AVERAGE POWER - ALL PORTS SINGLE 3.45G

XMit 2022.02.07.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Block - DC	Fairview Microwave	SD3239	ANC	2022-03-02	2023-03-02
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFO	2022-09-08	2023-09-08
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The fundamental emission output power (maximum average conducted output power) was measured using the channels and modes as called out on the following data sheets. The transmit power was set to its default maximum.

The method in section 5.2.4.4 of ANSI C63.26 was used to make the measurements. This method uses trace averaging across the ON and OFF times of the EUT transmissions in the spectrum analyzer channel power function using an RMS detector. Following the measurement a duty cycle correction was applied by adding [10 log (1/D)], where D is the duty cycle in decimal, to the measured power to compute the average power during the actual transmission times.

RF conducted emissions testing was performed on all ports at 40 MHz middle channel in order to prove the AQQQA antenna ports are all within the manufacturer's rated output power tolerances (the RF power variation between antenna ports is small as shown in this certification testing) and the antenna port 57 for the 3.45GHz band was selected to perform the testing for this effort.

The AQQQA antenna ports are essentially electrically identical as shown in this testing. Antenna port 57 (TAB 57) is the highest average power port (worst case) for the 3.45GHz Band and was selected to perform the testing under this effort.

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element

TbiTx 2022.06.03.0 XMit 2022.02.07.0

EUT:	AQQQA	Work Order:	NOKI0052
Serial Number:	YK224300010	Date:	16-Jan-23
Customer:	Nokia of America Corporation	Temperature:	22.2 °C
Attendees:	John Rattanavong, Michell Hill	Humidity:	44.6% RH
Project:	None	Barometric Pres.:	1011 mbar
Tested by:	Brandon Hobbs	Power: 54 VDC	Job Site: TX07

TEST SPECIFICATIONS	Test Method
FCC 27:2023	ANSI C63.26:2015

COMMENTS

All losses in the measurement path were accounted for: attenuators, cables, DC block and filter when in use. Band n77 carriers were enabled at maximum power levels for the 3.45GHz band at 3.125watts/carrier in the single carrier operating mode configuration.

DEVIATIONS FROM TEST STANDARD

None

Configuration #	5	Signature

	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
Port 0						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.39	0	34.4	N/A	Within Tolerance	N/A
Port 1						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.51	0	34.5	N/A	Within Tolerance	N/A
Port 2						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.487	0	34.5	N/A	Within Tolerance	N/A
Port 3						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.527	0	34.5	N/A	Within Tolerance	N/A
Port 4						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.432	0	34.4	N/A	Within Tolerance	N/A
Port 5						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.538	0	34.5	N/A	Within Tolerance	N/A
Port 6						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.599	0	34.6	N/A	Within Tolerance	N/A
Port 7						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.694	0	34.7	N/A	Within Tolerance	N/A
Port 8						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.316	0	34.3	N/A	Within Tolerance	N/A
Port 9						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.431	0	34.4	N/A	Within Tolerance	N/A
Port 10						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.678	0	34.7	N/A	Within Tolerance	N/A
Port 11						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.801	0	34.8	N/A	Within Tolerance	N/A
Port 12						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.679	0	34.7	N/A	Within Tolerance	N/A
Port 13						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.637	0	34.6	N/A	Within Tolerance	N/A
Port 14						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3500.01 MHz	34.606	0	34.6	N/A	Within Tolerance	N/A
Port 15						
Band n77, 3450 - 3550 MHz						
40 MHz Bandwidth						

256QAM Modulation							
Mid Channel, 3500.01 MHz	34.736	0	34.7	N/A	Within Tolerance	N/A	
Port 16							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.691	0	34.7	N/A	Within Tolerance	N/A	
Port 17							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.596	0	34.6	N/A	Within Tolerance	N/A	
Port 18							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.514	0	34.5	N/A	Within Tolerance	N/A	
Port 19							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.443	0	34.4	N/A	Within Tolerance	N/A	
Port 20							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.434	0	34.4	N/A	Within Tolerance	N/A	
Port 21							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.491	0	34.5	N/A	Within Tolerance	N/A	
Port 22							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.402	0	34.4	N/A	Within Tolerance	N/A	
Port 23							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.354	0	34.4	N/A	Within Tolerance	N/A	
Port 24							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.59	0	34.6	N/A	Within Tolerance	N/A	
Port 25							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.543	0	34.5	N/A	Within Tolerance	N/A	
Port 26							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.681	0	34.7	N/A	Within Tolerance	N/A	
Port 27							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.482	0	34.5	N/A	Within Tolerance	N/A	
Port 28							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.655	0	34.7	N/A	Within Tolerance	N/A	
Port 29							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.318	0	34.3	N/A	Within Tolerance	N/A	
Port 30							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.405	0	34.4	N/A	Within Tolerance	N/A	
Port 31							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.315	0	34.3	N/A	Within Tolerance	N/A	
Port 32							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.68	0	34.7	N/A	Within Tolerance	N/A	
Port 33							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.453	0	34.5	N/A	Within Tolerance	N/A	
Port 34							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.627	0	34.6	N/A	Within Tolerance	N/A	
Port 35							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.575	0	34.6	N/A	Within Tolerance	N/A	
Port 36							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.508	0	34.5	N/A	Within Tolerance	N/A	
Port 37							

	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.389	0	34.4	N/A	Within Tolerance	N/A
Port 38							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.418	0	34.4	N/A	Within Tolerance	N/A
Port 39							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.43	0	34.4	N/A	Within Tolerance	N/A
Port 40							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.5	0	34.5	N/A	Within Tolerance	N/A
Port 41							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.585	0	34.6	N/A	Within Tolerance	N/A
Port 42							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.523	0	34.5	N/A	Within Tolerance	N/A
Port 43							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.46	0	34.5	N/A	Within Tolerance	N/A
Port 44							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.53	0	34.5	N/A	Within Tolerance	N/A
Port 45							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.656	0	34.7	N/A	Within Tolerance	N/A
Port 46							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.7	0	34.7	N/A	Within Tolerance	N/A
Port 47							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.592	0	34.6	N/A	Within Tolerance	N/A
Port 48							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	35.386	0	35.4	N/A	Within Tolerance	N/A
Port 49							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	35.534	0	35.5	N/A	Within Tolerance	N/A
Port 50							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.652	0	34.7	N/A	Within Tolerance	N/A
Port 51							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.545	0	34.5	N/A	Within Tolerance	N/A
Port 52							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.528	0	34.5	N/A	Within Tolerance	N/A
Port 53							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.555	0	34.6	N/A	Within Tolerance	N/A
Port 54							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.425	0	34.4	N/A	Within Tolerance	N/A
Port 55							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	34.711	0	34.7	N/A	Within Tolerance	N/A
Port 56							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	35.473	0	35.5	N/A	Within Tolerance	N/A
Port 57							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						
	Mid Channel, 3500.01 MHz	35.544	0	35.5	N/A	Within Tolerance	N/A
Port 58							
	Band n77, 3450 - 3550 MHz						
	40 MHz Bandwidth						
	256QAM Modulation						

Mid Channel, 3500.01 MHz	34.611	0	34.6	N/A	Within Tolerance	N/A	
Port 59							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.609	0	34.6	N/A	Within Tolerance	N/A	
Port 60							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.906	0	34.9	N/A	Within Tolerance	N/A	
Port 61							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.402	0	34.4	N/A	Within Tolerance	N/A	
Port 62							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.488	0	34.5	N/A	Within Tolerance	N/A	
Port 63							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	34.586	0	34.6	N/A	Within Tolerance	N/A	
All Ports							
Band n77, 3450 - 3550 MHz							
40 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3500.01 MHz	N/A	N/A	N/A	52.7	Within Tolerance	N/A	

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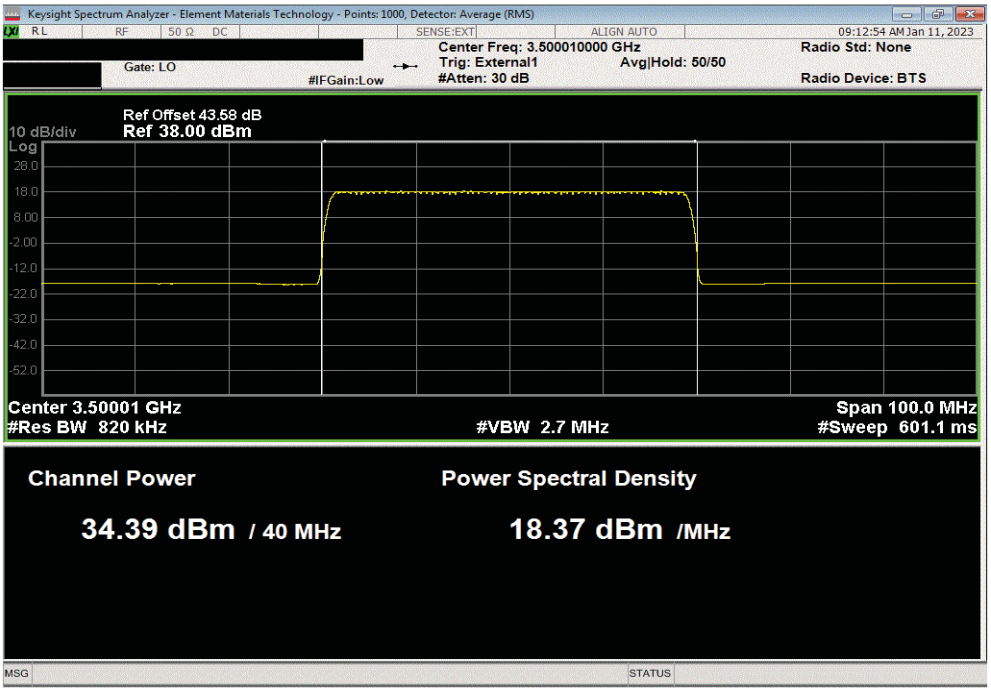
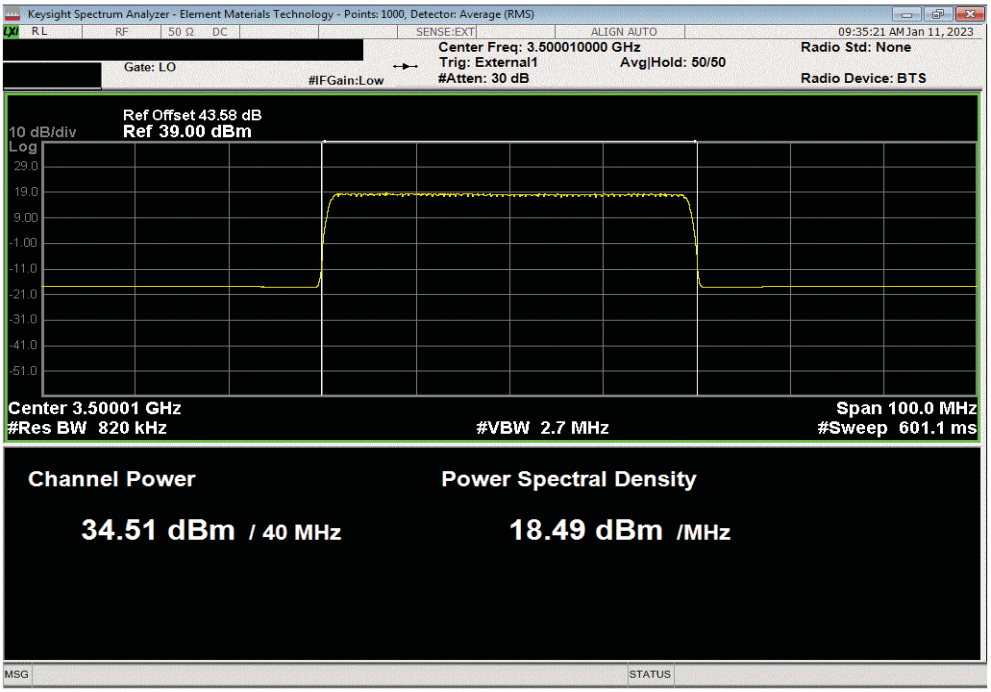
Port 0, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.39	0	34.4	N/A	Within Tolerance	N/A



Port 1, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.51	0	34.5	N/A	Within Tolerance	N/A



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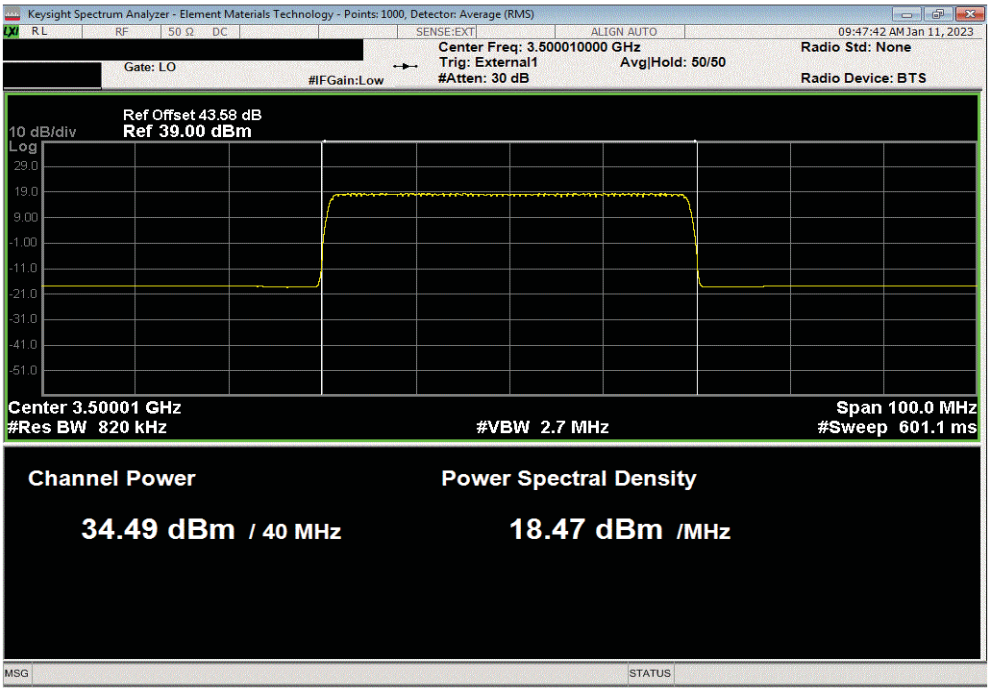
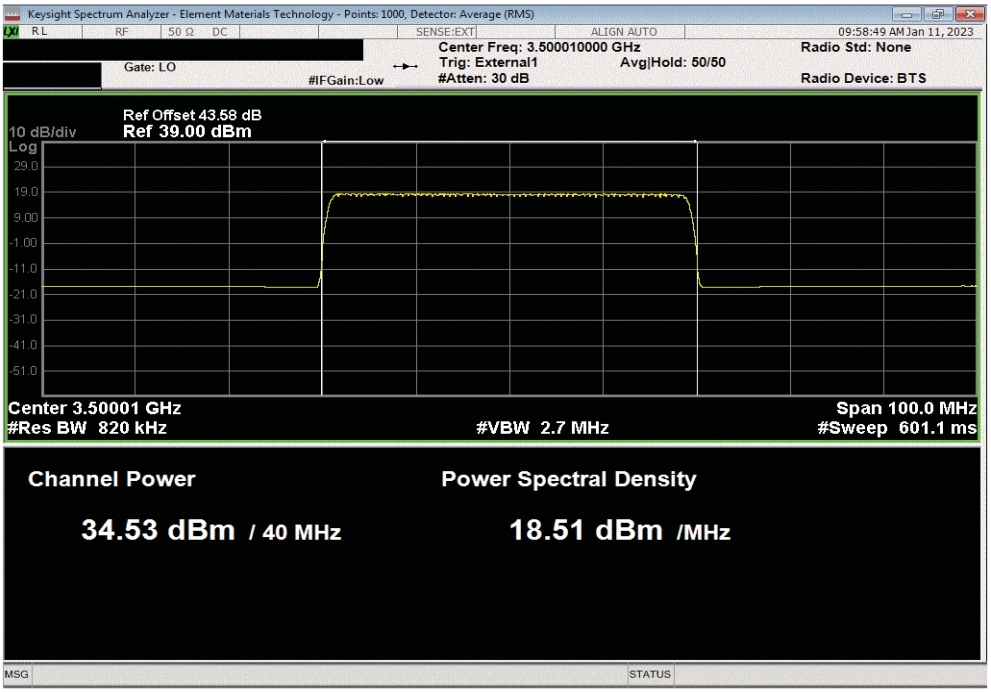
Port 2, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.487	0	34.5	N/A	Within Tolerance	N/A



Port 3, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.527	0	34.5	N/A	Within Tolerance	N/A



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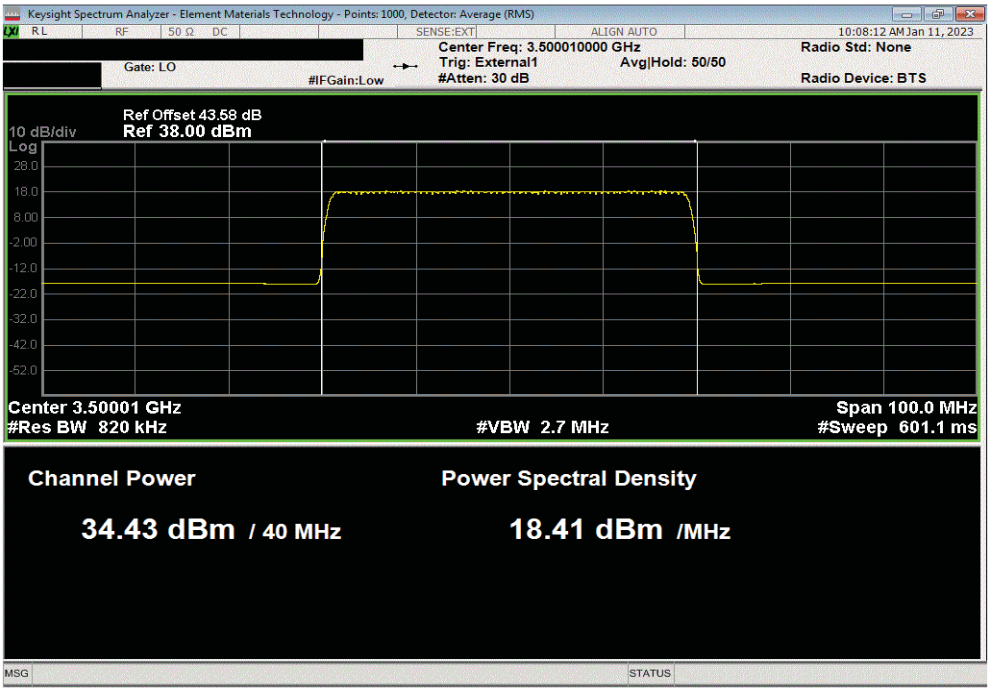
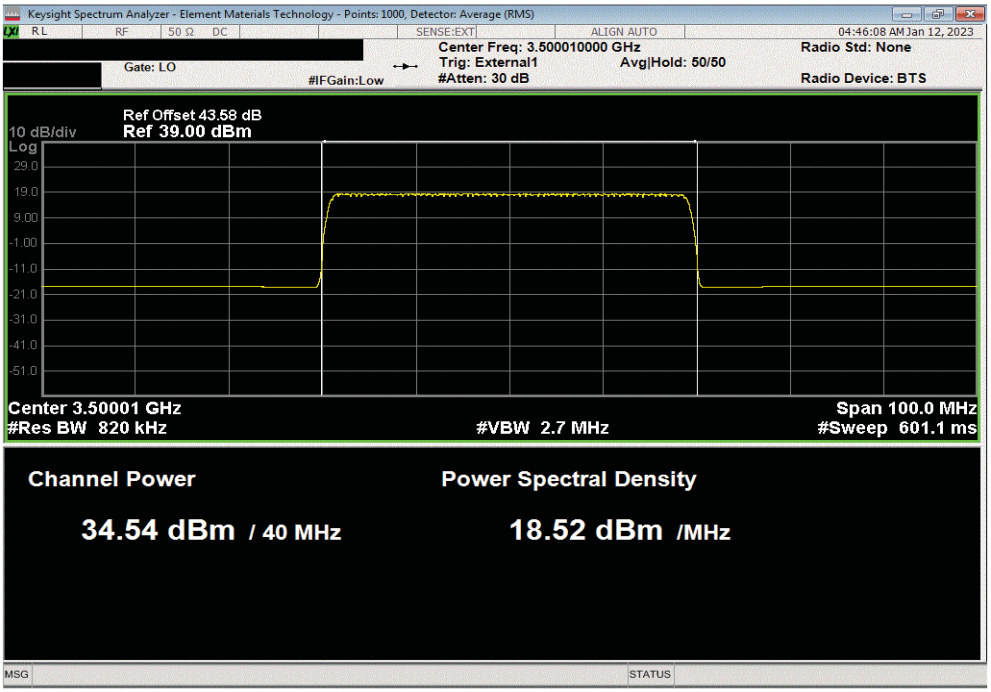
Port 4, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.432	0	34.4	N/A	Within Tolerance	N/A



Port 5, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.538	0	34.5	N/A	Within Tolerance	N/A



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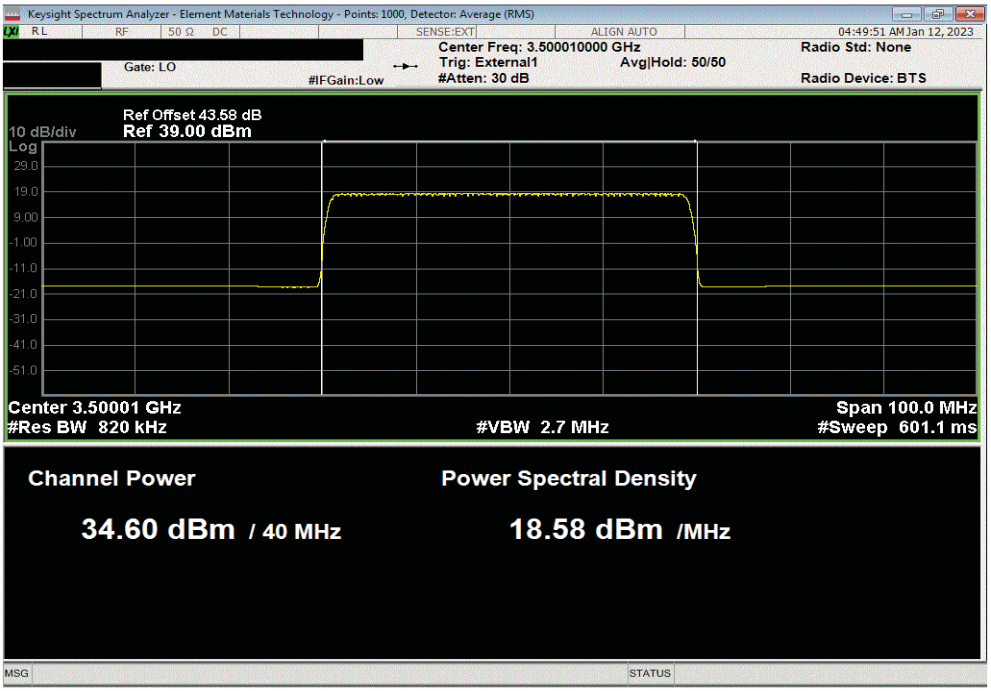
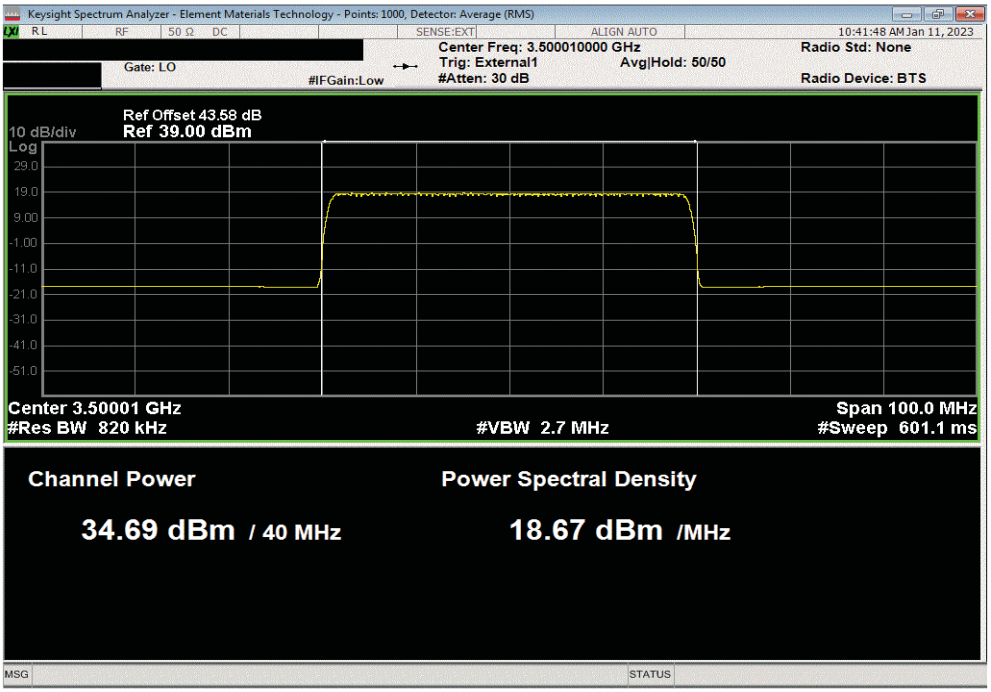
Port 6, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.599	0	34.6	N/A	Within Tolerance	N/A



Port 7, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.694	0	34.7	N/A	Within Tolerance	N/A



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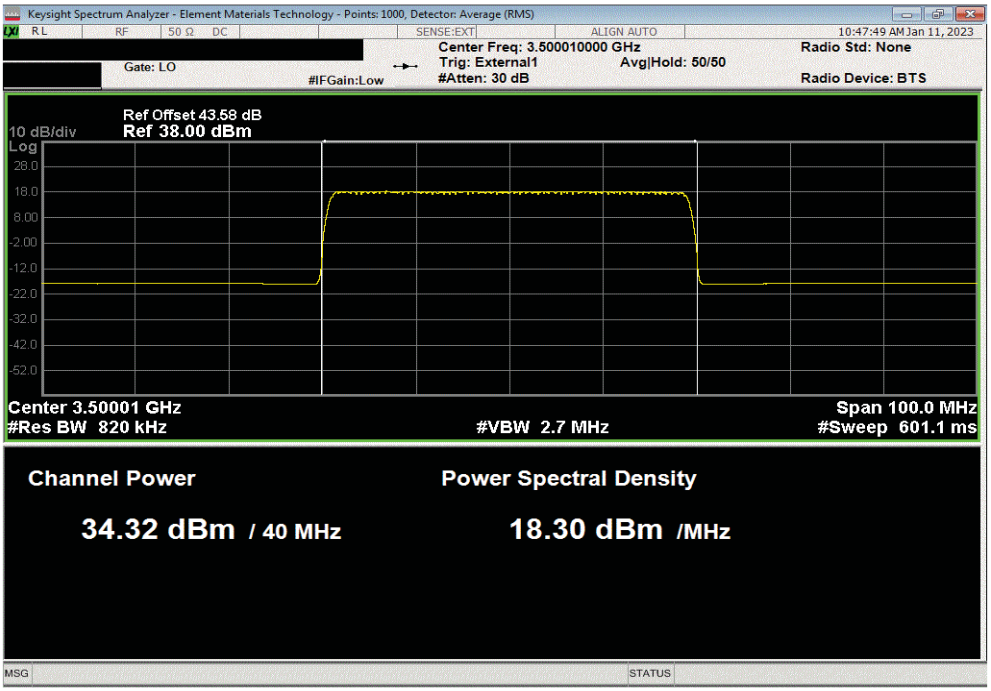
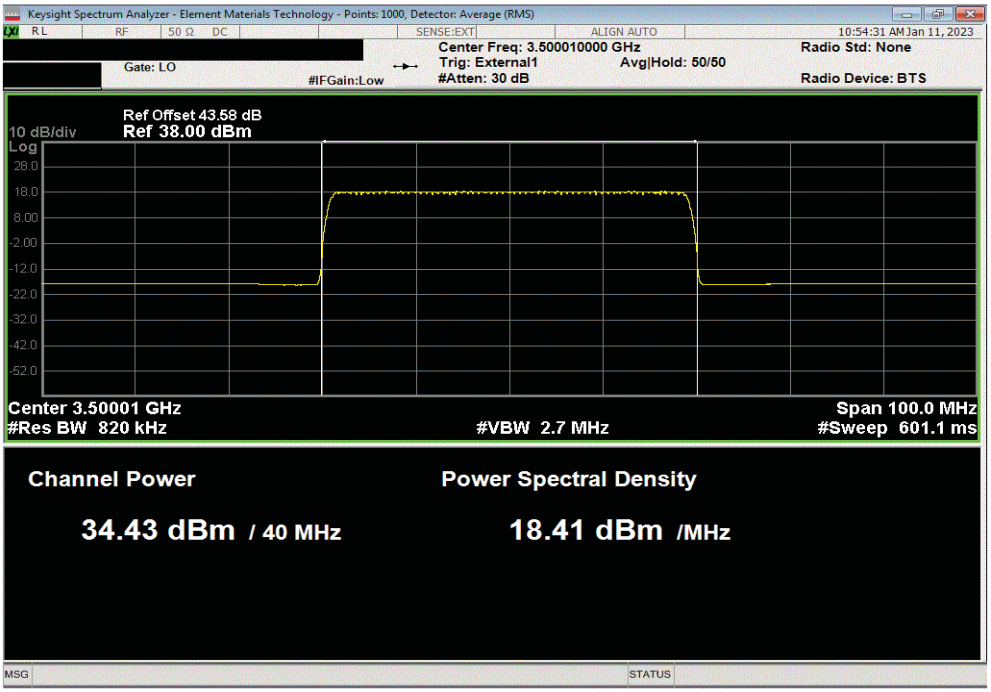
Port 8, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.316	0	34.3	N/A	Within Tolerance	N/A



Port 9, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.431	0	34.4	N/A	Within Tolerance	N/A



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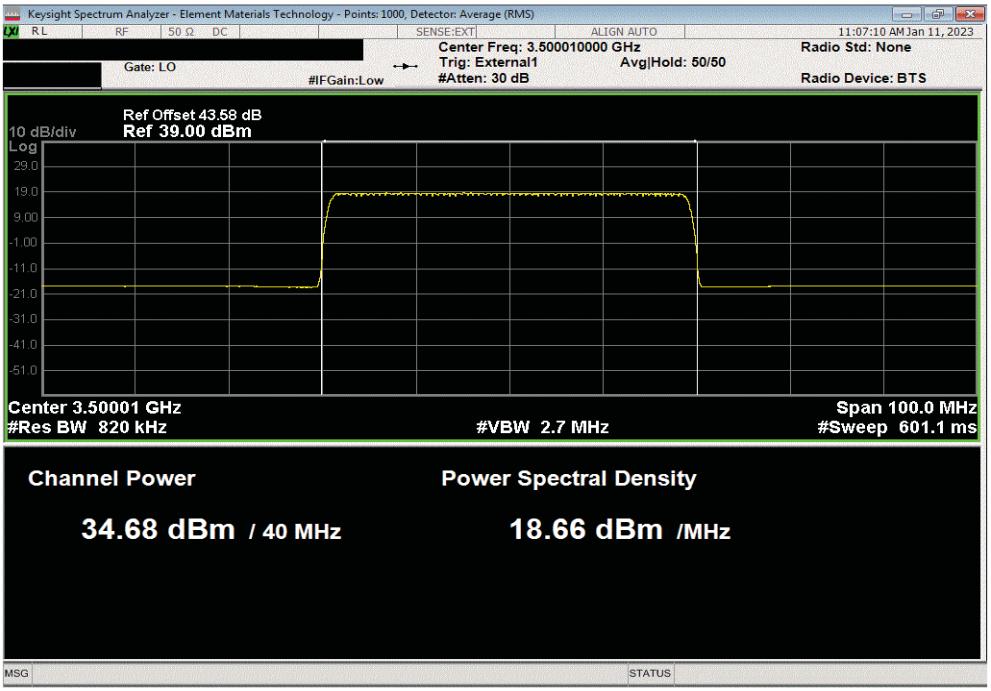
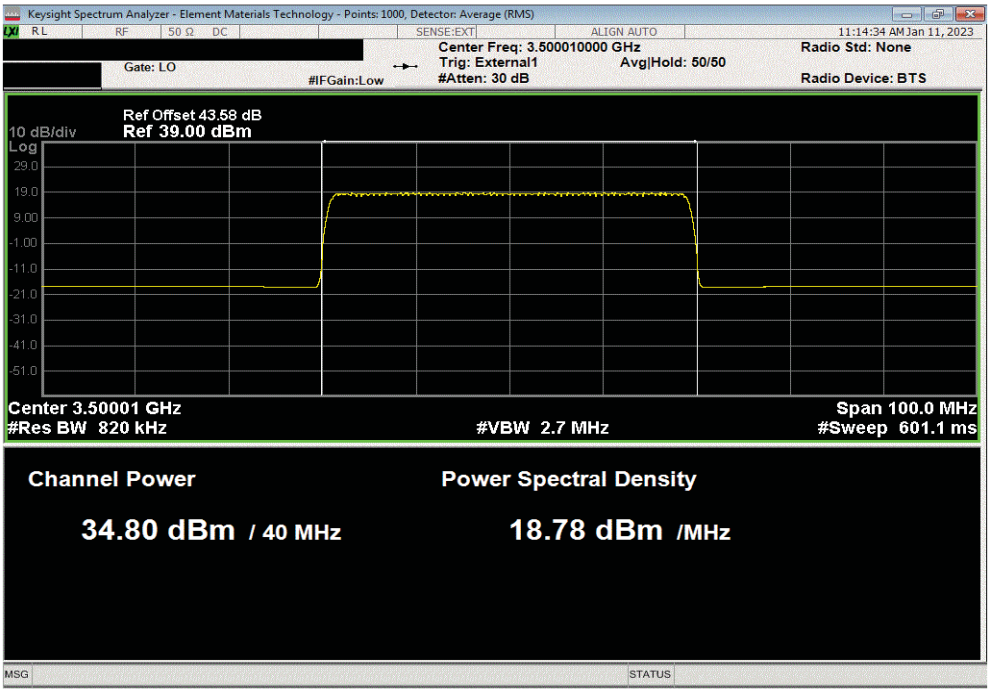
Port 10, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.678	0	34.7	N/A	Within Tolerance	N/A

