



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-1RB#0



Band41-20MHz-16QAM-41490-100RB#0



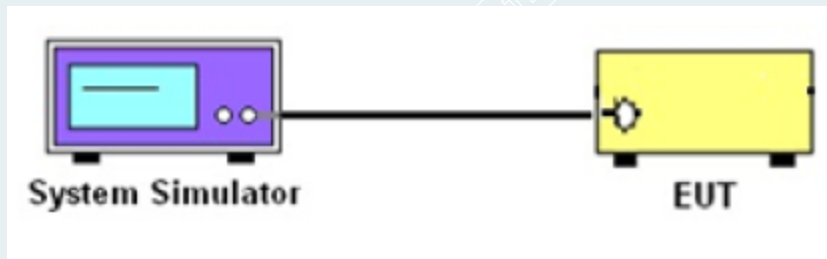
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7. MODULATION CHARACTERISTICS

7.1 TEST PROCEDURES

The devices may employ any type of modulation techniques. The type of modulation used must be reported.

7.2 TEST SETUP



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7.3 TEST RESULTS

EUT Name	DiLink	Model	DiLink 3.0F
Sample No.	E20211217696105-0006	Test Mode	LTE
Power supply	DC 12V	Environmental Conditions	Temp:22.5℃;Humi:46%RH
Test Date	2022-04-08 to 2022-05-10	Test Site	/
Tested By	Zhou Xiaolong	Reviewed by	Zhao Zetian

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

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	Digital modulation	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	Digital modulation	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	Digital modulation	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	Digital modulation	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	Digital modulation	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	Digital modulation	PASS
Band4	3MHz	QPSK	19965	15RB#0	Digital modulation	PASS
Band4	3MHz	QPSK	20175	15RB#0	Digital modulation	PASS

