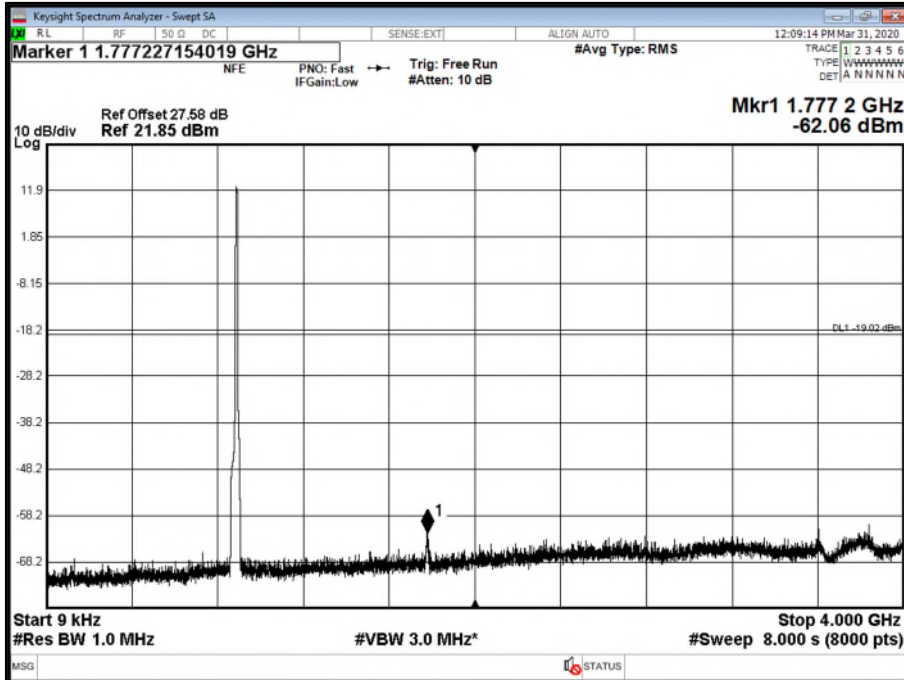


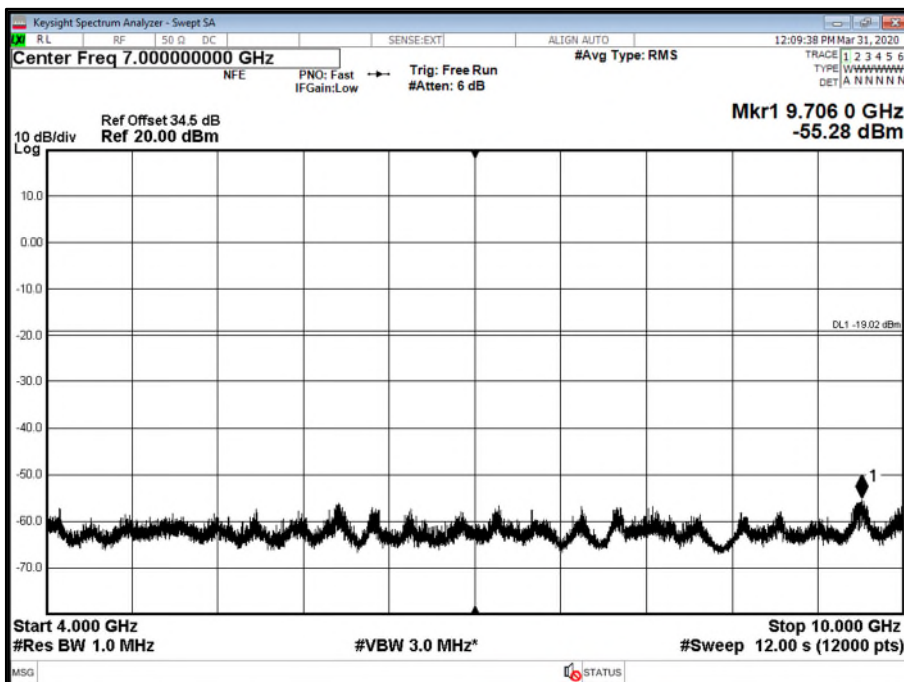


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



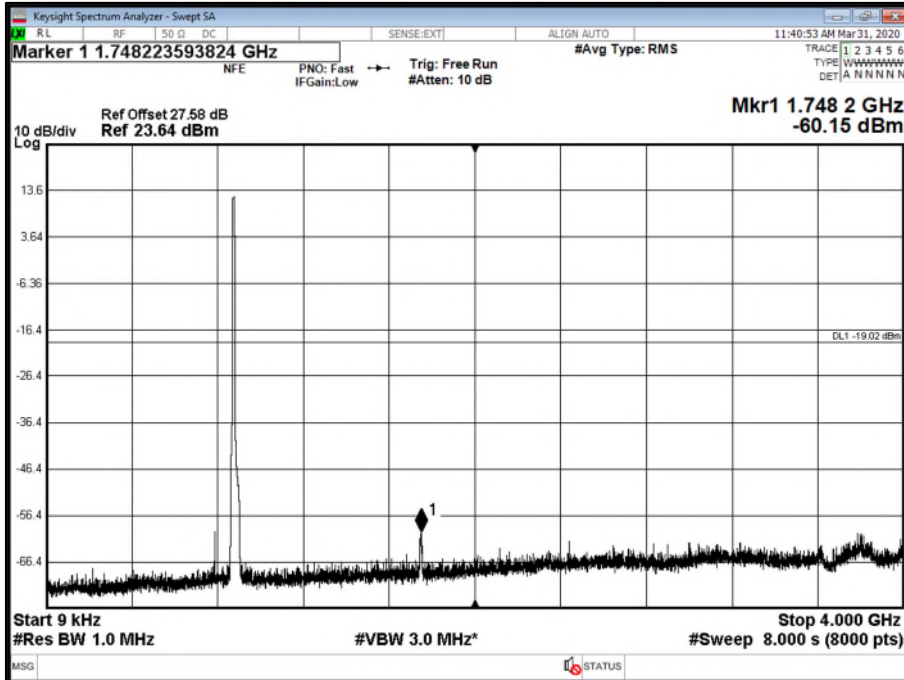
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



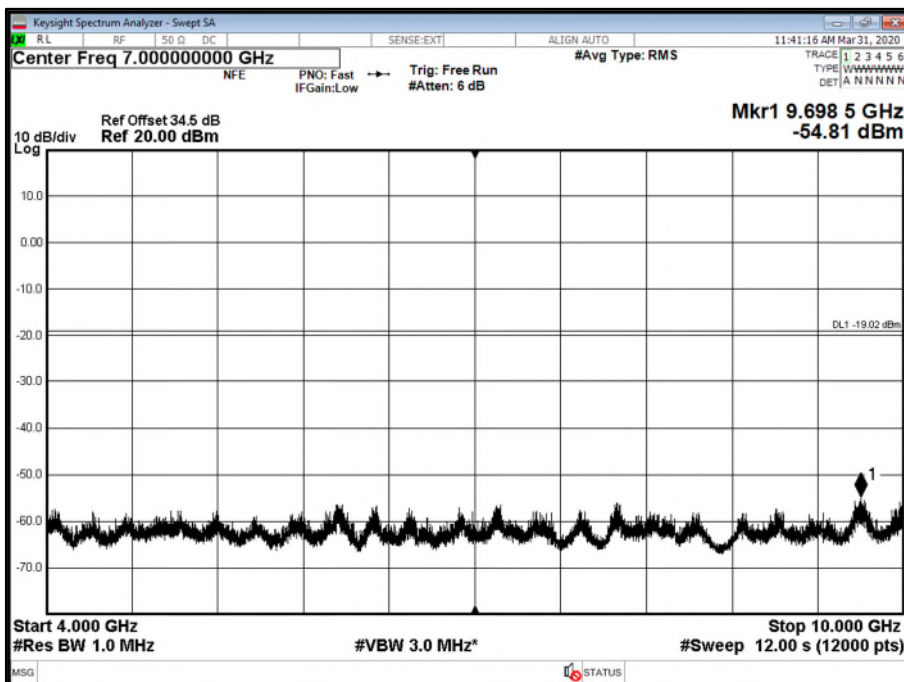


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



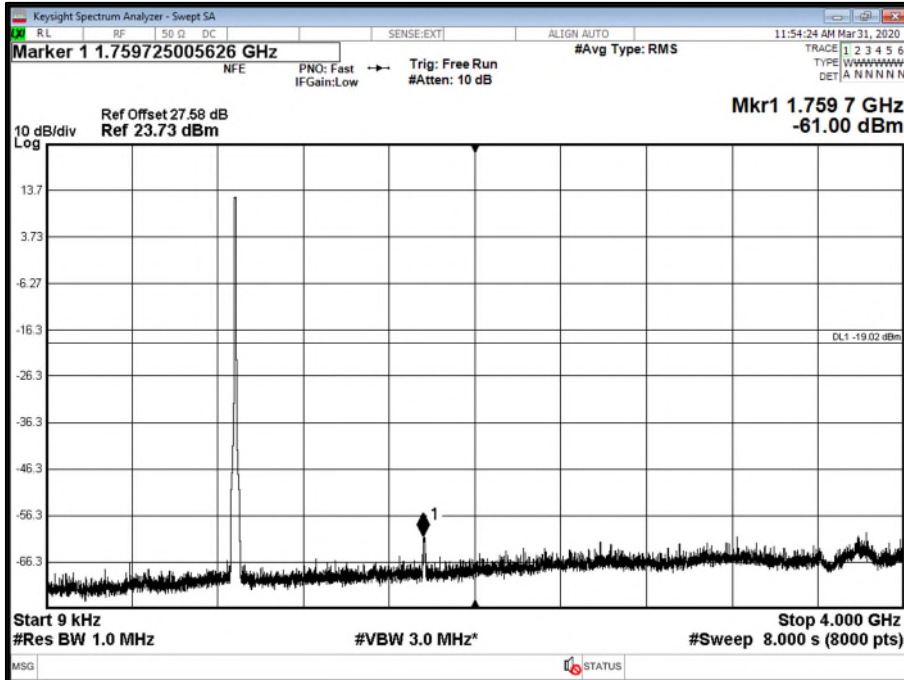
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



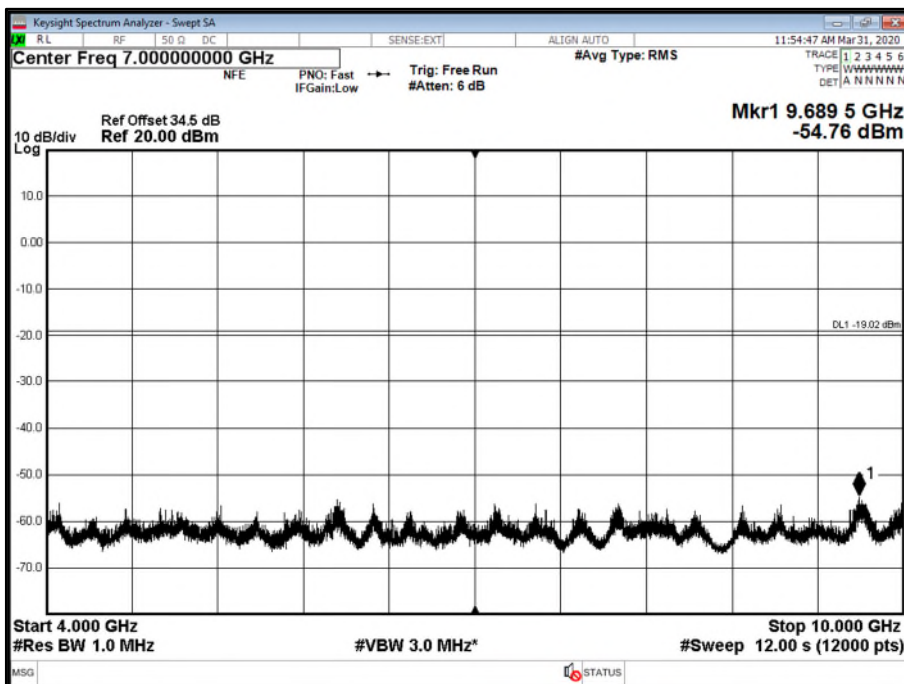


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



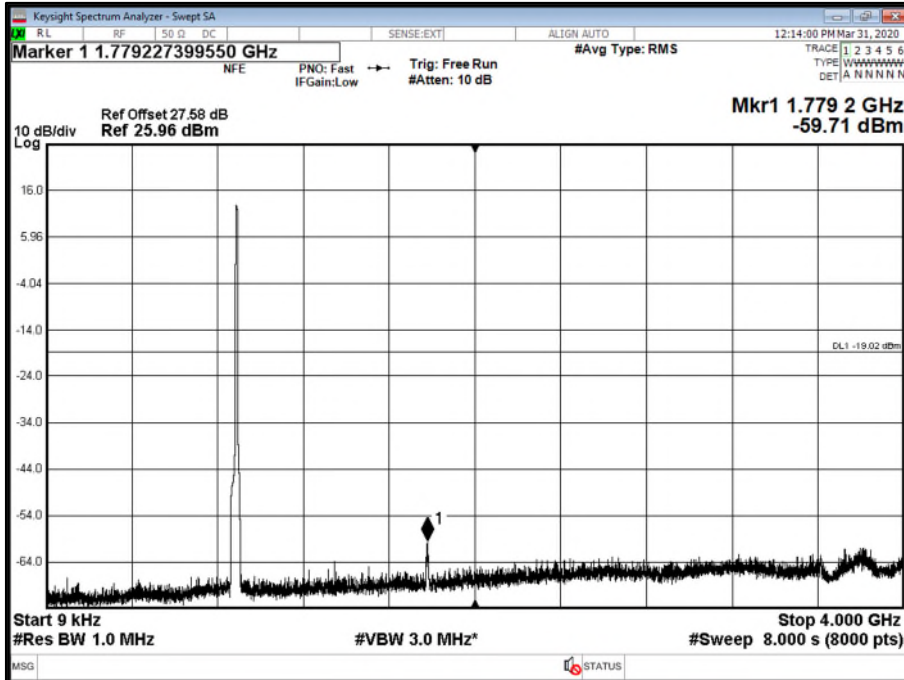
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



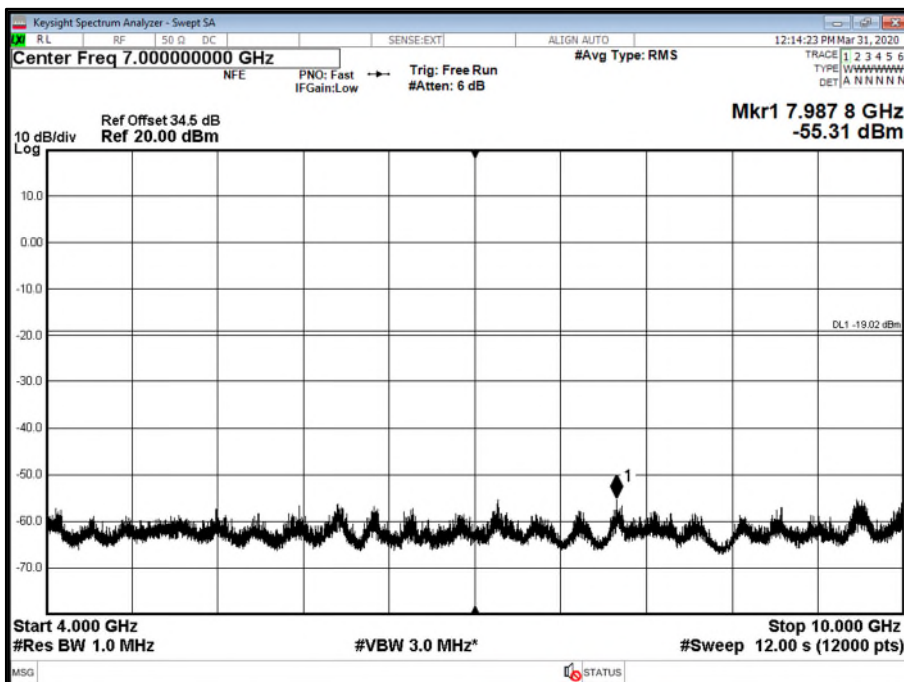


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



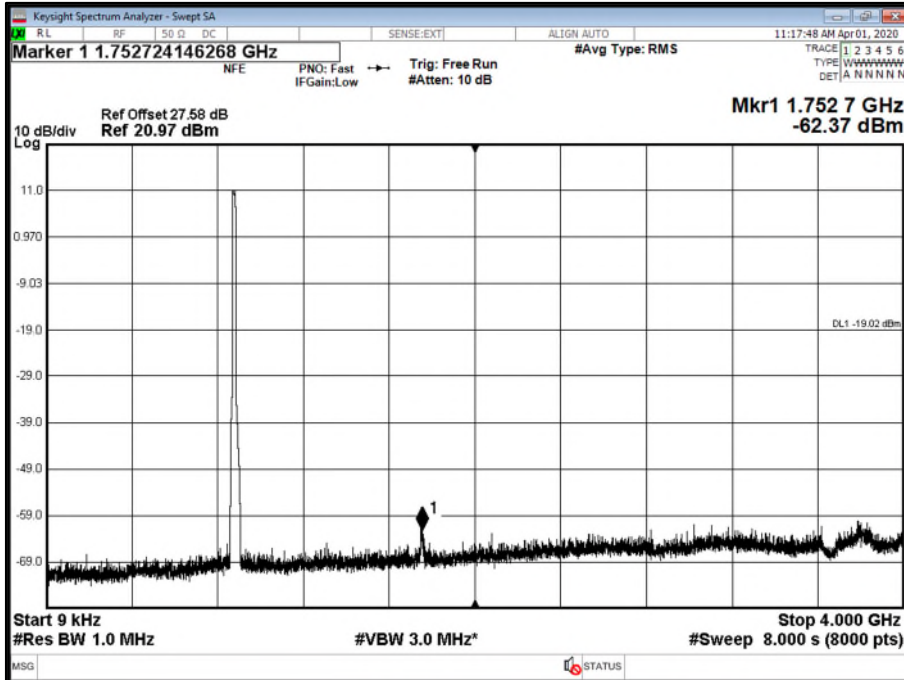
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 10.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



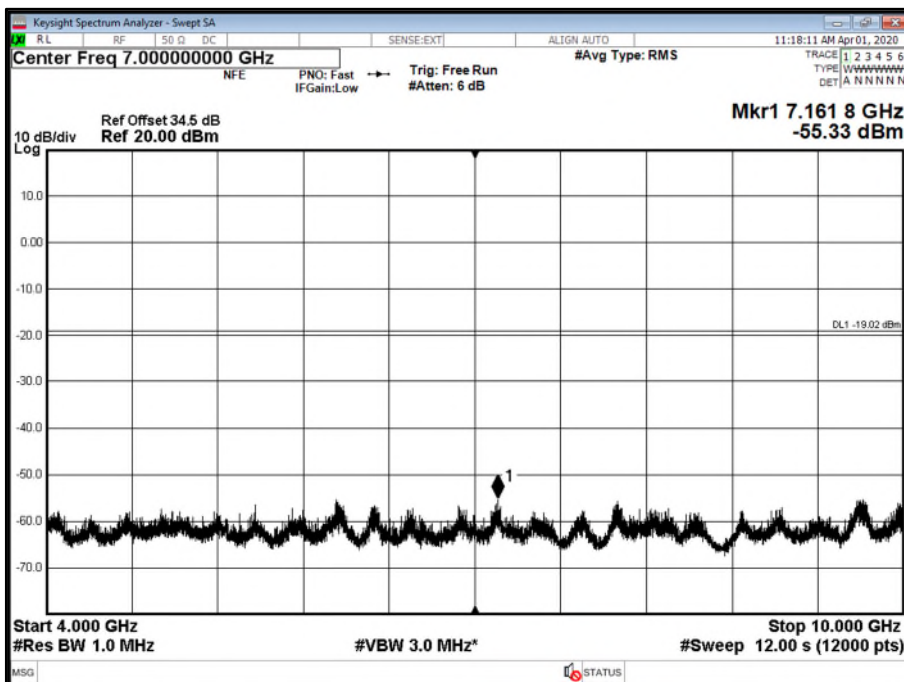


Product Service

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



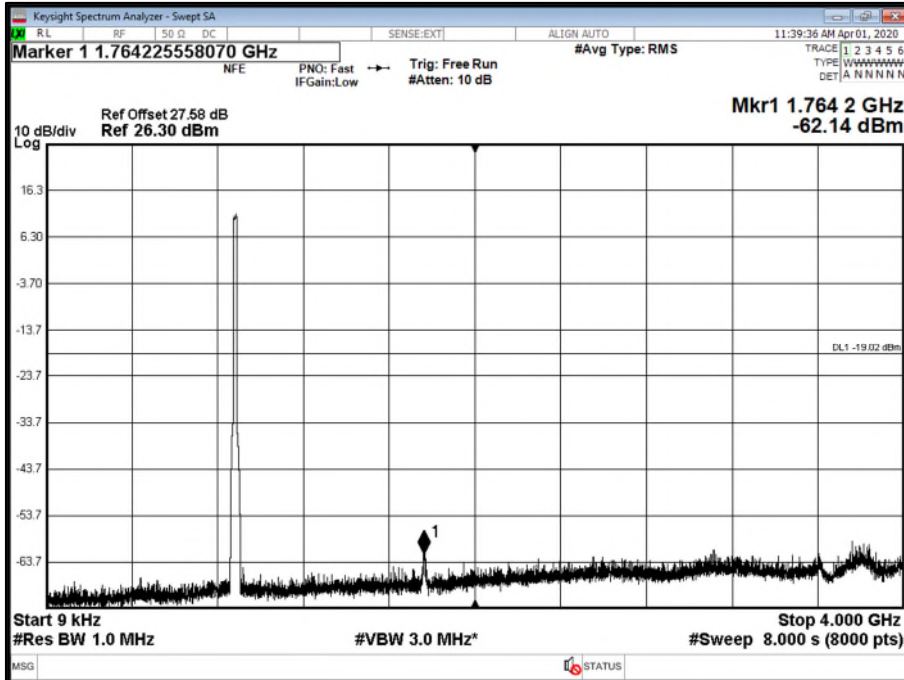
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



