Band66-20MHz-16QAM-132072-100RB#0

Band66-20MHz-16QAM-132322-100RB#0

Band66-20MHz-16QAM-132572-100RB#0

Agilent Spectrum Analyzer - Occupied BW
Center Freq 1.770000000 GHz
Center Freq: 1.770000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
#IFGain:Low
Frequency
10 dB/div
Ref 35.00 dBm
Center 1.77 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
Center Freq
1.770000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz
Occupied Bandwidth
17.963 MHz
Total Power
23.8 dBm
Transmit Freq Error
-13.529 kHz
OBW Power
99.00 %
x dB Bandwidth
19.05 MHz
x dB
-26.00 dB

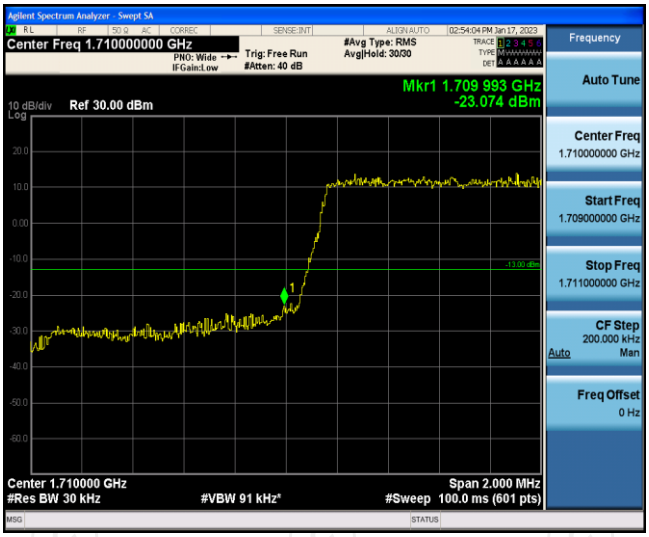
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-23.07	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-25.01	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-23.55	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-23.30	PASS
Band66	3MHz	QPSK	131987	15RB#0	-16.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	-15.59	PASS
Band66	3MHz	16QAM	131987	15RB#0	-17.68	PASS
Band66	3MHz	16QAM	132657	15RB#0	-17.72	PASS
Band66	5MHz	QPSK	131997	25RB#0	-19.70	PASS
Band66	5MHz	QPSK	132647	25RB#0	-21.02	PASS
Band66	5MHz	16QAM	131997	25RB#0	-21.32	PASS
Band66	5MHz	16QAM	132647	25RB#0	-23.33	PASS
Band66	10MHz	QPSK	132022	50RB#0	-24.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	-24.68	PASS
Band66	10MHz	16QAM	132022	50RB#0	-24.57	PASS
Band66	10MHz	16QAM	132622	1RB#0	-31.54	PASS
Band66	10MHz	16QAM	132622	1RB#49	-13.73	PASS
Band66	10MHz	16QAM	132622	50RB#0	-23.93	PASS
Band66	15MHz	QPSK	132047	75RB#0	-23.67	PASS
Band66	15MHz	QPSK	132597	75RB#0	-24.62	PASS
Band66	15MHz	16QAM	132047	75RB#0	-23.55	PASS
Band66	15MHz	16QAM	132597	75RB#0	-23.28	PASS
Band66	20MHz	QPSK	132072	1RB#0	-13.95	PASS
Band66	20MHz	QPSK	132072	1RB#99	-33.51	PASS
Band66	20MHz	QPSK	132072	100RB#0	-25.81	PASS
Band66	20MHz	QPSK	132572	100RB#0	-26.41	PASS
Band66	20MHz	16QAM	132072	100RB#0	-22.47	PASS
Band66	20MHz	16QAM	132572	100RB#0	-27.09	PASS

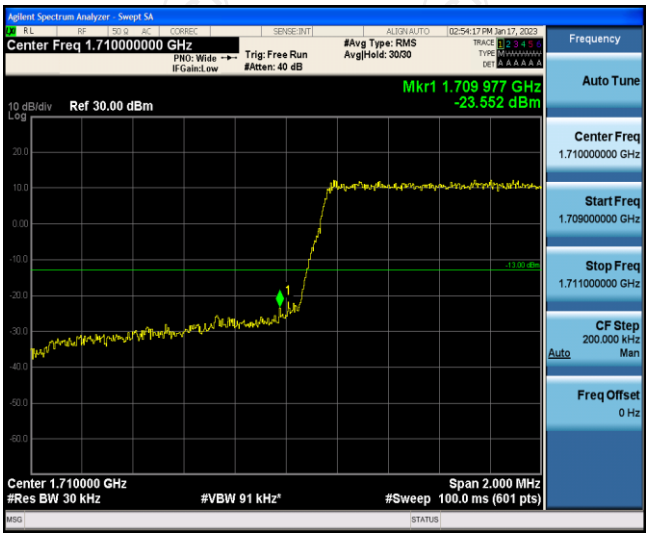
Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0



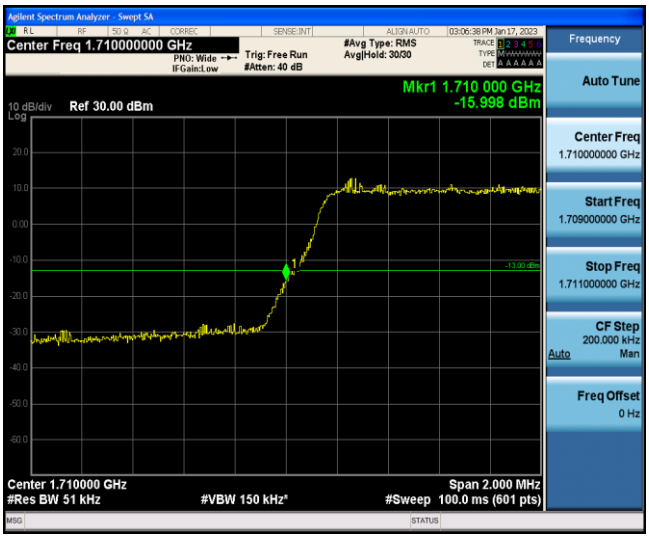
Band66-1.4MHz-QPSK-132665-6RB#0

Band66-1.4MHz-16QAM-131979-6RB#0



Band66-1.4MHz-16QAM-132665-6RB#0

Band66-3MHz-QPSK-131987-15RB#0



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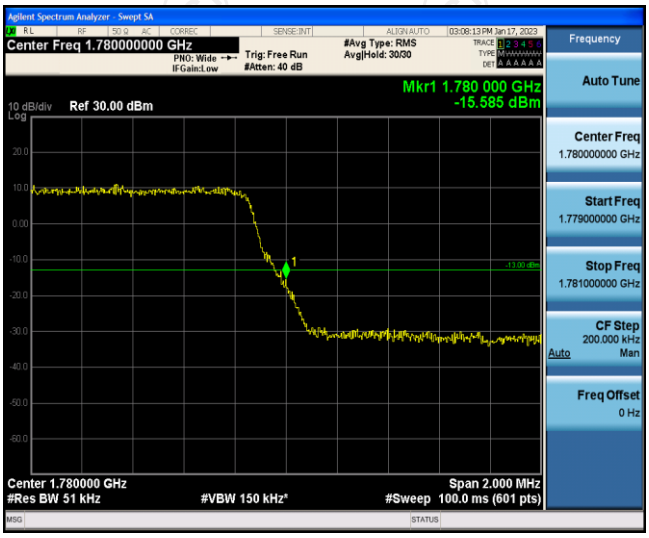

