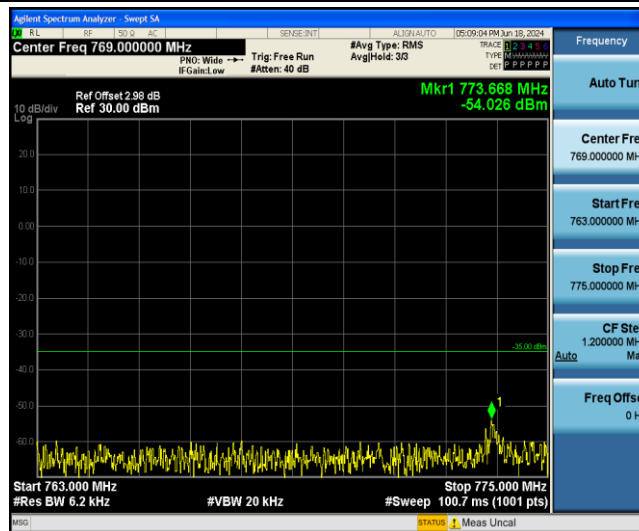
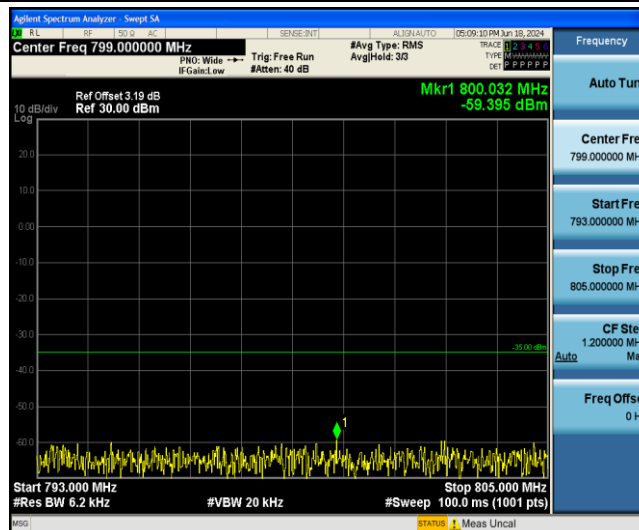
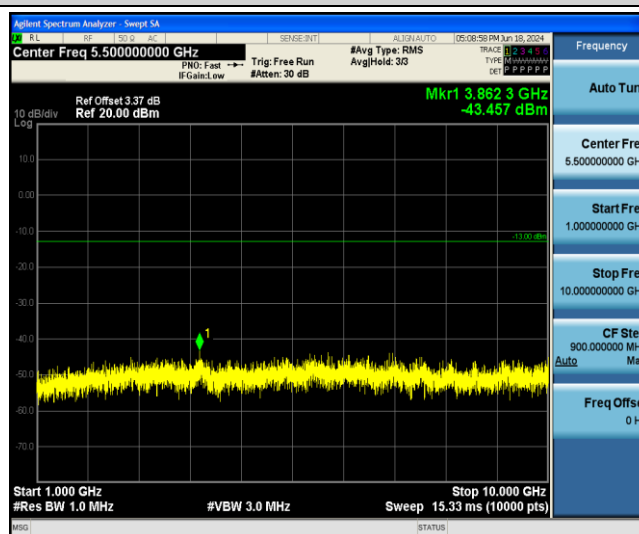




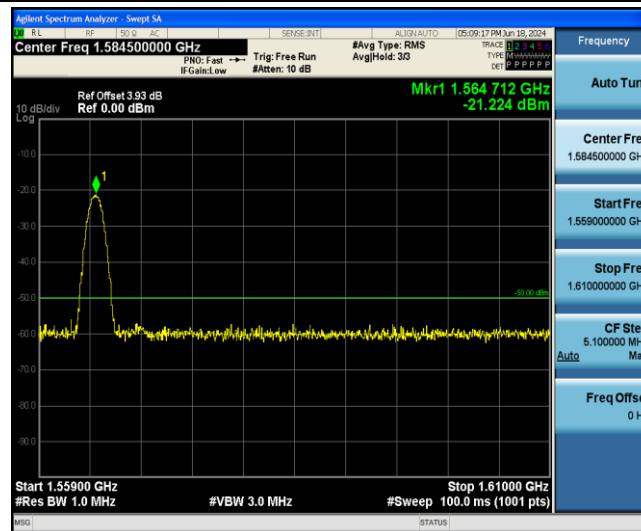
Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