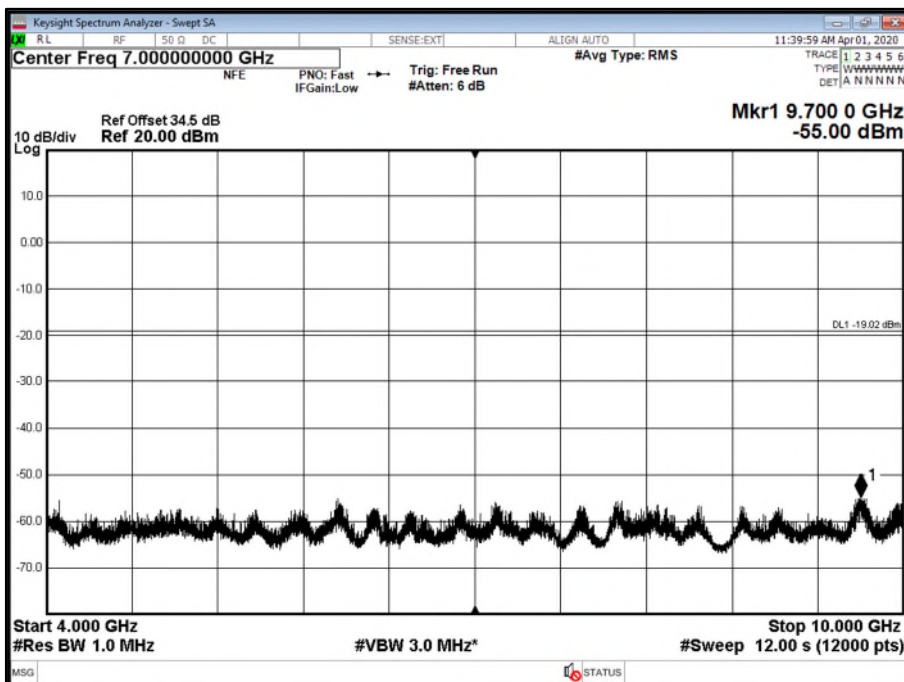


Product Service

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



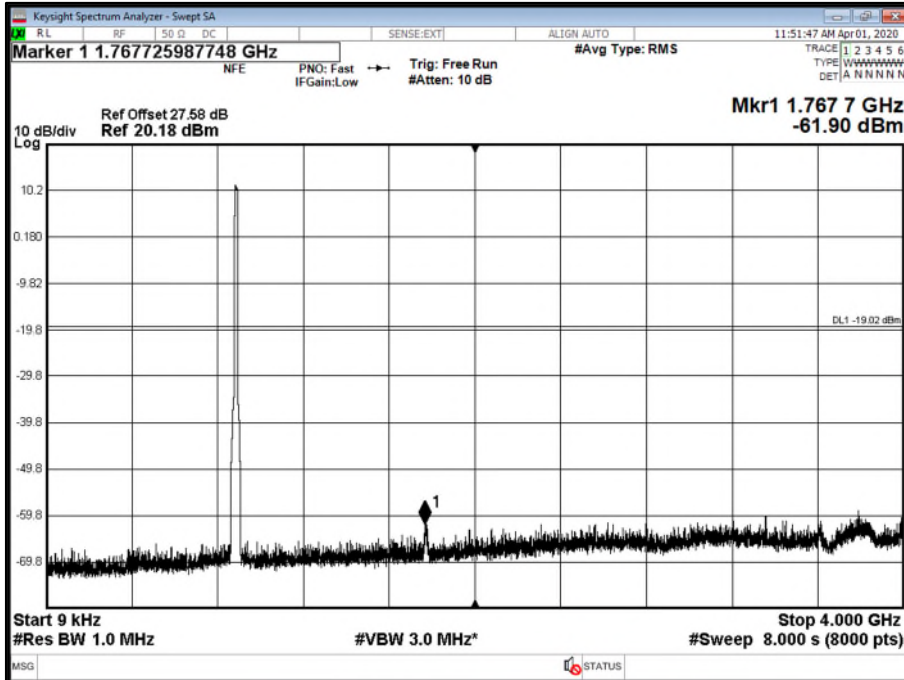
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



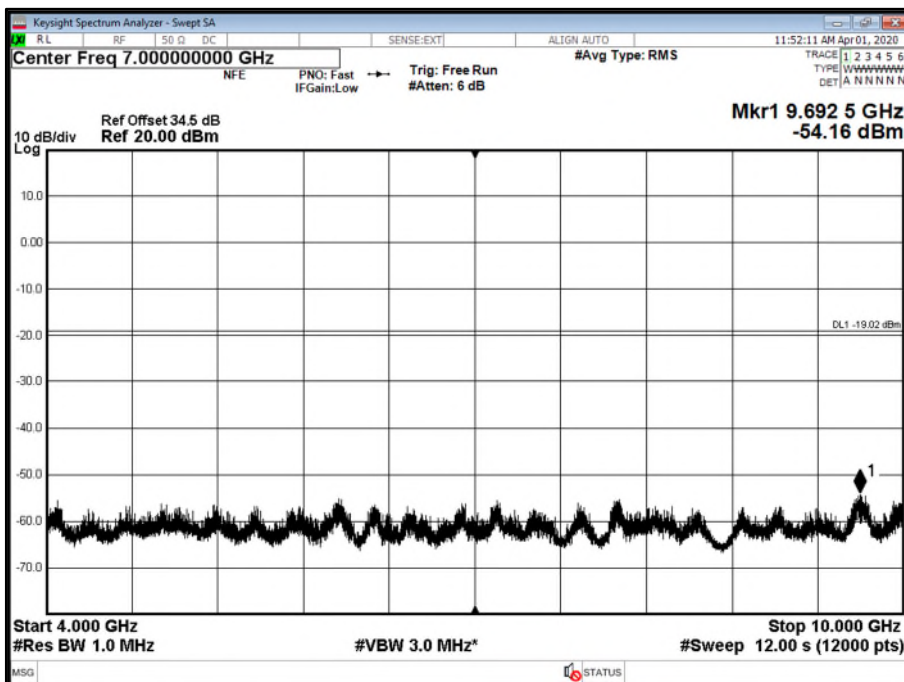


Product Service

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



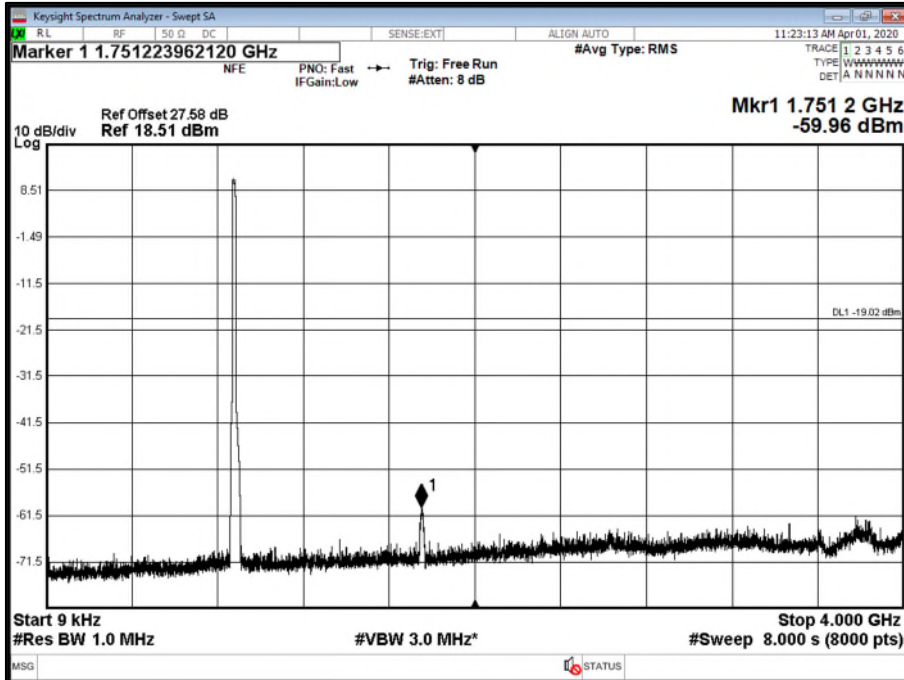
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



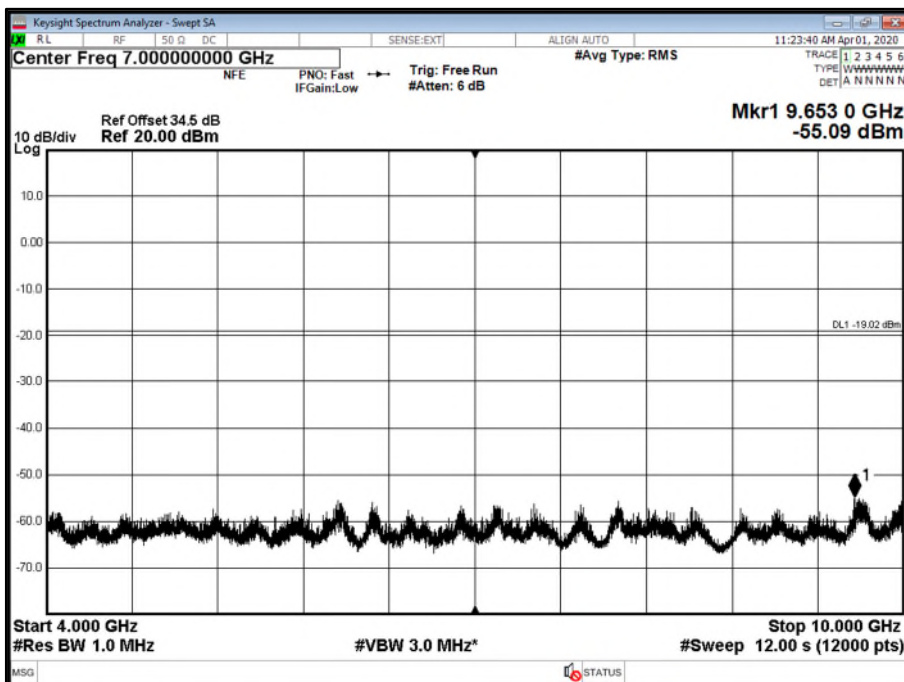


Product Service

Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



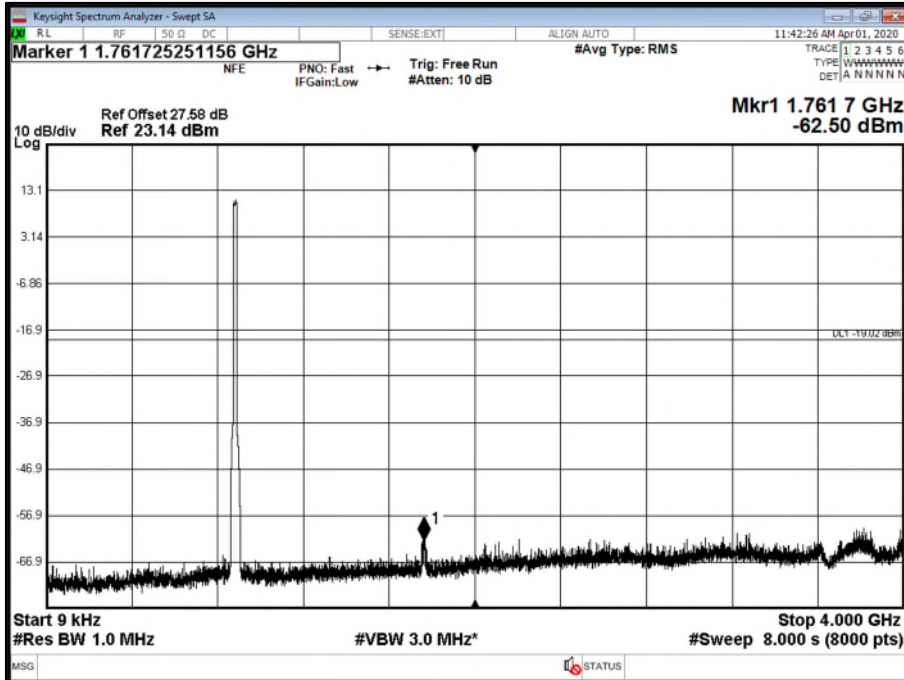
Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



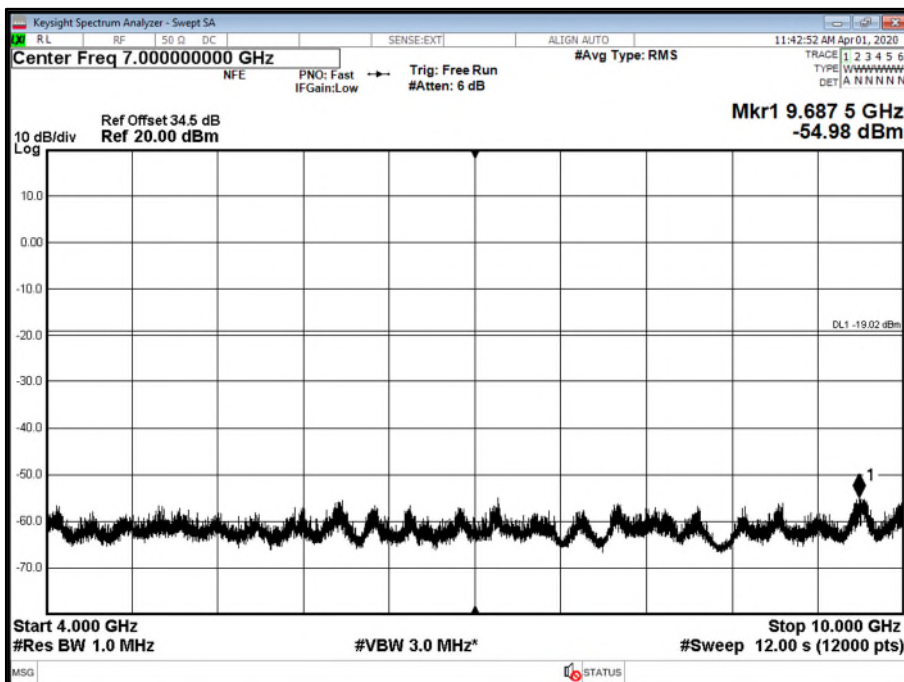


Product Service

Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



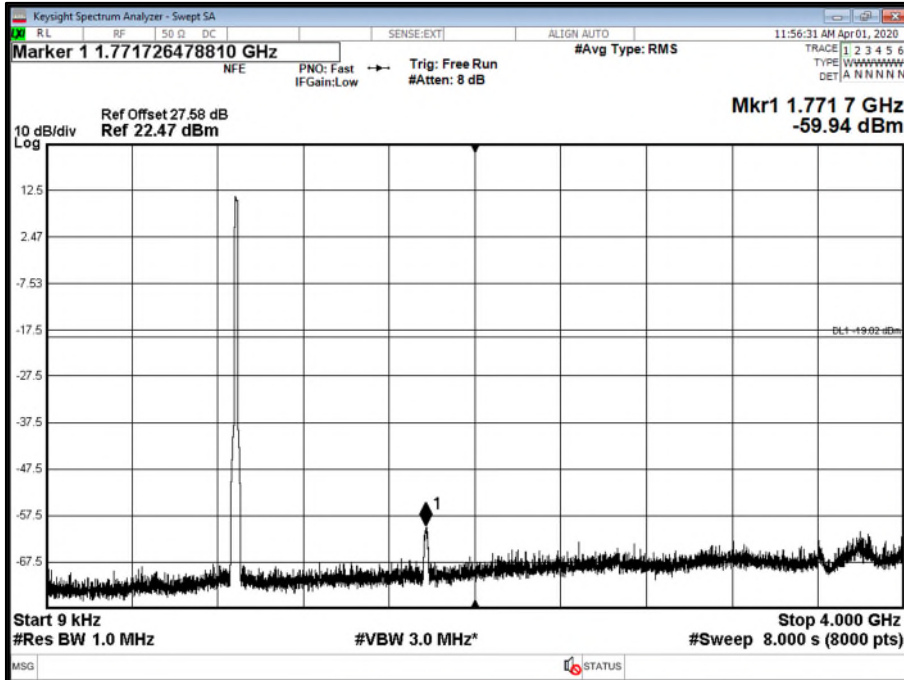
Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



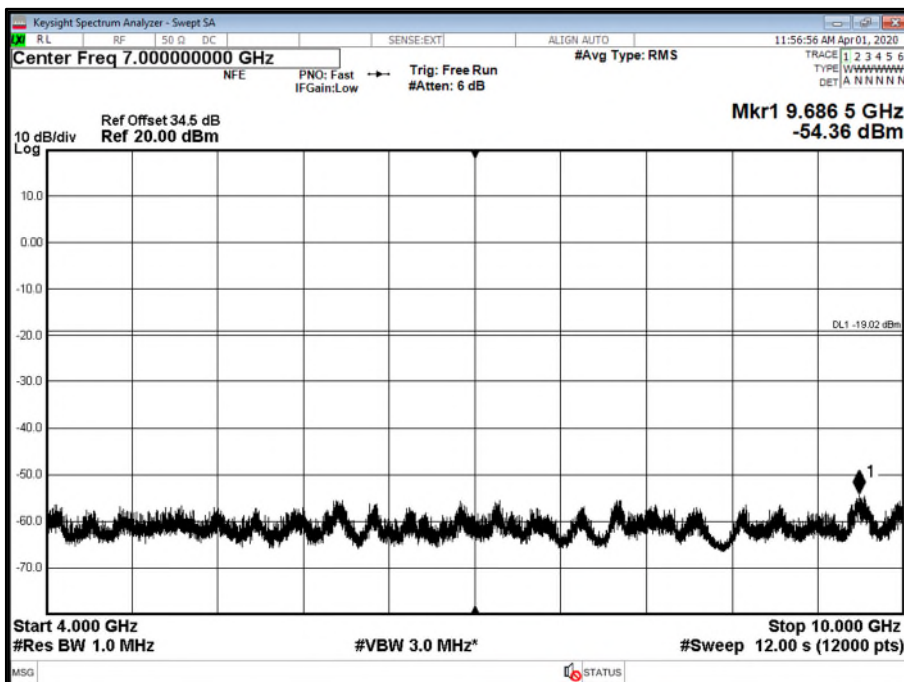


Product Service

Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



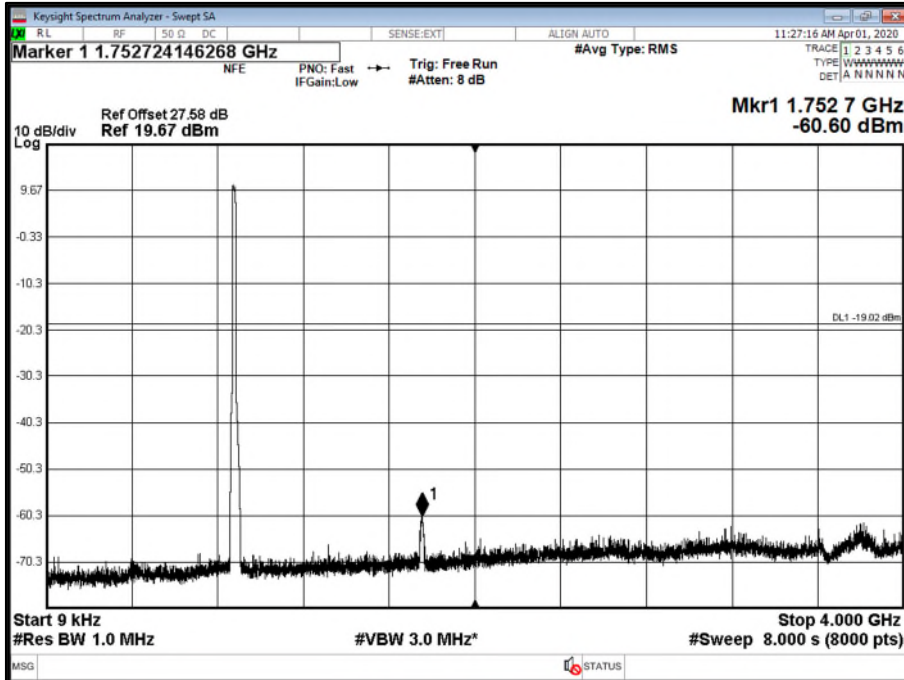
Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



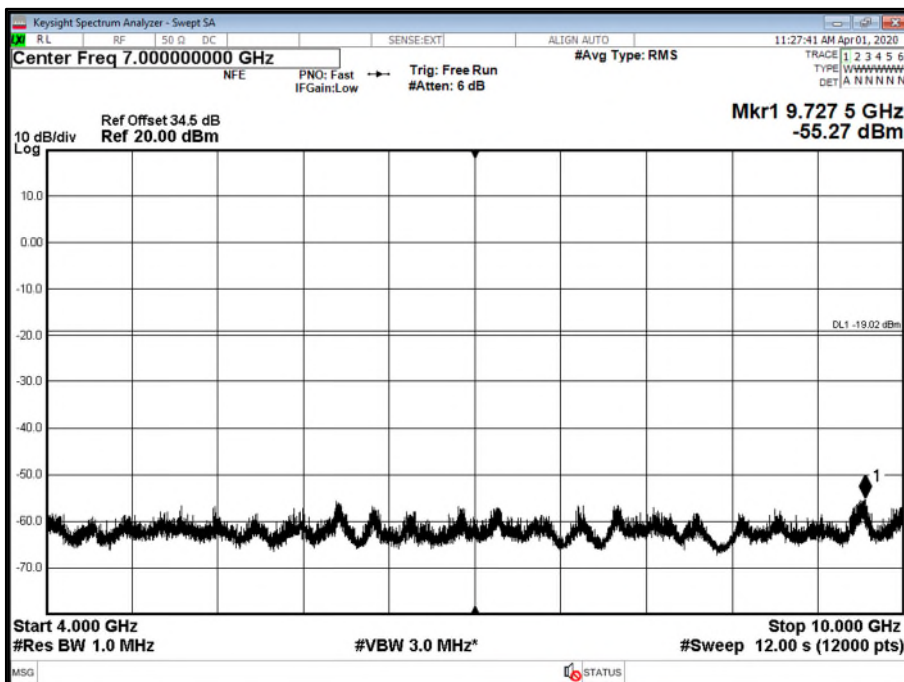


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



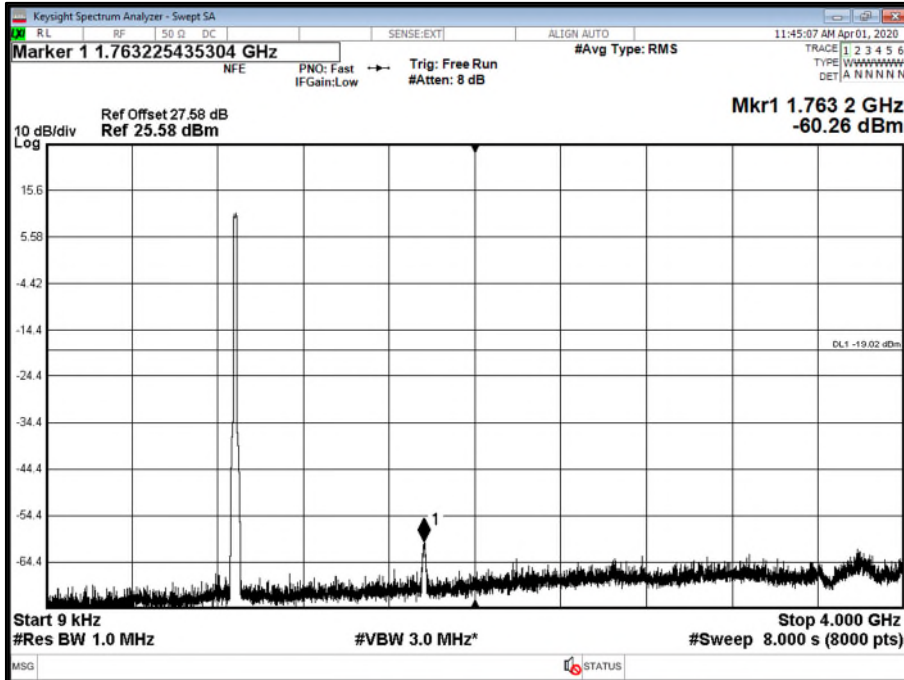
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