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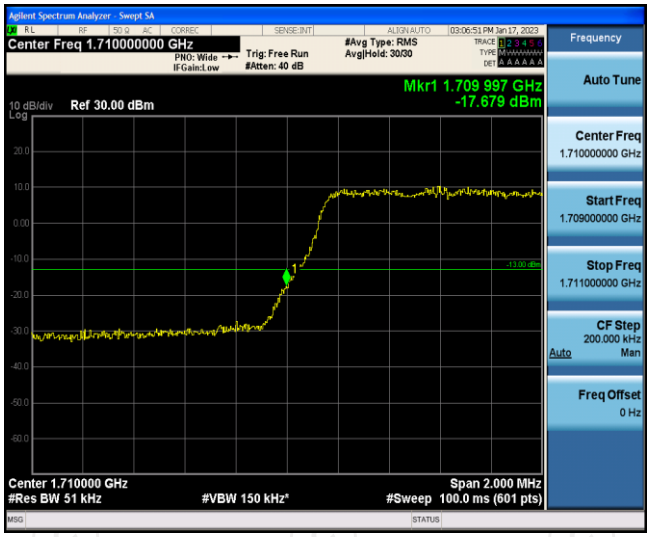

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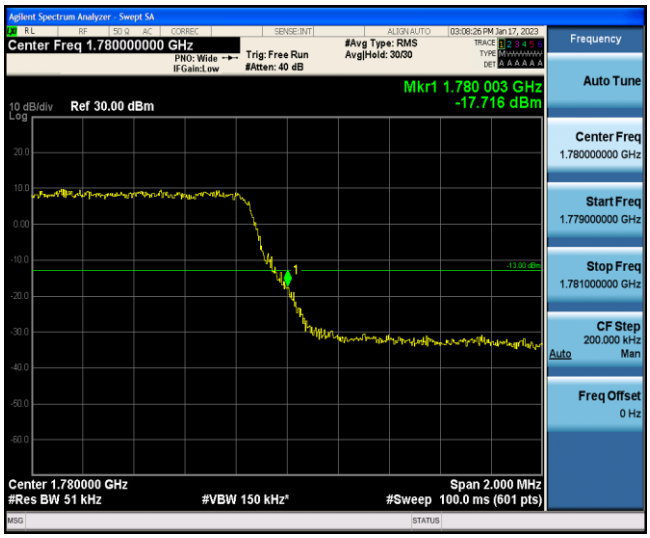
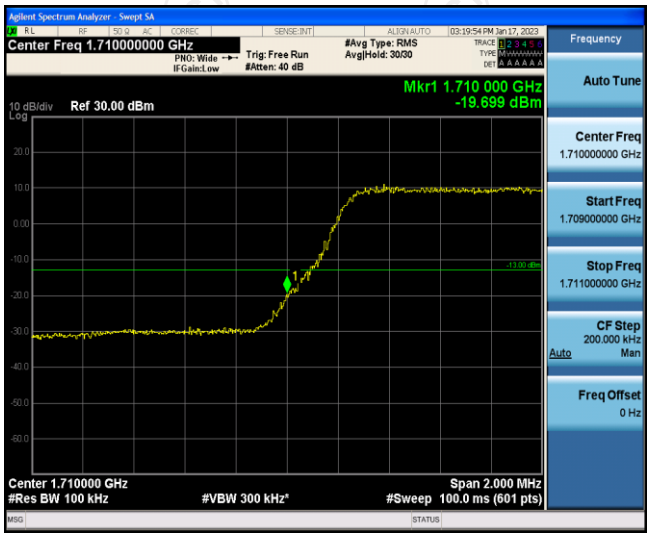
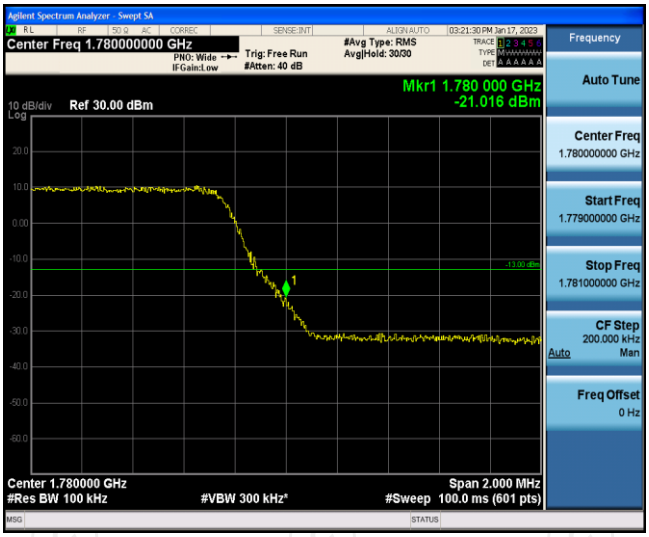


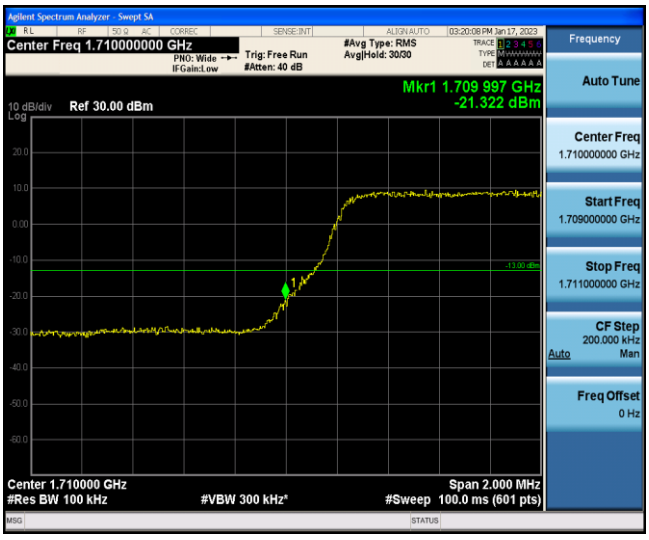
Band66-5MHz-QPSK-131997-25RB#0



Band66-5MHz-QPSK-132647-25RB#0



Band66-5MHz-16QAM-131997-25RB#0



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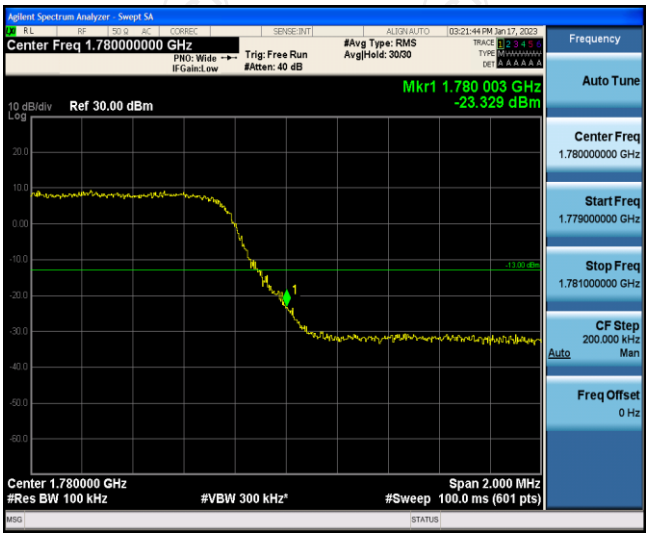
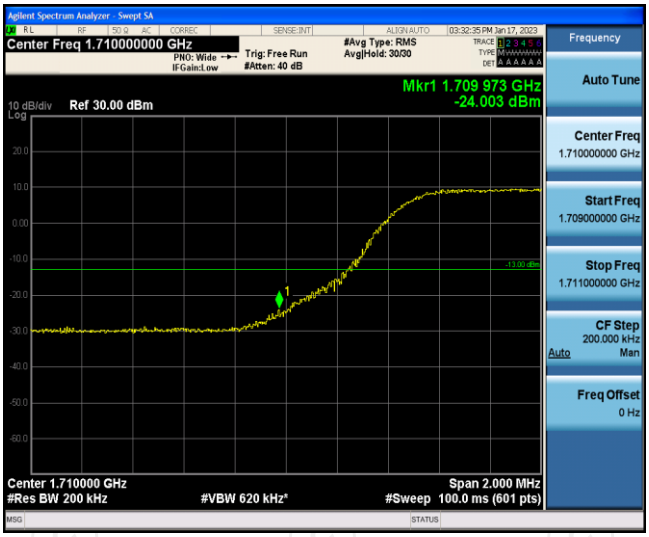
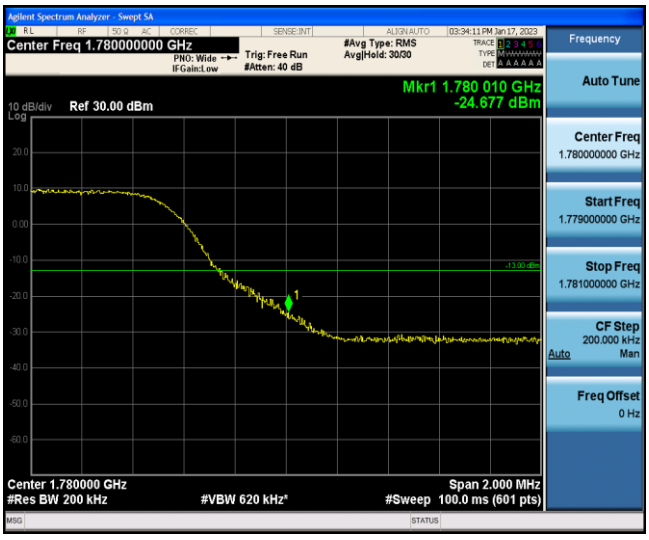


