



Band71-20MHz-QPSK-133222-1RB#0



Band71-20MHz-QPSK-133222-1RB#99



Band71-20MHz-QPSK-133222-100RB#0



Band71-20MHz-QPSK-133372-1RB#0



Band71-20MHz-QPSK-133372-1RB#99



Band71-20MHz-QPSK-133372-100RB#0



Band71-20MHz-16QAM-133222-1RB#0



Band71-20MHz-16QAM-133222-1RB#99



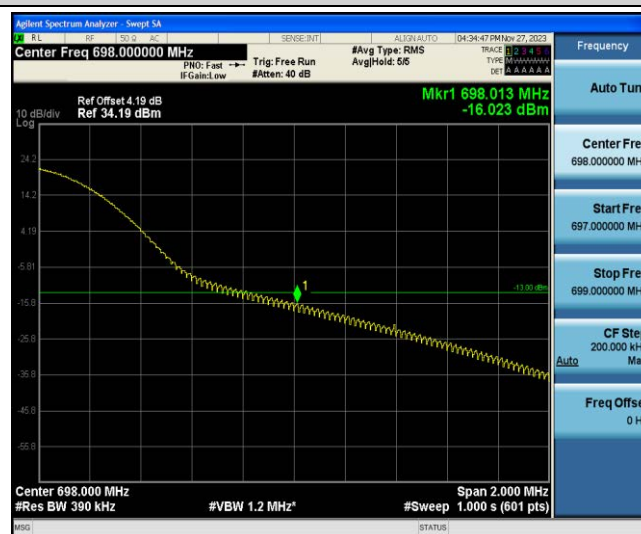
Band71-20MHz-16QAM-133222-100RB#0



Band71-20MHz-16QAM-133372-1RB#0



Band71-20MHz-16QAM-133372-1RB#99



Band71-20MHz-16QAM-133372-100RB#0



Appendix E: Conducted Spurious Emission

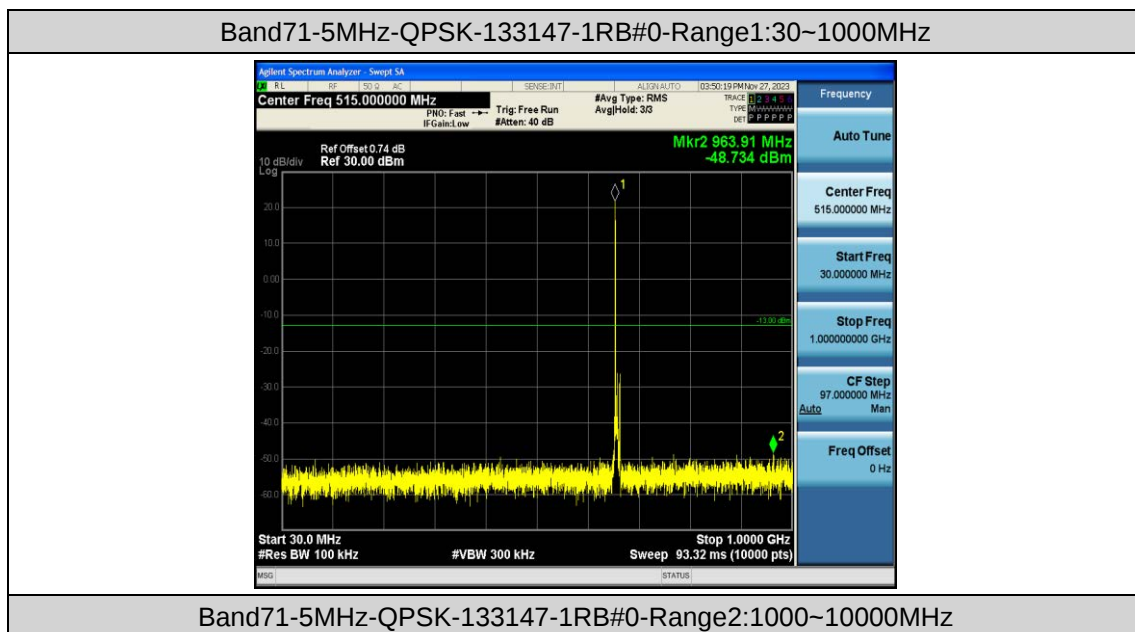
Test Result

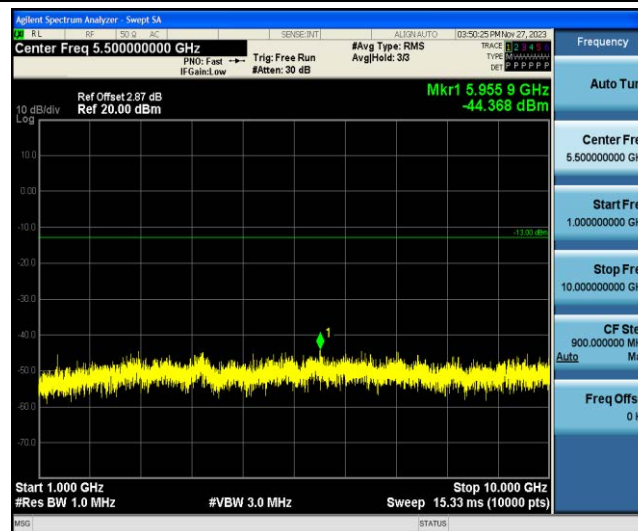
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7 1	5MHz	QPSK	13314 7	1RB#0	Range1:30~1000MHz	-48.7 3	PAS S
Band7 1	5MHz	QPSK	13314 7	1RB#0	Range2:1000~10000M Hz	-44.3 7	PAS S
Band7 1	5MHz	QPSK	13329 7	1RB#0	Range1:30~1000MHz	-48.9 2	PAS S
Band7 1	5MHz	QPSK	13329 7	1RB#0	Range2:1000~10000M Hz	-44.4 2	PAS S
Band7 1	5MHz	QPSK	13344 7	1RB#0	Range1:30~1000MHz	-48.6	PAS S
Band7 1	5MHz	QPSK	13344 7	1RB#0	Range2:1000~10000M Hz	-39.5 9	PAS S
Band7 1	5MHz	16QAM	13314 7	1RB#0	Range1:30~1000MHz	-48.5 6	PAS S
Band7 1	5MHz	16QAM	13314 7	1RB#0	Range2:1000~10000M Hz	-43.9 9	PAS S
Band7 1	5MHz	16QAM	13329 7	1RB#0	Range1:30~1000MHz	-49.2 8	PAS S
Band7 1	5MHz	16QAM	13329 7	1RB#0	Range2:1000~10000M Hz	-44.2 5	PAS S
Band7 1	5MHz	16QAM	13344 7	1RB#0	Range1:30~1000MHz	-49	PAS S
Band7 1	5MHz	16QAM	13344 7	1RB#0	Range2:1000~10000M Hz	-44.0 9	PAS S
Band7 1	10MHz	QPSK	13317 2	1RB#0	Range1:30~1000MHz	-50.0 2	PAS S
Band7 1	10MHz	QPSK	13317 2	1RB#0	Range2:1000~10000M Hz	-42.0 7	PAS S
Band7 1	10MHz	QPSK	13329 7	1RB#0	Range1:30~1000MHz	-49.2 2	PAS S
Band7 1	10MHz	QPSK	13329 7	1RB#0	Range2:1000~10000M Hz	-42.6 9	PAS S
Band7 1	10MHz	QPSK	13342 2	1RB#0	Range1:30~1000MHz	-49.7 4	PAS S
Band7	10MHz	QPSK	13342	1RB#0	Range2:1000~10000M	-43.9	PAS

1			2		Hz	9	S
Band7 1	10MHz	16QAM	13317 2	1RB#0	Range1:30~1000MHz	-49.0 1	PAS S
Band7 1	10MHz	16QAM	13317 2	1RB#0	Range2:1000~10000M Hz	-44.2 7	PAS S
Band7 1	10MHz	16QAM	13329 7	1RB#0	Range1:30~1000MHz	-48.8 3	PAS S
Band7 1	10MHz	16QAM	13329 7	1RB#0	Range2:1000~10000M Hz	-43.0 1	PAS S
Band7 1	10MHz	16QAM	13342 2	1RB#0	Range1:30~1000MHz	-49.9 7	PAS S
Band7 1	10MHz	16QAM	13342 2	1RB#0	Range2:1000~10000M Hz	-42.3 2	PAS S
Band7 1	15MHz	QPSK	13319 7	1RB#0	Range1:30~1000MHz	-49.8 1	PAS S
Band7 1	15MHz	QPSK	13319 7	1RB#0	Range2:1000~10000M Hz	-44.2 3	PAS S
Band7 1	15MHz	QPSK	13329 7	1RB#0	Range1:30~1000MHz	-49.9 7	PAS S
Band7 1	15MHz	QPSK	13329 7	1RB#0	Range2:1000~10000M Hz	-44.0 7	PAS S
Band7 1	15MHz	QPSK	13339 7	1RB#0	Range1:30~1000MHz	-49.9 7	PAS S
Band7 1	15MHz	QPSK	13339 7	1RB#0	Range2:1000~10000M Hz	-40.0 4	PAS S
Band7 1	15MHz	16QAM	13319 7	1RB#0	Range1:30~1000MHz	-49.0 4	PAS S
Band7 1	15MHz	16QAM	13319 7	1RB#0	Range2:1000~10000M Hz	-42.4 8	PAS S
Band7 1	15MHz	16QAM	13329 7	1RB#0	Range1:30~1000MHz	-49.7 1	PAS S
Band7 1	15MHz	16QAM	13329 7	1RB#0	Range2:1000~10000M Hz	-44 1	PAS S
Band7 1	15MHz	16QAM	13339 7	1RB#0	Range1:30~1000MHz	-49.7 3	PAS S
Band7 1	15MHz	16QAM	13339 7	1RB#0	Range2:1000~10000M Hz	-44.0 5	PAS S
Band7 1	20MHz	QPSK	13322 2	1RB#0	Range1:30~1000MHz	-49.2 1	PAS S
Band7 1	20MHz	QPSK	13322 2	1RB#0	Range2:1000~10000M Hz	-44.2 9	PAS S
Band7 1	20MHz	QPSK	13332 2	1RB#0	Range1:30~1000MHz	-49.5 5	PAS S

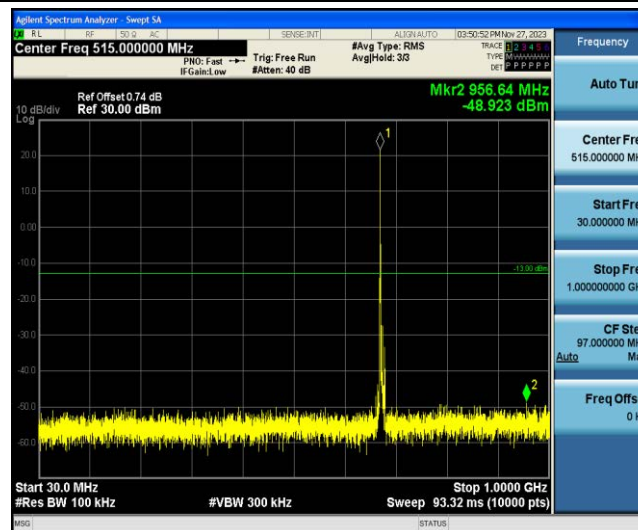
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Band7 1	20MHz	QPSK	13337 2	1RB#0	Range1:30~1000MHz	-48.8 7	PAS S
Band7 1	20MHz	QPSK	13337 2	1RB#0	Range2:1000~10000M Hz	-41.2 2	PAS S
Band7 1	20MHz	16QAM	13322 2	1RB#0	Range1:30~1000MHz	-49.2 7	PAS S
Band7 1	20MHz	16QAM	13322 2	1RB#0	Range2:1000~10000M Hz	-39.7 3	PAS S
Band7 1	20MHz	16QAM	13332 2	1RB#0	Range1:30~1000MHz	-48.6	PAS S
Band7 1	20MHz	16QAM	13332 2	1RB#0	Range2:1000~10000M Hz	-43.9 8	PAS S
Band7 1	20MHz	16QAM	13337 2	1RB#0	Range1:30~1000MHz	-48.8 9	PAS S
Band7 1	20MHz	16QAM	13337 2	1RB#0	Range2:1000~10000M Hz	-41.0 2	PAS S

