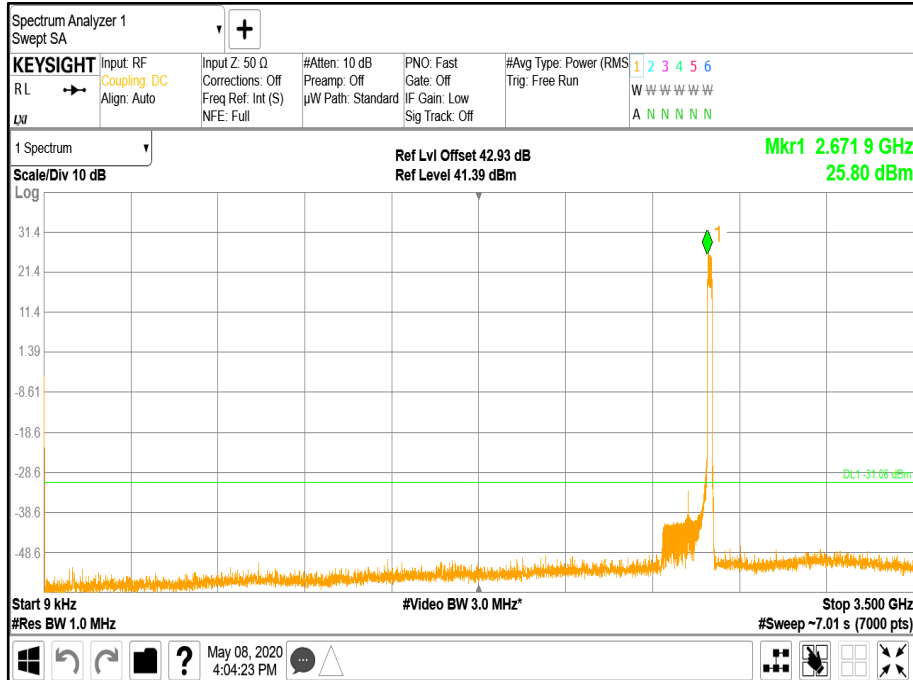
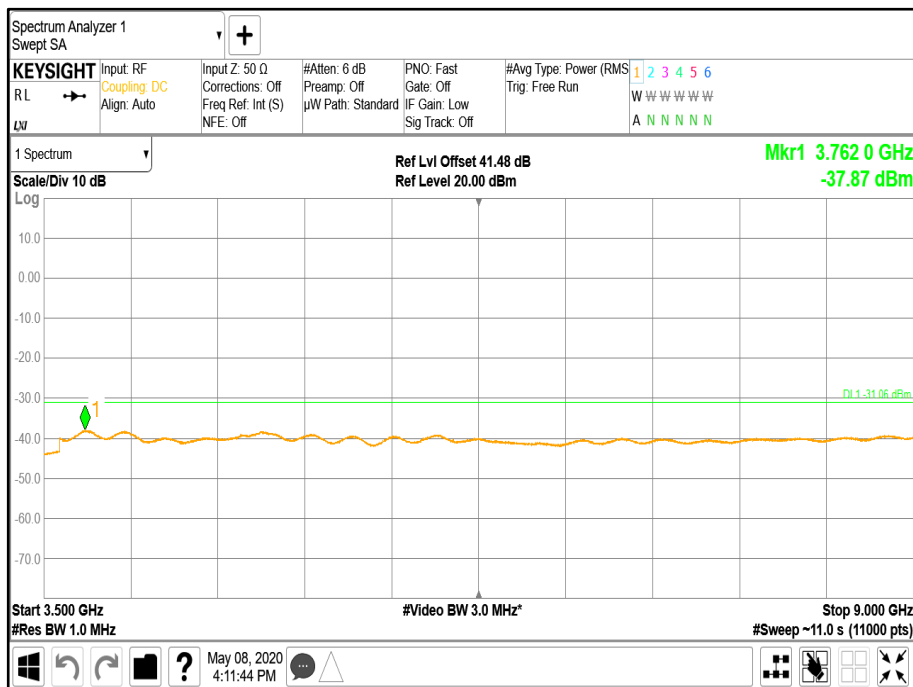




Antenna Port 10 - NR Modulation 64QAM - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

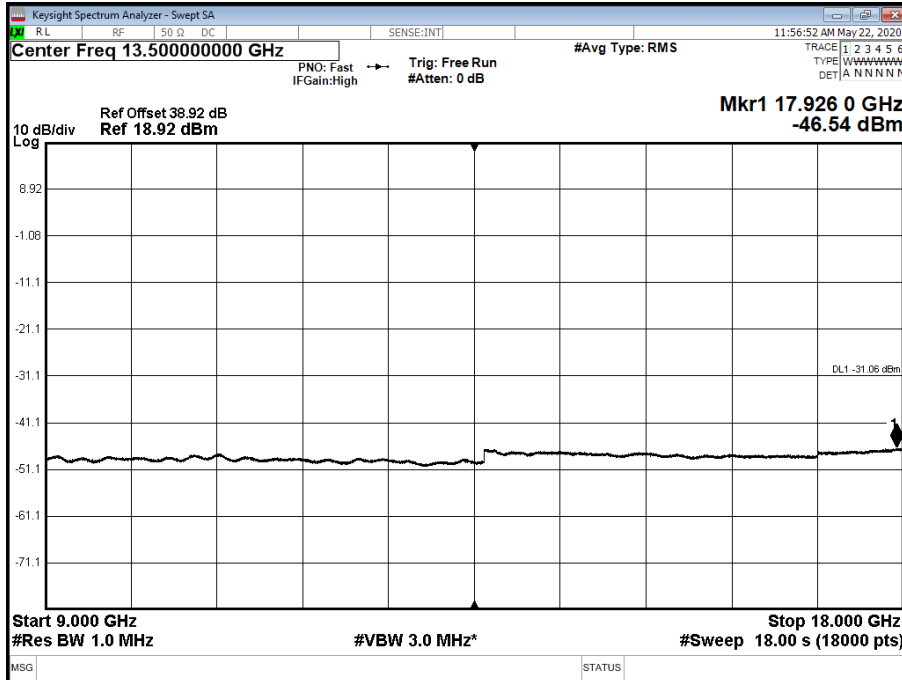


Antenna Port 10 - NR Modulation 64QAM - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

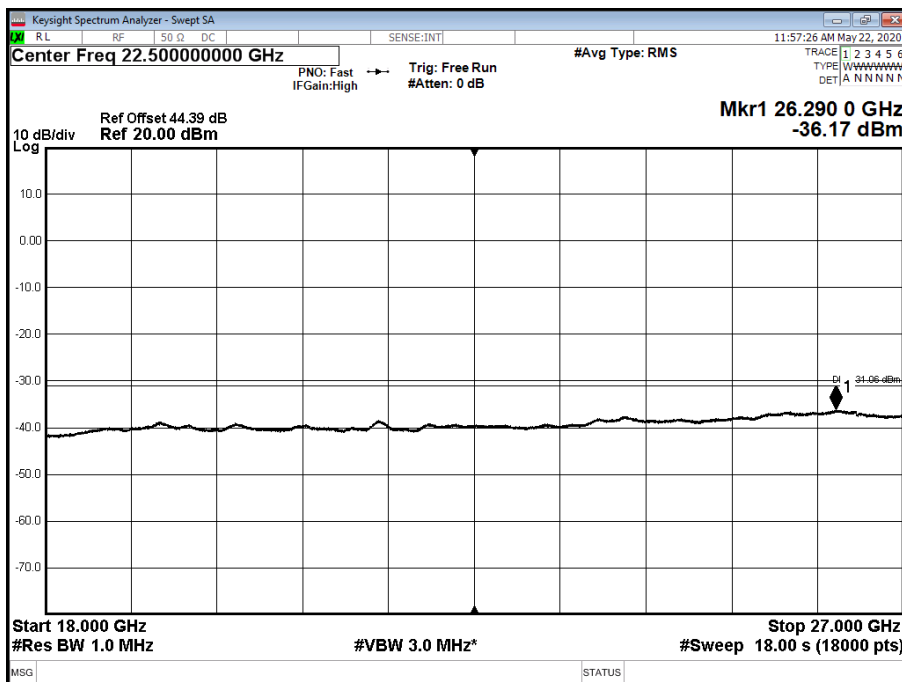




Antenna Port 10 - NR Modulation 64QAM - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 9000 to 18000 MHz

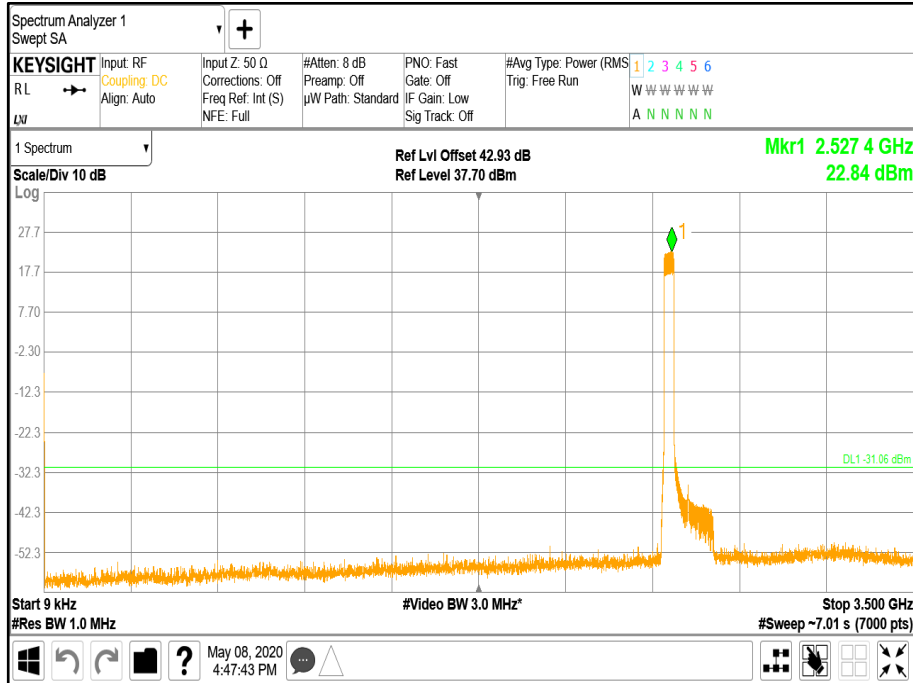


Antenna Port 10 - NR Modulation 64QAM - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz

