

## Appendix C

### RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Smartphone

Trade Mark: Win

Test Model: M5

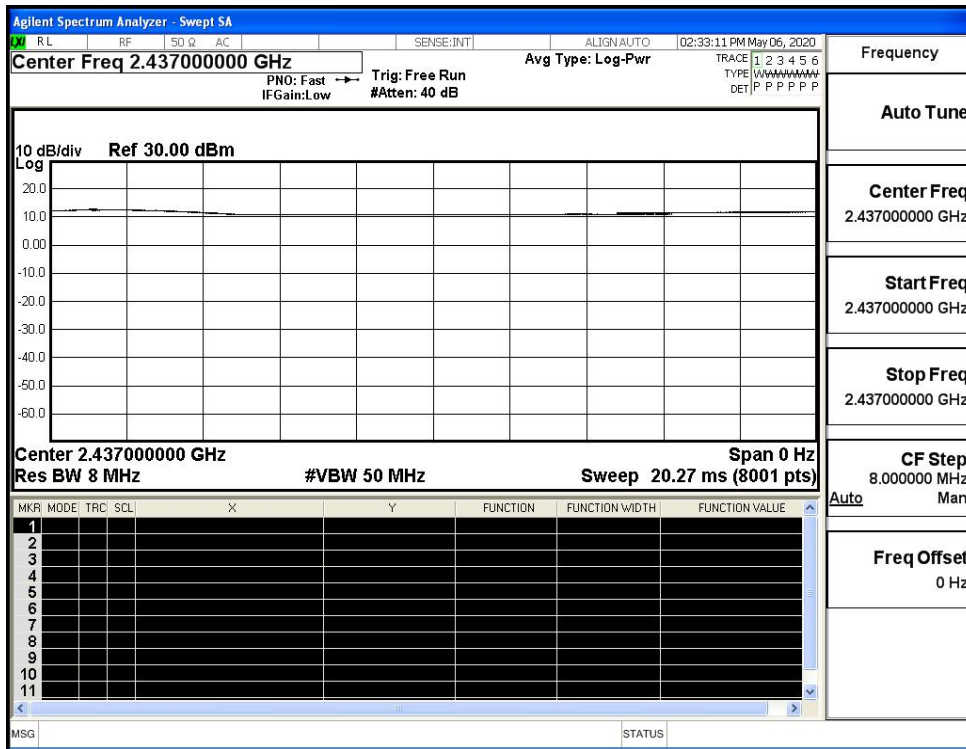
#### Environmental Conditions

Temperature:	24.3 ° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	LI HUAN
Supervised by:	Tom.Liu

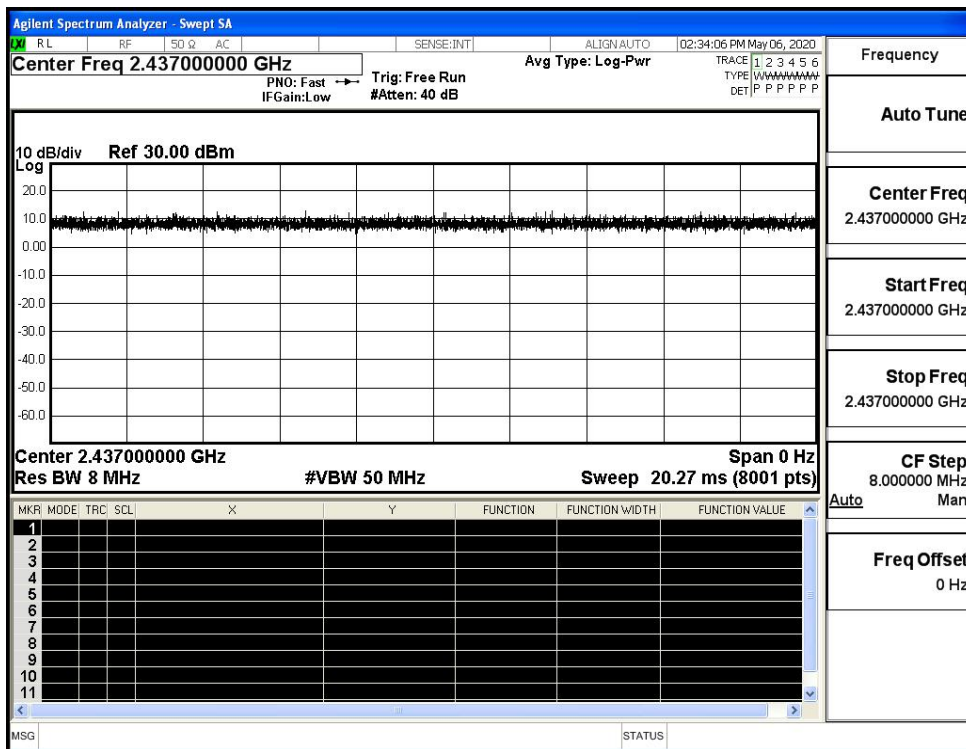
#### C.1 Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS

