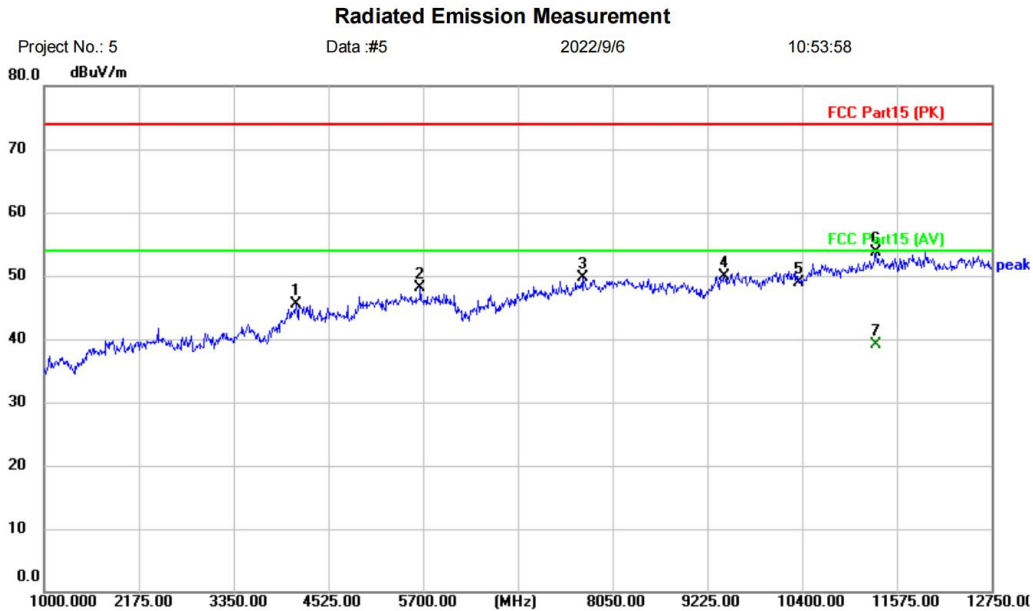


Remark: During the test, pre-scan the 802.11a/n(HT20)/ac(HT20)/n(HT40)/ac(HT40)/ ac(HT80) mode, and found the 802.11 n(HT20) mode which it is worse case.

[TestMode: TX low channel]; [Polarity: Horizontal]



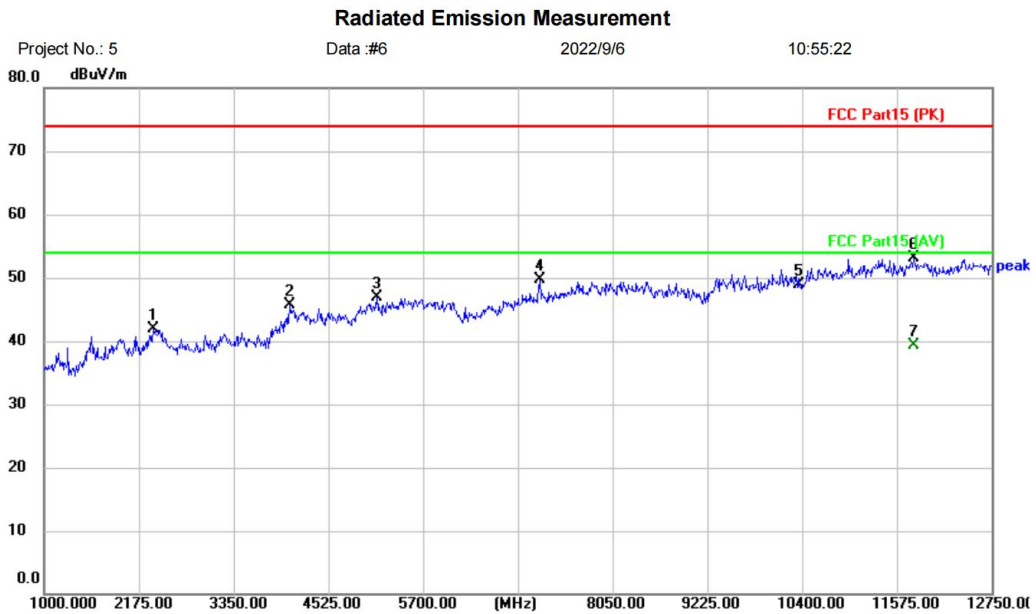
Site: Polarization: **Horizontal** Temperature: (C)  
 Limit: FCC Part15 (PK) Power: Humidity: %RH  
 EUT: AIR Mini  
 M/N: AIR Mini  
 Mode: 5GBand1 N20 TX-L  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4125.500	42.16	3.34	45.50	74.00	-28.50	peak	
2		5664.750	41.27	6.77	48.04	74.00	-25.96	peak	
3		7685.750	40.92	8.73	49.65	74.00	-24.35	peak	
4		9436.500	39.51	10.46	49.97	74.00	-24.03	peak	
5		10360.000	36.45	12.46	48.91	74.00	-25.09	peak	
6		11316.500	40.13	13.59	53.72	74.00	-20.28	peak	
7	*	11316.500	25.47	13.59	39.06	54.00	-14.94	AVG	

\*:Maximum data x:Over limit !:over margin <Reference Only

**Test Result: Pass**

[TestMode: TX low channel]; [Polarity: Vertical]



Site:      Polarization: **Vertical**      Temperature: (C)  
 Limit: FCC Part15 (PK)      Power:      Humidity: %RH  
 EUT: AIR Mini  
 M/N: AIR Mini  
 Mode: 5GBand1 N20 TX-L  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2351.250	43.51	-1.52	41.99	74.00	-32.01	peak	
2		4043.250	43.34	2.33	45.67	74.00	-28.33	peak	
3		5124.250	41.07	5.82	46.89	74.00	-27.11	peak	
4		7145.250	41.89	7.79	49.68	74.00	-24.32	peak	
5		10360.000	36.53	12.46	48.99	74.00	-25.01	peak	
6		11786.500	39.37	13.81	53.18	74.00	-20.82	peak	
7	*	11786.500	25.40	13.81	39.21	54.00	-14.79	AVG	

