

# LTE Band13 Test Data

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## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.37	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.68	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.55	PASS
Band13	5MHz	QPSK	23205	12RB#0	21.37	PASS
Band13	5MHz	QPSK	23205	12RB#6	21.37	PASS
Band13	5MHz	QPSK	23205	12RB#13	21.36	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.41	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.30	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.43	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.42	PASS
Band13	5MHz	QPSK	23230	12RB#0	21.35	PASS
Band13	5MHz	QPSK	23230	12RB#6	21.44	PASS
Band13	5MHz	QPSK	23230	12RB#13	21.39	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.37	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.30	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.63	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.50	PASS
Band13	5MHz	QPSK	23255	12RB#0	21.36	PASS
Band13	5MHz	QPSK	23255	12RB#6	21.34	PASS
Band13	5MHz	QPSK	23255	12RB#13	21.39	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.35	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.59	PASS
Band13	5MHz	16QAM	23205	1RB#12	21.44	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.46	PASS
Band13	5MHz	16QAM	23205	12RB#0	20.41	PASS
Band13	5MHz	16QAM	23205	12RB#6	20.43	PASS
Band13	5MHz	16QAM	23205	12RB#13	20.42	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.45	PASS
Band13	5MHz	16QAM	23230	1RB#0	21.41	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.55	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.50	PASS
Band13	5MHz	16QAM	23230	12RB#0	20.50	PASS
Band13	5MHz	16QAM	23230	12RB#6	20.49	PASS

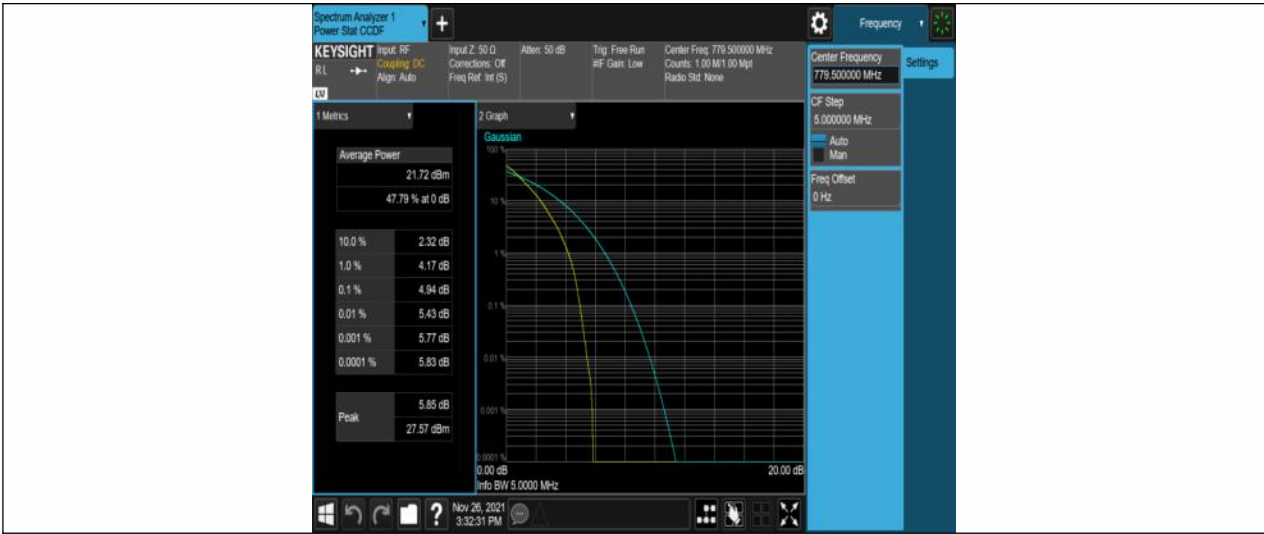
Band13	5MHz	16QAM	23230	12RB#13	20.46	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.36	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.32	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.45	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.40	PASS
Band13	5MHz	16QAM	23255	12RB#0	20.40	PASS
Band13	5MHz	16QAM	23255	12RB#6	20.40	PASS
Band13	5MHz	16QAM	23255	12RB#13	20.39	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.46	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.33	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.53	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.42	PASS
Band13	10MHz	QPSK	23230	25RB#0	21.47	PASS
Band13	10MHz	QPSK	23230	25RB#12	21.45	PASS
Band13	10MHz	QPSK	23230	25RB#25	21.37	PASS
Band13	10MHz	QPSK	23230	50RB#0	21.55	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.64	PASS
Band13	10MHz	16QAM	23230	1RB#24	21.42	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.48	PASS
Band13	10MHz	16QAM	23230	25RB#0	20.38	PASS
Band13	10MHz	16QAM	23230	25RB#12	20.34	PASS
Band13	10MHz	16QAM	23230	25RB#25	20.41	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.53	PASS

## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.94	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.08	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.41	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.72	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.74	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.18	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.79	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.07	13	PASS

