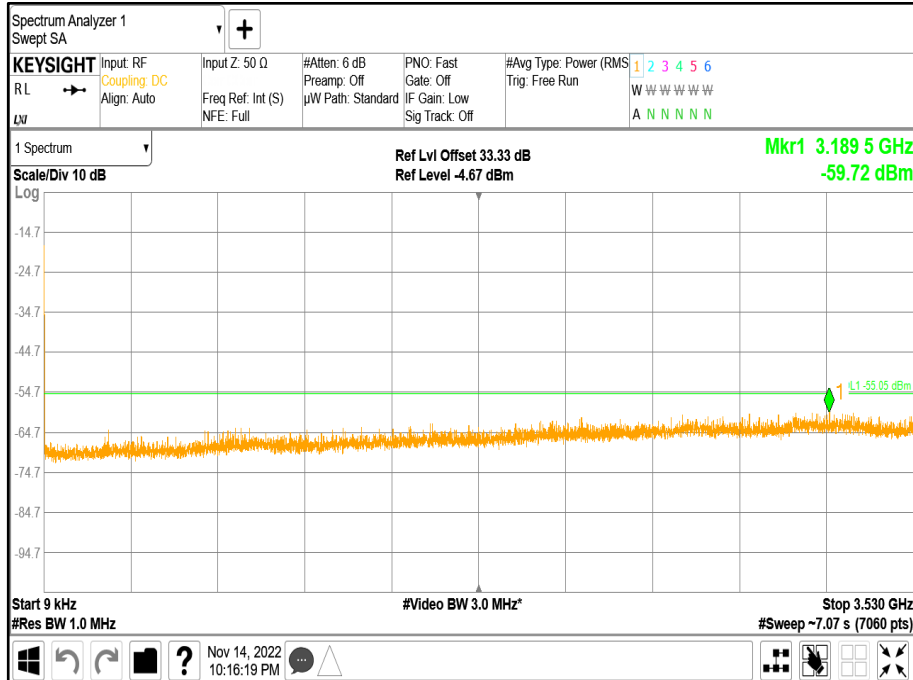
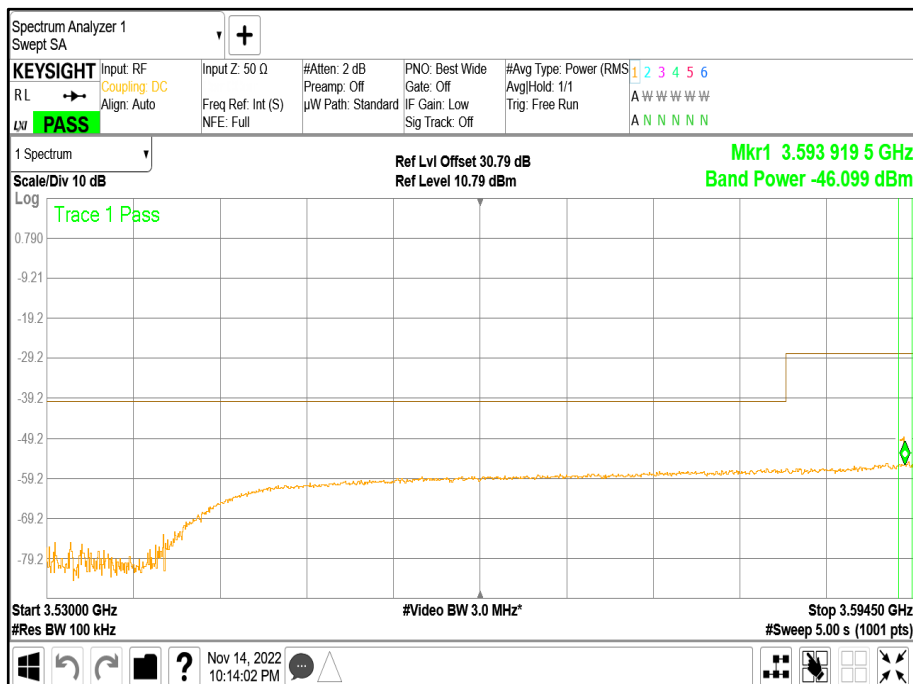




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

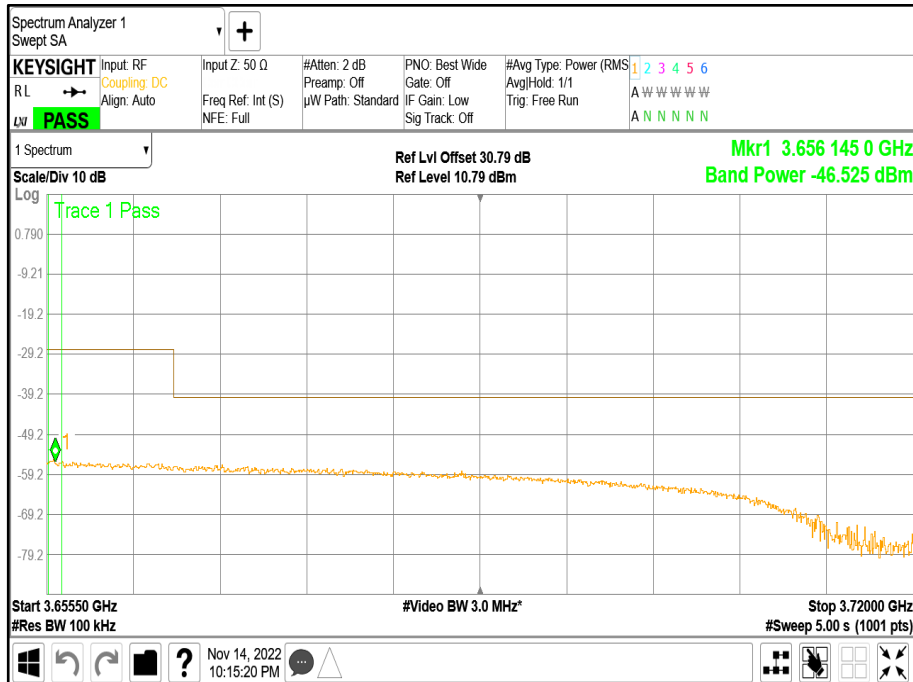


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low





Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High



Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

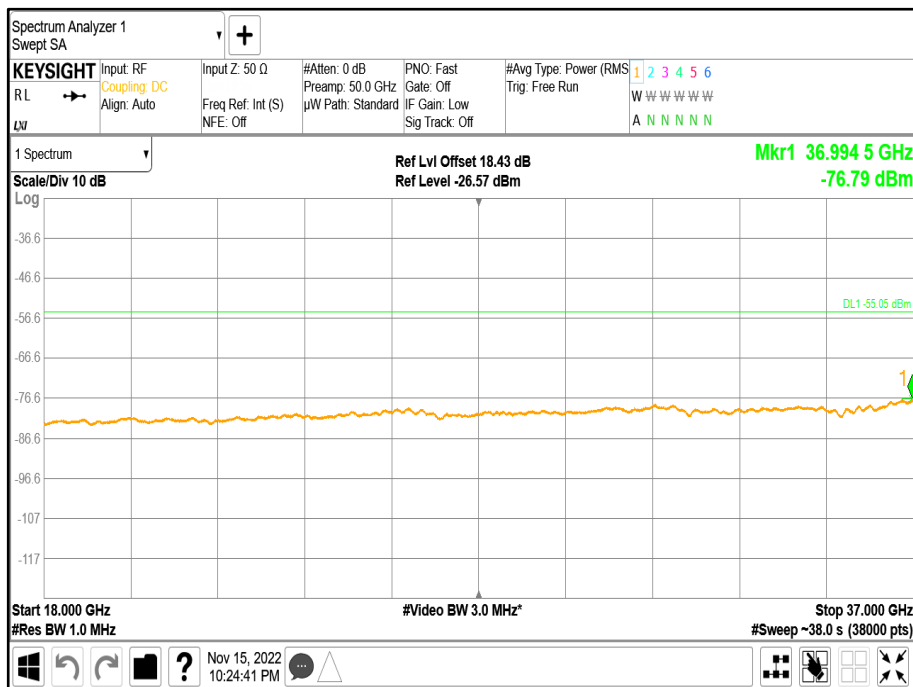




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 6000 to 18000 MHz

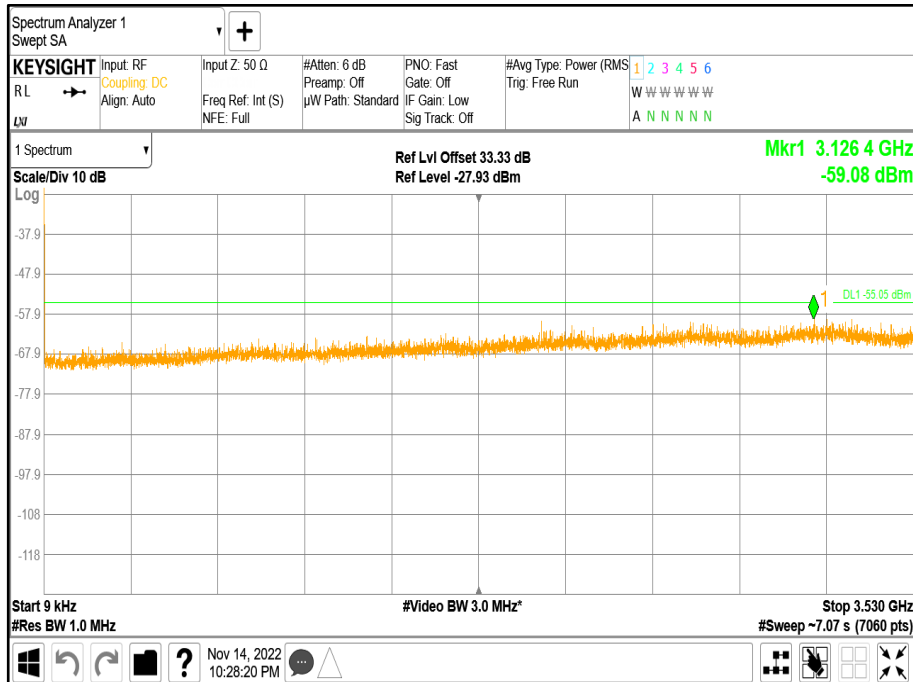


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz

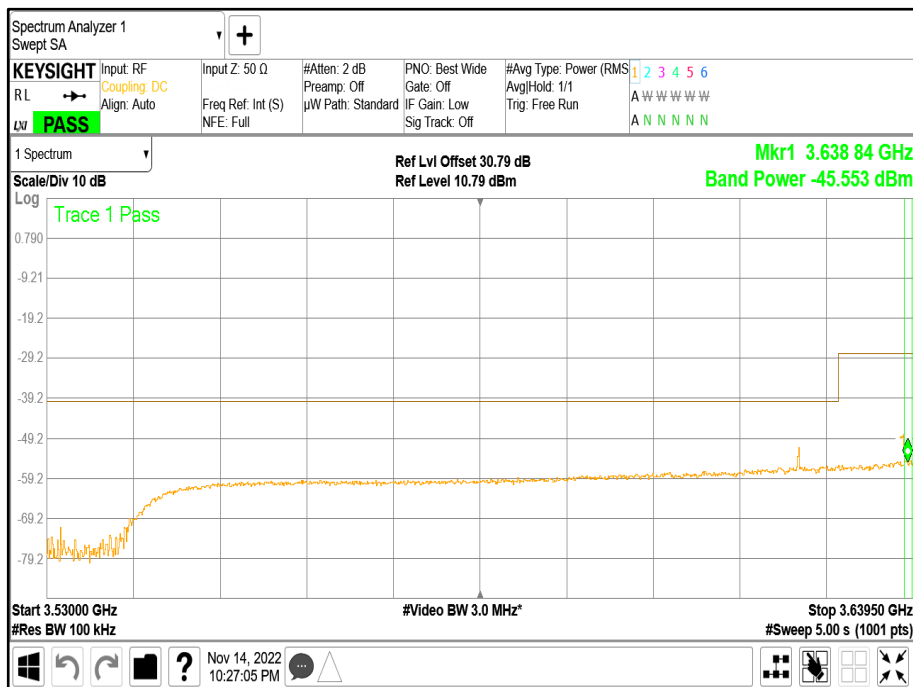




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 0.009 to 3530 MHz

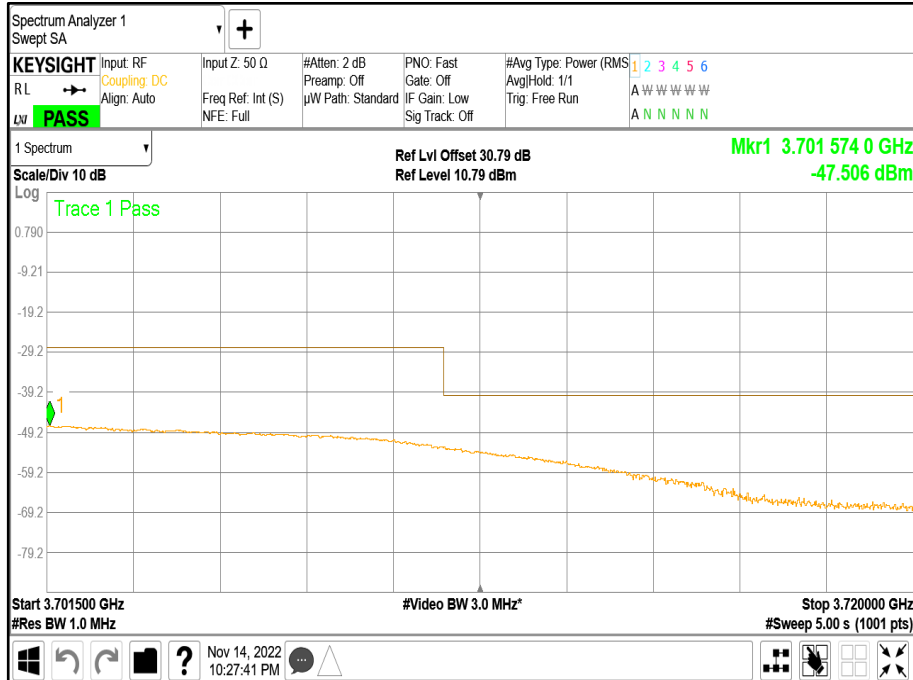


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

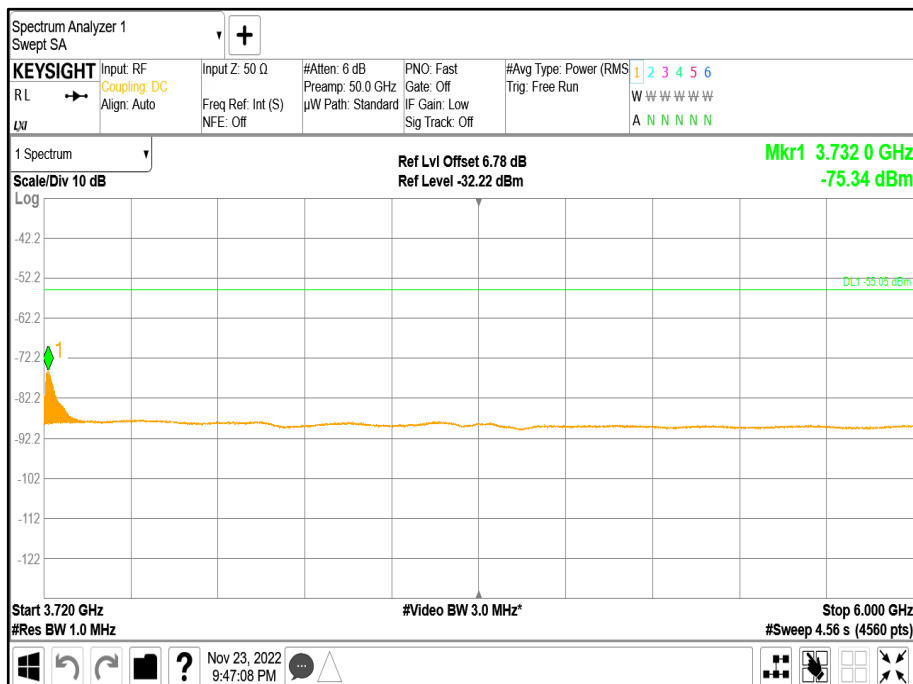




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band Mask High - Range 3530 to 3720 MHz - Mask High



Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3720 to 6000 MHz

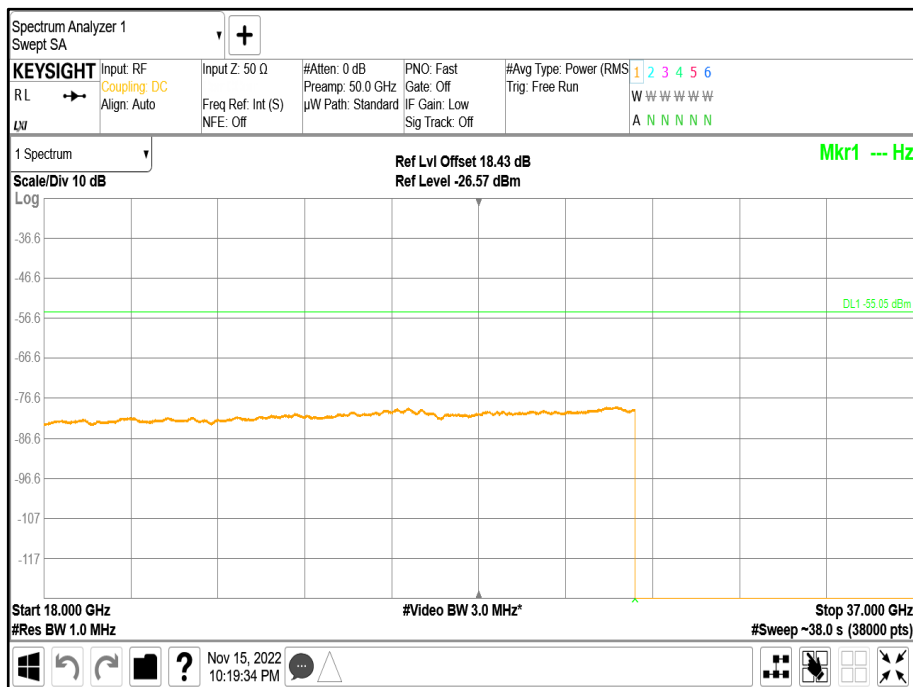




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 6000 to 18000 MHz

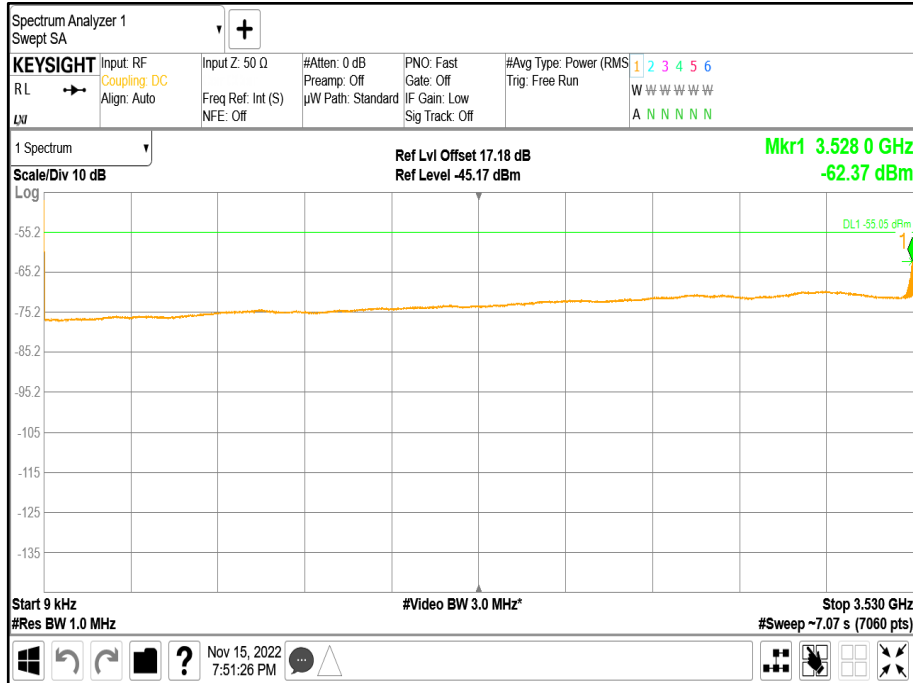


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 37000 MHz

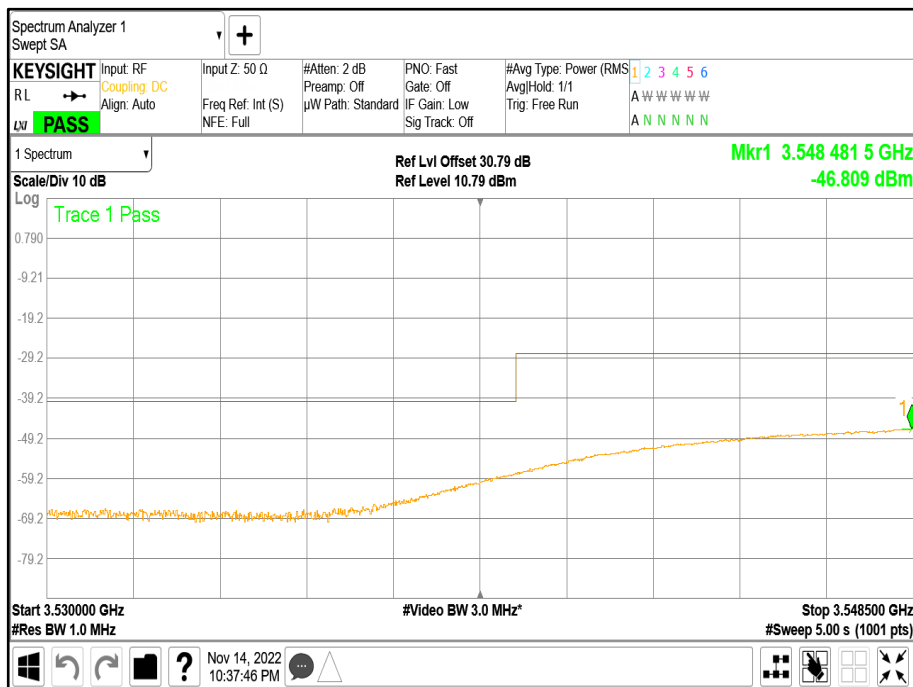




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 0.009 to 3530 MHz

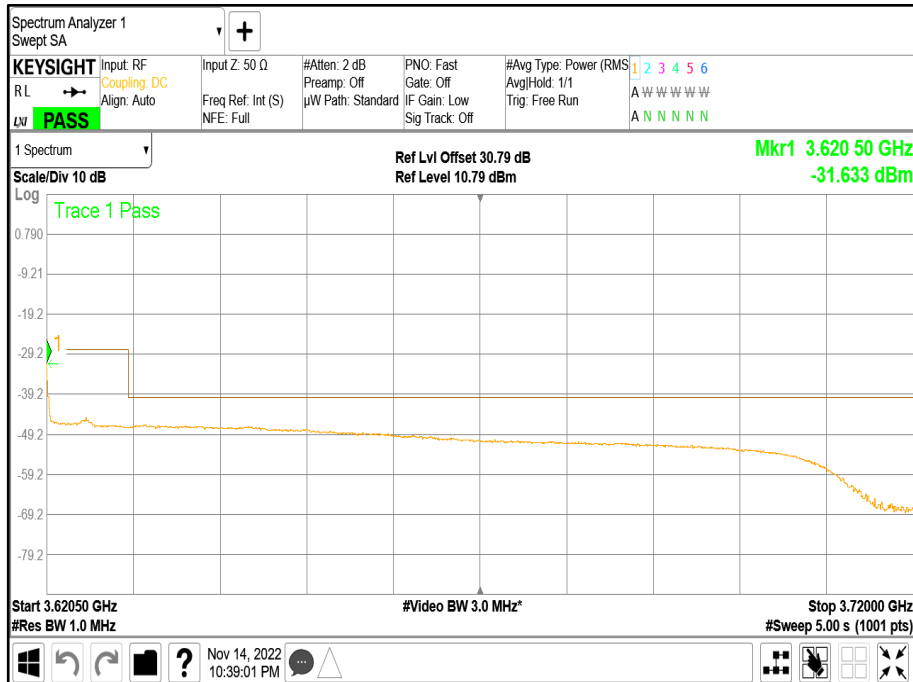


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position B - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

