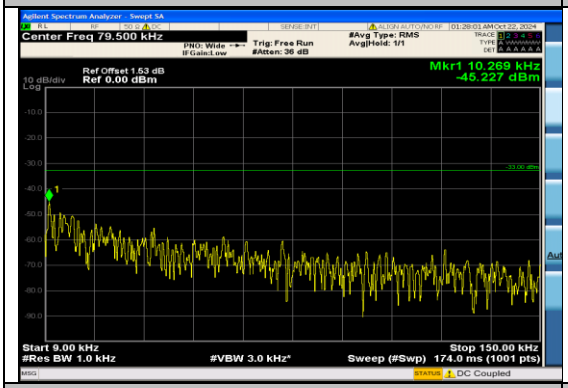
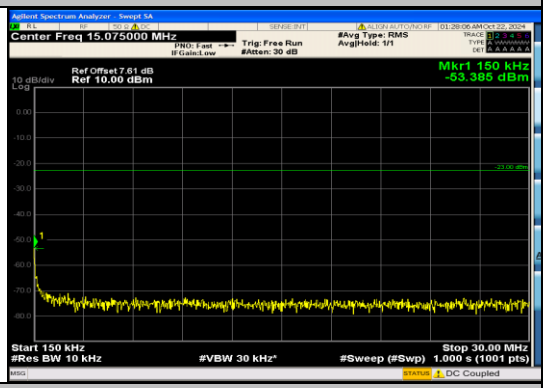
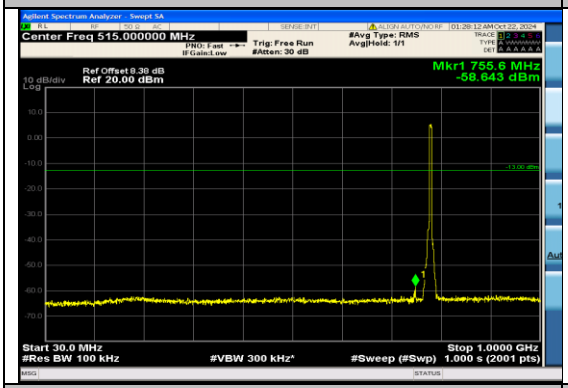
Band13_5MHz_QPSK_23255_1RB#24_1000~3000_1000~3000



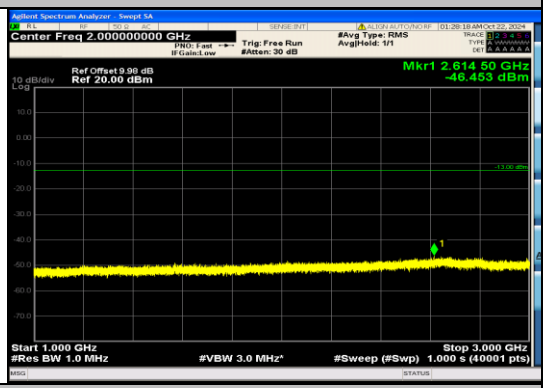
Band13_5MHz_QPSK_23255_1RB#24_3000~10000_3000~10000



Band13_5MHz_QPSK_23255_25RB#0_0.009~0.15_0.009~0.15



Band13_5MHz_QPSK_23255_25RB#0_0.15~30_0.15~30



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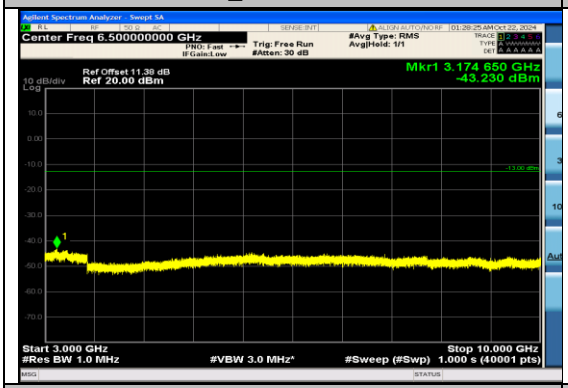

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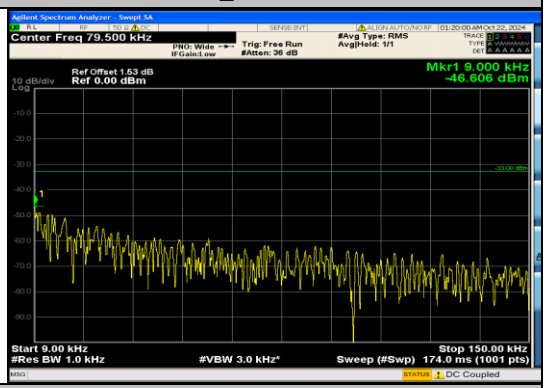
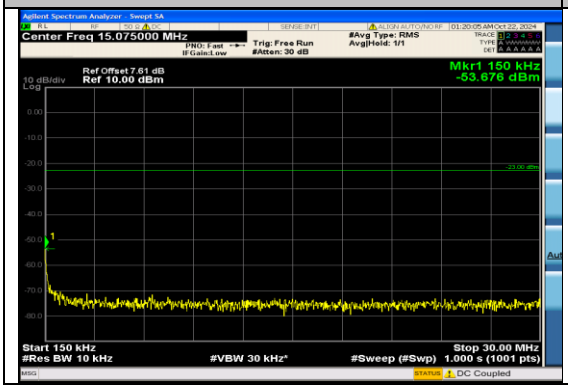
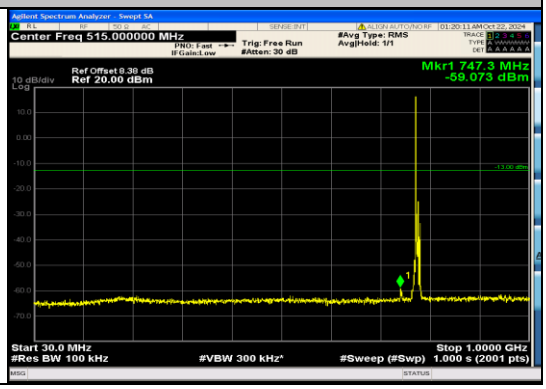


Band13_5MHz_QPSK_23255_25RB#0_3000~10000_3000~10000



Band13_5MHz_16QAM_23205_1RB#0_0.009~0.15_0.009~0.15



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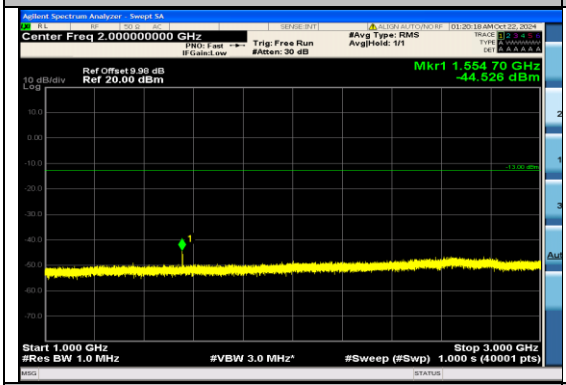

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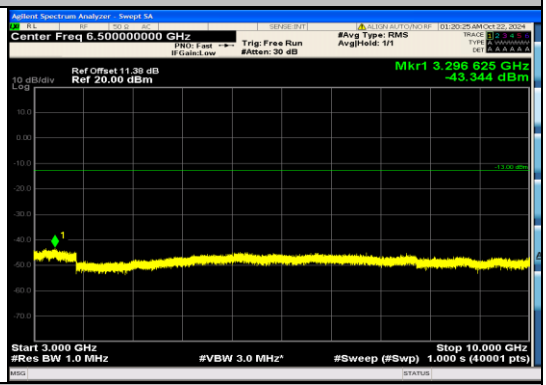

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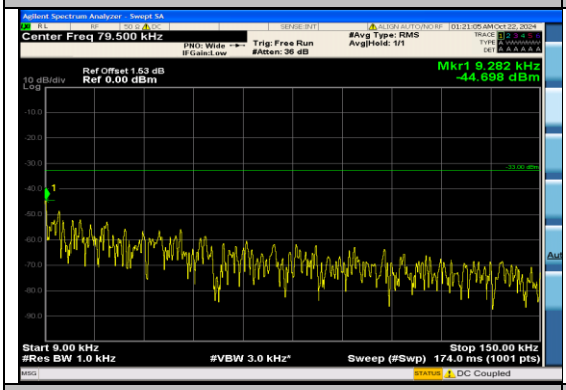

