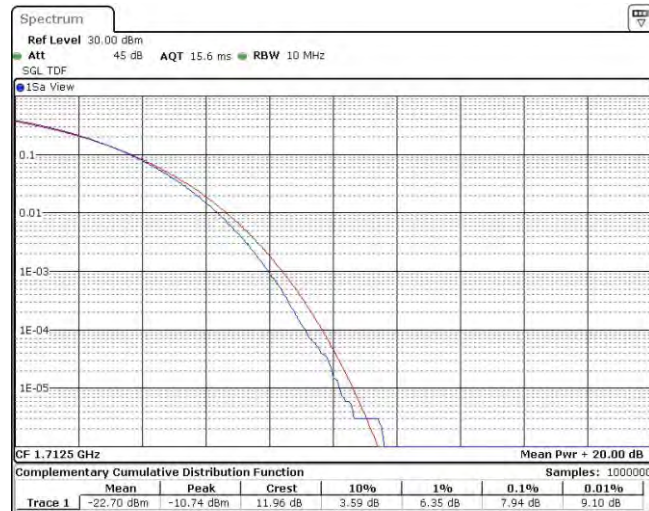




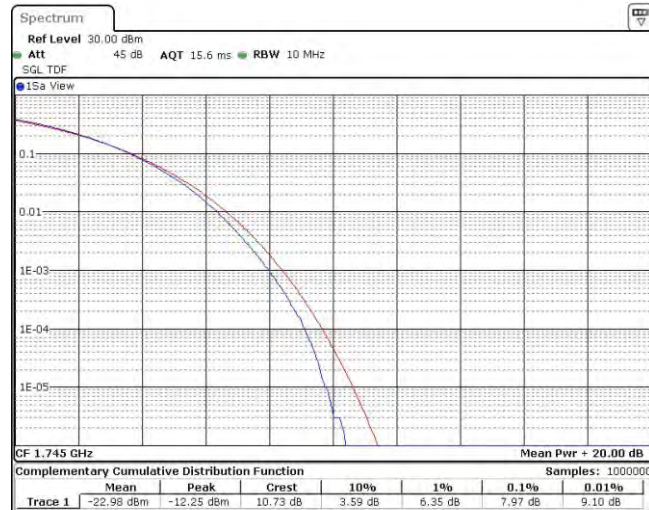
Band66-5MHz-16QAM-131997-1RB#0



Band66-5MHz-16QAM-131997-25RB#0



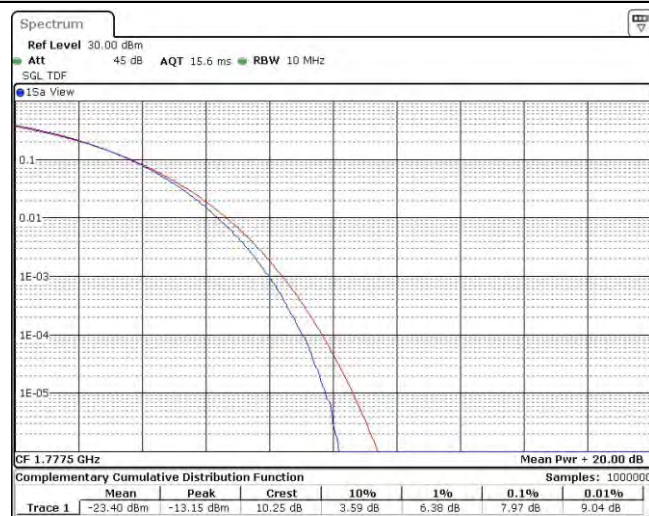
Band66-5MHz-16QAM-132322-1RB#0



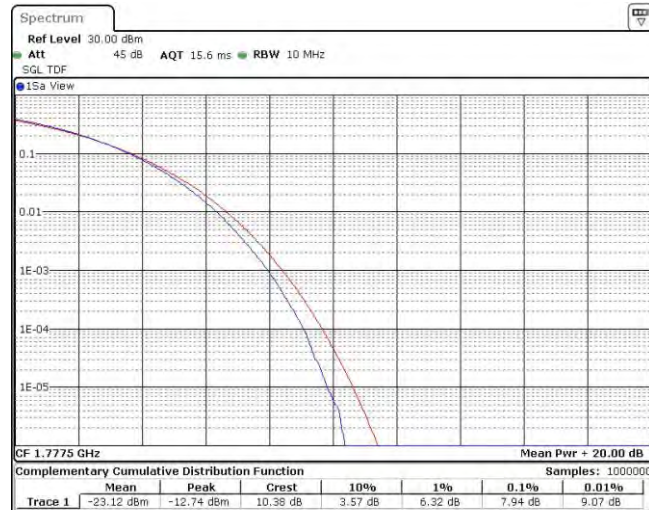
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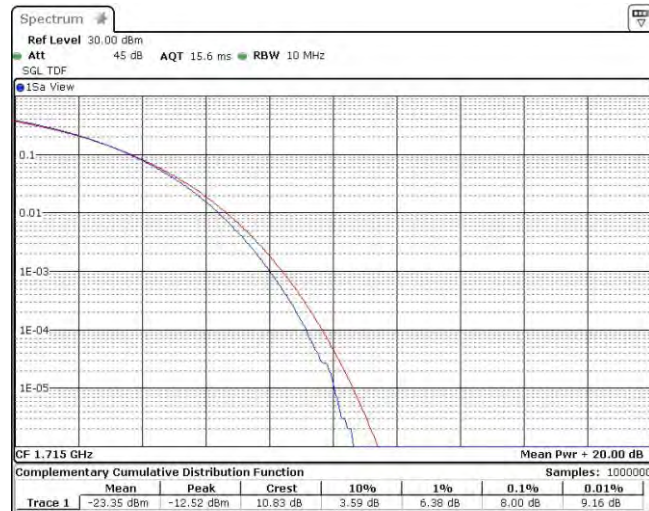
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Band66-5MHz-16QAM-132647-25RB#0



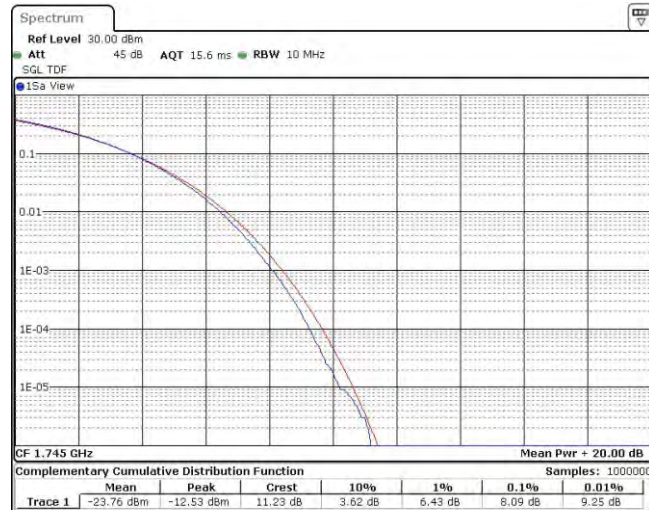
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Band66-10MHz-QPSK-132022-50RB#0