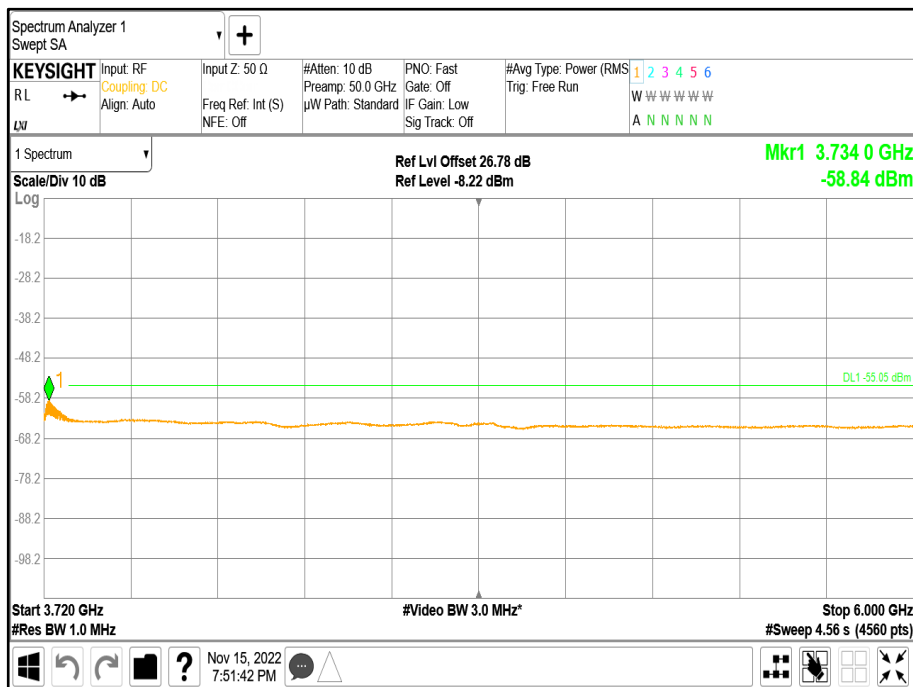




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position B - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High



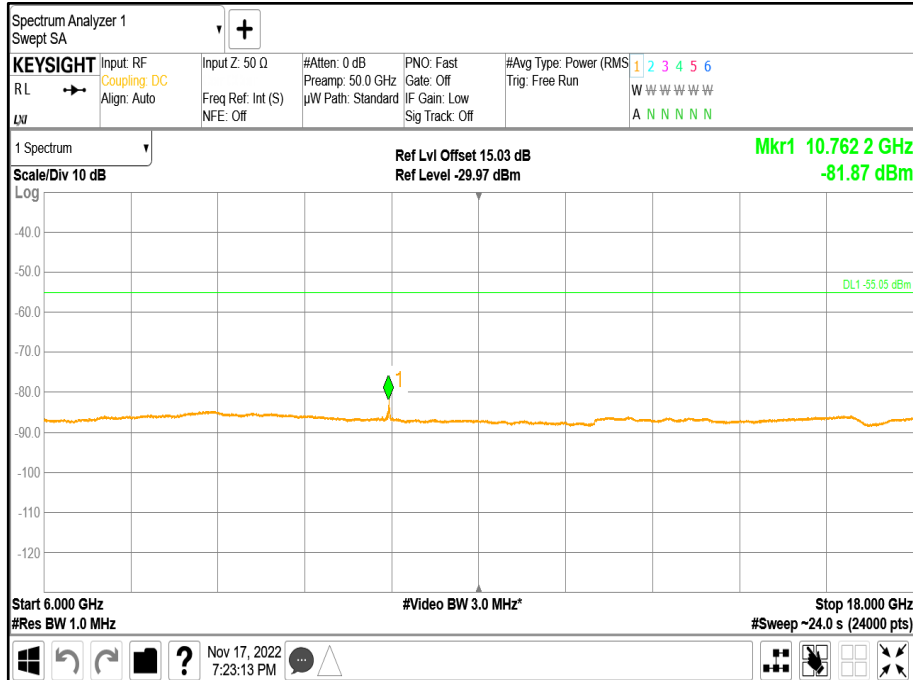
Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3720 to 6000 MHz



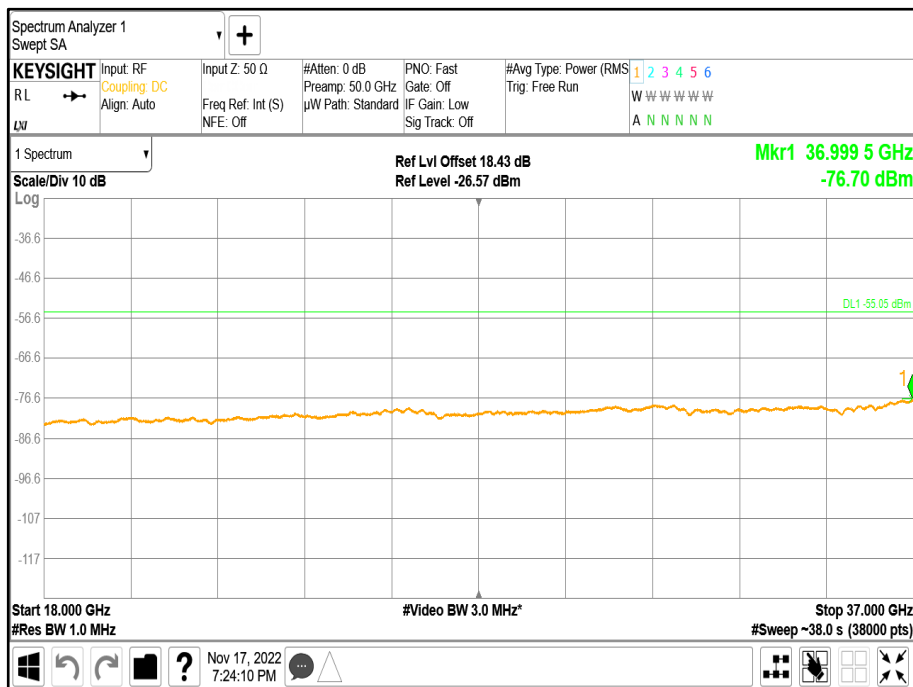




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 6000 to 18000 MHz



Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 37000 MHz

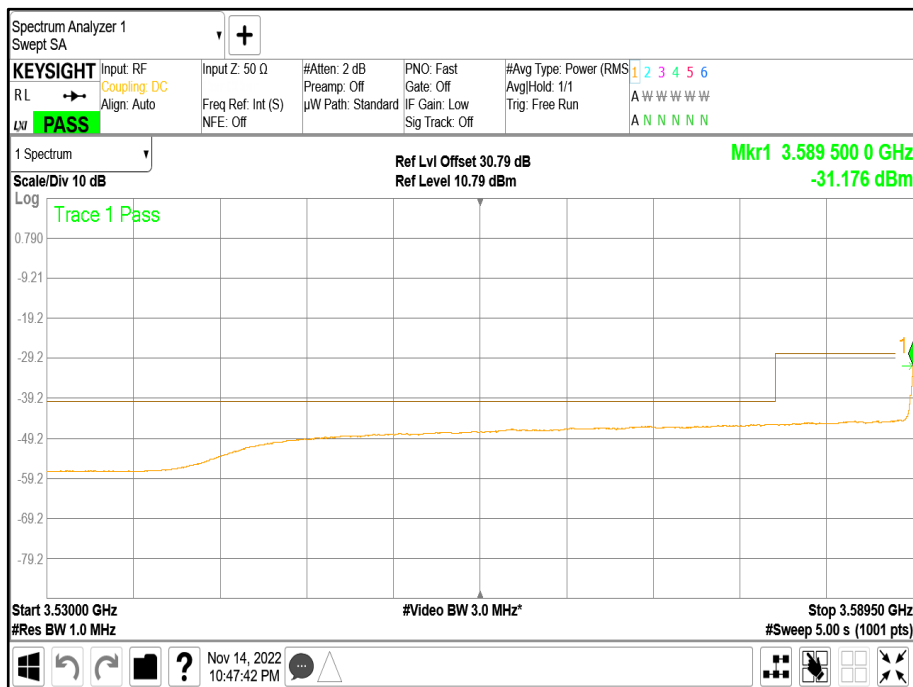




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

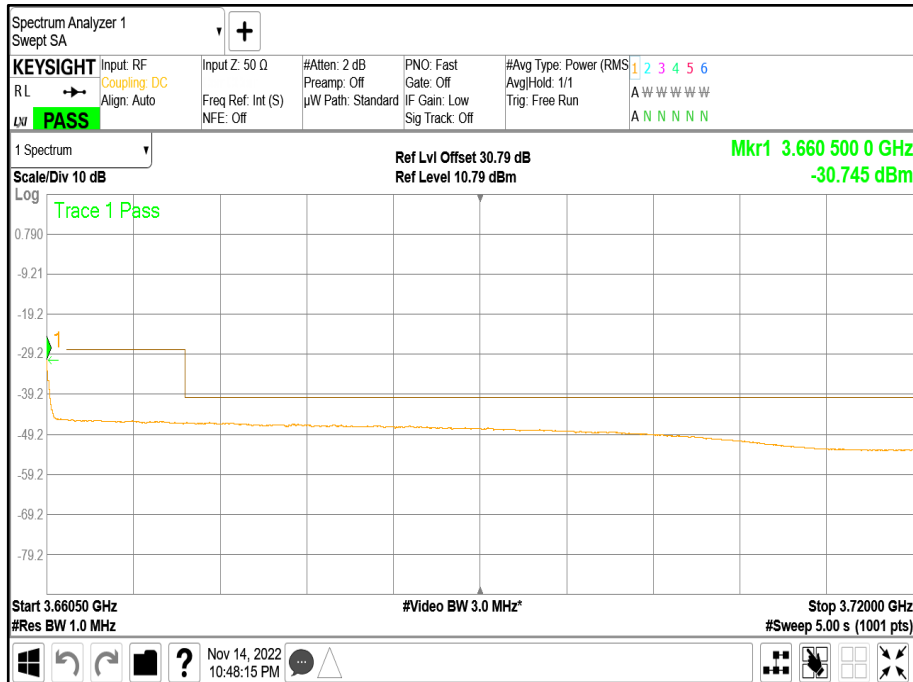


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

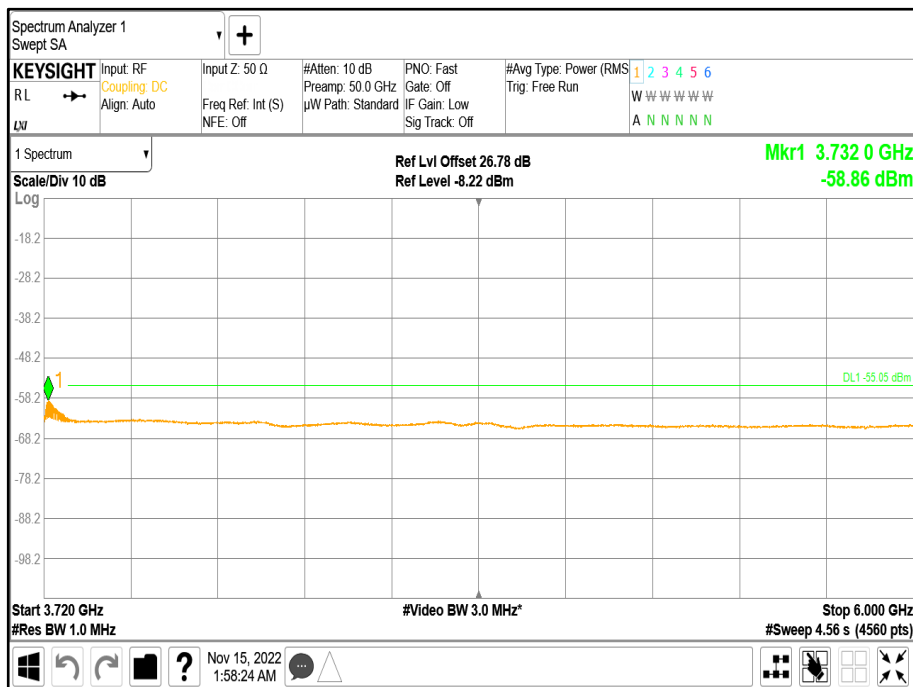




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High

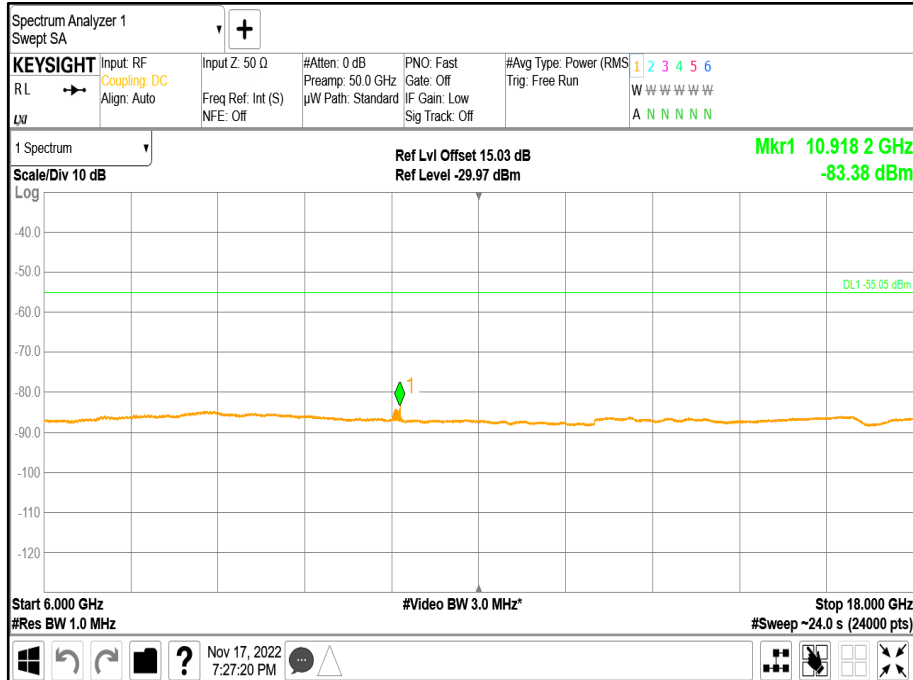


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

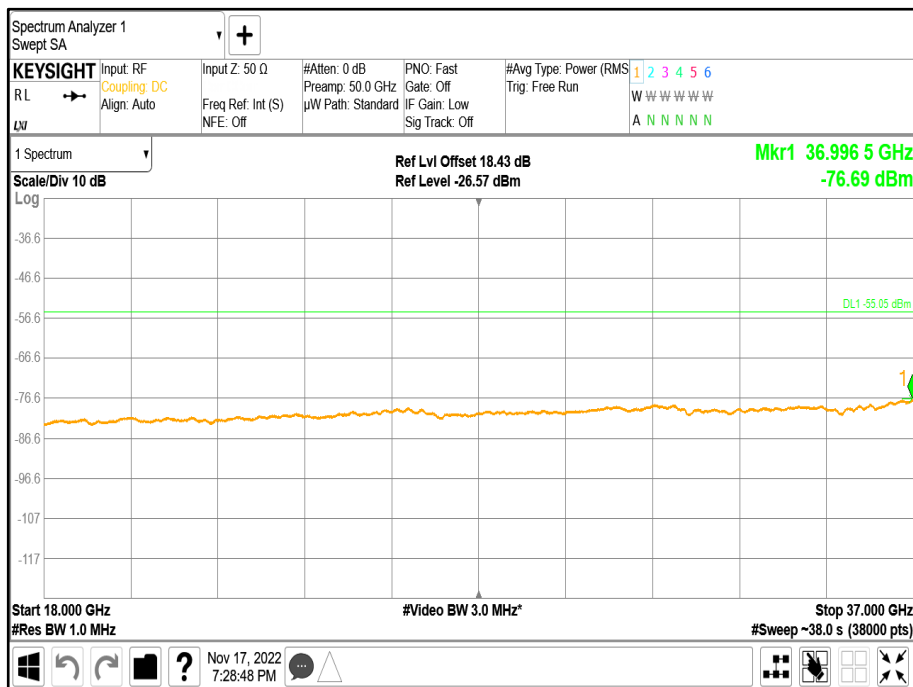




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 6000 to 18000 MHz

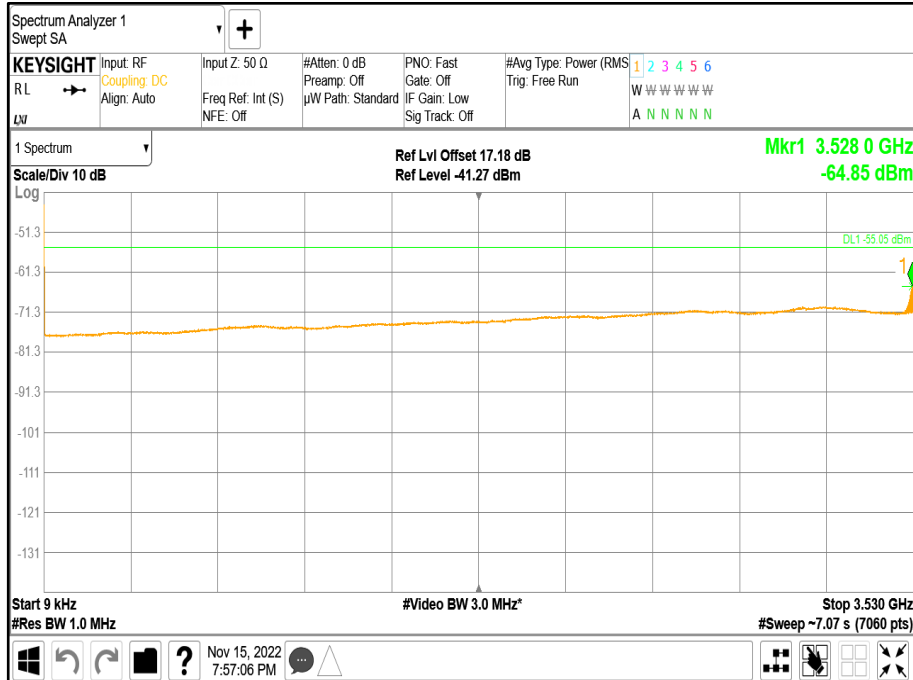


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz

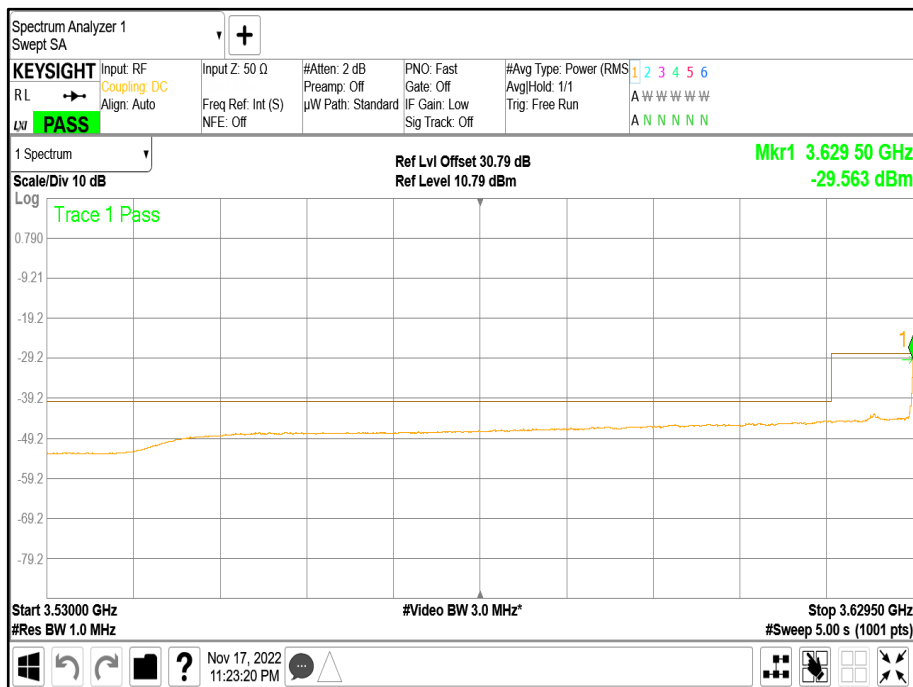




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 0.009 to 3530 MHz

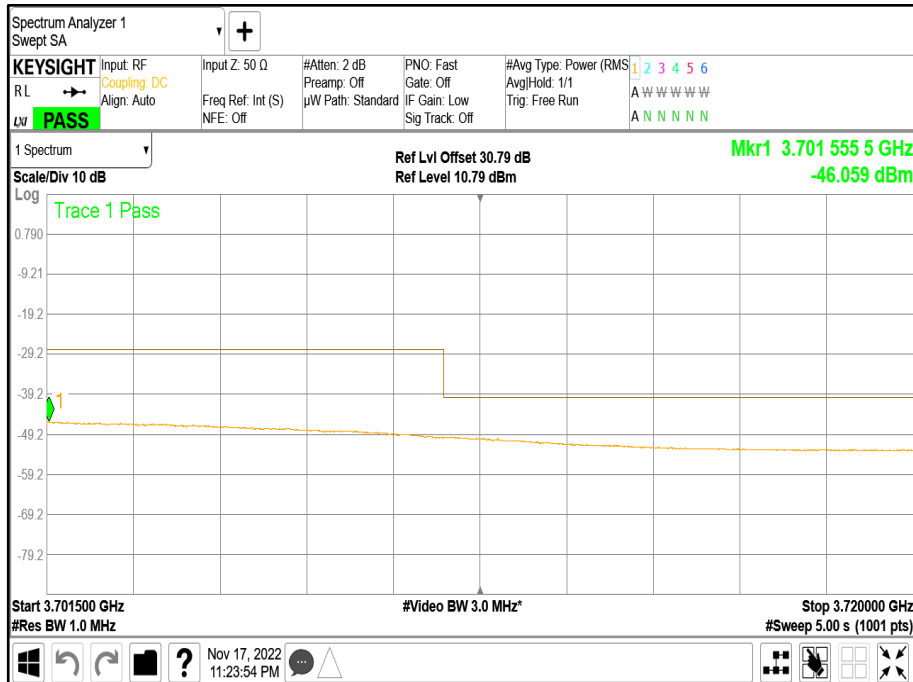


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

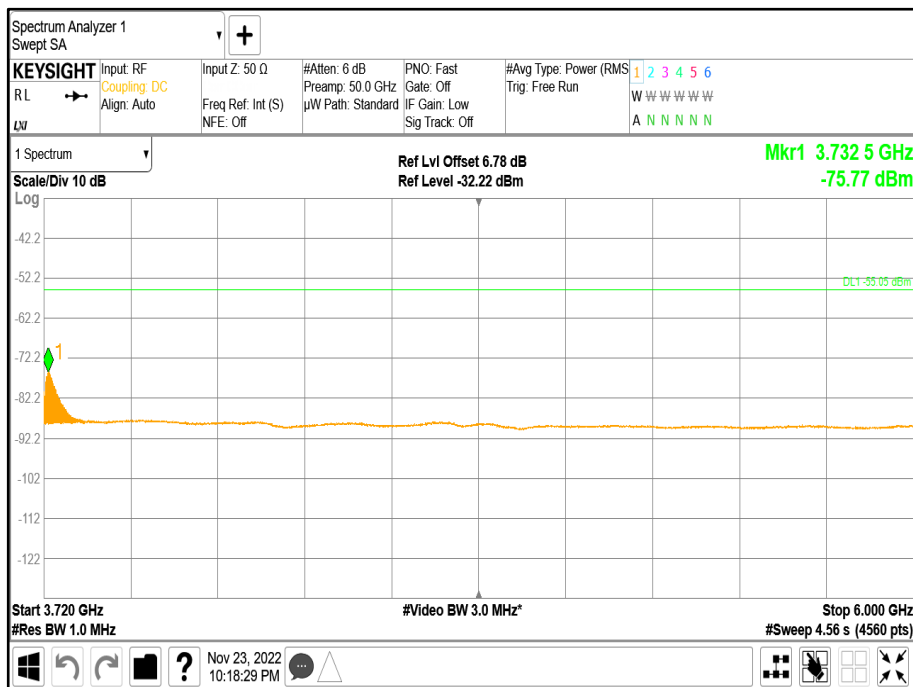




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T - Band Mask High - Range 3530 to 3720 MHz - Mask High