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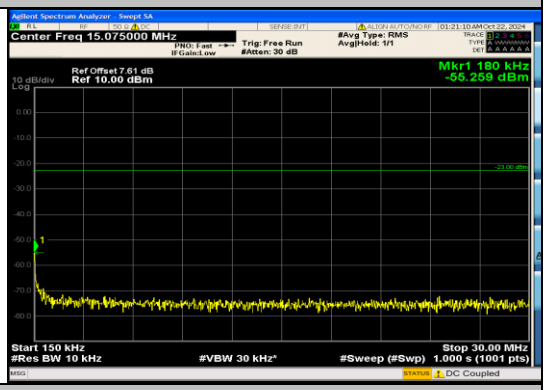
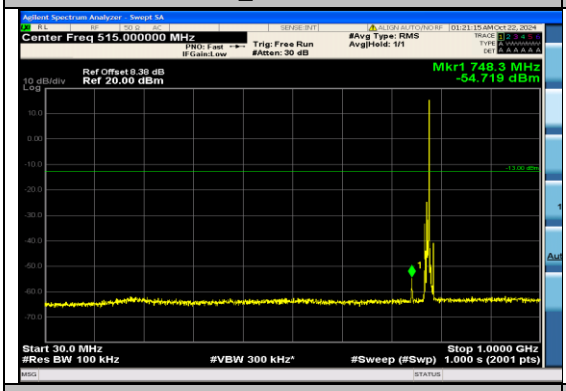
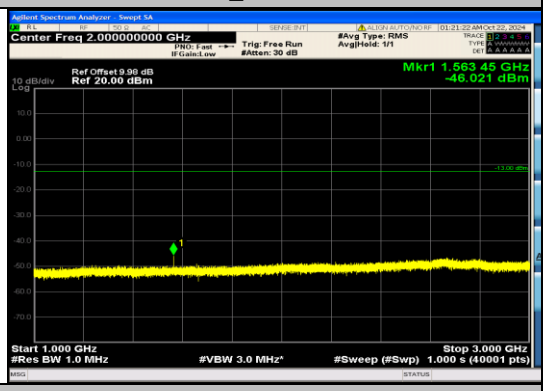


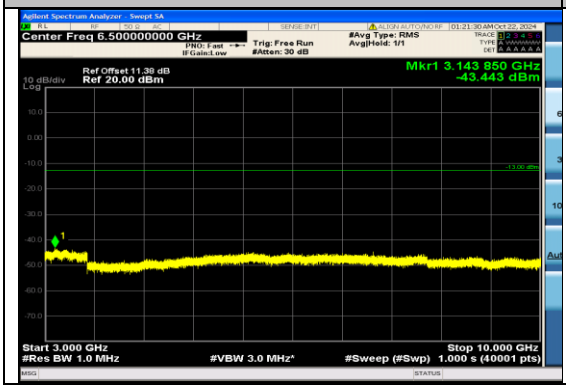
Band13_5MHz_16QAM_23205_1RB#24_0.009~0.15_0.009~0.15



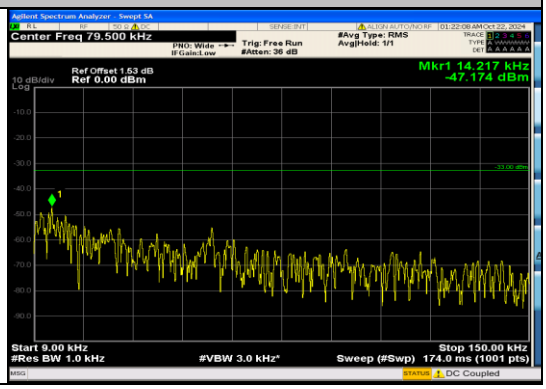
Band13_5MHz_16QAM_23205_1RB#24_0.15~30_0.15~30



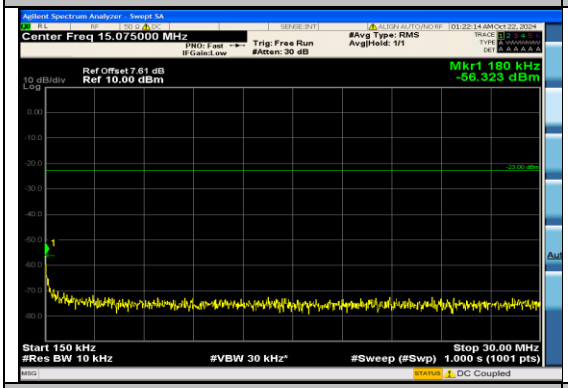
Band13_5MHz_16QAM_23205_1RB#24_30~1000_30~1000



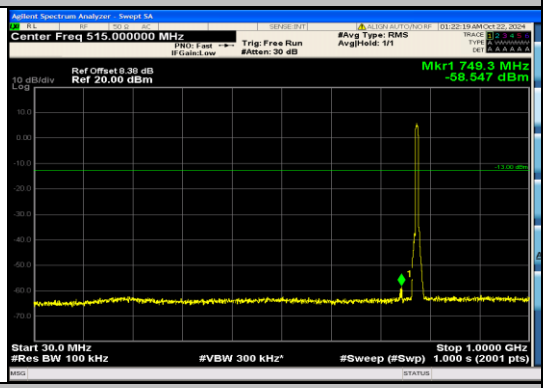
Band13_5MHz_16QAM_23205_1RB#24_1000~3000_1000~3000



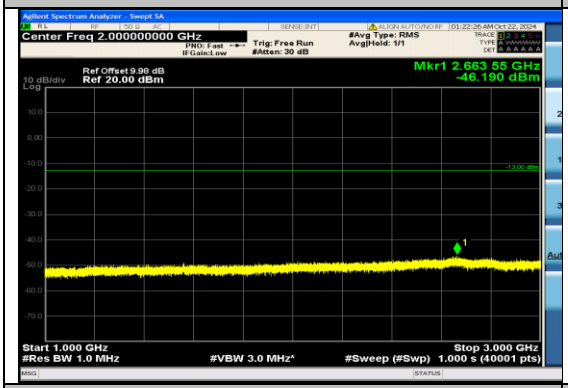
Band13_5MHz_16QAM_23205_1RB#24_3000~10000_3000~10000



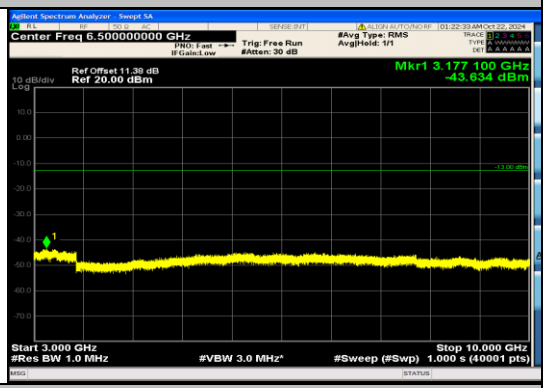
Band13_5MHz_16QAM_23205_25RB#0_0.009~0.15_0.009~0.15



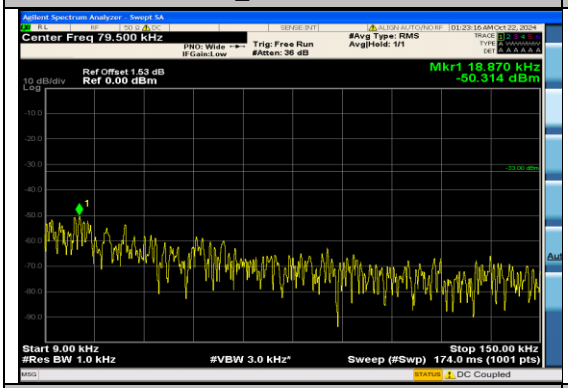
Band13_5MHz_16QAM_23205_25RB#0_0.15~30_0.15~30



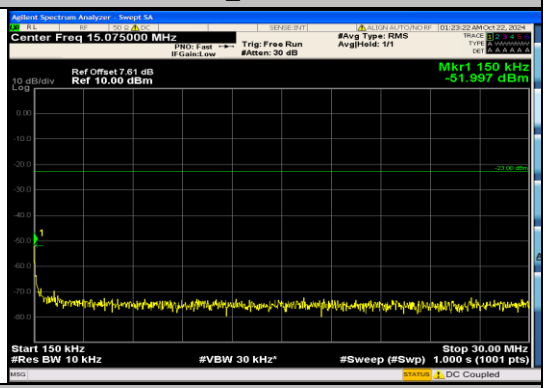
Band13_5MHz_16QAM_23205_25RB#0_30~1000_30~1000