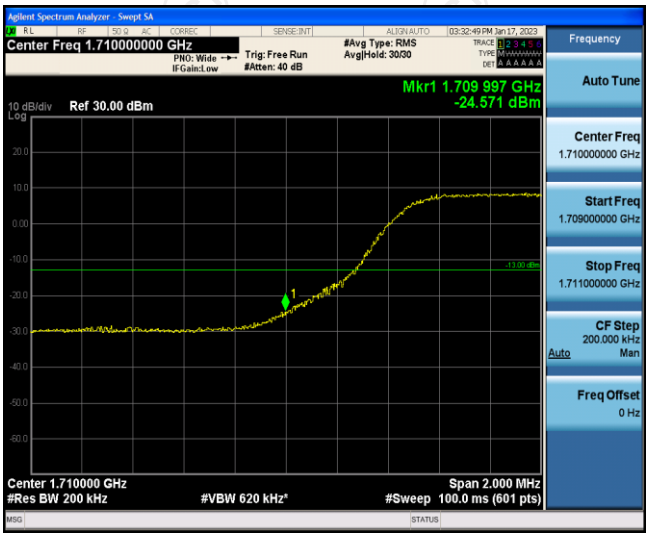
Band66-10MHz-QPSK-132022-50RB#0



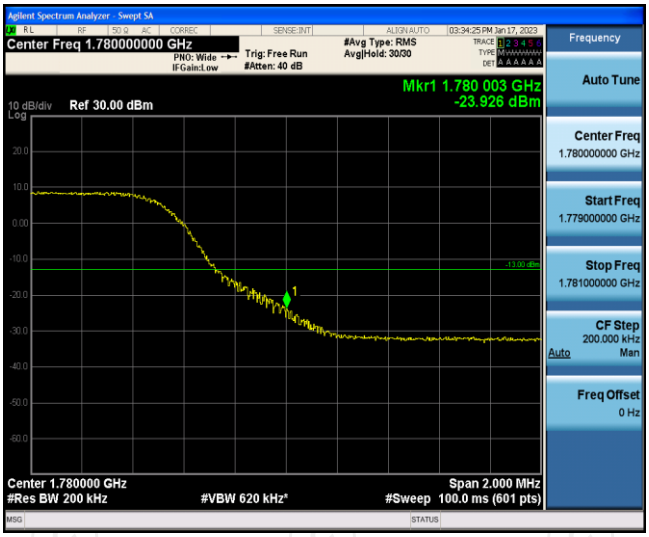
Band66-10MHz-QPSK-132622-50RB#0



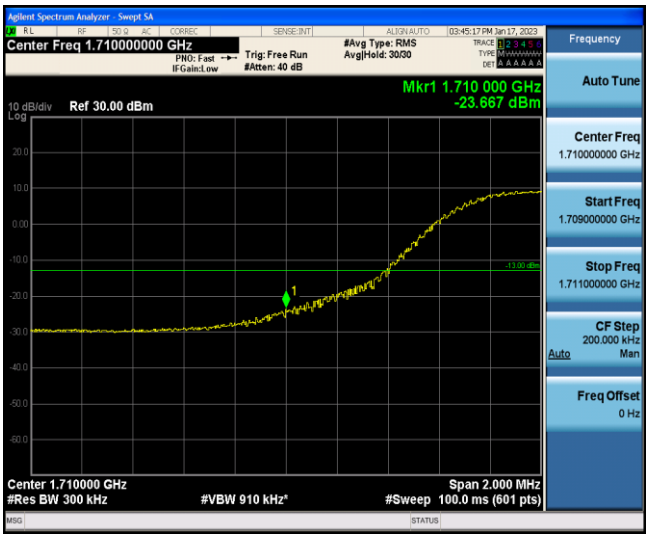
Band66-10MHz-16QAM-132022-50RB#0



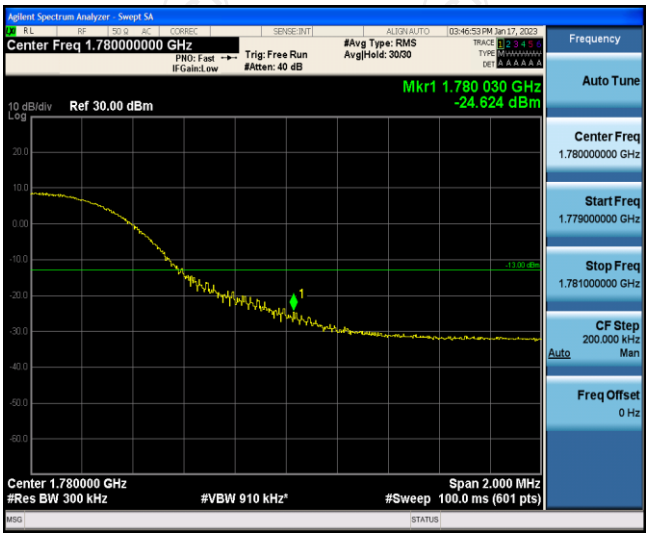
Band66-10MHz-16QAM-132622-50RB#0



Band66-15MHz-QPSK-132047-75RB#0

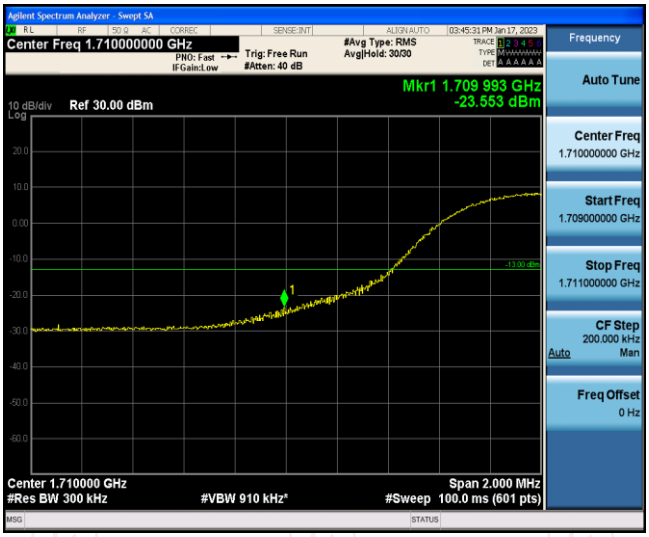


Band66-15MHz-QPSK-132597-75RB#0

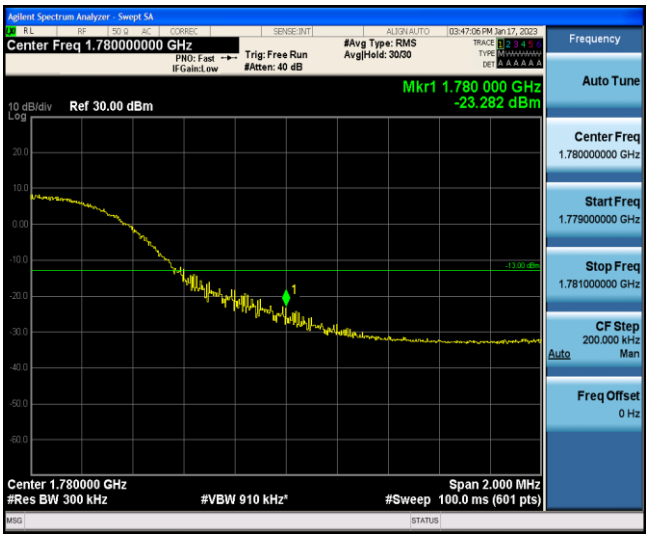


Band66-15MHz-16QAM-132047-75RB#0

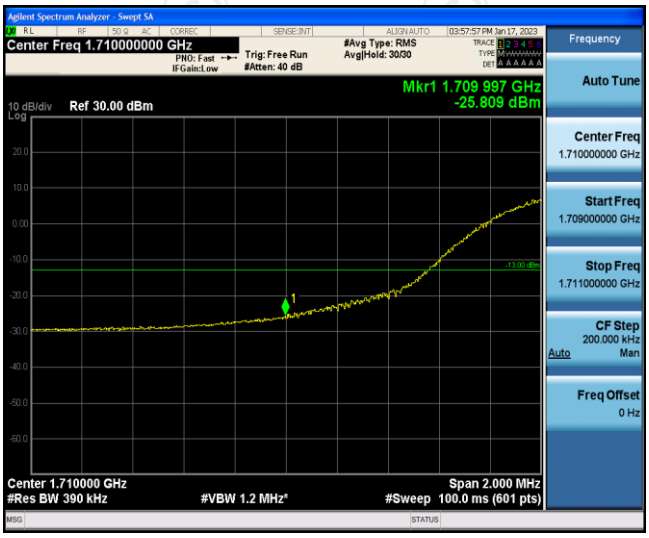
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band66-15MHz-16QAM-132597-75RB#0

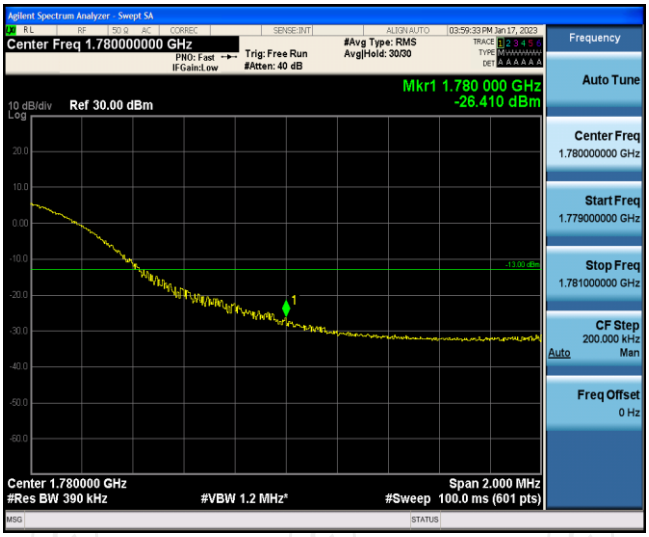


Band66-20MHz-QPSK-132072-100RB#0

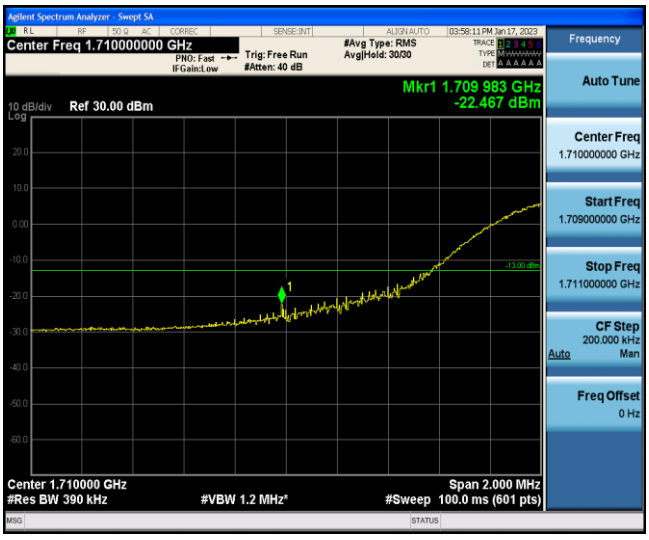


Band66-20MHz-QPSK-132572-100RB#0

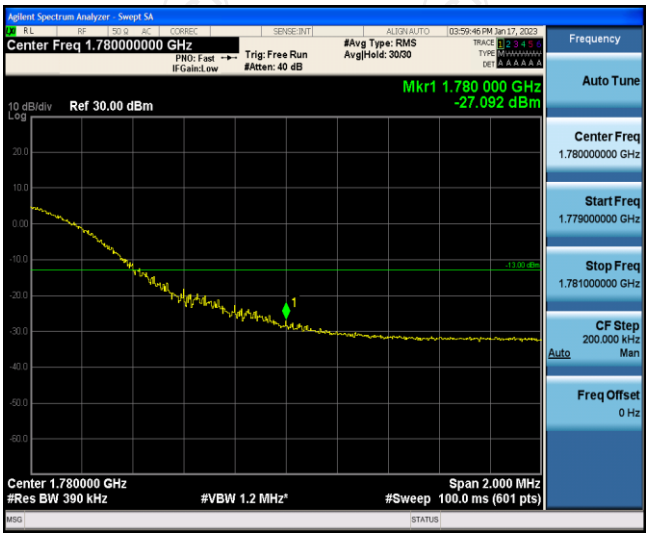
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band66-20MHz-16QAM-132072-100RB#0



Band66-20MHz-16QAM-132572-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

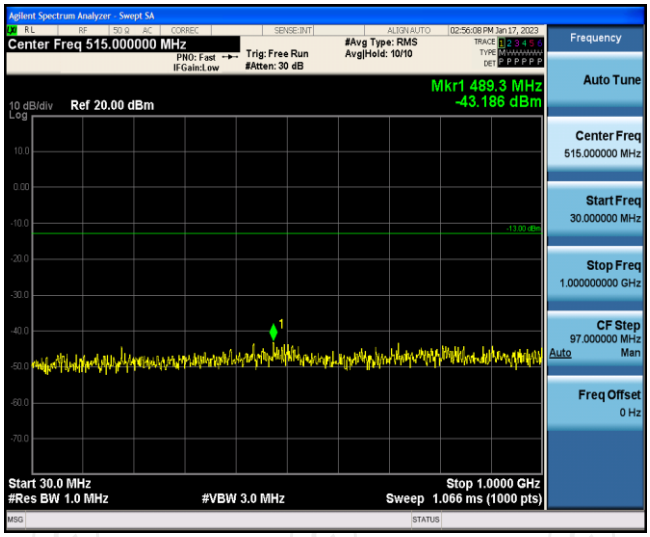
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-43.19	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-25.76	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-41.72	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-25.6	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-43.46	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-25.37	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-43.48	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-25.76	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-42.63	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-26.02	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-43.03	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-27.01	PASS
