



Band41-10MHz-16QAM-41540-1RB#0



Band41-10MHz-16QAM-41540-1RB#49



Band41-10MHz-16QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-1RB#0



Band41-15MHz-QPSK-39725-1RB#74



Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-41515-1RB#0



Band41-15MHz-QPSK-41515-1RB#74



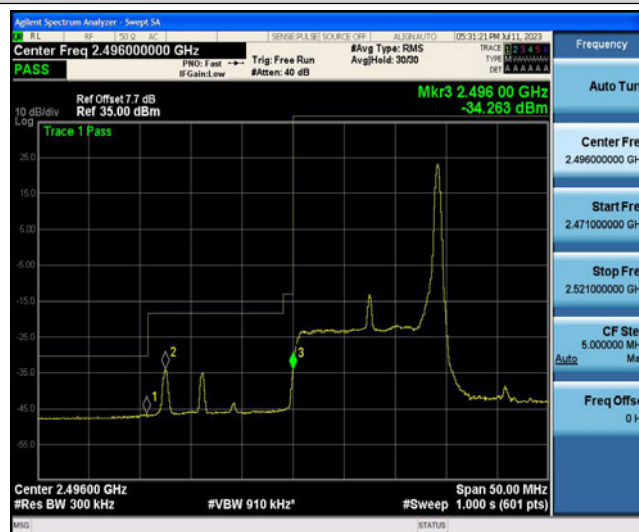
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Band41-15MHz-16QAM-39725-1RB#0



Band41-15MHz-16QAM-39725-1RB#74



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Band41-15MHz-16QAM-41515-1RB#0



Band41-15MHz-16QAM-41515-1RB#74



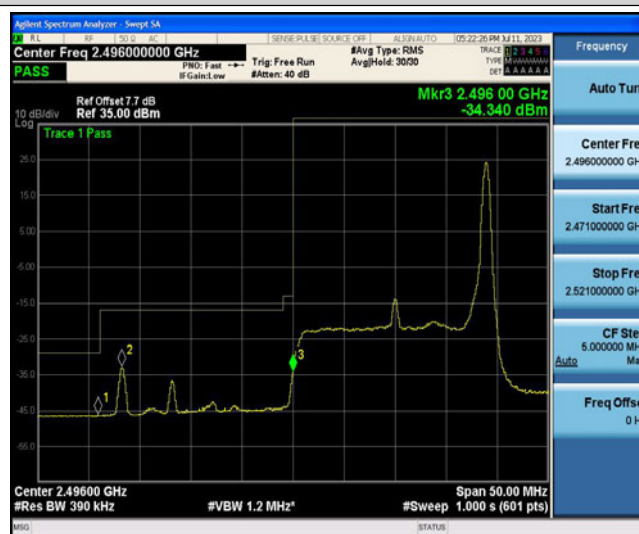
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Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-1RB#99



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-41490-1RB#0



Band41-20MHz-QPSK-41490-1RB#99



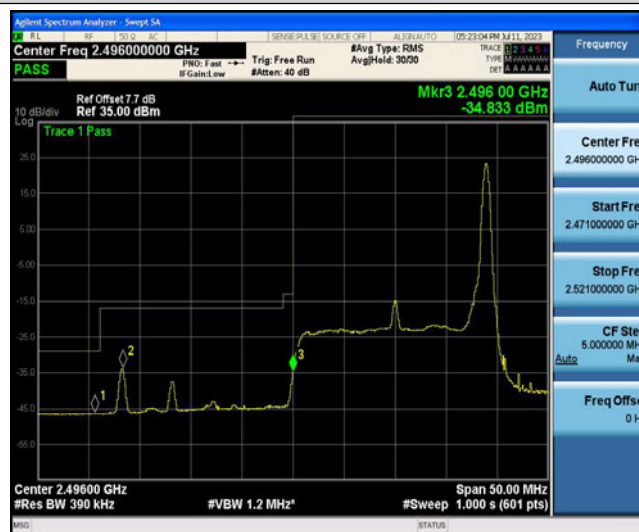
Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-1RB#99



Band41-20MHz-16QAM-39750-100RB#0



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



Band41-20MHz-16QAM-41490-1RB#99



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



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-59.72	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~26500MHz	-38.11	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-59.66	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~26500MHz	-38.18	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-59.69	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~26500MHz	-38.25	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-59.82	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~26500MHz	-38.15	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-59.79	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~26500MHz	-38.28	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-59.79	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~26500MHz	-38.37	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-59.73	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~26500MHz	-38.25	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-59.79	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~26500MHz	-38.22	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-59.84	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~26500MHz	-38.29	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-59.74	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~26500MHz	-38.34	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-59.79	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~26500MHz	-38.29	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-59.77	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~26500MHz	-38.18	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-59.75	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~26500MHz	-38.14	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-59.76	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~26500MHz	-38.24	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-59.68	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~26500MHz	-38.15	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-59.73	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~26500MHz	-38.28	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-59.74	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~26500MHz	-38.24	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-59.76	PASS

Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~26500MHz	-38.3	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-59.82	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~26500MHz	-38.21	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-59.86	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~26500MHz	-38.23	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-59.73	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~26500MHz	-38.33	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-59.69	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~26500MHz	-38.21	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-59.73	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~26500MHz	-38.24	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-59.73	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~26500MHz	-38.32	PASS

Test Graphs

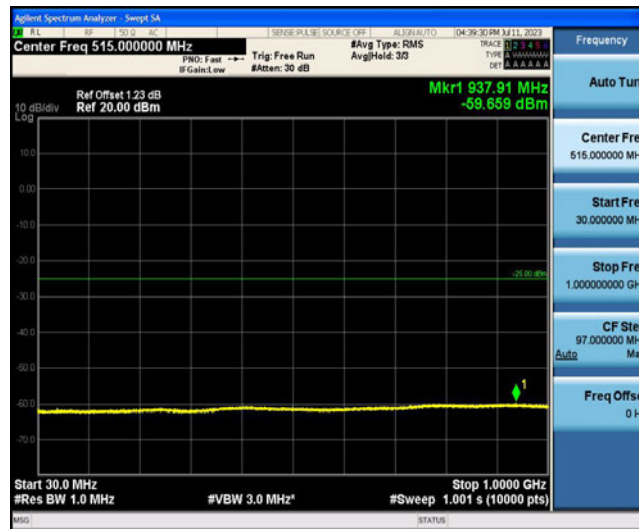
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~26500MHz



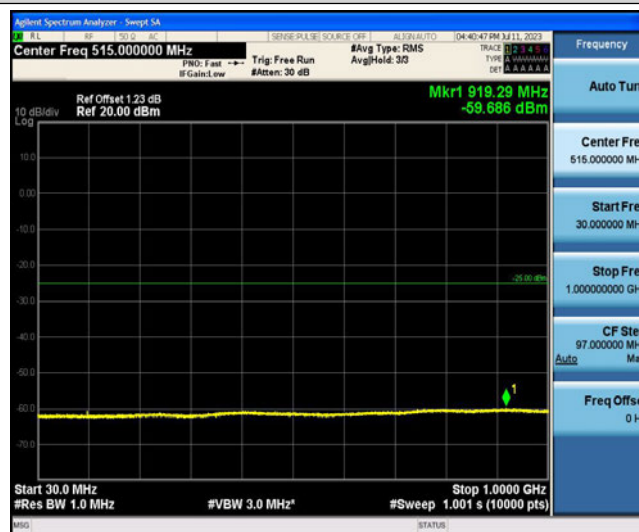
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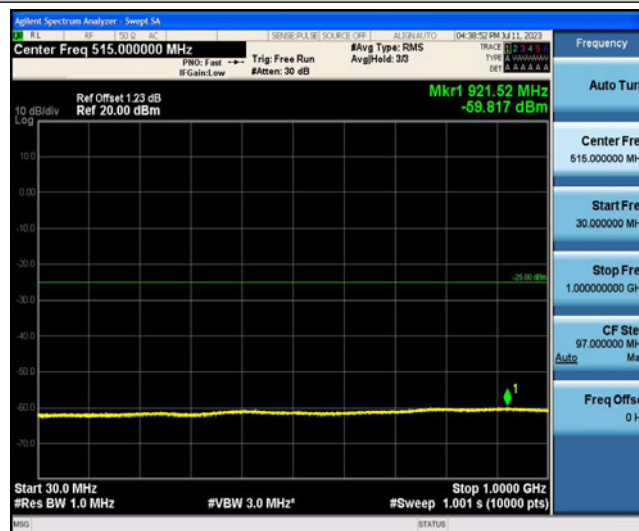
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~26500MHz