Band13_5MHz_16QAM_23205_25RB#0_1000~3000_1000~3000



Band13_5MHz_16QAM_23205_25RB#0_3000~10000_3000~10000



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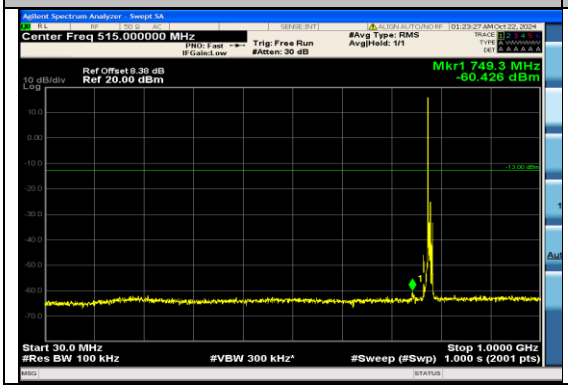

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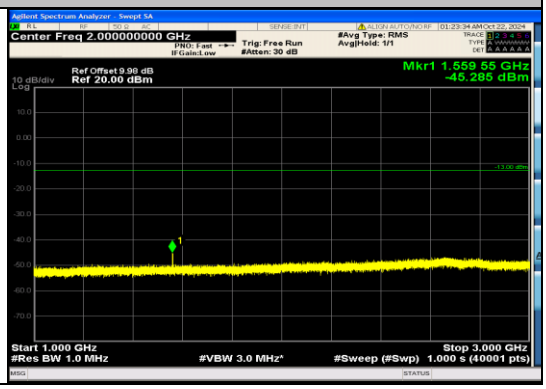

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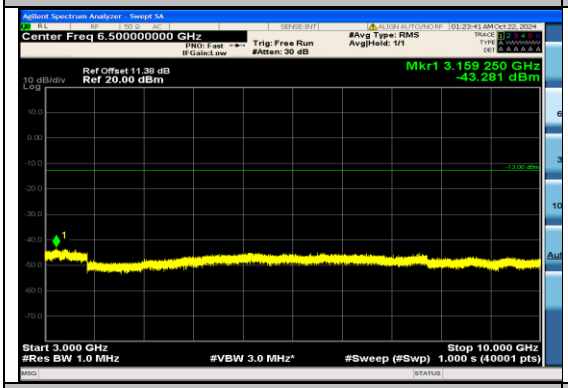

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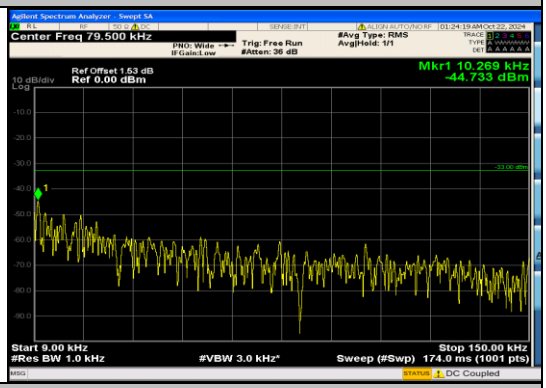
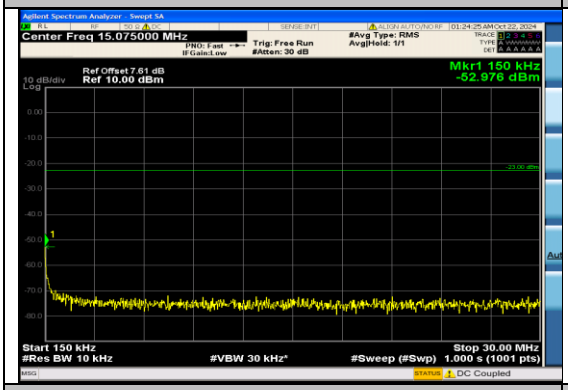
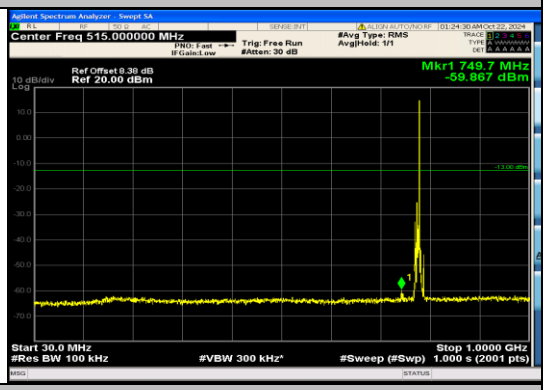


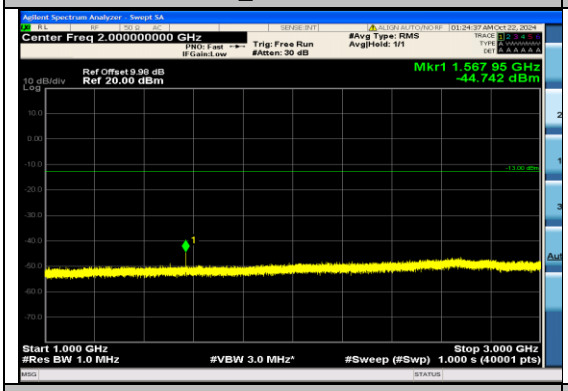
Band13_5MHz_16QAM_23230_1RB#0_3000~10000_3000~10000



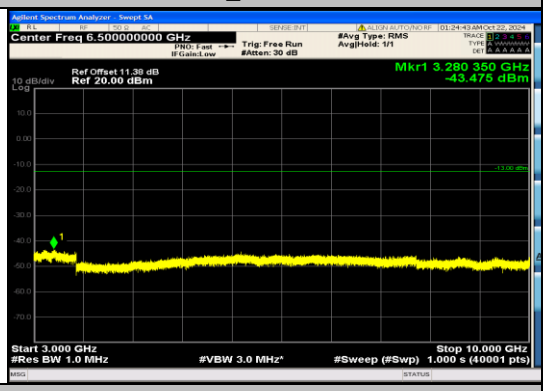
Band13_5MHz_16QAM_23230_1RB#24_0.009~0.15_0.009~0.15



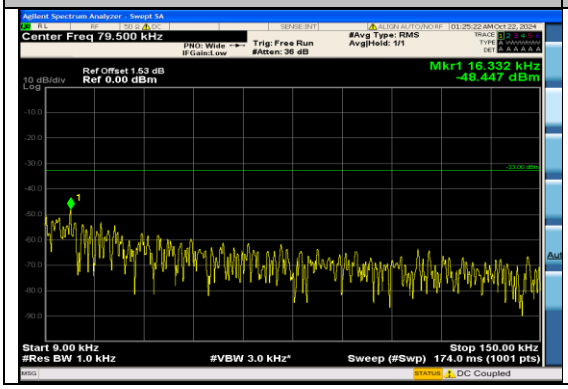
Band13_5MHz_16QAM_23230_1RB#24_0.15~30_0.15~30



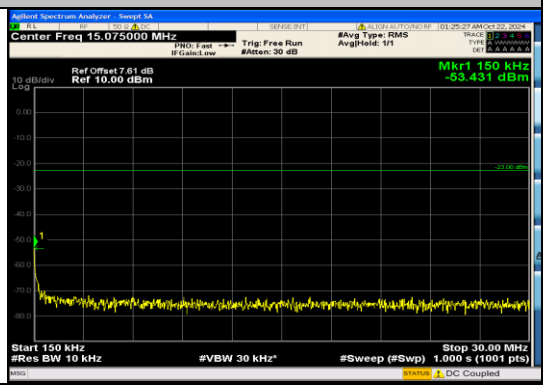
Band13_5MHz_16QAM_23230_1RB#24_30~1000_30~1000



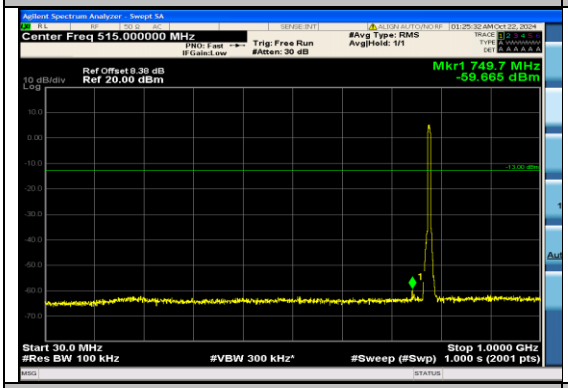
Band13_5MHz_16QAM_23230_1RB#24_1000~3000_1000~3000



