

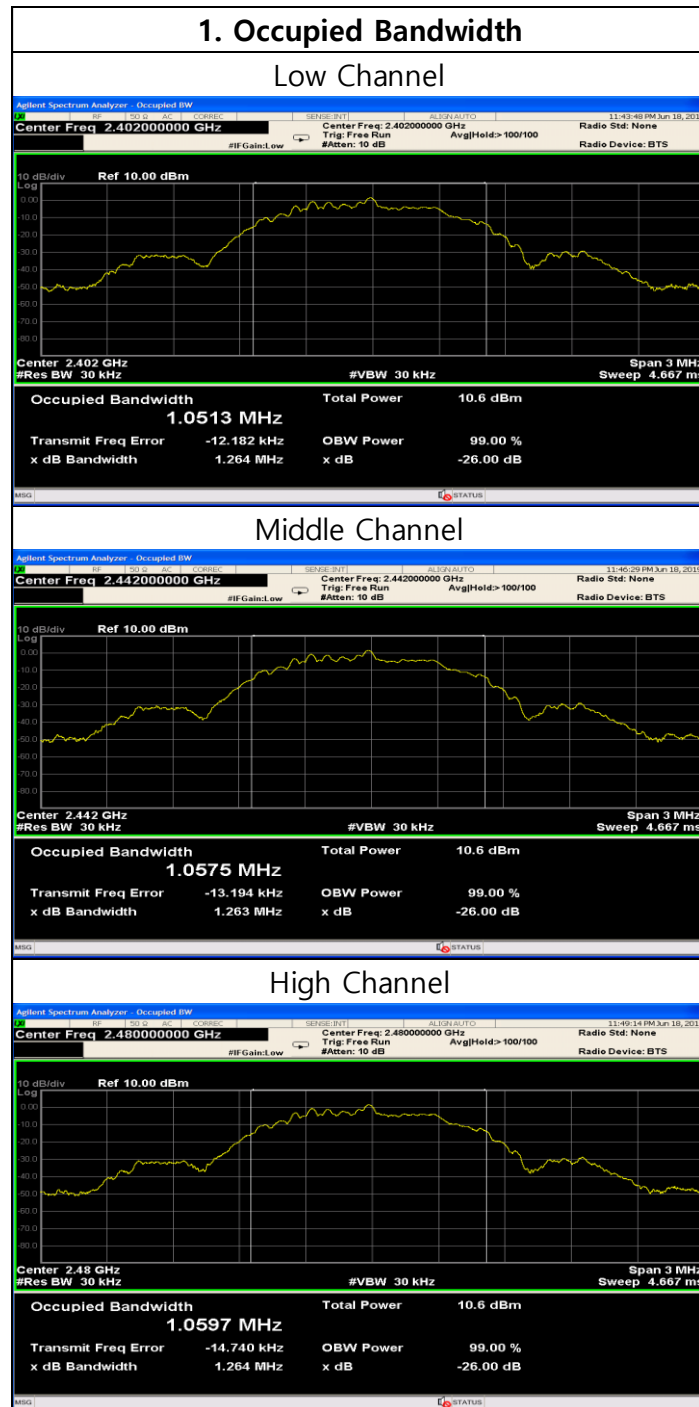
#### 4.6. GFSK modulation\_Test Voltage 21.6 V