Test Graphs

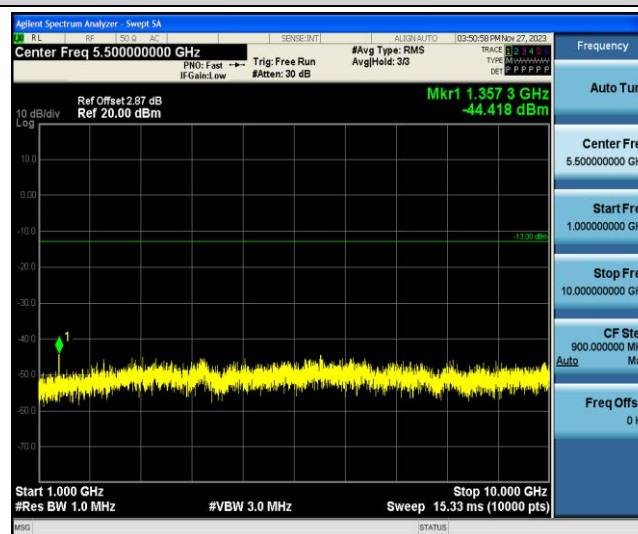




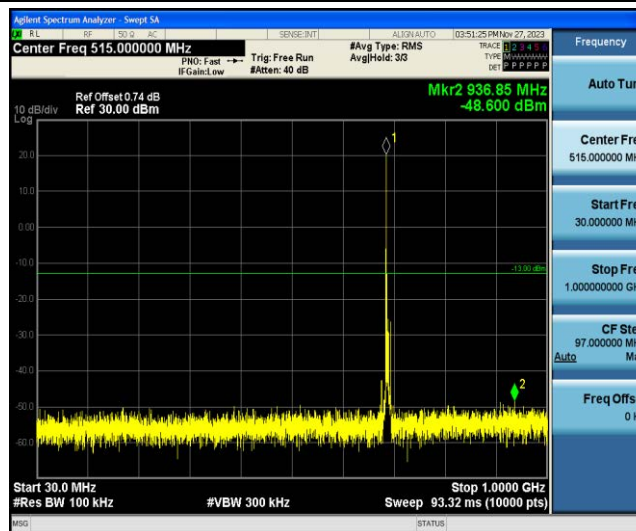
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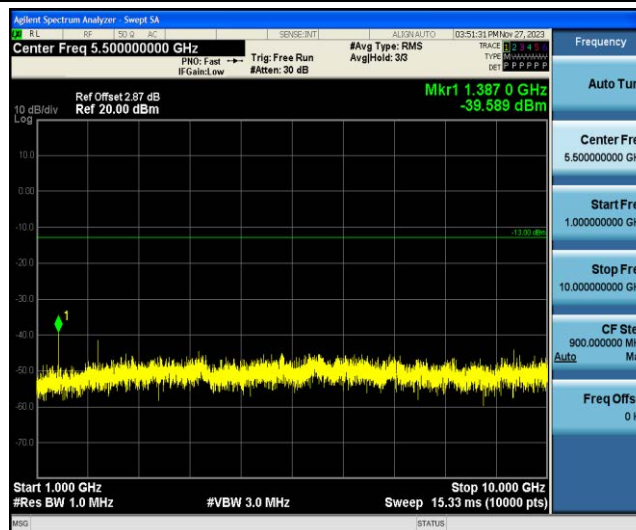
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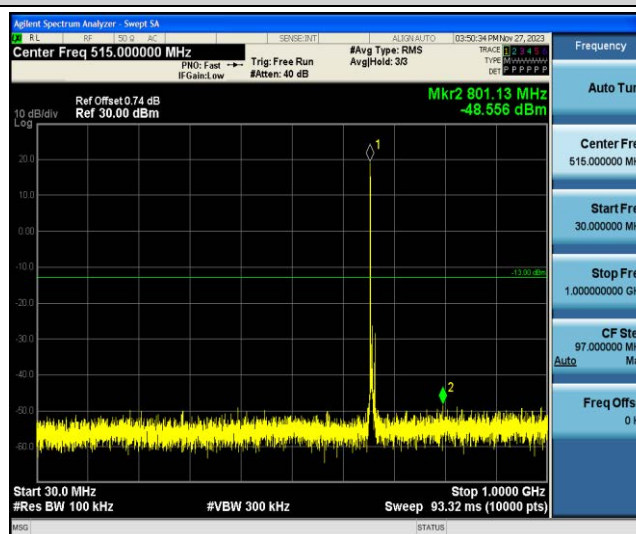
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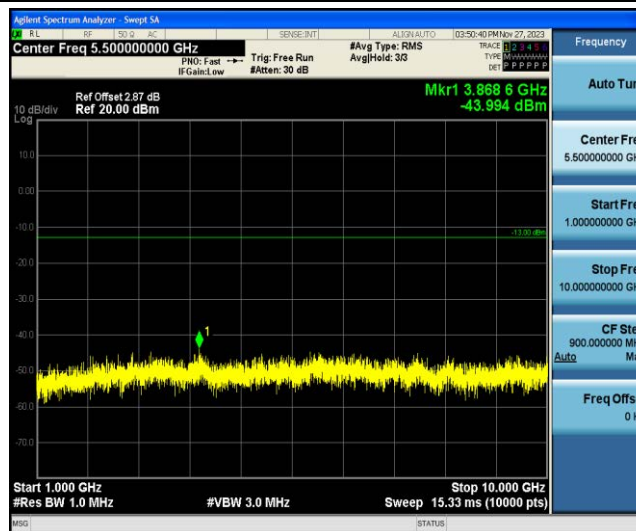
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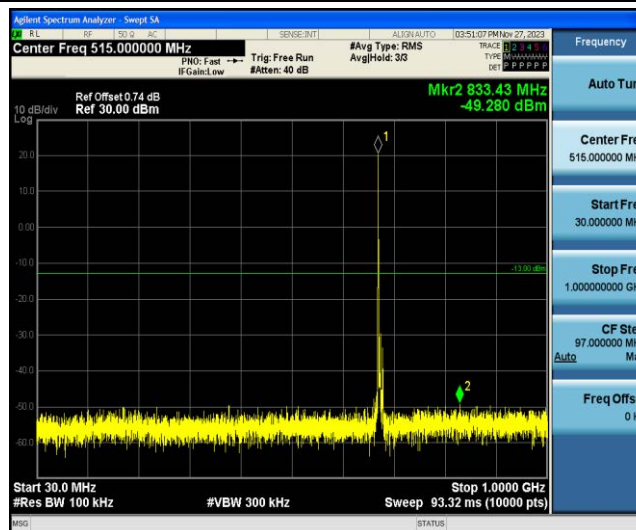
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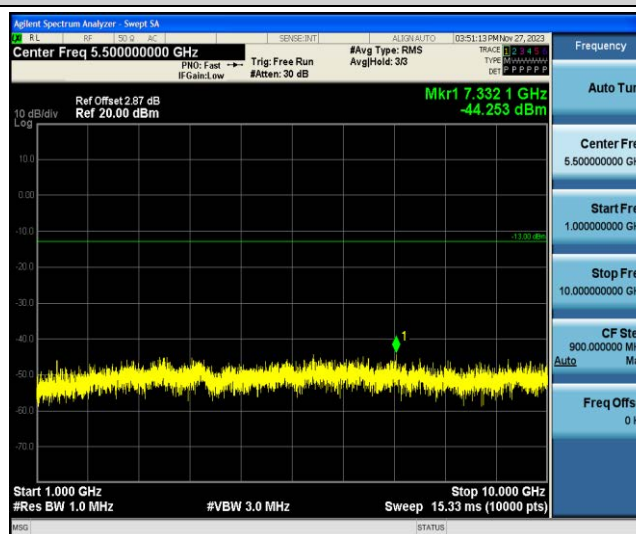
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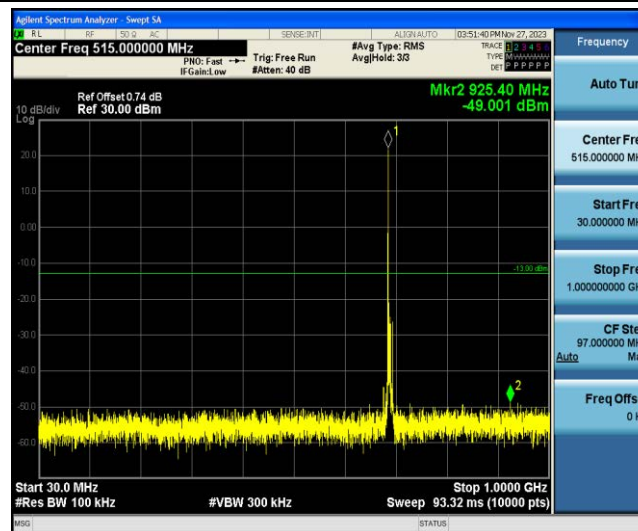
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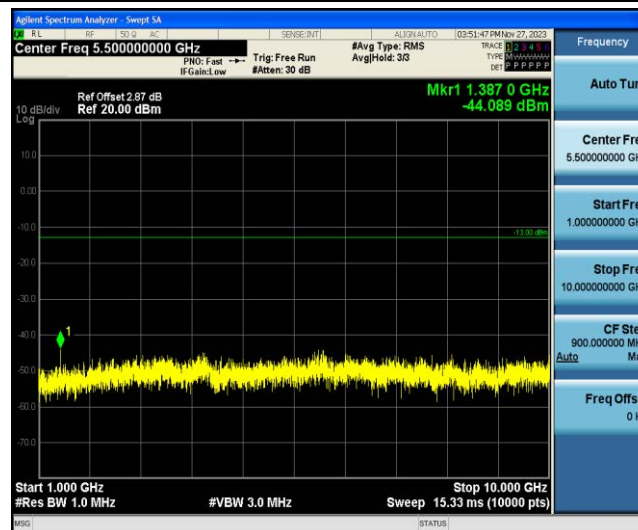
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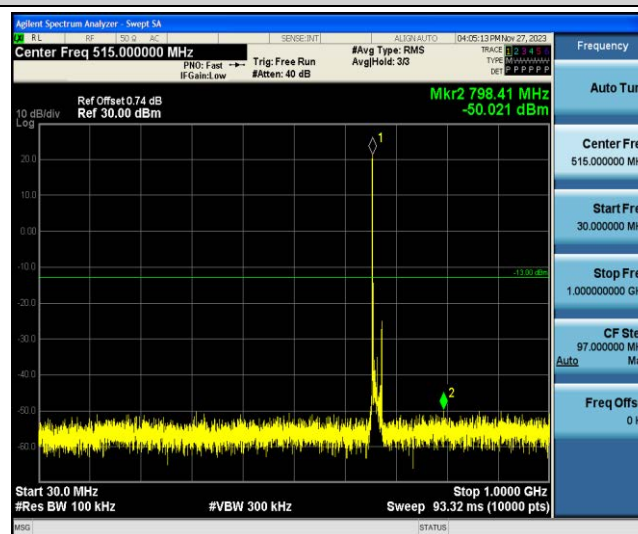
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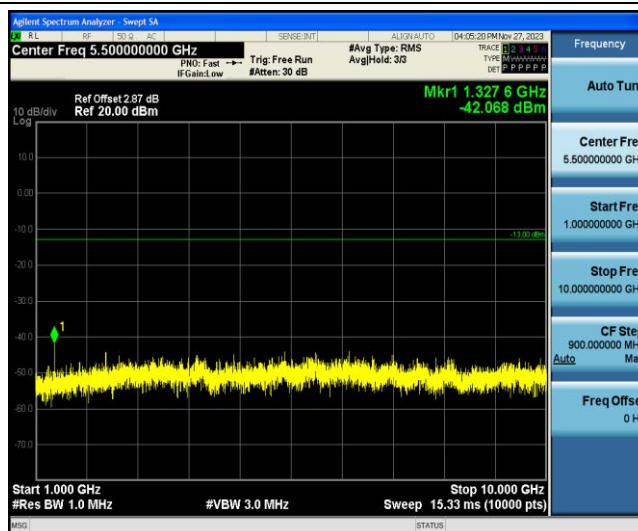
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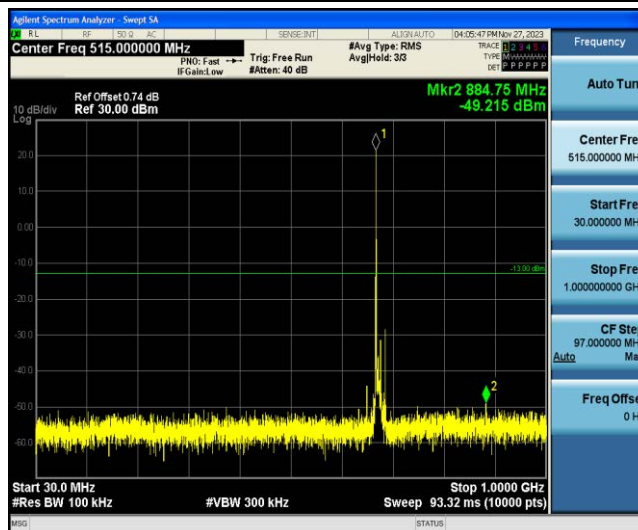
