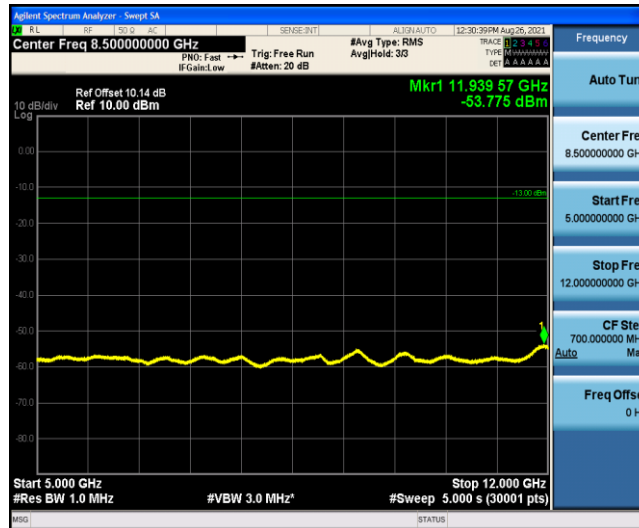
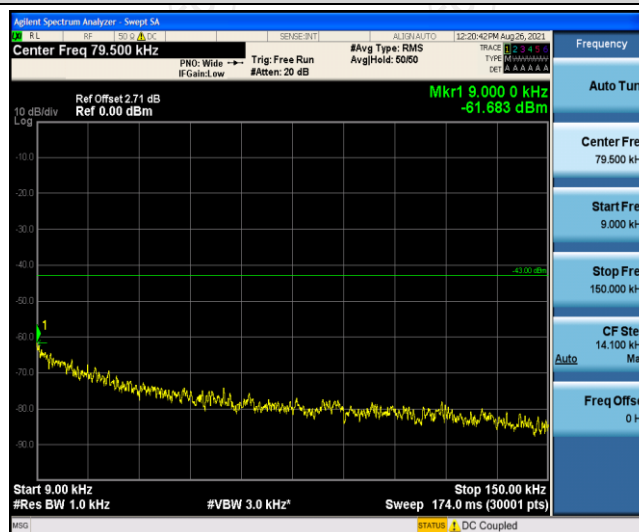




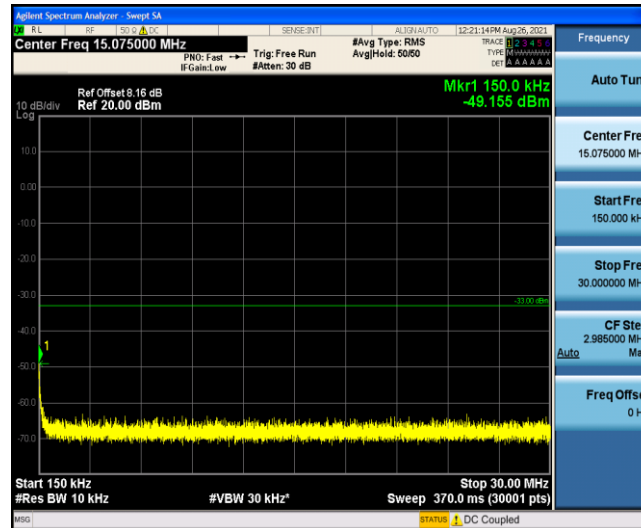
Band2-20MHz-QPSK-19100-1RB#0-Range6:12000~26500MHz



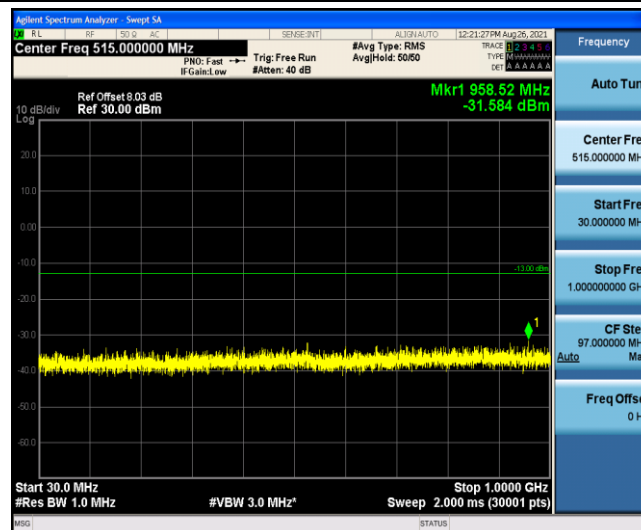
Band2-20MHz-16QAM-18700-1RB#0-Range1:0.009~0.15MHz