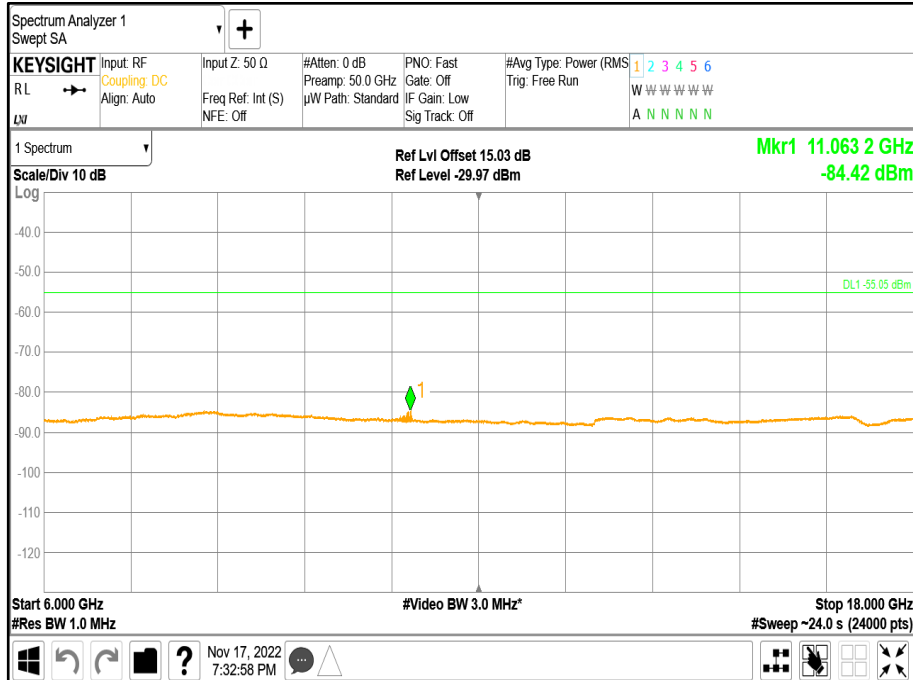


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3720 to 6000 MHz

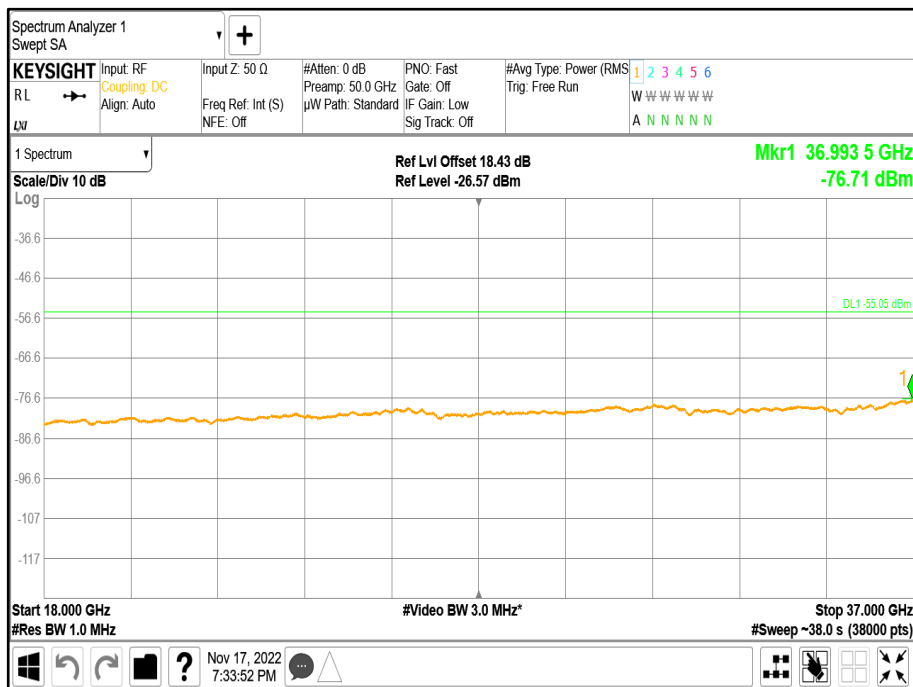




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 6000 to 18000 MHz

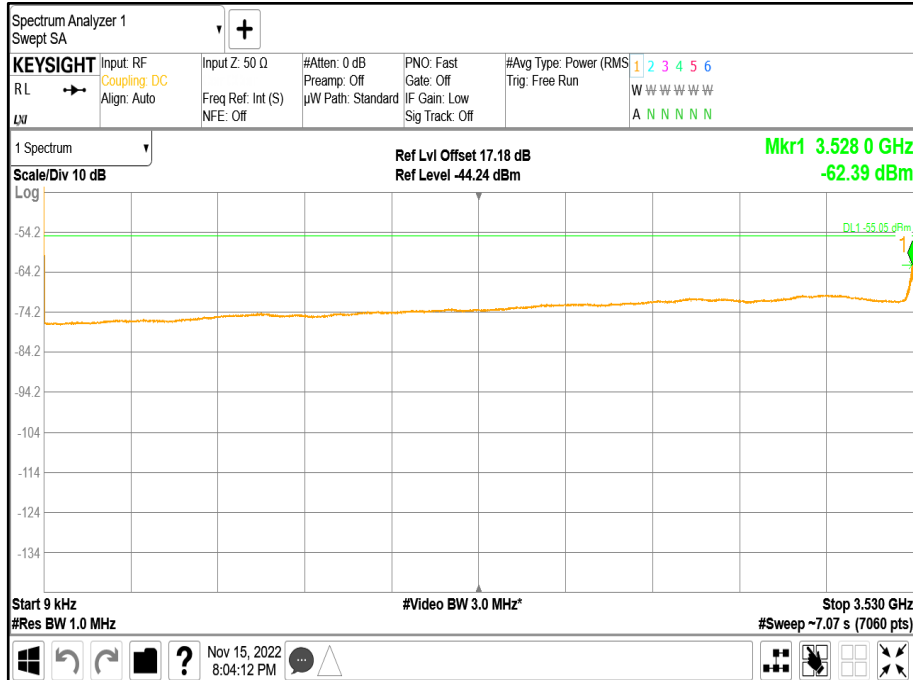


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 37000 MHz

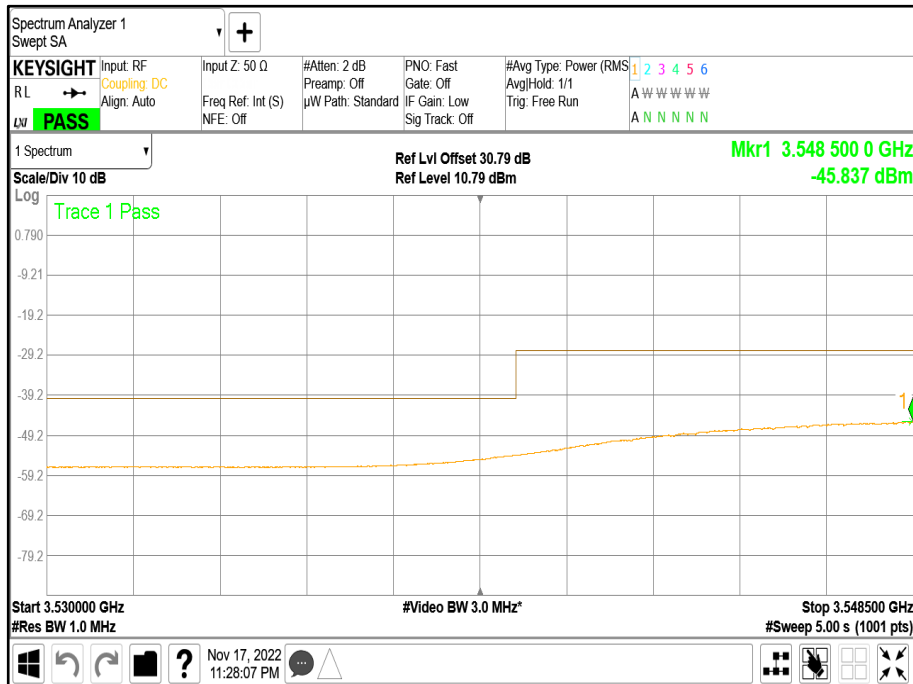




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 0.009 to 3530 MHz



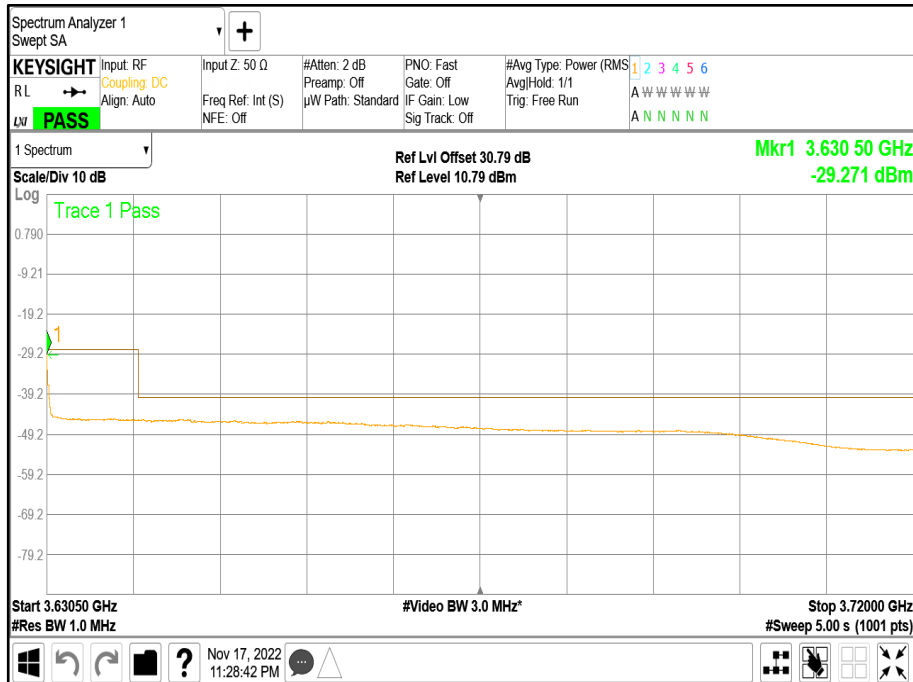
Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band Mask Low - Range 3530 to 3720 MHz - Mask Low