Band4	3MHz	QPSK	20385	15RB#0	Digital modulation	PASS
Band4	3MHz	16QAM	19965	15RB#0	Digital modulation	PASS
Band4	3MHz	16QAM	20175	15RB#0	Digital modulation	PASS
Band4	3MHz	16QAM	20385	15RB#0	Digital modulation	PASS
Band4	5MHz	QPSK	19975	25RB#0	Digital modulation	PASS
Band4	5MHz	QPSK	20175	25RB#0	Digital modulation	PASS
Band4	5MHz	QPSK	20375	25RB#0	Digital modulation	PASS
Band4	5MHz	16QAM	19975	25RB#0	Digital modulation	PASS
Band4	5MHz	16QAM	20175	25RB#0	Digital modulation	PASS
Band4	5MHz	16QAM	20375	25RB#0	Digital modulation	PASS
Band4	10MHz	QPSK	20000	50RB#0	Digital modulation	PASS
Band4	10MHz	QPSK	20175	50RB#0	Digital modulation	PASS
Band4	10MHz	QPSK	20350	50RB#0	Digital modulation	PASS
Band4	10MHz	16QAM	20000	50RB#0	Digital modulation	PASS
Band4	10MHz	16QAM	20175	50RB#0	Digital modulation	PASS
Band4	10MHz	16QAM	20350	50RB#0	Digital modulation	PASS
Band4	15MHz	QPSK	20025	75RB#0	Digital modulation	PASS
Band4	15MHz	QPSK	20175	75RB#0	Digital modulation	PASS
Band4	15MHz	QPSK	20325	75RB#0	Digital modulation	PASS
Band4	15MHz	16QAM	20025	75RB#0	Digital modulation	PASS
Band4	15MHz	16QAM	20175	75RB#0	Digital modulation	PASS
Band4	15MHz	16QAM	20325	75RB#0	Digital modulation	PASS
Band4	20MHz	QPSK	20050	100RB#0	Digital modulation	PASS
Band4	20MHz	QPSK	20175	100RB#0	Digital modulation	PASS
Band4	20MHz	QPSK	20300	100RB#0	Digital modulation	PASS
Band4	20MHz	16QAM	20050	100RB#0	Digital modulation	PASS
Band4	20MHz	16QAM	20175	100RB#0	Digital modulation	PASS
Band4	20MHz	16QAM	20300	100RB#0	Digital modulation	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	Digital modulation	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	Digital modulation	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	Digital modulation	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	Digital modulation	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	Digital modulation	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	Digital modulation	PASS
Band5	3MHz	QPSK	20415	15RB#0	Digital modulation	PASS
Band5	3MHz	QPSK	20525	15RB#0	Digital modulation	PASS
Band5	3MHz	QPSK	20635	15RB#0	Digital modulation	PASS
Band5	3MHz	16QAM	20415	15RB#0	Digital modulation	PASS
Band5	3MHz	16QAM	20525	15RB#0	Digital modulation	PASS
Band5	3MHz	16QAM	20635	15RB#0	Digital modulation	PASS
Band5	5MHz	QPSK	20425	25RB#0	Digital modulation	PASS
Band5	5MHz	QPSK	20525	25RB#0	Digital modulation	PASS
Band5	5MHz	QPSK	20625	25RB#0	Digital modulation	PASS
Band5	5MHz	16QAM	20425	25RB#0	Digital modulation	PASS
Band5	5MHz	16QAM	20525	25RB#0	Digital modulation	PASS
Band5	5MHz	16QAM	20625	25RB#0	Digital modulation	PASS
Band5	10MHz	QPSK	20450	50RB#0	Digital modulation	PASS
Band5	10MHz	QPSK	20525	50RB#0	Digital modulation	PASS
Band5	10MHz	QPSK	20600	50RB#0	Digital modulation	PASS
Band5	10MHz	16QAM	20450	50RB#0	Digital modulation	PASS
Band5	10MHz	16QAM	20525	50RB#0	Digital modulation	PASS