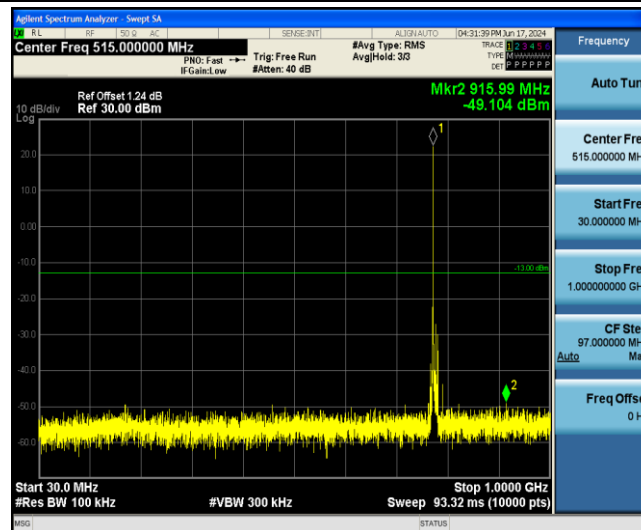
Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



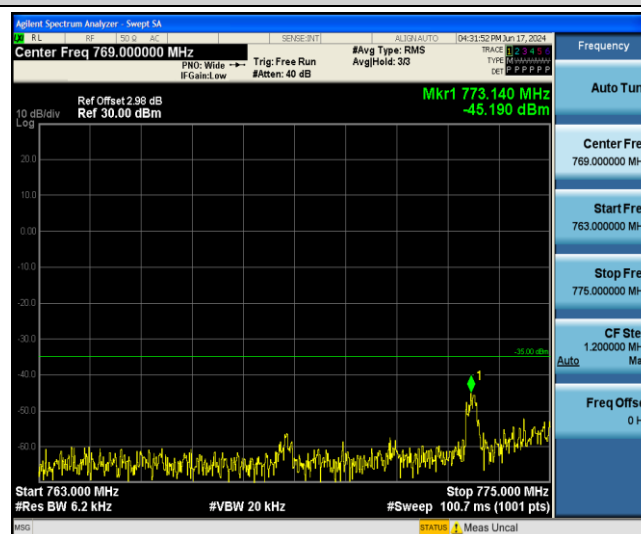
Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz



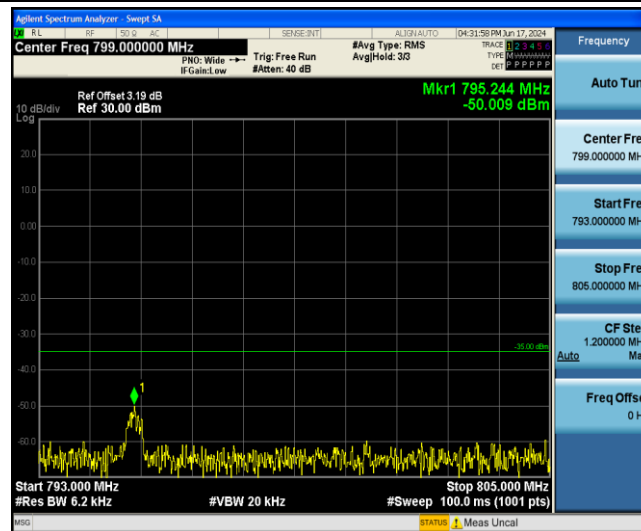
Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