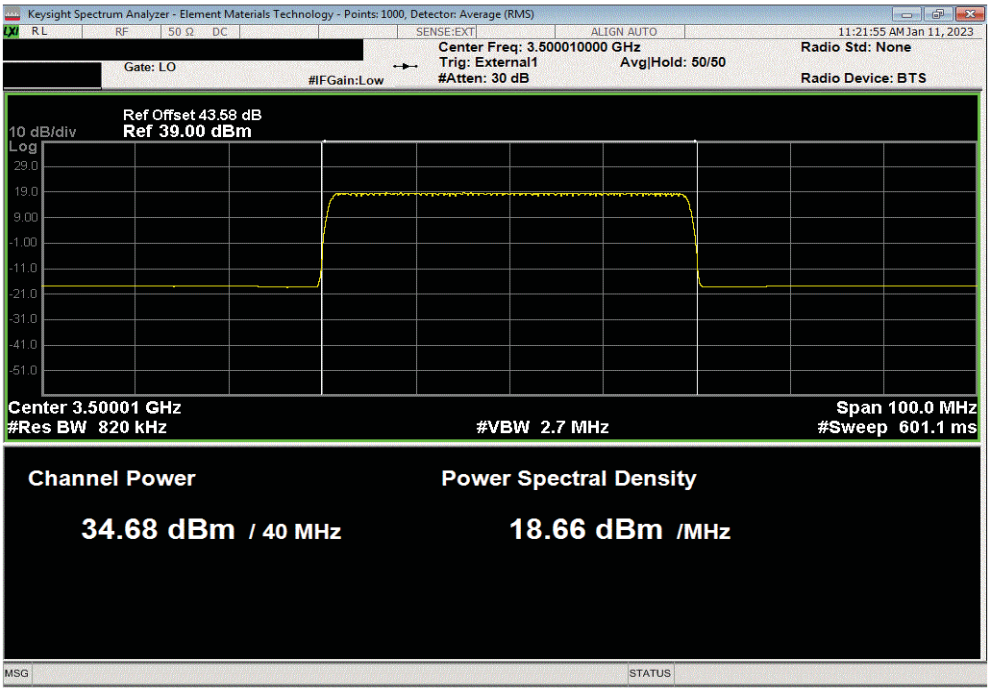


Port 11, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.801	0	34.8	N/A	Within Tolerance	N/A

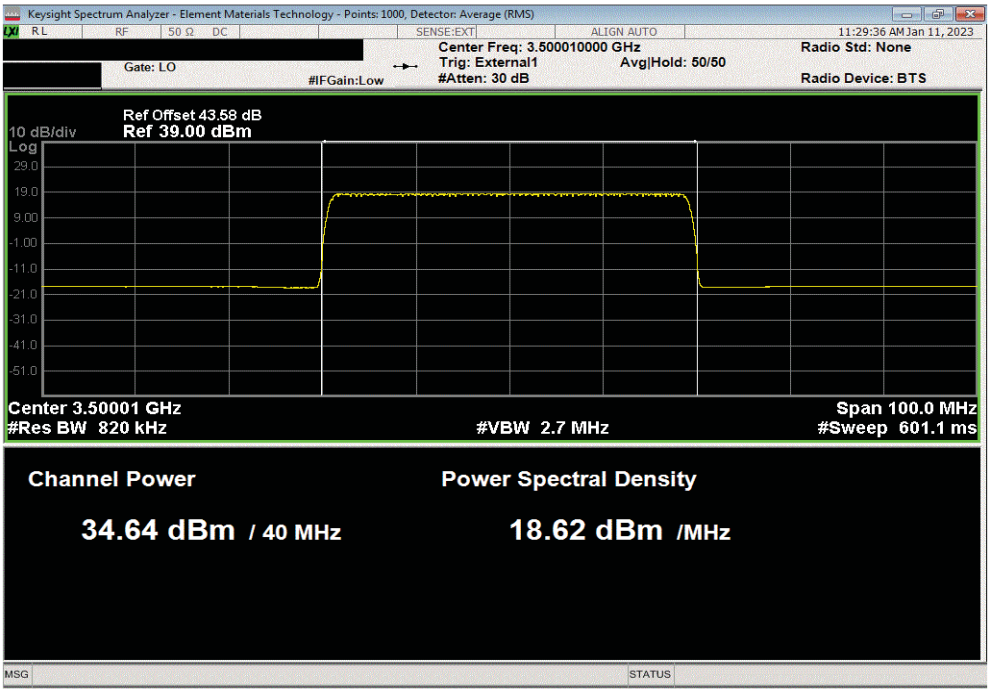


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 12, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.679	0	34.7	N/A	Within Tolerance	N/A

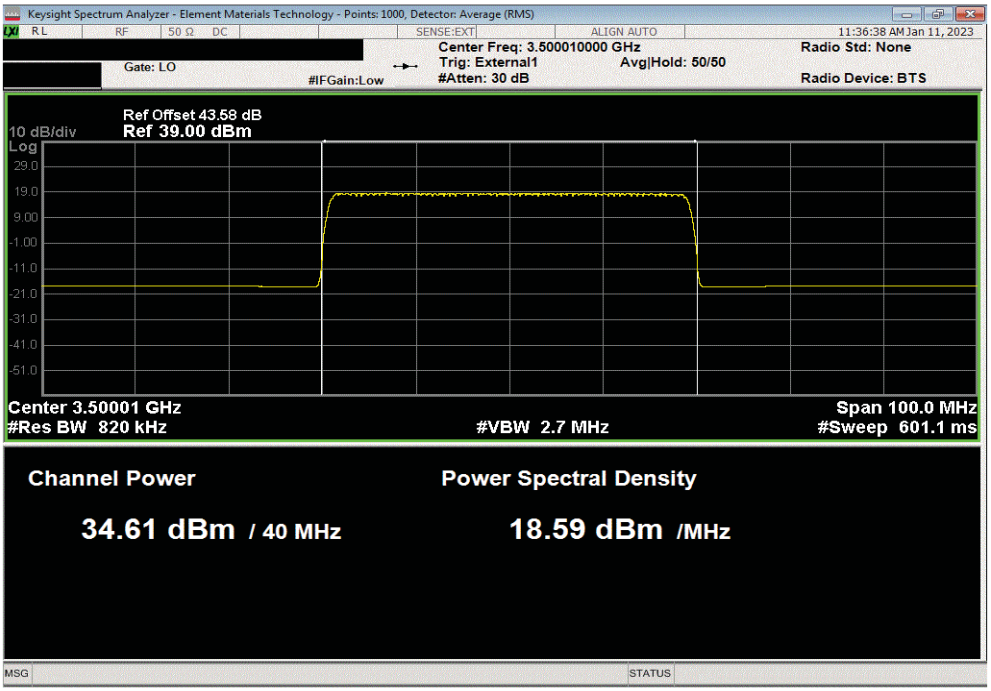


Port 13, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.637	0	34.6	N/A	Within Tolerance	N/A

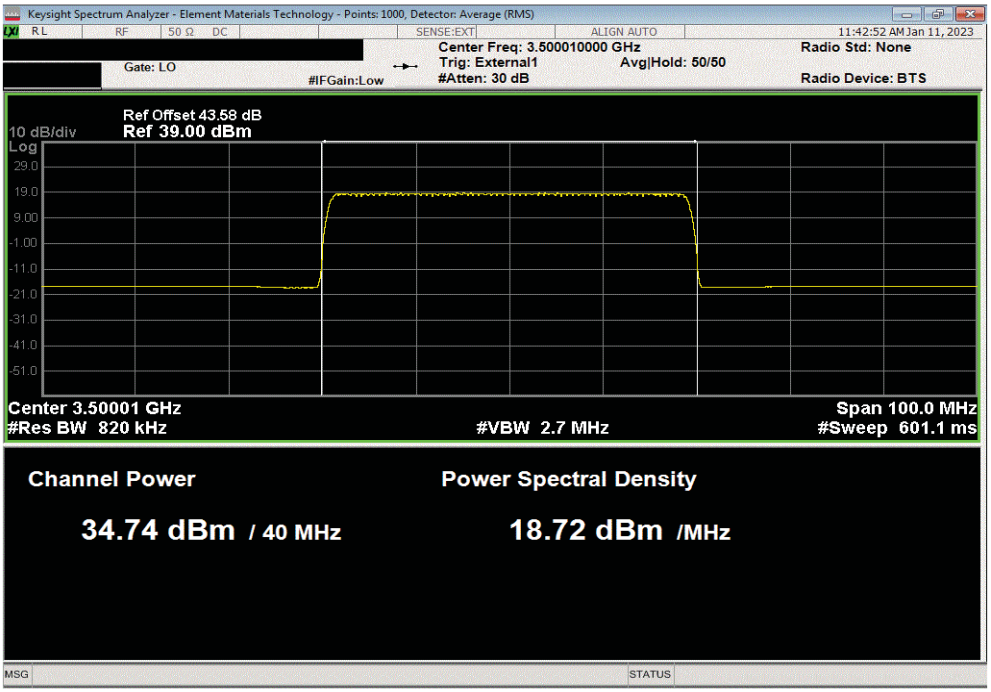


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 14, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.606	0	34.6	N/A	Within Tolerance	N/A



Port 15, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.736	0	34.7	N/A	Within Tolerance	N/A



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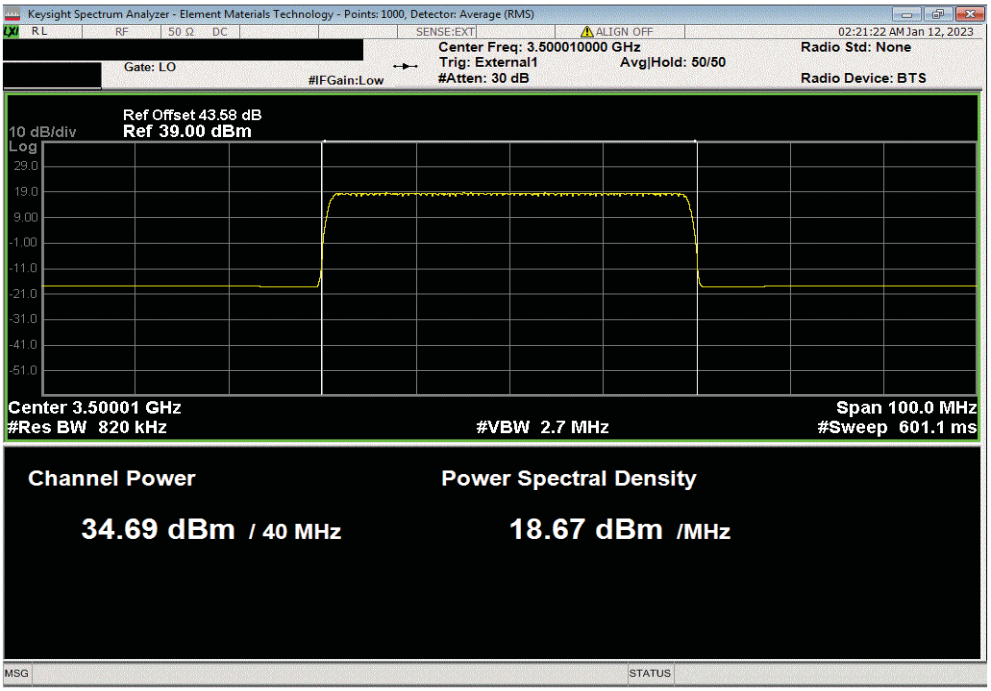
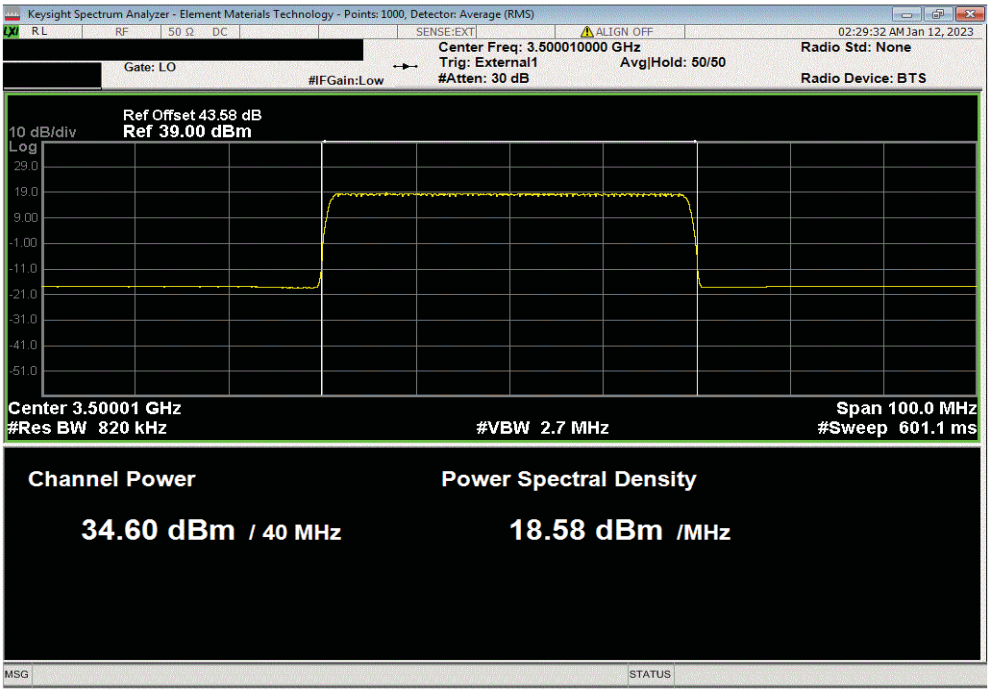
Port 16, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.691	0	34.7	N/A	Within Tolerance	N/A



Port 17, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.596	0	34.6	N/A	Within Tolerance	N/A



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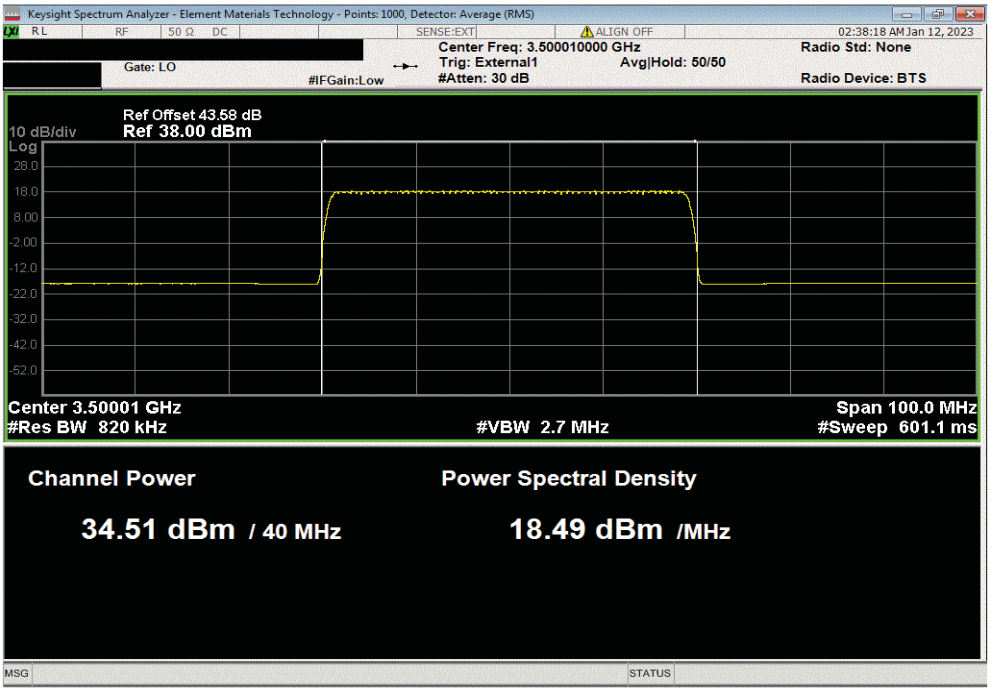
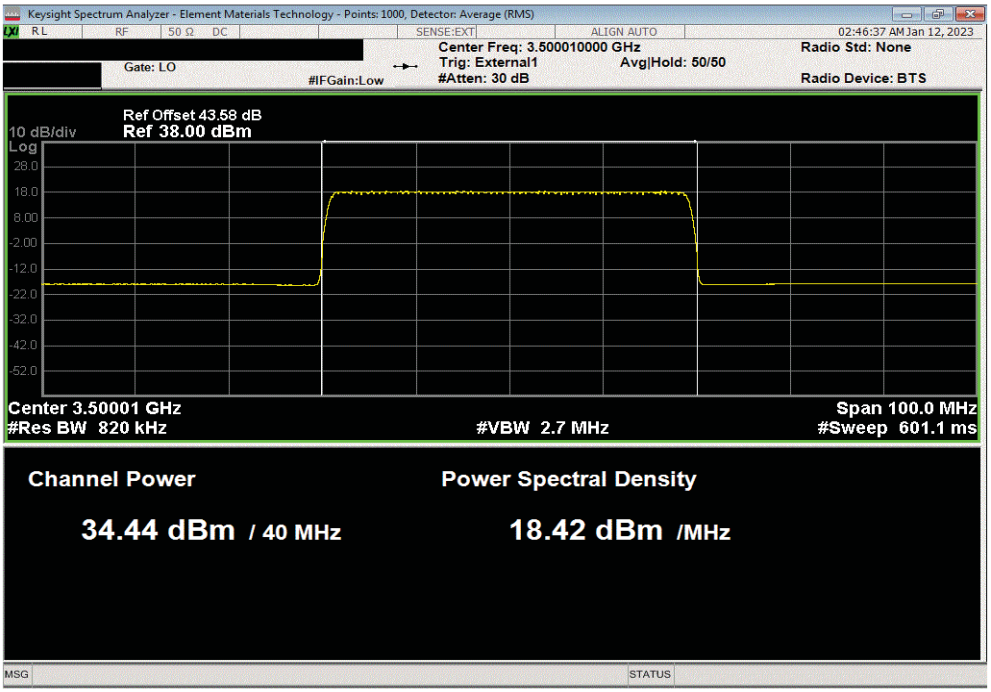
Port 18, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.514	0	34.5	N/A	Within Tolerance	N/A



Port 19, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.443	0	34.4	N/A	Within Tolerance	N/A



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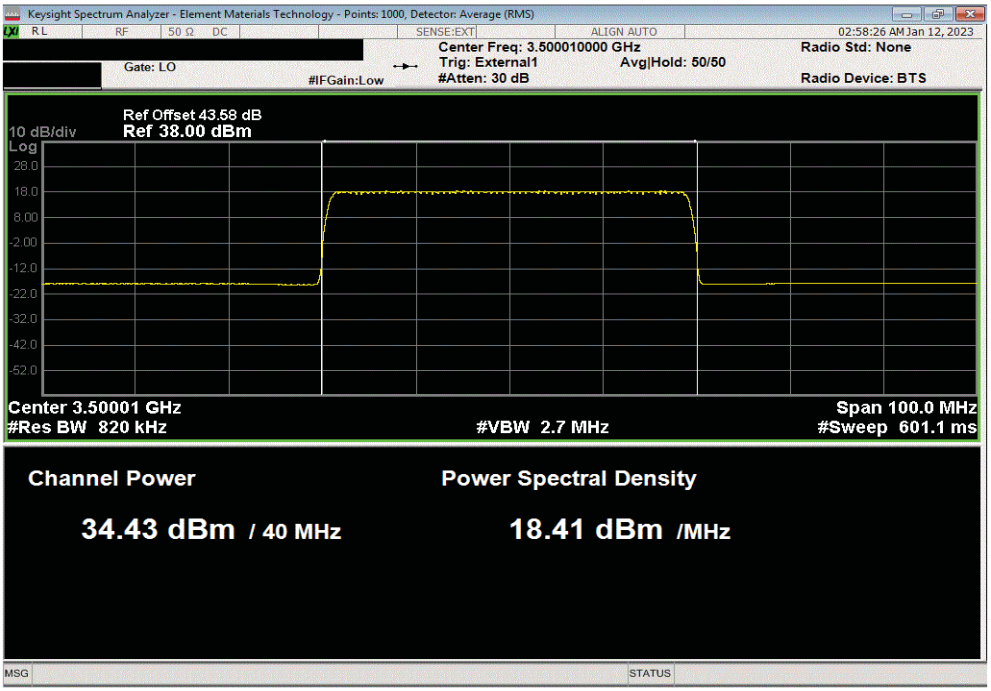
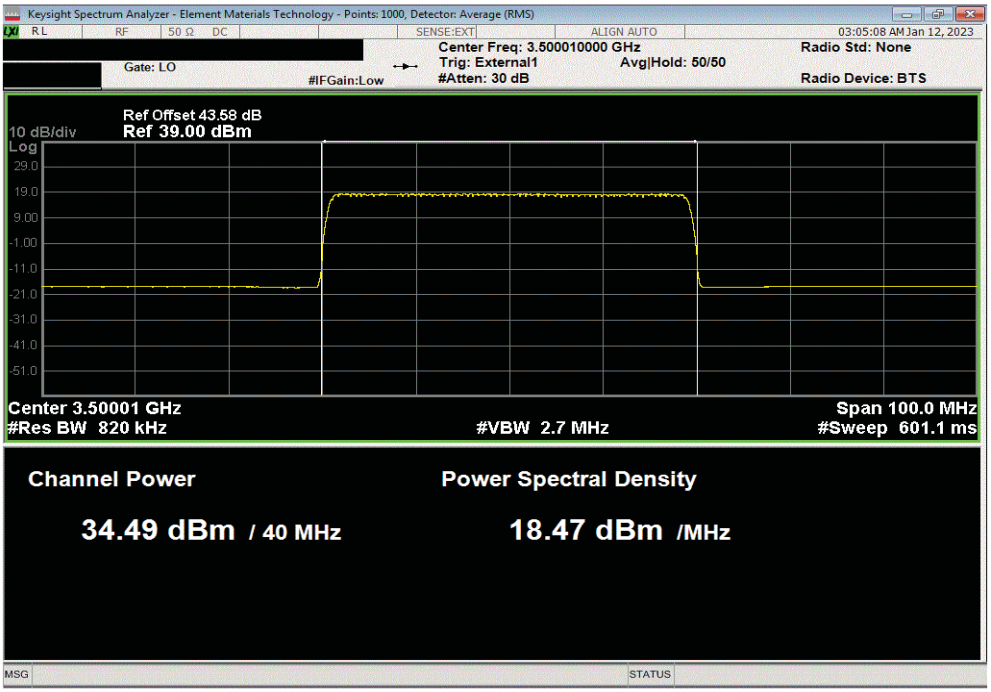
Port 20, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.434	0	34.4	N/A	Within Tolerance	N/A



Port 21, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.491	0	34.5	N/A	Within Tolerance	N/A



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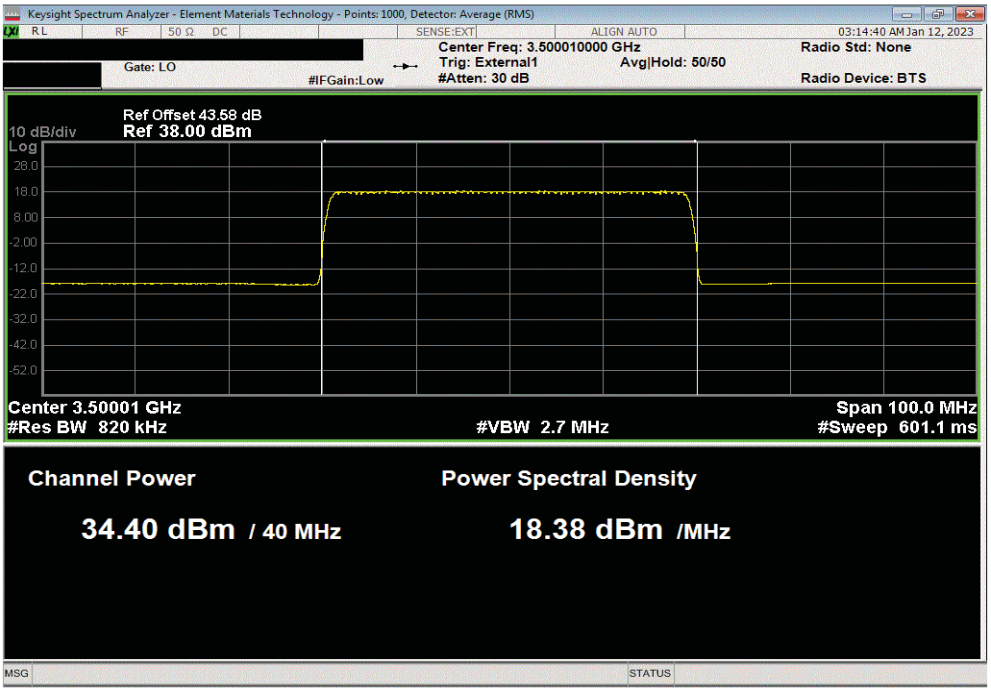
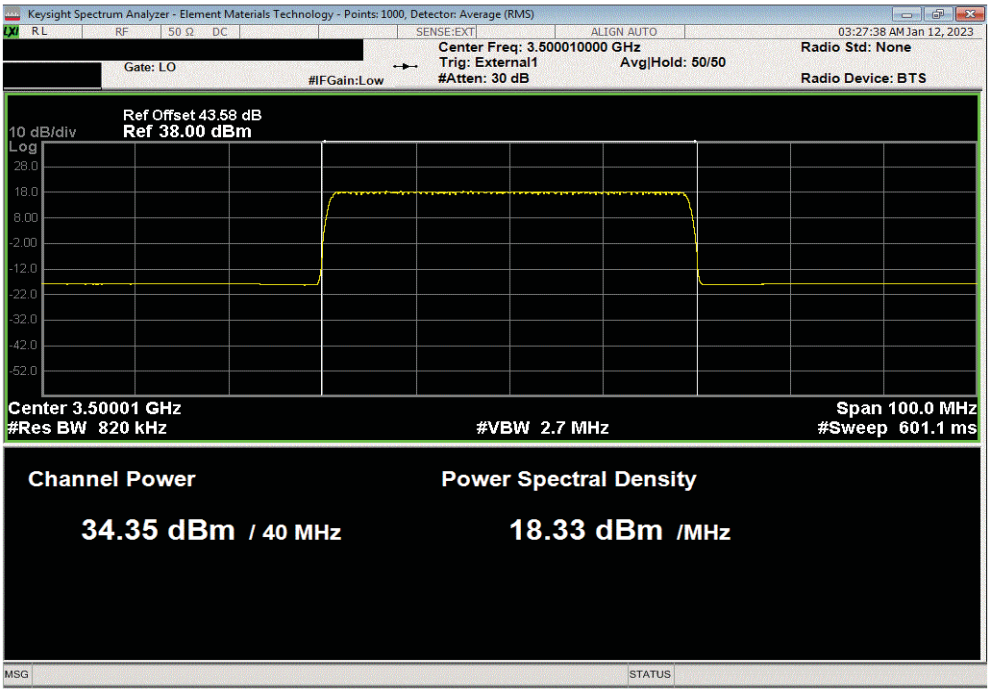
Port 22, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.402	0	34.4	N/A	Within Tolerance	N/A



Port 23, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.354	0	34.4	N/A	Within Tolerance	N/A



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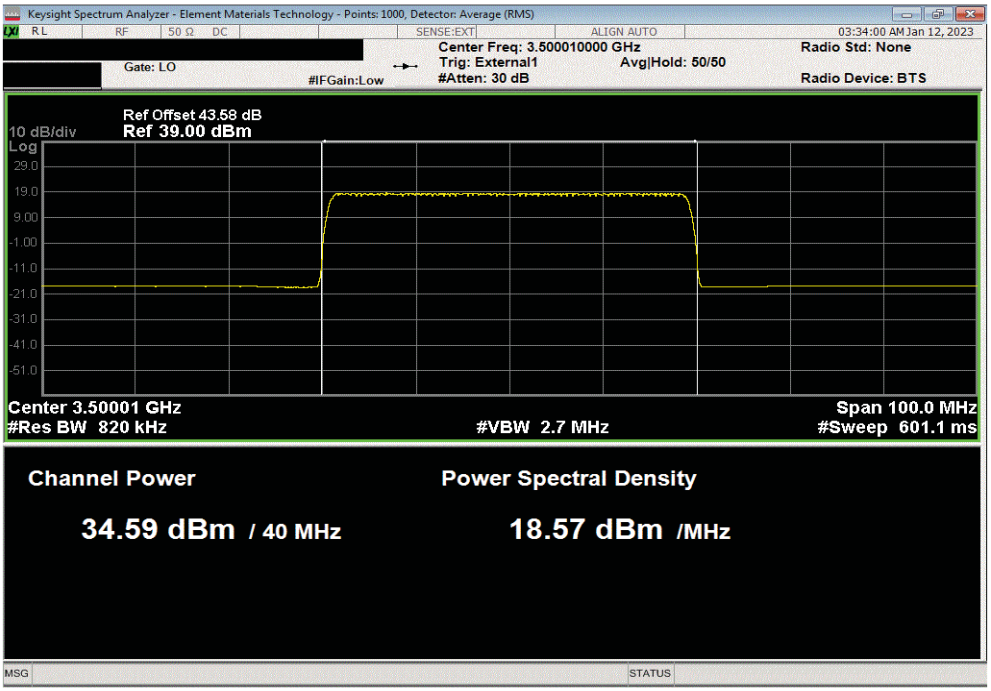
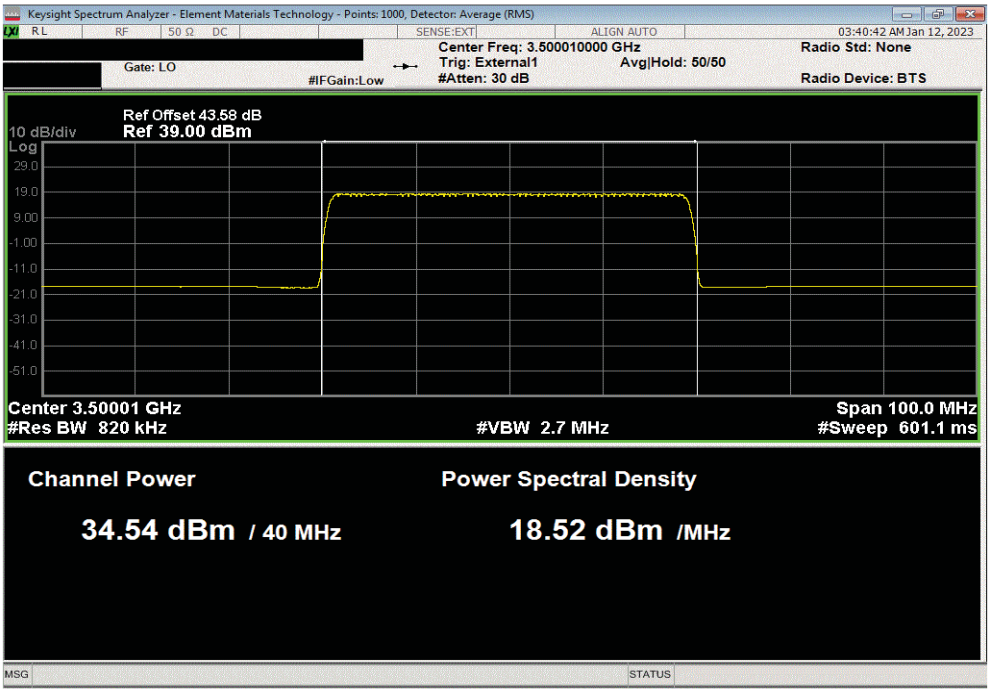
Port 24, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.59	0	34.6	N/A	Within Tolerance	N/A



Port 25, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.543	0	34.5	N/A	Within Tolerance	N/A



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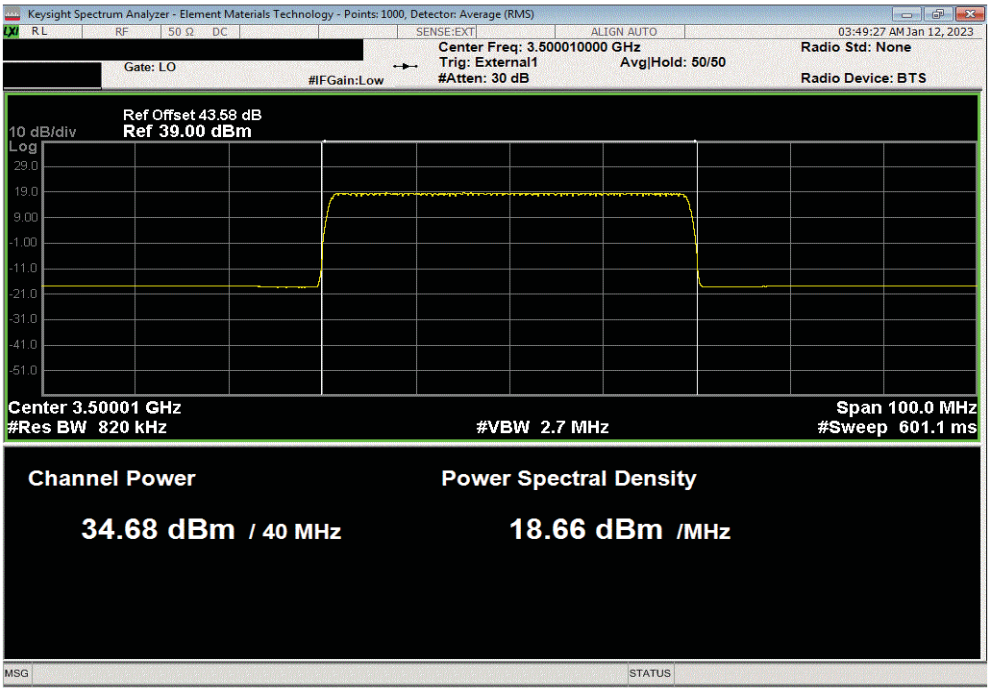
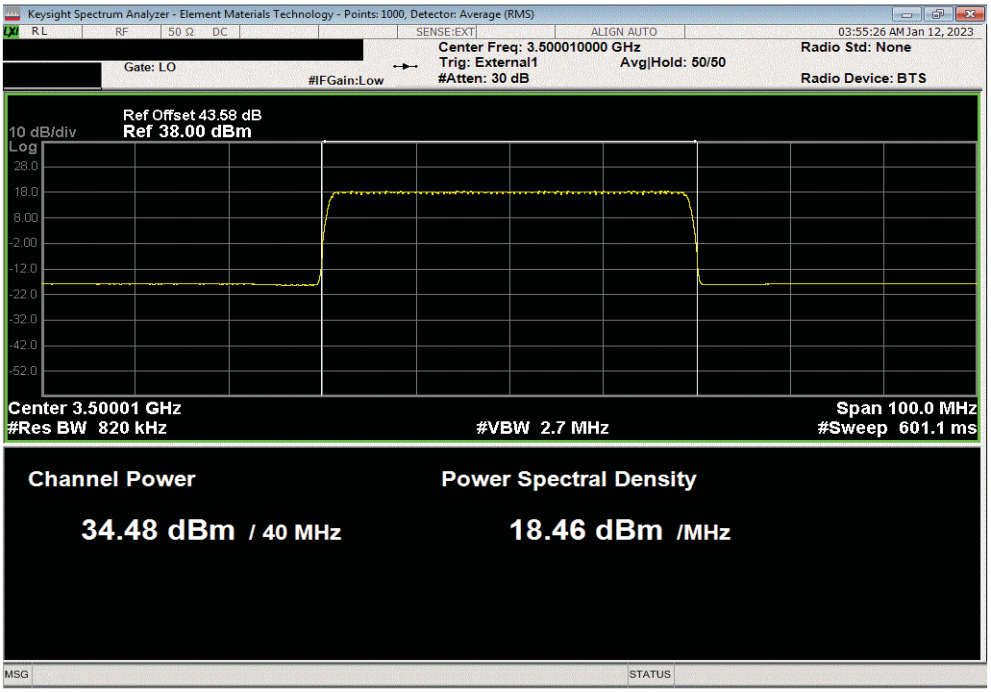
Port 26, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.681	0	34.7	N/A	Within Tolerance	N/A