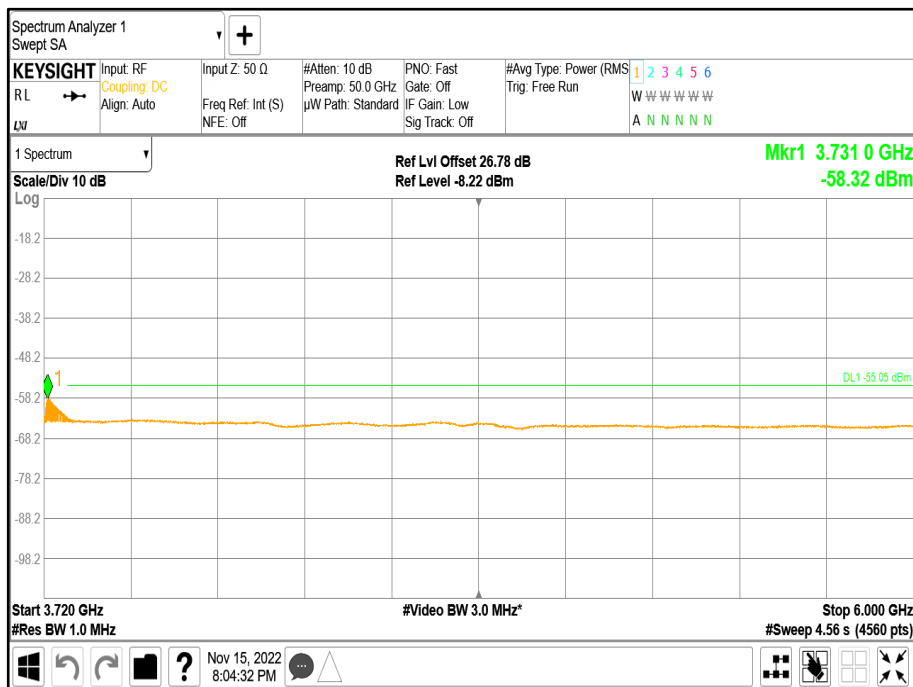




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High

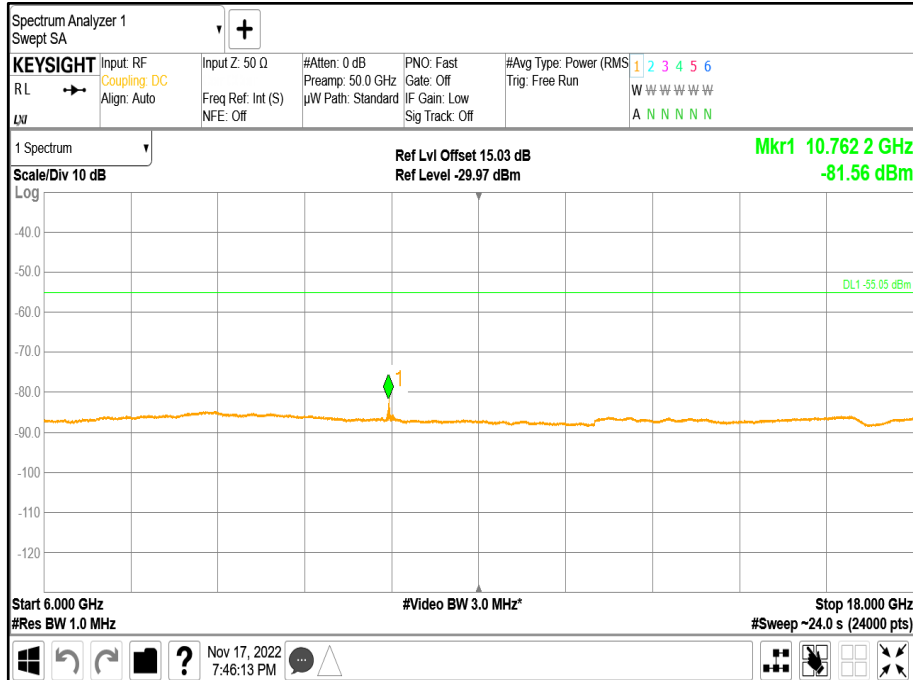


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3720 to 6000 MHz

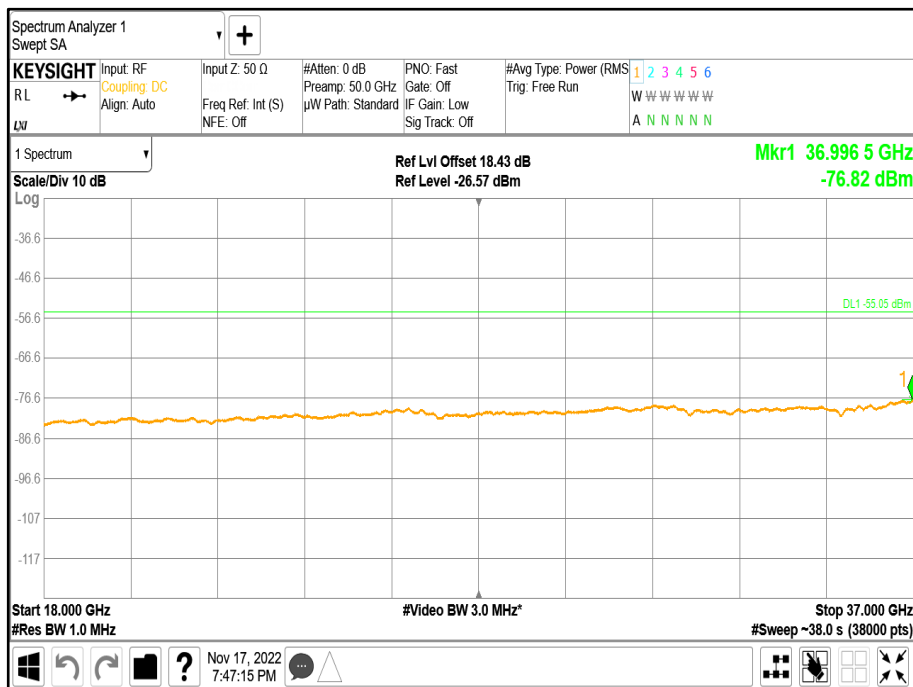




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 6000 to 18000 MHz

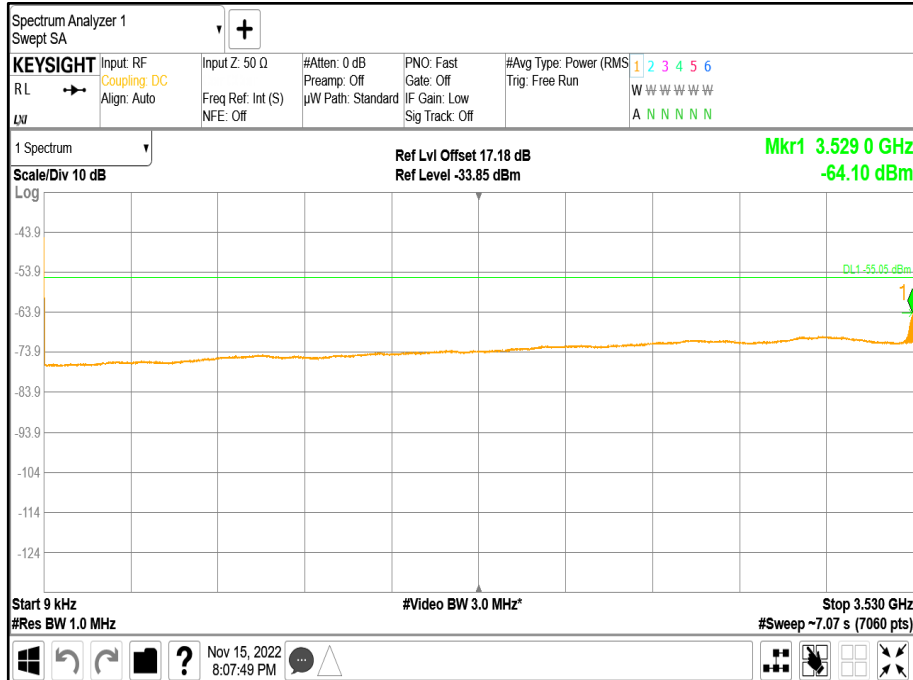


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 37000 MHz

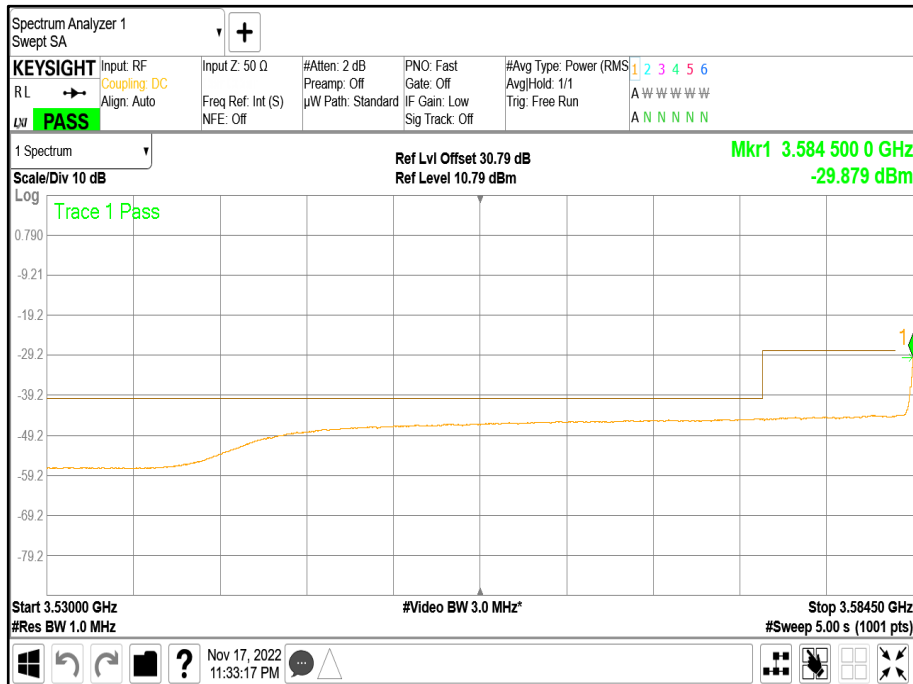




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

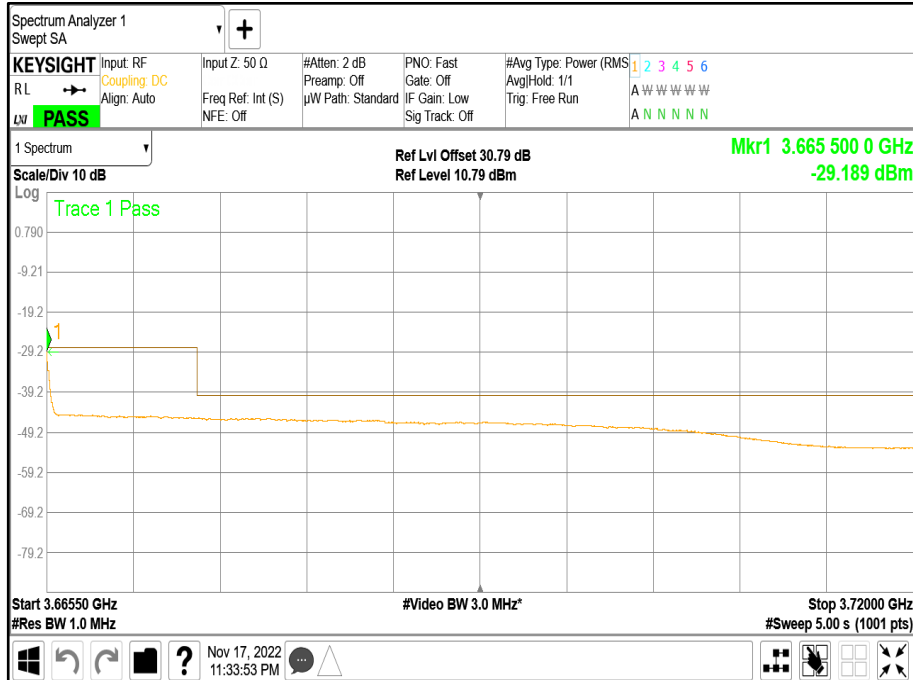


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

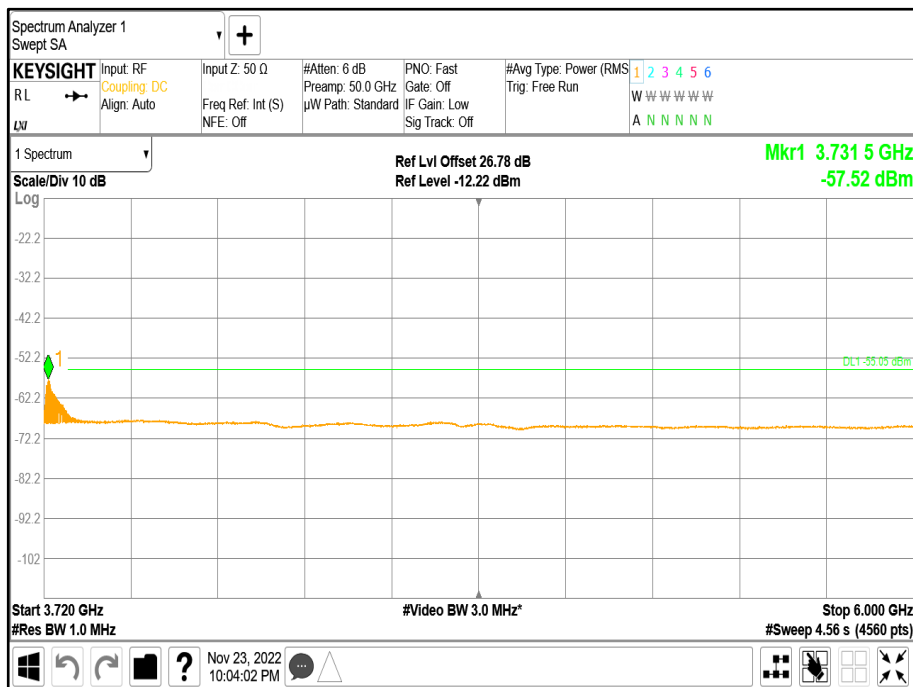




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High

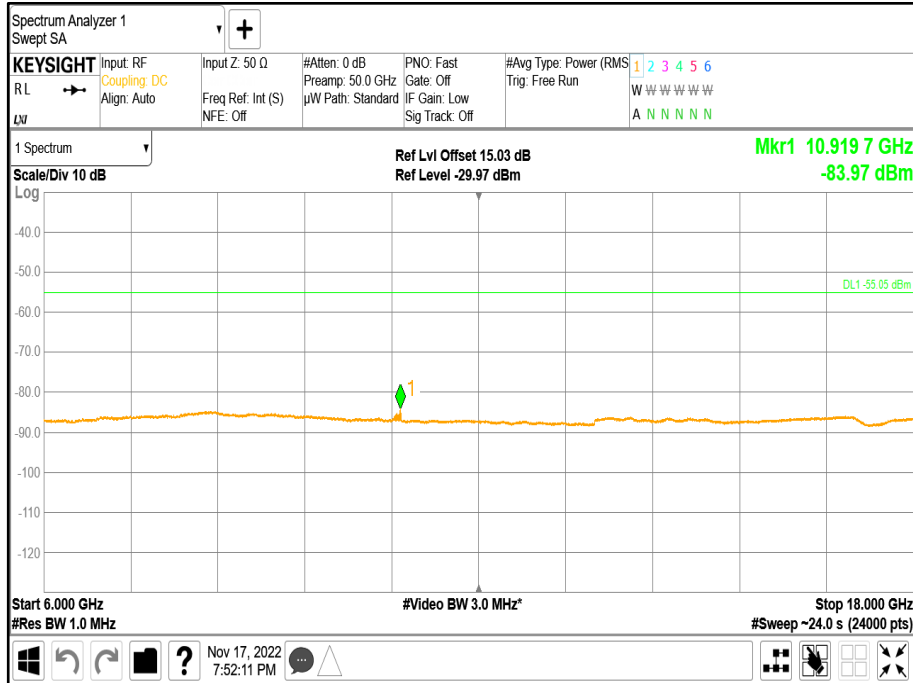


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

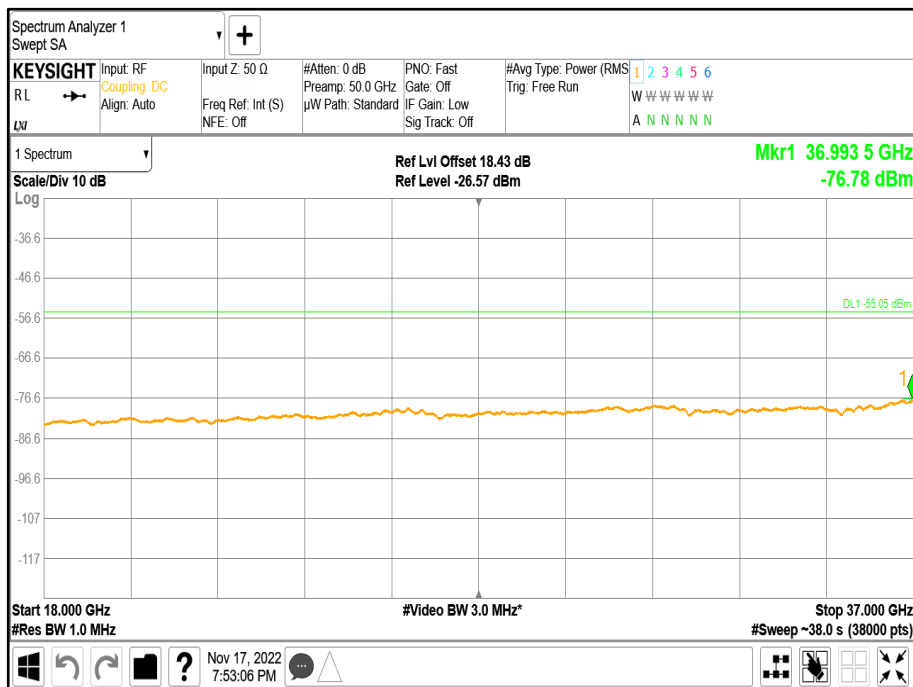




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 6000 to 18000 MHz

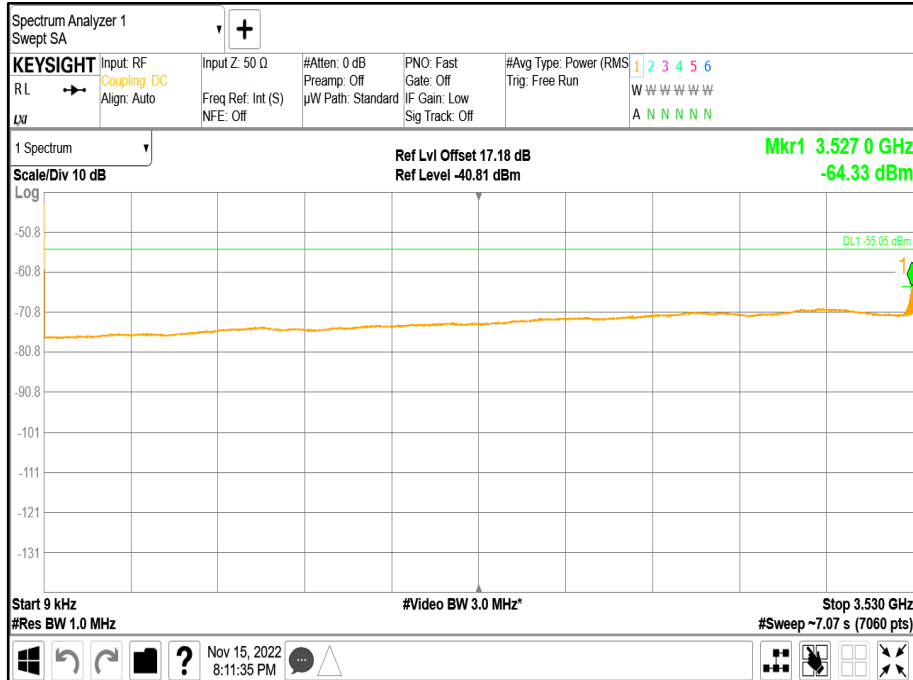


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz

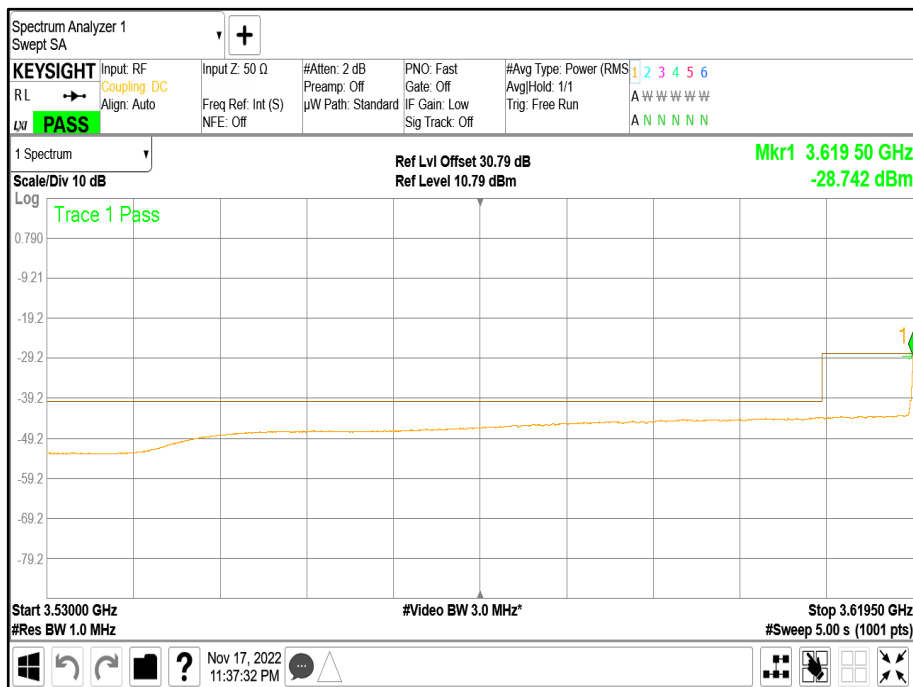




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 0.009 to 3530 MHz

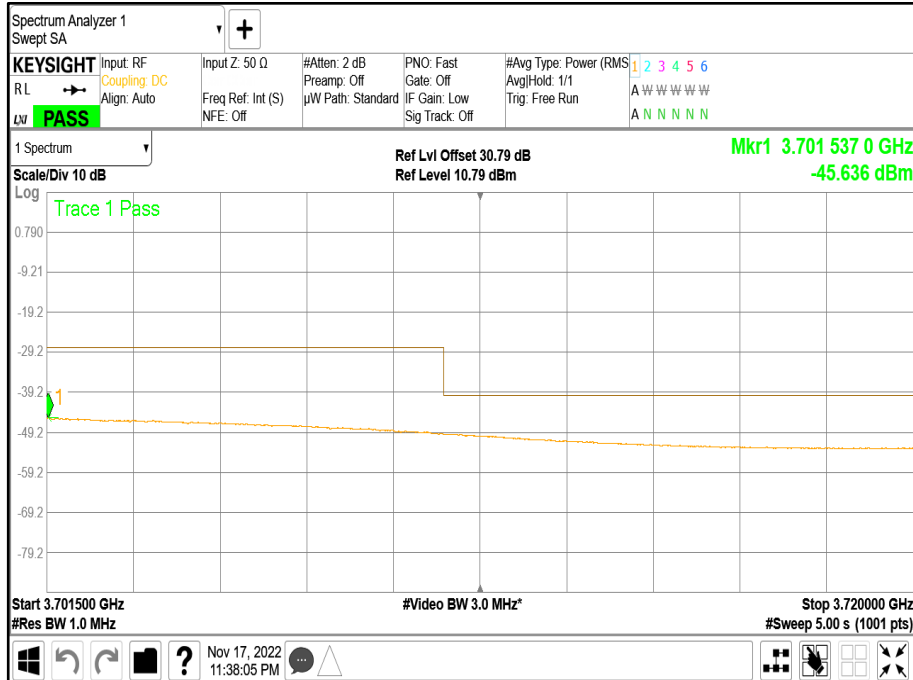


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

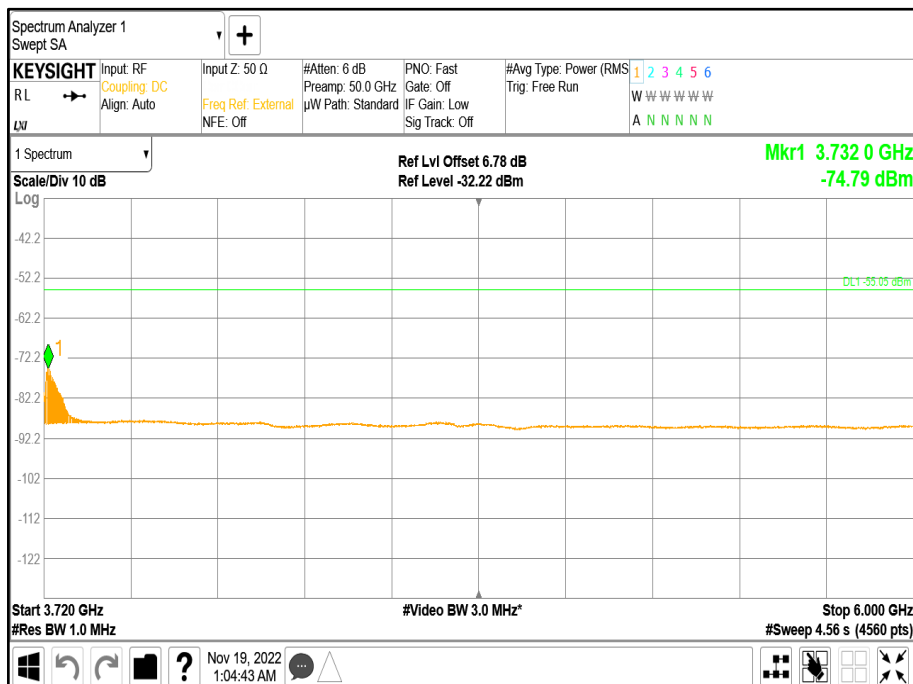




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band Mask High - Range 3530 to 3720 MHz - Mask High



Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3720 to 6000 MHz

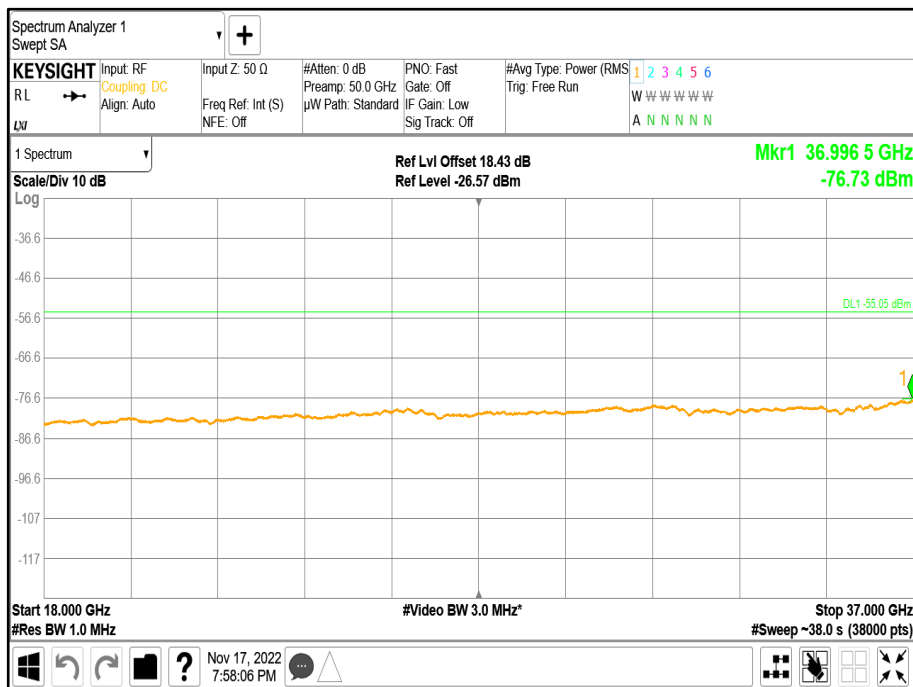




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 6000 to 18000 MHz



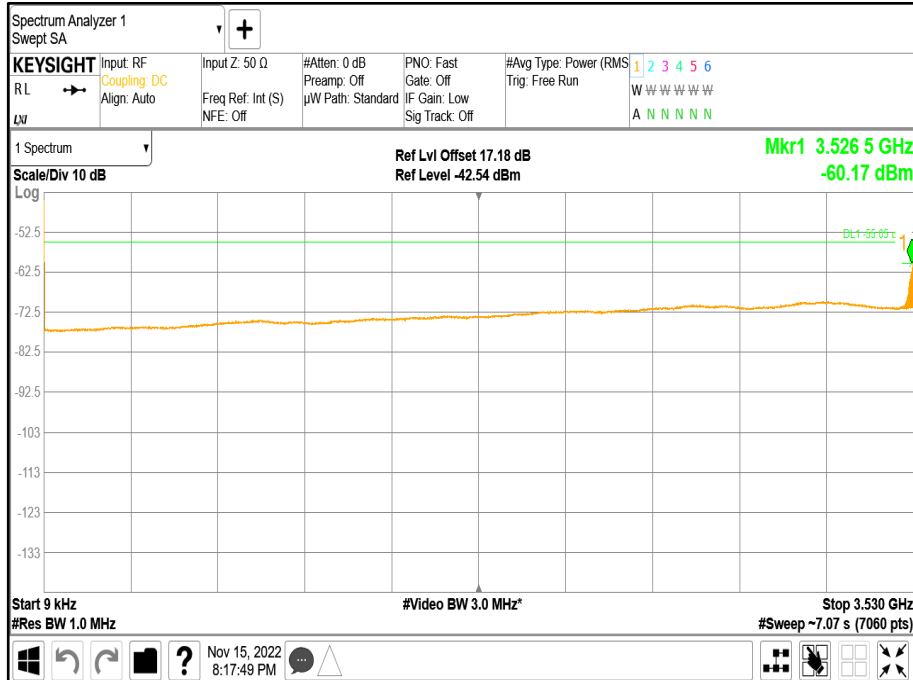
Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 37000 MHz



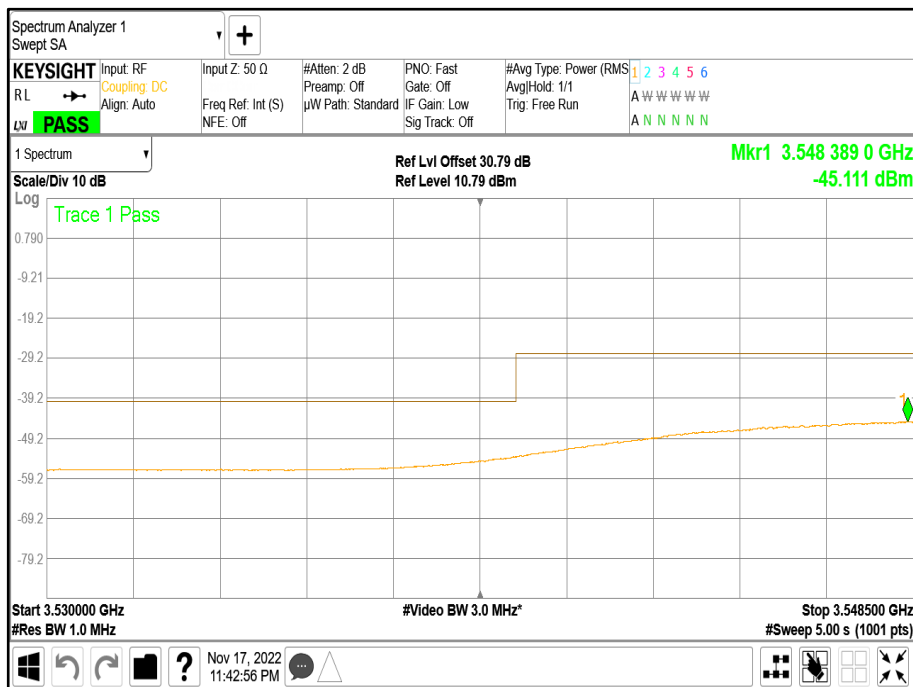




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 0.009 to 3530 MHz

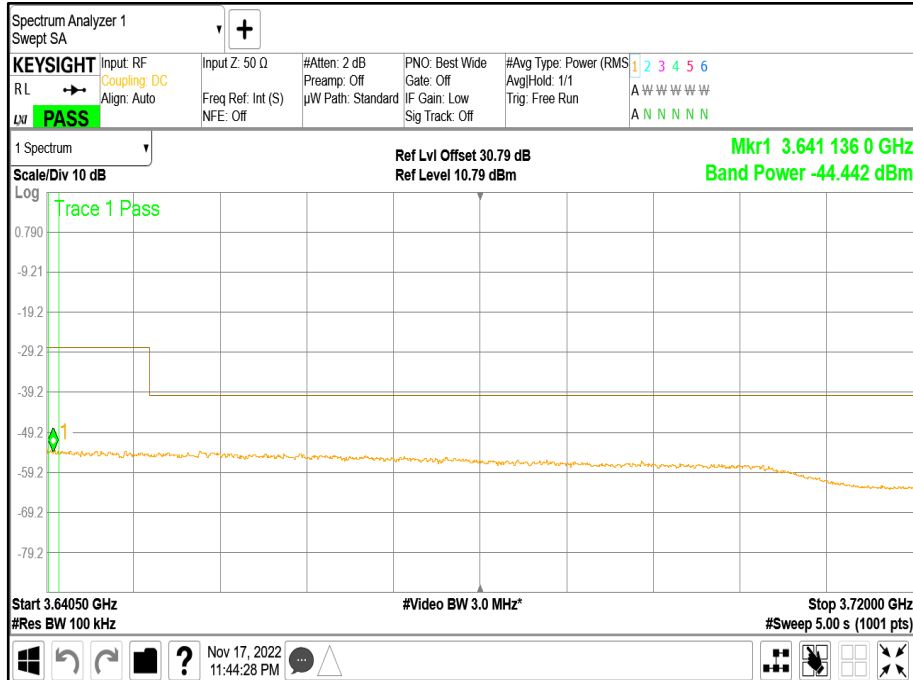


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position B - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

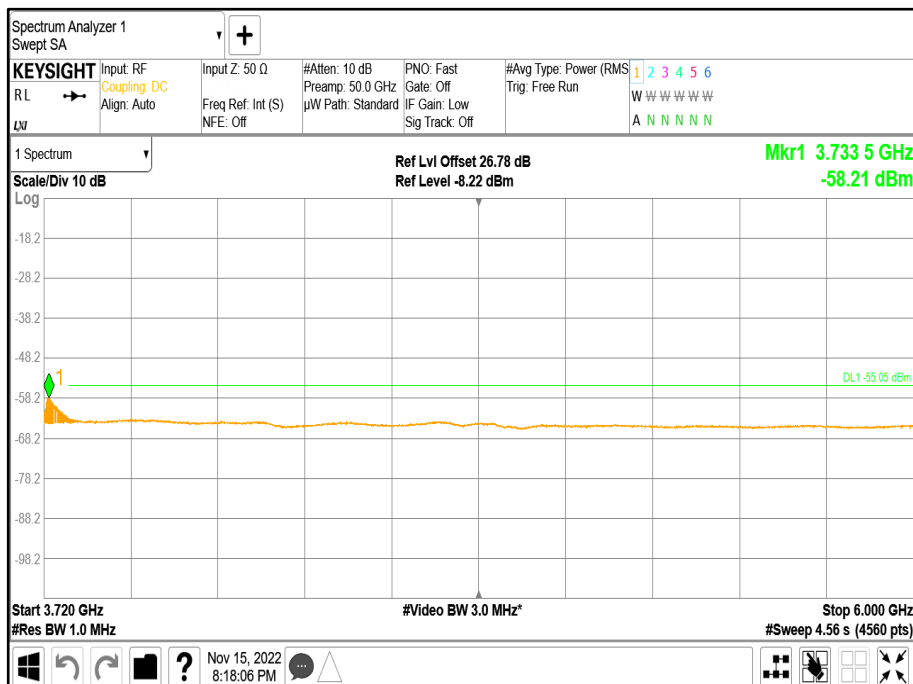




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position B - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High