Band66-10MHz-QPSK-132322-1RB#0



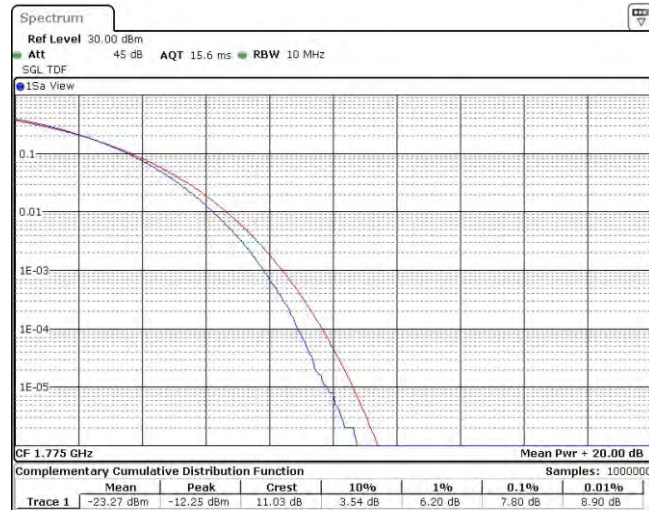
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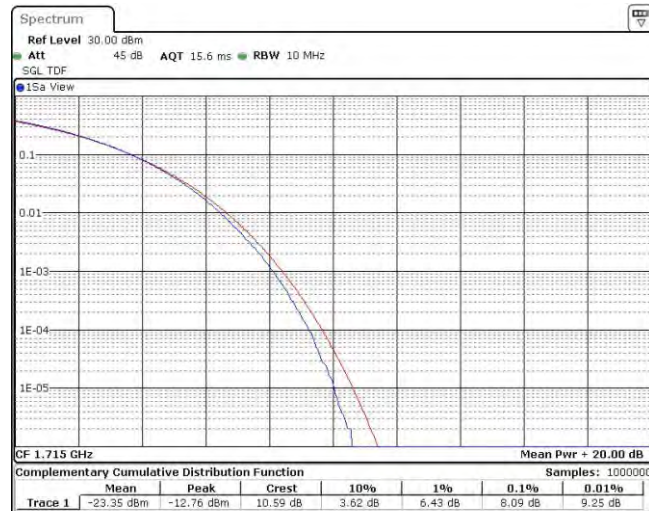
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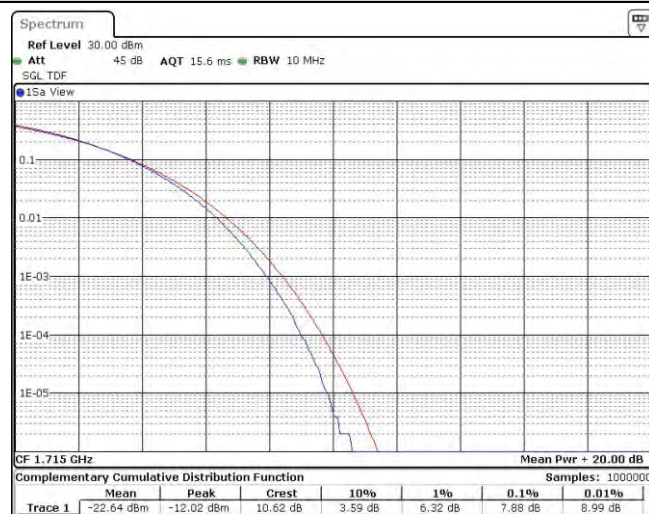
Band66-10MHz-QPSK-132622-50RB#0



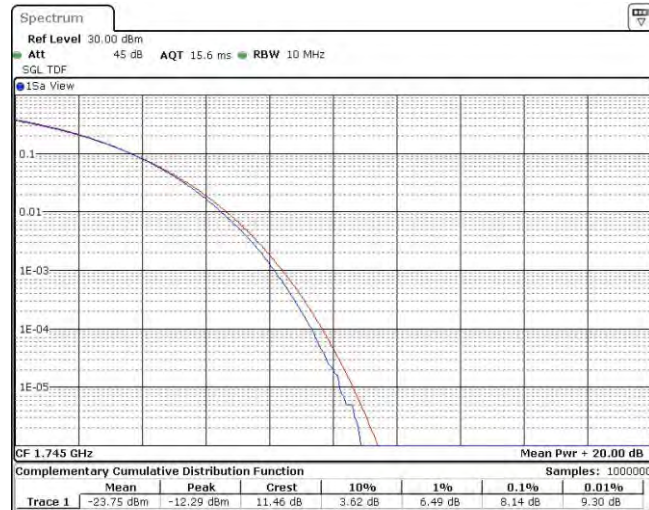
Band66-10MHz-16QAM-132022-1RB#0



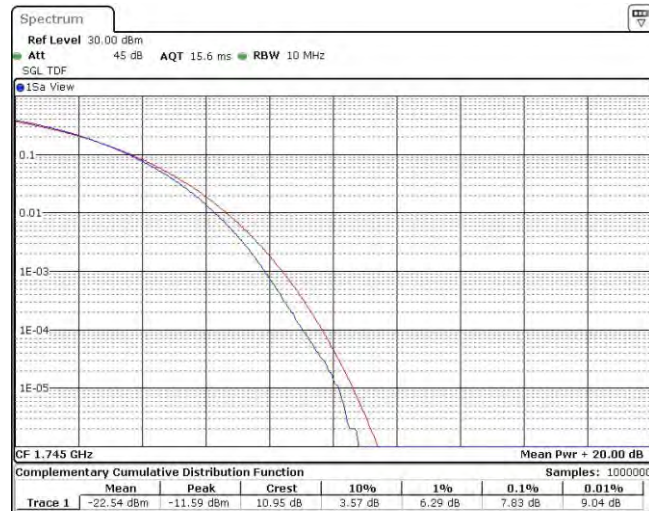
Band66-10MHz-16QAM-132022-50RB#0



Band66-10MHz-16QAM-132322-1RB#0



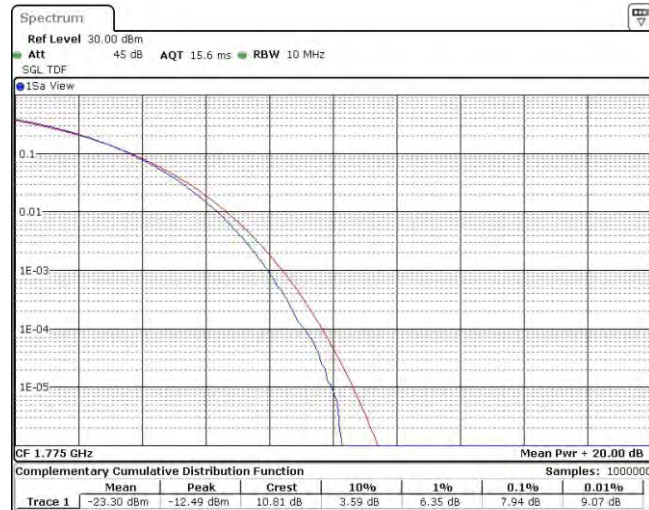
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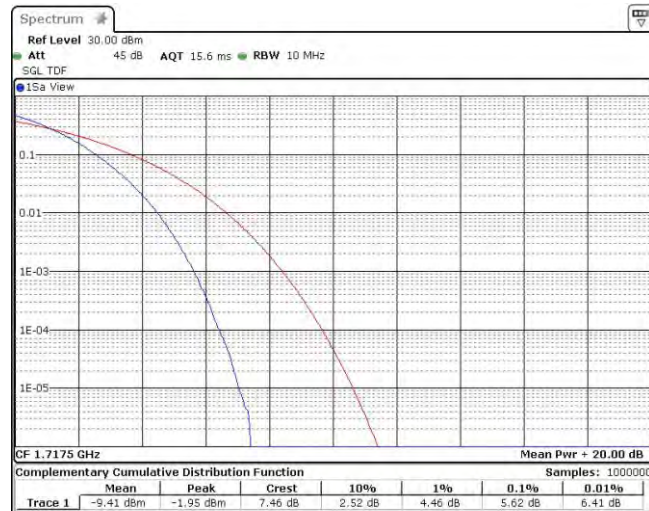
Band66-10MHz-16QAM-132622-1RB#0