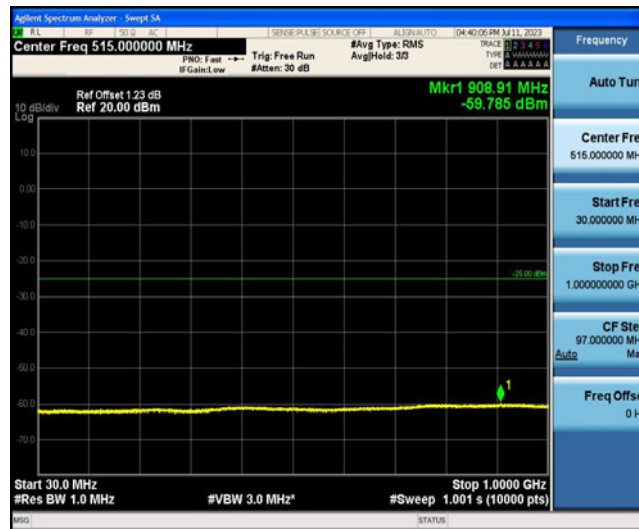
Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~26500MHz



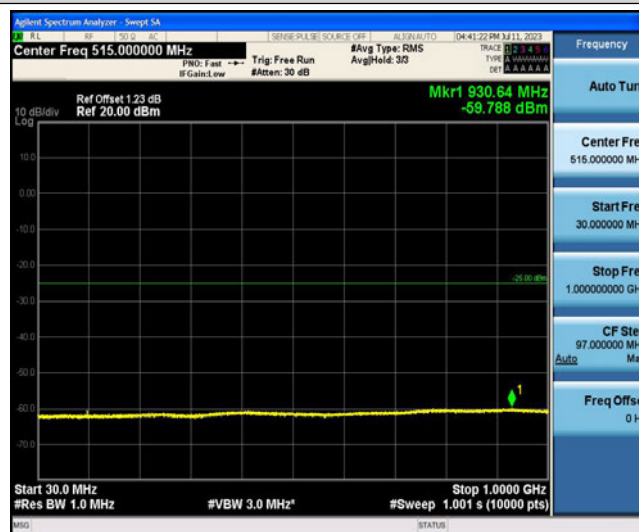
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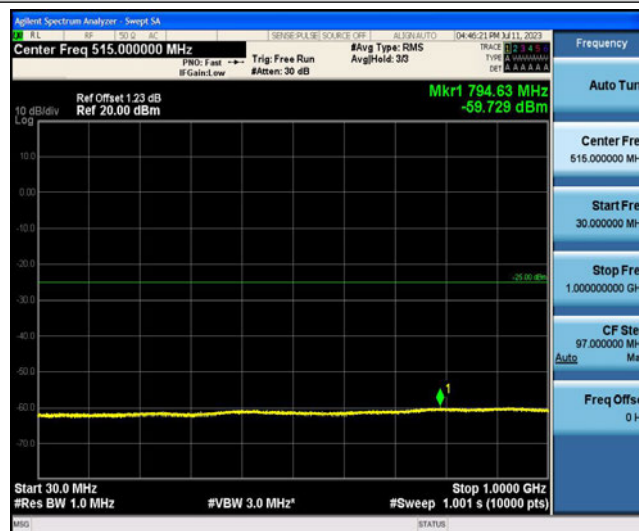
Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~26500MHz



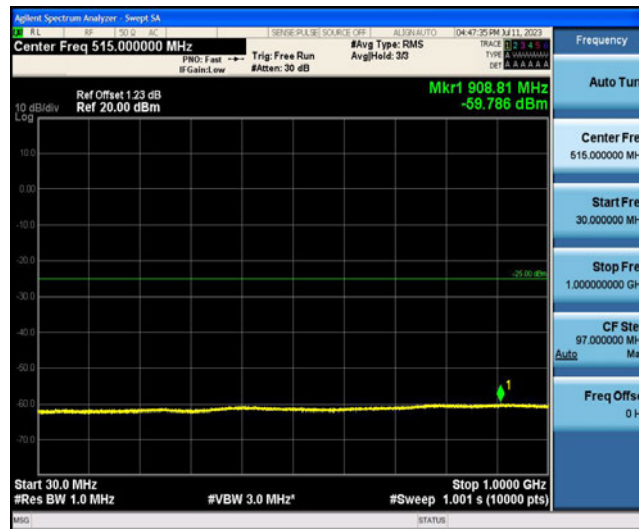
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~26500MHz



