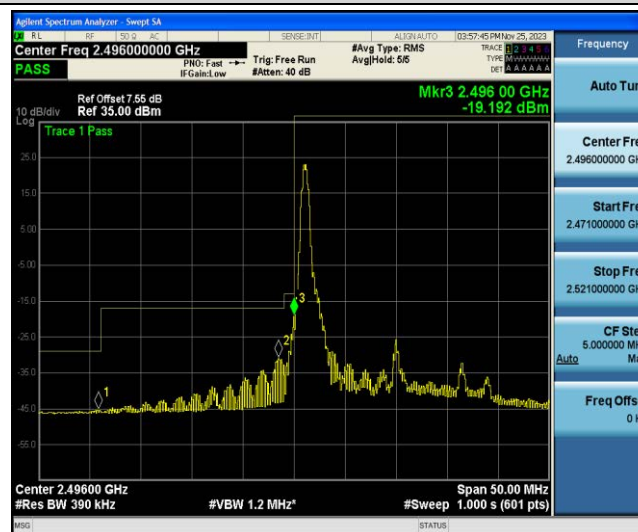




Band41-15MHz-16QAM-41515-75RB#0



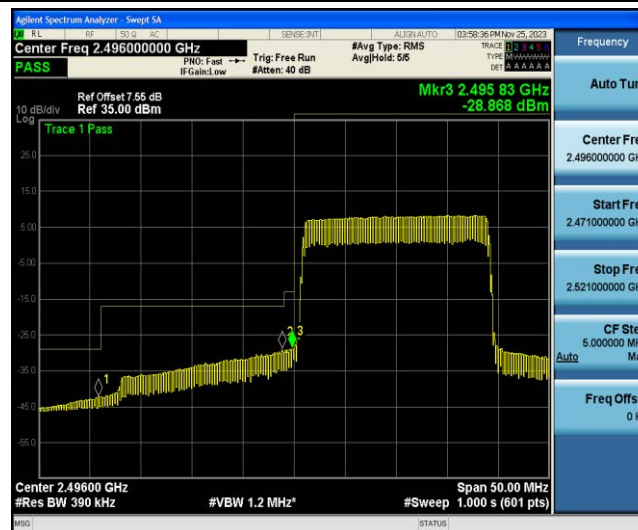
Band41-20MHz-QPSK-39750-1RB#0



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



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



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



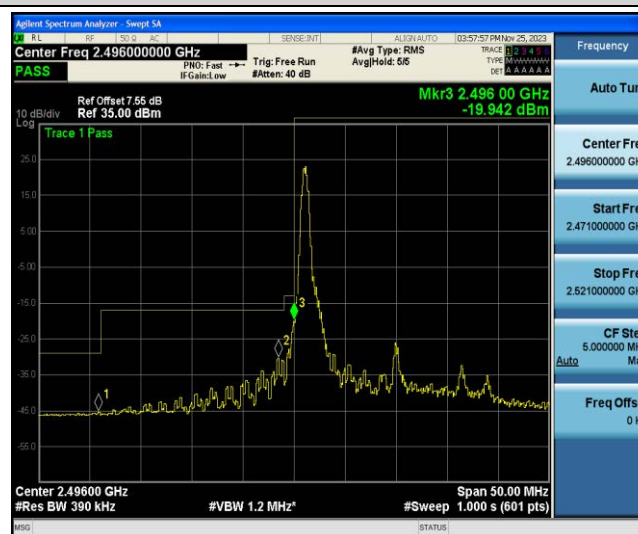
Band41-20MHz-QPSK-41490-1RB#99



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



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



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



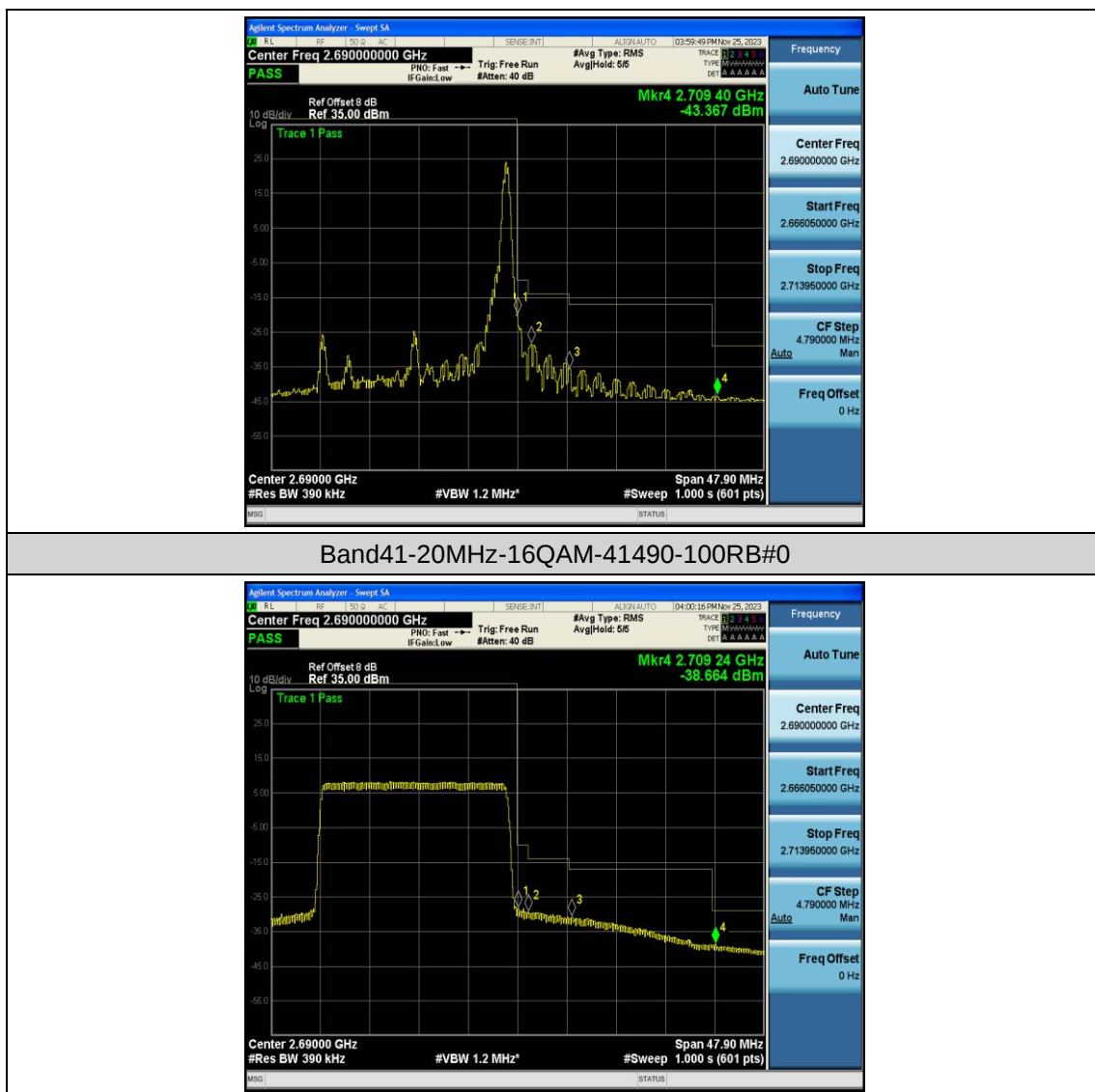
Band41-20MHz-16QAM-39750-100RB#0



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



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



Appendix E: Conducted Spurious Emission

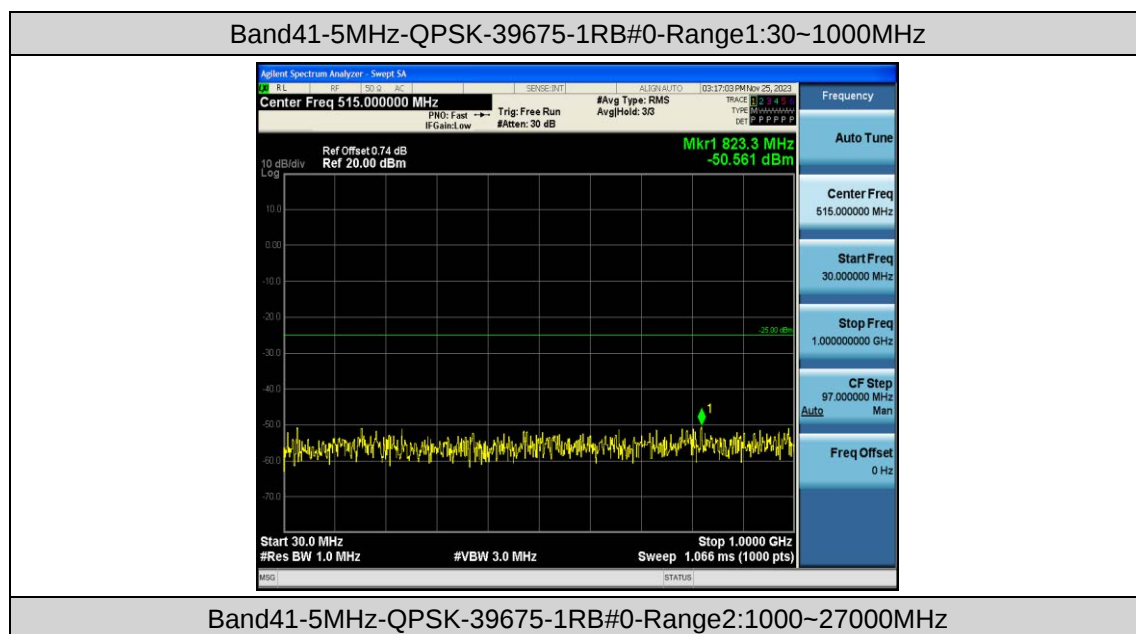
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4 1	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-50.5 6	PAS S
Band4 1	5MHz	QPSK	39675	1RB#0	Range2:1000~27000MHz	-32.9 3	PAS S
Band4 1	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-50.5 3	PAS S
Band4 1	5MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-32.8 5	PAS S
Band4 1	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-49.6 4	PAS S
Band4 1	5MHz	QPSK	41565	1RB#0	Range2:1000~27000MHz	-32.5 8	PAS S
Band4 1	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-49.6 9	PAS S
Band4 1	5MHz	16QAM	39675	1RB#0	Range2:1000~27000MHz	-32.5 8	PAS S
Band4 1	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-50.5 3	PAS S
Band4 1	5MHz	16QAM	40620	1RB#0	Range2:1000~27000MHz	-33.1 2	PAS S
Band4 1	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-50.2 5	PAS S
Band4 1	5MHz	16QAM	41565	1RB#0	Range2:1000~27000MHz	-33.0 9	PAS S
Band4 1	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-49.4	PAS S
Band4 1	10MHz	QPSK	39700	1RB#0	Range2:1000~27000MHz	-30.5 8	PAS S
Band4 1	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-49.4 2	PAS S
Band4 1	10MHz	QPSK	40620	1RB#0	Range2:1000~27000MHz	-32.2 8	PAS S
Band4 1	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-48.6 1	PAS S
Band4	10MHz	QPSK	41540	1RB#0	Range2:1000~27000MHz	-31.2	PAS