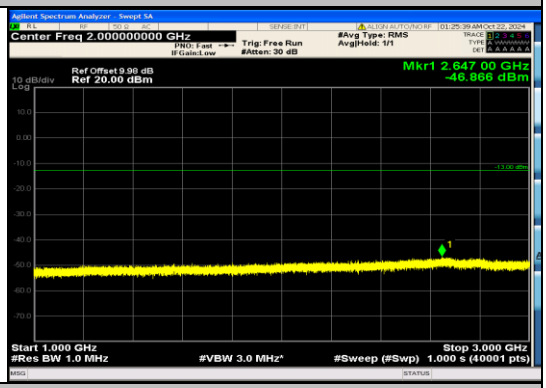
Band13_5MHz_16QAM_23230_1RB#24_3000~10000_3000~10000



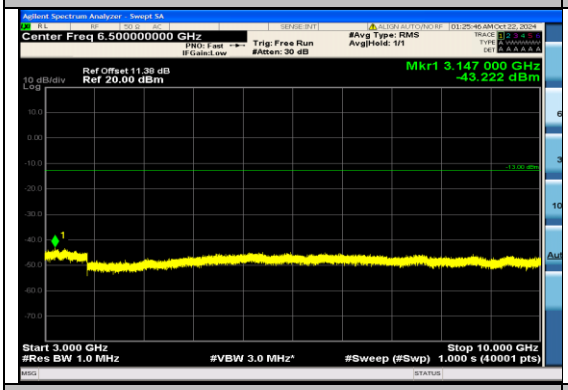
Band13_5MHz_16QAM_23230_25RB#0_0.009~0.15_0.009~0.15



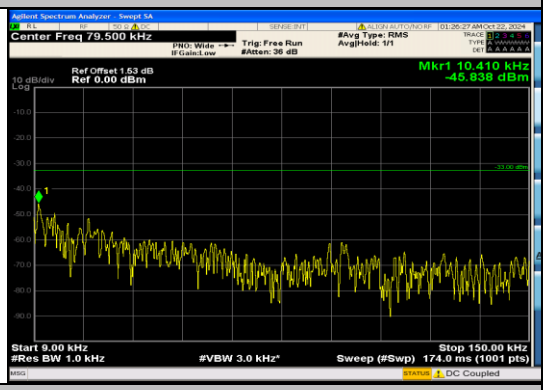
Band13_5MHz_16QAM_23230_25RB#0_0.15~30_0.15~30



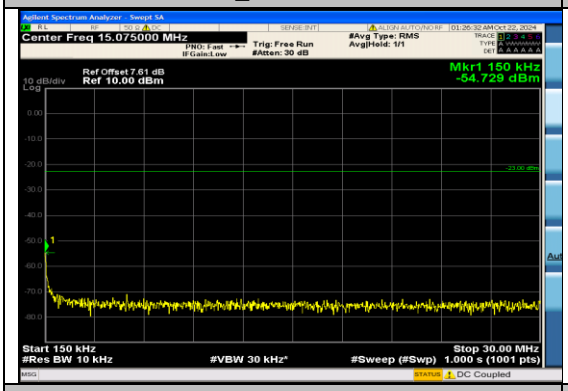
Band13_5MHz_16QAM_23230_25RB#0_30~1000_30~1000



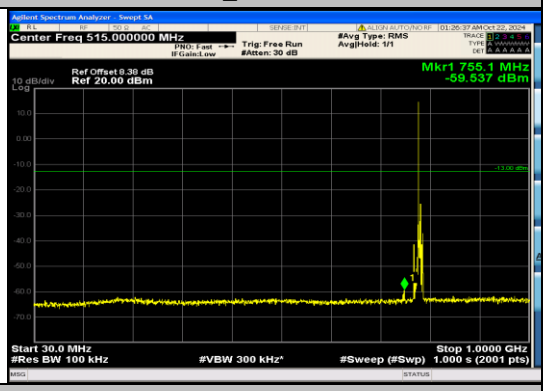
Band13_5MHz_16QAM_23230_25RB#0_1000~3000_1000~3000



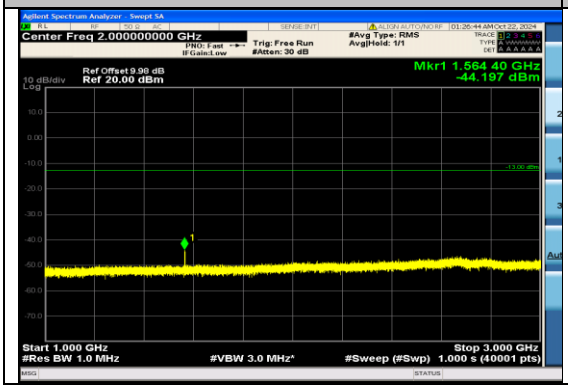
Band13_5MHz_16QAM_23230_25RB#0_3000~10000_3000~10000



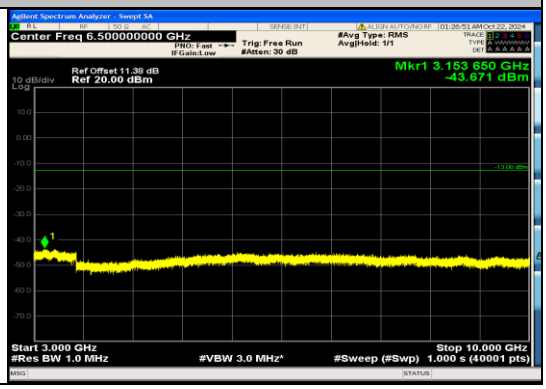
Band13_5MHz_16QAM_23255_1RB#0_0.009~0.15_0.009~0.15



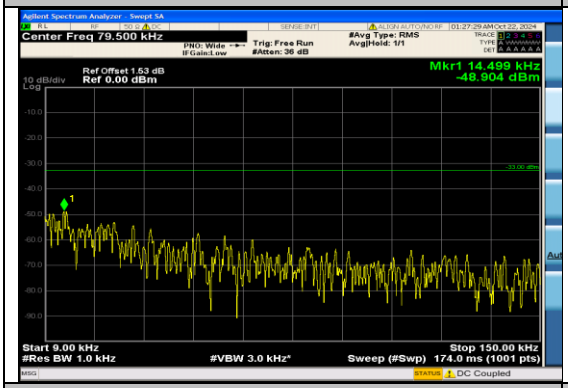
Band13_5MHz_16QAM_23255_1RB#0_0.15~30_0.15~30



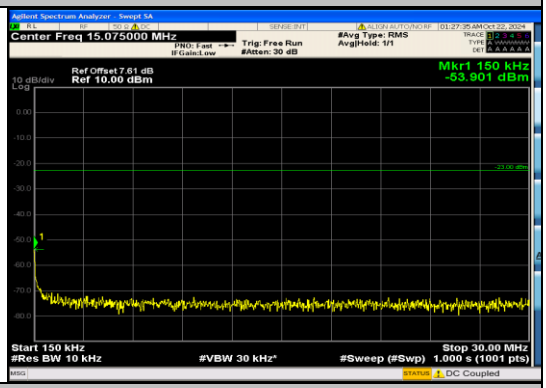
Band13_5MHz_16QAM_23255_1RB#0_30~1000_30~1000



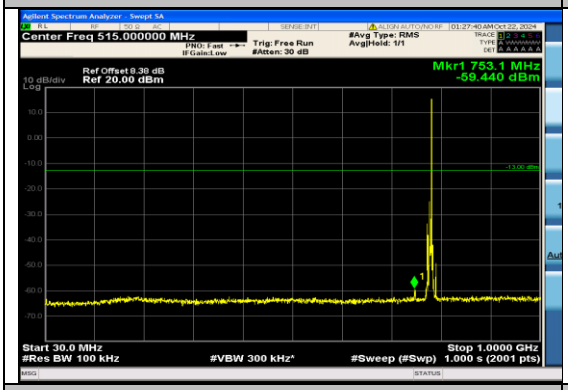
Band13_5MHz_16QAM_23255_1RB#0_1000~3000_1000~3000



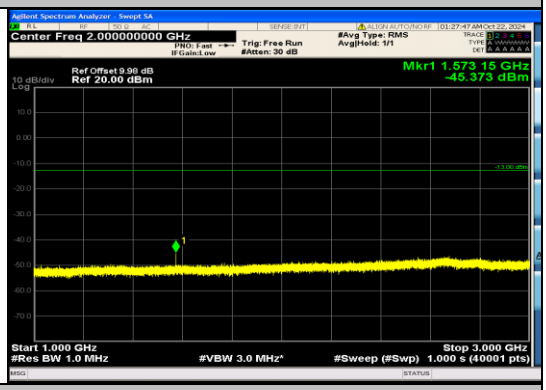
Band13_5MHz_16QAM_23255_1RB#0_3000~10000_3000~10000