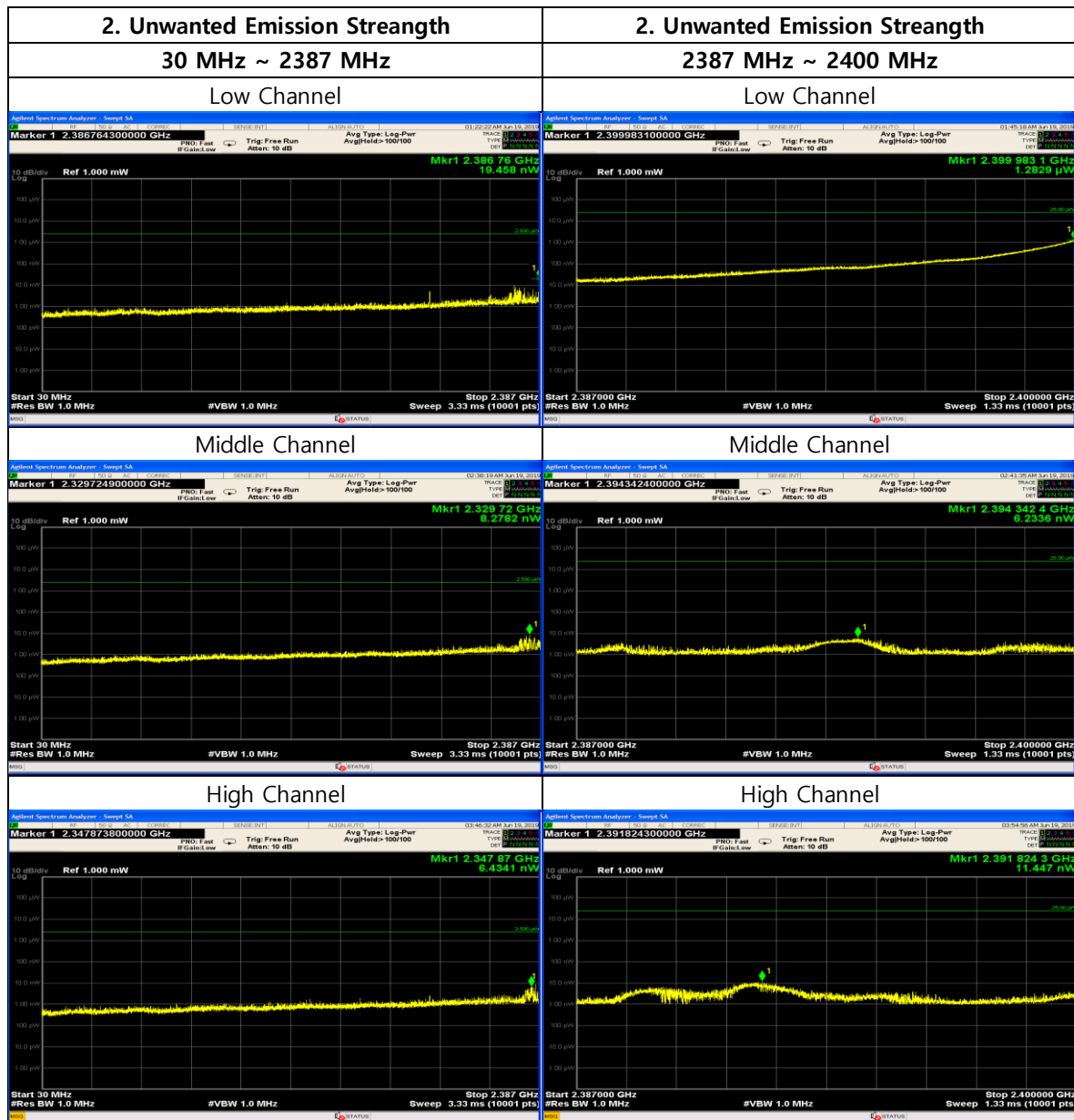
Peak Antenna Gain	-2.00	dBi
Declaration Output Power	9	mW
Declaration Output Power	9.5424	dBm
<b>E.I.R.P.</b>	<b>7.5424</b>	<b>dBm</b>
Test Voltage	21.60	VDC