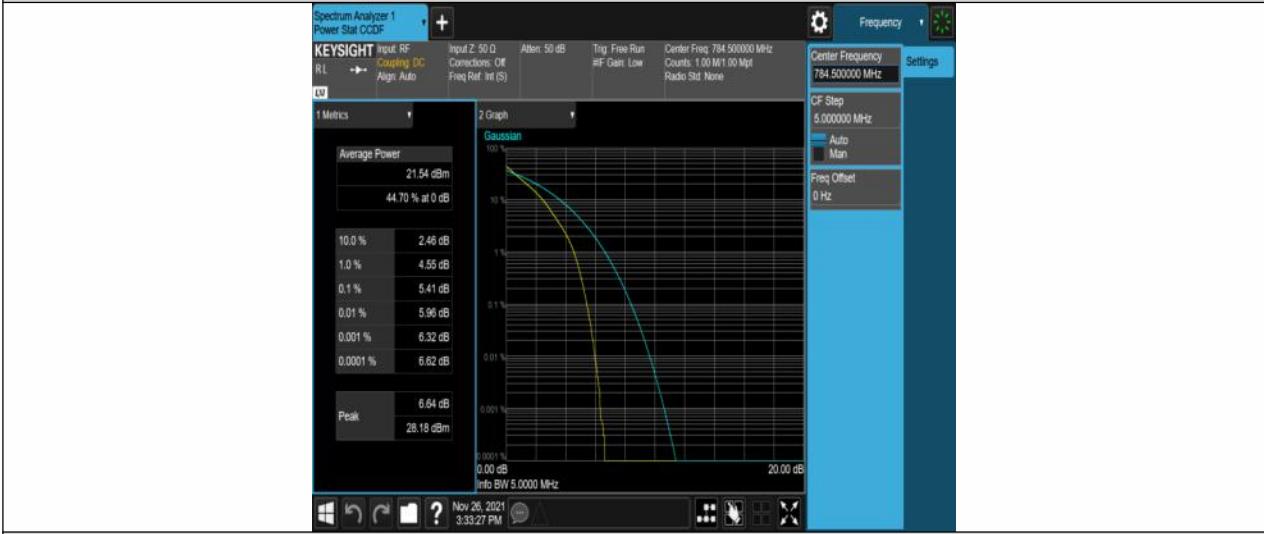
### Test Graphs



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



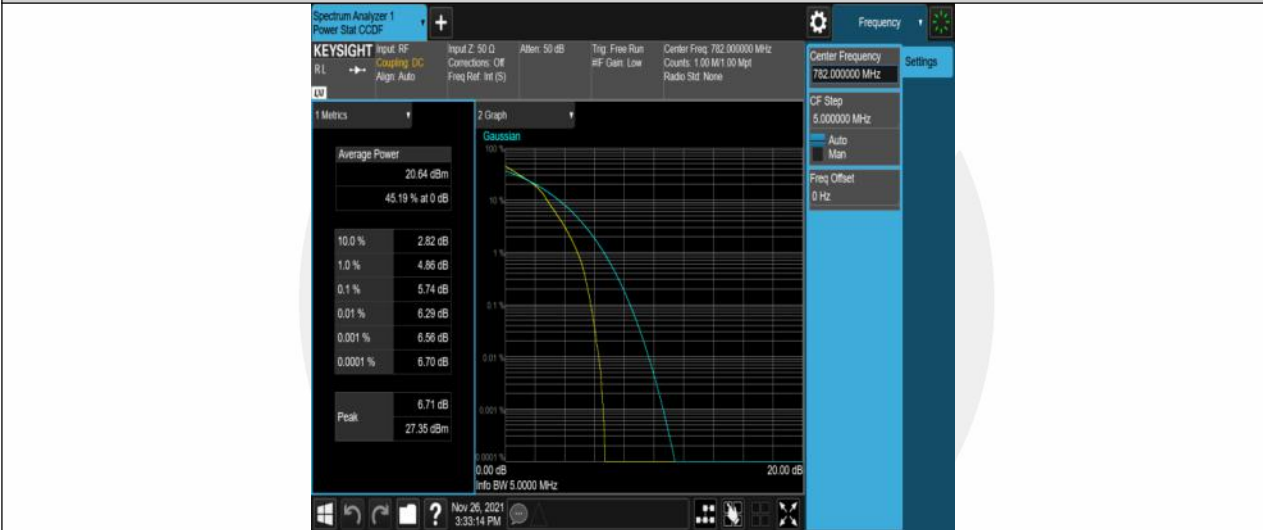
Band13-5MHz-QPSK-23230-25RB#0



Band13-5MHz-QPSK-23255-25RB#0



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



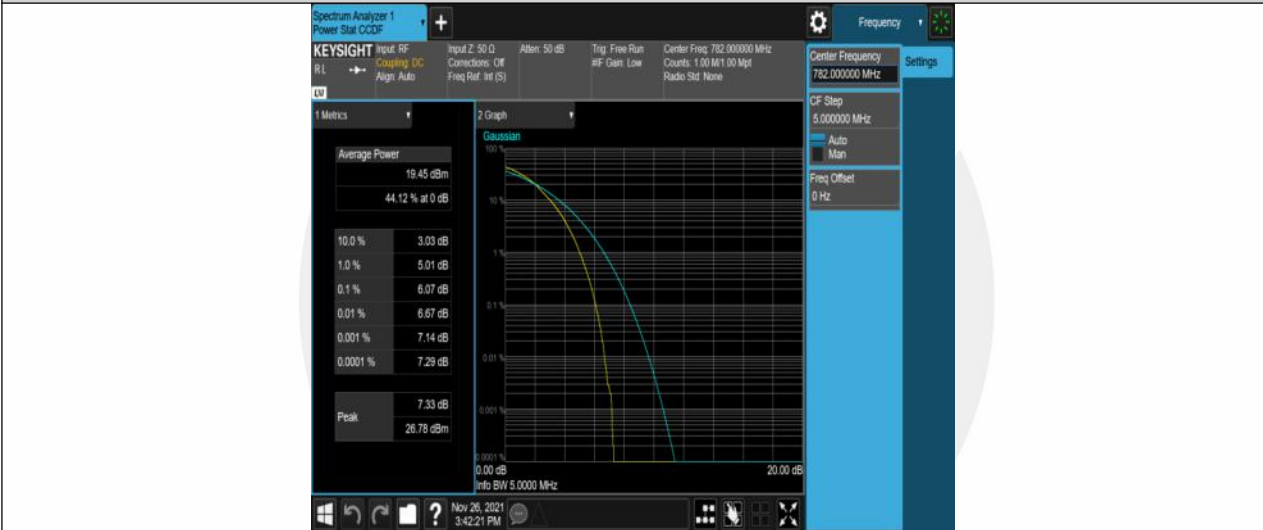
Band13-5MHz-16QAM-23230-25RB#0



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



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



Band13-10MHz-16QAM-23230-50RB#0

## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

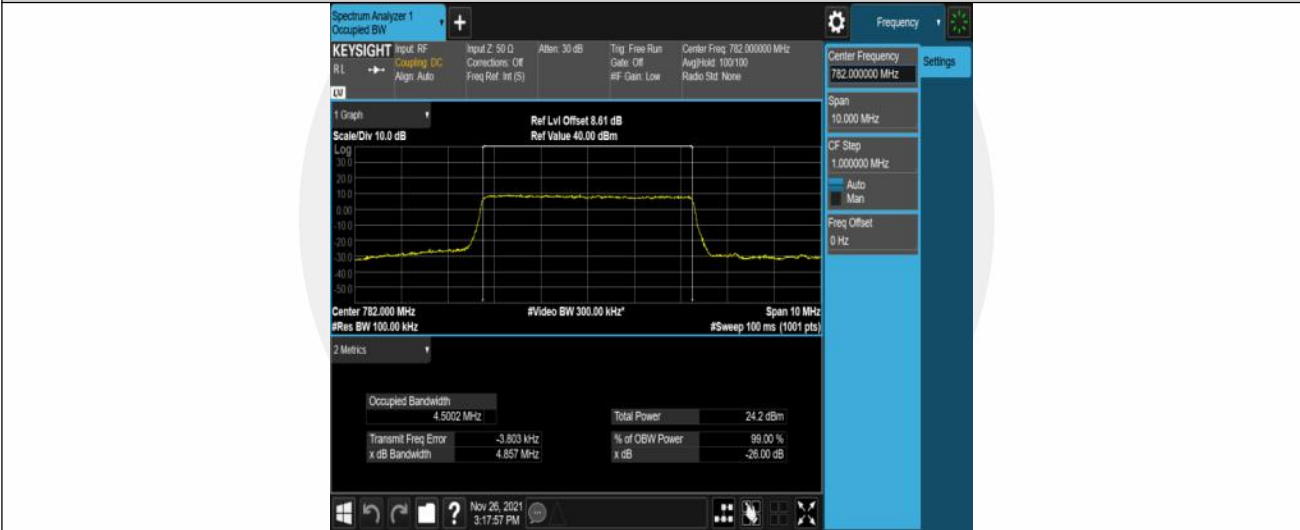
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4791	4.829	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5002	4.857	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5121	4.856	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4840	4.805	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5009	4.877	