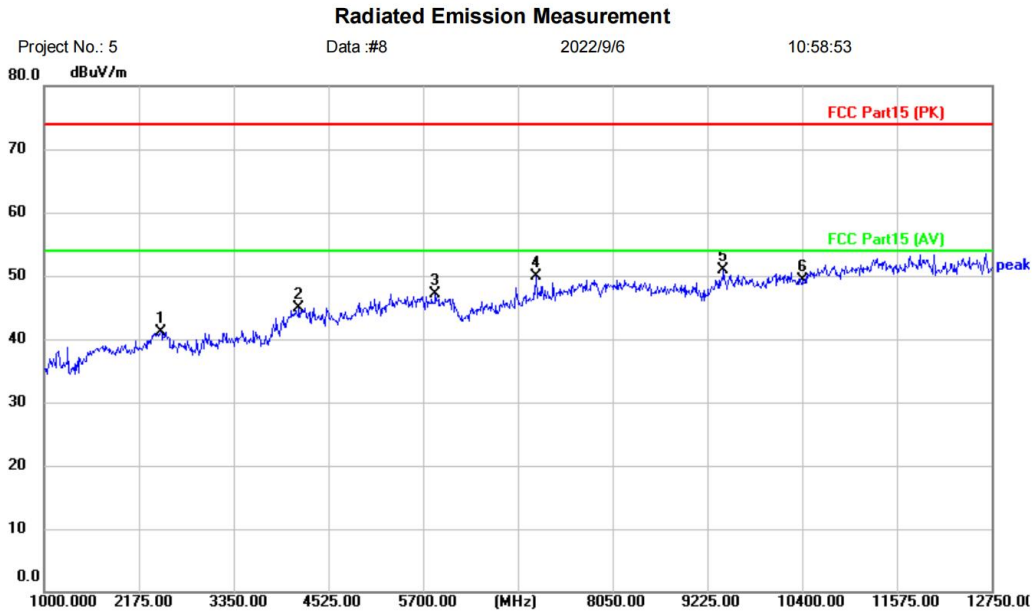
\*:Maximum data    x:Over limit    !:over margin

<Reference Only

**Test Result: Pass**



[TestMode: TX mid channel]; [Polarity: Vertical]



Site:      Polarization: **Vertical**      Temperature: (C)  
 Limit: FCC Part15 (PK)      Power:      Humidity: %RH  
 EUT: AIR Mini  
 M/N: AIR Mini  
 Mode: 5GBand1 N20 TX-M  
 Note:

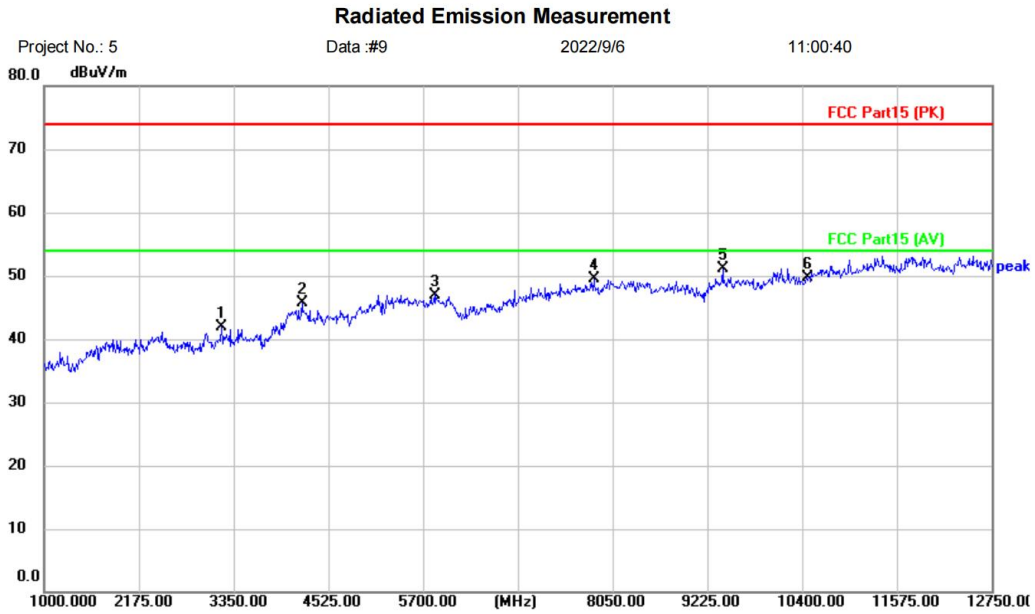
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2445.250	42.69	-1.65	41.04	74.00	-32.96	peak	
2		4160.750	40.73	4.25	44.98	74.00	-29.02	peak	
3		5852.750	40.22	6.80	47.02	74.00	-26.98	peak	
4		7098.250	42.13	7.68	49.81	74.00	-24.19	peak	
5	*	9424.750	40.38	10.43	50.81	74.00	-23.19	peak	
6		10400.000	36.71	12.52	49.23	74.00	-24.77	peak	

\*:Maximum data    x:Over limit    !:over margin

<Reference Only

**Test Result: Pass**

[TestMode: TX high channel]; [Polarity: Horizontal]



Site	Polarization: <b>Horizontal</b>	Temperature: (C)
Limit: FCC Part15 (PK)	Power:	Humidity: %RH
EUT: AIR Mini		
M/N: AIR Mini		
Mode: 5GBand1 N20 TX-H		
Note:		

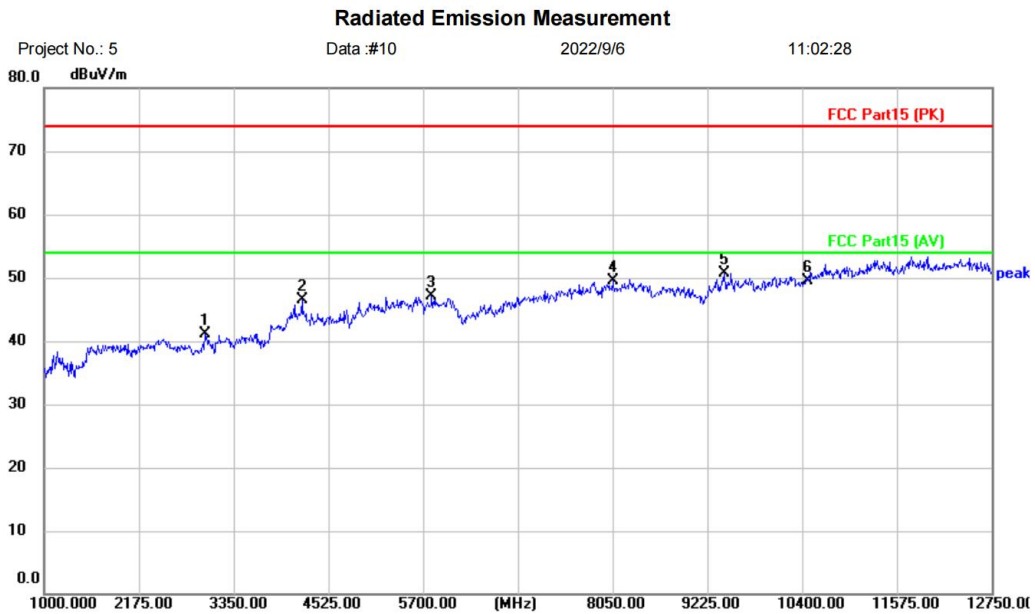
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	3197.250	44.33	-2.47	41.86	74.00	-32.14	peak	
2	4196.000	40.55	5.15	45.70	74.00	-28.30	peak	
3	5841.000	40.22	6.78	47.00	74.00	-27.00	peak	
4	7815.000	40.61	8.80	49.41	74.00	-24.59	peak	
5 *	9413.000	40.64	10.40	51.04	74.00	-22.96	peak	
6	10480.000	37.07	12.65	49.72	74.00	-24.28	peak	