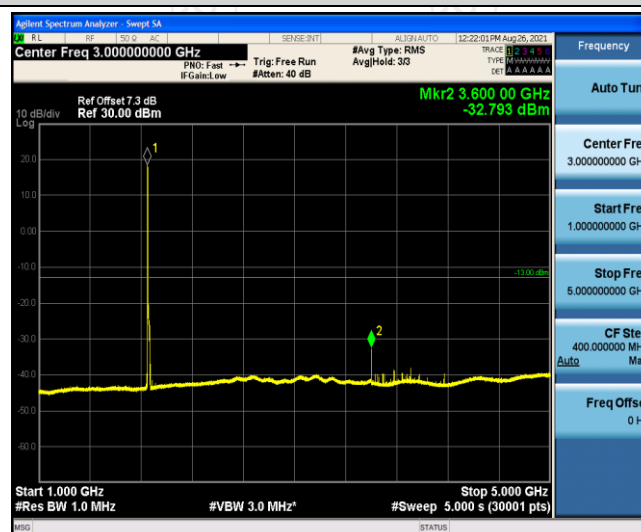
Band2-20MHz-16QAM-18700-1RB#0-Range2:0.15~30MHz



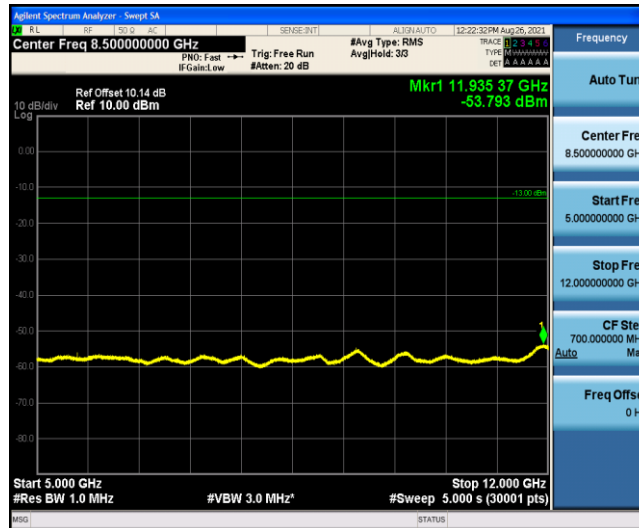
Band2-20MHz-16QAM-18700-1RB#0-Range3:30~1000MHz



Band2-20MHz-16QAM-18700-1RB#0-Range4:1000~5000MHz



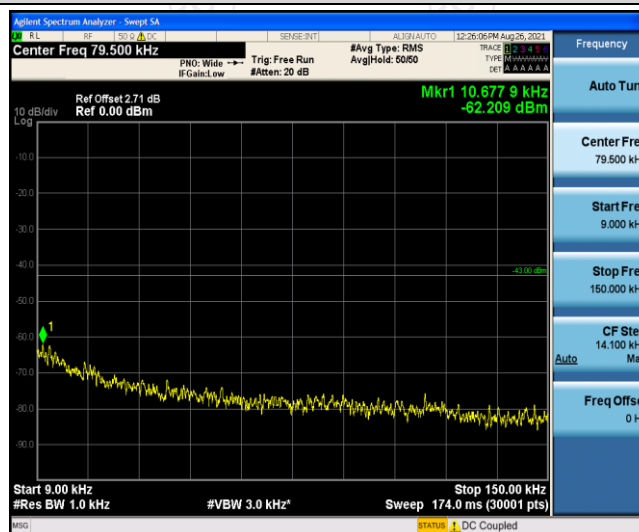
Band2-20MHz-16QAM-18700-1RB#0-Range5:5000~12000MHz



