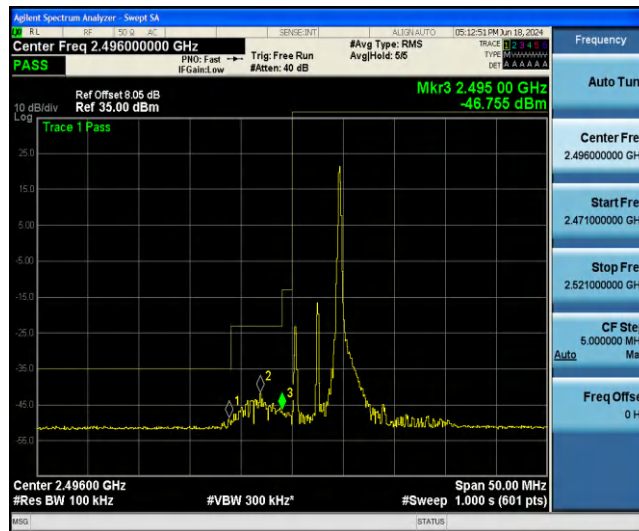
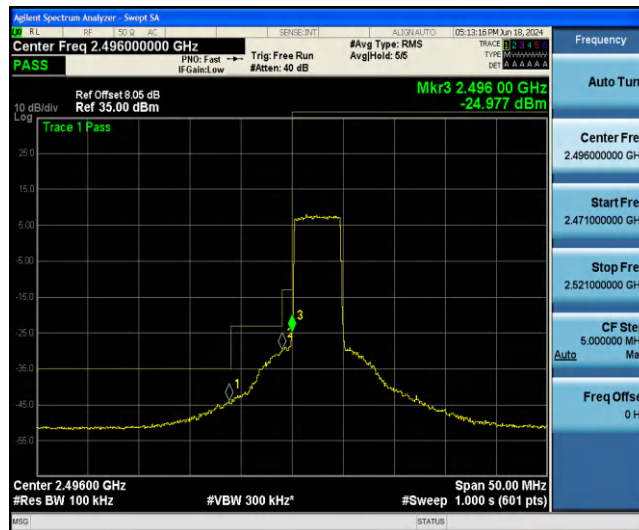
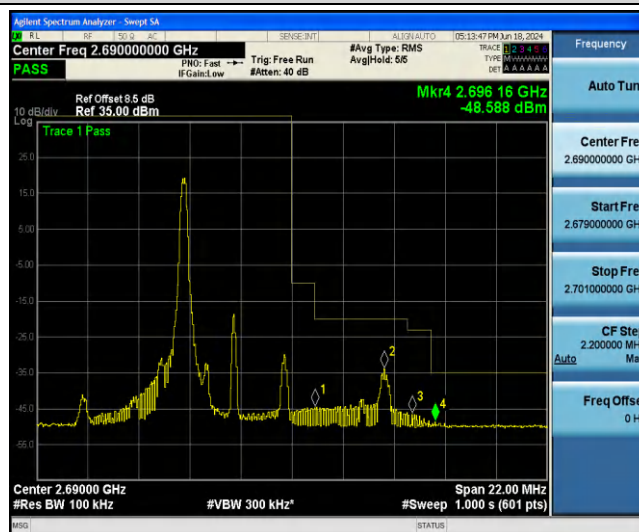




Band41-5MHz-16QAM-39675-1RB#24



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



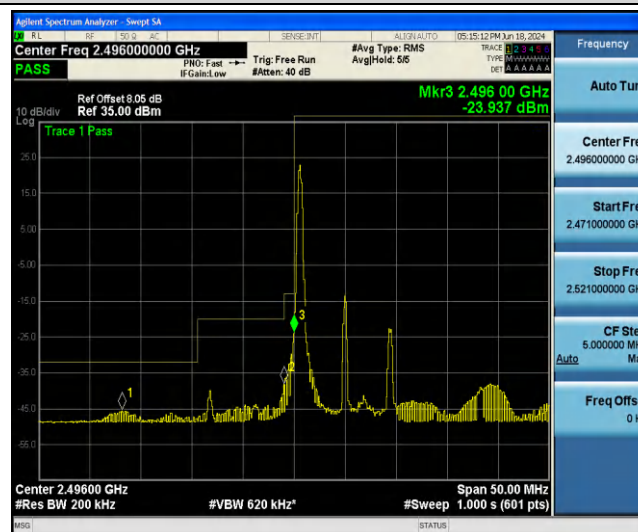
Band41-5MHz-16QAM-41565-1RB#0



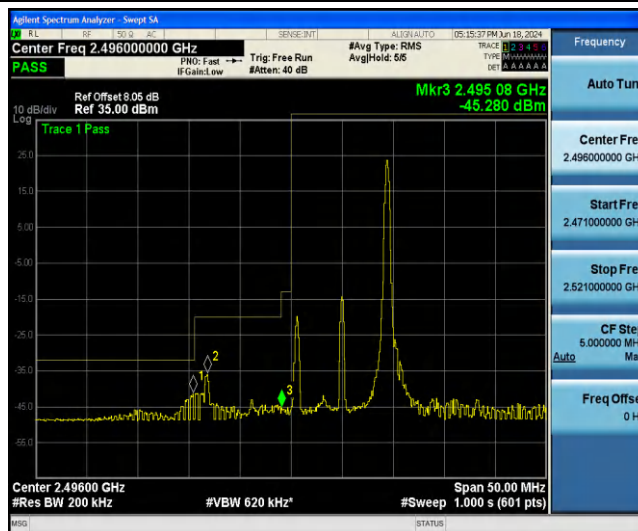
Band41-5MHz-16QAM-41565-1RB#24



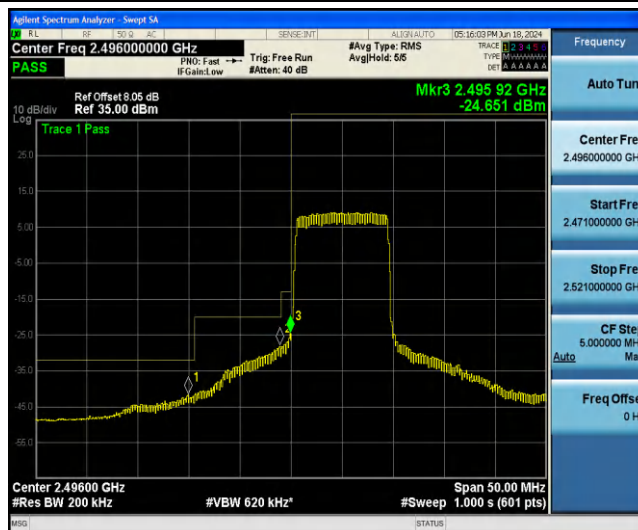
Band41-5MHz-16QAM-41565-25RB#0



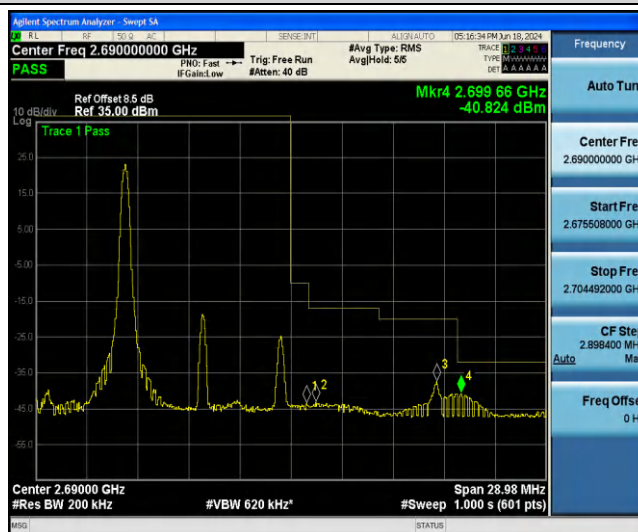
Band41-10MHz-QPSK-39700-1RB#0



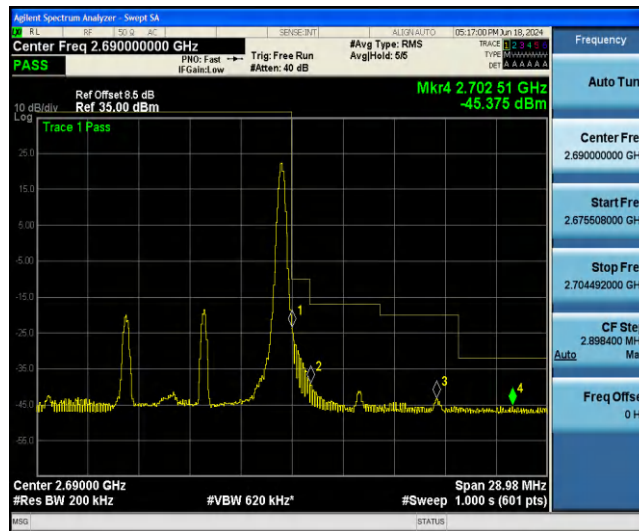
Band41-10MHz-QPSK-39700-1RB#49



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



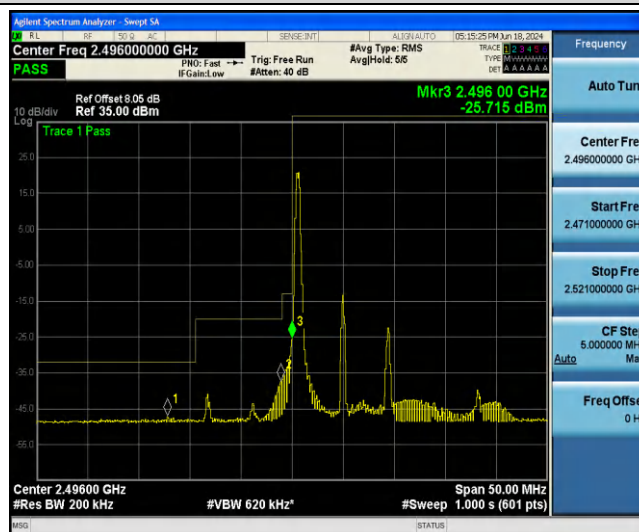
Band41-10MHz-QPSK-41540-1RB#0



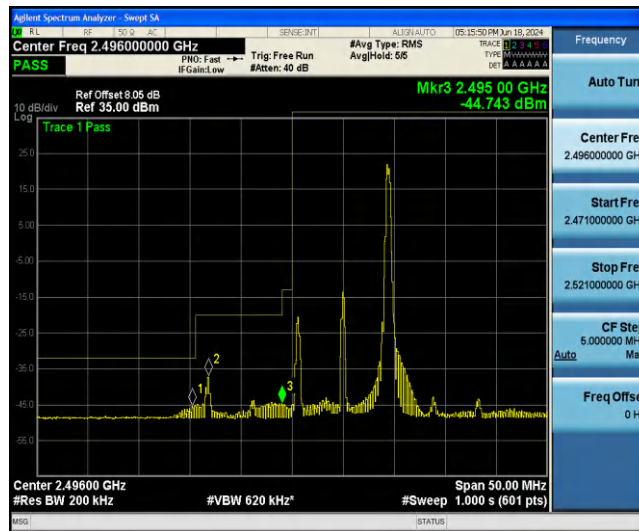
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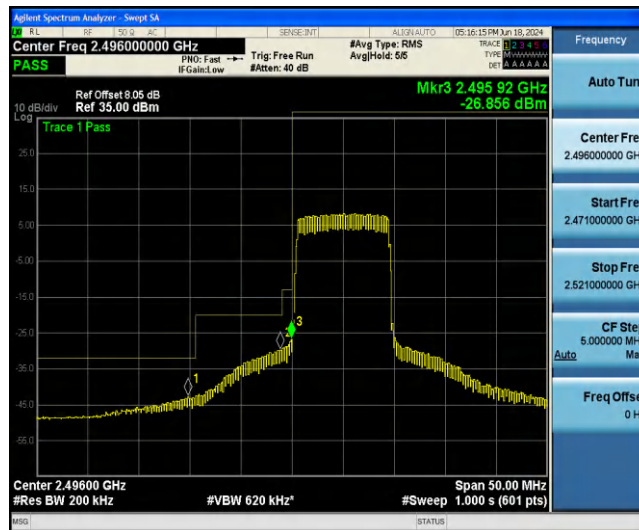
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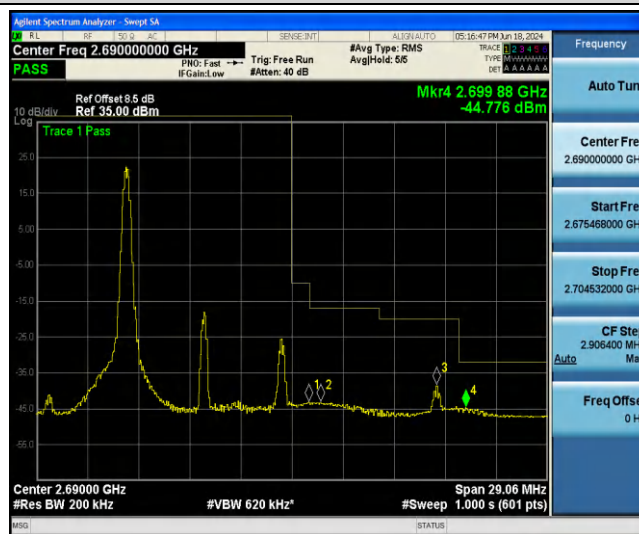
Band41-10MHz-16QAM-39700-1RB#0