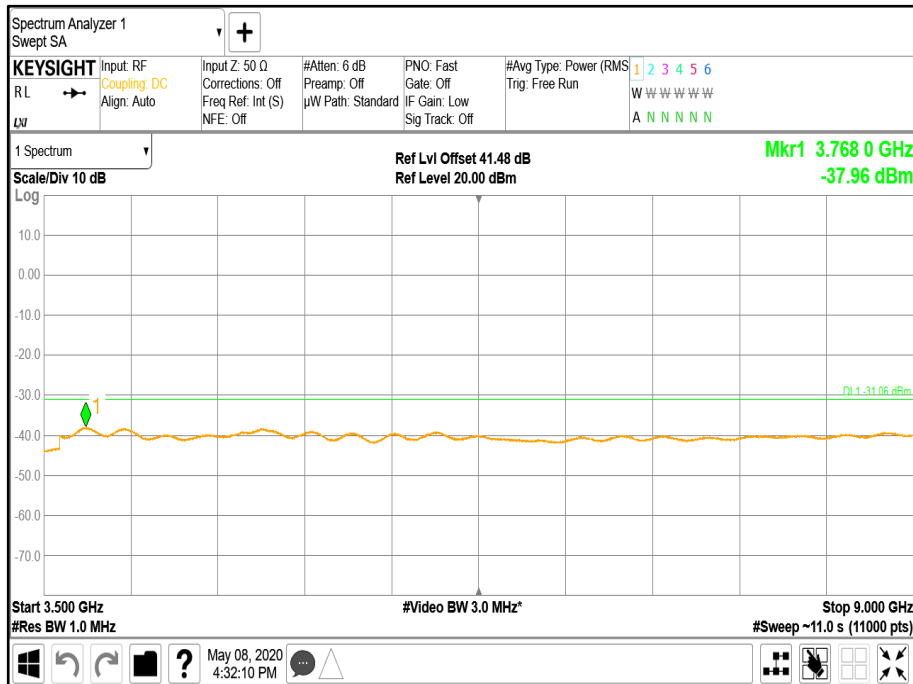




Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz

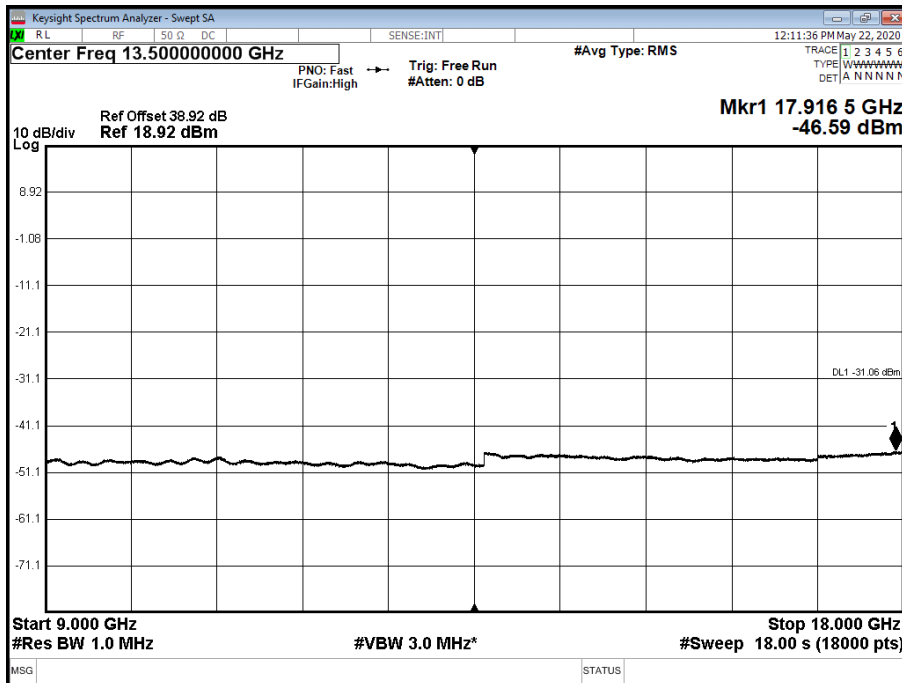


Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz

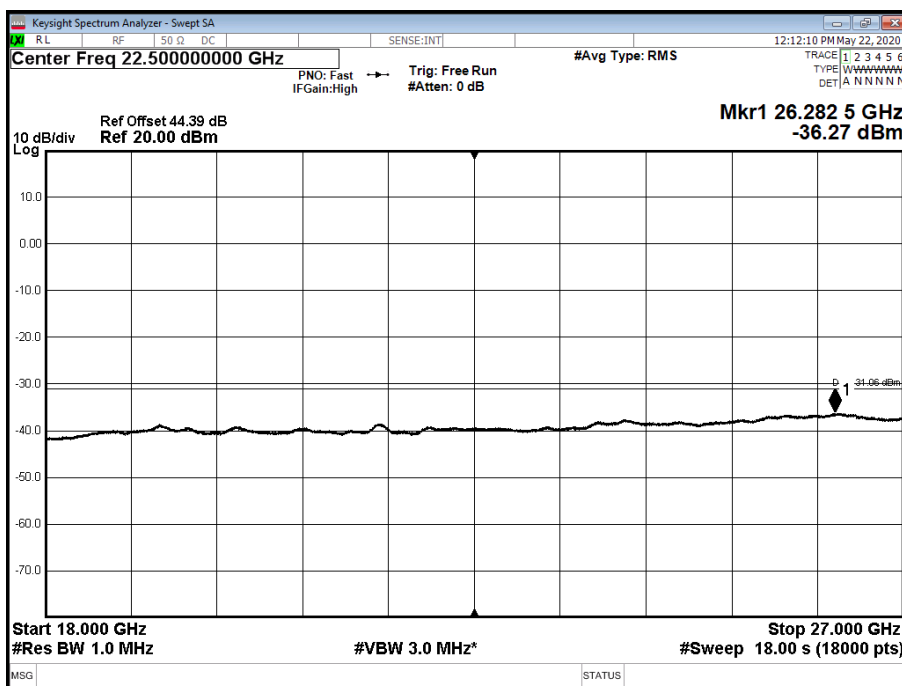




Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 9000 to 18000 MHz

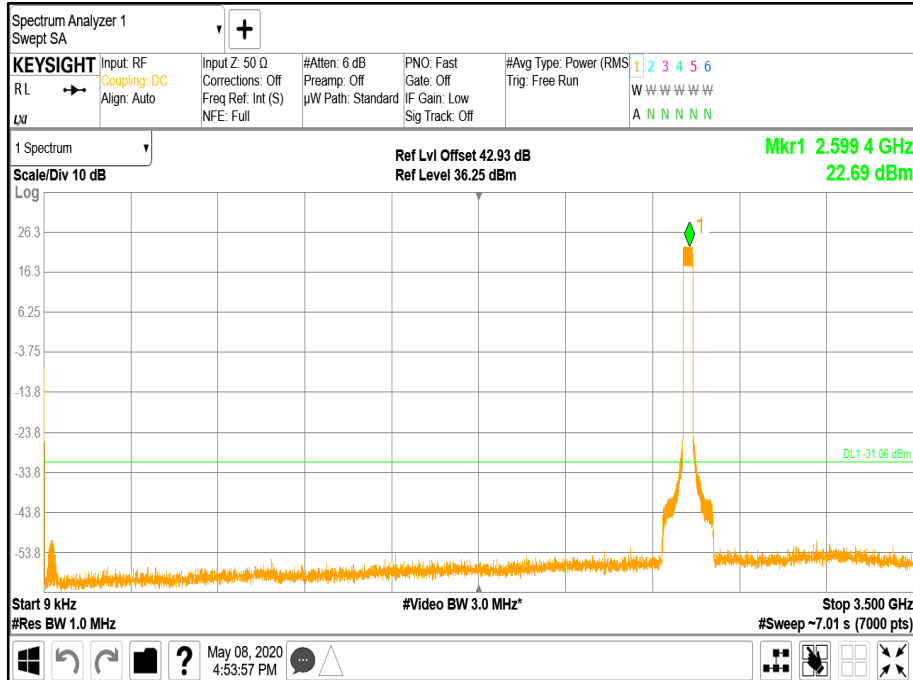


Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 27000 MHz

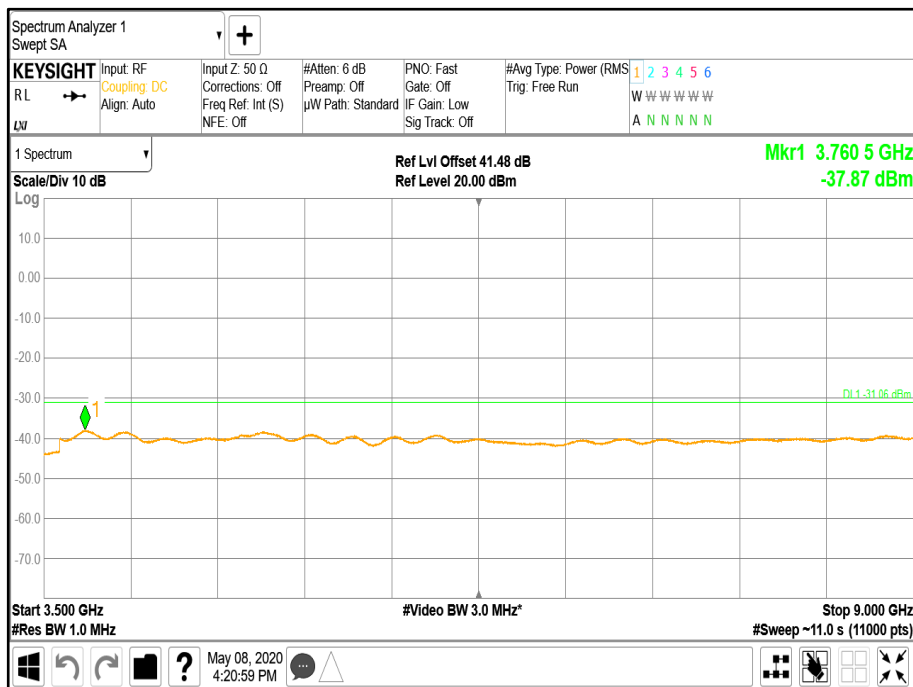




Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

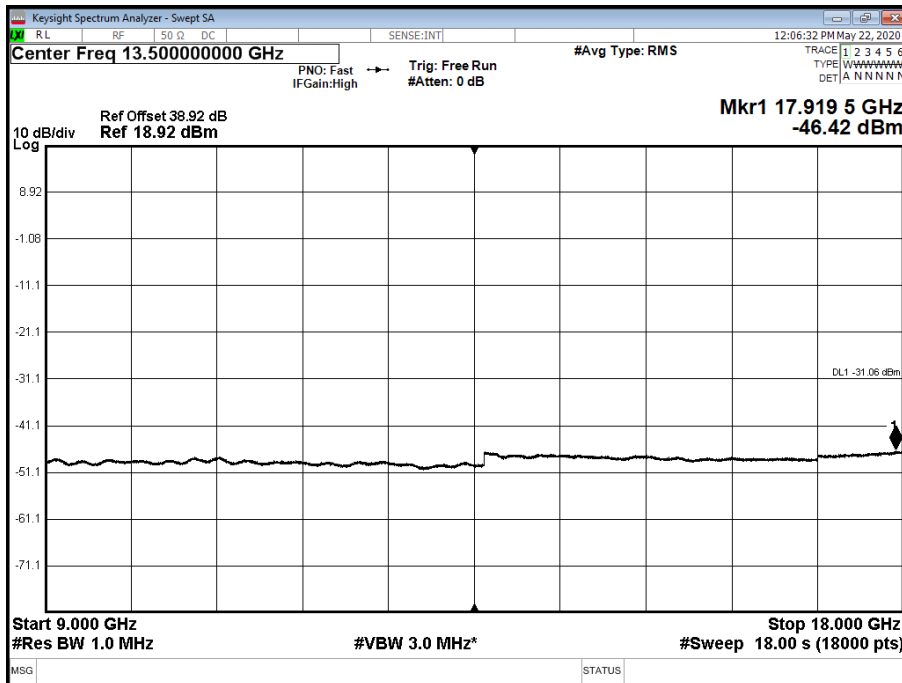


Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

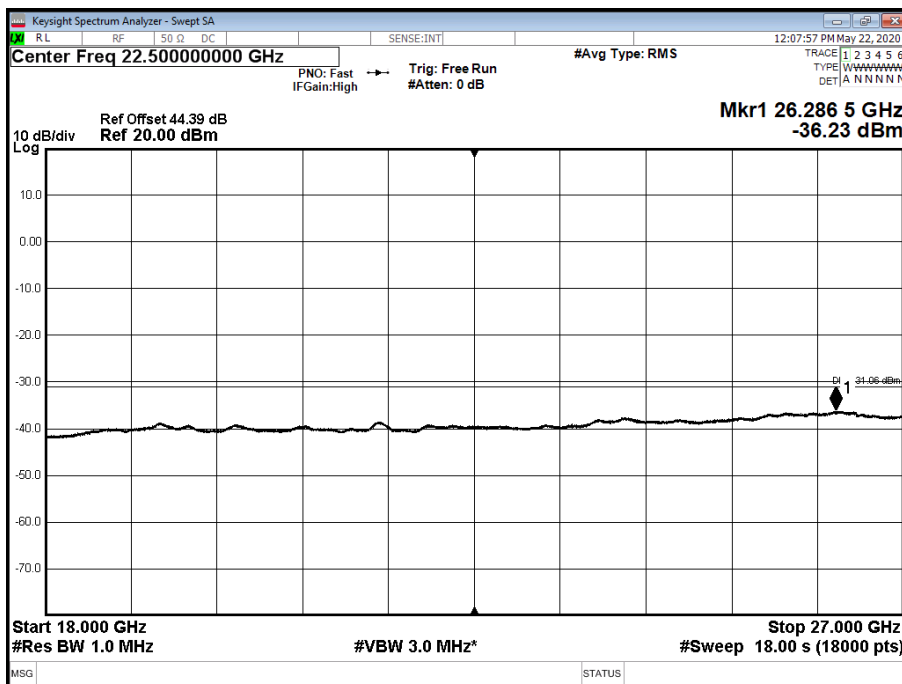




Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 9000 to 18000 MHz

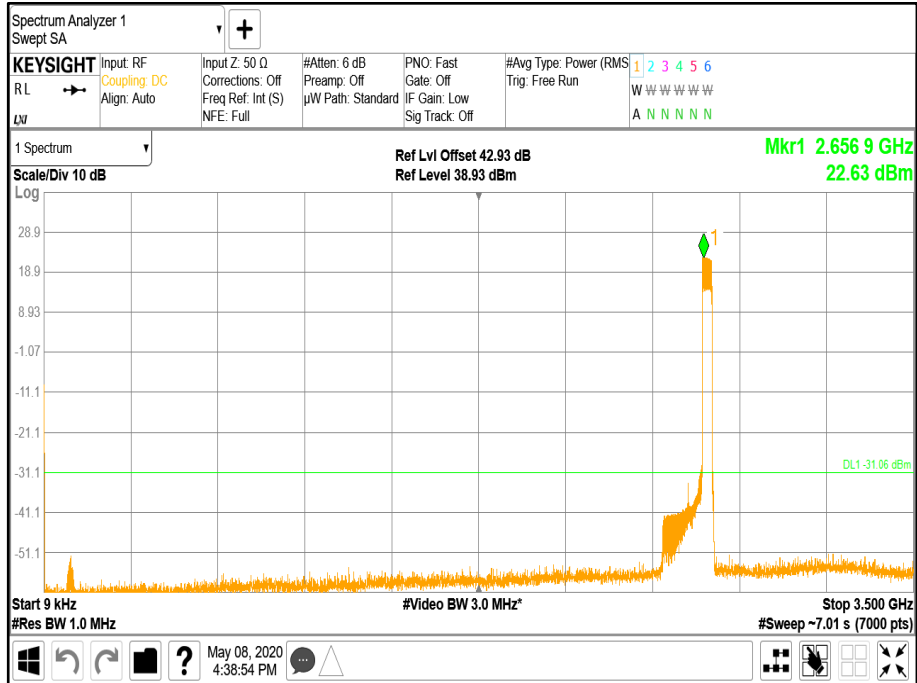


Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 27000 MHz

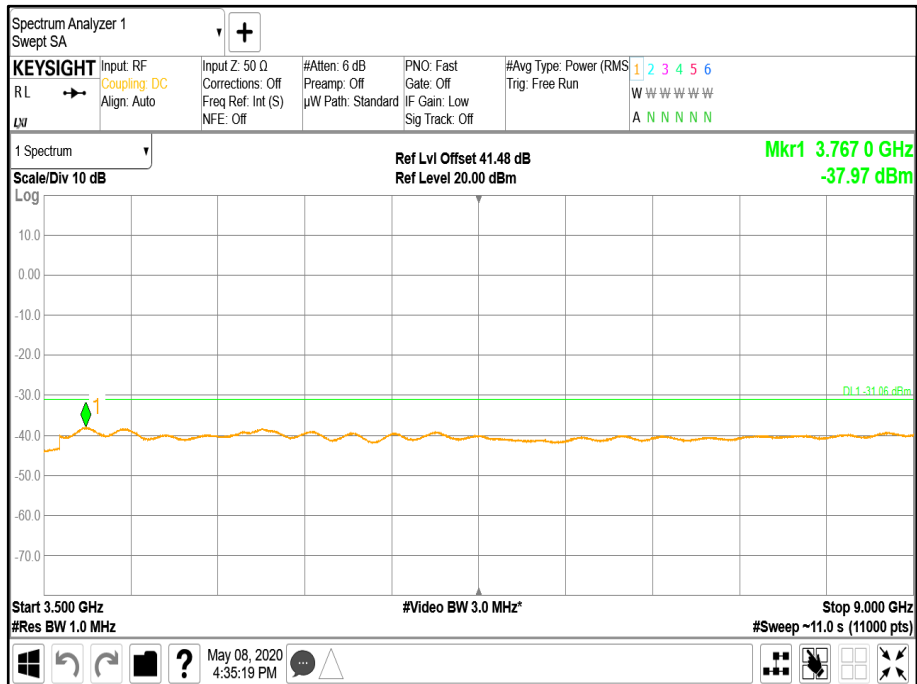




Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

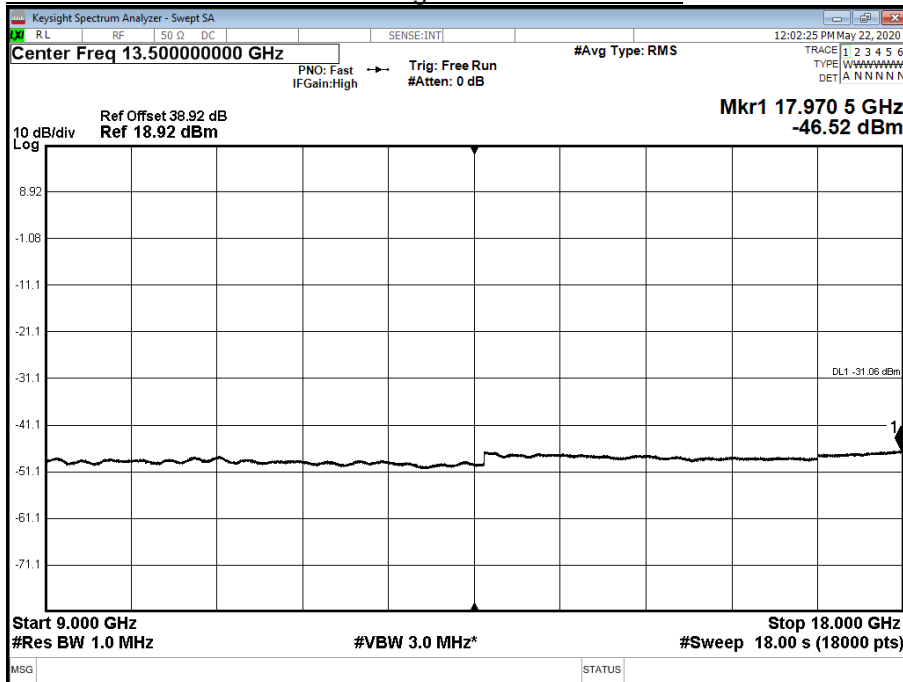


Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

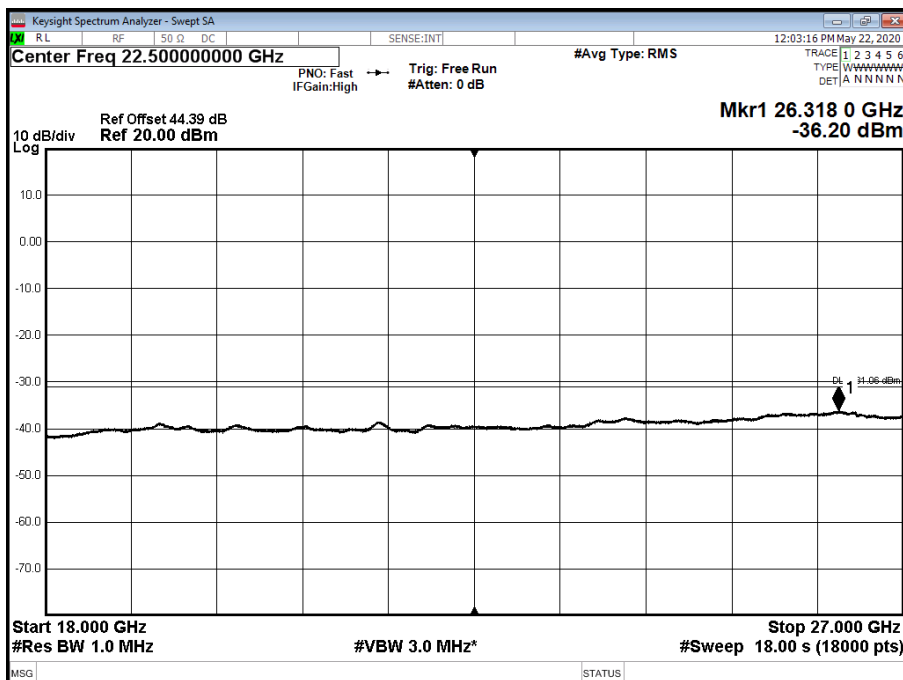




Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 9000 to 18000 MHz



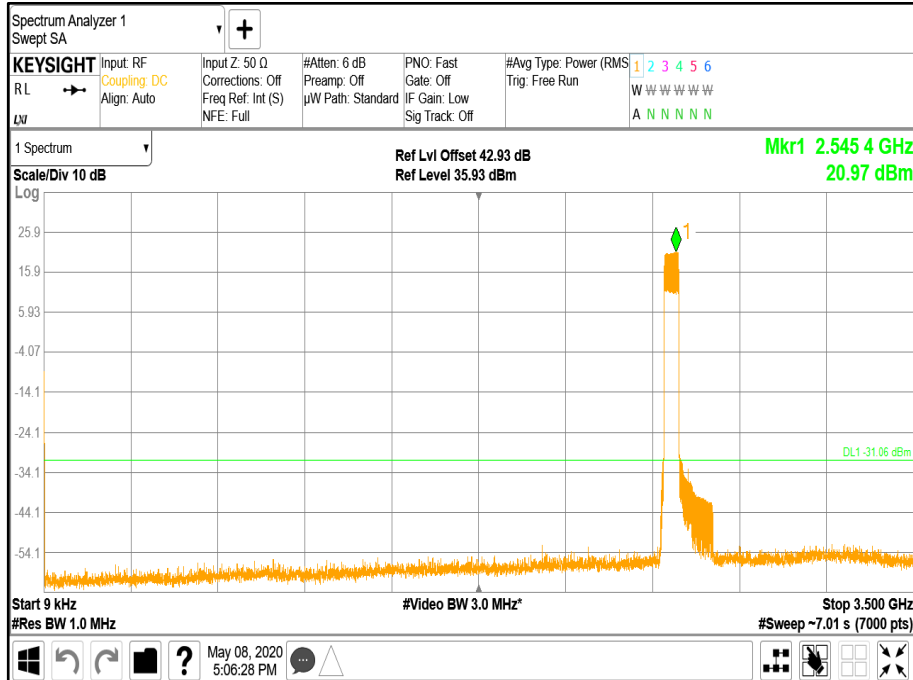
Antenna Port 2 - NR Modulation 64QAM - NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz