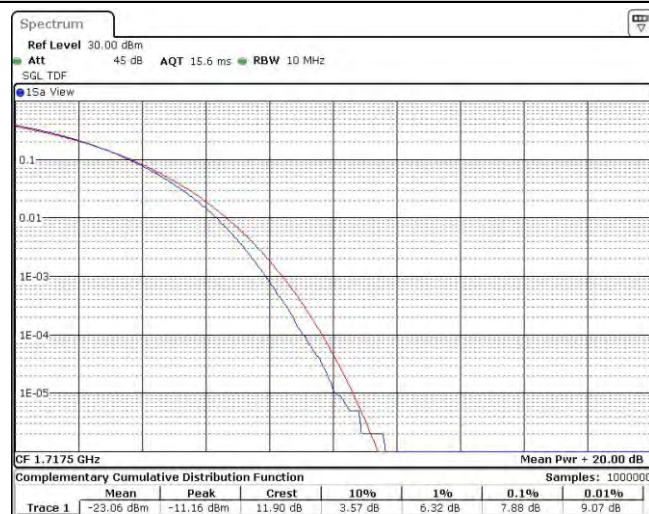
Band66-10MHz-16QAM-132622-50RB#0



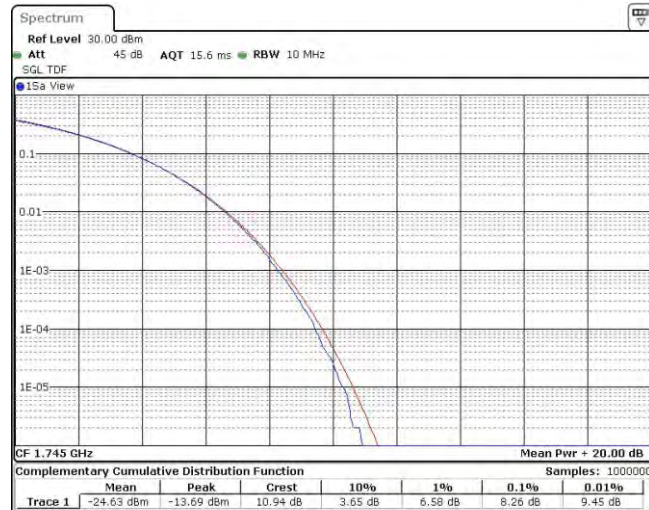
Band66-15MHz-QPSK-132047-1RB#0



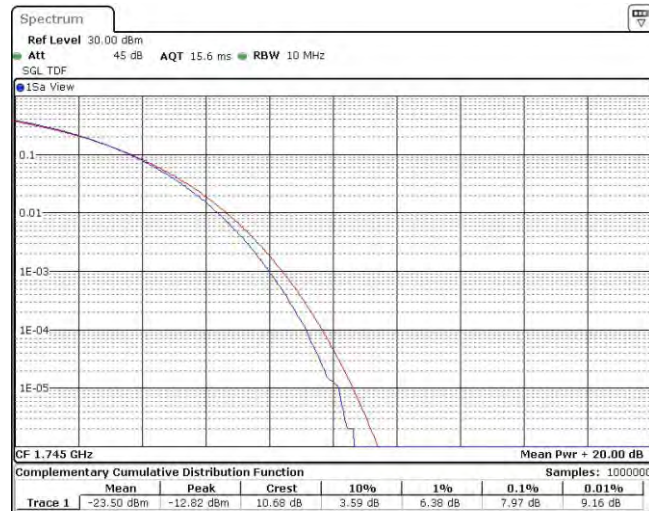
Band66-15MHz-QPSK-132047-75RB#0



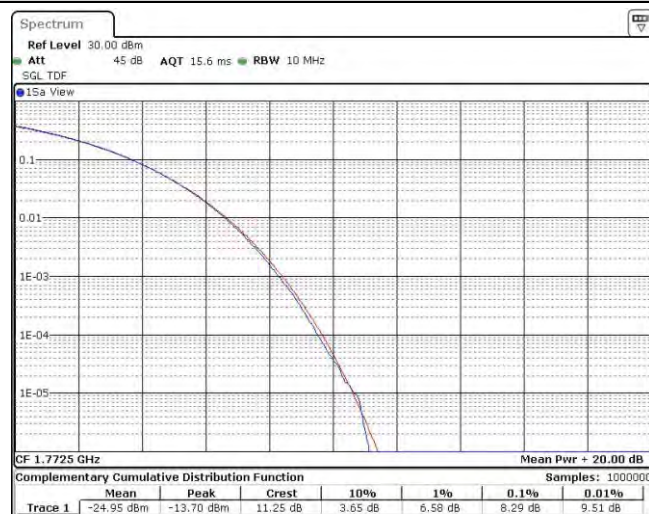
Band66-15MHz-QPSK-132322-1RB#0



Band66-15MHz-QPSK-132322-75RB#0



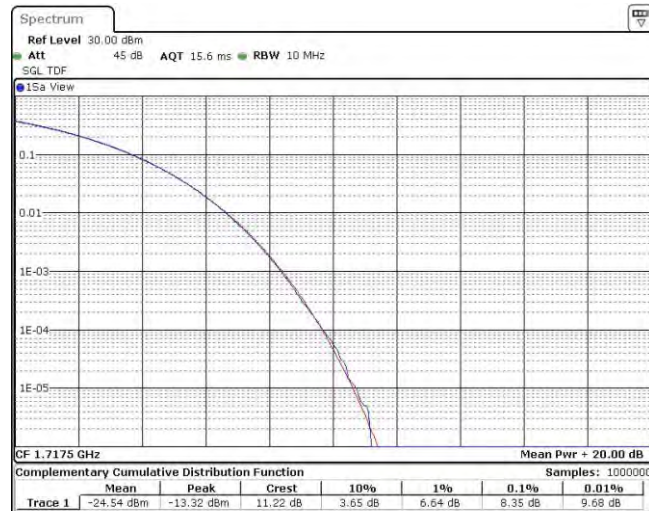
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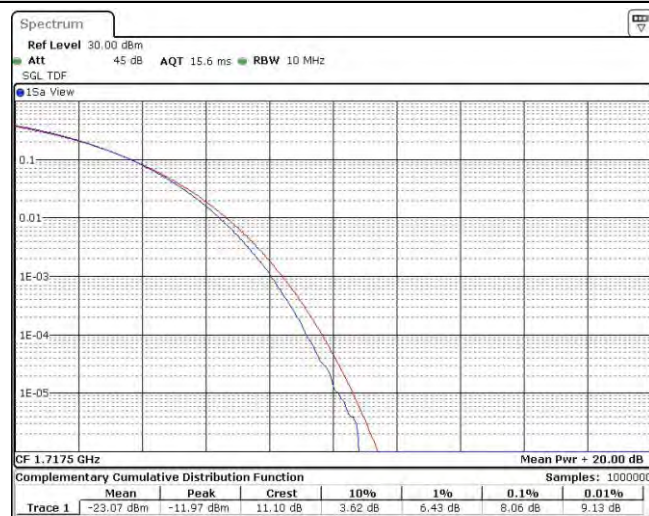
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Band66-15MHz-16QAM-132047-1RB#0



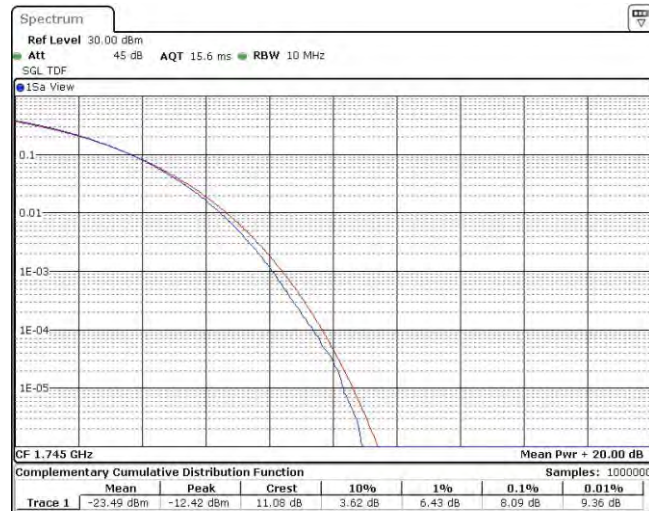
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Band66-15MHz-16QAM-132322-1RB#0



Band66-15MHz-16QAM-132322-75RB#0



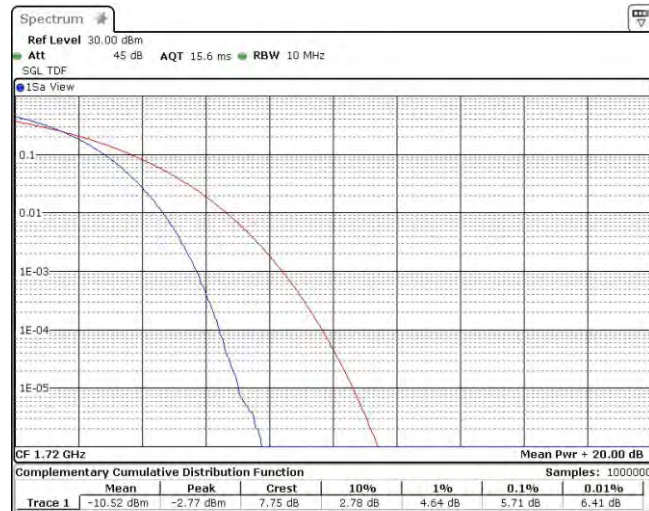
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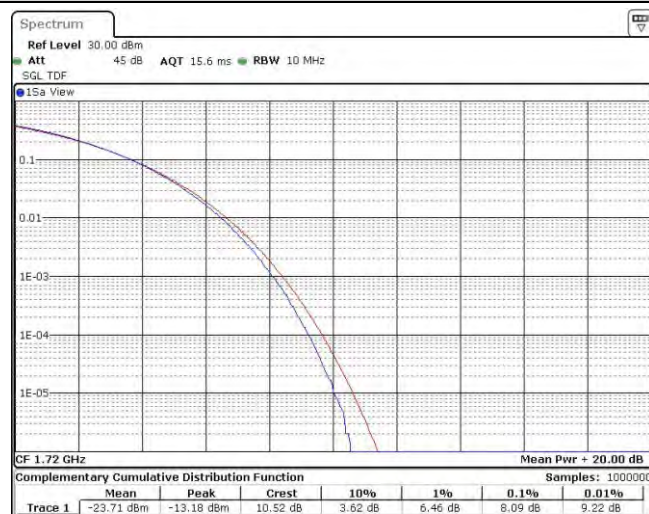
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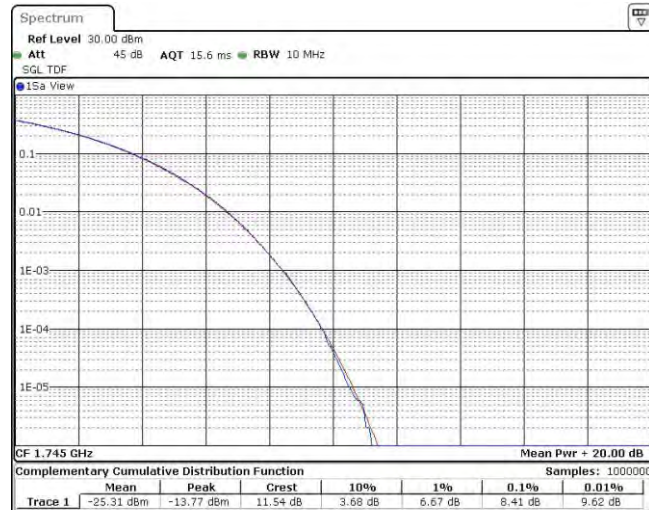
Band66-20MHz-QPSK-132072-1RB#0