1					Hz	7	S
Band4 1	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-48.8	PAS S
Band4 1	10MHz	16QAM	39700	1RB#0	Range2:1000~27000M Hz	-32.4 4	PAS S
Band4 1	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-50.8 6	PAS S
Band4 1	10MHz	16QAM	40620	1RB#0	Range2:1000~27000M Hz	-32.3 1	PAS S
Band4 1	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-49.7 6	PAS S
Band4 1	10MHz	16QAM	41540	1RB#0	Range2:1000~27000M Hz	-30.9 7	PAS S
Band4 1	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-49.8 2	PAS S
Band4 1	15MHz	QPSK	39725	1RB#0	Range2:1000~27000M Hz	-32.6 2	PAS S
Band4 1	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-49.5 8	PAS S
Band4 1	15MHz	QPSK	40620	1RB#0	Range2:1000~27000M Hz	-32.2 8	PAS S
Band4 1	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-49.8 7	PAS S
Band4 1	15MHz	QPSK	41515	1RB#0	Range2:1000~27000M Hz	-31.6 8	PAS S
Band4 1	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-50.6 2	PAS S
Band4 1	15MHz	16QAM	39725	1RB#0	Range2:1000~27000M Hz	-31.3 2	PAS S
Band4 1	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-50.0 3	PAS S
Band4 1	15MHz	16QAM	40620	1RB#0	Range2:1000~27000M Hz	-32.8 7	PAS S
Band4 1	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-49.9 6	PAS S
Band4 1	15MHz	16QAM	41515	1RB#0	Range2:1000~27000M Hz	-31.8	PAS S
Band4 1	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-51.5 8	PAS S
Band4 1	20MHz	QPSK	39750	1RB#0	Range2:1000~27000M Hz	-31.9 1	PAS S
Band4 1	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-51.4 1	PAS S

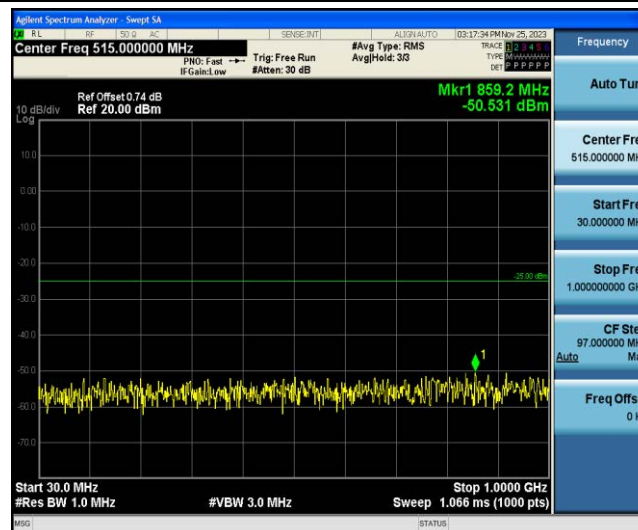
Band4 1	20MHz	QPSK	40620	1RB#0	Range2:1000~27000M Hz	-31.9 8	PAS S
Band4 1	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-51.2	PAS S
Band4 1	20MHz	QPSK	41490	1RB#0	Range2:1000~27000M Hz	-32.2 8	PAS S
Band4 1	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-51.1 7	PAS S
Band4 1	20MHz	16QAM	39750	1RB#0	Range2:1000~27000M Hz	-32.1 5	PAS S
Band4 1	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-50.3 3	PAS S
Band4 1	20MHz	16QAM	40620	1RB#0	Range2:1000~27000M Hz	-31.7 8	PAS S
Band4 1	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-51.4	PAS S
Band4 1	20MHz	16QAM	41490	1RB#0	Range2:1000~27000M Hz	-31.5 5	PAS S

Test Graphs





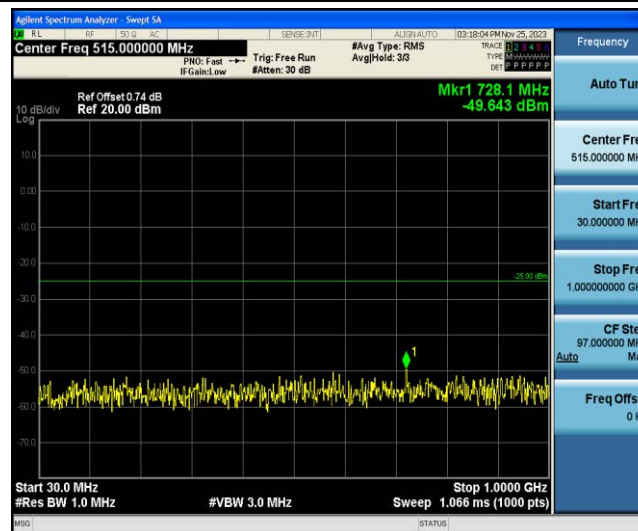
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



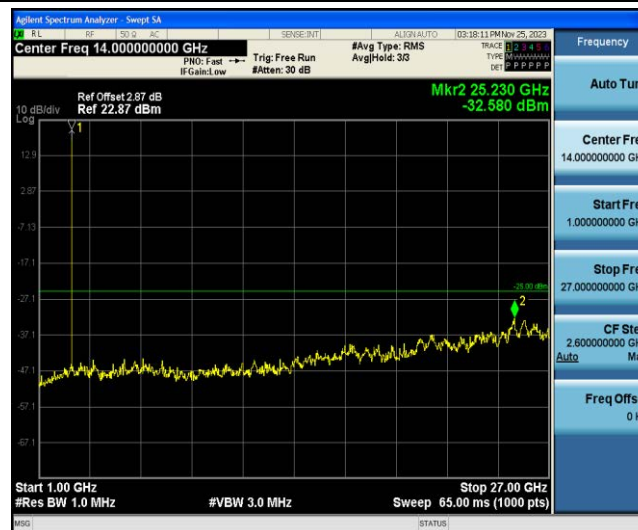
Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



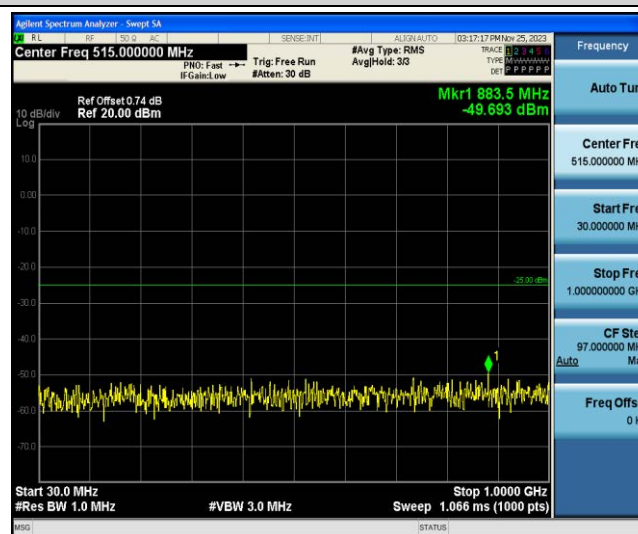
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



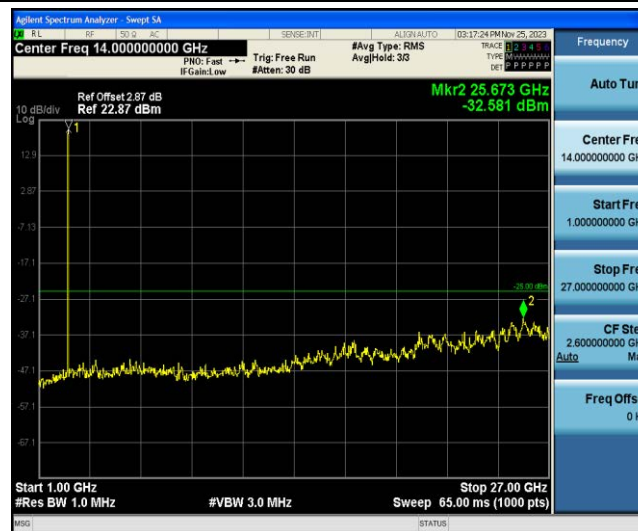
Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~27000MHz