Band66	3MHz	QPSK	131987	1RB#0	Range1:30~1000MHz	-43.02	PASS
Band66	3MHz	QPSK	131987	1RB#0	Range2:1000~20000MHz	-26.38	PASS
Band66	3MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-43.18	PASS
Band66	3MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-24.83	PASS
Band66	3MHz	QPSK	132657	1RB#0	Range1:30~1000MHz	-43.52	PASS
Band66	3MHz	QPSK	132657	1RB#0	Range2:1000~20000MHz	-26.43	PASS
Band66	3MHz	16QAM	131987	1RB#0	Range1:30~1000MHz	-42.9	PASS
Band66	3MHz	16QAM	131987	1RB#0	Range2:1000~20000MHz	-25.95	PASS
Band66	3MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-42.52	PASS
Band66	3MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-26.6	PASS
Band66	3MHz	16QAM	132657	1RB#0	Range1:30~1000MHz	-43.41	PASS
Band66	3MHz	16QAM	132657	1RB#0	Range2:1000~20000MHz	-25.98	PASS
Band66	5MHz	QPSK	131997	1RB#0	Range1:30~1000MHz	-43.3	PASS
Band66	5MHz	QPSK	131997	1RB#0	Range2:1000~20000MHz	-25.85	PASS
Band66	5MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-43.08	PASS
Band66	5MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-25.69	PASS
Band66	5MHz	QPSK	132647	1RB#0	Range1:30~1000MHz	-43.36	PASS
Band66	5MHz	QPSK	132647	1RB#0	Range2:1000~20000MHz	-25.47	PASS
Band66	5MHz	16QAM	131997	1RB#0	Range1:30~1000MHz	-43.15	PASS
Band66	5MHz	16QAM	131997	1RB#0	Range2:1000~20000MHz	-25.88	PASS
Band66	5MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-43.38	PASS
Band66	5MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-25.59	PASS
Band66	5MHz	16QAM	132647	1RB#0	Range1:30~1000MHz	-43.28	PASS