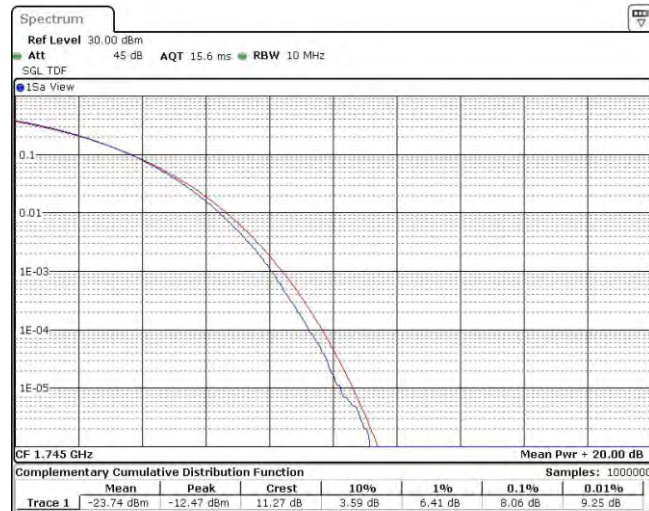
Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132322-1RB#0



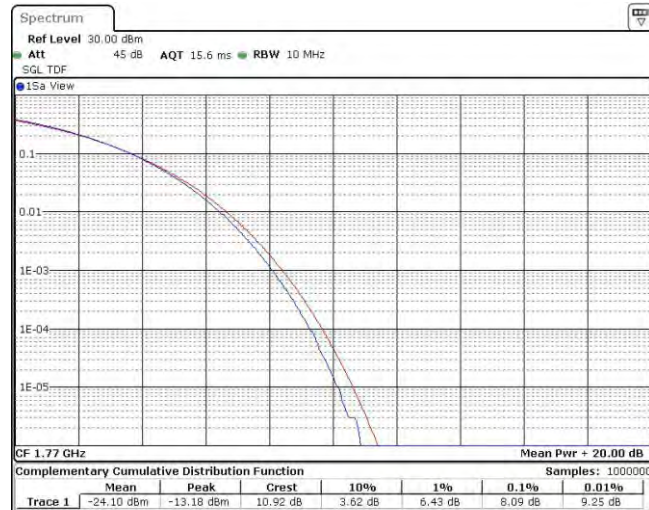
Band66-20MHz-QPSK-132322-100RB#0



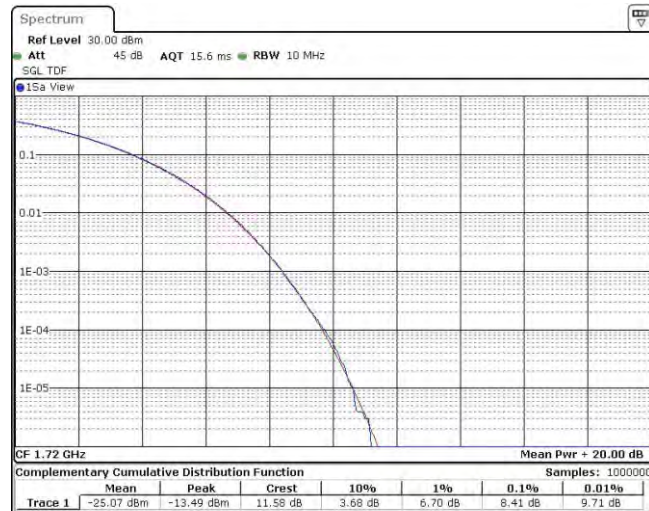
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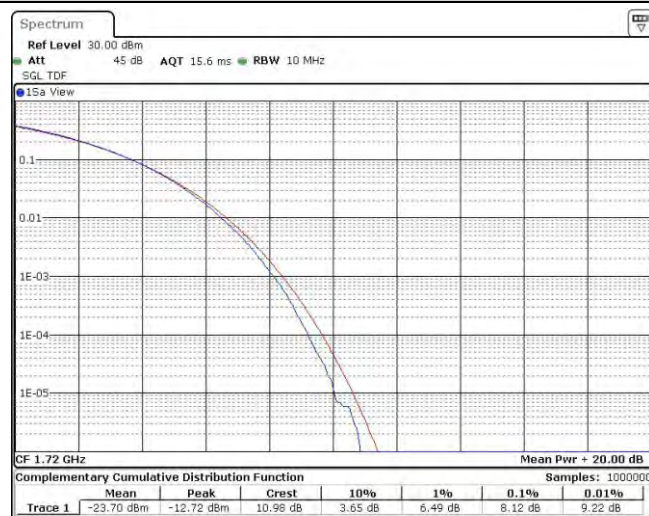
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Band66-20MHz-16QAM-132072-1RB#0



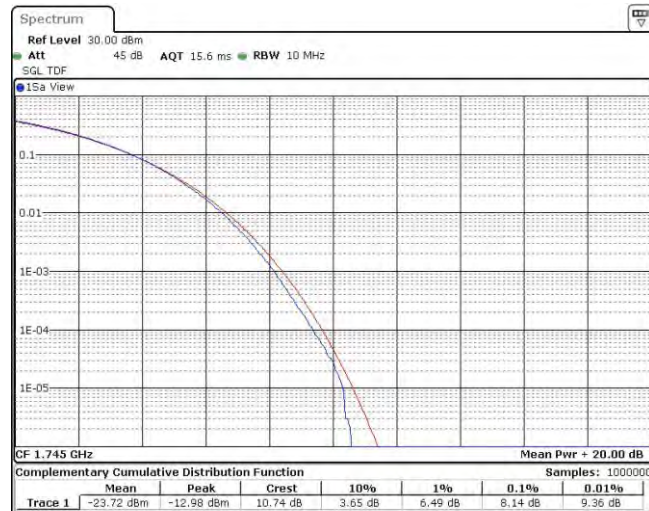
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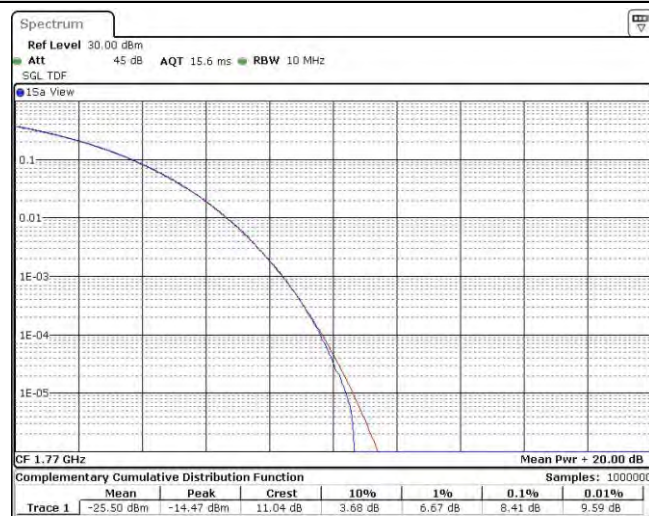
Band66-20MHz-16QAM-132322-1RB#0