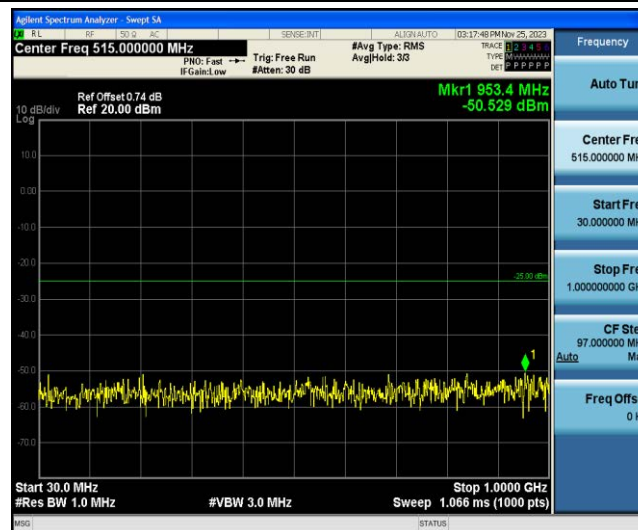
Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



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



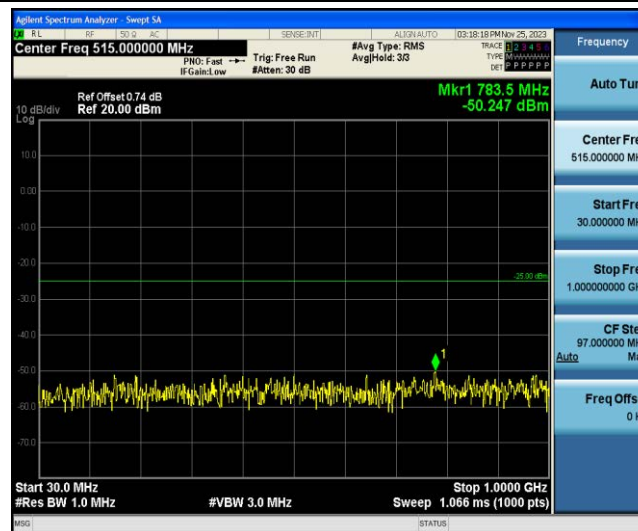
Band41-5MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



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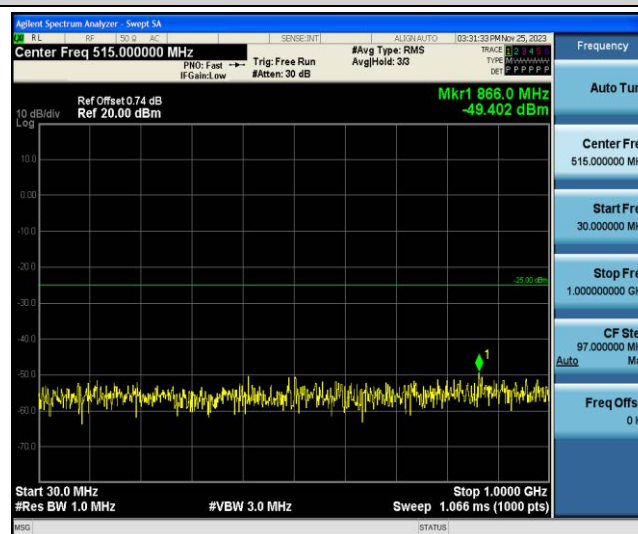
Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



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



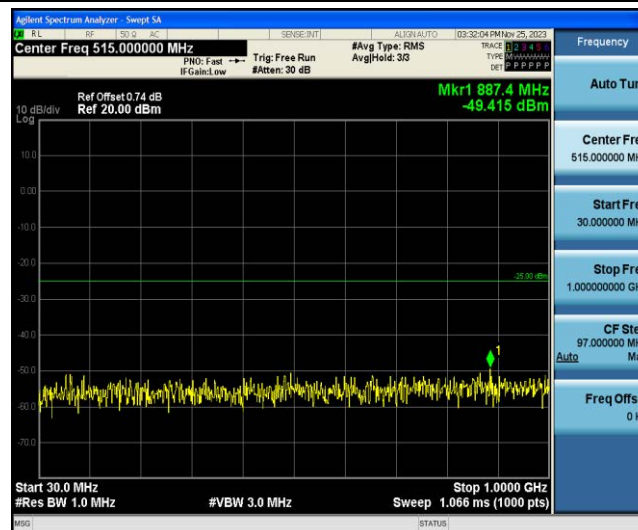
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



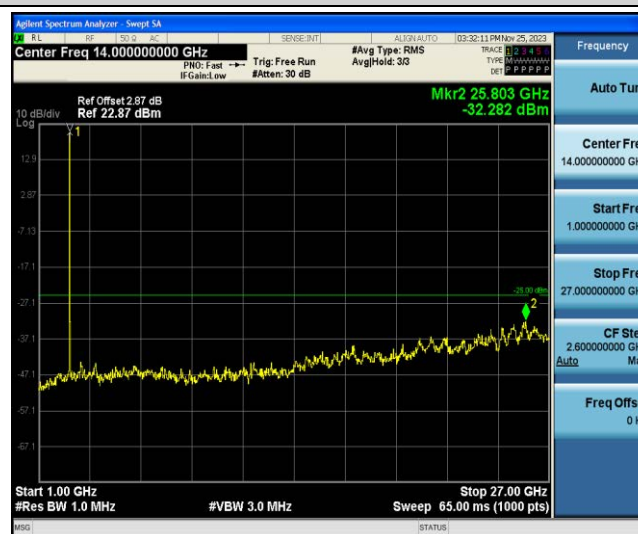
Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~27000MHz



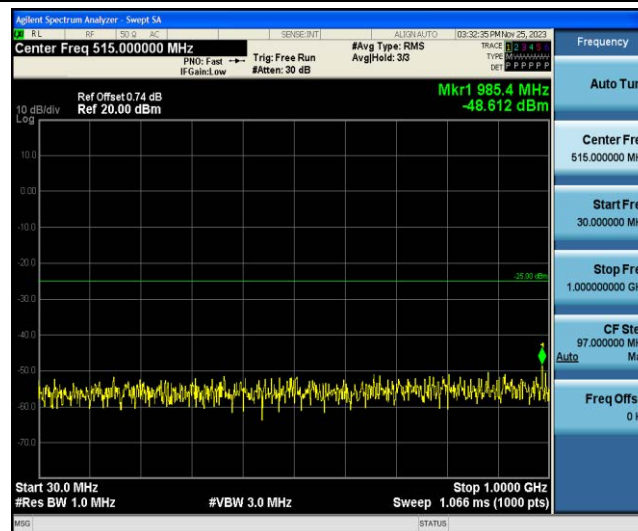
Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



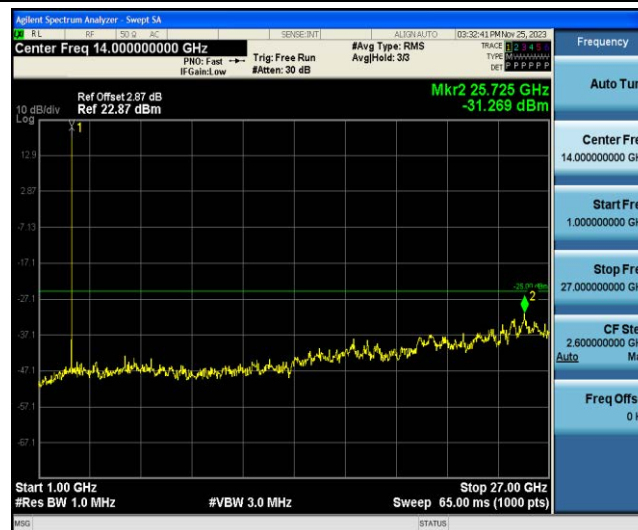
Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



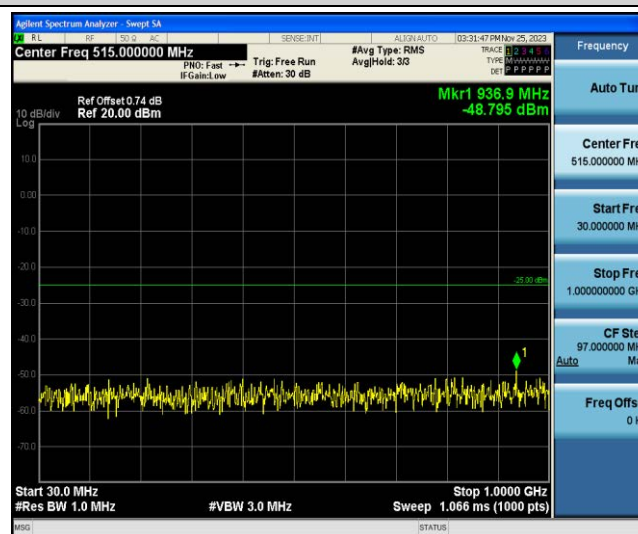
Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



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



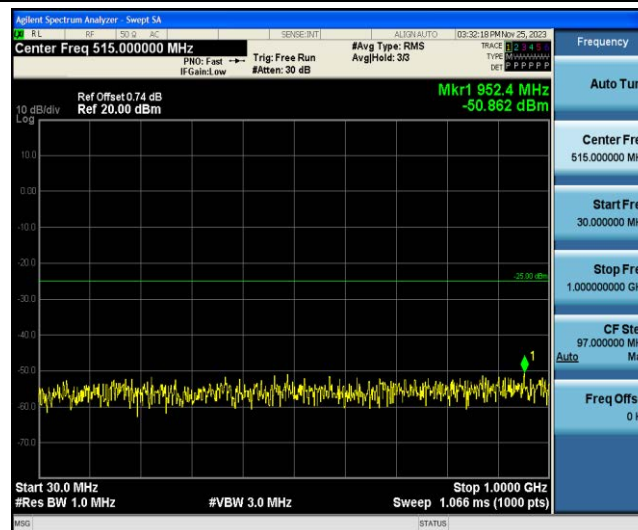
Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz



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



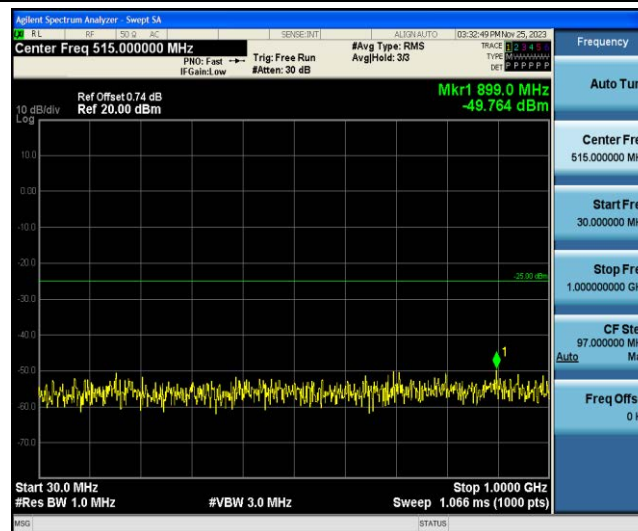
Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



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



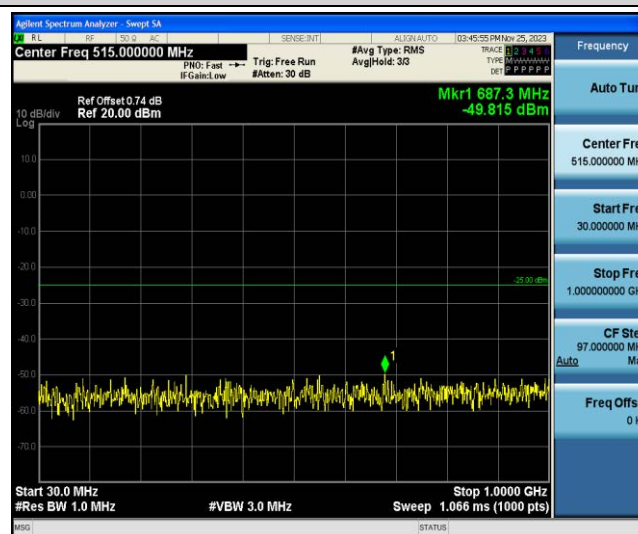
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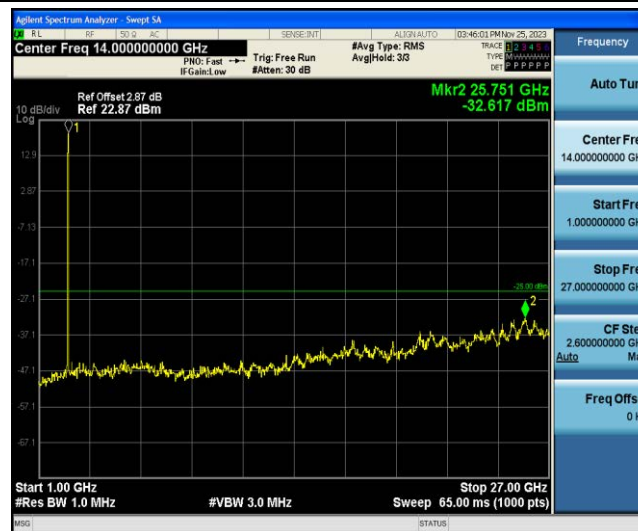
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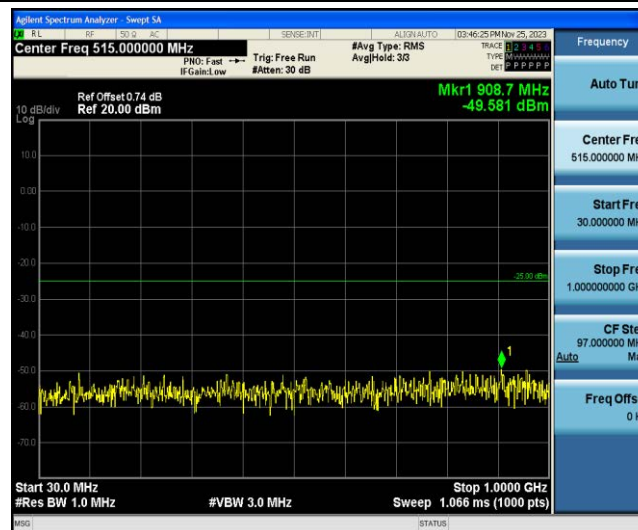
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz



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



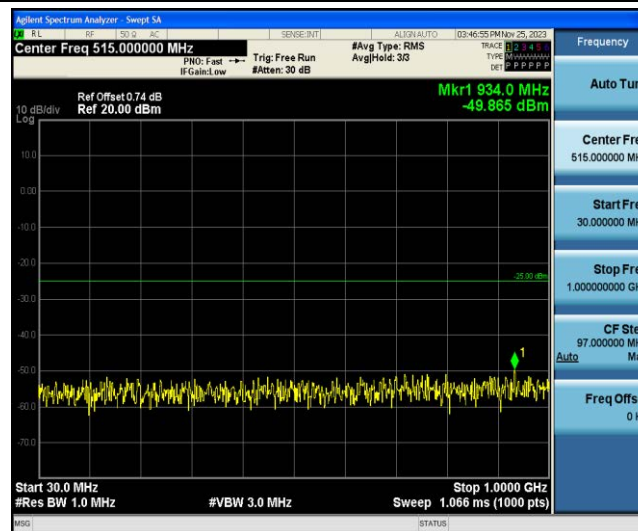
Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



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



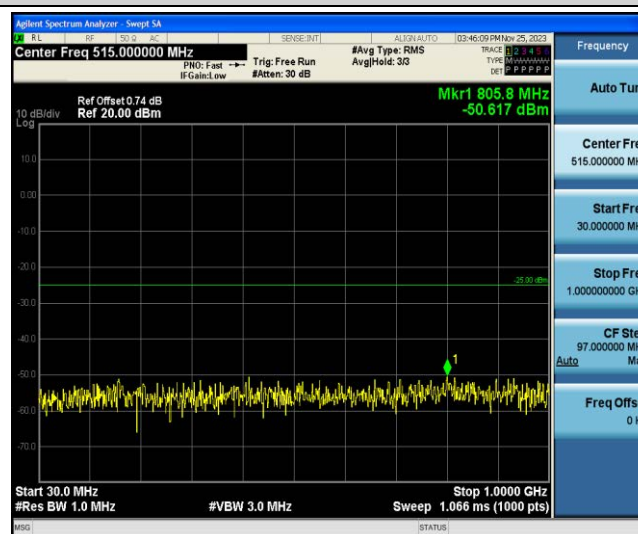
Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



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



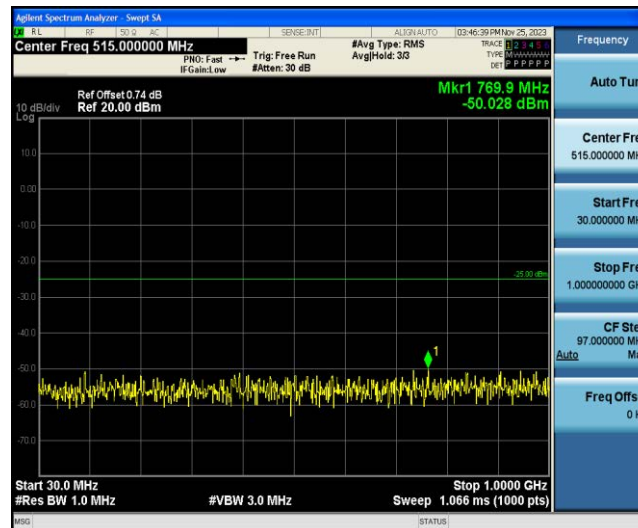
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Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~27000MHz



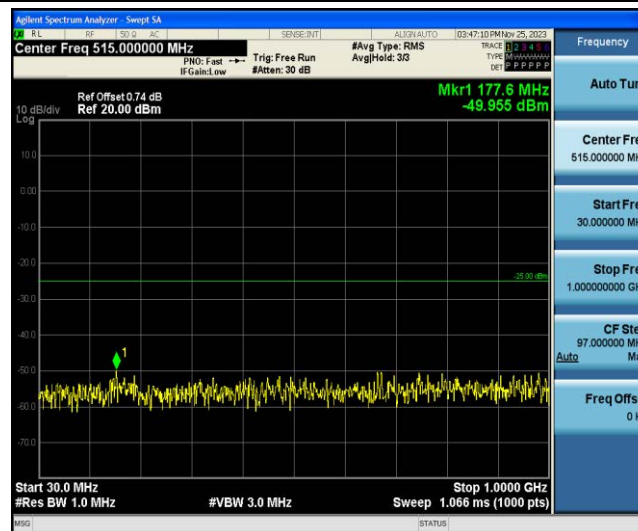
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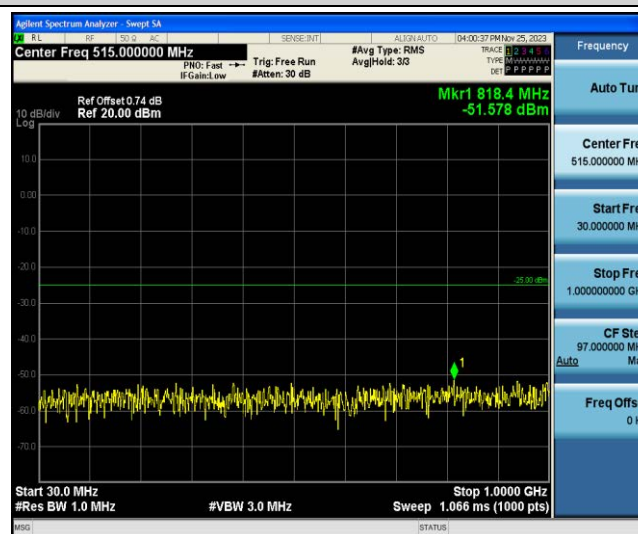
Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