Band5	10MHz	16QAM	20600	50RB#0	Digital modulation	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band7	5MHz	QPSK	20775	25RB#0	Digital modulation	PASS
Band7	5MHz	QPSK	21100	25RB#0	Digital modulation	PASS
Band7	5MHz	QPSK	21425	25RB#0	Digital modulation	PASS
Band7	5MHz	16QAM	20775	25RB#0	Digital modulation	PASS
Band7	5MHz	16QAM	21100	25RB#0	Digital modulation	PASS
Band7	5MHz	16QAM	21425	25RB#0	Digital modulation	PASS
Band7	10MHz	QPSK	20800	50RB#0	Digital modulation	PASS
Band7	10MHz	QPSK	21100	50RB#0	Digital modulation	PASS
Band7	10MHz	QPSK	21400	50RB#0	Digital modulation	PASS
Band7	10MHz	16QAM	20800	50RB#0	Digital modulation	PASS
Band7	10MHz	16QAM	21100	50RB#0	Digital modulation	PASS
Band7	10MHz	16QAM	21400	50RB#0	Digital modulation	PASS
Band7	15MHz	QPSK	20825	75RB#0	Digital modulation	PASS
Band7	15MHz	QPSK	21100	75RB#0	Digital modulation	PASS
Band7	15MHz	QPSK	21375	75RB#0	Digital modulation	PASS
Band7	15MHz	16QAM	20825	75RB#0	Digital modulation	PASS
Band7	15MHz	16QAM	21100	75RB#0	Digital modulation	PASS
Band7	15MHz	16QAM	21375	75RB#0	Digital modulation	PASS
Band7	20MHz	QPSK	20850	100RB#0	Digital modulation	PASS
Band7	20MHz	QPSK	21100	100RB#0	Digital modulation	PASS
Band7	20MHz	QPSK	21350	100RB#0	Digital modulation	PASS
Band7	20MHz	16QAM	20850	100RB#0	Digital modulation	PASS
Band7	20MHz	16QAM	21100	100RB#0	Digital modulation	PASS
Band7	20MHz	16QAM	21350	100RB#0	Digital modulation	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	Digital modulation	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	Digital modulation	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	Digital modulation	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	Digital modulation	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	Digital modulation	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	Digital modulation	PASS
Band12	3MHz	QPSK	23025	15RB#0	Digital modulation	PASS
Band12	3MHz	QPSK	23095	15RB#0	Digital modulation	PASS
Band12	3MHz	QPSK	23165	15RB#0	Digital modulation	PASS
Band12	3MHz	16QAM	23025	15RB#0	Digital modulation	PASS
Band12	3MHz	16QAM	23095	15RB#0	Digital modulation	PASS
Band12	3MHz	16QAM	23165	15RB#0	Digital modulation	PASS
Band12	5MHz	QPSK	23035	25RB#0	Digital modulation	PASS
Band12	5MHz	QPSK	23095	25RB#0	Digital modulation	PASS
Band12	5MHz	QPSK	23155	25RB#0	Digital modulation	PASS
Band12	5MHz	16QAM	23035	25RB#0	Digital modulation	PASS
Band12	5MHz	16QAM	23095	25RB#0	Digital modulation	PASS
Band12	5MHz	16QAM	23155	25RB#0	Digital modulation	PASS
Band12	10MHz	QPSK	23060	50RB#0	Digital modulation	PASS
Band12	10MHz	QPSK	23095	50RB#0	Digital modulation	PASS
Band12	10MHz	QPSK	23130	50RB#0	Digital modulation	PASS
Band12	10MHz	16QAM	23060	50RB#0	Digital modulation	PASS
Band12	10MHz	16QAM	23095	50RB#0	Digital modulation	PASS
Band12	10MHz	16QAM	23130	50RB#0	Digital modulation	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band13	5MHz	QPSK	23205	25RB#0	Digital modulation	PASS