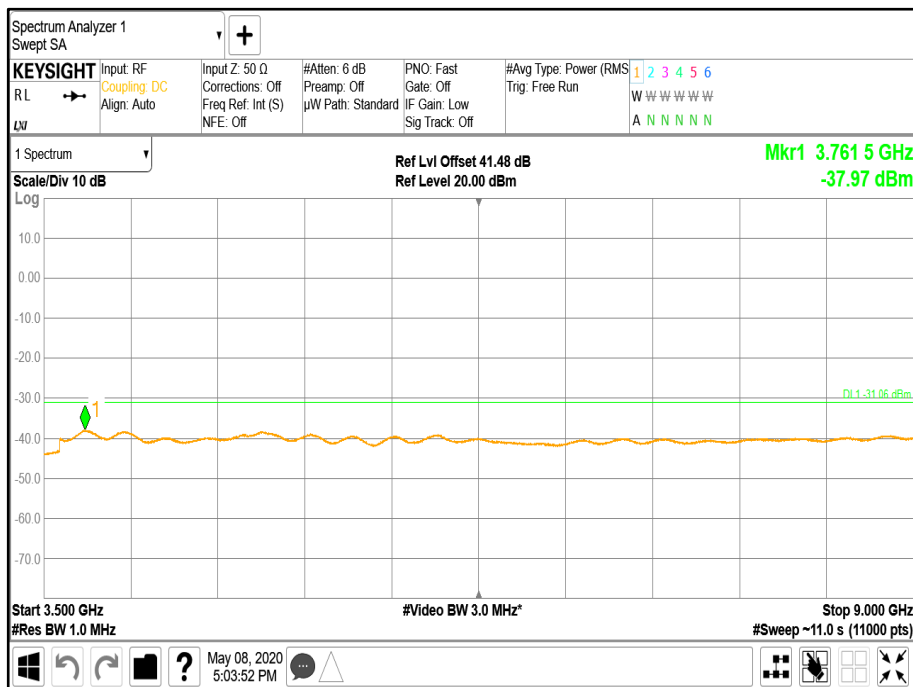




Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz

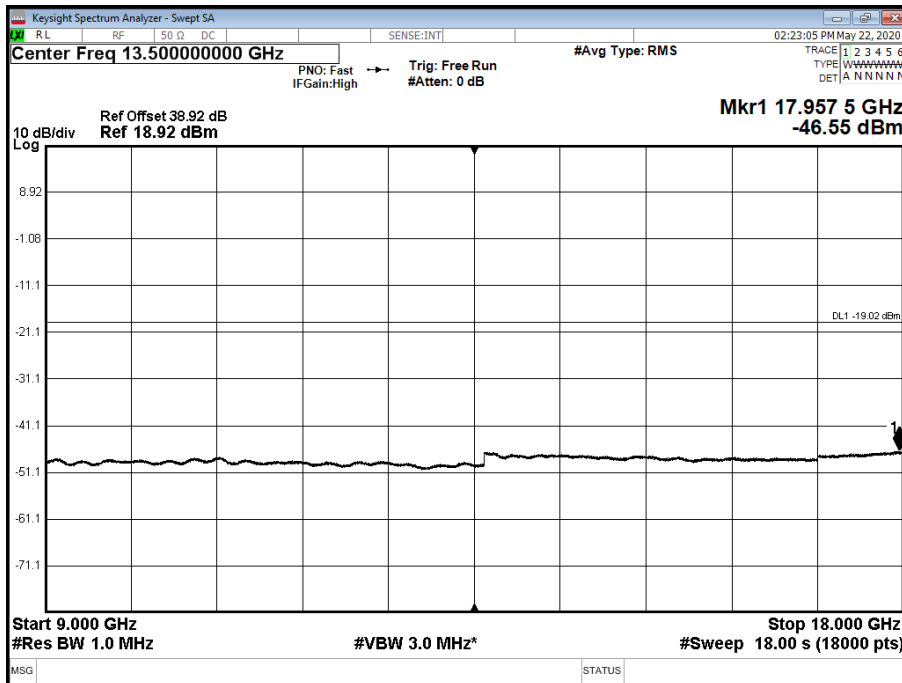


Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz

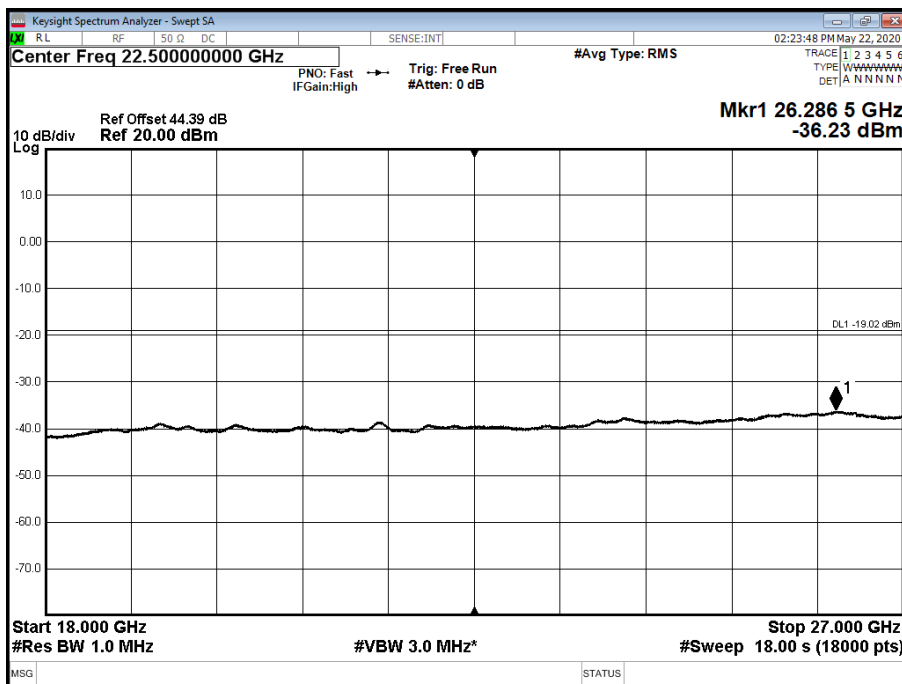




Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 9000 to 18000 MHz

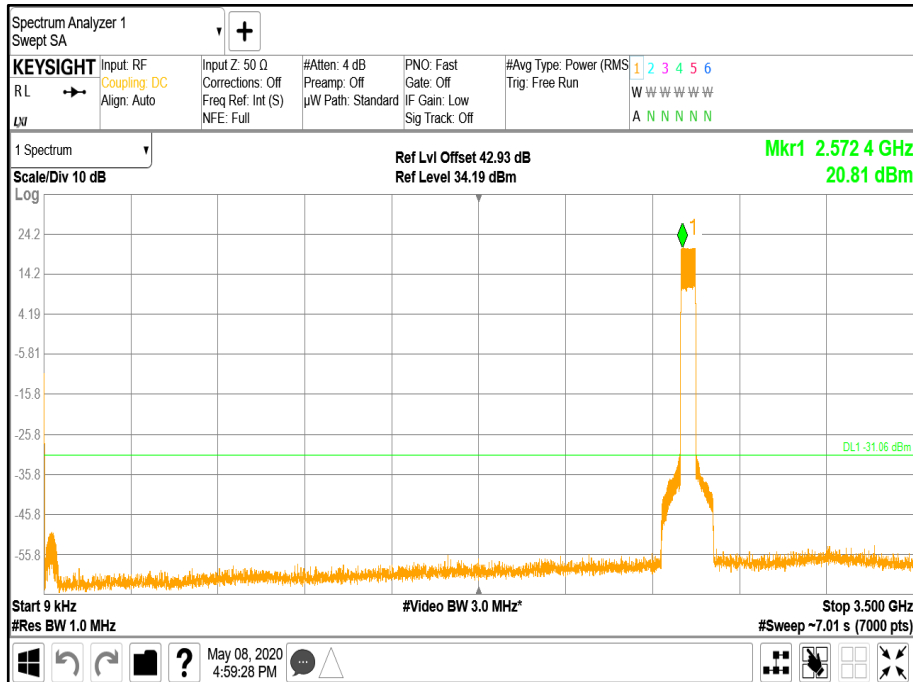


Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 27000 MHz

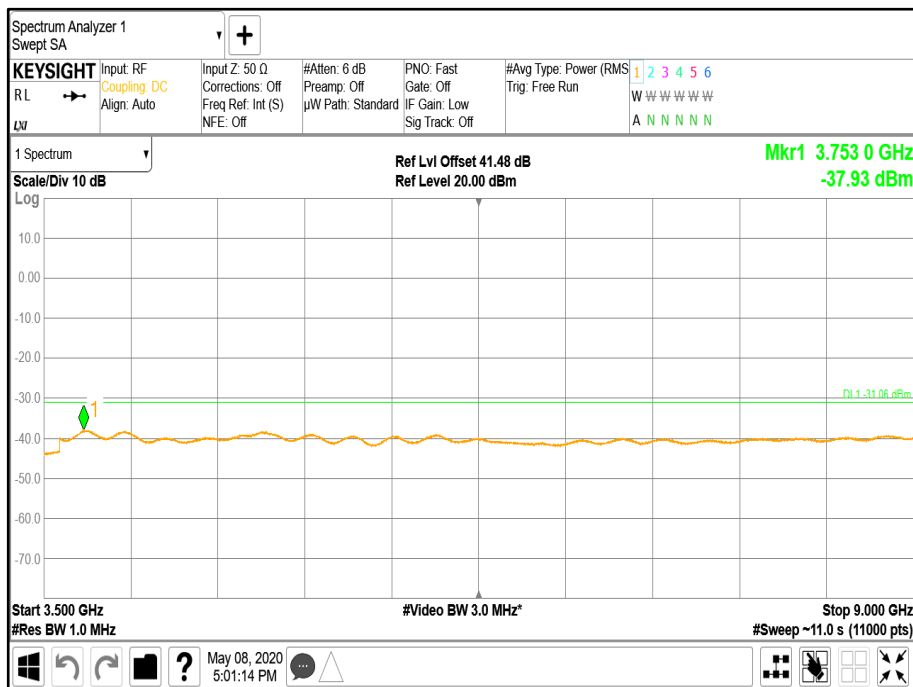




Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

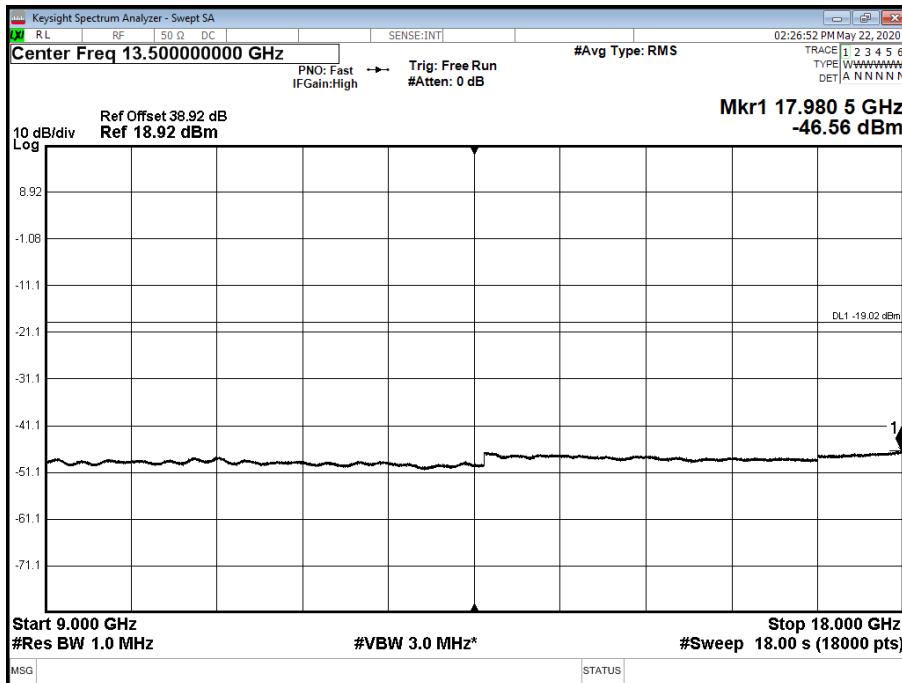


Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

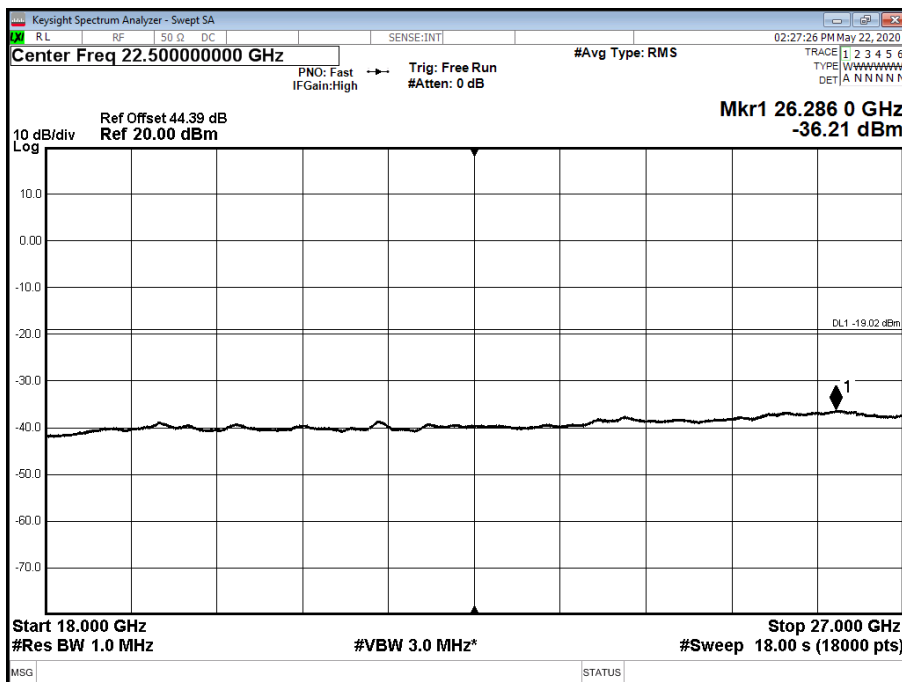




Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 9000 to 18000 MHz

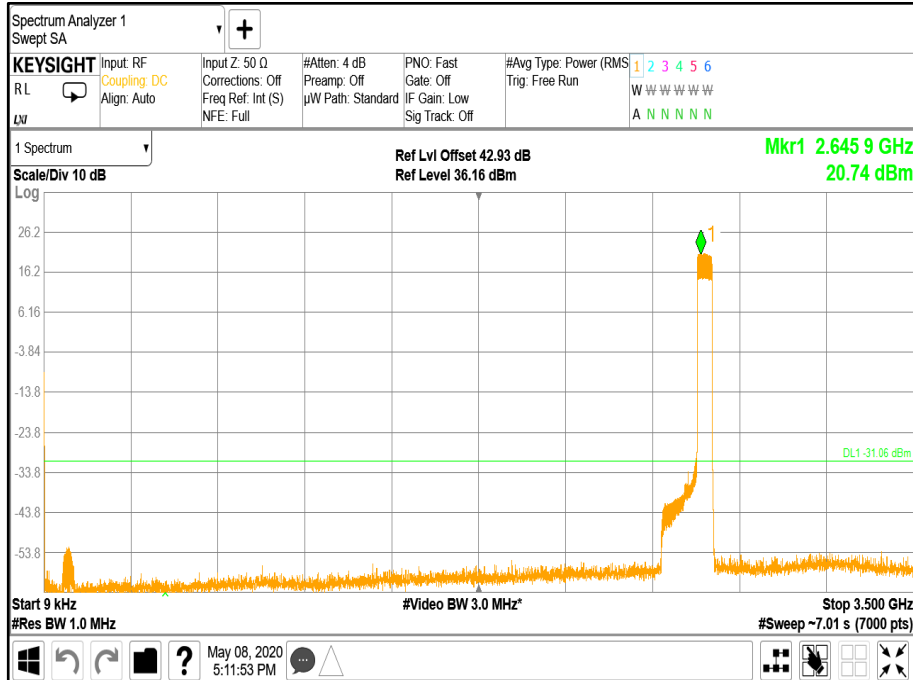


Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 27000 MHz

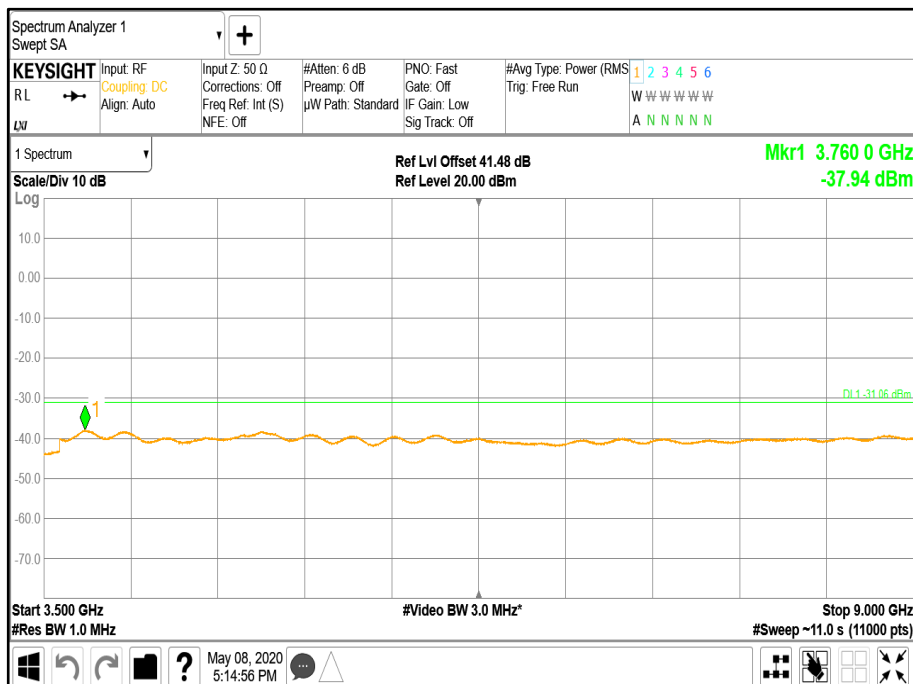




Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

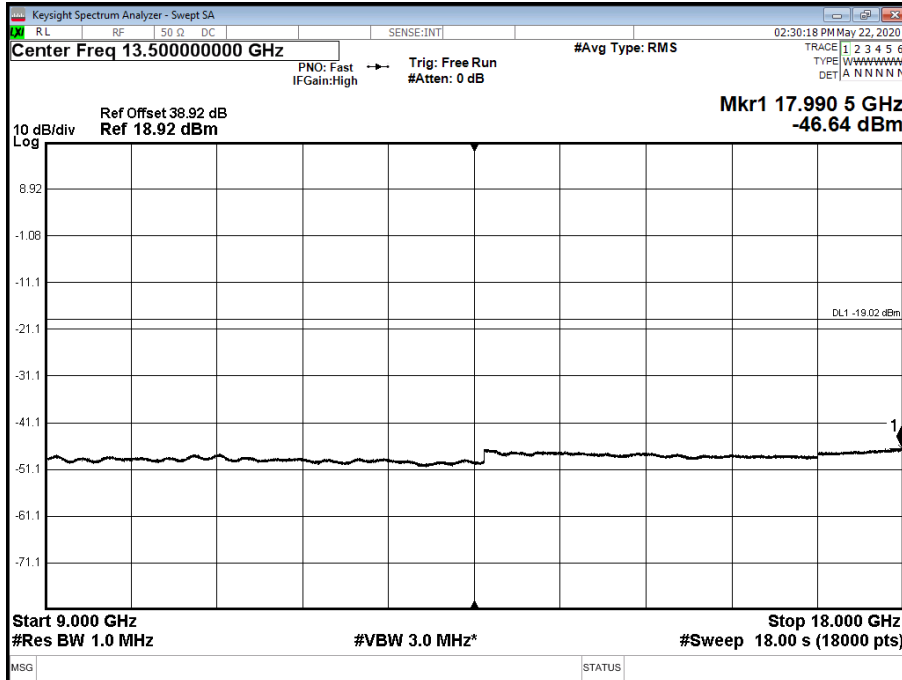


Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

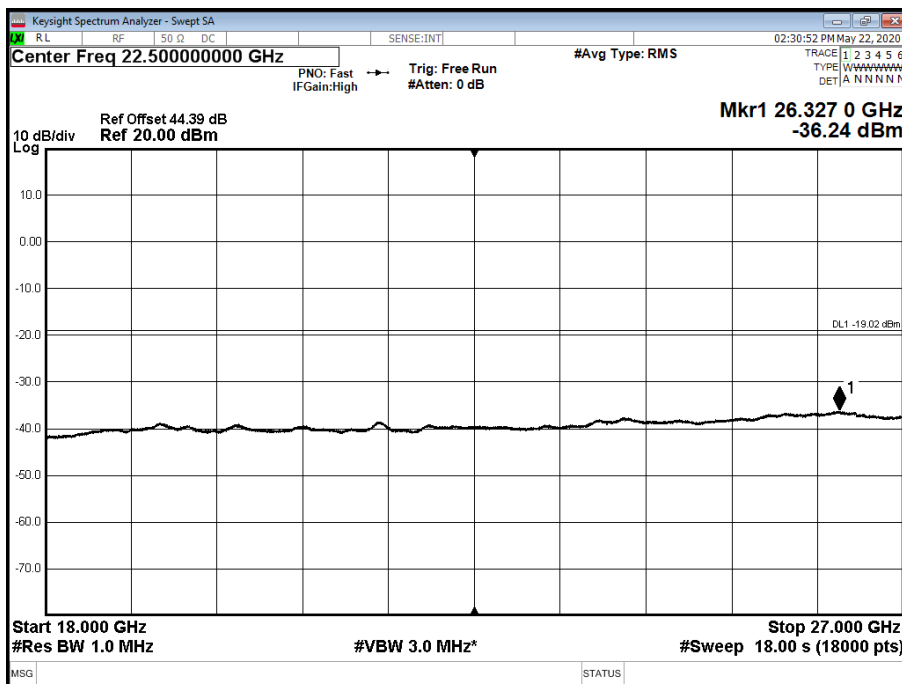




Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 9000 to 18000 MHz

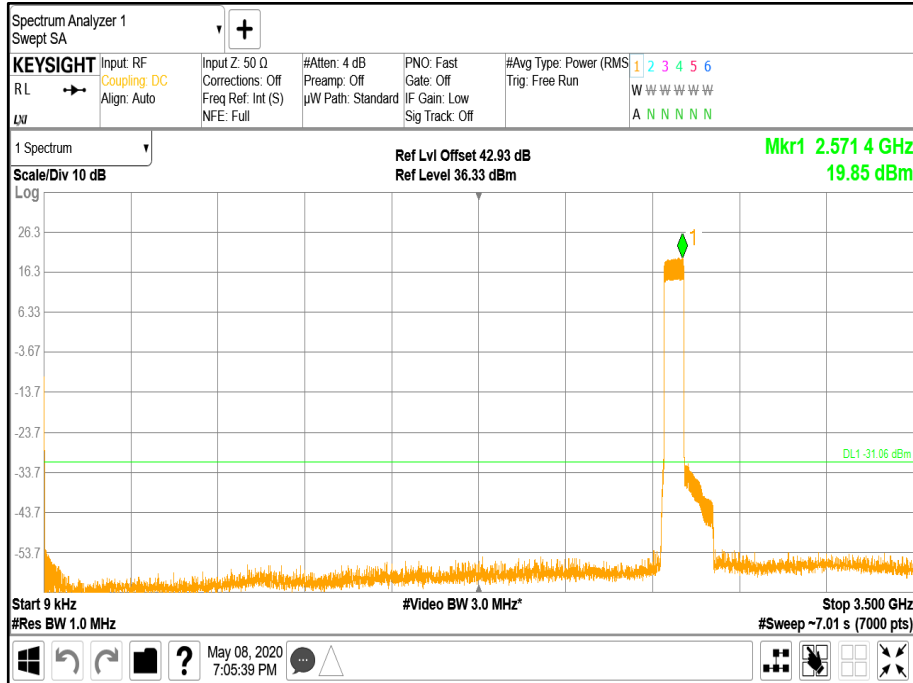


Antenna Port 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz

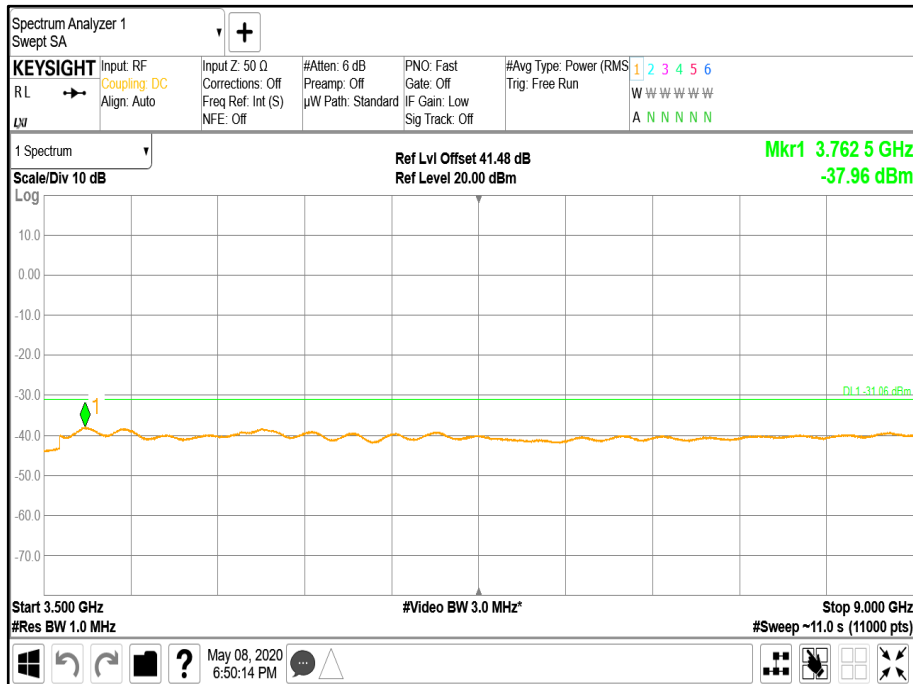




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz

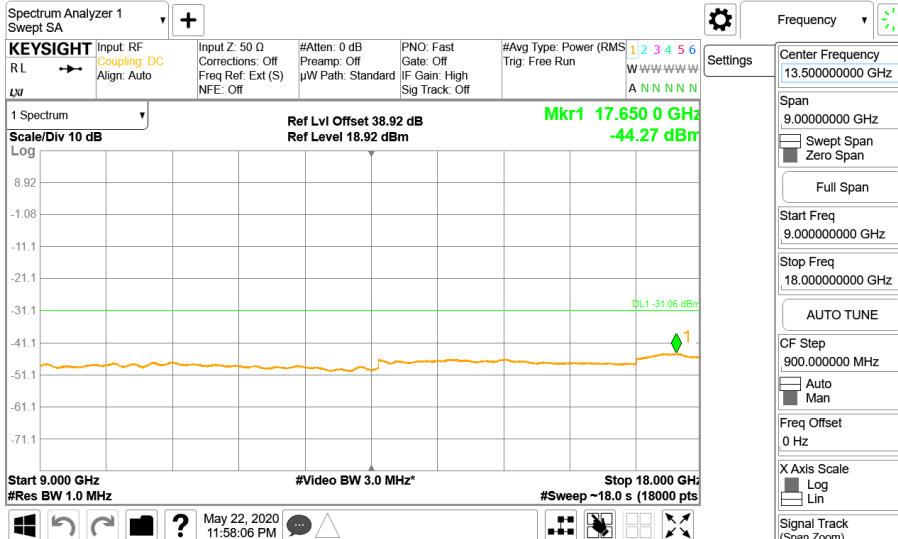


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz

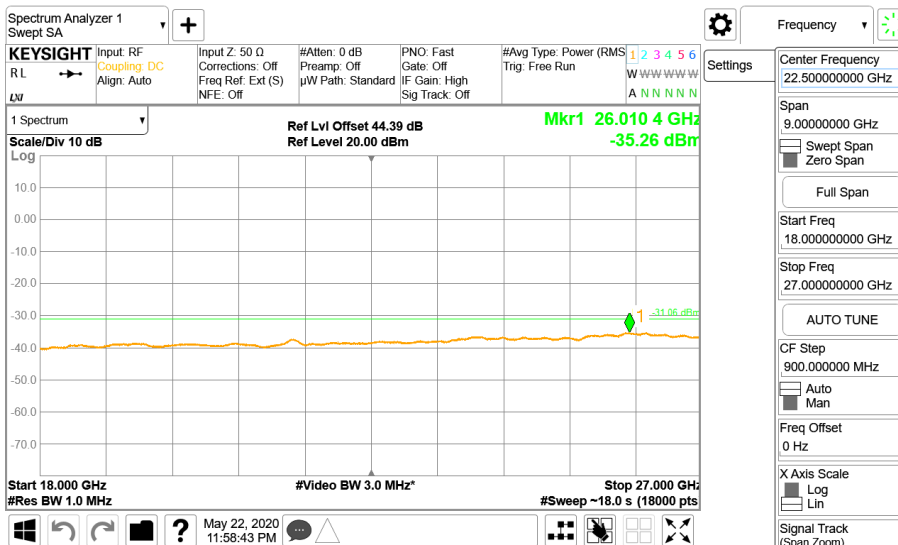




**Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 9000 to 18000 MHz**



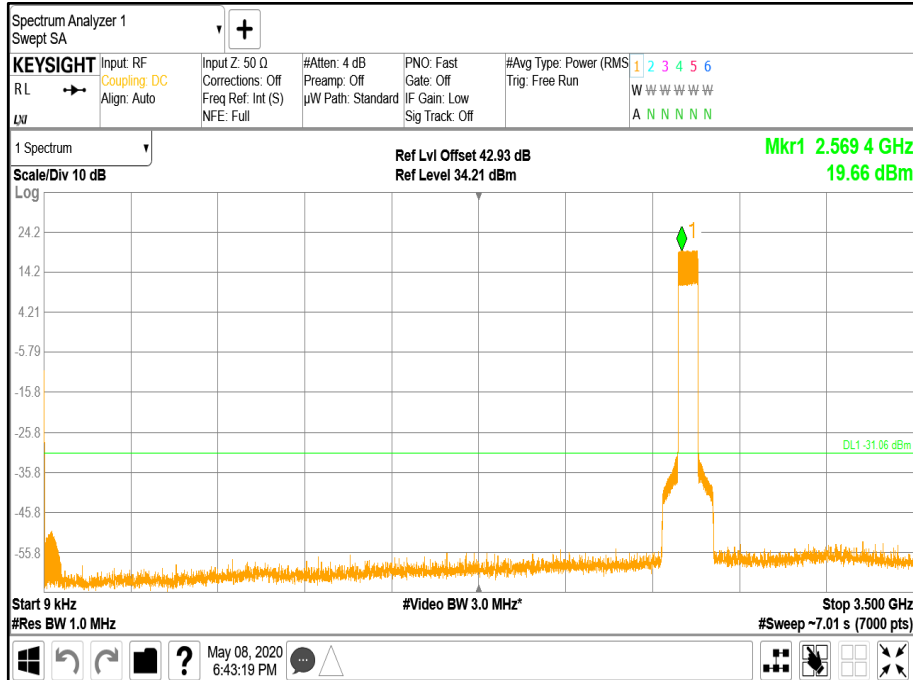
**Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 27000 MHz**