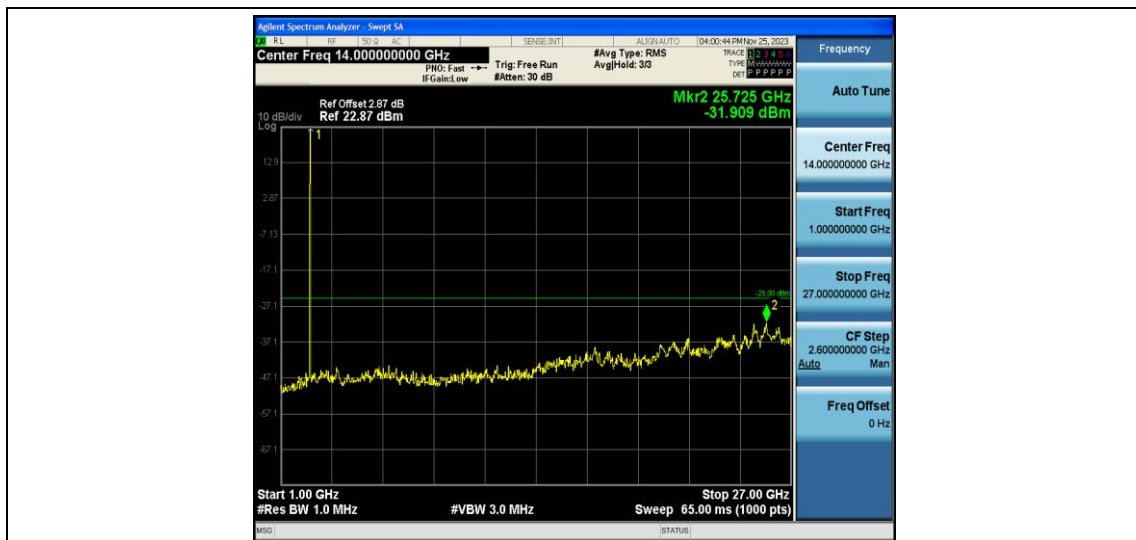
Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~27000MHz



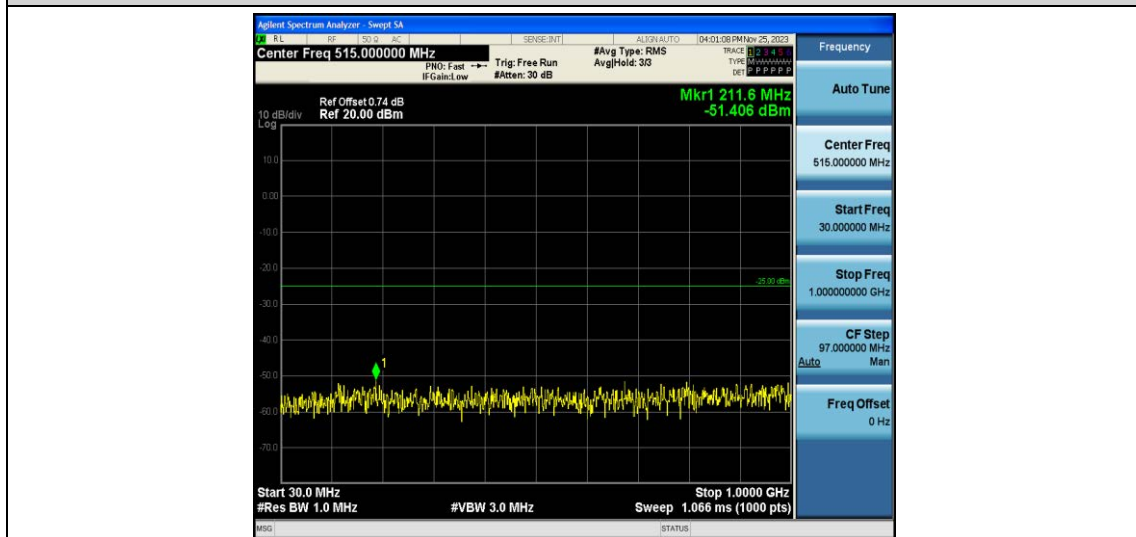
Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



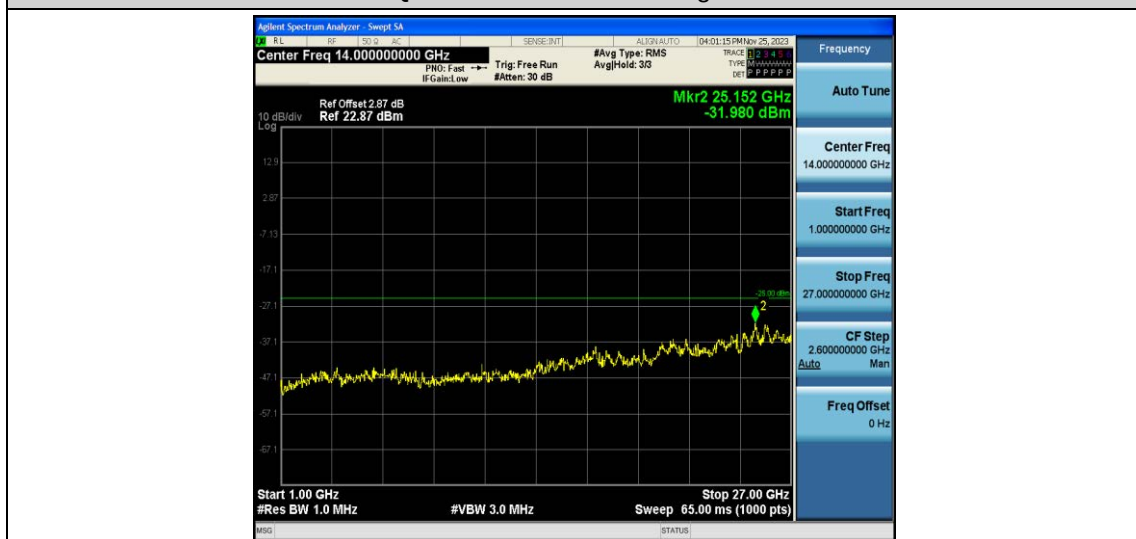
Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~27000MHz



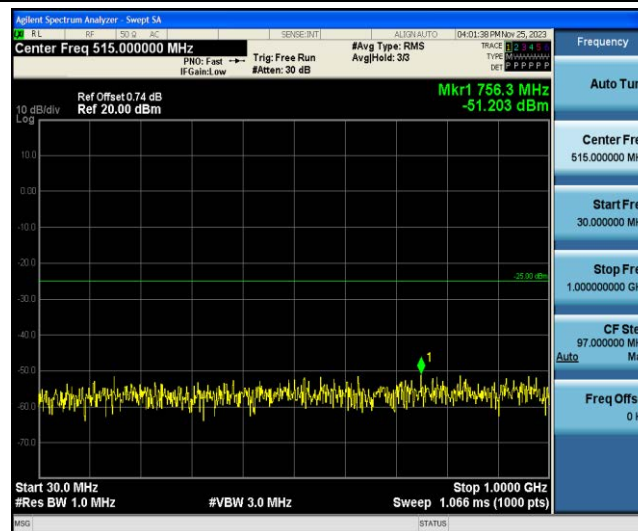
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



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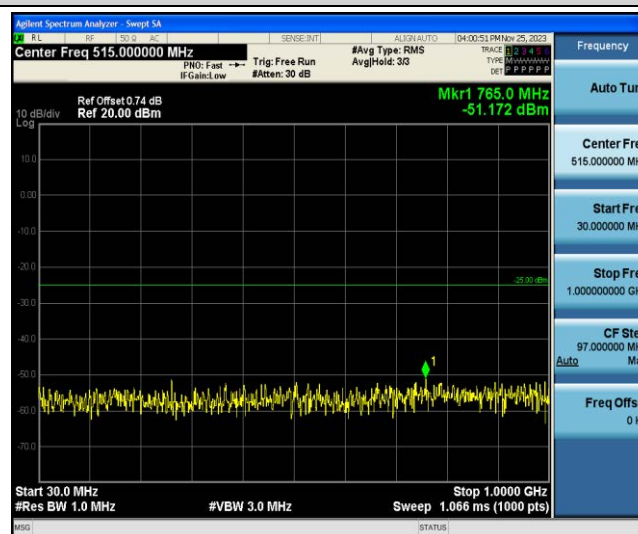
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