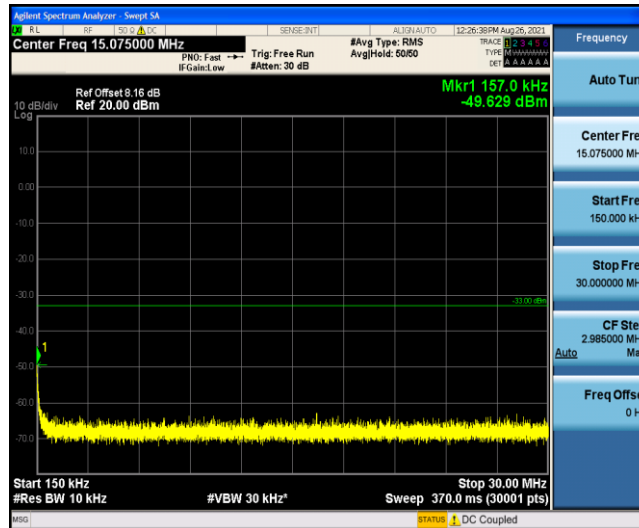
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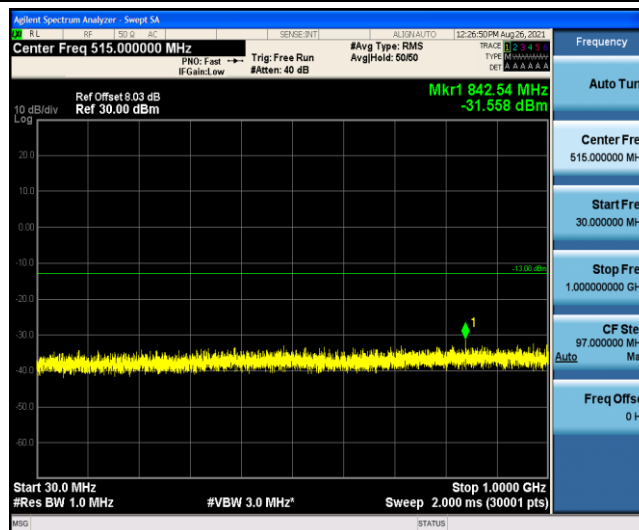
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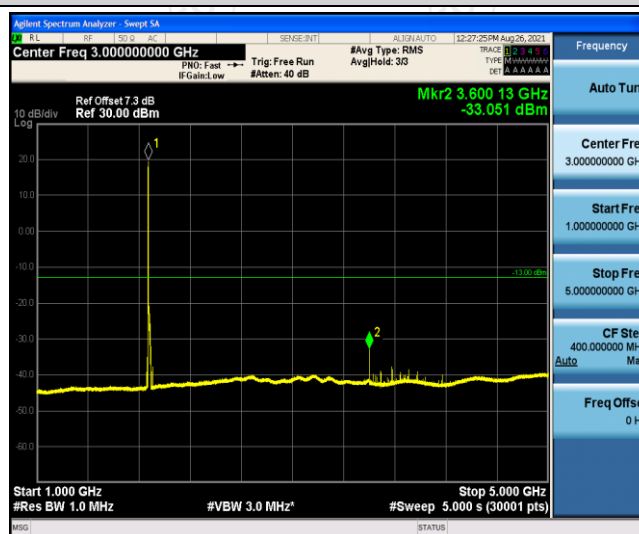
Band2-20MHz-16QAM-18900-1RB#0-Range2:0.15~30MHz



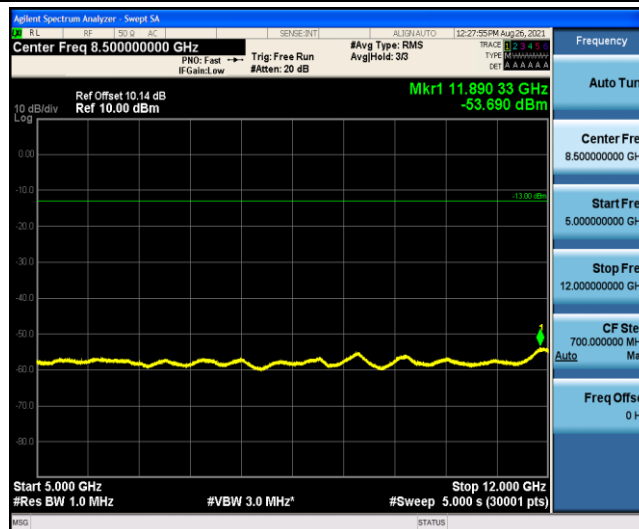
Band2-20MHz-16QAM-18900-1RB#0-Range3:30~1000MHz



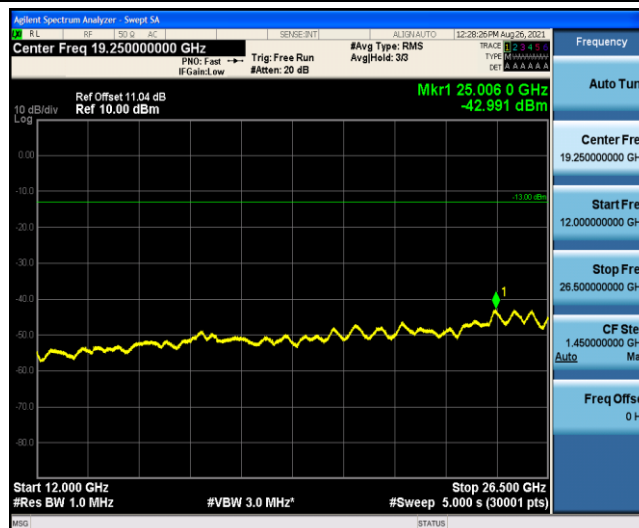
Band2-20MHz-16QAM-18900-1RB#0-Range4:1000~5000MHz