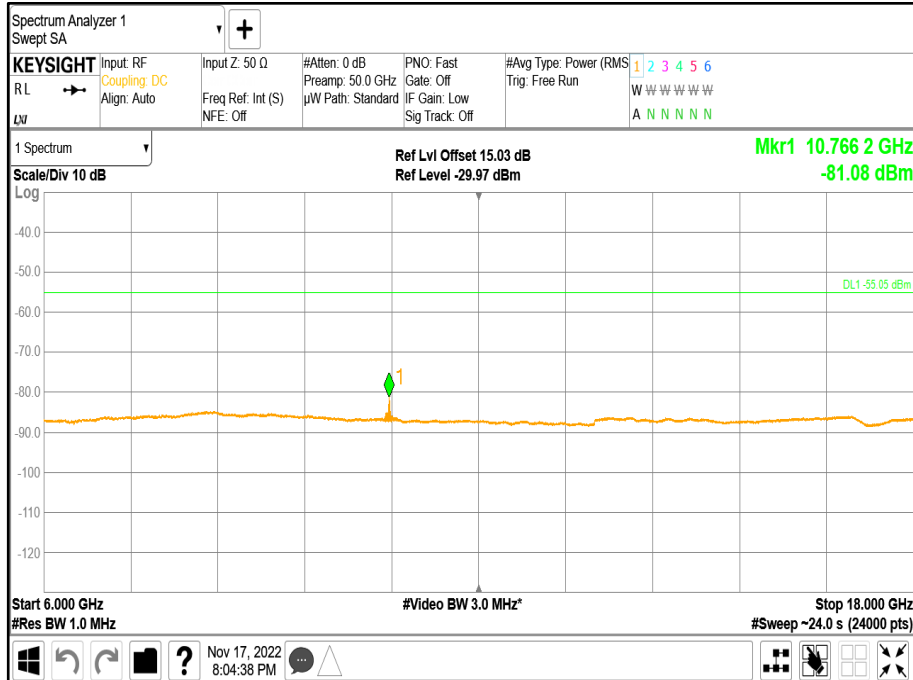


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3720 to 6000 MHz

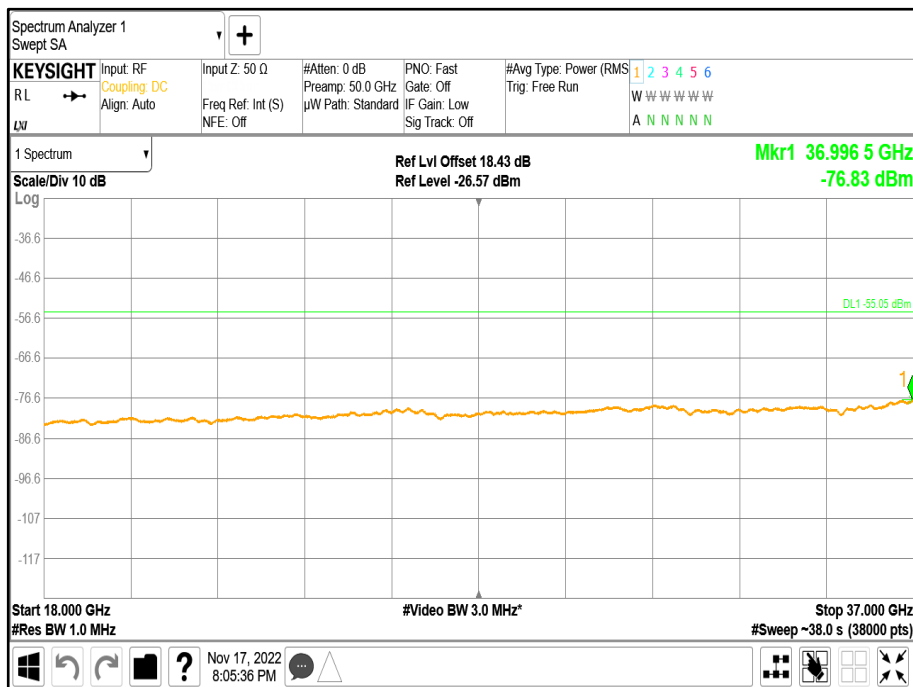




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 6000 to 18000 MHz

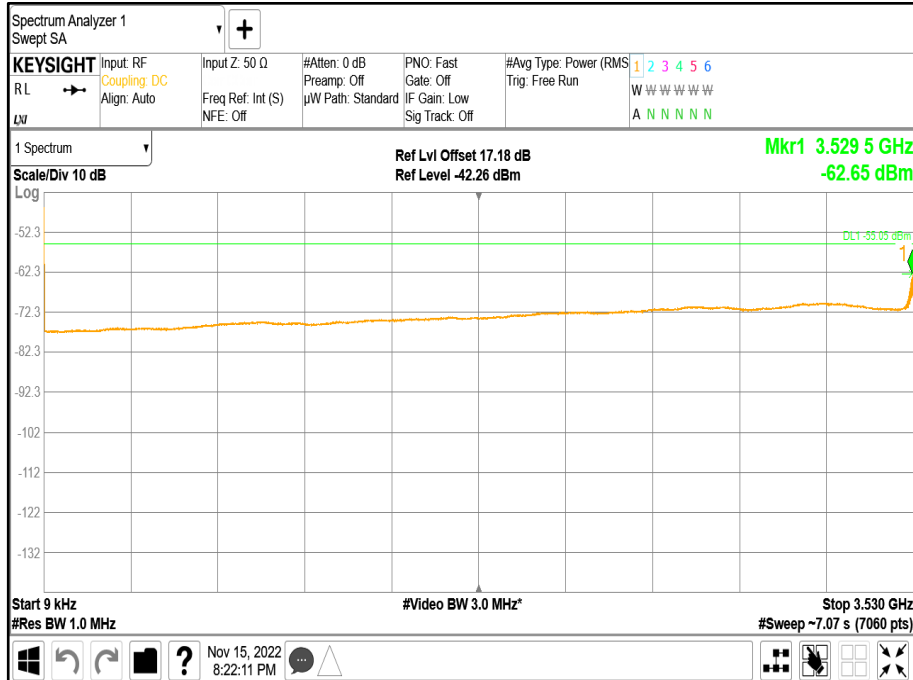


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 37000 MHz

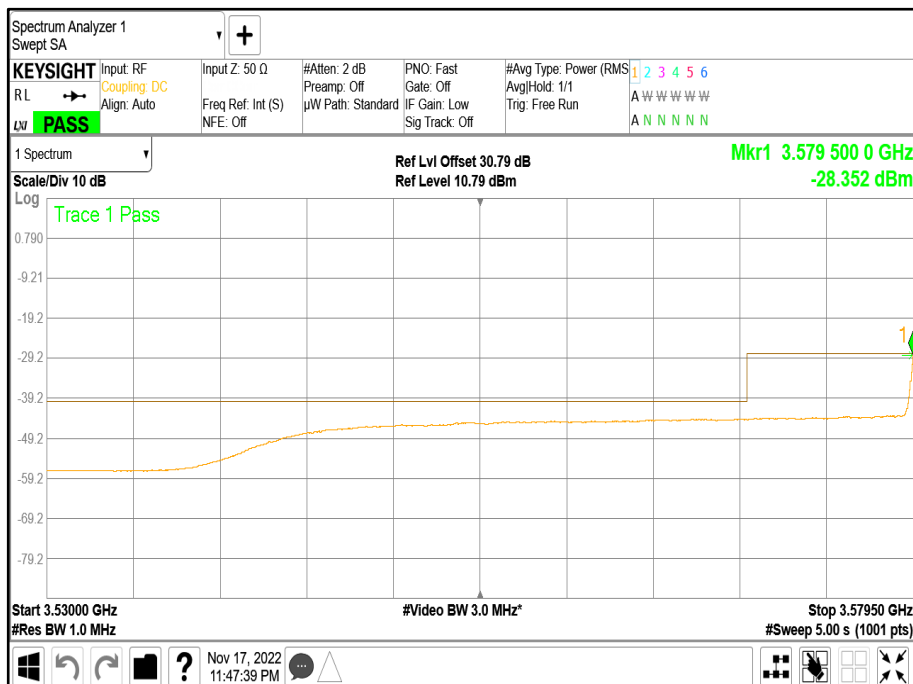




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

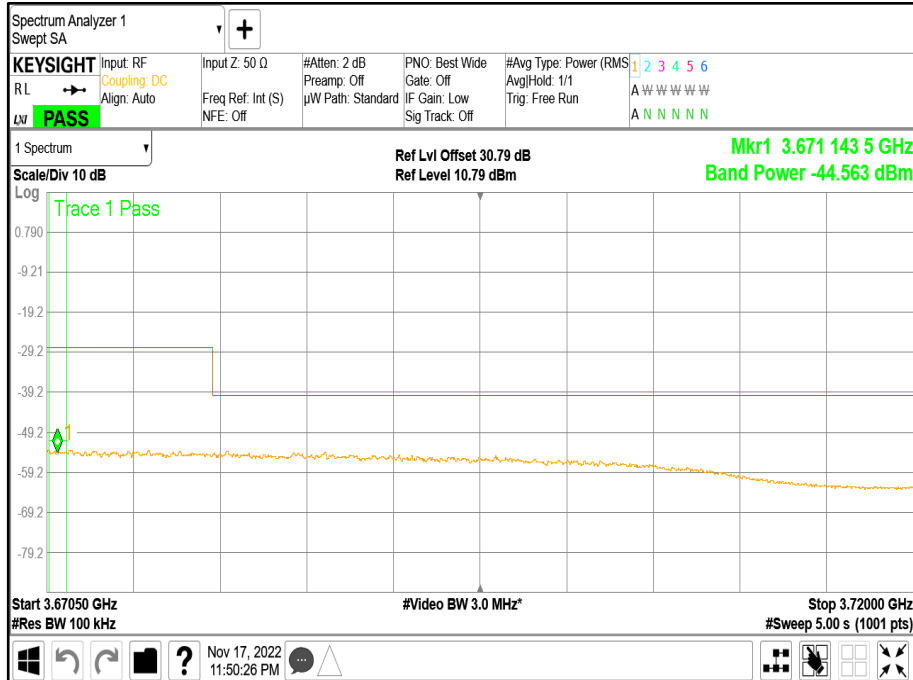


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

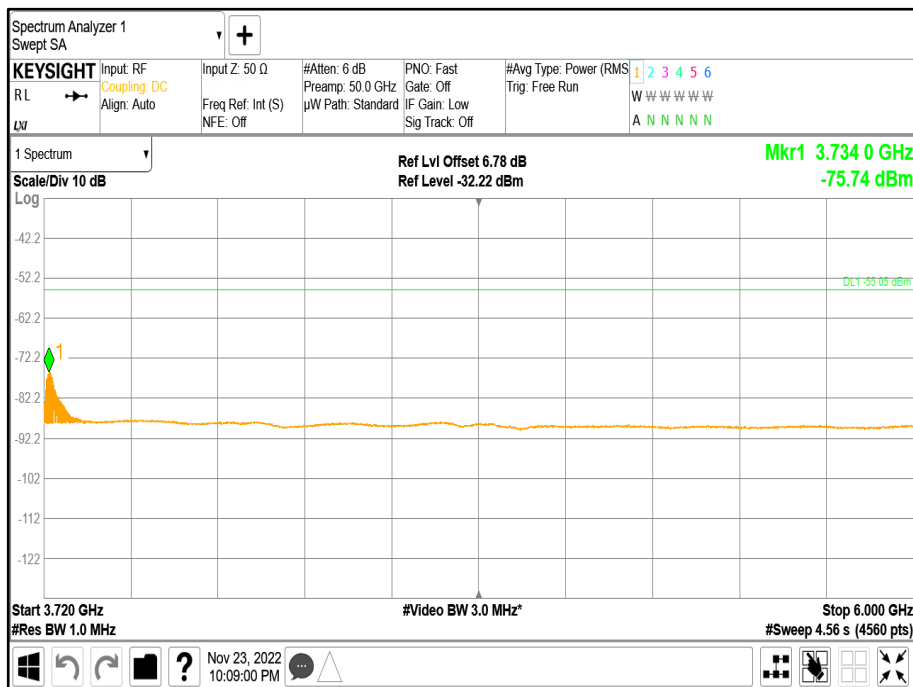




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M - Band Mask High - Range 3530 to 3720 MHz - Mask High

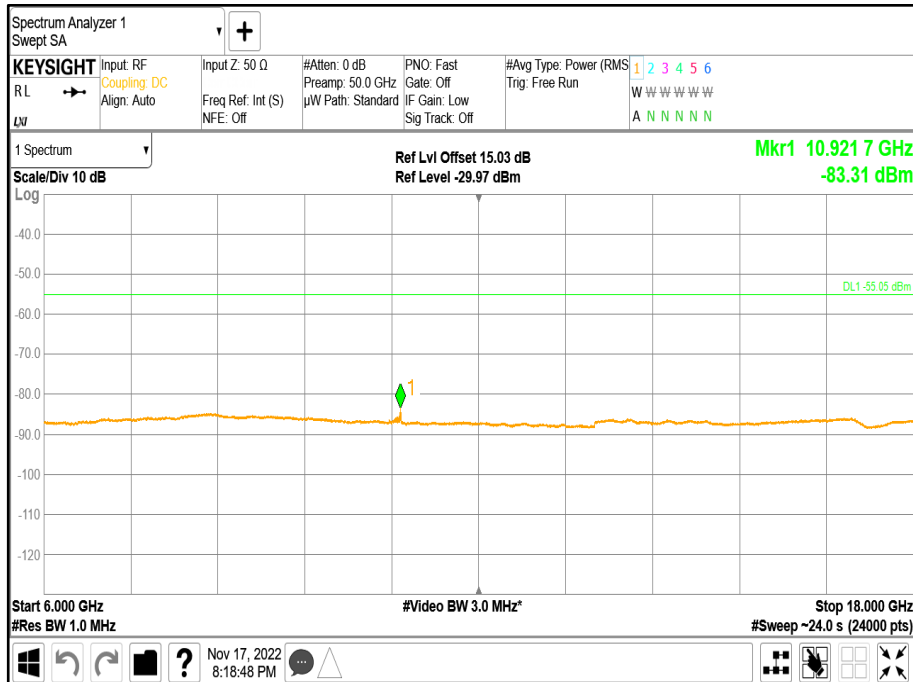


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

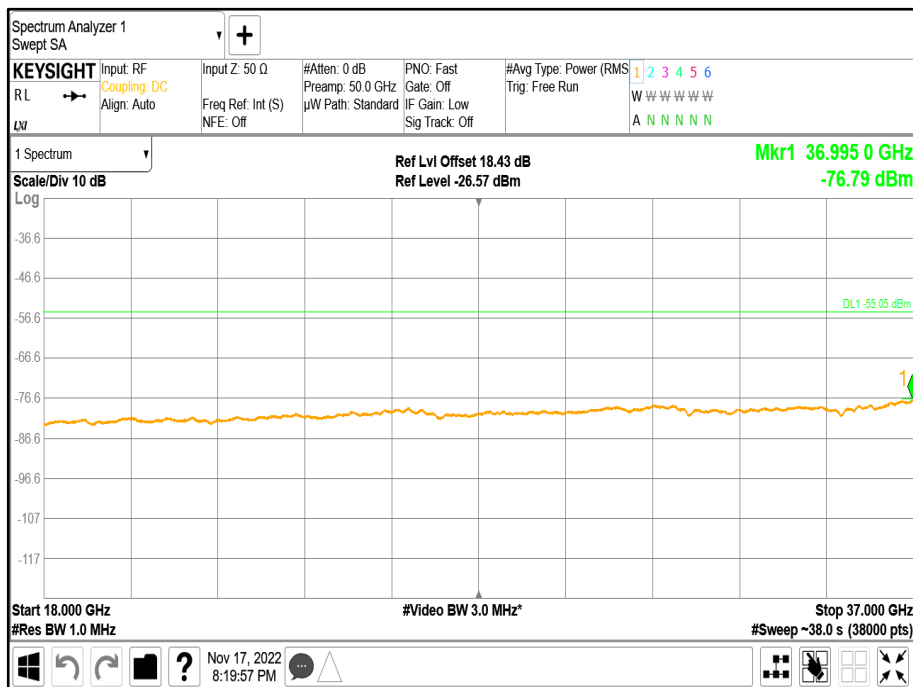




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 6000 to 18000 MHz

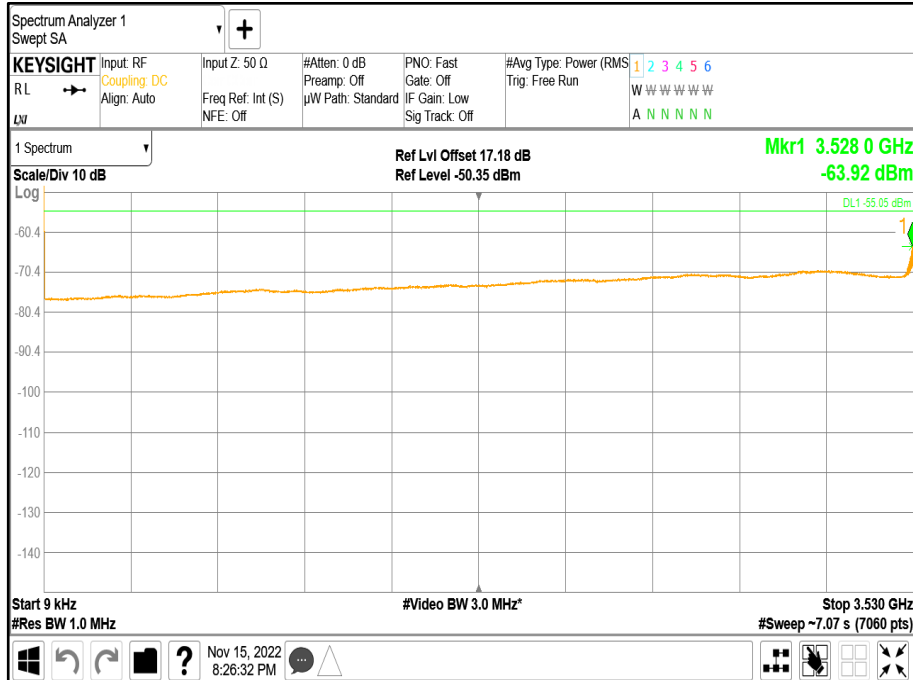


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz

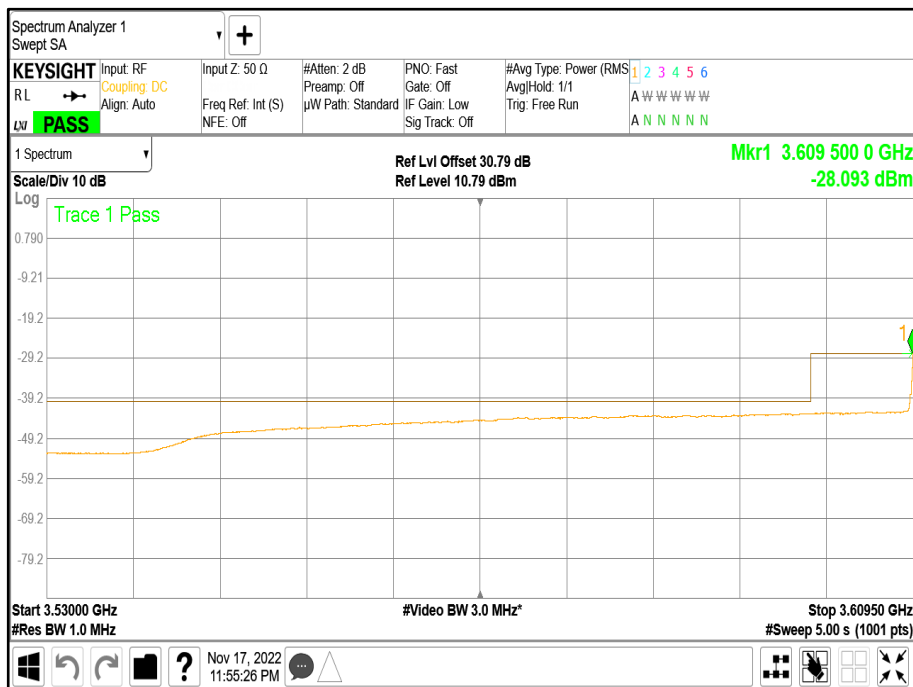




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 0.009 to 3530 MHz

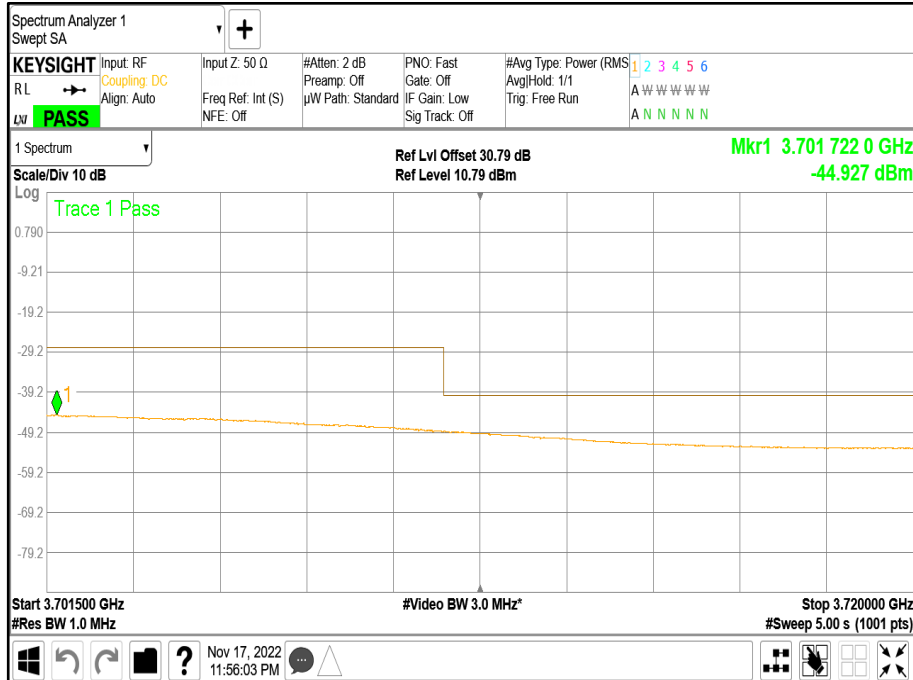


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position T - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

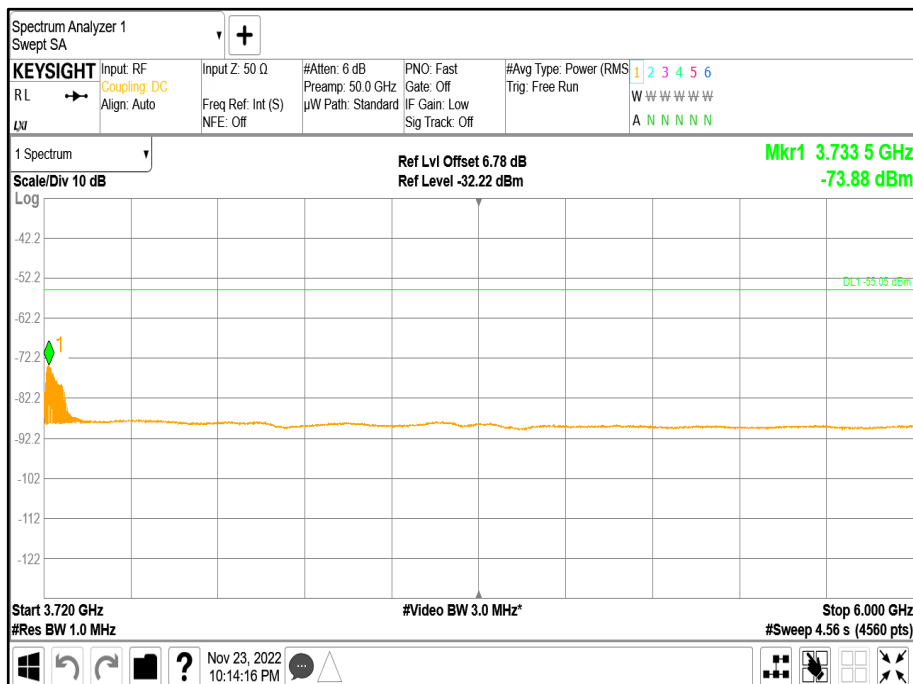




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position T - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High



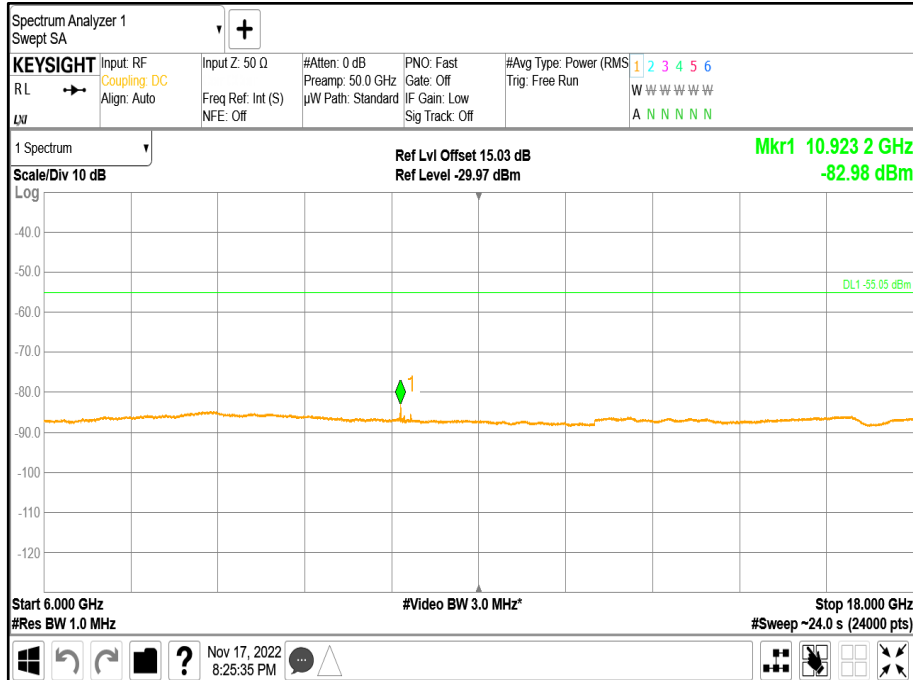
Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3720 to 6000 MHz