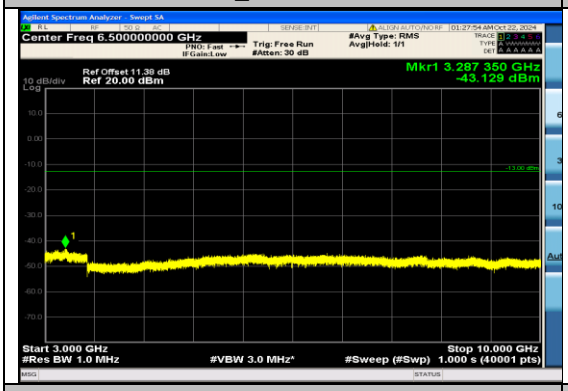
Band13_5MHz_16QAM_23255_1RB#24_0.009~0.15_0.009~0.15



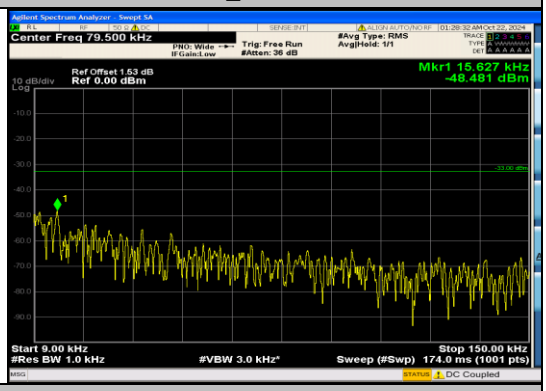
Band13_5MHz_16QAM_23255_1RB#24_0.15~30_0.15~30



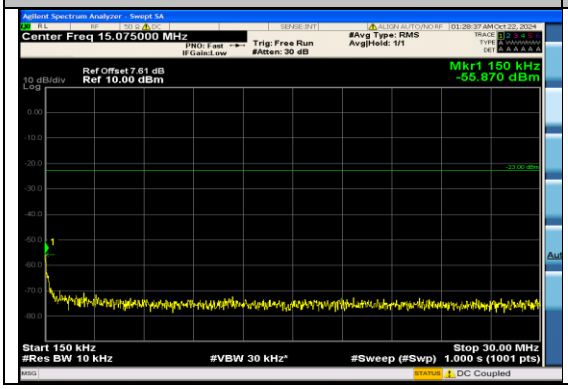
Band13_5MHz_16QAM_23255_1RB#24_30~1000_30~1000



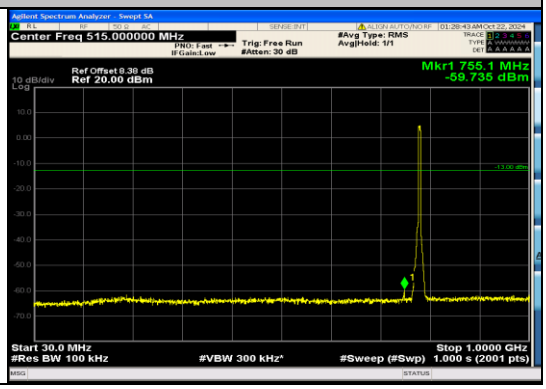
Band13_5MHz_16QAM_23255_1RB#24_1000~3000_1000~3000



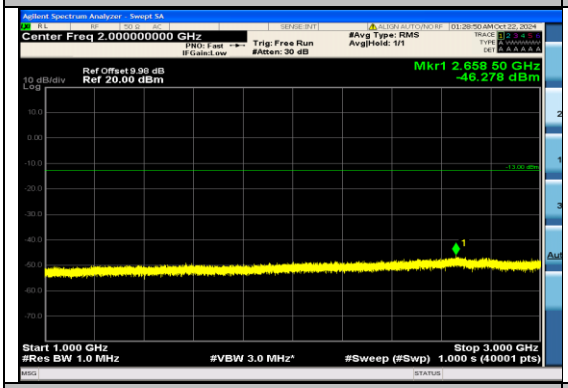
Band13_5MHz_16QAM_23255_1RB#24_3000~10000_3000~10000



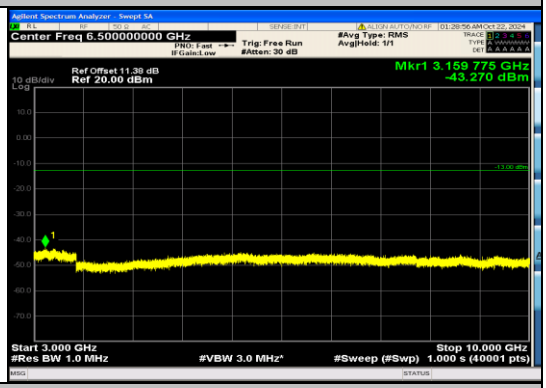
Band13_5MHz_16QAM_23255_25RB#0_0.009~0.15_0.009~0.15



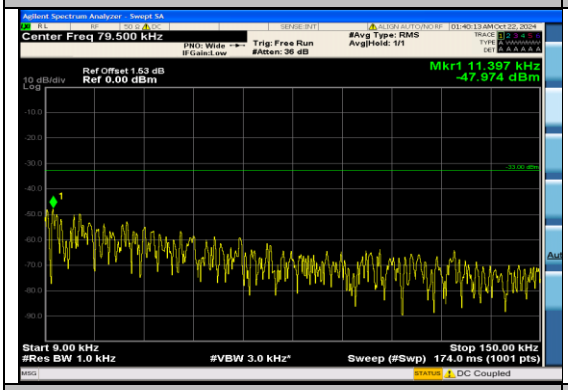
Band13_5MHz_16QAM_23255_25RB#0_0.15~30_0.15~30



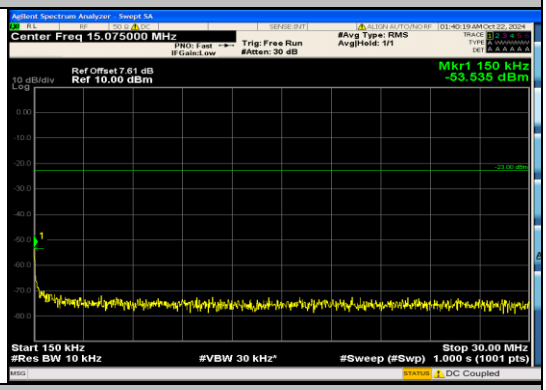
Band13_5MHz_16QAM_23255_25RB#0_30~1000_30~1000



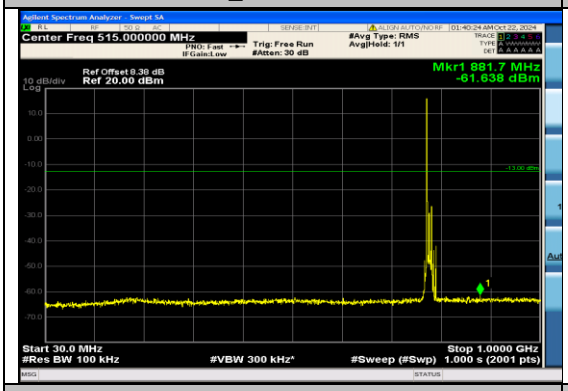
Band13_5MHz_16QAM_23255_25RB#0_1000~3000_1000~3000



Band13_5MHz_16QAM_23255_25RB#0_3000~10000_3000~10000



Band13_10MHz_QPSK_23230_1RB#0_0.009~0.15_0.009~0.15



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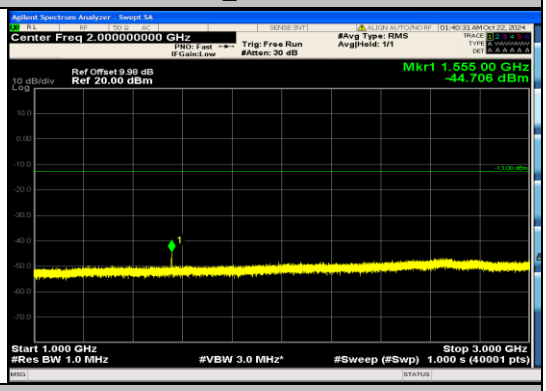