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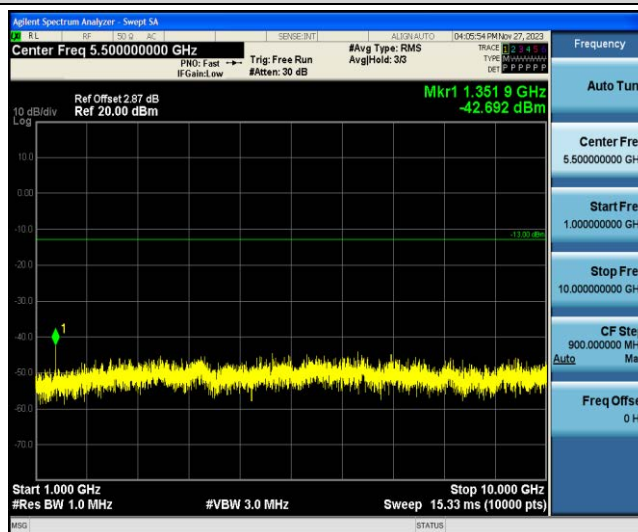
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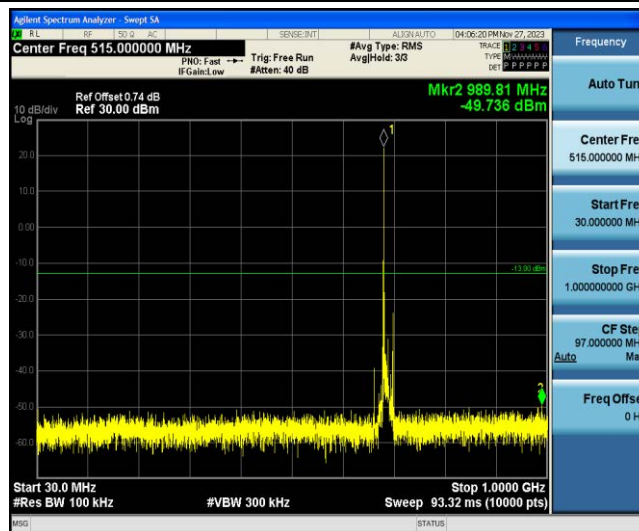
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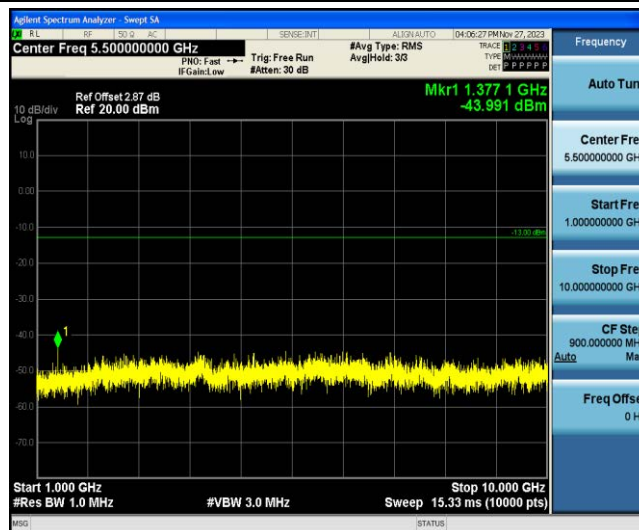
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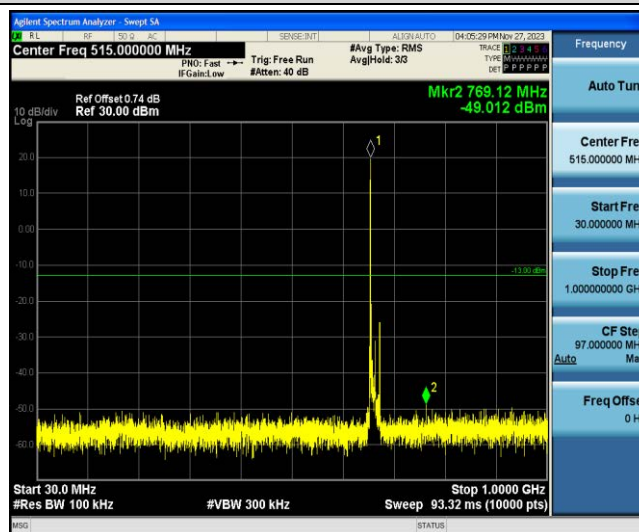
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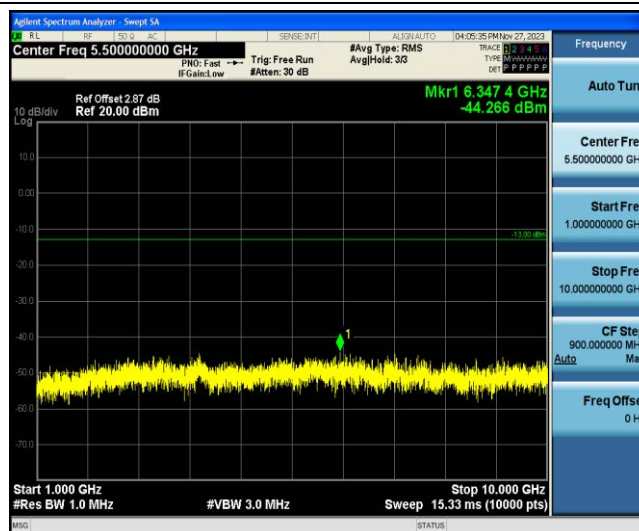
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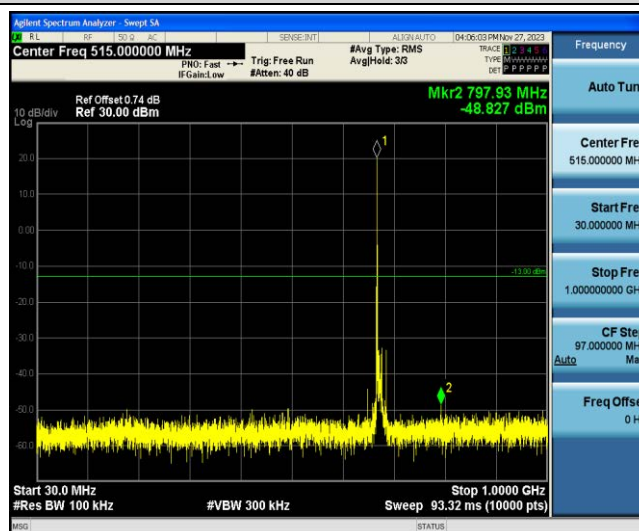
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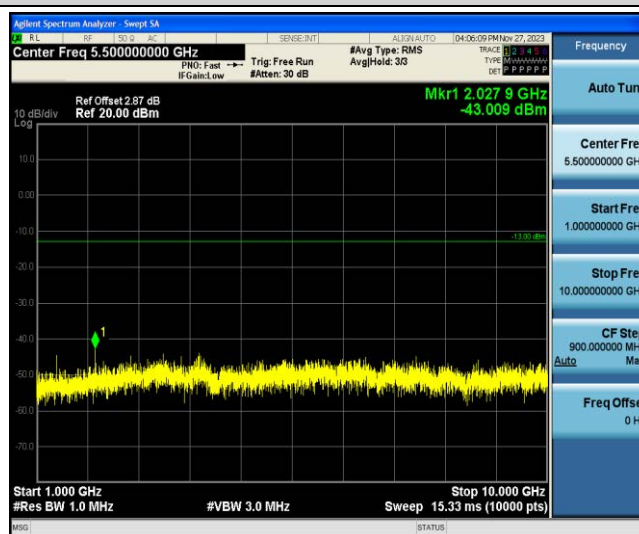
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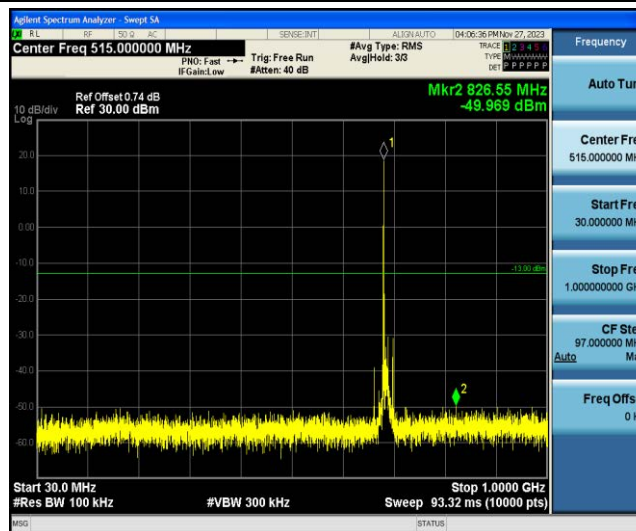
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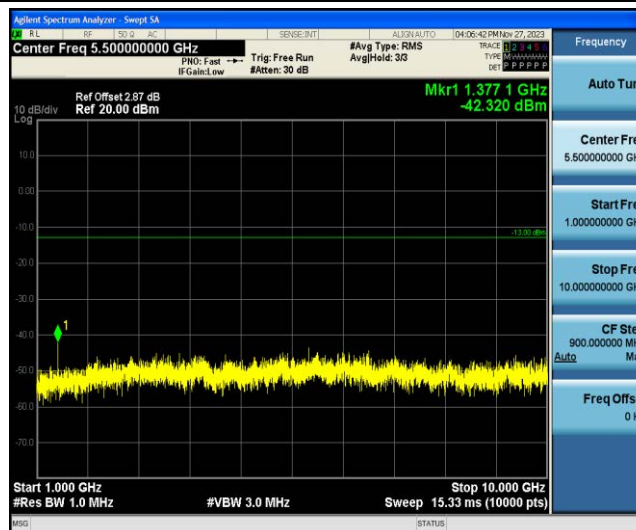
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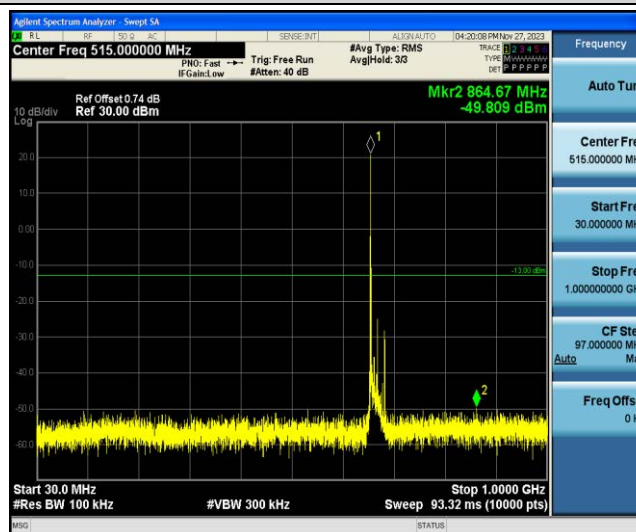
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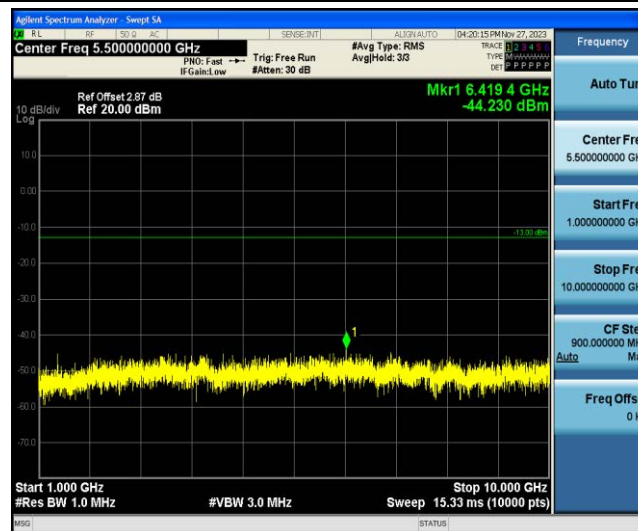