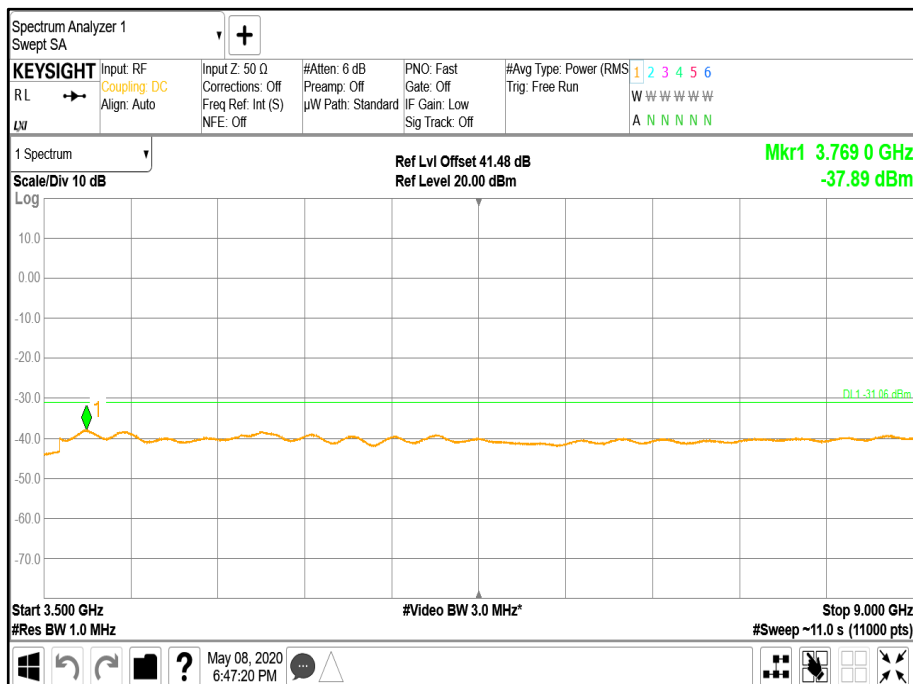




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

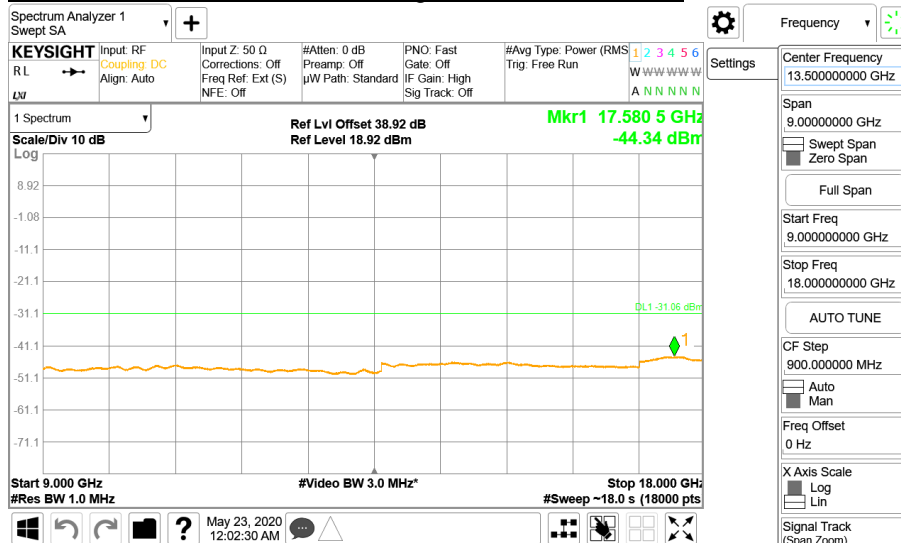


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

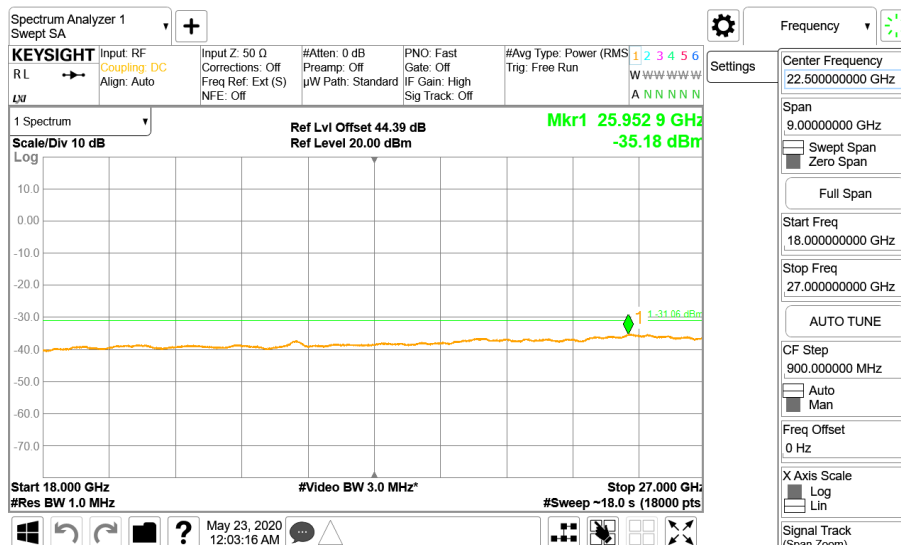




**Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 3- Range 9000 to 18000 MHz**

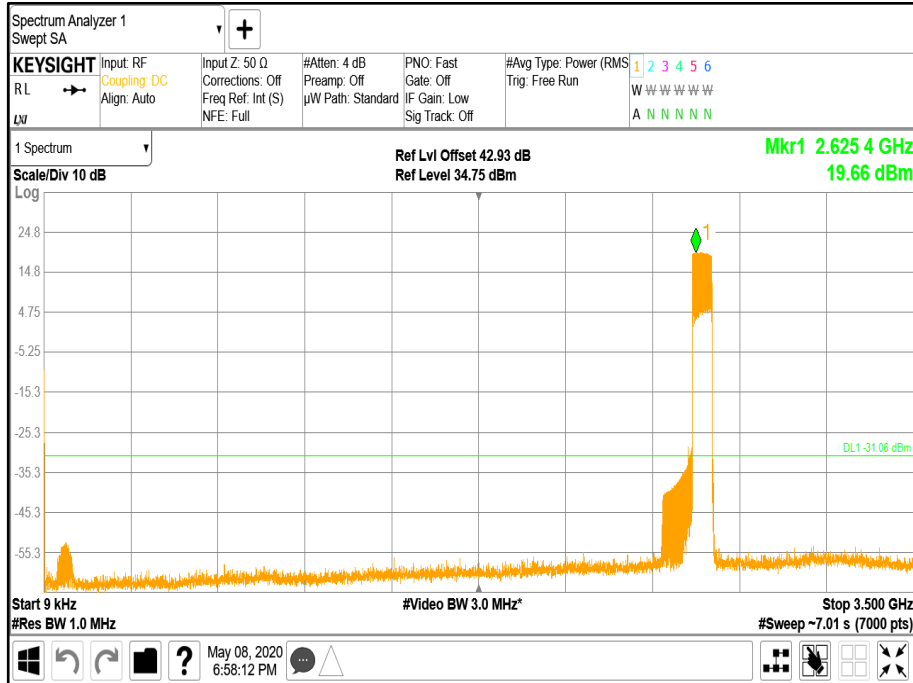


**Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 2 – Range 18000 to 27000 MHz**

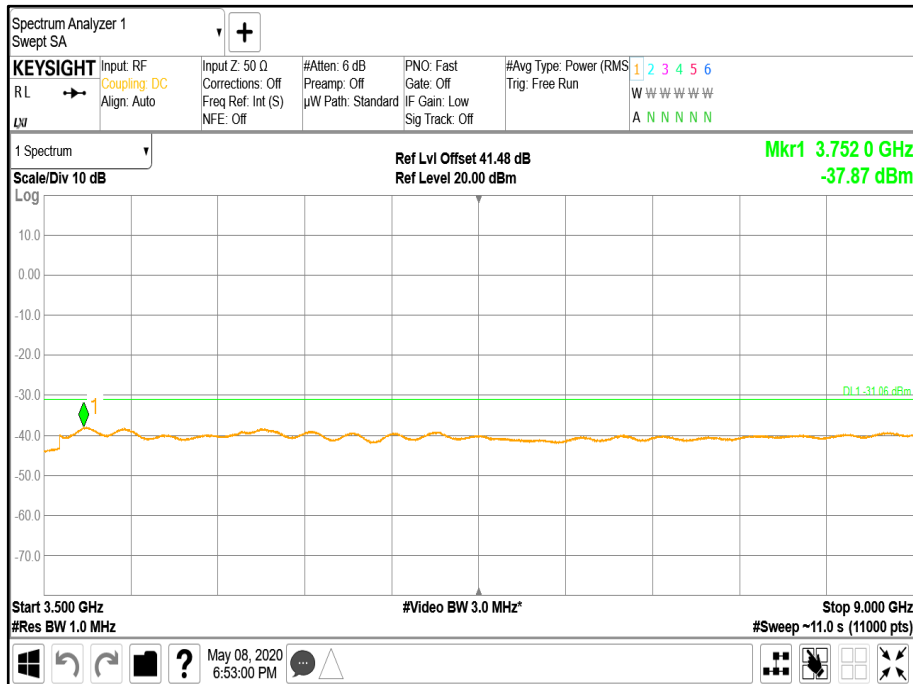




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

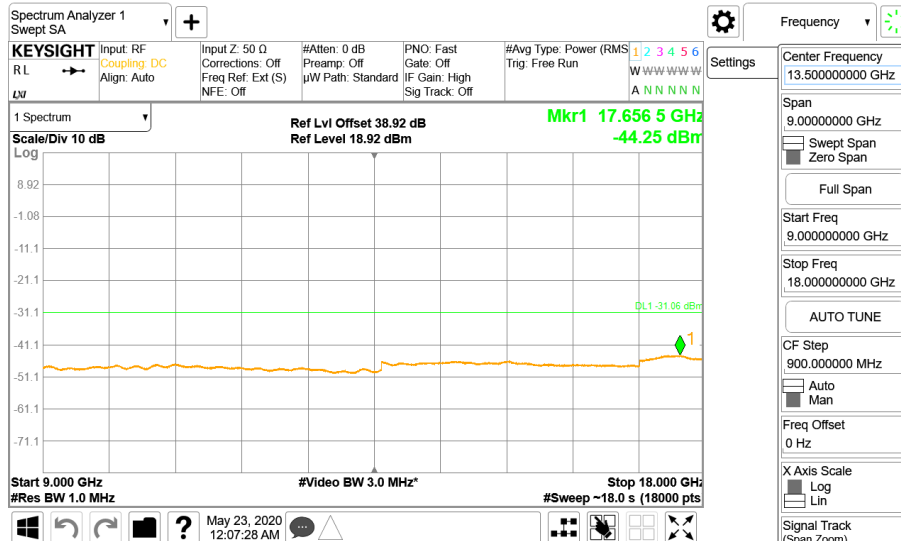


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

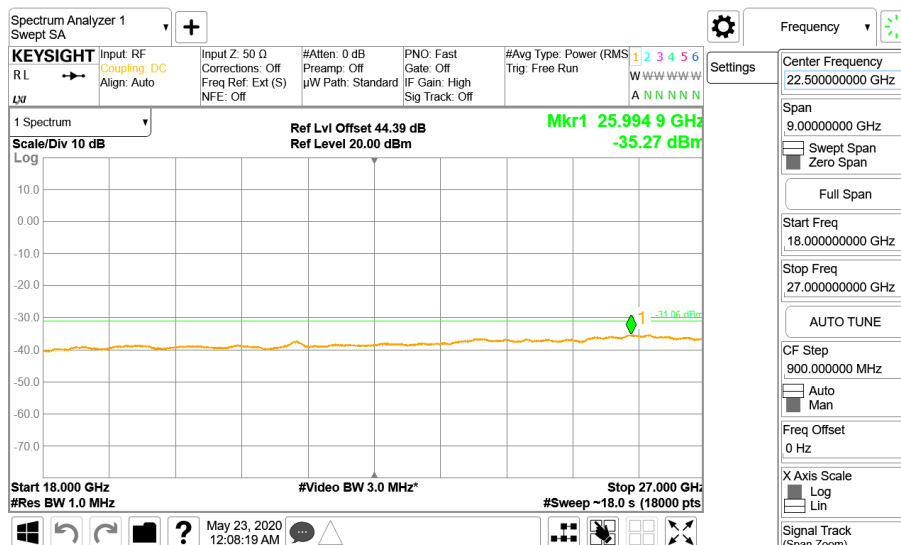




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 9000 to 18000 MHz

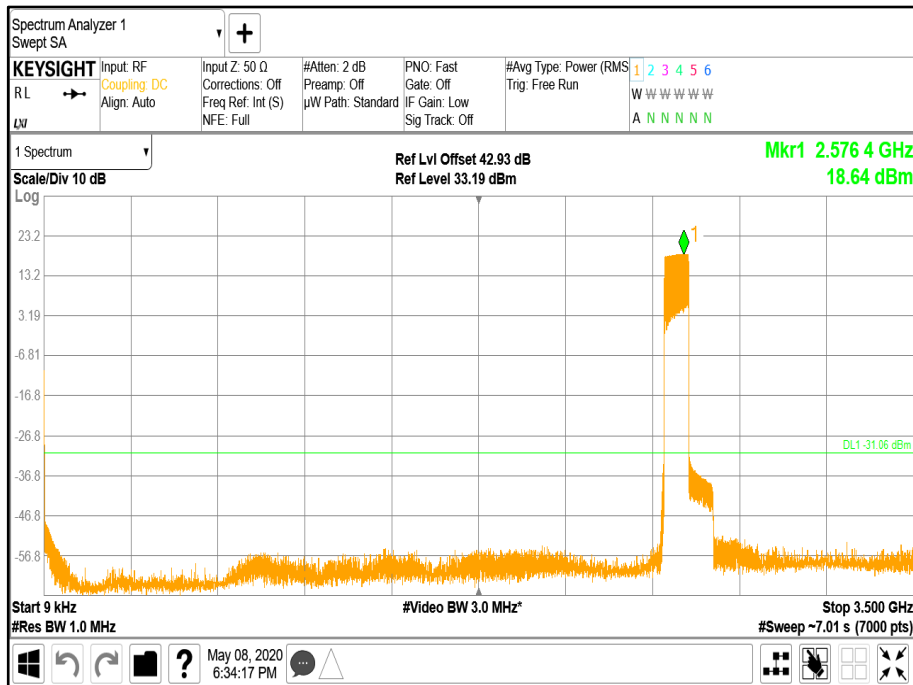


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz

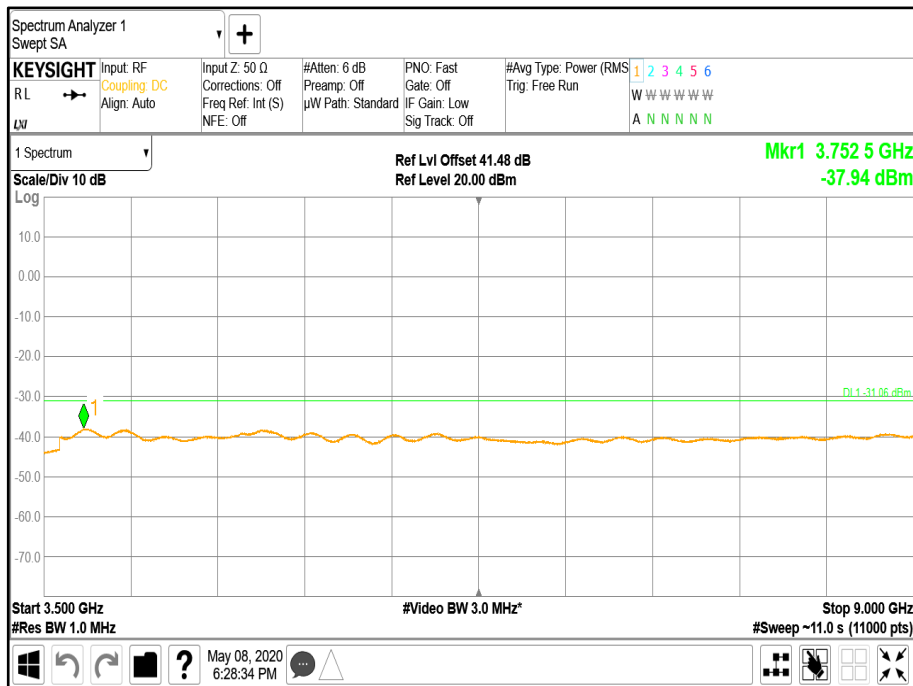




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz

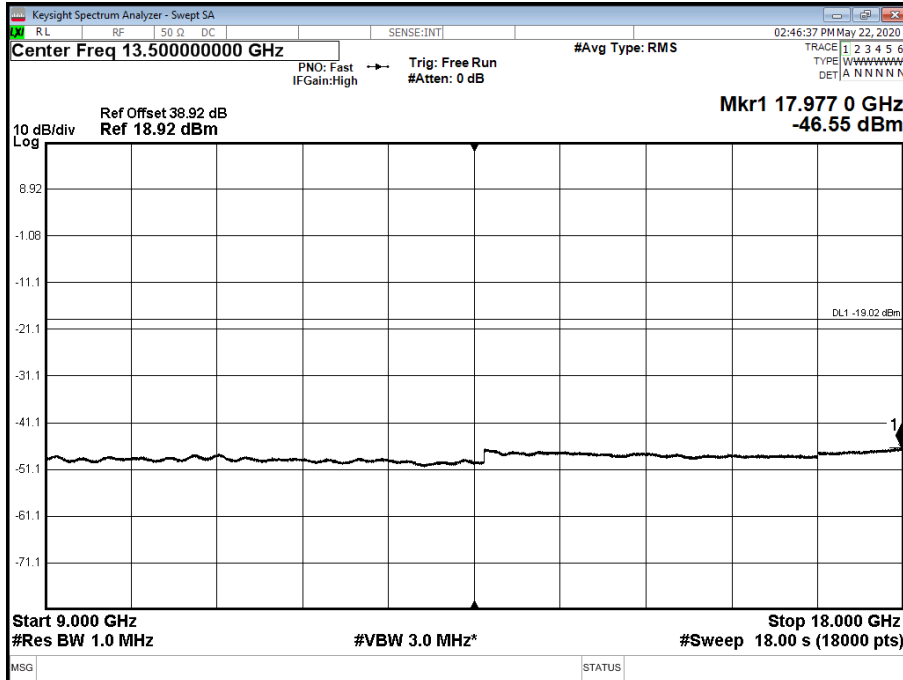


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz

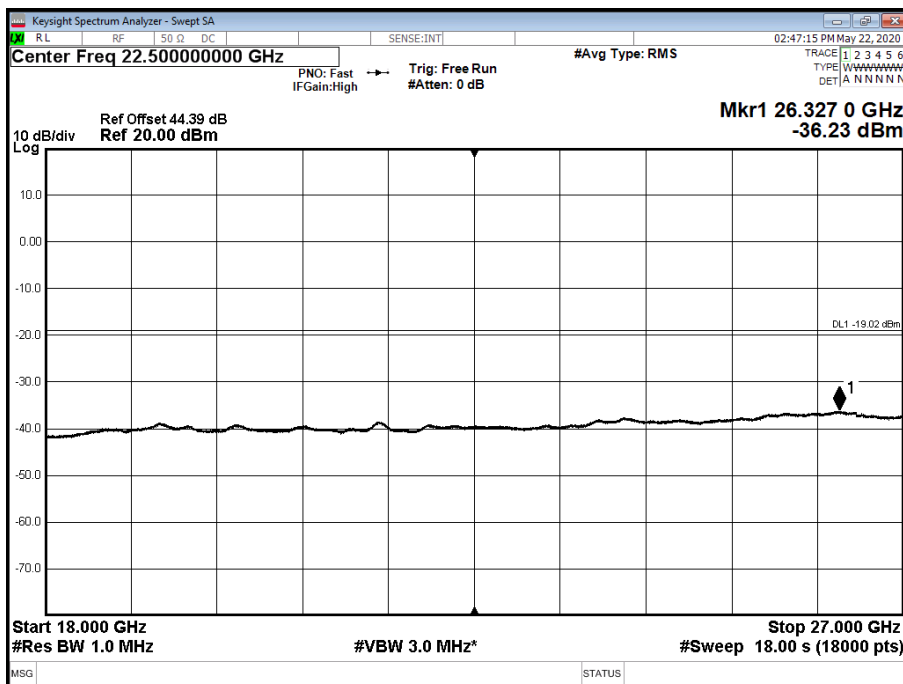




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 9000 to 18000 MHz

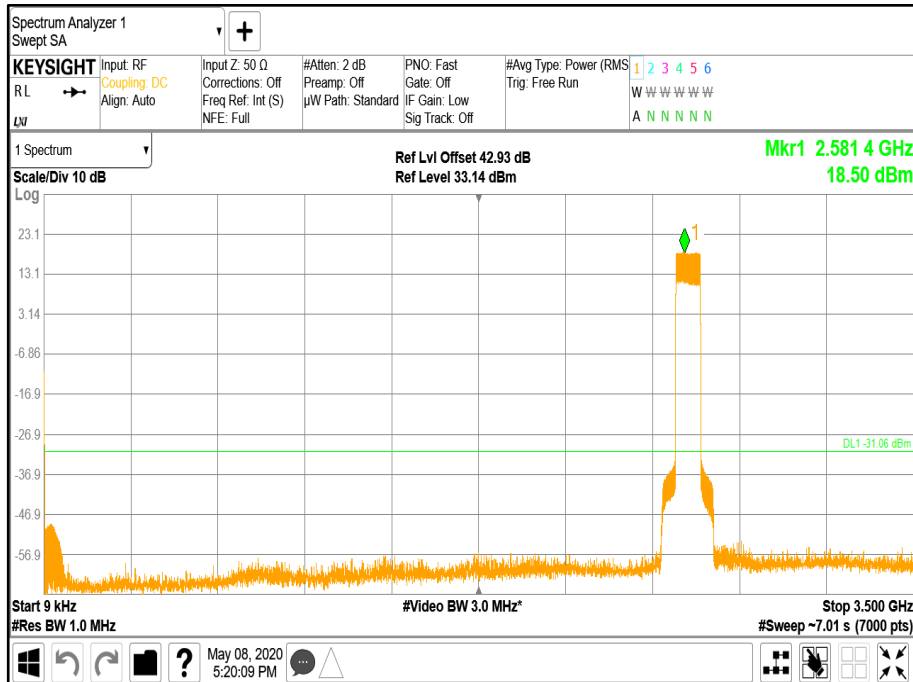


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 27000 MHz

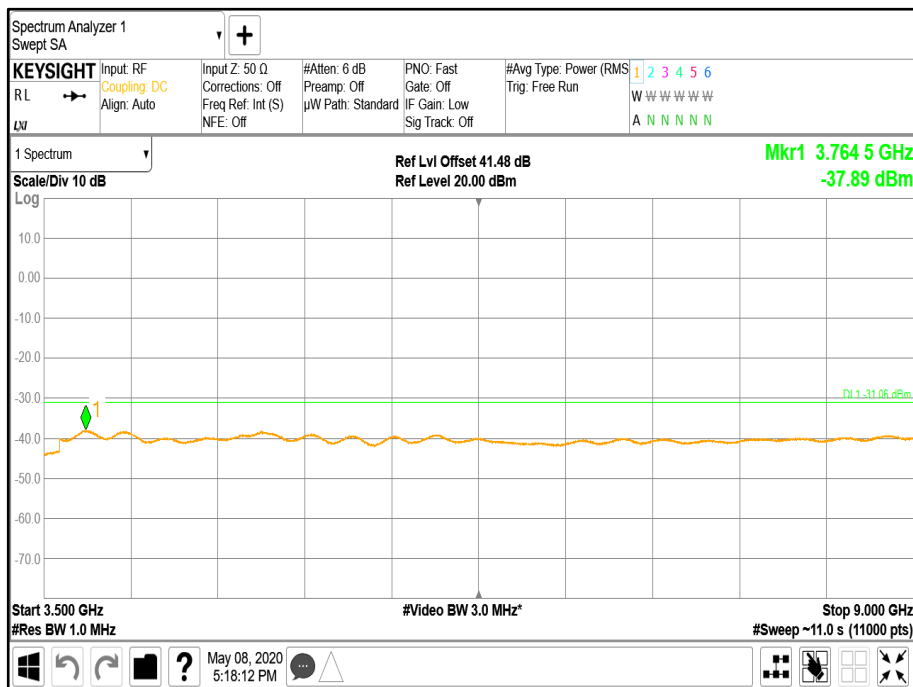




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

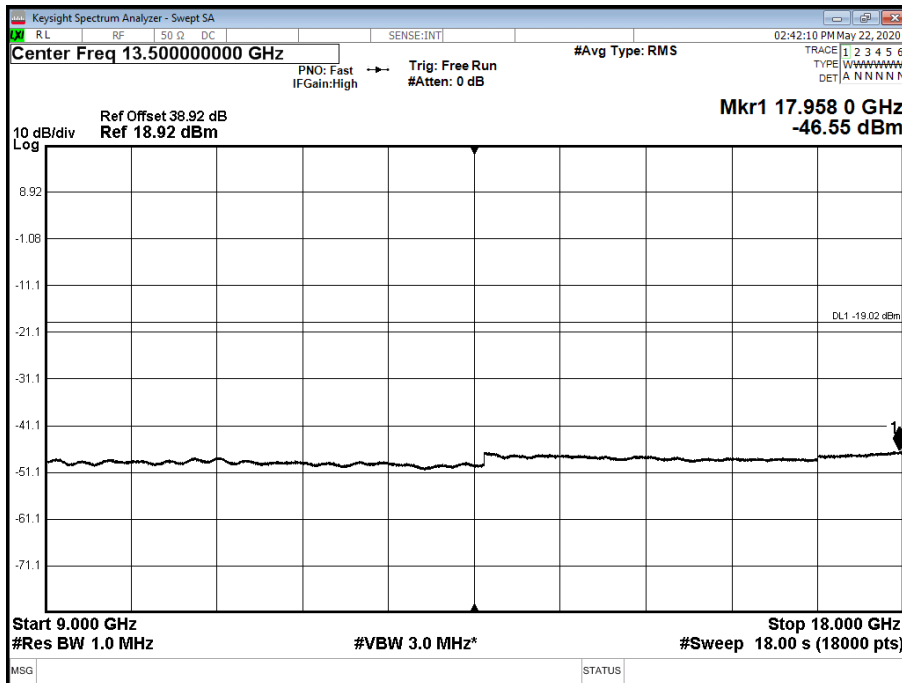


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

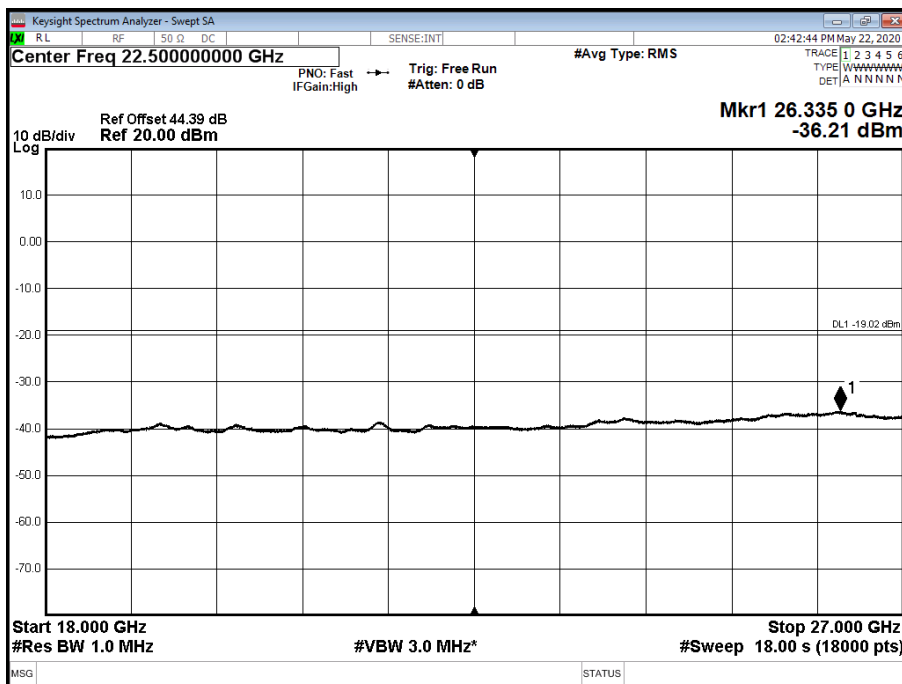




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 9000 to 18000 MHz



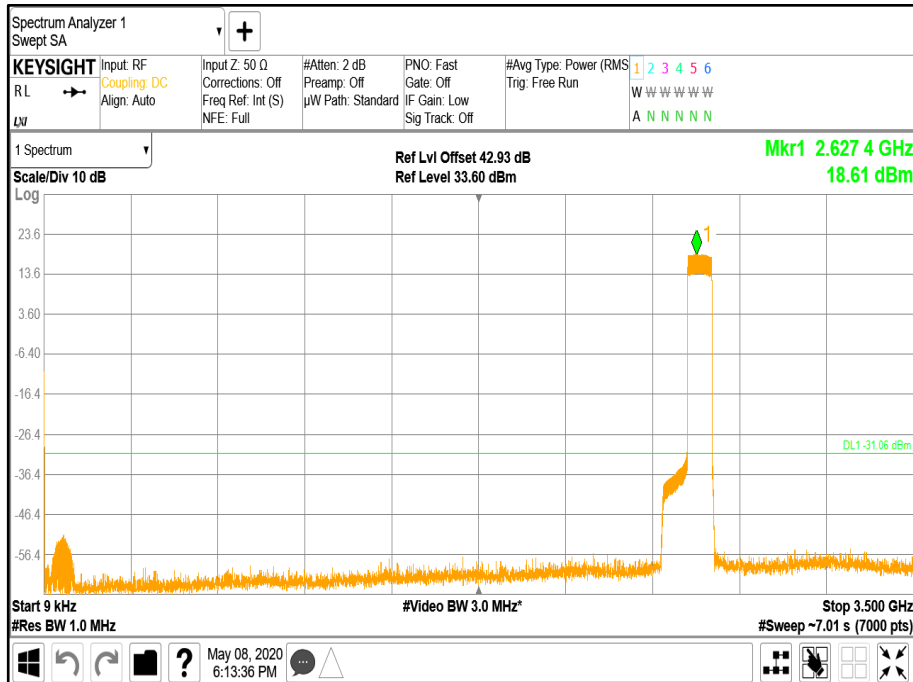
Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 27000 MHz



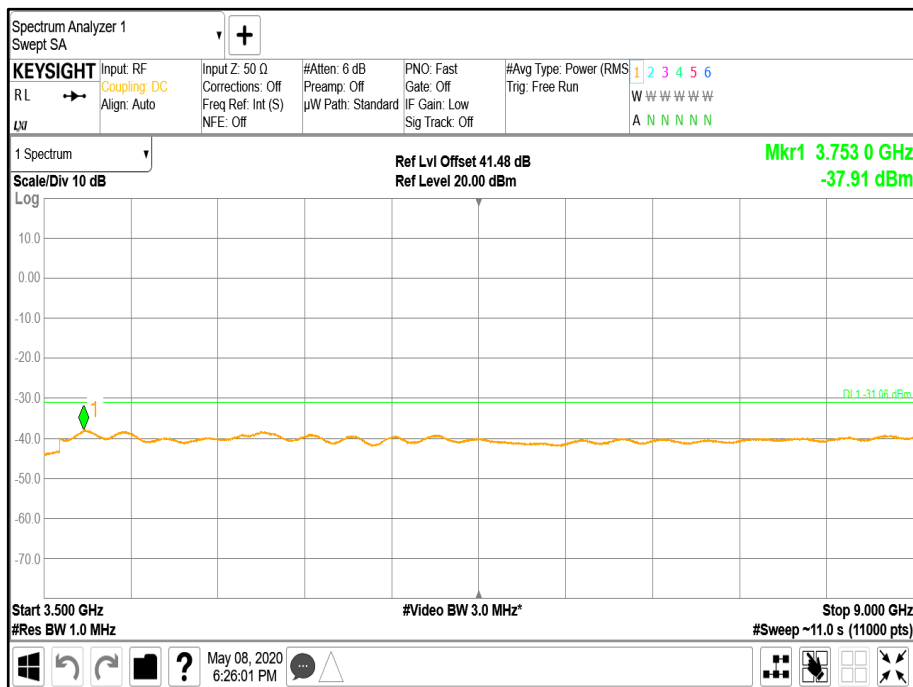




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

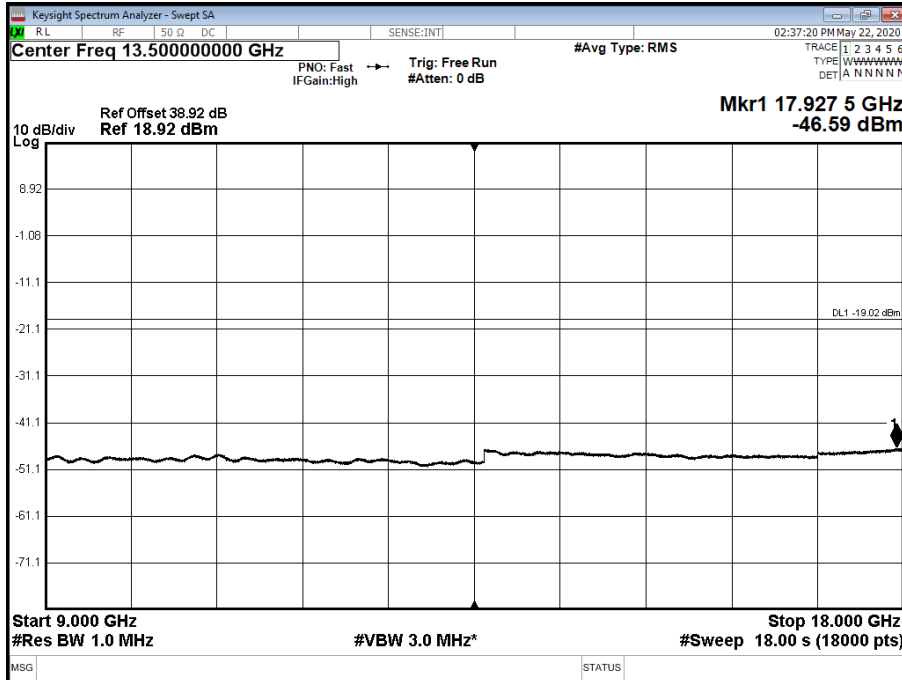


Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

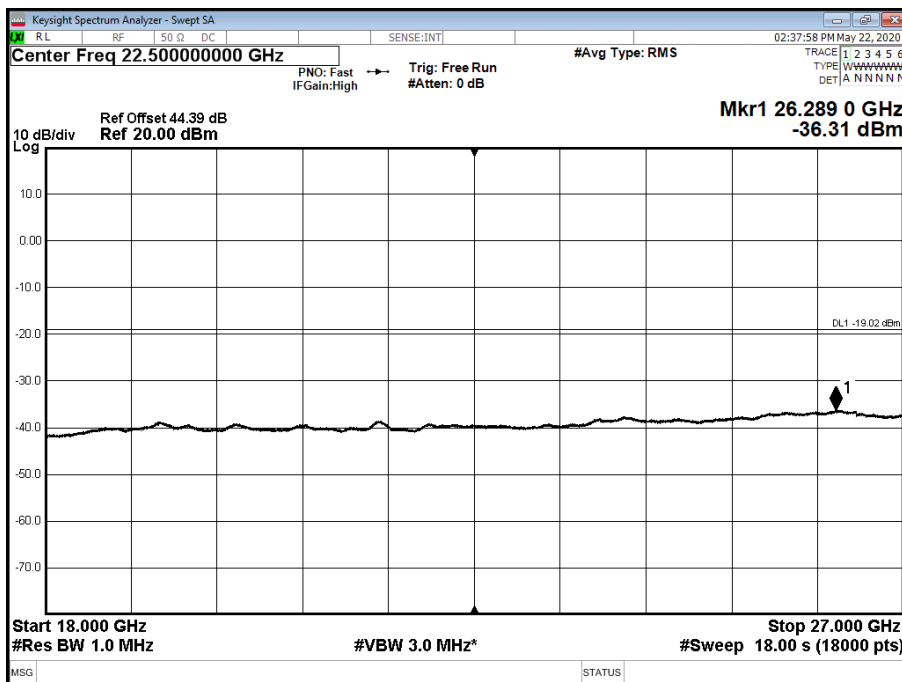




Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 9000 to 18000 MHz



Antenna Port 28 - NR Modulation 64QAM - NR Carrier Bandwidth 100.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz

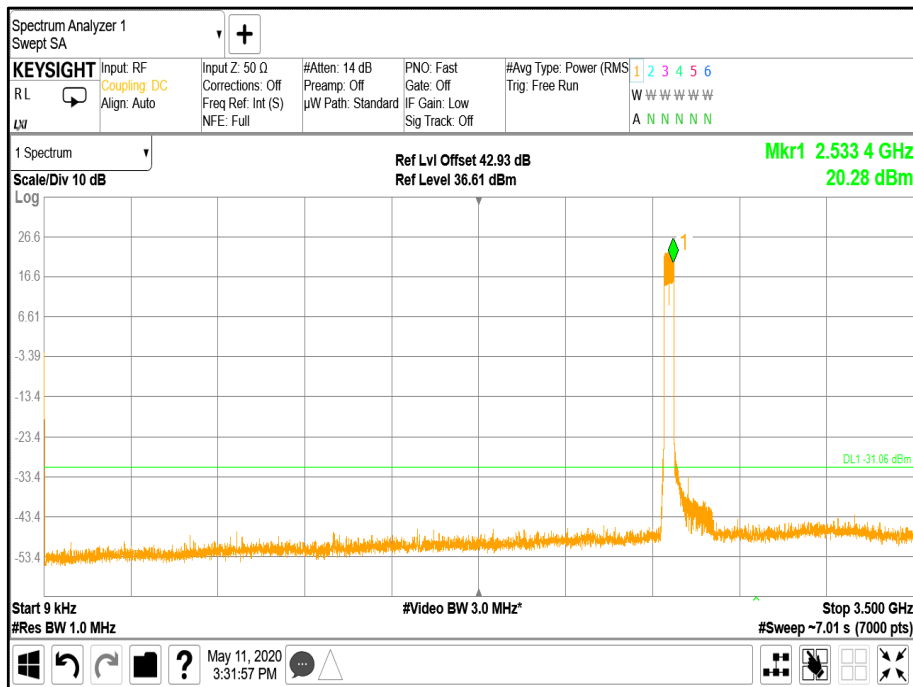




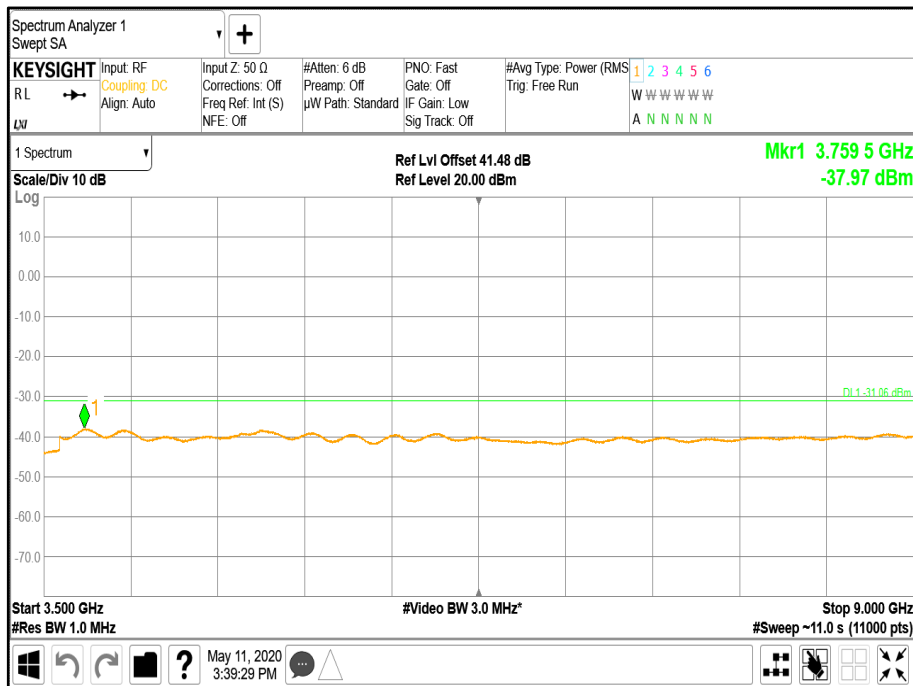
### Configuration 5

Maximum Output Power 36.0 dBm

Antenna Port 17 - NR Modulation 64QAM -2x NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz

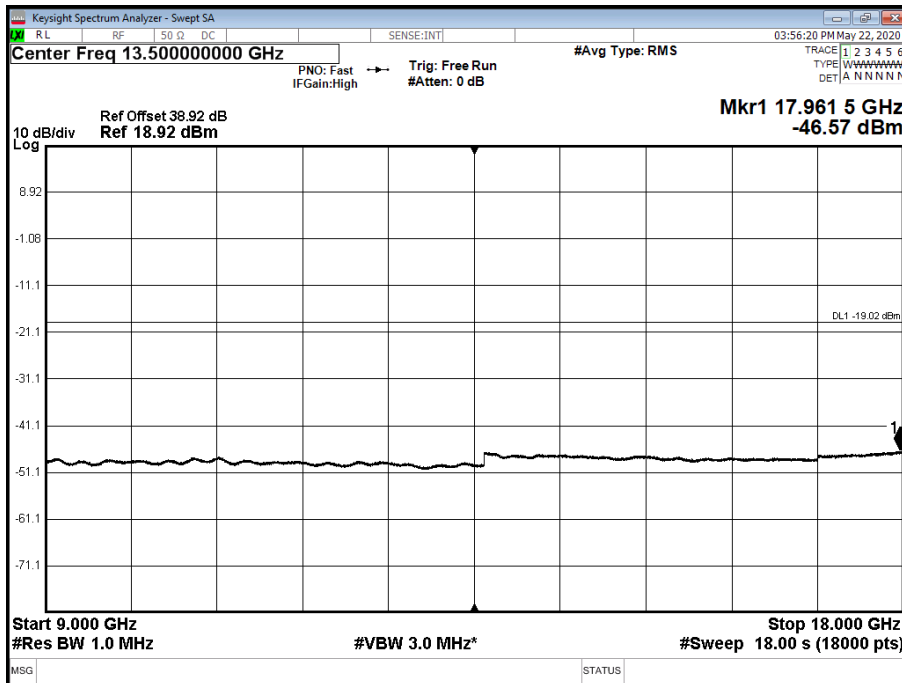


Antenna Port 17 - NR Modulation 64QAM -2x NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz

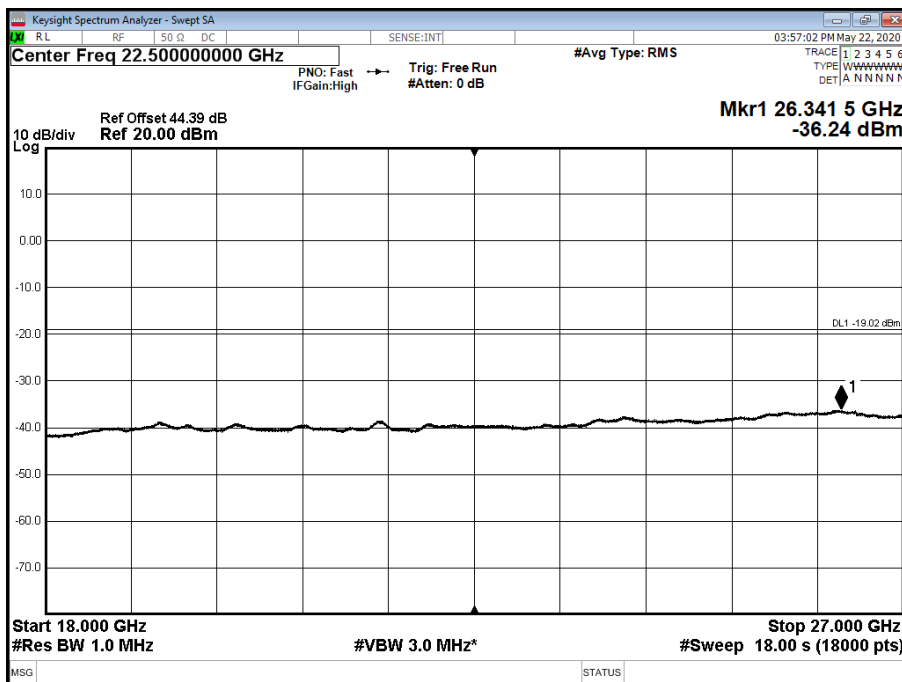




Antenna Port 17 - NR Modulation 64QAM -2x NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 9000 to 18000 MHz