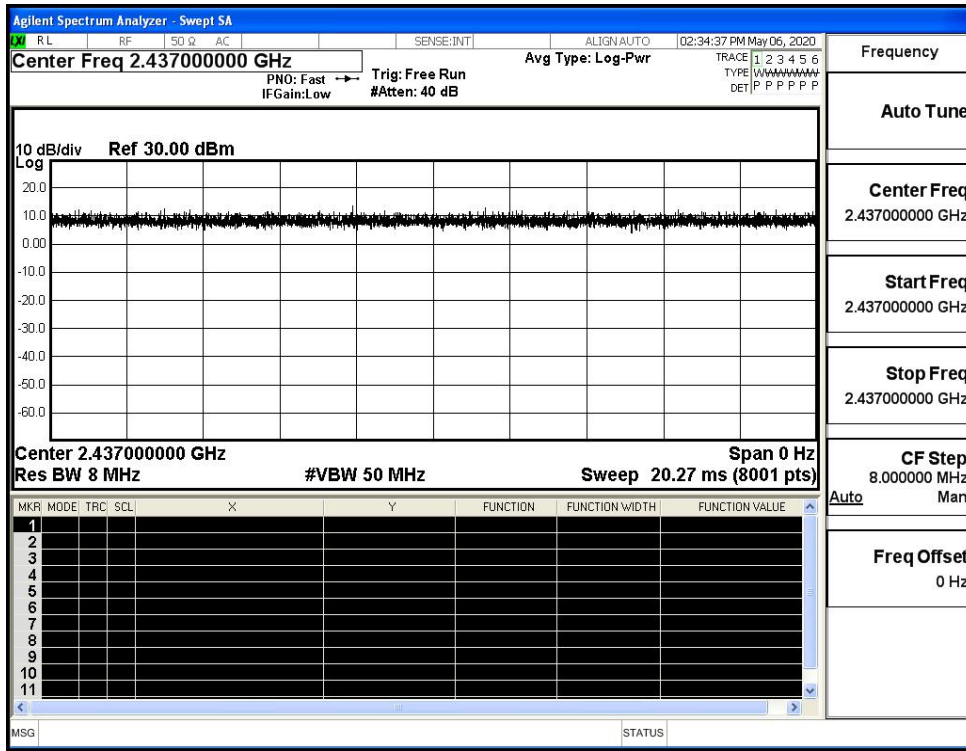
Duty Cycle\_11B\_2437\_Ant1



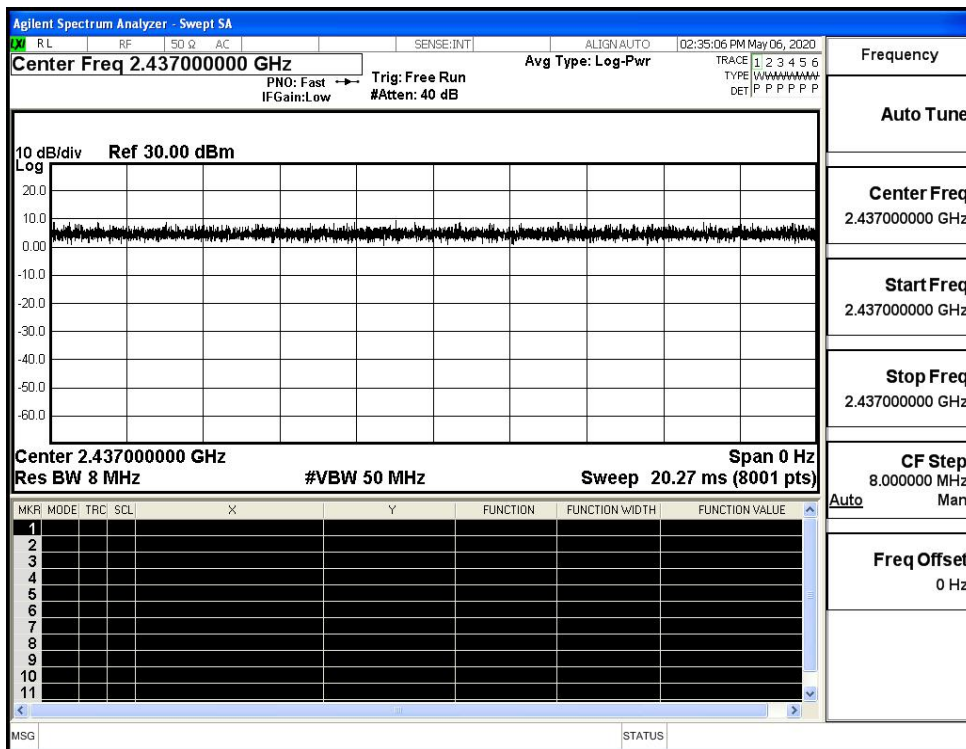
Duty Cycle\_11G\_2437\_Ant1



Duty Cycle\_11N20SISO\_2437\_Ant1



Duty Cycle\_11N40SISO\_2437\_Ant1

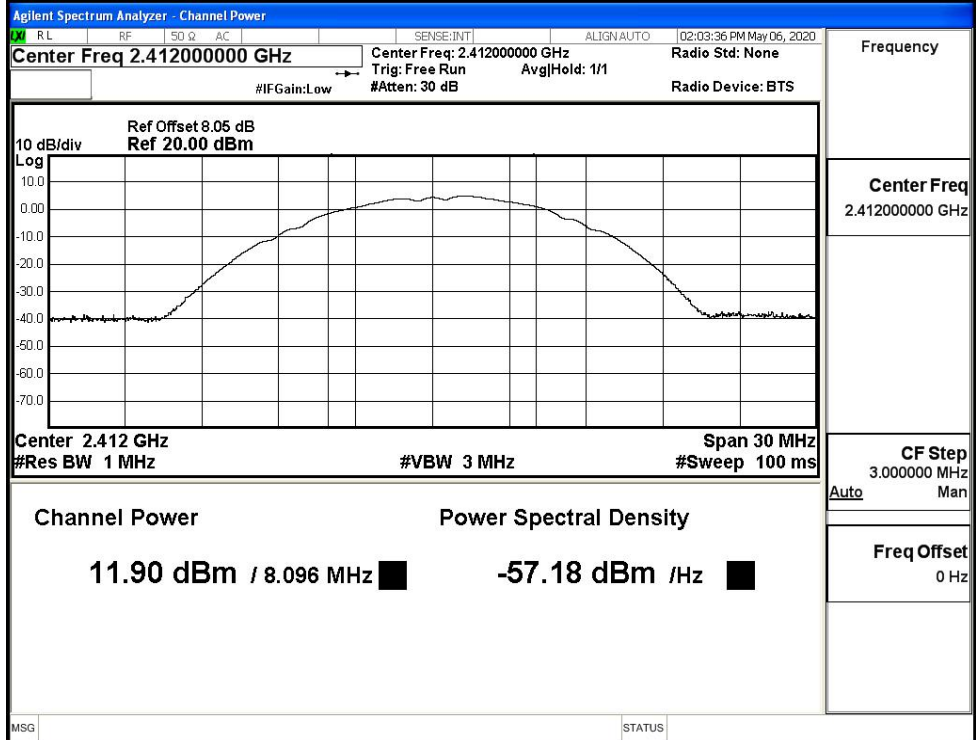


**C.2 Maximum Conducted Output Power**

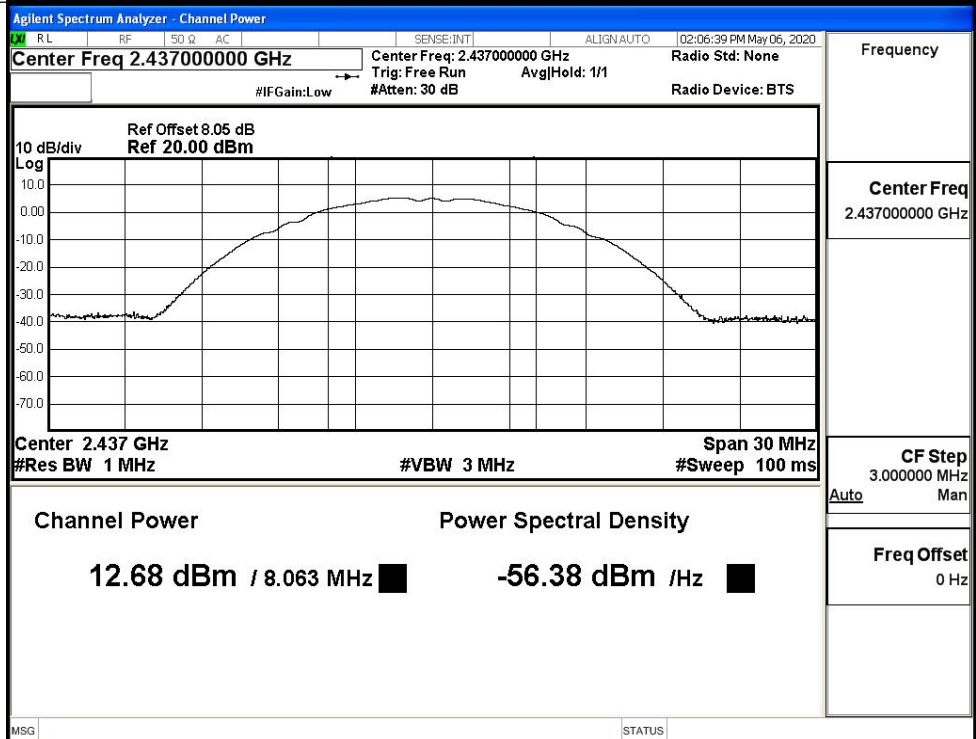
Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	11.9	30	PASS
	MCH	12.68	30	PASS
	HCH	11.56	30	PASS
11G	LCH	12.87	30	PASS
	MCH	11.89	30	PASS
	HCH	11.02	30	PASS
11N20SISO	LCH	11.94	30	PASS
	MCH	10.83	30	PASS
	HCH	13.03	30	PASS
11N40SISO	LCH	12.97	30	PASS
	MCH	12.72	30	PASS
	HCH	<b>13.16</b>	30	PASS