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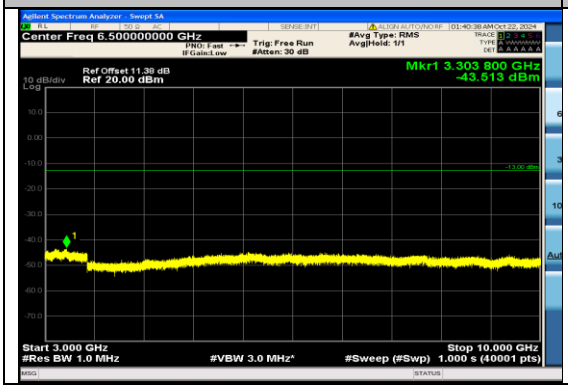
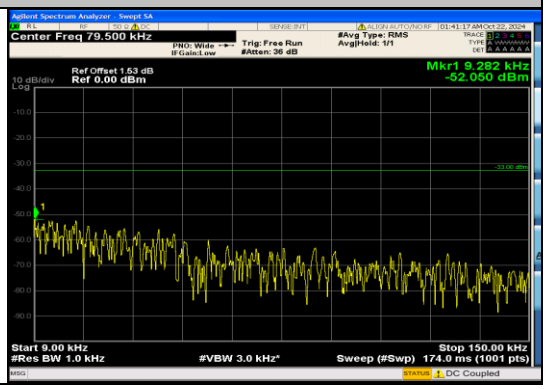
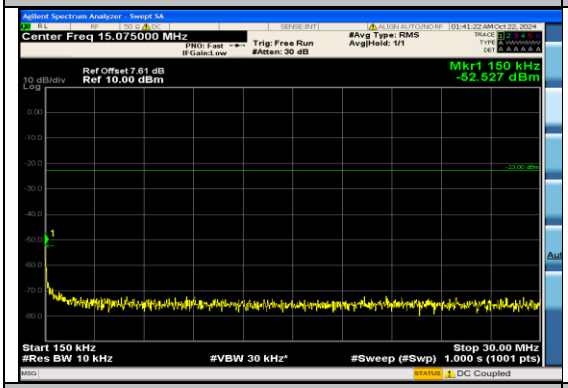


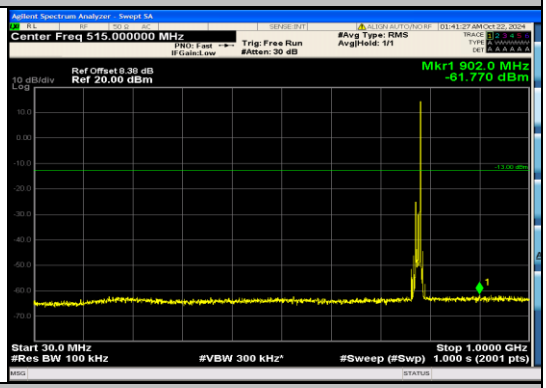
Band13_10MHz_QPSK_23230_1RB#0_1000~3000_1000~3000



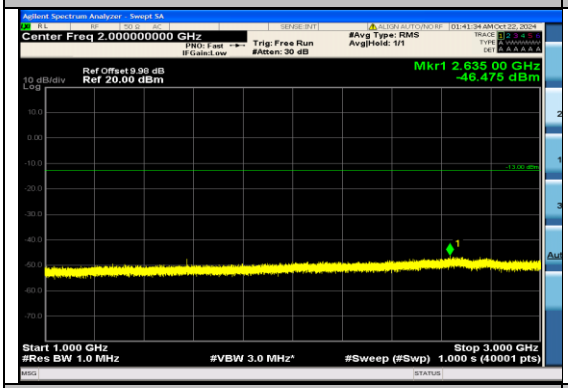
Band13_10MHz_QPSK_23230_1RB#0_3000~10000_3000~10000



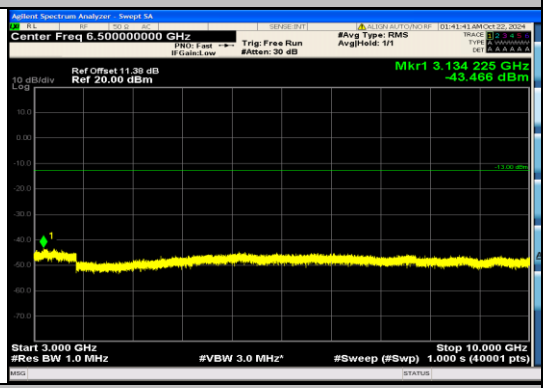
Band13_10MHz_QPSK_23230_1RB#49_0.009~0.15_0.009~0.15



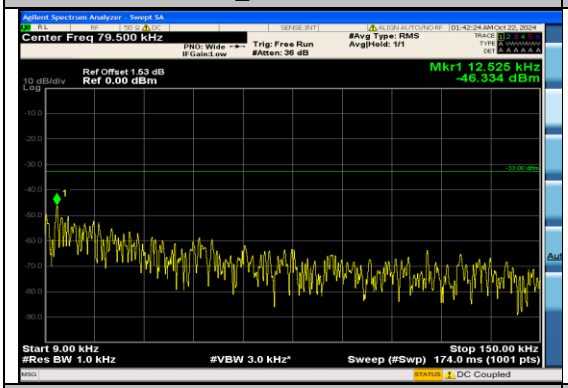
Band13_10MHz_QPSK_23230_1RB#49_0.15~30_0.15~30



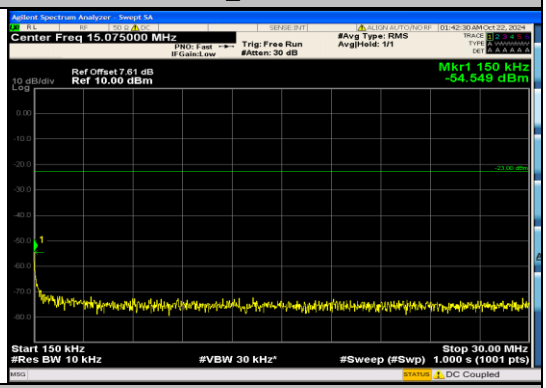
Band13_10MHz_QPSK_23230_1RB#49_30~1000_30~1000



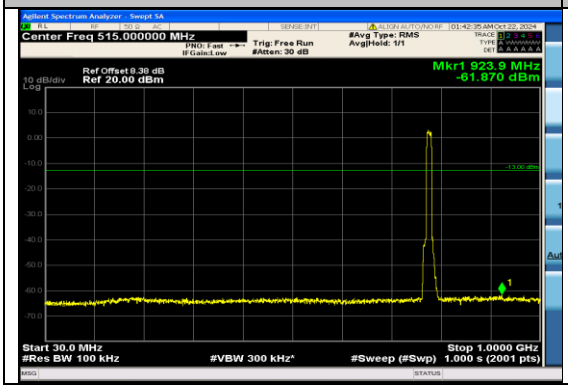
Band13_10MHz_QPSK_23230_1RB#49_1000~3000_1000~3000



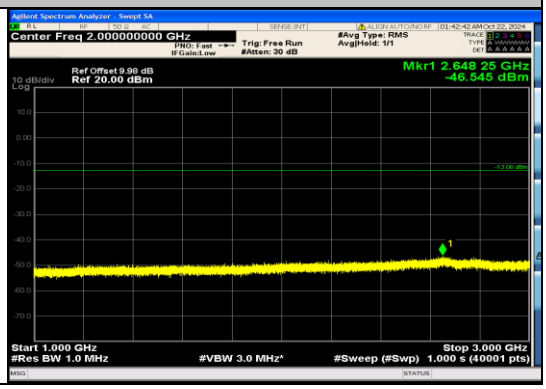
Band13_10MHz_QPSK_23230_1RB#49_3000~10000_3000~10000



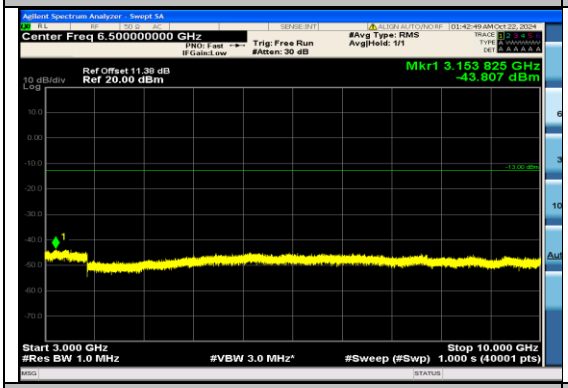
Band13_10MHz_QPSK_23230_50RB#0_0.009~0.15_0.009~0.15