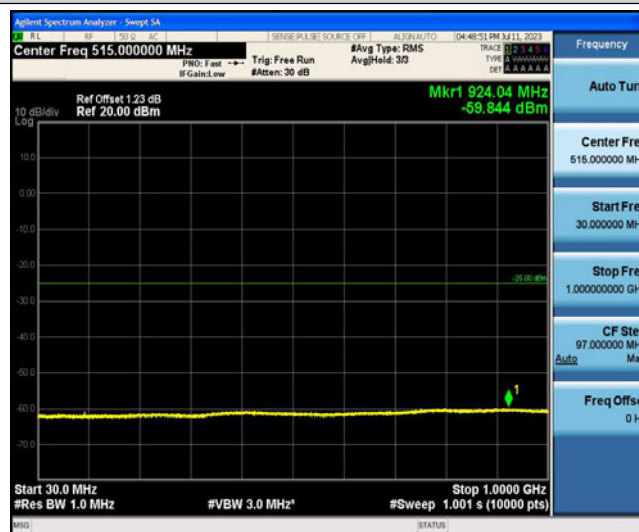
Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~26500MHz



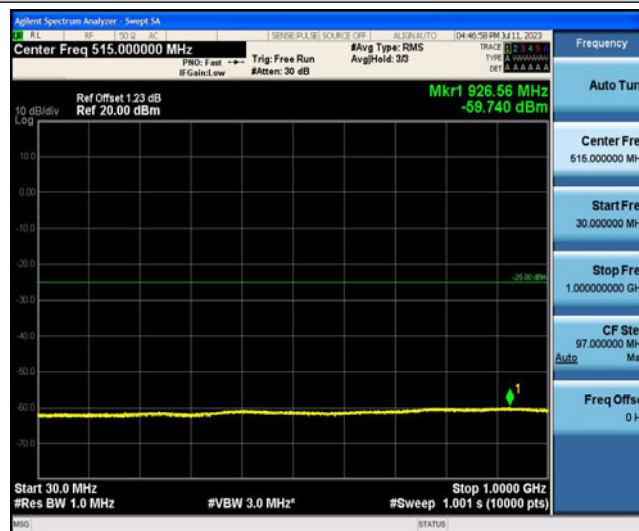
Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~26500MHz



Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~26500MHz



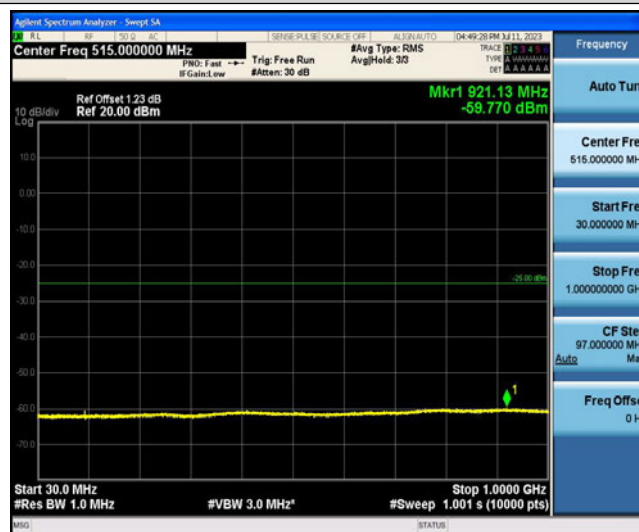
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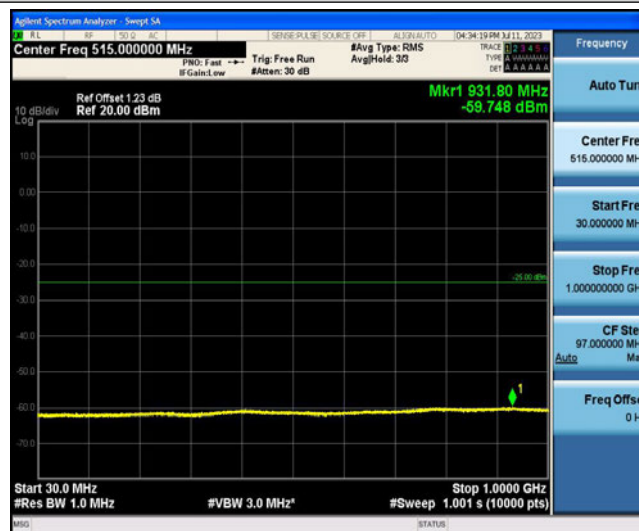
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Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~26500MHz



Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~26500MHz



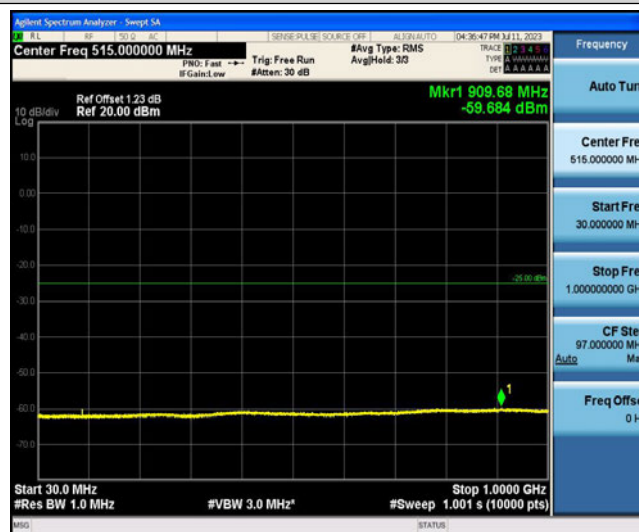
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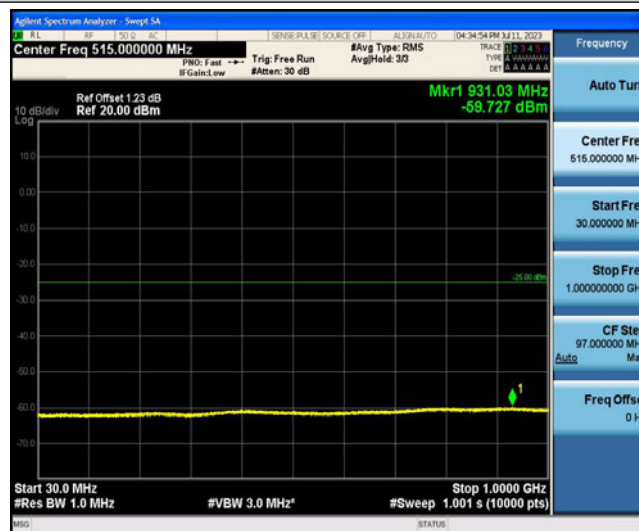
Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~26500MHz



Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~26500MHz



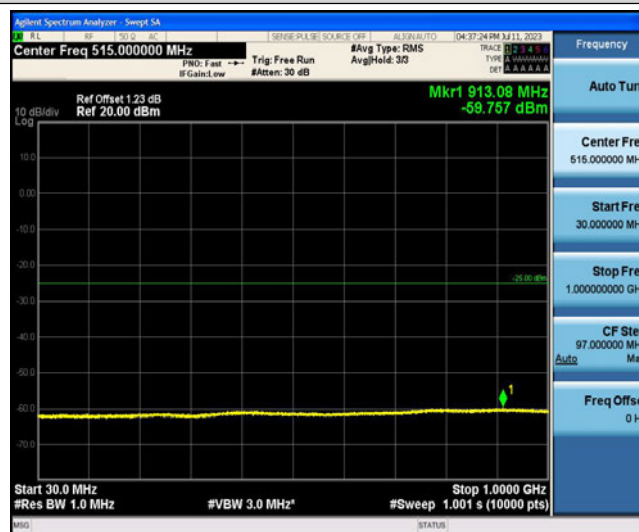
Band41-15MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~26500MHz



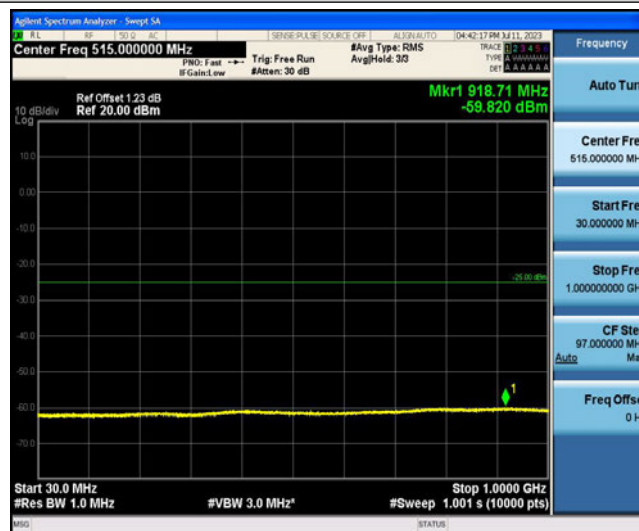
Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~26500MHz