Test Graphs

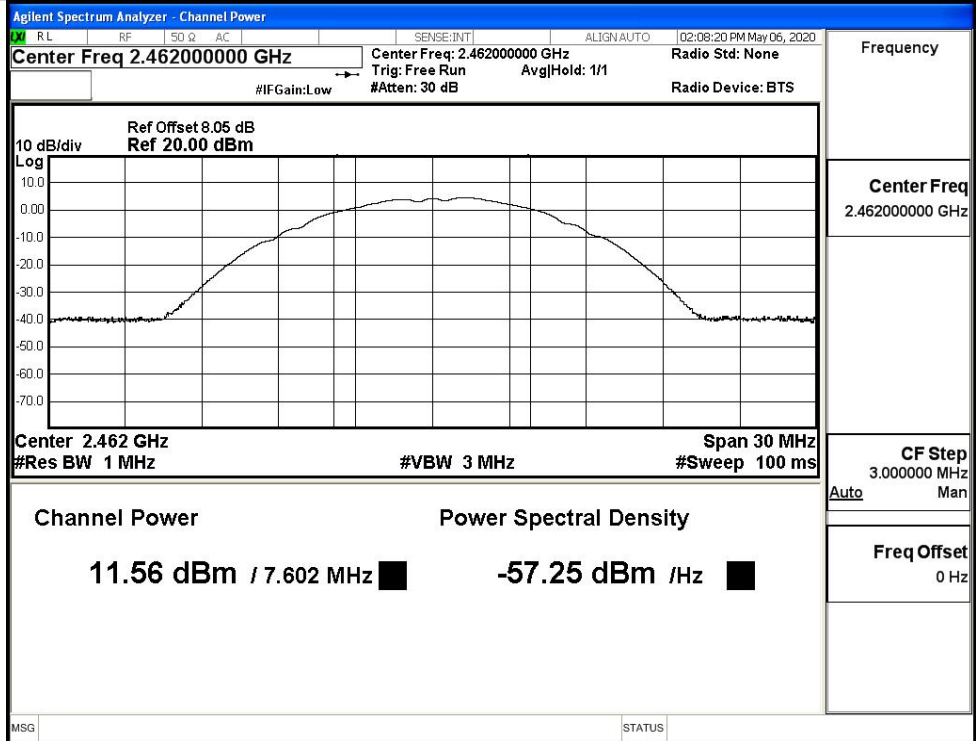
11B/LCH



11B/MCH

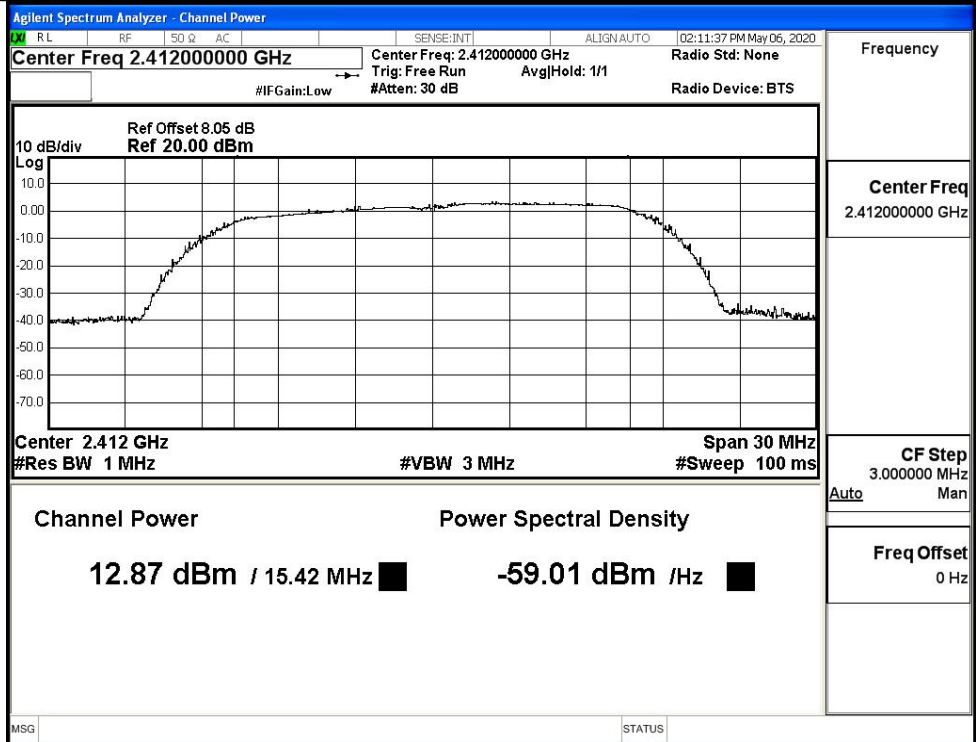


11B/HCH



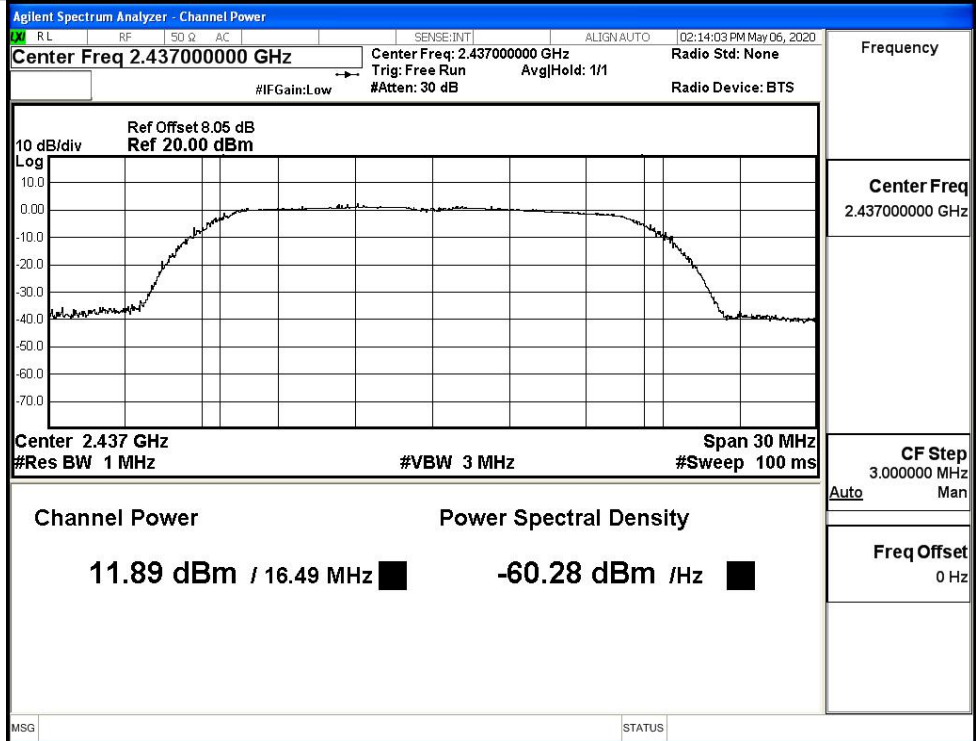
Frequency	2.46200000 GHz
Center Freq	2.46200000 GHz
CF Step	3.000000 MHz Auto Man
Freq Offset	0 Hz

11G/LCH