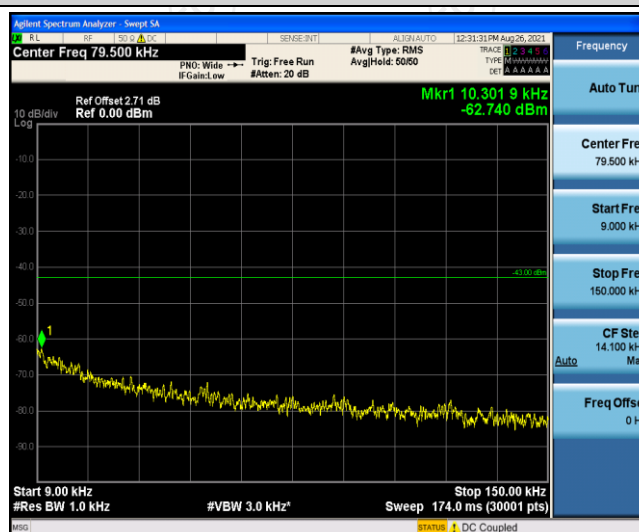
Band2-20MHz-16QAM-18900-1RB#0-Range5:5000~12000MHz



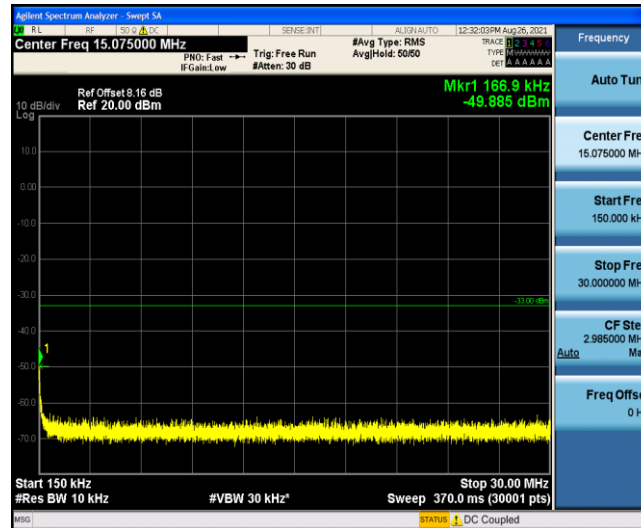
Band2-20MHz-16QAM-18900-1RB#0-Range6:12000~26500MHz



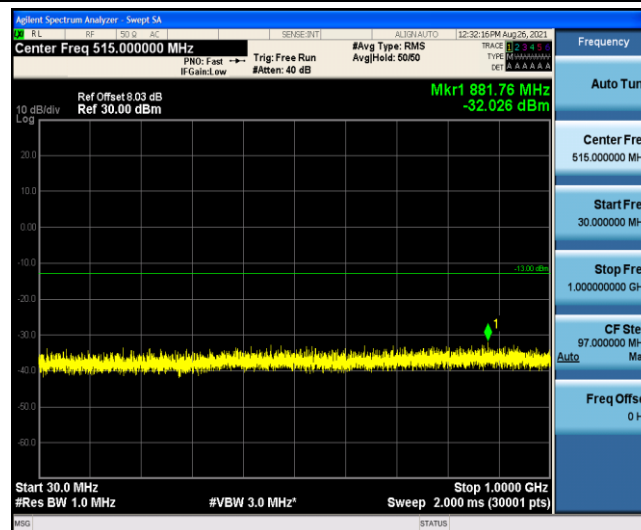
Band2-20MHz-16QAM-19100-1RB#0-Range1:0.009~0.15MHz



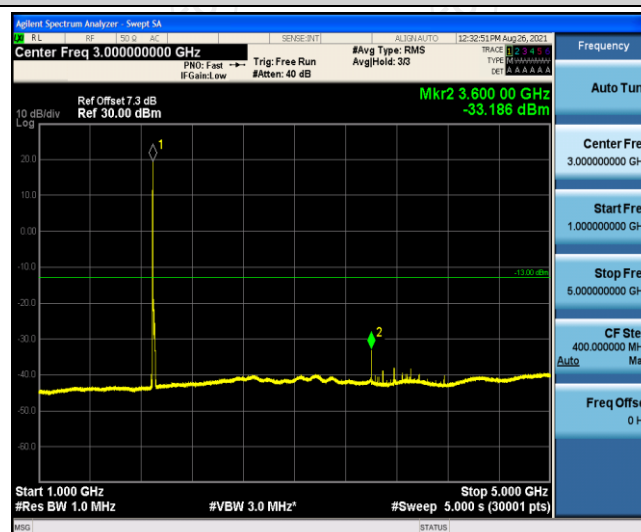
Band2-20MHz-16QAM-19100-1RB#0-Range2:0.15~30MHz