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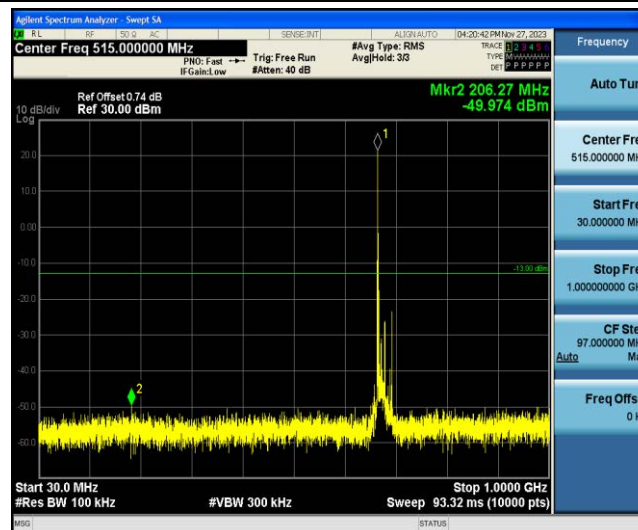
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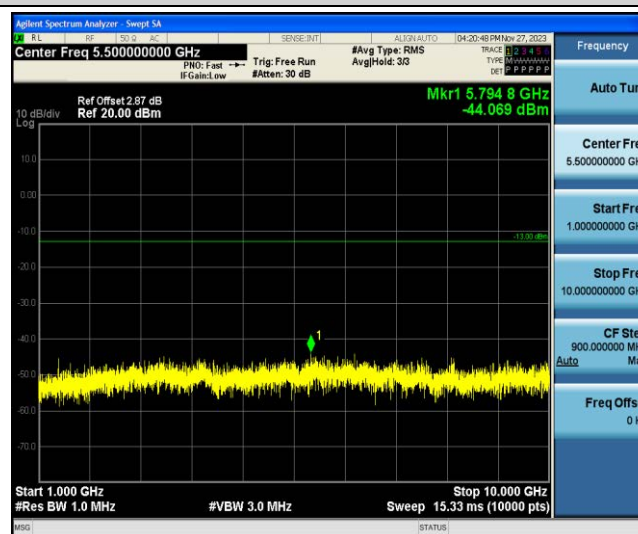
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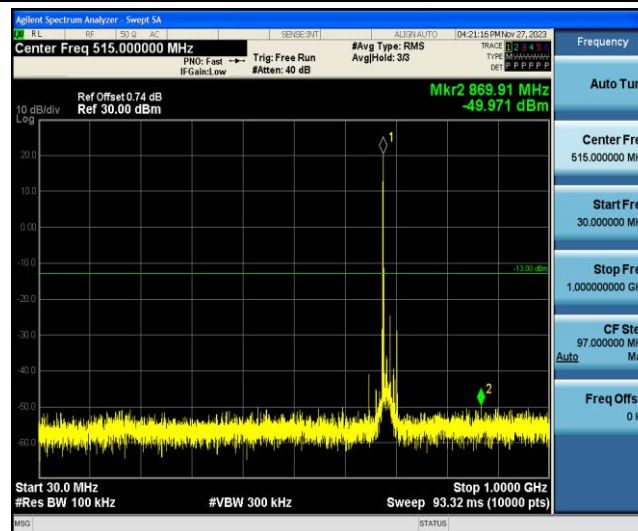
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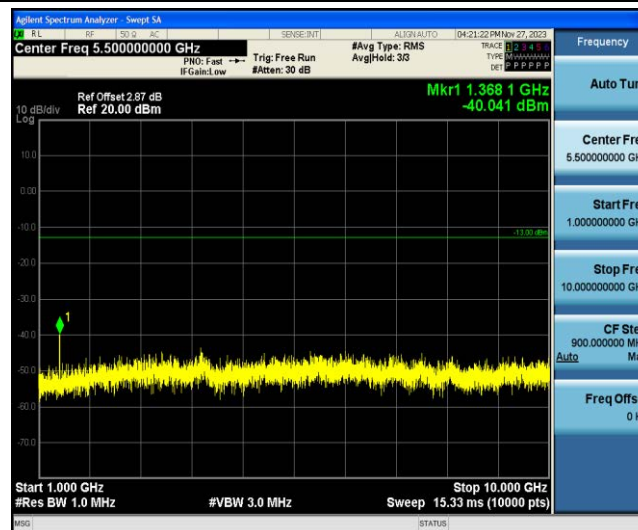
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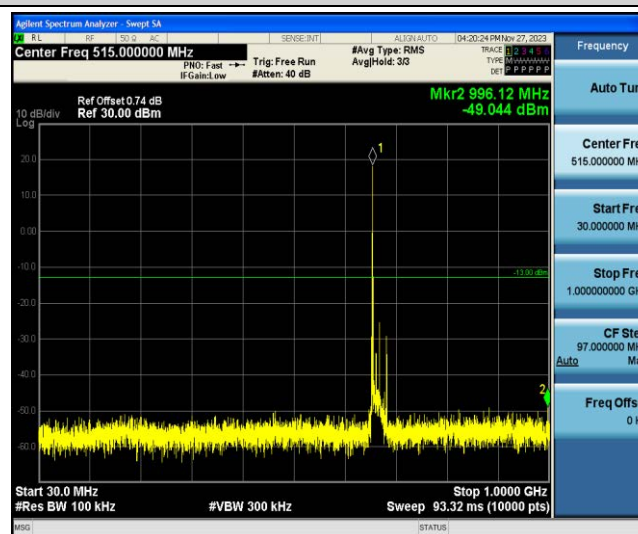
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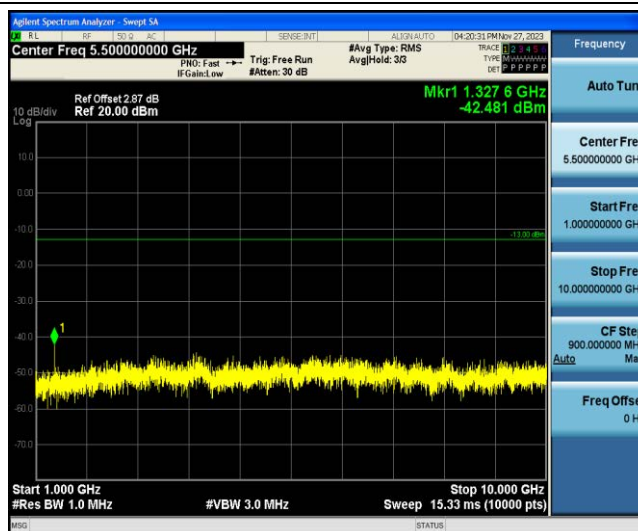
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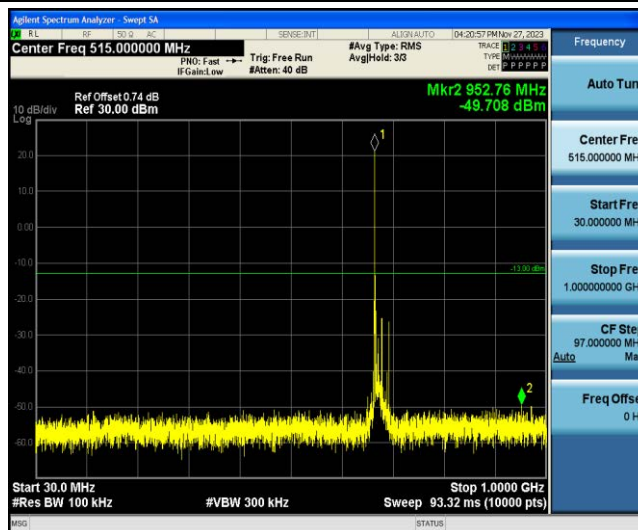
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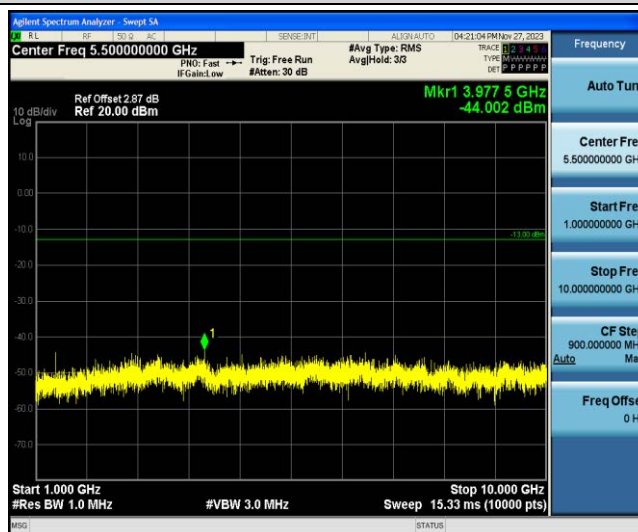
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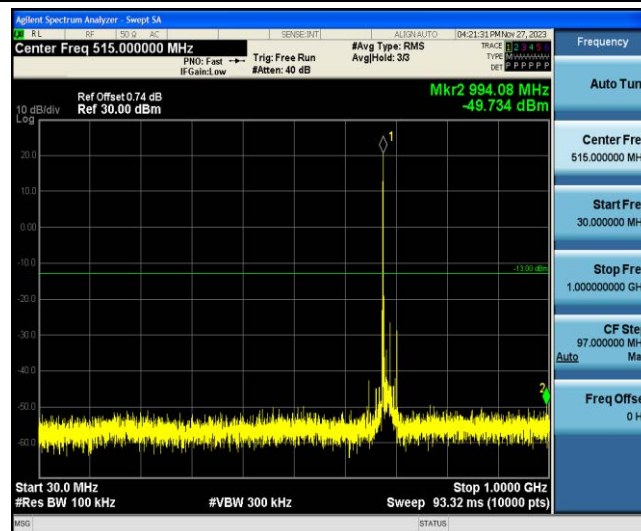
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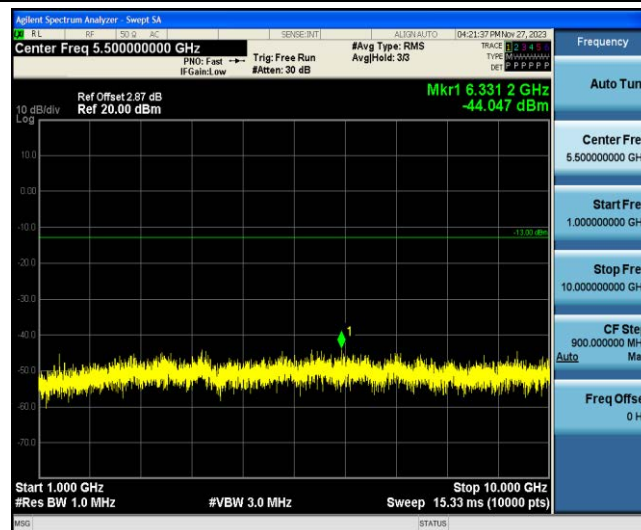
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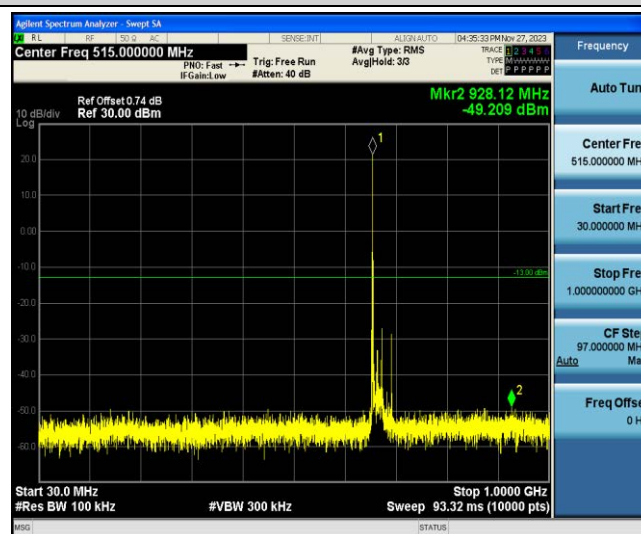