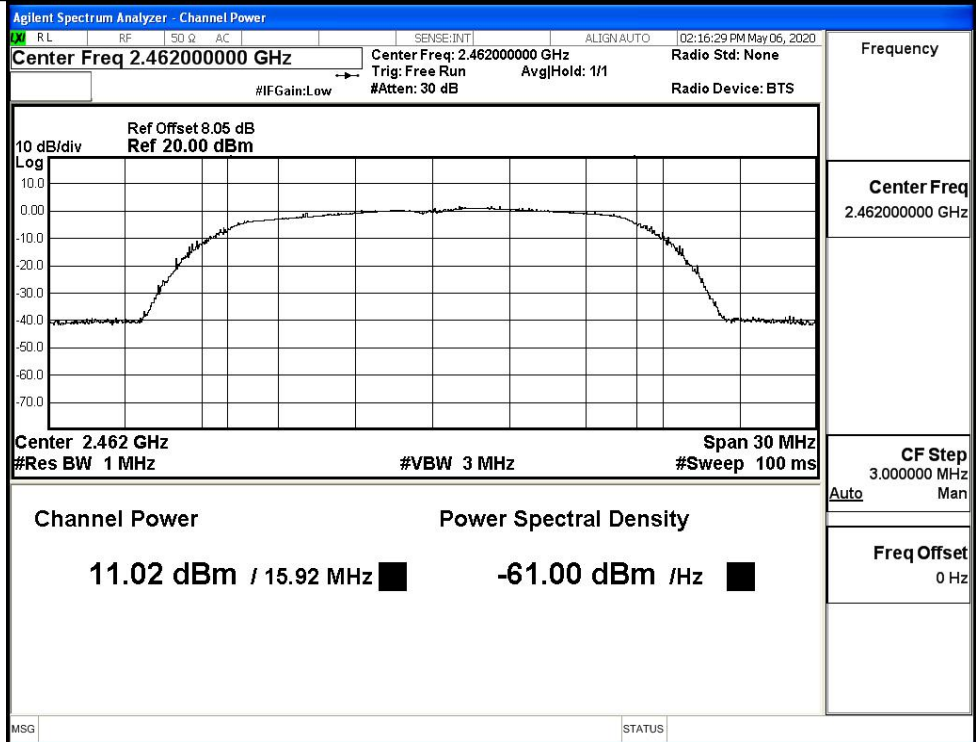
Frequency	2.41200000 GHz
Center Freq	2.41200000 GHz
CF Step	3.000000 MHz Auto Man
Freq Offset	0 Hz

11G/MCH



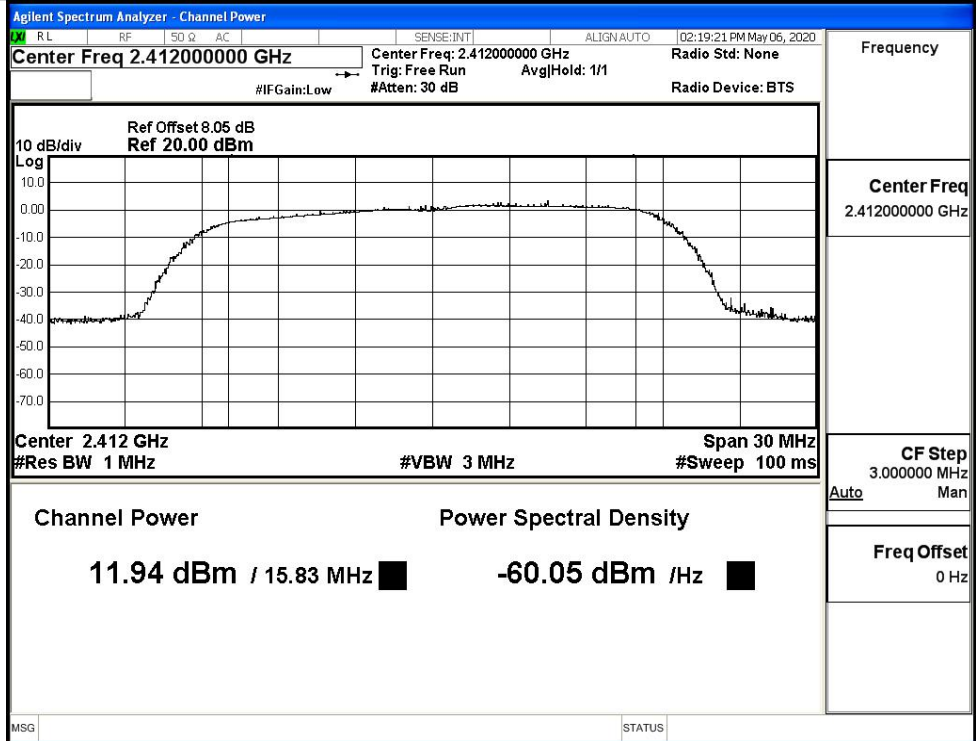
Frequency	2.437000000 GHz
Center Freq	2.437000000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11G/HCH