Port 27, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.482	0	34.5	N/A	Within Tolerance	N/A



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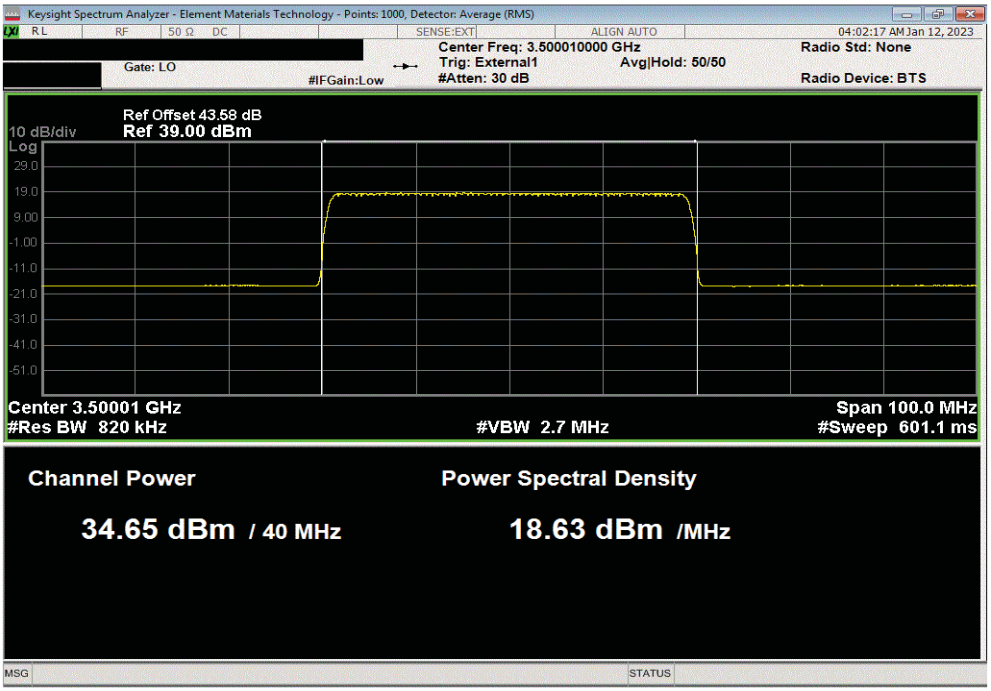
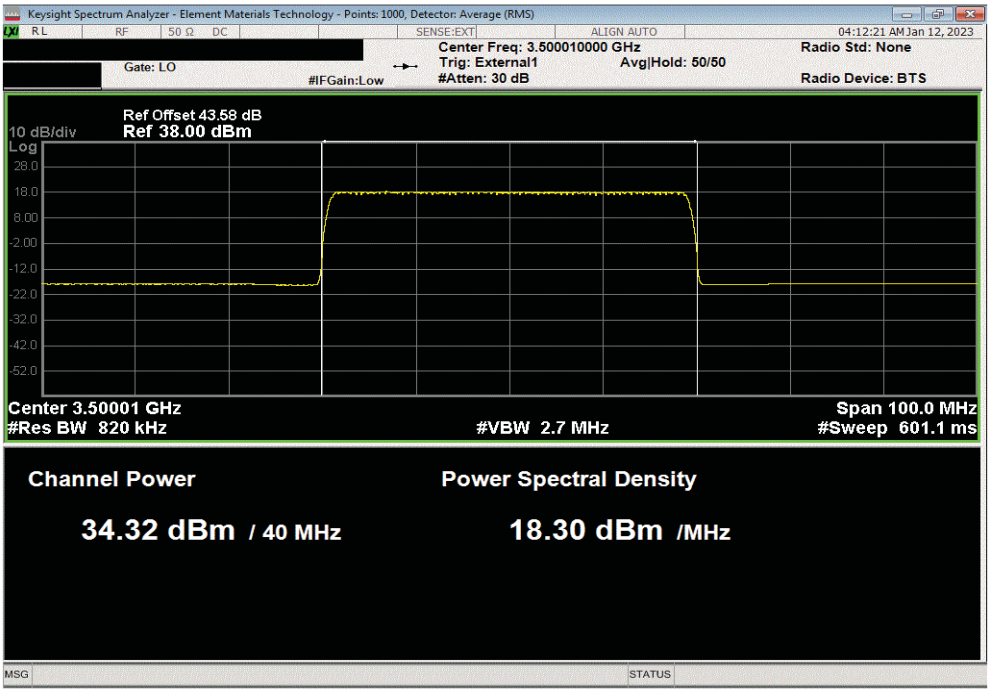
Port 28, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.655	0	34.7	N/A	Within Tolerance	N/A

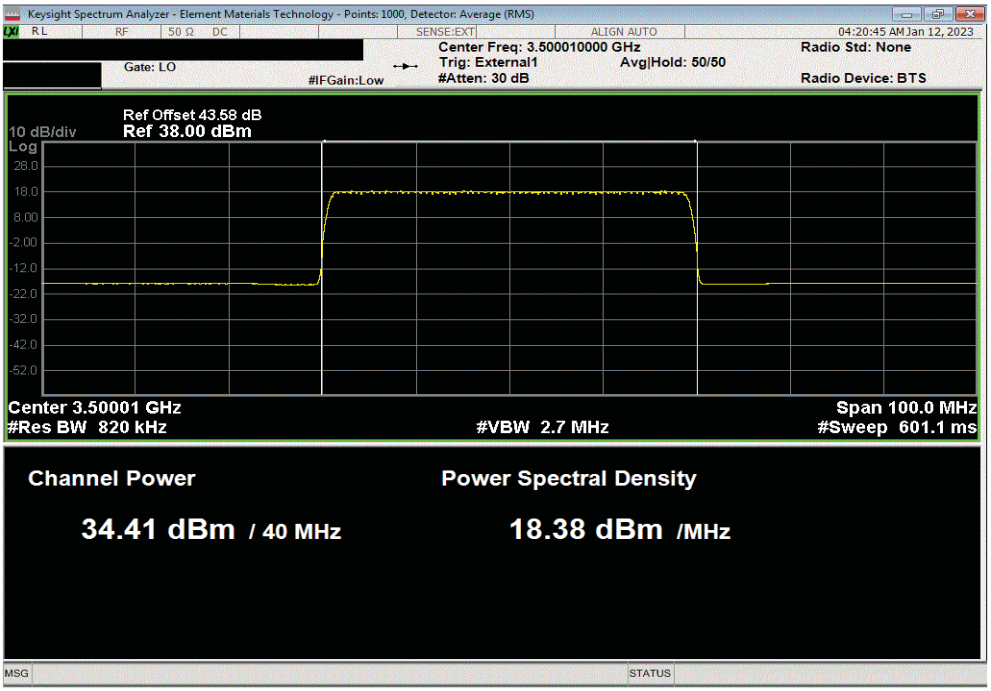


Port 29, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.318	0	34.3	N/A	Within Tolerance	N/A

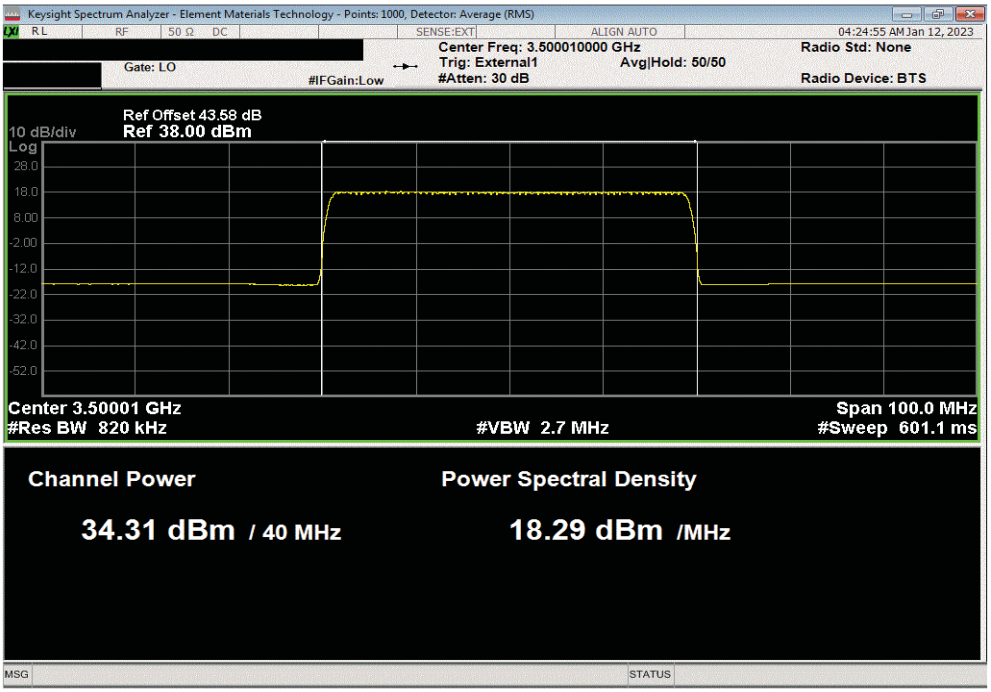


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 30, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.405	0	34.4	N/A	Within Tolerance	N/A

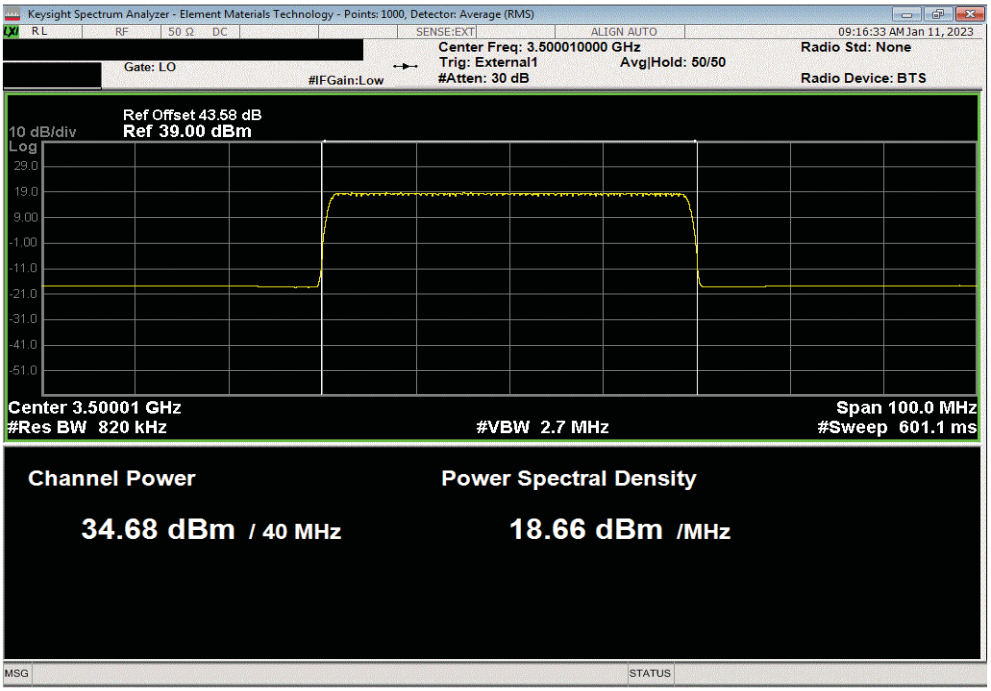


Port 31, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.315	0	34.3	N/A	Within Tolerance	N/A

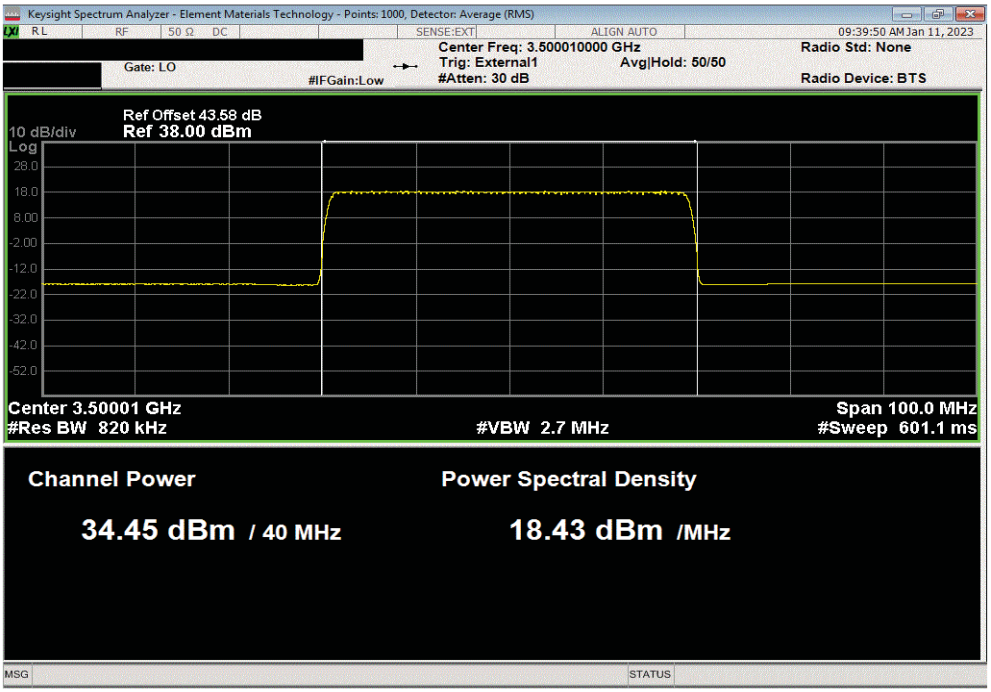


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 32, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.68	0	34.7	N/A	Within Tolerance	N/A

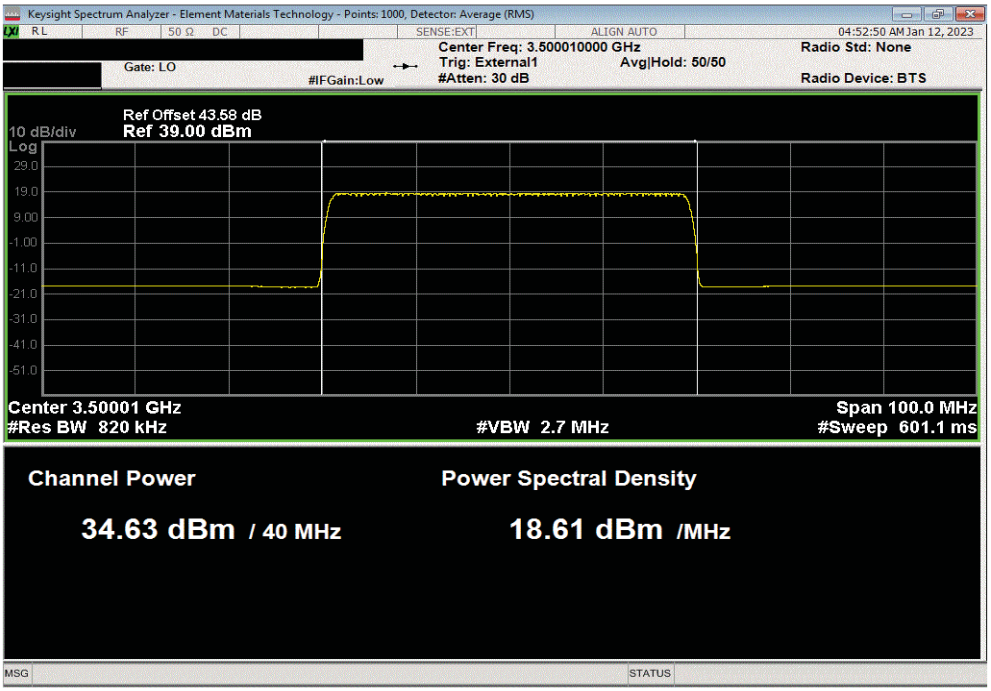


Port 33, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.453	0	34.5	N/A	Within Tolerance	N/A

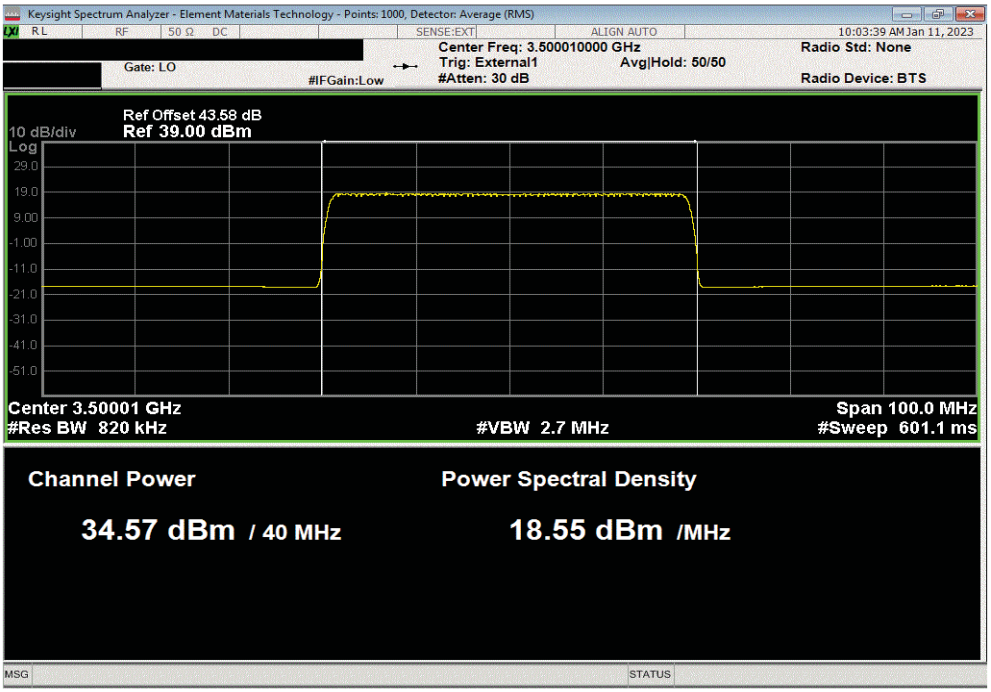


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 34, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.627	0	34.6	N/A	Within Tolerance	N/A

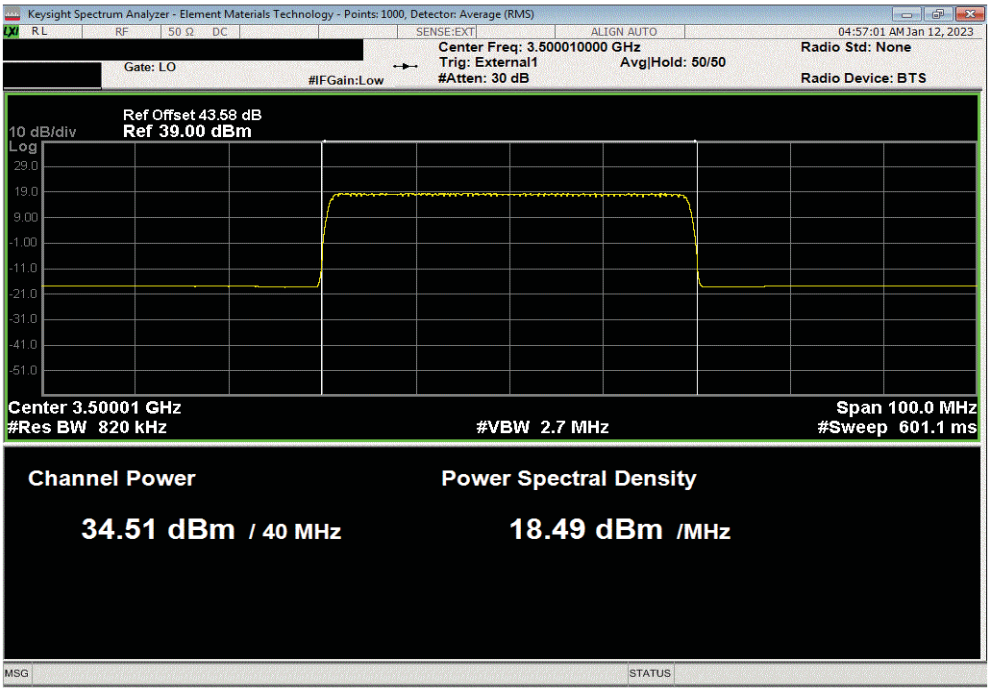


Port 35, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.575	0	34.6	N/A	Within Tolerance	N/A

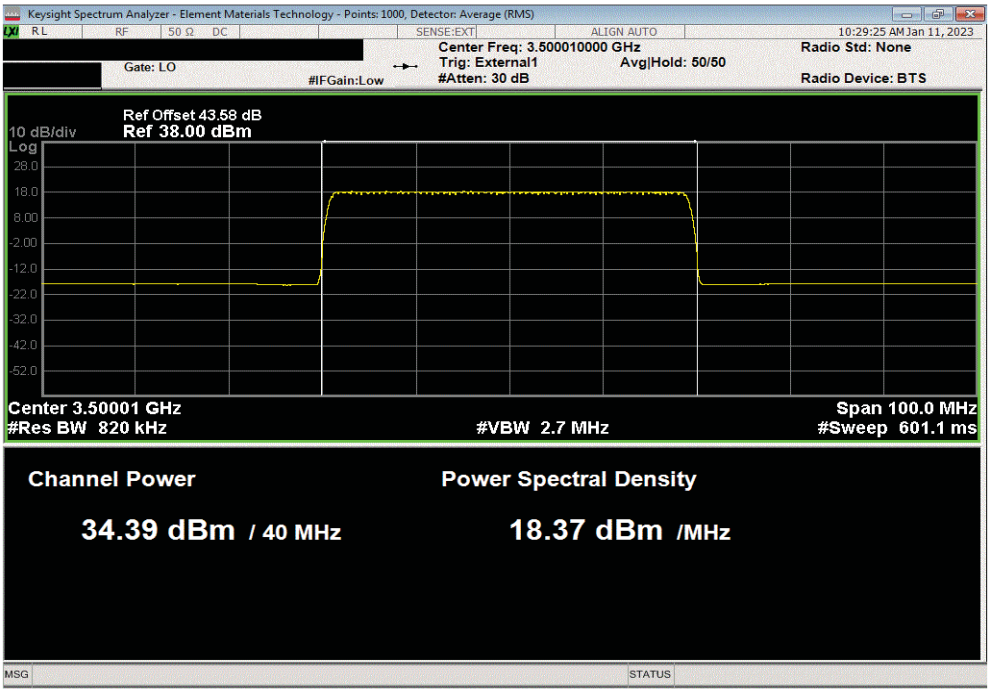


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 36, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.508	0	34.5	N/A	Within Tolerance	N/A

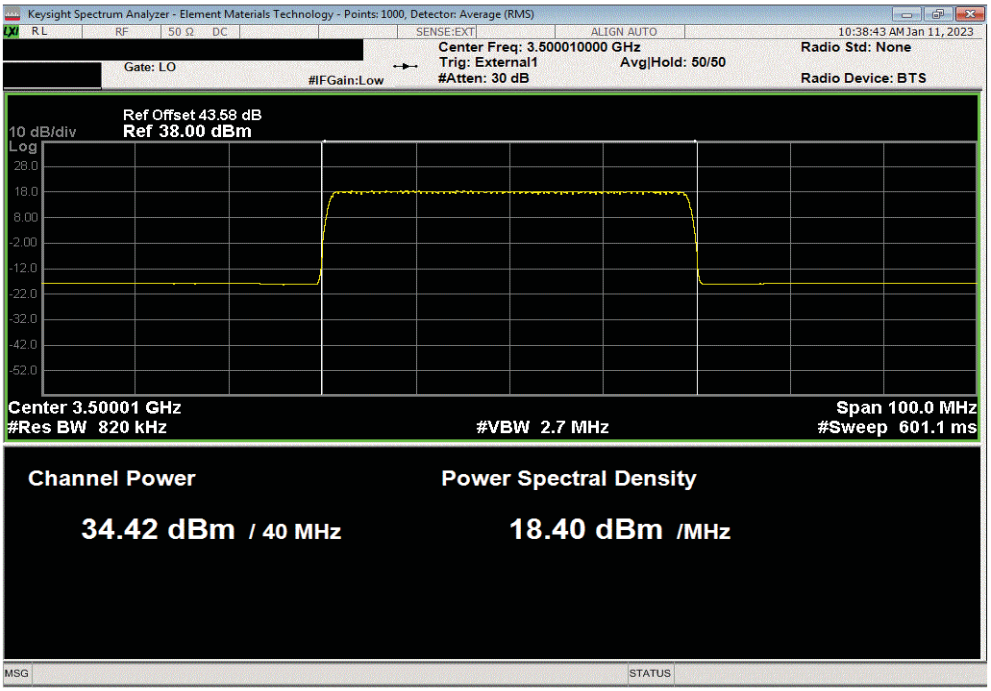


Port 37, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.389	0	34.4	N/A	Within Tolerance	N/A

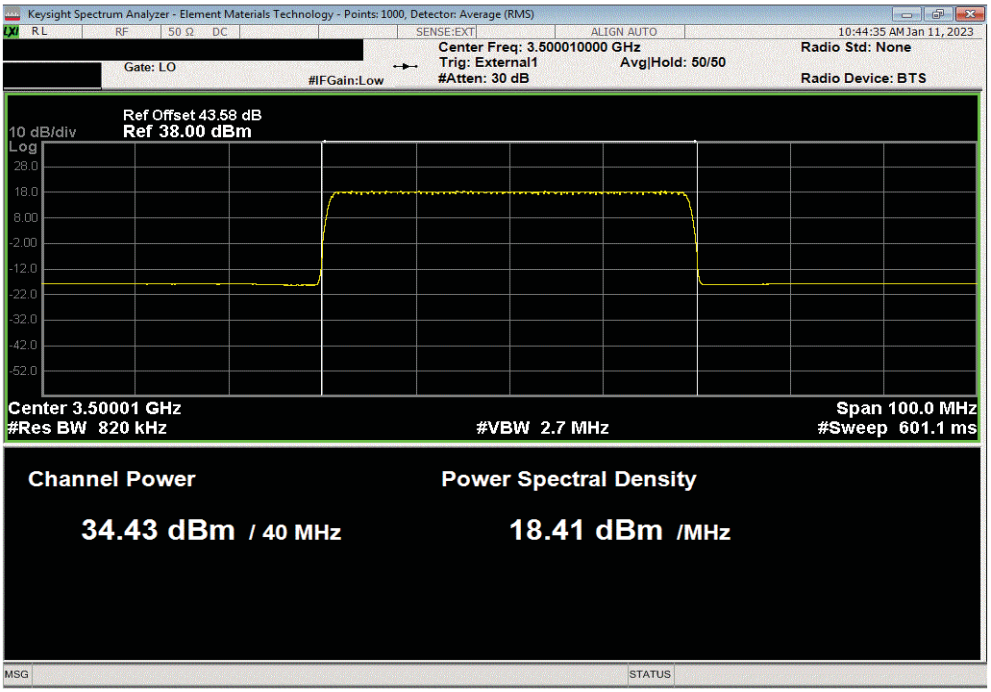


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 38, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.418	0	34.4	N/A	Within Tolerance	N/A



Port 39, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.43	0	34.4	N/A	Within Tolerance	N/A



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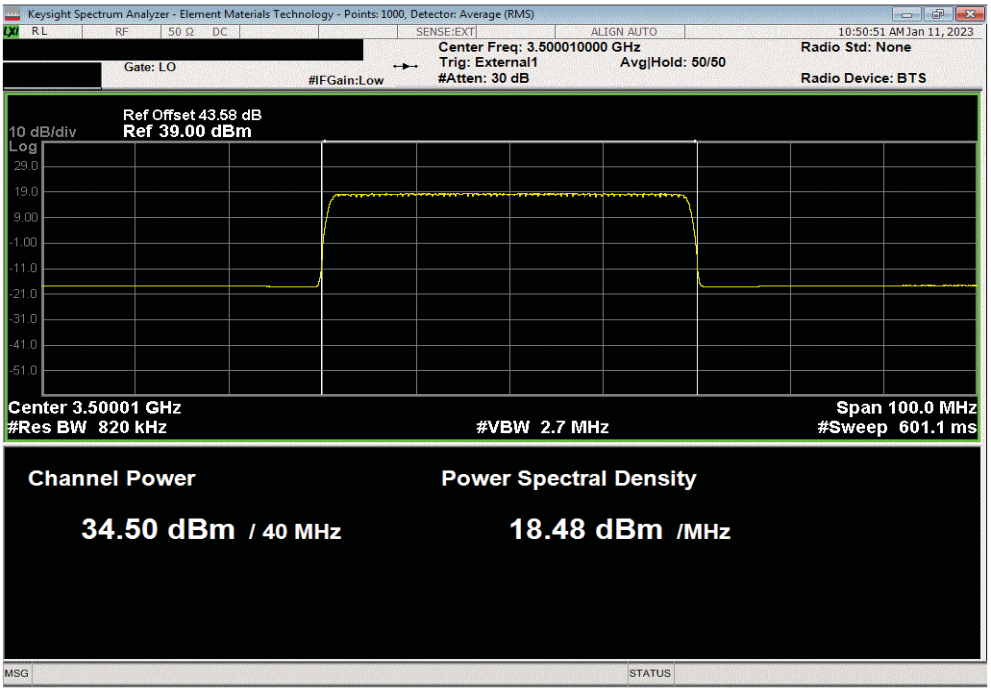
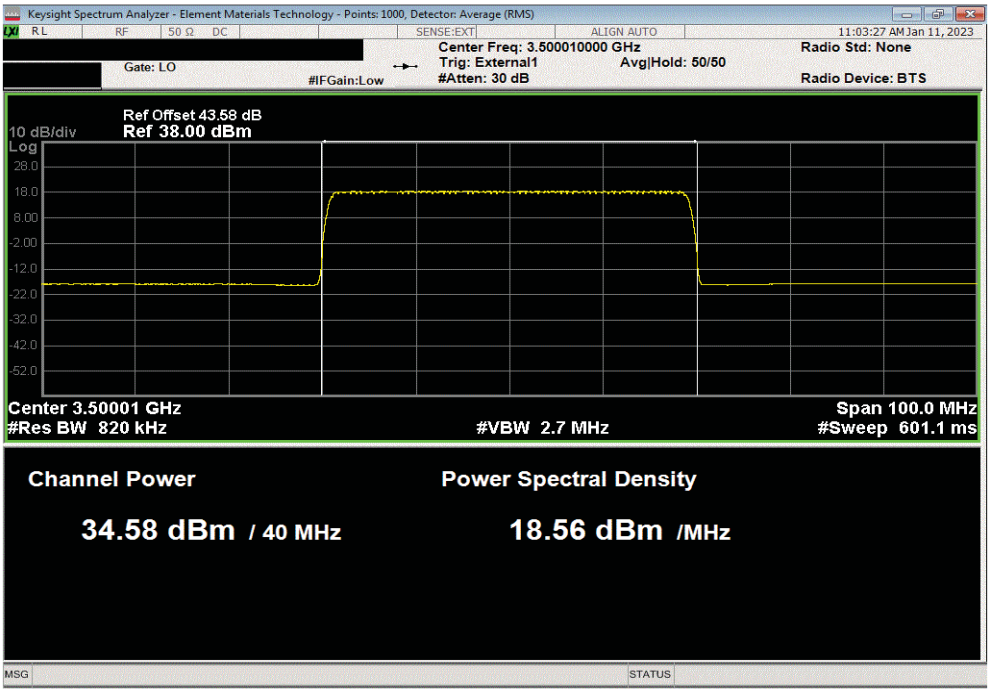
Port 40, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.5	0	34.5	N/A	Within Tolerance	N/A

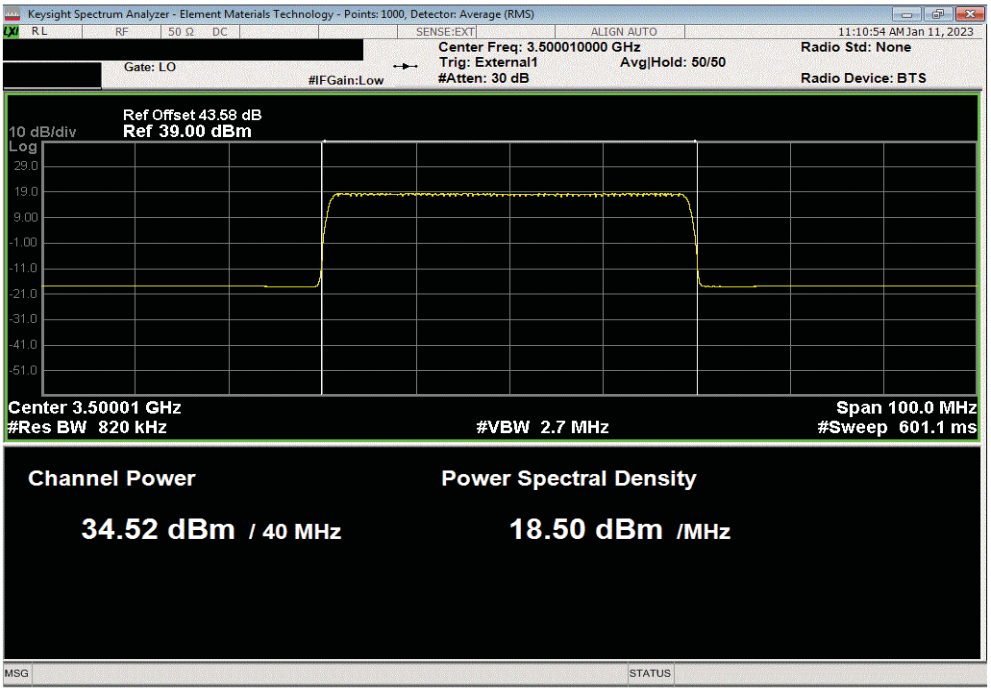


Port 41, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.585	0	34.6	N/A	Within Tolerance	N/A