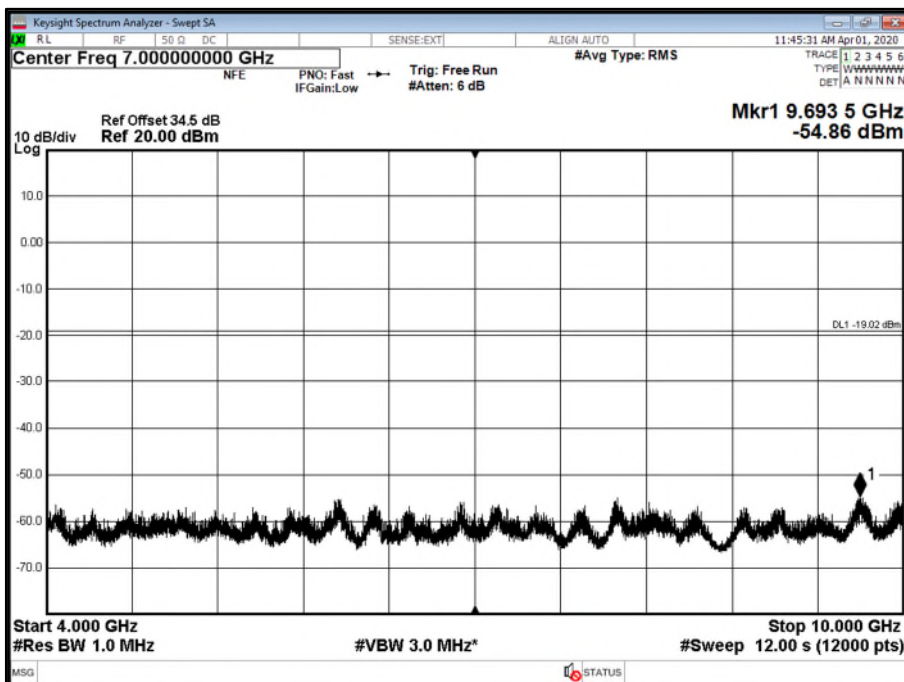


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



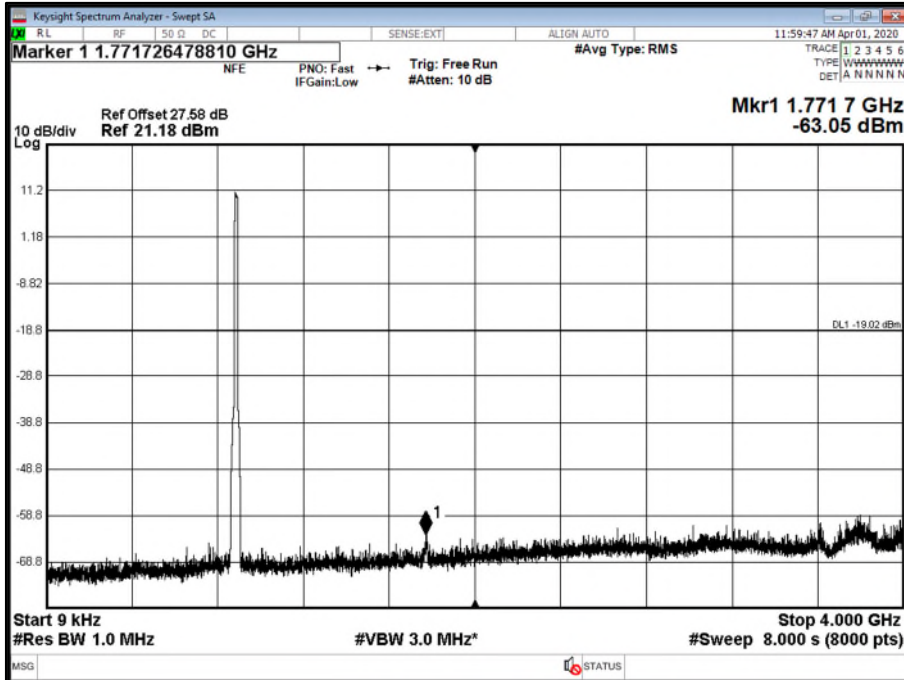
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



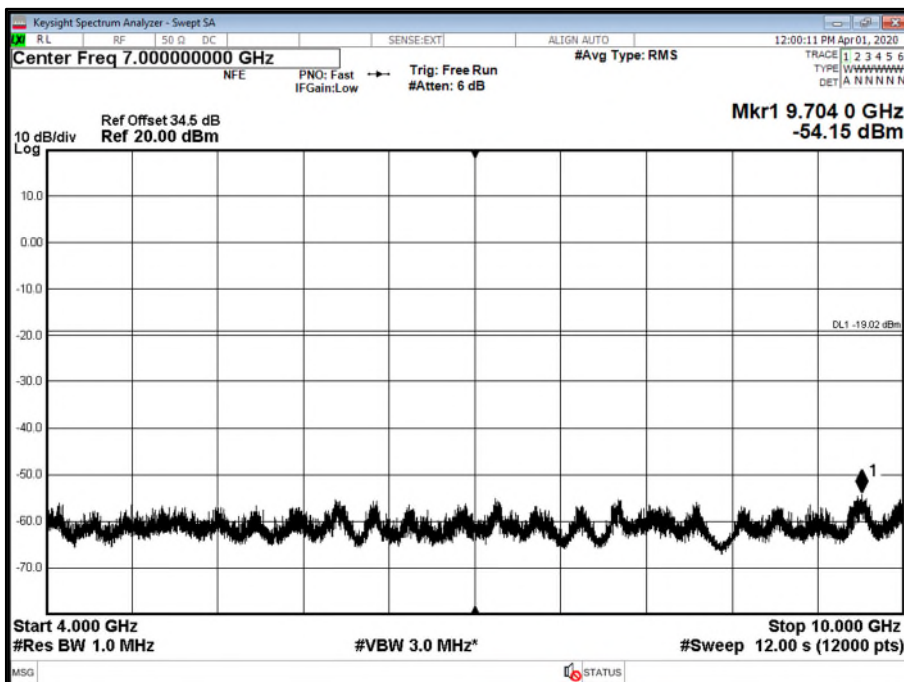


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



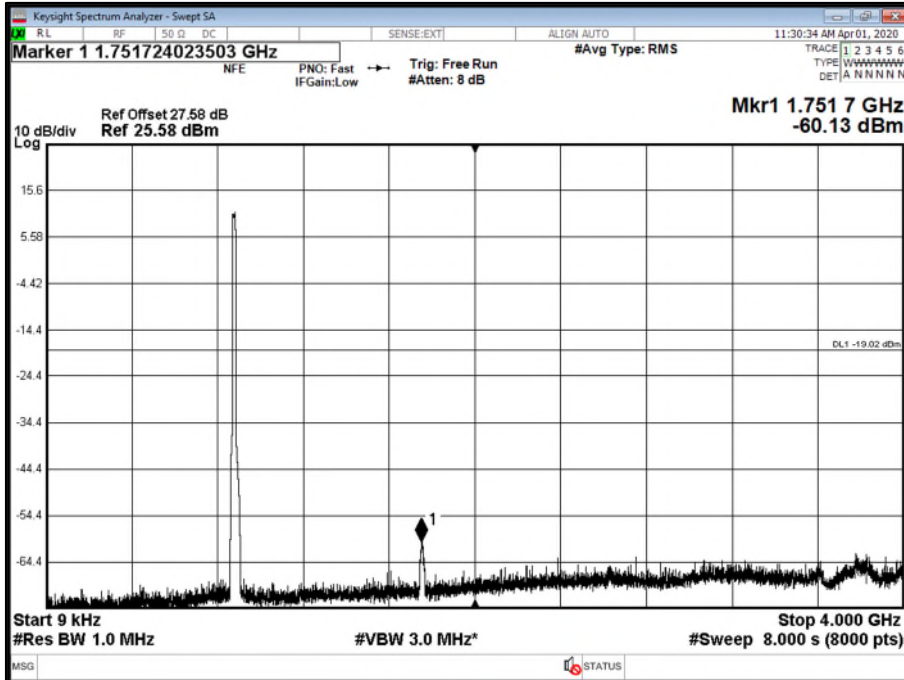
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



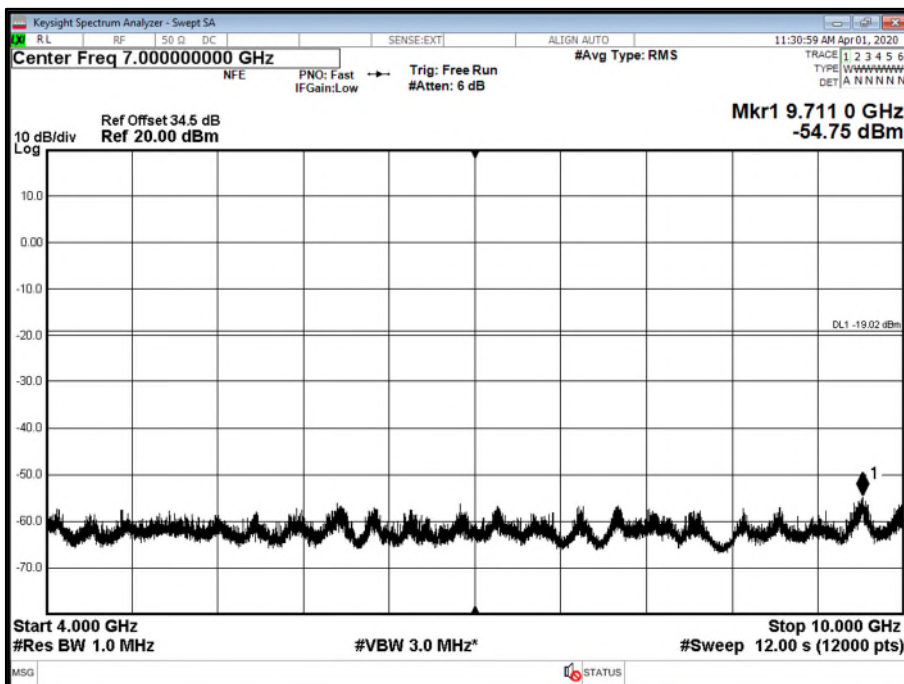


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



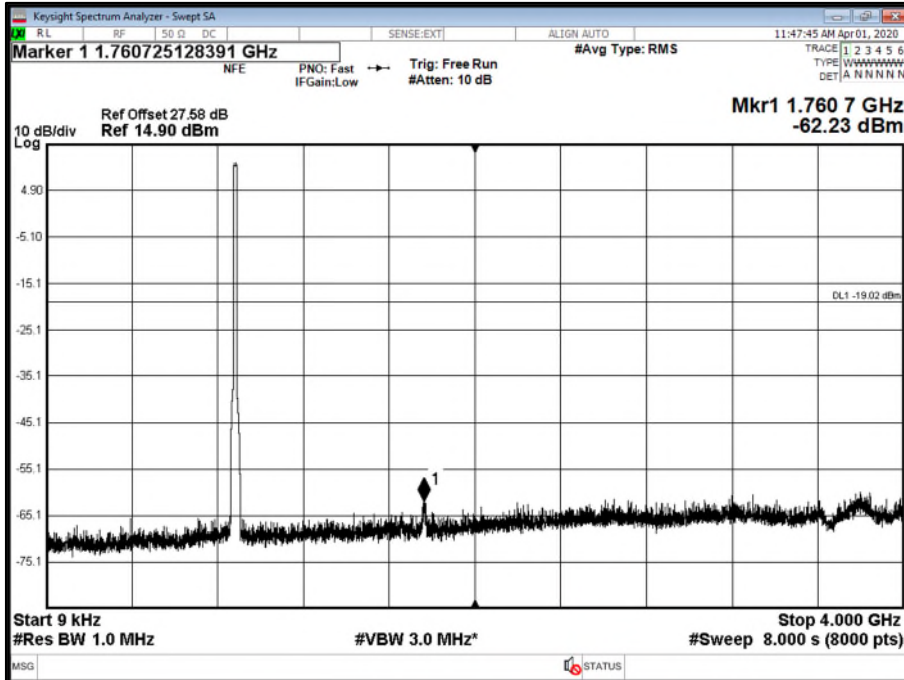
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



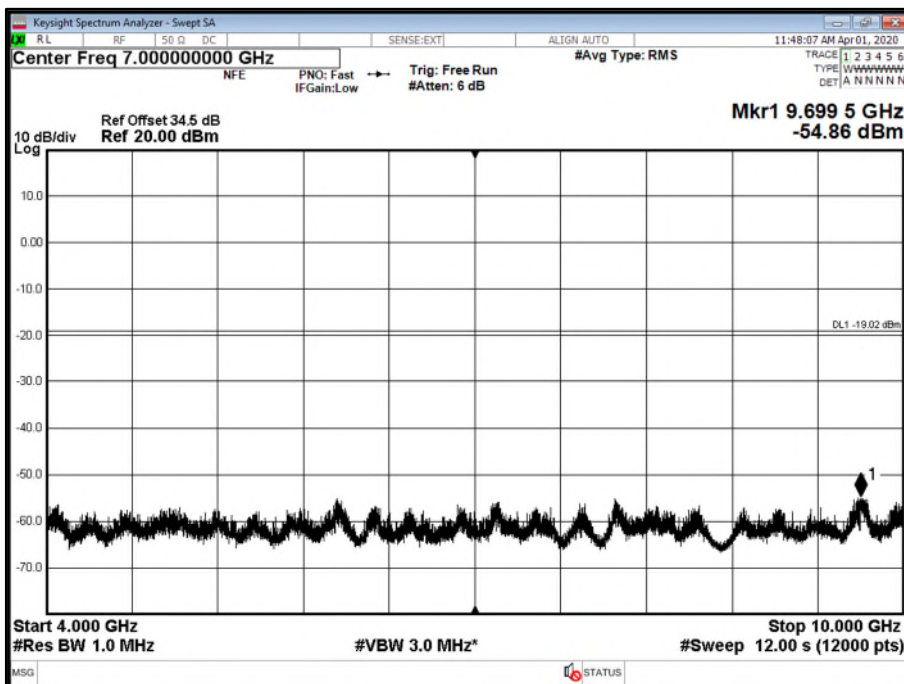


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



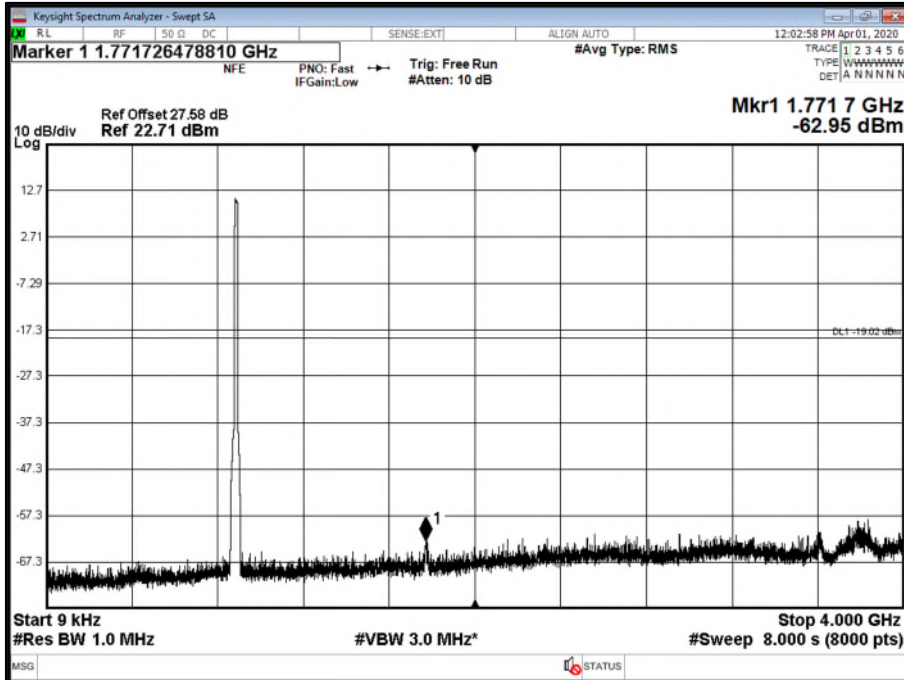
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



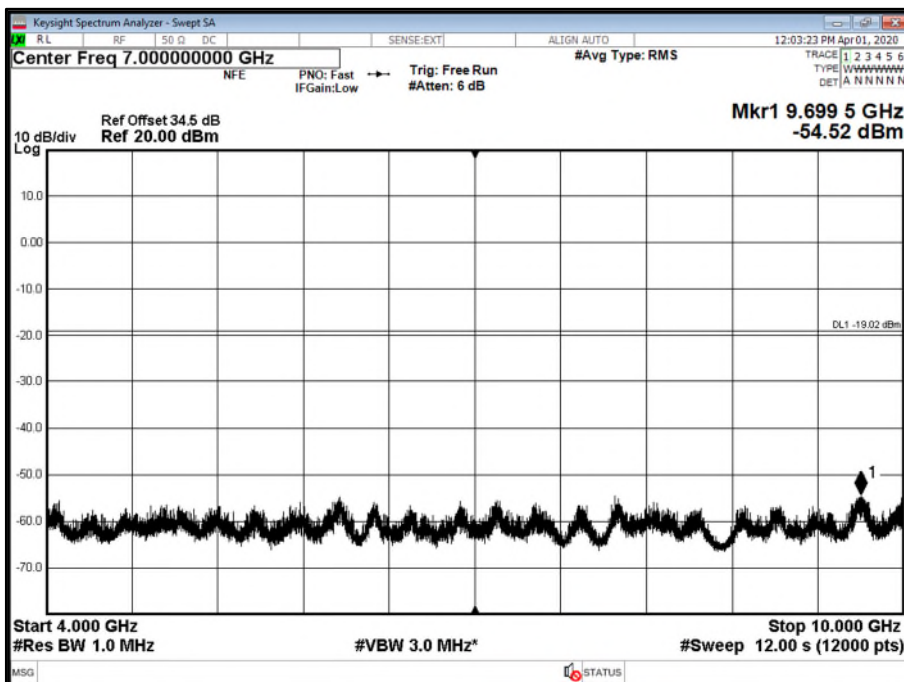


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



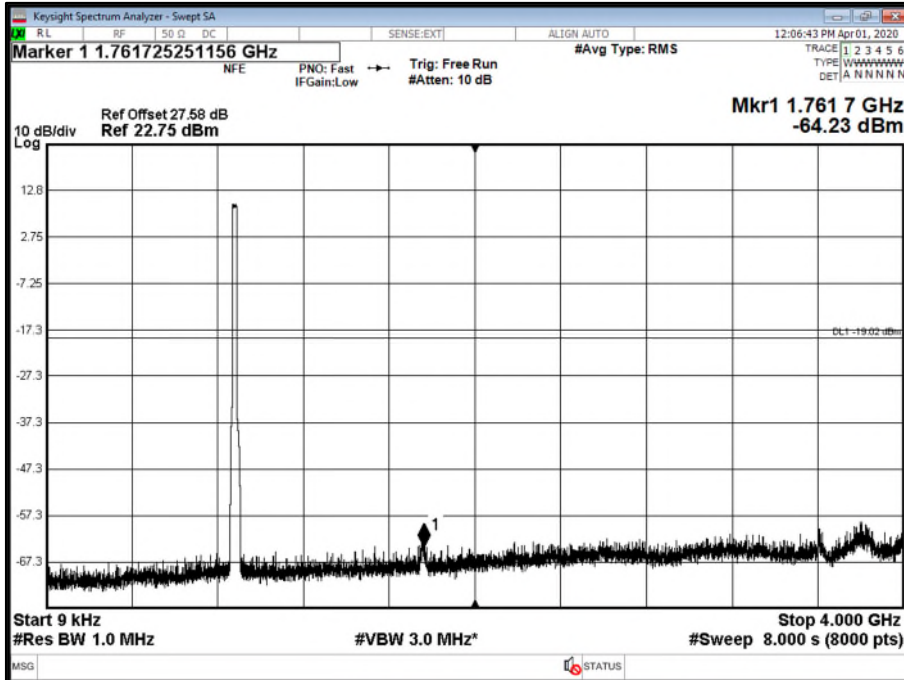
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 15.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



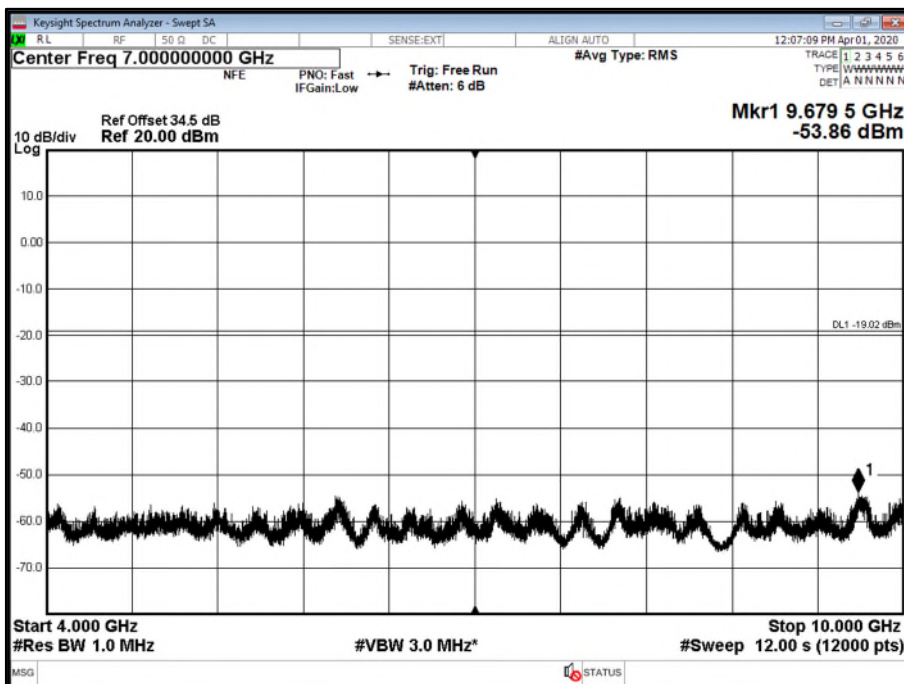


Product Service

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



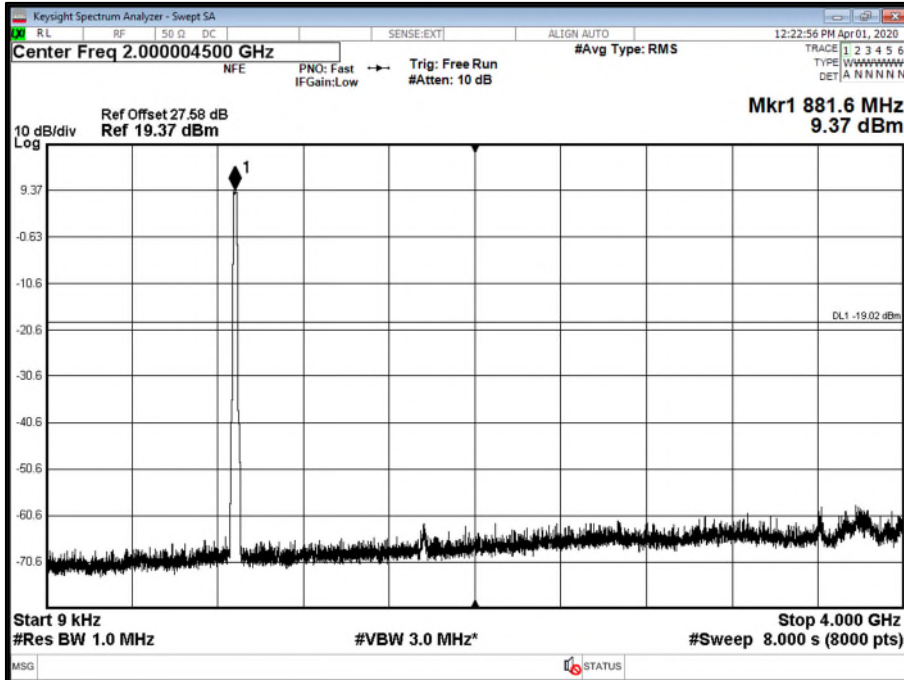
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