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5136	4.877	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9680	9.513	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9530	9.545	PASS



Test Graphs



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



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



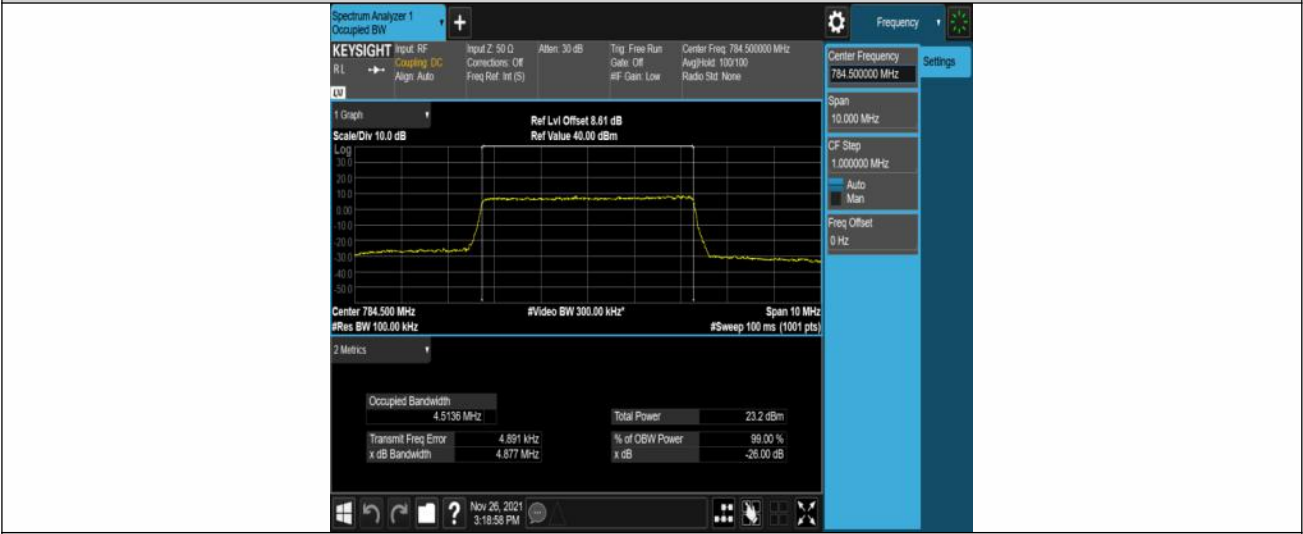
Band13-5MHz-QPSK-23255-25RB#0



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



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



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



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



Band13-10MHz-16QAM-23230-50RB#0

## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	-28.31	PASS
Band13	5MHz	QPSK	23255	25RB#0	-25.99	PASS
Band13	5MHz	16QAM	23205	25RB#0	-29.65	PASS
Band13	5MHz	16QAM	23255	25RB#0	-27.02	PASS
Band13	10MHz	QPSK	23230	50RB#0	-28.77,-28.87	PASS
Band13	10MHz	16QAM	23230	50RB#0	-30.22,-29.10	PASS