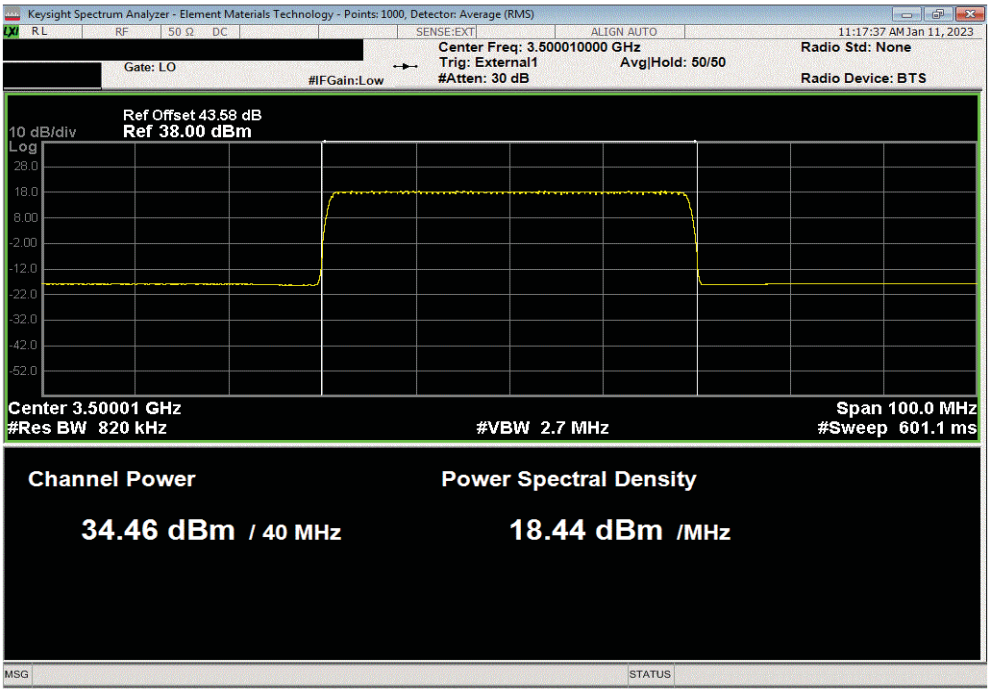


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 42, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.523	0	34.5	N/A	Within Tolerance	N/A

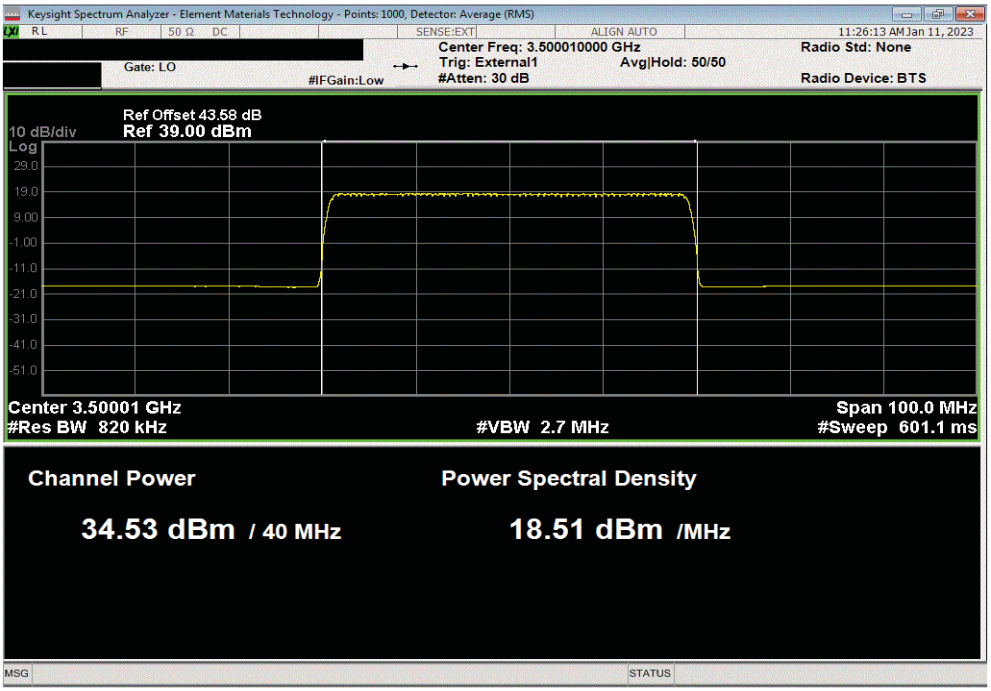


Port 43, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.46	0	34.5	N/A	Within Tolerance	N/A

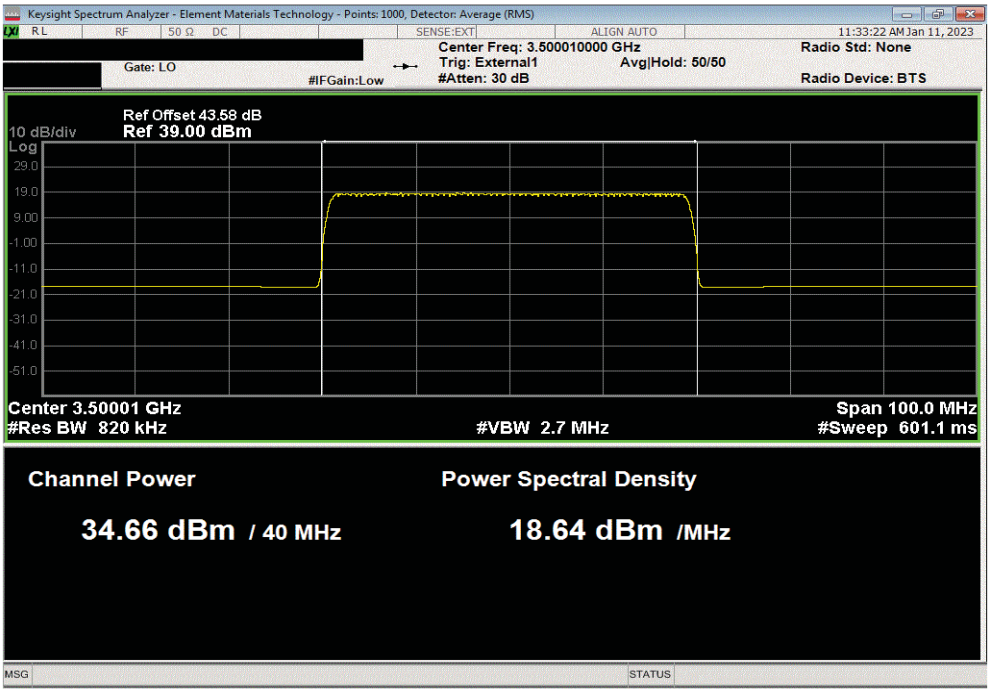


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 44, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.53	0	34.5	N/A	Within Tolerance	N/A

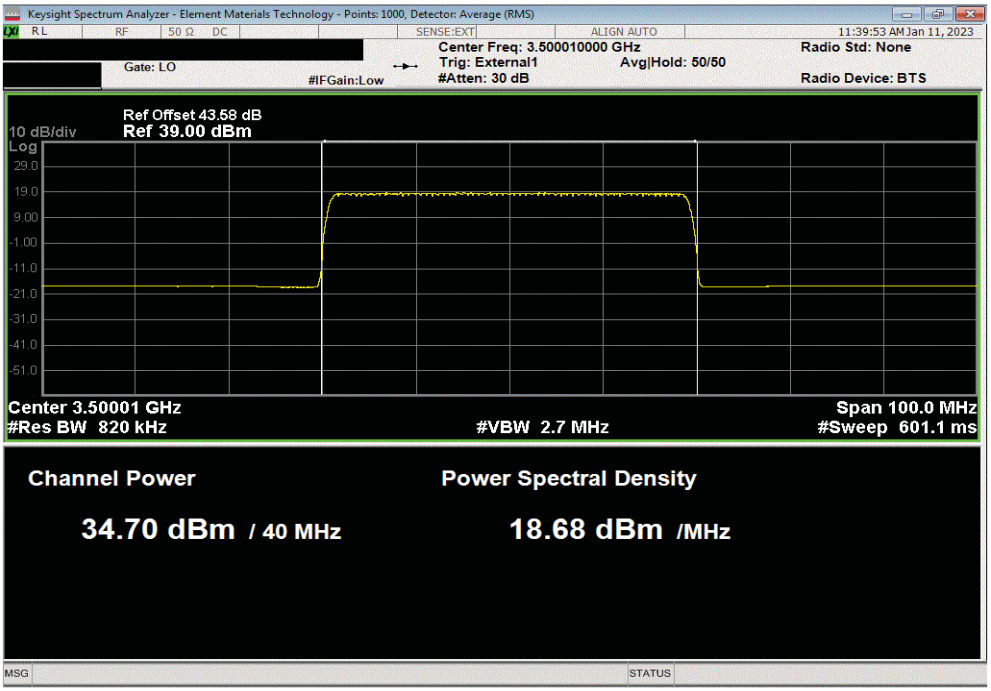


Port 45, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.656	0	34.7	N/A	Within Tolerance	N/A

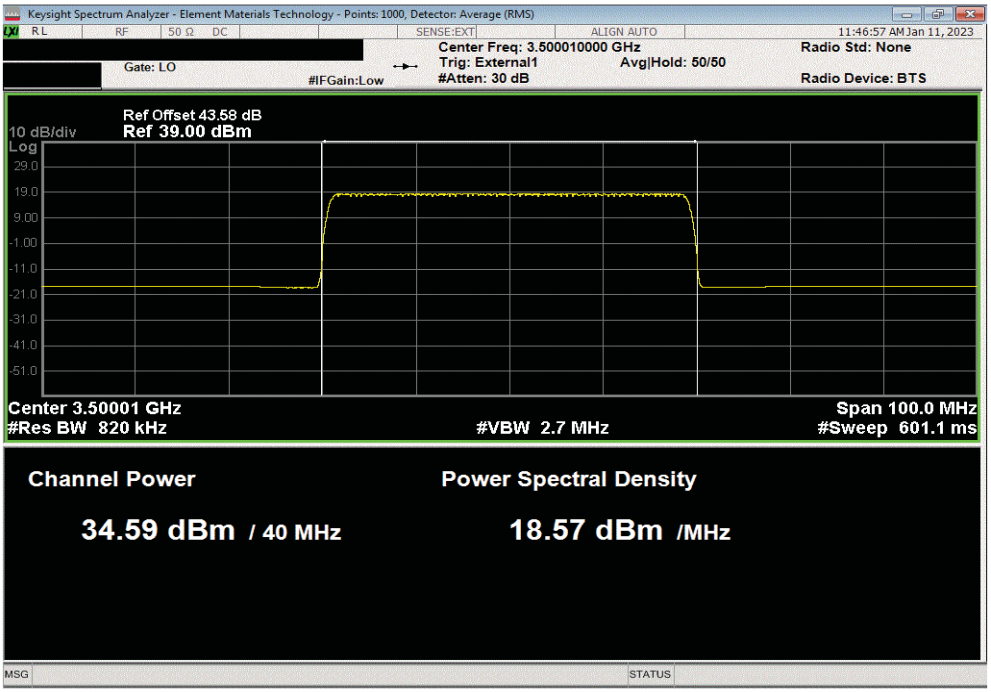


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 46, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.7	0	34.7	N/A	Within Tolerance	N/A

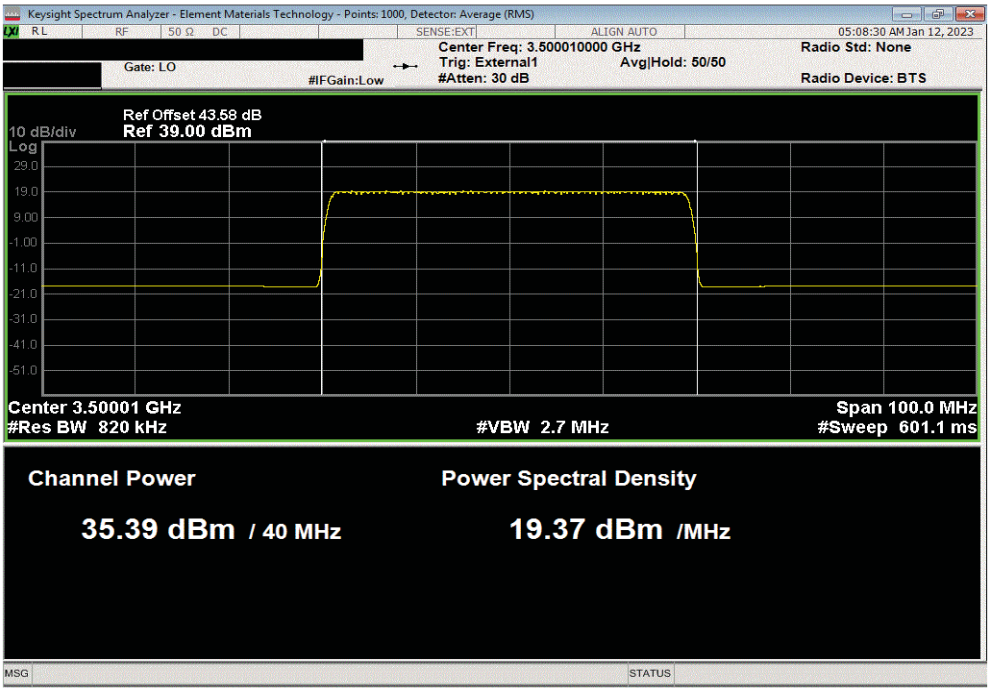


Port 47, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.592	0	34.6	N/A	Within Tolerance	N/A

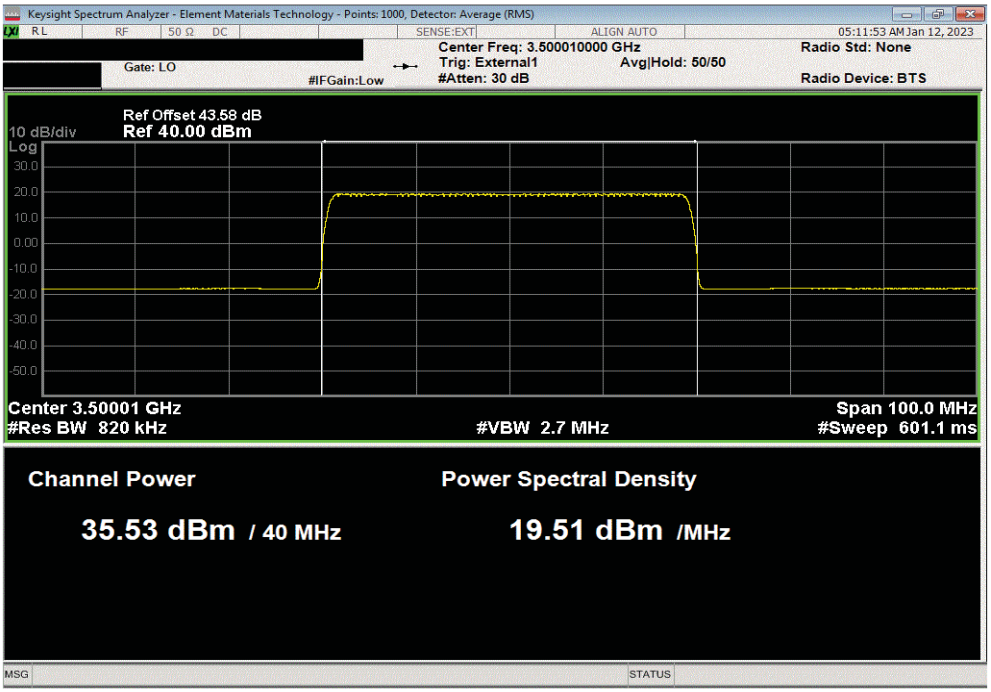


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 48, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	35.386	0	35.4	N/A	Within Tolerance	N/A

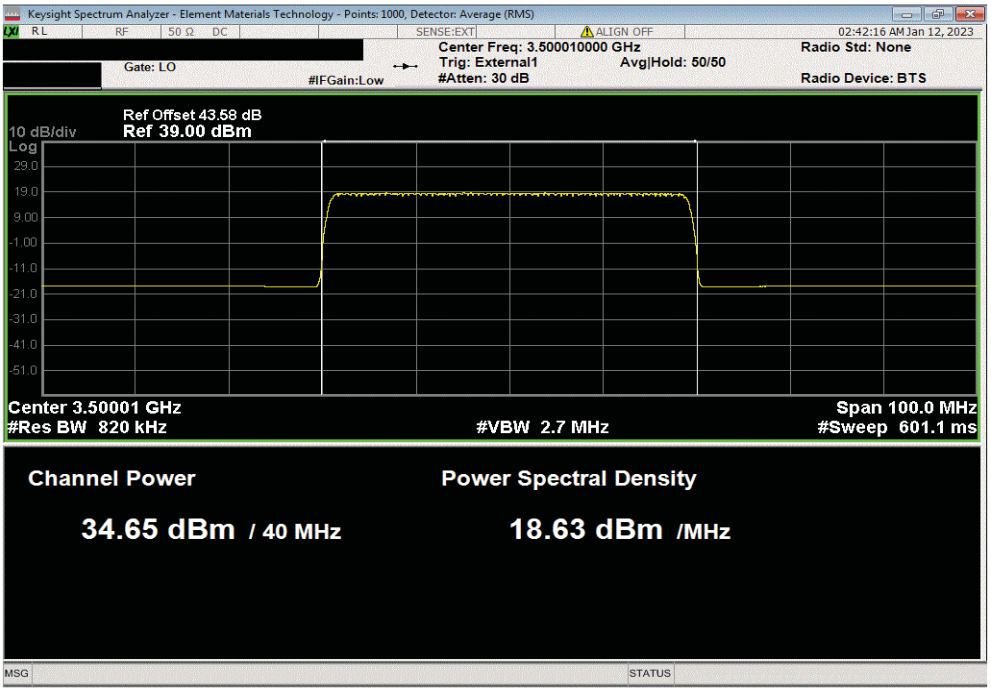


Port 49, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	35.534	0	35.5	N/A	Within Tolerance	N/A

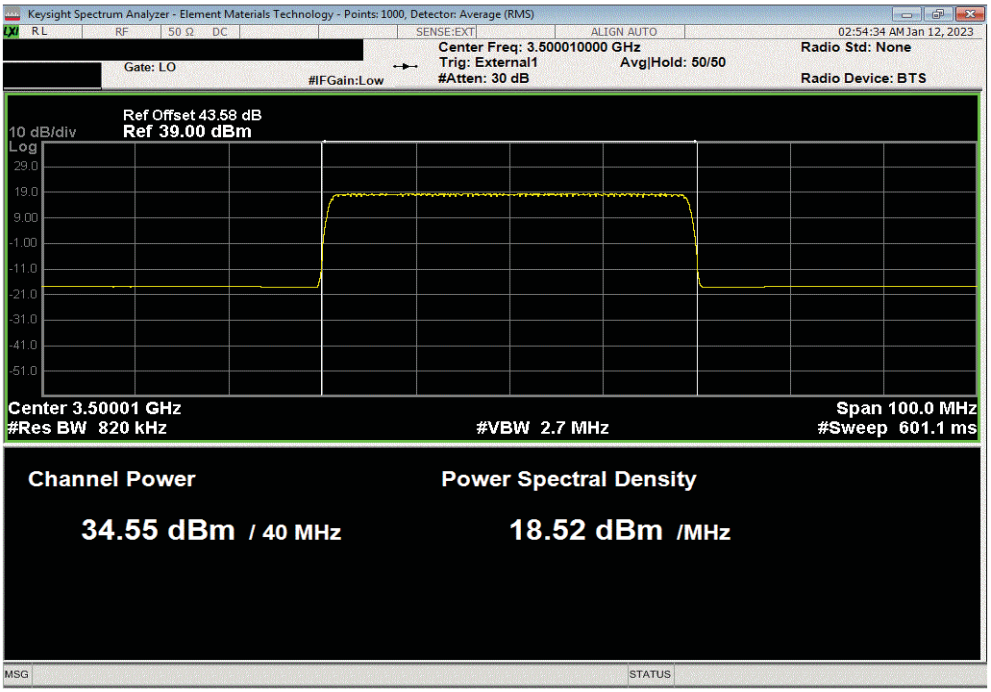


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 50, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.652	0	34.7	N/A	Within Tolerance	N/A

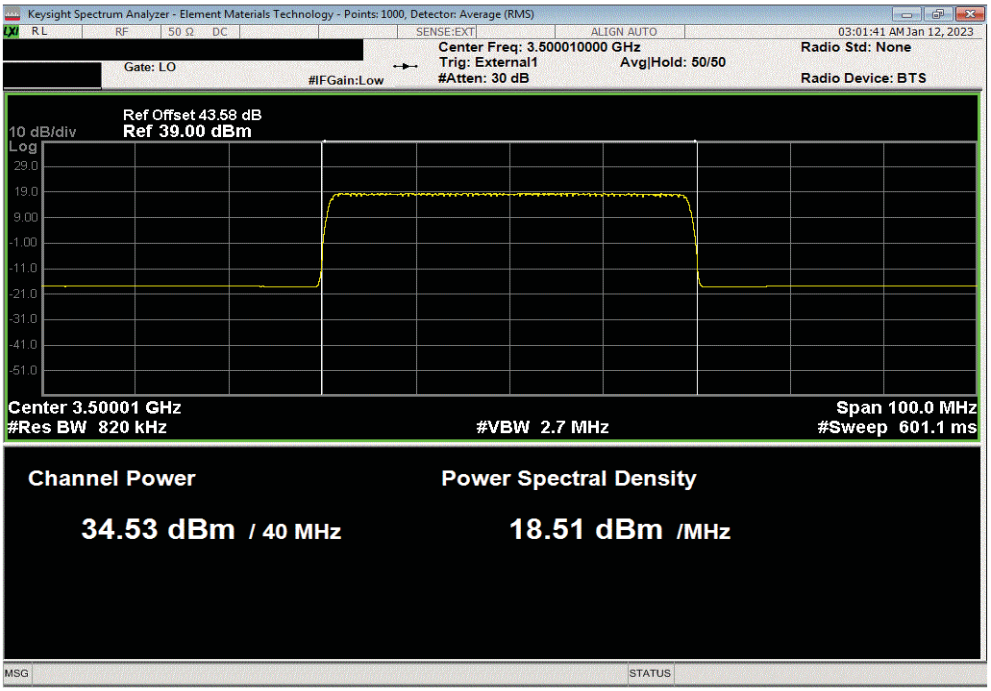


Port 51, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.545	0	34.5	N/A	Within Tolerance	N/A

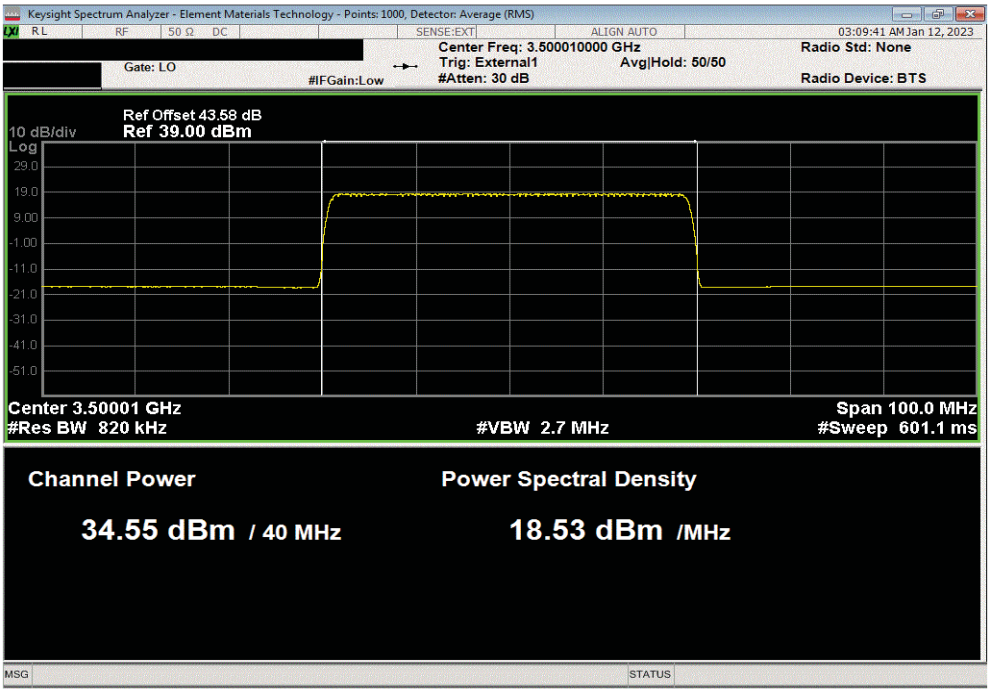


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 52, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.528	0	34.5	N/A	Within Tolerance	N/A

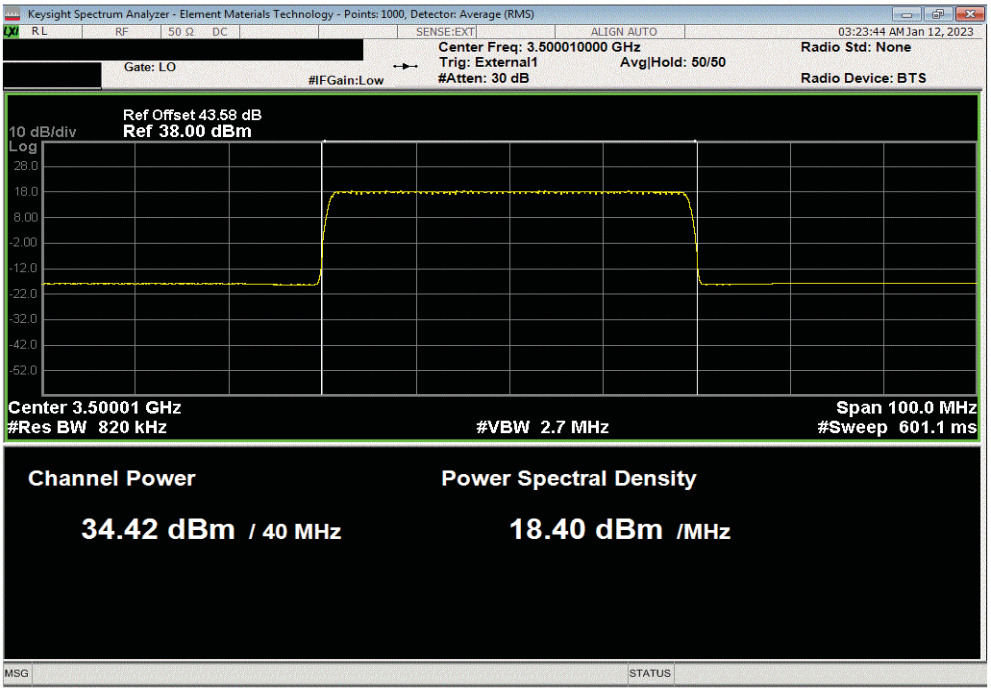


Port 53, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.555	0	34.6	N/A	Within Tolerance	N/A

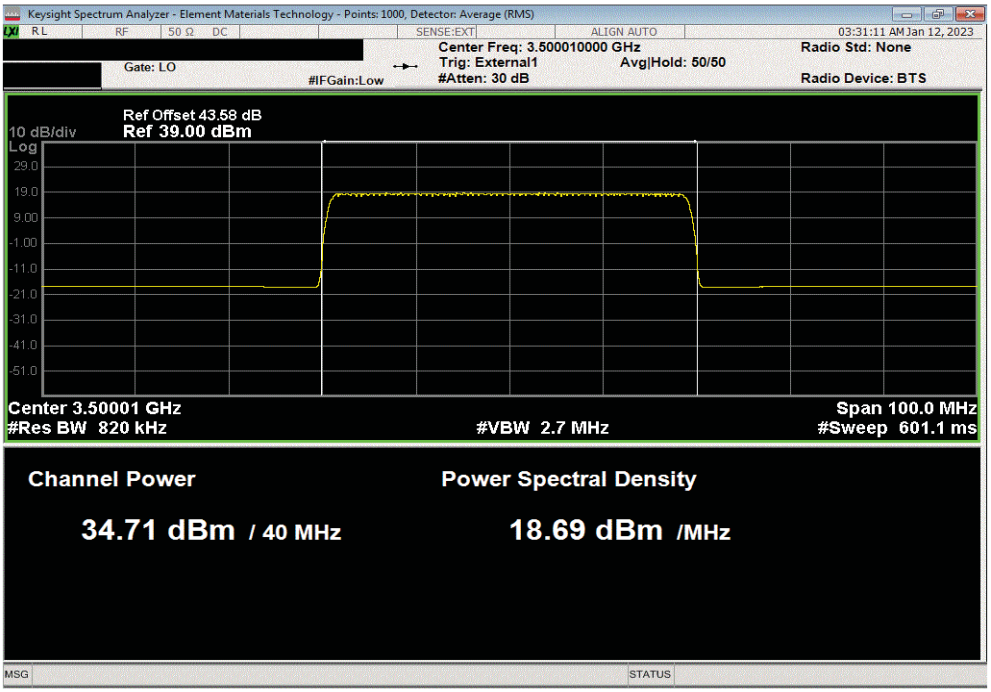


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 54, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.425	0	34.4	N/A	Within Tolerance	N/A

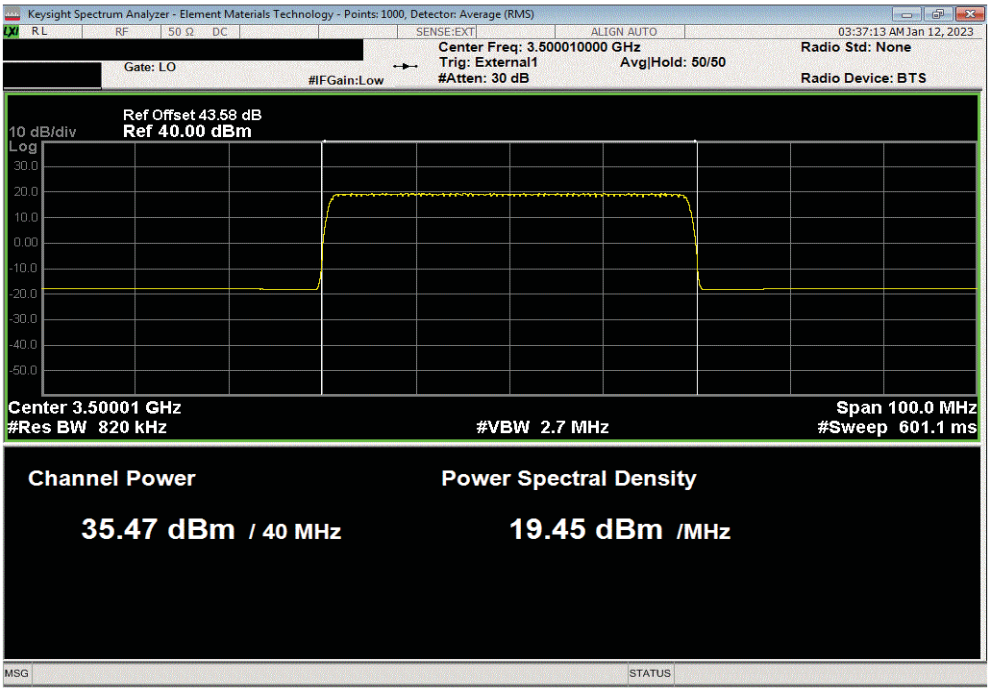


Port 55, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.711	0	34.7	N/A	Within Tolerance	N/A

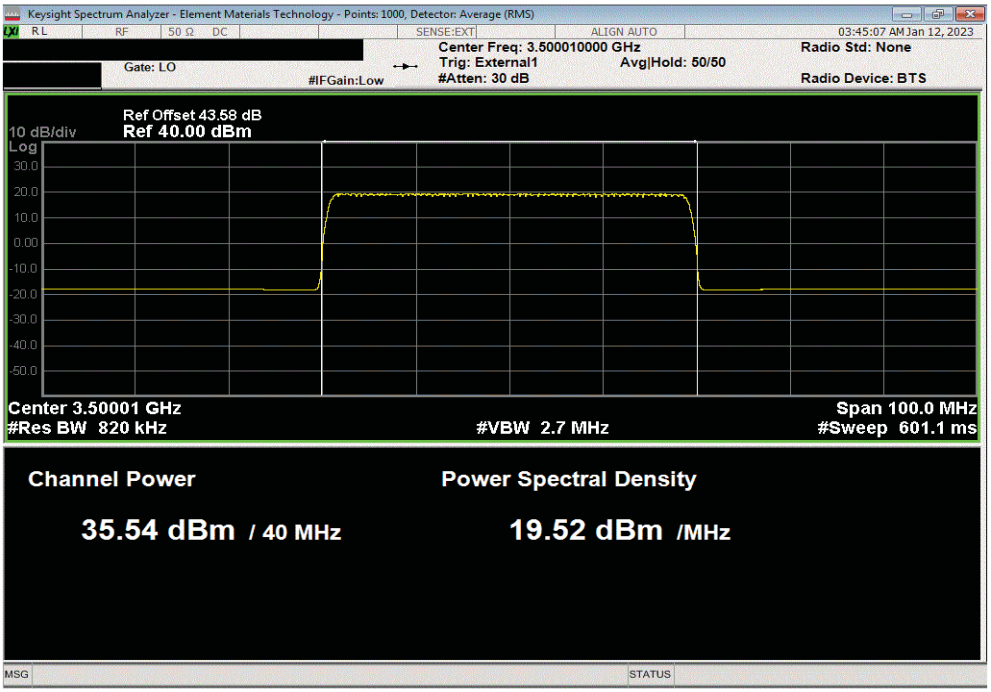


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 56, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	35.473	0	35.5	N/A	Within Tolerance	N/A

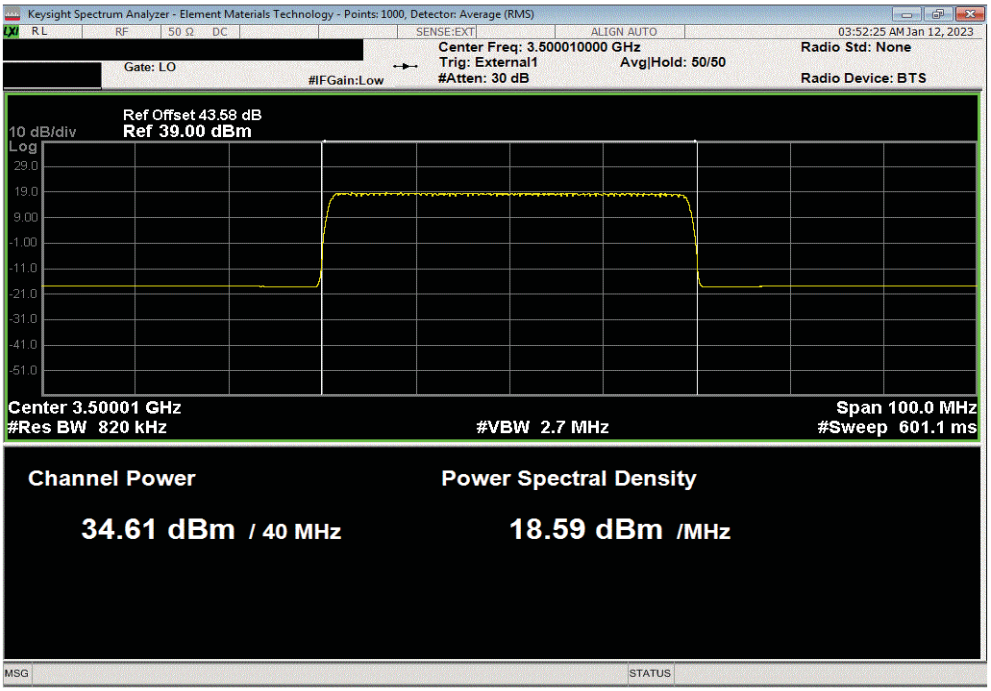


Port 57, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	35.544	0	35.5	N/A	Within Tolerance	N/A