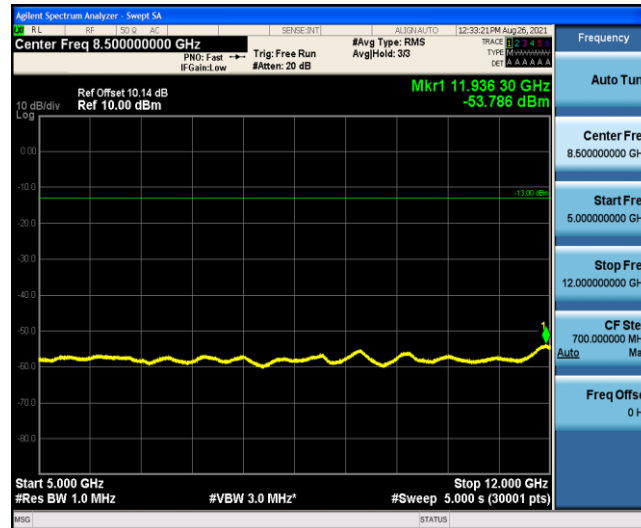
Band2-20MHz-16QAM-19100-1RB#0-Range3:30~1000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range4:1000~5000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range5:5000~12000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range6:12000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	-13.22	-0.007143	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-42.07	-0.022732	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	12.90	0.006970	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	2.19	0.001165	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	12.92	0.006872	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	52.56	0.027957	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	-9.26	-0.004850	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	-9.61	-0.005033	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	10.51	0.005505	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	43.64	0.023580	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	41.46	0.022402	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	53.79	0.029065	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	38.77	0.020622	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	27.91	0.014846	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	42.34	0.022521	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	19.51	0.010218	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	21.76	0.011397	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	24.03	0.012586	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	36.36	0.019647	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	10.60	0.005728	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	28.71	0.015513	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	3.68	0.001988	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	17.95	0.009699	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	41.14	0.021883	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	30.77	0.016367	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	28.31	0.015059	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	7.07	0.003761	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	37.48	0.019936	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	27.29	0.014293	±2.5	PASS

Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	48.04	0.025161	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	-3.81	-0.001995	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	19.97	0.010459	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	42.19	0.022097	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	53.76	0.029048	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	25.99	0.014043	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	31.54	0.017042	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	32.60	0.017615	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	45.36	0.024510	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	-9.27	-0.004931	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	16.87	0.008973	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	29.03	0.015441	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	40.91	0.021761	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	57.26	0.030457	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	22.57	0.011821	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	30.20	0.015817	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	30.58	0.016016	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	31.80	0.016655	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	35.22	0.018447	±2.5	PASS

Appendix G: Modulation Characteristics

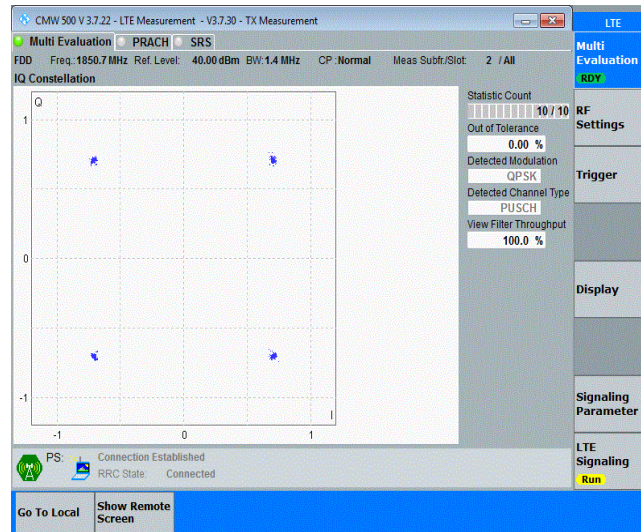
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	PASS	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	PASS	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	PASS	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS	PASS
Band2	3MHz	QPSK	18900	15RB#0	PASS	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS	PASS
Band2	3MHz	16QAM	18900	15RB#0	PASS	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS	PASS
Band2	5MHz	QPSK	18900	25RB#0	PASS	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS	PASS
Band2	5MHz	16QAM	18900	25RB#0	PASS	PASS
Band2	5MHz	16QAM	19175	25RB#0	PASS	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS	PASS
Band2	10MHz	QPSK	18900	50RB#0	PASS	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS	PASS
Band2	10MHz	16QAM	18650	50RB#0	PASS	PASS
Band2	10MHz	16QAM	18900	50RB#0	PASS	PASS
Band2	10MHz	16QAM	19150	50RB#0	PASS	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS	PASS
Band2	15MHz	QPSK	18900	75RB#0	PASS	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS	PASS
Band2	15MHz	16QAM	18675	75RB#0	PASS	PASS
Band2	15MHz	16QAM	18900	75RB#0	PASS	PASS
Band2	15MHz	16QAM	19125	75RB#0	PASS	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS	PASS
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18700	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS
Band2	20MHz	16QAM	19100	100RB#0	PASS	PASS