\*:Maximum data    x:Over limit    !:over margin

<Reference Only

**Test Result: Pass**

[TestMode: TX high channel]; [Polarity: Vertical]



Site:      Polarization: **Vertical**      Temperature: (C)  
 Limit: FCC Part15 (PK)      Power:      Humidity: %RH  
 EUT: AIR Mini  
 M/N: AIR Mini  
 Mode: 5GBand1 N20 TX-H  
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2997.500	43.56	-2.52	41.04	74.00	-32.96	peak	
2		4196.000	41.30	5.15	46.45	74.00	-27.55	peak	
3		5805.750	40.25	6.76	47.01	74.00	-26.99	peak	
4		8050.000	40.63	8.93	49.56	74.00	-24.44	peak	
5	*	9436.500	40.23	10.46	50.69	74.00	-23.31	peak	
6		10480.000	36.86	12.65	49.51	74.00	-24.49	peak	

\*:Maximum data    x:Over limit    !:over margin

<Reference Only

**Test Result: Pass**

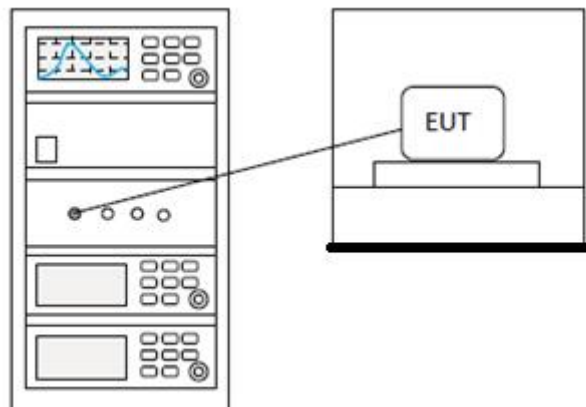
## 15 PEAK POWER SPECTRUM DENSITY

<b>Test Standard</b>	47 CFR Part 15, Subpart E 15.407
<b>Test Method</b>	KDB 789033 D02 II F
<b>Test Mode (Pre-Scan)</b>	TX
<b>Test Mode (Final Test)</b>	TX
<b>Tester</b>	Jozu
<b>Temperature</b>	25°C
<b>Humidity</b>	60%

### 15.1 LIMITS

<b>Frequency band(MHz)</b>	<b>Limit</b>
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

### 15.2 BLOCK DIAGRAM OF TEST SETUP



### 15.3 TEST DATA

**Pass: Please Refer To Appendix: Appendix1 For Details**

BlueAsia



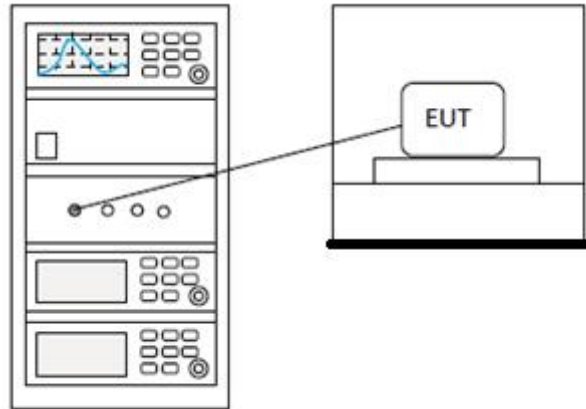
## 16 MAXIMUM CONDUCTED OUTPUT POWER

<b>Test Standard</b>	47 CFR Part 15, Subpart E 15.407
<b>Test Method</b>	KDB 789033 D02 II E
<b>Test Mode (Pre-Scan)</b>	TX
<b>Test Mode (Final Test)</b>	TX
<b>Tester</b>	Jozu
<b>Temperature</b>	25°C
<b>Humidity</b>	60%

### 16.1 LIMITS

<b>Frequency band(MHz)</b>	<b>Limit</b>
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) for client device or 11dBm+10logB*
5470-5725	≤250mW(24dBm) for client device or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	<p>* Where B is the 26dB emission bandwidth in MHz.</p> <p>The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.</p>

### 16.2 BLOCK DIAGRAM OF TEST SETUP



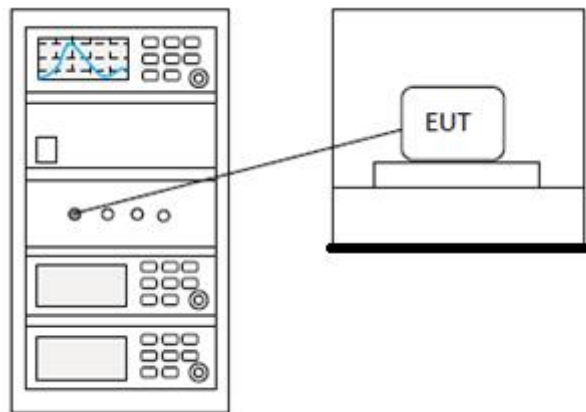
### 16.3 TEST DATA

**Pass: Please Refer To Appendix: Appendix1 For Details**

## 17 26DB EMISSION BANDWIDTH

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 D02 II C 1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

### 17.1 BLOCK DIAGRAM OF TEST SETUP



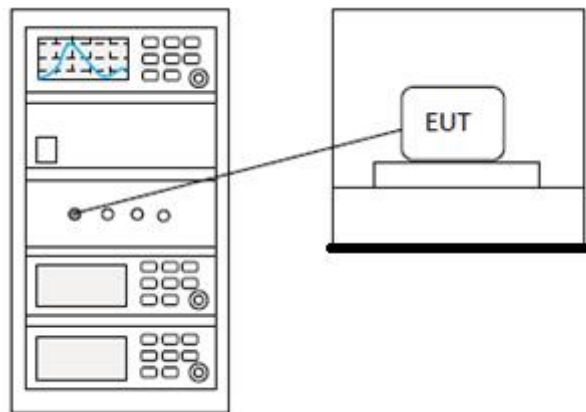
### 17.2 TEST DATA

**Pass: Please Refer To Appendix: Appendix1 For Details**

## 18 99% BANDWIDTH

Test Standard	47 CFR Part 15, Subpart E 15.407
Test Method	KDB 789033 II D
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Jozu
Temperature	25°C
Humidity	60%