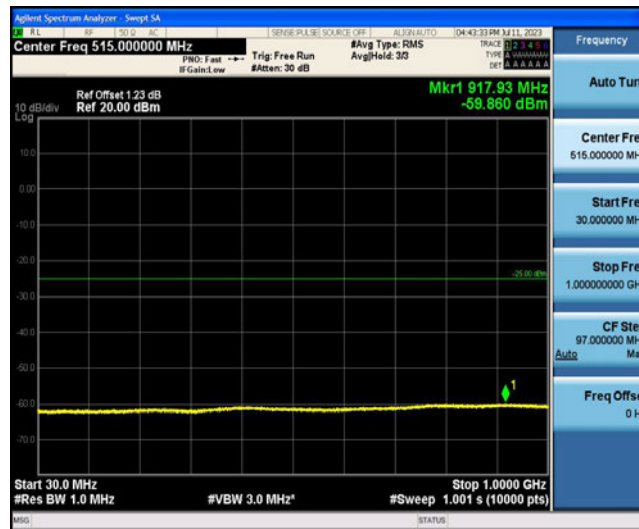
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~26500MHz



Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~26500MHz



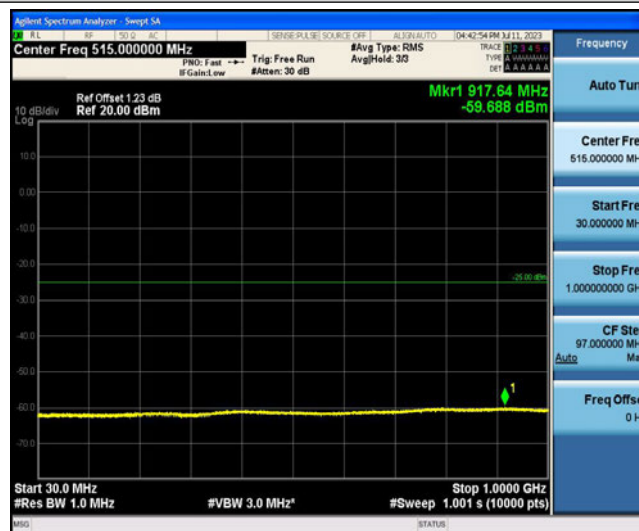
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~26500MHz



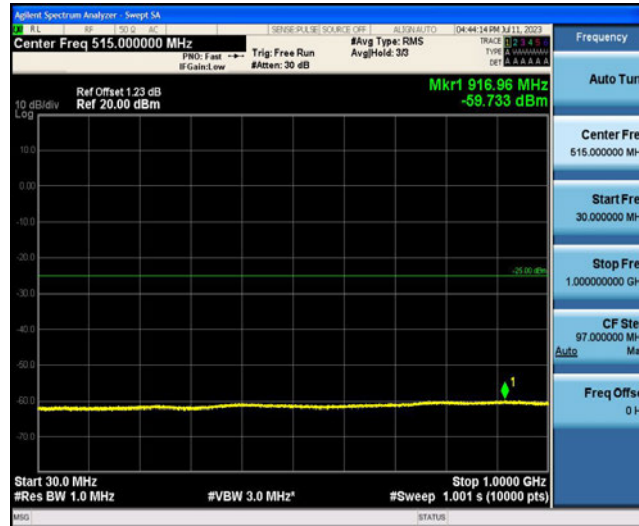
Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~26500MHz



Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~26500MHz



Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~26500MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	1.00	0.000386	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-3.60	-0.001388	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-4.90	-0.001890	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	11.80	0.004551	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	9.90	0.003818	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	0.80	0.000309	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	3.90	0.001504	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-0.50	-0.000193	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-5.70	-0.002198	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-4.30	-0.001658	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	7.20	0.002777	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	11.80	0.004551	PASS