Band66	5MHz	16QAM	132647	1RB#0	Range2:1000~20000MHz	-25.99	PASS
Band66	10MHz	QPSK	132022	1RB#0	Range1:30~1000MHz	-42.7	PASS
Band66	10MHz	QPSK	132022	1RB#0	Range2:1000~20000MHz	-26.1	PASS
Band66	10MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-42.94	PASS
Band66	10MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-26.27	PASS
Band66	10MHz	QPSK	132622	1RB#0	Range1:30~1000MHz	-42.88	PASS
Band66	10MHz	QPSK	132622	1RB#0	Range2:1000~20000MHz	-25.89	PASS
Band66	10MHz	16QAM	132022	1RB#0	Range1:30~1000MHz	-43.31	PASS
Band66	10MHz	16QAM	132022	1RB#0	Range2:1000~20000MHz	-26.11	PASS
Band66	10MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-43.25	PASS
Band66	10MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-25.41	PASS
Band66	10MHz	16QAM	132622	1RB#0	Range1:30~1000MHz	-42.48	PASS
Band66	10MHz	16QAM	132622	1RB#0	Range2:1000~20000MHz	-25.44	PASS
Band66	15MHz	QPSK	132047	1RB#0	Range1:30~1000MHz	-43.51	PASS
Band66	15MHz	QPSK	132047	1RB#0	Range2:1000~20000MHz	-25.89	PASS
Band66	15MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-42.79	PASS
Band66	15MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-25.82	PASS
Band66	15MHz	QPSK	132597	1RB#0	Range1:30~1000MHz	-43.68	PASS
Band66	15MHz	QPSK	132597	1RB#0	Range2:1000~20000MHz	-25.14	PASS
Band66	15MHz	16QAM	132047	1RB#0	Range1:30~1000MHz	-43.42	PASS
Band66	15MHz	16QAM	132047	1RB#0	Range2:1000~20000MHz	-25.73	PASS
Band66	15MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-42.56	PASS
Band66	15MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-25.46	PASS
Band66	15MHz	16QAM	132597	1RB#0	Range1:30~1000MHz	-42.77	PASS
Band66	15MHz	16QAM	132597	1RB#0	Range2:1000~20000MHz	-25.59	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-43.95	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-26.09	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-43.67	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-24.99	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-43.26	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-26.09	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-43.53	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-25.18	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-42.93	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-24.83	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-43.13	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-25.41	PASS

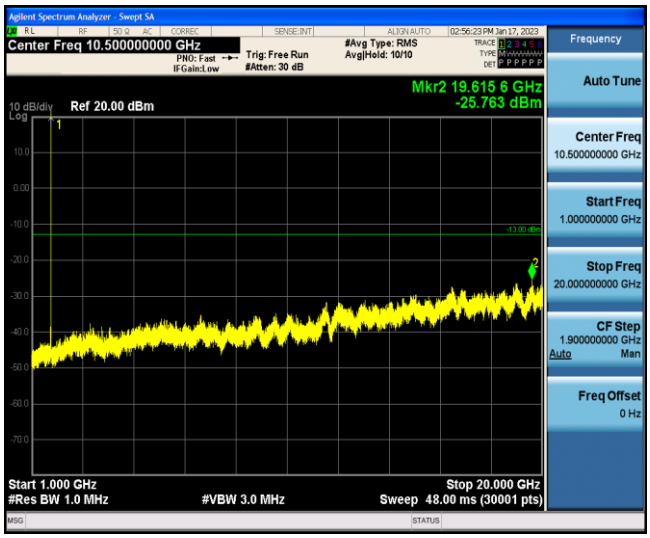
Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0-Range1:30~1000MHz

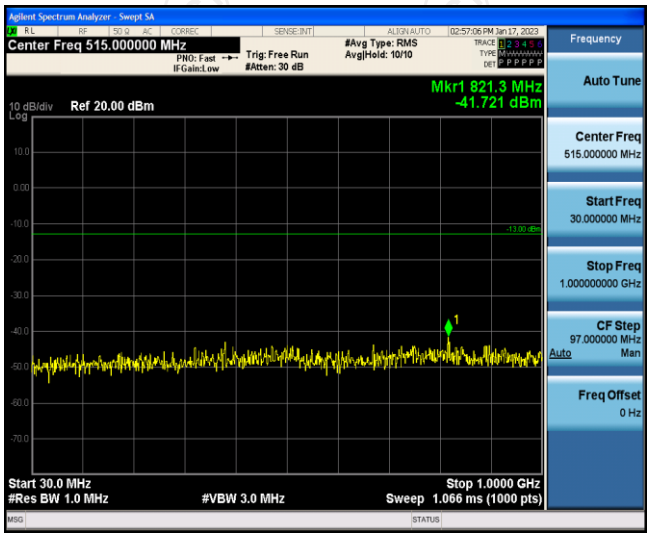
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



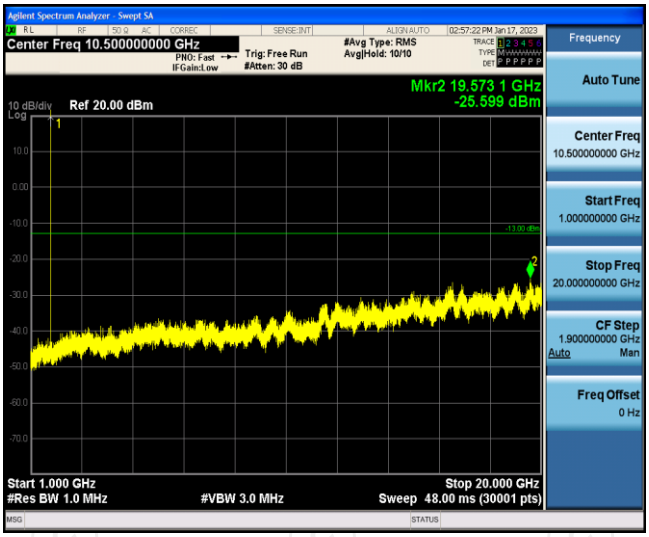
Band66-1.4MHz-QPSK-131979-1RB#0-Range2:1000~20000MHz



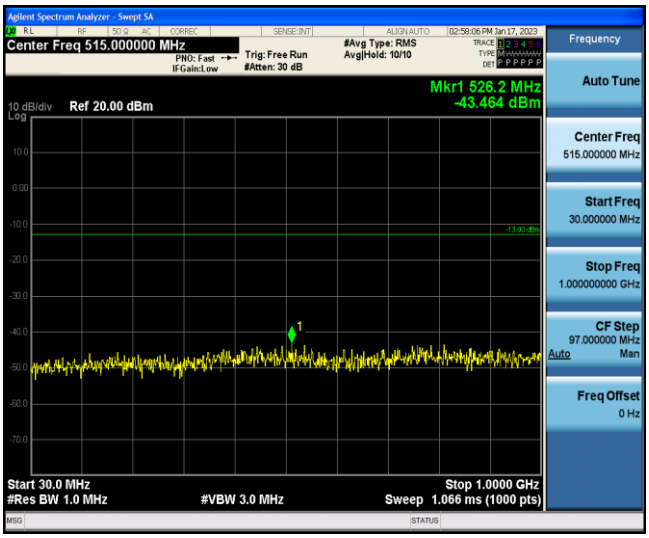
Band66-1.4MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