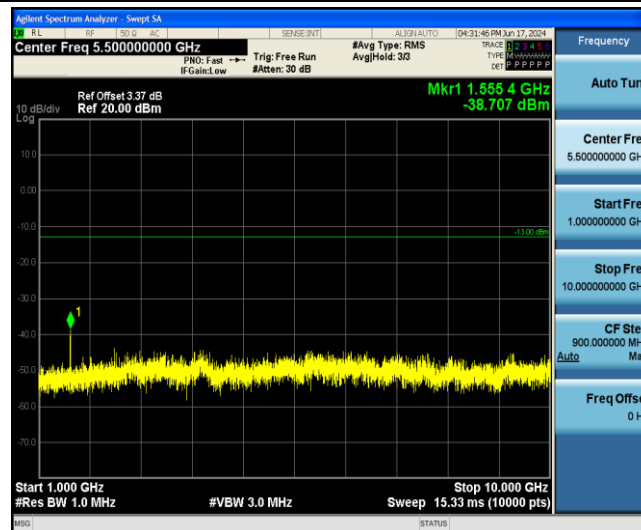
Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



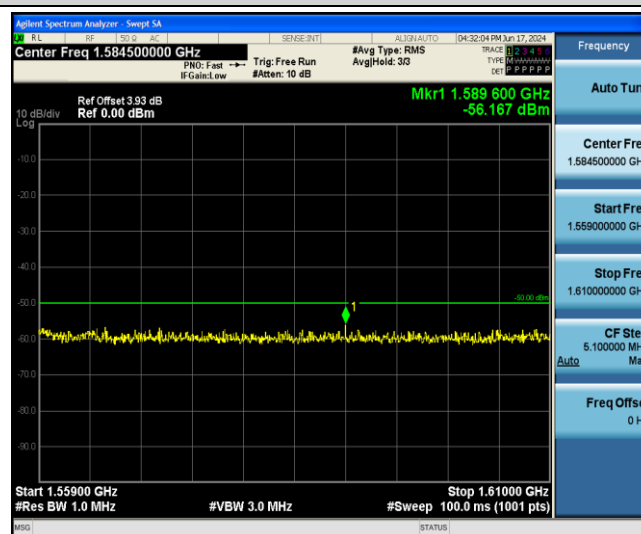
Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz