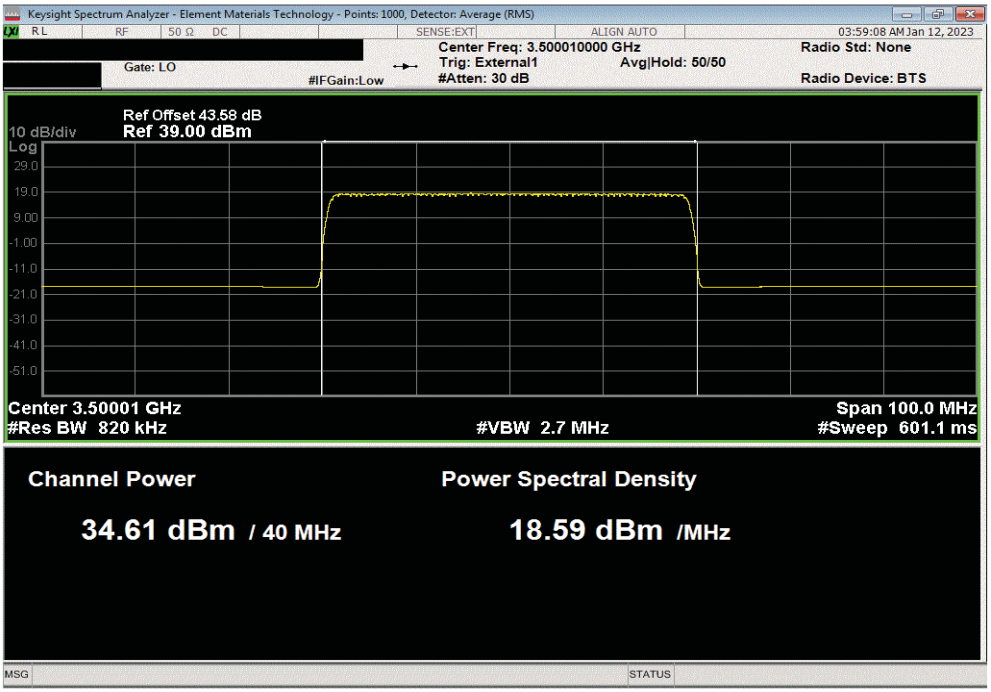


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 58, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.611	0	34.6	N/A	Within Tolerance	N/A

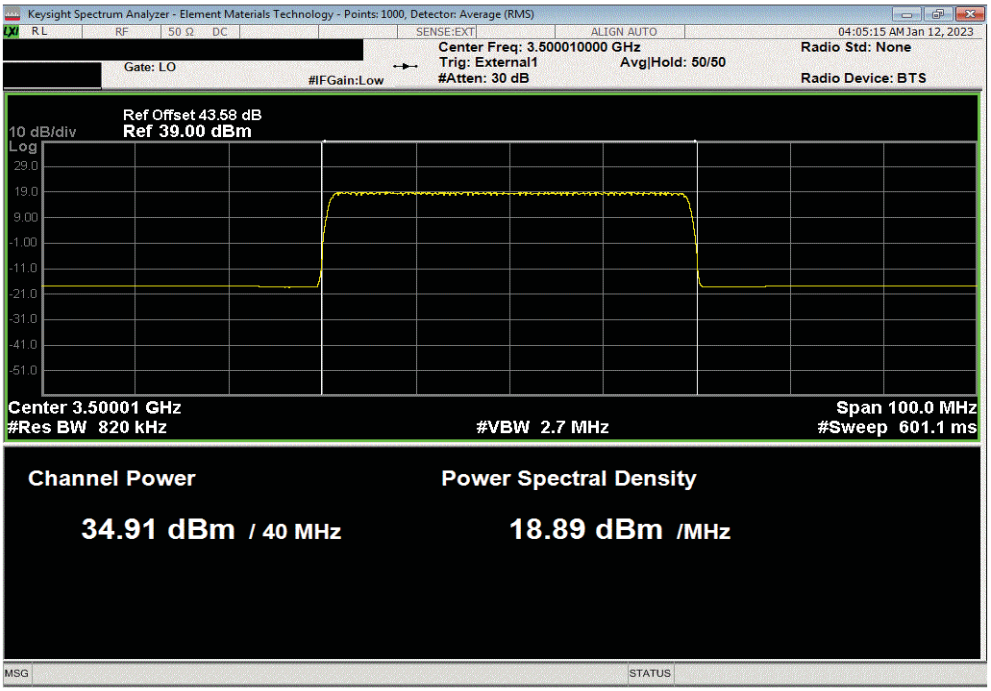


Port 59, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.609	0	34.6	N/A	Within Tolerance	N/A

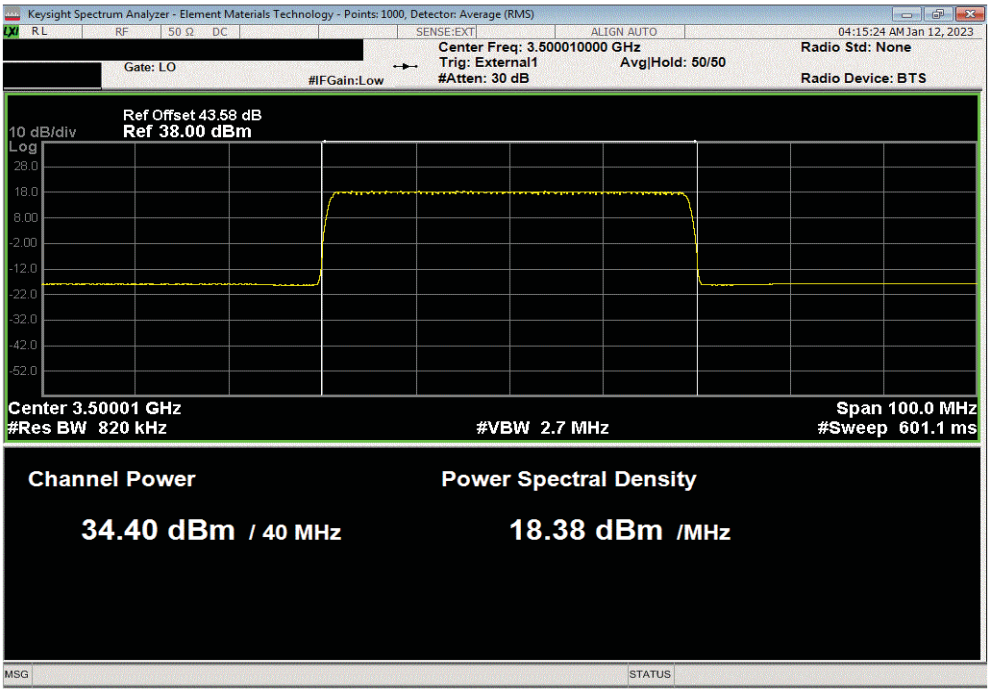


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 60, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.906	0	34.9	N/A	Within Tolerance	N/A

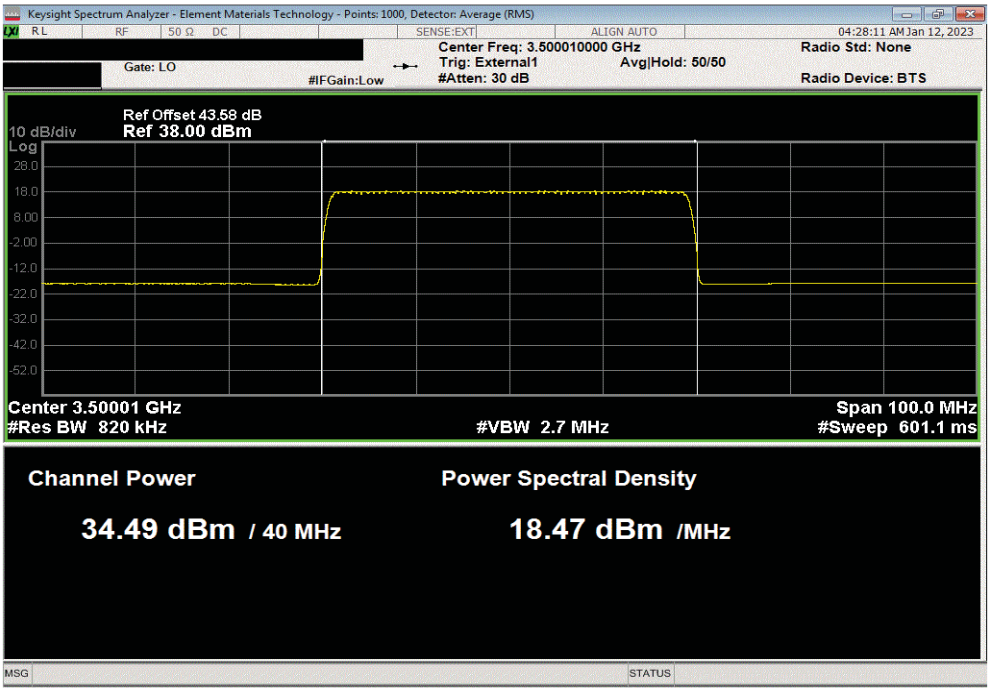


Port 61, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.402	0	34.4	N/A	Within Tolerance	N/A

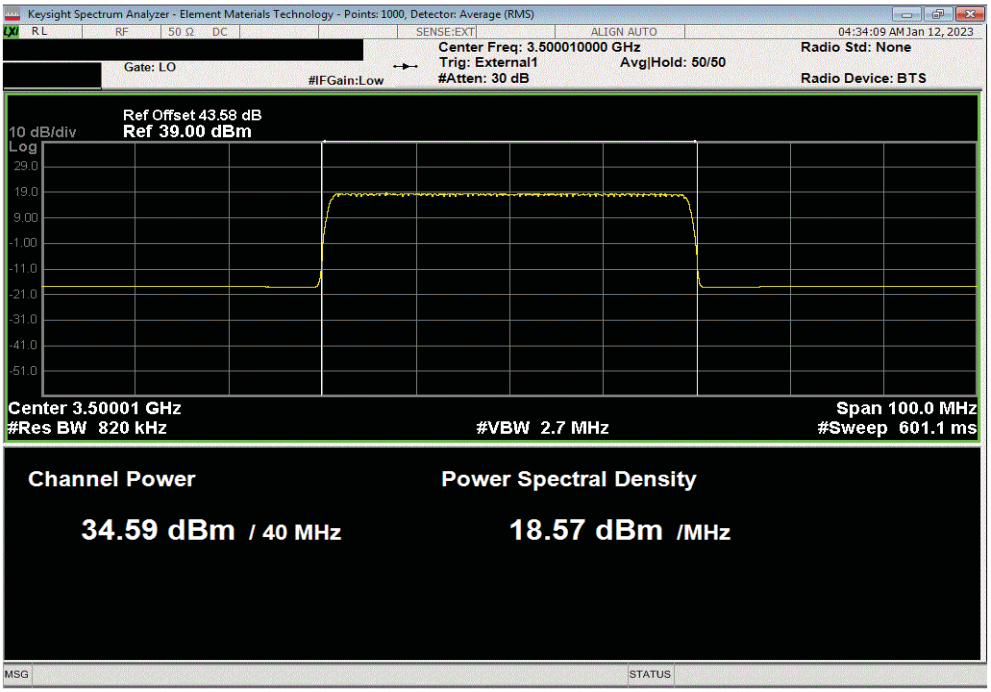


AVERAGE POWER - ALL PORTS SINGLE 3.45G

Port 62, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.488	0	34.5	N/A	Within Tolerance	N/A



Port 63, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.586	0	34.6	N/A	Within Tolerance	N/A



AVERAGE POWER - ALL PORTS SINGLE 3.45G

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TMTx 2022.06.03.0 XMit 2022.02.07.0

All Port, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz

	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	N/A	N/A	N/A	52.7	Within Tolerance	N/A

AVERAGE POWER PORT SUMMING

	PORT 0	PORT 1	PORT 2	PORT 3	SUM TOTAL
INITIAL VALUE (dBm)	34.4	34.5	34.5	34.5	N/A
INITIAL VALUE (Watts)	2.8	2.8	2.8	2.8	11.2
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.5
	PORT 4	PORT 5	PORT 6	PORT 7	SUM TOTAL
INITIAL VALUE (dBm)	34.4	34.5	34.6	34.7	N/A
INITIAL VALUE (Watts)	2.8	2.8	2.9	3.0	11.4
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6
	PORT 8	PORT 9	PORT 10	PORT 11	SUM TOTAL
INITIAL VALUE (dBm)	34.3	34.4	34.7	34.8	N/A
INITIAL VALUE (Watts)	2.7	2.8	3.0	3.0	11.4
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6
	PORT 12	PORT 13	PORT 14	PORT 15	SUM TOTAL
INITIAL VALUE (dBm)	34.7	34.6	34.6	34.7	N/A
INITIAL VALUE (Watts)	3.0	2.9	2.9	3.0	11.7
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.7
	PORT 16	PORT 17	PORT 18	PORT 19	SUM TOTAL
INITIAL VALUE (dBm)	34.7	34.6	34.5	34.4	N/A
INITIAL VALUE (Watts)	3.0	2.9	2.8	2.8	11.4
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6
	PORT 20	PORT 21	PORT 22	PORT 23	SUM TOTAL
INITIAL VALUE (dBm)	34.4	34.5	34.4	34.4	N/A
INITIAL VALUE (Watts)	2.8	2.8	2.8	2.8	11.1
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.4
	PORT 24	PORT 25	PORT 26	PORT 27	SUM TOTAL
INITIAL VALUE (dBm)	34.6	34.5	34.7	34.5	N/A
INITIAL VALUE (Watts)	2.9	2.8	3.0	2.8	11.5
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6
	PORT 28	PORT 29	PORT 30	PORT 31	SUM TOTAL
INITIAL VALUE (dBm)	34.7	34.3	34.4	34.3	N/A
INITIAL VALUE (Watts)	3.0	2.7	2.8	2.7	11.1
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.4

	PORT 32	PORT 33	PORT 34	PORT 35	SUM TOTAL	All Ports SUM
INITIAL VALUE (dBm)	34.7	34.5	34.6	34.6	N/A	
INITIAL VALUE (Watts)	3.0	2.8	2.9	2.9	11.5	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6	
	PORT 36	PORT 37	PORT 38	PORT 39	SUM TOTAL	
INITIAL VALUE (dBm)	34.5	34.4	34.4	34.4	N/A	
INITIAL VALUE (Watts)	2.8	2.8	2.8	2.8	11.1	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.4	
	PORT 40	PORT 41	PORT 42	PORT 43	SUM TOTAL	
INITIAL VALUE (dBm)	34.5	34.6	34.5	34.5	N/A	
INITIAL VALUE (Watts)	2.8	2.9	2.8	2.8	11.3	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.5	
	PORT 44	PORT 45	PORT 46	PORT 47	SUM TOTAL	
INITIAL VALUE (dBm)	34.5	34.7	34.7	34.6	N/A	
INITIAL VALUE (Watts)	2.8	3.0	3.0	2.9	11.6	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6	
	PORT 48	PORT 49	PORT 50	PORT 51	SUM TOTAL	
INITIAL VALUE (dBm)	35.4	35.5	34.7	34.6	N/A	
INITIAL VALUE (Watts)	3.5	3.5	3.0	2.9	12.9	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	41.1	
	PORT 52	PORT 53	PORT 54	PORT 55	SUM TOTAL	
INITIAL VALUE (dBm)	34.5	34.6	34.4	34.5	N/A	
INITIAL VALUE (Watts)	2.8	2.9	2.8	2.8	11.3	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.5	
	PORT 56	PORT 57	PORT 58	PORT 59	SUM TOTAL	
INITIAL VALUE (dBm)	35.5	35.5	34.6	34.7	N/A	
INITIAL VALUE (Watts)	3.5	3.5	2.9	3.0	12.9	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	41.1	
	PORT 60	PORT 61	PORT 62	PORT 63	SUM TOTAL	
INITIAL VALUE (dBm)	34.9	34.4	34.5	34.6	N/A	
INITIAL VALUE (Watts)	3.1	2.8	2.8	2.9	11.5	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6	

Final Value (Watts)	184.9
Final Value (dBm)	52.7

AVERAGE POWER - ALL PORTS SINGLE 3.7G

XMit 2022.02.07.0

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Block - DC	Fairview Microwave	SD3239	ANC	2022-03-02	2023-03-02
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFO	2022-09-08	2023-09-08
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The fundamental emission output power (maximum average conducted output power) was measured using the channels and modes as called out on the following data sheets. The transmit power was set to its default maximum.

The method in section 5.2.4.4 of ANSI C63.26 was used to make the measurements. This method uses trace averaging across the ON and OFF times of the EUT transmissions in the spectrum analyzer channel power function using an RMS detector. Following the measurement a duty cycle correction was applied by adding [10 log (1/D)], where D is the duty cycle in decimal, to the measured power to compute the average power during the actual transmission times.

RF conducted emissions testing was performed on all ports at 100 MHz middle channel in order to prove the AQQQA antenna ports are all within the manufacturer's rated output power tolerances (the RF power variation between antenna ports is small as shown in this certification testing) and the antenna port 22 for the 3.7GHz band was selected to perform the testing for this effort.

The AQQQA antenna ports are essentially electrically identical as shown in this testing. Antenna port 22 (TAB 22) is the highest average power port (worst case) for the 3.7GHz Band and was selected to perform the testing under this effort.

AVERAGE POWER - ALL PORTS SINGLE 3.7G

element

TbtTx 2022.06.03.0 XMit 2022.02.07.0

EUT:	AQQQA			Work Order:	NOKI0052
Serial Number:	YK224300010			Date:	19-Jan-23
Customer:	Nokia of America Corporation			Temperature:	20.2 °C
Attendees:	John Rattanavong, Michell Hill			Humidity:	32% RH
Project:	None			Barometric Pres.:	1023 mbar
Tested by:	Brandon Hobbs	Power:	54 VDC	Job Site:	TX07

TEST SPECIFICATIONS	Test Method
FCC 27:2023	ANSI C63.26:2015

COMMENTS

All losses in the measurement path were accounted for: attenuators, cables, DC block and filter when in use. Band n77 carriers were enabled at maximum power levels for the 3.7GHz band (at 2.5 watts/carrier for NR20 and at 5 watts/carrier for NR40, NR60, NR80 & NR100) in the single carrier operating mode configuration.

DEVIATIONS FROM TEST STANDARD

None

Configuration #	5	Signature

	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
Port 0						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.692	0	36.7	N/A	Within Tolerance	N/A
Port 1						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.672	0	36.7	N/A	Within Tolerance	N/A
Port 2						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.679	0	36.7	N/A	Within Tolerance	N/A
Port 3						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.705	0	36.7	N/A	Within Tolerance	N/A
Port 4						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.412	0	36.4	N/A	Within Tolerance	N/A
Port 5						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.515	0	36.5	N/A	Within Tolerance	N/A
Port 6						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.508	0	36.5	N/A	Within Tolerance	N/A
Port 7						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.443	0	36.4	N/A	Within Tolerance	N/A
Port 8						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.335	0	36.3	N/A	Within Tolerance	N/A
Port 9						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.363	0	36.4	N/A	Within Tolerance	N/A
Port 10						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.409	0	36.4	N/A	Within Tolerance	N/A
Port 11						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.519	0	36.5	N/A	Within Tolerance	N/A
Port 12						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.549	0	36.5	N/A	Within Tolerance	N/A
Port 13						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.712	0	36.7	N/A	Within Tolerance	N/A
Port 14						
Band n77, 3700 - 3980 MHz						
100 MHz Bandwidth						
256QAM Modulation						
Mid Channel, 3840 MHz	36.576	0	36.6	N/A	Within Tolerance	N/A
Port 15						
Band n77, 3700 - 3980 MHz						

100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.654	0	36.7	N/A	Within Tolerance	N/A	
Port 16							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.774	0	36.8	N/A	Within Tolerance	N/A	
Port 17							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.538	0	36.5	N/A	Within Tolerance	N/A	
Port 18							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.363	0	36.4	N/A	Within Tolerance	N/A	
Port 19							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.594	0	36.6	N/A	Within Tolerance	N/A	
Port 20							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.415	0	36.4	N/A	Within Tolerance	N/A	
Port 21							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.482	0	36.5	N/A	Within Tolerance	N/A	
Port 22							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	37.081	0	37.1	N/A	Within Tolerance	N/A	
Port 23							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.618	0	36.6	N/A	Within Tolerance	N/A	
Port 24							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.562	0	36.6	N/A	Within Tolerance	N/A	
Port 25							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.452	0	36.5	N/A	Within Tolerance	N/A	
Port 26							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.607	0	36.6	N/A	Within Tolerance	N/A	
Port 27							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.321	0	36.3	N/A	Within Tolerance	N/A	
Port 28							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.33	0	36.3	N/A	Within Tolerance	N/A	
Port 29							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.518	0	36.5	N/A	Within Tolerance	N/A	
Port 30							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.372	0	36.4	N/A	Within Tolerance	N/A	
Port 31							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.304	0	36.3	N/A	Within Tolerance	N/A	
Port 32							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.597	0	36.6	N/A	Within Tolerance	N/A	
Port 33							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.742	0	36.7	N/A	Within Tolerance	N/A	
Port 34							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.591	0	36.6	N/A	Within Tolerance	N/A	
Port 35							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.498	0	36.5	N/A	Within Tolerance	N/A	
Port 36							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							

256QAM Modulation							
Mid Channel, 3840 MHz	36.396	0	36.4	N/A	Within Tolerance	N/A	
Port 37							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.387	0	36.4	N/A	Within Tolerance	N/A	
Port 38							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.434	0	36.4	N/A	Within Tolerance	N/A	
Port 39							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.534	0	36.5	N/A	Within Tolerance	N/A	
Port 40							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.372	0	36.4	N/A	Within Tolerance	N/A	
Port 41							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.331	0	36.3	N/A	Within Tolerance	N/A	
Port 42							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.328	0	36.3	N/A	Within Tolerance	N/A	
Port 43							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.526	0	36.5	N/A	Within Tolerance	N/A	
Port 44							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.536	0	36.5	N/A	Within Tolerance	N/A	
Port 45							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.542	0	36.5	N/A	Within Tolerance	N/A	
Port 46							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.737	0	36.7	N/A	Within Tolerance	N/A	
Port 47							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.683	0	36.7	N/A	Within Tolerance	N/A	
Port 48							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.362	0	36.4	N/A	Within Tolerance	N/A	
Port 49							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.524	0	36.5	N/A	Within Tolerance	N/A	
Port 50							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.334	0	36.3	N/A	Within Tolerance	N/A	
Port 51							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.514	0	36.5	N/A	Within Tolerance	N/A	
Port 52							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.451	0	36.5	N/A	Within Tolerance	N/A	
Port 53							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.48	0	36.5	N/A	Within Tolerance	N/A	
Port 54							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.54	0	36.5	N/A	Within Tolerance	N/A	
Port 55							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.418	0	36.4	N/A	Within Tolerance	N/A	
Port 56							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
Mid Channel, 3840 MHz	36.3	0	36.3	N/A	Within Tolerance	N/A	
Port 57							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							

	Mid Channel, 3840 MHz	36.594	0	36.6	N/A	Within Tolerance	N/A
Port 58							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
	Mid Channel, 3840 MHz	36.567	0	36.6	N/A	Within Tolerance	N/A
Port 59							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
	Mid Channel, 3840 MHz	36.544	0	36.5	N/A	Within Tolerance	N/A
Port 60							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
	Mid Channel, 3840 MHz	36.467	0	36.5	N/A	Within Tolerance	N/A
Port 61							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
	Mid Channel, 3840 MHz	36.633	0	36.6	N/A	Within Tolerance	N/A
Port 62							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
	Mid Channel, 3840 MHz	36.491	0	36.5	N/A	Within Tolerance	N/A
Port 63							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
	Mid Channel, 3840 MHz	36.562	0	36.6	N/A	Within Tolerance	N/A
All Ports							
Band n77, 3700 - 3980 MHz							
100 MHz Bandwidth							
256QAM Modulation							
	Mid Channel, 3840 MHz	N/A	N/A	N/A	54.57994196	Within Tolerance	N/A

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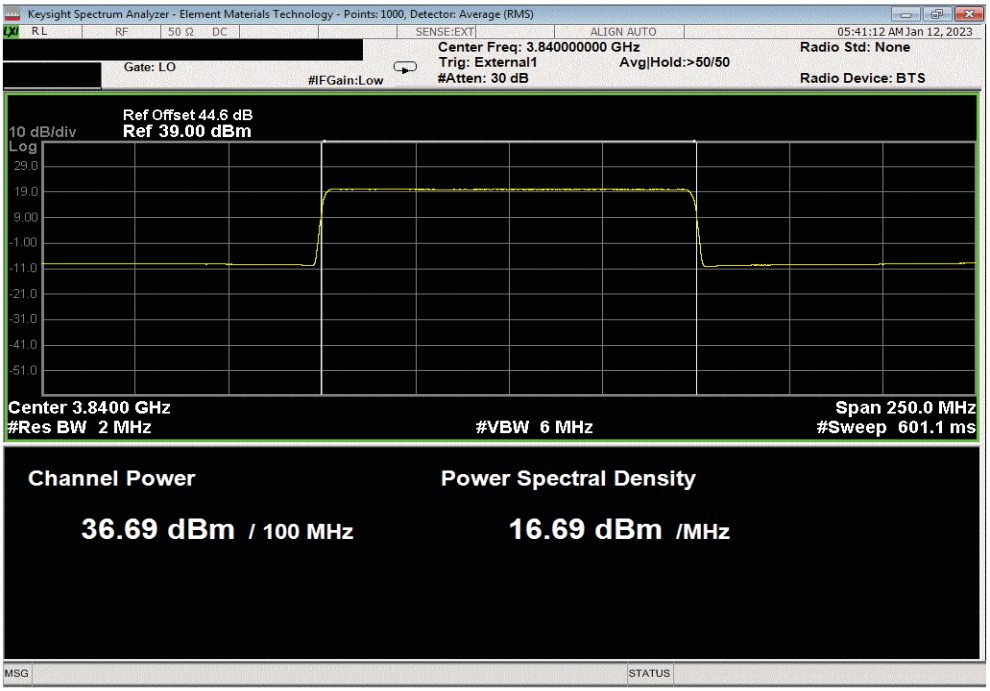
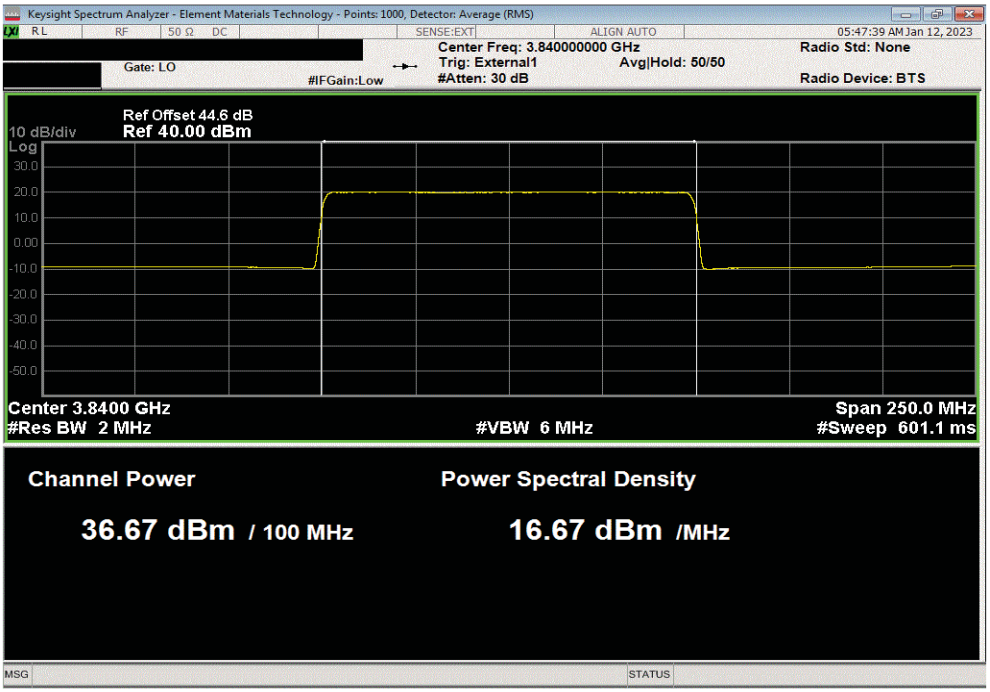
Port 0, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.692	0	36.7	N/A	Within Tolerance	N/A



Port 1, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.672	0	36.7	N/A	Within Tolerance	N/A



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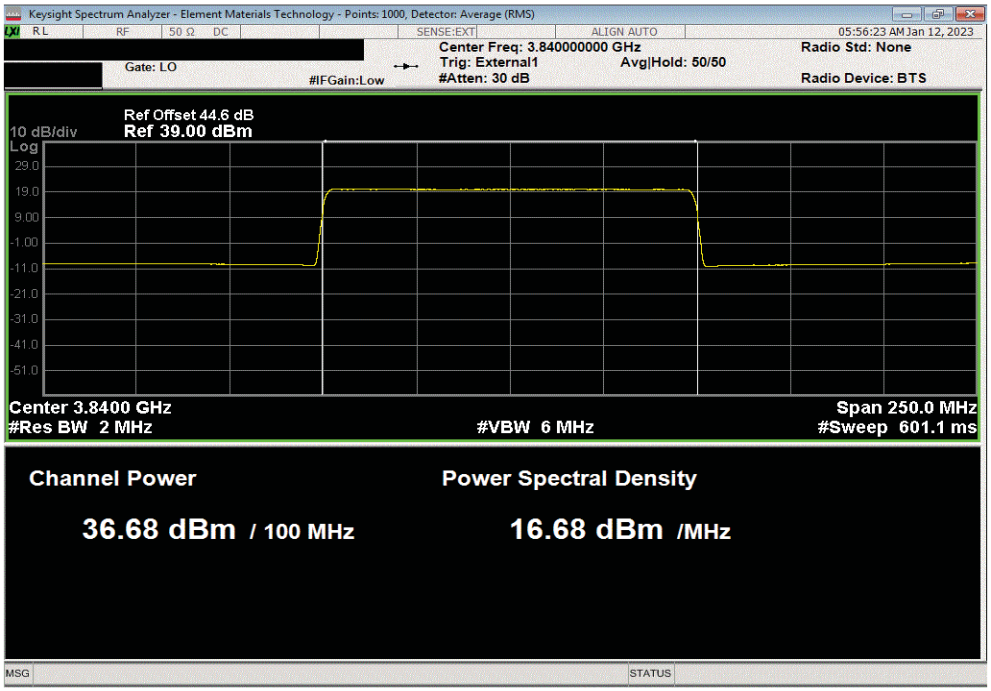
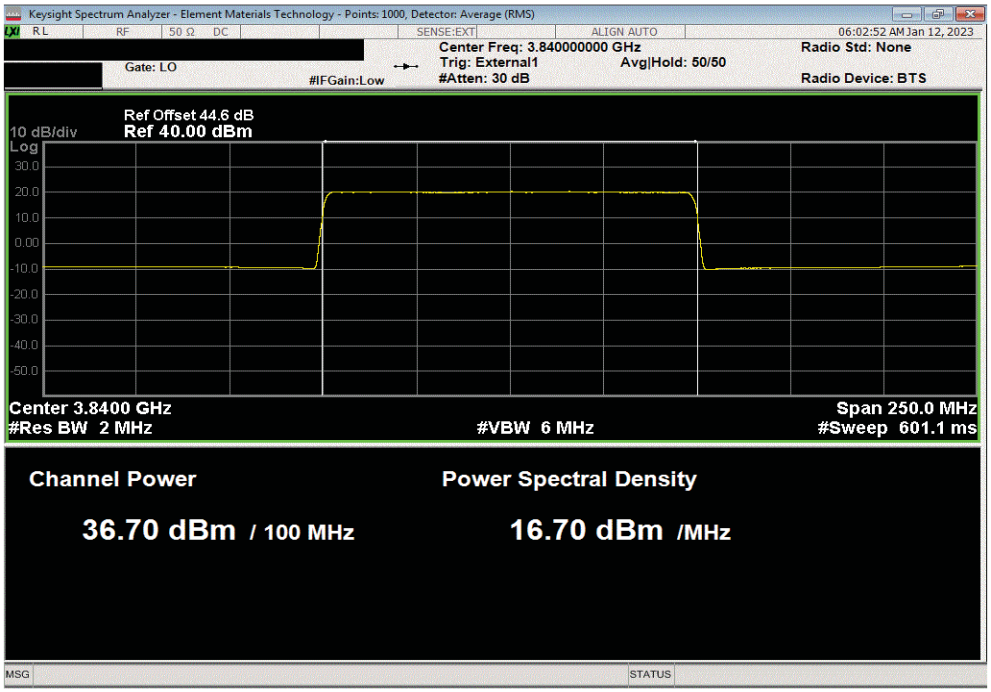
Port 2, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.679	0	36.7	N/A	Within Tolerance	N/A



Port 3, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.705	0	36.7	N/A	Within Tolerance	N/A