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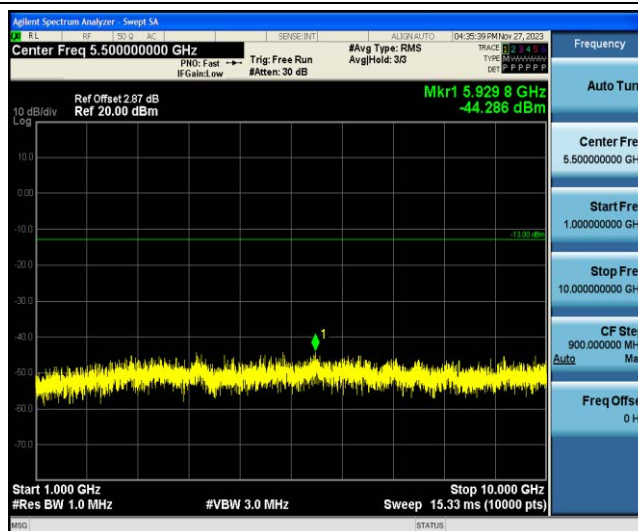
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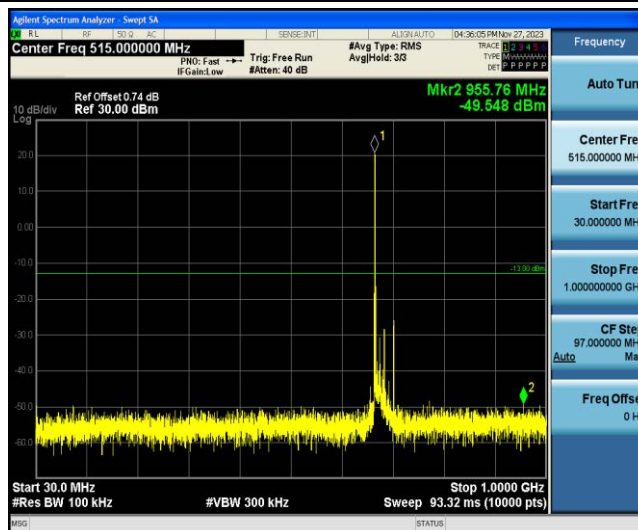
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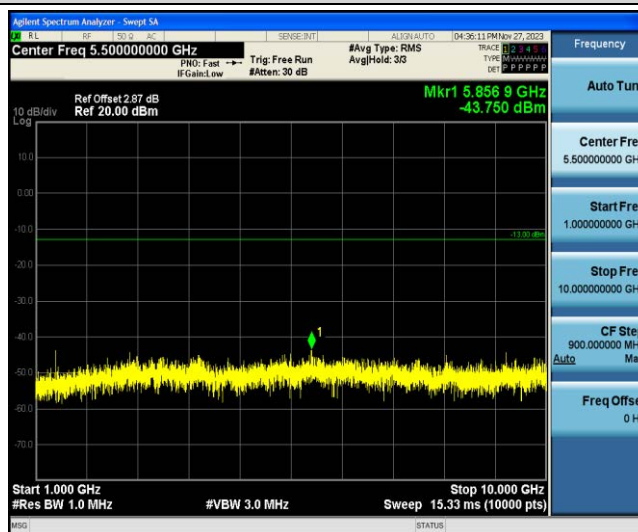
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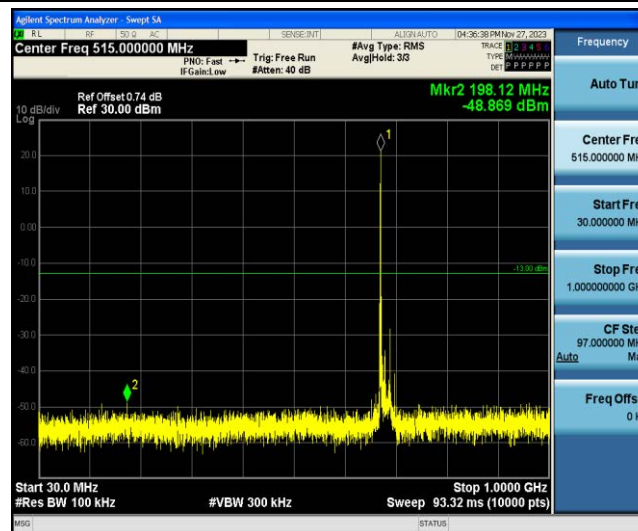
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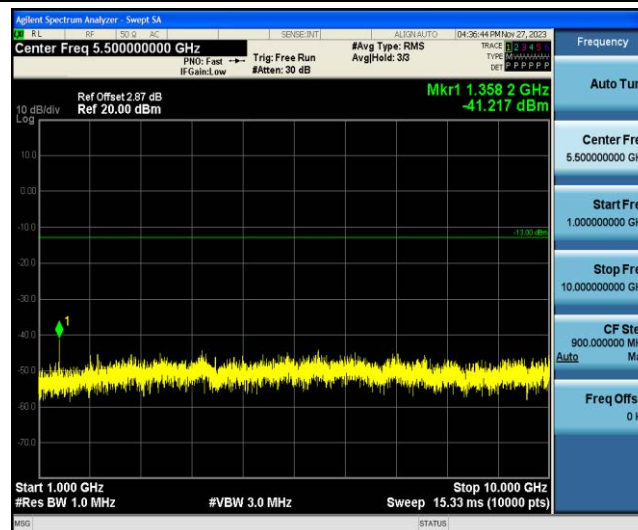
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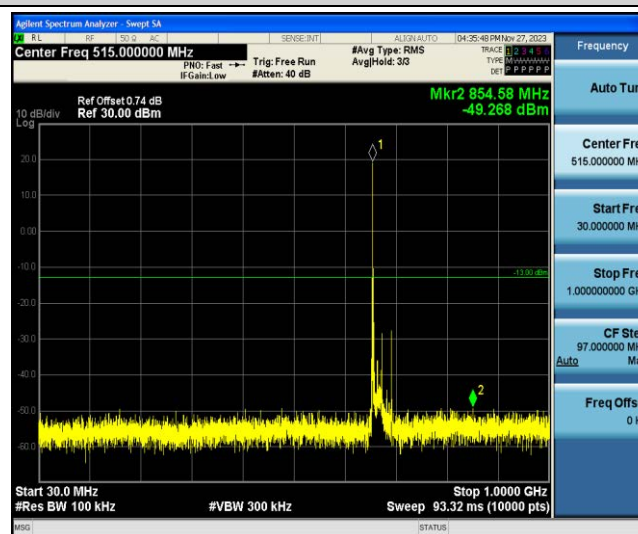
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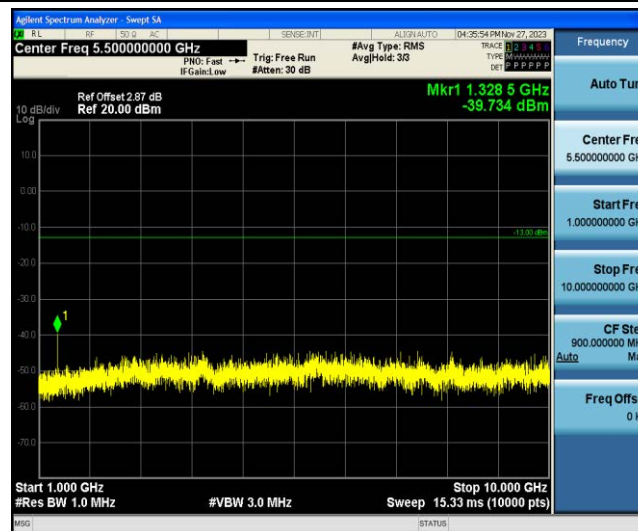
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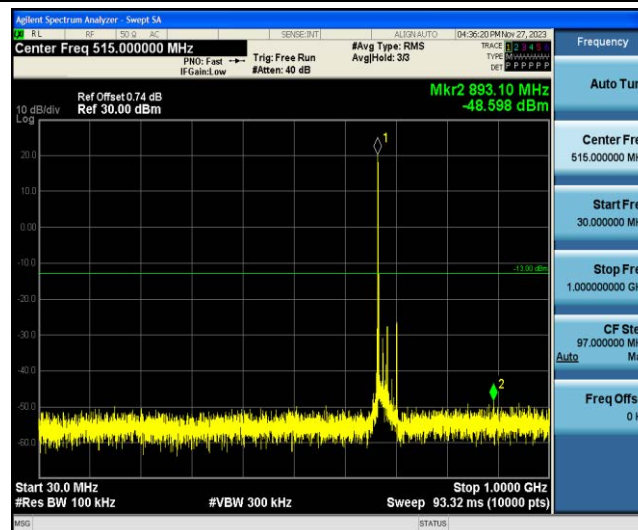
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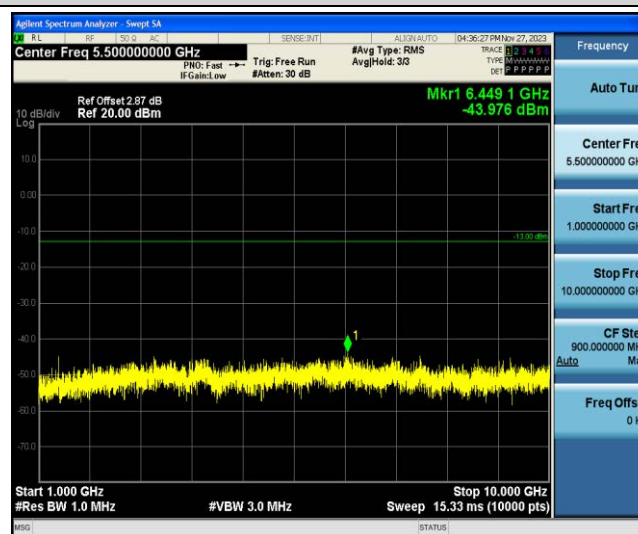
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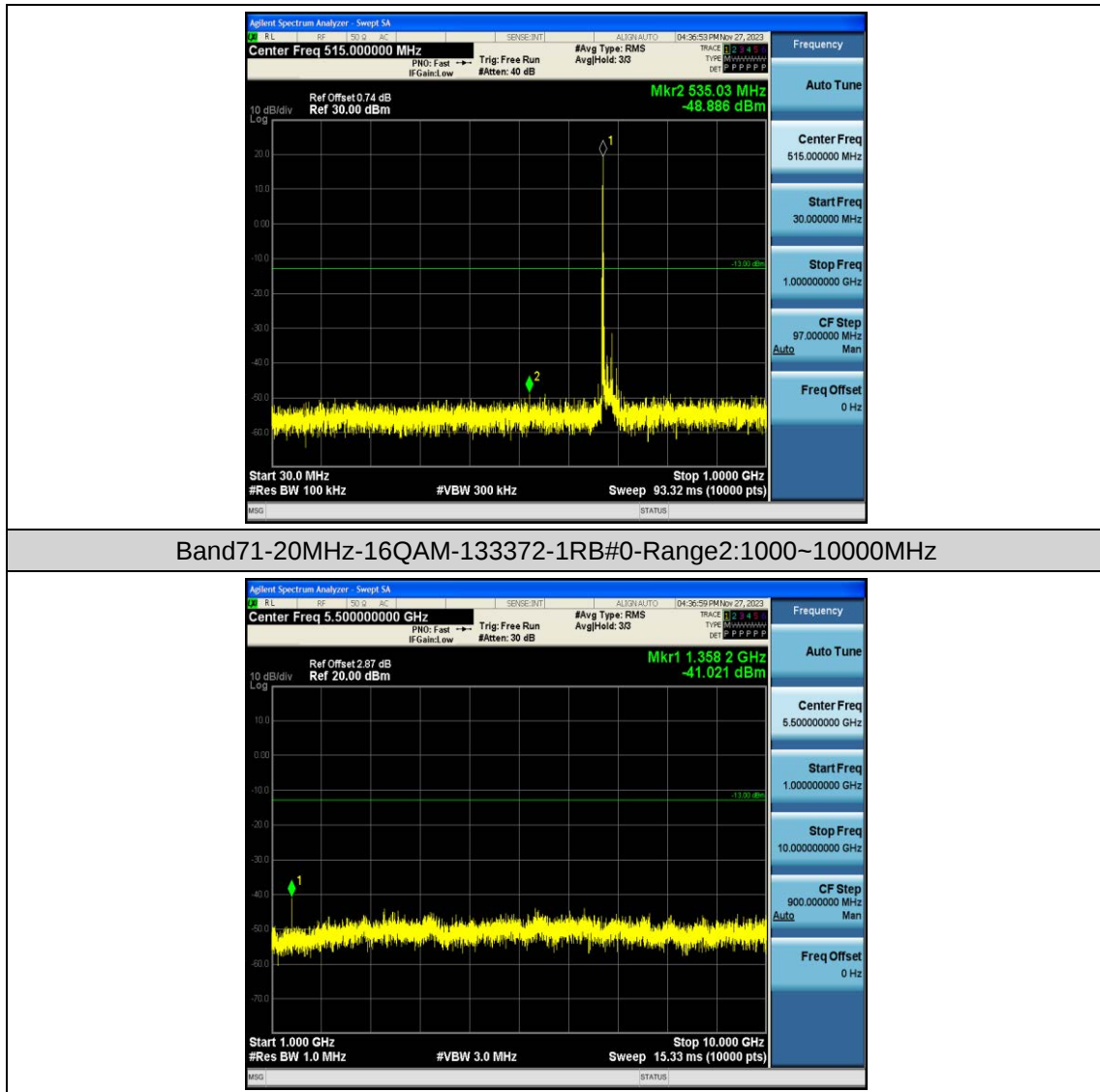
Band71-20MHz-16QAM-133322-1RB#0-Range1:30~1000MHz