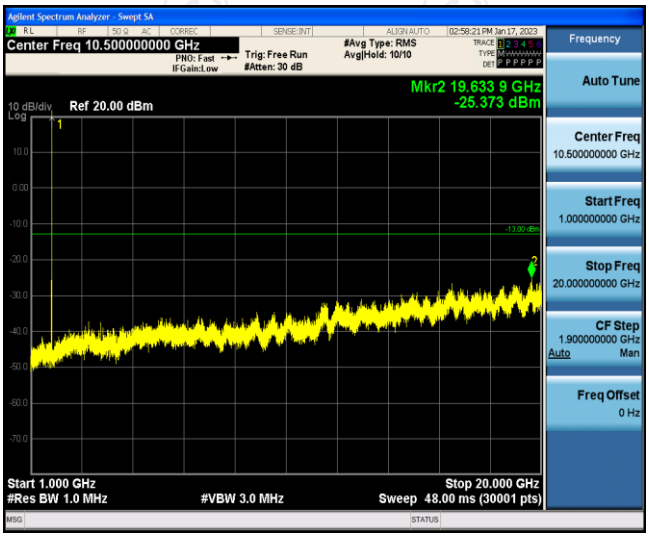
Band66-1.4MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



Band66-1.4MHz-QPSK-132665-1RB#0-Range1:30~1000MHz

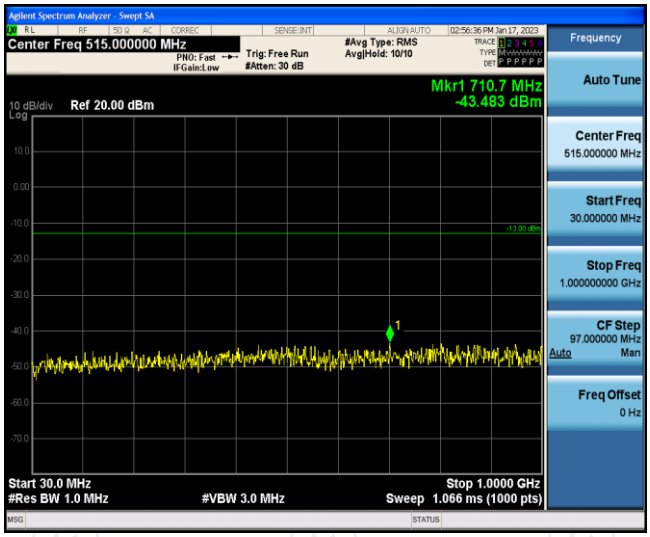


Band66-1.4MHz-QPSK-132665-1RB#0-Range2:1000~20000MHz

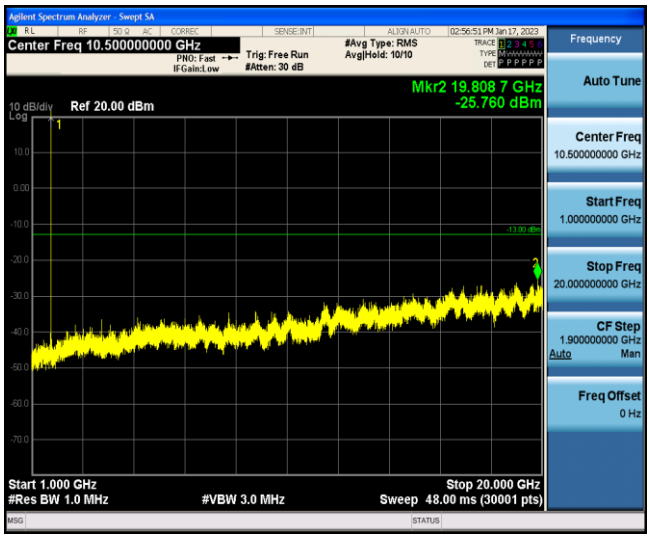


Band66-1.4MHz-16QAM-131979-1RB#0-Range1:30~1000MHz

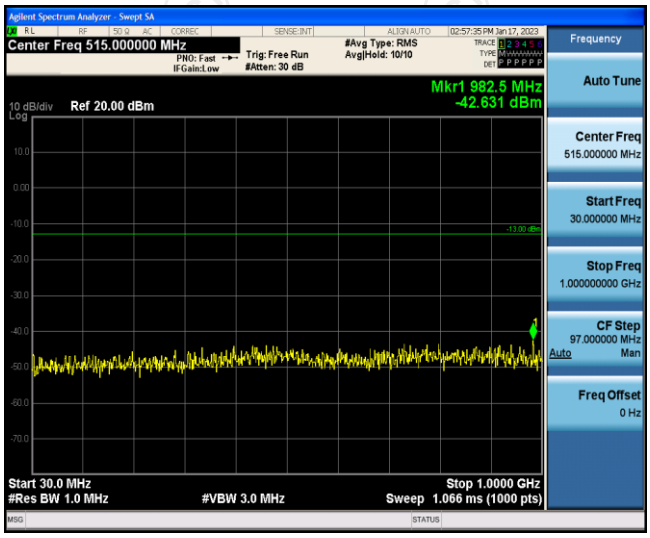
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band66-1.4MHz-16QAM-131979-1RB#0-Range2:1000~20000MHz

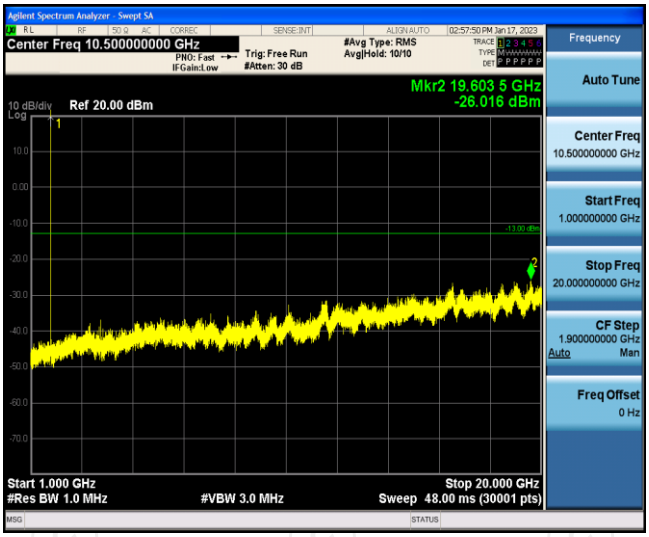


Band66-1.4MHz-16QAM-132322-1RB#0-Range1:30~1000MHz

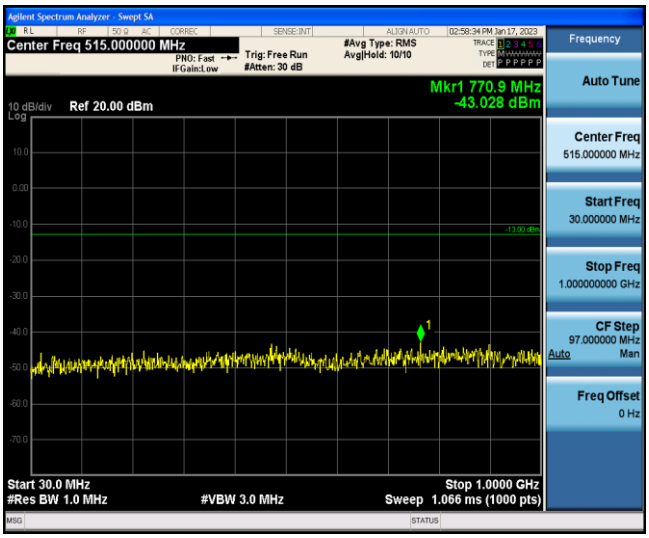


Band66-1.4MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz

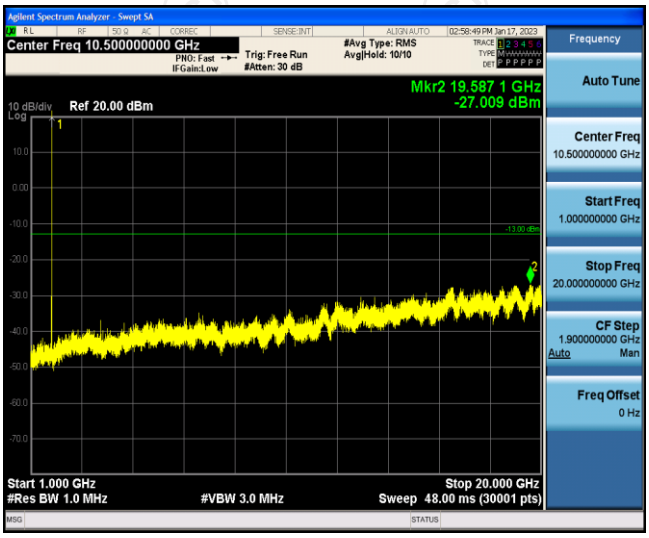
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band66-1.4MHz-16QAM-132665-1RB#0-Range1:30~1000MHz