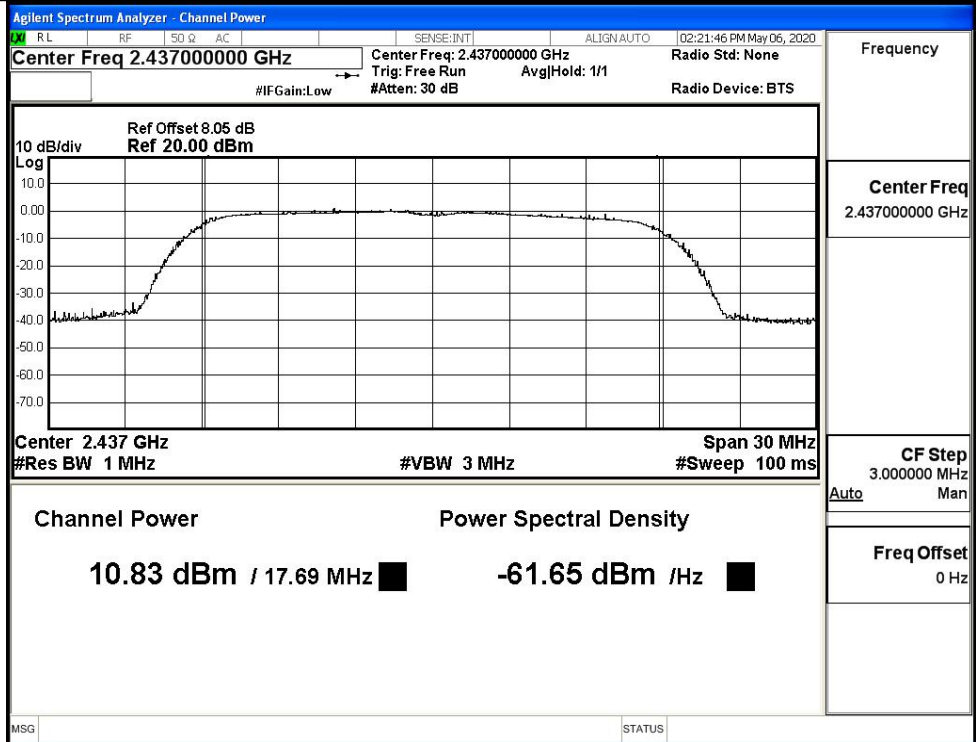
Frequency	2.462000000 GHz
Center Freq	2.462000000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

11N20SISO/LCH



Frequency	2.41200000 GHz
Center Freq	2.41200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

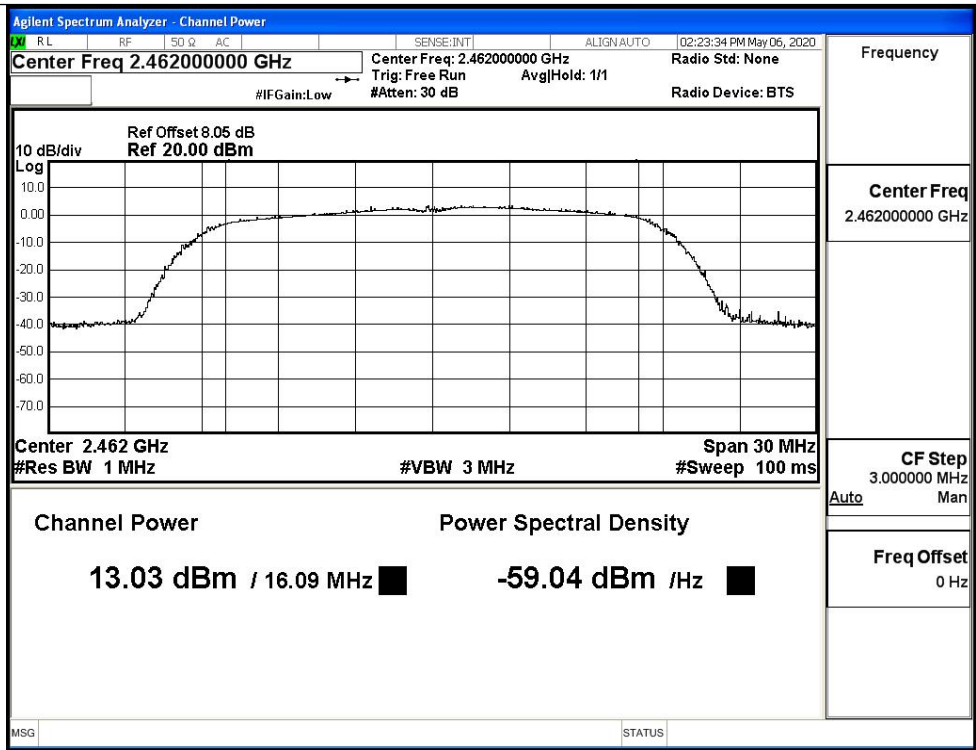
11N20SISO/MCH



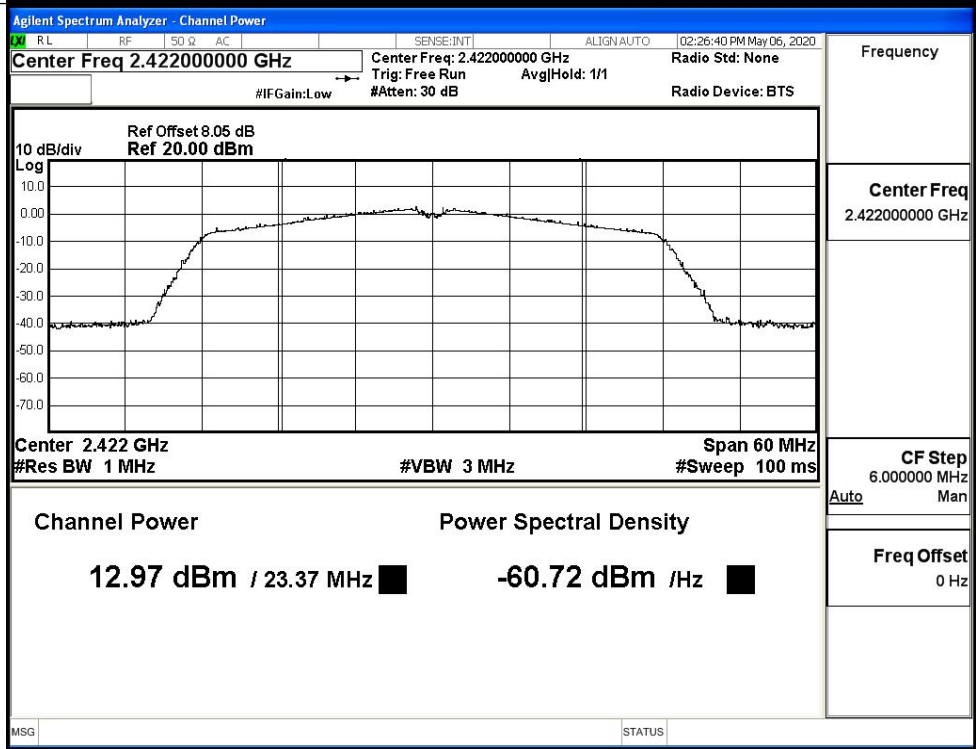
Frequency	2.43700000 GHz
Center Freq	2.43700000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz