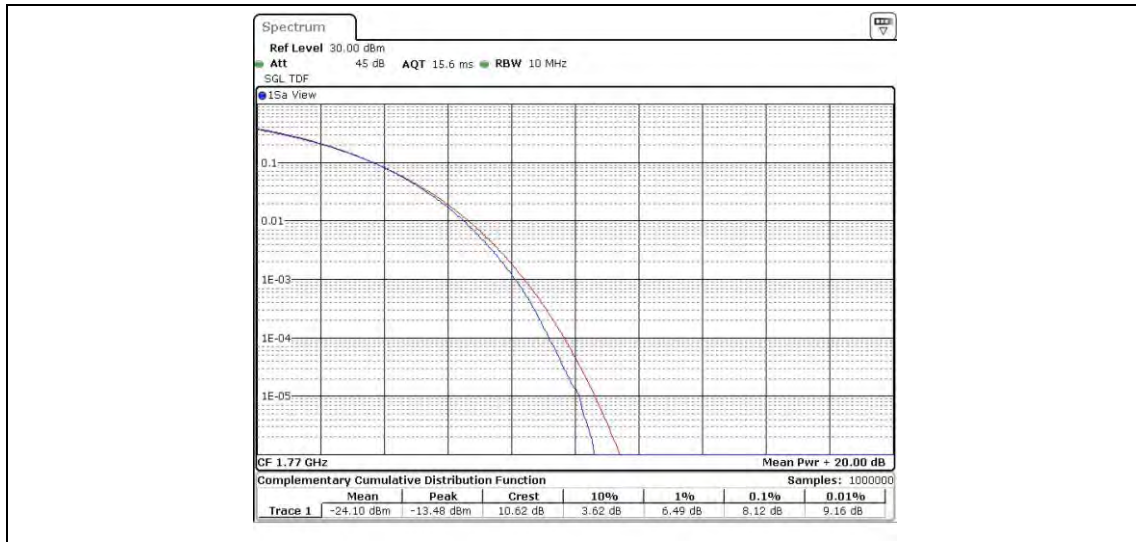
Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-1RB#0



Band66-20MHz-16QAM-132572-100RB#0



Appendix C: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	PASS	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	PASS	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS	PASS
Band2	3MHz	QPSK	18900	15RB#0	PASS	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS	PASS
Band2	3MHz	16QAM	18900	15RB#0	PASS	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS	PASS
Band2	5MHz	QPSK	18900	25RB#0	PASS	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS	PASS
Band2	5MHz	16QAM	18900	25RB#0	PASS	PASS
Band2	5MHz	16QAM	19175	25RB#0	PASS	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS	PASS
Band2	10MHz	QPSK	18900	50RB#0	PASS	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS	PASS
Band2	10MHz	16QAM	18650	50RB#0	PASS	PASS
Band2	10MHz	16QAM	18900	50RB#0	PASS	PASS
Band2	10MHz	16QAM	19150	50RB#0	PASS	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS	PASS
Band2	15MHz	QPSK	18900	75RB#0	PASS	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS	PASS
Band2	15MHz	16QAM	18675	75RB#0	PASS	PASS
Band2	15MHz	16QAM	18900	75RB#0	PASS	PASS
Band2	15MHz	16QAM	19125	75RB#0	PASS	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS	PASS
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18700	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS

Band2	20MHz	16QAM	19100	100RB#0	PASS	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	PASS	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	PASS	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	PASS	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS	PASS
Band4	3MHz	QPSK	20175	15RB#0	PASS	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS	PASS
Band4	3MHz	16QAM	20175	15RB#0	PASS	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS	PASS
Band4	5MHz	QPSK	20175	25RB#0	PASS	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS	PASS
Band4	5MHz	16QAM	20175	25RB#0	PASS	PASS
Band4	5MHz	16QAM	20375	25RB#0	PASS	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS	PASS
Band4	10MHz	QPSK	20175	50RB#0	PASS	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS	PASS
Band4	10MHz	16QAM	20000	50RB#0	PASS	PASS
Band4	10MHz	16QAM	20175	50RB#0	PASS	PASS
Band4	10MHz	16QAM	20350	50RB#0	PASS	PASS
Band4	15MHz	QPSK	20025	75RB#0	PASS	PASS
Band4	15MHz	QPSK	20175	75RB#0	PASS	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS	PASS
Band4	15MHz	16QAM	20025	75RB#0	PASS	PASS
Band4	15MHz	16QAM	20175	75RB#0	PASS	PASS
Band4	15MHz	16QAM	20325	75RB#0	PASS	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS	PASS
Band4	20MHz	QPSK	20175	100RB#0	PASS	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20050	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20300	100RB#0	PASS	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	PASS	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	PASS	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	PASS	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	PASS	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	PASS	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	PASS	PASS

Band5	3MHz	QPSK	20415	15RB#0	PASS	PASS
Band5	3MHz	QPSK	20525	15RB#0	PASS	PASS
Band5	3MHz	QPSK	20635	15RB#0	PASS	PASS
Band5	3MHz	16QAM	20415	15RB#0	PASS	PASS
Band5	3MHz	16QAM	20525	15RB#0	PASS	PASS
Band5	3MHz	16QAM	20635	15RB#0	PASS	PASS
Band5	5MHz	QPSK	20425	25RB#0	PASS	PASS
Band5	5MHz	QPSK	20525	25RB#0	PASS	PASS
Band5	5MHz	QPSK	20625	25RB#0	PASS	PASS
Band5	5MHz	16QAM	20425	25RB#0	PASS	PASS
Band5	5MHz	16QAM	20525	25RB#0	PASS	PASS
Band5	5MHz	16QAM	20625	25RB#0	PASS	PASS
Band5	10MHz	QPSK	20450	50RB#0	PASS	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	QPSK	20600	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20450	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20600	50RB#0	PASS	PASS
Band7	5MHz	QPSK	20775	25RB#0	PASS	PASS
Band7	5MHz	QPSK	21100	25RB#0	PASS	PASS
Band7	5MHz	QPSK	21425	25RB#0	PASS	PASS
Band7	5MHz	16QAM	20775	25RB#0	PASS	PASS
Band7	5MHz	16QAM	21100	25RB#0	PASS	PASS
Band7	5MHz	16QAM	21425	25RB#0	PASS	PASS
Band7	10MHz	QPSK	20800	50RB#0	PASS	PASS
Band7	10MHz	QPSK	21100	50RB#0	PASS	PASS
Band7	10MHz	QPSK	21400	50RB#0	PASS	PASS
Band7	10MHz	16QAM	20800	50RB#0	PASS	PASS
Band7	10MHz	16QAM	21100	50RB#0	PASS	PASS
Band7	10MHz	16QAM	21400	50RB#0	PASS	PASS
Band7	15MHz	QPSK	20825	75RB#0	PASS	PASS
Band7	15MHz	QPSK	21100	75RB#0	PASS	PASS
Band7	15MHz	QPSK	21375	75RB#0	PASS	PASS
Band7	15MHz	16QAM	20825	75RB#0	PASS	PASS
Band7	15MHz	16QAM	21100	75RB#0	PASS	PASS
Band7	15MHz	16QAM	21375	75RB#0	PASS	PASS
Band7	20MHz	QPSK	20850	100RB#0	PASS	PASS
Band7	20MHz	QPSK	21100	100RB#0	PASS	PASS
Band7	20MHz	QPSK	21350	100RB#0	PASS	PASS
Band7	20MHz	16QAM	20850	100RB#0	PASS	PASS
Band7	20MHz	16QAM	21100	100RB#0	PASS	PASS
Band7	20MHz	16QAM	21350	100RB#0	PASS	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	PASS	PASS