Band71-20MHz-16QAM-133322-1RB#0-Range2:1000~10000MHz



Band71-20MHz-16QAM-133372-1RB#0-Range1:30~1000MHz



Band71-20MHz-16QAM-133372-1RB#0-Range2:1000~10000MHz

Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band7_1	5MHz	QPSK	13314_7	25RB#0	VL	NT	-9.56	-0.014365	±2.5	PASS
Band7_1	5MHz	QPSK	13314_7	25RB#0	VN	NT	-13.49	-0.020270	±2.5	PASS
Band7_1	5MHz	QPSK	13314_7	25RB#0	VH	NT	-11.47	-0.017235	±2.5	PASS
Band7_1	5MHz	QPSK	13329_7	25RB#0	VL	NT	-7.95	-0.011683	±2.5	PASS
Band7_1	5MHz	QPSK	13329_7	25RB#0	VN	NT	5.65	0.008303	±2.5	PASS
Band7_1	5MHz	QPSK	13329_7	25RB#0	VH	NT	-7.54	-0.011080	±2.5	PASS
Band7_1	5MHz	QPSK	13344_7	25RB#0	VL	NT	-11.43	-0.016434	±2.5	PASS
Band7_1	5MHz	QPSK	13344_7	25RB#0	VN	NT	-3.68	-0.005291	±2.5	PASS
Band7_1	5MHz	QPSK	13344_7	25RB#0	VH	NT	-13.38	-0.019238	±2.5	PASS
Band7_1	5MHz	16QAM	13314_7	25RB#0	VL	NT	-8.53	-0.012817	±2.5	PASS
Band7_1	5MHz	16QAM	13314_7	25RB#0	VN	NT	-12.07	-0.018137	±2.5	PASS
Band7_1	5MHz	16QAM	13314_7	25RB#0	VH	NT	-8.37	-0.012577	±2.5	PASS
Band7_1	5MHz	16QAM	13329_7	25RB#0	VL	NT	-7.72	-0.011345	±2.5	PASS
Band7_1	5MHz	16QAM	13329_7	25RB#0	VN	NT	-11.82	-0.017370	±2.5	PASS
Band7_1	5MHz	16QAM	13329_7	25RB#0	VH	NT	-4.06	-0.005966	±2.5	PASS
Band7_1	5MHz	16QAM	13344_7	25RB#0	VL	NT	-6.42	-0.009231	±2.5	PASS
Band7_1	5MHz	16QAM	13344_7	25RB#0	VN	NT	-13.26	-0.019065	±2.5	PASS
Band7_1	5MHz	16QAM	13344_7	25RB#0	VH	NT	-9.50	-0.013659	±2.5	PASS

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Band7 1	10MHz	QPSK	13317 2	50RB#0	VL	NT	-4.79	-0.007171	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	VN	NT	-10.77	-0.016123	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	VH	NT	-11.27	-0.016871	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	VL	NT	-12.39	-0.018207	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	VN	NT	7.70	0.011315	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	VH	NT	-11.07	-0.016267	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	VL	NT	-15.16	-0.021876	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	VN	NT	-4.35	-0.006277	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	VH	NT	-10.43	-0.015051	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	VL	NT	-15.35	-0.022979	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	VN	NT	-45.42	-0.067994	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	VH	NT	-10.56	-0.015808	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	VL	NT	-9.86	-0.014489	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	VN	NT	-5.02	-0.007377	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	VH	NT	-9.73	-0.014298	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	VL	NT	-12.73	-0.018369	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	VN	NT	-11.06	-0.015960	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	VH	NT	-15.22	-0.021962	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	VL	NT	-12.97	-0.019344	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	VN	NT	-15.08	-0.022491	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	VH	NT	-7.48	-0.011156	±2.5	PASS

Band7 1	15MHz	QPSK	13329 7	75RB#0	VL	NT	-10.61	-0.015591	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	VN	NT	-6.07	-0.008920	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	VH	NT	-6.17	-0.009067	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	VL	NT	-12.30	-0.017813	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	VN	NT	-4.78	-0.006923	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	VH	NT	-12.13	-0.017567	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	VL	NT	-13.06	-0.019478	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	VN	NT	-26.98	-0.040239	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	VH	NT	-5.81	-0.008665	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	VL	NT	1.14	0.001675	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	VN	NT	-8.83	-0.012976	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	VH	NT	-6.37	-0.009361	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	VL	NT	-8.30	-0.012020	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	VN	NT	-12.60	-0.018248	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	VH	NT	-3.63	-0.005257	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	VL	NT	-9.54	-0.014175	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	VN	NT	-11.46	-0.017028	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	VH	NT	-11.30	-0.016790	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	VL	NT	-8.63	-0.012635	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	VN	NT	4.33	0.006340	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	VH	NT	-4.32	-0.006325	±2.5	PASS
Band7	20MHz	QPSK	13337	100RB#0	VL	NT	-12.06	-0.017529	±2.5	PASS

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Band7 1	20MHz	QPSK	13337 2	100RB#0	VN	NT	-7.01	-0.010189	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	VH	NT	-9.63	-0.013997	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	VL	NT	-10.93	-0.016241	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	VN	NT	-14.05	-0.020877	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	VH	NT	-7.02	-0.010431	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	VL	NT	-11.63	-0.017028	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	VN	NT	-12.40	-0.018155	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	VH	NT	-10.24	-0.014993	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	VL	NT	-5.81	-0.008445	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	VN	NT	-9.26	-0.013459	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	VH	NT	-7.35	-0.010683	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	-30	-8.77	-0.013178	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	-20	-11.19	-0.016814	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	0	-6.32	-0.009497	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	10	-11.23	-0.016875	±2.5	PASS
Band7 1	5MHz	QPSK	13314 7	25RB#0	NV	20	-10.46	-0.015718	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	-30	-8.44	-0.012403	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	-20	-8.08	-0.011874	±2.5	PASS
Band7	5MHz	QPSK	13329	25RB#0	NV	0	-9.20	-0.013519	±2.5	PASS