### 18.1 BLOCK DIAGRAM OF TEST SETUP



### 18.2 TEST DATA

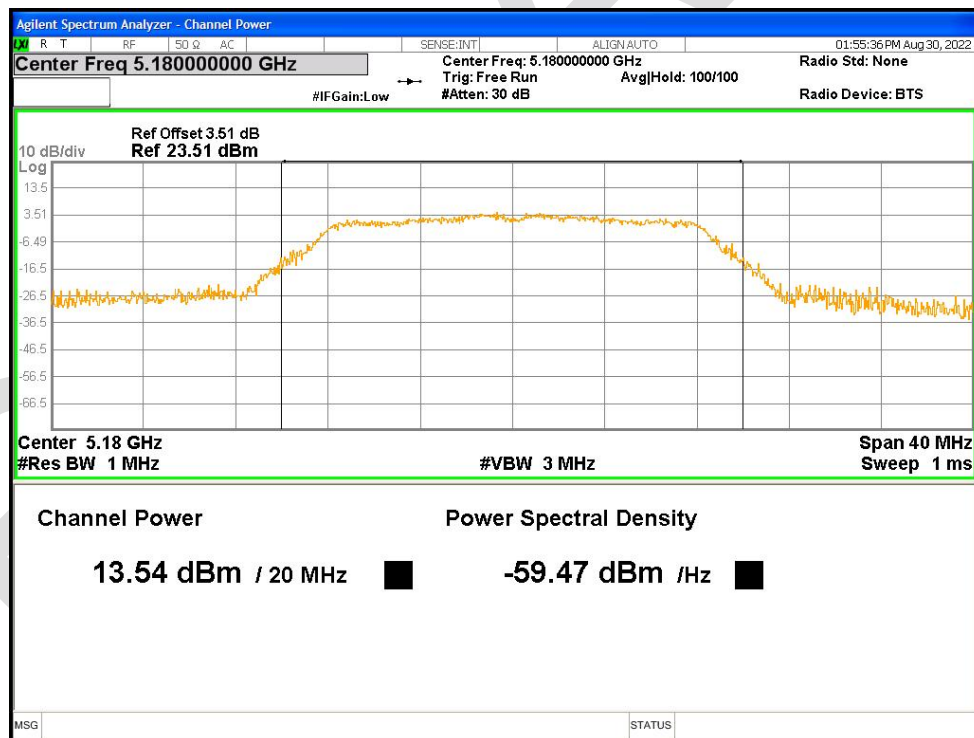
**Pass: Please Refer To Appendix: Appendix1 For Details**

## 19 APPENDIX

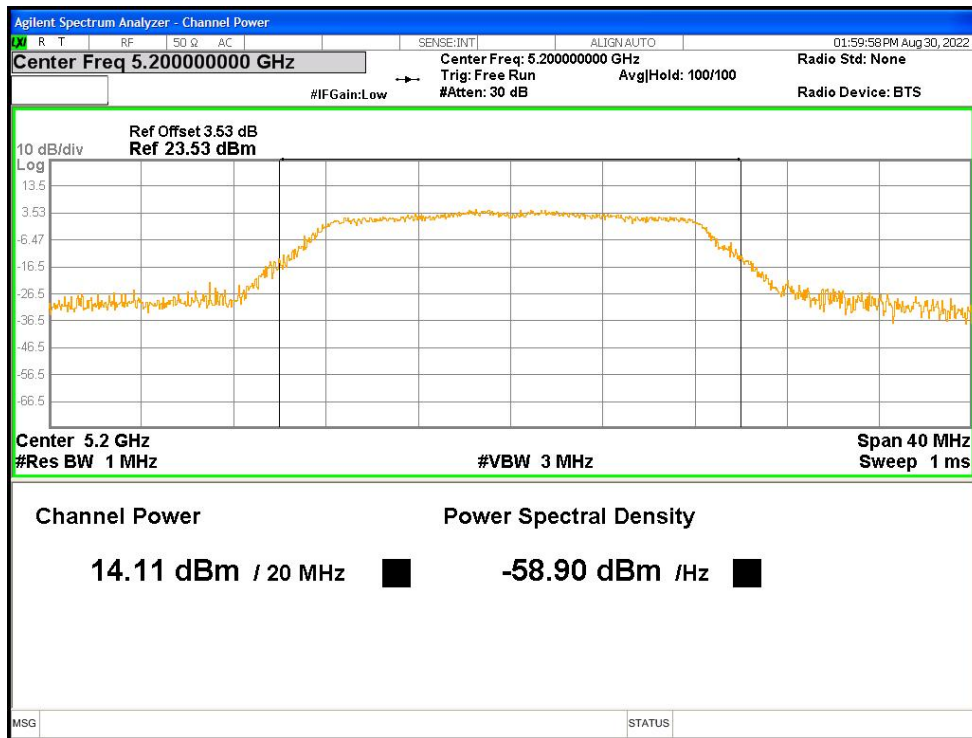
### Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.54	24	Pass
NVNT	a	5200	Ant1	14.11	24	Pass
NVNT	a	5240	Ant1	14.16	24	Pass
NVNT	ac20	5180	Ant1	13.65	24	Pass
NVNT	ac20	5200	Ant1	14.16	24	Pass
NVNT	ac20	5240	Ant1	14.05	24	Pass
NVNT	ac40	5190	Ant1	13.18	24	Pass
NVNT	ac40	5230	Ant1	13.01	24	Pass
NVNT	ac80	5210	Ant1	9.80	24	Pass
NVNT	n20	5180	Ant1	13.60	24	Pass
NVNT	n20	5200	Ant1	13.98	24	Pass
NVNT	n20	5240	Ant1	14.05	24	Pass
NVNT	n40	5190	Ant1	13.51	24	Pass
NVNT	n40	5230	Ant1	13.59	24	Pass