Band13	5MHz	QPSK	23230	25RB#0	Digital modulation	PASS
Band13	5MHz	QPSK	23255	25RB#0	Digital modulation	PASS
Band13	5MHz	16QAM	23205	25RB#0	Digital modulation	PASS
Band13	5MHz	16QAM	23230	25RB#0	Digital modulation	PASS
Band13	5MHz	16QAM	23255	25RB#0	Digital modulation	PASS
Band13	10MHz	QPSK	23230	50RB#0	Digital modulation	PASS
Band13	10MHz	16QAM	23230	50RB#0	Digital modulation	PASS

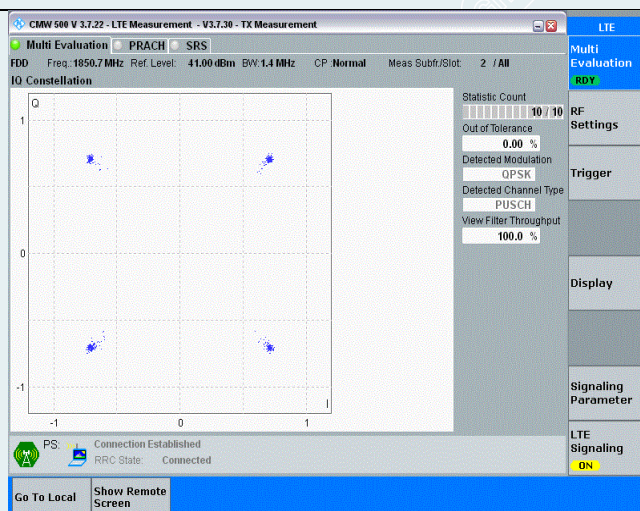
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Band17	5MHz	QPSK	23755	25RB#0	Digital modulation	PASS
Band17	5MHz	QPSK	23790	25RB#0	Digital modulation	PASS
Band17	5MHz	QPSK	23825	25RB#0	Digital modulation	PASS
Band17	5MHz	16QAM	23755	25RB#0	Digital modulation	PASS
Band17	5MHz	16QAM	23790	25RB#0	Digital modulation	PASS
Band17	5MHz	16QAM	23825	25RB#0	Digital modulation	PASS
Band17	10MHz	QPSK	23780	50RB#0	Digital modulation	PASS
Band17	10MHz	QPSK	23790	50RB#0	Digital modulation	PASS
Band17	10MHz	QPSK	23800	50RB#0	Digital modulation	PASS
Band17	10MHz	16QAM	23780	50RB#0	Digital modulation	PASS
Band17	10MHz	16QAM	23790	50RB#0	Digital modulation	PASS
Band17	10MHz	16QAM	23800	50RB#0	Digital modulation	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band38	5MHz	QPSK	37775	25RB#0	Digital modulation	PASS
Band38	5MHz	QPSK	38000	25RB#0	Digital modulation	PASS
Band38	5MHz	QPSK	38225	25RB#0	Digital modulation	PASS
Band38	5MHz	16QAM	37775	25RB#0	Digital modulation	PASS
Band38	5MHz	16QAM	38000	25RB#0	Digital modulation	PASS
Band38	5MHz	16QAM	38225	25RB#0	Digital modulation	PASS
Band38	10MHz	QPSK	37800	50RB#0	Digital modulation	PASS
Band38	10MHz	QPSK	38000	50RB#0	Digital modulation	PASS
Band38	10MHz	QPSK	38200	50RB#0	Digital modulation	PASS
Band38	10MHz	16QAM	37800	50RB#0	Digital modulation	PASS
Band38	10MHz	16QAM	38000	50RB#0	Digital modulation	PASS
Band38	10MHz	16QAM	38200	50RB#0	Digital modulation	PASS
Band38	15MHz	QPSK	37825	75RB#0	Digital modulation	PASS
Band38	15MHz	QPSK	38000	75RB#0	Digital modulation	PASS
Band38	15MHz	QPSK	38175	75RB#0	Digital modulation	PASS
Band38	15MHz	16QAM	37825	75RB#0	Digital modulation	PASS
Band38	15MHz	16QAM	38000	75RB#0	Digital modulation	PASS
Band38	15MHz	16QAM	38175	75RB#0	Digital modulation	PASS
Band38	20MHz	QPSK	37850	100RB#0	Digital modulation	PASS
Band38	20MHz	QPSK	38000	100RB#0	Digital modulation	PASS
Band38	20MHz	QPSK	38150	100RB#0	Digital modulation	PASS
Band38	20MHz	16QAM	37850	100RB#0	Digital modulation	PASS
Band38	20MHz	16QAM	38000	100RB#0	Digital modulation	PASS
Band38	20MHz	16QAM	38150	100RB#0	Digital modulation	PASS

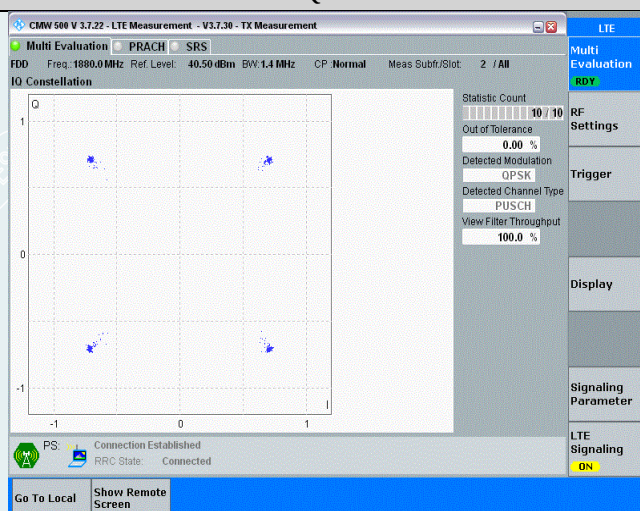
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band41	5MHz	QPSK	39675	25RB#0	Digital modulation	PASS
Band41	5MHz	QPSK	40620	25RB#0	Digital modulation	PASS
Band41	5MHz	QPSK	41565	25RB#0	Digital modulation	PASS
Band41	5MHz	16QAM	39675	25RB#0	Digital modulation	PASS