## Test Graphs



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



Band13-5MHz-QPSK-23255-25RB#0



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



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



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



Band13-10MHz-16QAM-23230-50RB#0

## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	Range1:30~1000MHz	-34.87	PASS
Band13	5MHz	QPSK	23205	25RB#0	Range3:763~775MHz	-56.55	PASS
Band13	5MHz	QPSK	23205	25RB#0	Range4:793~805MHz	-58.32	PASS
Band13	5MHz	QPSK	23205	25RB#0	Range2:1000~10000MHz	-34.53	PASS
Band13	5MHz	QPSK	23205	25RB#0	Range5:1559~1610MHz	-58.64	PASS
Band13	5MHz	QPSK	23230	25RB#0	Range1:30~1000MHz	-34.75	PASS
Band13	5MHz	QPSK	23230	25RB#0	Range3:763~775MHz	-72.79	PASS
Band13	5MHz	QPSK	23230	25RB#0	Range4:793~805MHz	-72.93	PASS
Band13	5MHz	QPSK	23230	25RB#0	Range2:1000~10000MHz	-36.87	PASS
Band13	5MHz	QPSK	23230	25RB#0	Range5:1559~1610MHz	-57.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	Range1:30~1000MHz	-34.52	PASS
Band13	5MHz	QPSK	23255	25RB#0	Range3:763~775MHz	-71.86	PASS
Band13	5MHz	QPSK	23255	25RB#0	Range4:793~805MHz	-72.71	PASS
Band13	5MHz	QPSK	23255	25RB#0	Range2:1000~10000MHz	-36.4	PASS
Band13	5MHz	QPSK	23255	25RB#0	Range5:1559~1610MHz	-57.37	PASS
Band13	5MHz	16QAM	23205	25RB#0	Range1:30~1000MHz	-34.97	PASS
Band13	5MHz	16QAM	23205	25RB#0	Range3:763~775MHz	-72.22	PASS

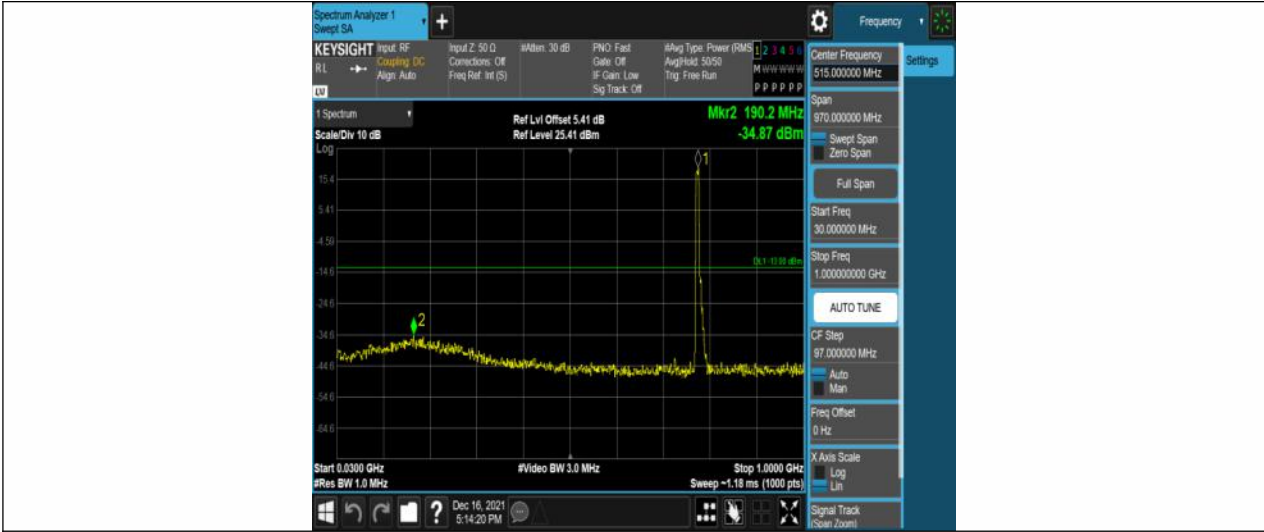
					75MHz		
Band13	5MHz	16QAM	23205	25RB#0	Range4:793~805MHz	-72.63	PASS
Band13	5MHz	16QAM	23205	25RB#0	Range2:1000~10000MHz	-36.05	PASS
Band13	5MHz	16QAM	23205	25RB#0	Range5:1559~1610MHz	-57.72	PASS
Band13	5MHz	16QAM	23230	25RB#0	Range1:30~1000MHz	-34.92	PASS
Band13	5MHz	16QAM	23230	25RB#0	Range3:763~775MHz	-72.49	PASS
Band13	5MHz	16QAM	23230	25RB#0	Range4:793~805MHz	-73.18	PASS
Band13	5MHz	16QAM	23230	25RB#0	Range2:1000~10000MHz	-35.98	PASS
Band13	5MHz	16QAM	23230	25RB#0	Range5:1559~1610MHz	-57.97	PASS
Band13	5MHz	16QAM	23255	25RB#0	Range1:30~1000MHz	-34.84	PASS
Band13	5MHz	16QAM	23255	25RB#0	Range3:763~775MHz	-72.72	PASS
Band13	5MHz	16QAM	23255	25RB#0	Range4:793~805MHz	-72.43	PASS
Band13	5MHz	16QAM	23255	25RB#0	Range2:1000~10000MHz	-35.39	PASS
Band13	5MHz	16QAM	23255	25RB#0	Range5:1559~1610MHz	-58.1	PASS
Band13	10MHz	QPSK	23230	50RB#0	Range1:30~1000MHz	-35.45	PASS
Band13	10MHz	QPSK	23230	50RB#0	Range3:763~775MHz	-63.69	PASS
Band13	10MHz	QPSK	23230	50RB#0	Range4:793~805MHz	-39.91	PASS
Band13	10MHz	QPSK	23230	50RB#0	Range2:1000~10000MHz	-34.78	PASS
Band13	10MHz	QPSK	23230	50RB#0	Range5:1559~1610MHz	-56.17	PASS