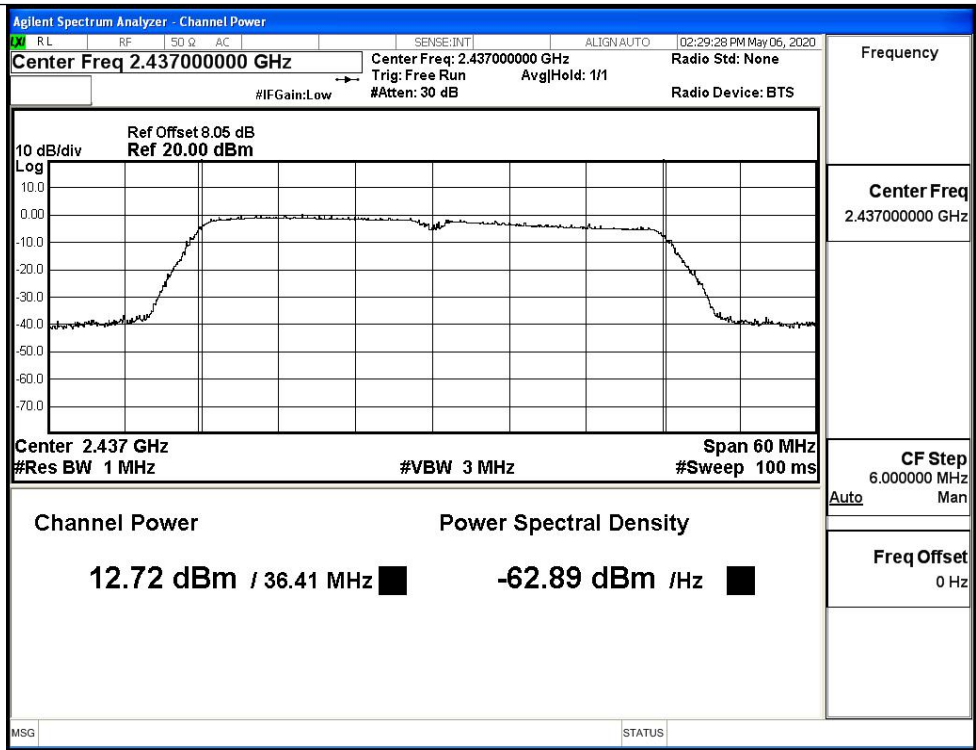
11N20SISO/HCH



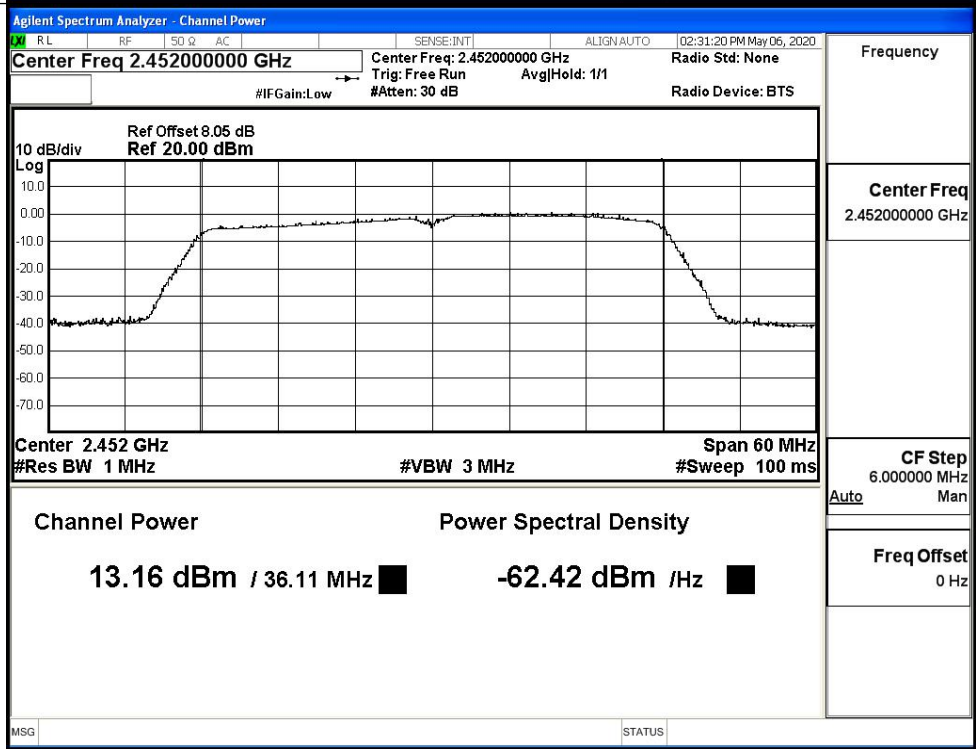
11N40SISO/LCH



11N40SISO/MCH



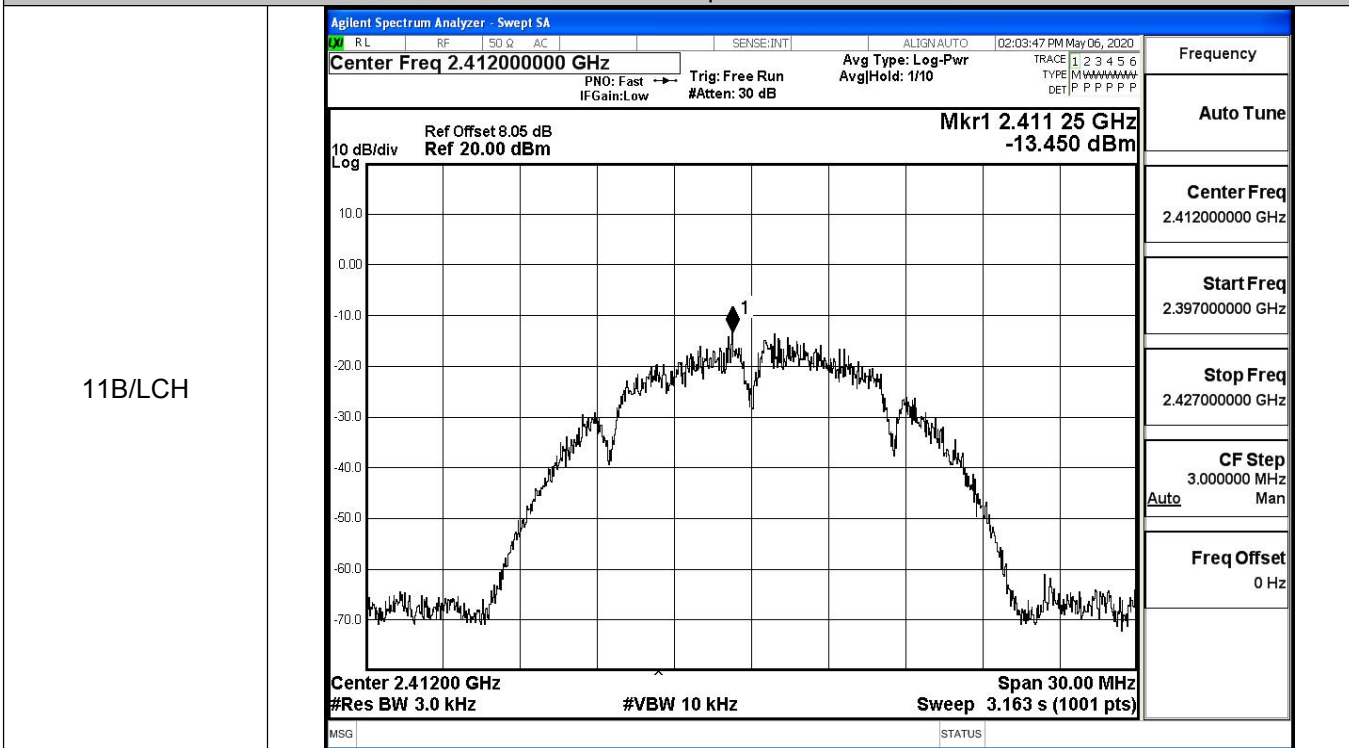
11N40SISO/HCH



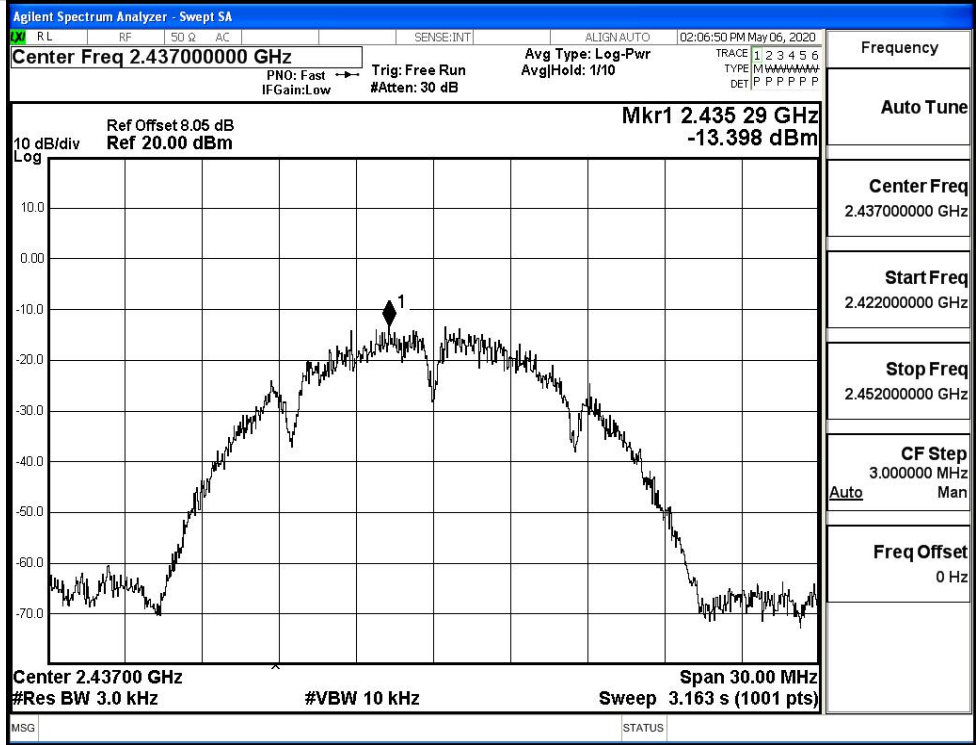
### C.3 Maximum Power Spectral Density

Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-13.450	8	PASS
	MCH	-13.398	8	PASS
	HCH	-11.435	8	PASS
11G	LCH	-19.829	8	PASS
	MCH	-22.063	8	PASS
	HCH	-21.787	8	PASS
11N20SISO	LCH	-21.119	8	PASS
	MCH	-21.838	8	PASS
	HCH	-20.578	8	PASS
11N40SISO	LCH	-18.626	8	PASS
	MCH	-21.342	8	PASS
	HCH	-20.222	8	PASS