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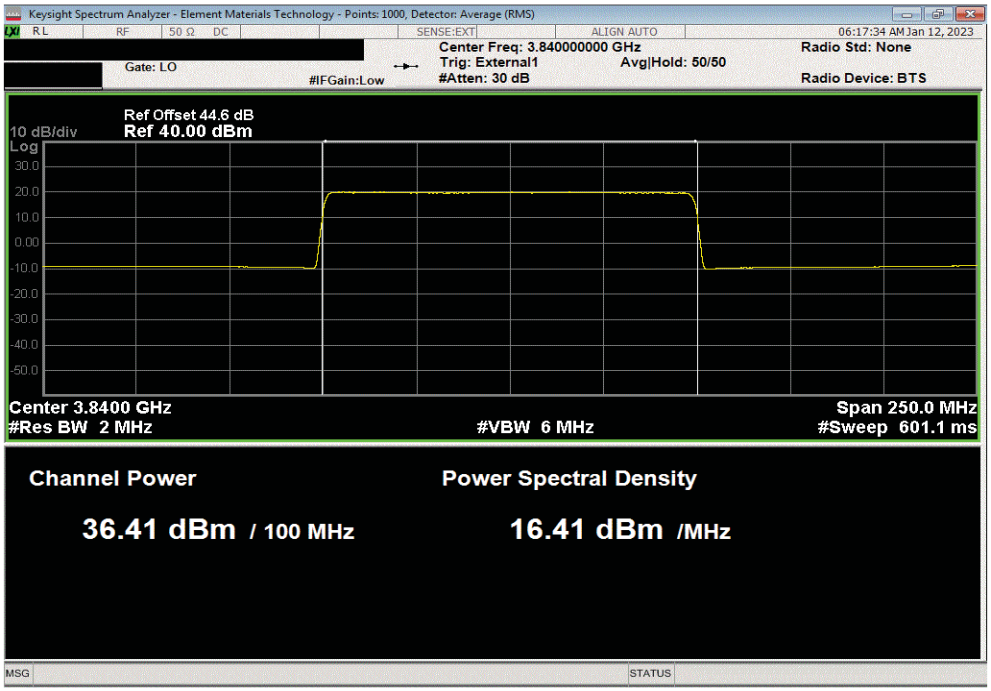
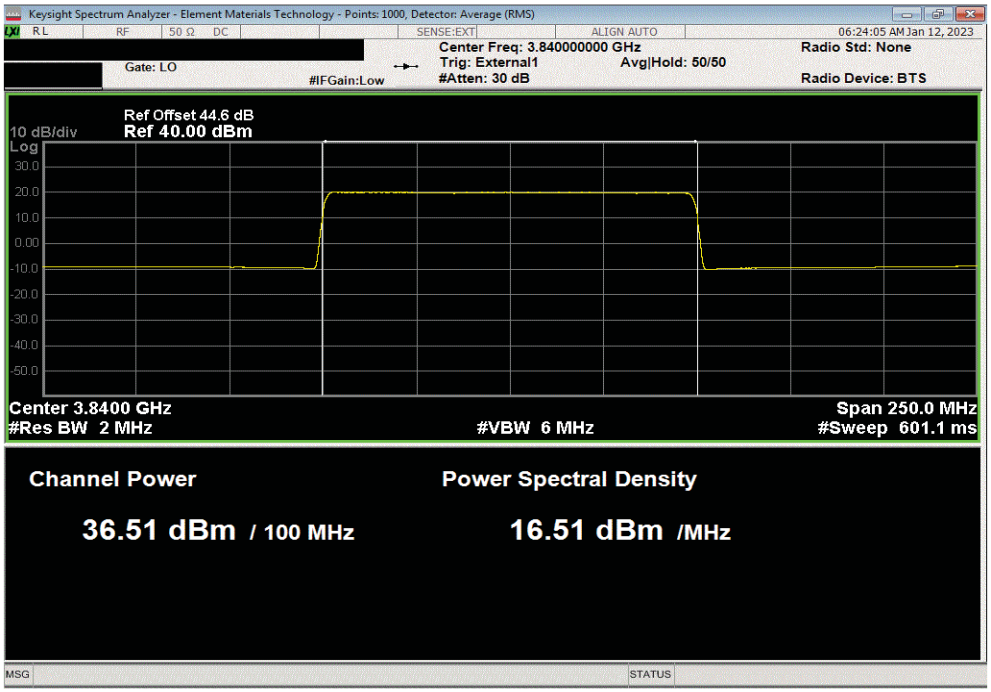
Port 4, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.412	0	36.4	N/A	Within Tolerance	N/A



Port 5, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.515	0	36.5	N/A	Within Tolerance	N/A



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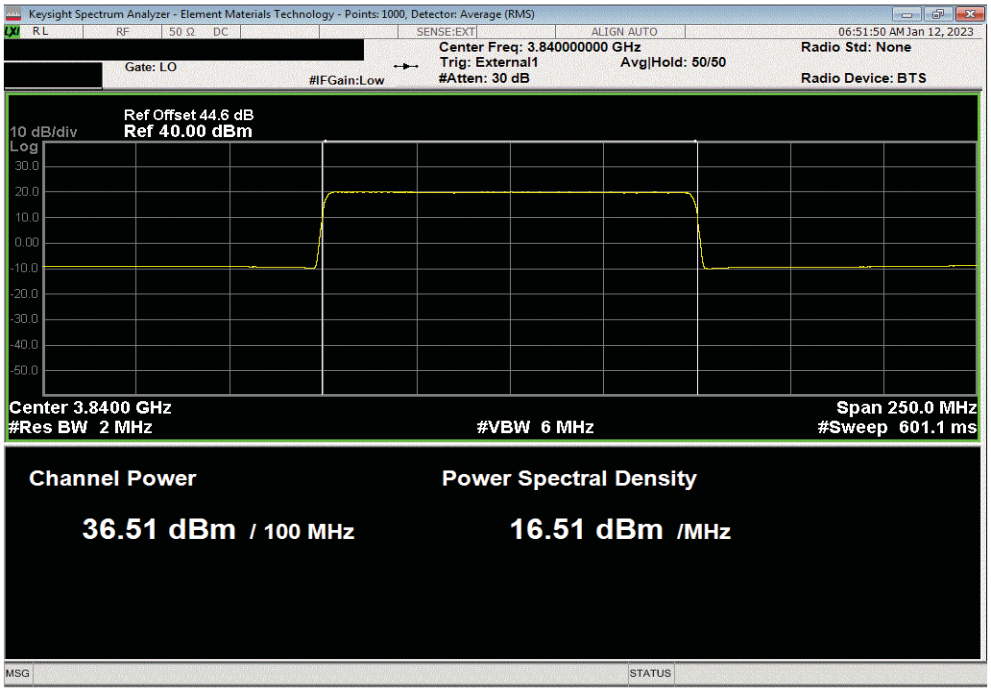
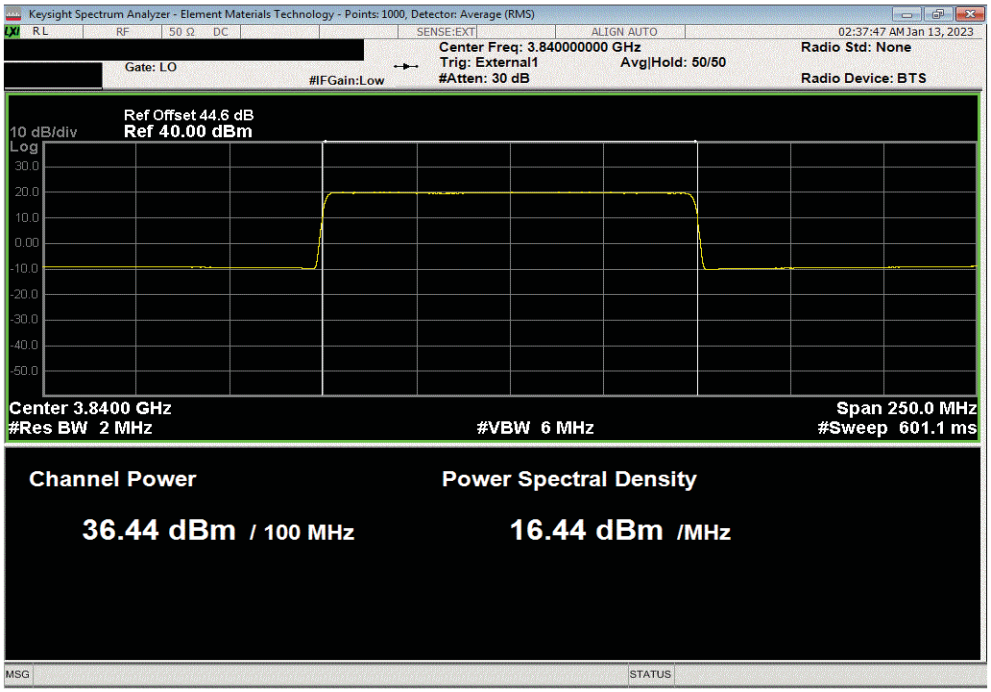
Port 6, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.508	0	36.5	N/A	Within Tolerance	N/A



Port 7, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.443	0	36.4	N/A	Within Tolerance	N/A



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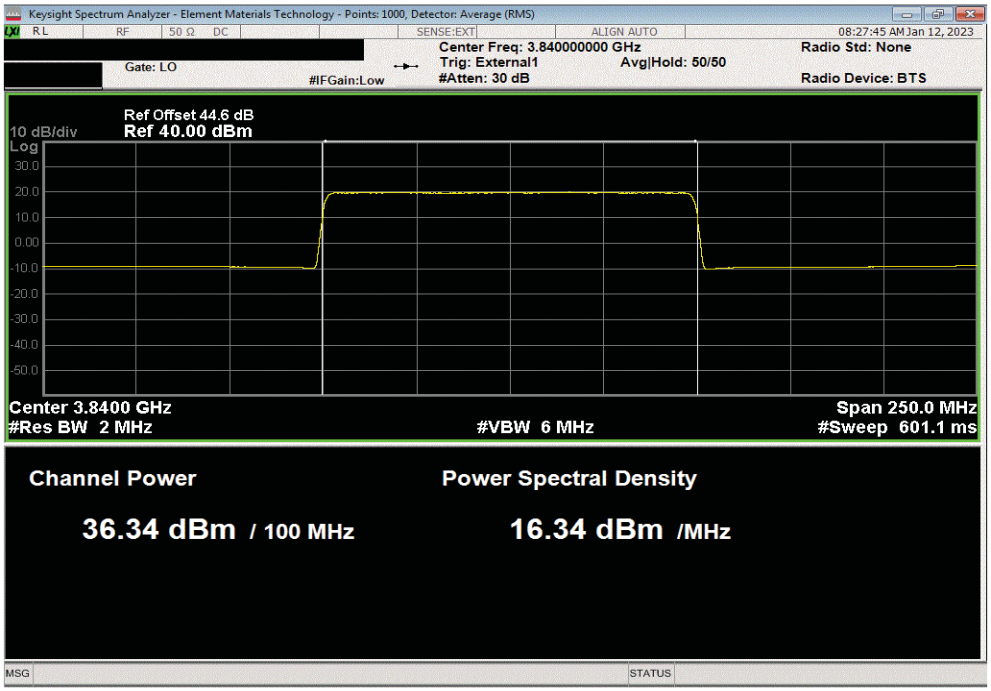
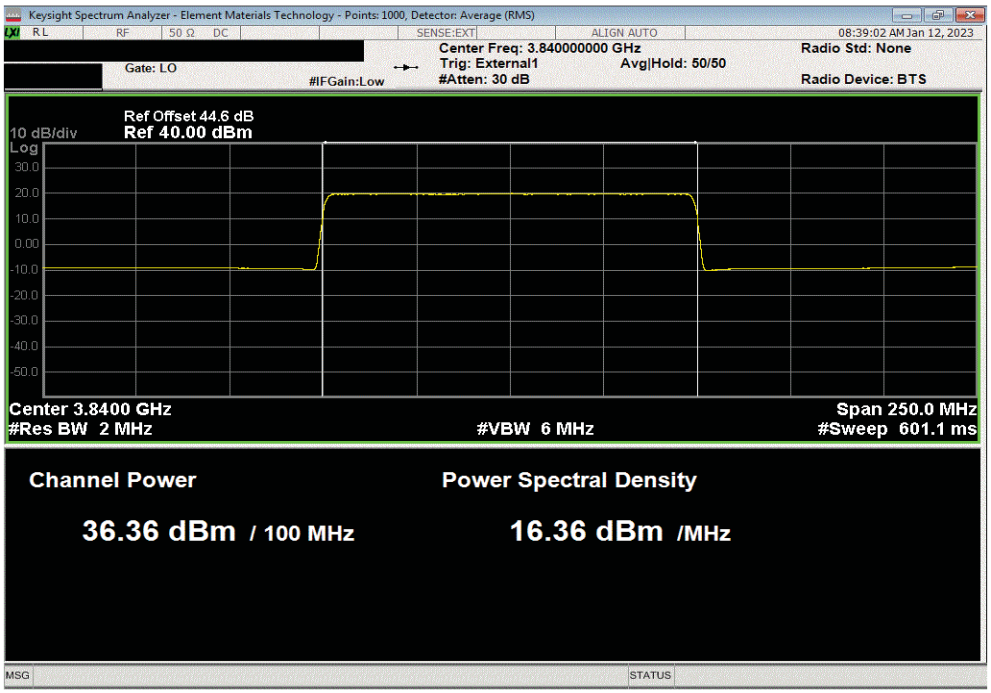
Port 8, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.335	0	36.3	N/A	Within Tolerance	N/A



Port 9, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.363	0	36.4	N/A	Within Tolerance	N/A



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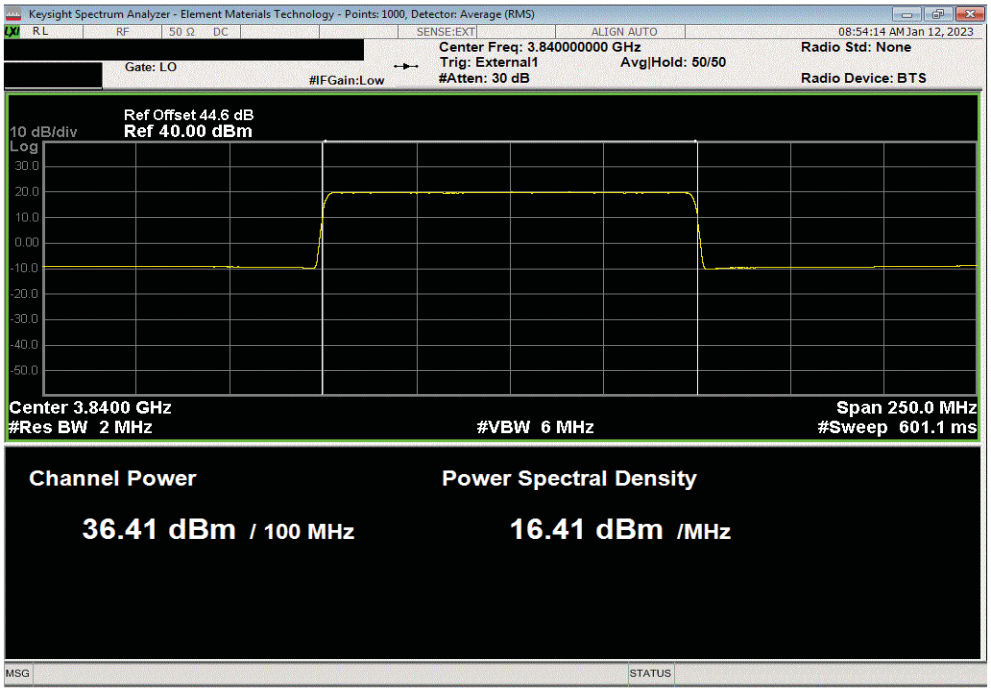
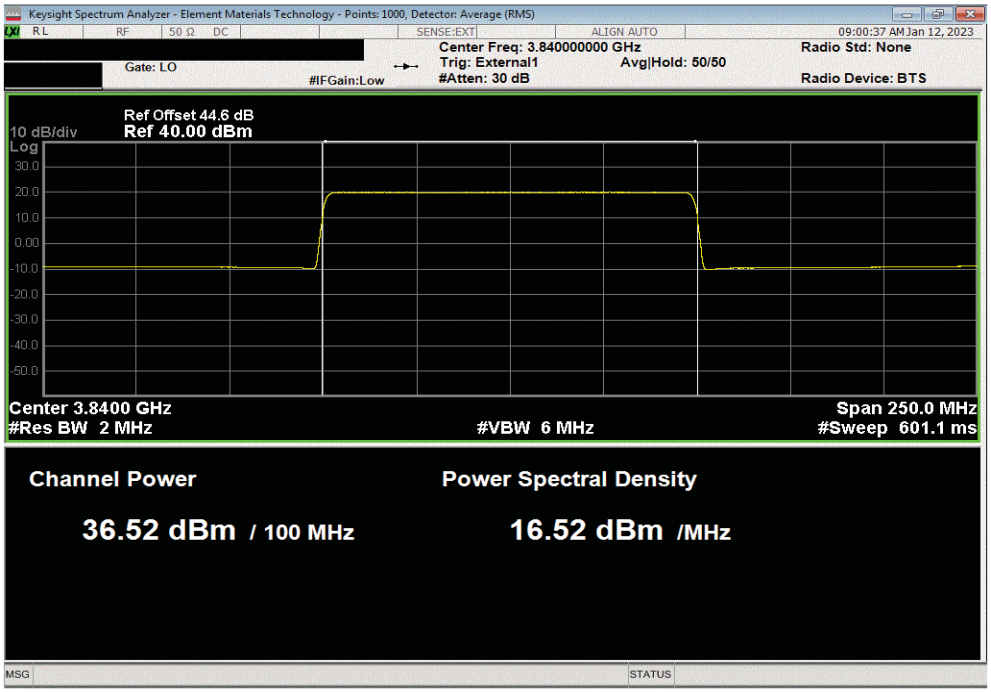
Port 10, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.409	0	36.4	N/A	Within Tolerance	N/A



Port 11, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.519	0	36.5	N/A	Within Tolerance	N/A



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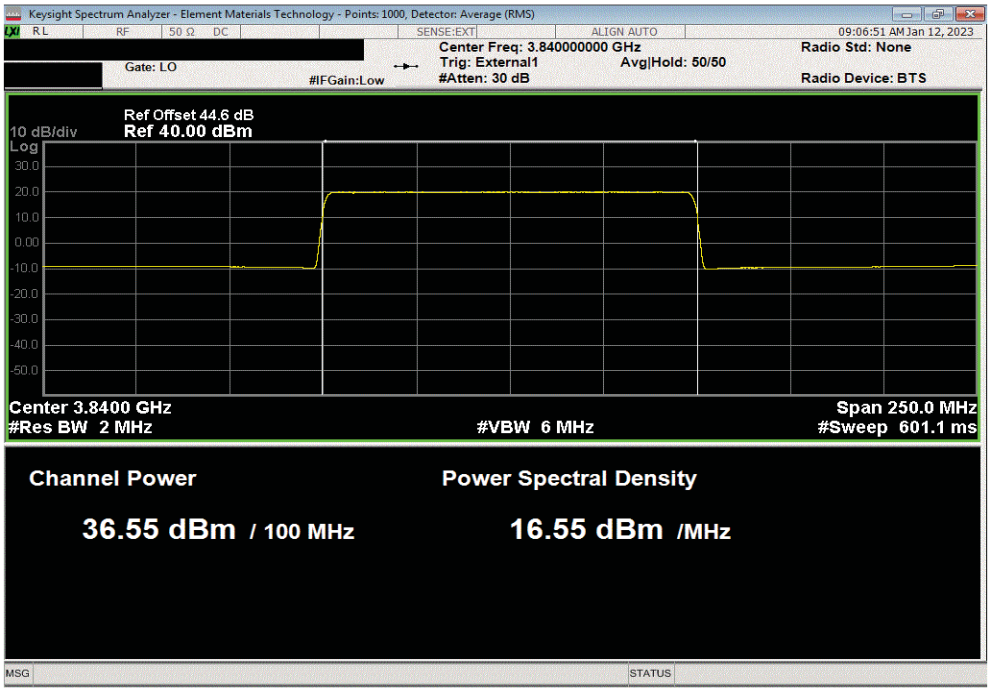
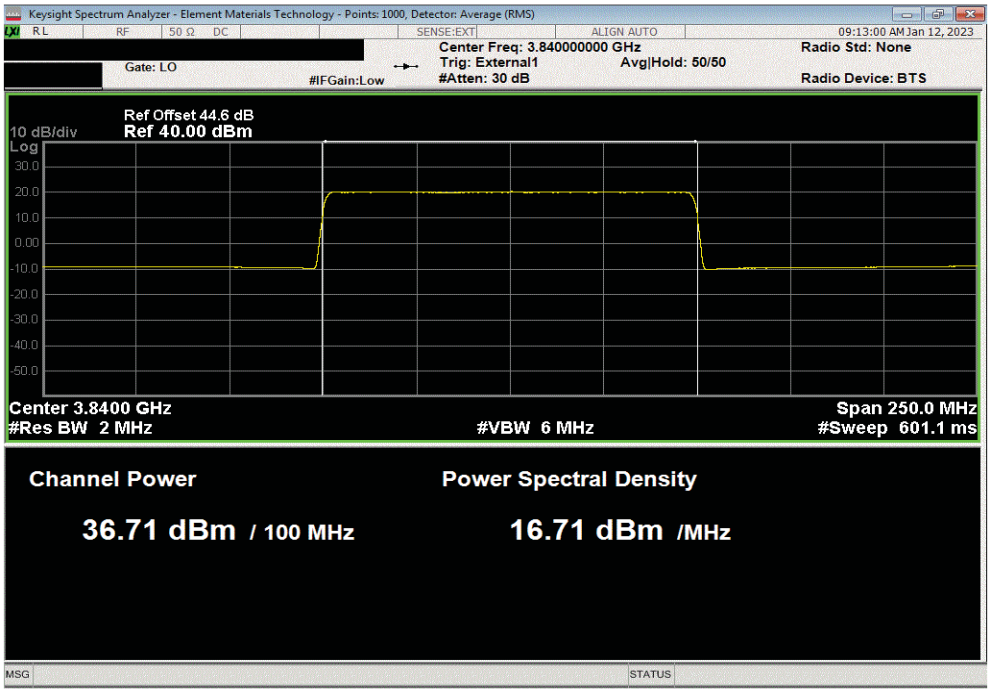
Port 12, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.549	0	36.5	N/A	Within Tolerance	N/A



Port 13, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.712	0	36.7	N/A	Within Tolerance	N/A



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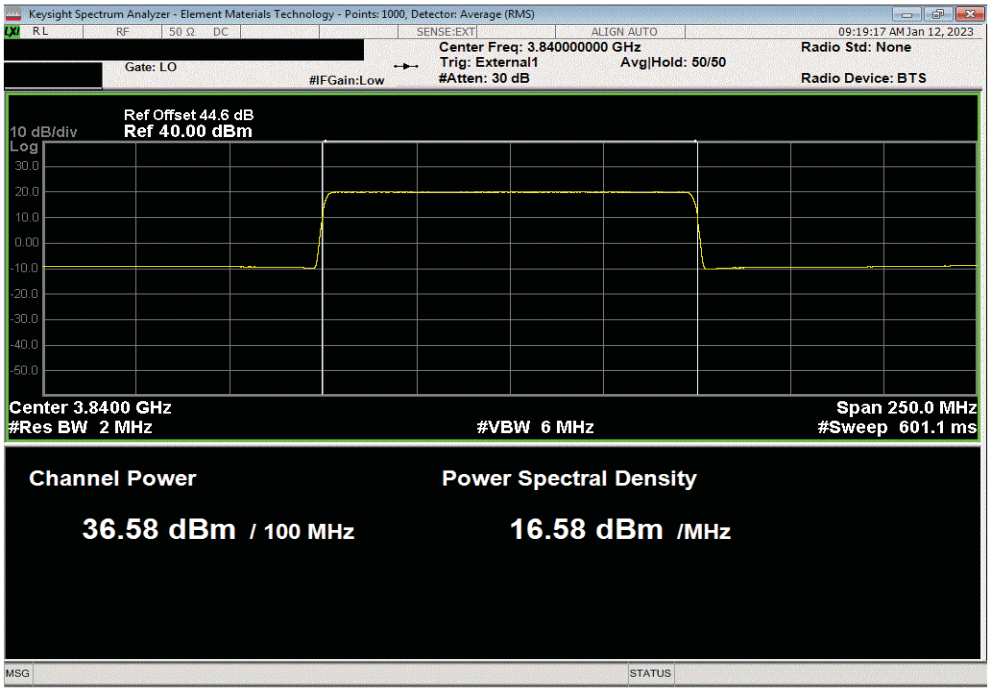
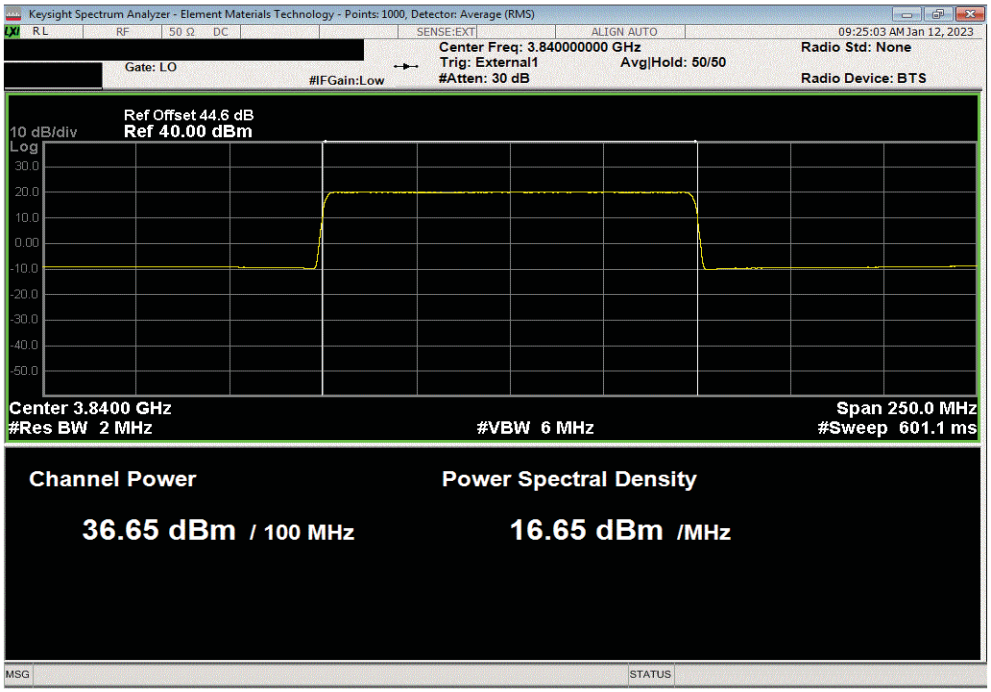
Port 14, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.576	0	36.6	N/A	Within Tolerance	N/A



Port 15, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.654	0	36.7	N/A	Within Tolerance	N/A



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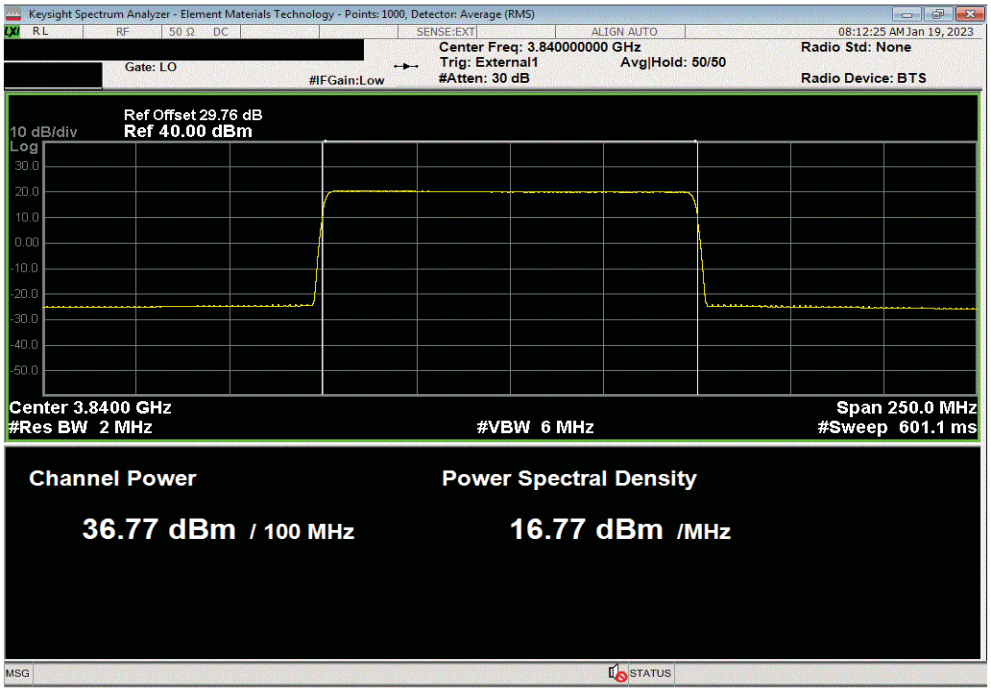
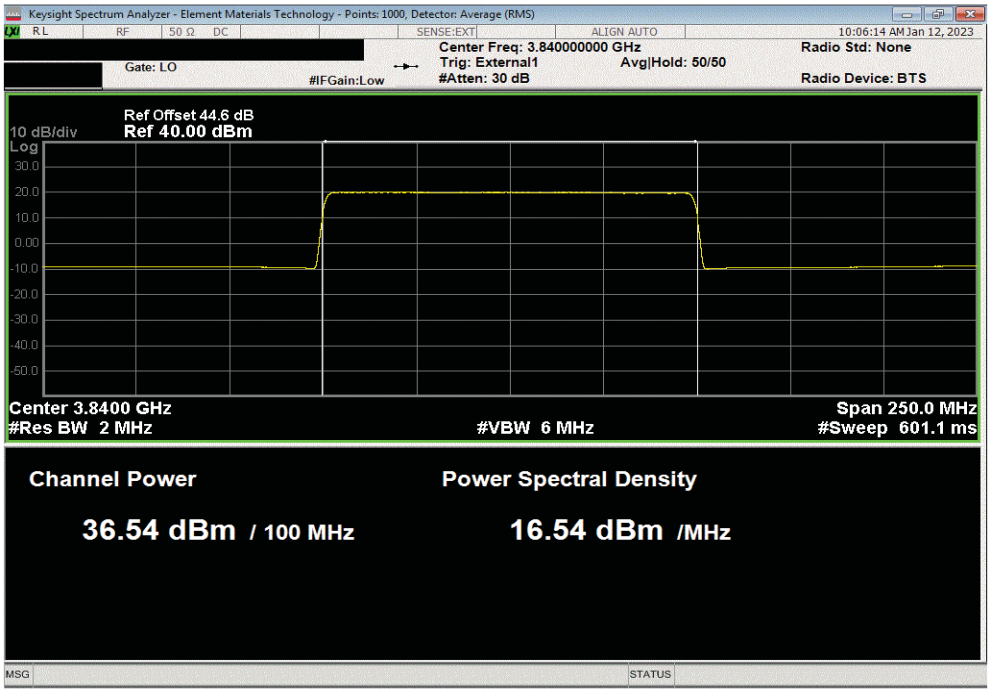
Port 16, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.774	0	36.8	N/A	Within Tolerance	N/A



Port 17, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.538	0	36.5	N/A	Within Tolerance	N/A



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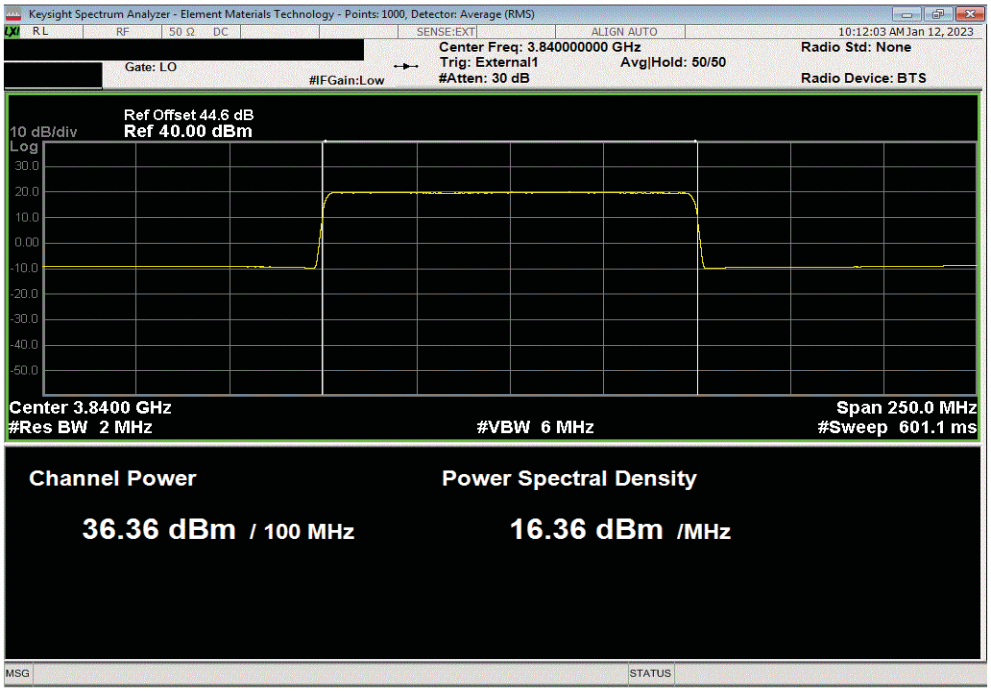
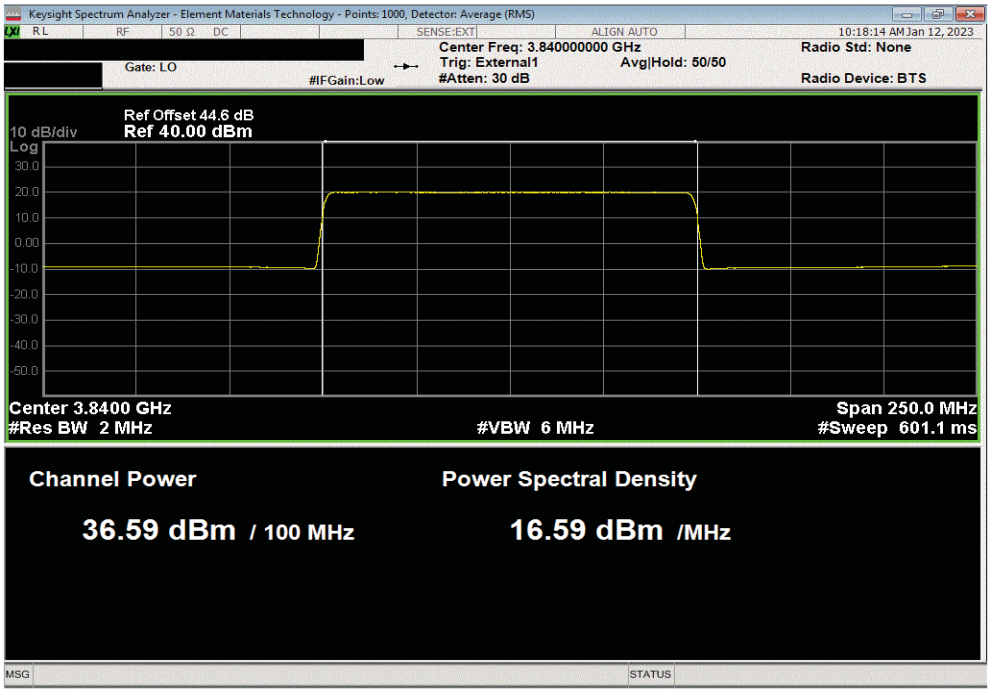
Port 18, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.363	0	36.4	N/A	Within Tolerance	N/A