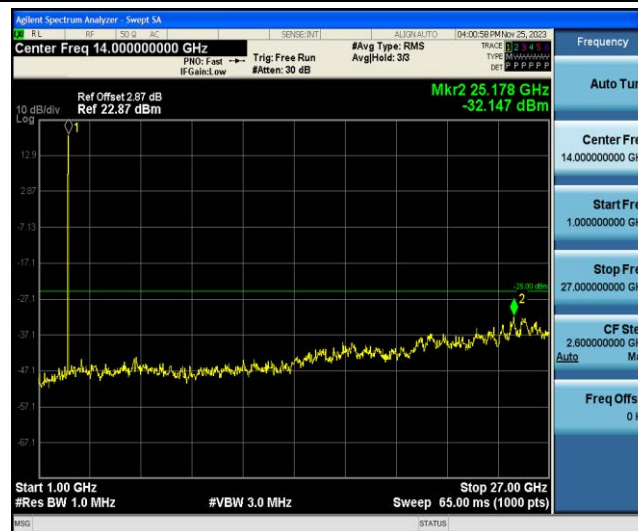
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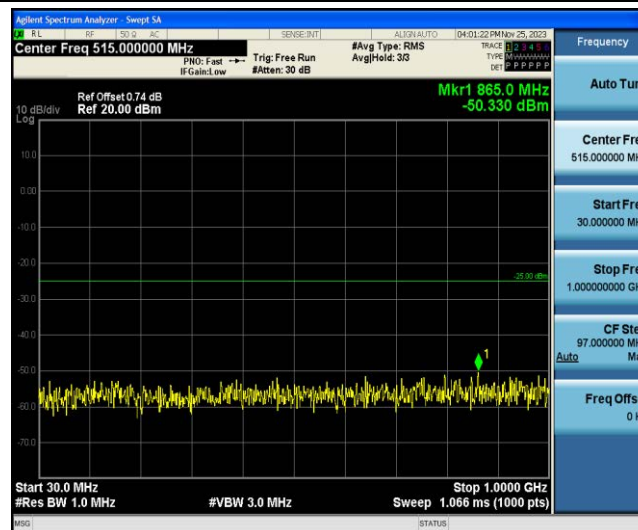
Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



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



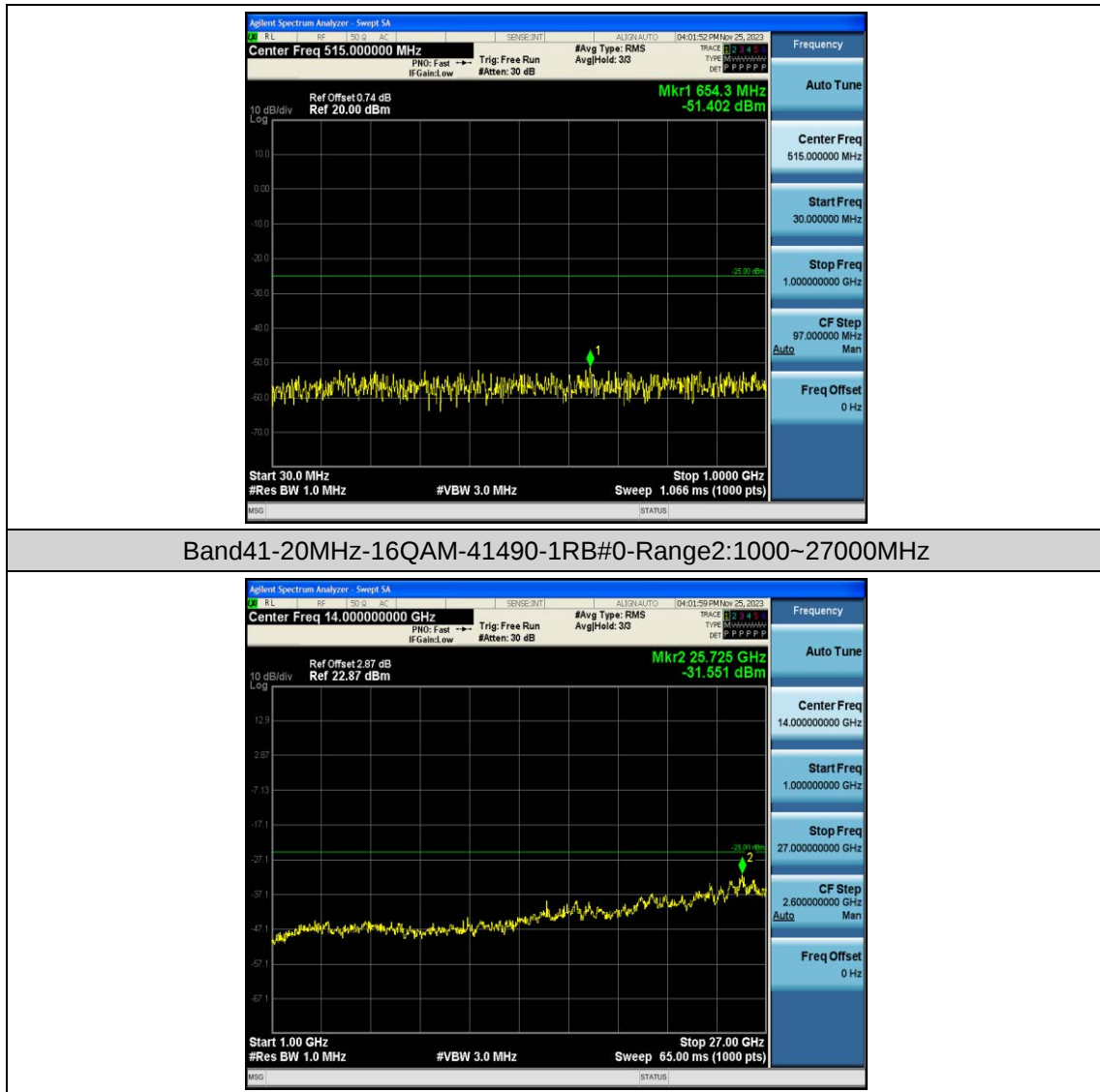
Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



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



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



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4_1	5MHz	QPSK	39675	25RB#0	VL	NT	15.02	0.006012	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VN	NT	36.09	0.014445	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VH	NT	-7.57	-0.003030	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VL	NT	28.37	0.010941	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VN	NT	41.64	0.016059	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VH	NT	24.79	0.009560	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VL	NT	27.11	0.010087	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VN	NT	32.33	0.012030	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VH	NT	10.40	0.003870	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VL	NT	-22.85	-0.009145	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VN	NT	-31.94	-0.012784	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VH	NT	-32.19	-0.012884	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VL	NT	9.71	0.003745	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VN	NT	16.01	0.006174	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VH	NT	16.92	0.006525	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VL	NT	-12.13	-0.004513	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VN	NT	-22.03	-0.008197	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VH	NT	-23.32	-0.008677	±2.5	PASS

1										
Band4 1	10MHz	QPSK	39700	50RB#0	VL	NT	-13.26	-0.005302	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VN	NT	-14.75	-0.005898	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	VH	NT	-22.22	-0.008884	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VL	NT	-17.61	-0.006791	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VN	NT	13.07	0.005040	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VH	NT	-17.47	-0.006737	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VL	NT	-21.72	-0.008089	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VN	NT	15.66	0.005832	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VH	NT	-21.47	-0.007996	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VL	NT	-10.14	-0.004054	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VN	NT	-13.07	-0.005226	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	VH	NT	-9.04	-0.003615	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VL	NT	-8.96	-0.003455	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VN	NT	-8.28	-0.003193	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	VH	NT	-10.00	-0.003857	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VL	NT	-16.51	-0.006149	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VN	NT	-14.18	-0.005281	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	VH	NT	-12.20	-0.004544	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VL	NT	-15.71	-0.006275	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VN	NT	-15.44	-0.006167	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VH	NT	-21.06	-0.008412	±2.5	PASS

Band4 1	15MHz	QPSK	40620	75RB#0	VL	NT	-12.16	-0.004690	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VN	NT	23.00	0.008870	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VH	NT	-16.72	-0.006448	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VL	NT	-27.05	-0.010084	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VN	NT	16.11	0.006006	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VH	NT	-14.05	-0.005238	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VL	NT	-16.19	-0.006467	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VN	NT	-13.85	-0.005532	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	VH	NT	-12.07	-0.004821	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VL	NT	-13.52	-0.005214	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VN	NT	-15.52	-0.005985	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	VH	NT	-13.20	-0.005091	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VL	NT	-13.48	-0.005025	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VN	NT	-11.06	-0.004123	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	VH	NT	-17.12	-0.006382	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VL	NT	-17.80	-0.007103	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VN	NT	-20.36	-0.008125	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VH	NT	-16.85	-0.006724	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VL	NT	-22.60	-0.008716	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VN	NT	13.33	0.005141	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VH	NT	-16.81	-0.006483	±2.5	PASS
Band4	20MHz	QPSK	41490	100RB#0	VL	NT	-20.20	-0.007537	±2.5	PASS

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Band4 1	20MHz	QPSK	41490	100RB#0	VN	NT	15.85	0.005914	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VH	NT	-8.98	-0.003351	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VL	NT	-10.37	-0.004138	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VN	NT	-14.95	-0.005966	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	VH	NT	-8.61	-0.003436	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VL	NT	-12.56	-0.004844	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VN	NT	-17.40	-0.006710	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	VH	NT	-13.83	-0.005334	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VL	NT	-3.85	-0.001437	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VN	NT	-12.77	-0.004765	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	VH	NT	6.41	0.002392	±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	-14.10	-0.005643	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-20	-18.84	-0.007541	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	0	-30.07	-0.012035	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	10	-21.37	-0.008553	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	20	-29.63	-0.011859	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-30	22.00	0.008484	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-20	17.27	0.006660	±2.5	PASS
Band4	5MHz	QPSK	40620	25RB#0	NV	0	22.30	0.008600	±2.5	PASS

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Band4 1	5MHz	QPSK	40620	25RB#0	NV	10	12.15	0.004686	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	20	13.75	0.005303	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-30	-12.35	-0.004595	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-20	-12.66	-0.004711	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	0	-6.61	-0.002460	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	10	-8.20	-0.003051	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	20	-15.34	-0.005708	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-30	-23.76	-0.009510	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-20	-40.35	-0.016150	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	0	-34.38	-0.013760	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	10	-26.05	-0.010426	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	20	-36.26	-0.014513	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-30	16.51	0.006367	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-20	17.14	0.006610	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	0	13.65	0.005264	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	10	8.23	0.003174	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	20	10.83	0.004177	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-30	-21.36	-0.007948	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-20	-21.76	-0.008097	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	0	-11.86	-0.004413	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	10	-17.08	-0.006355	±2.5	PASS