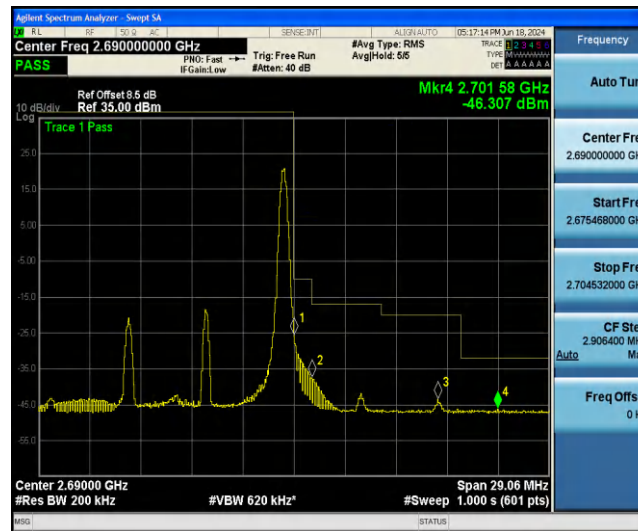
Band41-10MHz-16QAM-39700-1RB#49



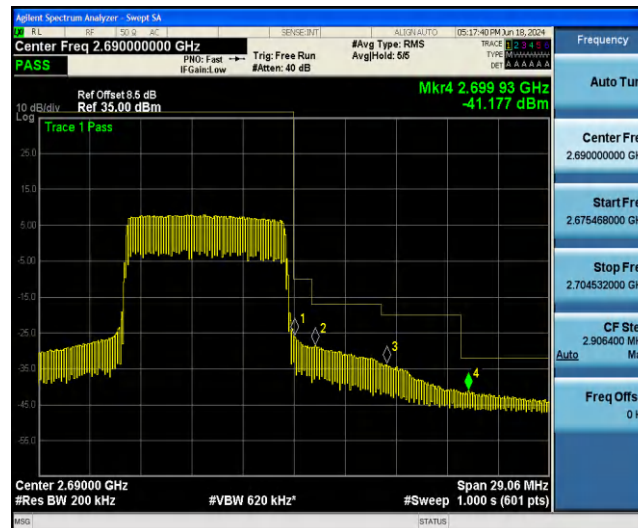
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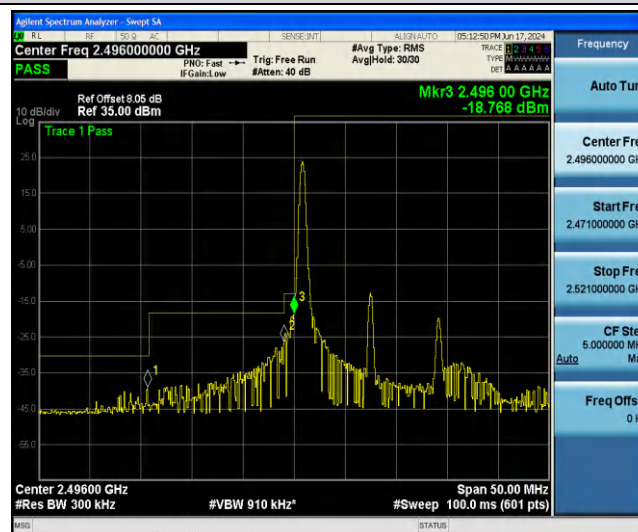
Band41-10MHz-16QAM-41540-1RB#0