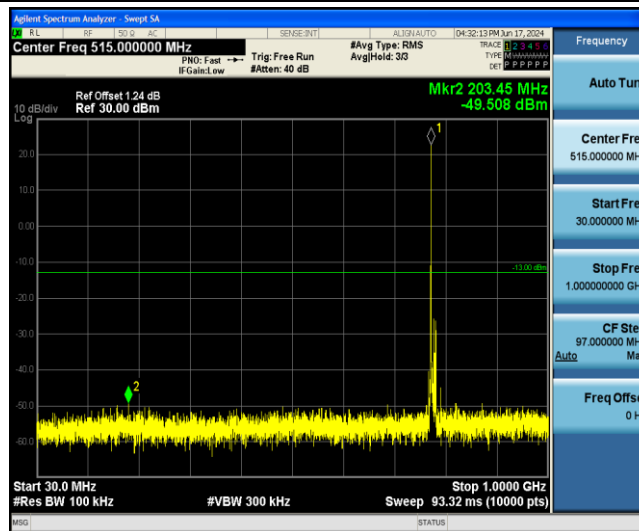
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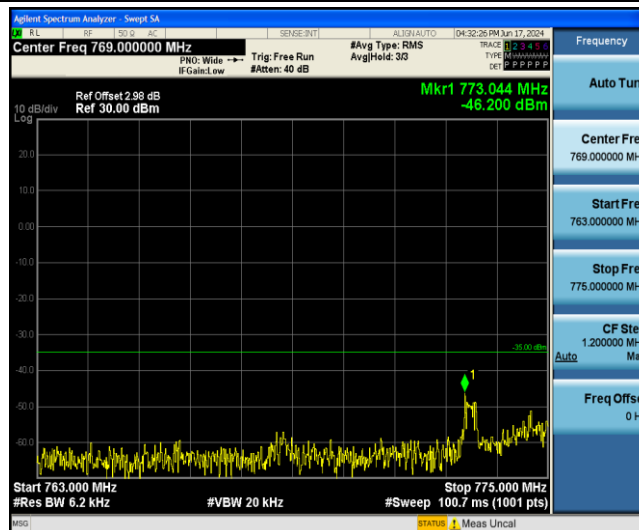
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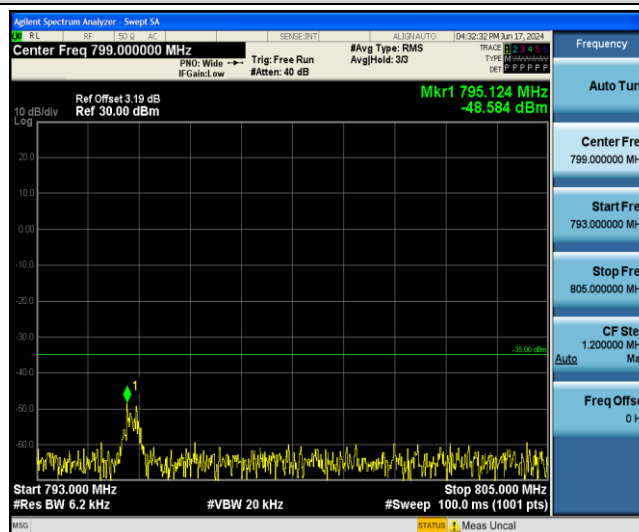
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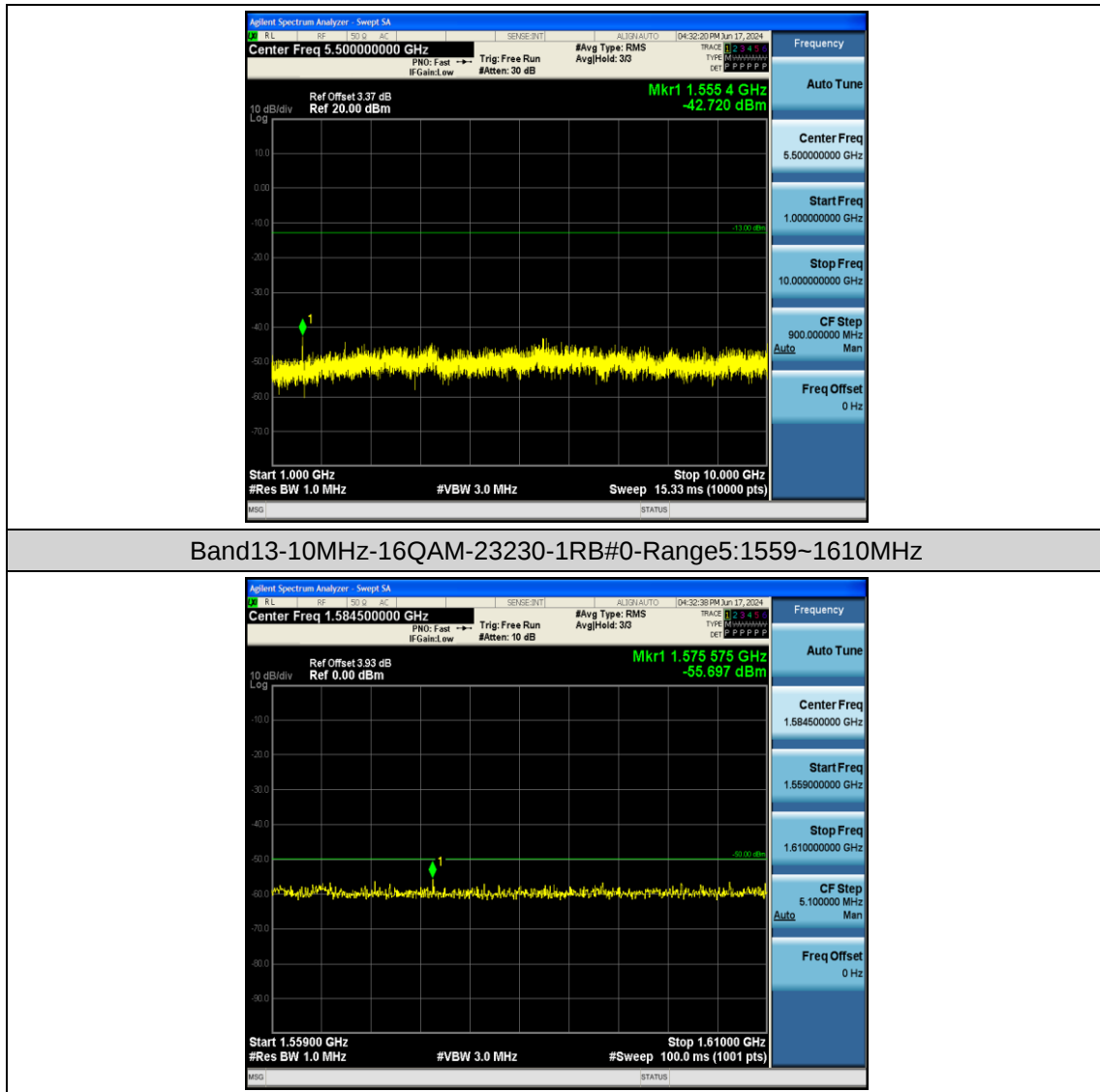
Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz



