LTE Band13 Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

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Appendix B: Peak-to-Average Ratio

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Appendix C: 26dB Bandwidth and Occupied Bandwidth

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Appendix D: Band Edge

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Appendix E: Conducted Spurious Emission

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Appendix F: Frequency Stability

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	24.44	PASS
Band13	5MHz	QPSK	23205	1RB#12	24.49	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.54	PASS
Band13	5MHz	QPSK	23205	12RB#0	23.41	PASS
Band13	5MHz	QPSK	23205	12RB#6	23.44	PASS
Band13	5MHz	QPSK	23205	12RB#13	23.50	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.45	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.51	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.57	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.56	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.52	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.47	PASS
Band13	5MHz	QPSK	23230	12RB#13	23.56	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.55	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.51	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.39	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.36	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.41	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.43	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.37	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.43	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.68	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.78	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.81	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.59	PASS
Band13	5MHz	16QAM	23205	12RB#6	22.55	PASS
Band13	5MHz	16QAM	23205	12RB#13	22.61	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.58	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.55	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.66	PASS
Band13	5MHz	16QAM	23230	1RB#24	23.60	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.58	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.58	PASS

Band13	5MHz	16QAM	23230	12RB#13	22.64	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.64	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.71	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.74	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.67	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.54	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.56	PASS
Band13	5MHz	16QAM	23255	12RB#13	22.53	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.50	PASS
Band13	10MHz	QPSK	23230	1RB#0	24.33	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.43	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.33	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.51	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.47	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.57	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.53	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.59	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.70	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.58	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.57	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.57	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.69	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.60	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	1RB#0	3.79	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.05	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.83	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.19	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.82	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.86	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.42	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.23	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.47	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.30	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.62	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.25	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.78	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.09	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.60	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.31	13	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0

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

Band13-5MHz-QPSK-23230-1RB#0

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

Band13-5MHz-QPSK-23255-1RB#0

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

Band13-5MHz-16QAM-23205-1RB#0

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

Band13-5MHz-16QAM-23230-1RB#0

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

Band13-5MHz-16QAM-23255-1RB#0

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

Band13-10MHz-QPSK-23230-1RB#0

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

Band13-10MHz-16QAM-23230-1RB#0

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

Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 50 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 782.000000 MHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Frequency
Center Frequency
782.000000 MHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
Average Power
16.71 dBm
42.98 % at 0 dB
10.0 % 3.00 dB
1.0 % 5.16 dB
0.1 % 6.31 dB
0.01 % 6.98 dB
0.001 % 7.33 dB
0.0001 % 7.51 dB
Peak
7.57 dB
24.28 dBm
2 Graph
Gaussian
0.00 dB
20.00 dB
Info BW 25.000 MHz
Sep 25, 2024
11:28:54 AM

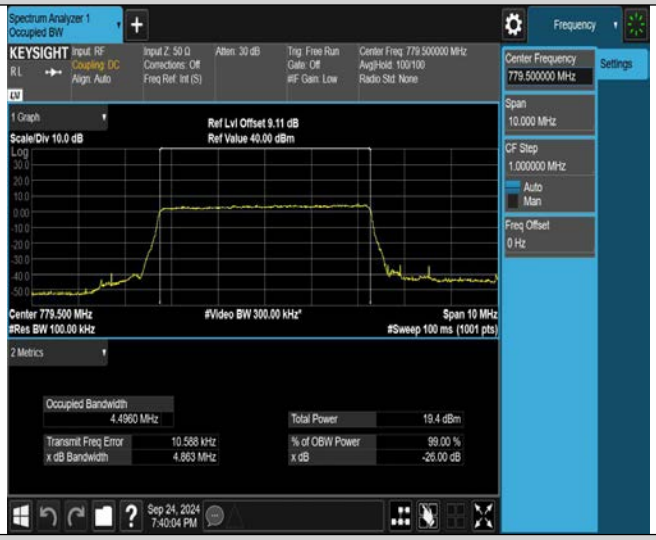
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

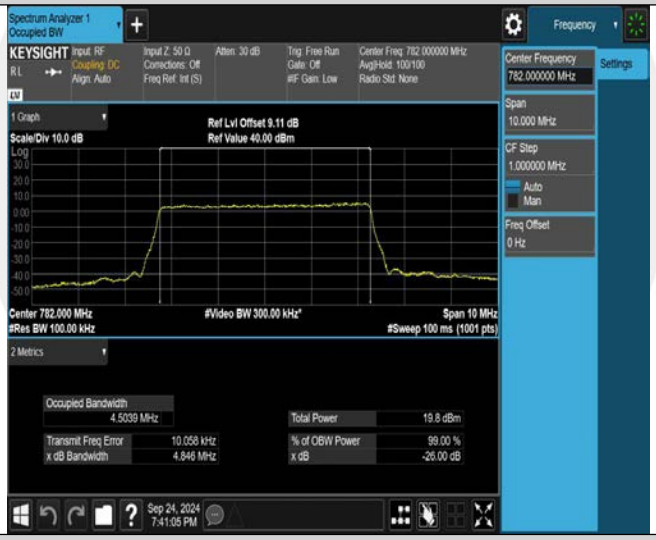
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4960	4.863	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5039	4.846	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4959	4.855	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4952	4.861	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5120	4.867	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4976	4.849	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9711	9.521	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9613	9.495	PASS