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



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



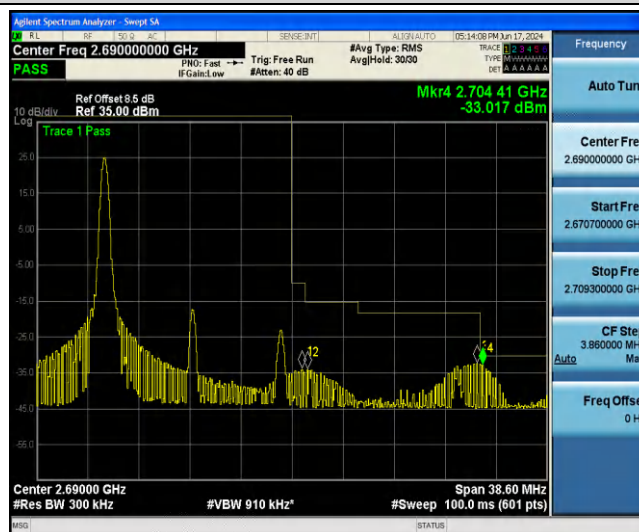
Band41-15MHz-QPSK-39725-1RB#0



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



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



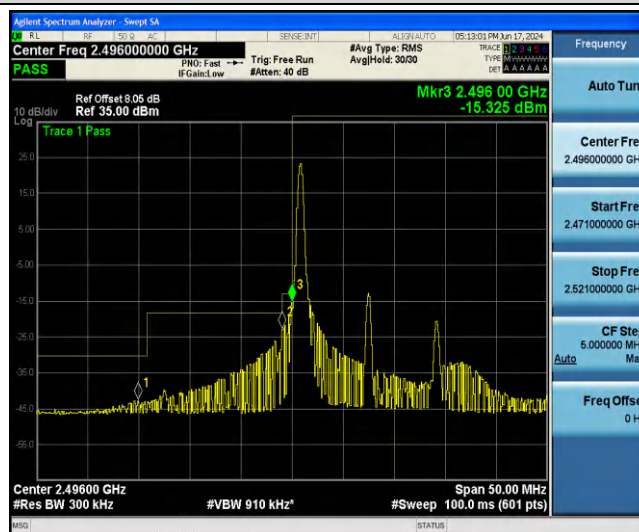
Band41-15MHz-QPSK-41515-1RB#0



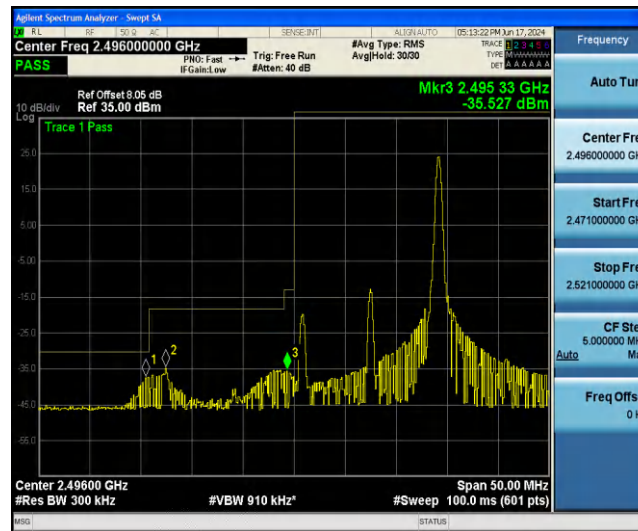
Band41-15MHz-QPSK-41515-1RB#74



Band41-15MHz-QPSK-41515-75RB#0



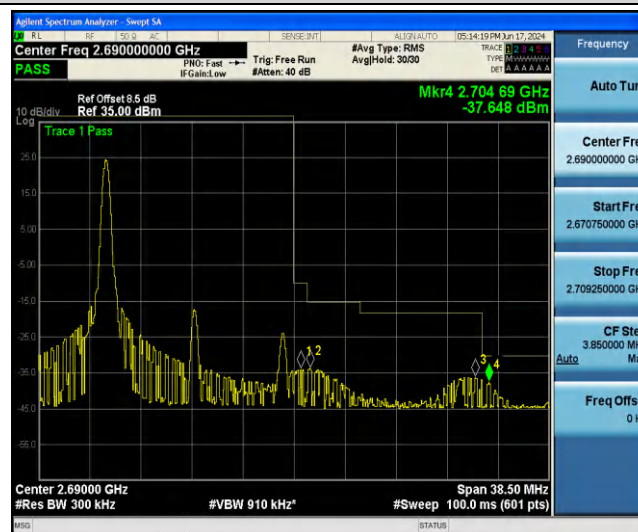
Band41-15MHz-16QAM-39725-1RB#0



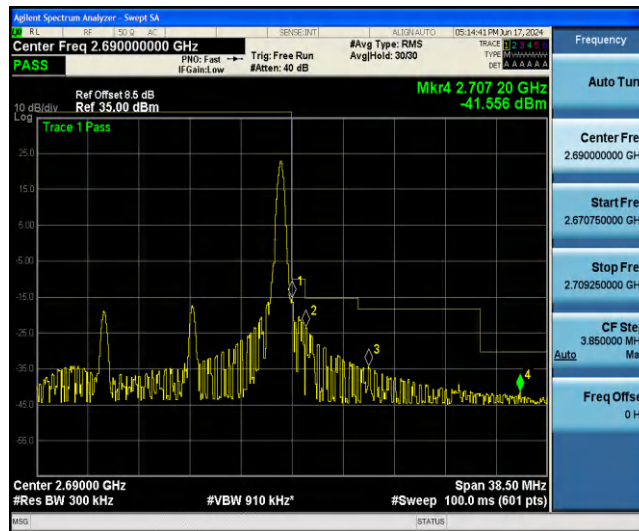
Band41-15MHz-16QAM-39725-1RB#74



Band41-15MHz-16QAM-39725-75RB#0



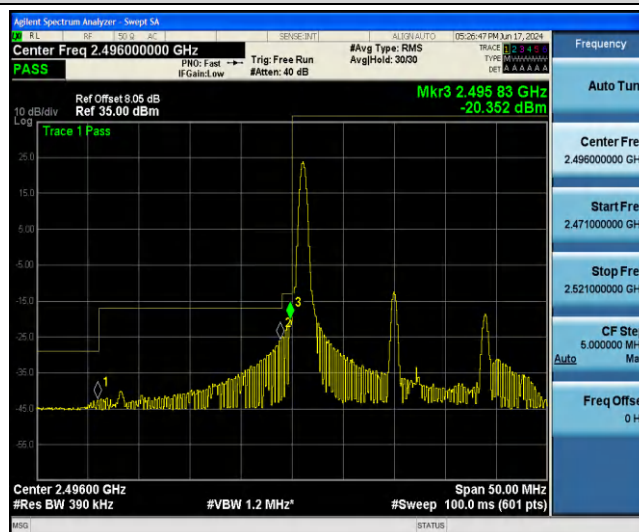
Band41-15MHz-16QAM-41515-1RB#0



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



Band41-15MHz-16QAM-41515-75RB#0



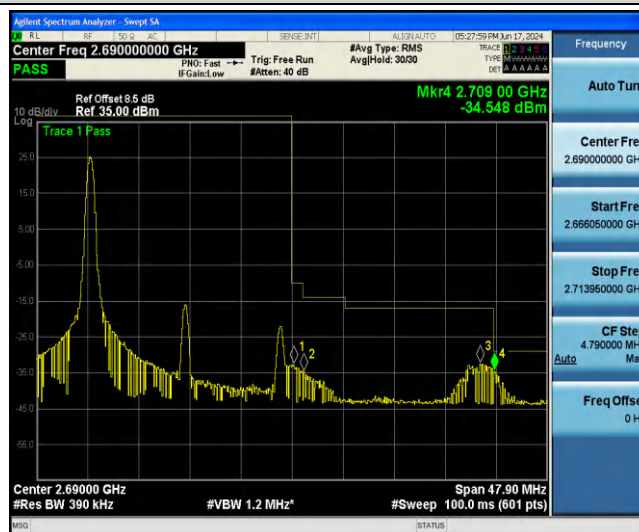
Band41-20MHz-QPSK-39750-1RB#0



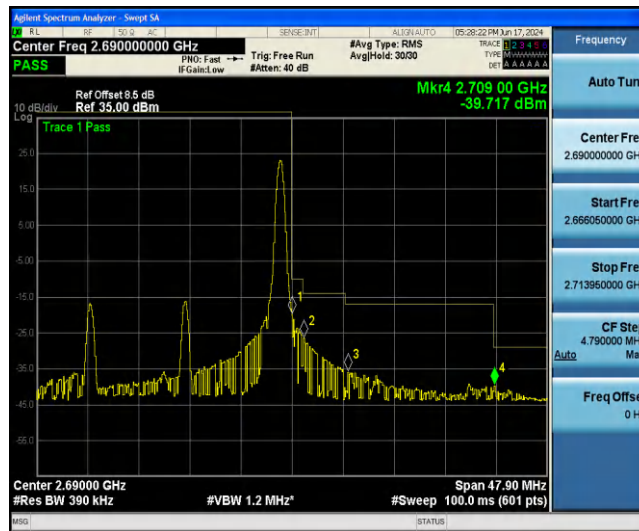
Band41-20MHz-QPSK-39750-1RB#99



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



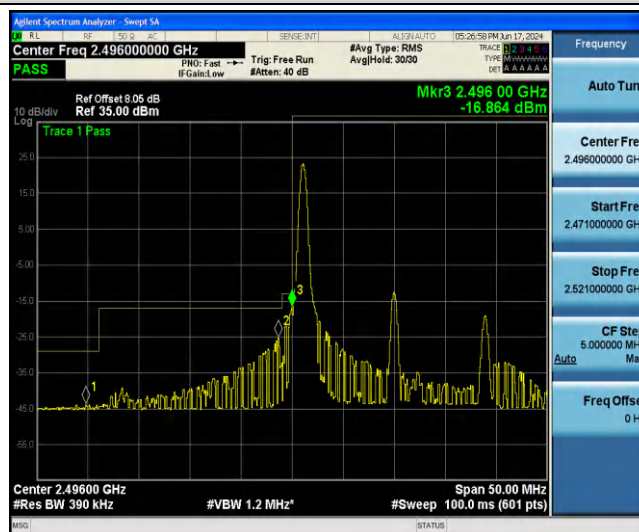
Band41-20MHz-QPSK-41490-1RB#0



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



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



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



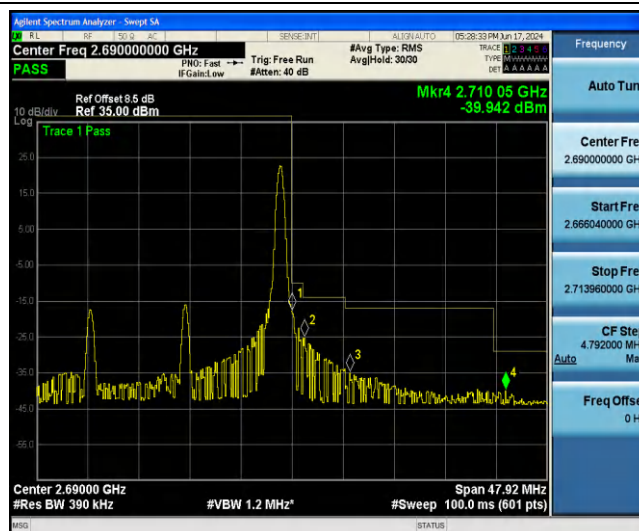
Band41-20MHz-16QAM-39750-1RB#99



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

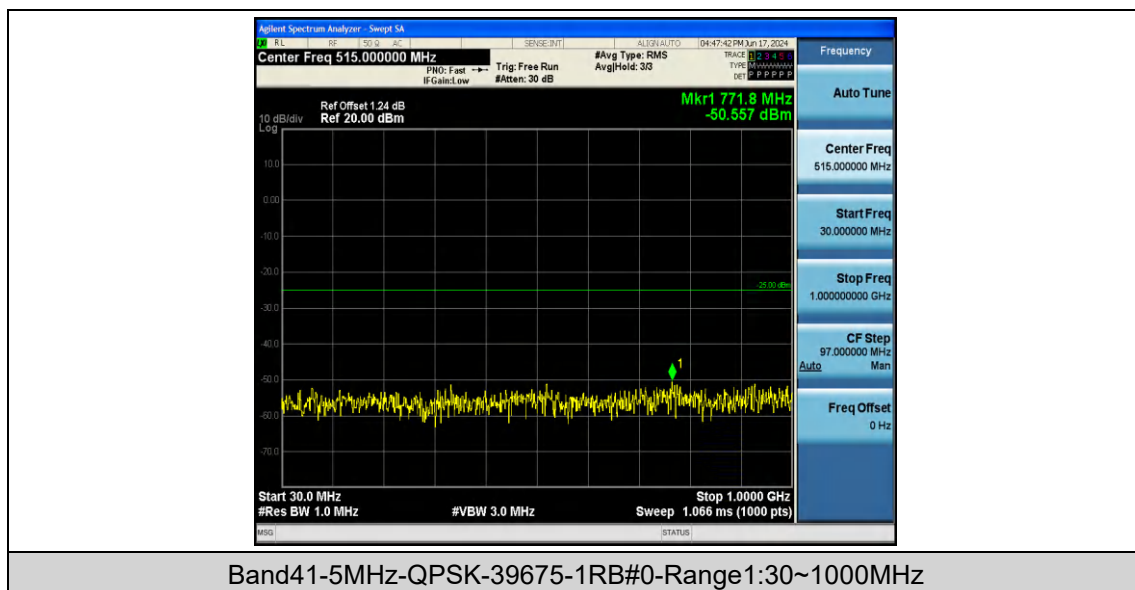
Test Result

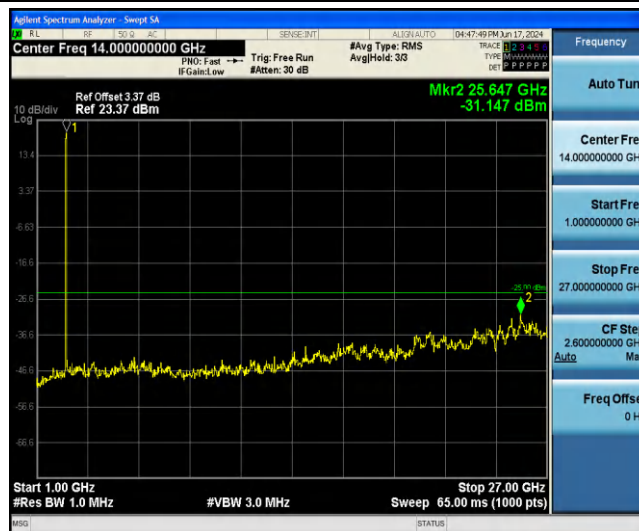
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4_1	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-50.56	PASS
Band4_1	5MHz	QPSK	39675	1RB#0	Range2:1000~27000MHz	-31.15	PASS
Band4_1	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-50.94	PASS
Band4_1	5MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-31.42	PASS
Band4_1	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-50.67	PASS
Band4_1	5MHz	QPSK	41565	1RB#0	Range2:1000~27000MHz	-31.16	PASS
Band4_1	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-49.92	PASS
Band4_1	5MHz	16QAM	39675	1RB#0	Range2:1000~27000MHz	-32.1	PASS
Band4_1	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-50.89	PASS
Band4_1	5MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-31.55	PASS
Band4_1	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-50.2	PASS
Band4_1	5MHz	16QAM	41565	1RB#0	Range2:1000~27000MHz	-32.01	PASS
Band4_1	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-49.79	PASS
Band4_1	10MHz	QPSK	39700	1RB#0	Range2:1000~27000MHz	-32.33	PASS
Band4_1	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-50.73	PASS
Band4_1	10MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-32.18	PASS
Band4_1	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-49.58	PASS
Band4_1	10MHz	QPSK	41540	1RB#0	Range2:1000~27000MHz	-31.3	PASS

1					Hz	6	S
Band4 1	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-49.6 7	PAS S
Band4 1	10MHz	16QAM	39700	1RB#0	Range2:1000~27000M Hz	-30.1 6	PAS S
Band4 1	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-50.6 5	PAS S
Band4 1	10MHz	16QAM	40620	1RB#0	Range2:1000~27000M Hz	-31.3 1	PAS S
Band4 1	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-50.7 3	PAS S
Band4 1	10MHz	16QAM	41540	1RB#0	Range2:1000~27000M Hz	-32.2 9	PAS S
Band4 1	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-50.4 2	PAS S
Band4 1	15MHz	QPSK	39725	1RB#0	Range2:1000~27000M Hz	-31.6 8	PAS S
Band4 1	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-50.5 7	PAS S
Band4 1	15MHz	QPSK	40620	1RB#0	Range2:1000~27000M Hz	-30.3 5	PAS S
Band4 1	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-49.9 9	PAS S
Band4 1	15MHz	QPSK	41515	1RB#0	Range2:1000~27000M Hz	-31.7 8	PAS S
Band4 1	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-50.4 6	PAS S
Band4 1	15MHz	16QAM	39725	1RB#0	Range2:1000~27000M Hz	-31.6 8	PAS S
Band4 1	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-51.2 4	PAS S
Band4 1	15MHz	16QAM	40620	1RB#0	Range2:1000~27000M Hz	-31.9 2	PAS S
Band4 1	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-51.1 1	PAS S
Band4 1	15MHz	16QAM	41515	1RB#0	Range2:1000~27000M Hz	-31.0 9	PAS S
Band4 1	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-50.6 5	PAS S
Band4 1	20MHz	QPSK	39750	1RB#0	Range2:1000~27000M Hz	-30.5 9	PAS S
Band4 1	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-50.3 8	PAS S

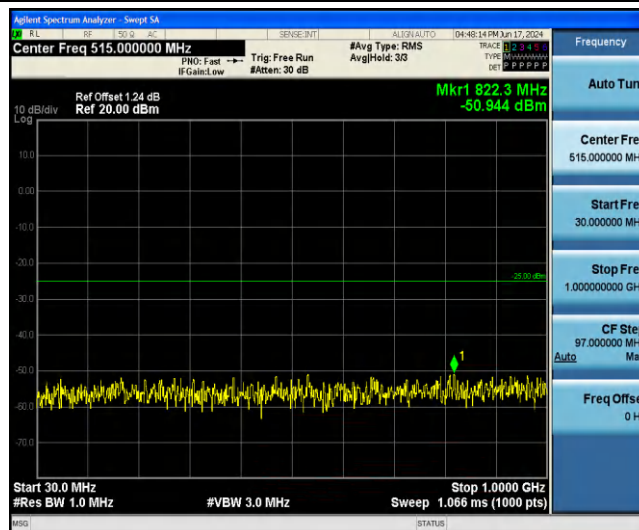
Band4 1	20MHz	QPSK	40620	1RB#0	Range2:1000~27000M Hz	-32.2 1	PAS S
Band4 1	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-50.3 2	PAS S
Band4 1	20MHz	QPSK	41490	1RB#0	Range2:1000~27000M Hz	-32.4	PAS S
Band4 1	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-50.4 1	PAS S
Band4 1	20MHz	16QAM	39750	1RB#0	Range2:1000~27000M Hz	-31.1 1	PAS S
Band4 1	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-49.6 9	PAS S
Band4 1	20MHz	16QAM	40620	1RB#0	Range2:1000~27000M Hz	-31.7 9	PAS S
Band4 1	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-50.2 6	PAS S
Band4 1	20MHz	16QAM	41490	1RB#0	Range2:1000~27000M Hz	-32.1 6	PAS S

Test Graphs

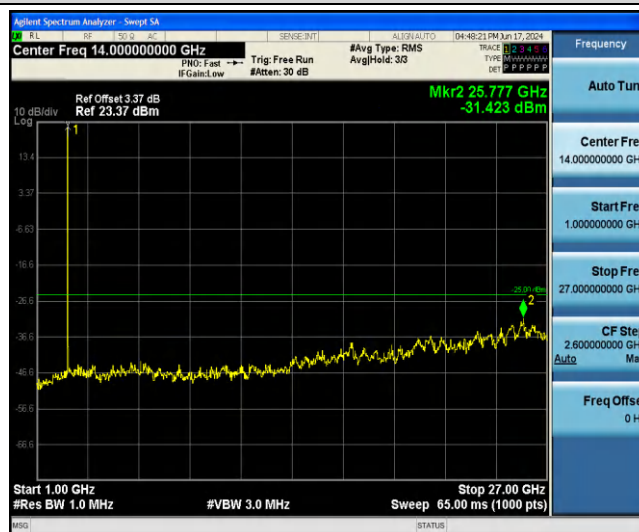




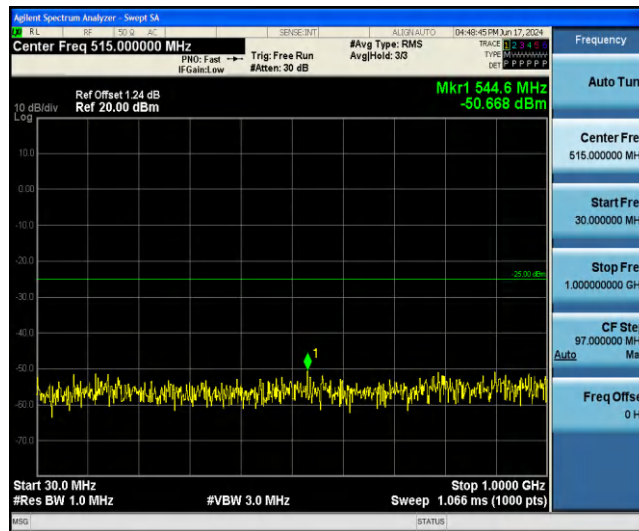
Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~27000MHz



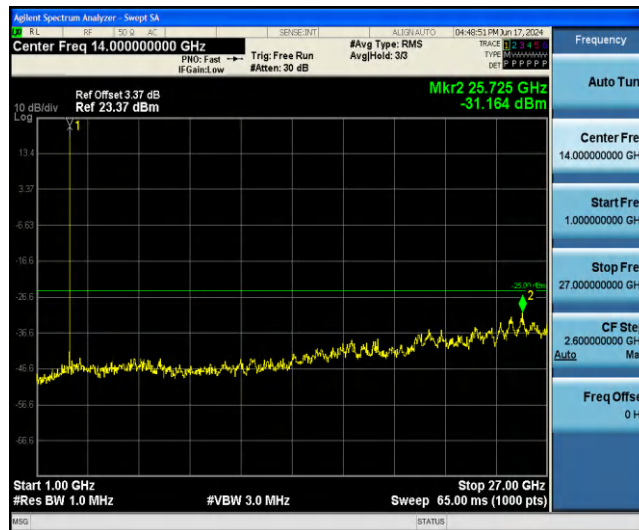
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



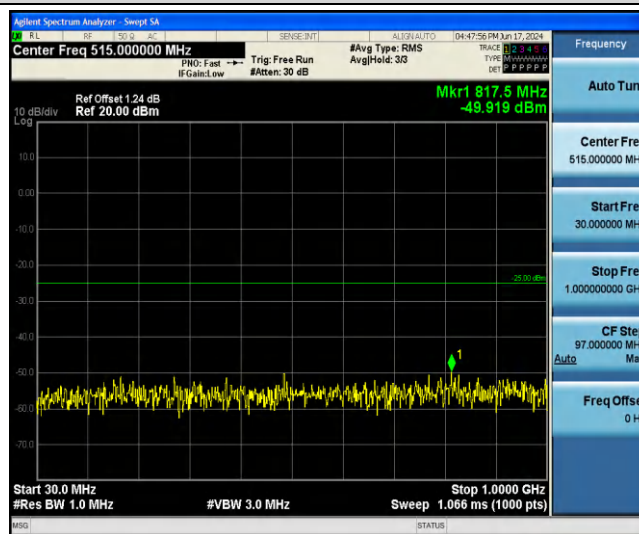
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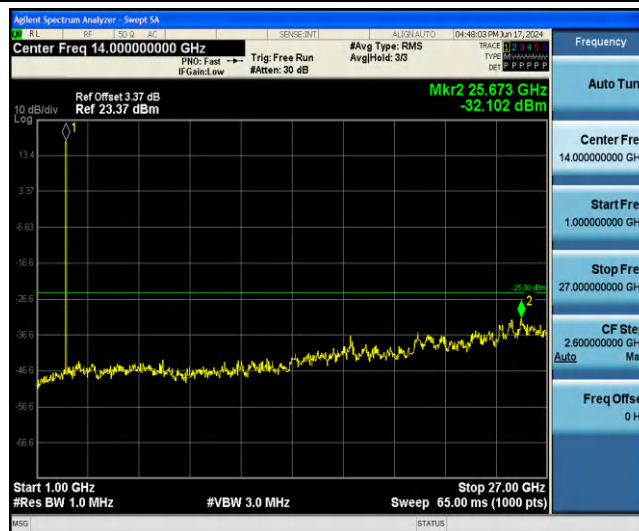
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



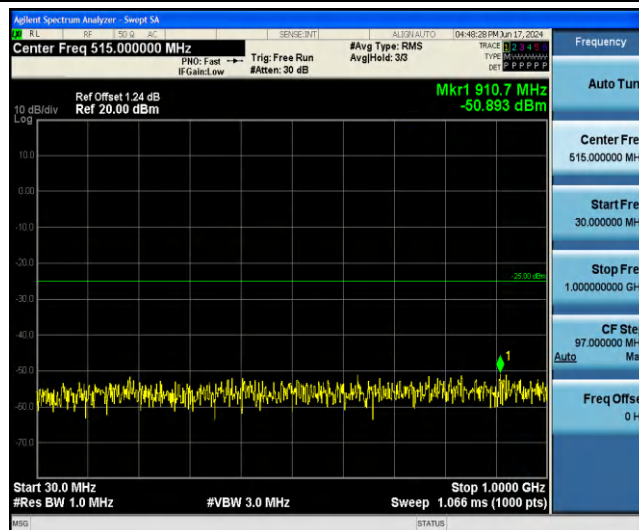
Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz



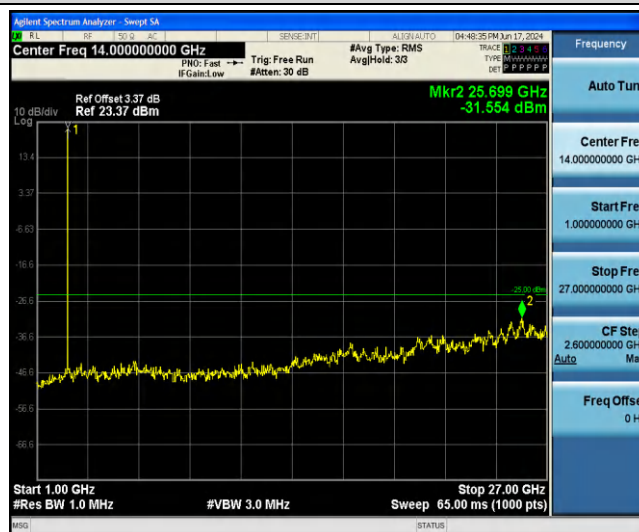
Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