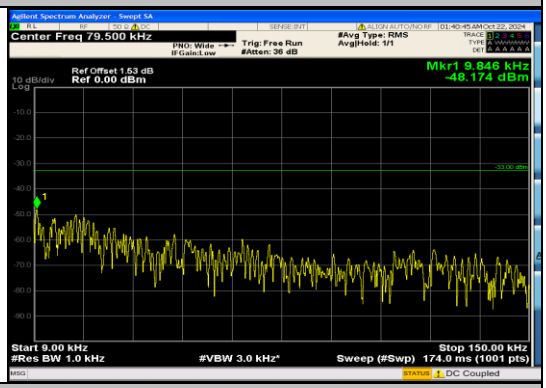
Band13_10MHz_QPSK_23230_50RB#0_0.15~30_0.15~30



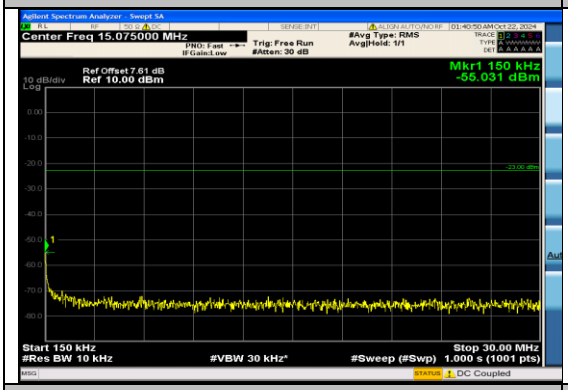
Band13_10MHz_QPSK_23230_50RB#0_30~1000_30~1000



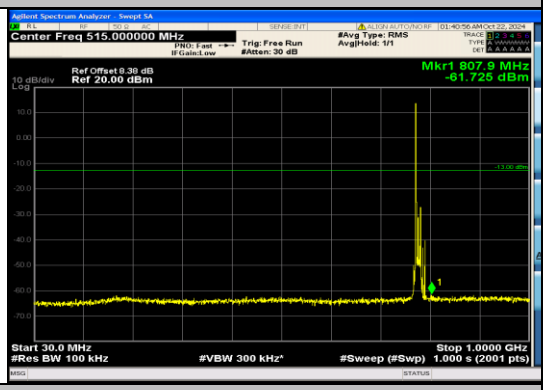
Band13_10MHz_QPSK_23230_50RB#0_1000~3000_1000~3000



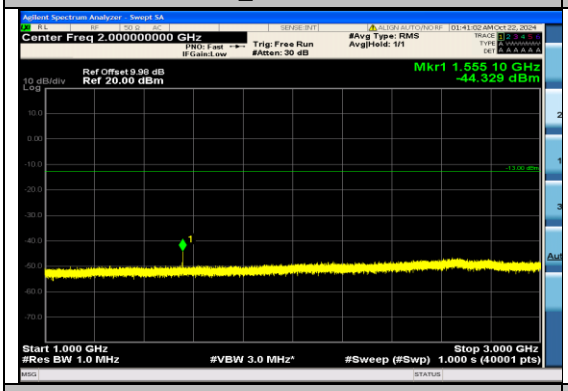
Band13_10MHz_QPSK_23230_50RB#0_3000~10000_3000~10000



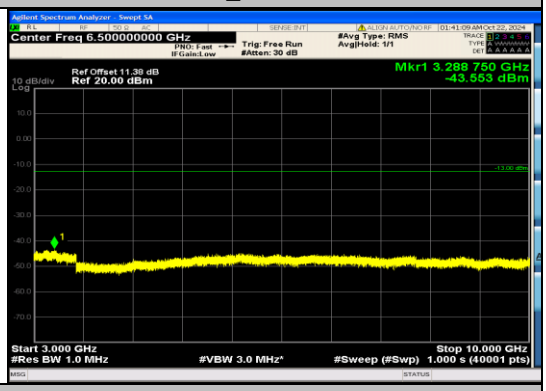
Band13_10MHz_16QAM_23230_1RB#0_0.009~0.15_0.009~0.15



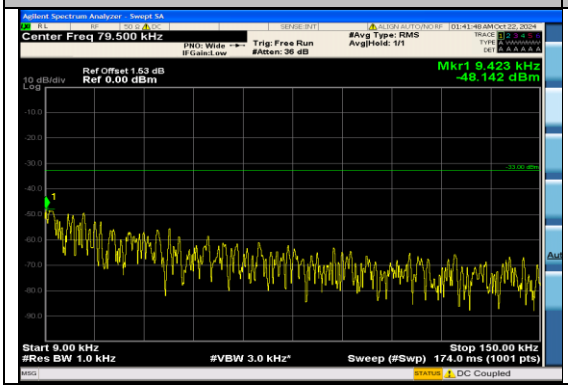
Band13_10MHz_16QAM_23230_1RB#0_0.15~30_0.15~30



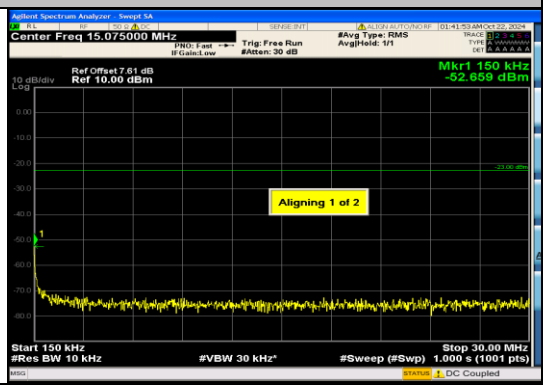
Band13_10MHz_16QAM_23230_1RB#0_30~1000_30~1000

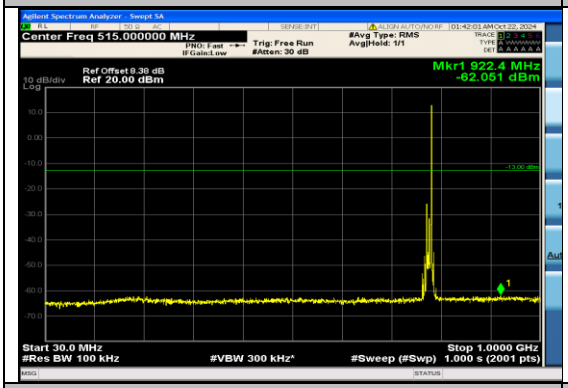
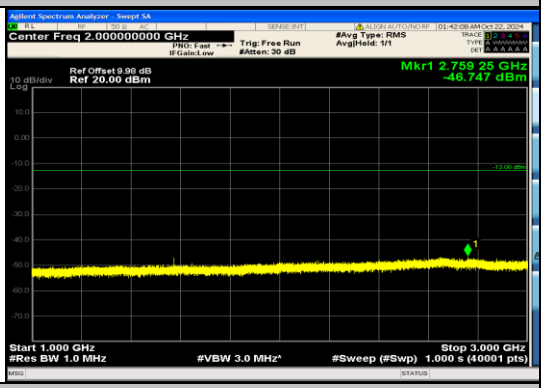
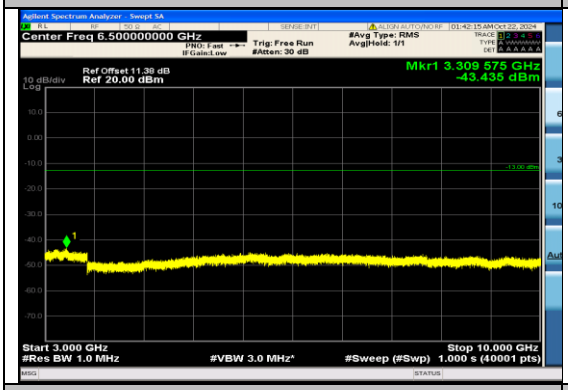


Band13_10MHz_16QAM_23230_1RB#0_1000~3000_1000~3000



Band13_10MHz_16QAM_23230_1RB#0_3000~10000_3000~10000



Band13_10MHz_16QAM_23230_1RB#49_0.009~0.15_0.009~0.15	Band13_10MHz_16QAM_23230_1RB#49_0.15~30_0.15~30
	
Band13_10MHz_16QAM_23230_1RB#49_30~1000_30~1000	Band13_10MHz_16QAM_23230_1RB#49_1000~3000_1000~3000
	