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Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	10	-12.89	-0.018942	±2.5	PASS
Band7 1	5MHz	QPSK	13329 7	25RB#0	NV	20	-10.61	-0.015591	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	-30	-10.14	-0.014579	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	-20	-10.74	-0.015442	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	0	-13.39	-0.019252	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	10	-11.01	-0.015830	±2.5	PASS
Band7 1	5MHz	QPSK	13344 7	25RB#0	NV	20	-13.86	-0.019928	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	-30	-7.50	-0.011270	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	-20	-7.34	-0.011029	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	0	-5.41	-0.008129	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	10	-5.39	-0.008099	±2.5	PASS
Band7 1	5MHz	16QAM	13314 7	25RB#0	NV	20	-4.73	-0.007107	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	-30	-6.42	-0.009434	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	-20	-1.44	-0.002116	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	0	-8.51	-0.012506	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	10	-5.42	-0.007965	±2.5	PASS
Band7 1	5MHz	16QAM	13329 7	25RB#0	NV	20	-7.28	-0.010698	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	-30	-9.86	-0.014177	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	-20	-10.67	-0.015341	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	0	-4.71	-0.006772	±2.5	PASS
Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	10	-10.37	-0.014910	±2.5	PASS

Band7 1	5MHz	16QAM	13344 7	25RB#0	NV	20	-7.45	-0.010712	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	-30	-12.27	-0.018368	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	-20	-6.92	-0.010359	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	0	-11.80	-0.017665	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	10	-13.12	-0.019641	±2.5	PASS
Band7 1	10MHz	QPSK	13317 2	50RB#0	NV	20	-8.38	-0.012545	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	-30	-9.94	-0.014607	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	-20	-5.94	-0.008729	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	0	-8.75	-0.012858	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	10	-4.08	-0.005996	±2.5	PASS
Band7 1	10MHz	QPSK	13329 7	50RB#0	NV	20	-7.05	-0.010360	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	-30	-9.20	-0.013276	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	-20	-9.13	-0.013175	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	0	-9.30	-0.013420	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	10	-10.17	-0.014675	±2.5	PASS
Band7 1	10MHz	QPSK	13342 2	50RB#0	NV	20	-9.60	-0.013853	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	-30	-10.23	-0.015314	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	-20	-11.46	-0.017156	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	0	-5.21	-0.007799	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	10	-11.39	-0.017051	±2.5	PASS
Band7 1	10MHz	16QAM	13317 2	50RB#0	NV	20	-9.96	-0.014910	±2.5	PASS
Band7	10MHz	16QAM	13329	50RB#0	NV	-30	-4.94	-0.007259	±2.5	PASS

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Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	-20	-6.97	-0.010242	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	0	-5.19	-0.007627	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	10	-7.42	-0.010904	±2.5	PASS
Band7 1	10MHz	16QAM	13329 7	50RB#0	NV	20	-9.77	-0.014357	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	-30	-9.17	-0.013232	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	-20	-7.11	-0.010260	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	0	-11.52	-0.016623	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	10	-8.15	-0.011760	±2.5	PASS
Band7 1	10MHz	16QAM	13342 2	50RB#0	NV	20	-6.18	-0.008918	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	-30	-9.20	-0.013721	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	-20	-10.97	-0.016361	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	0	-7.17	-0.010694	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	10	-11.36	-0.016943	±2.5	PASS
Band7 1	15MHz	QPSK	13319 7	75RB#0	NV	20	-14.91	-0.022237	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	-30	-6.88	-0.010110	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	-20	-10.19	-0.014974	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	0	-9.84	-0.014460	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	10	-8.53	-0.012535	±2.5	PASS
Band7 1	15MHz	QPSK	13329 7	75RB#0	NV	20	-9.91	-0.014563	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	-30	-9.03	-0.013077	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	-20	-12.95	-0.018755	±2.5	PASS

Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	0	-12.59	-0.018233	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	10	-7.65	-0.011079	±2.5	PASS
Band7 1	15MHz	QPSK	13339 7	75RB#0	NV	20	-9.67	-0.014004	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	-30	-11.07	-0.016510	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	-20	-10.23	-0.015257	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	0	-9.51	-0.014183	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	10	-13.35	-0.019911	±2.5	PASS
Band7 1	15MHz	16QAM	13319 7	75RB#0	NV	20	-8.98	-0.013393	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	-30	-7.40	-0.010874	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	-20	-8.73	-0.012829	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	0	-13.63	-0.020029	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	10	-12.20	-0.017928	±2.5	PASS
Band7 1	15MHz	16QAM	13329 7	75RB#0	NV	20	-6.69	-0.009831	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	-30	-9.51	-0.013773	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	-20	-8.04	-0.011644	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	0	-7.84	-0.011354	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	10	-6.18	-0.008950	±2.5	PASS
Band7 1	15MHz	16QAM	13339 7	75RB#0	NV	20	-9.64	-0.013961	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	-30	-8.47	-0.012585	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	-20	-9.97	-0.014814	±2.5	PASS
Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	0	-10.83	-0.016092	±2.5	PASS
Band7	20MHz	QPSK	13322	100RB#0	NV	10	-9.87	-0.014666	±2.5	PASS

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Band7 1	20MHz	QPSK	13322 2	100RB#0	NV	20	-9.21	-0.013685	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	-30	-4.39	-0.006428	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	-20	-12.00	-0.017570	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	0	-12.04	-0.017628	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	10	-13.39	-0.019605	±2.5	PASS
Band7 1	20MHz	QPSK	13332 2	100RB#0	NV	20	-10.16	-0.014876	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	-30	-10.69	-0.015538	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	-20	-11.22	-0.016308	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	0	-7.74	-0.011250	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	10	-11.63	-0.016904	±2.5	PASS
Band7 1	20MHz	QPSK	13337 2	100RB#0	NV	20	-9.48	-0.013779	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	-30	-12.86	-0.019108	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	-20	-9.11	-0.013536	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	0	-8.20	-0.012184	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	10	-7.72	-0.011471	±2.5	PASS
Band7 1	20MHz	16QAM	13322 2	100RB#0	NV	20	-10.24	-0.015215	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	-30	-12.60	-0.018448	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	-20	-10.51	-0.015388	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	0	-11.99	-0.017555	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	10	-12.73	-0.018638	±2.5	PASS
Band7 1	20MHz	16QAM	13332 2	100RB#0	NV	20	-13.86	-0.020293	±2.5	PASS

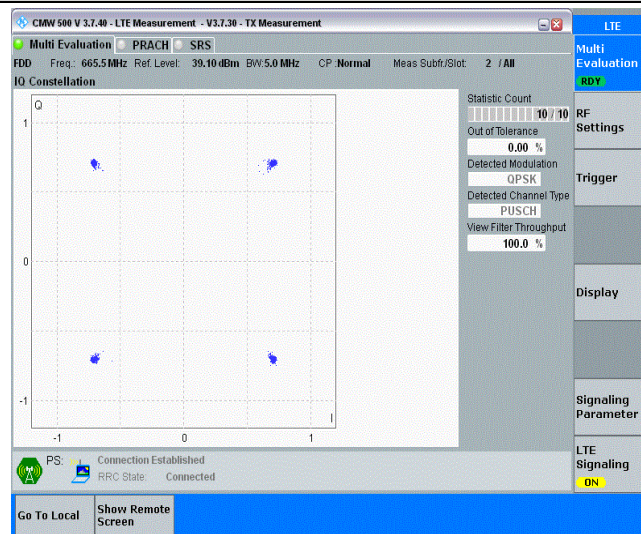
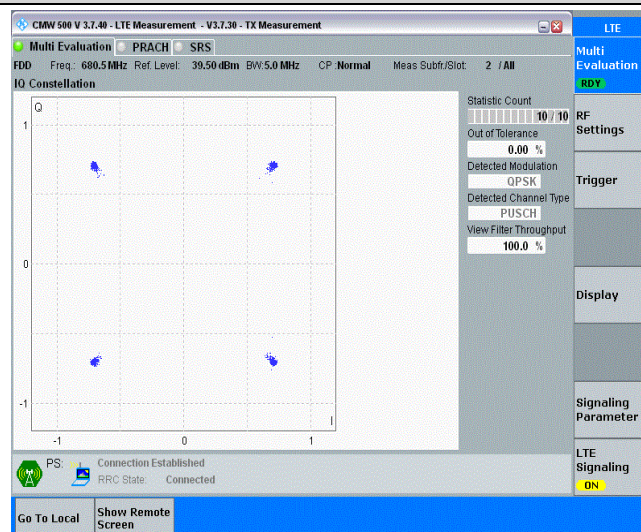
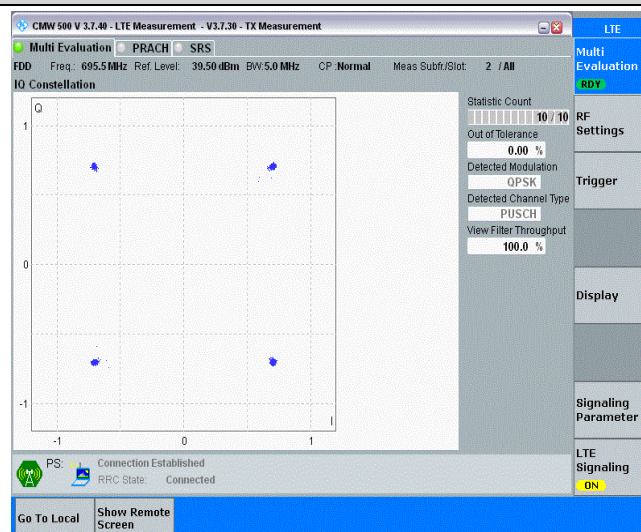
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	-30	-12.36	-0.017965	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	-20	-8.50	-0.012355	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	0	-10.00	-0.014535	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	10	-3.79	-0.005509	±2.5	PASS
Band7 1	20MHz	16QAM	13337 2	100RB#0	NV	20	-9.50	-0.013808	±2.5	PASS