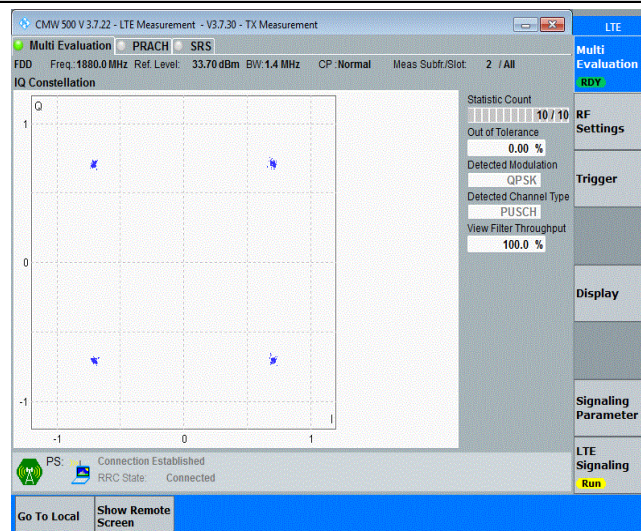


Test Graphs

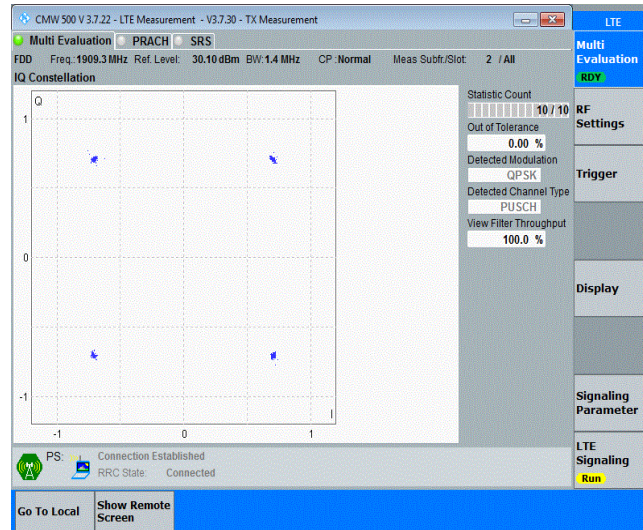
Band2-1.4MHz-QPSK-18607-6RB#0



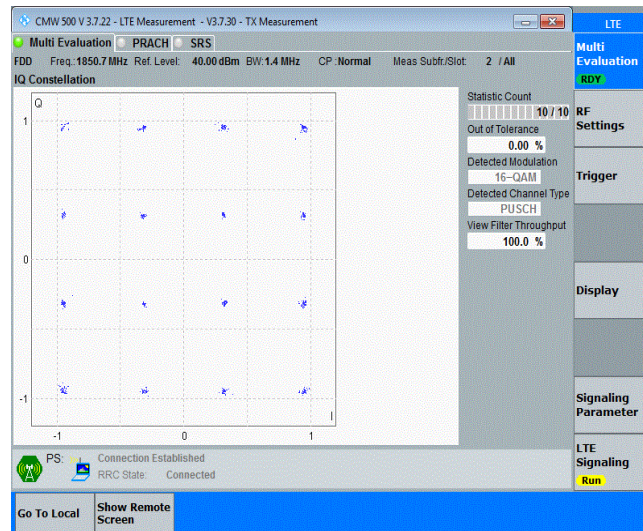
Band2-1.4MHz-QPSK-18900-6RB#0



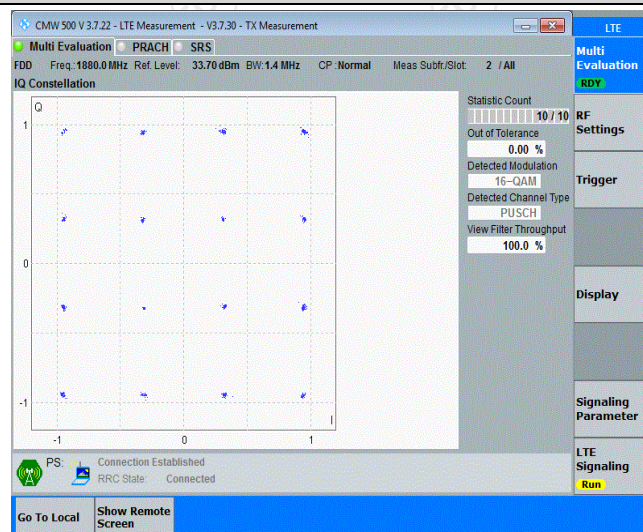
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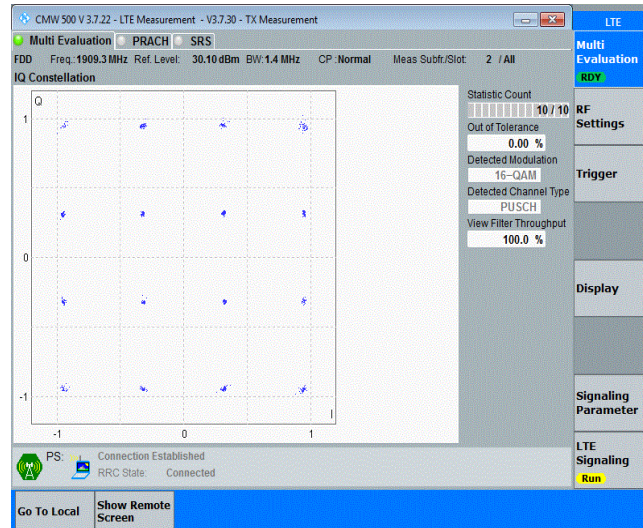
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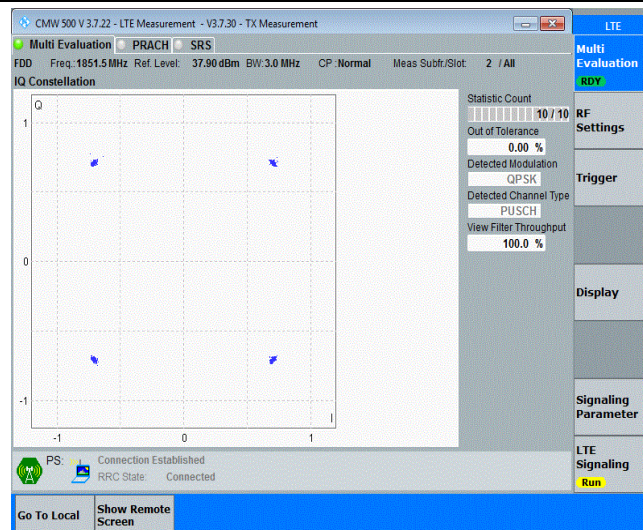
Band2-1.4MHz-16QAM-18900-6RB#0