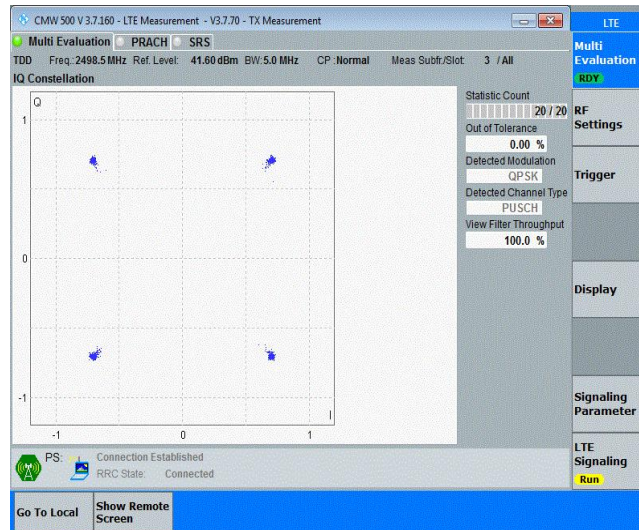
Appendix G: Modulation Characteristics

Test Result

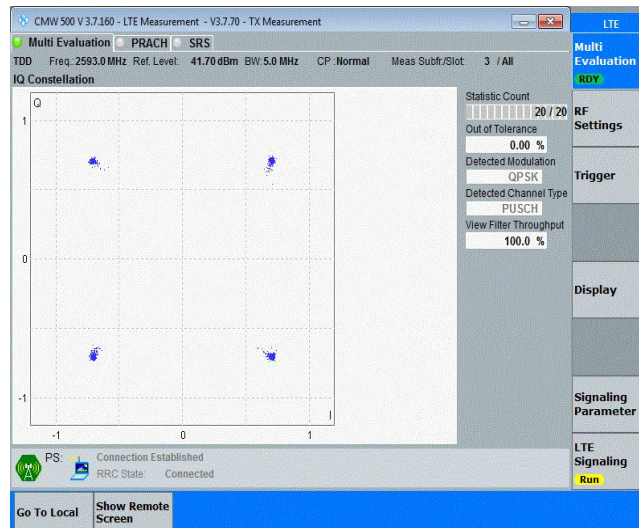
Band	Channel	Result	Verdict
Band41	39675	PASS	PASS
Band41	40620	PASS	PASS
Band41	41565	PASS	PASS
Band41	39675	PASS	PASS
Band41	40620	PASS	PASS
Band41	41565	PASS	PASS
Band41	39700	PASS	PASS
Band41	40620	PASS	PASS
Band41	41540	PASS	PASS
Band41	39700	PASS	PASS
Band41	40620	PASS	PASS
Band41	41540	PASS	PASS
Band41	39725	PASS	PASS
Band41	40620	PASS	PASS
Band41	41515	PASS	PASS
Band41	39725	PASS	PASS
Band41	40620	PASS	PASS
Band41	41515	PASS	PASS
Band41	39750	PASS	PASS
Band41	40620	PASS	PASS
Band41	41490	PASS	PASS
Band41	39750	PASS	PASS
Band41	40620	PASS	PASS
Band41	41490	PASS	PASS