Band41	5MHz	16QAM	40620	25RB#0	Digital modulation	PASS
Band41	5MHz	16QAM	41565	25RB#0	Digital modulation	PASS
Band41	10MHz	QPSK	39700	50RB#0	Digital modulation	PASS
Band41	10MHz	QPSK	40620	50RB#0	Digital modulation	PASS
Band41	10MHz	QPSK	41540	50RB#0	Digital modulation	PASS
Band41	10MHz	16QAM	39700	50RB#0	Digital modulation	PASS
Band41	10MHz	16QAM	40620	50RB#0	Digital modulation	PASS
Band41	10MHz	16QAM	41540	50RB#0	Digital modulation	PASS
Band41	15MHz	QPSK	39725	75RB#0	Digital modulation	PASS
Band41	15MHz	QPSK	40620	75RB#0	Digital modulation	PASS
Band41	15MHz	QPSK	41515	75RB#0	Digital modulation	PASS
Band41	15MHz	16QAM	39725	75RB#0	Digital modulation	PASS
Band41	15MHz	16QAM	40620	75RB#0	Digital modulation	PASS
Band41	15MHz	16QAM	41515	75RB#0	Digital modulation	PASS
Band41	20MHz	QPSK	39750	100RB#0	Digital modulation	PASS
Band41	20MHz	QPSK	40620	100RB#0	Digital modulation	PASS
Band41	20MHz	QPSK	41490	100RB#0	Digital modulation	PASS
Band41	20MHz	16QAM	39750	100RB#0	Digital modulation	PASS
Band41	20MHz	16QAM	40620	100RB#0	Digital modulation	PASS
Band41	20MHz	16QAM	41490	100RB#0	Digital modulation	PASS