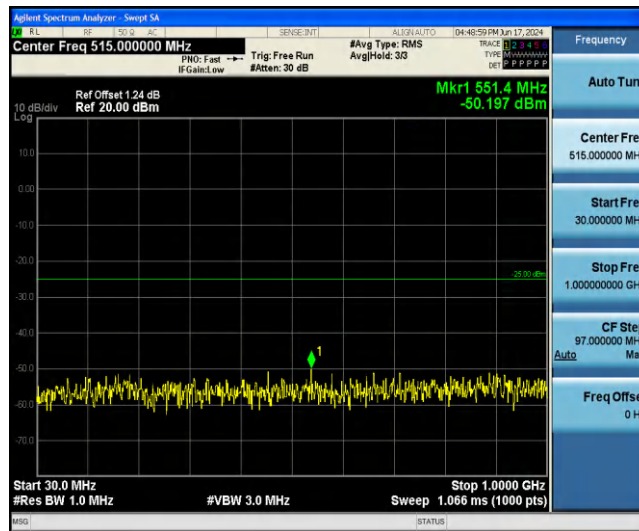
Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~27000MHz



Band41-5MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



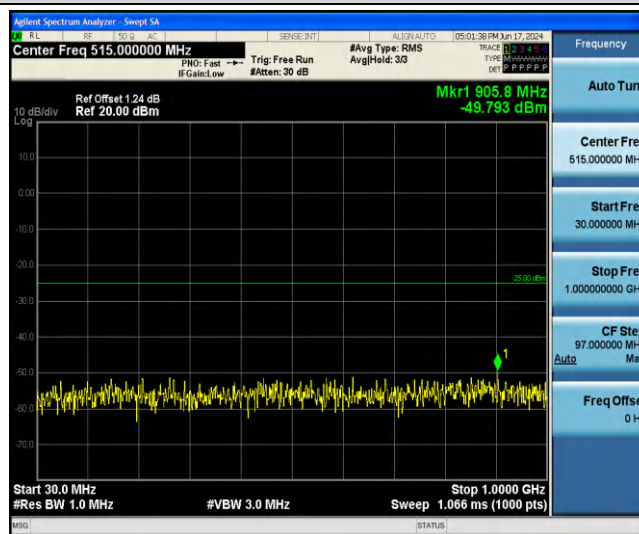
Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz



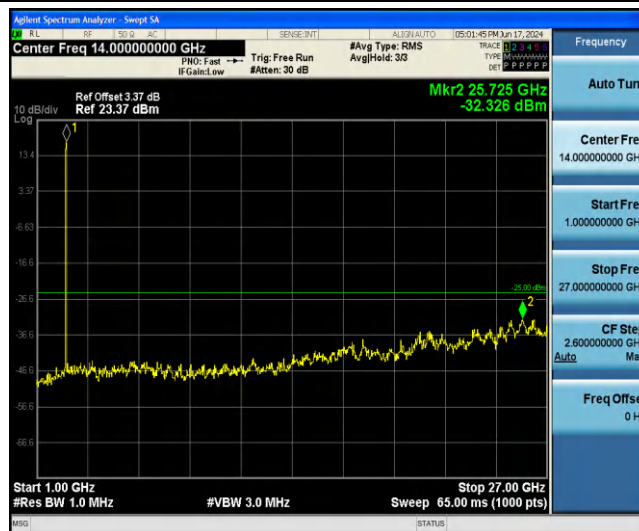
Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



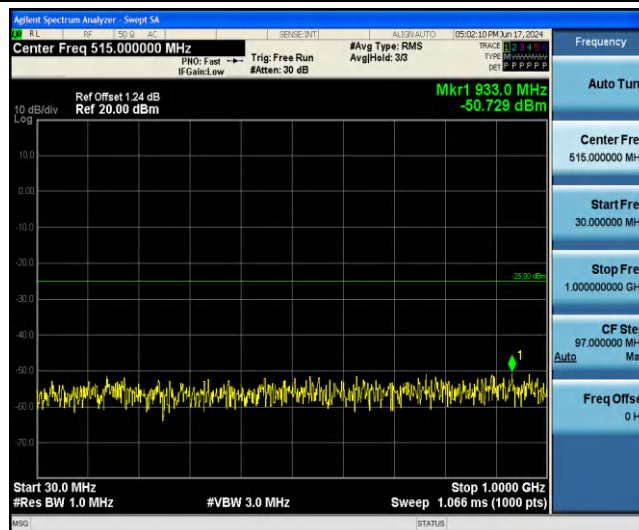
Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~27000MHz



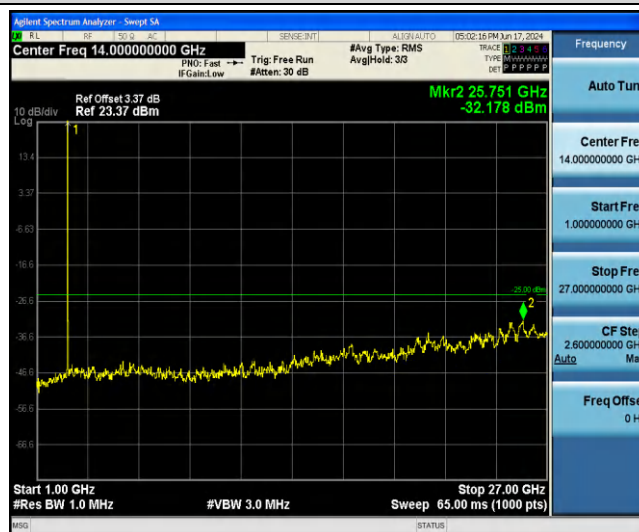
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



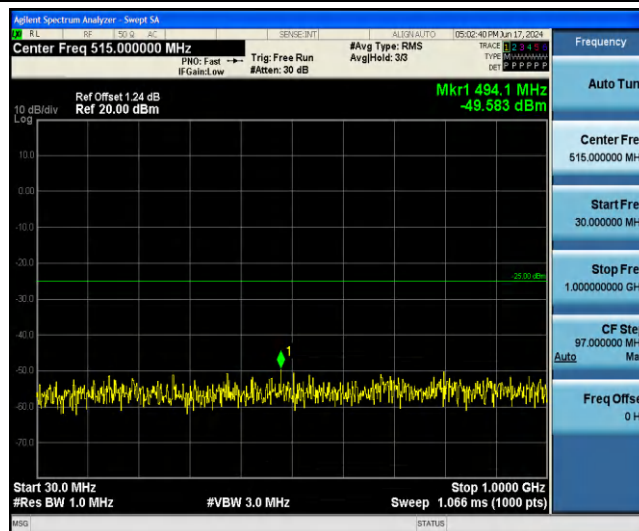
Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~27000MHz



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



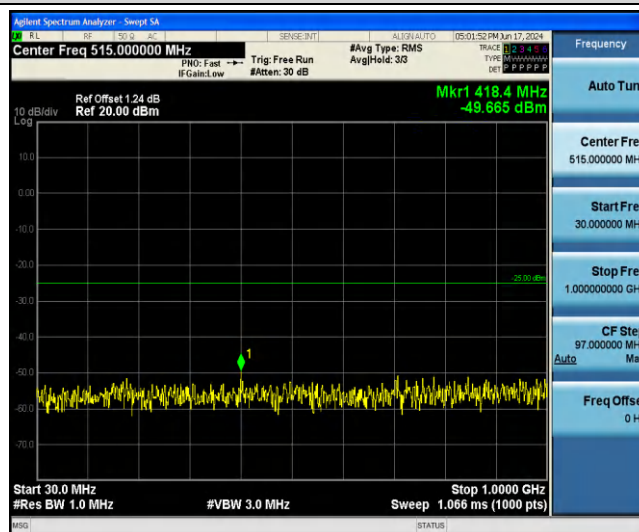
Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



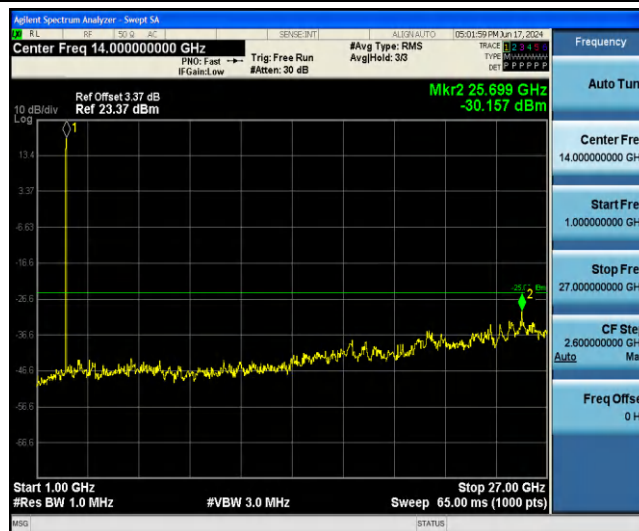
Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



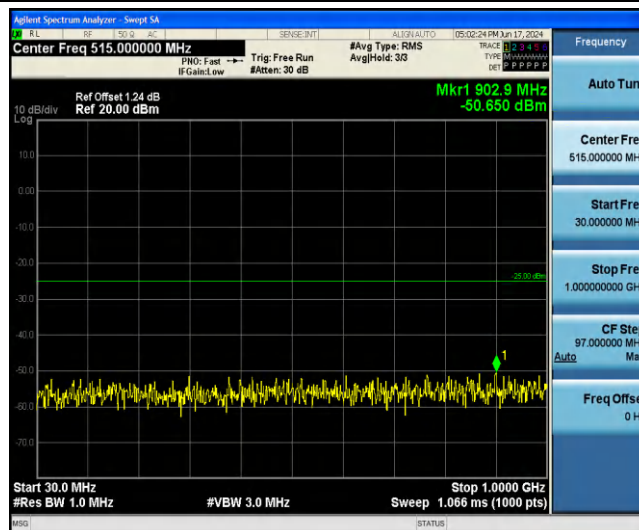
Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~27000MHz



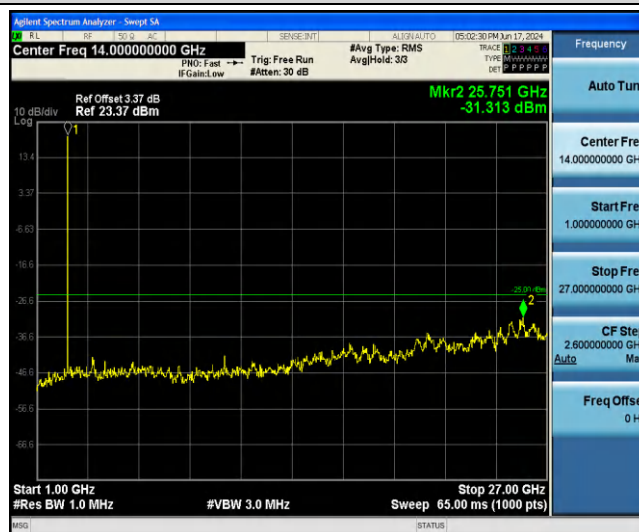
Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



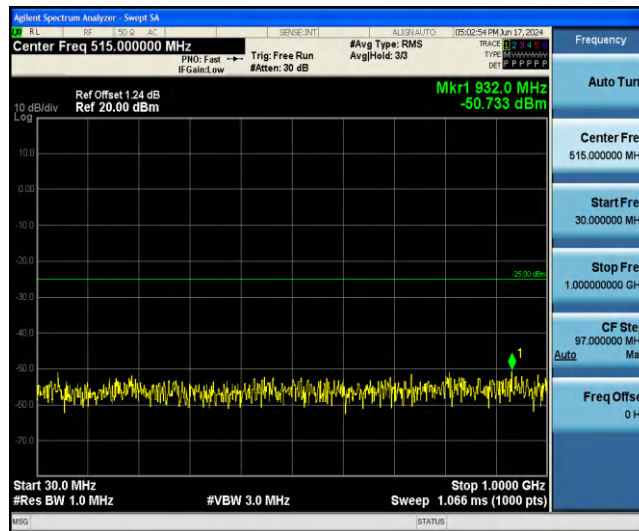
Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~27000MHz



Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



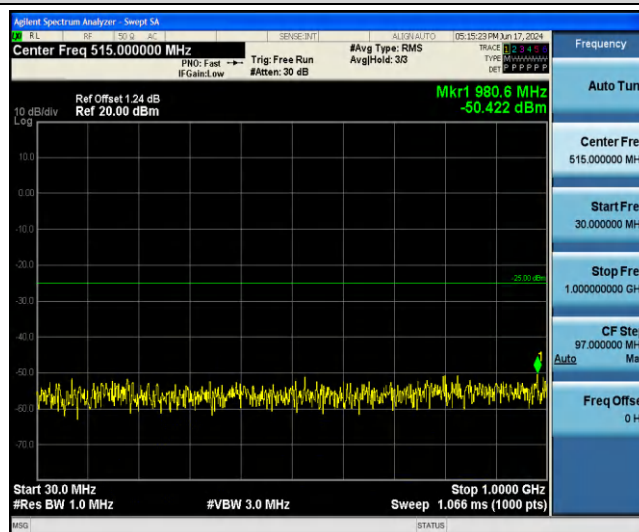
Band41-10MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz



Band41-10MHz-16QAM-41540-1RB#0-Range1:30~1000MHz



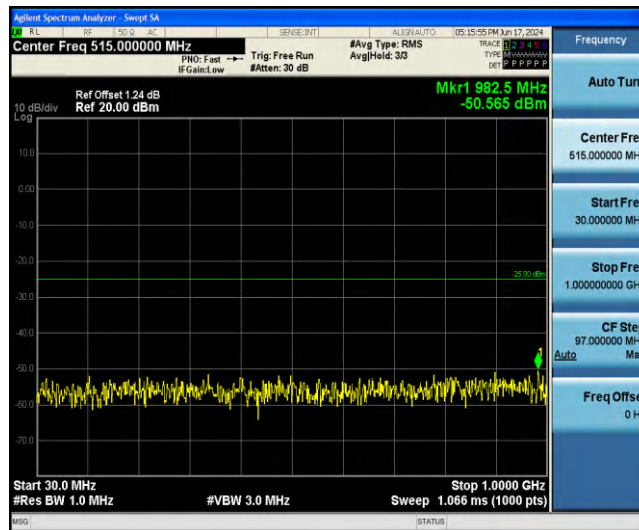
Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~27000MHz