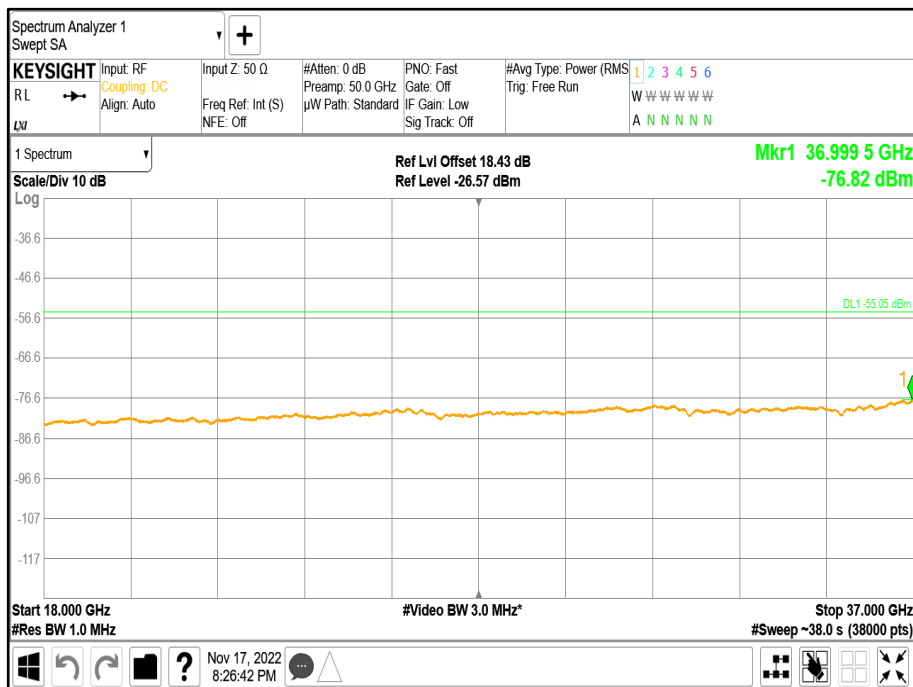




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 6000 to 18000 MHz

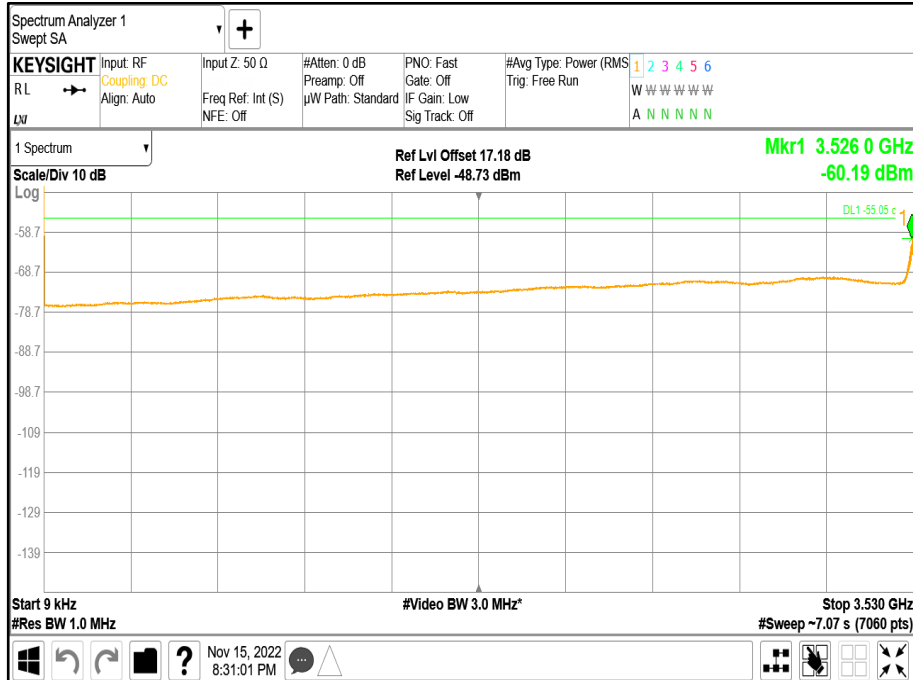


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 37000 MHz

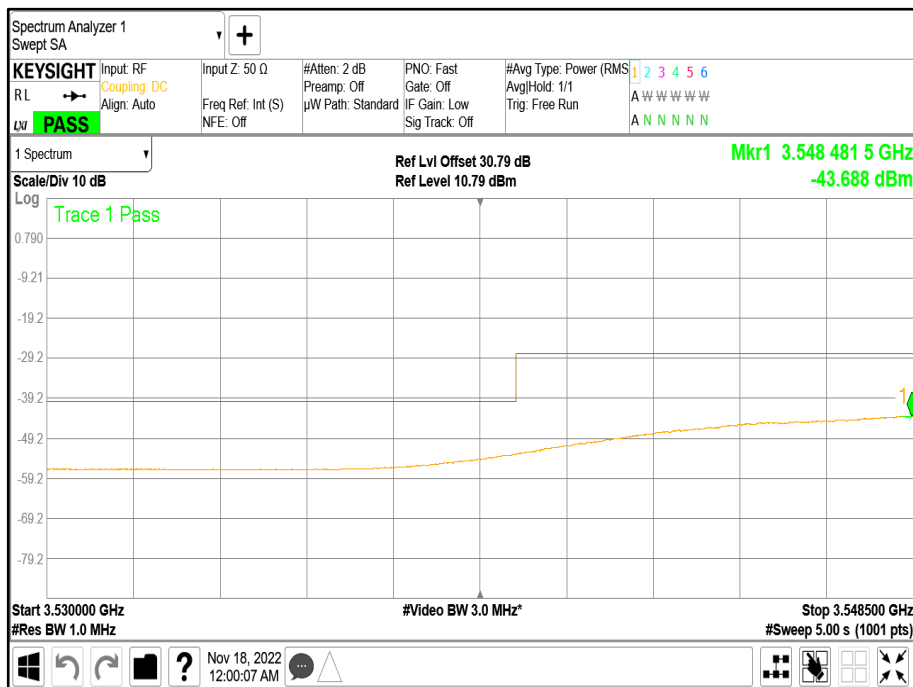




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 0.009 to 3530 MHz

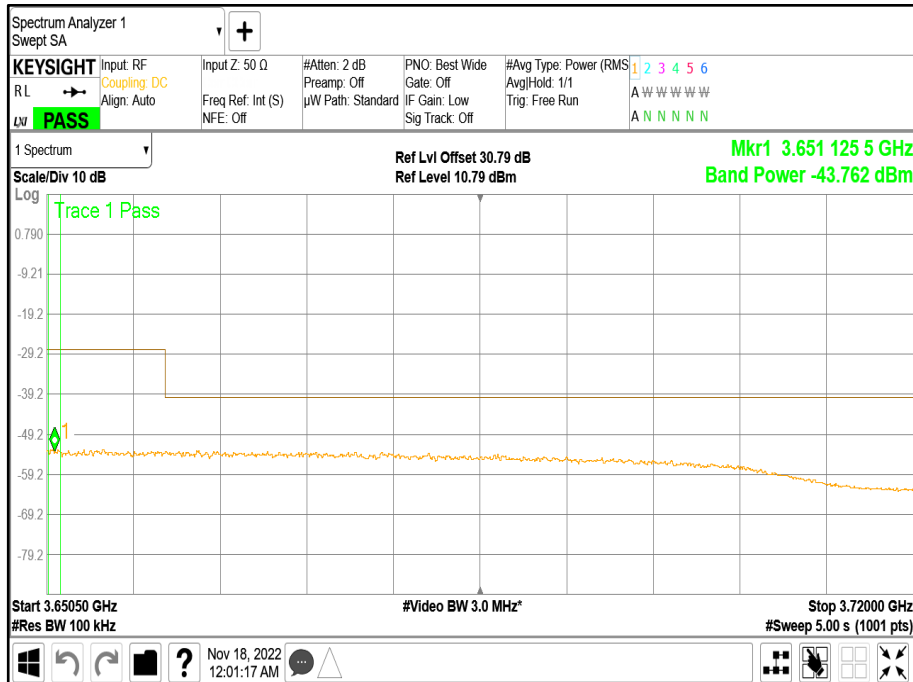


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

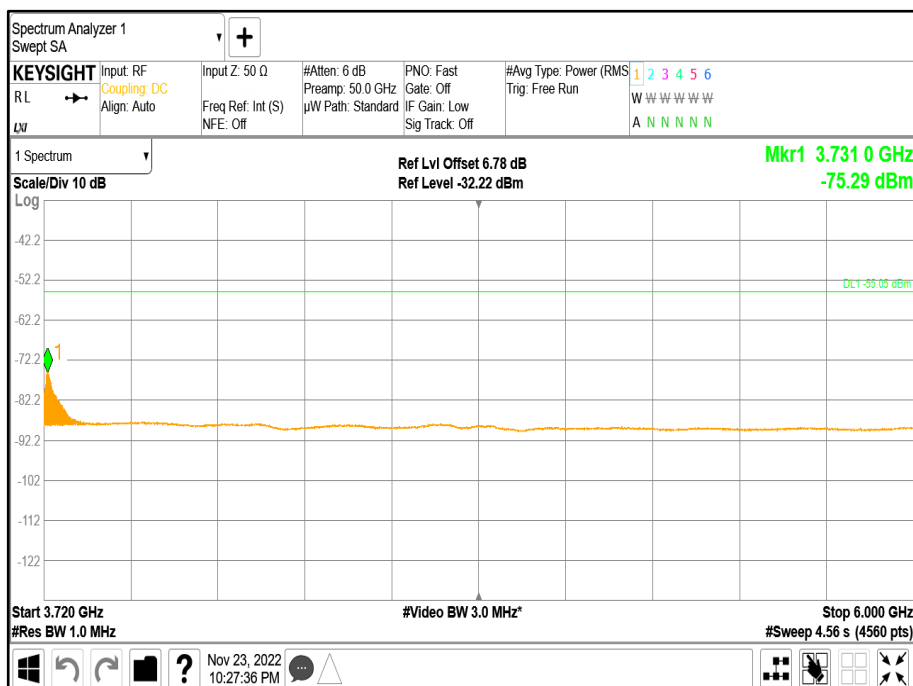




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High

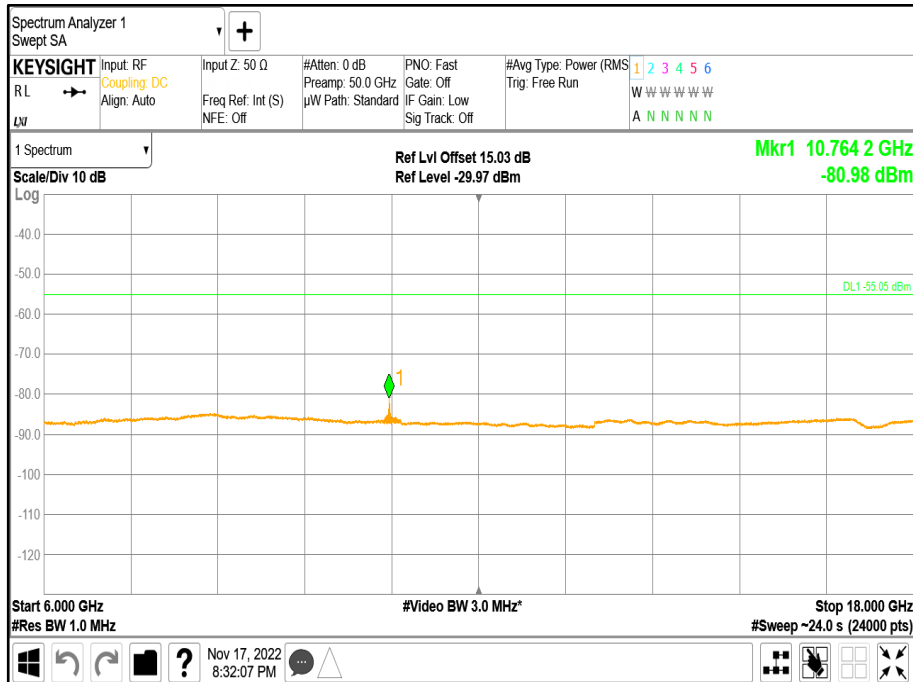


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3720 to 6000 MHz

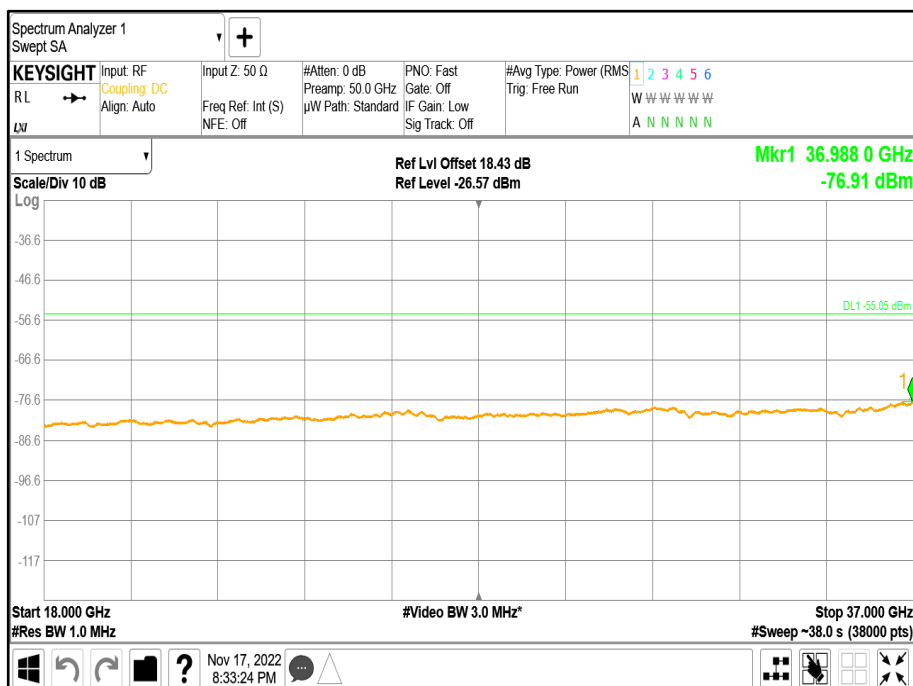




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 6000 to 18000 MHz

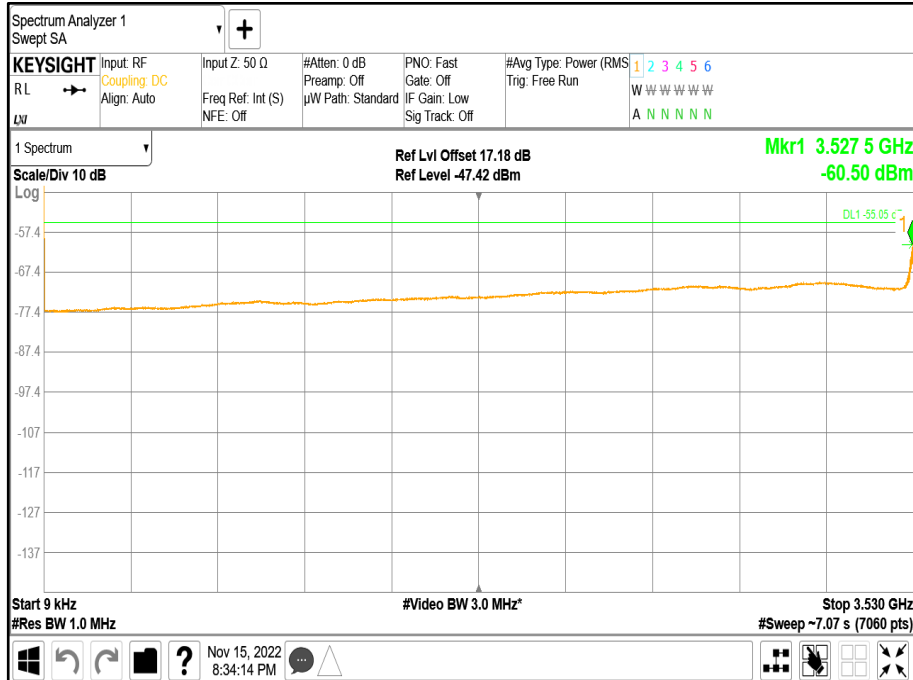


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 37000 MHz

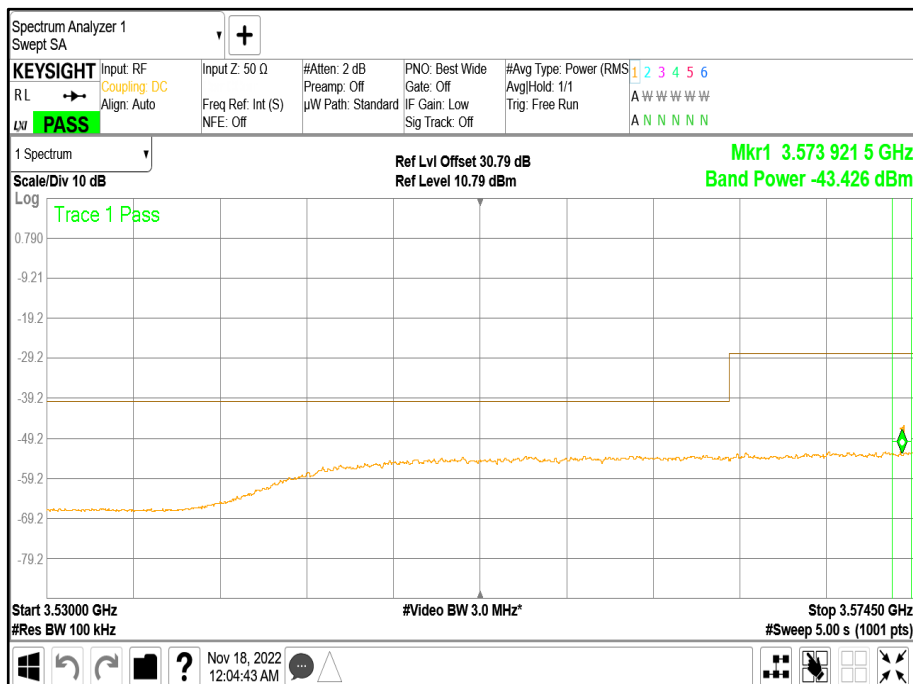




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

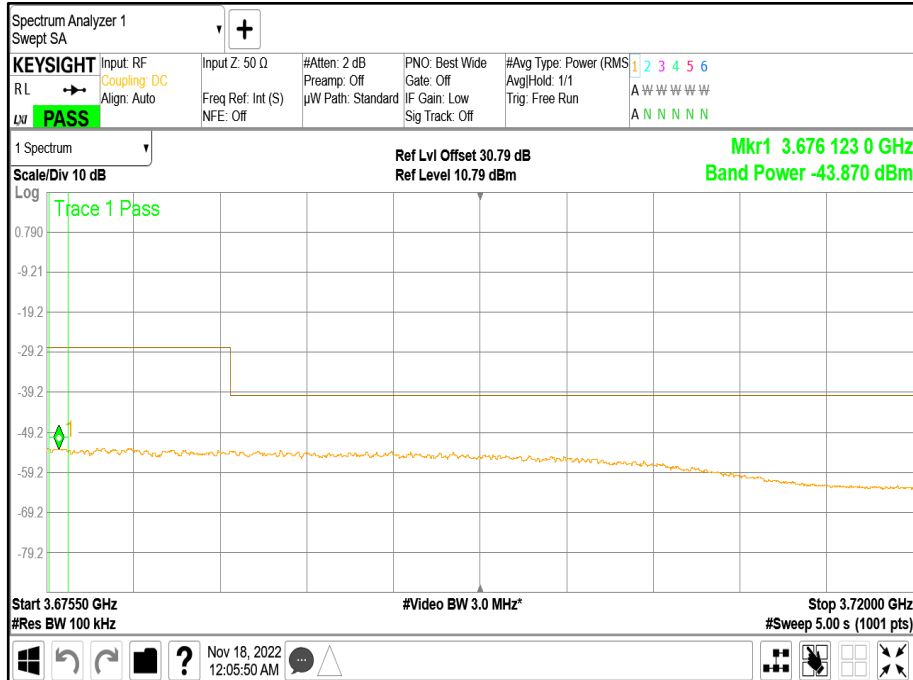


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

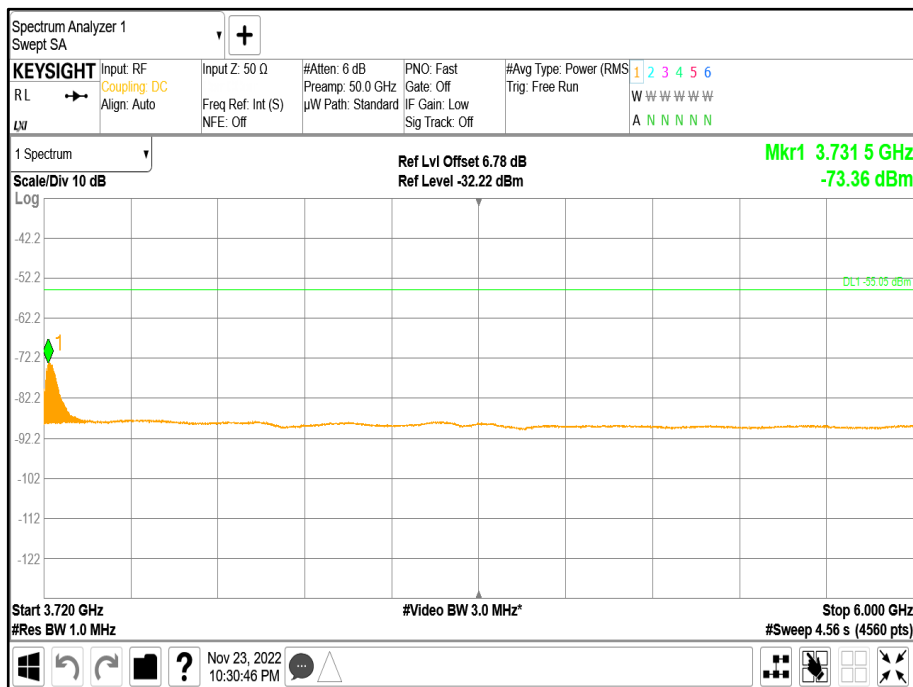




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band Mask High - Range 3530 to 3720 MHz - Mask High

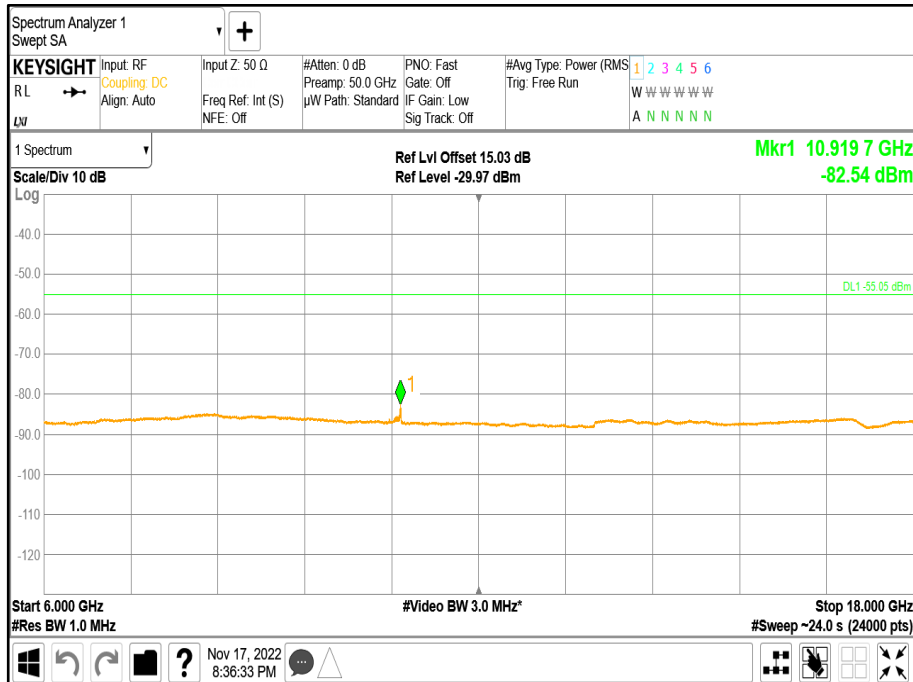


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

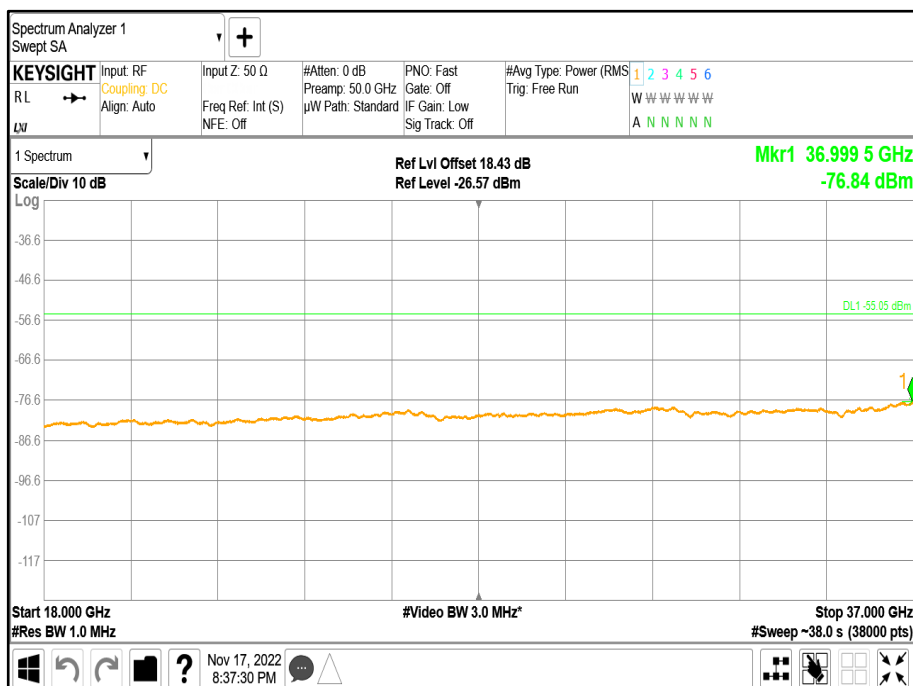




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 6000 to 18000 MHz

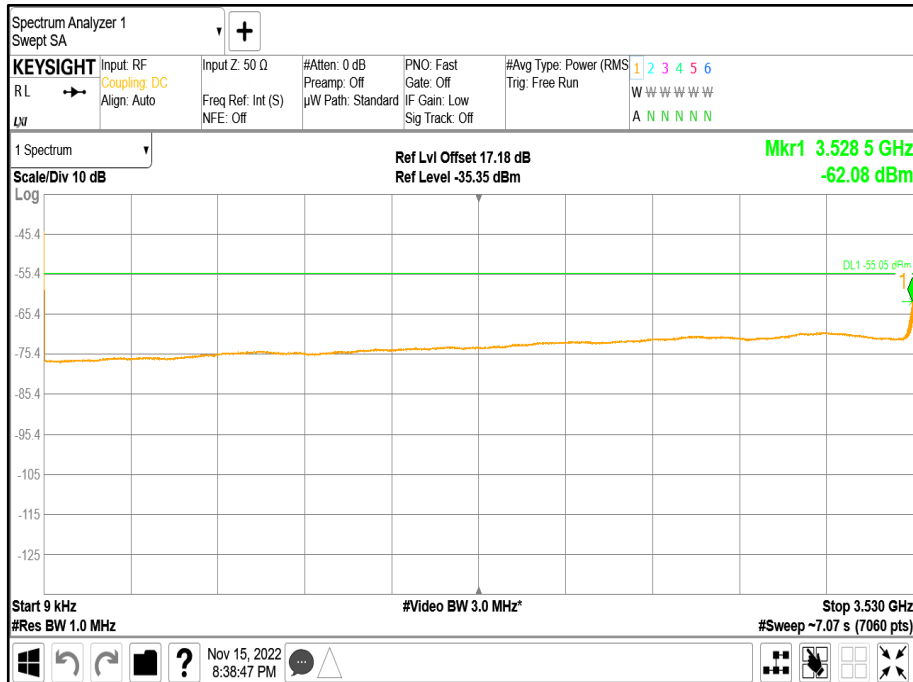


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz

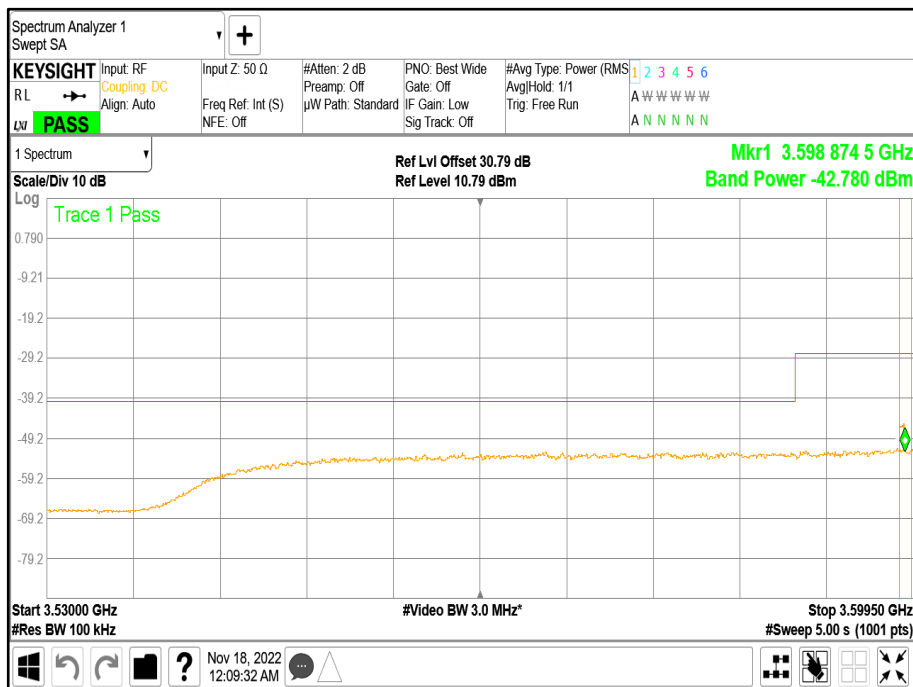




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 0.009 to 3530 MHz



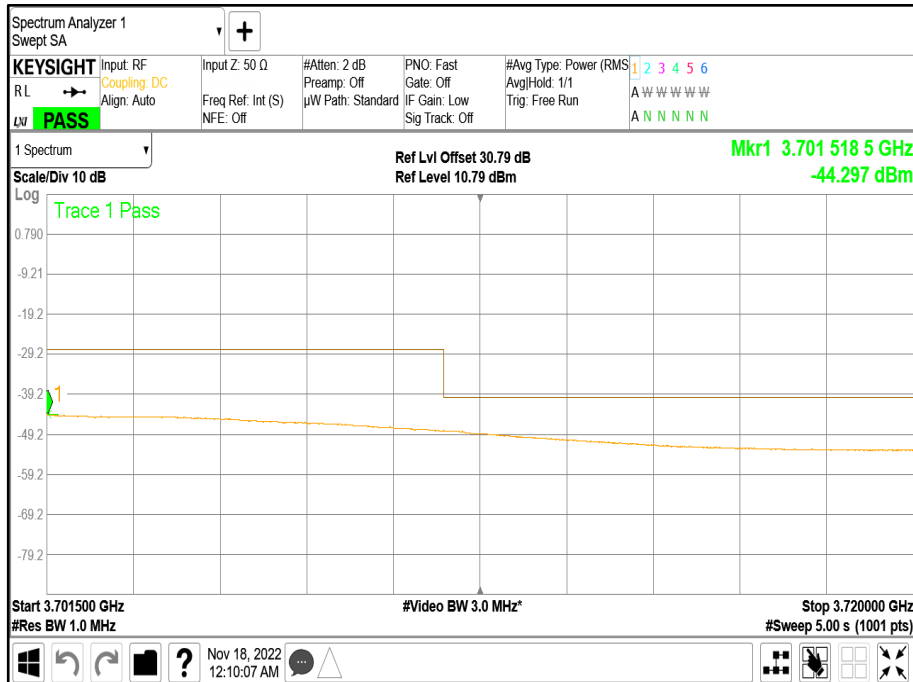
Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band Mask Low - Range 3530 to 3720 MHz - Mask Low