Appendix G: Modulation Characteristics

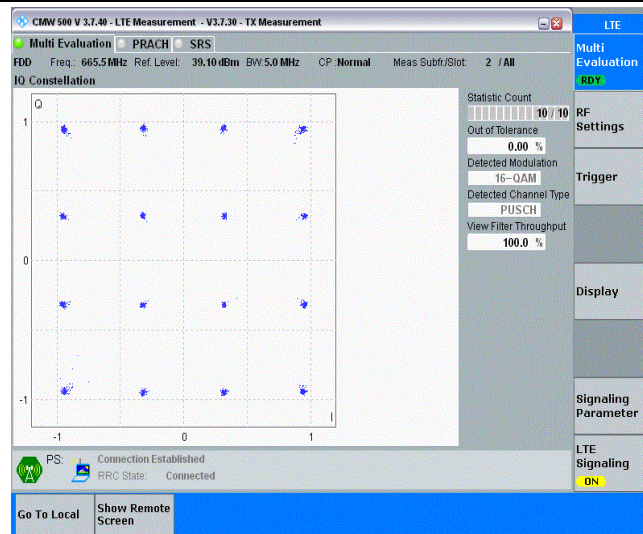
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band71	5MHz	QPSK	133147	25RB#0	PASS	PASS
Band71	5MHz	QPSK	133297	25RB#0	PASS	PASS
Band71	5MHz	QPSK	133447	25RB#0	PASS	PASS
Band71	5MHz	16QAM	133147	25RB#0	PASS	PASS
Band71	5MHz	16QAM	133297	25RB#0	PASS	PASS
Band71	5MHz	16QAM	133447	25RB#0	PASS	PASS
Band71	10MHz	QPSK	133172	50RB#0	PASS	PASS
Band71	10MHz	QPSK	133297	50RB#0	PASS	PASS
Band71	10MHz	QPSK	133422	50RB#0	PASS	PASS
Band71	10MHz	16QAM	133172	50RB#0	PASS	PASS
Band71	10MHz	16QAM	133297	50RB#0	PASS	PASS
Band71	10MHz	16QAM	133422	50RB#0	PASS	PASS
Band71	15MHz	QPSK	133197	75RB#0	PASS	PASS
Band71	15MHz	QPSK	133297	75RB#0	PASS	PASS
Band71	15MHz	QPSK	133397	75RB#0	PASS	PASS
Band71	15MHz	16QAM	133197	75RB#0	PASS	PASS
Band71	15MHz	16QAM	133297	75RB#0	PASS	PASS
Band71	15MHz	16QAM	133397	75RB#0	PASS	PASS
Band71	20MHz	QPSK	133222	100RB#0	PASS	PASS
Band71	20MHz	QPSK	133322	100RB#0	PASS	PASS
Band71	20MHz	QPSK	133372	100RB#0	PASS	PASS
Band71	20MHz	16QAM	133222	100RB#0	PASS	PASS
Band71	20MHz	16QAM	133322	100RB#0	PASS	PASS
Band71	20MHz	16QAM	133372	100RB#0	PASS	PASS

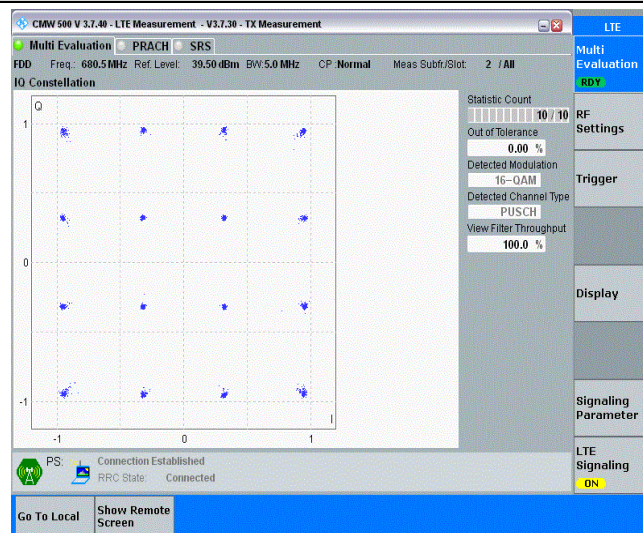
Test Graphs

Band71-5MHz-QPSK-133147-25RB#0**Band71-5MHz-QPSK-133297-25RB#0****Band71-5MHz-QPSK-133447-25RB#0**

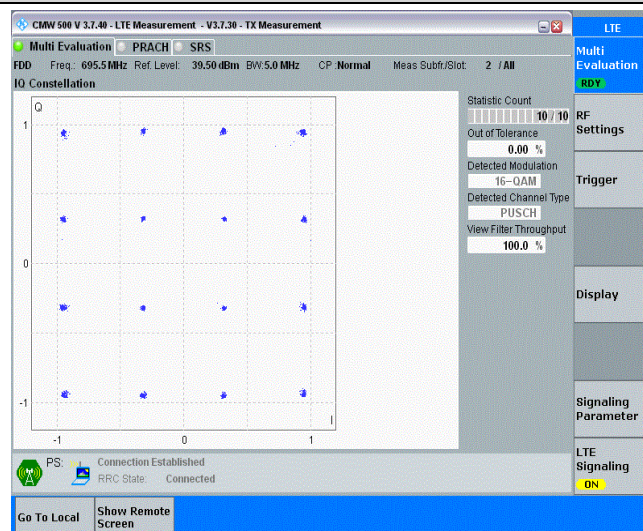
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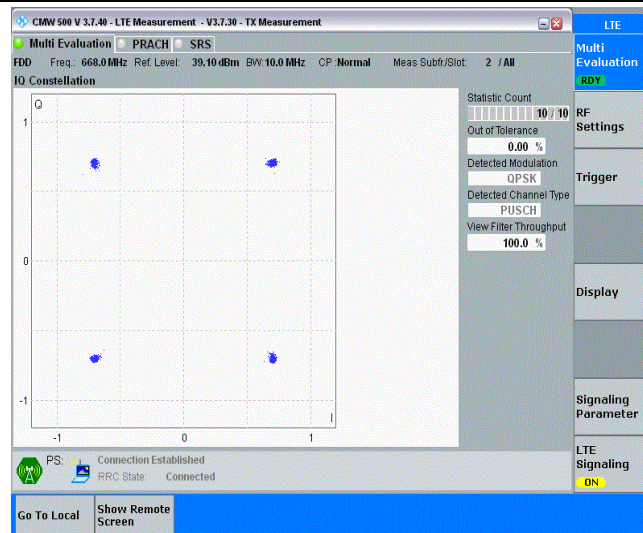
Band71-5MHz-16QAM-133297-25RB#0



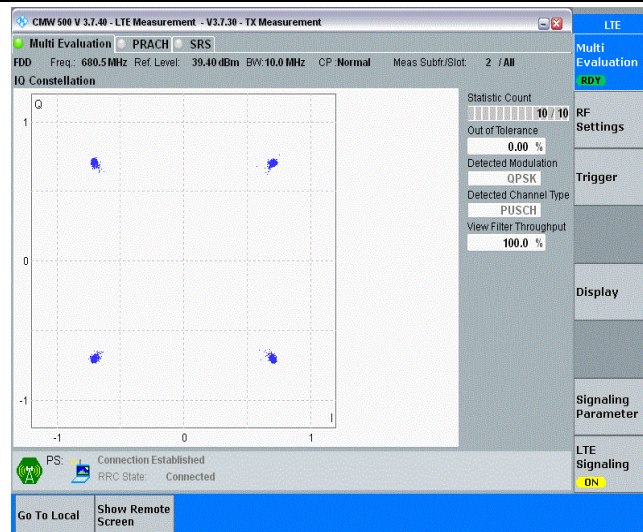
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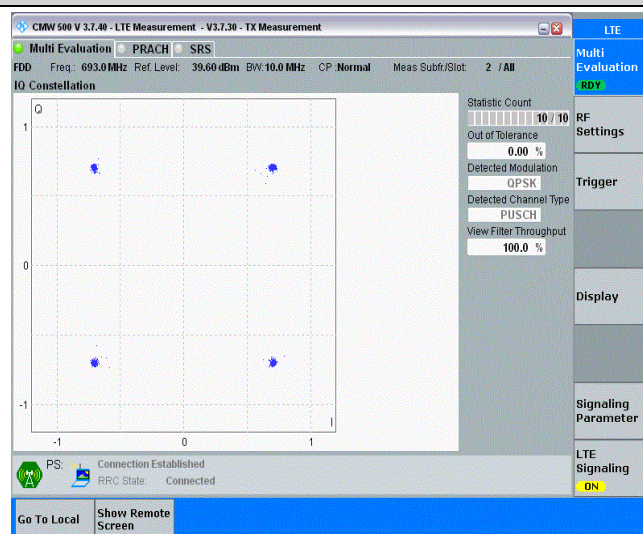
Band71-10MHz-QPSK-133172-50RB#0



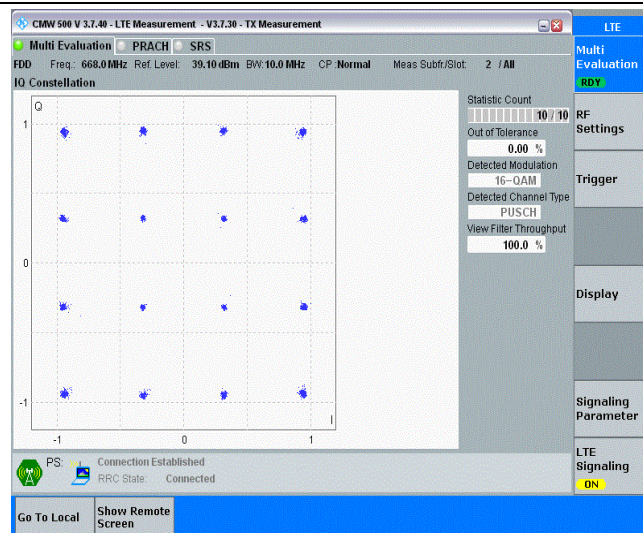
Band71-10MHz-QPSK-133297-50RB#0



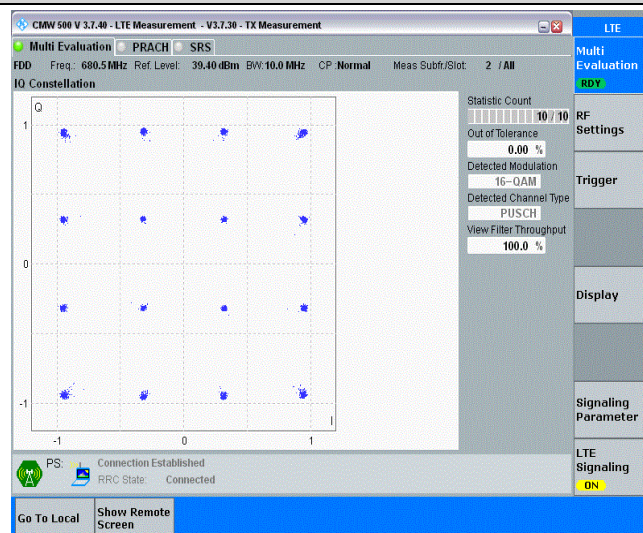
Band71-10MHz-QPSK-133422-50RB#0



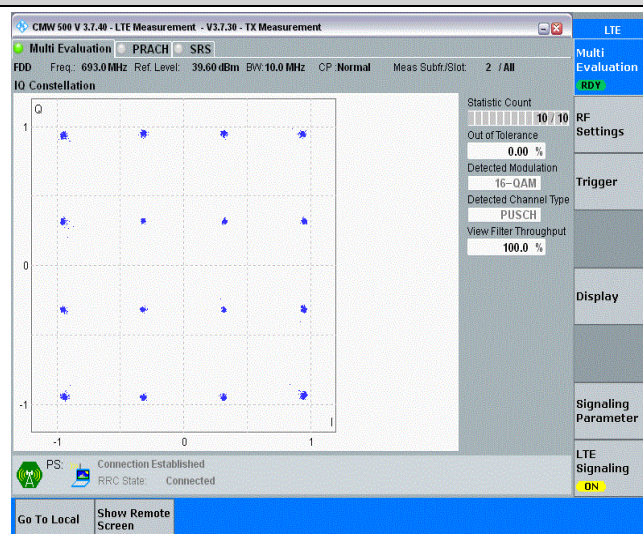
Band71-10MHz-16QAM-133172-50RB#0



Band71-10MHz-16QAM-133297-50RB#0



Band71-10MHz-16QAM-133422-50RB#0



Band71-15MHz-QPSK-133197-75RB#0