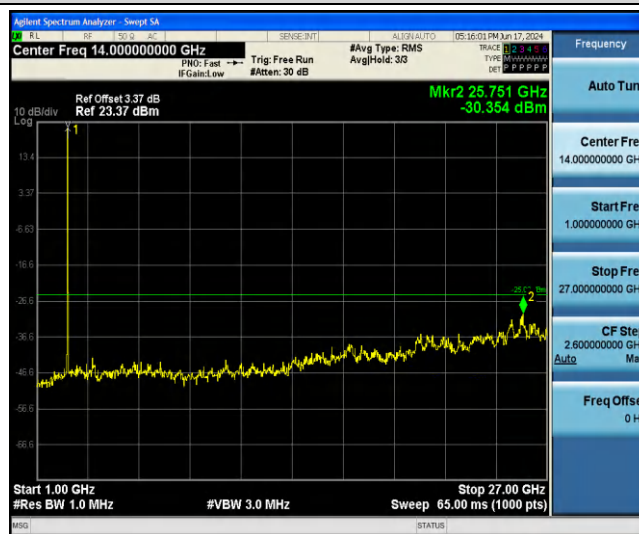
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



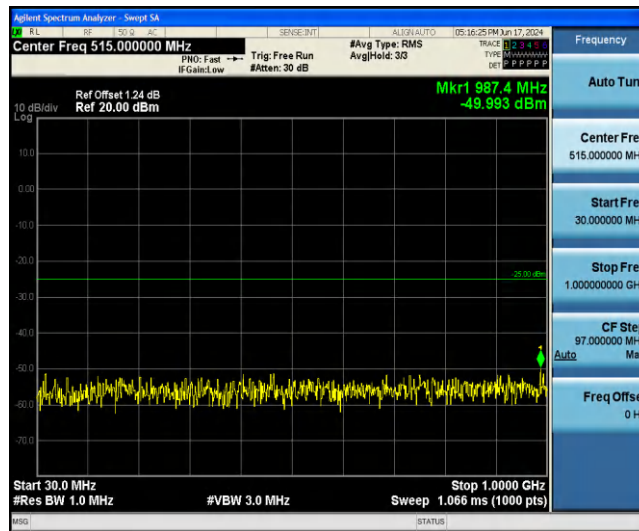
Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~27000MHz



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



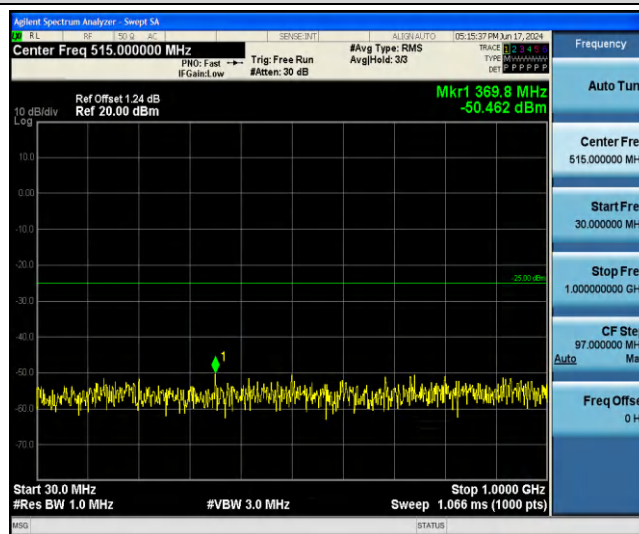
Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



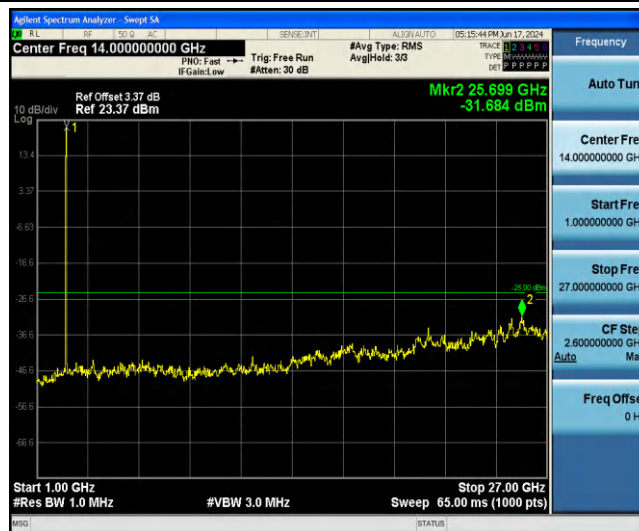
Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



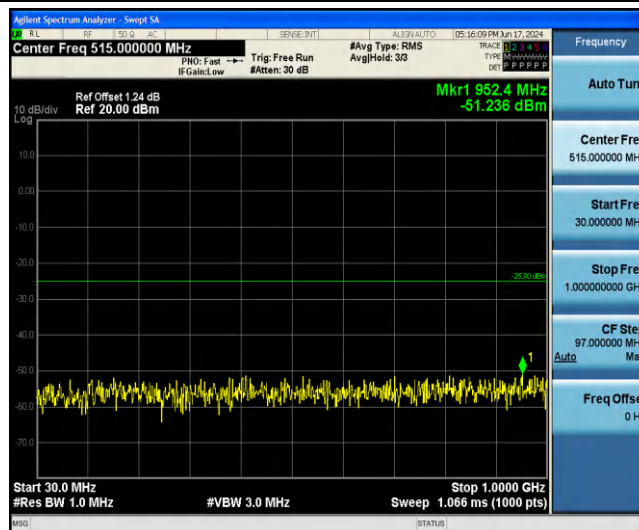
Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~27000MHz



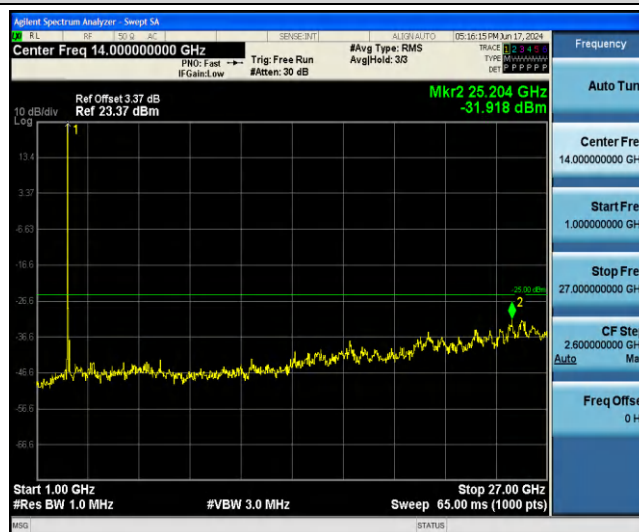
Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz



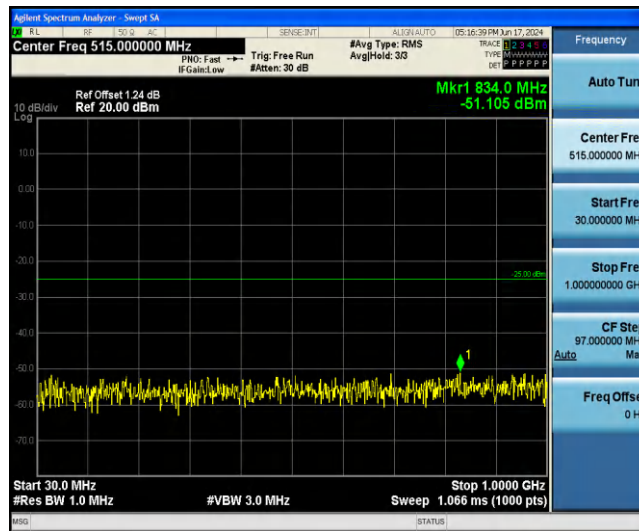
Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~27000MHz



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



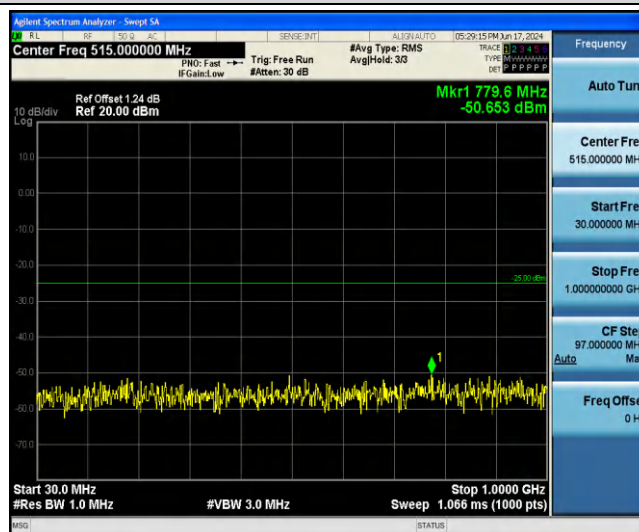
Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz



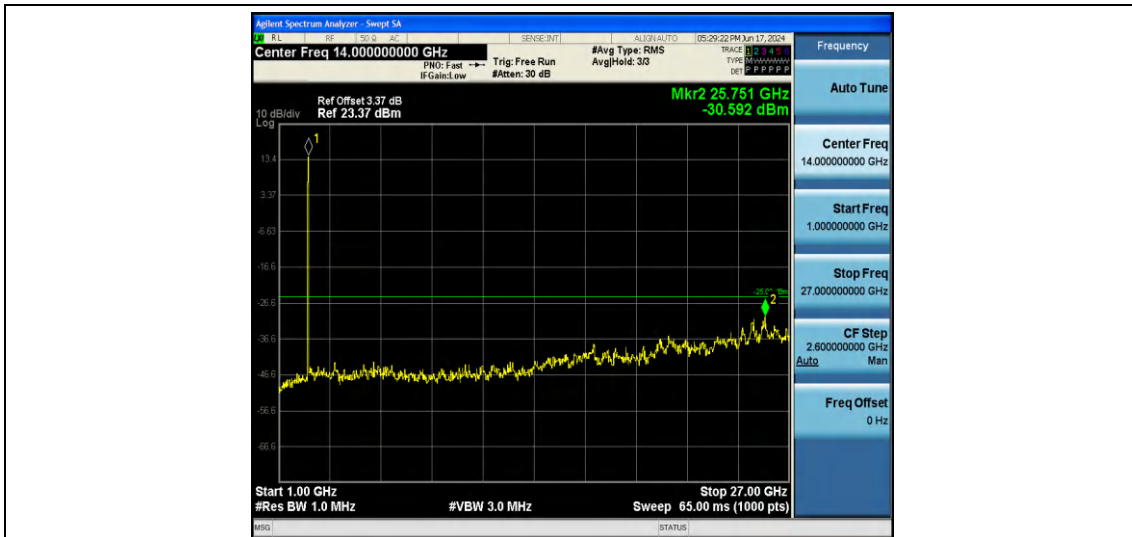
Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



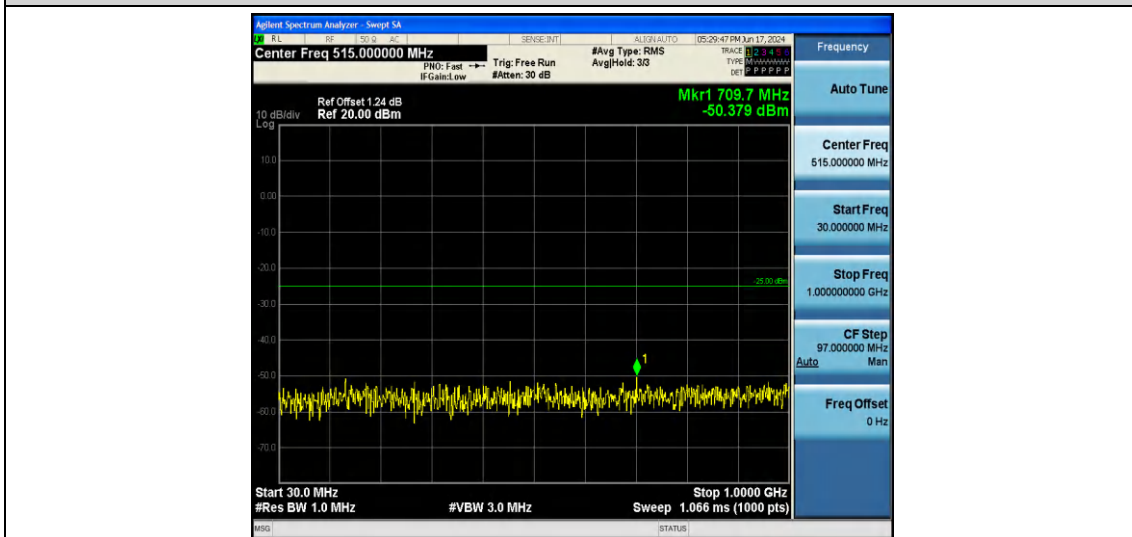
Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~27000MHz



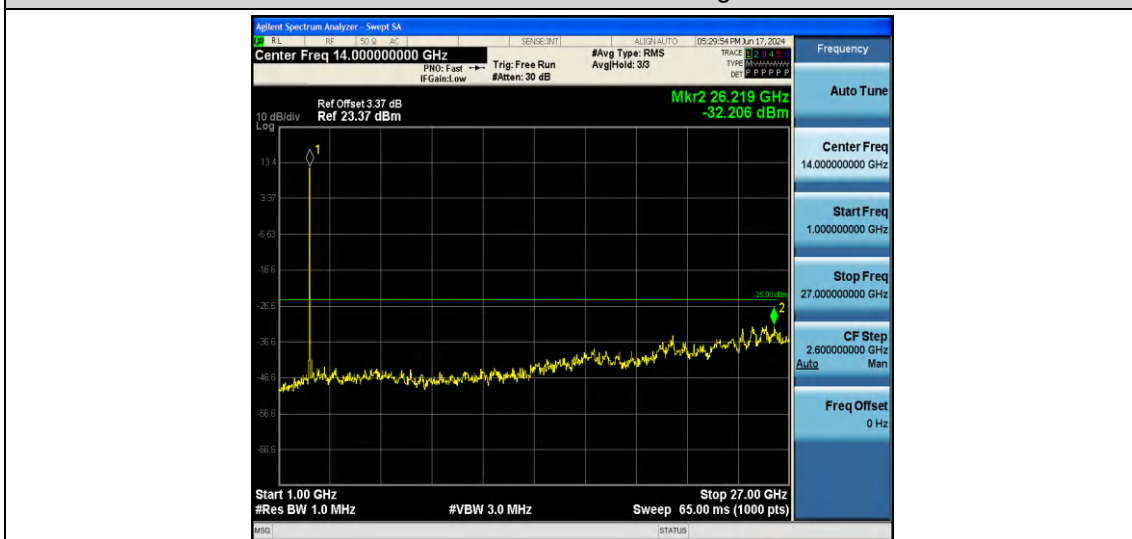
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