Test Graphs

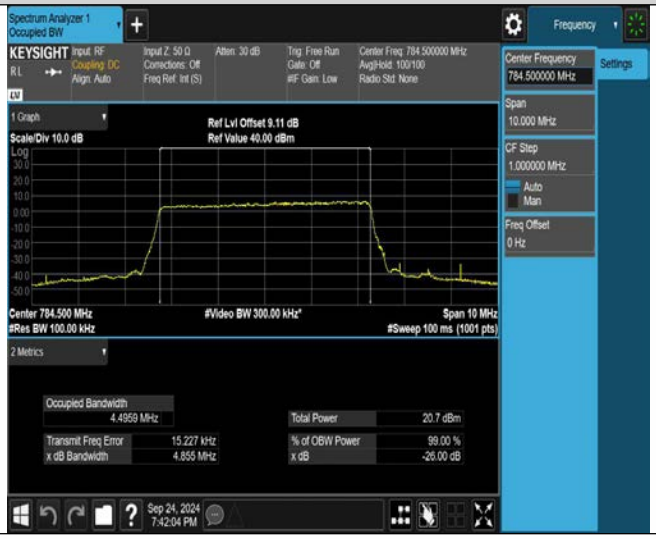
Band13-5MHz-QPSK-23205-25RB#0



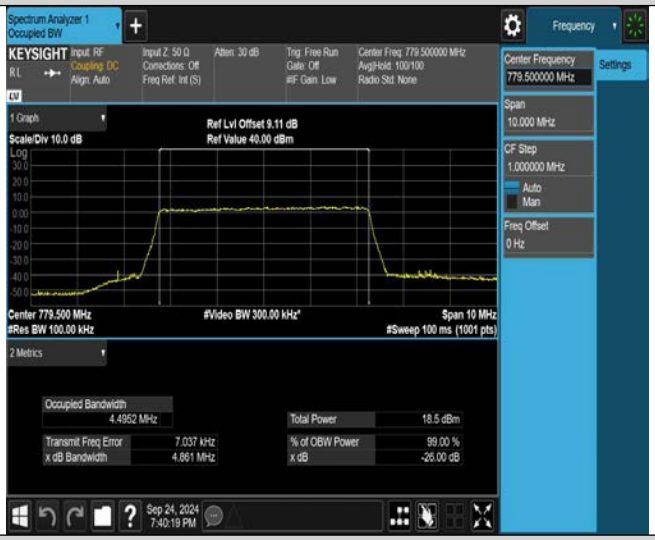
Band13-5MHz-QPSK-23230-25RB#0



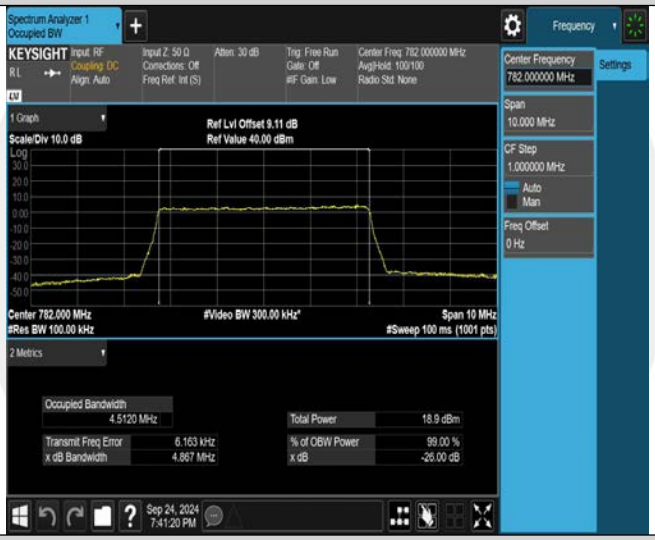
Band13-5MHz-QPSK-23255-25RB#0



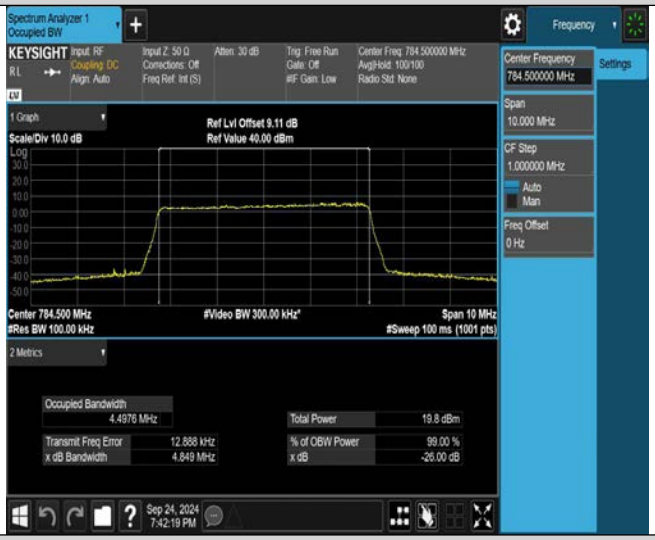
Band13-5MHz-16QAM-23205-25RB#0



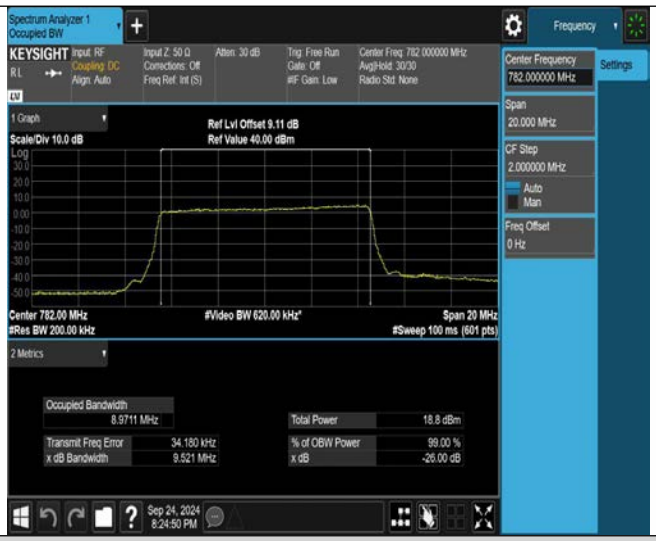
Band13-5MHz-16QAM-23230-25RB#0



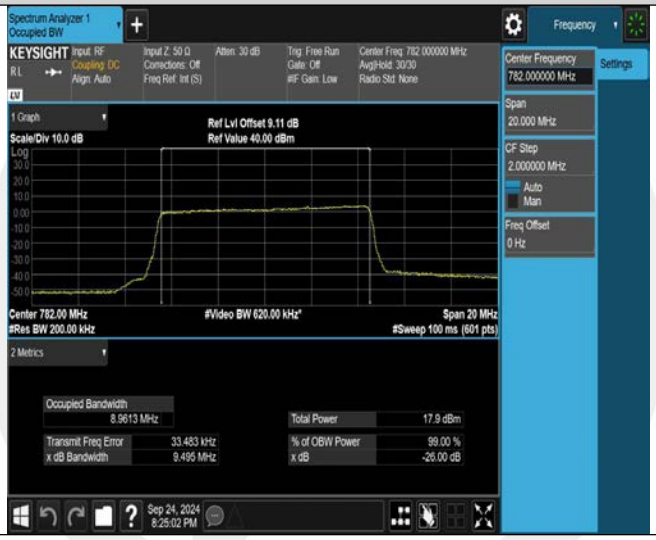
Band13-5MHz-16QAM-23255-25RB#0



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	1RB#0	-23.41	PASS
Band13	5MHz	QPSK	23205	1RB#24	-54.71	PASS
Band13	5MHz	QPSK	23205	25RB#0	-33.04	PASS
Band13	5MHz	QPSK	23255	1RB#0	-52.61	PASS
Band13	5MHz	QPSK	23255	1RB#24	-22.34	PASS
Band13	5MHz	QPSK	23255	25RB#0	-28.76	PASS
Band13	5MHz	16QAM	23205	1RB#0	-25.27	PASS
Band13	5MHz	16QAM	23205	1RB#24	-55.17	PASS
Band13	5MHz	16QAM	23205	25RB#0	-34.09	PASS
Band13	5MHz	16QAM	23255	1RB#0	-53.66	PASS
Band13	5MHz	16QAM	23255	1RB#24	-24.22	PASS
Band13	5MHz	16QAM	23255	25RB#0	-30.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	-52.38,-51.37	PASS
Band13	10MHz	QPSK	23230	1RB#49	-50.55,-31.96	PASS
Band13	10MHz	QPSK	23230	50RB#0	-35.10,-32.48	PASS
Band13	10MHz	16QAM	23230	1RB#0	-33.85,-46.36	PASS
Band13	10MHz	16QAM	23230	1RB#49	-52.05,-31.69	PASS
Band13	10MHz	16QAM	23230	50RB#0	-38.66,-36.47	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0

Band13-5MHz-QPSK-23205-1RB#24

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

Band13-5MHz-QPSK-23255-1RB#0

Band13-5MHz-QPSK-23255-1RB#24

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

Band13-5MHz-16QAM-23205-1RB#0

Band13-5MHz-16QAM-23205-1RB#24

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

Band13-5MHz-16QAM-23255-1RB#0

Band13-5MHz-16QAM-23255-1RB#24

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

Band13-10MHz-QPSK-23230-1RB#0

Band13-10MHz-QPSK-23230-1RB#49

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

Band13-10MHz-16QAM-23230-1RB#0

Band13-10MHz-16QAM-23230-1RB#49

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

Appendix E: Conducted Spurious Emission

Test Result

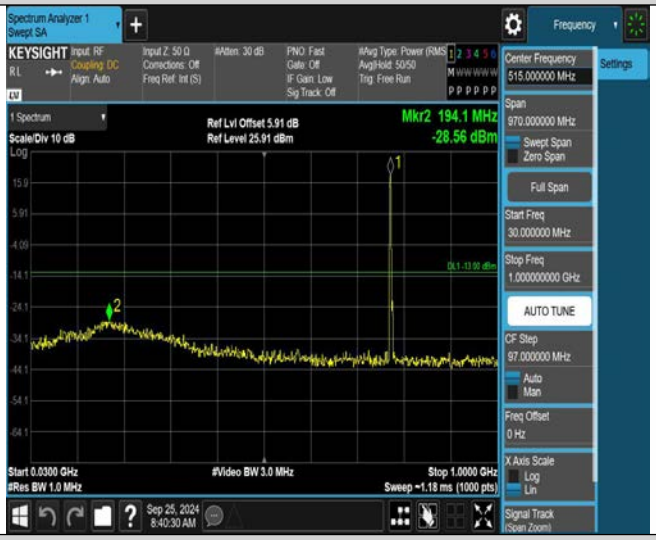
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-28.56	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-75.98	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-68.64	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-30.69	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-61.38	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-26.53	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-75.21	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-70.84	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-30.05	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-58.34	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-26.43	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-75.58	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-58.15	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-30.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-58.06	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-27.69	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~7	-75.84	PASS

					75MHz		
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-70.34	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-31.74	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-60.41	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-24.92	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-75.67	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-69.2	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-29.28	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-58.81	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-26.2	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-75.56	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-60.93	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-29.13	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-57.88	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-27.83	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-75.41	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-56.2	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-31.75	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-60.38	PASS

Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-27.42	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-75.03	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-57.29	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-30.06	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-59.7	PASS