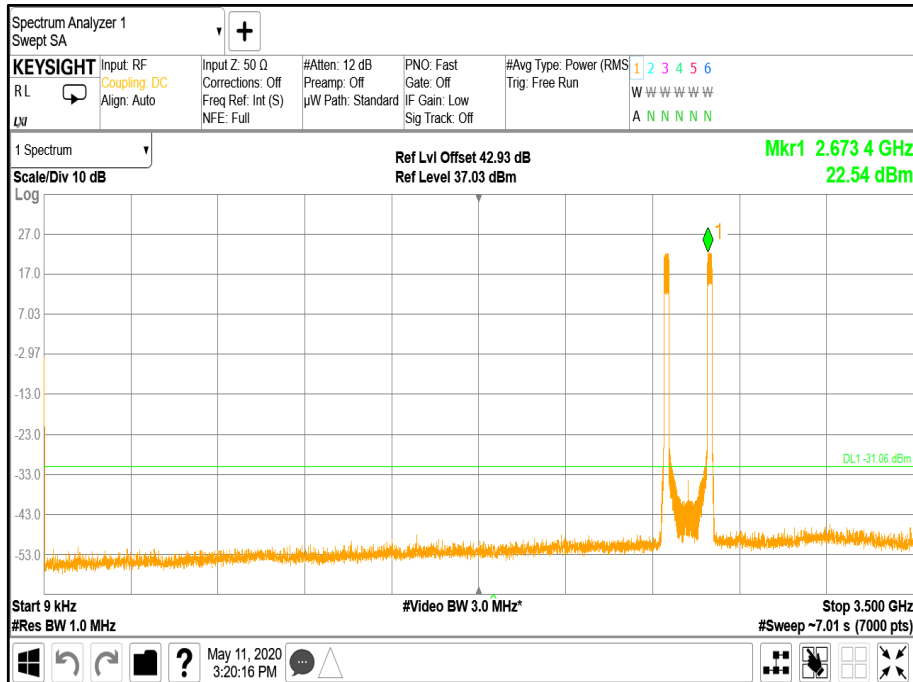


Antenna Port 17 - NR Modulation 64QAM -2x NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 27000 MHz

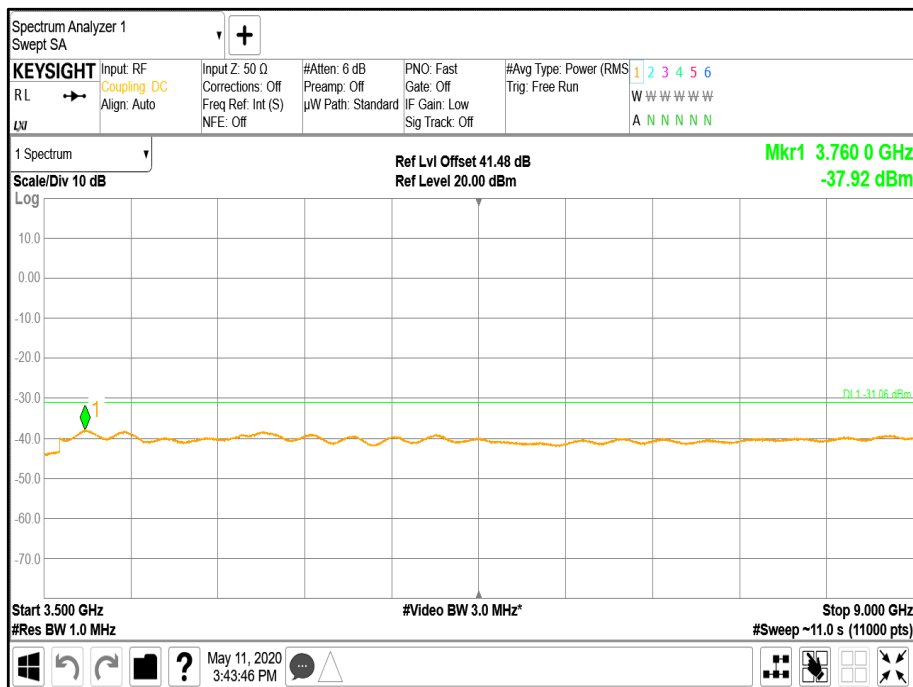




Antenna Port 34 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

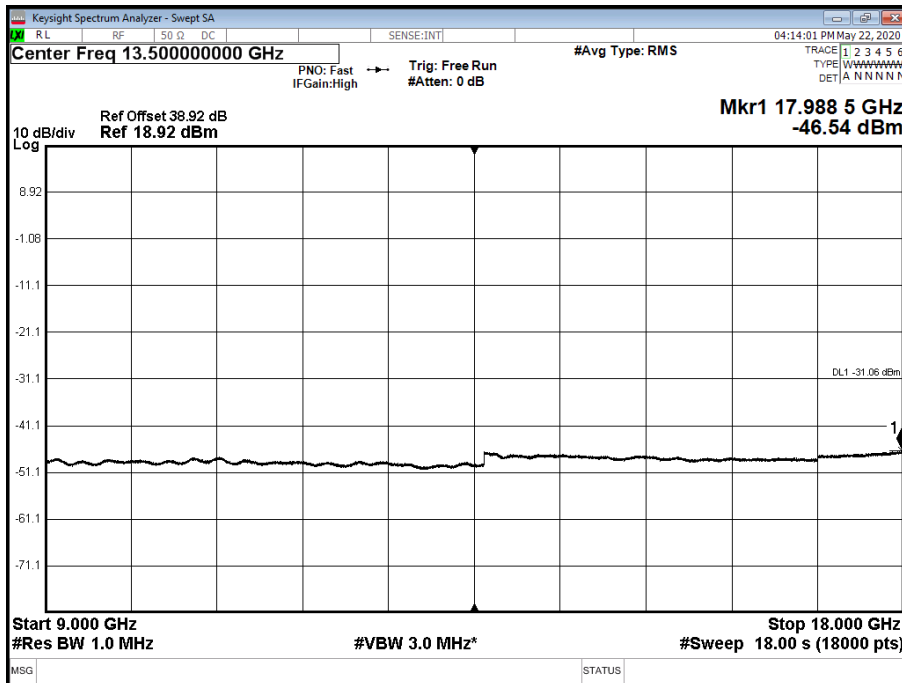


Antenna Port 34 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

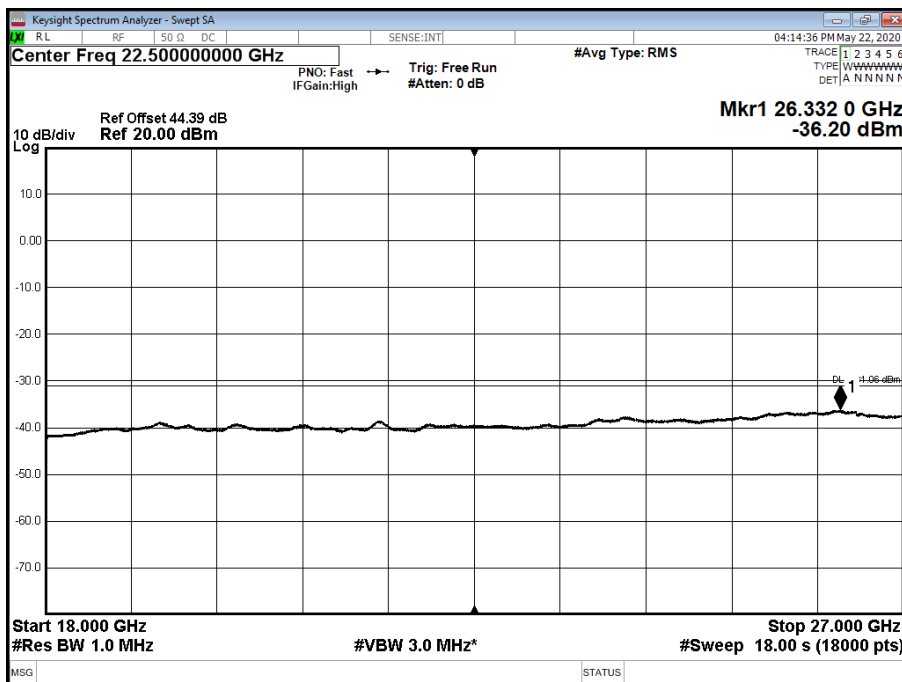




Antenna Port 34 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 9000 to18000 MHz

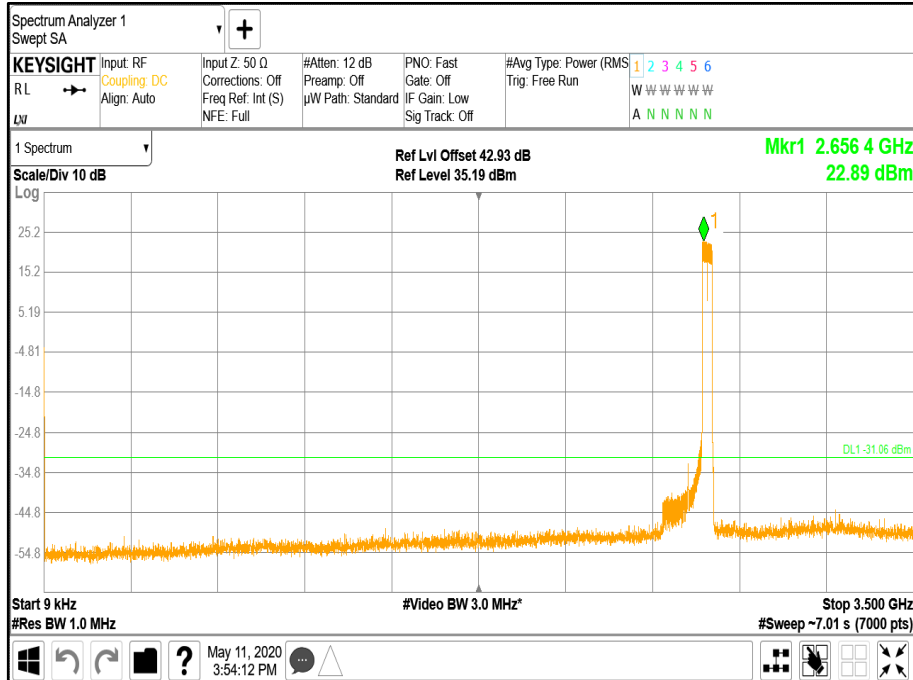


Antenna Port 34 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 27000 MHz

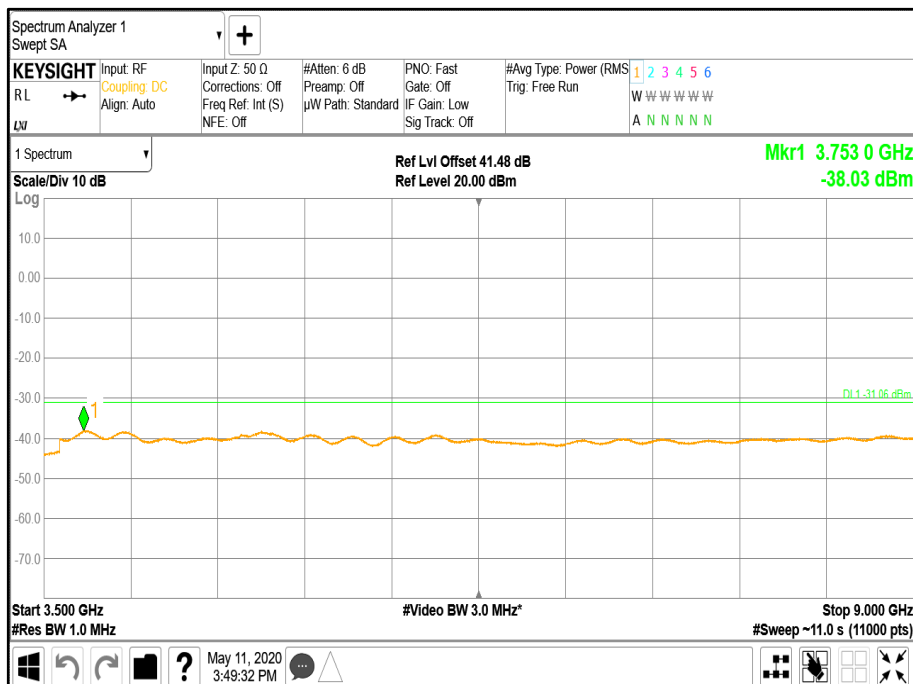




Antenna Port 10 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

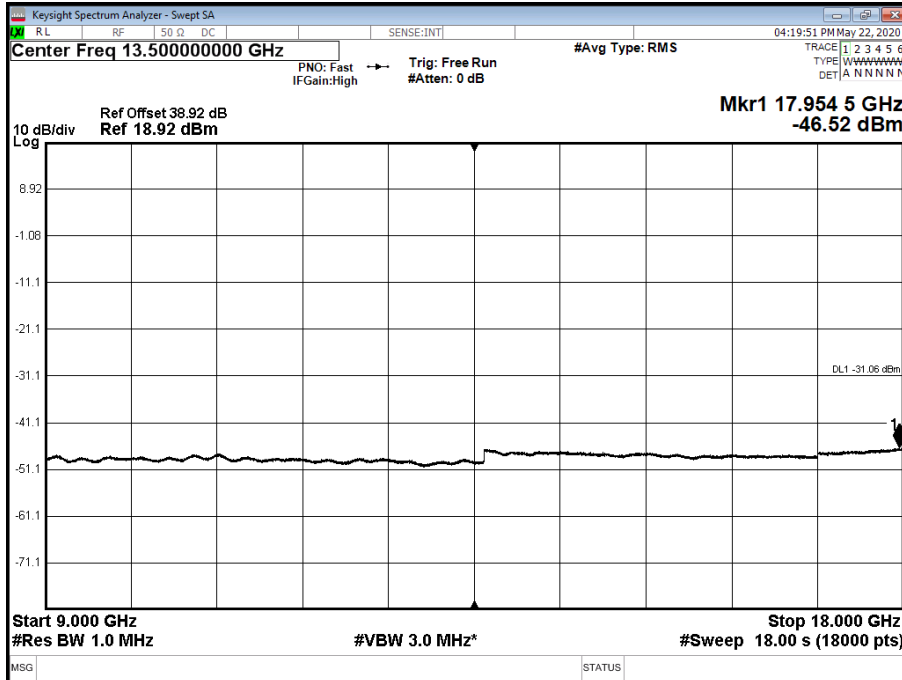


Antenna Port 10 - NR Modulation 64QAM -2x NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

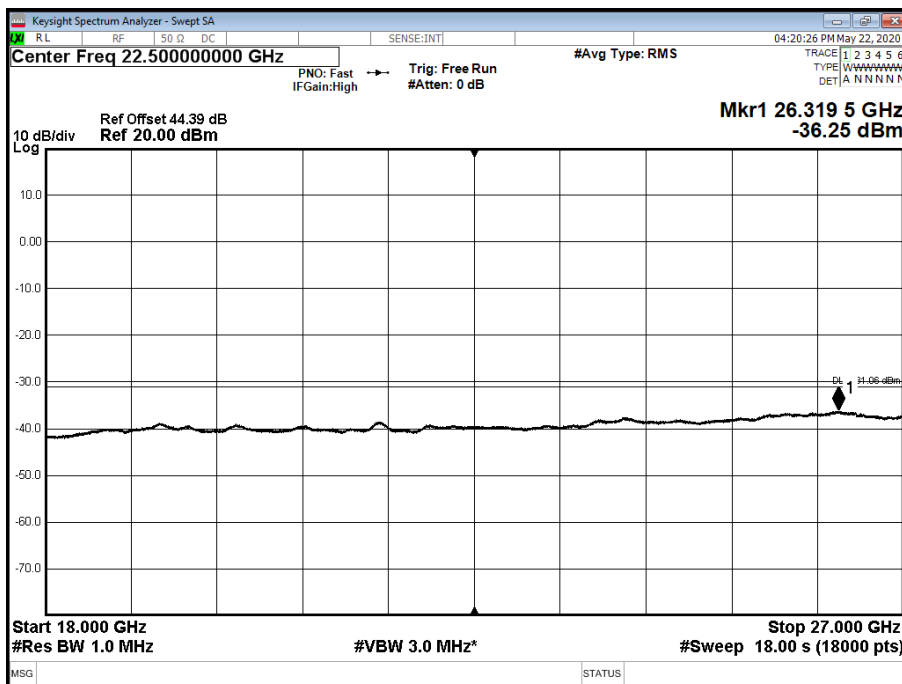




Antenna Port 10 - NR Modulation 64QAM -2x NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 9000 to 18000 MHz



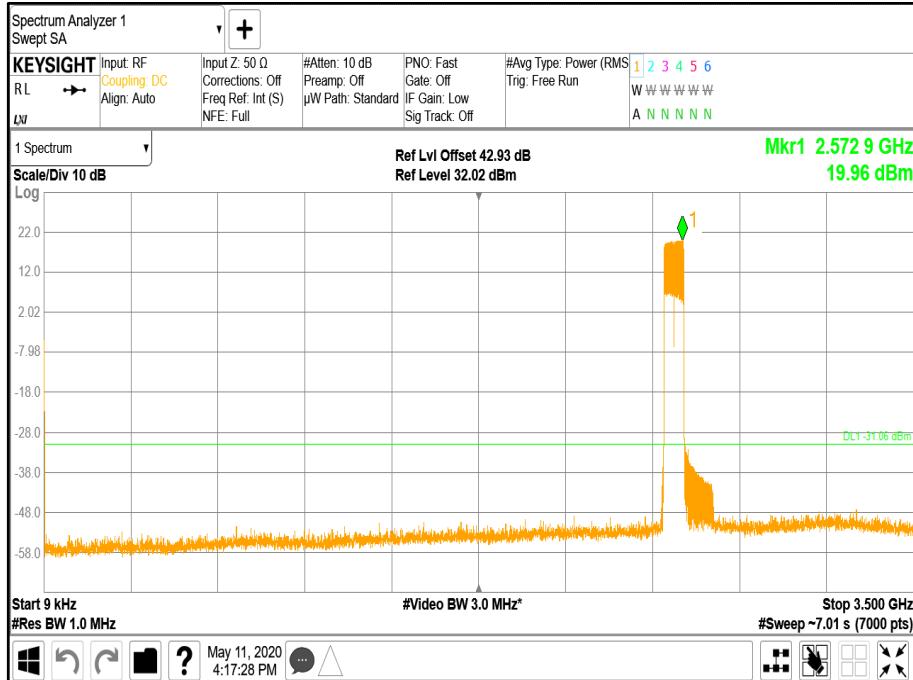
Antenna Port 10 - NR Modulation 64QAM -2x NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz



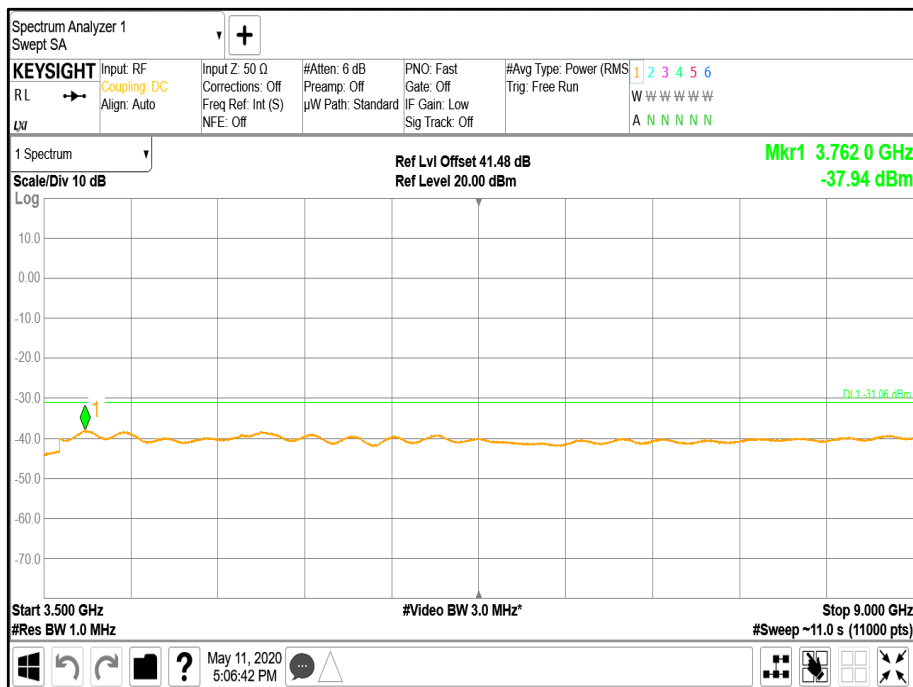




Antenna Port 2 - NR Modulation 64QAM -2x NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz

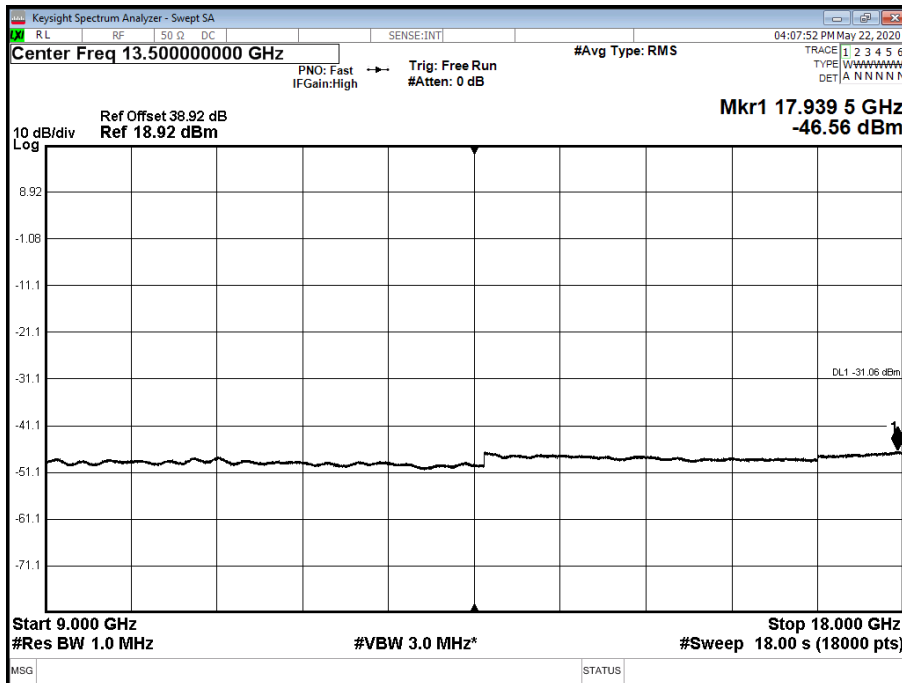


Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz

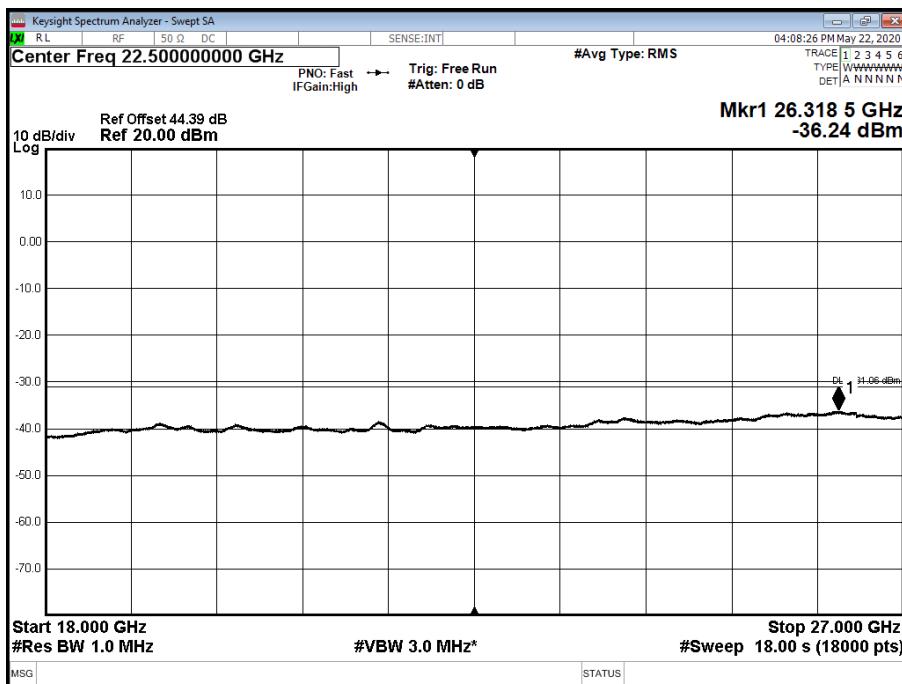




Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 3- Range 9000 to 18000 MHz

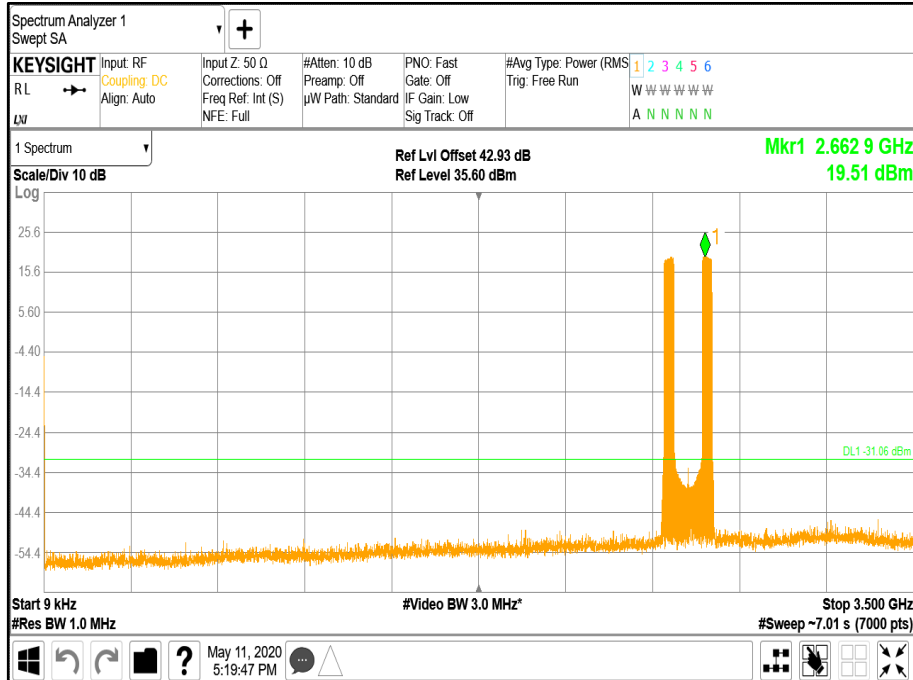


Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position B - Band 4- Range 18000 to 27000 MHz