Band13-10MHz-16QAM-23230-1RB#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)				
Band1_3	5MHz	QPSK	23205	25RB#0	VL	NT	-2.58	-0.003310	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VN	NT	-2.99	-0.003836	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VH	NT	-3.91	-0.005016	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VL	NT	-3.18	-0.004066	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VN	NT	-2.10	-0.002685	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VH	NT	-2.35	-0.003005	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VL	NT	-1.95	-0.002486	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VN	NT	-3.76	-0.004793	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VH	NT	2.10	0.002677	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VL	NT	-3.65	-0.004682	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VN	NT	-2.84	-0.003643	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VH	NT	-3.24	-0.004157	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VL	NT	-1.77	-0.002263	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VN	NT	-2.80	-0.003581	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VH	NT	-2.60	-0.003325	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VL	NT	0.88	0.001122	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VN	NT	-2.26	-0.002881	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VH	NT	-2.12	-0.002702	±2.5	PASS

3										
Band1 3	10MHz	QPSK	23230	50RB#0	VL	NT	-2.63	-0.003363	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VN	NT	-3.13	-0.004003	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VH	NT	-3.59	-0.004591	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VL	NT	2.26	0.002890	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	-4.35	-0.005563	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	-1.21	-0.001547	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-30	-3.79	-0.004862	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-20	-3.97	-0.005093	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	0	-4.40	-0.005645	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	10	-1.90	-0.002437	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	20	-1.75	-0.002245	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-30	-2.37	-0.003031	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-20	-3.30	-0.004220	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	0	-1.76	-0.002251	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	10	-2.39	-0.003056	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	20	1.84	0.002353	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-30	0.84	0.001071	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-20	2.20	0.002804	±2.5	PASS
Band1	5MHz	QPSK	23255	25RB#0	NV	0	3.27	0.004168	±2.5	PASS

3										
Band1 3	5MHz	QPSK	23255	25RB#0	NV	10	3.06	0.003901	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	20	-1.23	-0.001568	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-30	-4.76	-0.006106	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	-5.13	-0.006581	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	-3.50	-0.004490	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	-3.13	-0.004015	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	-2.87	-0.003682	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	-3.30	-0.004220	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	-2.81	-0.003593	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	-3.38	-0.004322	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	10	-3.02	-0.003862	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	-3.66	-0.004680	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	-3.07	-0.003913	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	-2.32	-0.002957	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	2.08	0.002651	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	-1.89	-0.002409	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	-3.96	-0.005048	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-3.40	-0.004348	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-2.56	-0.003274	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-4.58	-0.005857	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-1.49	-0.001905	±2.5	PASS