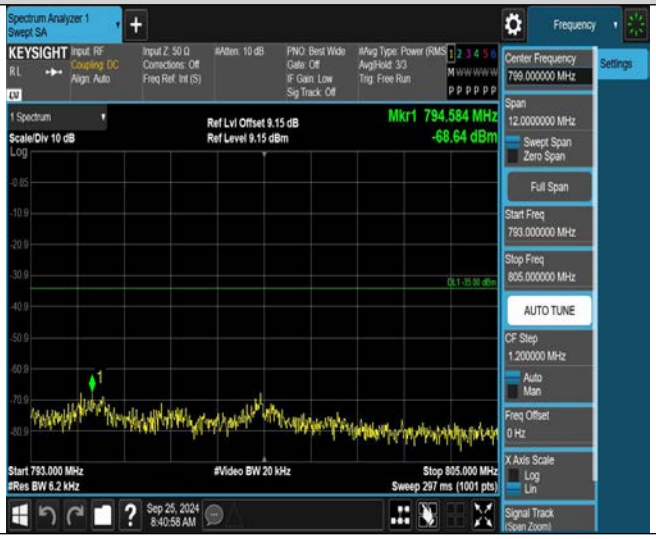
Test Graphs

Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz

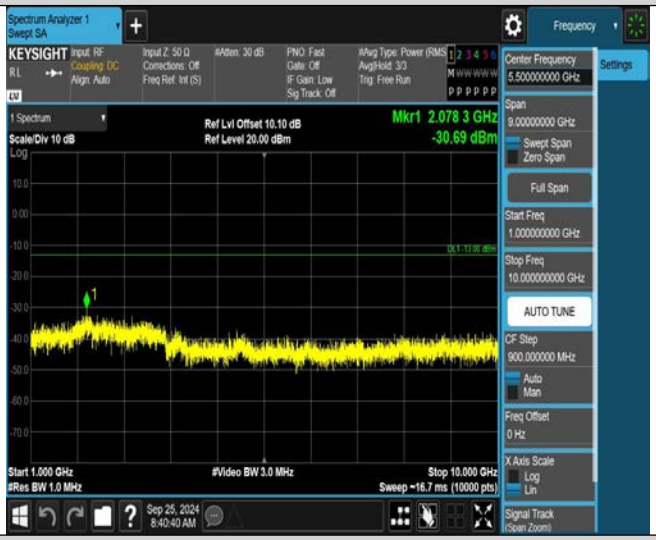


Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz

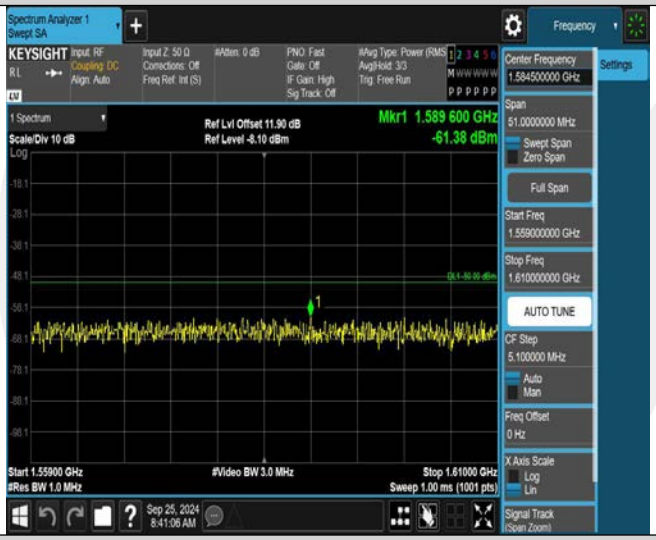
Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



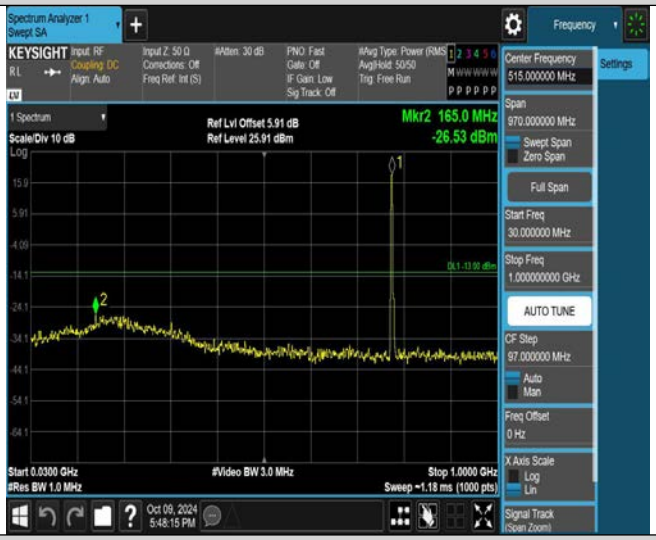
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



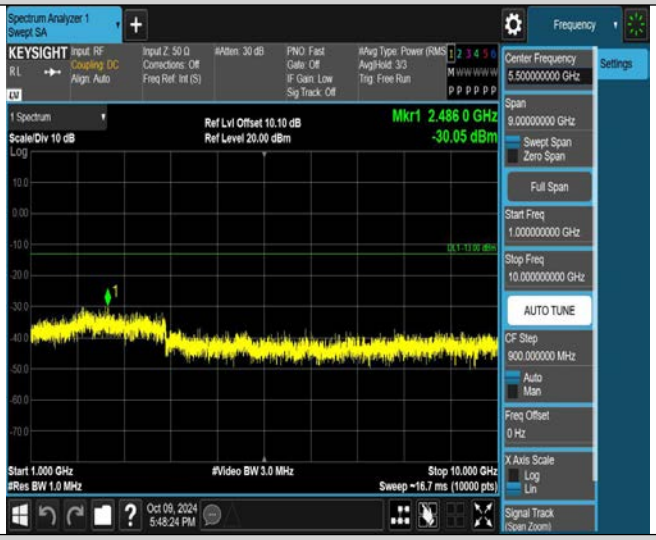
Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



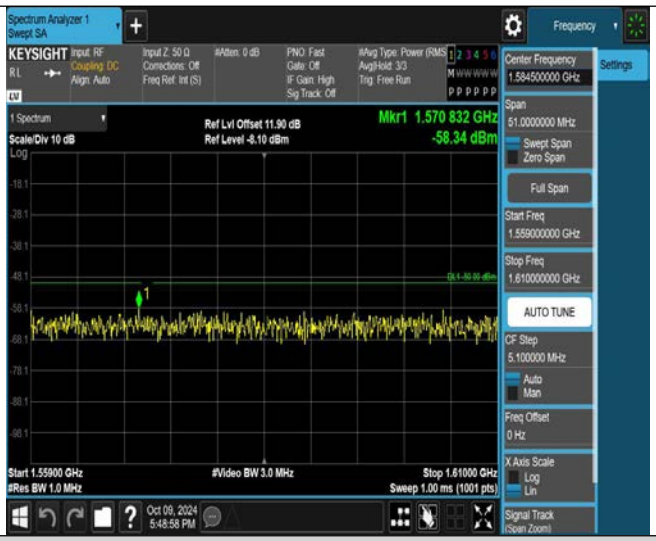
Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz

Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz

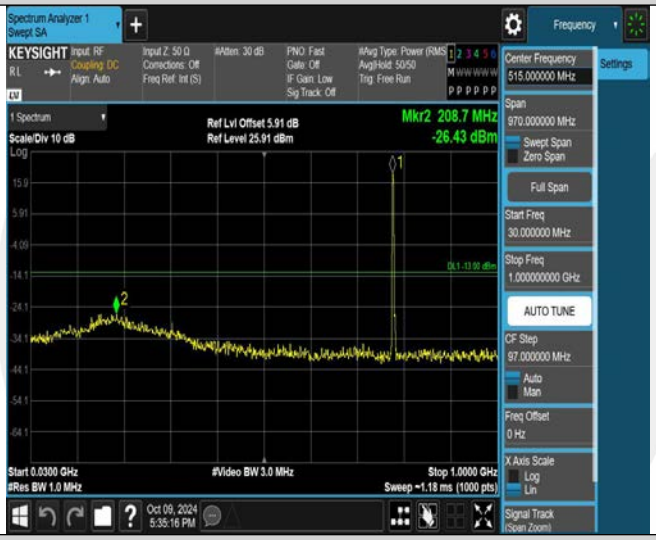
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

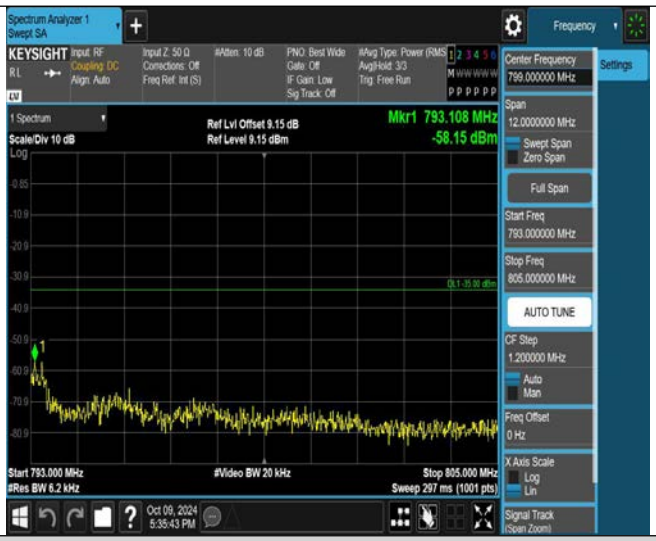


Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz

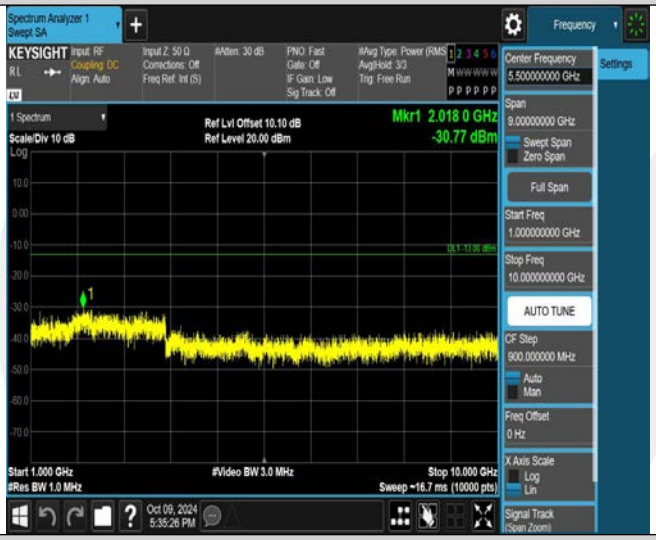


Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz

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

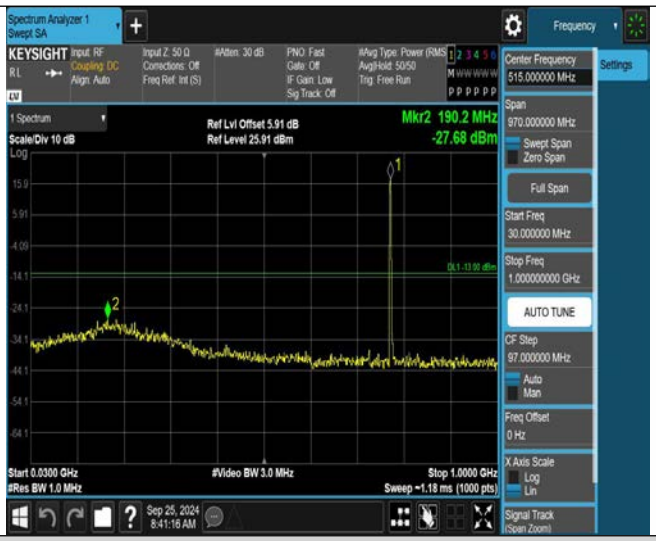


Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



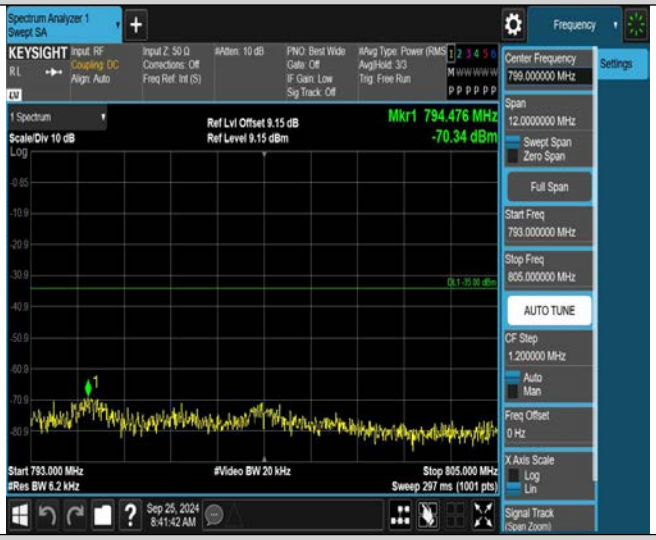
Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz

Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz

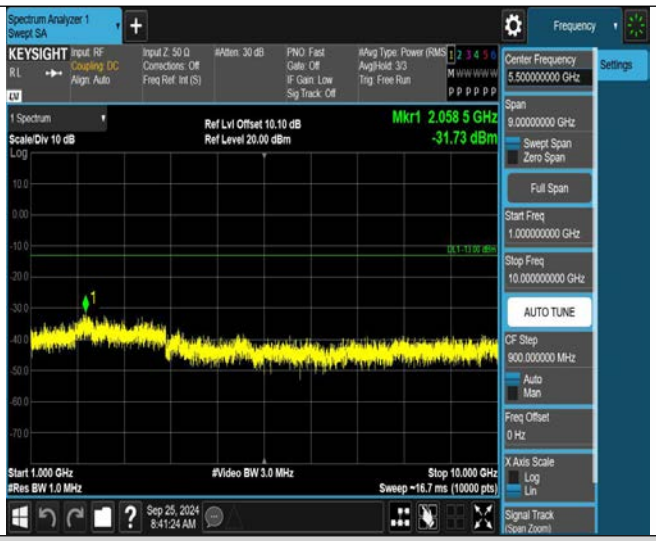


Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz

Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz

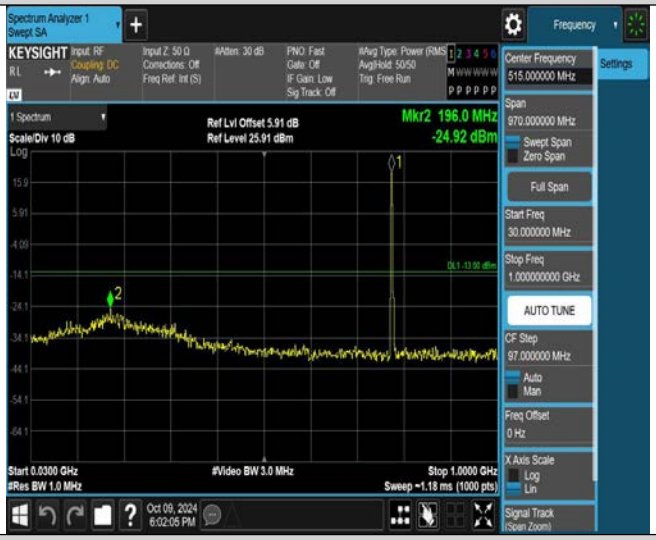


Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz

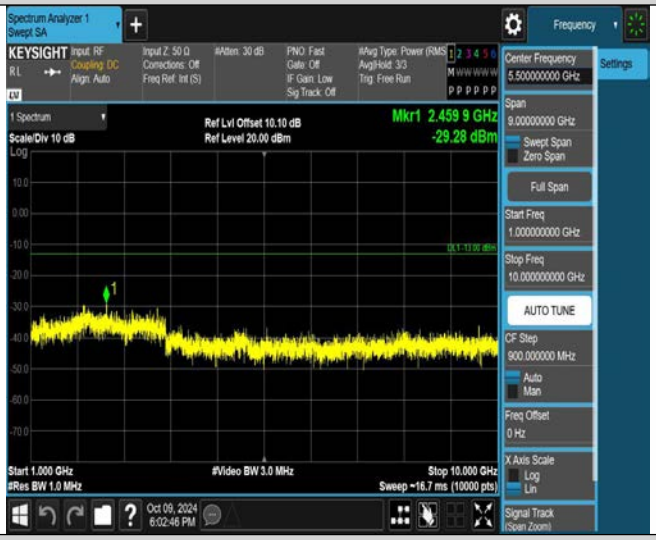
Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz

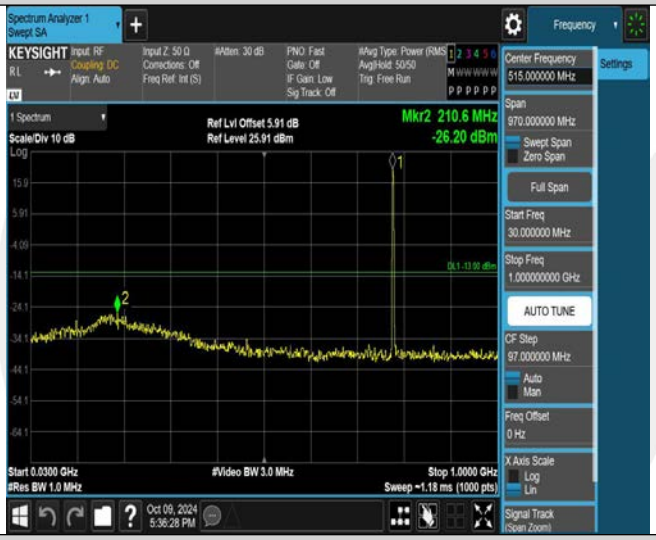
Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz

Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz

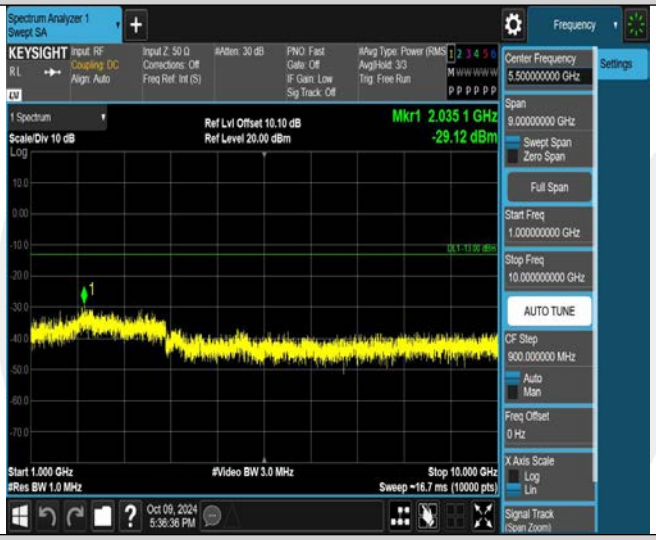
Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz

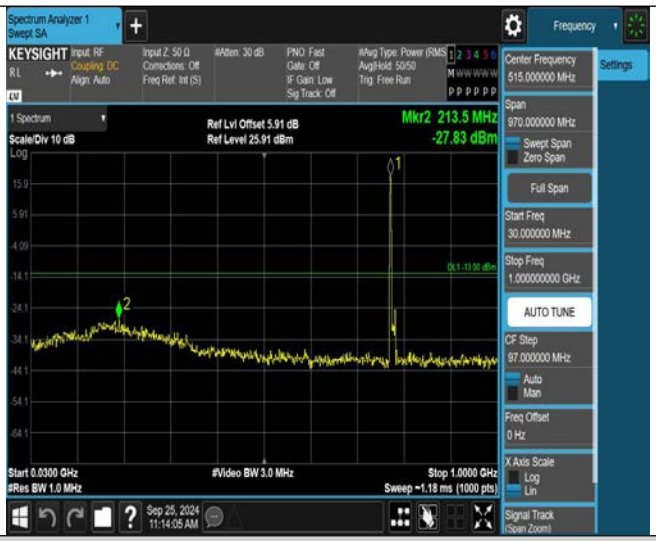
Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz

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



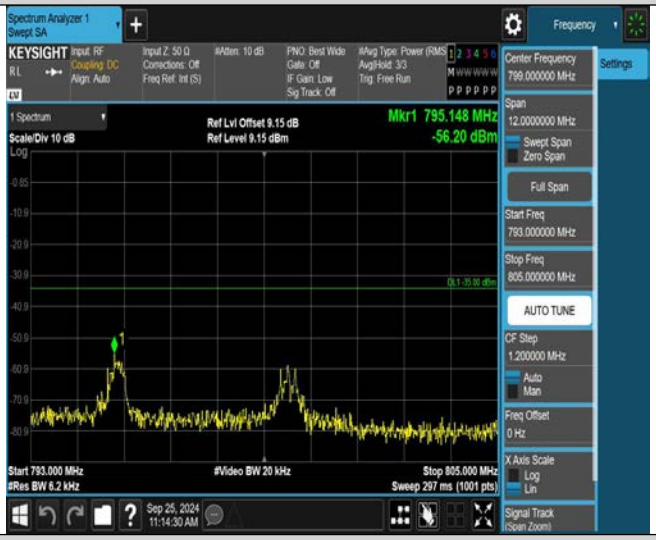
Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz