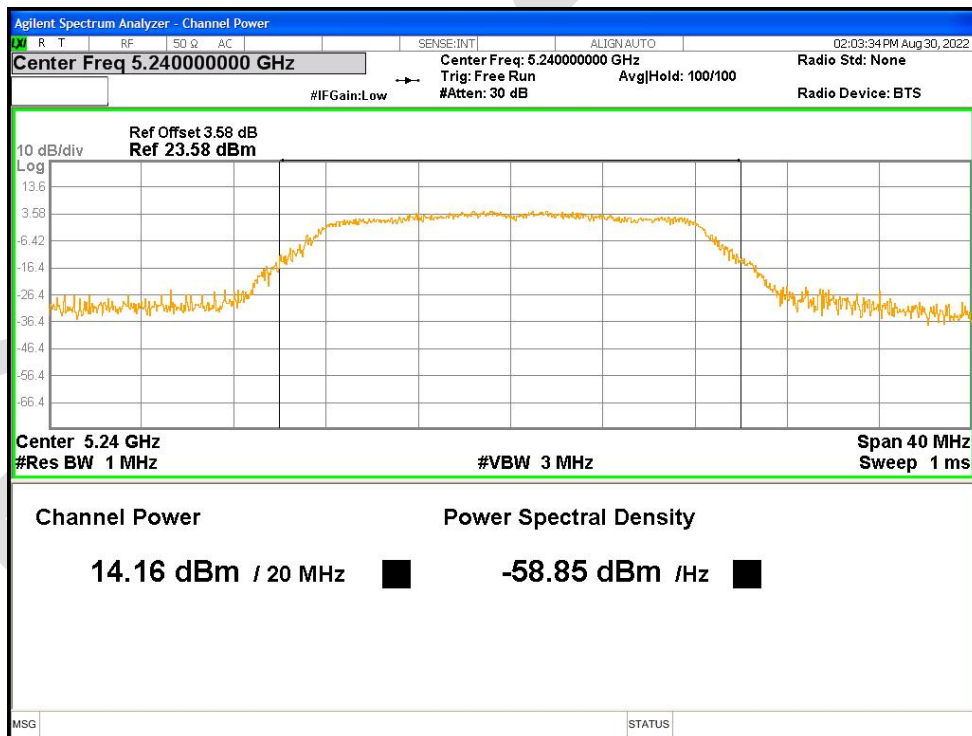
Power NVNT a 5180MHz Ant1



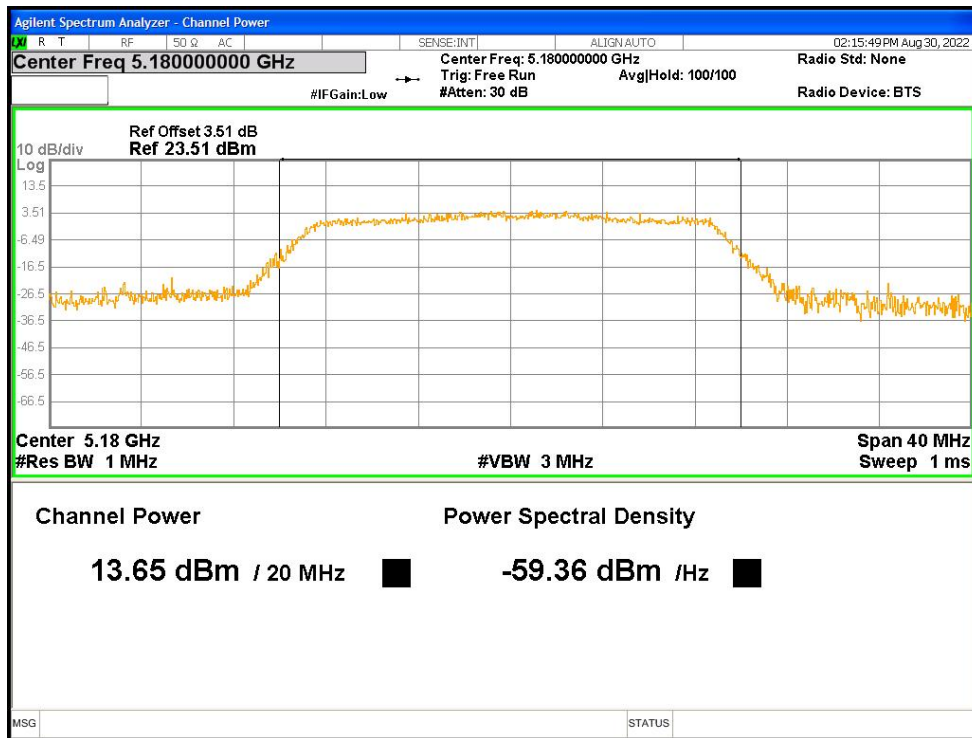
Power NVNT a 5200MHz Ant1



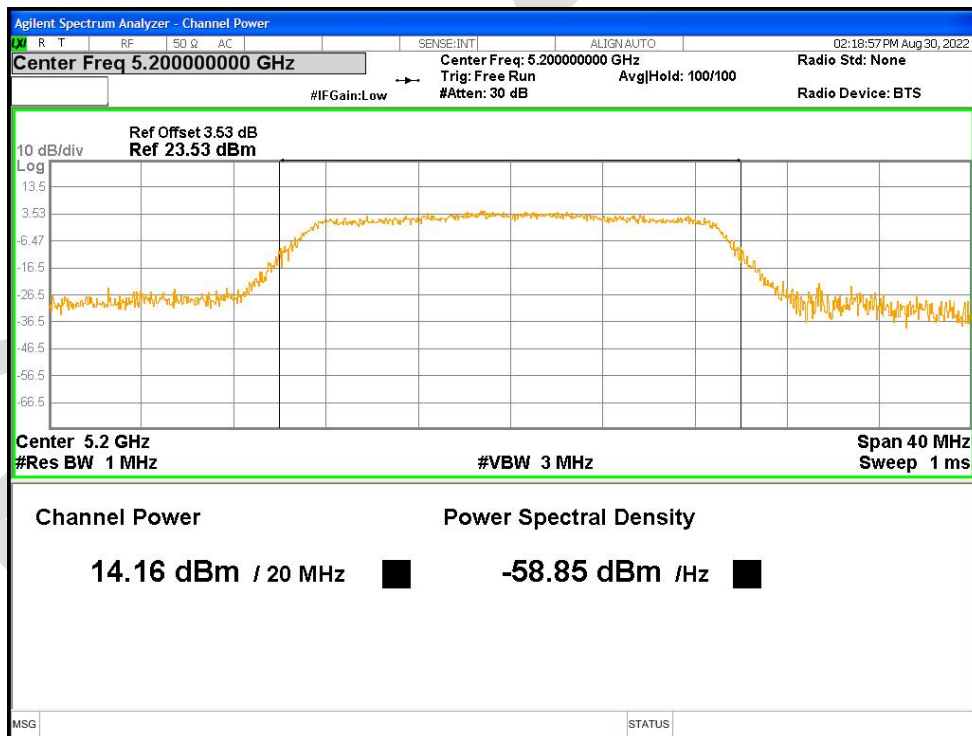
Power NVNT a 5240MHz Ant1