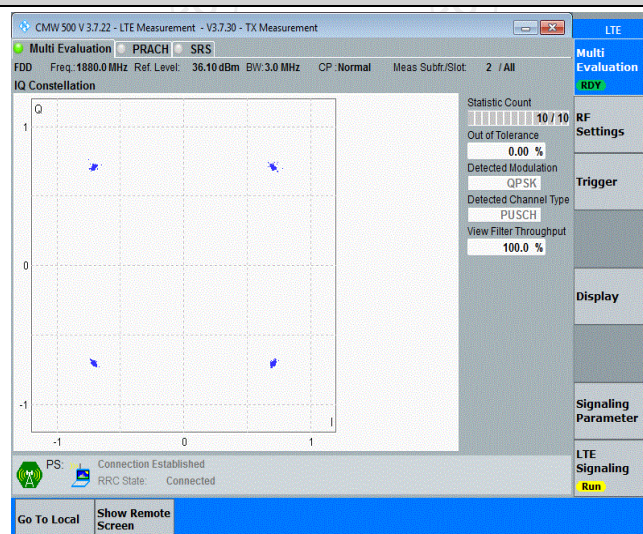
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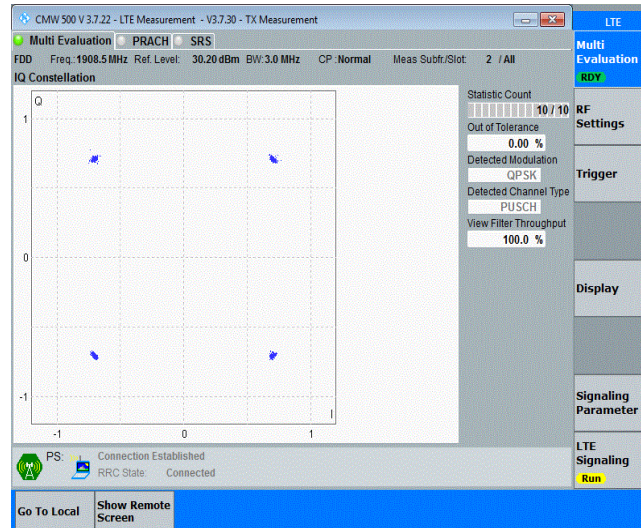
Band2-3MHz-QPSK-18615-15RB#0