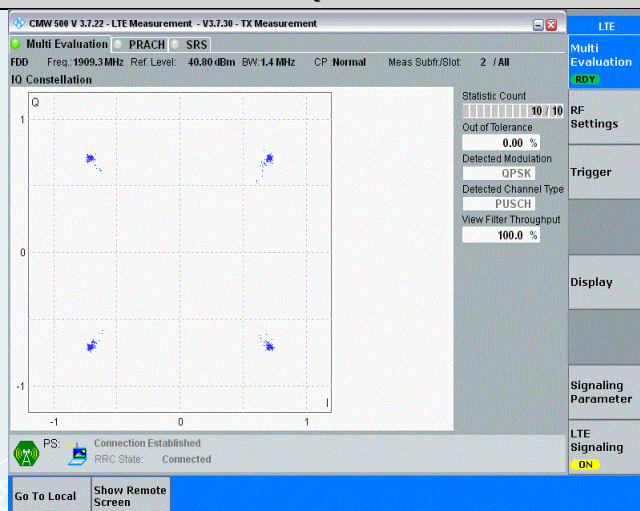
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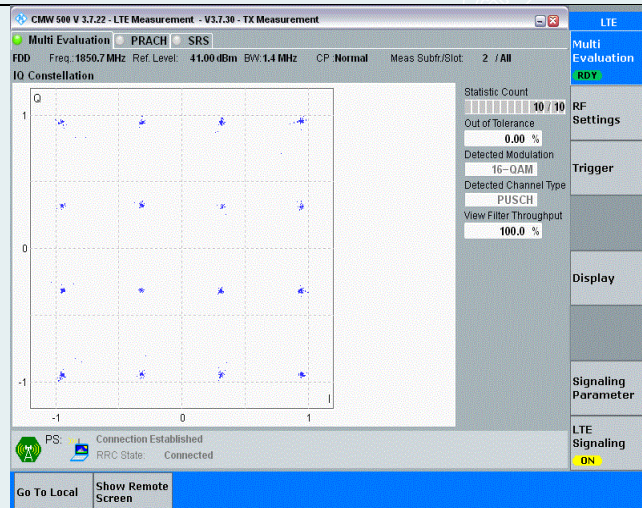
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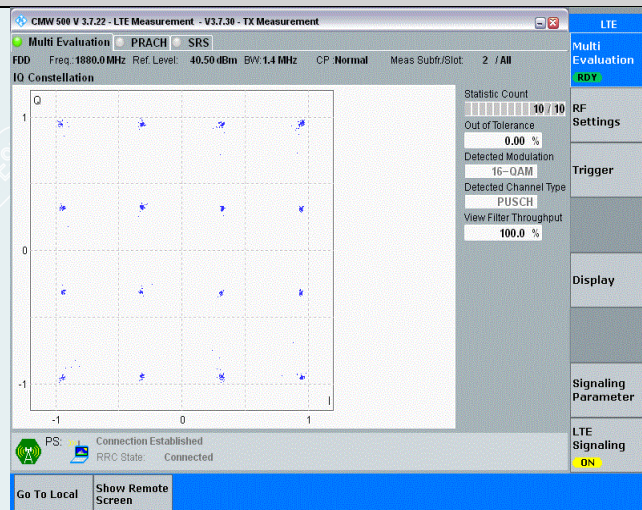
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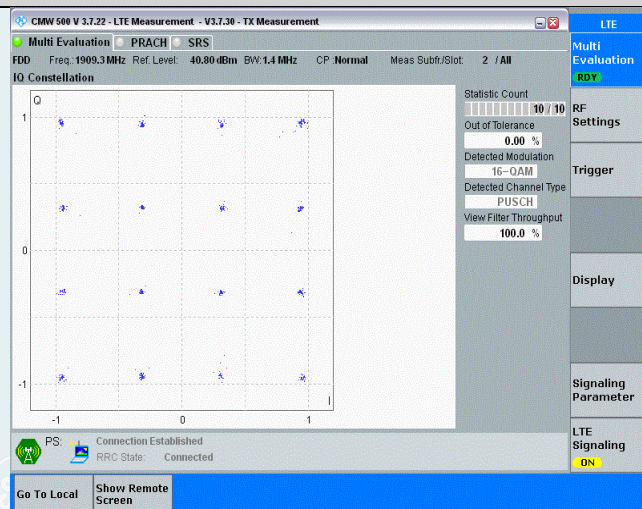