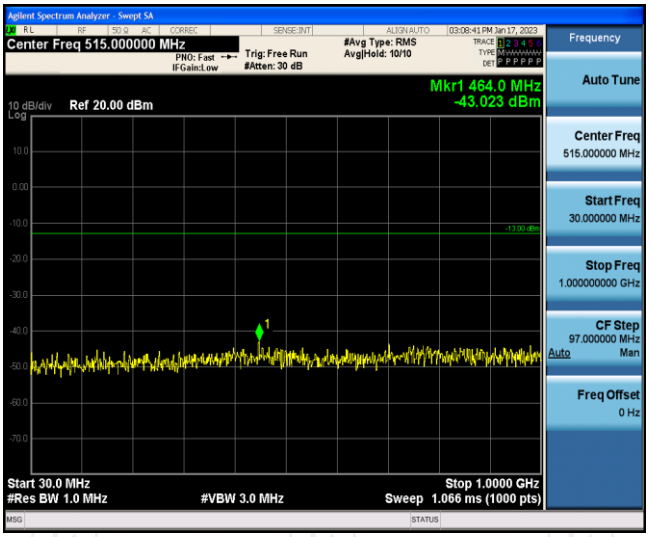


Band66-1.4MHz-16QAM-132665-1RB#0-Range2:1000~20000MHz

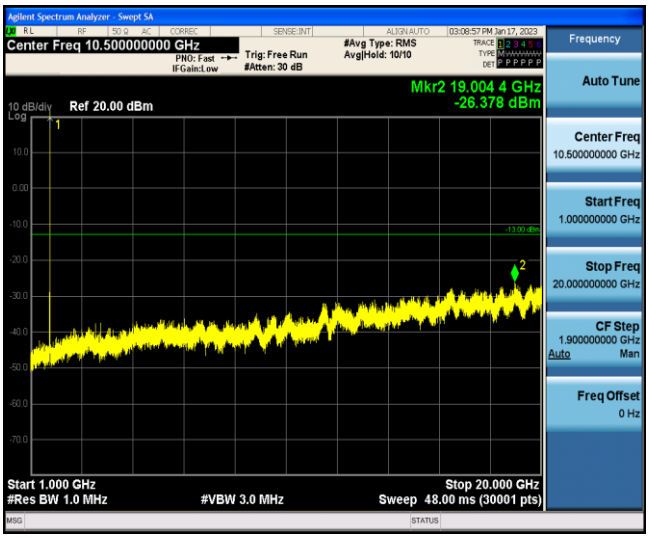


Band66-3MHz-QPSK-131987-1RB#0-Range1:30~1000MHz

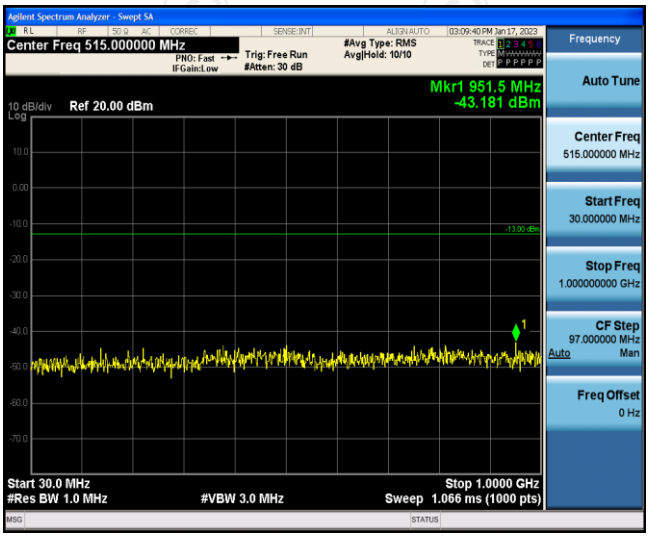
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band66-3MHz-QPSK-131987-1RB#0-Range2:1000~20000MHz

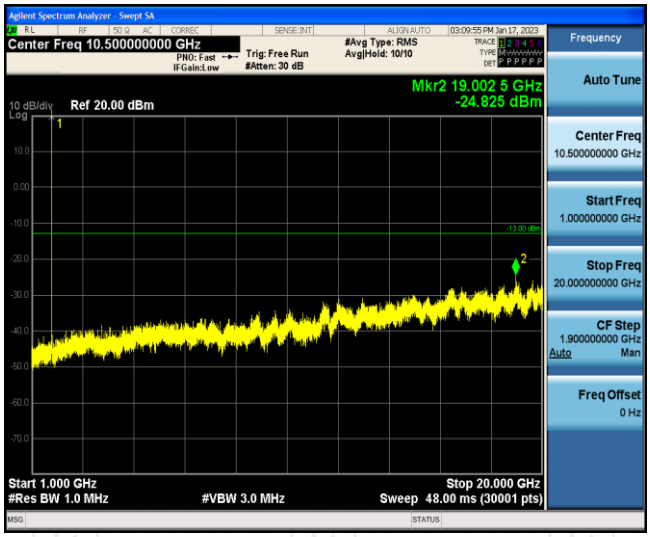


Band66-3MHz-QPSK-132322-1RB#0-Range1:30~1000MHz

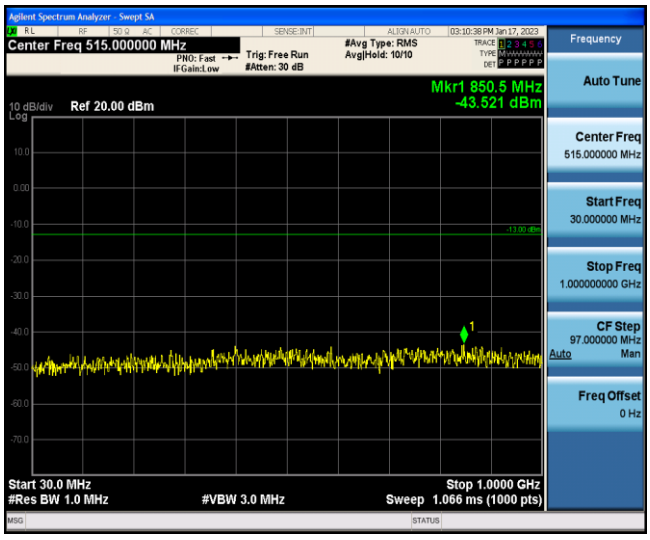


Band66-3MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz

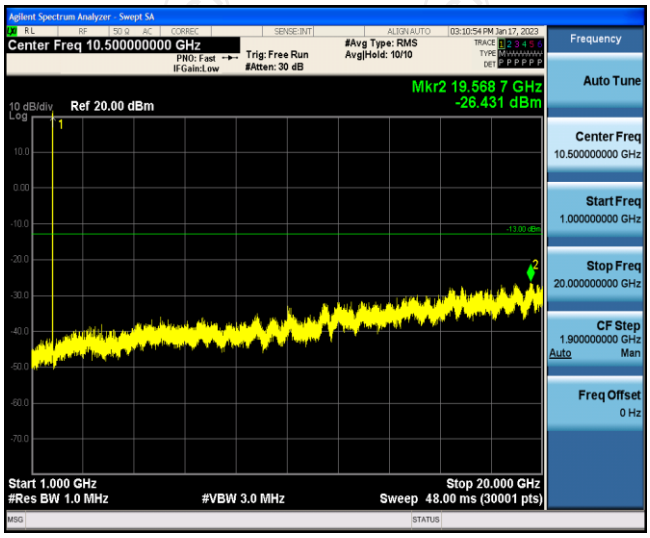
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