Band13	10MHz	16QAM	23230	50RB#0	Range1:30~1000MHz	-34.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	Range3:763~775MHz	-72.25	PASS
Band13	10MHz	16QAM	23230	50RB#0	Range4:793~805MHz	-72.49	PASS
Band13	10MHz	16QAM	23230	50RB#0	Range2:1000~10000MHz	-36.04	PASS
Band13	10MHz	16QAM	23230	50RB#0	Range5:1559~1610MHz	-57.7	PASS



### Test Graphs



Band13-5MHz-QPSK-23205-25RB#0-Range1:30~1000MHz



Band13-5MHz-QPSK-23205-25RB#0-Range3:763~775MHz



Band13-5MHz-QPSK-23205-25RB#0-Range4:793~805MHz



Band13-5MHz-QPSK-23205-25RB#0-Range2: 1000~10000MHz



Band13-5MHz-QPSK-23205-25RB#0-Range5: 1559~1610MHz



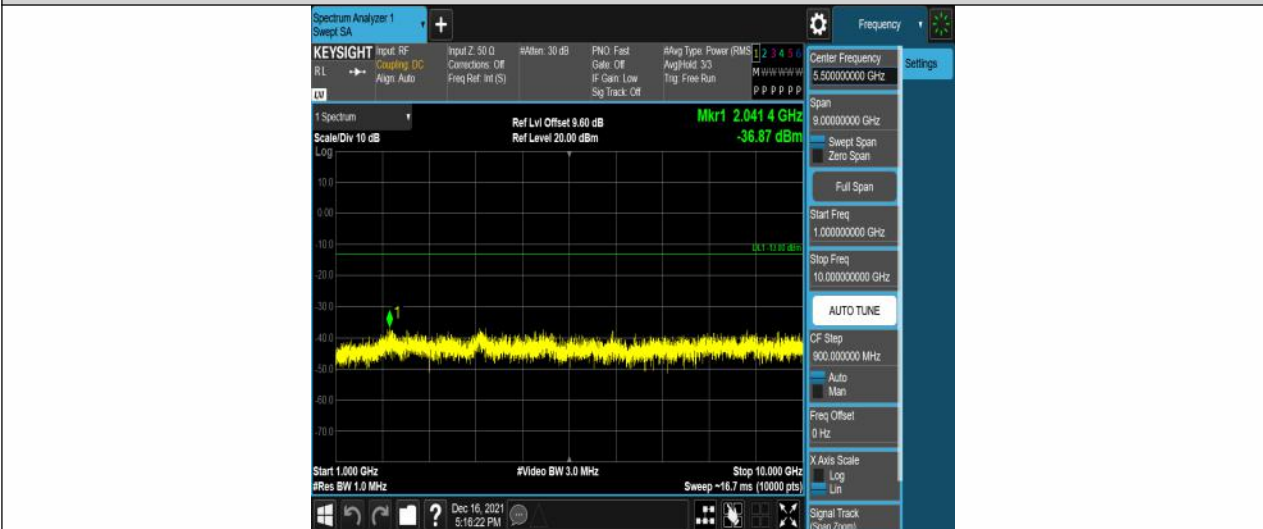
Band13-5MHz-QPSK-23230-25RB#0-Range1:30~1000MHz



Band13-5MHz-QPSK-23230-25RB#0-Range3:763~775MHz



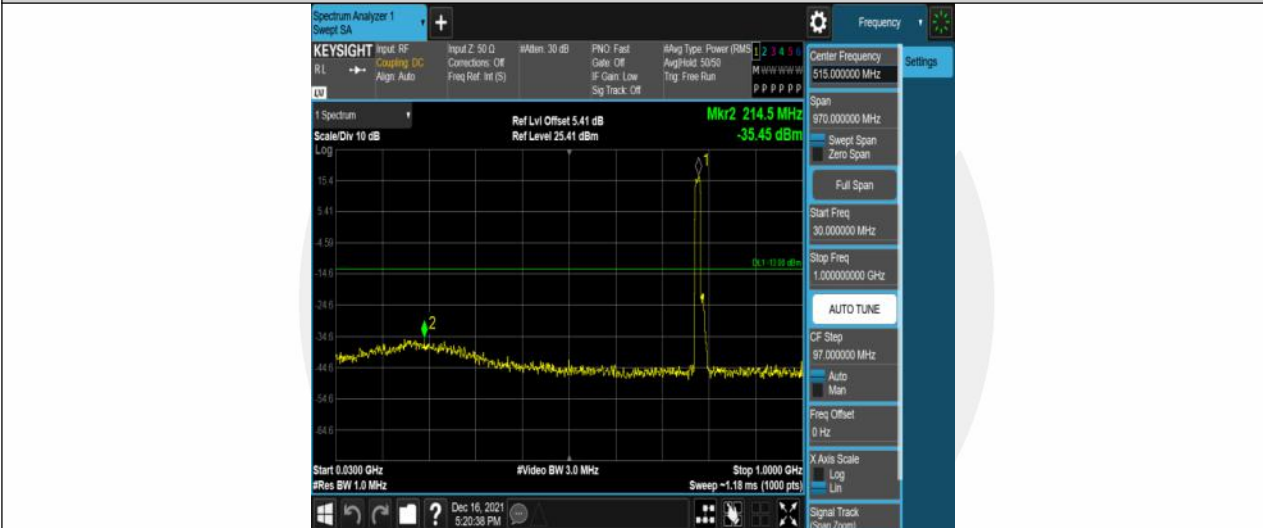
Band13-5MHz-QPSK-23230-25RB#0-Range4:793~805MHz