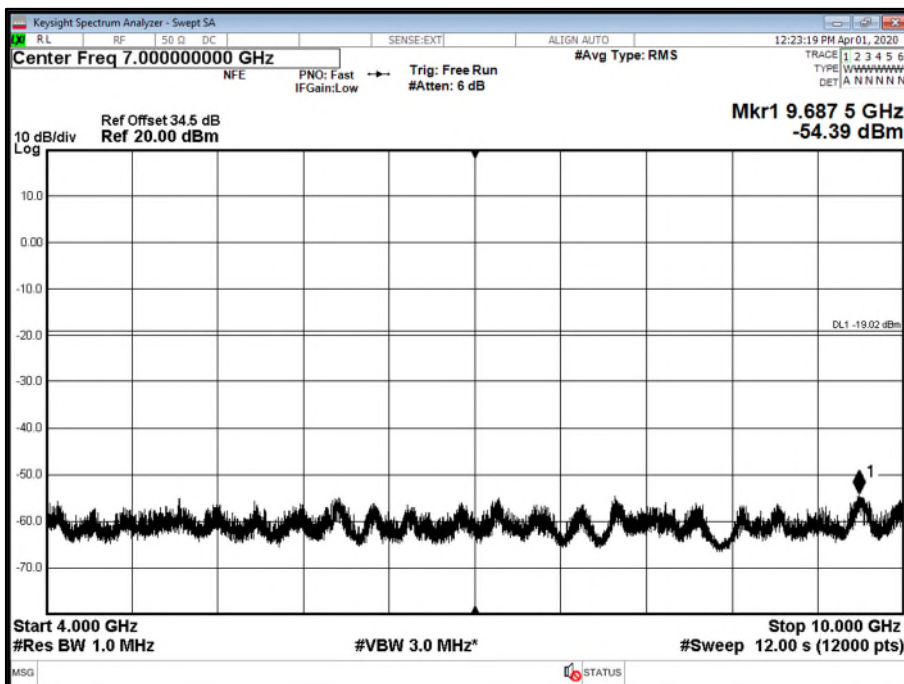


Product Service

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



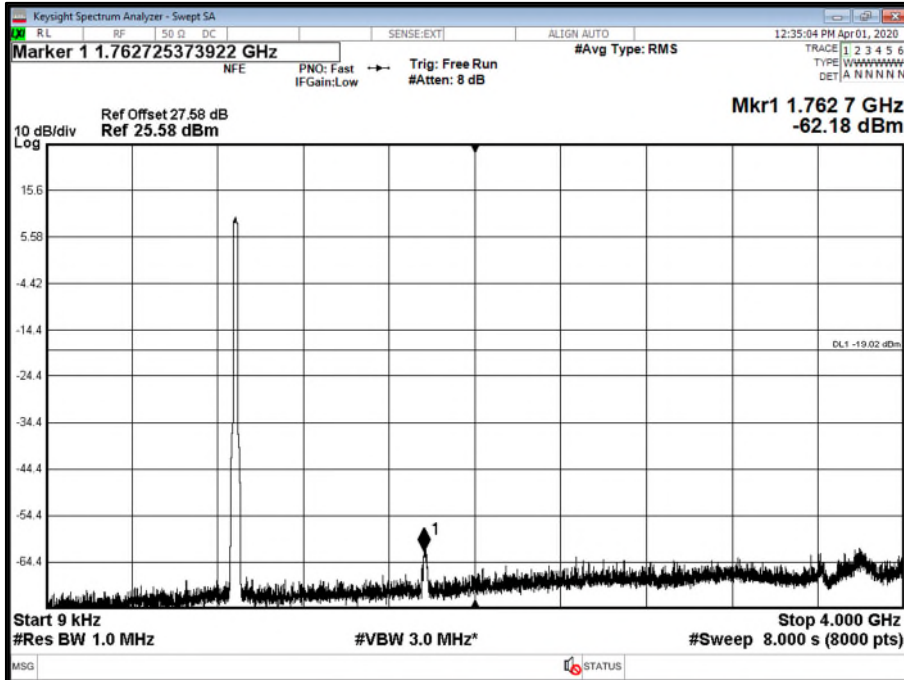
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



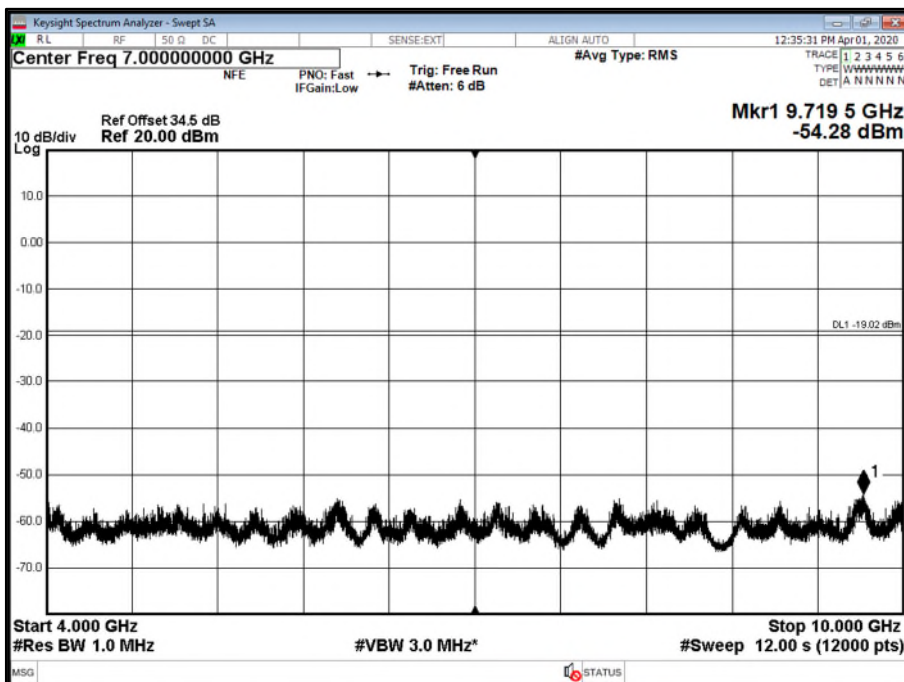


Product Service

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



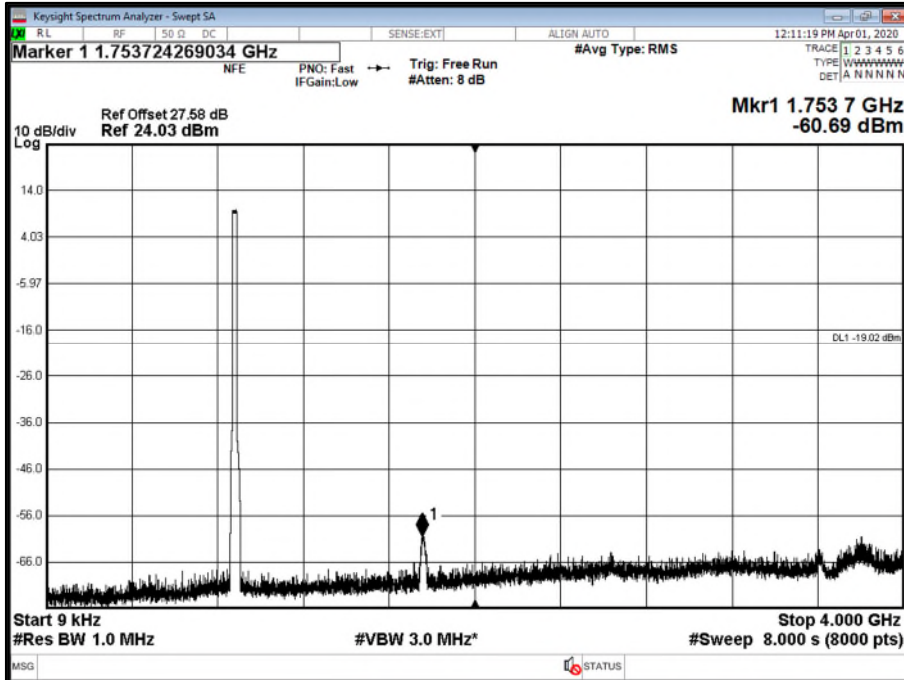
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



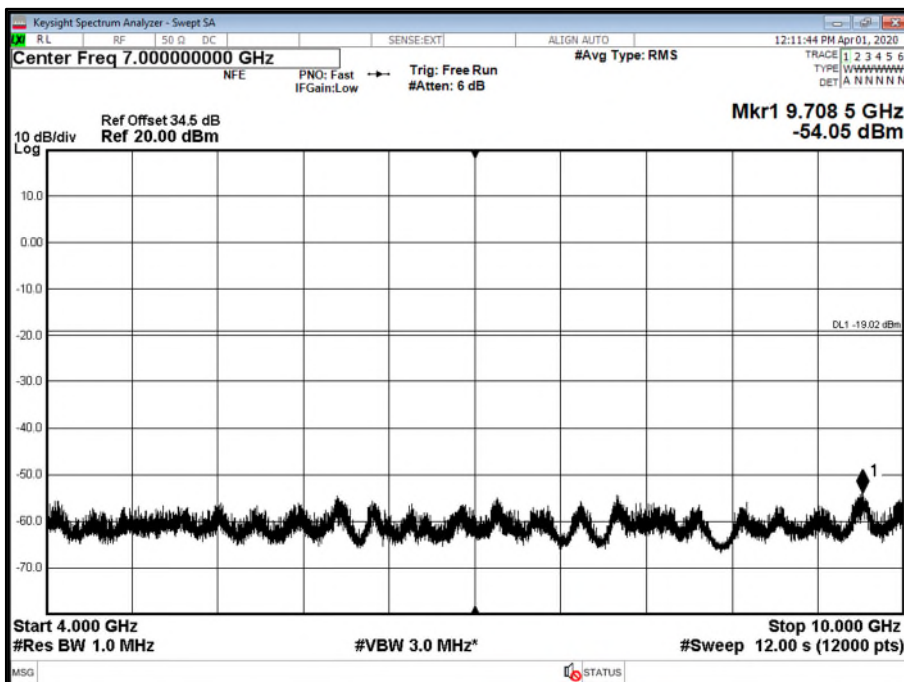


Product Service

Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



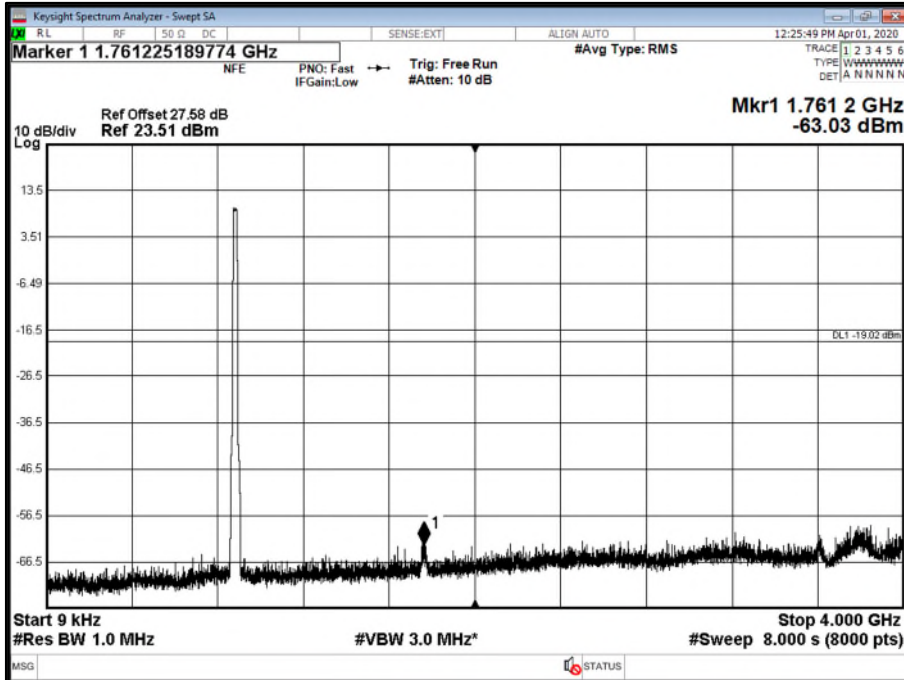
Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



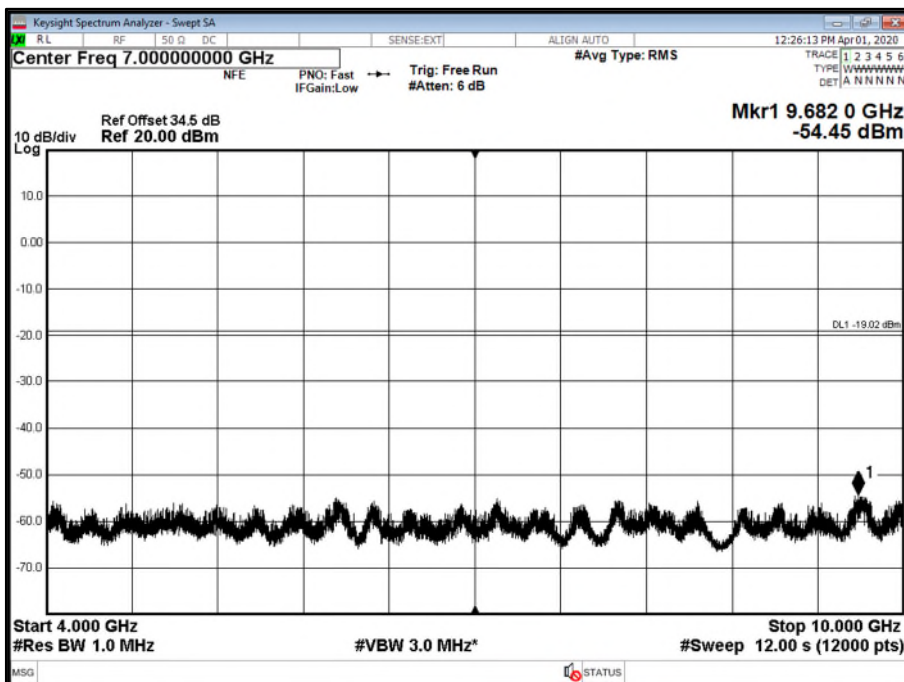


Product Service

Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



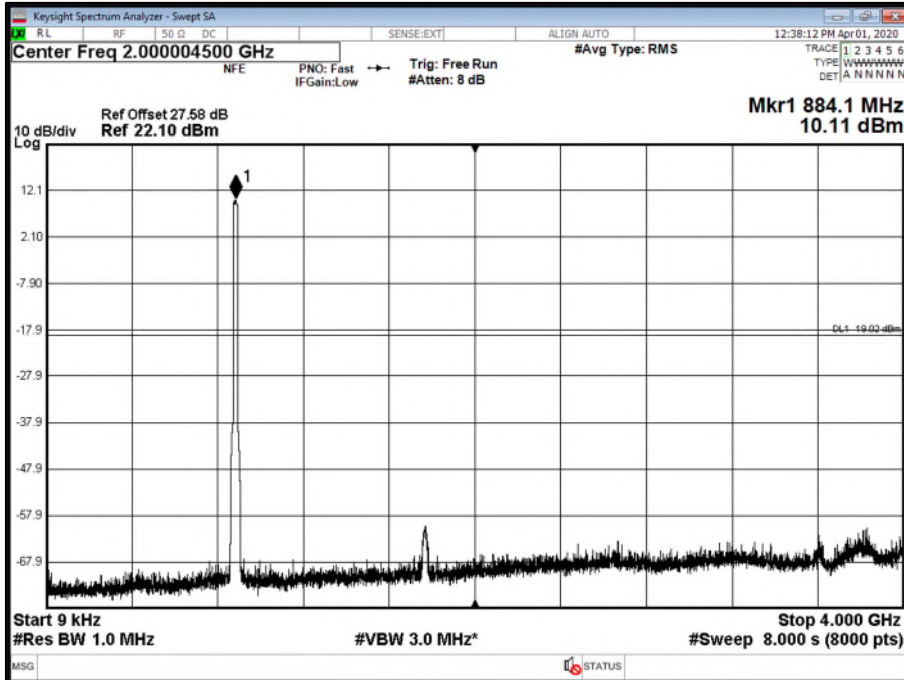
Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



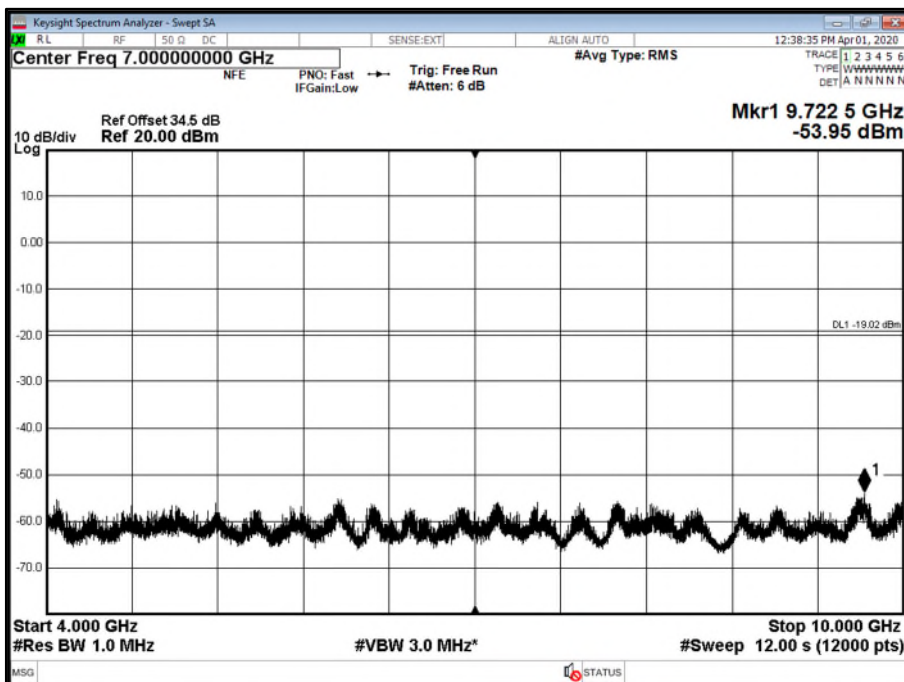


Product Service

Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



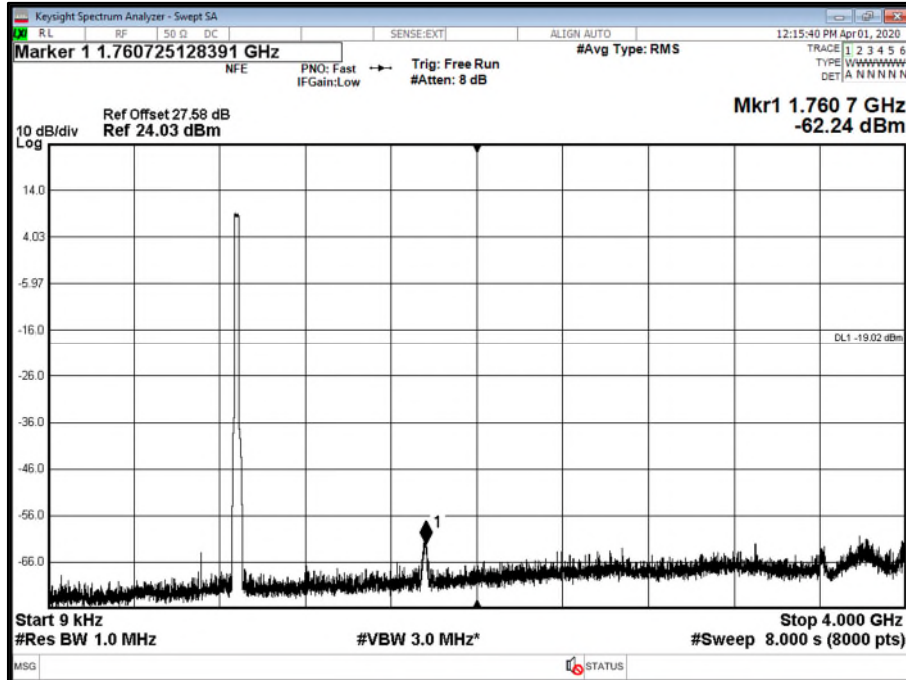
Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