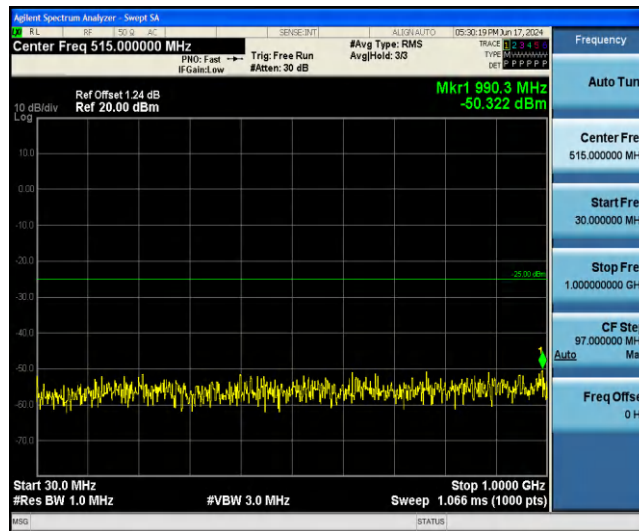
Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~27000MHz



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



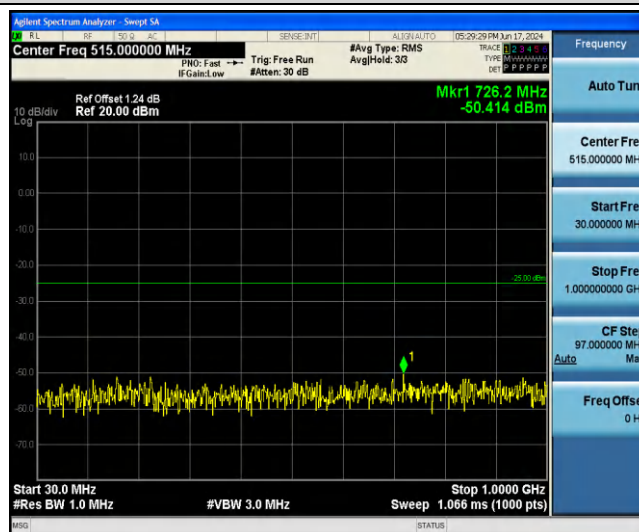
Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



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



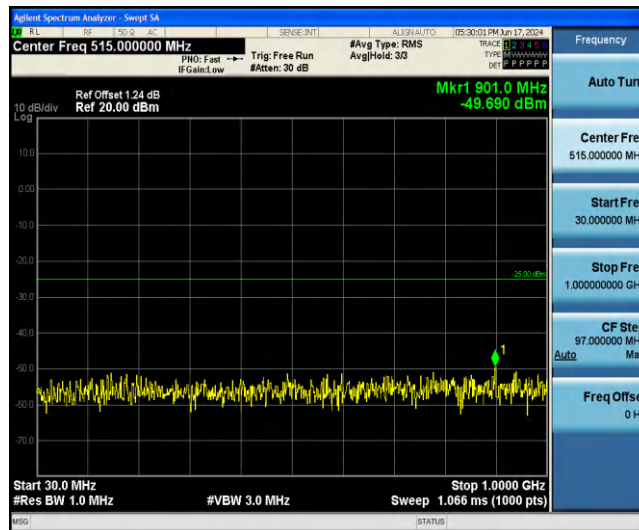
Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz



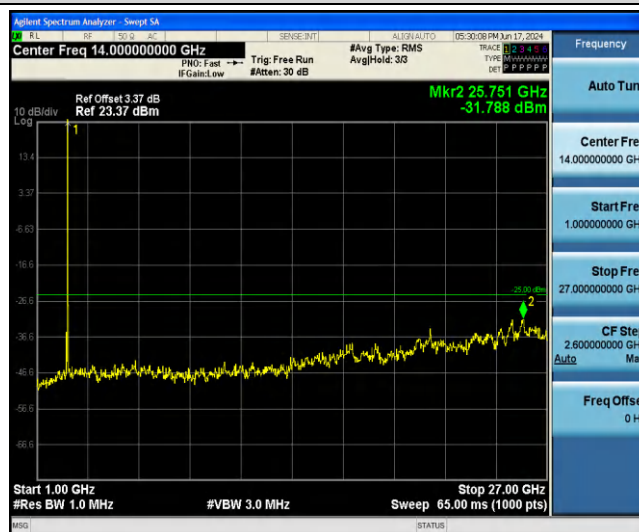
Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



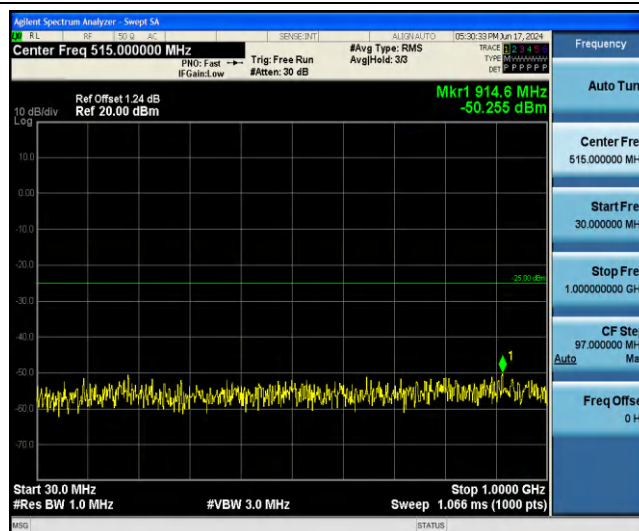
Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~27000MHz



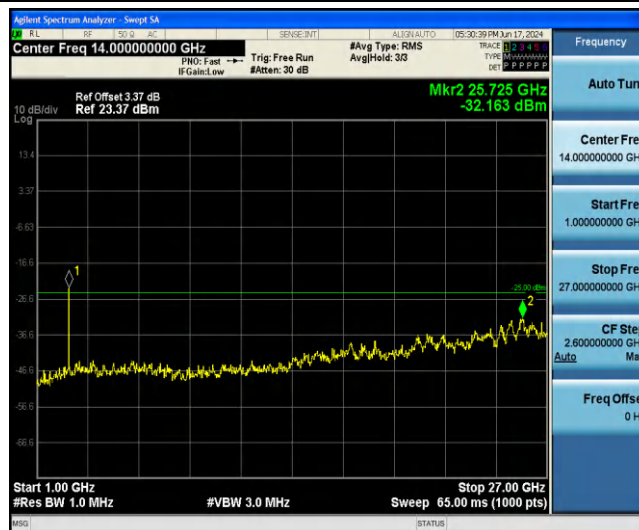
Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz



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



Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~27000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4_1	5MHz	QPSK	39675	25RB#0	VL	NT	6.36	0.002546	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VN	NT	9.76	0.003906	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VH	NT	8.26	0.003306	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VL	NT	10.58	0.004080	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VN	NT	10.00	0.003857	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VH	NT	-5.48	-0.002113	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VL	NT	-9.53	-0.003546	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VN	NT	-10.75	-0.004000	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VH	NT	6.46	0.002404	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VL	NT	-10.08	-0.004034	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VN	NT	-6.70	-0.002682	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VH	NT	8.07	0.003230	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VL	NT	5.05	0.001948	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VN	NT	8.86	0.003417	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VH	NT	12.89	0.004971	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VL	NT	5.18	0.001927	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VN	NT	-4.42	-0.001645	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VH	NT	11.55	0.004298	±2.5	PASS

1										
Band4 1	10MHz	QPSK	39700	50RB#0	VL	NT	6.23	0.002491	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VN	NT	9.03	0.003611	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VH	NT	10.17	0.004066	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VL	NT	-9.99	-0.003853	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VN	NT	5.26	0.002029	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VH	NT	5.42	0.002090	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VL	NT	-11.10	-0.004134	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VN	NT	-12.25	-0.004562	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VH	NT	-17.93	-0.006678	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VL	NT	10.09	0.004034	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VN	NT	6.15	0.002459	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VH	NT	5.21	0.002083	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VL	NT	-4.93	-0.001901	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VN	NT	-4.34	-0.001674	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VH	NT	4.89	0.001886	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VL	NT	-14.35	-0.005345	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VN	NT	-12.58	-0.004685	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VH	NT	-11.78	-0.004387	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VL	NT	-8.24	-0.003291	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VN	NT	-5.81	-0.002321	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VH	NT	-11.10	-0.004434	±2.5	PASS

Band4 1	15MHz	QPSK	40620	75RB#0	VL	NT	7.22	0.002784	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VN	NT	-3.77	-0.001454	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VH	NT	-6.10	-0.002352	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VL	NT	-5.35	-0.001994	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VN	NT	-7.93	-0.002956	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VH	NT	12.12	0.004518	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VL	NT	-6.73	-0.002688	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VN	NT	-7.42	-0.002964	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VH	NT	-5.49	-0.002193	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VL	NT	6.17	0.002379	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VN	NT	-4.17	-0.001608	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VH	NT	-6.74	-0.002599	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VL	NT	10.35	0.003858	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VN	NT	9.14	0.003407	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VH	NT	-5.36	-0.001998	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VL	NT	8.54	0.003408	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VN	NT	10.55	0.004210	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VH	NT	8.64	0.003448	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VL	NT	-7.88	-0.003039	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VN	NT	7.46	0.002877	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VH	NT	-3.98	-0.001535	±2.5	PASS
Band4	20MHz	QPSK	41490	100RB#0	VL	NT	-10.32	-0.003851	±2.5	PASS

1										
Band4 1	20MHz	QPSK	41490	100RB#0	VN	NT	-8.76	-0.003269	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VH	NT	6.04	0.002254	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VL	NT	-10.15	-0.004050	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VN	NT	9.27	0.003699	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VH	NT	8.24	0.003288	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VL	NT	7.97	0.003074	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VN	NT	2.85	0.001099	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VH	NT	7.86	0.003031	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VL	NT	-6.42	-0.002396	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VN	NT	9.77	0.003646	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VH	NT	5.79	0.002160	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-30	8.26	0.003306	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-20	-5.27	-0.002109	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	0	6.25	0.002502	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	10	-8.70	-0.003482	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	20	-5.66	-0.002265	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-30	-5.65	-0.002179	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-20	-4.55	-0.001755	±2.5	PASS
Band4	5MHz	QPSK	40620	25RB#0	NV	0	7.71	0.002973	±2.5	PASS

1										
Band4 1	5MHz	QPSK	40620	25RB#0	NV	10	7.61	0.002935	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	20	6.43	0.002480	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-30	6.29	0.002340	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-20	7.29	0.002713	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	0	-8.20	-0.003051	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	10	-5.67	-0.002110	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	20	-10.99	-0.004089	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-30	6.94	0.002778	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-20	-4.70	-0.001881	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	0	-4.64	-0.001857	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	10	-8.87	-0.003550	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	20	8.41	0.003366	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-30	4.36	0.001681	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-20	-6.01	-0.002318	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	0	5.72	0.002206	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	10	3.17	0.001223	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	20	6.08	0.002345	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-30	-14.56	-0.005418	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-20	-11.75	-0.004372	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	0	4.76	0.001771	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	10	-8.86	-0.003297	±2.5	PASS

Band4 1	5MHz	16QAM	41565	25RB#0	NV	20	-6.88	-0.002560	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-30	7.73	0.003091	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-20	-5.66	-0.002263	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	0	11.58	0.004630	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	10	7.63	0.003051	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	20	4.50	0.001799	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-30	8.31	0.003205	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-20	7.91	0.003051	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	0	8.23	0.003174	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	10	5.91	0.002279	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	20	-6.07	-0.002341	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-30	-8.17	-0.003043	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-20	-11.18	-0.004164	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	0	6.85	0.002551	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	10	-11.75	-0.004376	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	20	-13.39	-0.004987	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	-30	-6.84	-0.002735	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	-20	-4.33	-0.001731	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	0	12.86	0.005142	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	10	5.40	0.002159	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	20	-5.80	-0.002319	±2.5	PASS
Band4	10MHz	16QAM	40620	50RB#0	NV	-30	9.03	0.003482	±2.5	PASS

1										
Band4 1	10MHz	16QAM	40620	50RB#0	NV	-20	7.56	0.002916	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	0	-4.20	-0.001620	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	10	-6.73	-0.002595	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	20	-7.65	-0.002950	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-30	-10.26	-0.003821	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-20	-8.71	-0.003244	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	0	-7.23	-0.002693	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	10	-13.78	-0.005132	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	20	-14.72	-0.005482	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-30	-10.56	-0.004218	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-20	-6.68	-0.002668	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	0	-11.25	-0.004494	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	10	-14.77	-0.005900	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	20	-9.61	-0.003839	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	-30	6.23	0.002403	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	-20	7.98	0.003078	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	0	-5.19	-0.002002	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	10	-7.02	-0.002707	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	20	8.87	0.003421	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-30	-7.63	-0.002844	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-20	8.81	0.003284	±2.5	PASS

Band4 1	15MHz	QPSK	41515	75RB#0	NV	0	6.63	0.002472	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	10	10.51	0.003918	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	20	9.02	0.003363	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-30	-5.23	-0.002089	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-20	-6.01	-0.002401	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	0	-6.61	-0.002640	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	10	-76.11	-0.030401	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	20	-13.66	-0.005456	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-30	3.95	0.001523	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-20	-4.12	-0.001589	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	0	9.01	0.003475	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	10	6.30	0.002430	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	20	-8.67	-0.003344	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	-30	8.60	0.003206	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	-20	-8.70	-0.003243	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	0	8.79	0.003277	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	10	-6.23	-0.002322	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	20	7.36	0.002744	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-30	-10.83	-0.004322	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-20	-5.77	-0.002302	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	0	3.97	0.001584	±2.5	PASS
Band4	20MHz	QPSK	39750	100RB#0	NV	10	8.86	0.003536	±2.5	PASS

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Band4 1	20MHz	QPSK	39750	100RB#0	NV	20	7.18	0.002865	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-30	10.60	0.004088	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-20	7.23	0.002788	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	0	6.54	0.002522	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	10	4.12	0.001589	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	20	4.34	0.001674	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-30	8.11	0.003026	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-20	-10.55	-0.003937	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	0	-9.39	-0.003504	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	10	8.19	0.003056	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	20	5.98	0.002231	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	-30	-5.78	-0.002306	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	-20	7.71	0.003077	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	0	11.14	0.004445	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	10	4.81	0.001919	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	20	-5.09	-0.002031	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-30	10.74	0.004142	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-20	6.75	0.002603	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	0	-5.05	-0.001948	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	10	6.16	0.002376	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	20	5.28	0.002036	±2.5	PASS