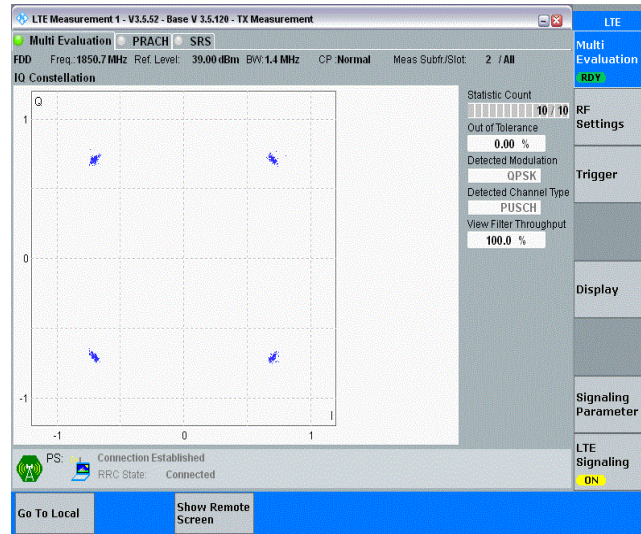
Band12	1.4MHz	QPSK	23095	6RB#0	PASS	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	PASS	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	PASS	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	PASS	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	PASS	PASS
Band12	3MHz	QPSK	23025	15RB#0	PASS	PASS
Band12	3MHz	QPSK	23095	15RB#0	PASS	PASS
Band12	3MHz	QPSK	23165	15RB#0	PASS	PASS
Band12	3MHz	16QAM	23025	15RB#0	PASS	PASS
Band12	3MHz	16QAM	23095	15RB#0	PASS	PASS
Band12	3MHz	16QAM	23165	15RB#0	PASS	PASS
Band12	5MHz	QPSK	23035	25RB#0	PASS	PASS
Band12	5MHz	QPSK	23095	25RB#0	PASS	PASS
Band12	5MHz	QPSK	23155	25RB#0	PASS	PASS
Band12	5MHz	16QAM	23035	25RB#0	PASS	PASS
Band12	5MHz	16QAM	23095	25RB#0	PASS	PASS
Band12	5MHz	16QAM	23155	25RB#0	PASS	PASS
Band12	10MHz	QPSK	23060	50RB#0	PASS	PASS
Band12	10MHz	QPSK	23095	50RB#0	PASS	PASS
Band12	10MHz	QPSK	23130	50RB#0	PASS	PASS
Band12	10MHz	16QAM	23060	50RB#0	PASS	PASS
Band12	10MHz	16QAM	23095	50RB#0	PASS	PASS
Band12	10MHz	16QAM	23130	50RB#0	PASS	PASS
Band17	5MHz	QPSK	23755	25RB#0	PASS	PASS
Band17	5MHz	QPSK	23790	25RB#0	PASS	PASS
Band17	5MHz	QPSK	23825	25RB#0	PASS	PASS
Band17	5MHz	16QAM	23755	25RB#0	PASS	PASS
Band17	5MHz	16QAM	23790	25RB#0	PASS	PASS
Band17	5MHz	16QAM	23825	25RB#0	PASS	PASS
Band17	10MHz	QPSK	23780	50RB#0	PASS	PASS
Band17	10MHz	QPSK	23790	50RB#0	PASS	PASS
Band17	10MHz	QPSK	23800	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23780	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23790	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23800	50RB#0	PASS	PASS
Band41	5MHz	QPSK	39675	25RB#0	PASS	PASS
Band41	5MHz	QPSK	40620	25RB#0	PASS	PASS
Band41	5MHz	QPSK	41565	25RB#0	PASS	PASS
Band41	5MHz	16QAM	39675	25RB#0	PASS	PASS
Band41	5MHz	16QAM	40620	25RB#0	PASS	PASS
Band41	5MHz	16QAM	41565	25RB#0	PASS	PASS
Band41	10MHz	QPSK	39700	50RB#0	PASS	PASS
Band41	10MHz	QPSK	40620	50RB#0	PASS	PASS

Band41	10MHz	QPSK	41540	50RB#0	PASS	PASS
Band41	10MHz	16QAM	39700	50RB#0	PASS	PASS
Band41	10MHz	16QAM	40620	50RB#0	PASS	PASS
Band41	10MHz	16QAM	41540	50RB#0	PASS	PASS
Band41	15MHz	QPSK	39725	75RB#0	PASS	PASS
Band41	15MHz	QPSK	40620	75RB#0	PASS	PASS
Band41	15MHz	QPSK	41515	75RB#0	PASS	PASS
Band41	15MHz	16QAM	39725	75RB#0	PASS	PASS
Band41	15MHz	16QAM	40620	75RB#0	PASS	PASS
Band41	15MHz	16QAM	41515	75RB#0	PASS	PASS
Band41	20MHz	QPSK	39750	100RB#0	PASS	PASS
Band41	20MHz	QPSK	40620	100RB#0	PASS	PASS
Band41	20MHz	QPSK	41490	100RB#0	PASS	PASS
Band41	20MHz	16QAM	39750	100RB#0	PASS	PASS
Band41	20MHz	16QAM	40620	100RB#0	PASS	PASS
Band41	20MHz	16QAM	41490	100RB#0	PASS	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	PASS	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	PASS	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	PASS	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	PASS	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	PASS	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	PASS	PASS
Band66	3MHz	QPSK	131987	15RB#0	PASS	PASS
Band66	3MHz	QPSK	132322	15RB#0	PASS	PASS
Band66	3MHz	QPSK	132657	15RB#0	PASS	PASS
Band66	3MHz	16QAM	131987	15RB#0	PASS	PASS
Band66	3MHz	16QAM	132322	15RB#0	PASS	PASS
Band66	3MHz	16QAM	132657	15RB#0	PASS	PASS
Band66	5MHz	QPSK	131997	25RB#0	PASS	PASS
Band66	5MHz	QPSK	132322	25RB#0	PASS	PASS
Band66	5MHz	QPSK	132647	25RB#0	PASS	PASS
Band66	5MHz	16QAM	131997	25RB#0	PASS	PASS
Band66	5MHz	16QAM	132322	25RB#0	PASS	PASS
Band66	5MHz	16QAM	132647	25RB#0	PASS	PASS
Band66	10MHz	QPSK	132022	50RB#0	PASS	PASS
Band66	10MHz	QPSK	132322	50RB#0	PASS	PASS
Band66	10MHz	QPSK	132622	50RB#0	PASS	PASS
Band66	10MHz	16QAM	132022	50RB#0	PASS	PASS
Band66	10MHz	16QAM	132322	50RB#0	PASS	PASS
Band66	10MHz	16QAM	132622	50RB#0	PASS	PASS
Band66	15MHz	QPSK	132047	75RB#0	PASS	PASS
Band66	15MHz	QPSK	132322	75RB#0	PASS	PASS
Band66	15MHz	QPSK	132597	75RB#0	PASS	PASS

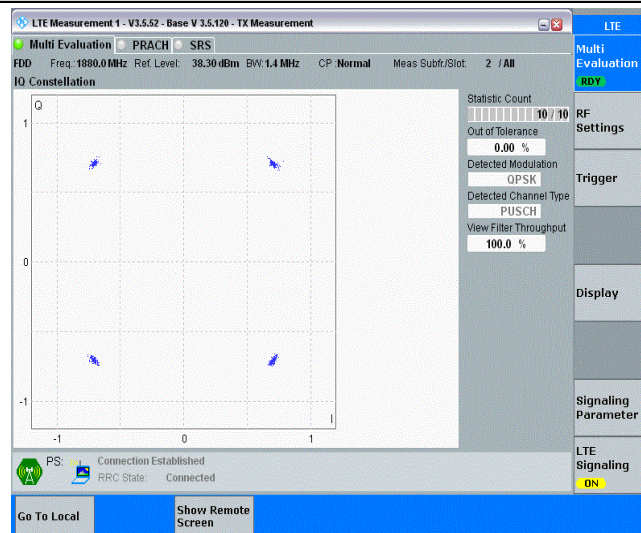
Band66	15MHz	16QAM	132047	75RB#0	PASS	PASS
Band66	15MHz	16QAM	132322	75RB#0	PASS	PASS
Band66	15MHz	16QAM	132597	75RB#0	PASS	PASS
Band66	20MHz	QPSK	132072	100RB#0	PASS	PASS
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	QPSK	132572	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132072	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132572	100RB#0	PASS	PASS