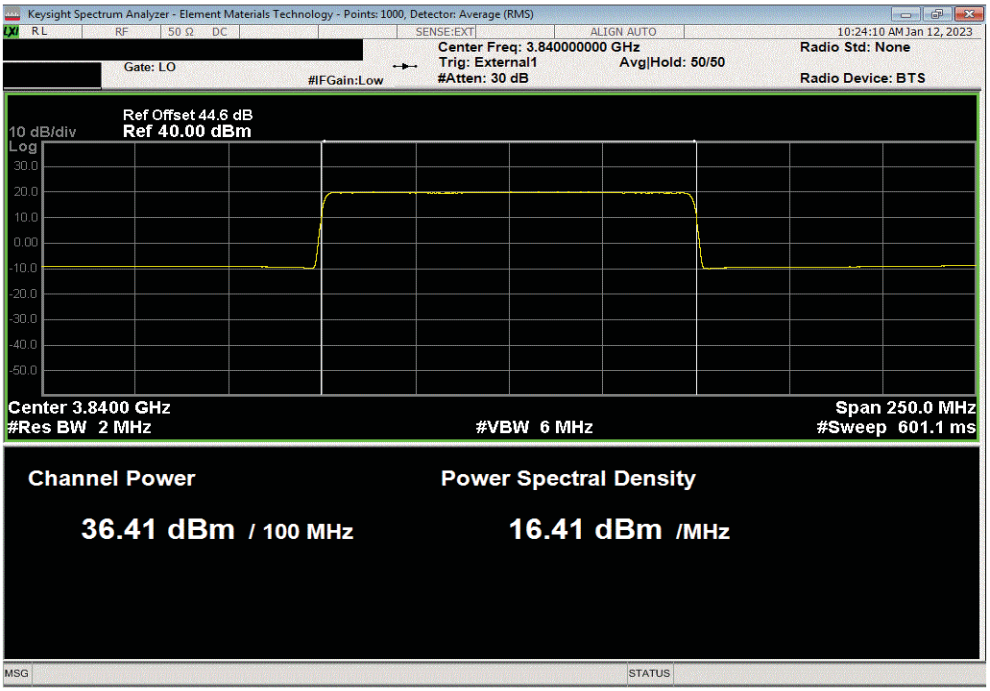


Port 19, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.594	0	36.6	N/A	Within Tolerance	N/A

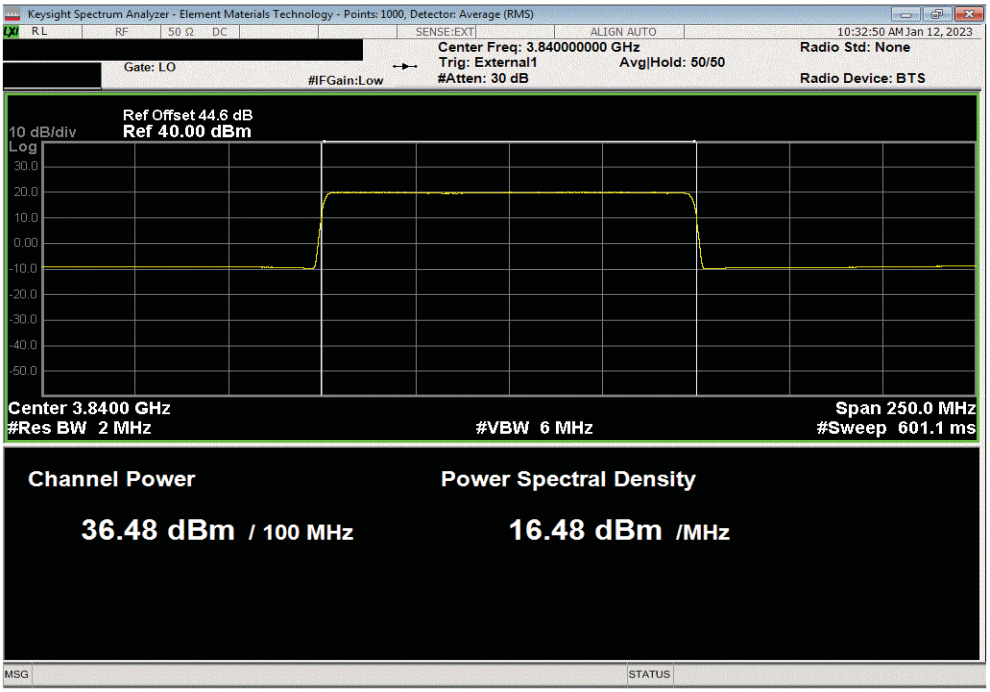


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 20, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.415	0	36.4	N/A	Within Tolerance	N/A

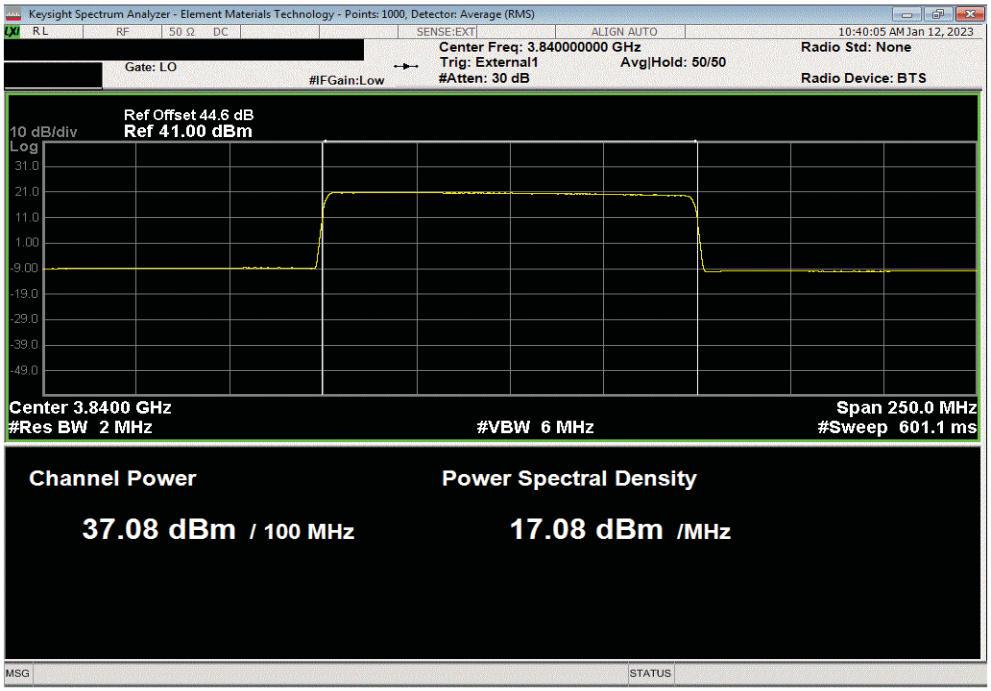


Port 21, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.482	0	36.5	N/A	Within Tolerance	N/A

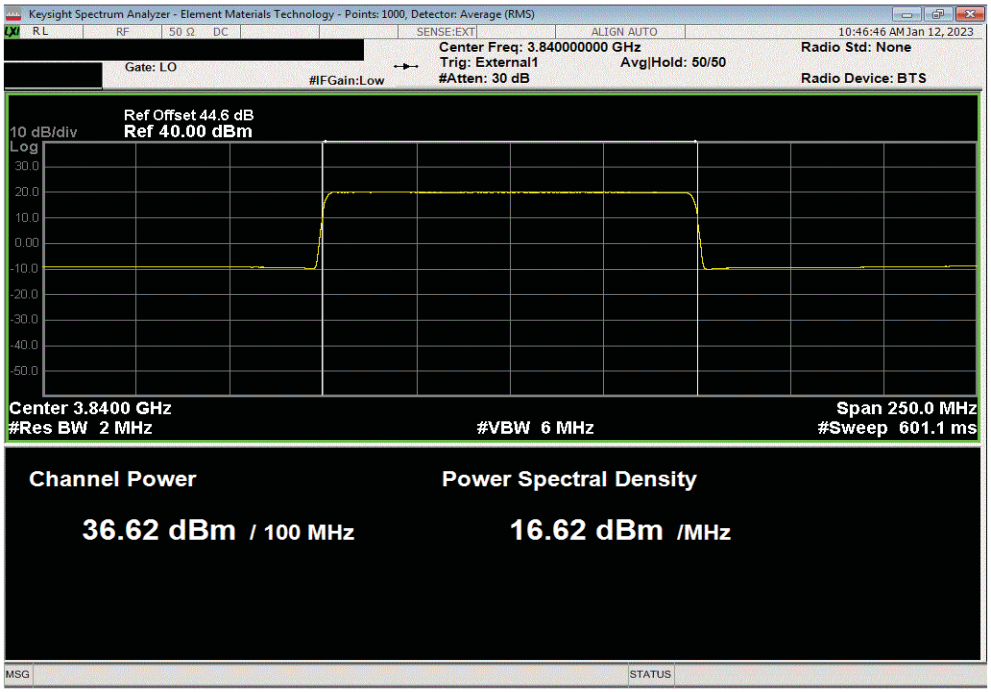


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 22, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	37.081	0	37.1	N/A	Within Tolerance	N/A



Port 23, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.618	0	36.6	N/A	Within Tolerance	N/A



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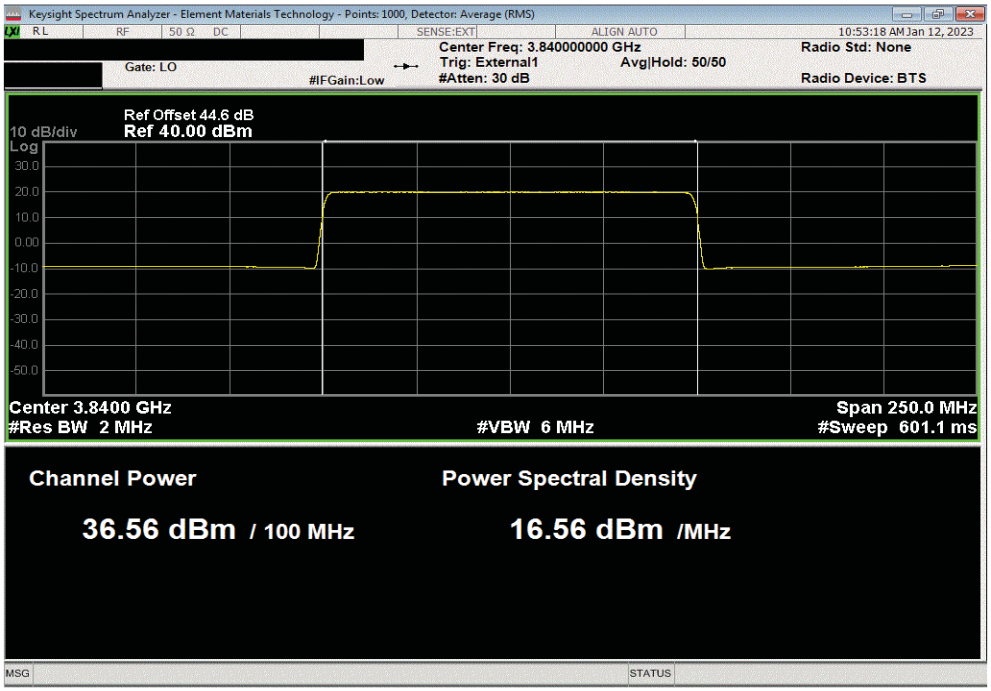
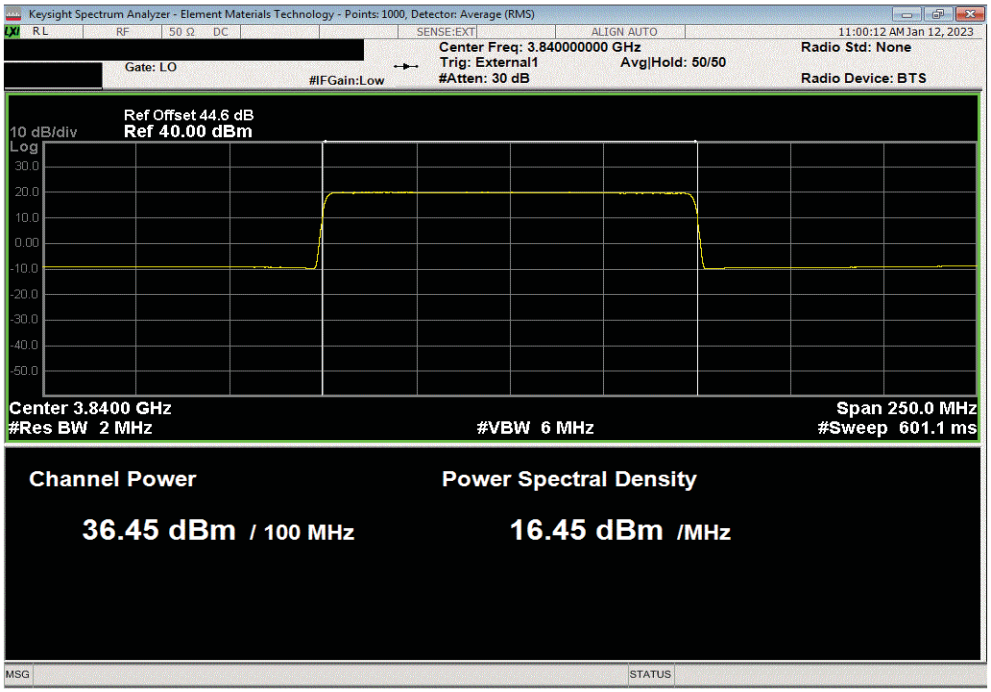
Port 24, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.562	0	36.6	N/A	Within Tolerance	N/A



Port 25, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.452	0	36.5	N/A	Within Tolerance	N/A



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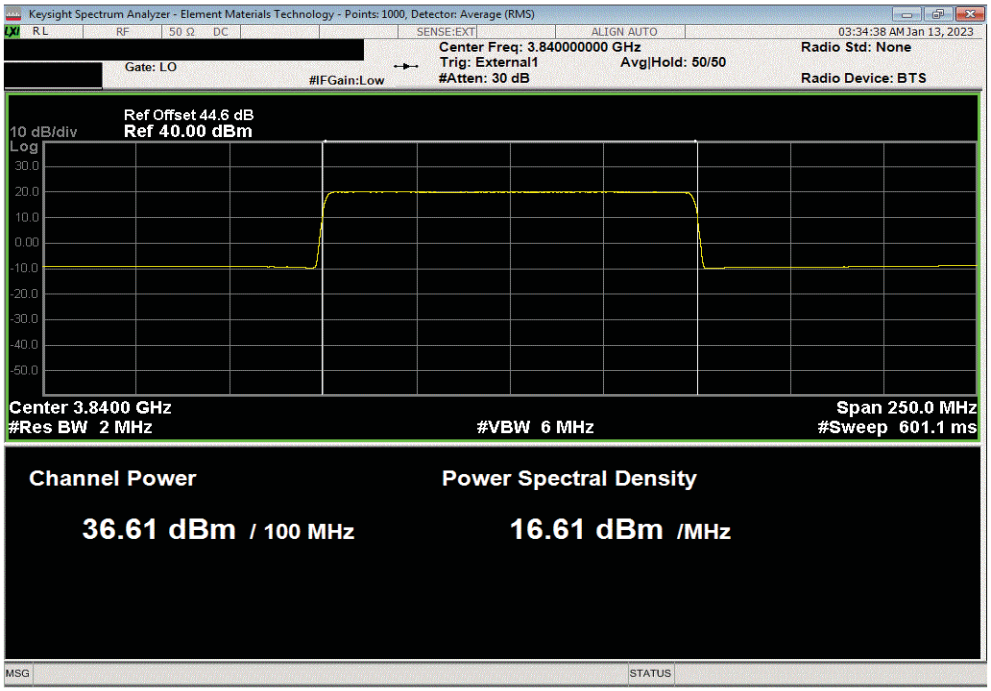
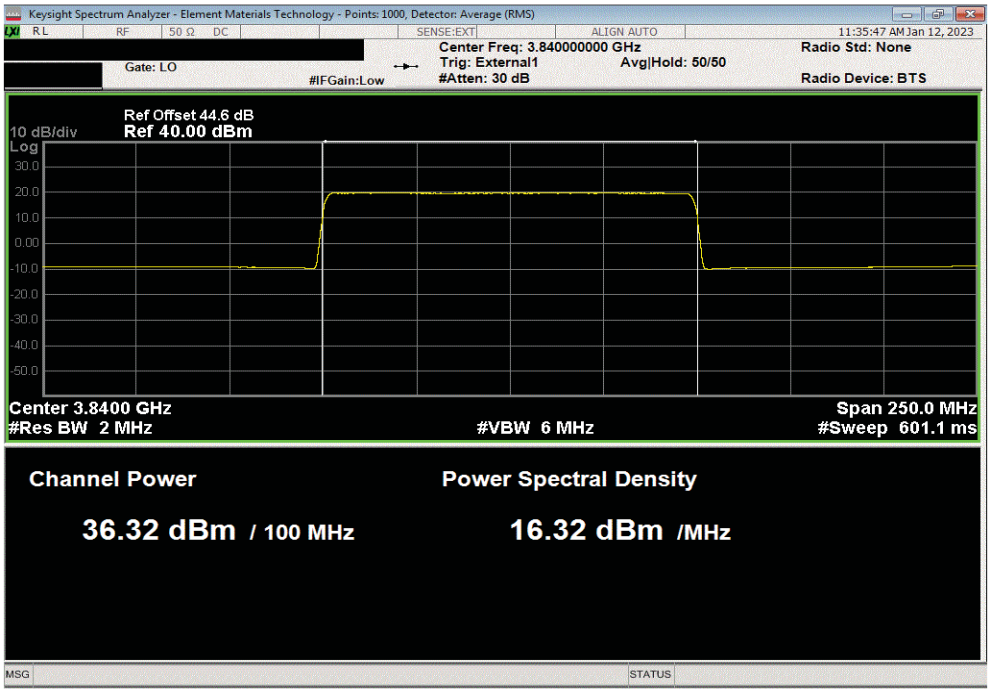
Port 26, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.607	0	36.6	N/A	Within Tolerance	N/A



Port 27, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.321	0	36.3	N/A	Within Tolerance	N/A



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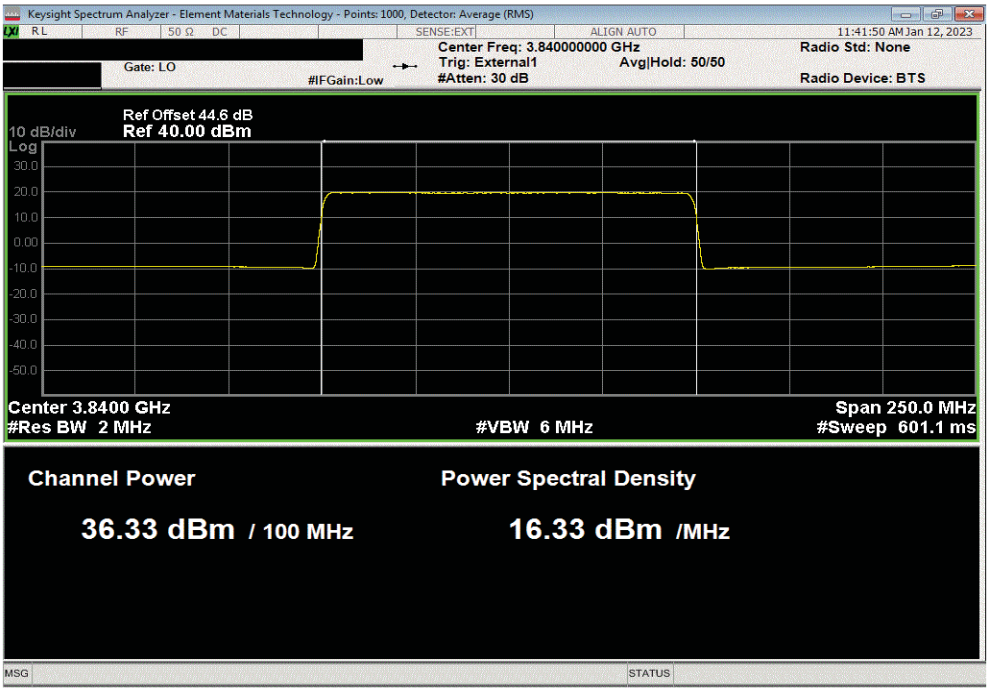
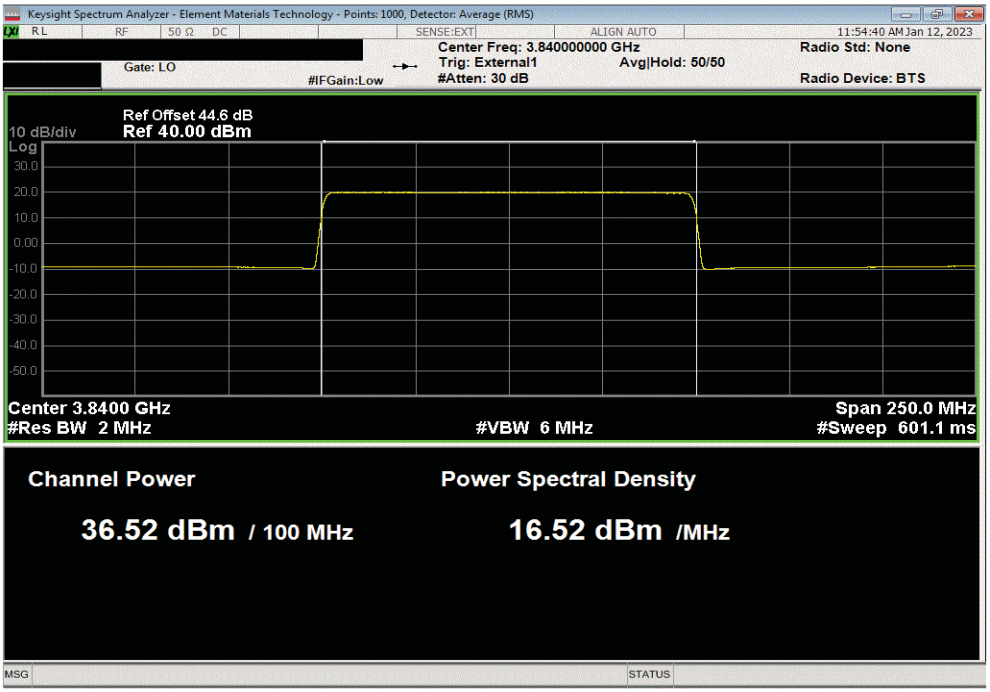
Port 28, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.33	0	36.3	N/A	Within Tolerance	N/A



Port 29, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.518	0	36.5	N/A	Within Tolerance	N/A



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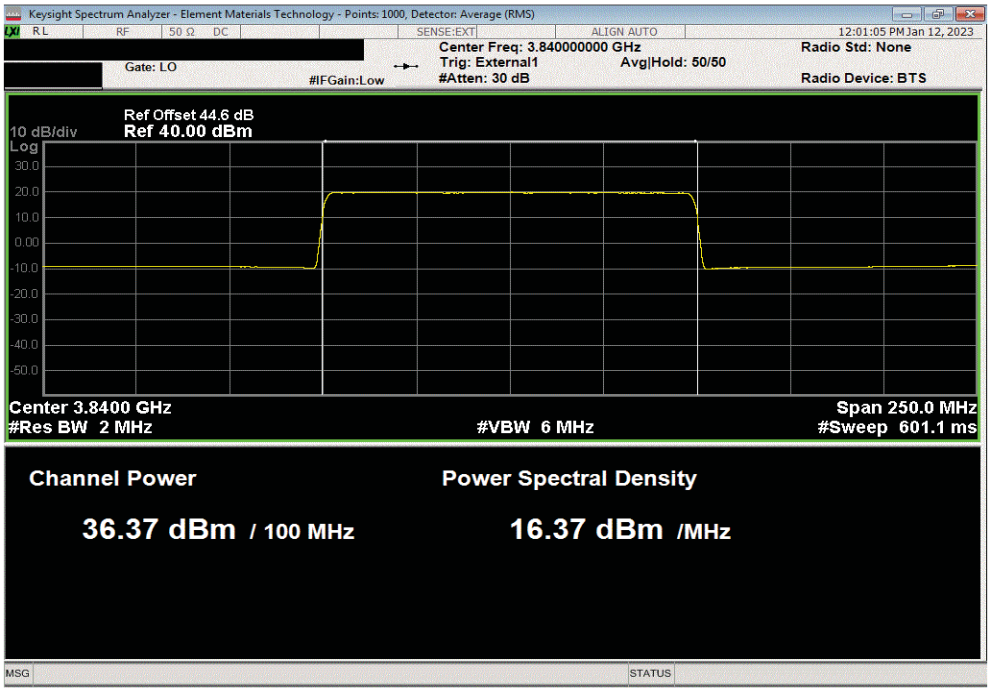
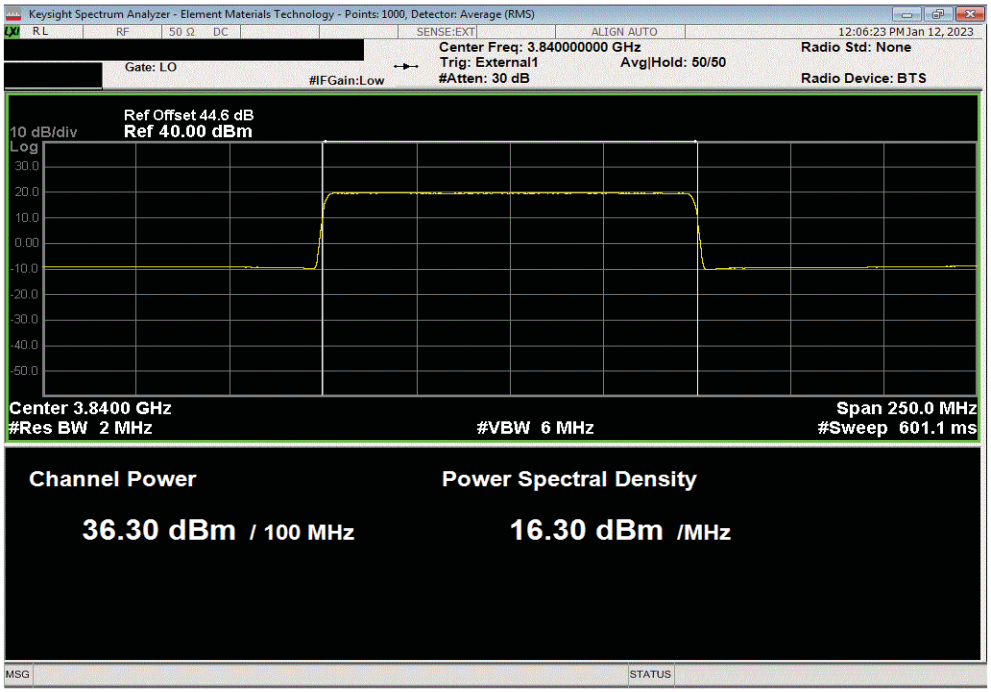
Port 30, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.372	0	36.4	N/A	Within Tolerance	N/A



Port 31, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.304	0	36.3	N/A	Within Tolerance	N/A



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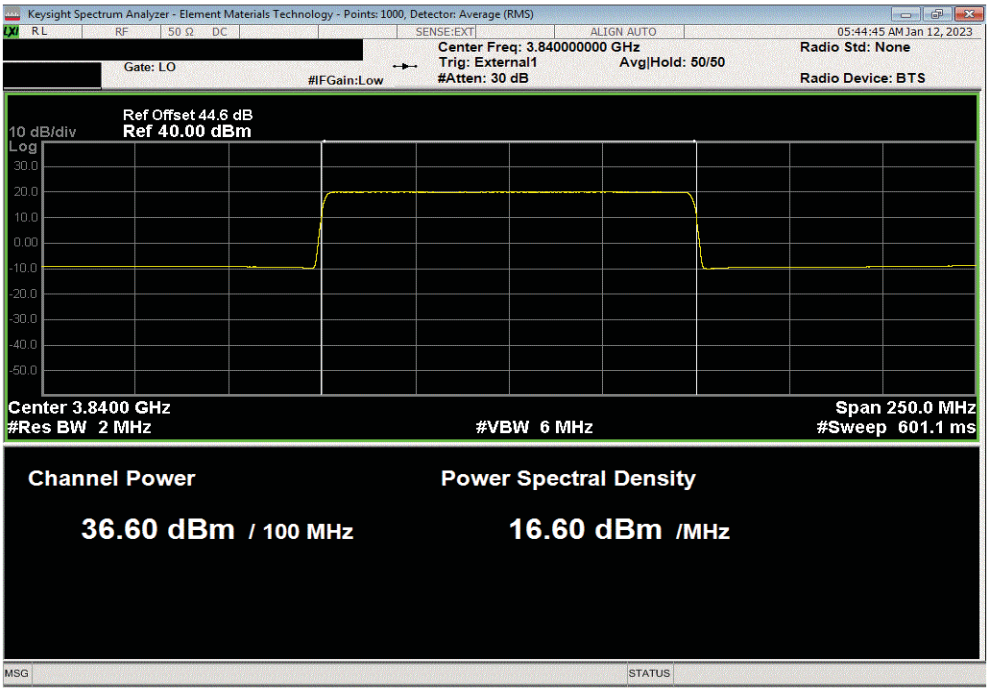
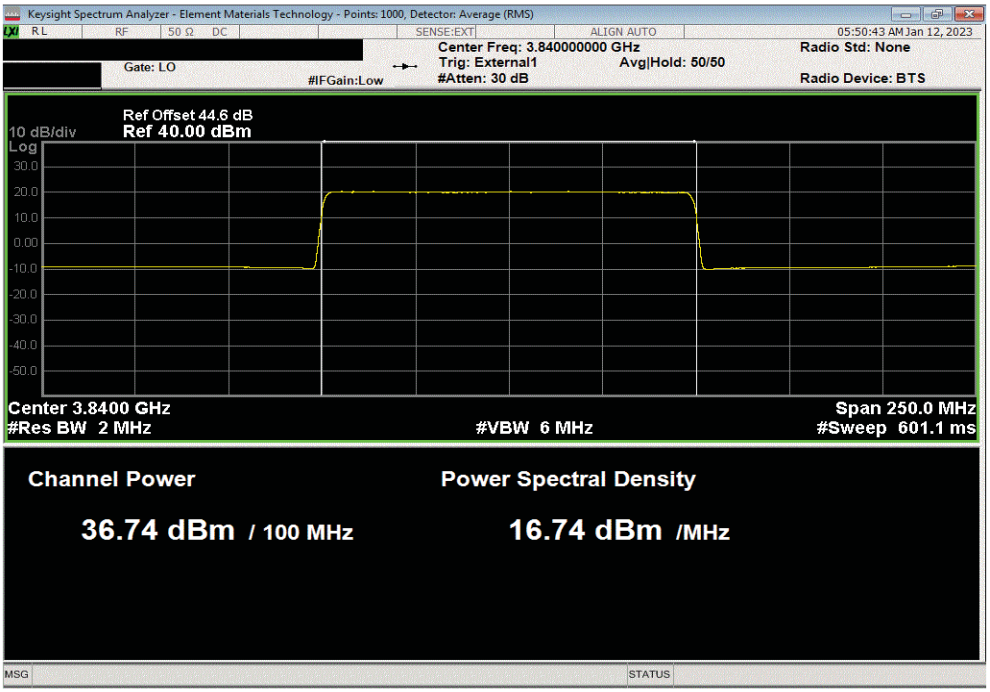
Port 32, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.597	0	36.6	N/A	Within Tolerance	N/A



Port 33, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.742	0	36.7	N/A	Within Tolerance	N/A



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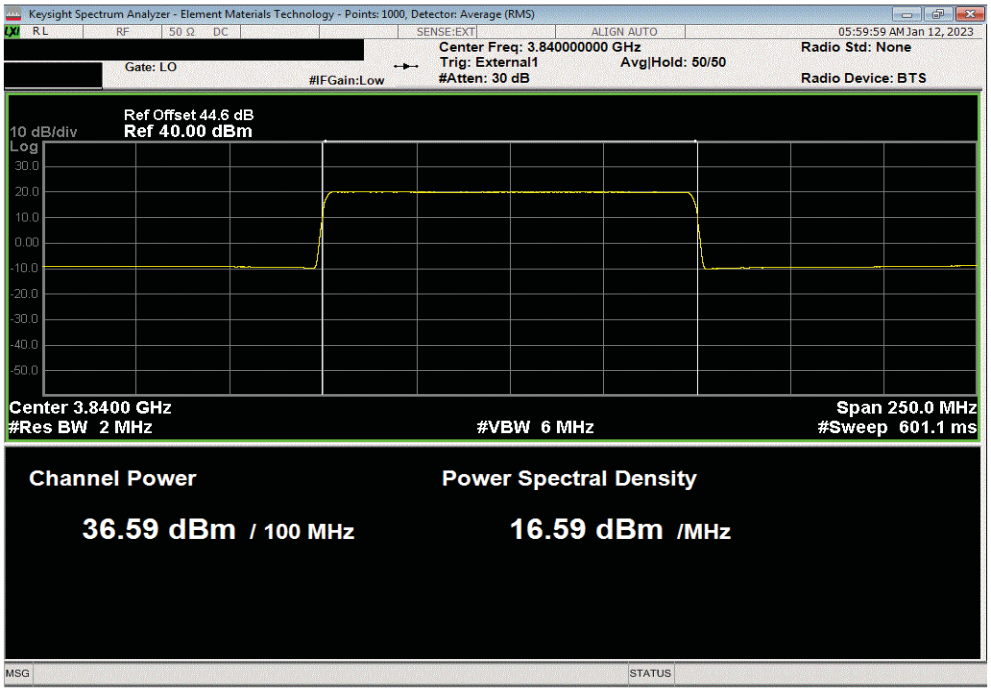
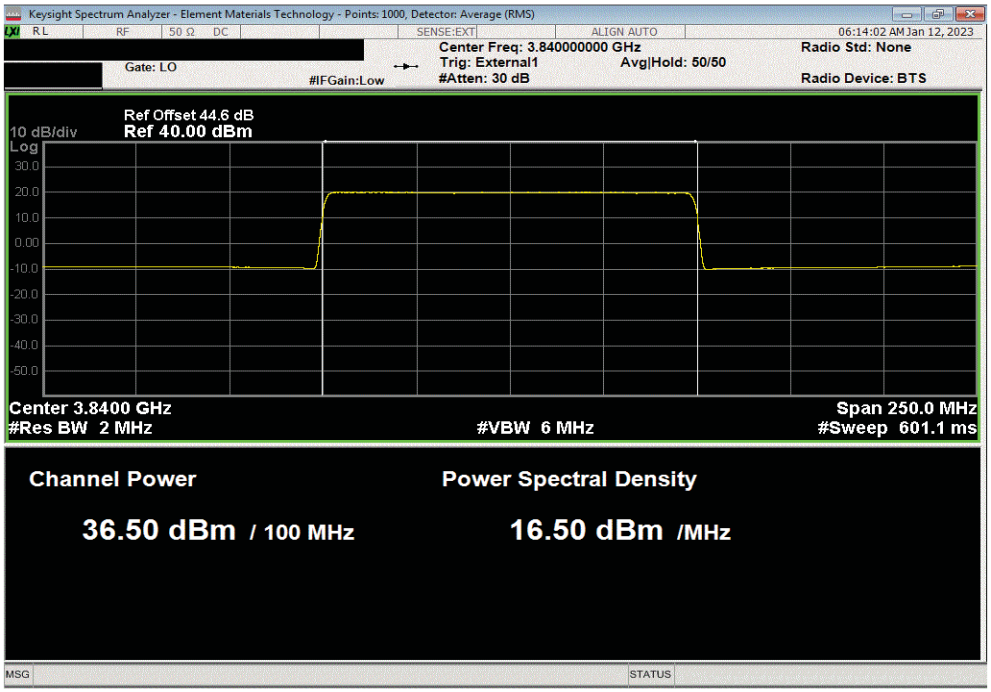
Port 34, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.591	0	36.6	N/A	Within Tolerance	N/A