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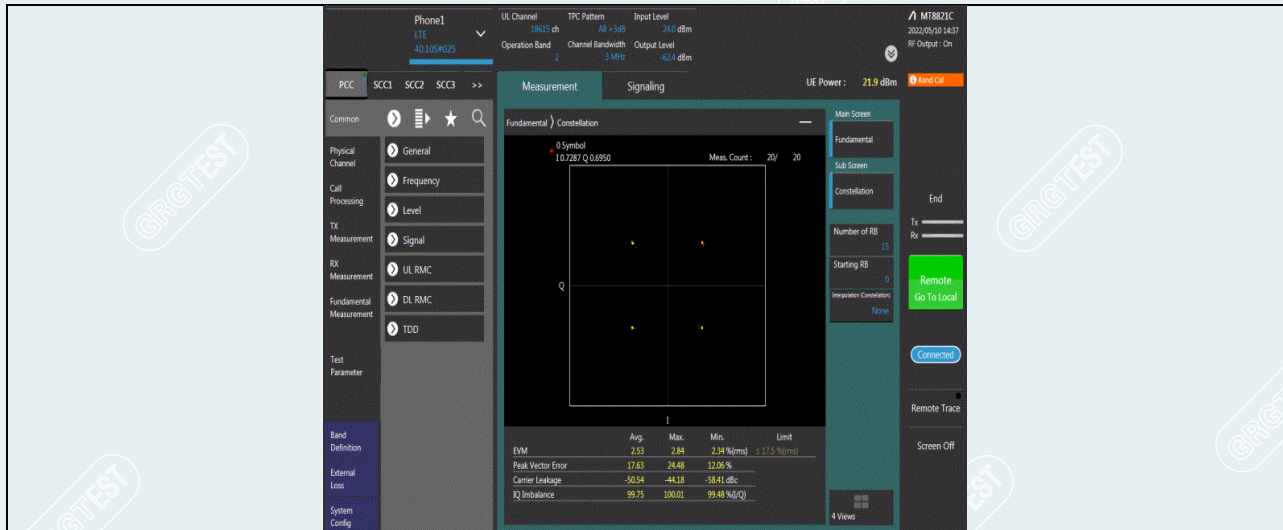
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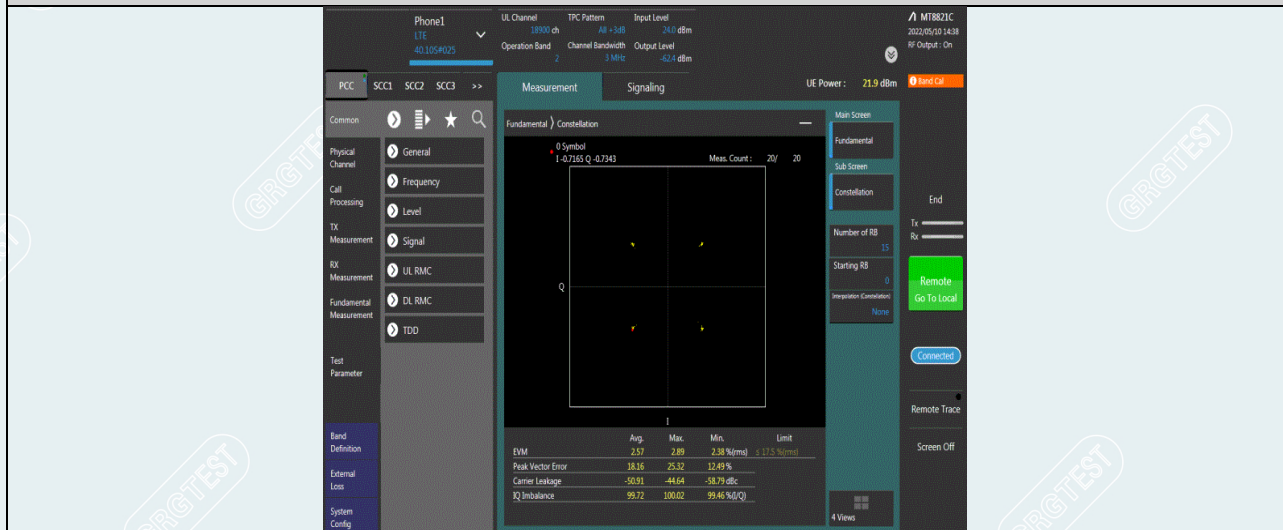
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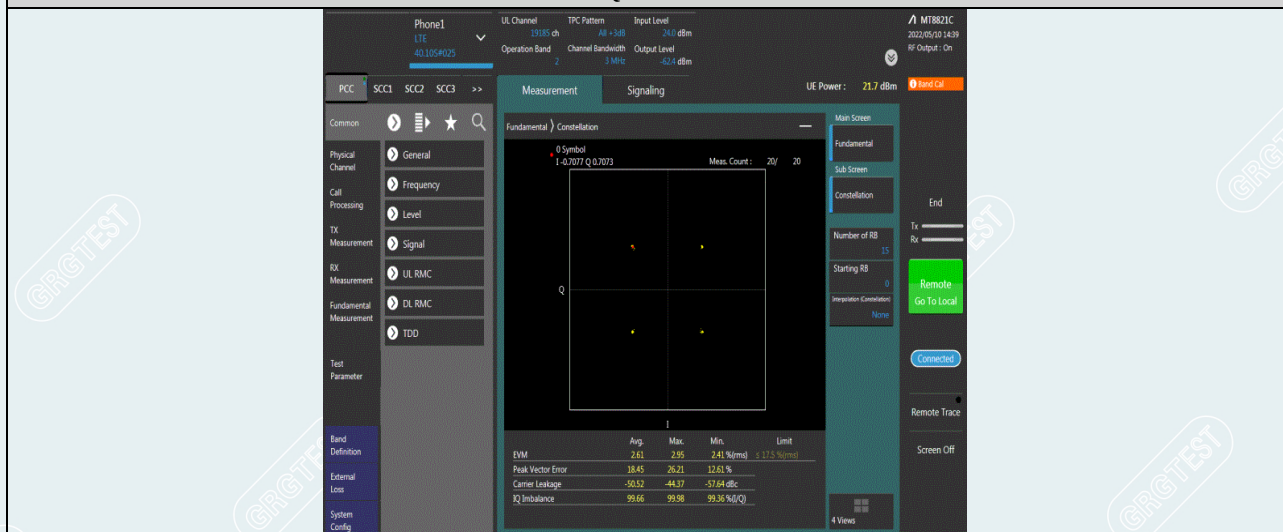
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Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-19185-15RB#0