Test Graphs

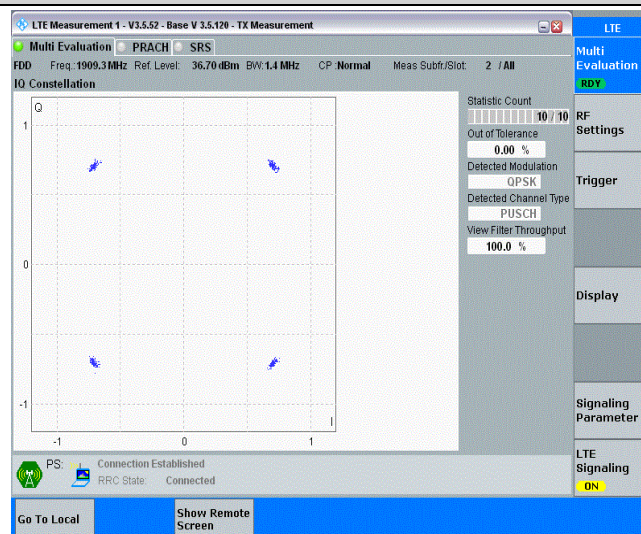
Band2-1.4MHz-QPSK-18607-6RB#0



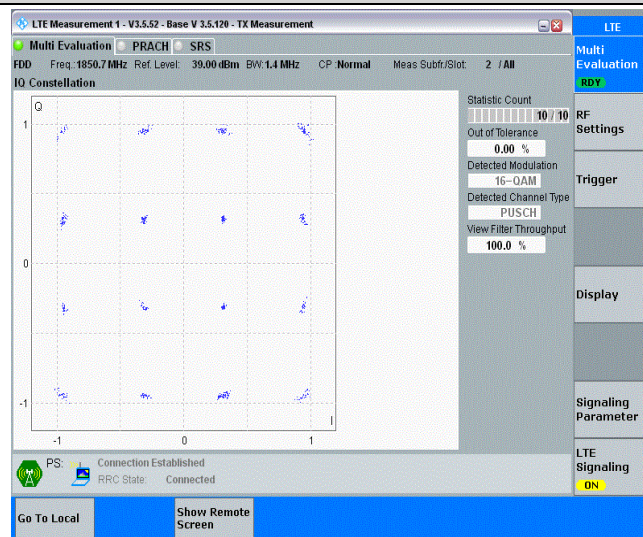
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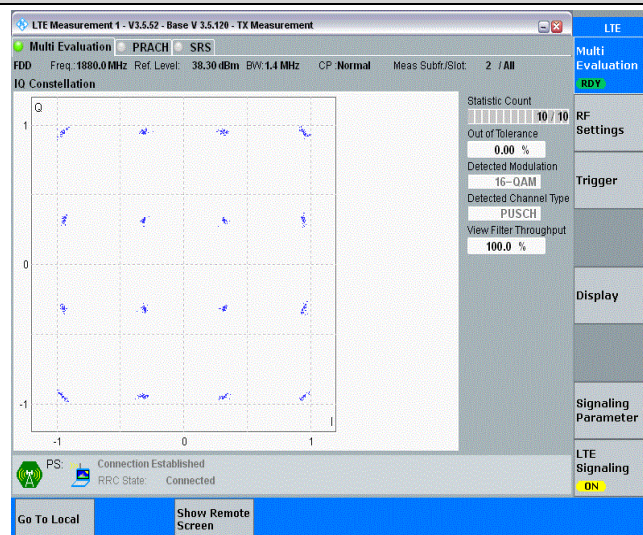
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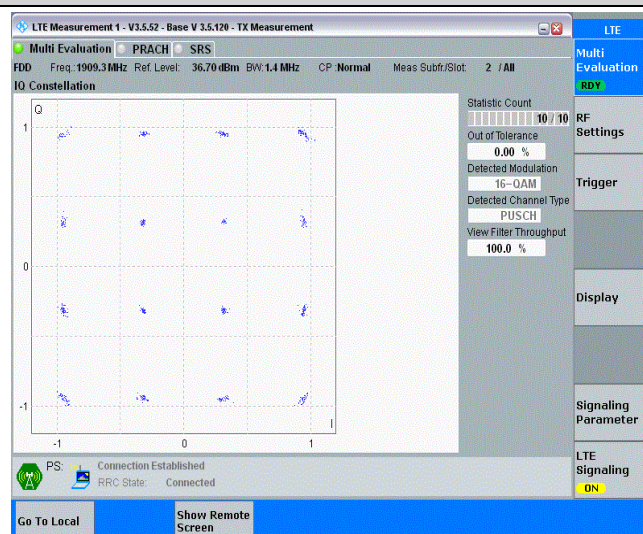
Band2-1.4MHz-16QAM-18607-6RB#0