Band13-5MHz-QPSK-23230-25RB#0-Range2: 1000~10000MHz



Band13-5MHz-QPSK-23230-25RB#0-Range5:1559~1610MHz



Band13-5MHz-QPSK-23255-25RB#0-Range1:30~1000MHz



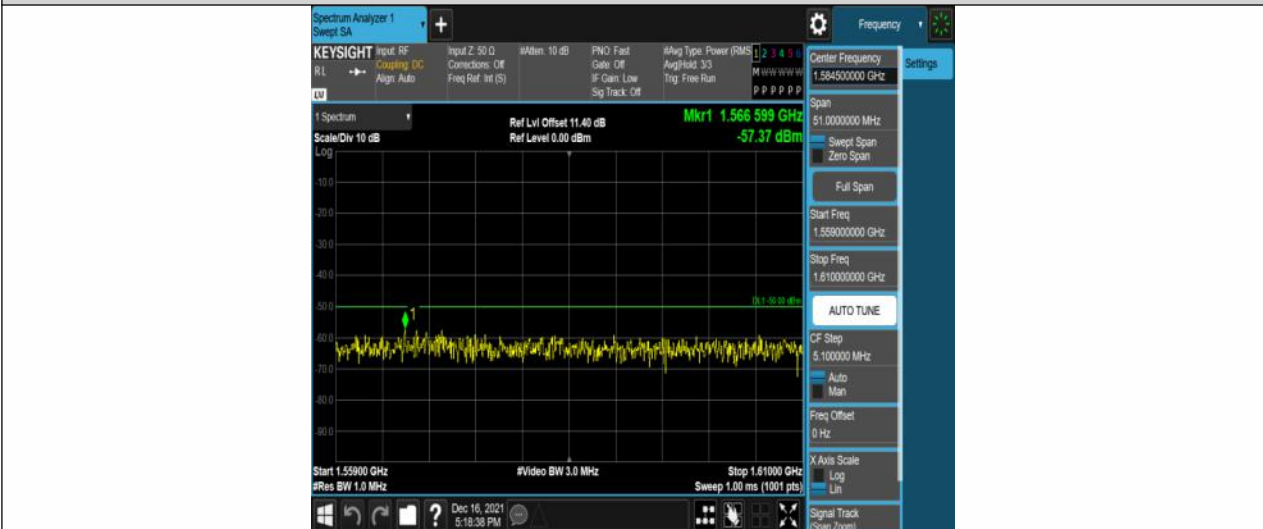
Band13-5MHz-QPSK-23255-25RB#0-Range3:763~775MHz



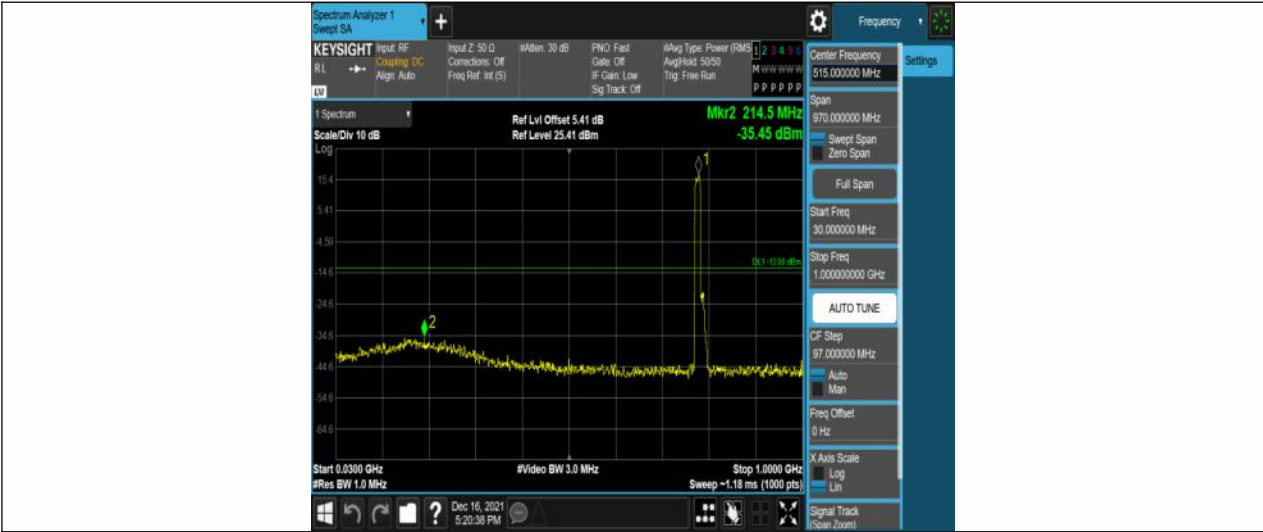
Band13-5MHz-QPSK-23255-25RB#0-Range4:793~805MHz