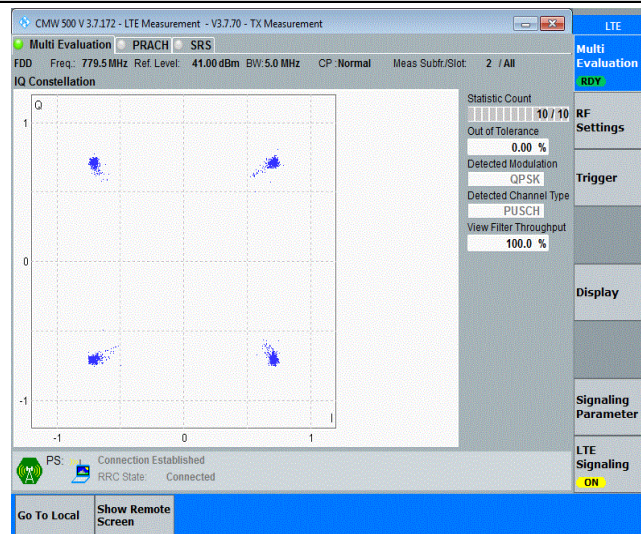
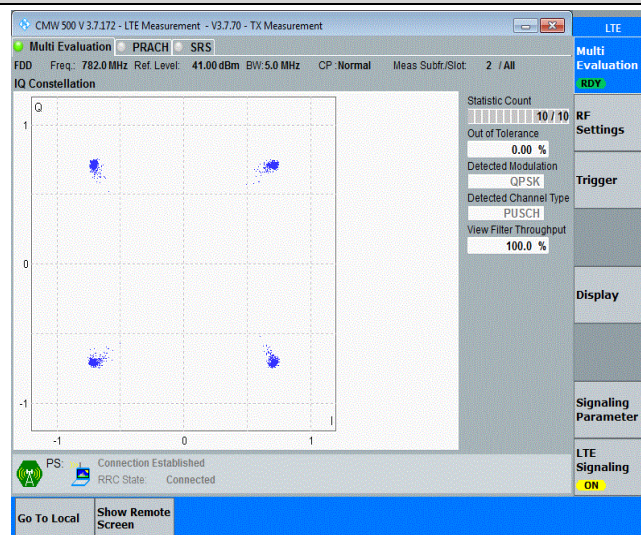
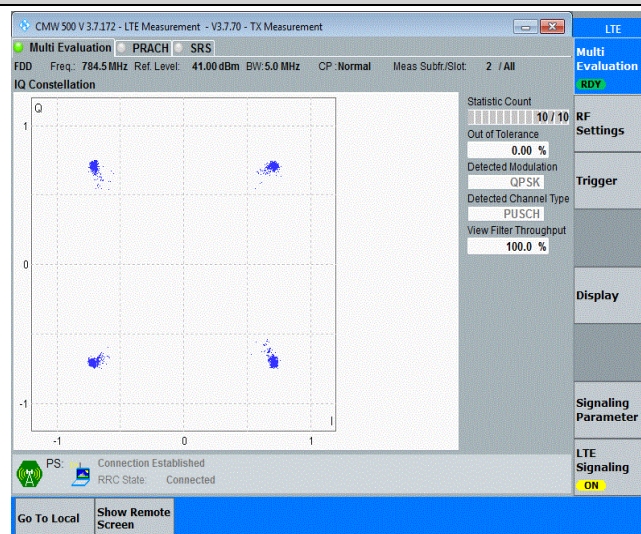
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	1.68	0.002148	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	-4.38	-0.005601	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	-2.23	-0.002852	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	-2.39	-0.003056	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-3.37	-0.004309	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	20	-1.99	-0.002545	±2.5	PASS