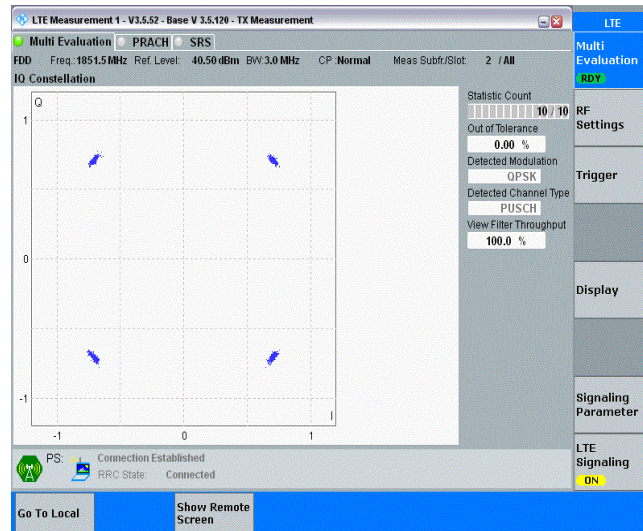
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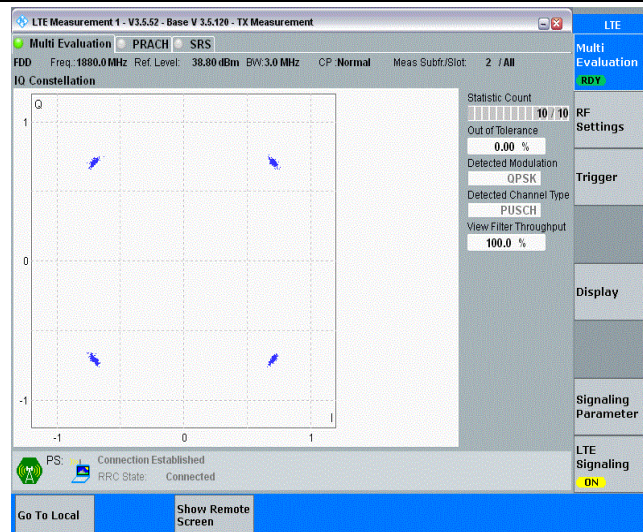
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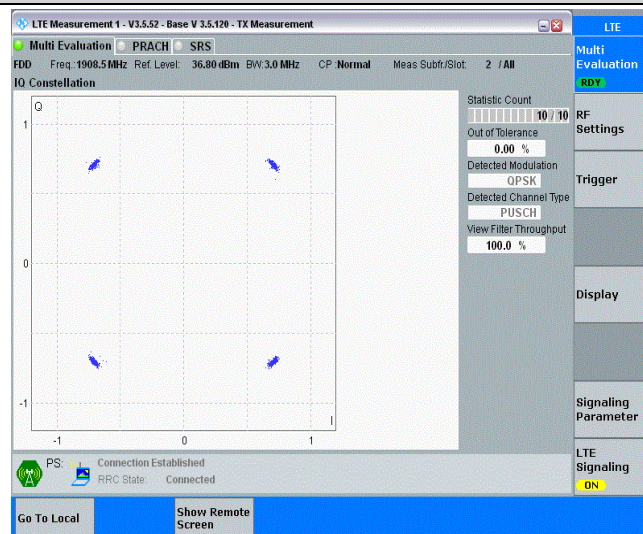
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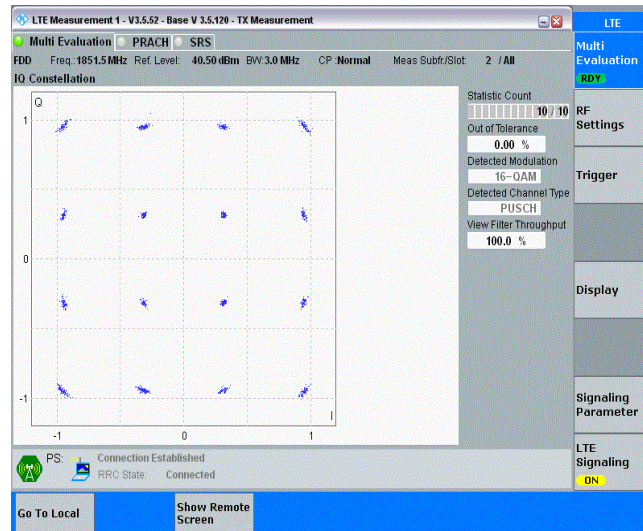
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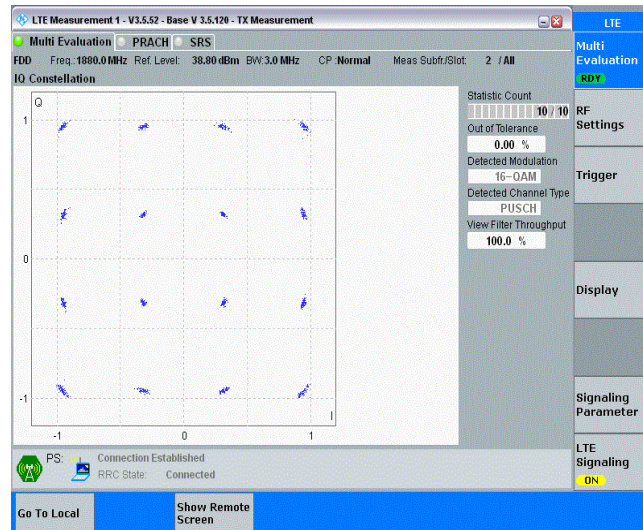
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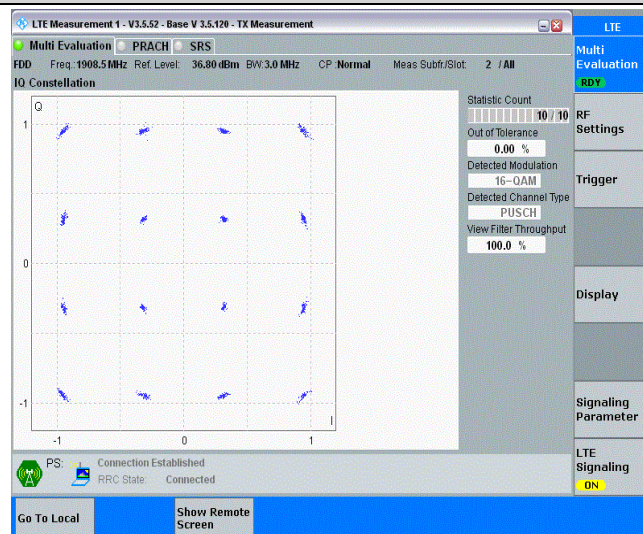
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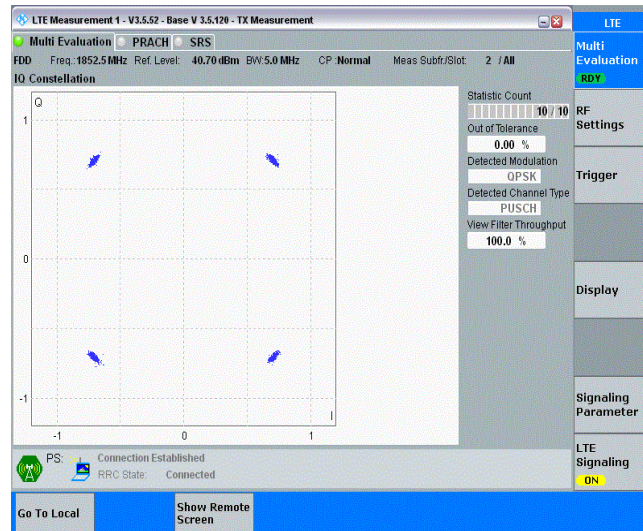
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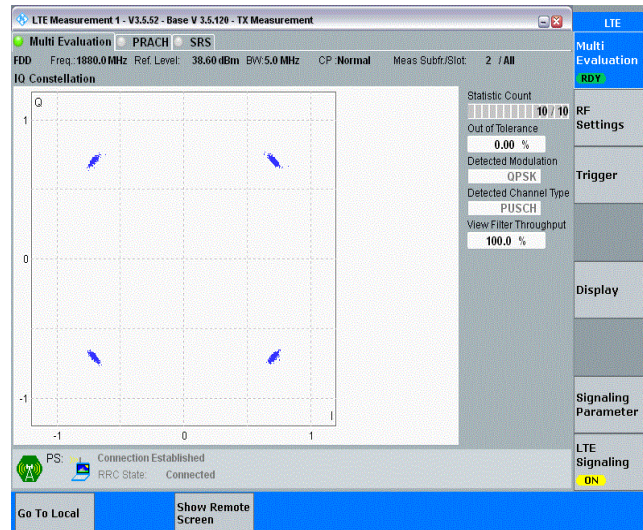
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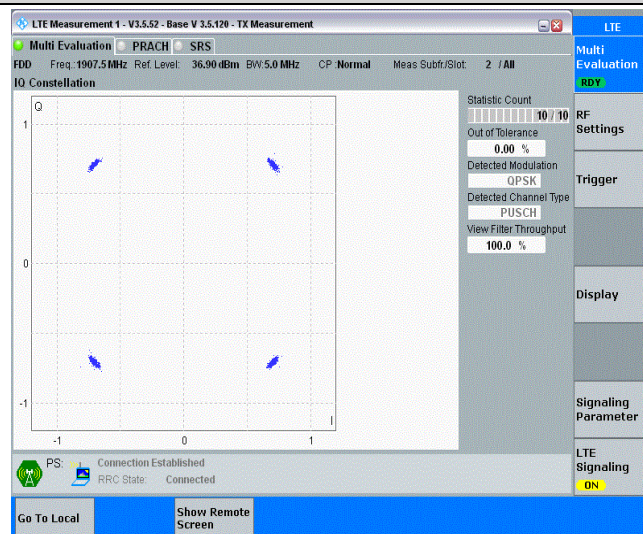
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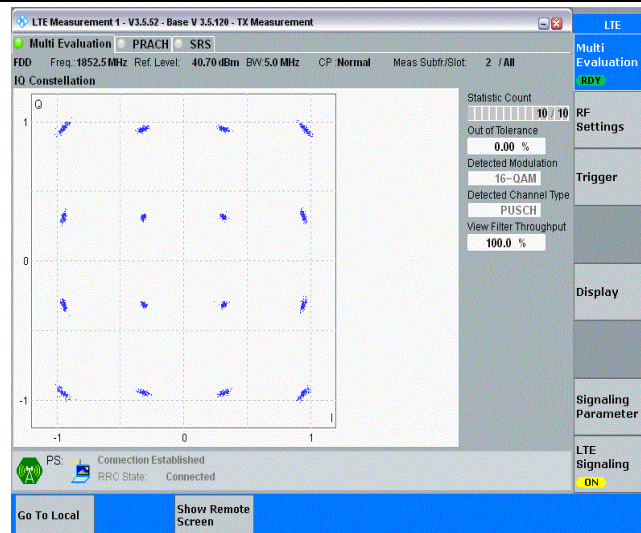
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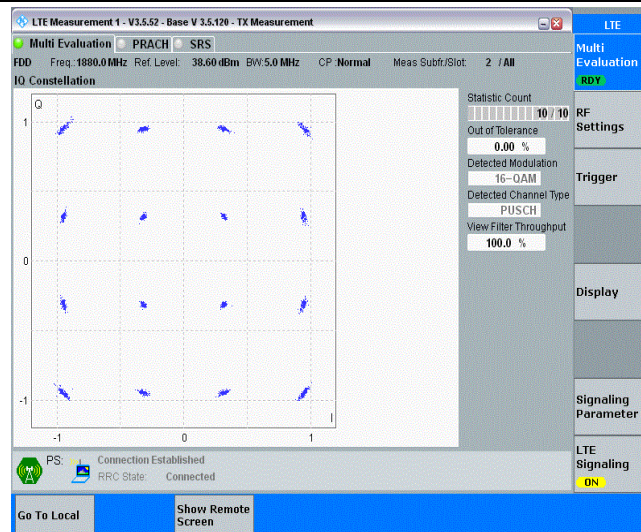
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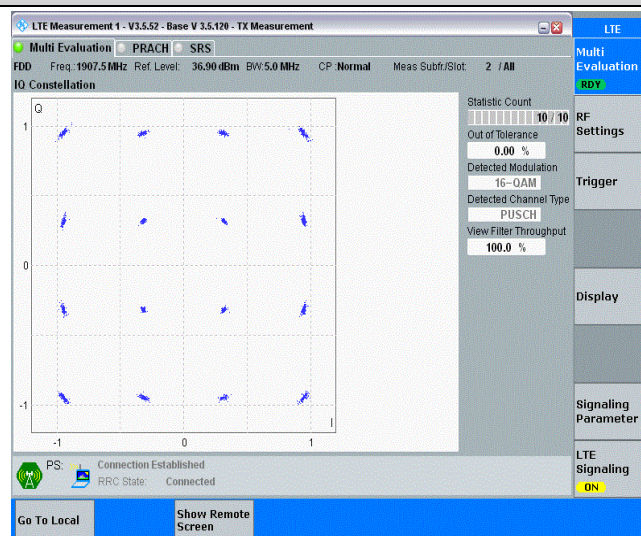
Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-18900-25RB#0



Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-50RB#0