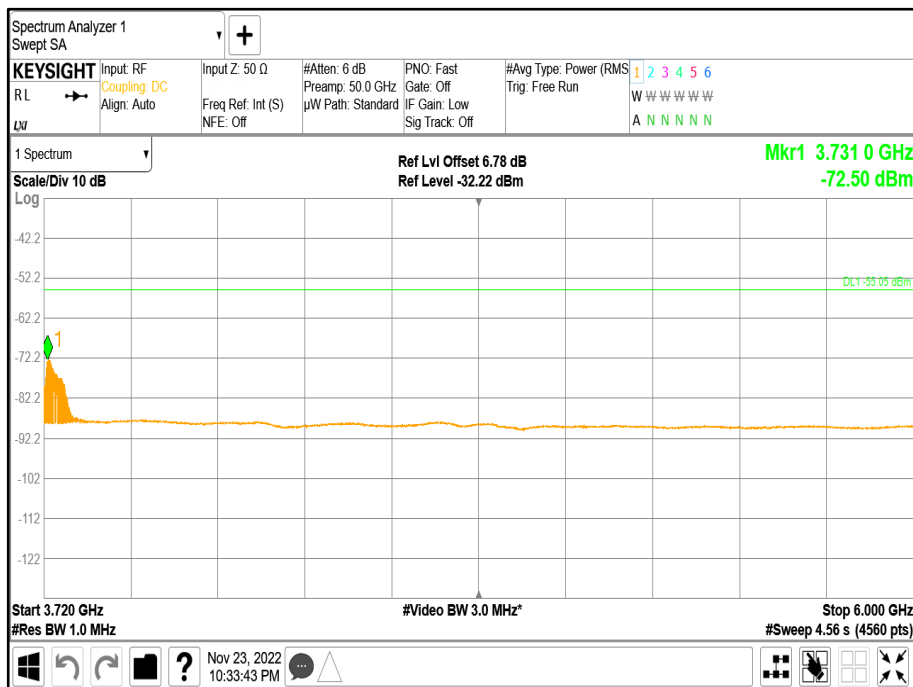




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band Mask High - Range 3530 to 3720 MHz - Mask High

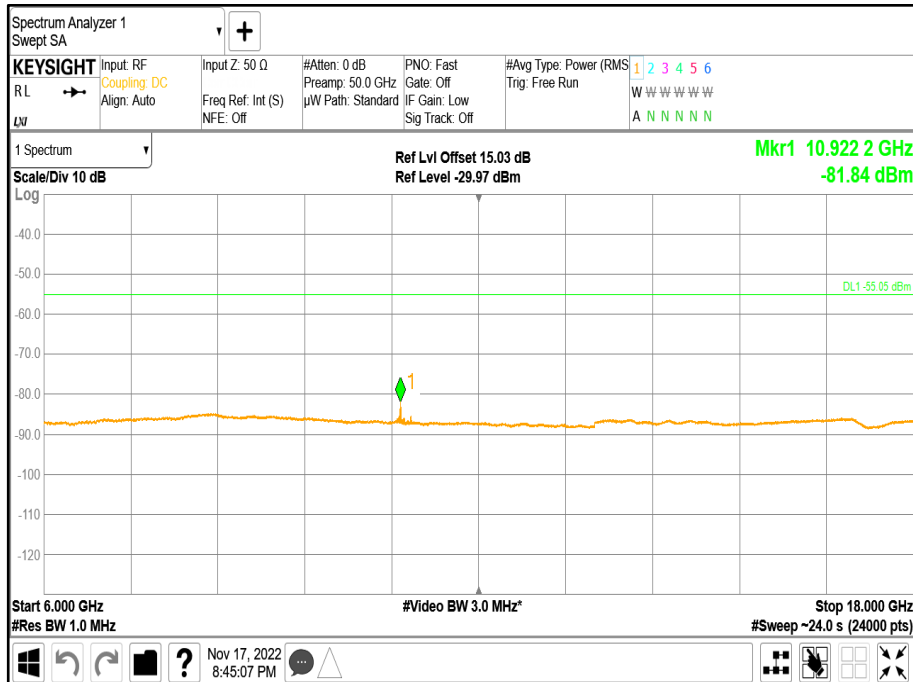


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3720 to 6000 MHz

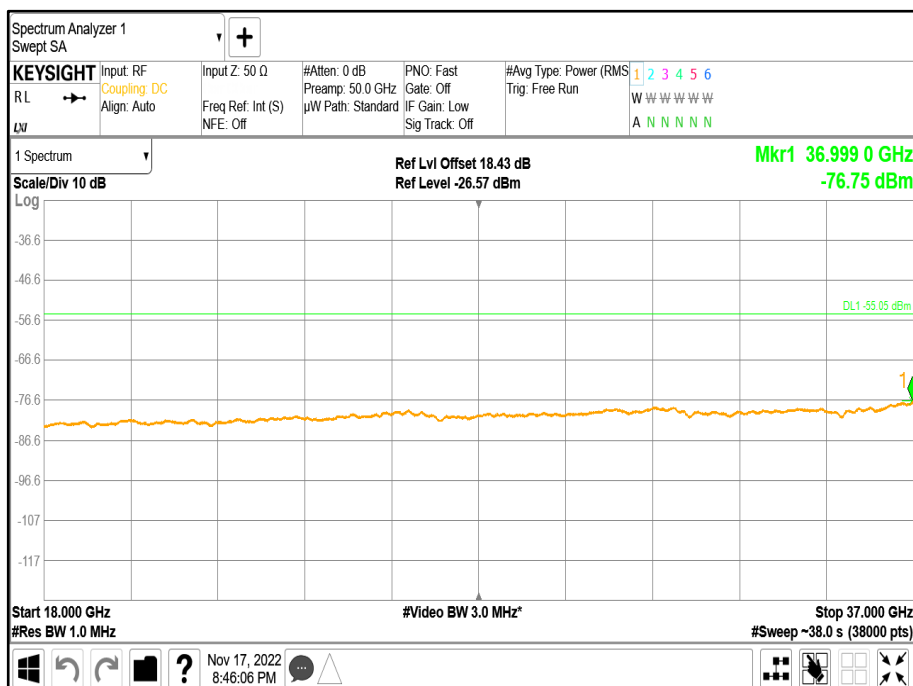




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 6000 to 18000 MHz



Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 37000 MHz

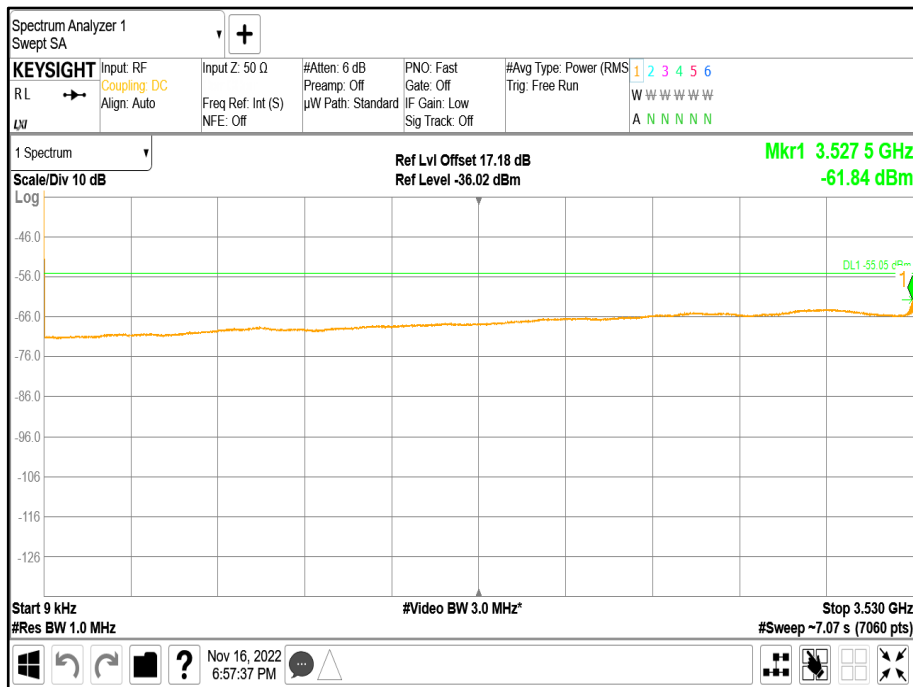




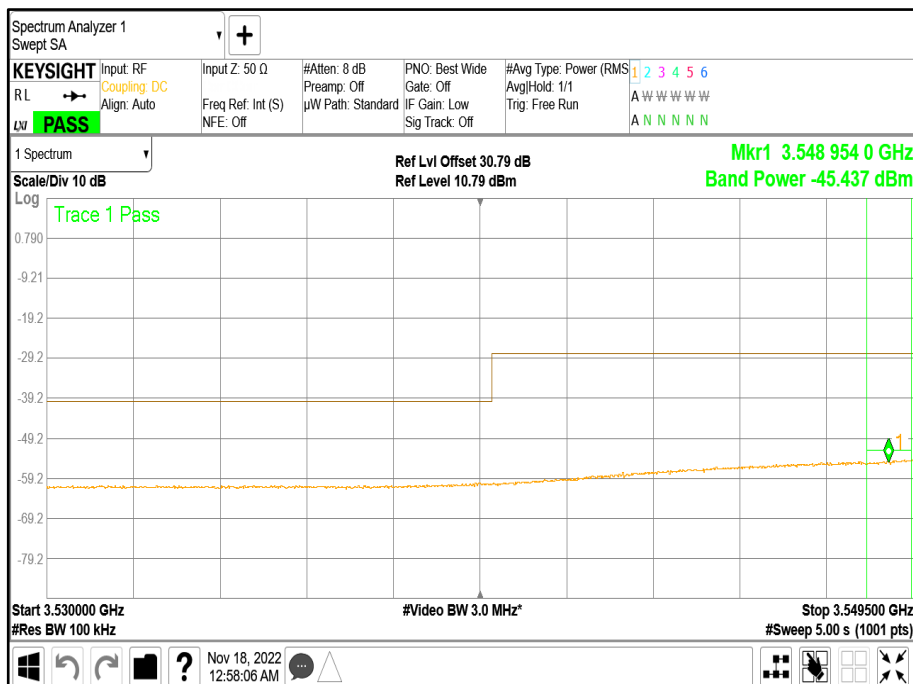
### Configuration 2

Maximum Output Power 2x25.80dBm

Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

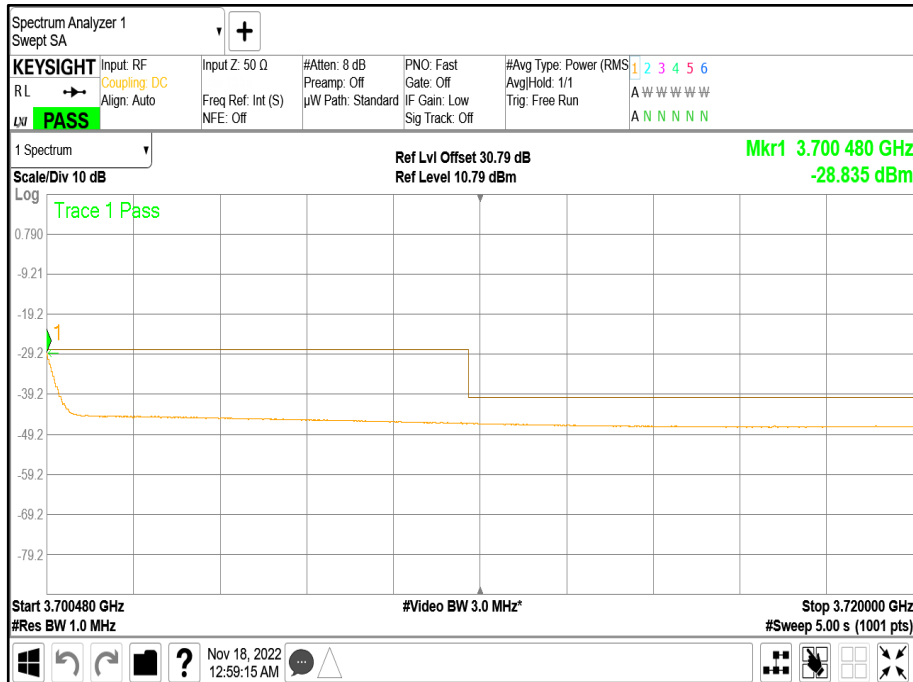


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

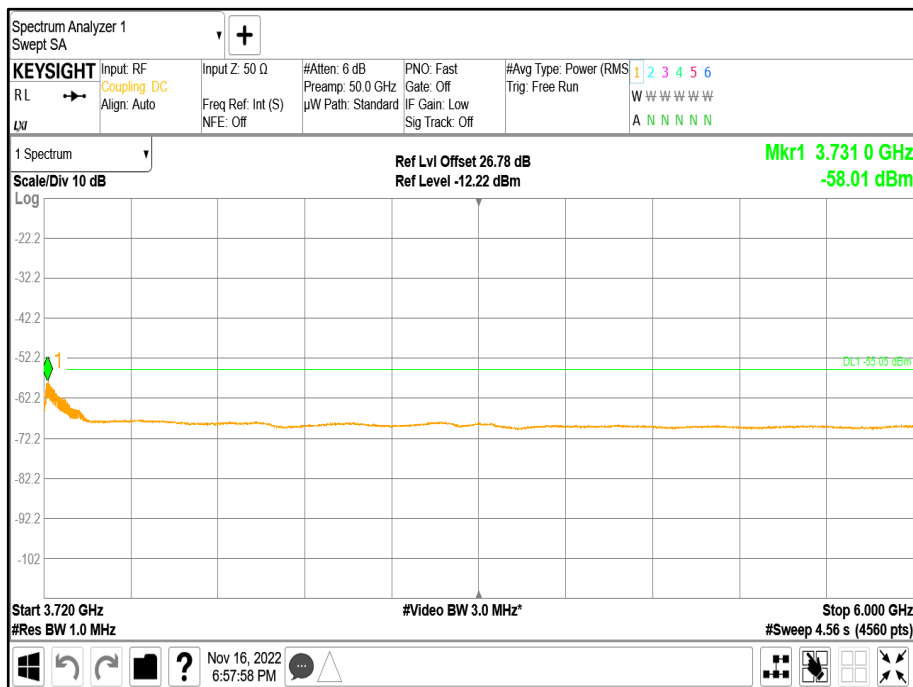




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High

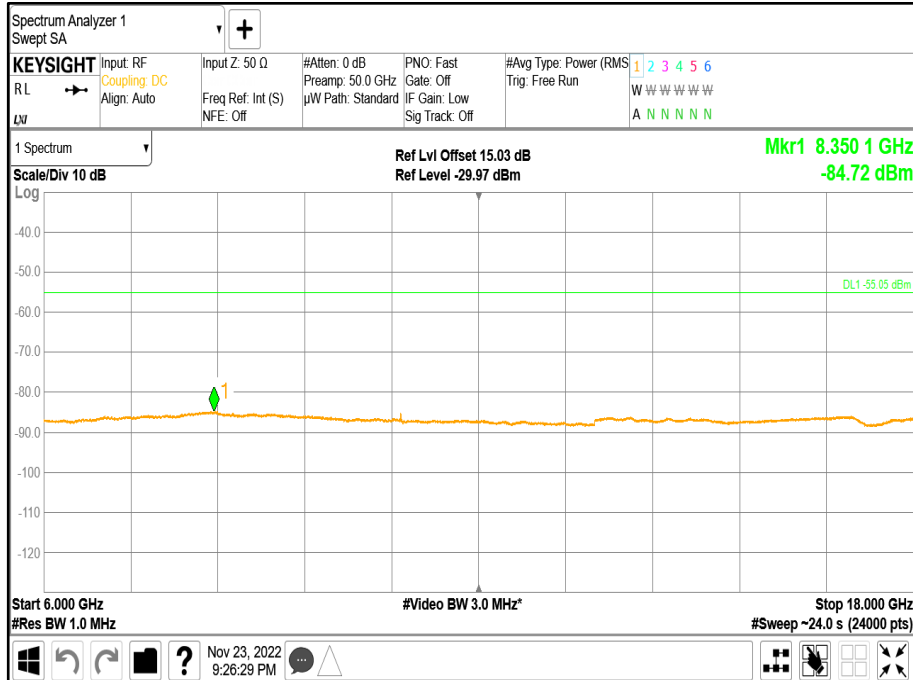


Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

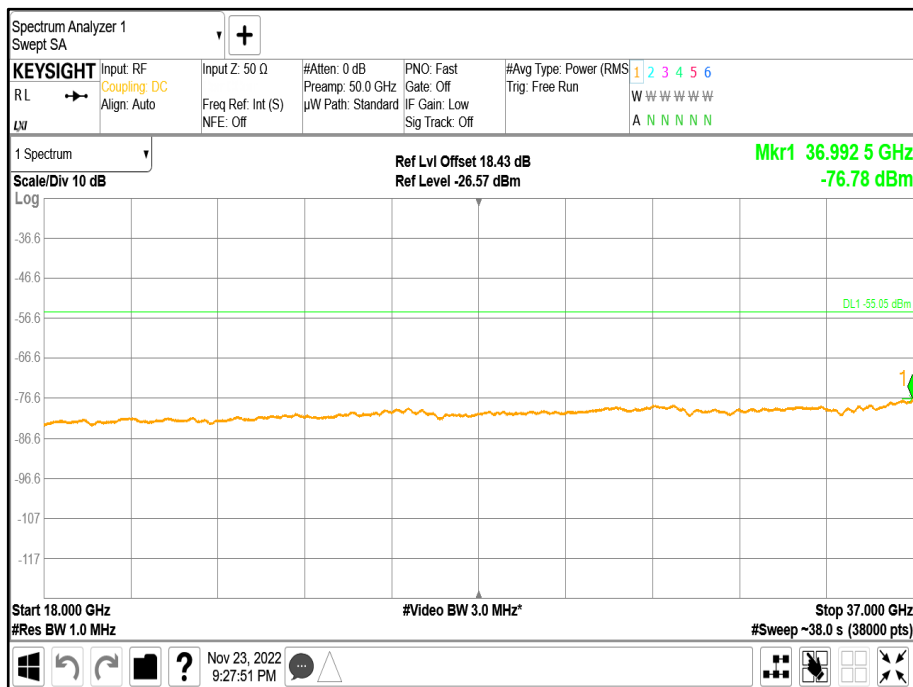




Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 6000 to 18000 MHz



Antenna 10 - NR Modulation QPSK - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz

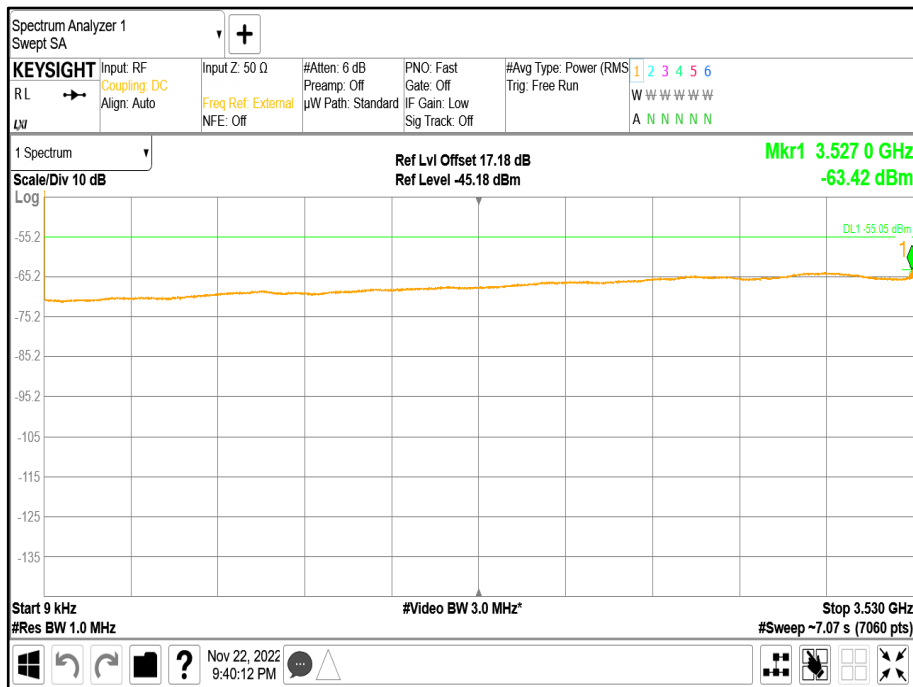




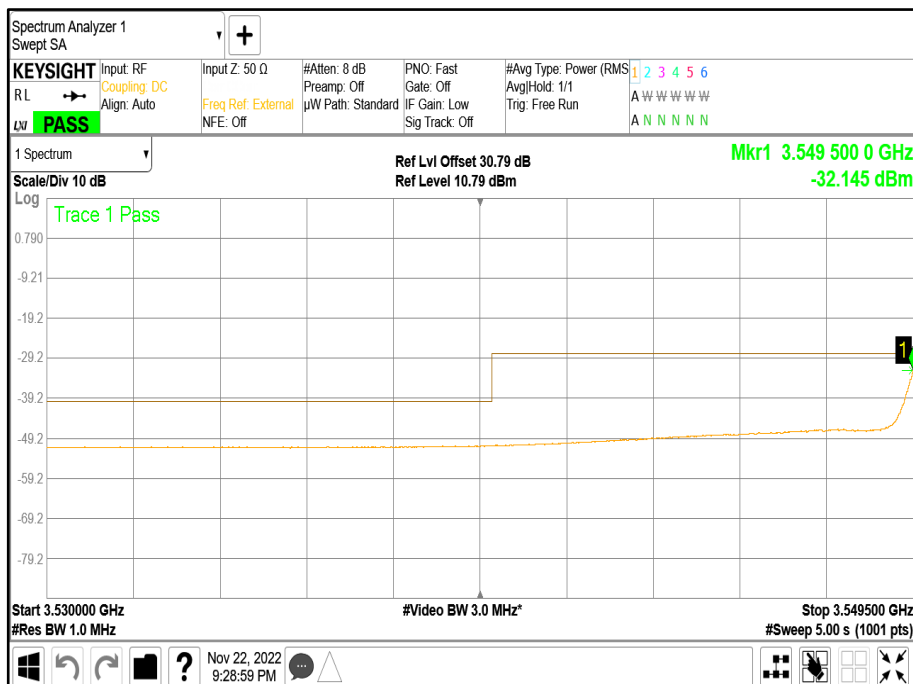
### Configuration 3

Maximum Output Power 22.27 + 25.80 dBm

Antenna 10 - LTE / NR Modulation N:QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 40.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