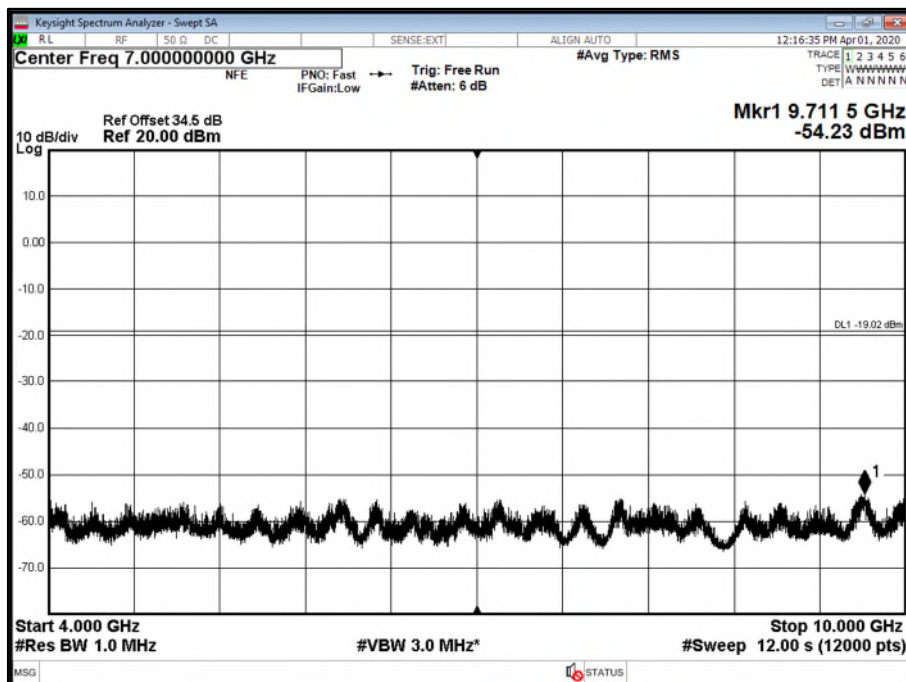


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



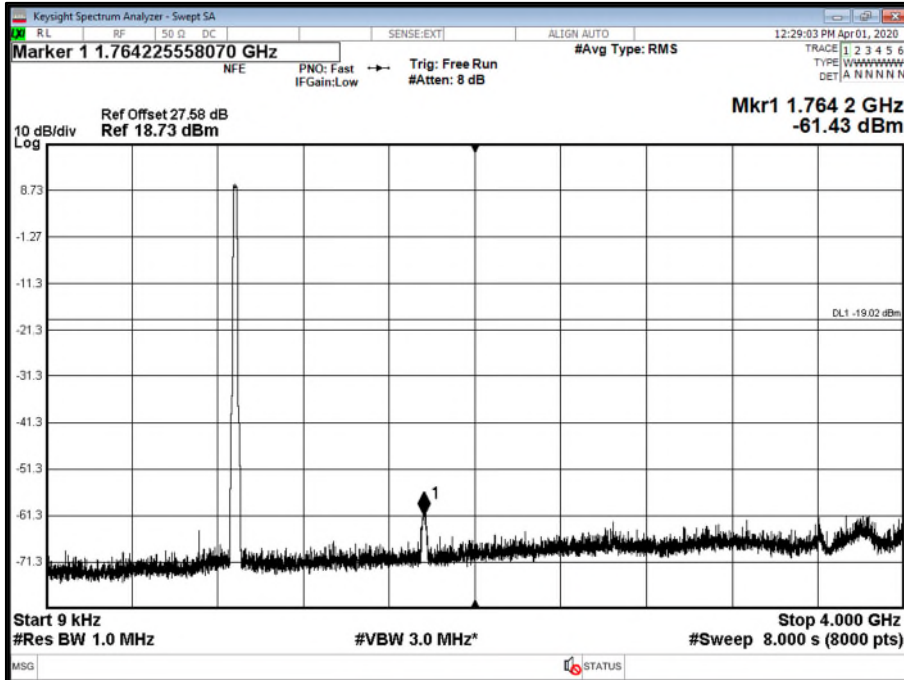
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



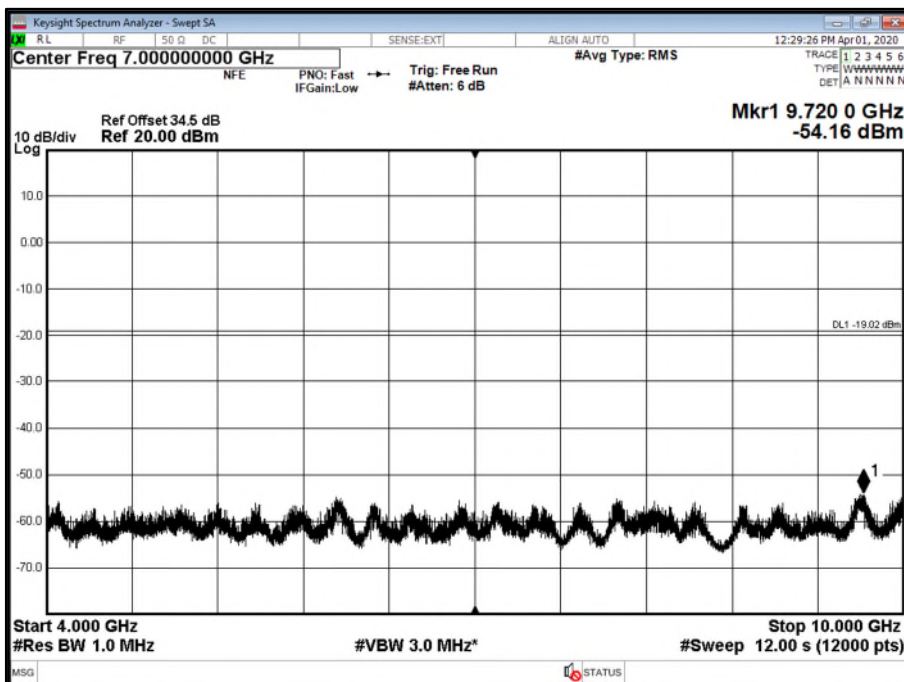


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



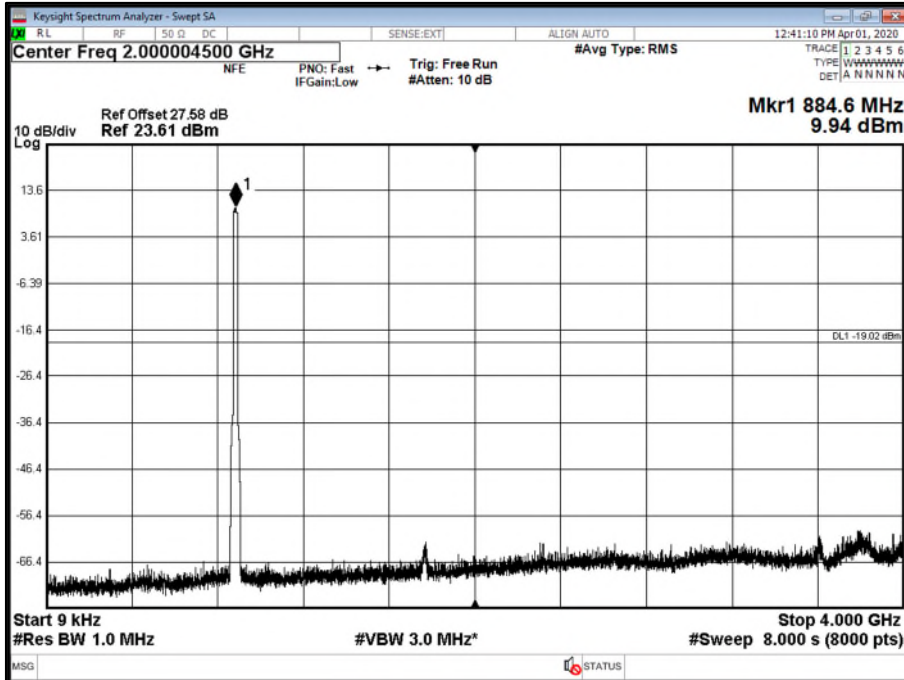
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



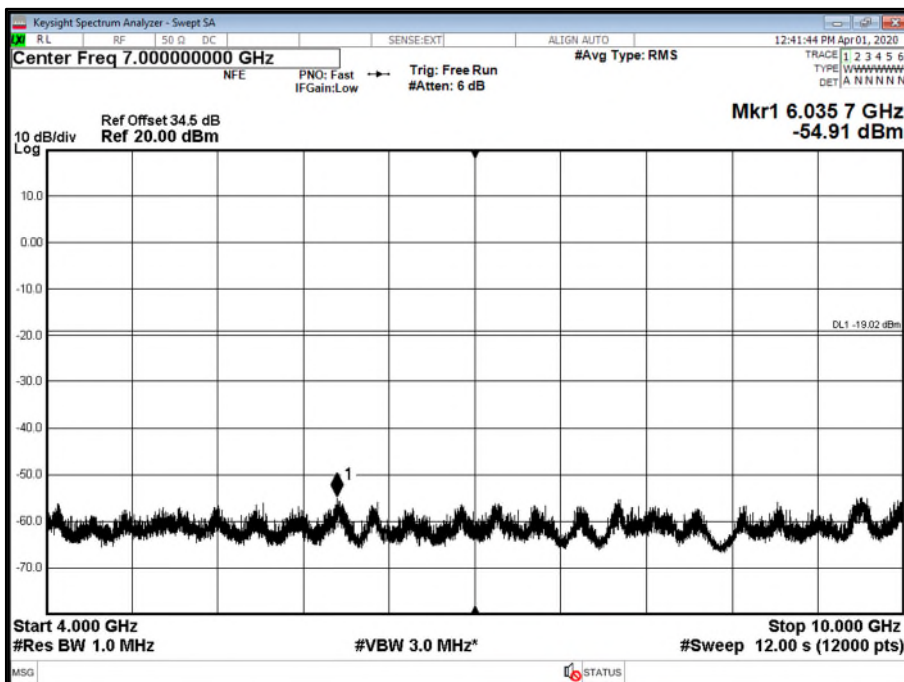


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



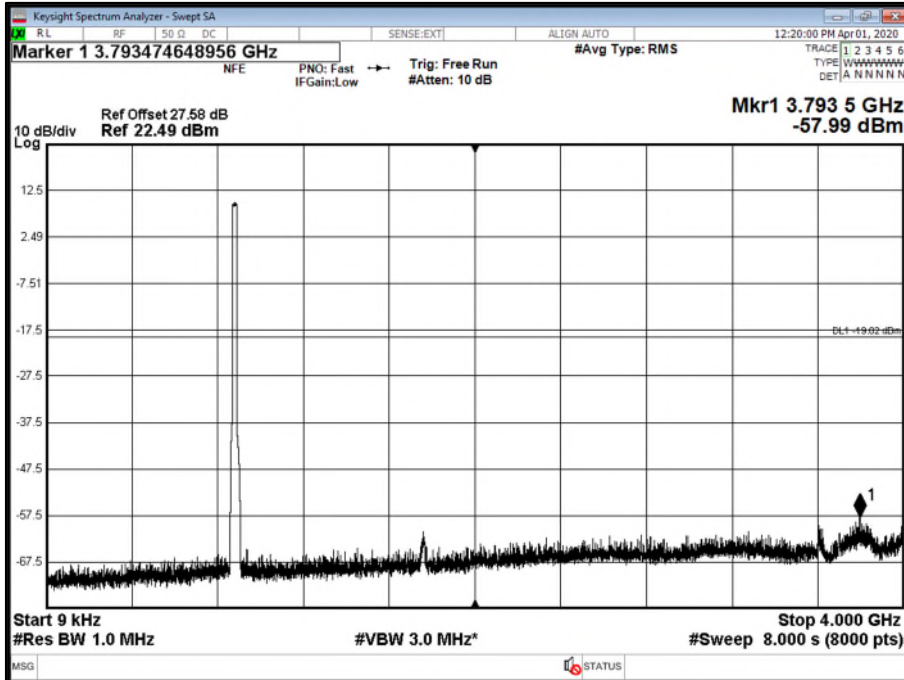
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz



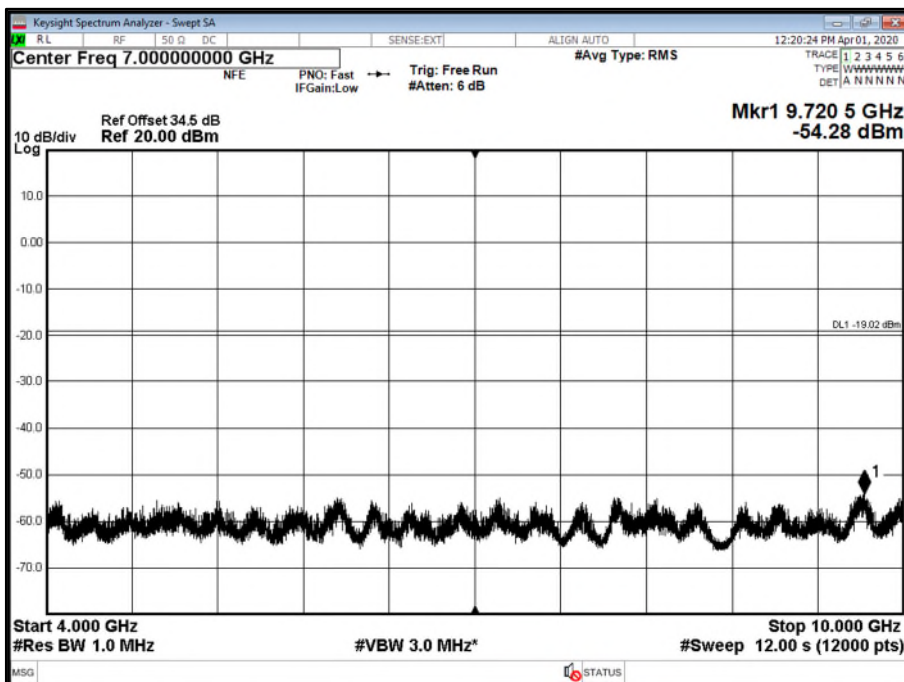


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 1.00 - Range 0.009 to 4000 MHz



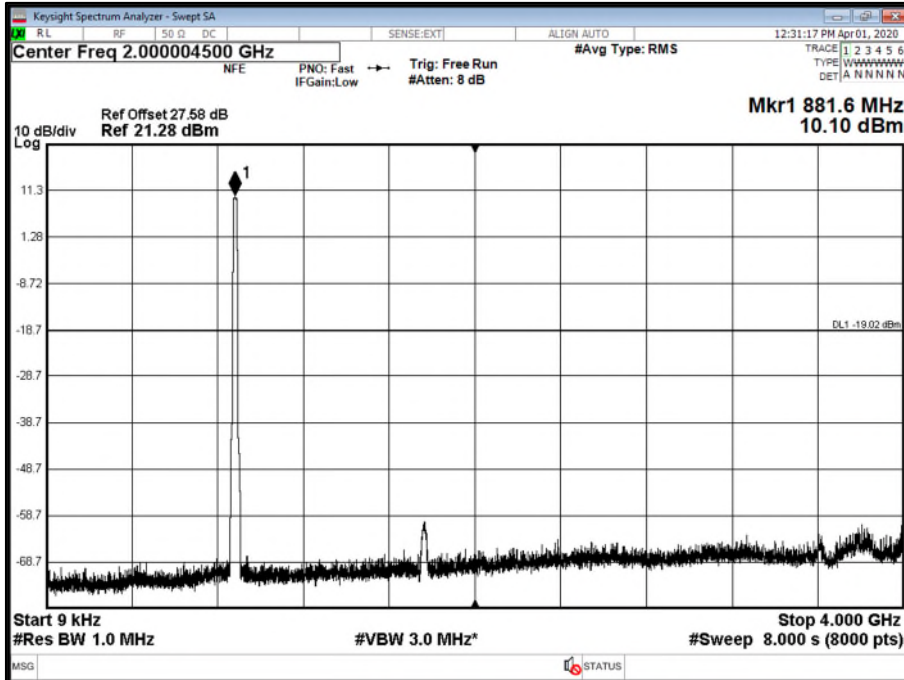
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position B - Band 2.00 - Range 4000 to 12000 MHz



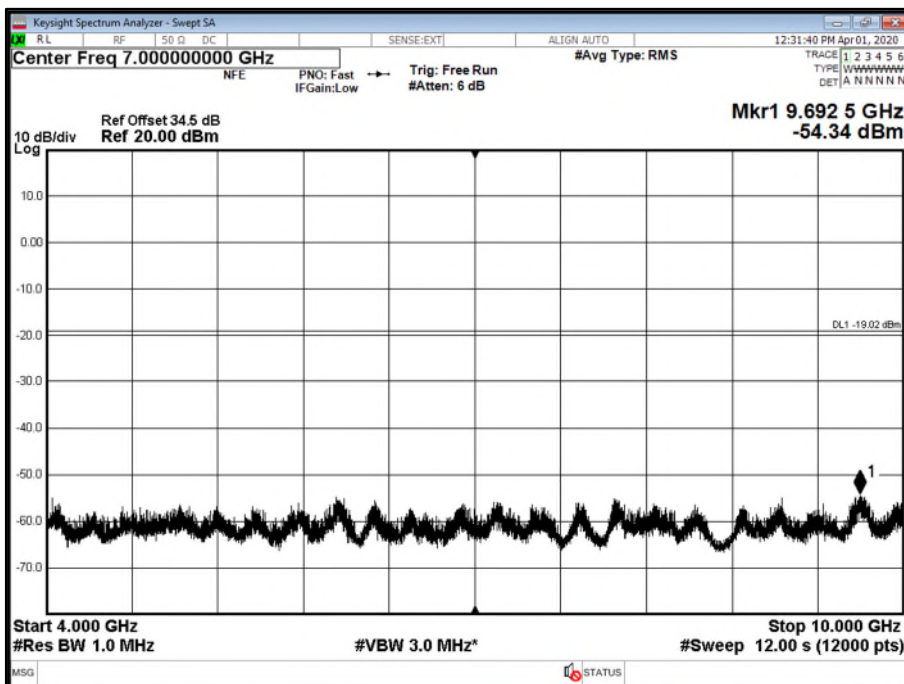


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



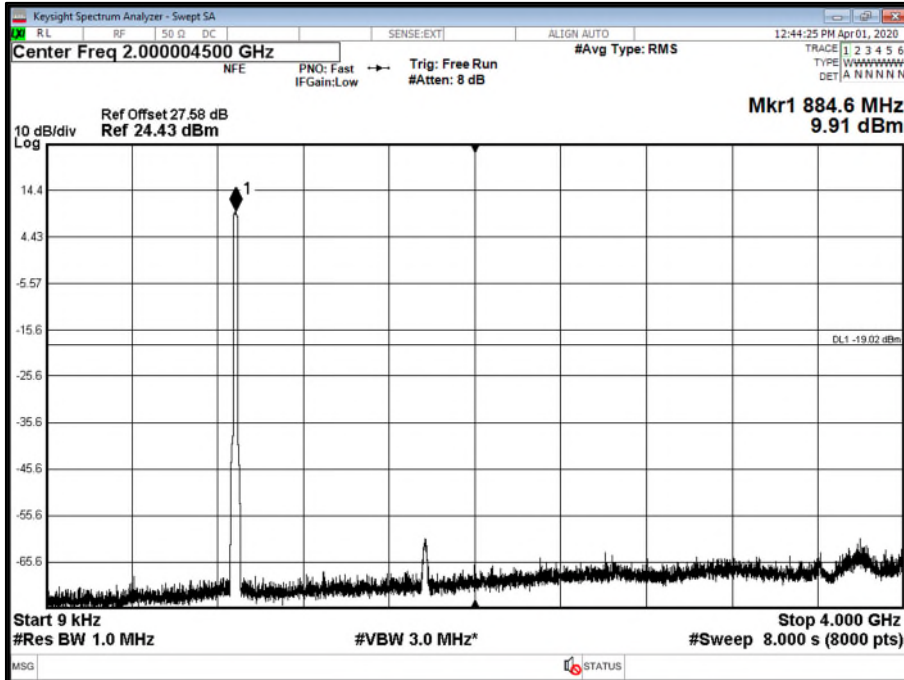
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



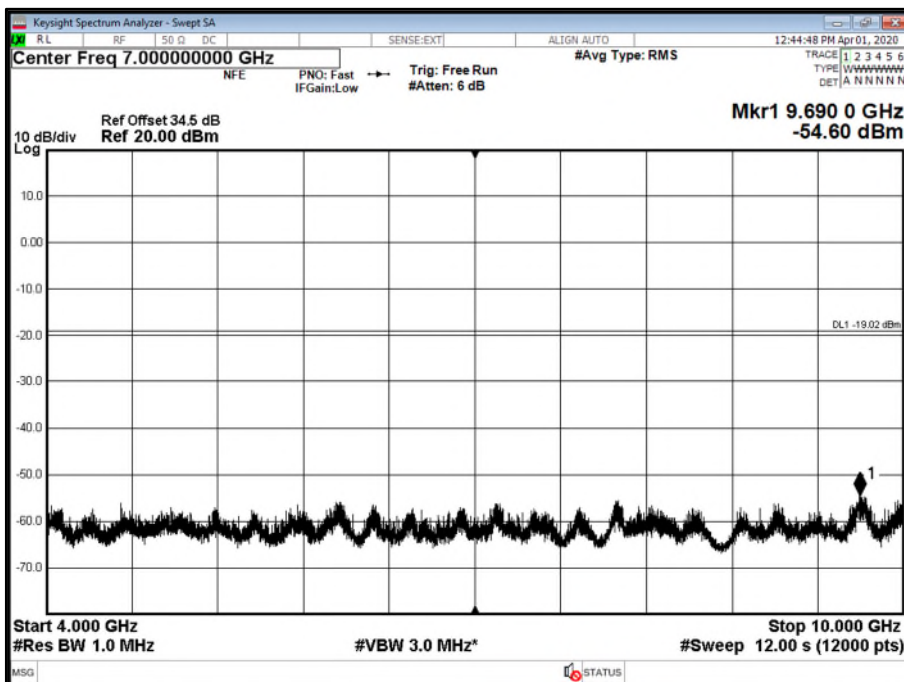


Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 1.00 - Range 0.009 to 4000 MHz



Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 15 kHz SCS - Channel Position T - Band 2.00 - Range 4000 to 12000 MHz





Product Service

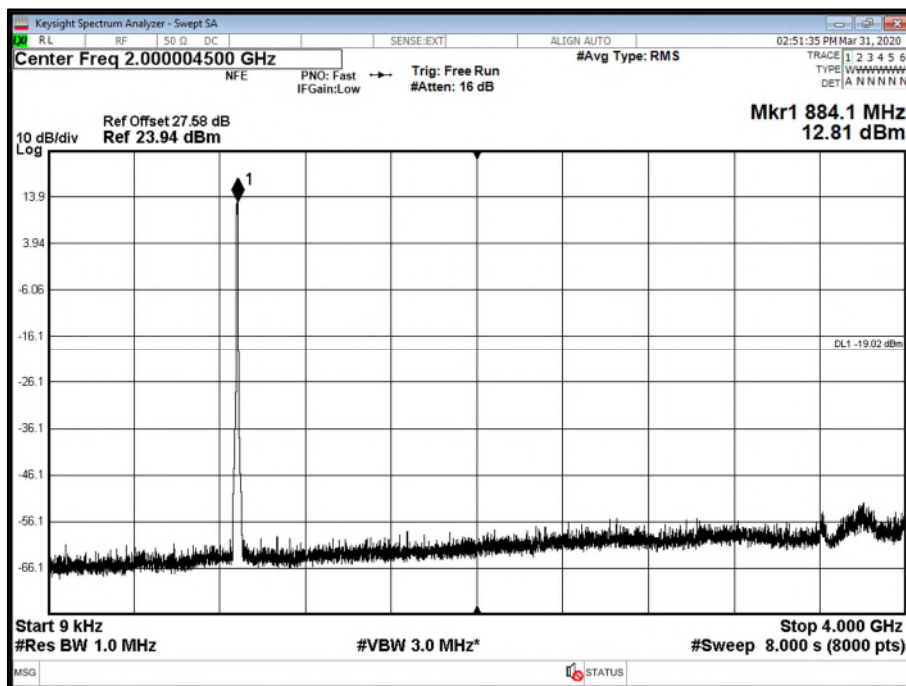
Configuration D

Maximum Output Power 17.0 dBm per port

Remarks

Worst case spurious emissions presented.