Appendix G: Modulation Characteristics

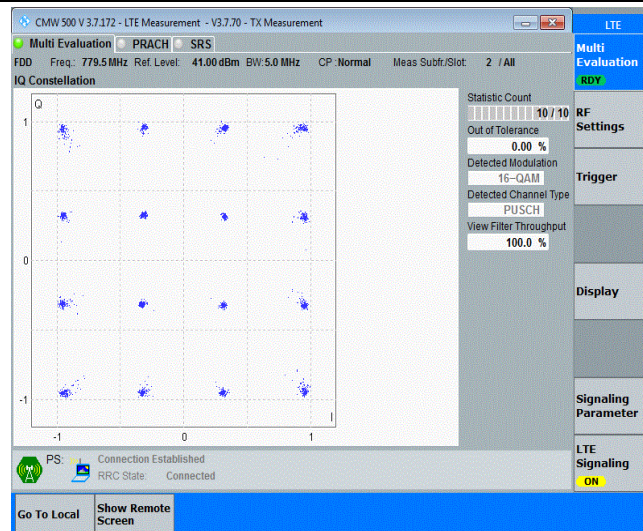
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band13	5MHz	QPSK	23205	25RB#0	PASS	PASS
Band13	5MHz	QPSK	23230	25RB#0	PASS	PASS
Band13	5MHz	QPSK	23255	25RB#0	PASS	PASS
Band13	5MHz	16QAM	23205	25RB#0	PASS	PASS
Band13	5MHz	16QAM	23230	25RB#0	PASS	PASS
Band13	5MHz	16QAM	23255	25RB#0	PASS	PASS
Band13	10MHz	QPSK	23230	50RB#0	PASS	PASS
Band13	10MHz	16QAM	23230	50RB#0	PASS	PASS

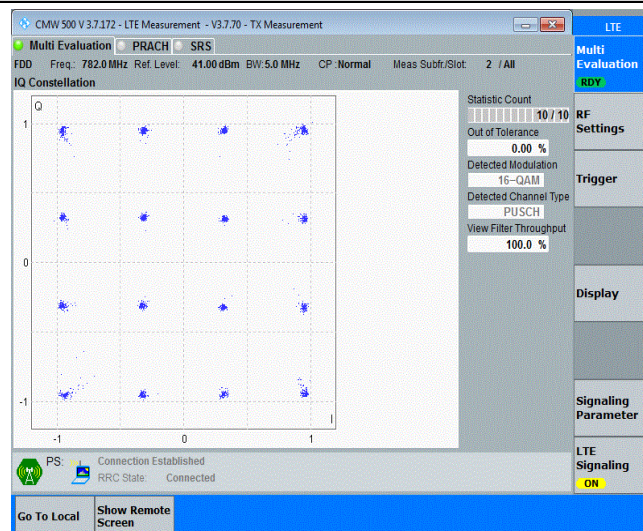
Test Graphs

Band13-5MHz-QPSK-23205-25RB#0**Band13-5MHz-QPSK-23230-25RB#0****Band13-5MHz-QPSK-23255-25RB#0**

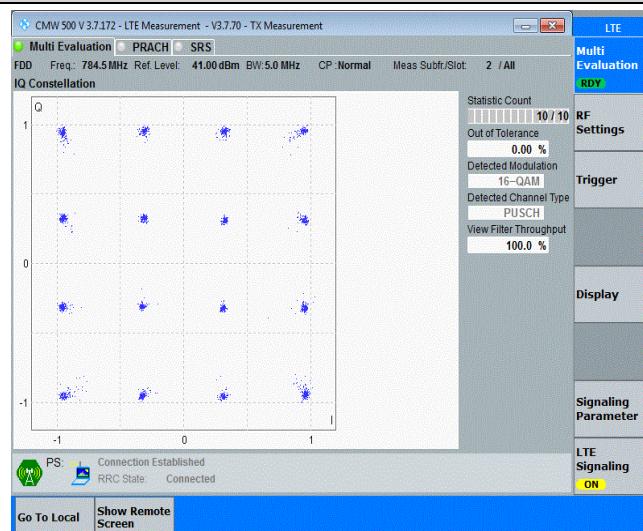
Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-25RB#0



Band13-10MHz-QPSK-23230-50RB#0