Band13-5MHz-QPSK-23255-25RB#0-Range2:1000~10000MHz



Band13-5MHz-QPSK-23255-25RB#0-Range5:1559~1610MHz



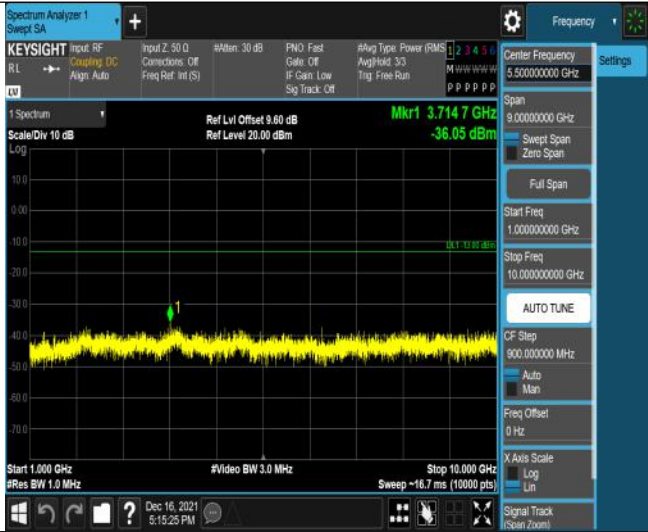
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Band 13-5MHz-16QAM-23205-25RB#0-Range3:763~775MHz



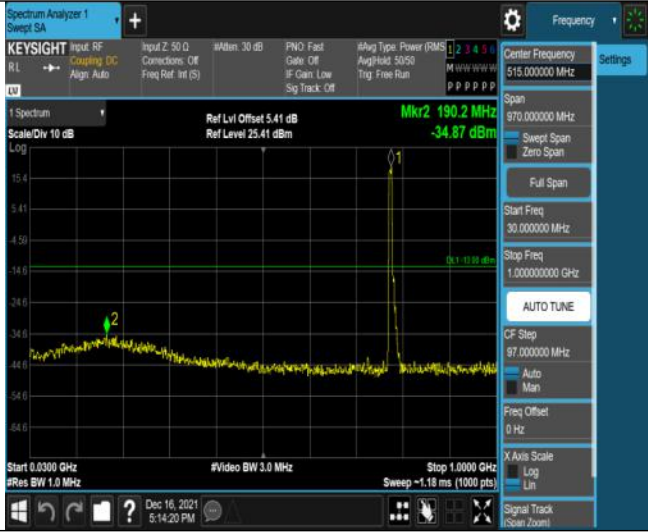
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Band13-5MHz-16QAM-23205-25RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23205-25RB#0-Range5:1559~1610MHz



Band13-5MHz-16QAM-23230-25RB#0-Range1:30~1000MHz





Band13-5MHz-16QAM-23230-25RB#0-Range3:763~775MHz



Band13-5MHz-16QAM-23230-25RB#0-Range4:793~805MHz



Band13-5MHz-16QAM-23230-25RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23230-25RB#0-Range5:1559~1610MHz



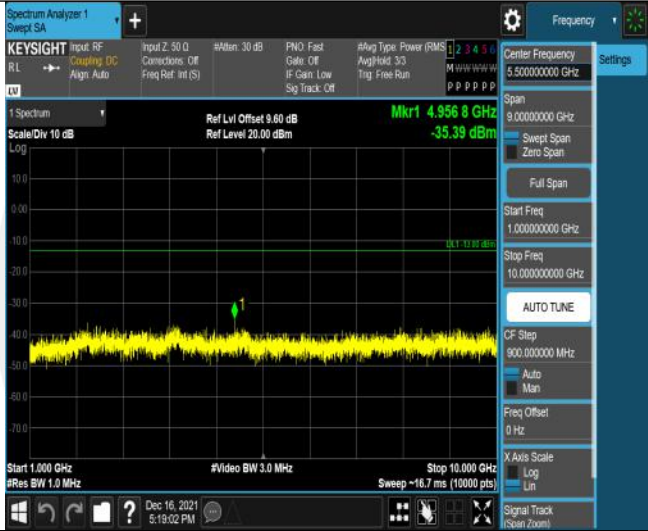
Band13-5MHz-16QAM-23255-25RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23255-25RB#0-Range3:763~775MHz



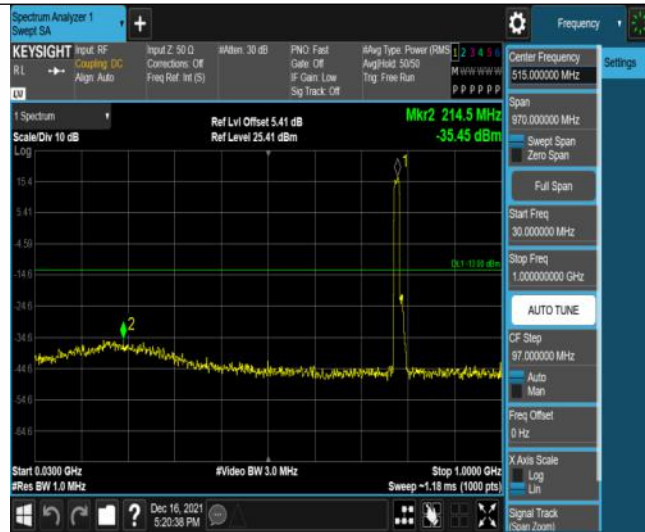
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Band13-5MHz-16QAM-23255-25RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23255-25RB#0-Range5:1559~1610MHz