Band4 1	5MHz	16QAM	41565	25RB#0	NV	20	-20.44	-0.007606	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-30	-12.00	-0.004798	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-20	-15.86	-0.006341	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	0	-16.81	-0.006721	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	10	-12.35	-0.004938	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	20	-11.29	-0.004514	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-30	-9.17	-0.003536	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-20	-12.52	-0.004828	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	0	3.85	0.001485	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	10	6.82	0.002630	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	20	5.95	0.002295	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-30	-18.51	-0.006894	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-20	-16.32	-0.006078	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	0	-17.77	-0.006618	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	10	-13.58	-0.005058	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	20	-15.58	-0.005803	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	-30	-10.10	-0.004038	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	-20	-3.69	-0.001475	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	0	-4.81	-0.001923	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	10	-10.89	-0.004354	±2.5	PASS
Band4 1	10MHz	16QAM	39700	50RB#0	NV	20	-10.43	-0.004170	±2.5	PASS
Band4	10MHz	16QAM	40620	50RB#0	NV	-30	-12.65	-0.004879	±2.5	PASS

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Band4 1	10MHz	16QAM	40620	50RB#0	NV	-20	-13.69	-0.005280	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	0	-8.10	-0.003124	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	10	-15.36	-0.005924	±2.5	PASS
Band4 1	10MHz	16QAM	40620	50RB#0	NV	20	2.85	0.001099	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-30	-8.23	-0.003065	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	-20	-11.97	-0.004458	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	0	-14.19	-0.005285	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	10	-12.26	-0.004566	±2.5	PASS
Band4 1	10MHz	16QAM	41540	50RB#0	NV	20	-6.90	-0.002570	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-30	-16.59	-0.006627	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-20	-13.06	-0.005217	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	0	-20.34	-0.008125	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	10	-15.59	-0.006227	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	20	-13.28	-0.005305	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	-30	-17.19	-0.006629	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	-20	-18.14	-0.006996	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	0	-13.75	-0.005303	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	10	-11.12	-0.004288	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	20	-13.30	-0.005129	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-30	-18.91	-0.007049	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-20	-18.60	-0.006934	±2.5	PASS

Band4 1	15MHz	QPSK	41515	75RB#0	NV	0	-21.44	-0.007993	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	10	-12.77	-0.004760	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	20	-15.05	-0.005610	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-30	-15.82	-0.006319	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	-20	-12.35	-0.004933	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	0	-11.57	-0.004622	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	10	-10.80	-0.004314	±2.5	PASS
Band4 1	15MHz	16QAM	39725	75RB#0	NV	20	-13.28	-0.005305	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-30	-8.21	-0.003166	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	-20	-5.34	-0.002059	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	0	-9.21	-0.003552	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	10	-14.32	-0.005523	±2.5	PASS
Band4 1	15MHz	16QAM	40620	75RB#0	NV	20	-13.96	-0.005384	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	-30	-14.12	-0.005264	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	-20	-12.02	-0.004481	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	0	-8.14	-0.003034	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	10	-16.62	-0.006196	±2.5	PASS
Band4 1	15MHz	16QAM	41515	75RB#0	NV	20	-16.49	-0.006147	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-30	-18.12	-0.007231	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-20	-15.76	-0.006289	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	0	-19.25	-0.007682	±2.5	PASS
Band4	20MHz	QPSK	39750	100RB#0	NV	10	-17.32	-0.006911	±2.5	PASS

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Band4 1	20MHz	QPSK	39750	100RB#0	NV	20	-17.52	-0.006991	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-30	-18.17	-0.007007	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-20	-9.96	-0.003841	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	0	-13.52	-0.005214	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	10	-12.60	-0.004859	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	20	-20.74	-0.007998	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-30	3.43	0.001280	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-20	-17.09	-0.006377	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	0	-12.35	-0.004608	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	10	-18.11	-0.006757	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	20	-11.53	-0.004302	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	-30	-16.99	-0.006780	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	-20	-11.50	-0.004589	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	0	-11.06	-0.004413	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	10	-15.74	-0.006281	±2.5	PASS
Band4 1	20MHz	16QAM	39750	100RB#0	NV	20	-20.41	-0.008144	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-30	-17.61	-0.006791	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	-20	-16.45	-0.006344	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	0	-9.41	-0.003629	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	10	-4.99	-0.001924	±2.5	PASS
Band4 1	20MHz	16QAM	40620	100RB#0	NV	20	-14.75	-0.005688	±2.5	PASS

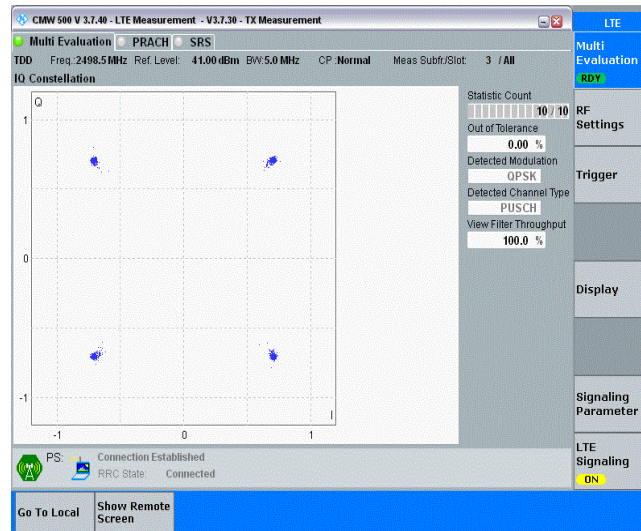
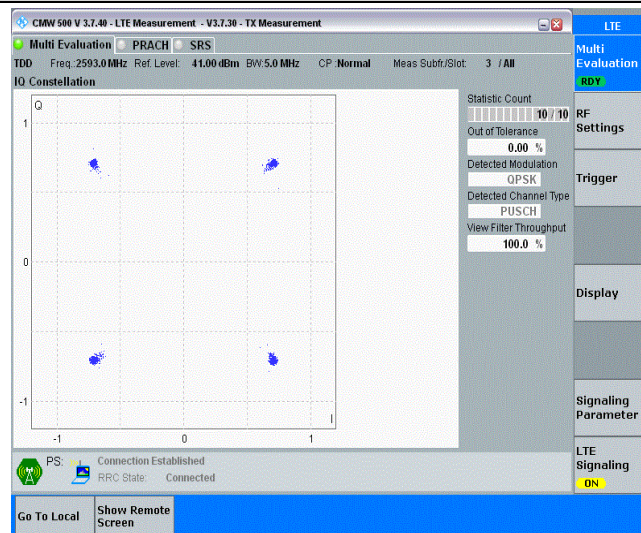
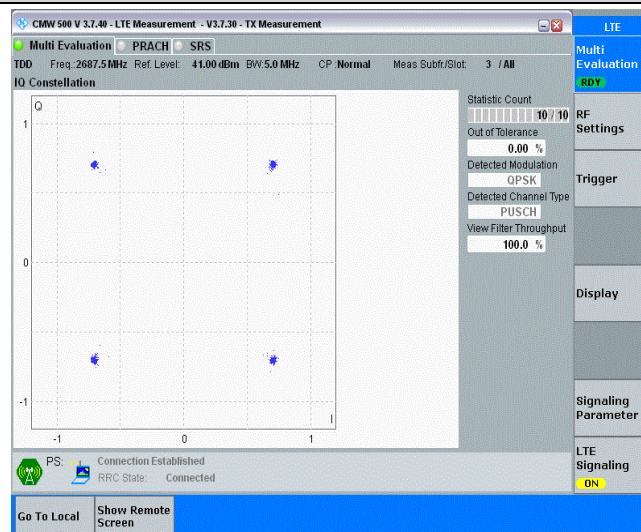
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-30	-7.02	-0.002619	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	-20	-9.51	-0.003549	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	0	-6.71	-0.002504	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	10	-6.90	-0.002575	±2.5	PASS
Band4 1	20MHz	16QAM	41490	100RB#0	NV	20	-7.11	-0.002653	±2.5	PASS

Appendix G: Modulation Characteristics

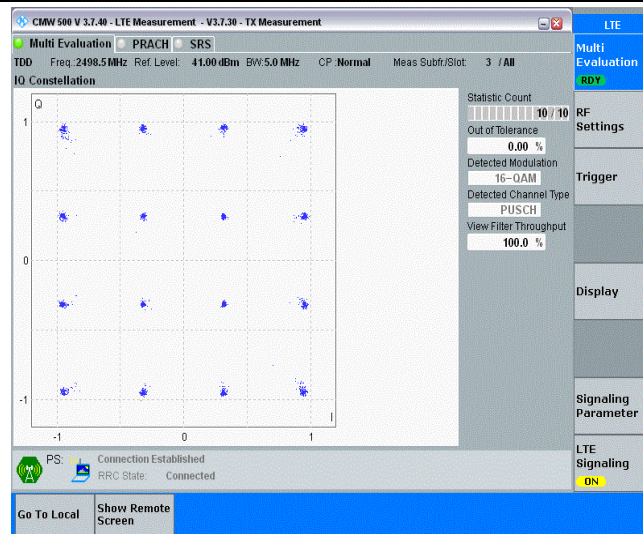
Test Result

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

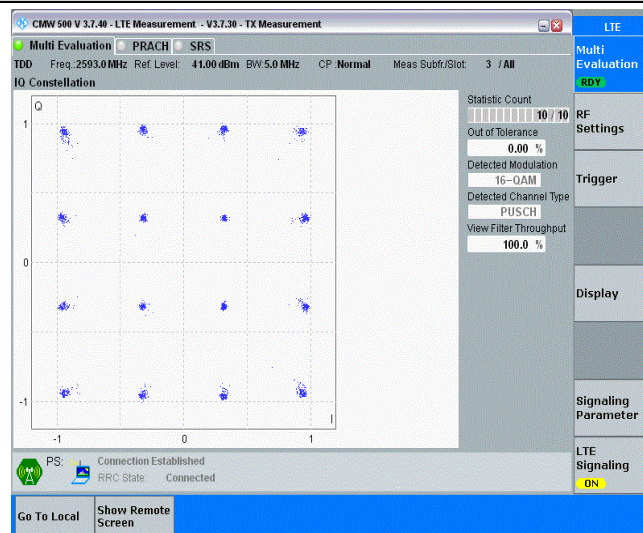
Test Graphs

Band41-5MHz-QPSK-39675-25RB#0**Band41-5MHz-QPSK-40620-25RB#0****Band41-5MHz-QPSK-41565-25RB#0**