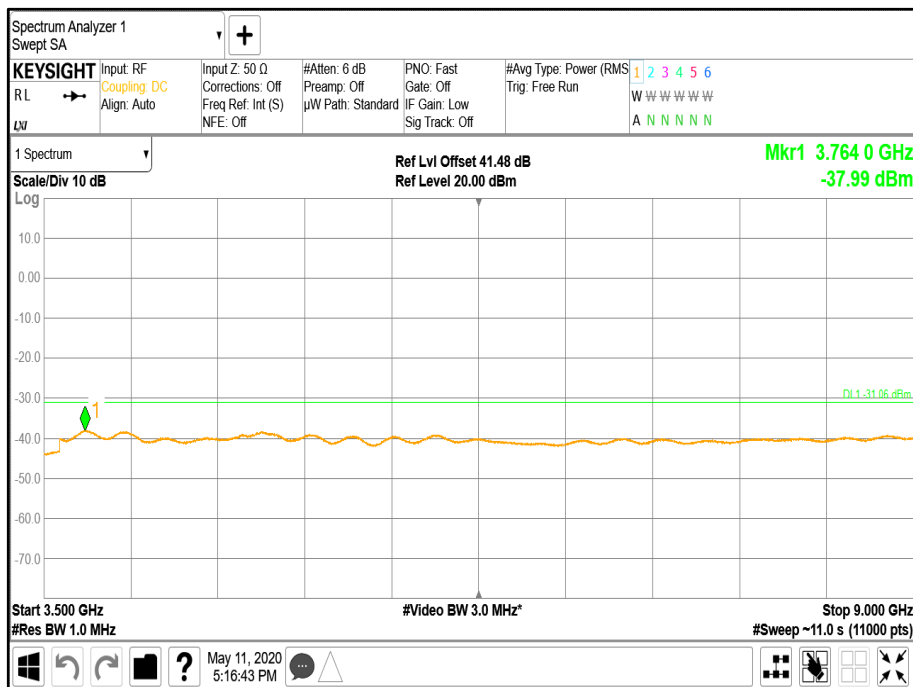




Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

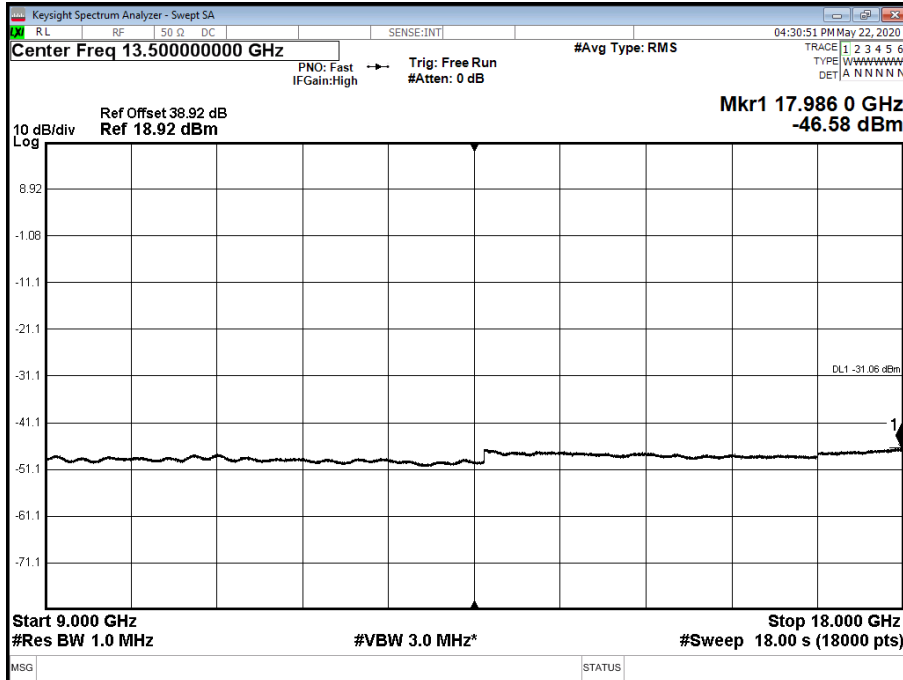


Antenna Port 2 - NR Modulation 64QAM -2x NR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

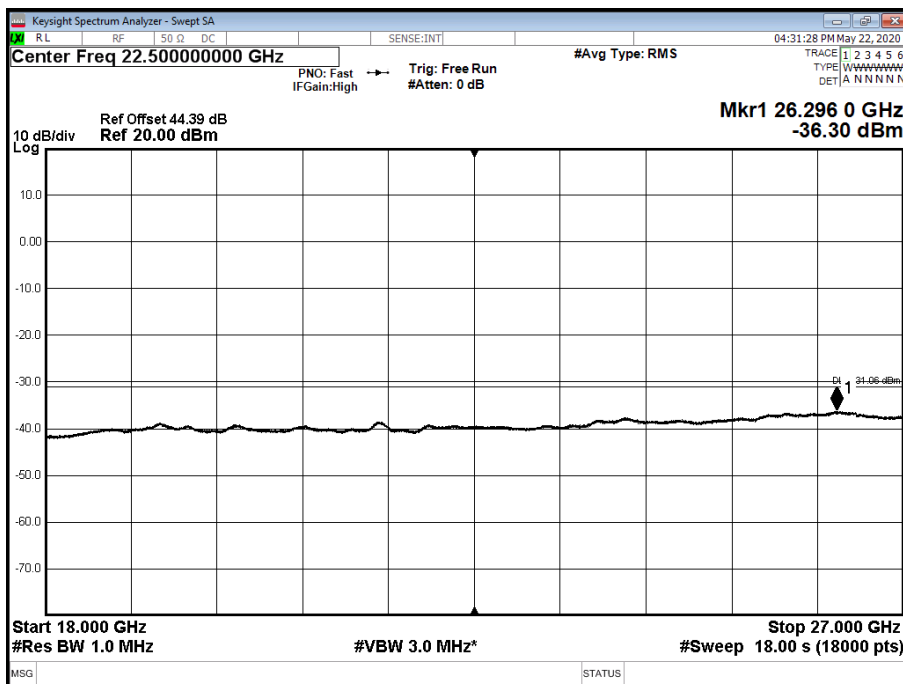




Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 9000 to 18000 MHz

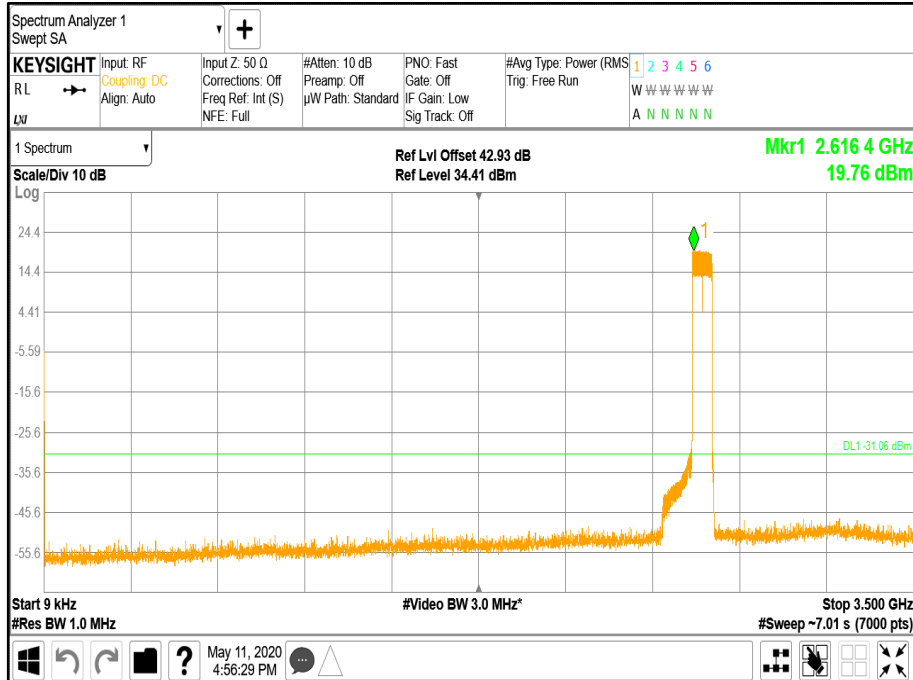


Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 27000 MHz

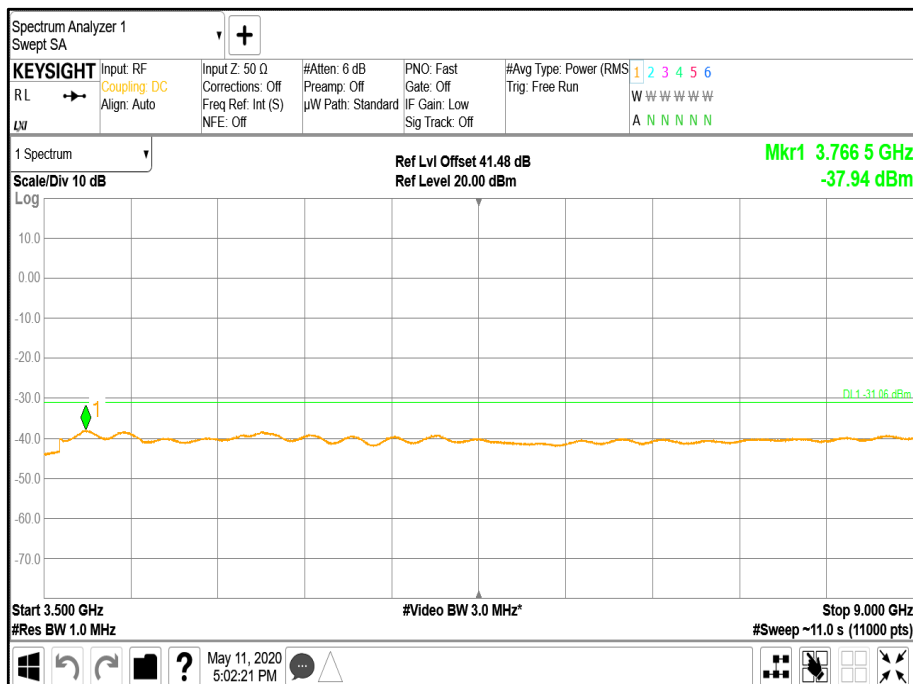




Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

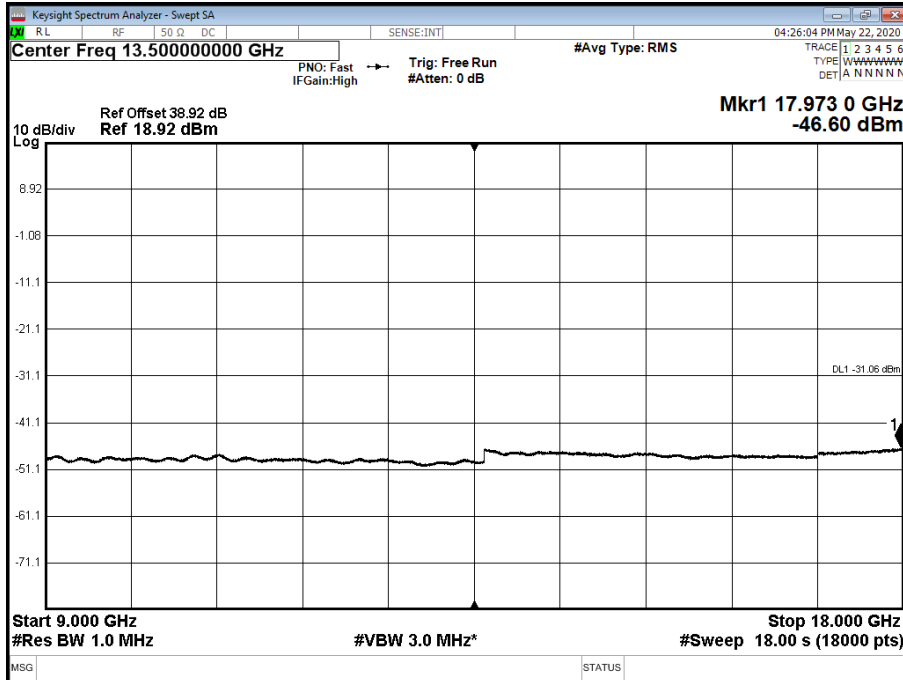


Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

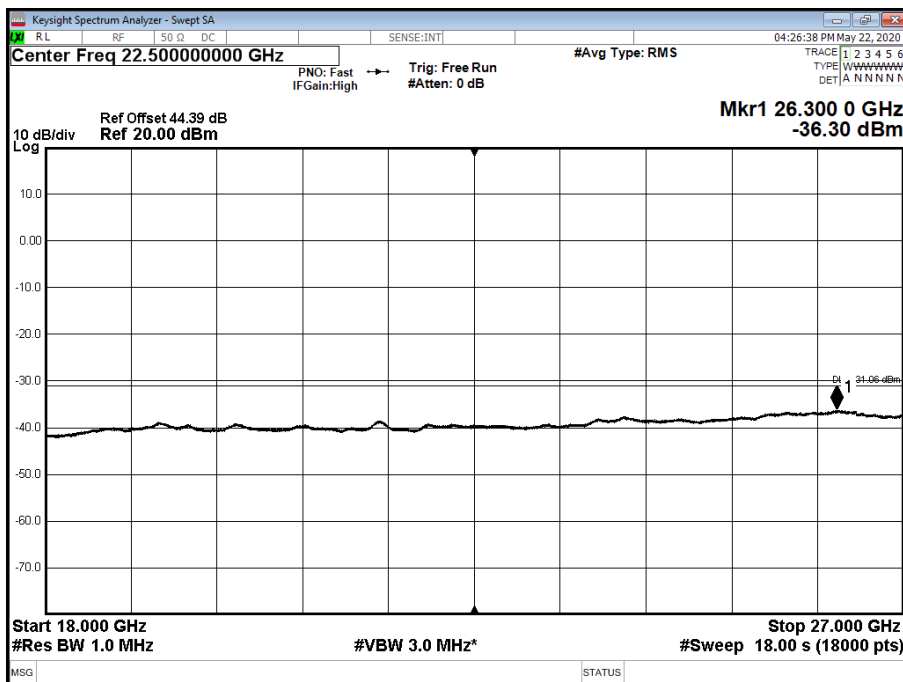




Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 3- Range 9000 to 18000 MHz

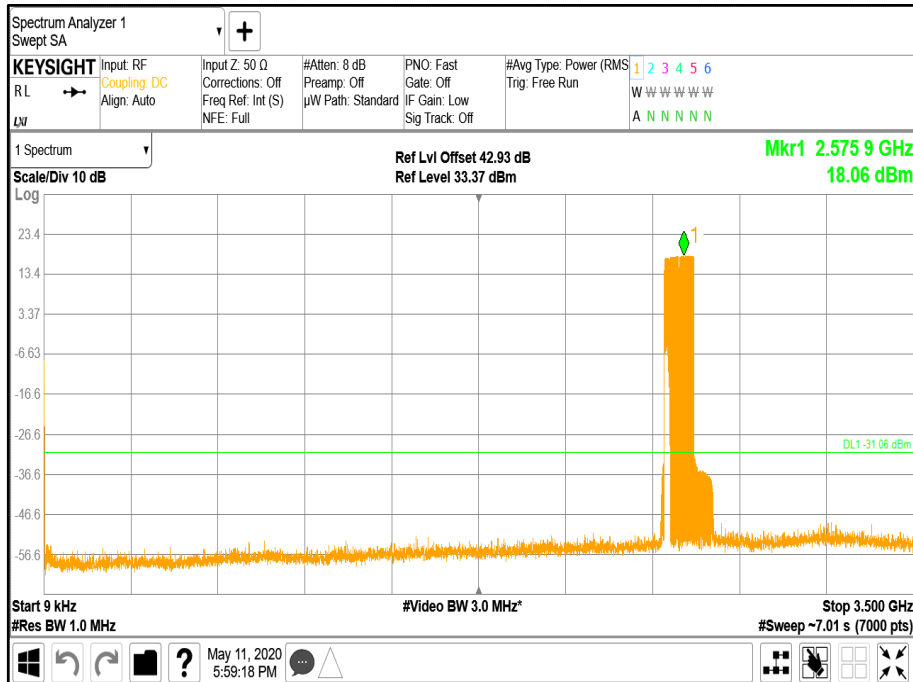


Antenna Port 2 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 40.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz

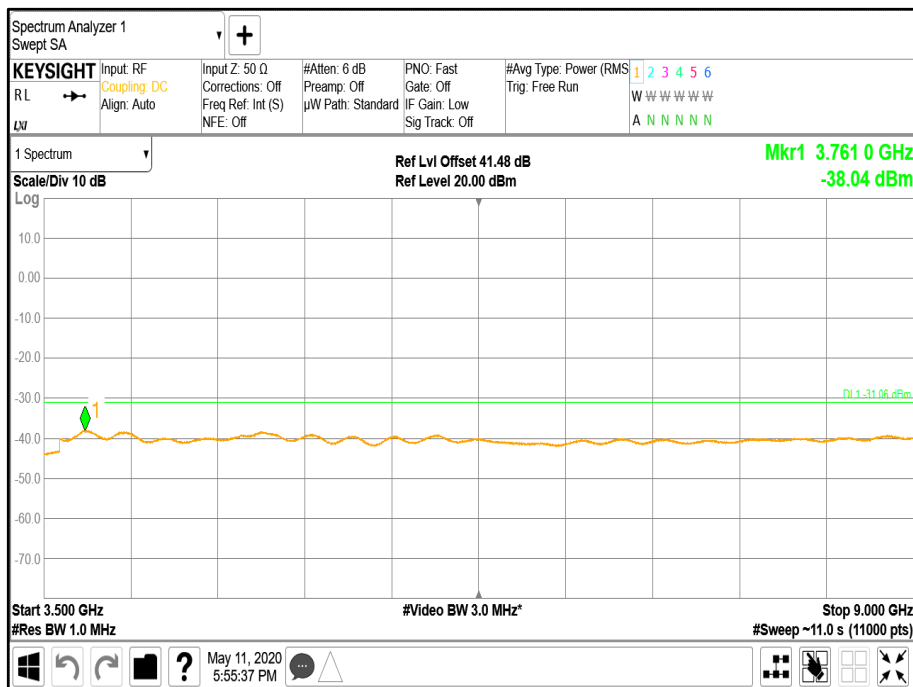




Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz

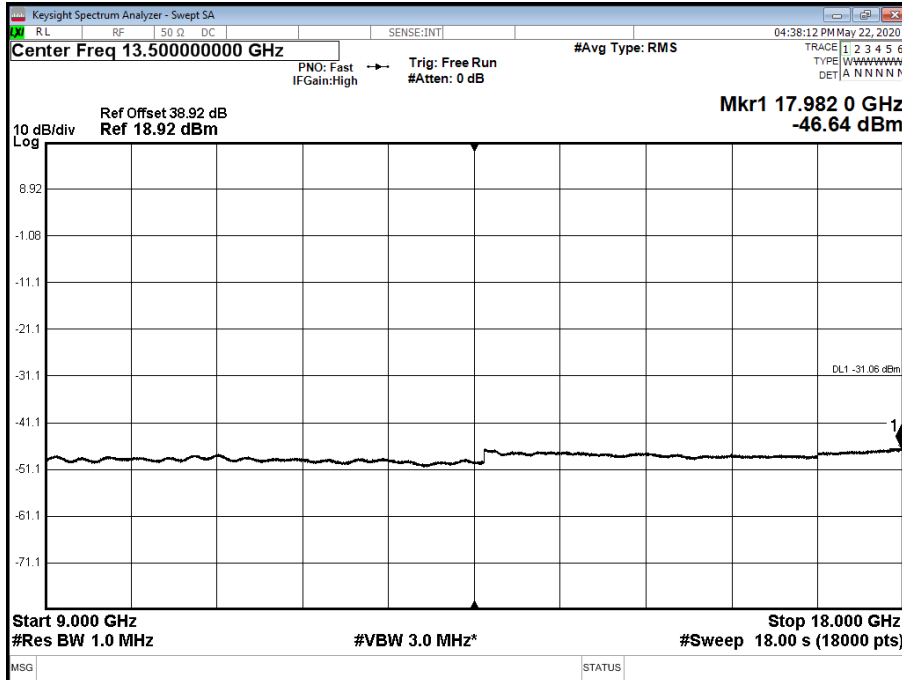


Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz

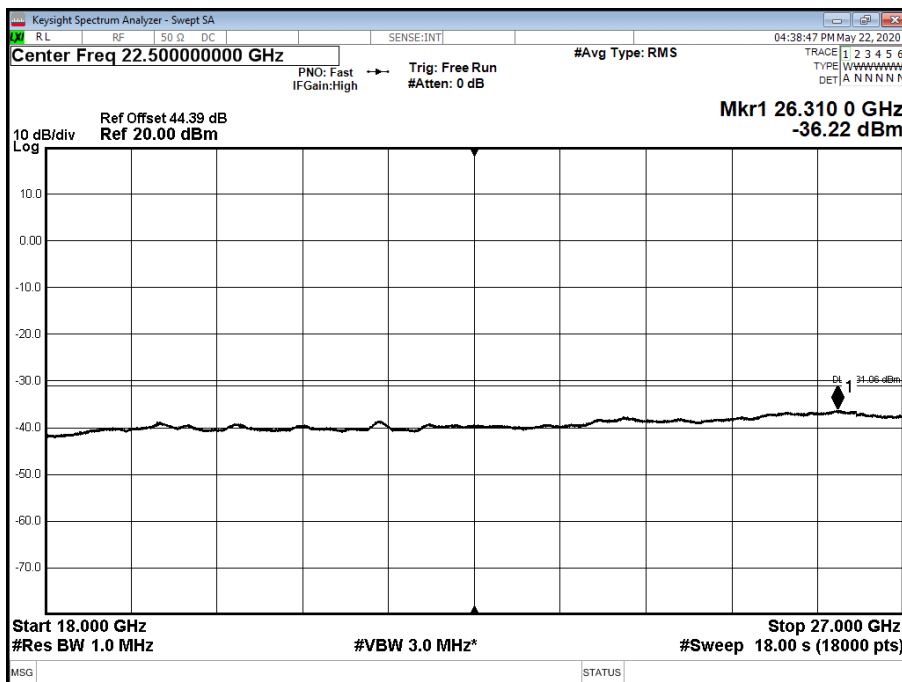




Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 9000 to 18000 MHz



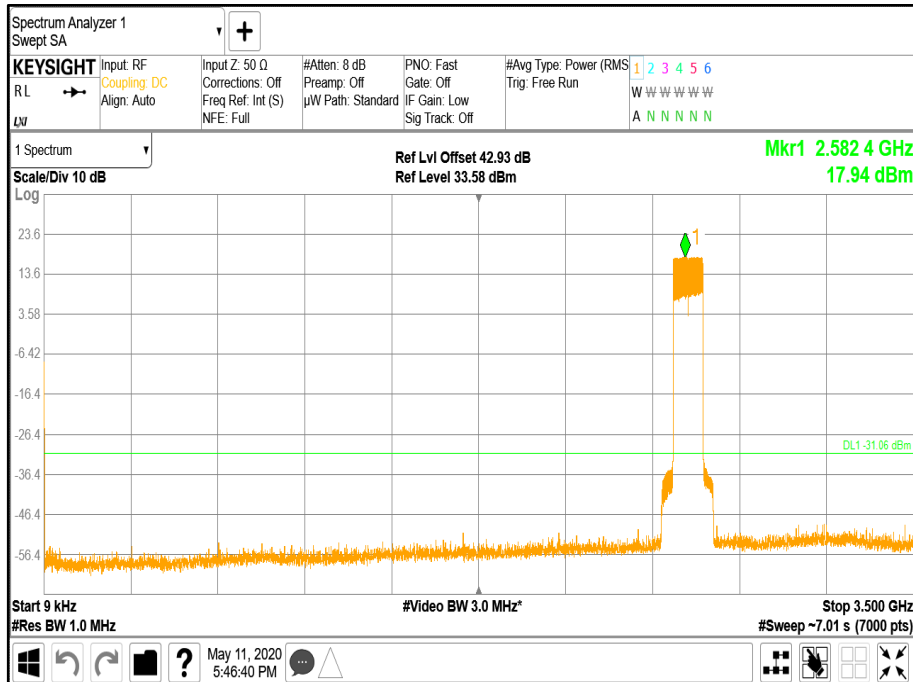
Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 27000 MHz



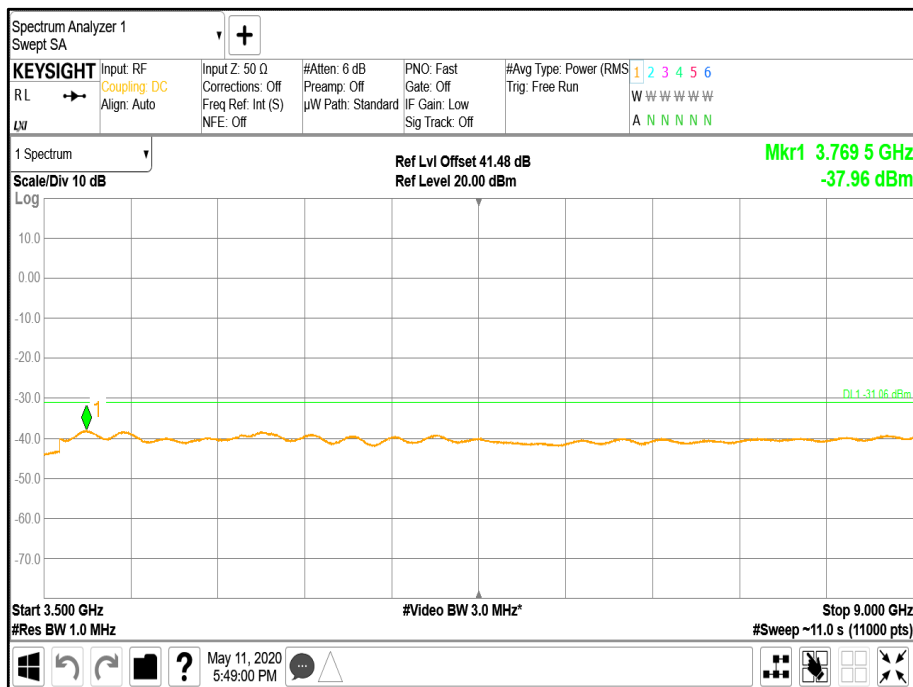




Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

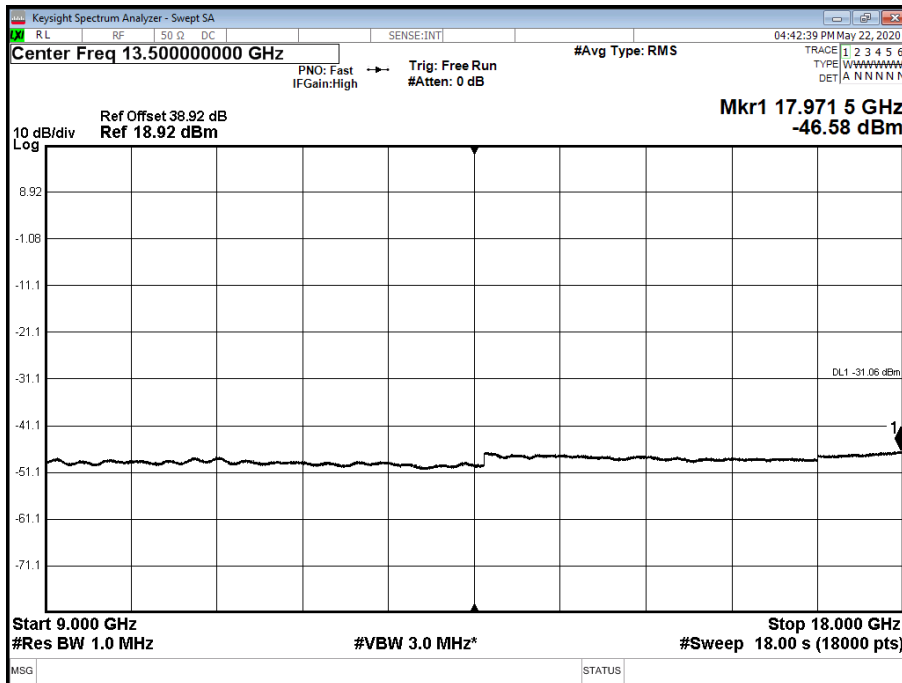


Antenna Port 18 - NR Modulation 64QAM - 2xNR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