Band13-10MHz-QPSK-23230-50RB#0-Range1:30~1000MHz



Band13-10MHz-QPSK-23230-50RB#0-Range3:763~775MHz



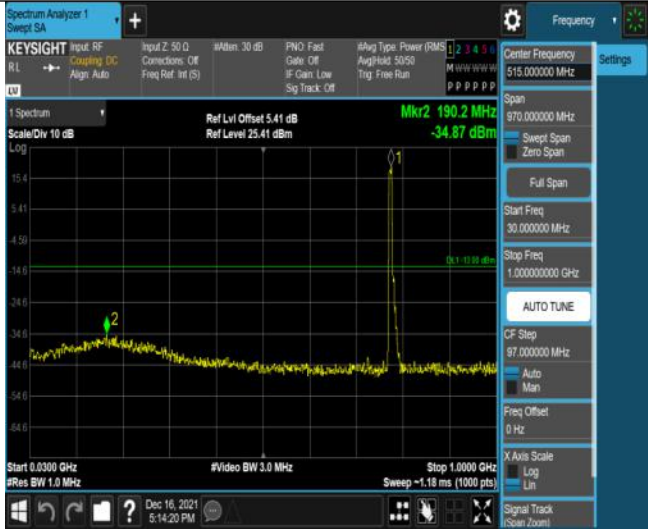
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Band13-10MHz-QPSK-23230-50RB#0-Range2:1000~10000MHz



Band13-10MHz-QPSK-23230-50RB#0-Range5:1559~1610MHz



Band13-10MHz-16QAM-23230-50RB#0-Range1:30~1000MHz



Band13-10MHz-16QAM-23230-50RB#0-Range3:763~775MHz



Band13-10MHz-16QAM-23230-50RB#0-Range4:793~805MHz



Band13-10MHz-16QAM-23230-50RB#0-Range2:1000~10000MHz



Band13-10MHz-16QAM-23230-50RB#0-Range5:1559~1610MHz



## Appendix F: Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-4.66	-0.005978	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-2.09	-0.002681	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-3.25	-0.004169	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-4.61	-0.005895	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-3.09	-0.003951	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-1.92	-0.002455	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-3.92	-0.004997	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-3.45	-0.004398	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	3.40	0.004334	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-3.00	-0.003849	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-6.15	-0.007890	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-6.15	-0.007890	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-3.60	-0.004604	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-4.63	-0.005921	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	3.16	0.004041	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-3.33	-0.004245	±2.5	PASS



Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-7.22	-0.0092 03	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-4.59	-0.0058 51	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	2.96	0.00378 5	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	2.63	0.00336 3	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-2.19	-0.0028 01	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-2.30	-0.0029 41	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-3.85	-0.0049 23	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	2.73	0.00349 1	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	1.59	0.00204 0	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	1.97	0.00252 7	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-3.16	-0.0040 54	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-5.95	-0.0076 33	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-4.42	-0.0056 70	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-4.84	-0.0062 09	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-5.02	-0.0064 40	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-4.15	-0.0053 24	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-3.65	-0.0046 82	±2.5	PASS

Band13	5MHz	QPSK	23230	25RB#0	NV	-30	1.52	0.00194 4	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	3.08	0.00393 9	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	2.88	0.00368 3	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	2.43	0.00310 7	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-2.76	-0.0035 29	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	2.00	0.00255 8	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-5.15	-0.0065 86	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-4.52	-0.0057 80	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-4.02	-0.0051 41	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-4.02	-0.0051 24	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1.86	-0.0023 71	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	2.36	0.00300 8	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	2.00	0.00254 9	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	7.07	0.00901 2	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	3.26	0.00415 6	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	4.21	0.00536 6	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-3.20	-0.0040 79	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-3.26	-0.0041 56	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-4.23	-0.0054	±2.5	PASS

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Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-1.90	-0.0024 37	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	2.45	0.00314 3	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-4.94	-0.0063 37	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-2.37	-0.0030 40	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-2.72	-0.0034 89	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-5.04	-0.0064 66	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-4.16	-0.0053 37	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-3.66	-0.0046 95	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	2.07	0.00264 7	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-3.06	-0.0039 13	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-2.68	-0.0034 27	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-4.15	-0.0053 07	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	5.22	0.00667 5	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	2.16	0.00276 2	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-3.33	-0.0042 58	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-3.81	-0.0048 72	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-5.14	-0.0065 73	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	1.90	0.00242 2	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-3.43	-0.0043 72	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	5.54	0.00706 2	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-4.38	-0.0055 83	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-3.15	-0.0040 15	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-3.33	-0.0042 45	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-3.68	-0.0046 91	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-4.13	-0.0052 64	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-2.99	-0.00381 1	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-2.53	-0.0032 35	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-3.28	-0.0041 94	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-3.15	-0.0040 28	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.26	-0.0028 90	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	3.00	0.00383 6	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	2.59	0.00331 2	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	2.62	0.00335 0	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	2.45	0.00313 3	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	1.17	0.00149 6	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-1.60	-0.0020 46	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-3.16	-0.0040	±2.5	PASS

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Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-3.75	-0.0047 95	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-3.18	-0.0040 66	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	3.53	0.00451 4	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	3.38	0.00432 2	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-2.56	-0.0032 74	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-2.02	-0.0025 83	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-3.86	-0.0049 36	±2.5	PASS