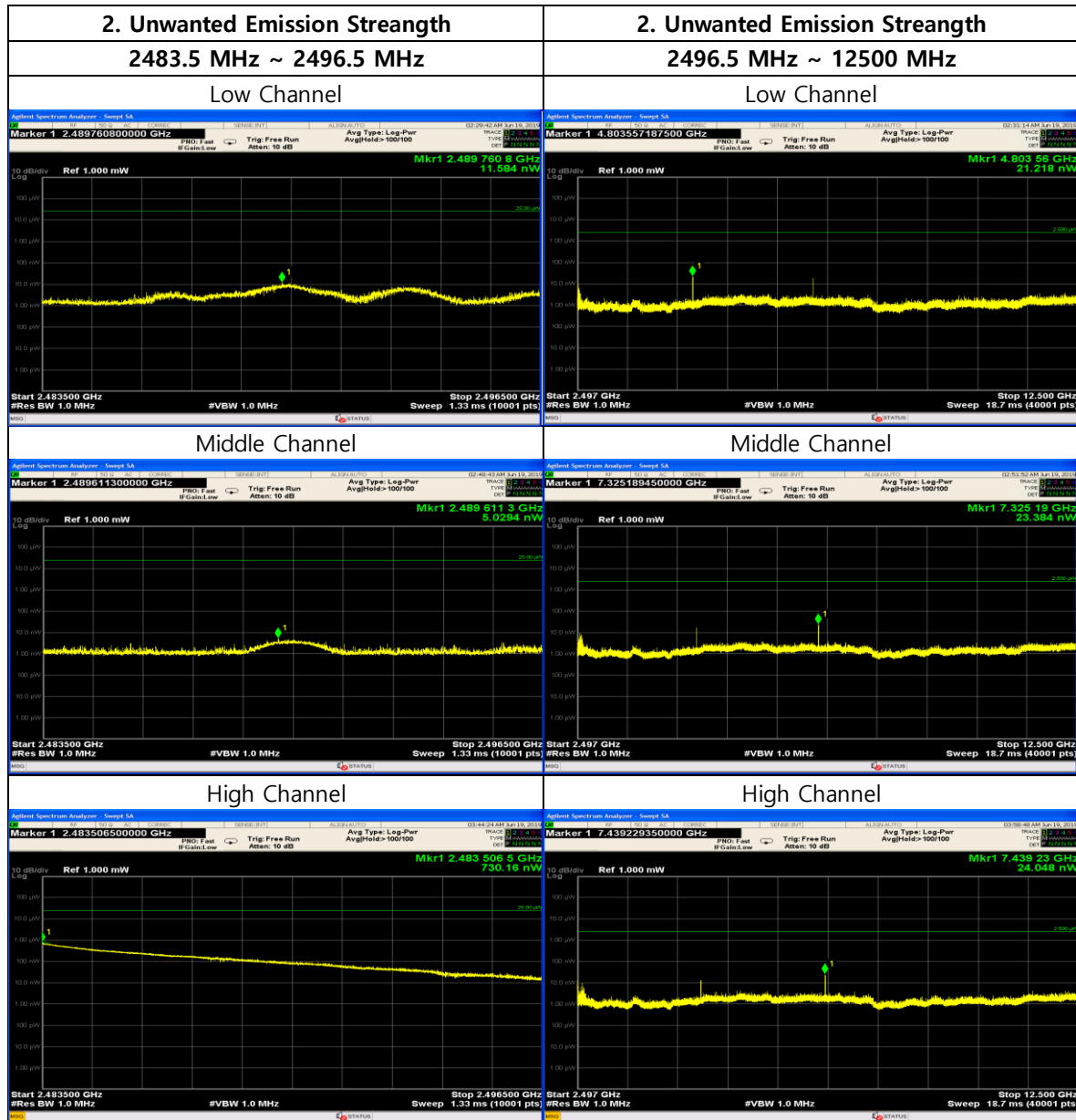
Tested Circuit Insertion Loss		Refer to the insertion loss	dB
Frequency equal to the Transmission rate		Not Applicable	MHz
Transmission Time	ON TIME (1sec or less)	0.391	ms
	OFF TIME (0.1sec or more)	0.231	ms
	Ratio	0.628617363	%
Packet Type (Mode)		Not Applicable	mode
Transmit Speed		Not Applicable	MHz

Measurement Frequency		MHz	2402	2442	2480	Result	Limit
Channel Number		Ch.	0	20	39	---	---
Frequency Measurements		MHz	2401.985375	2441.980687	2479.949937	---	---
Frequency Tolerance		ppm	-6.08868	-7.90868	-20.18669	PASS	±50×10 <sup>-6</sup> (50ppm)
Occupied Bandwidth		MHz	1.0513	1.0575	1.0597	PASS	26MHz or below
RF Output Power		mW	2.785478	2.791841	2.771161	PASS	10mW or below
RF Output Power Tolerance		%	-69.050242	-68.979540	-69.209321		+20 to -80%
Unwanted (Spurious) Emission Strength	30 to 2387MHz	uW/MHz	0.019458	0.008278	0.006434	PASS	2.5uW/MHz or below
		MHz	2386.760	2329.720	2347.870	-----	
	2387 to 2400MHz	uW/MHz	1.282900	0.006234	0.011447	PASS	25uW/MHz or below
		MHz	2399.983	2394.342	2391.824	-----	
	2483.5 to 2496.5MHz	uW/MHz	0.011584	0.005029	0.730160	PASS	25uW/MHz or below
		MHz	2489.761	2489.611	2483.507	-----	
	2496.5 to 12500MHz	uW/MHz	0.021218	0.023384	0.024048	PASS	2.5uW/MHz or below
		MHz	4803.560	7325.190	7439.230	-----	
Secondary Emitted Radio Wave Strength	30 to 1000MHz	nW	0.005630	0.005551	0.005425	PASS	4nW or below
		MHz	320.030	320.030	320.030	-----	
	1000 to 12500MHz	nW	0.055125	0.062531	0.033375	PASS	20nW or below
		MHz	2411.910	1865.090	2412.780	-----	
Interference Prevention Function			Good			PASS	
Transmitting antenna absolute gain			-				*1
Angular width of the main radiation of the transmitting antenna			-				*1
*1 Measurement only if the E.I.R.P. exceeds 12.14dBm							

#### 4.6.1. GFSK modulation\_Test data







## Appendix A Photographs of Test Set-up

### Conducted Test Picture