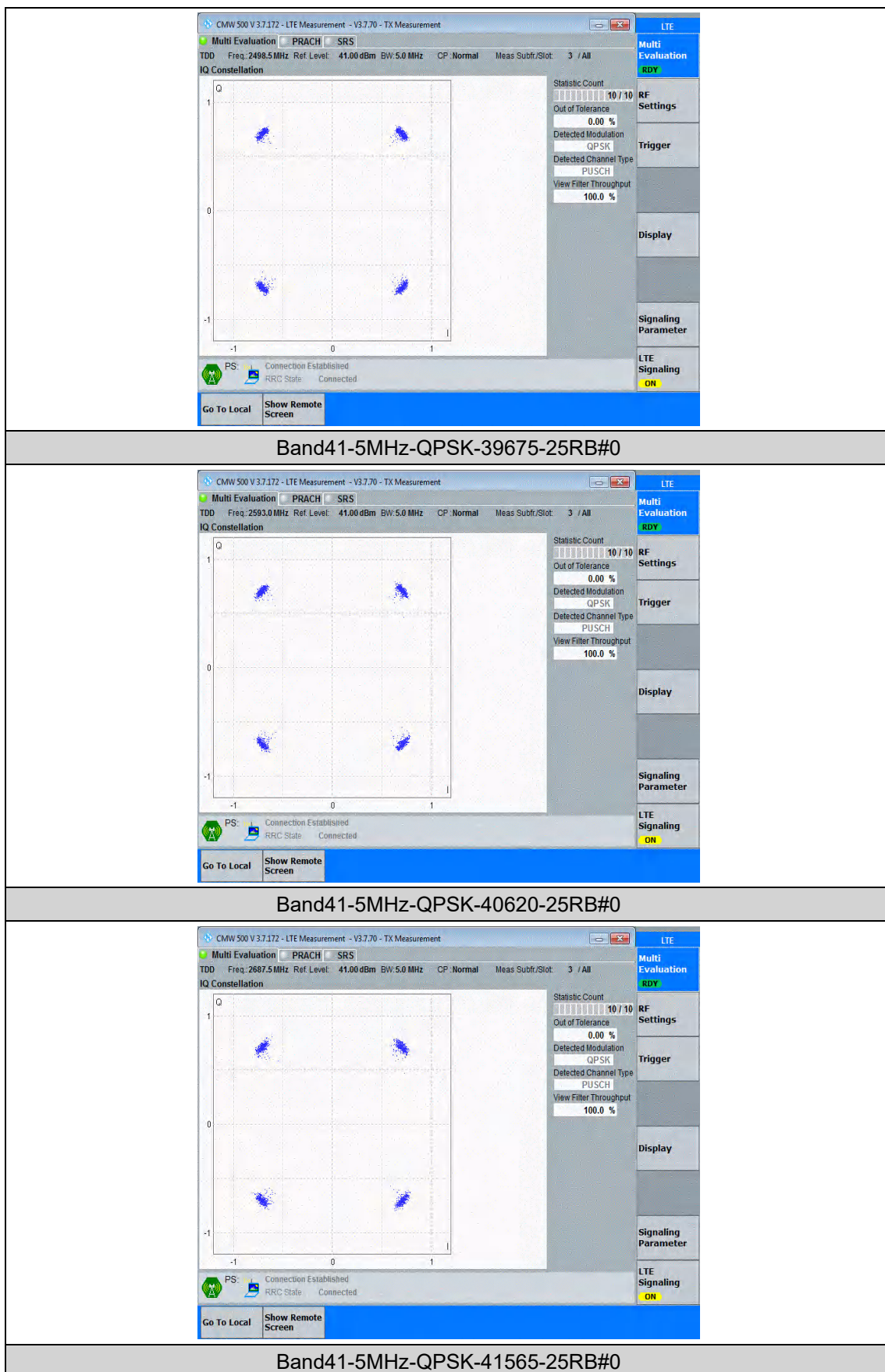
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-30	-5.45	-0.002034	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-20	10.79	0.004026	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	0	-8.27	-0.003086	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	10	-5.99	-0.002235	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	20	-11.58	-0.004321	±2.5	PASS

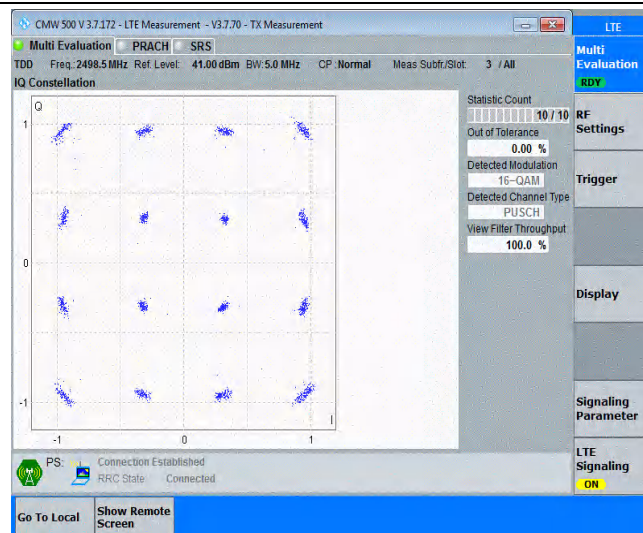
Appendix G: Modulation Characteristics

Test Result

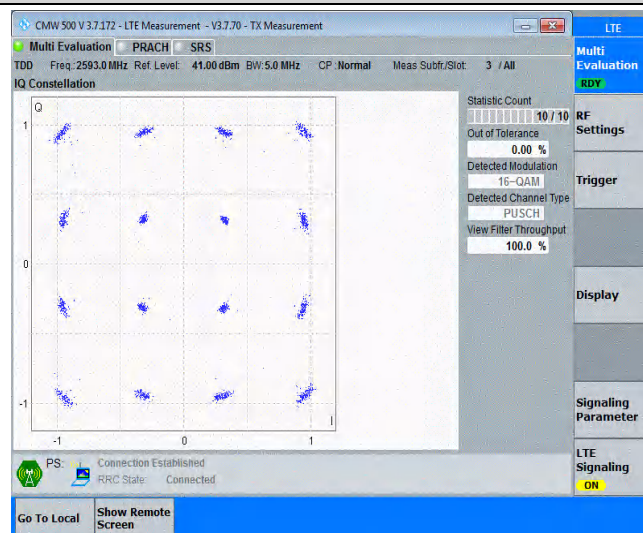
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band41	5MHz	QPSK	39675	25RB#0	PASS	PASS
Band41	5MHz	QPSK	40620	25RB#0	PASS	PASS
Band41	5MHz	QPSK	41565	25RB#0	PASS	PASS
Band41	5MHz	16QAM	39675	25RB#0	PASS	PASS
Band41	5MHz	16QAM	40620	25RB#0	PASS	PASS
Band41	5MHz	16QAM	41565	25RB#0	PASS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