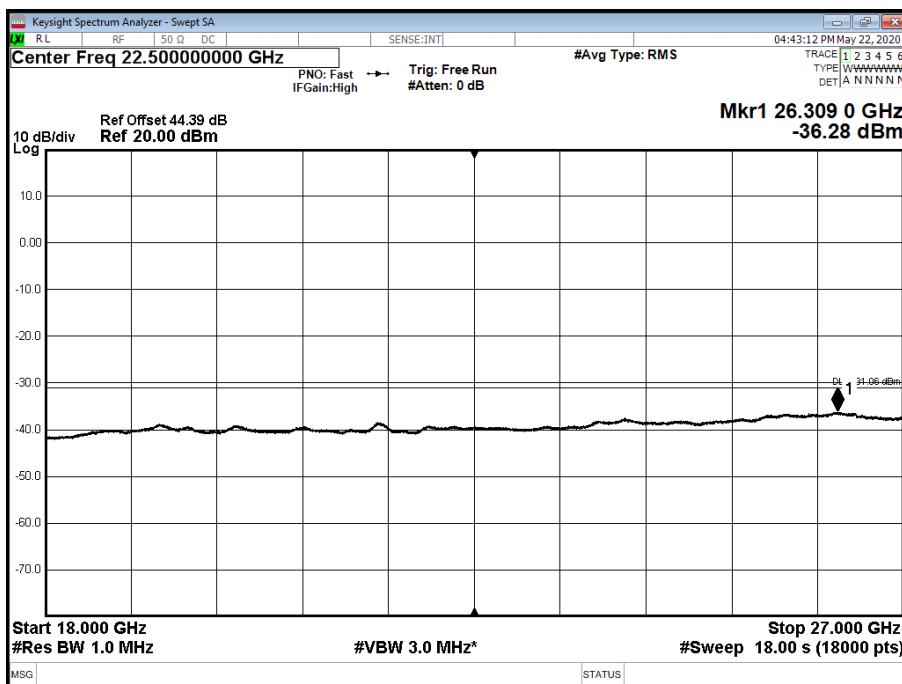




Antenna Port 18 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 3 – Range 9000 to 18000 MHz

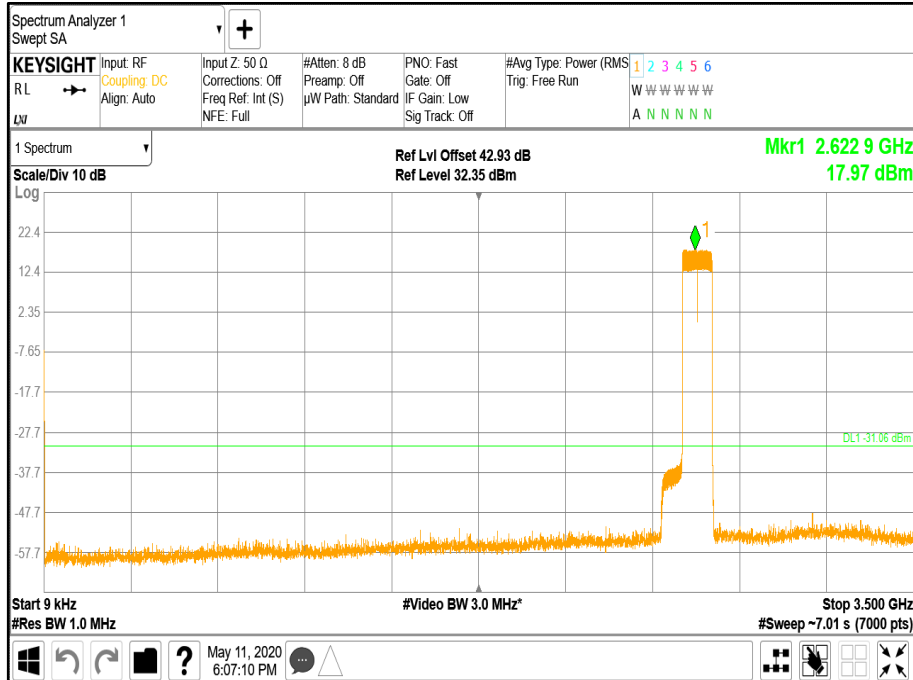


Antenna Port 18 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 18000 to 27000 MHz

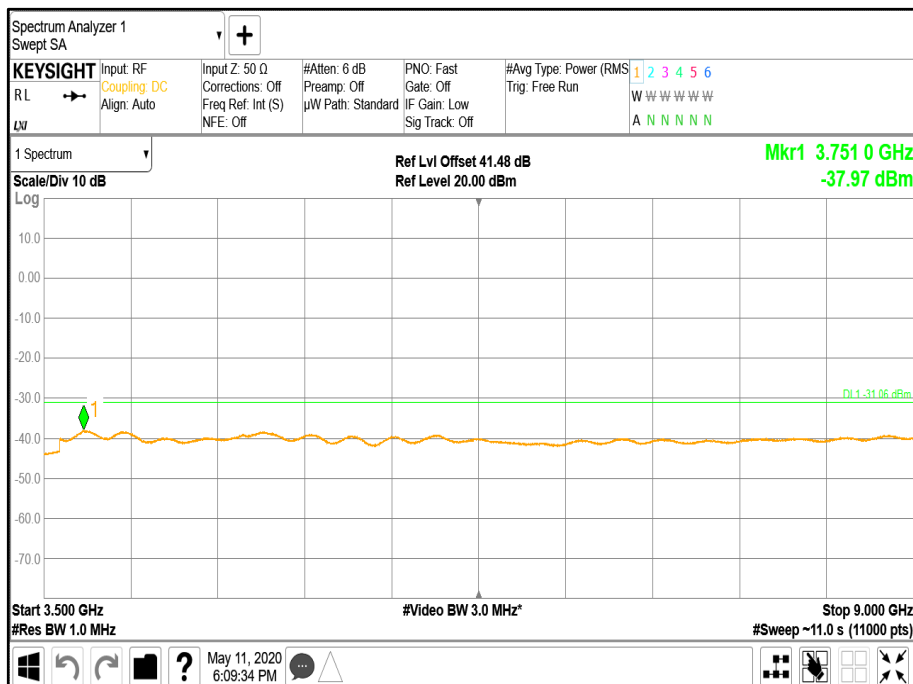




Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

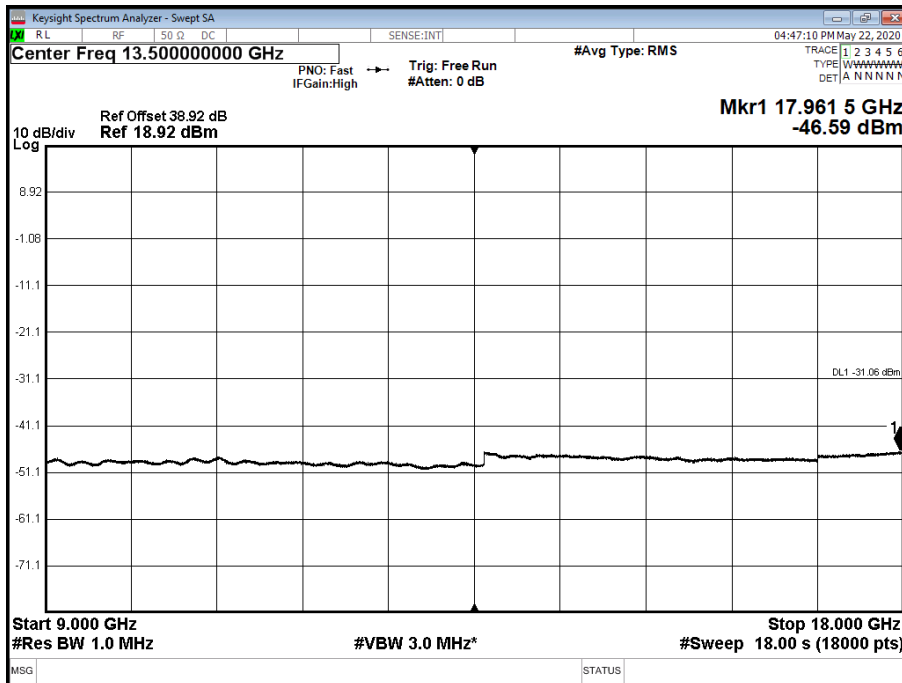


Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

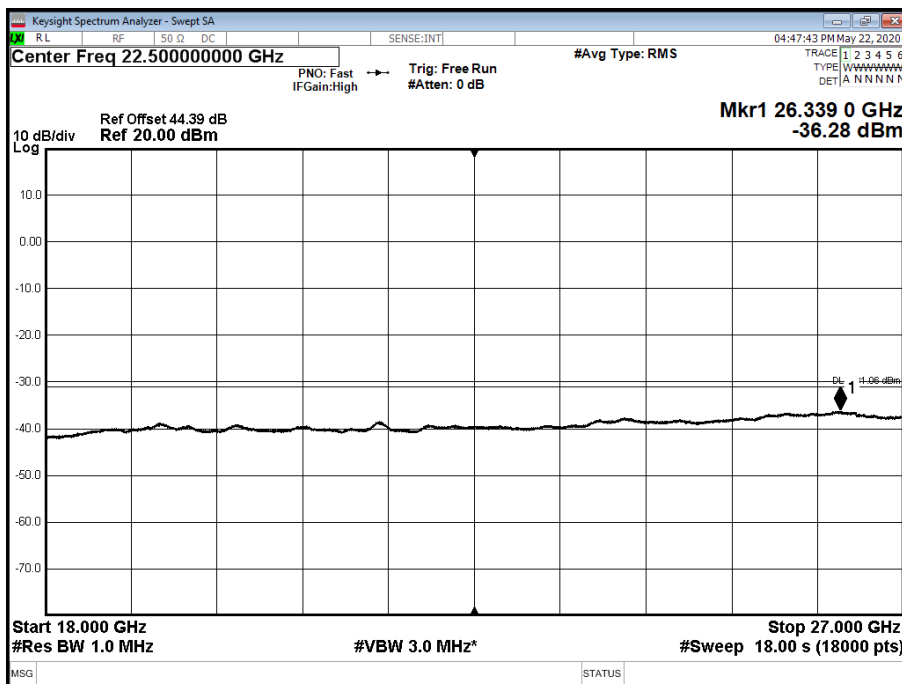




Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 3 - Range 9000 to 18000 MHz

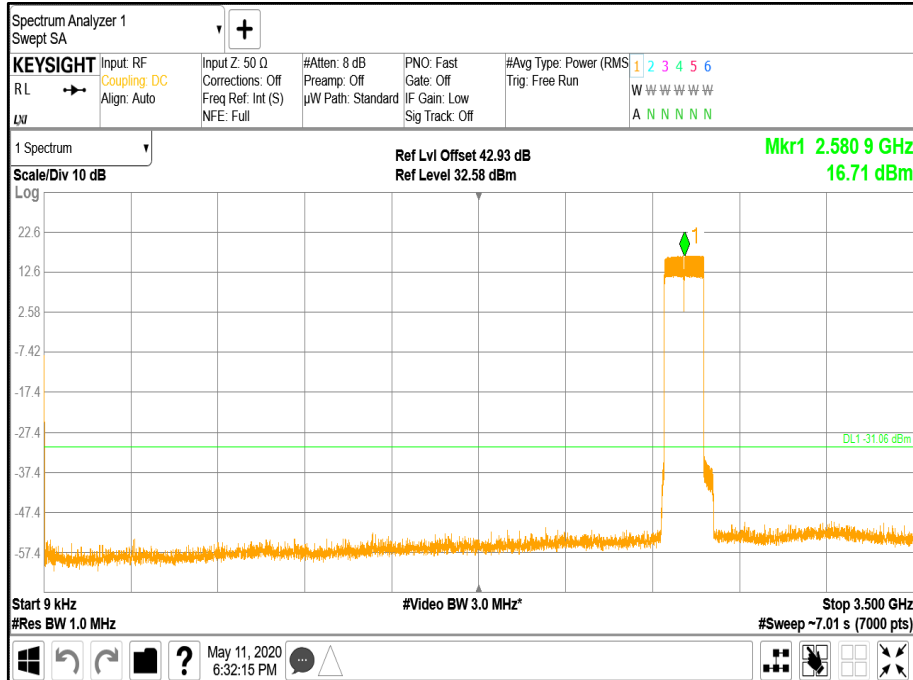


Antenna Port 18 - NR Modulation 64QAM -2x NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz

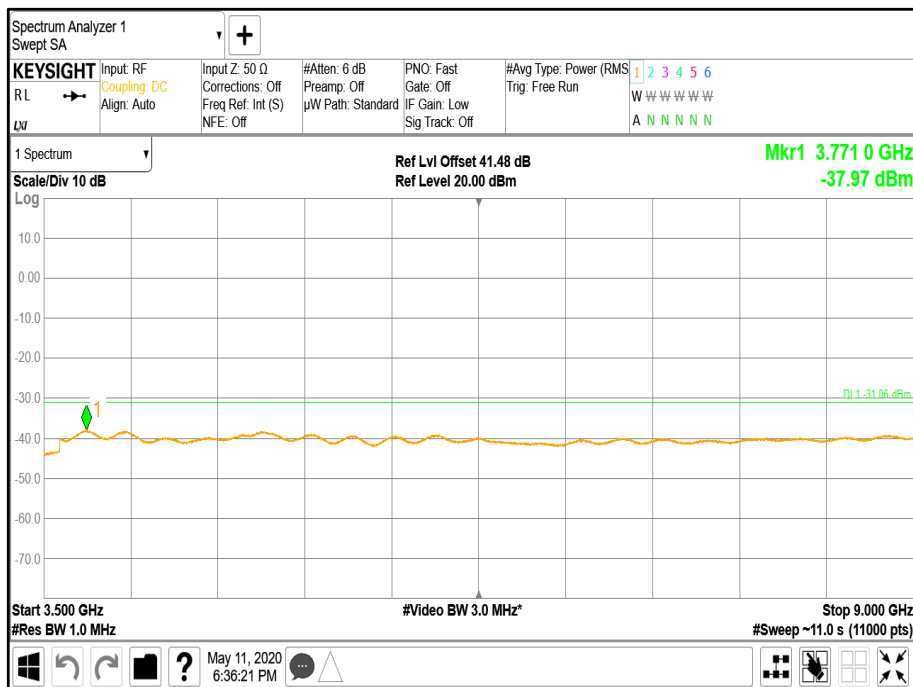




**Antenna Port 28 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 1 - Range 09 to 3500 MHz**

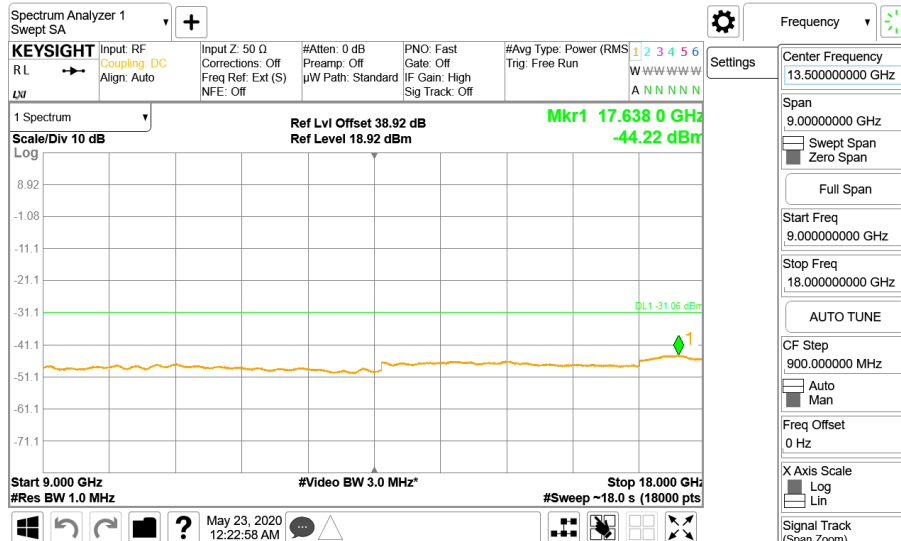


**Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 2 - Range 3500 to 9000 MHz**

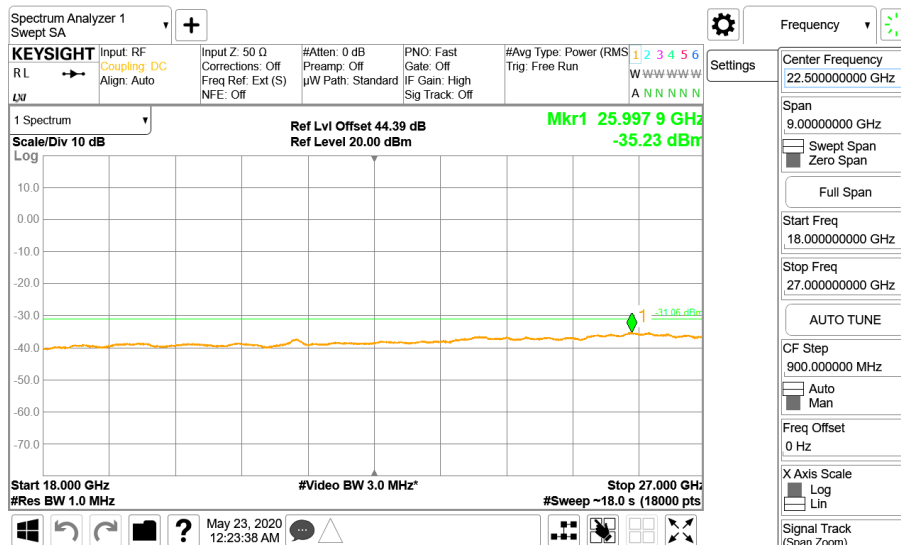




**Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 3 - Range 9000 to 18000 MHz**

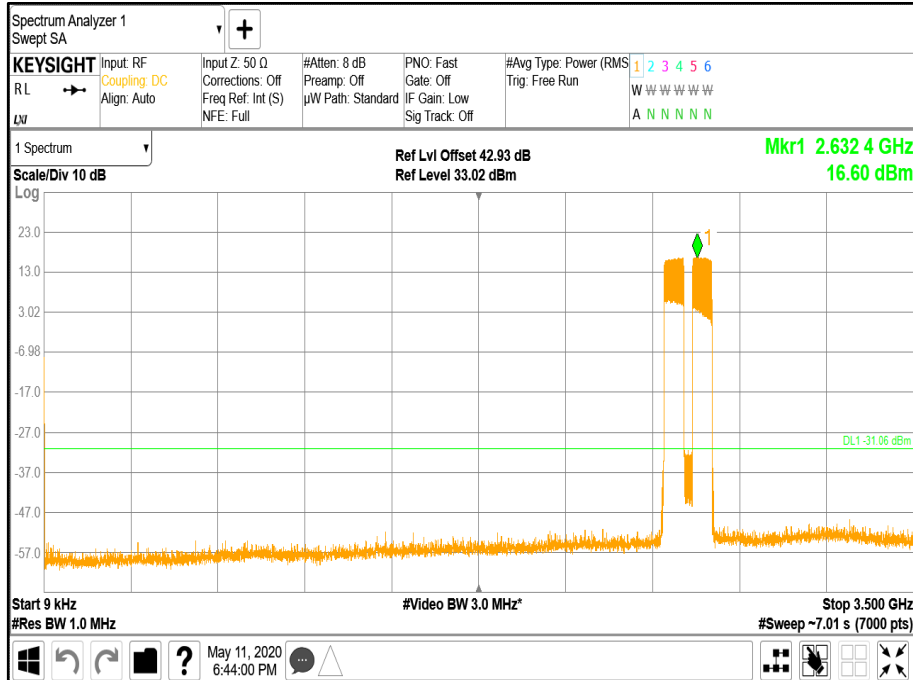


**Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B - Band 4 - Range 18000 to 27000 MHz**

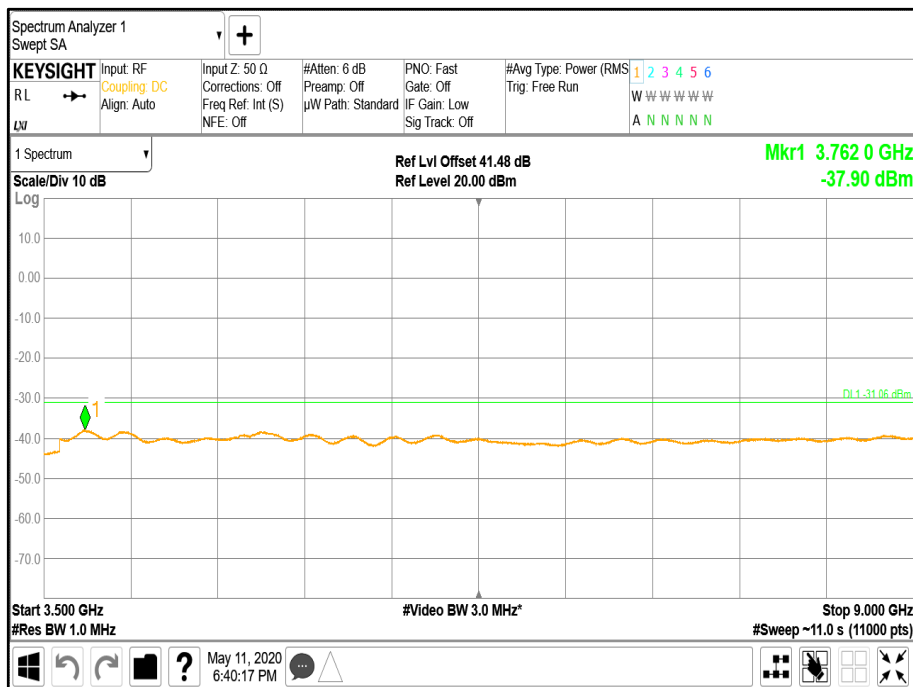




Antenna Port 28 - NR Modulation 64QAM – 2xNR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 1 - Range 09 to 3500 MHz

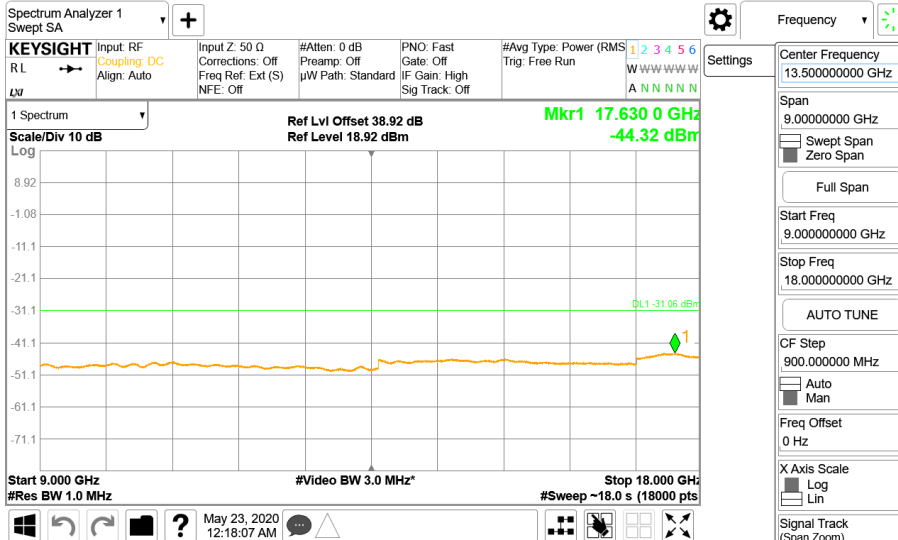


Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 2 - Range 3500 to 9000 MHz

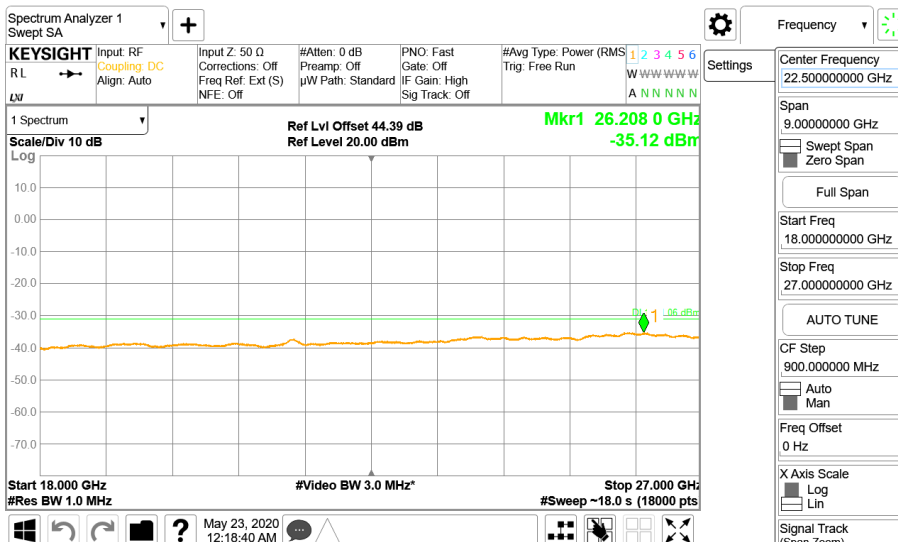




**Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 3 - Range 9000 to 18000 MHz**



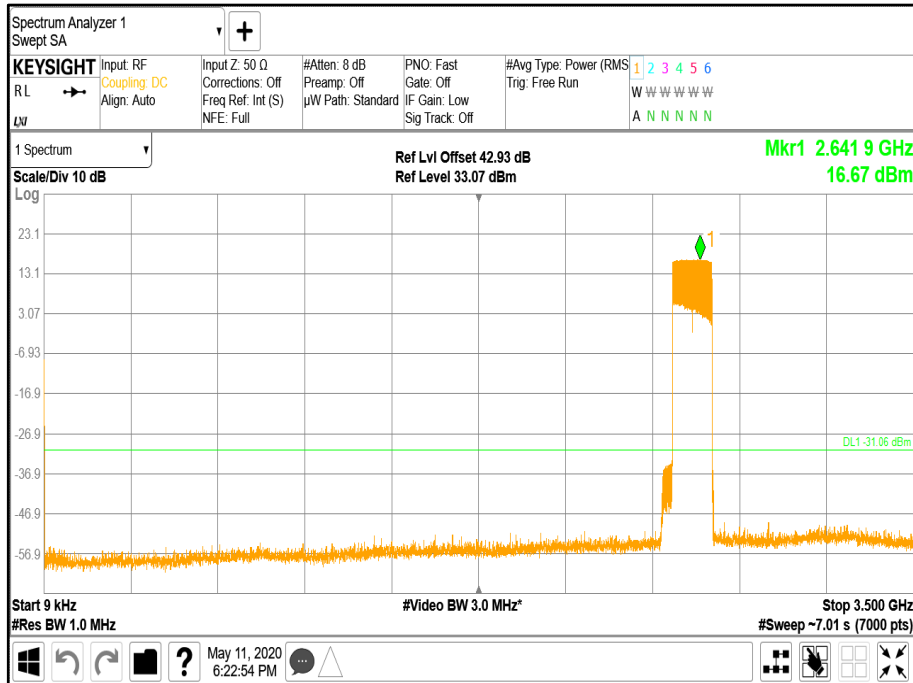
**Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M - Band 4 - Range 18000 to 27000 MHz**