Test Graphs

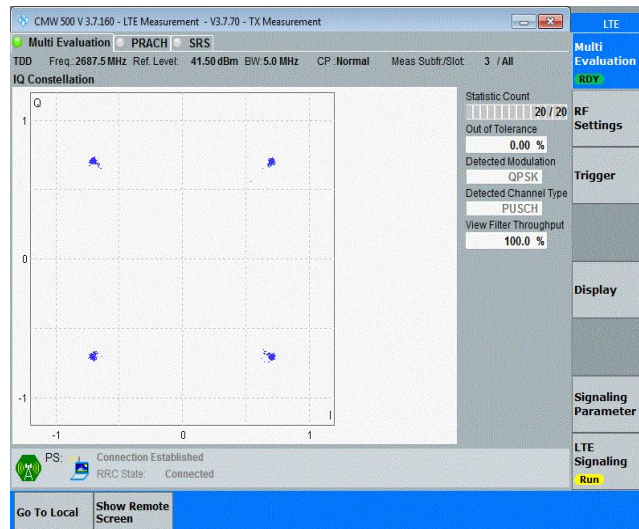
Band41-5MHz-QPSK-39675-25RB#0



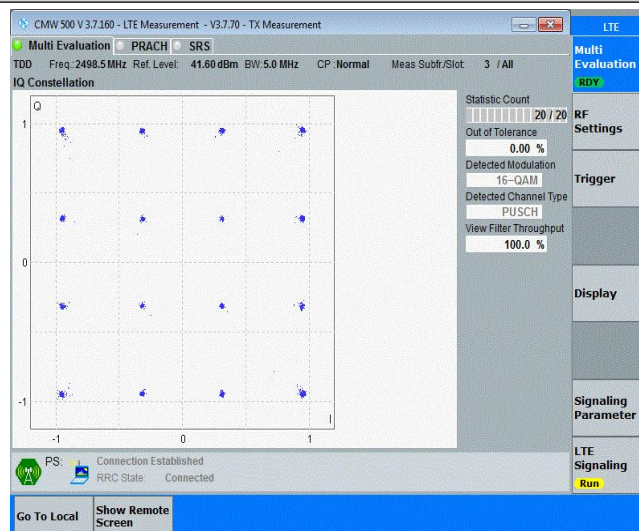
Band41-5MHz-QPSK-40620-25RB#0



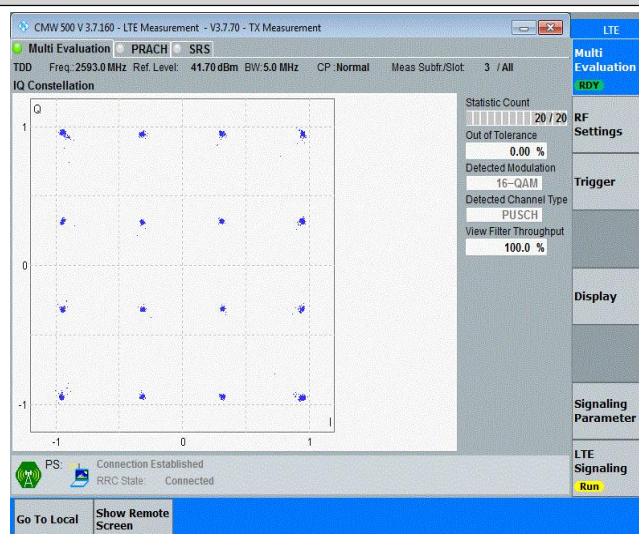
Band41-5MHz-QPSK-41565-25RB#0



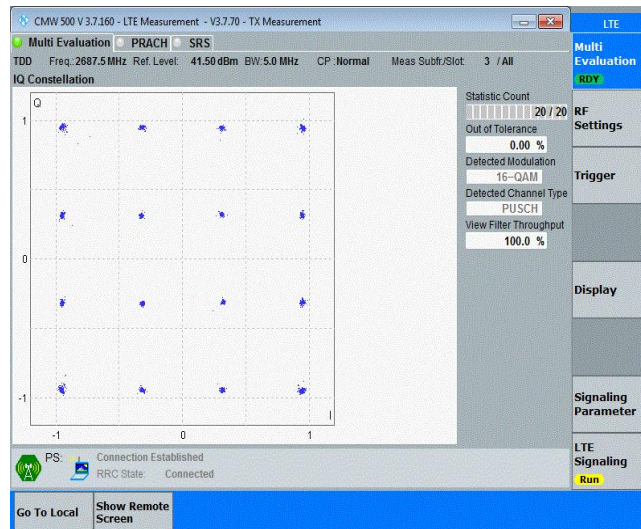
Band41-5MHz-16QAM-39675-25RB#0



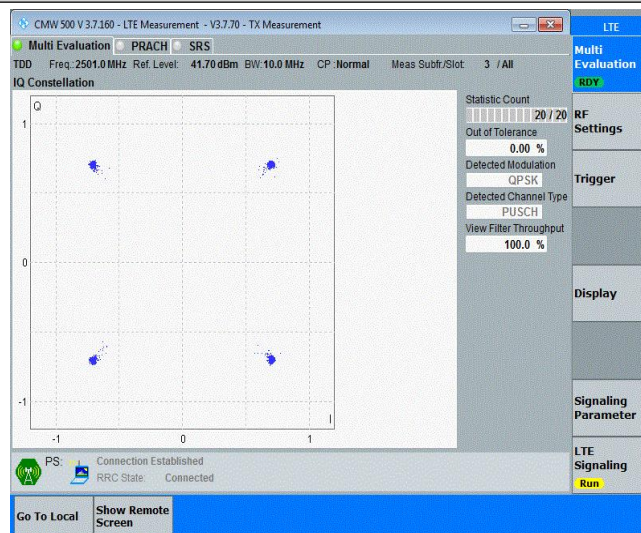
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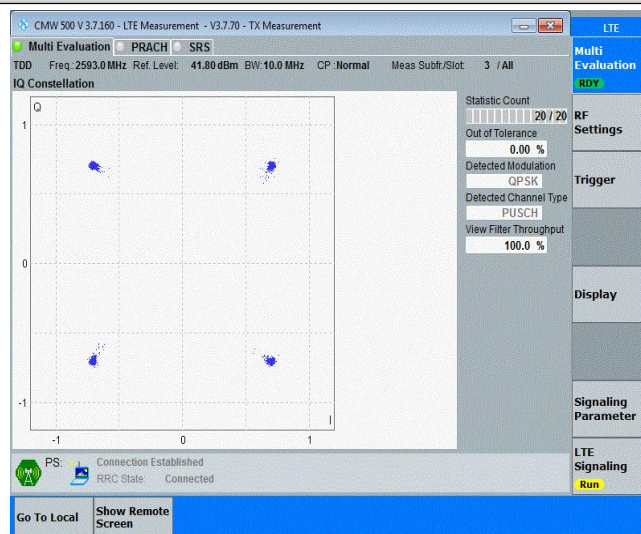
Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-40620-50RB#0



Band41-10MHz-QPSK-41540-50RB#0