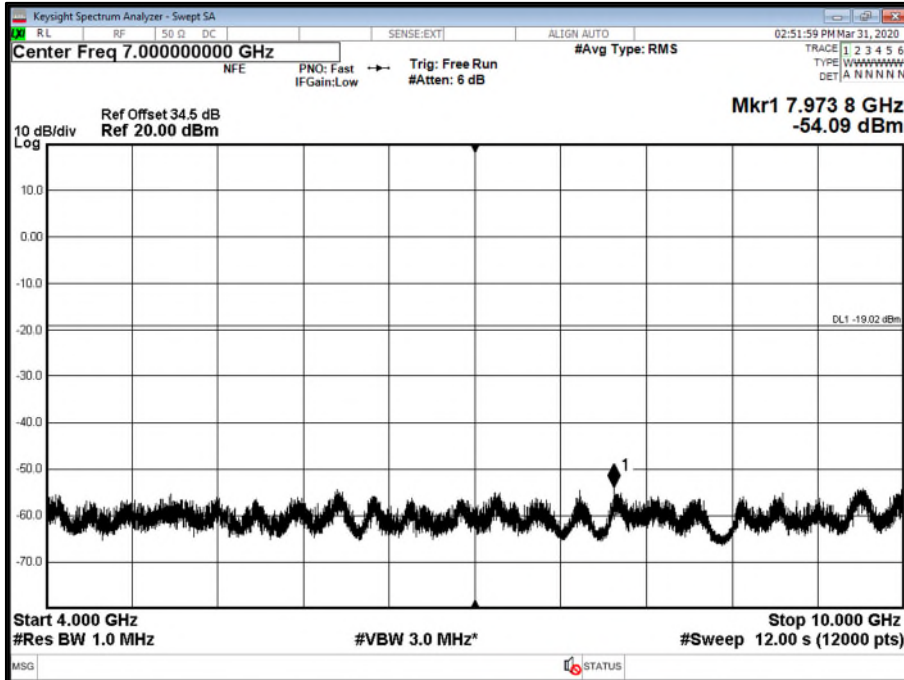
Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



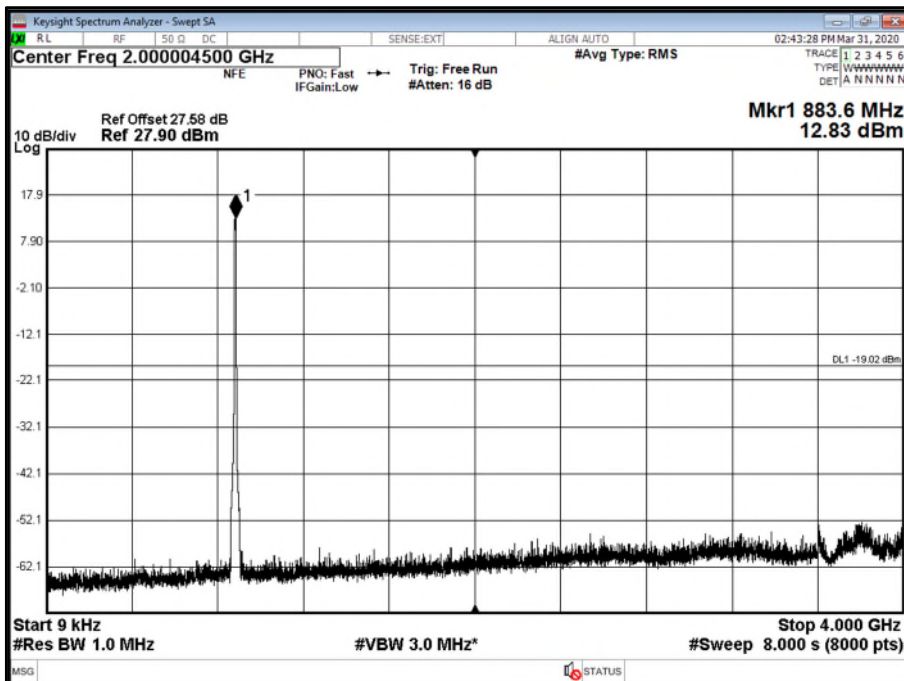


Product Service

Antenna A - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



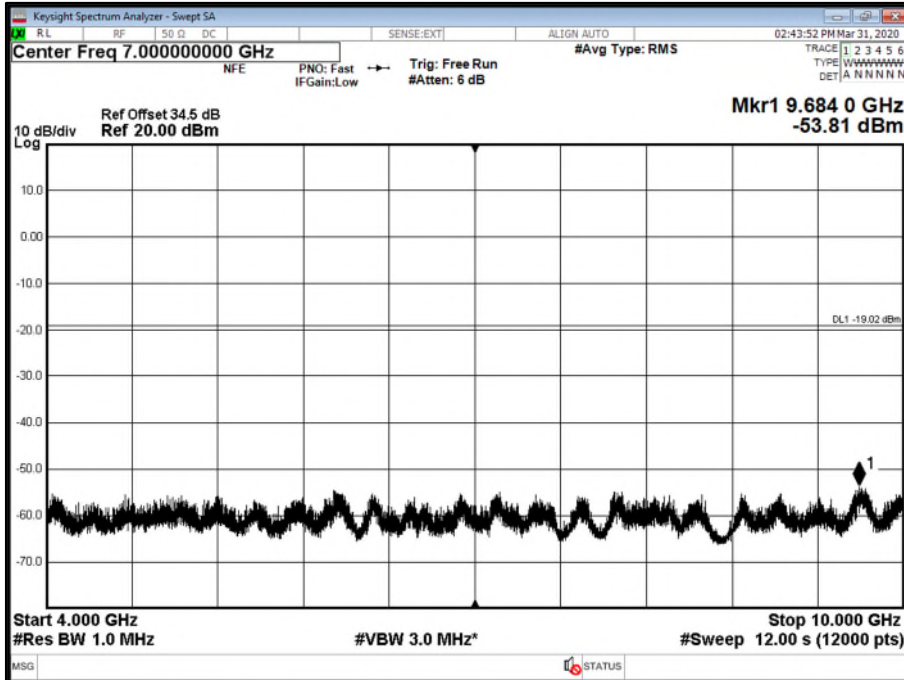
Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



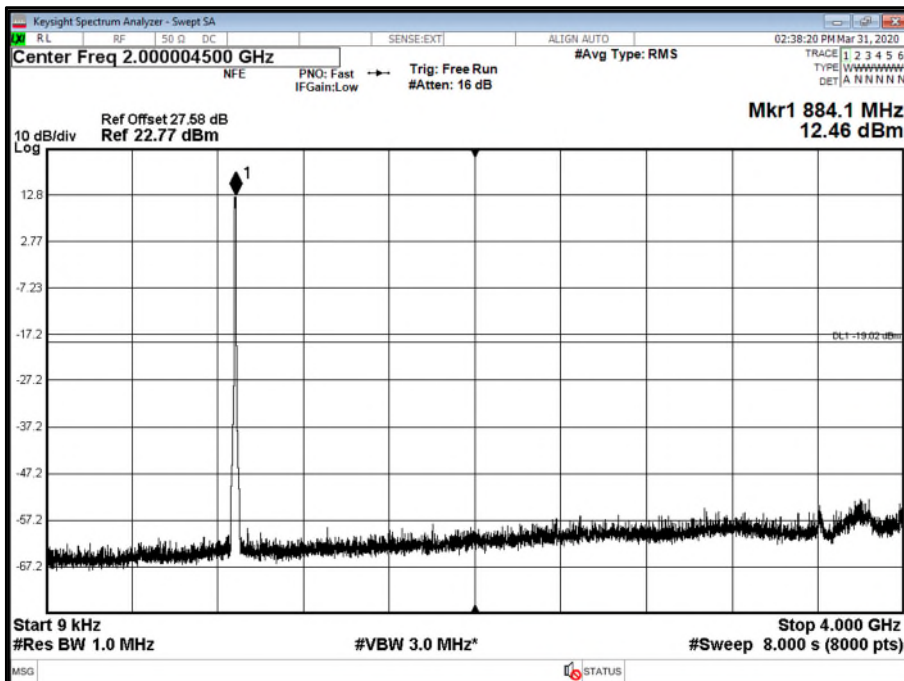


Product Service

Antenna B - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



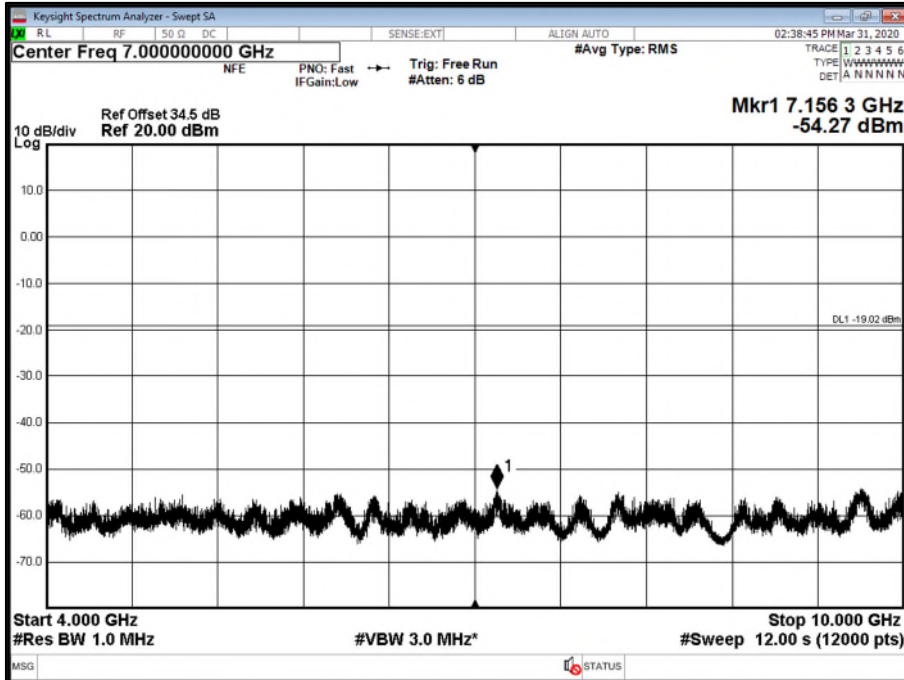
Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz



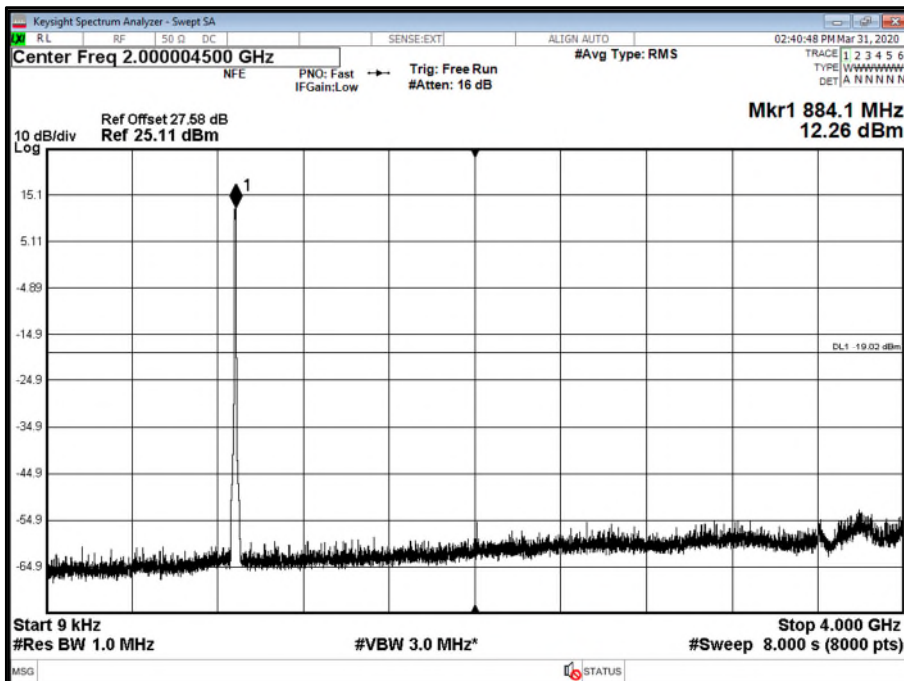


Product Service

Antenna C - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz



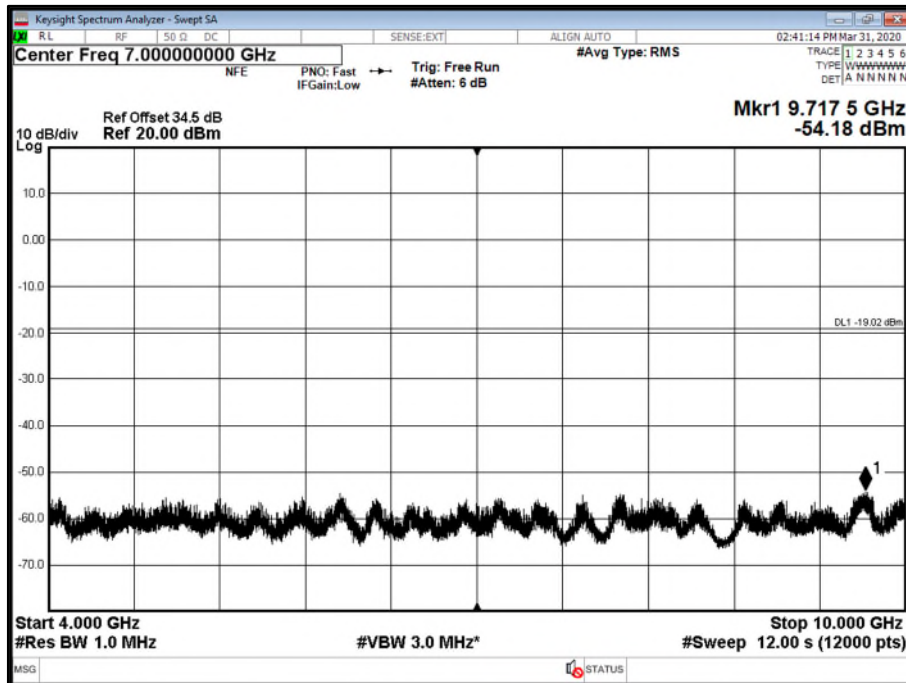
Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 1.00 - Range 0.009 to 4000 MHz





Product Service

Antenna D - NR Modulation QPSK - NR Carrier Bandwidth 5.0 + 5.0 MHz 15 kHz SCS - Channel Position M - Band 2.00 - Range 4000 to 12000 MHz





Product Service

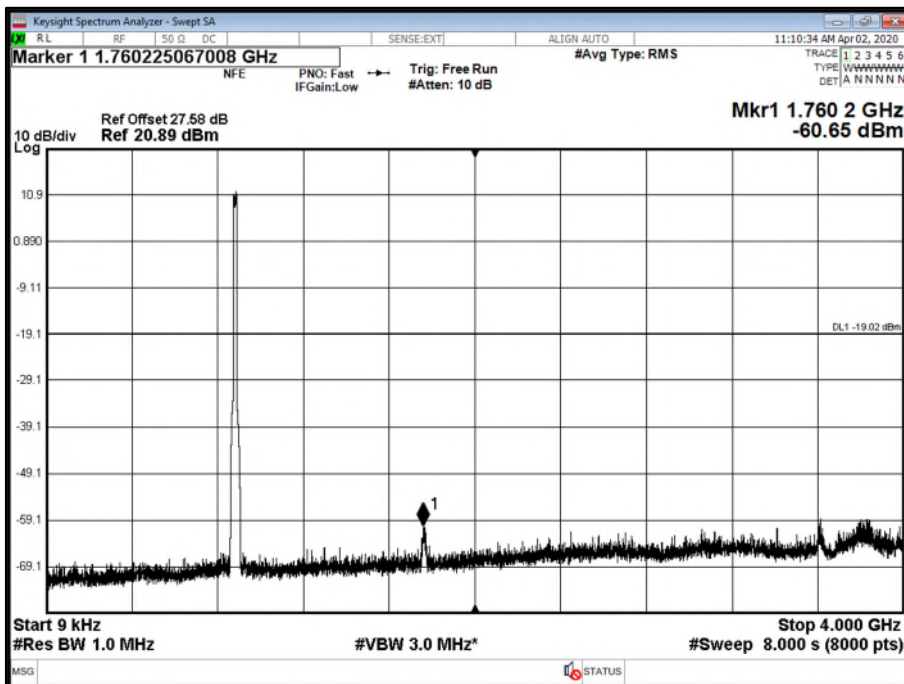
Configuration E

Maximum Output Power 17.0 dBm per port

Remarks

Worst case emissions Presented.

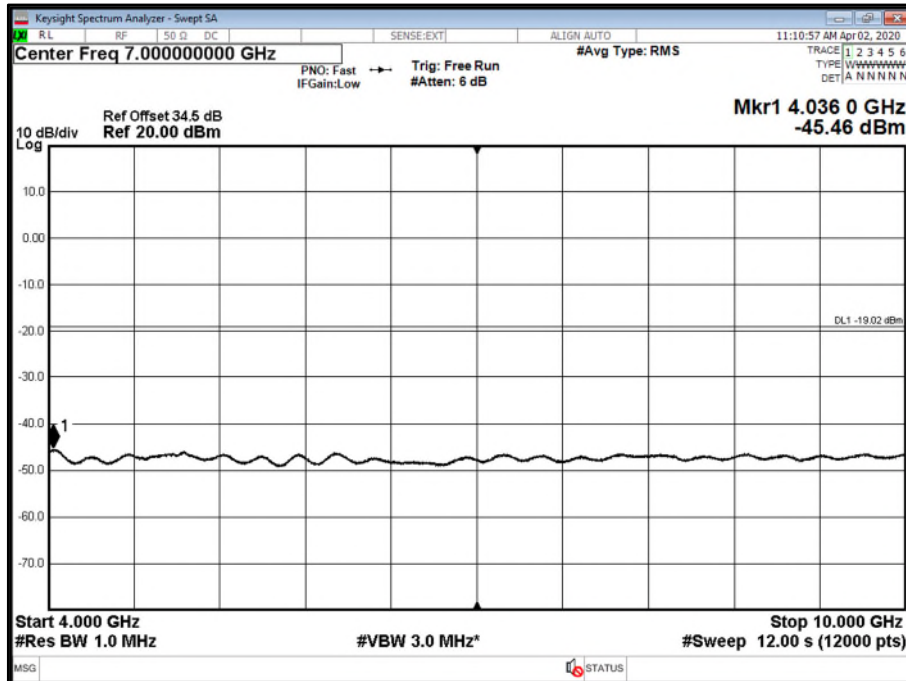
Antenna A - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 1.00 - Range 0.009 to 4000 MHz



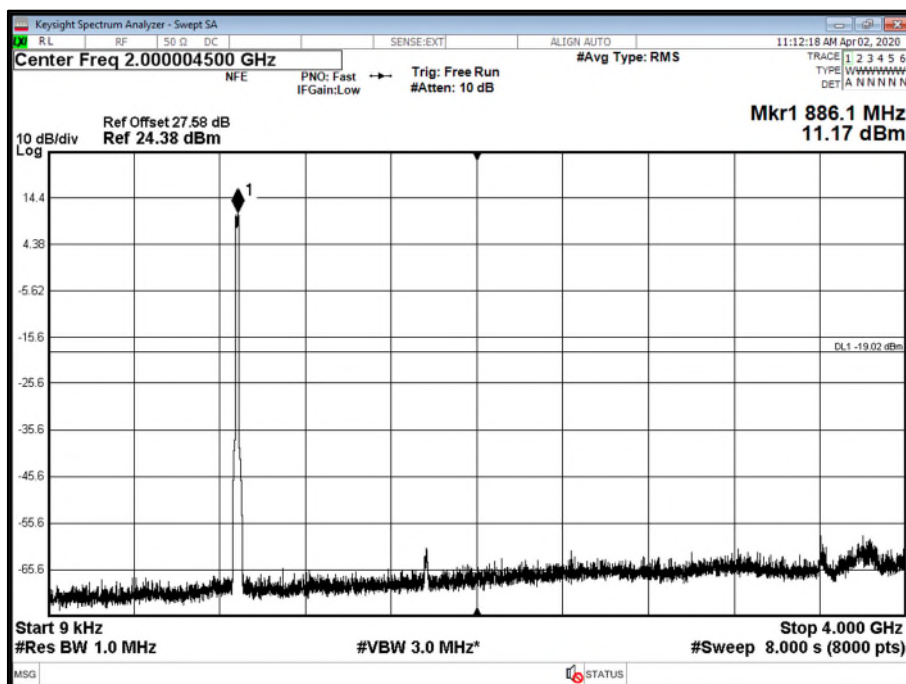


Product Service

Antenna A - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00 - Range 4000 to 12000 MHz



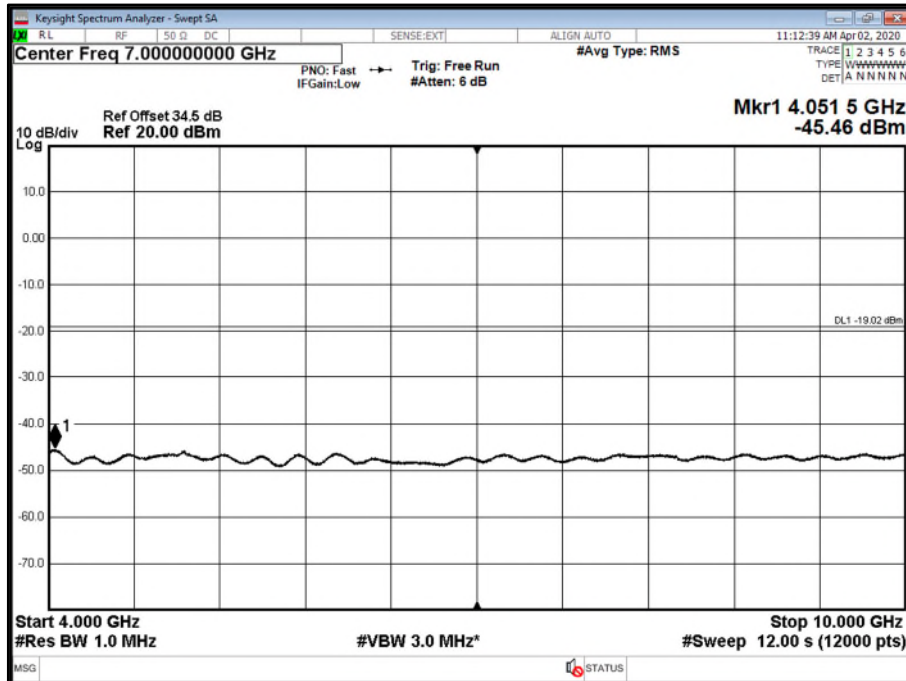
Antenna B - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 1.00 - Range 0.009 to 4000 MHz