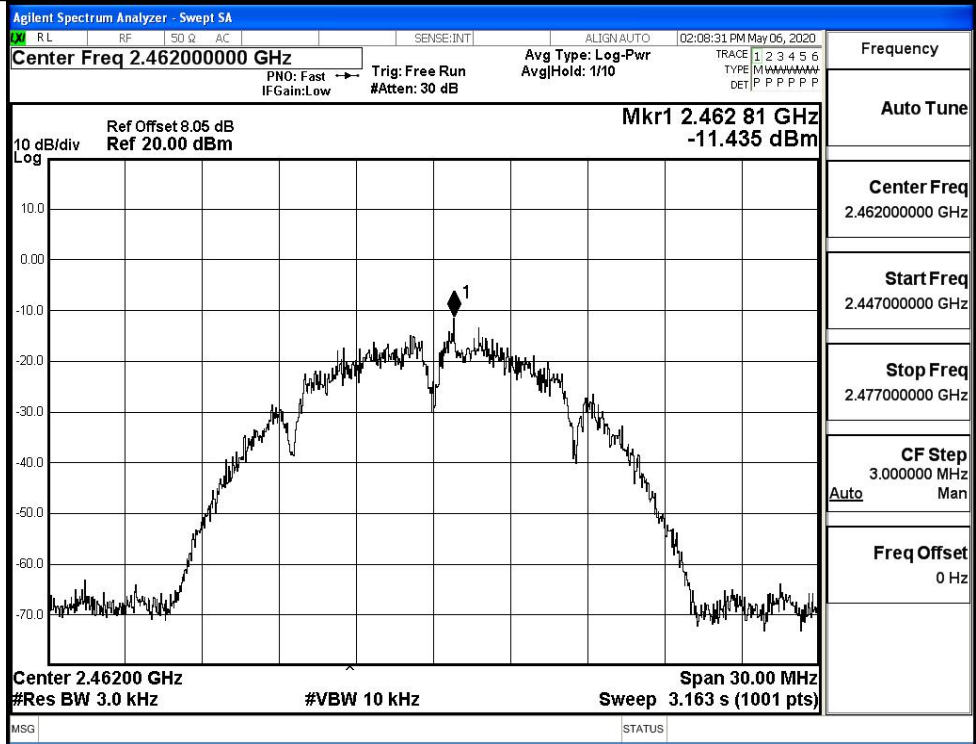
#### Test Graphs



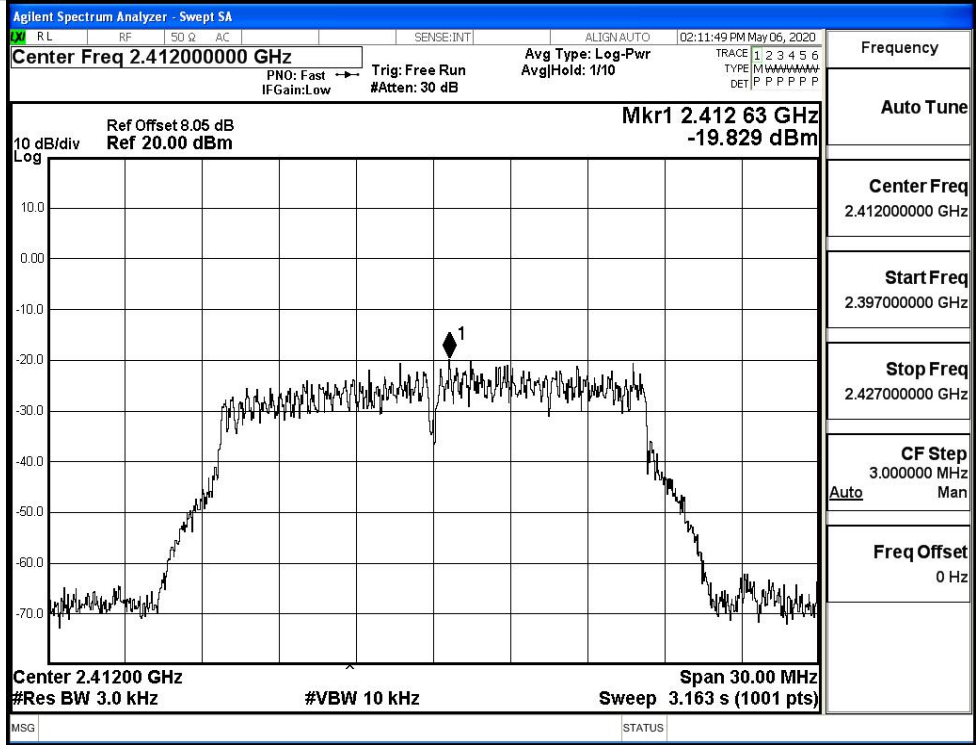
11B/MCH



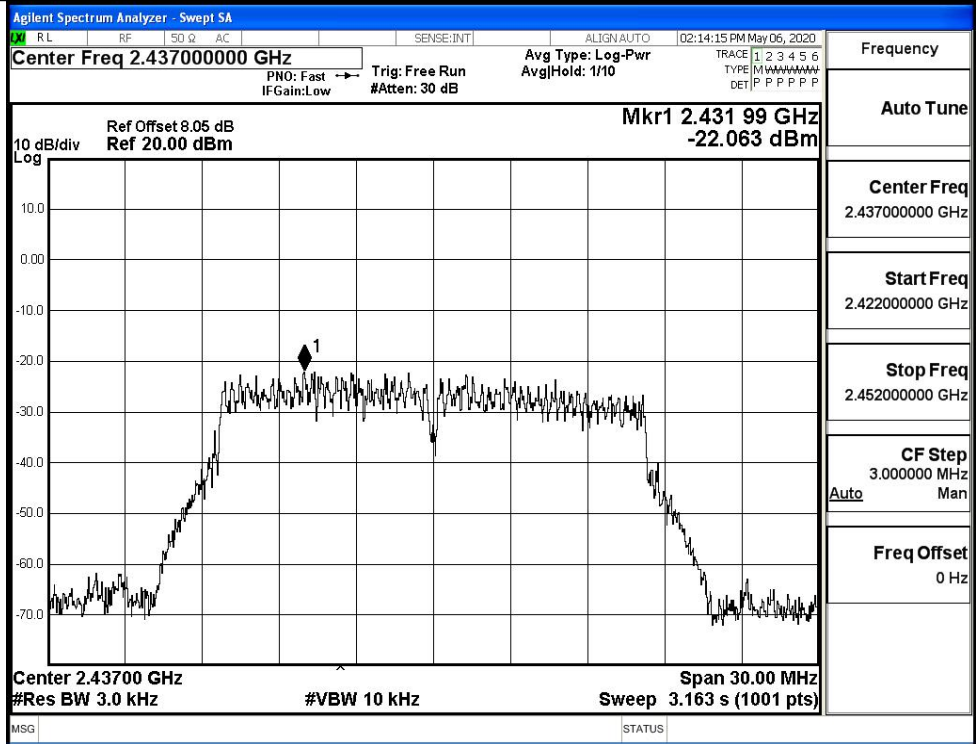
11B/HCH



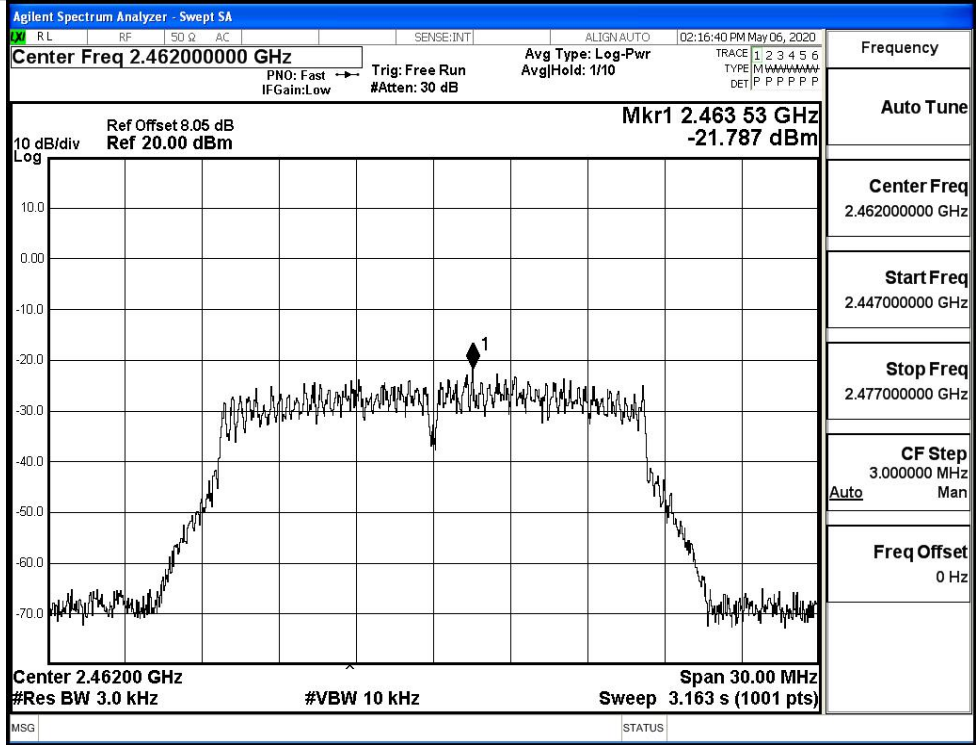
11G/LCH



11G/MCH



11G/HCH



11N20SISO/LCH

