715	3.080	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.715	3.080	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.715	3.060	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.715	3.150	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.715	3.070	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.715	3.070	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.515	5.420	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.545	5.340	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.535	5.340	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.545	5.460	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.525	5.310	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.525	5.250	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.018	10.267	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.985	10.100	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.018	10.200	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.018	10.533	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.985	10.367	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.018	10.167	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.527	16.150	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.478	15.400	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.527	15.550	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.527	15.100	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.527	15.100	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.527	15.250	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.103	20.066	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.037	20.133	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.103	20.467	PASS