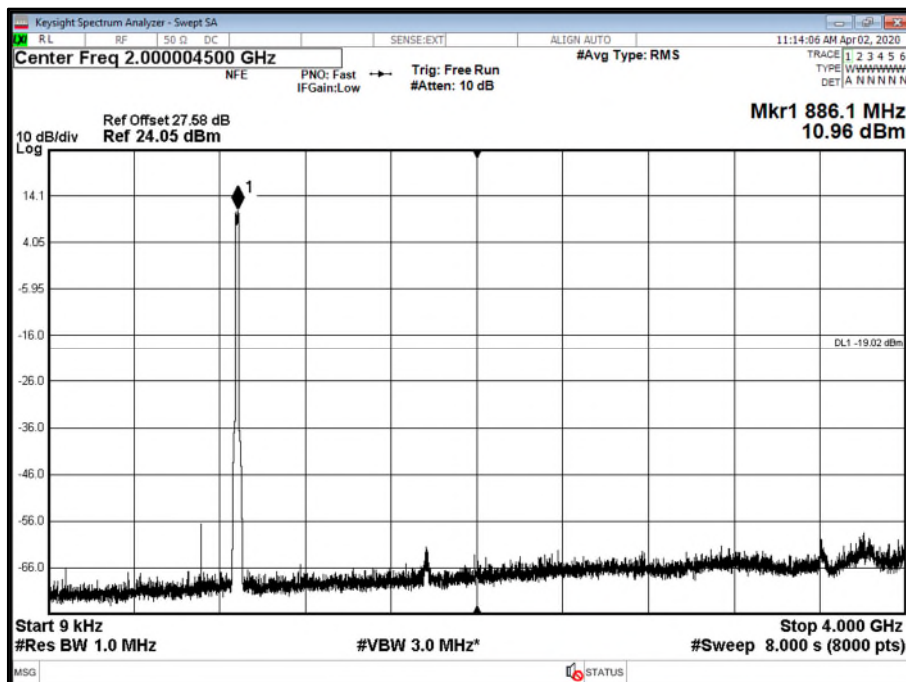


Product Service

Antenna B - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00 - Range 4000 to 12000 MHz



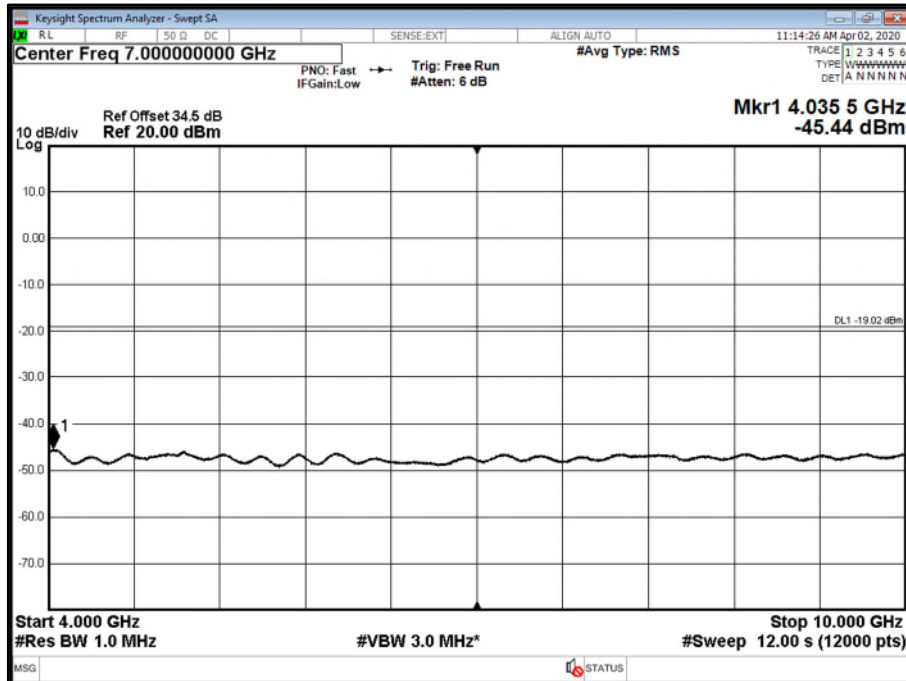
Antenna C - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 1.00 - Range 0.009 to 4000 MHz



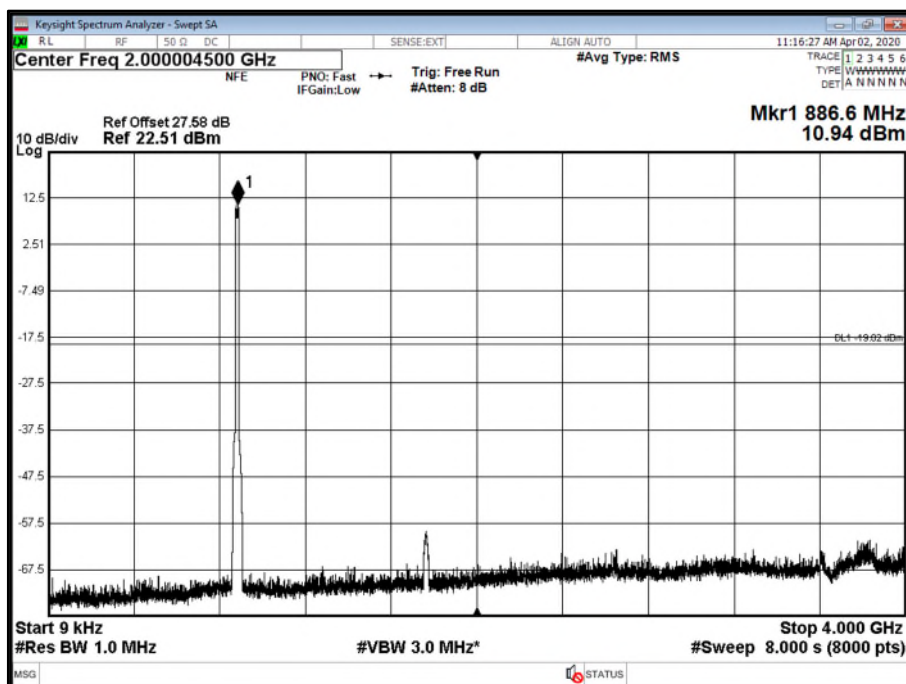


Product Service

Antenna C - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00 - Range 4000 to 12000 MHz



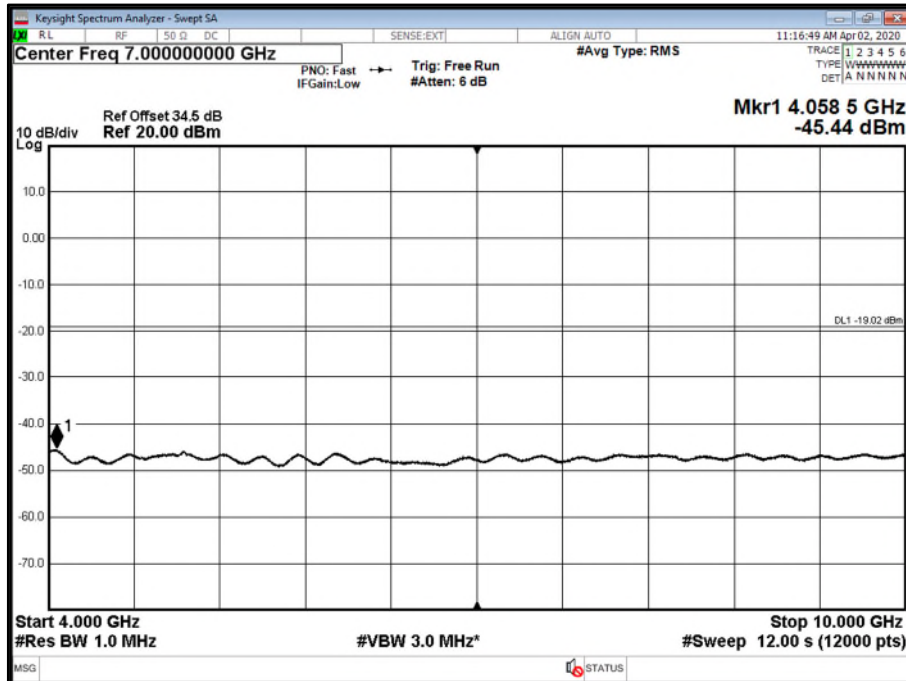
Antenna D - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 1.00 - Range 0.009 to 4000 MHz





Product Service

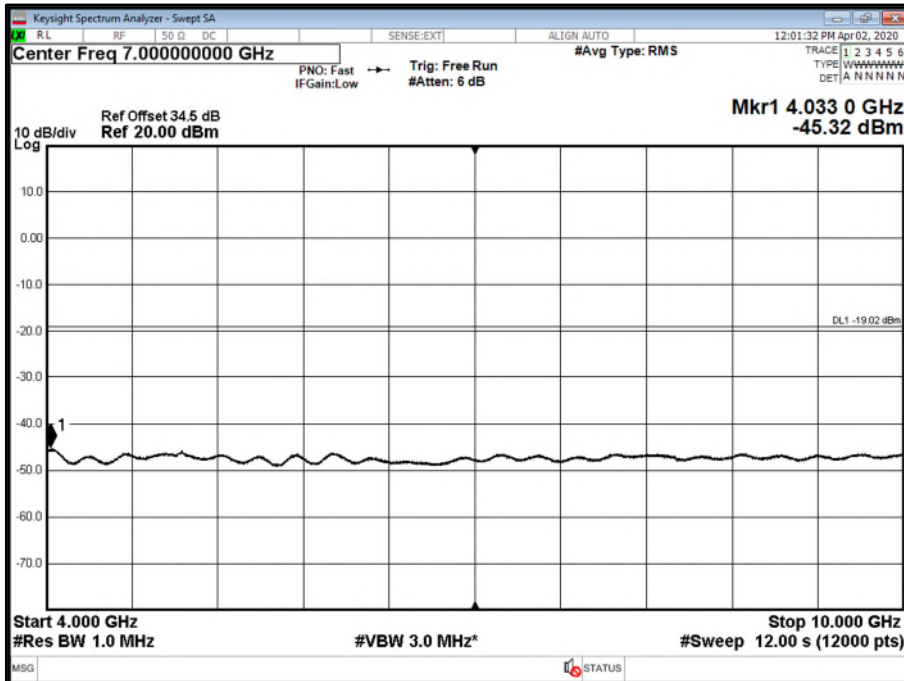
Antenna D - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 5.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00 - Range 4000 to 12000 MHz



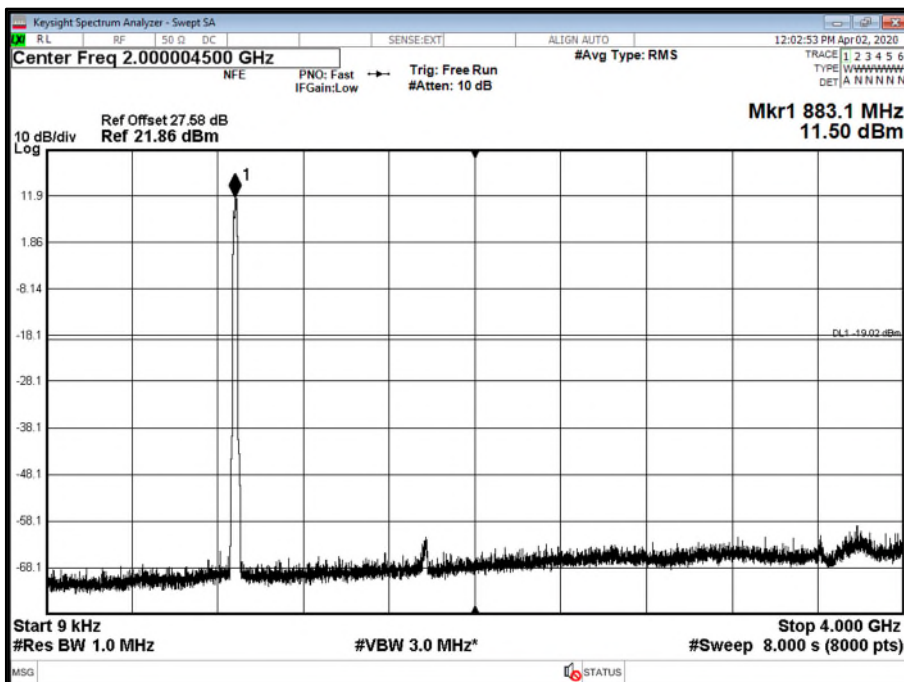


Product Service

Antenna A - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 10.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00 - Range 4000 to 12000 MHz



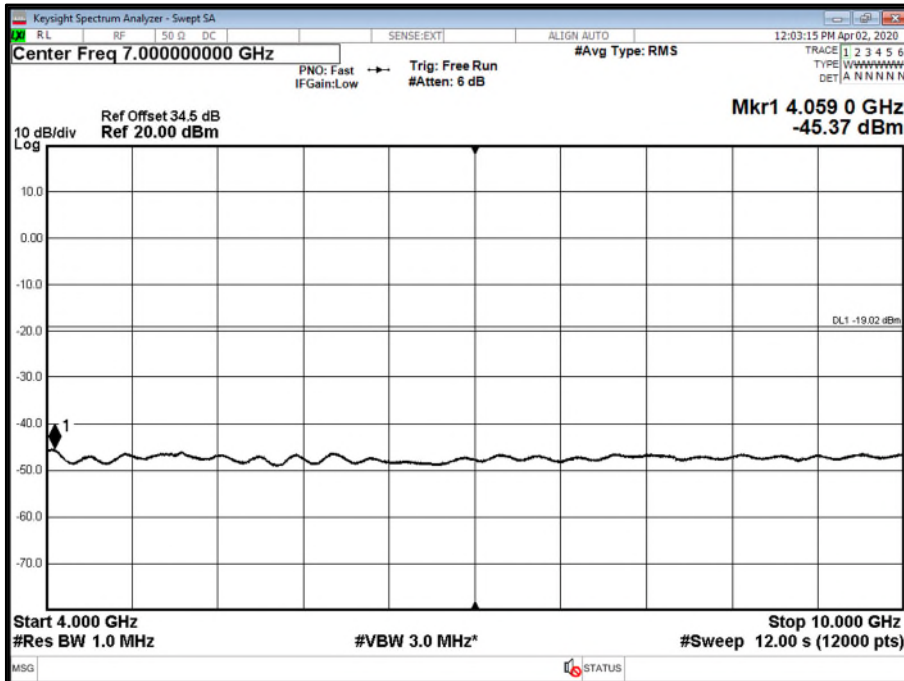
Antenna B - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 10.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 1.00 - Range 0.009 to 4000 MHz



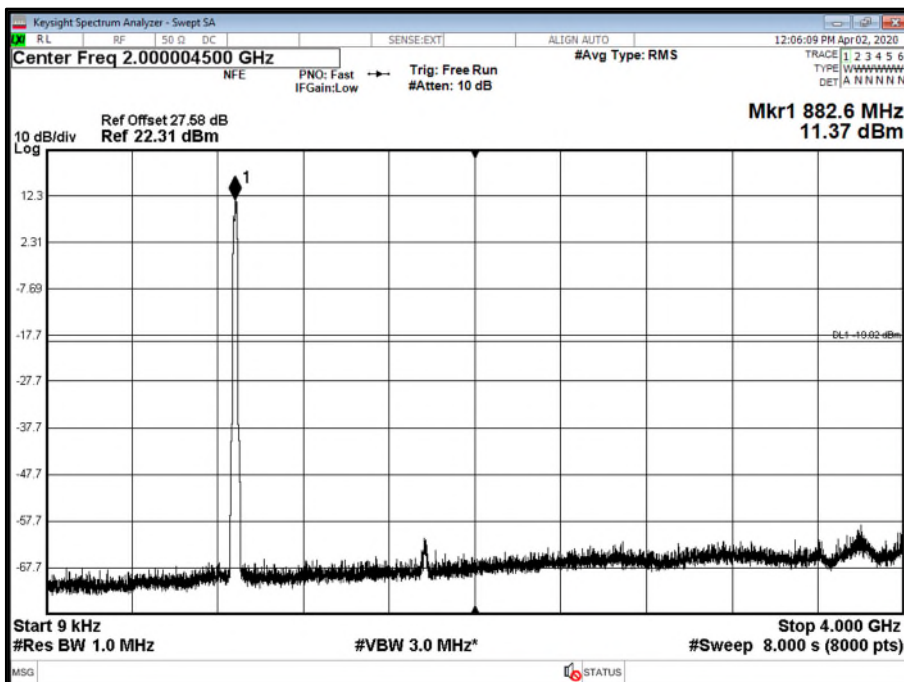


Product Service

Antenna B - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 10.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00 - Range 4000 to 12000 MHz



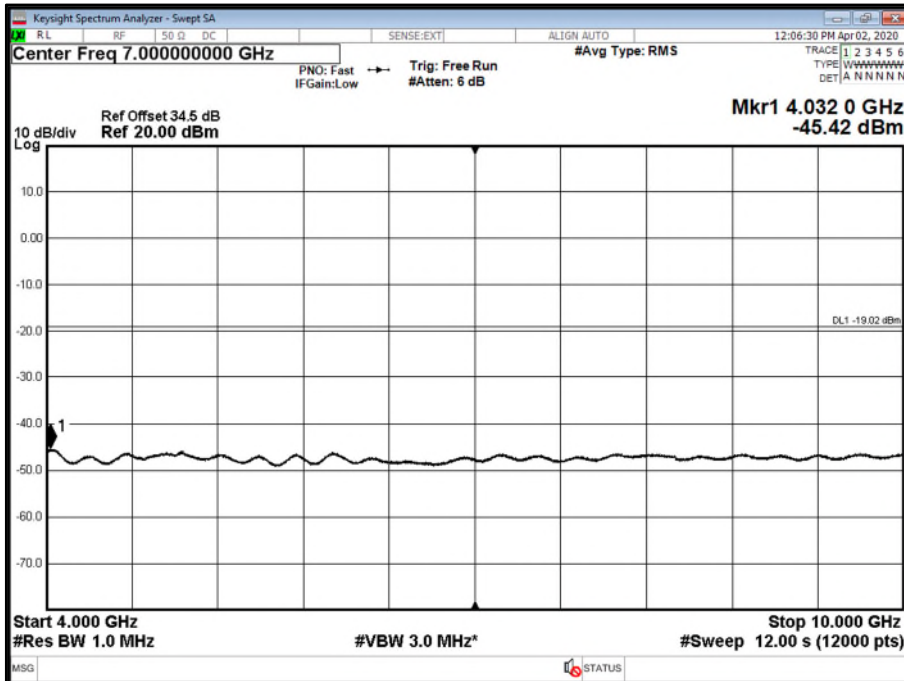
Antenna C - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 10.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 1.00 - Range 0.009 to 4000 MHz



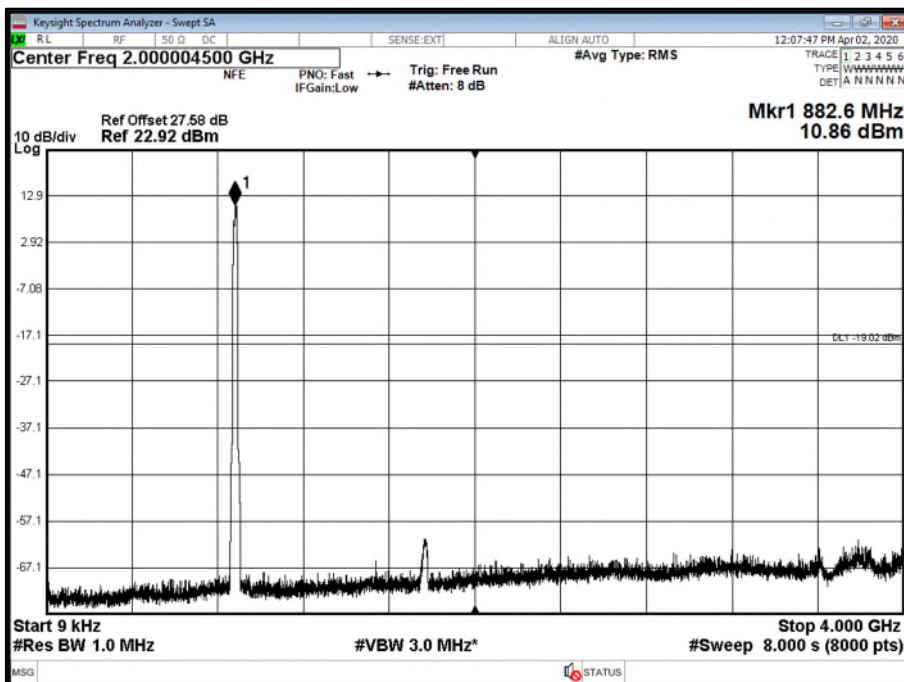


Product Service

Antenna C - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 10.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00 - Range 4000 to 12000 MHz



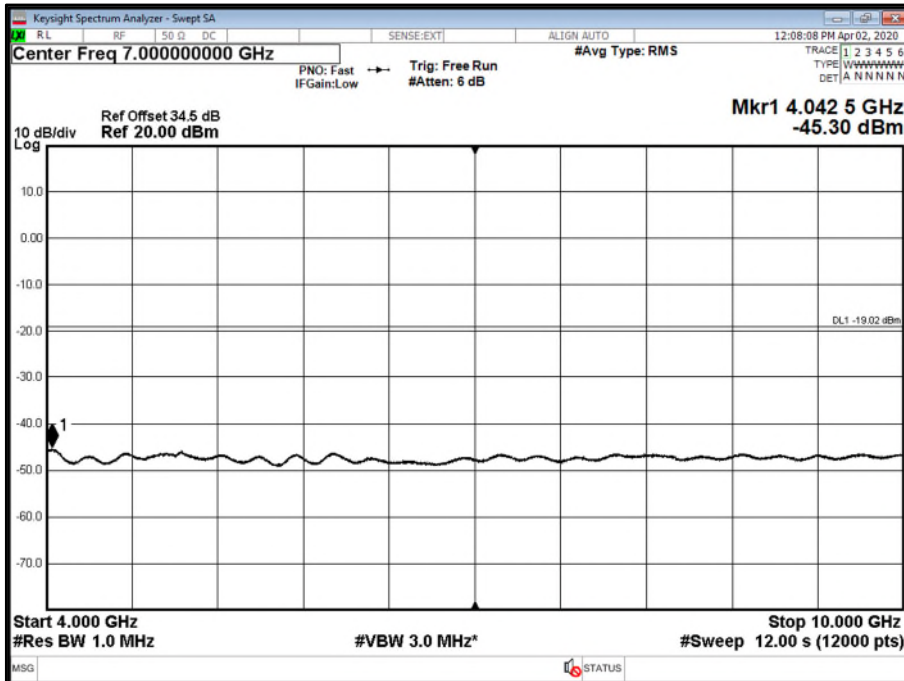
Antenna D - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth 10.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 1.00 - Range 0.009 to 4000 MHz





Product Service

Antenna D - LTE / NR Modulation QPSK / N:QPSK / N:QPSK - LTE / NR Carrier Bandwidth
10.0 MHz + 5.0 / 5.0 MHz 15 kHz SCS - Channel Position M<<SS>>RFBW<<SS>> - Band 2.00
- Range 4000 to 12000 MHz





Product Service

FCC PART 27

Configuration G

Maximum Output Power 17.0 dBm per port

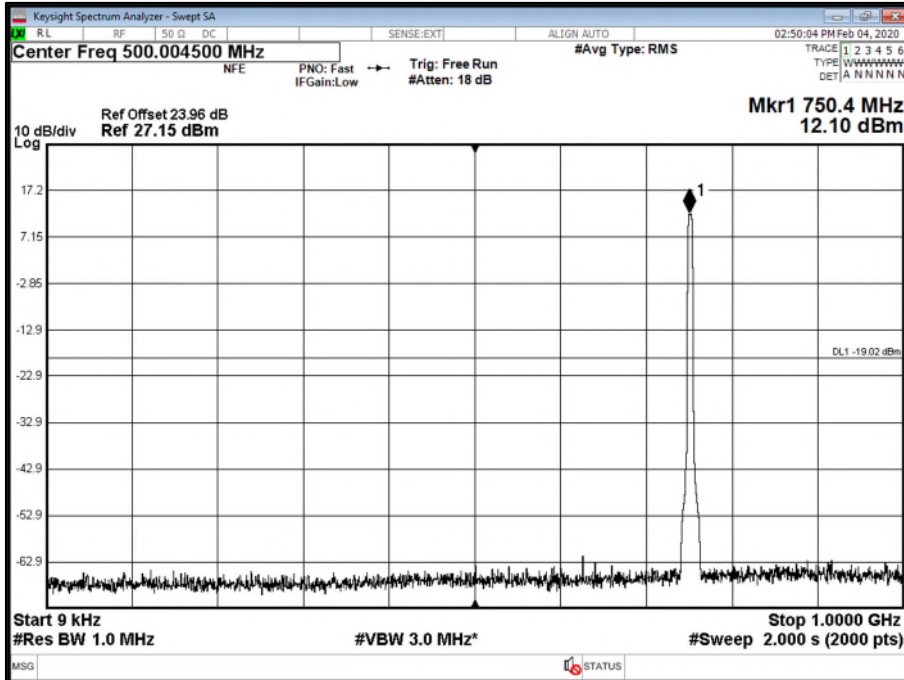
Remarks

All spurious emissions have been searched. Mid band data for transmitter port A has been presented as representative of transmitter performance worst case.