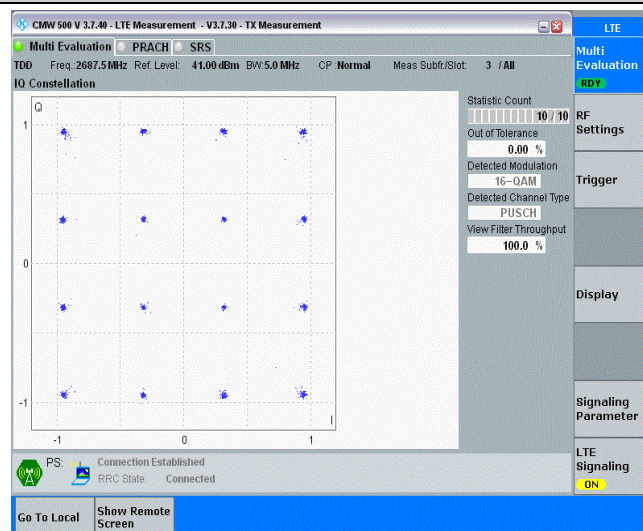
Band41-5MHz-16QAM-39675-25RB#0



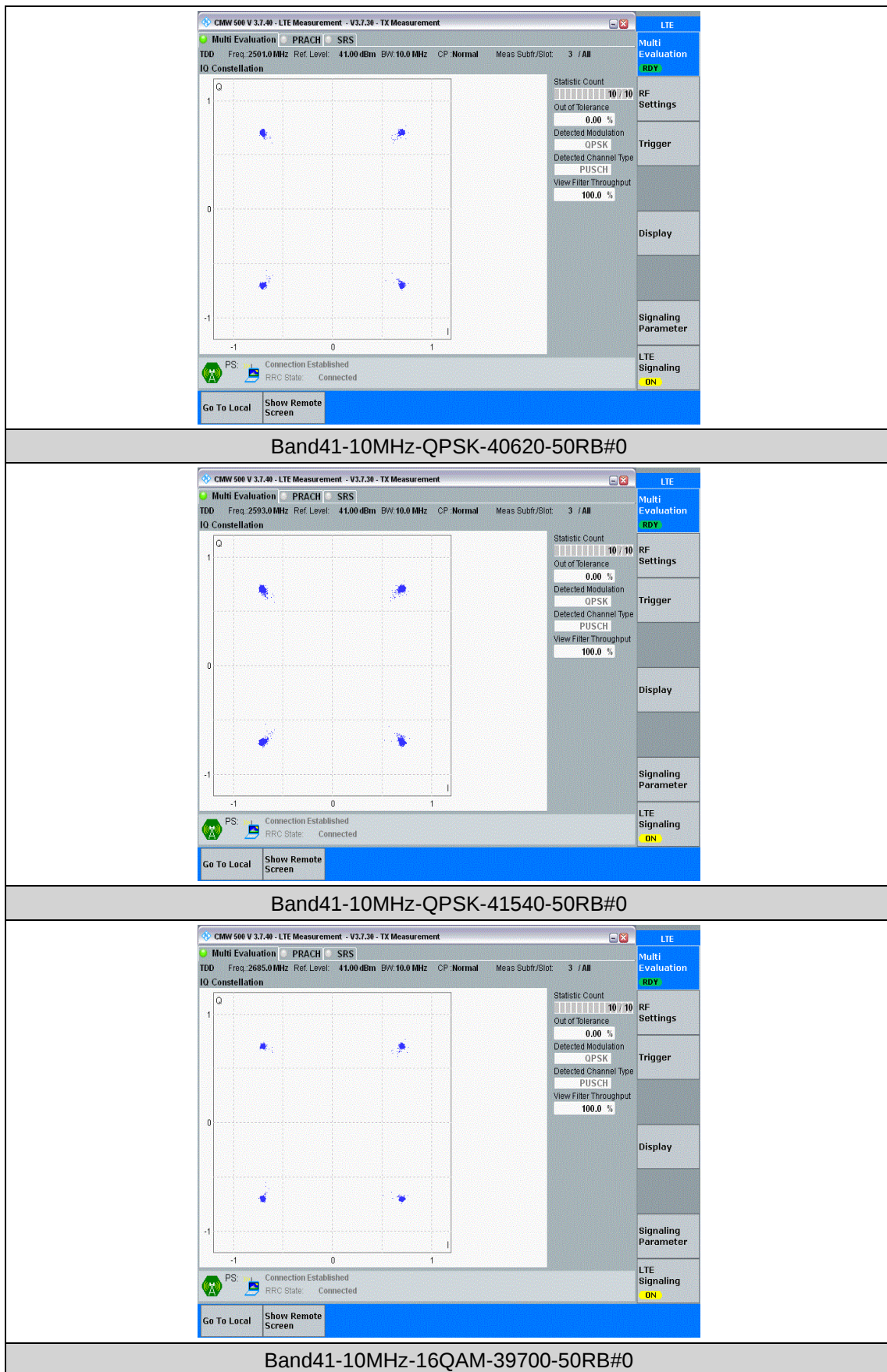
Band41-5MHz-16QAM-40620-25RB#0

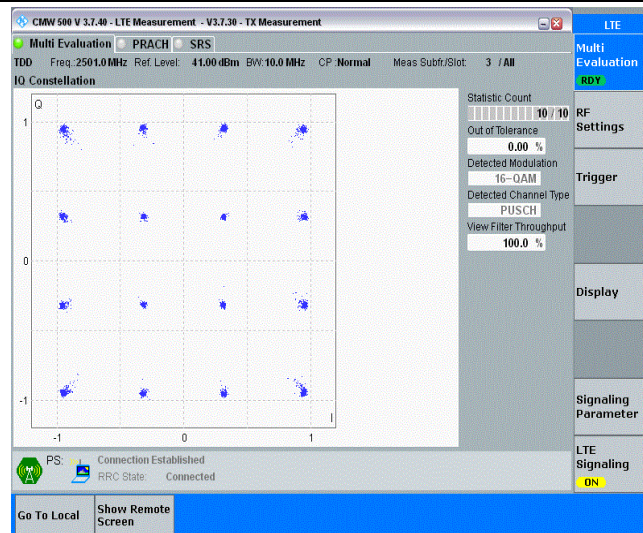


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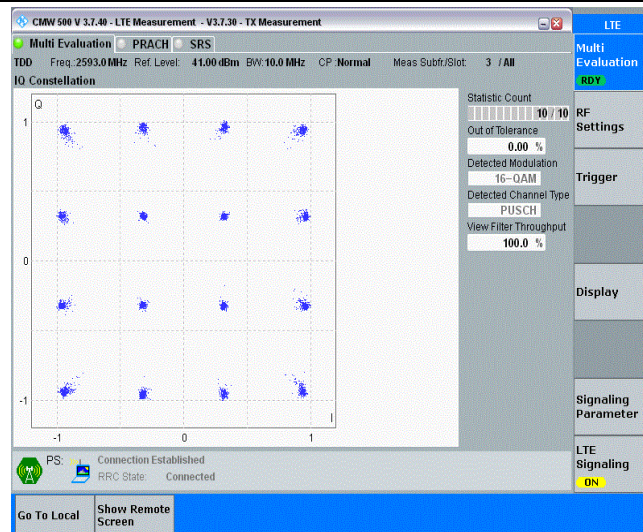


Band41-10MHz-QPSK-39700-50RB#0

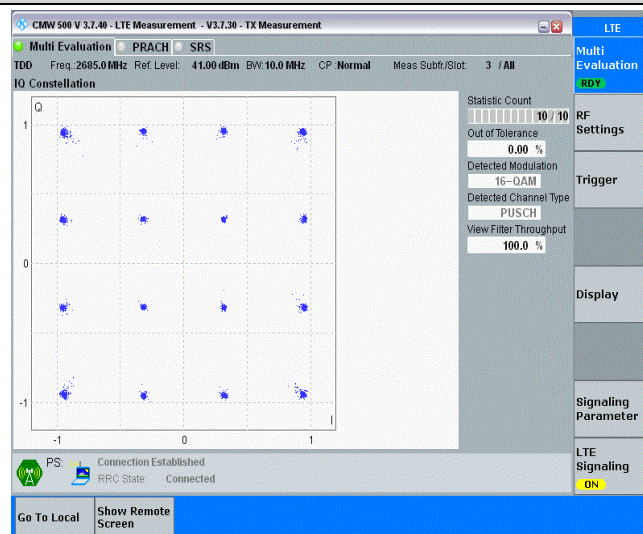




Band41-10MHz-16QAM-40620-50RB#0



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



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