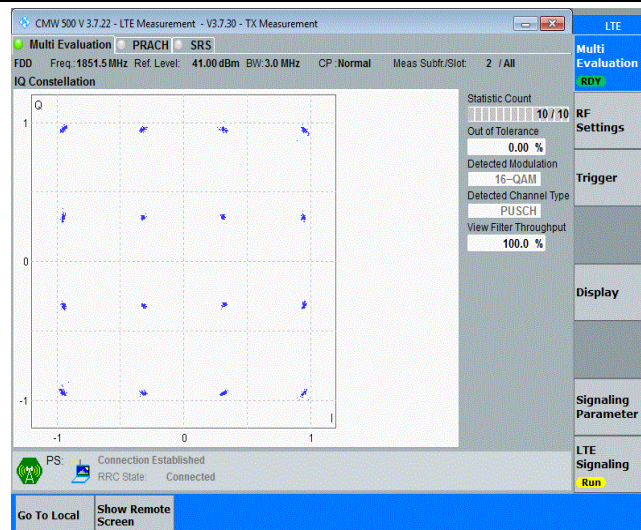
Band2-3MHz-QPSK-18900-15RB#0



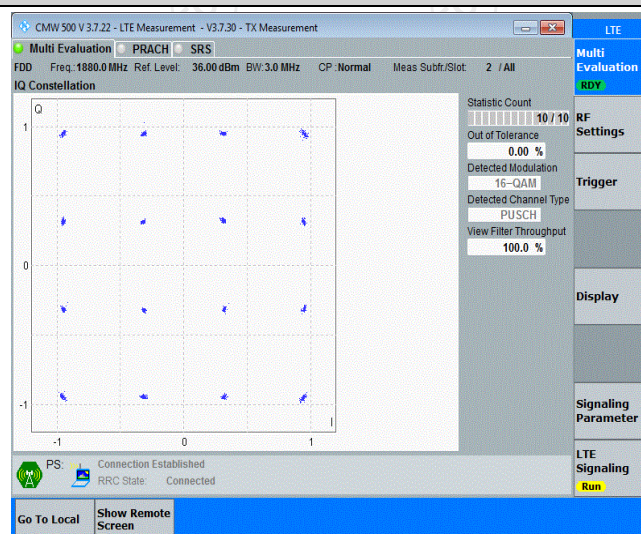
Band2-3MHz-QPSK-19185-15RB#0



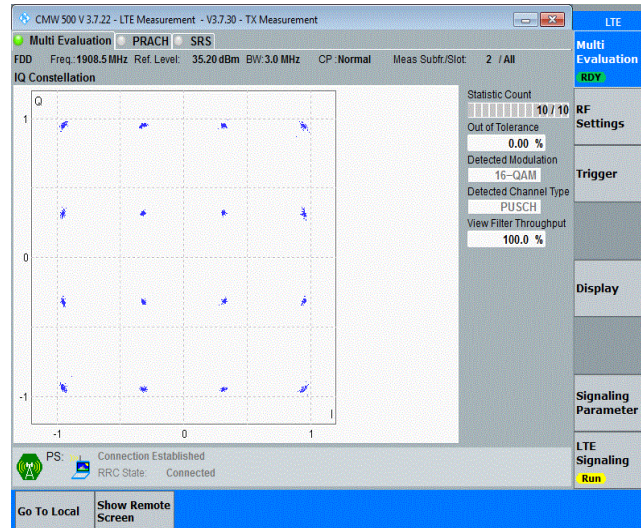
Band2-3MHz-16QAM-18615-15RB#0



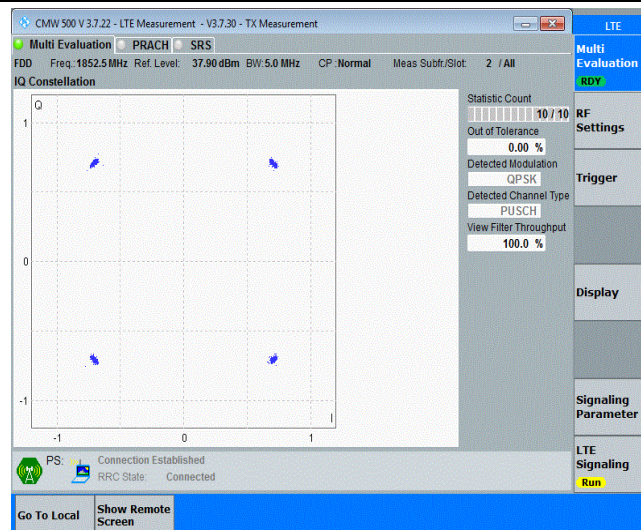
Band2-3MHz-16QAM-18900-15RB#0



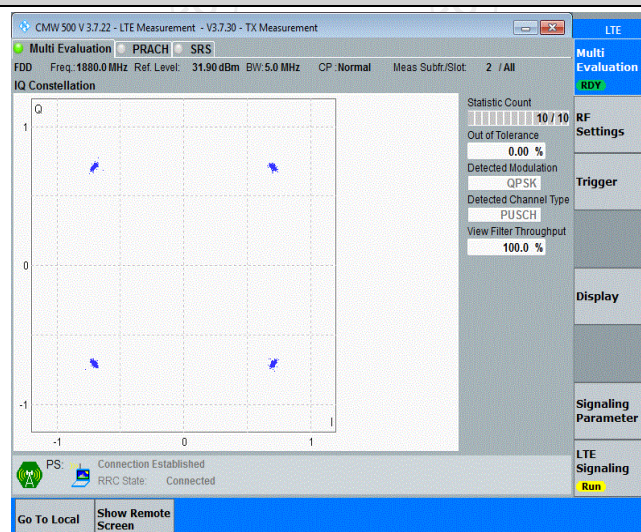
Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-25RB#0