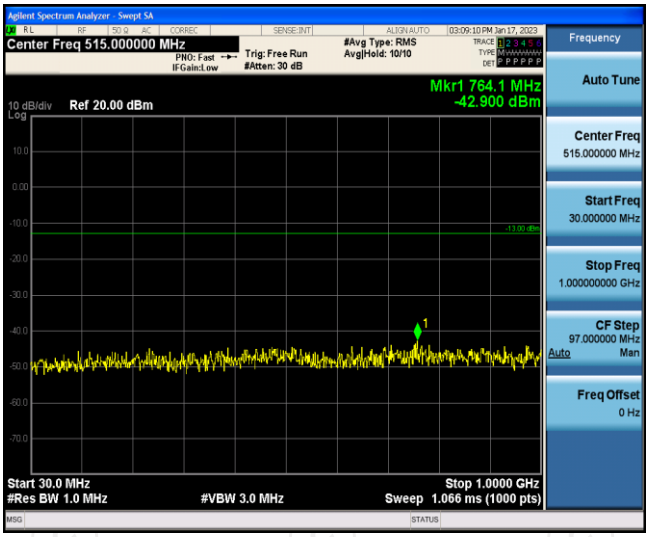
Band66-3MHz-QPSK-132657-1RB#0-Range1:30~1000MHz



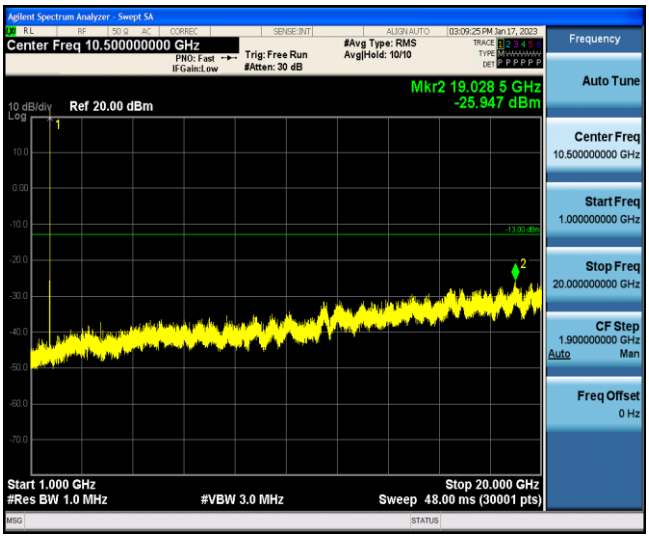
Band66-3MHz-QPSK-132657-1RB#0-Range2:1000~20000MHz



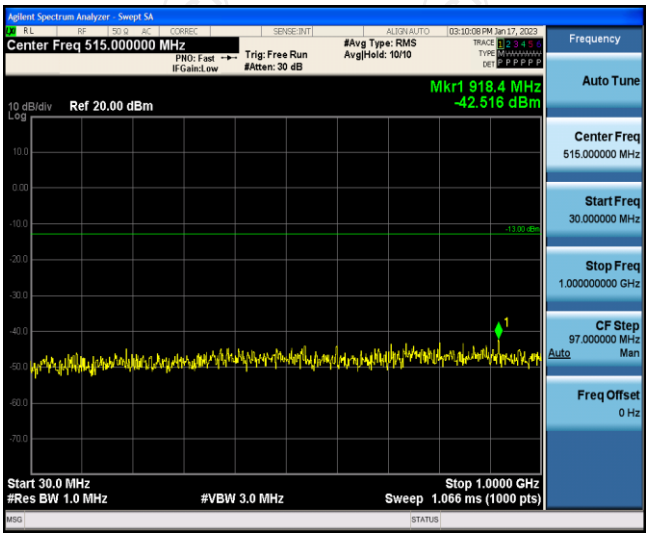
Band66-3MHz-16QAM-131987-1RB#0-Range1:30~1000MHz



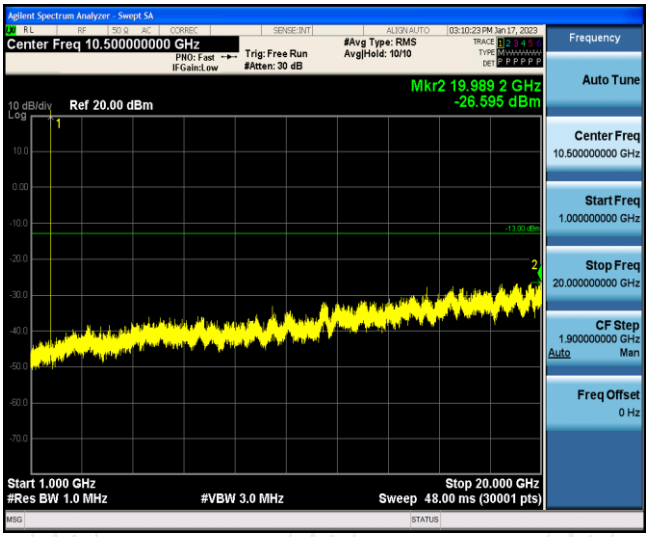
Band66-3MHz-16QAM-131987-1RB#0-Range2:1000~20000MHz



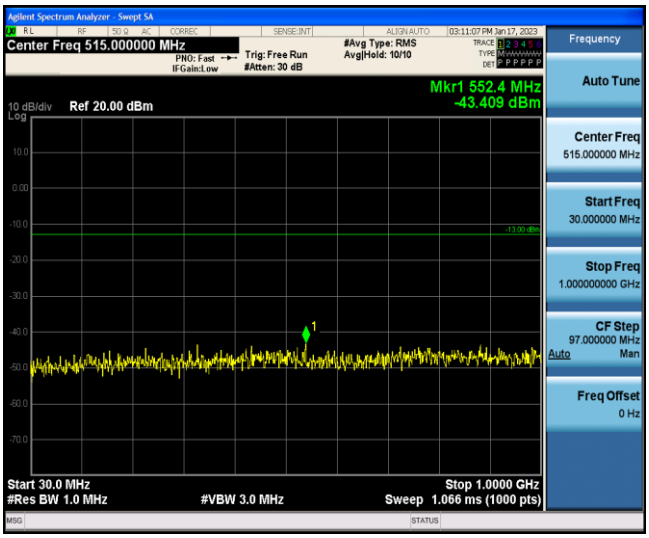
Band66-3MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



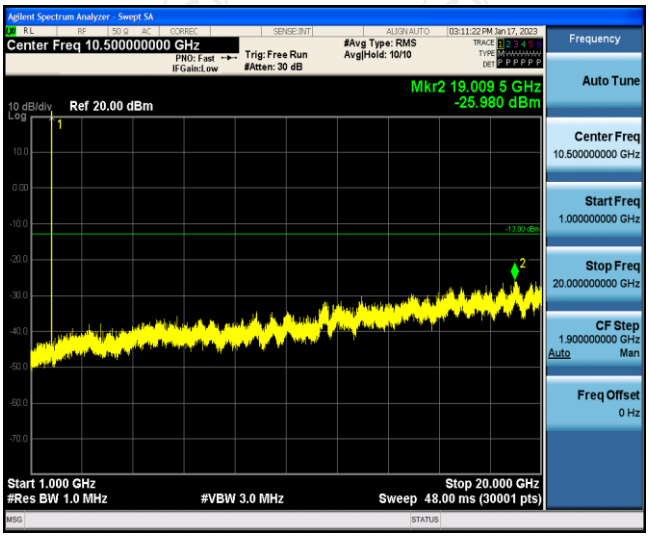
Band66-3MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



Band66-3MHz-16QAM-132657-1RB#0-Range1:30~1000MHz



Band66-3MHz-16QAM-132657-1RB#0-Range2:1000~20000MHz



Band66-5MHz-QPSK-131997-1RB#0-Range1:30~1000MHz