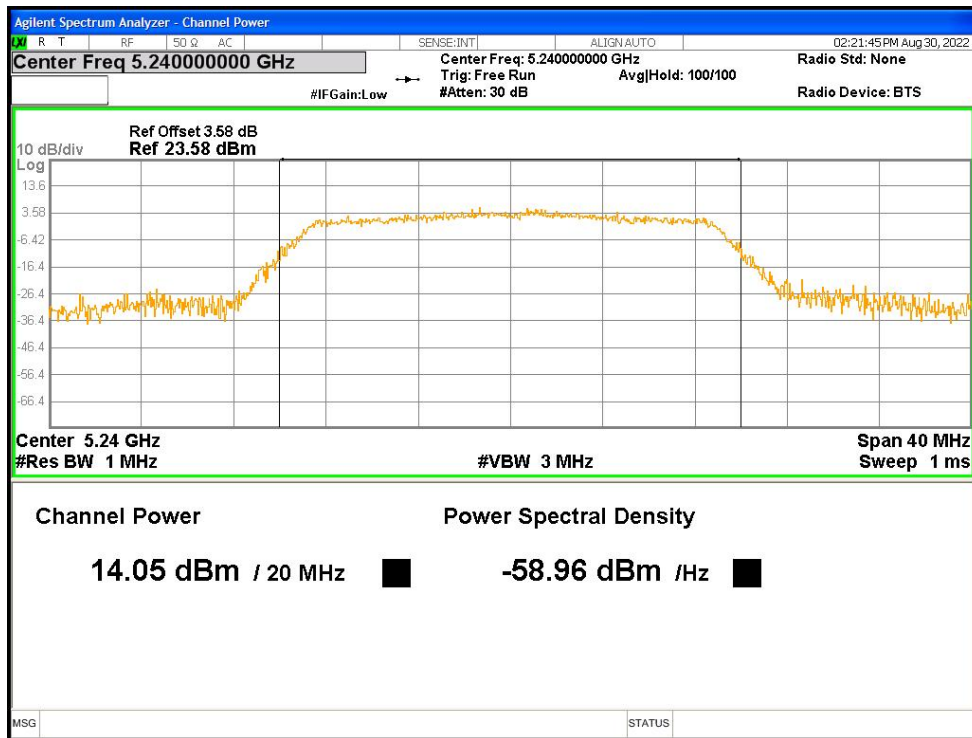
Power NVNT ac20 5180MHz Ant1



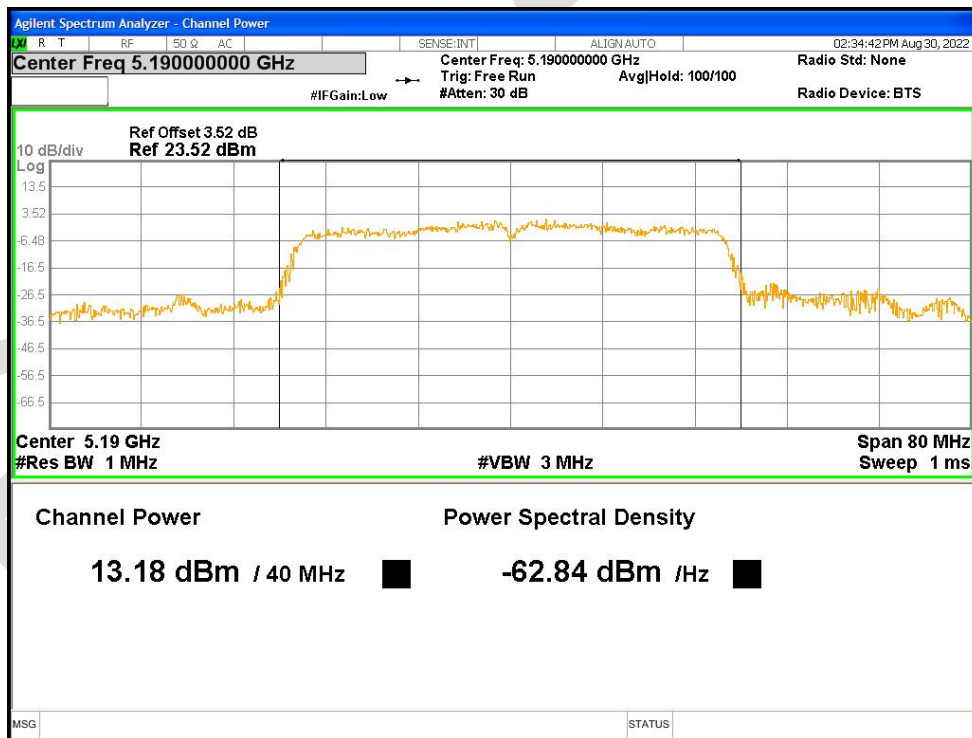
Power NVNT ac20 5200MHz Ant1



Power NVNT ac20 5240MHz Ant1

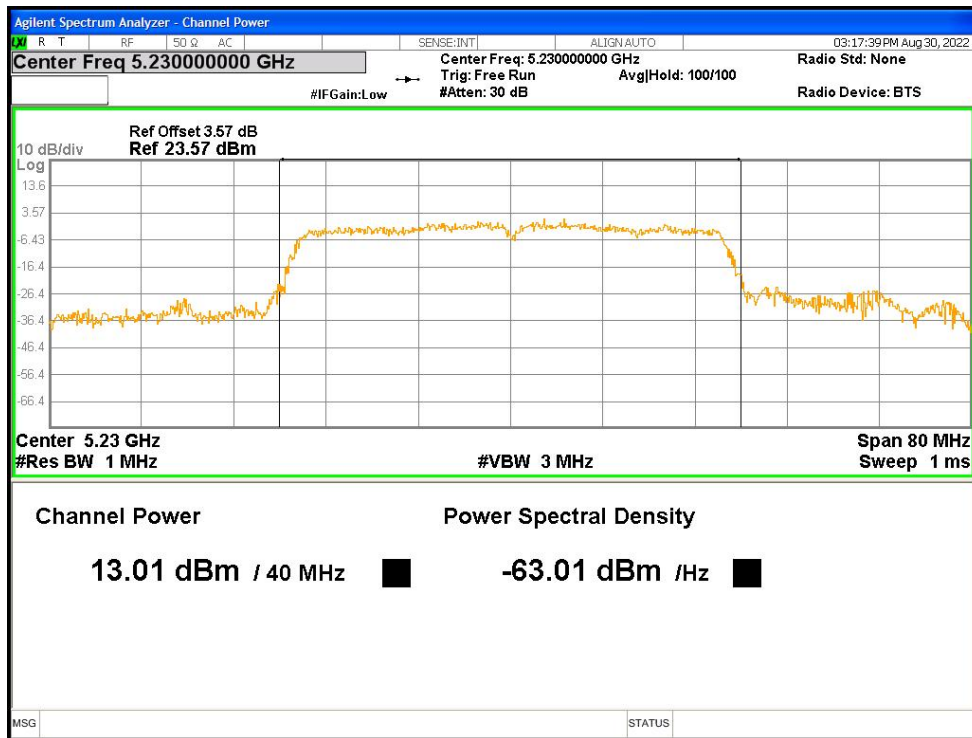