Test Graphs

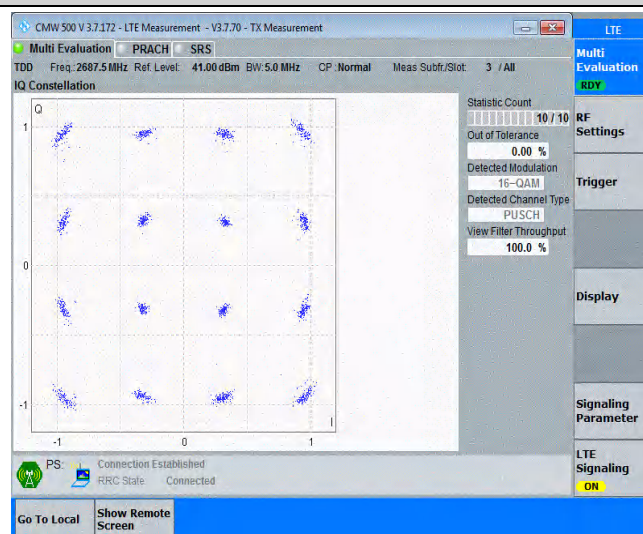




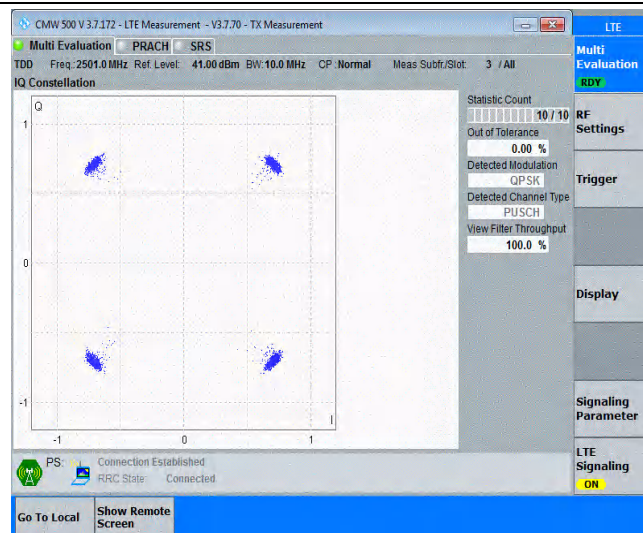
Band41-5MHz-16QAM-39675-25RB#0



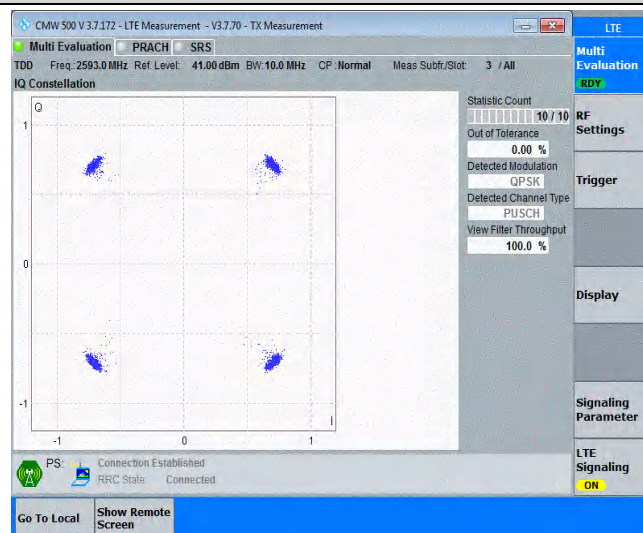
Band41-5MHz-16QAM-40620-25RB#0



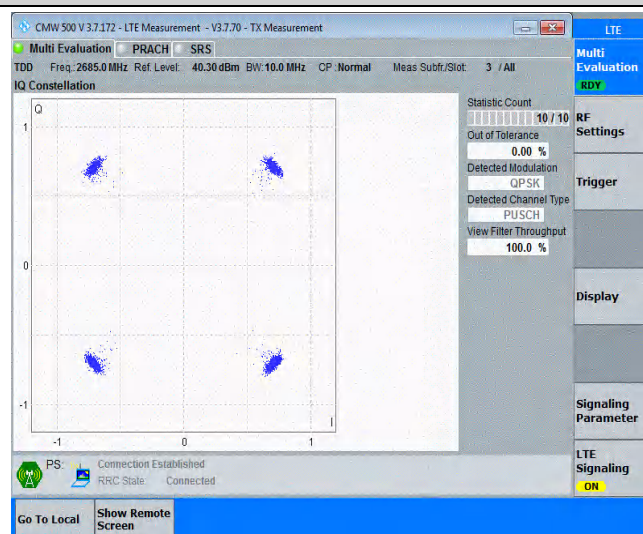
Band41-5MHz-16QAM-41565-25RB#0



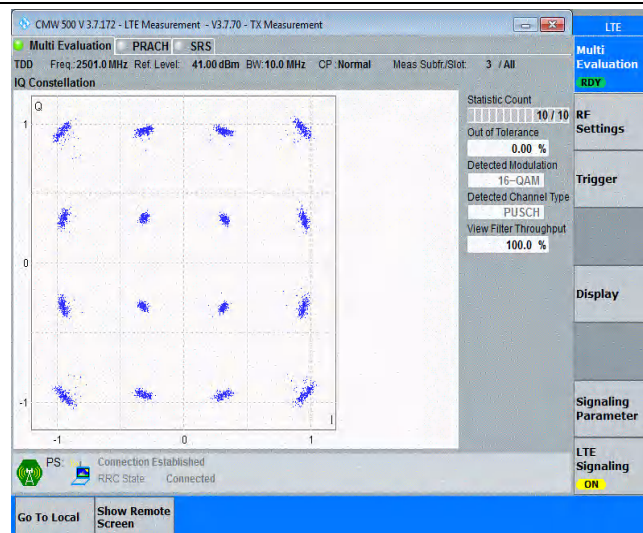
Band41-10MHz-QPSK-39700-50RB#0



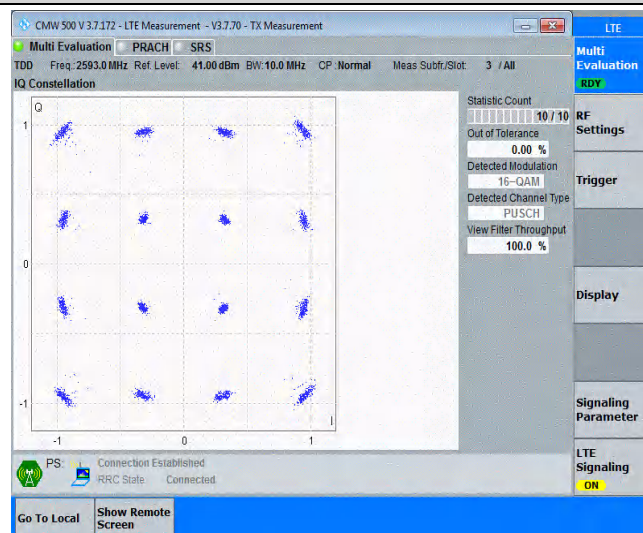
Band41-10MHz-QPSK-40620-50RB#0



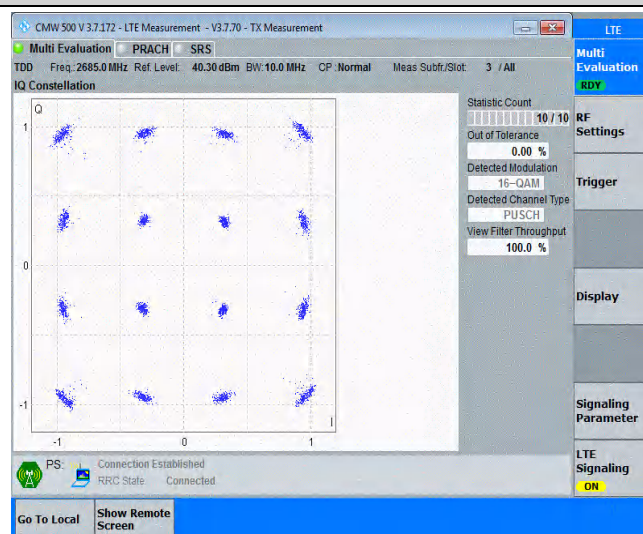
Band41-10MHz-QPSK-41540-50RB#0



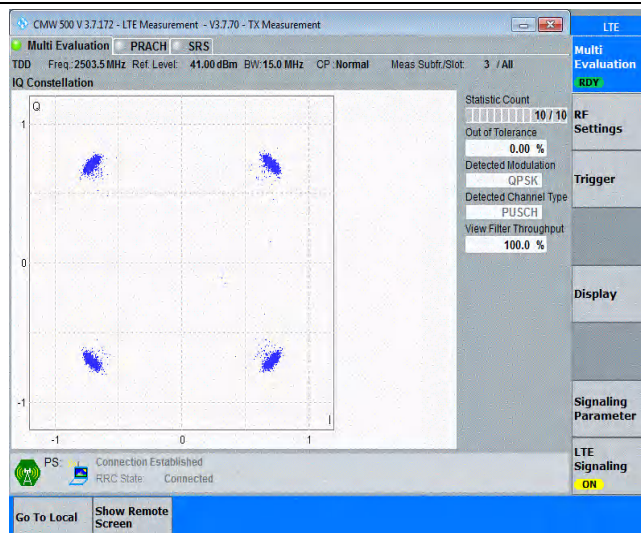
Band41-10MHz-16QAM-39700-50RB#0



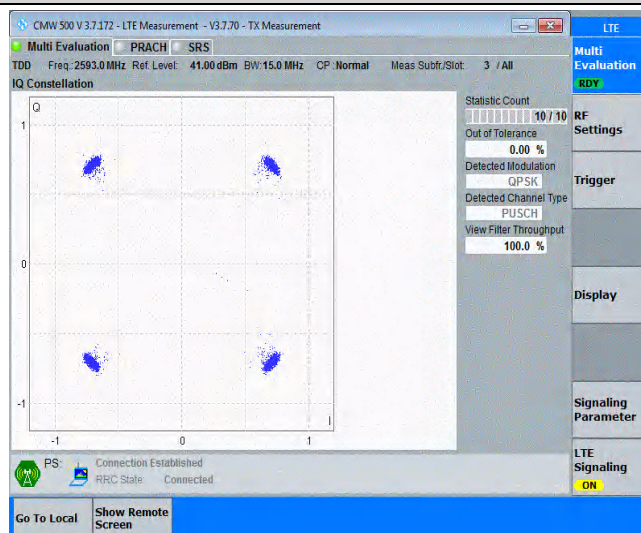
Band41-10MHz-16QAM-40620-50RB#0



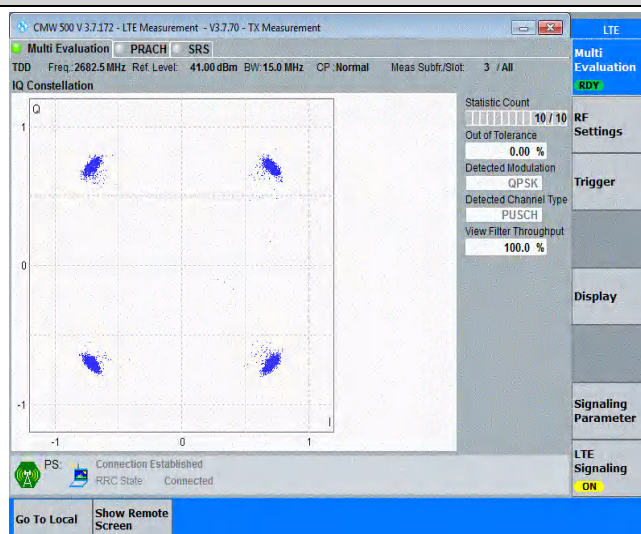
Band41-10MHz-16QAM-41540-50RB#0



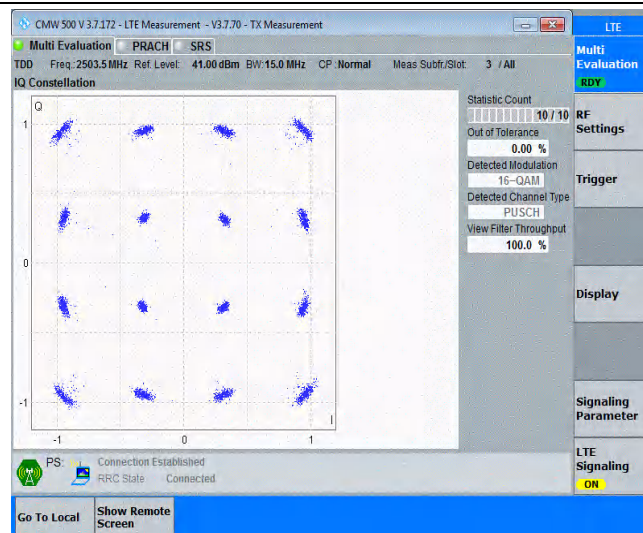
Band41-15MHz-QPSK-39725-75RB#0



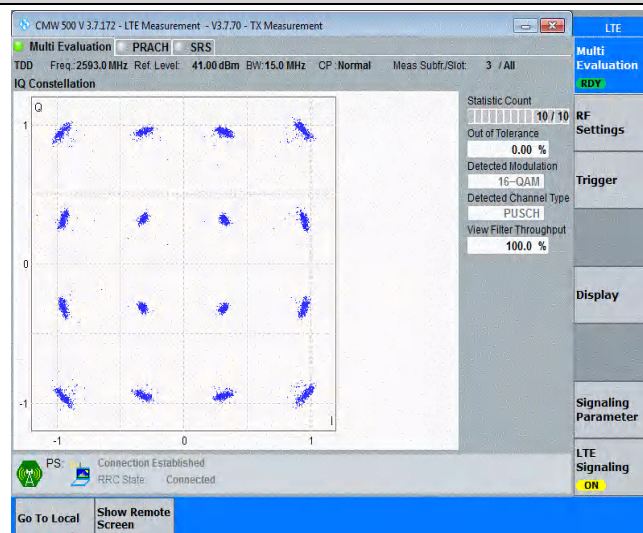
Band41-15MHz-QPSK-40620-75RB#0



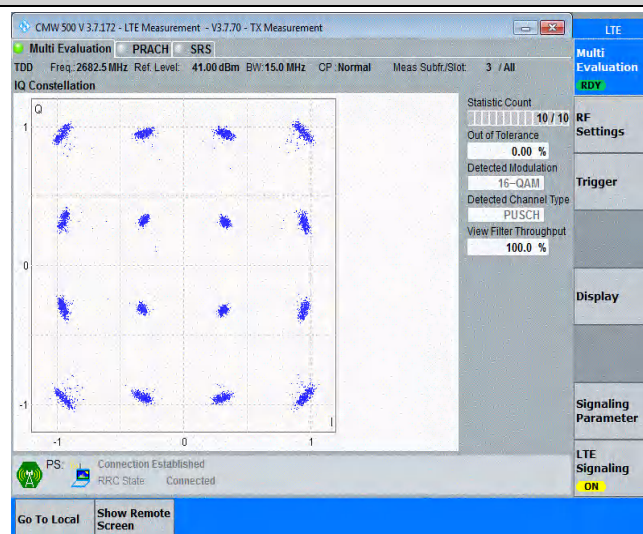
Band41-15MHz-QPSK-41515-75RB#0



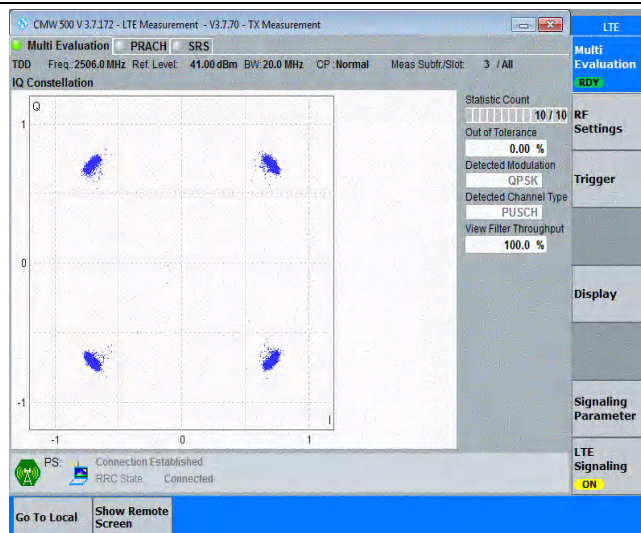
Band41-15MHz-16QAM-39725-75RB#0



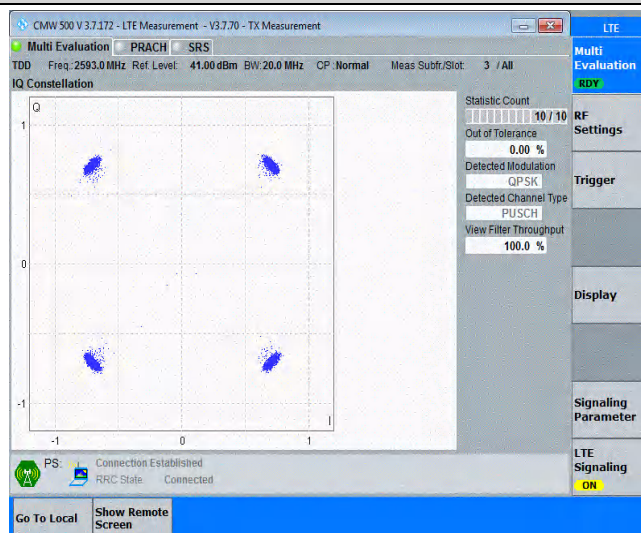
Band41-15MHz-16QAM-40620-75RB#0



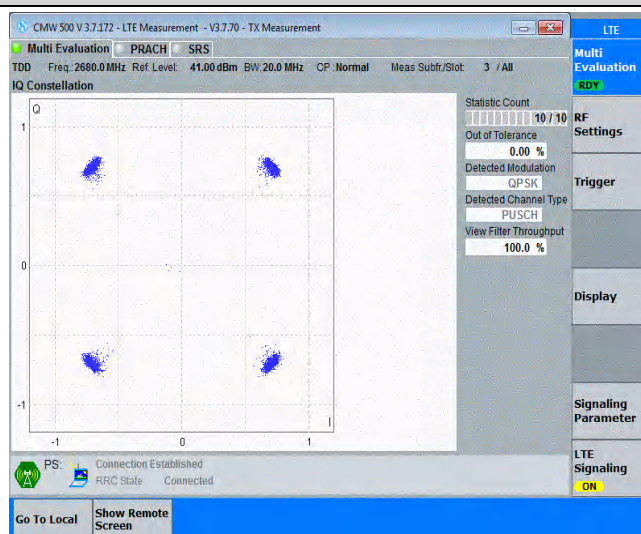
Band41-15MHz-16QAM-41515-75RB#0



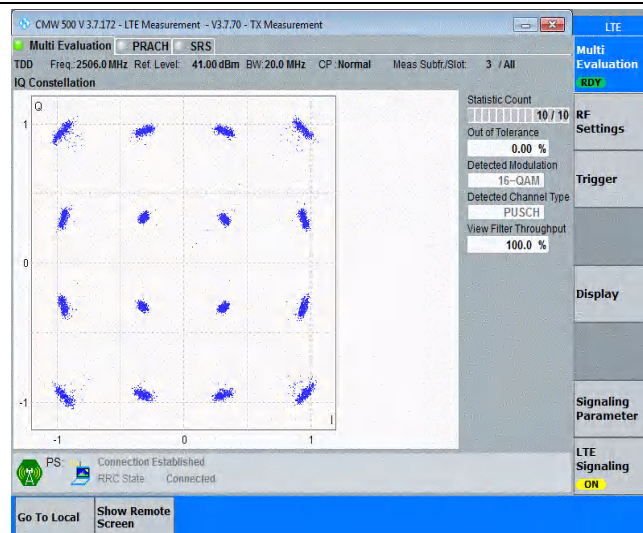
Band41-20MHz-QPSK-39750-100RB#0



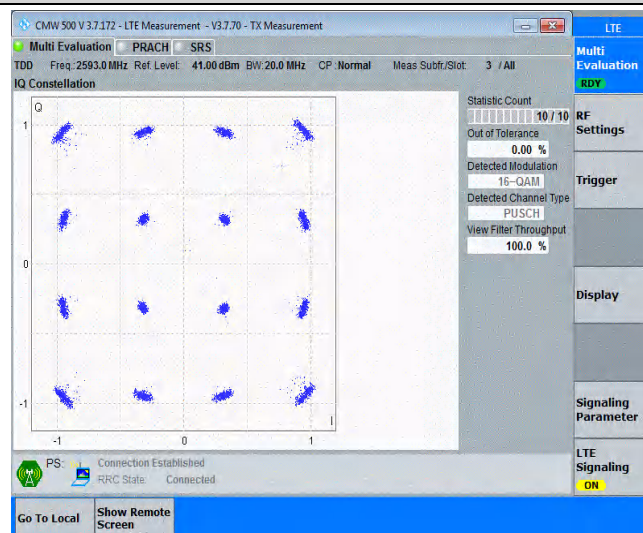
Band41-20MHz-QPSK-40620-100RB#0



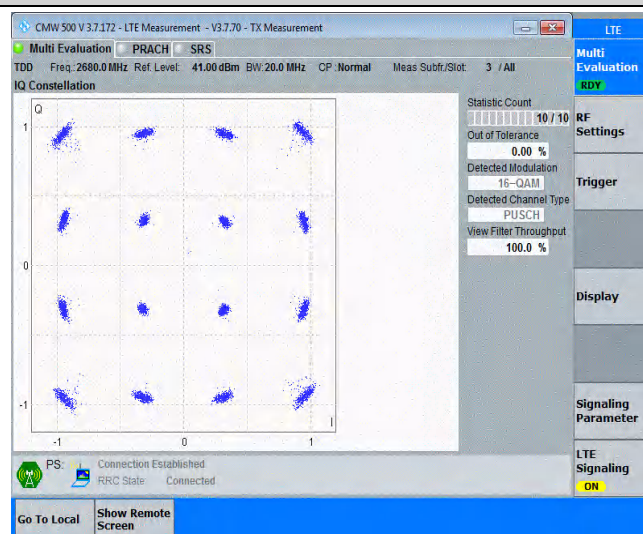
Band41-20MHz-QPSK-41490-100RB#0



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



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



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