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

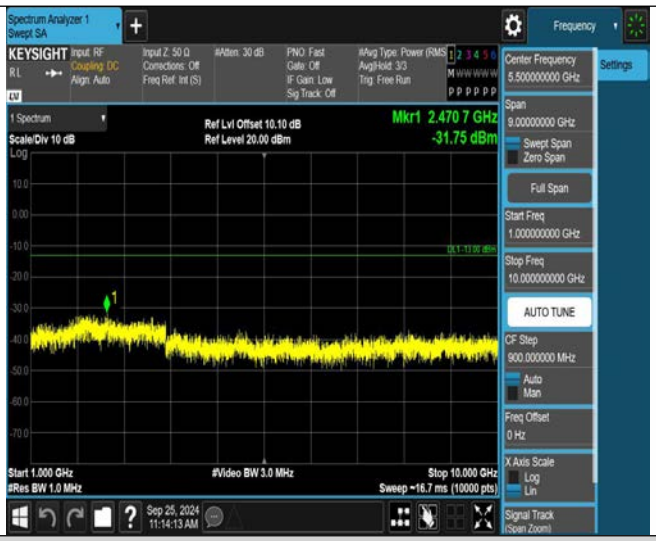


Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz

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

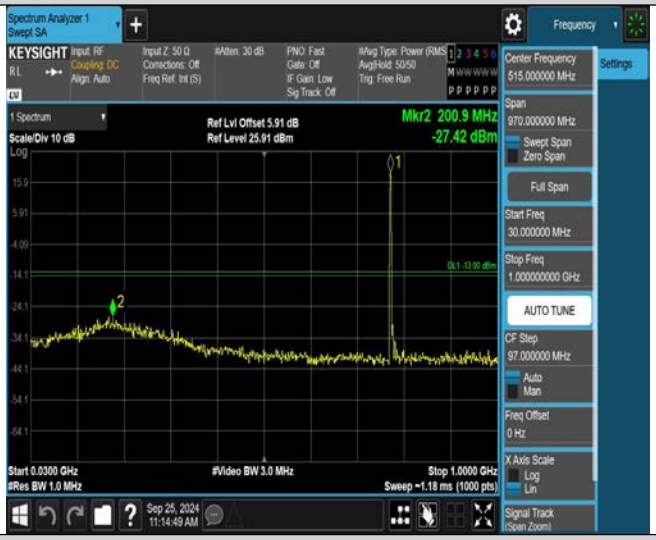


Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



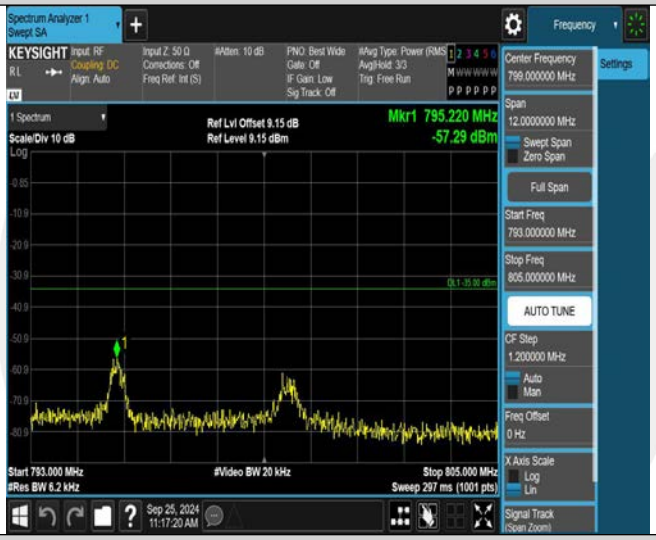
Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz

Band13-10MHz-16QAM-23230-1RB#0-Range1:30~1000MHz

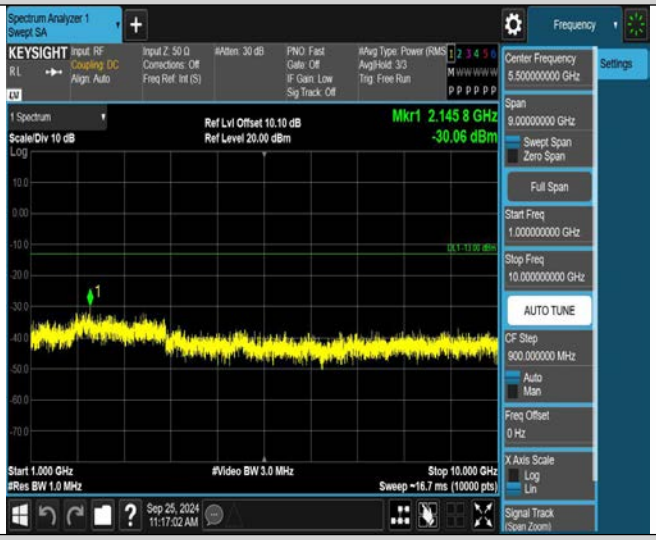


Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz

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



Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
#Atten: 0 dB
PNO: Fast
Gate: Off
IF Gain: High
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 3/3
Trig: Free Run
Frequency
Settings
Center Frequency
1.584500000 GHz
Span
51.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
1.559000000 GHz
Stop Freq
1.610000000 GHz
AUTO TUNE
CF Step
5.100000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 11.90 dB
Ref Level -8.10 dBm
Mkr1 1.588 121 GHz
-59.70 dBm
Start 1.55900 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Stop 1.61000 GHz
Sweep 1.00 ms (1001 pts)
Sep 25, 2024
11:17:29 AM

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-3.56	-0.004567	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-2.00	-0.002566	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-7.42	-0.009519	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-2.53	-0.003235	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-4.82	-0.006164	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	3.32	0.004246	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	9.47	0.012071	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	7.68	0.009790	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	1.20	0.001530	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-2.23	-0.002861	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	7.35	0.009429	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-4.38	-0.005619	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-4.22	-0.005396	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-2.66	-0.003402	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-6.17	-0.007890	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	5.35	0.006820	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	VN	NT	8.55	0.010899	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	5.52	0.007036	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-2.20	-0.002813	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-2.53	-0.003235	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-5.64	-0.007212	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-8.65	-0.011061	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-1.00	-0.001279	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-11.27	-0.014412	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	3.69	0.004734	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	3.05	0.003913	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	1.89	0.002425	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	1.26	0.001616	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	5.88	0.007543	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	7.41	0.009506	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	1.54	0.001976	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	1.23	0.001578	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	7.97	0.010225	±2.5	PASS

Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-5.84	-0.007468	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-6.85	-0.008760	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	-7.93	-0.010141	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	1.32	0.001688	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-2.65	-0.003389	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-3.63	-0.004642	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-5.71	-0.007302	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-6.24	-0.007980	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-4.86	-0.006215	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	8.68	0.011064	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	2.68	0.003416	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	9.44	0.012033	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	3.02	0.003850	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	2.88	0.003671	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	3.48	0.004436	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	4.92	0.006272	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	8.58	0.010937	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	3.09	0.003939	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-3.46	-0.0044	±2.5	PASS

								39		
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	4.58	0.005876	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-6.15	-0.007890	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	2.63	0.003374	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	3.79	0.004862	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-2.29	-0.002938	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-5.44	-0.006979	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-17.62	-0.022604	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	3.10	0.003977	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-7.77	-0.009936	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	1.82	0.002327	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-1.27	-0.001624	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-3.89	-0.004974	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-4.01	-0.005128	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-8.87	-0.011343	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-9.13	-0.011675	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-2.43	-0.003107	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-2.63	-0.003363	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	5.74	0.007317	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-20	5.35	0.006820	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	4.01	0.005112	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	3.79	0.004831	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	2.19	0.002792	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	1.40	0.001785	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	2.37	0.003021	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	1.09	0.001389	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-1.95	-0.002486	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-5.84	-0.007468	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-7.75	-0.009910	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-2.39	-0.003056	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	2.55	0.003261	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-7.81	-0.009987	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-2.95	-0.003772	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-6.77	-0.008657	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-7.31	-0.009348	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-9.67	-0.012366	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-7.10	-0.009079	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-9.30	-0.01189	±2.5	PASS

								3		
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-7.07	-0.009041	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-9.94	-0.012711	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-6.11	-0.007813	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-8.71	-0.011138	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-3.78	-0.004834	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-8.98	-0.011483	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-3.43	-0.004386	±2.5	PASS

--- The End---