Power NVNT ac40 5190MHz Ant1

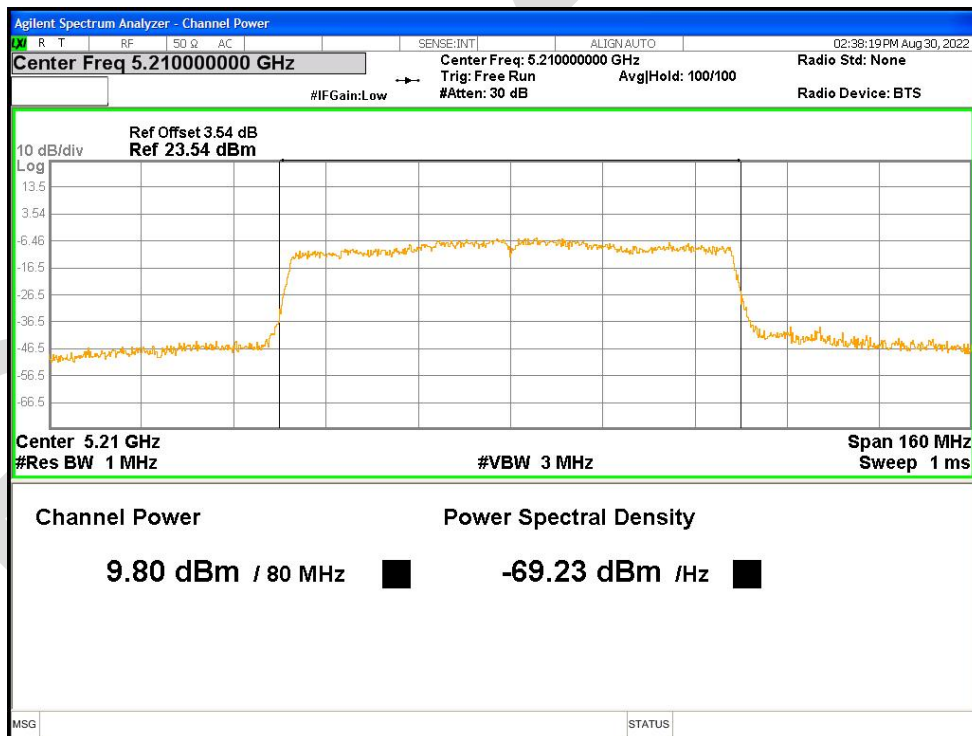


Power NVNT ac40 5230MHz Ant1

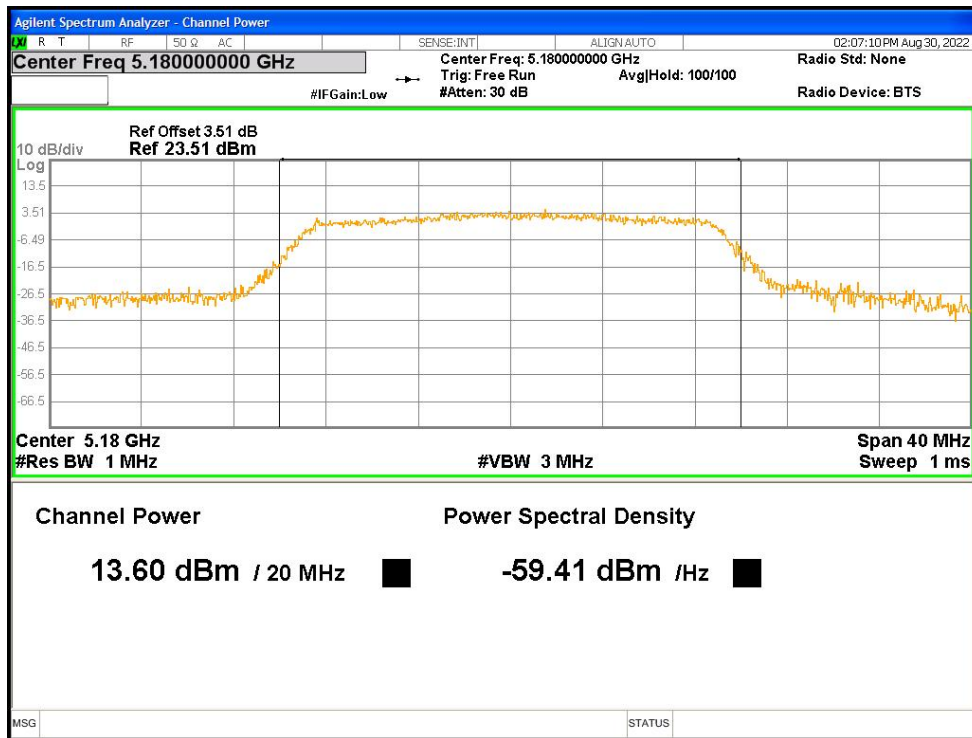




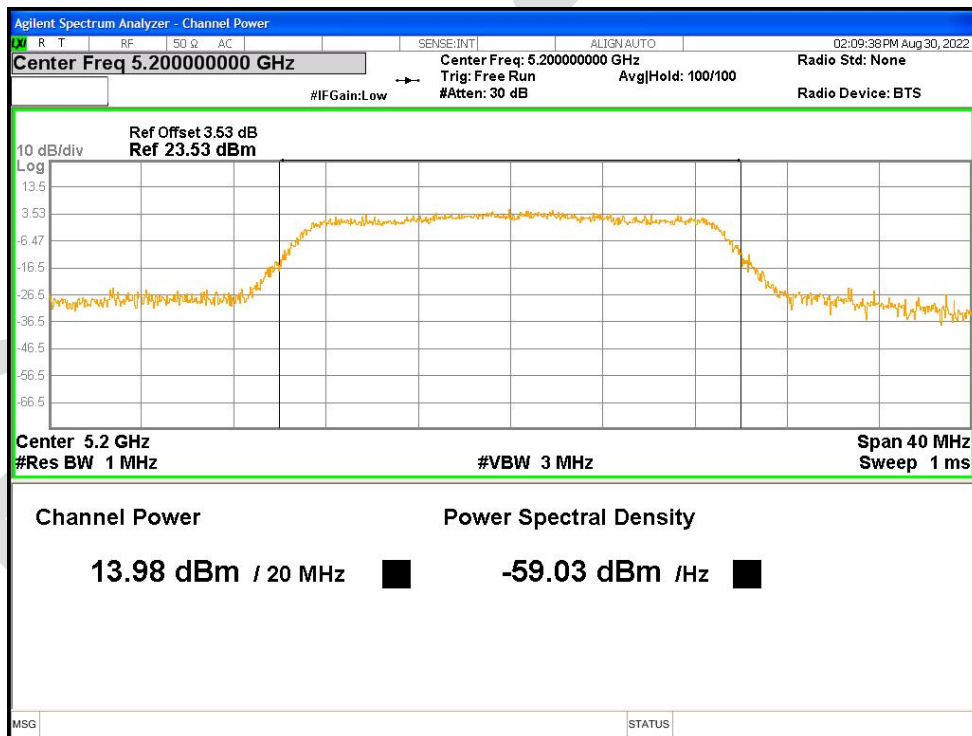
Power NVNT ac80 5210MHz Ant1