Band13_10MHz_16QAM_23230_1RB#49_3000~10000_3000~10000	

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandName	Bandwidth	Modulation	Channel	RBcfg	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	15.79	0.020257	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	25.84	0.033149	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	21.27	0.027287	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	12.59	0.016151	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	4.13	0.005298	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	18.60	0.023861	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	3.76	0.004824	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	7.64	0.009801	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	7.87	0.010096	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	31.83	0.040703	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	16.69	0.021343	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	25.32	0.032379	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	18.37	0.023491	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	21.59	0.027609	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	21.76	0.027826	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	19.43	0.024847	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	12.77	0.016330	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	15.88	0.020307	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	21.94	0.027967	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	17.27	0.022014	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	30.01	0.038254	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	23.98	0.030567	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	29.97	0.038203	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	21.16	0.026973	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	25.36	0.032326	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	16.01	0.020408	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	25.61	0.032645	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-14.92	-0.019140	±2.5	PASS

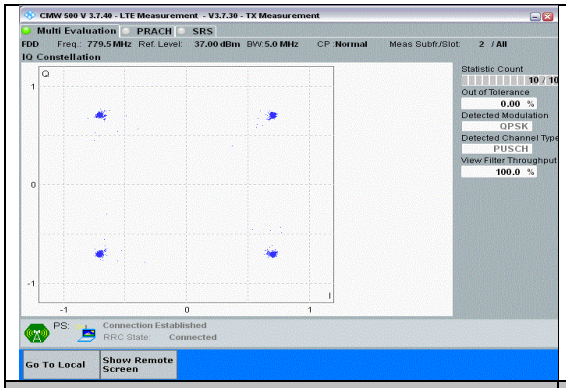
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-3.49	-0.004477	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-8.24	-0.010571	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-2.46	-0.003156	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-15.96	-0.020475	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-14.15	-0.018153	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-32.52	-0.041719	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-28.18	-0.036151	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-23.06	-0.029583	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-28.51	-0.036458	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-15.51	-0.019834	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-22.76	-0.029105	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-31.37	-0.040115	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-21.00	-0.026854	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-24.79	-0.031701	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-28.67	-0.036662	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-14.96	-0.019130	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-10.39	-0.013286	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-11.74	-0.014965	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-16.15	-0.020586	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-16.64	-0.021211	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-9.47	-0.012071	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-2.85	-0.003633	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	11.63	0.014825	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	15.26	0.019452	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	18.95	0.024156	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	29.73	0.037897	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-21.54	-0.027545	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-31.69	-0.040524	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-31.67	-0.040499	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-15.71	-0.020090	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-19.63	-0.025102	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-25.16	-0.032174	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-19.61	-0.025077	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-13.80	-0.017647	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-11.43	-0.014616	±2.5	PASS

Appendix G: Modulation Characteristics

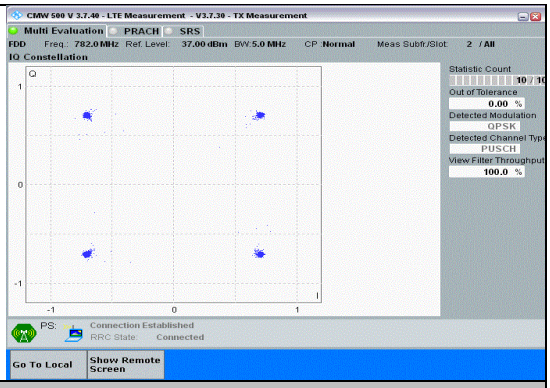
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band13	5MHz	QPSK	23205	25RB#0	PASS
Band13	5MHz	QPSK	23230	25RB#0	PASS
Band13	5MHz	QPSK	23255	25RB#0	PASS
Band13	5MHz	16QAM	23205	25RB#0	PASS
Band13	5MHz	16QAM	23230	25RB#0	PASS
Band13	5MHz	16QAM	23255	25RB#0	PASS
Band13	10MHz	QPSK	23230	50RB#0	PASS
Band13	10MHz	16QAM	23230	1RB#0	PASS

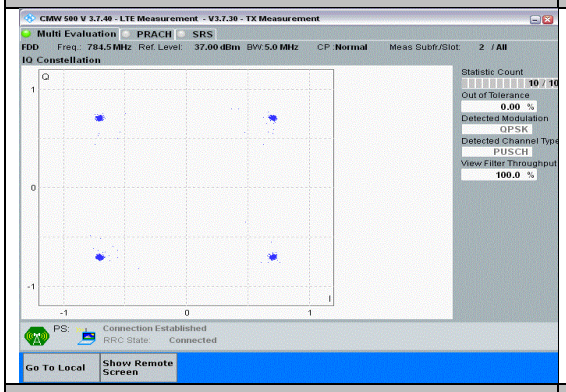
Test Graphs



Band13-5MHz-QPSK-23205-25RB#0-PASS



Band13-5MHz-QPSK-23230-25RB#0-PASS



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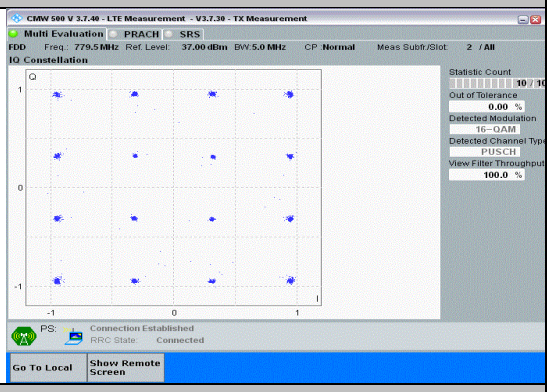

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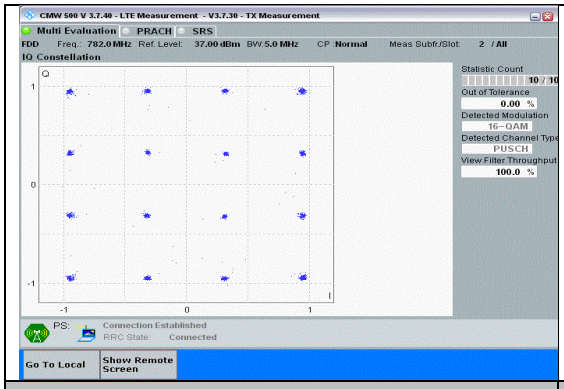

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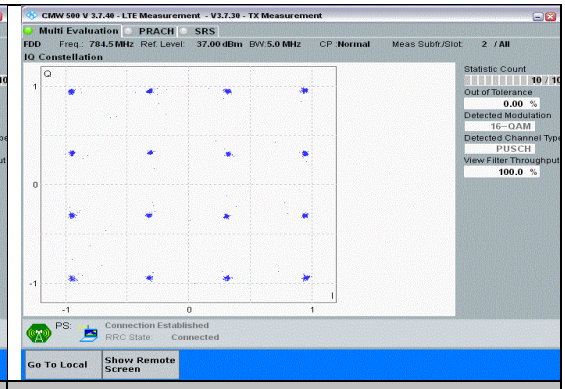

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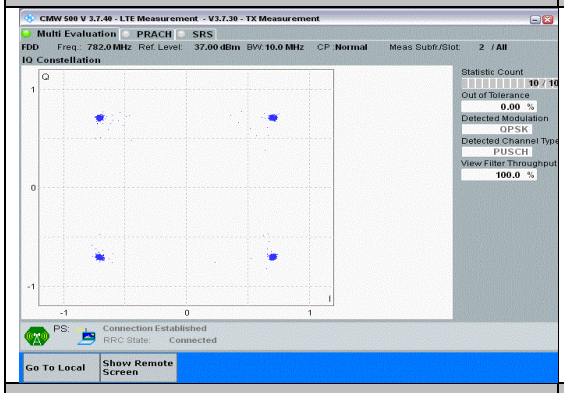

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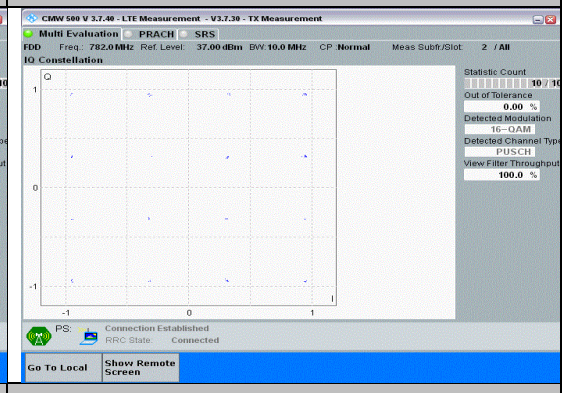

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