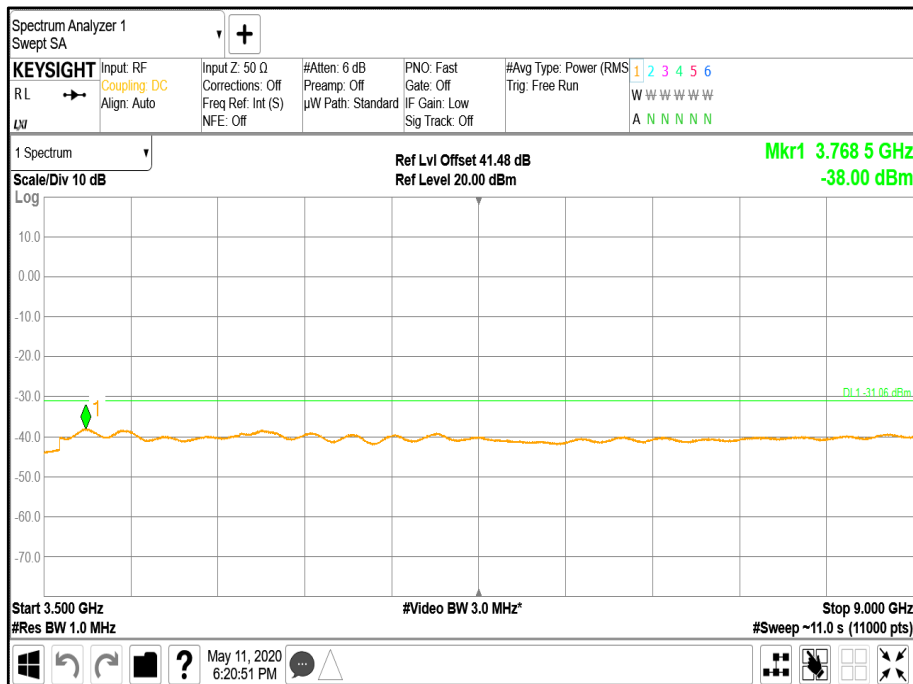




Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 1 - Range 09 to 3500 MHz

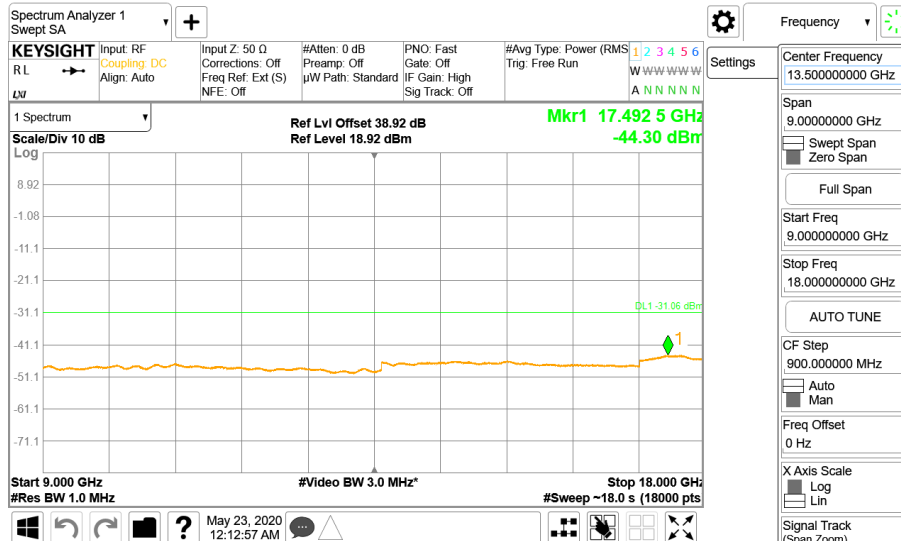


Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 2 - Range 3500 to 9000 MHz

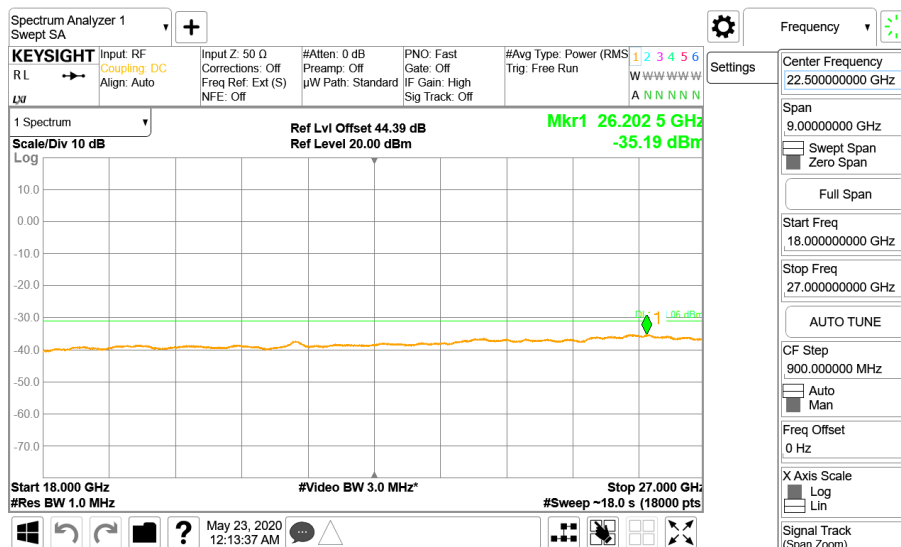




**Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 3- Range 9000 to 18000 MHz**



**Antenna Port 28 - NR Modulation 64QAM -2x NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T - Band 4 - Range 18000 to 27000 MHz**

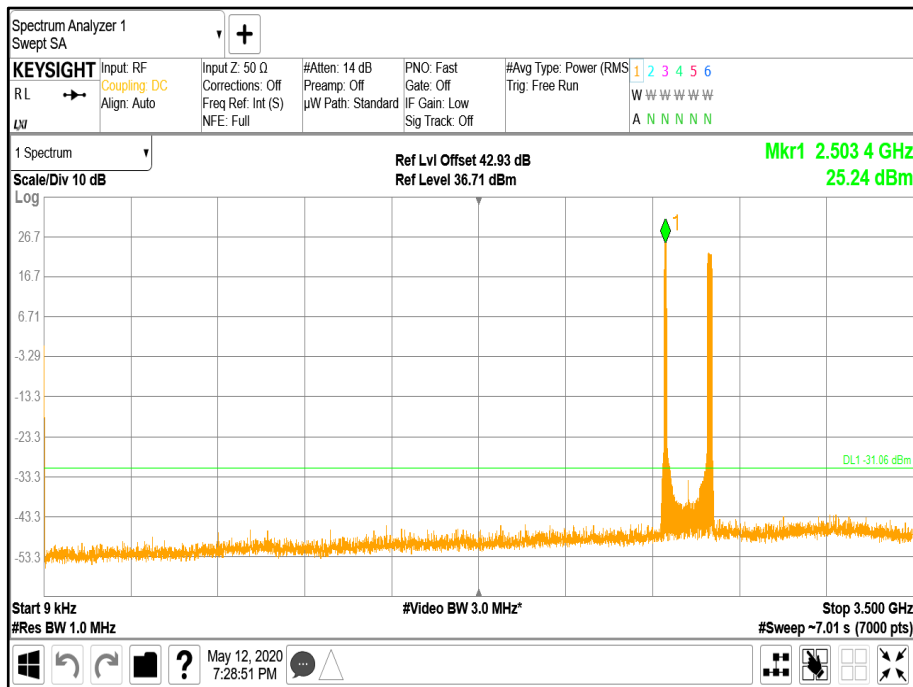




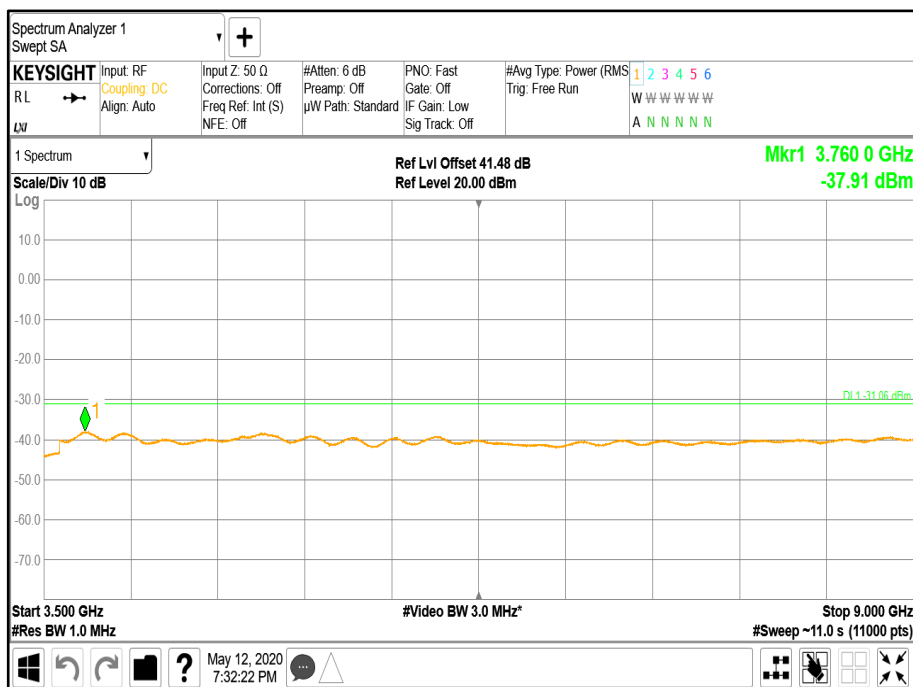
### Configuration 7

Maximum Output Power 36.0 dBm

Antenna Port 34 - LTE / NR Modulation 64QAM / 64QAM - LTE / NR Carrier Bandwidth LTE 10.0 MHz + NR 20.0 MHz - Channel Position M Band 1 - Range 09 to 3500 MHz

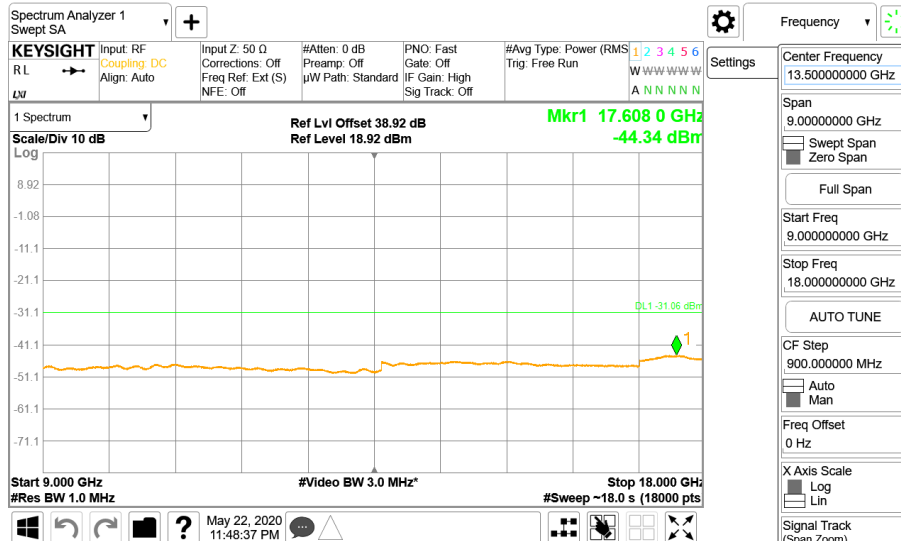


Antenna Port 34 - LTE / NR Modulation N:64QAM / 64QAM - LTE / NR Carrier Bandwidth LTE 10.0 MHz + NR 20.0 MHz - Channel Position M Band 2 - Range 3500 to 9000 MHz

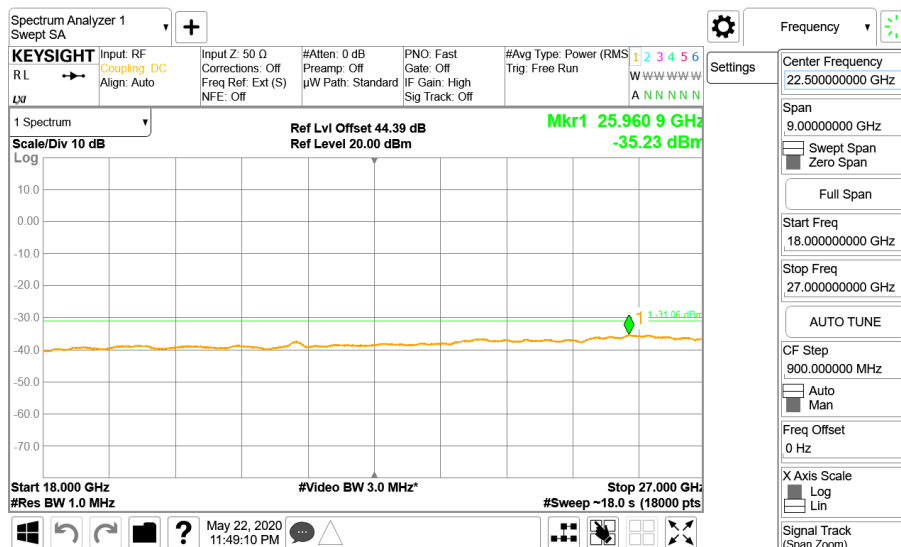




**Antenna Port 34 - LTE / NR Modulation N:64QAM / 64QAM - LTE / NR Carrier Bandwidth LTE 10.0 MHz + NR 20.0 MHz - Channel Position M Band 3 - Range 9000 to 18000 MHz**



**Antenna Port 34 - LTE / NR Modulation N:64QAM / 64QAM - LTE / NR Carrier Bandwidth LTE 10.0 MHz + NR 20.0 MHz - Channel Position M Band 4 - Range 18000 to 27000 MHz**

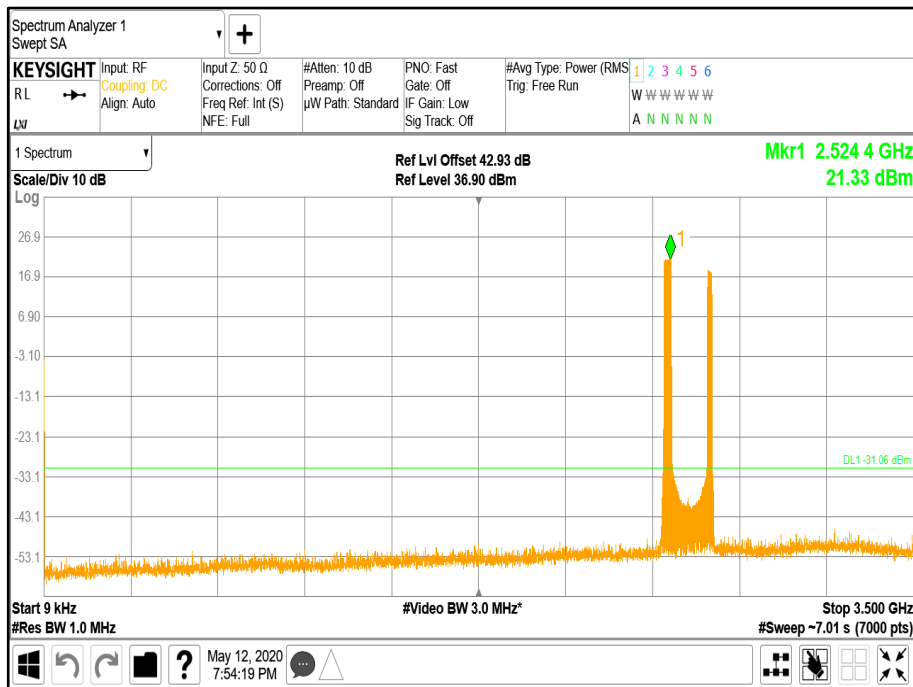




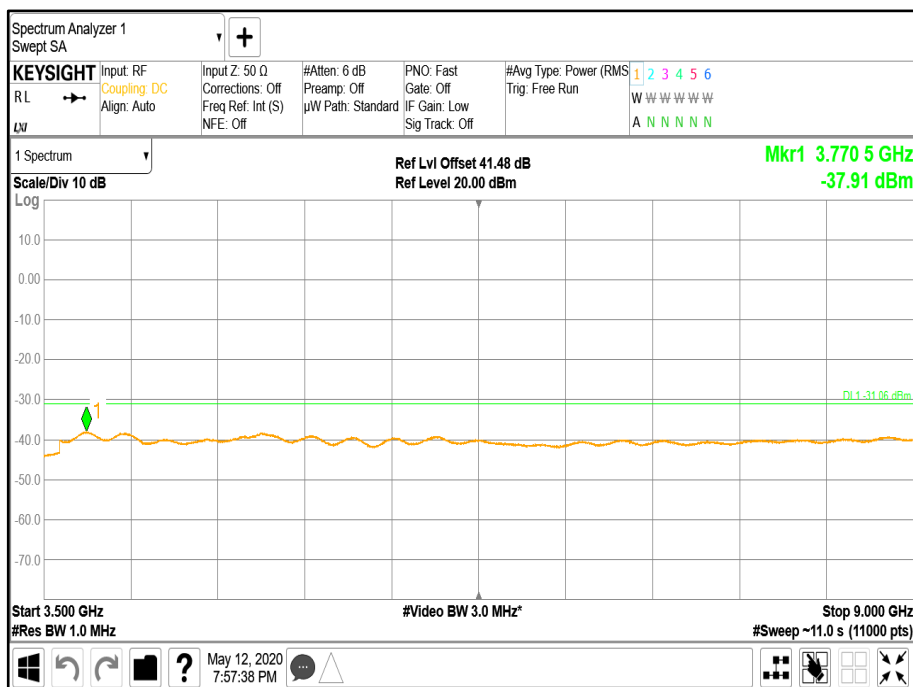
### Configuration 8

Maximum Output Power 36.0 dBm

Antenna Port 34 - LTE / NR Modulation 64QAM / 64QAM - LTE Carrier Bandwidth 10.0 MHz  
+10.0 MHz+10.0 MHz + NR 20.0 MHz - Channel Position M- Band 1 - Range 09 to 3500 MHz

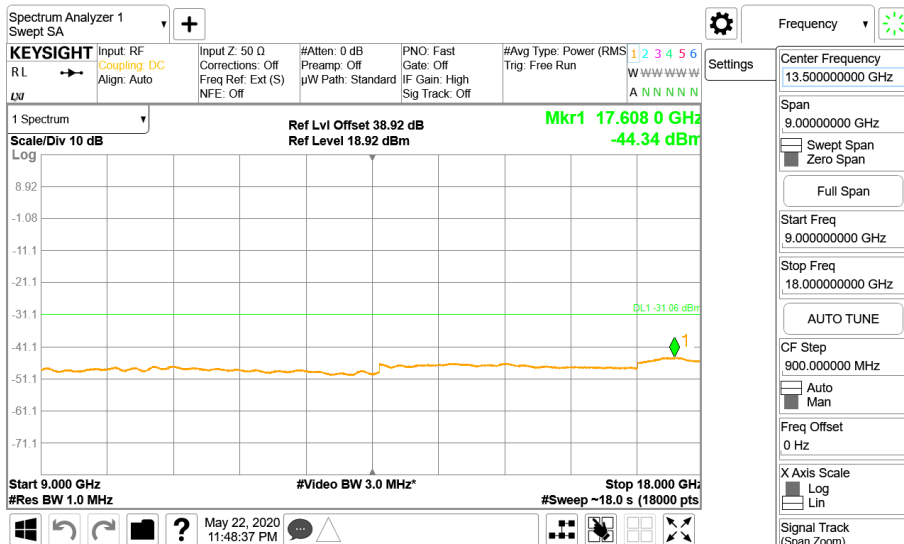


Antenna Port 34 - LTE / NR Modulation N:64QAM / 64QAM - LTE Carrier Bandwidth 10.0 MHz  
+10.0 MHz+10.0 MHz + NR 20.0 MHz - Channel Position M- Band 2 - Range 3500 to 9000 MHz

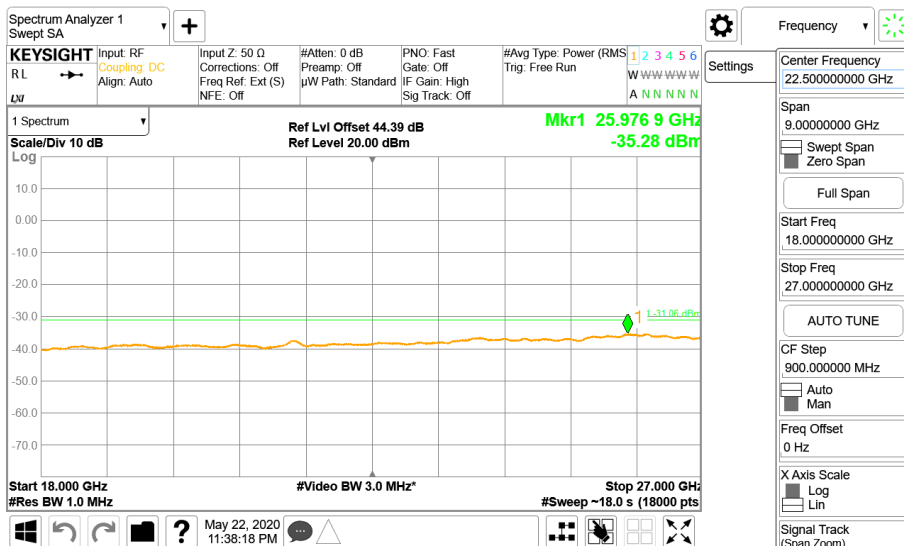




**Antenna Port 34 - LTE / NR Modulation N:64QAM / 64QAM - LTE Carrier Bandwidth 10.0 MHz +10.0 MHz+10.0 MHz + NR 20.0 MHz - Channel Position M- Band 3 - Range 9000 to 18000 MHz**



**Antenna Port 34 - LTE / NR Modulation N:64QAM / 64QAM - LTE Carrier Bandwidth 10.0 MHz +10.0 MHz+10.0 MHz + NR 20.0 MHz - Channel Position M- Band 4 - Range 18000 to 27000 MHz**



Limit	-31.06dBm
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## 2.5 FREQUENCY STABILITY

### 2.5.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.54  
FCC CFR 47 Part 2, Clause 2.1055

### 2.5.2 Date of Test and Modification State

22, 23 and 24 May 2020 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 21.2 - 24.1°C  
Relative Humidity 15.0 - 30.0%

### 2.5.5 Test Method

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

### 2.5.6 Test Results

Configuration 1

Maximum Output Power 36.0 dBm

Temperature	Voltage	Frequency Error (Hz)
		Channel Position M
-30°C	-48.0 V DC	83.66
-20°C	-48.0 V DC	58.66
-10°C	-48.0 V DC	82.97
0°C	-48.0 V DC	72.80
+10°C	-48.0 V DC	69.65
+20°C	-40.5 V DC	94.11
+30°C	-48.0 V DC	69.84
+40°C	-57.5 V DC	67.18
+50°C	-48.0 V DC	-58.13



Voltage Variations

Voltage(v)	Temperature (Centigrade)	Description	LTE
-40.8	20	Max Frequency Error (Hz)	61.21
		Min Frequency Error (Hz)	-82.4
		Mean Frequency Error (Hz)	0.11

Voltage(v)	Temperature (Centigrade)	Description	LTE
-55.2	20	Max Frequency Error (Hz)	38.99
		Min Frequency Error (Hz)	-50.89
		Mean Frequency Error(Hz)	-2.275

Configuration 4

Maximum Output Power 36.0 dBm

Temperature	Voltage	Frequency Error (Hz)
		Channel Position M
-30°C	-48.0 V DC	-166.13
-20°C	-48.0 V DC	-115.23
-10°C	-48.0 V DC	-72.18
0°C	-48.0 V DC	-124.32
+10°C	-48.0 V DC	-105.24
+20°C	-40.5 V DC	46.92
+30°C	-48.0 V DC	-59.15
+40°C	-57.5 V DC	-52.33
+50°C	-48.0 V DC	-160.81

Voltage Variations

Voltage(v)	Temperature (Centigrade)	Description	NR
-40.8	20	Max Frequency Error (Hz)	25.04
		Min Frequency Error (Hz)	-57.61
		Mean Frequency Error (Hz)	-1.46

Voltage(v)	Temperature (Centigrade)	Description	NR
-55.2	20	Max Frequency Error (Hz)	25.75
		Min Frequency Error (Hz)	-131.30
		Mean Frequency Error (Hz)	-4.46

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</b>					
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020
Attenuator	Weinschel	6834-20-11	QM935	N/A	OP MON
Attenuator	Weinschel	6834-20-11	QC181	N/A	OP MON
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
<b>Power Spectral Density</b>					
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020
Attenuator	Weinschel	6834-20-11	QM935	N/A	OP MON
Attenuator	Weinschel	6834-20-11	QC181	N/A	OP MON
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
<b>Transmitter Spurious Emissions</b>					
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020
Attenuator	Weinschel	68-34-20-11	QM935	N/A	OP MON
Attenuator	Weinschel	68-34-20-11	QC181	N/A	OP MON
Attenuator	Weinschel	56-10	T3515	N/A	OP MON
High Pass Filter	Wainwright	WHNX3.8/26.5G-6SS	11	N/A	OP MON
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
<b>CCDF</b>					
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Due
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020
Attenuator	Weinschel	6834-20-11	QM935	N/A	OP MON
Attenuator	Weinschel	6834-20-11	QC181	N/A	OP MON
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
<b>Peak to Average Ratio - Conducted</b>					
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020
Attenuator	Weinschel	6834-20-11	QM935	N/A	OP MON
Attenuator	Weinschel	6834-20-11	QC181	N/A	OP MON
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
<b>Band Edge</b>					
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020
Attenuator	Weinschel	6834-20-11	QM935	N/A	OP MON
Attenuator	Weinschel	6834-20-11	QC181	N/A	OP MON
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
<b>Occupied Bandwidth</b>					
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020
Attenuator	Weinschel	6834-20-11	QM935	N/A	OP MON
Attenuator	Weinschel	6834-20-11	QC181	N/A	OP MON



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Due
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
Frequency Stability					
Hygrometer	Rotronic	HP21	4410	12	13-Jun-2020
Digital Voltmeter	Fluke	79	3057	12	19-Aug-2020
Thermometer	Fluke	51	2267	12	02-Oct-2020
Climatic Chamber	Votsch	VT3 7060	BAMS 1001148977	N/A	OP MON
Power Supply	Delta Electronika	SM 52-30	BAMS 1000077230	N/A	OP MON
Signal Analyser	Keysight	PXA	BAMS 1002016870	12	04-Dec-2020
Network Analyser	Agilent	N5230A	BAMS 0000015882	12	26-Sep-2020
Electronic Calibration Module	Agilent	N4690-60005	BAMS 100153373	12	13-Sep-2020

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	
Conducted Maximum Peak Output Power	30 MHz to 20 GHz Amplitude	± 0.89 dB	
Conducted Emissions	30 MHz to 27 GHz Amplitude	± 2.15 dB	
Frequency Stability	30 MHz to 2.7 GHz	± 5.0 Hz	
Occupied Bandwidth	LTE	10 MHz Bandwidth	± 91060 Hz
	LTE	20 MHz Bandwidth	± 145902 Hz
	NR	20 MHz Bandwidth	± 145902 Hz
	NR	40 MHz Bandwidth	± 269993 Hz
	NR	60 MHz Bandwidth	± 481281 Hz
	NR	80 MHz Bandwidth	± 531684 Hz
	NR	100 MHz Bandwidth	± 661162 Hz
Band Edge	30 MHz to 20 GHz Amplitude	± 0.89 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.



## **SECTION 4**

### **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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**ANNEX A**

**MODULE LIST**



Configurations 1-8			
Product	Product No	R-State	Serial No
CT11	LPC 102 494/1	R2A	T01G487938
AIR 6449 B41	KRD 901 141/2	R1D	C82A592336
AIR 6449 B41	KRD 901 141/2	R1D	C82A592337
CT11	LPC 102 494/1	R2A	T01G487940
Software Version:	CXP2030039%1	Revision:	R31A10765