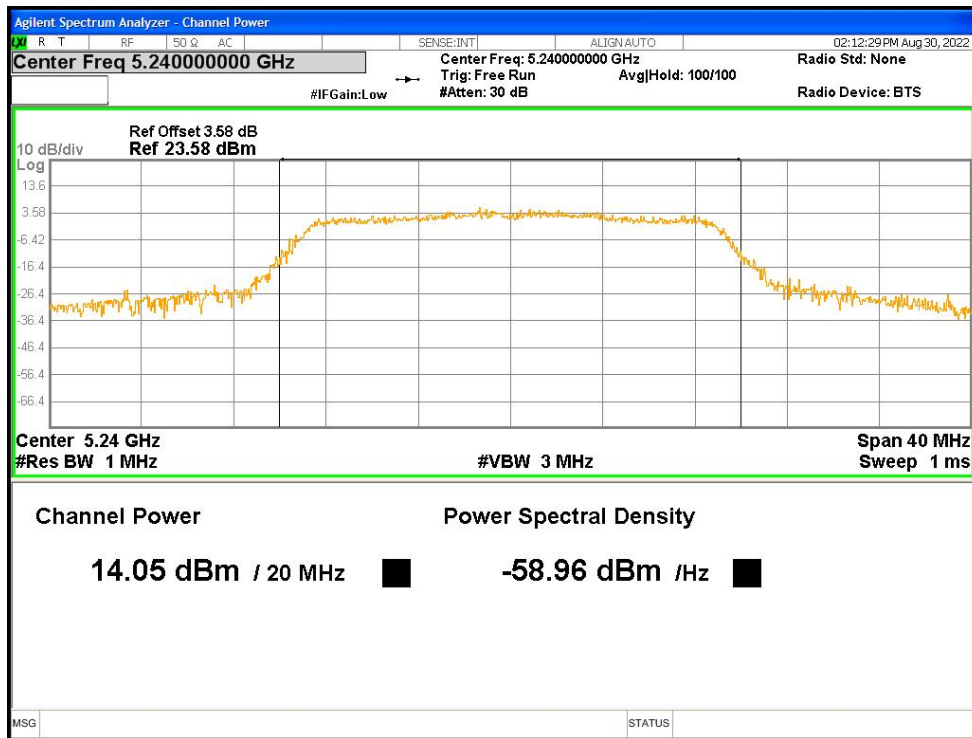
Power NVNT n20 5180MHz Ant1



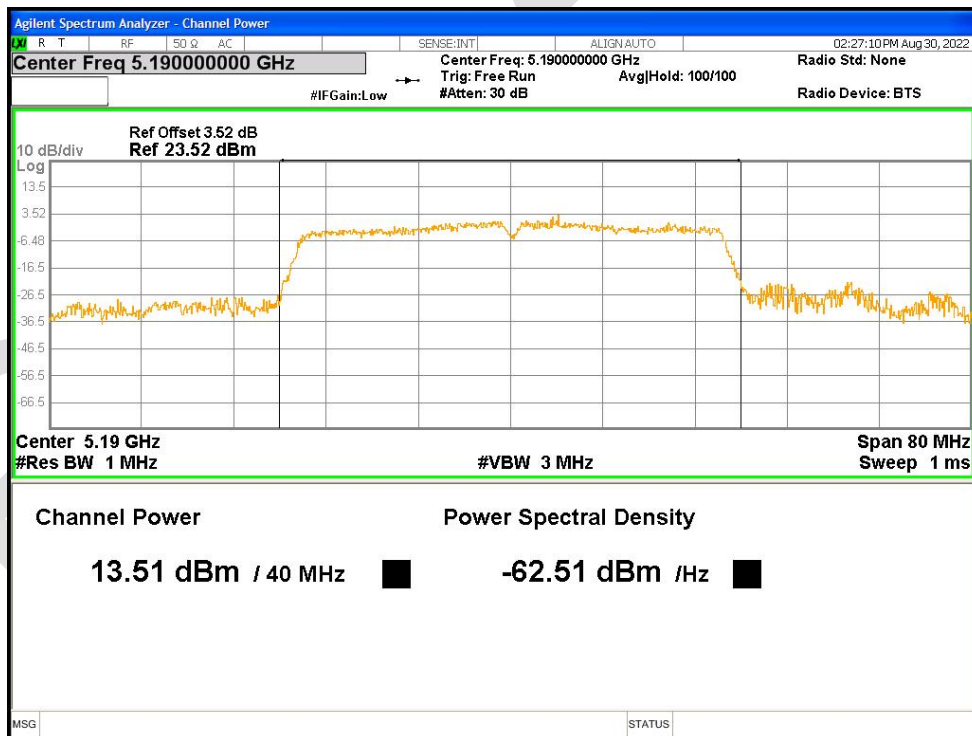
Power NVNT n20 5200MHz Ant1



Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



Power NVNT n40 5230MHz Ant1