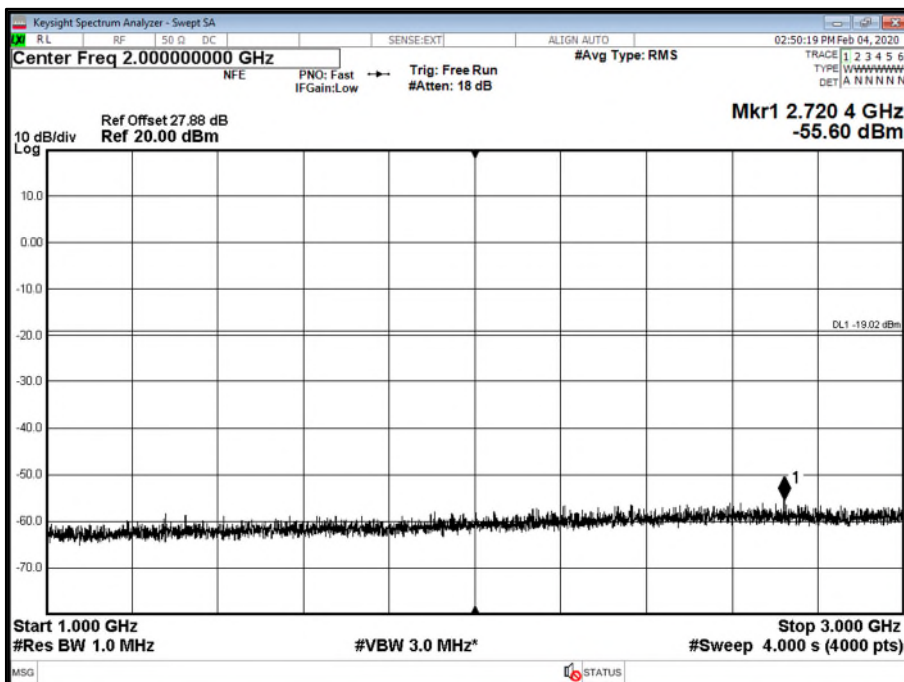


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 1.00 - Range 0.009 to 1000 MHz



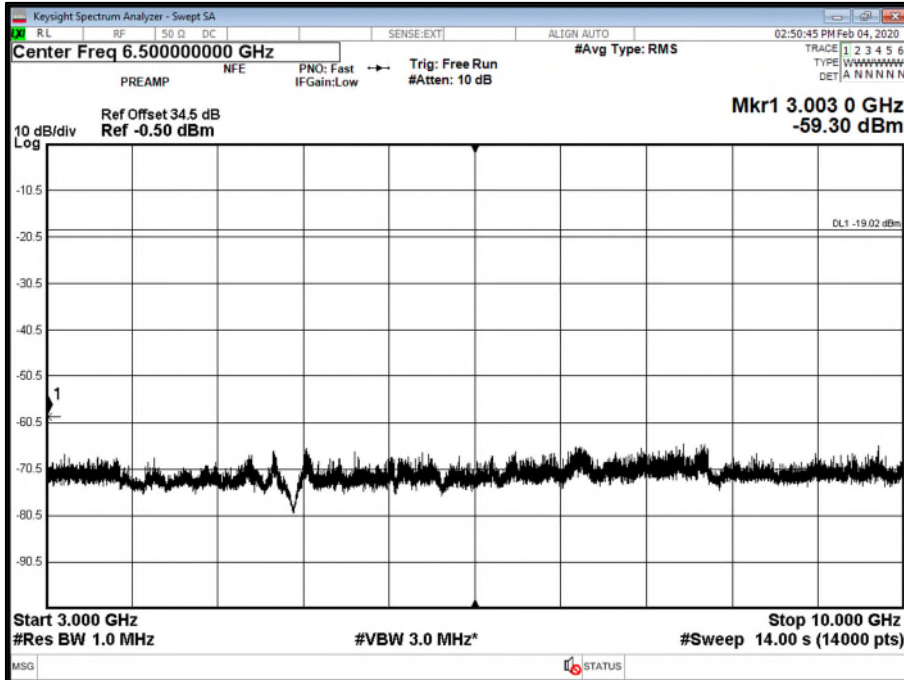
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 2.00 - Range 1000 to 3000 MHz



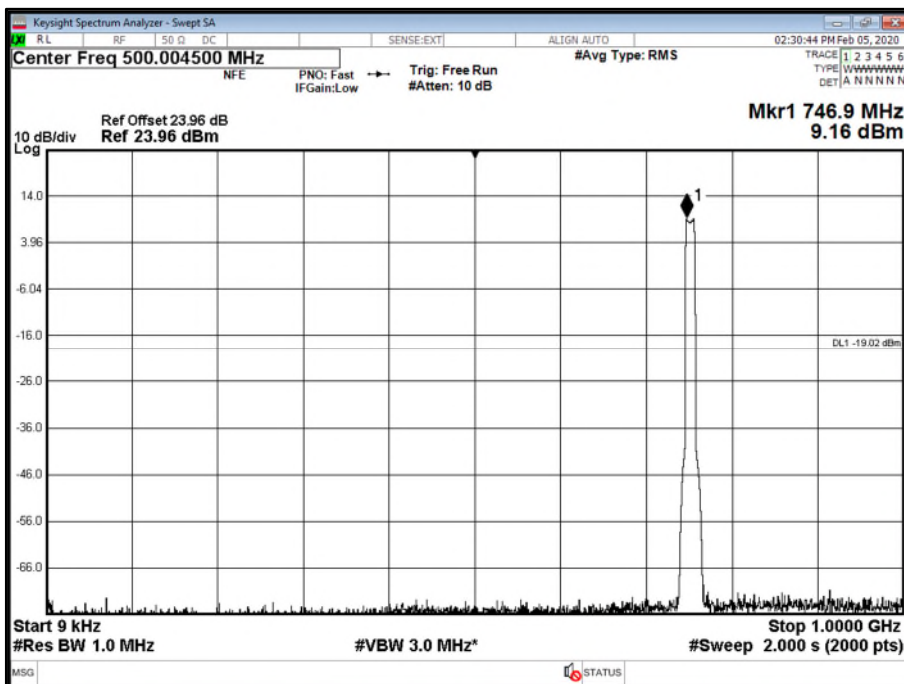


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 3.00 - Range 3000 to 10000 MHz



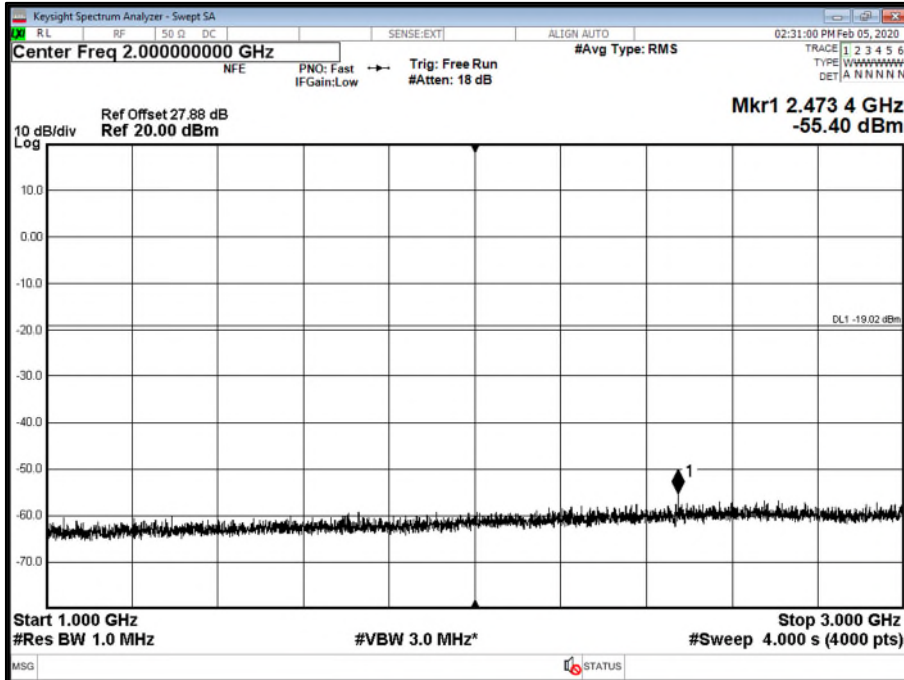
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 1.00 - Range 0.009 to 1000 MHz



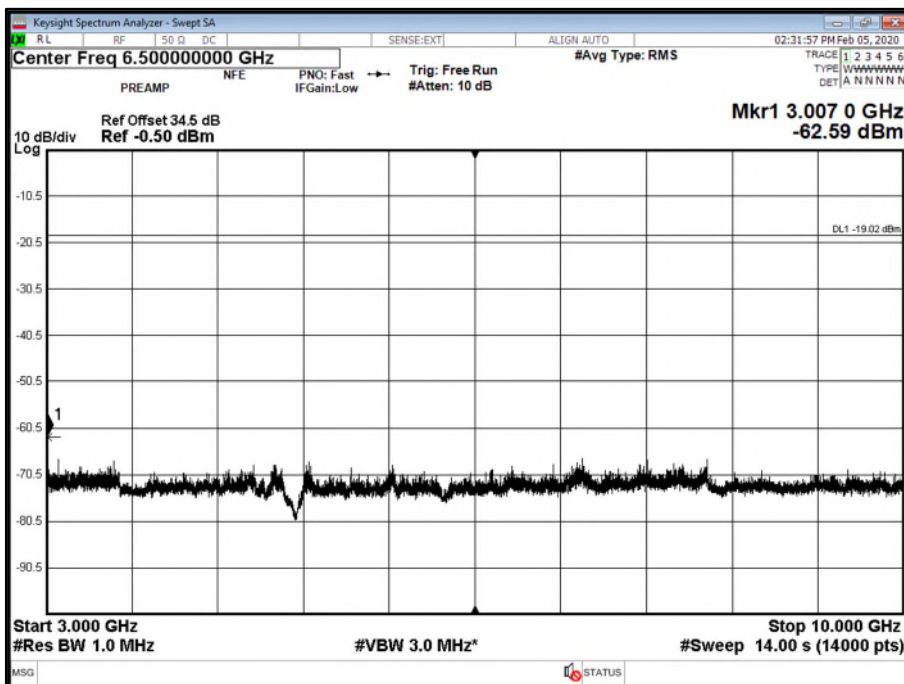


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 2.00 - Range 1000 to 3000 MHz



Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 3.00 - Range 3000 to 10000 MHz



Configuration H

Maximum Output Power 17.0 dBm per port



Product Service

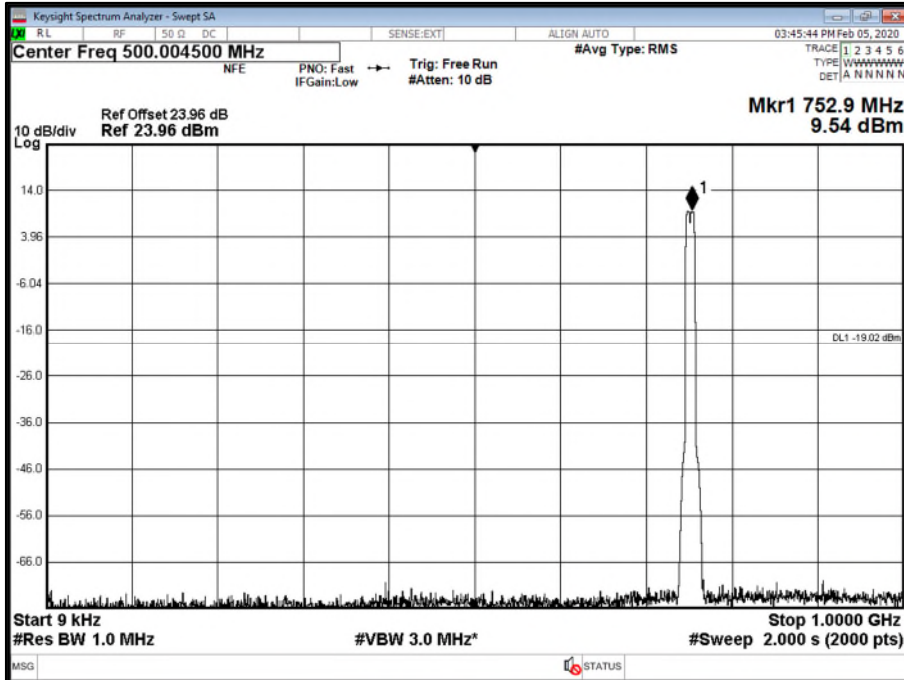
Remarks

All spurious emissions have been searched. Mid band data for transmitter port A has been presented as representative of transmitter performance worst case.

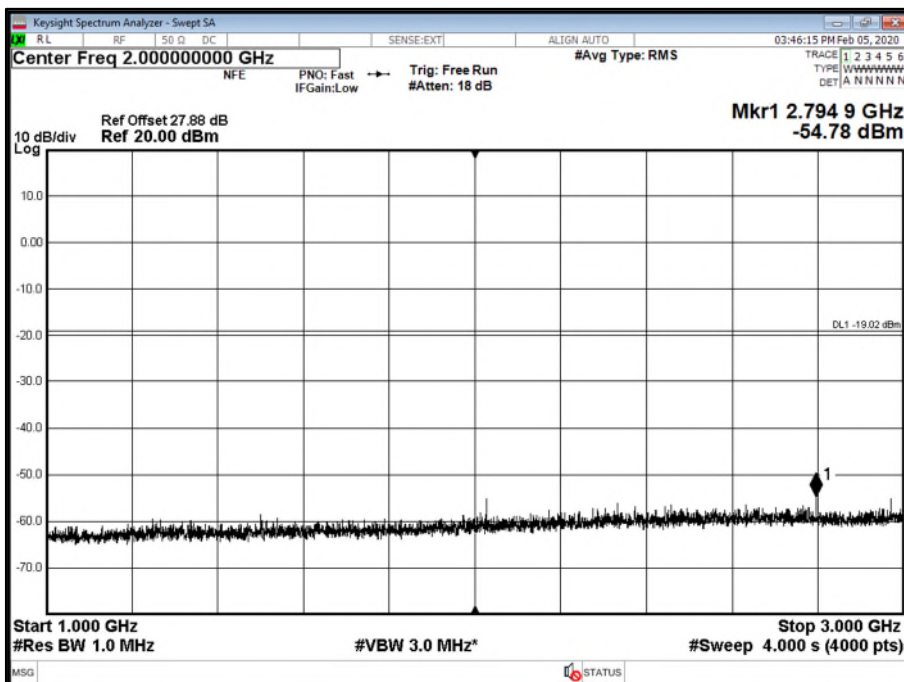


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 + 5.0 MHz - Channel Position M - Band 1.00 - Range 0.009 to 1000 MHz



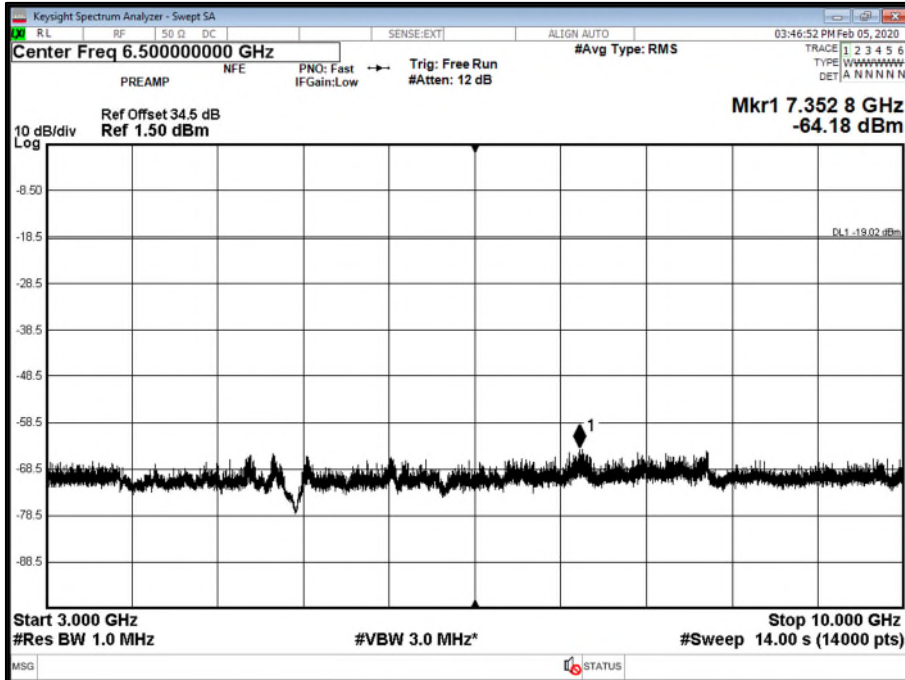
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 + 5.0 MHz - Channel Position M - Band 2.00 - Range 1000 to 3000 MHz





Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 + 5.0 MHz - Channel Position M - Band 3.00 - Range 3000 to 10000 MHz



Limit	-19dBm
-------	--------



2.5 FREQUENCY STABILITY

2.5.1 Specification Reference

FCC CFR 47 Part 2, Clause 2.1055

2.5.2 Date of Test and Modification State

- Modification State 0

2.5.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.5.4 Environmental Conditions

Ambient Temperature	20-23°C
Relative Humidity	40-45%

2.5.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01.

2.5.6 Test Results

FCC PART 22 & 27 (Worst case results presented)

Maximum Output Power 17.0 dBm per port

Temperature	Voltage	Frequency Error (Hz)
		Channel Position M
-30°C	-48.0 V DC	N/A
-20°C	-48.0 V DC	N/A
-10°C	-48.0 V DC	2.77
0°C	-48.0 V DC	-2.9
+10°C	-48.0 V DC	-2.34
+20°C	-40.5 V DC	1.8
+20°C	-48.0 V DC	1.3
+20°C	-57.5 V DC	1.9
+30°C	-48.0 V DC	2.2
+40°C	-48.0 V DC	2.25
+50°C	-48.0 V DC	2.61

Limit	±1.5 ppm or ±1.122 kHz
-------	------------------------



Product Service

SECTION 3

TEST EQUIPMENT USED



3.1 TEST EQUIPMENT USED

List of absolute measuring and other principal items of test equipment.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Due
Spectrum Analyser	Keysight	PXA N9030A	MY55410202	24	13-Sep-20
Signal Generator	R & S	SMB 100A	SSG013949	24	01-Apr-21
Digital MultiMeter	Fluke	115	SSG013271	24	10-Sep-20
Temperature / Humidity Meter	Omega	OM-CP-PRHTEMP2000	P44878	24	22-Oct-20
PSU	Xantrex	XKW60-50	E00109862		O/P Mon
Attenuator (10dB)	Mini-Circuits	BW-K10-2W44+	-		O/P Mon
RF Switch Unit	Ericsson	RARFSW 4x1	1		O/P Mon
Switching Control Unit	Hewlett Packard	11713A	3748A060876		O/P Mon

N/A – Not Applicable

O/P Mon – Output Monitored with Calibrated Equipment

N/A – Not Applicable

O/P Mon – Output Monitored with Calibrated Equipment



Product Service

3.2 MEASUREMENT UNCERTAINTY

For a 95% confidence level, the measurement uncertainties for defined systems are:-

Test Discipline	Frequency / Parameter	MU	
Conducted Maximum Peak Output Power	30 MHz to 20 GHz Amplitude	± 0.7 dB	
Conducted Emissions	30 MHz to 20 GHz Amplitude	± 2.1 dB	
Frequency Stability	30 MHz to 2 GHz	± 5.0 Hz	
Occupied Bandwidth	Up to 20 MHz Bandwidth	5 MHz Bandwidth	± 11547 Hz
		10 MHz Bandwidth	± 23094 Hz
		15 MHz Bandwidth	± 34641 Hz
		20 MHz Bandwidth	± 46188 Hz
Band Edge	30 MHz to 20 GHz Amplitude	± 0.8 dB	

Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2007, clause 4.4.3 and 4.5.1.



Product Service

SECTION 5

ACCREDITATION, DISCLAIMERS AND COPYRIGHT



Product Service

4.1 ACCREDITATION, DISCLAIMERS AND COPYRIGHT



This report relates only to the actual item/items tested.

This report does not imply product endorsement by any government, accreditation agency, or TÜV SÜD Canada Inc.

Opinions or interpretations expressed in this report, if any, are outside the scope of TÜV SÜD Canada Inc. accreditations. Any opinions expressed do not necessarily reflect the opinions of TÜV SÜD Canada Inc., unless otherwise stated.

© 2020 TÜV SÜD



Product Service

ANNEX A

MODULE LIST For LTE only tests

Configuration			
Product	Product No	R-State	Serial No
CT11	LPC 102 494/1	R2A	T01G495060
LPRU 4410 B5B13	KRC 161 887/1	R1A	TD3F056933
Software Version:	CXP 901 3268/17	Revision:	R80DD

For NR and NR+LTE tests

Configuration			
Product	Product No	R-State	Serial No
CT11	LPC 102 494/1	R2A	T01G495060
LPRU 4410 B5B13	KRC 161 887/1	R1A	TD3F057135
Software Version:	CXP 901 3268/17	Revision:	R82DD