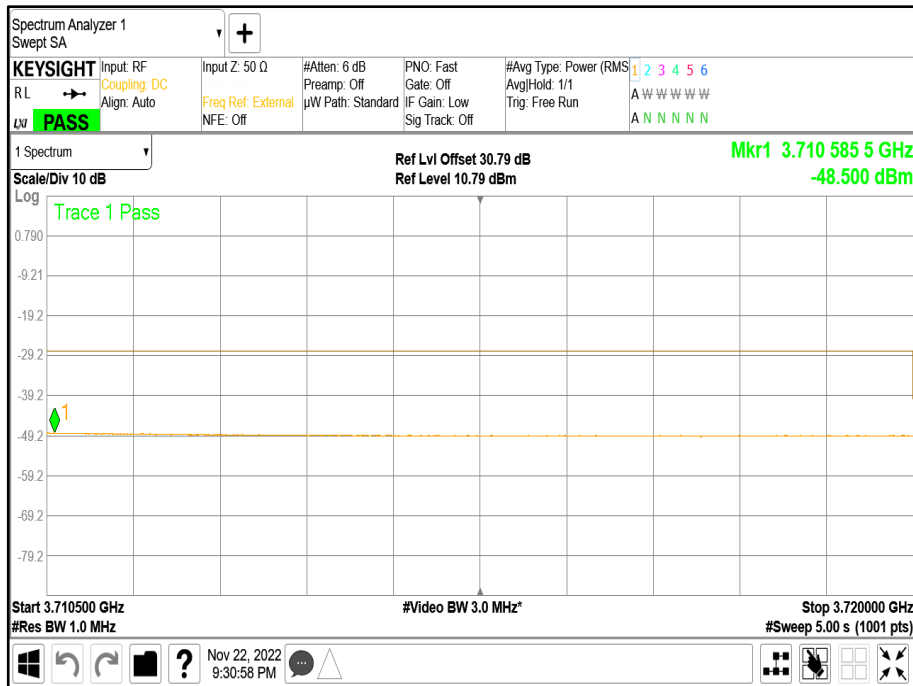


Antenna 10 - LTE / NR Modulation N:QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 40.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

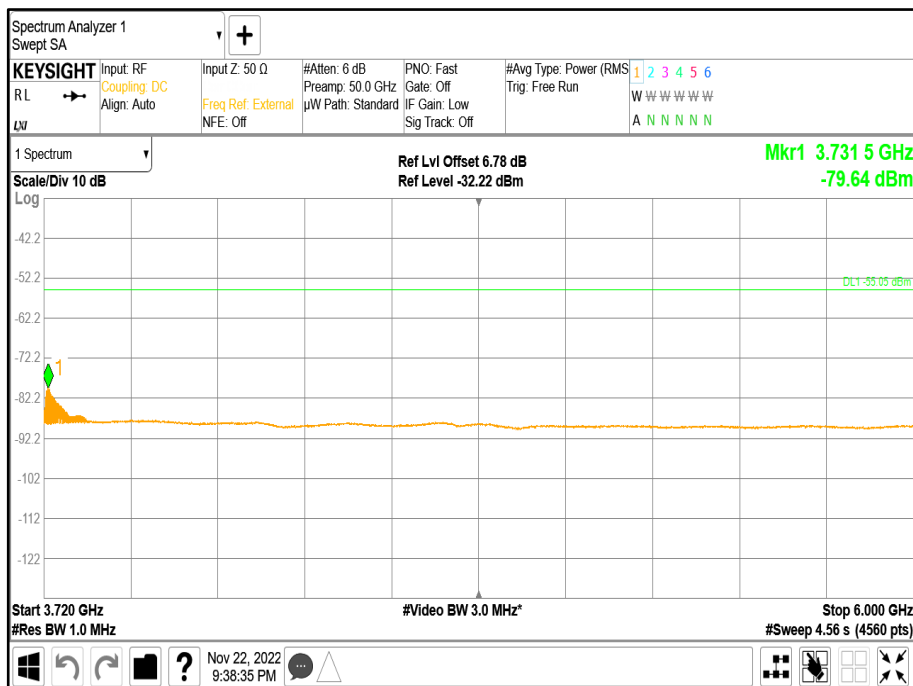




Antenna 10 - LTE / NR Modulation N:QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 40.0 MHz 30 kHz SCS - Channel Position MRFBW - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High



Antenna 10 - LTE / NR Modulation N:QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 40.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

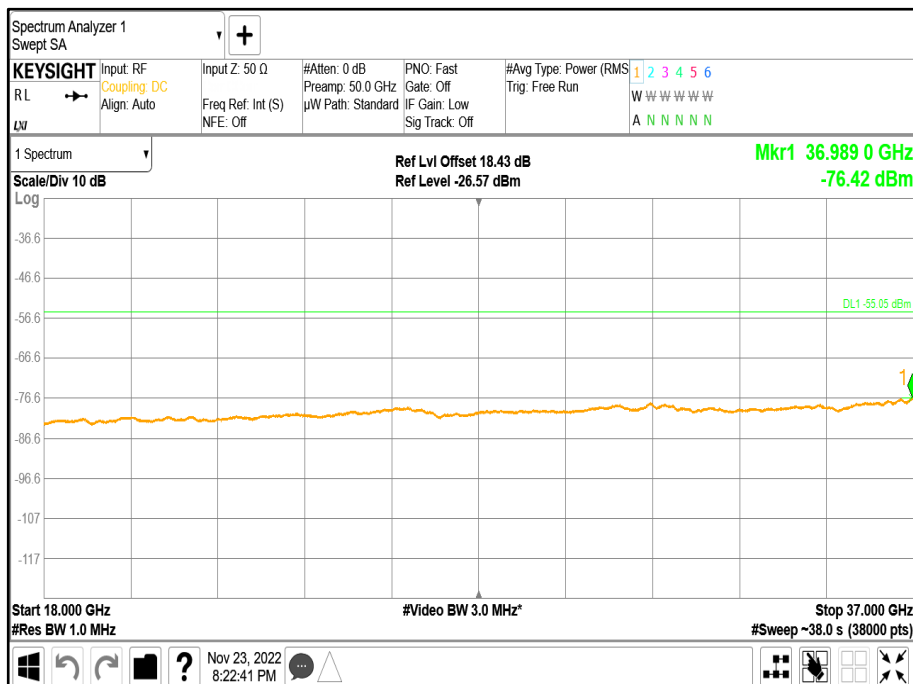




Antenna 10 - LTE / NR Modulation N:QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 40.0 MHz 30 kHz SCS - Channel Position MRFBW - Band 3 - Range 6000 to 18000 MHz



Antenna 10 - LTE / NR Modulation N:QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 40.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz



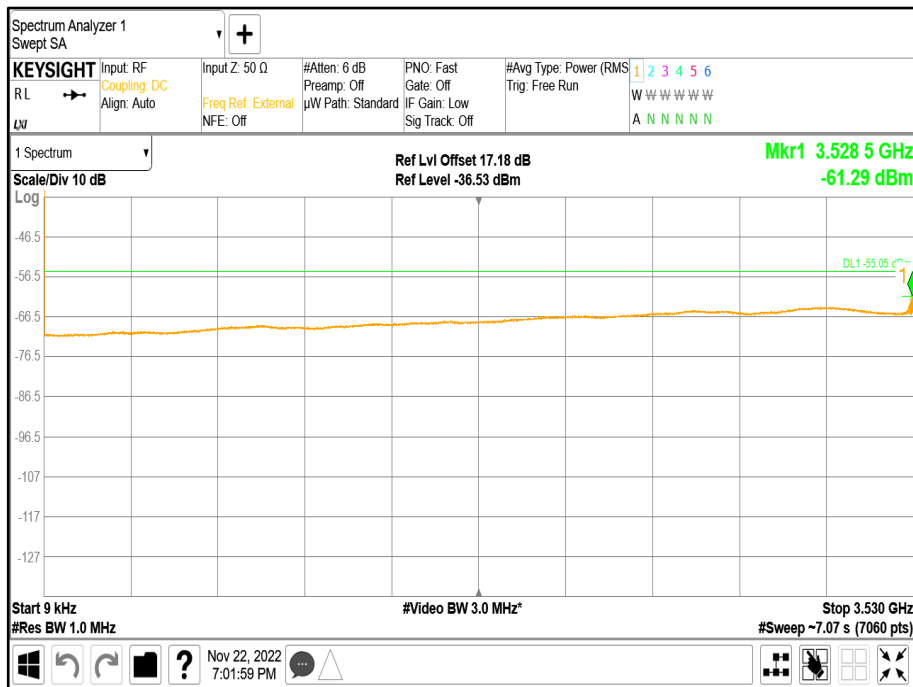




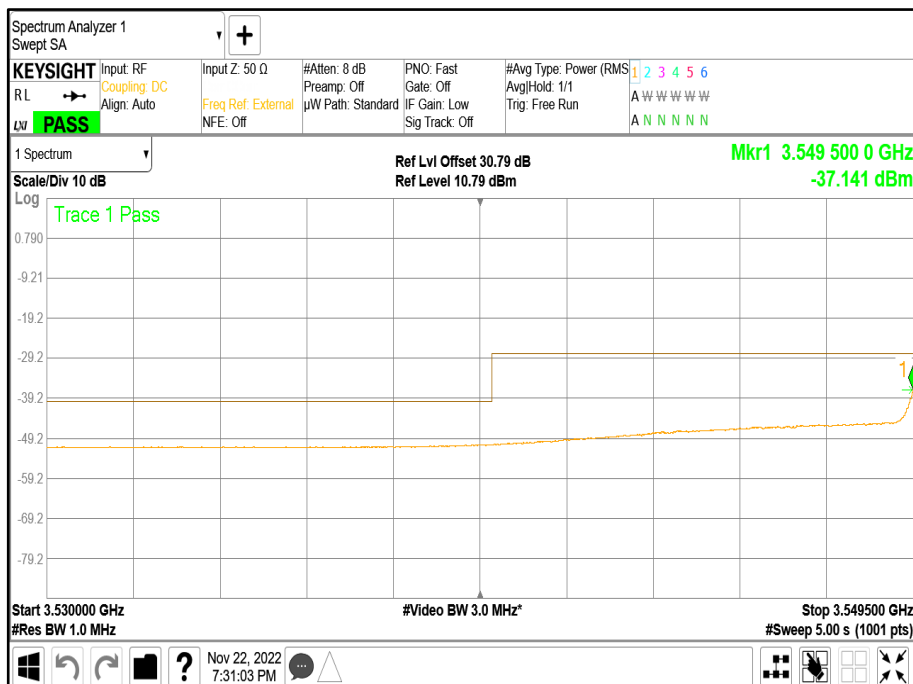
### Configuration 4

Maximum Output Power 2 x 22.27 + 3 x 22.27 dBm

Antenna 10 - LTE / NR Modulation QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 20.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 0.009 to 3530 MHz

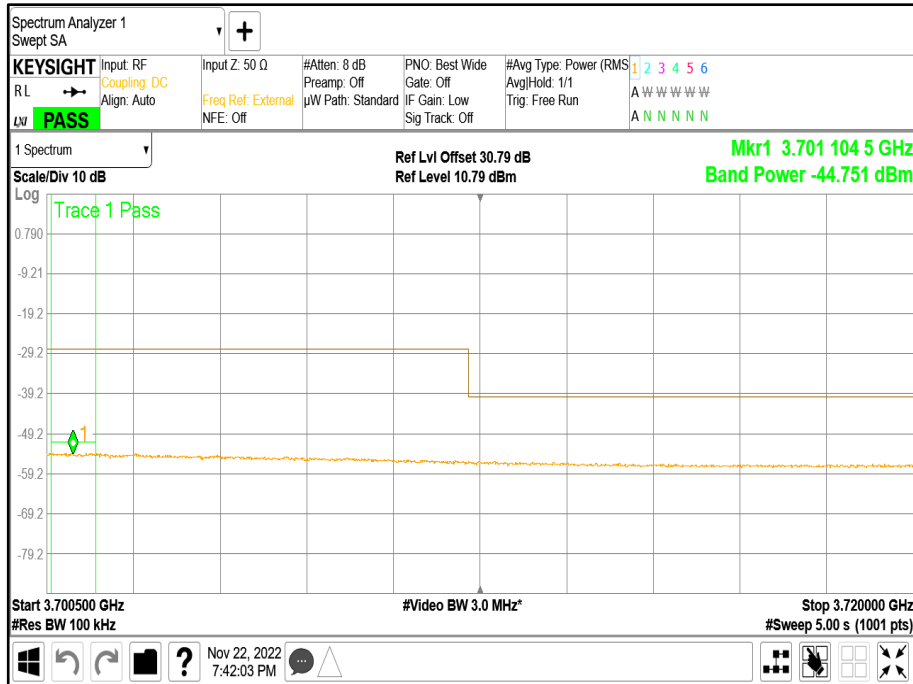


Antenna 10 - LTE / NR Modulation QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 20.0 MHz 30 kHz SCS - Channel Position M - Band Mask Low - Range 3530 to 3720 MHz - Mask Low

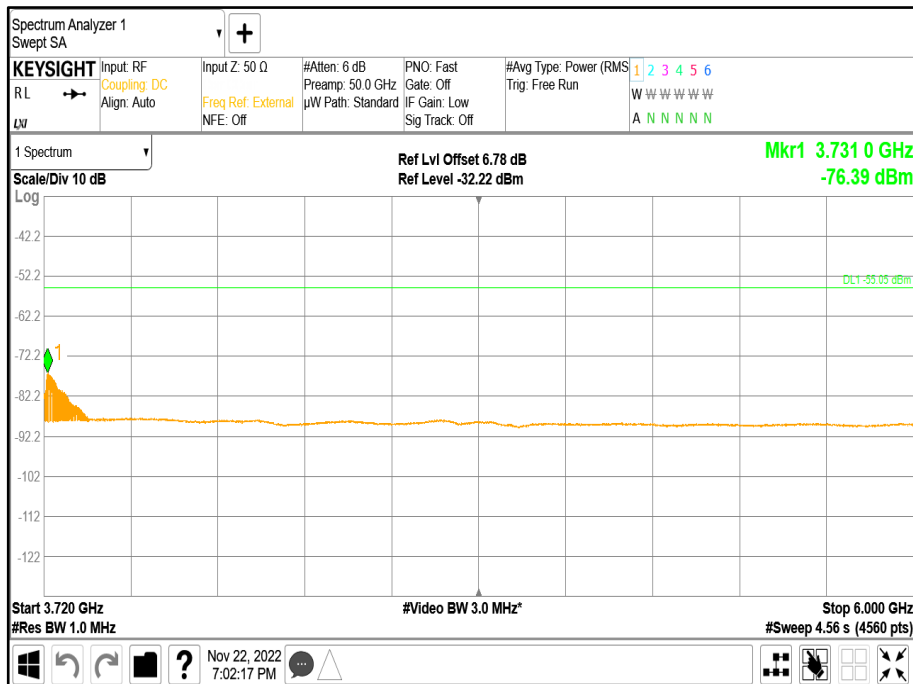




Antenna 10 - LTE / NR Modulation QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 20.0 MHz 30 kHz SCS - Channel Position MRFBW - Band Mask\_High - Range 3530 to 3720 MHz - Mask\_High



Antenna 10 - LTE / NR Modulation QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 20.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3720 to 6000 MHz

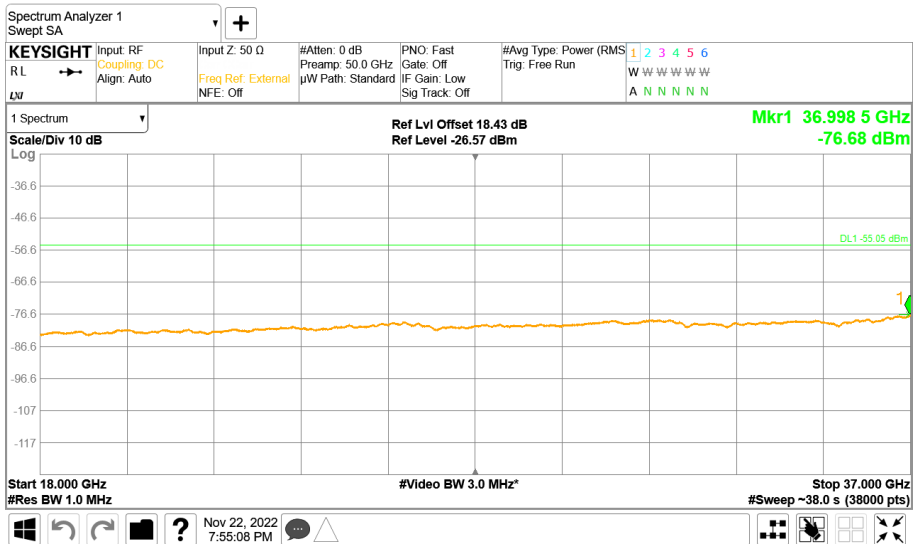




Antenna 10 - LTE / NR Modulation QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 20.0 MHz 30 kHz SCS - Channel Position MRFBW - Band 3 - Range 6000 to 18000 MHz



Antenna 10 - LTE / NR Modulation QPSK / QPSK - LTE / NR Carrier Bandwidth 20.0 MHz / 20.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 37000 MHz





Limit Clauses 96.41 e(1)(i), e (2) and e(3)

3530-3450 MHz = -25 dBm/MHz 3540-3550 MHz = -13 dBm/MHz 3700-3710 MHz = -13 dBm/MHz 3710-3720 MHz = -25 dBm/MHz
--

9 kHz-3530 MHz = -40 dBm/MHz 3720 MHz - 40 GHz = -40 dBm/MHz
---



**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**

16 November 2022 - 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 22.6°C  
Relative Humidity 39.6%

**2.5.5 Test Method**

All measurements were made in accordance with FCC KDB 971168 D01, Clause 9 and ANSI C63.26 Clause 5.6

**2.5.6 Test Results**

Configuration 1

Maximum Output Power 25.80 dBm

Temperature	Voltage	Frequency Error (Hz)
		Channel Position M
-30°C	-48.0 V DC	3.42
-20°C	-48.0 V DC	2.88
-10°C	-48.0 V DC	1.98
0°C	-48.0 V DC	3.33
+10°C	-48.0 V DC	2.62
+20°C	-40.8 V DC	20.51
+20°C	-48.0 V DC	2.70
+20°C	-55.2 V DC	2.81
+30°C	-48.0 V DC	2.57
+40°C	-48.0 V DC	2.33
+50°C	-48.0 V DC	1.99

FCC CFR 47 Part 2, Clause 2.1055

Limit	The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.
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### **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
<b>Maximum Peak Output Power and Peak to Average Ratio - Conducted</b>					
PXA Signal Analyzer	Keysight	N9030B	BAMS-1002016870	12	24-May-2023
Thermo Hygrobarometer	RS PRO	1160	TE5824	12	19-Jul-2023
Power Supply	Agilent Technologies	N8738A	BAMS-1001518021	N/A	O/P Mon
Multimeter	FLUKE	75III	TE0455	12	01-Dec-2022
Spectrum System	TUV SUD	-	TE5991	N/A	O/P Mon
<b>Occupied Bandwidth</b>					
PXA Signal Analyzer	Keysight	N9030B	BAMS-1002016870	12	24-May-2023
Thermo Hygrobarometer	RS PRO	1160	TE5824	12	19-Jul-2023
Power Supply	Agilent Technologies	N8738A	BAMS-1001518021	N/A	O/P Mon
Multimeter	FLUKE	75III	TE0455	12	01-Dec-2022
Spectrum System	TUV SUD	-	TE5991	N/A	O/P Mon
<b>Band Edge</b>					
PXA Signal Analyzer	Keysight	N9030B	BAMS-1002020934	12	15-Feb-2023
Network Analyzer	Agilent Technologies	N5230A	BAMS-1000635869	12	22-Sep-2023
Power Supply	Agilent Technologies	N8738A	BAMS-1001674522	N/A	O/P Mon
Multimeter	FLUKE	75III	TE0455	12	01-Dec-2022
Thermo Hygrobarometer	RS PRO	1160	TE5824	12	19-Jul-2023
Attenuator 20dB	Aerflex	6834-20-11	QM935	N/A	O/P Mon
Attenuator 10dB	Weinschel	56-10	T3528	N/A	O/P Mon
<b>Transmitter Spurious Emissions</b>					
PXA Signal Analyzer	Keysight	N9030B	BAMS-1002020934	12	15-Feb-2023
Network Analyzer	Agilent Technologies	N5230A	BAMS-1000635869	12	22-Sep-2023
Power Supply	Agilent Technologies	N8738A	BAMS-1001674522	N/A	O/P Mon
Multimeter	FLUKE	75III	TE0455	12	01-Dec-2022
Thermo Hygrobarometer	RS PRO	1160	TE5824	12	19-Jul-2023
Attenuator 20dB	Aerflex	6834-20-11	QM935	N/A	O/P Mon
Attenuator 10dB	Weinschel	56-10	T3528	N/A	O/P Mon
High Pass filter	RF-Lambda	RHPF23G06G40	-	N/A	O/P Mon
Band rejection filter	Creoway	CW-DPF-3550-3700-E13-M2	BAMS-1017040477	N/A	O/P Mon
<b>Frequency Stability</b>					
Signal & Spectrum Analyzer	R&S	FSW	BAMS 1001988511	12	16-Dec-2022
Thermo Hygro Barometer	RS PRO	1160	5824	12	19-Jul-2023
Thermometer	Fluke	51 K/J	2267	12	25-Jan-2023
Climatic Chamber	Vötsch	VCS 50017/S	BAMS 1001235892	-	O/P Mon
Power Supply	Keysight	N8738A	BAMS 1001643633	-	O/P Mon
Digital Multimeter	Fluke	79 SERIES II	3057	12	22-Aug-2023

N/A – Not Applicable

O/P Mon – Output Monitored with Calibrated Equipment



### 3.2 MEASUREMENT UNCERTAINTY

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

Test Discipline	Frequency / Parameter	MU	MU Unit	
Conducted Maximum Peak Output Power-Spectrum	3550 MHz to 3700 MHz	±1.38	dB	
Conducted Emissions- HP-VEE Software	9kHz to 37GHz	±1.83	dB	
Frequency Stability - HP-VEE Software	3550 MHz to 3700 MHz	± 127	Hz	
Occupied Bandwidth - Spectrum	Up to 20 MHz Bandwidth	10 MHz Bandwidth	± 96144	Hz
		20 MHz Bandwidth	± 190404	Hz
PSD - Spectrum	3550 MHz to 3700 MHz	±1.38	dB	
Band Edge - HP-VEE Software	3550 MHz to 3700 MHz	±1.38	dB	

#### Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the results of the compliance measurement and does not take into account measurement instrumentation uncertainty as defined in ANSI C63.26:2015 Clause 1.3.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8





### 3.3 MEASUREMENT SOFTWARE USED

List of measurement software versions used for testing.

Instrument	Manufacturer	Type No.	TE No.	Software Version
PXA Signal Analyser (Spectrum)	Keysight	N9030B	BAMS-1002016870	2022 Update 2.0 Revision A.32.02
PXA Signal Analyser (HP-VEE SW)	Keysight	N9030B	BAMS 1002020934	2022 Update 1.0 Revision A.31.05
HP-VEE Software	TUV SUD	HP_VEE	N/A	V3.34
Spectrum	TUV SUD	SCU004	TE5991	*1.4.1/1.6.1/1.8.0/1.8.1/1.8.2/1.9.2

\* Details of which Spectrum software version was used for which test are held on file and available on request



## **SECTION 5**

### **ACCREDITATION, DISCLAIMERS AND COPYRIGHT**



#### 4.1 ACCREDITATION, DISCLAIMERS AND COPYRIGHT



Accred. no. 10363  
Testing  
ISO/IEC 17025

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

Our Swedac Accreditation does not cover opinions and interpretations and any expressed are outside the scope of our Swedac Accreditation.

Results of tests not covered by our Swedac Accreditation Schedule are marked NSA  
(Not Swedac Accredited).

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TÜV SÜD Sverige

Postal Address: Adelgatan 2, 211 22 Malmö, Sweden



## **ANNEX A**

### **MODULE LIST**



Configurations Module 1 (Spectrum)			
Product	Product No	R-State	Serial No
CT-DU25	LPC102500/1	R3B	T01G522082
AIR 3268 B48	KRD 901 254/3	R1B	E23E345114
Software Version:	CXP2030039/7	Revision:	R35A89
Configurations Module 2(FCC software)			
Product	Product No	R-State	Serial No
CT-DU25	LPC102500/1	R3B	T01G522634
AIR 3268 B48	KRD 901 254/3	R1B	E23E352423
Software Version:	CXP2030039/7	Revision:	R35A89
Configurations Module 3 (Frequency Stability)			
Product	Product No	R-State	Serial No
CT-DU25	LPC102500/1	R3B	T01G522634
AIR 3268 B48	KRD 901 254/3	R1B	E23E352422
Software Version:	CXP2030039/7	Revision:	R35A89