Port 35, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.498	0	36.5	N/A	Within Tolerance	N/A



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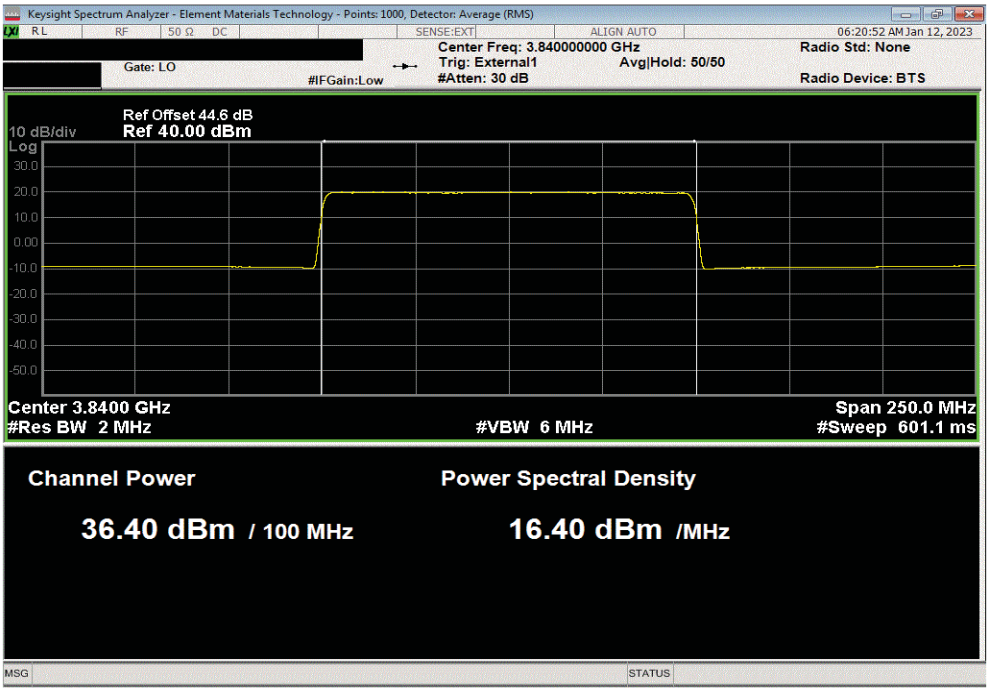
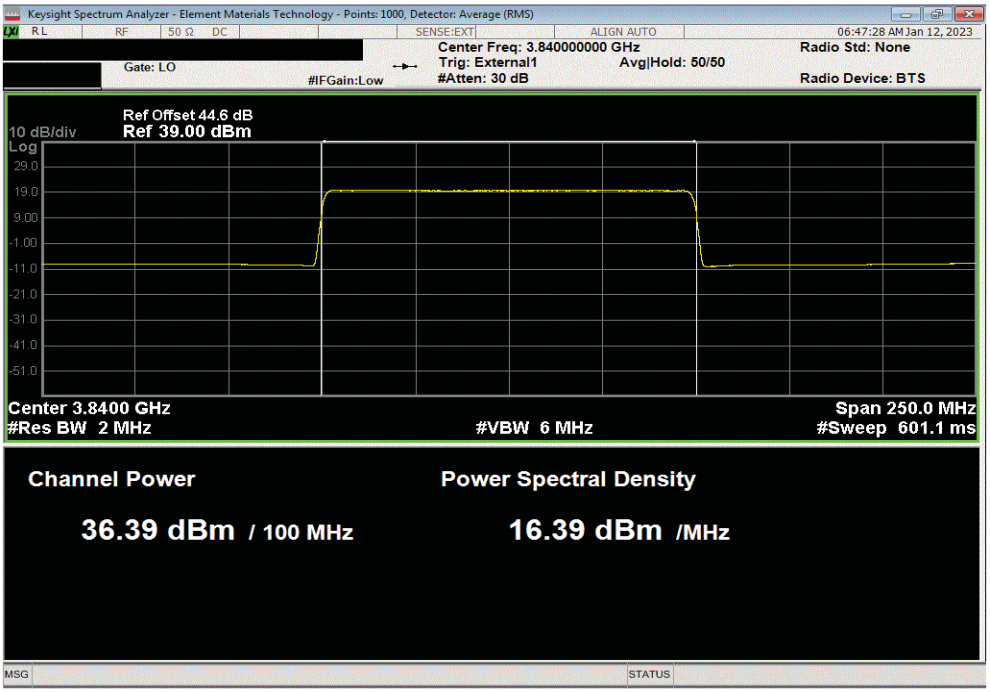
Port 36, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.396	0	36.4	N/A	Within Tolerance	N/A

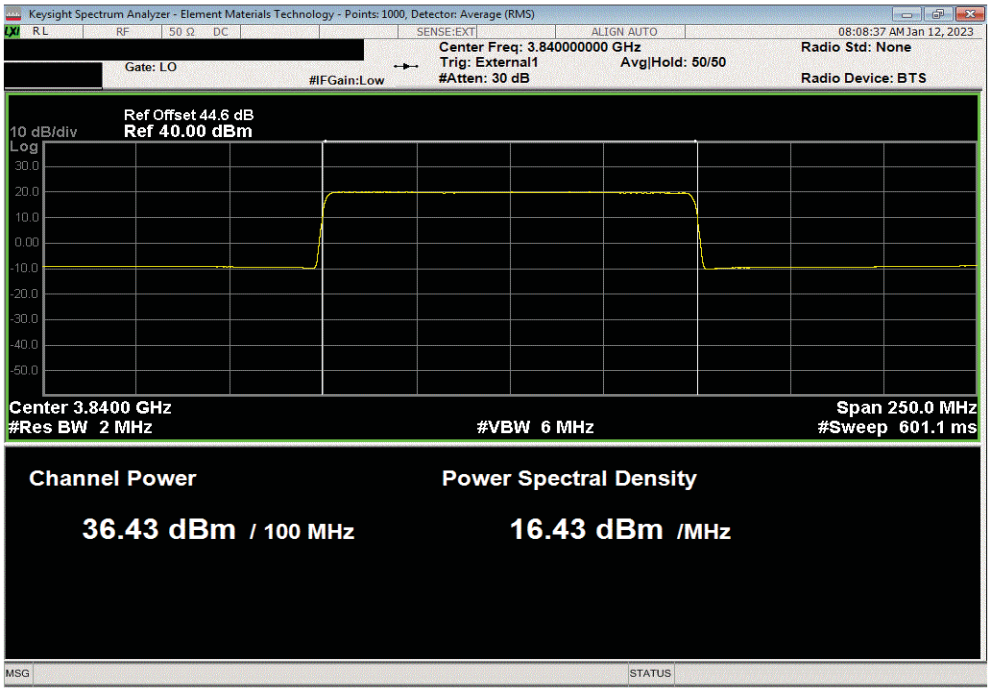


Port 37, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.387	0	36.4	N/A	Within Tolerance	N/A

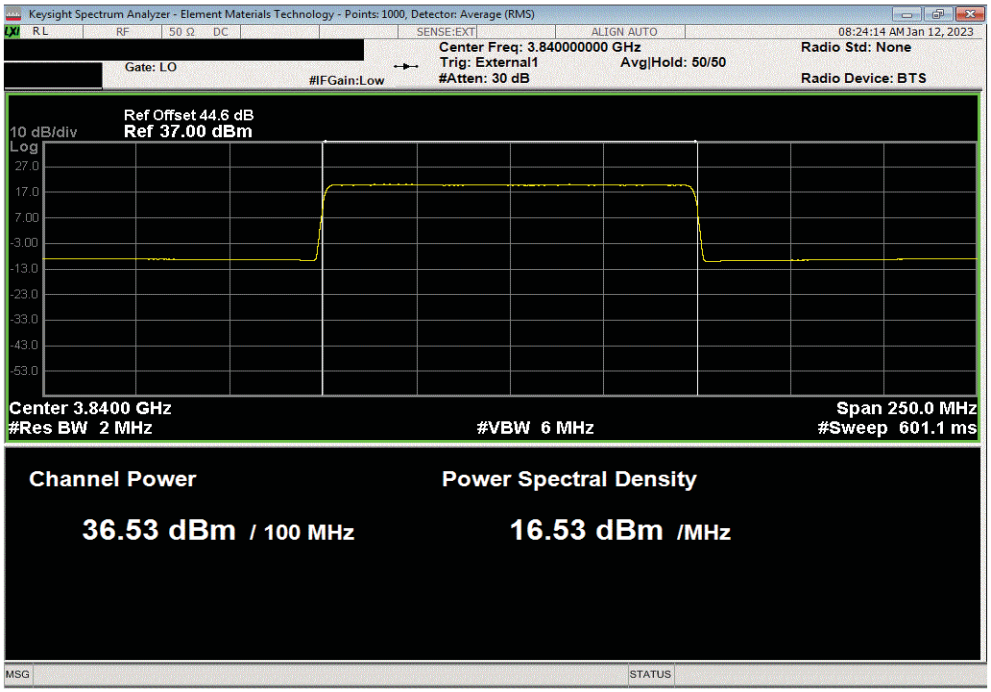


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 38, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.434	0	36.4	N/A	Within Tolerance	N/A

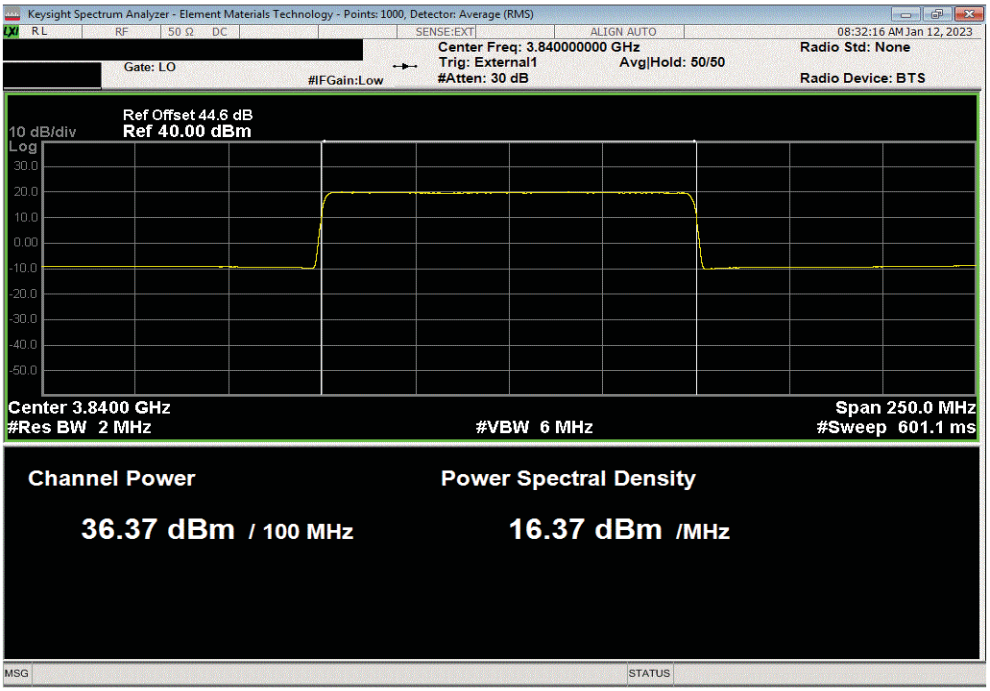


Port 39, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.534	0	36.5	N/A	Within Tolerance	N/A

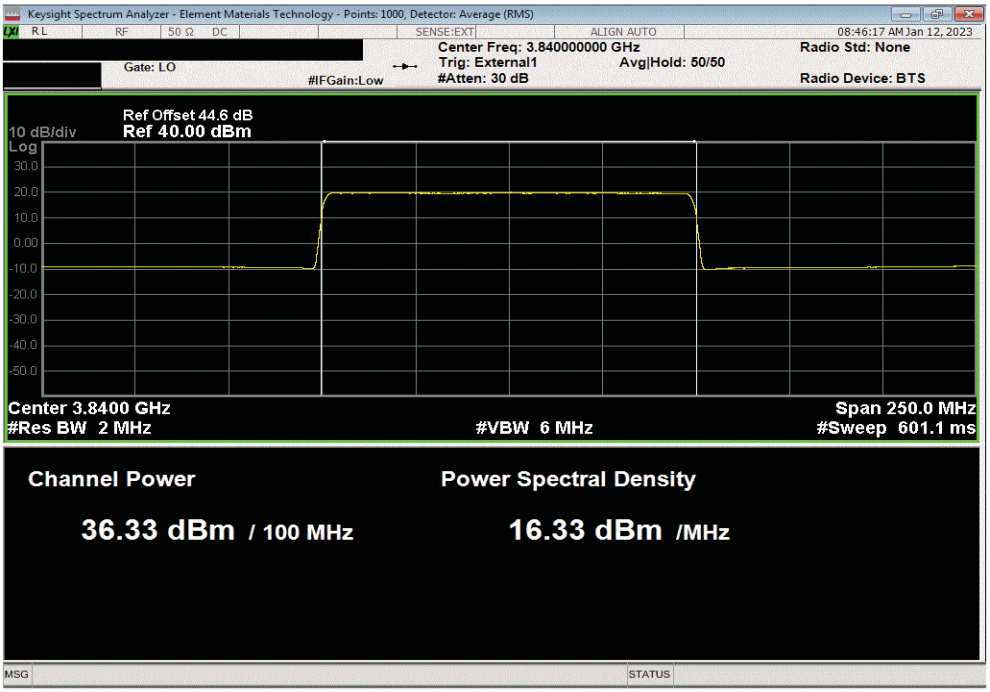


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 40, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.372	0	36.4	N/A	Within Tolerance	N/A



Port 41, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.331	0	36.3	N/A	Within Tolerance	N/A



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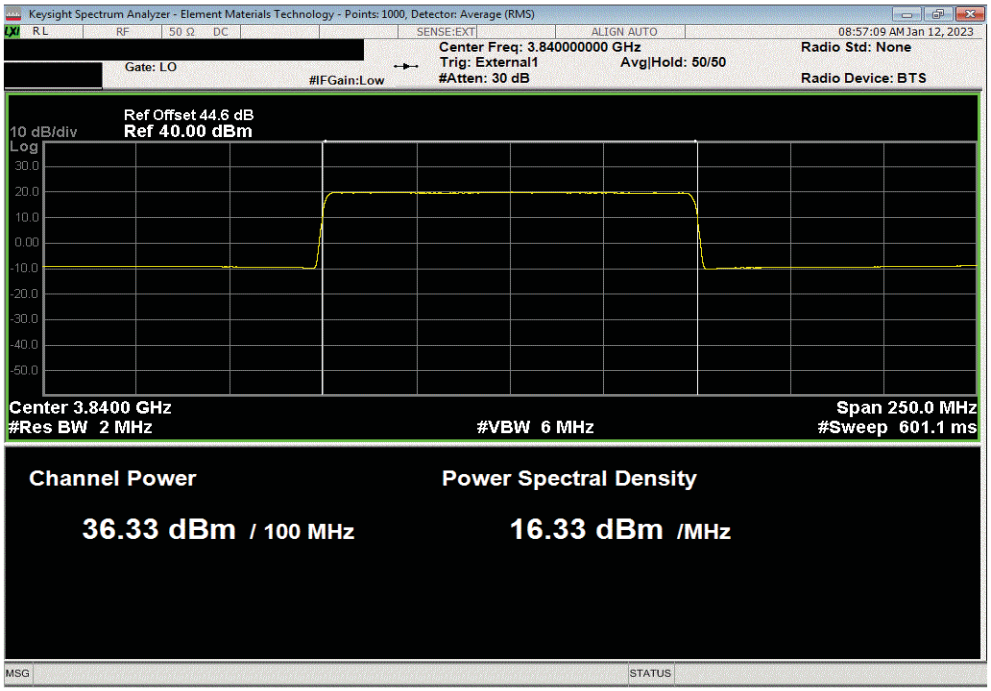
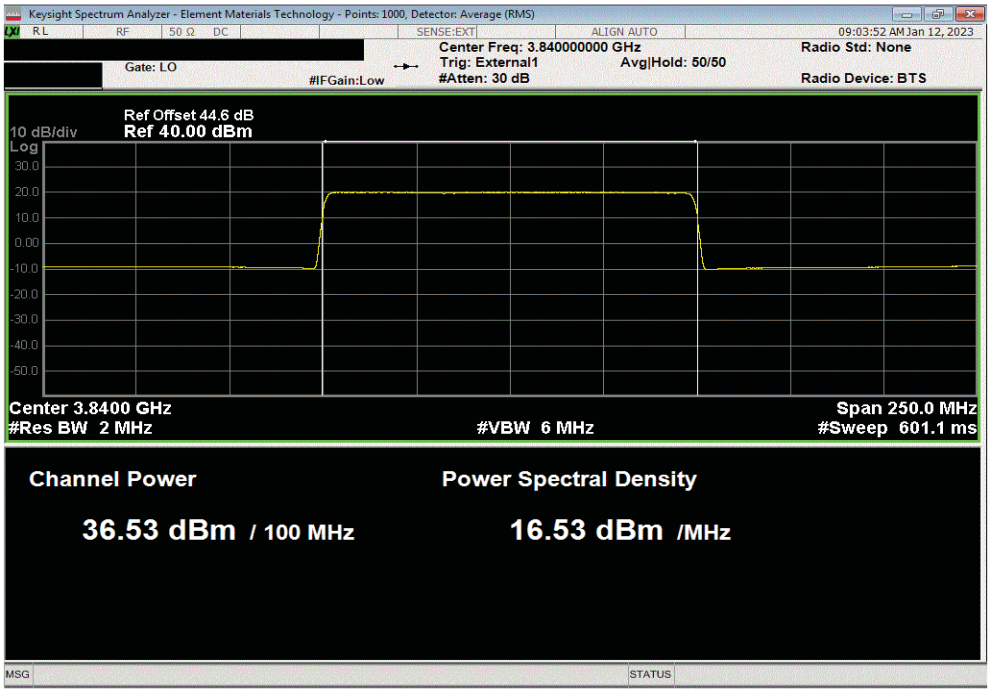
Port 42, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.328	0	36.3	N/A	Within Tolerance	N/A



Port 43, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.526	0	36.5	N/A	Within Tolerance	N/A



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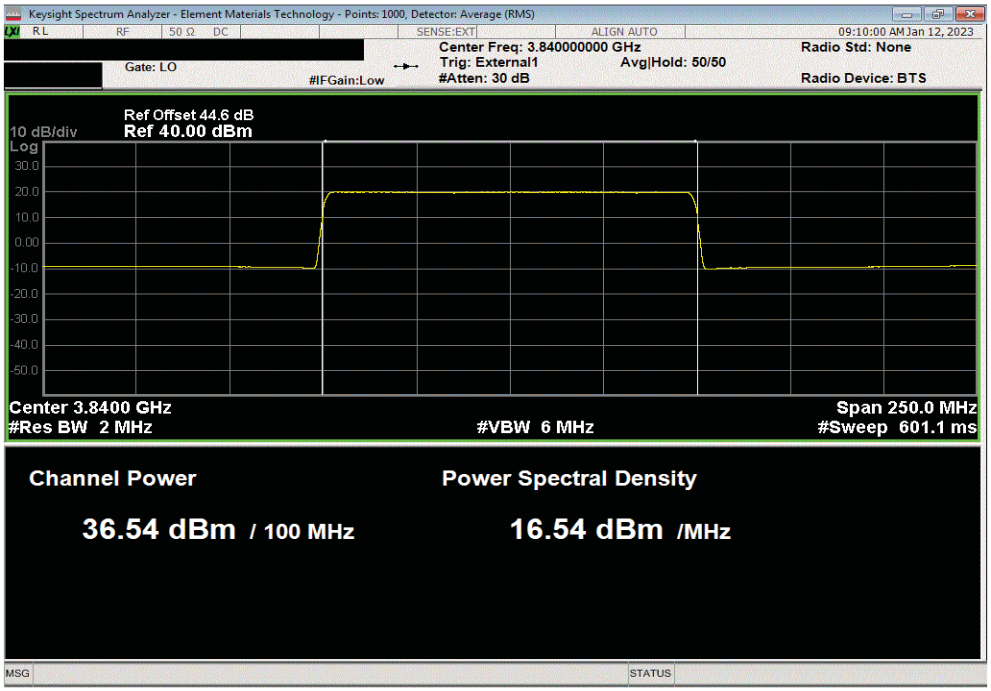
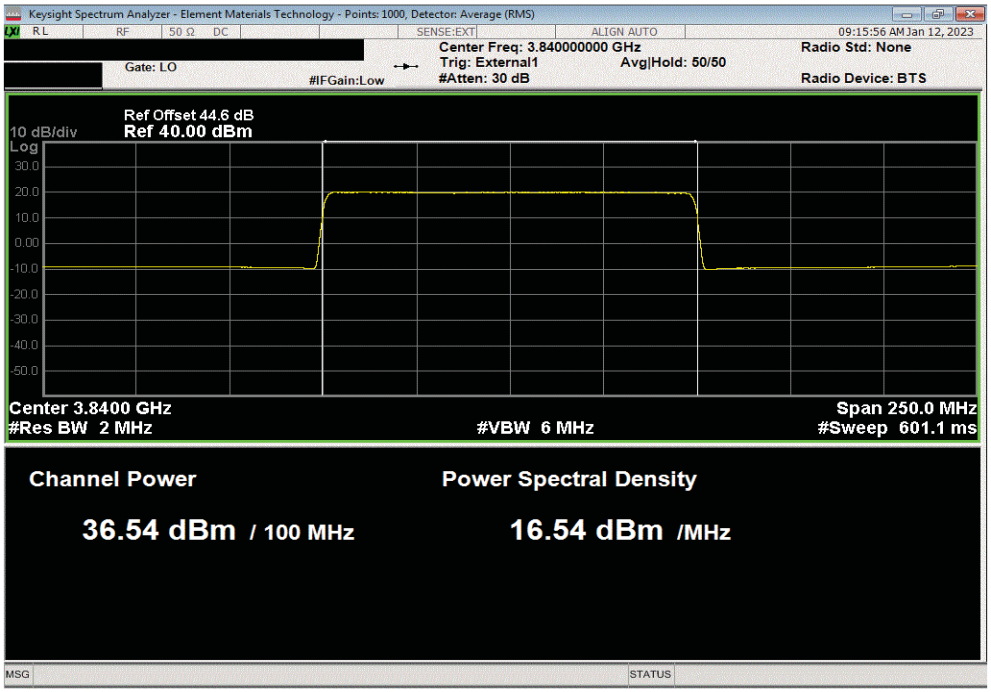
Port 44, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.536	0	36.5	N/A	Within Tolerance	N/A



Port 45, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.542	0	36.5	N/A	Within Tolerance	N/A



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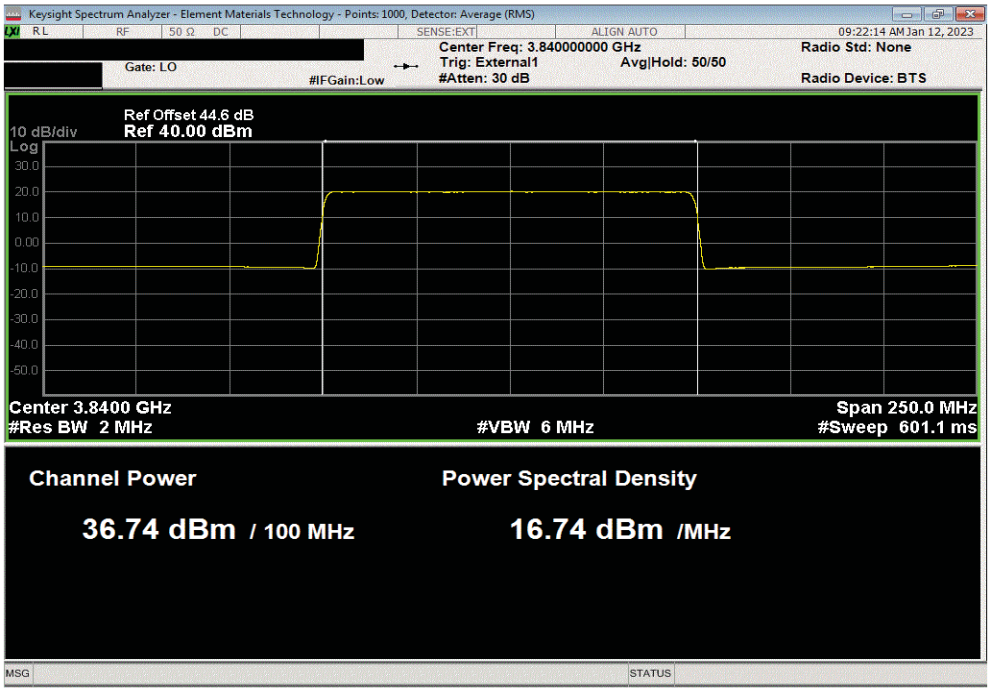
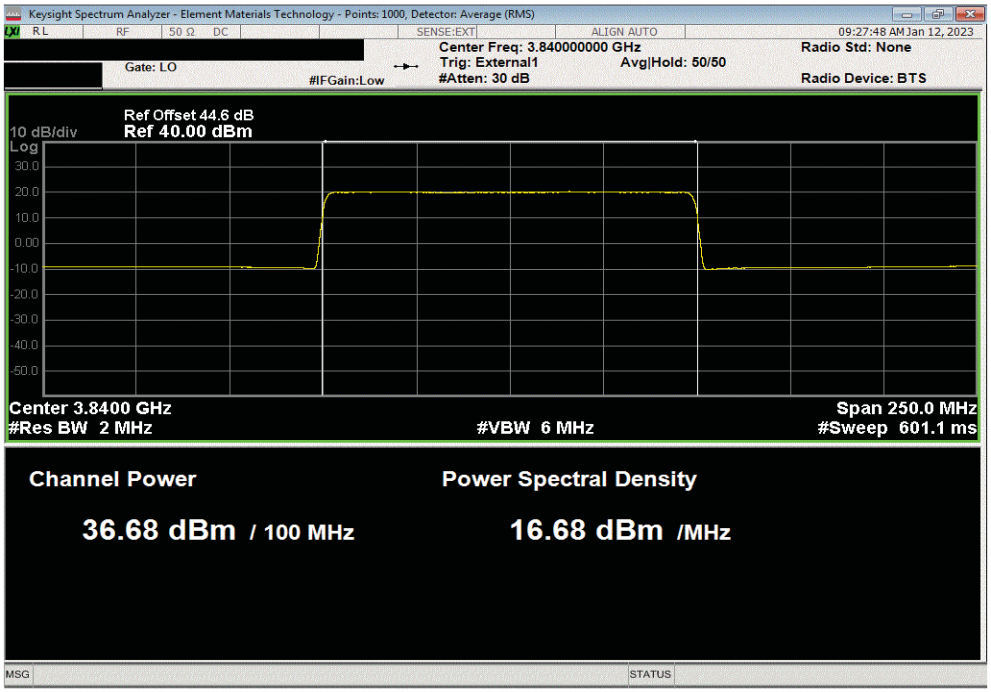
Port 46, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.737	0	36.7	N/A	Within Tolerance	N/A

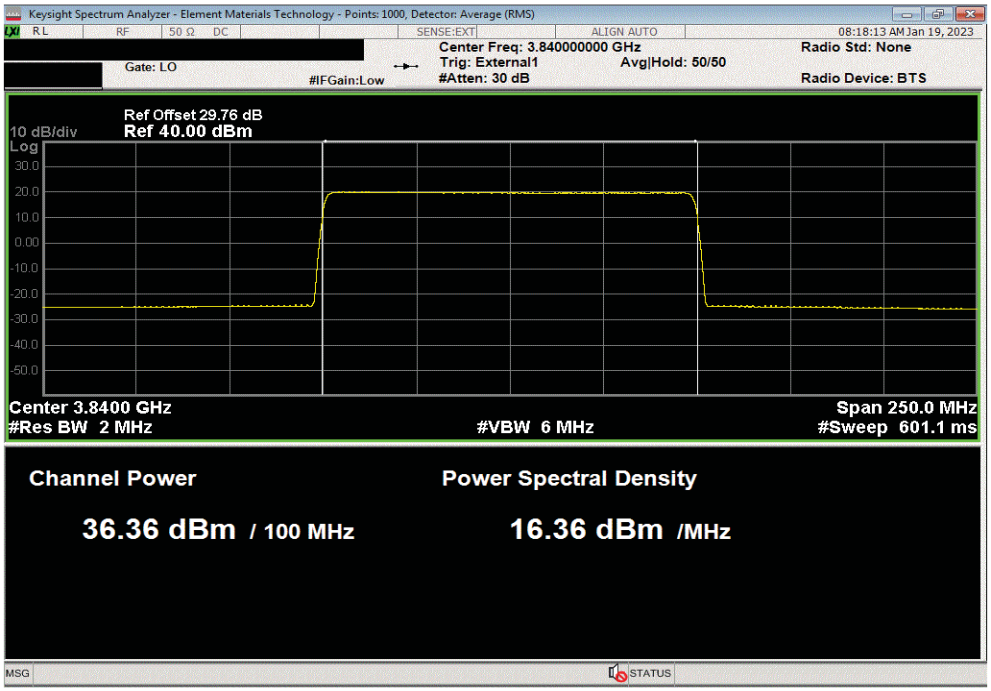


Port 47, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.683	0	36.7	N/A	Within Tolerance	N/A

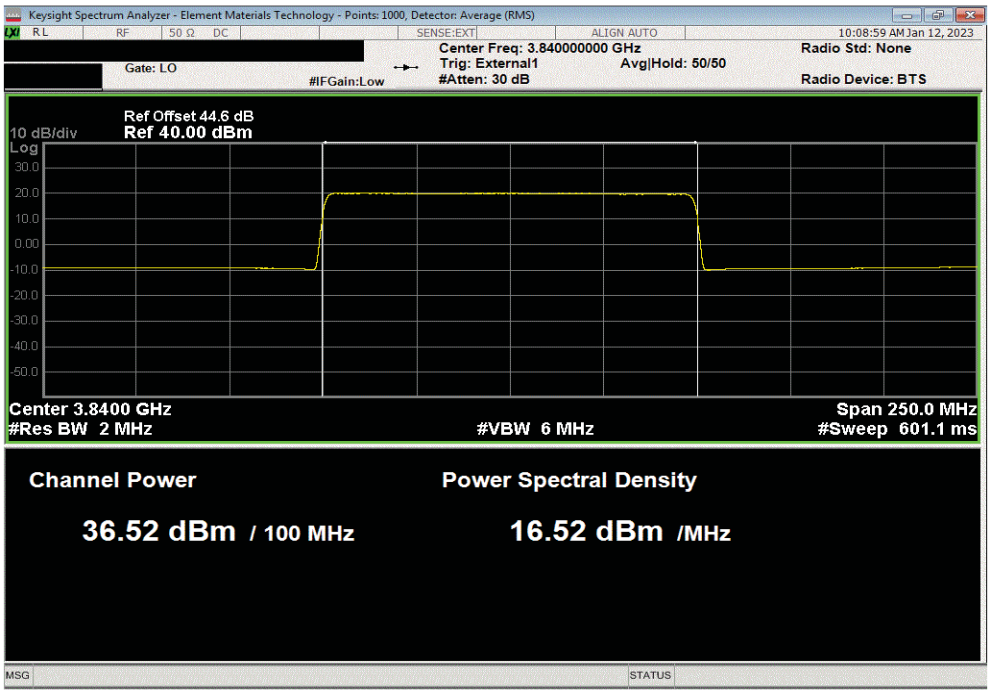


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 48, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.362	0	36.4	N/A	Within Tolerance	N/A

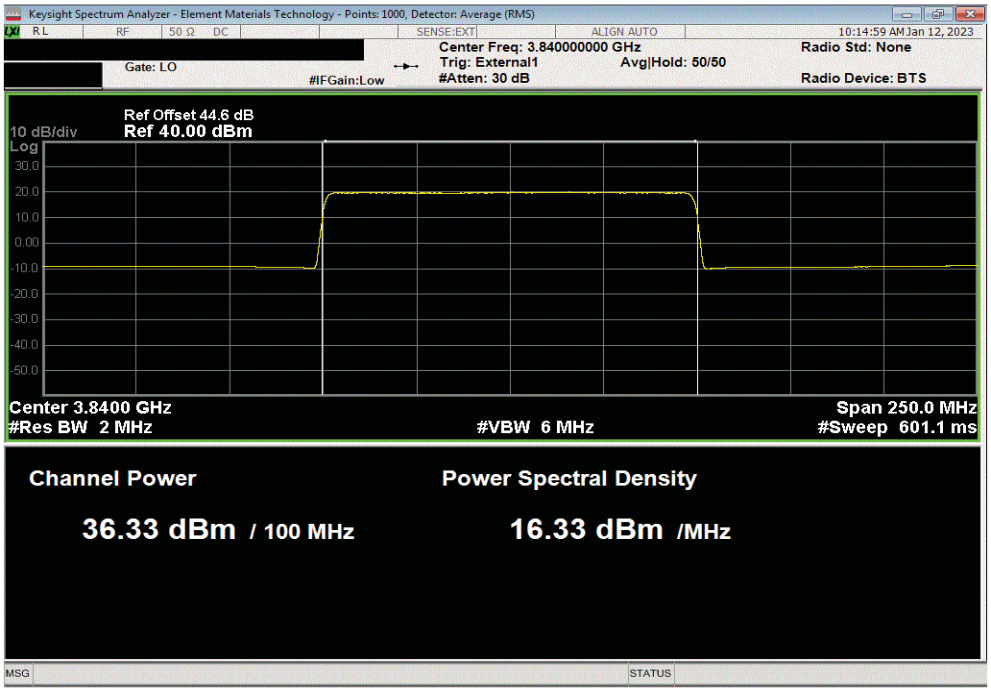


Port 49, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.524	0	36.5	N/A	Within Tolerance	N/A

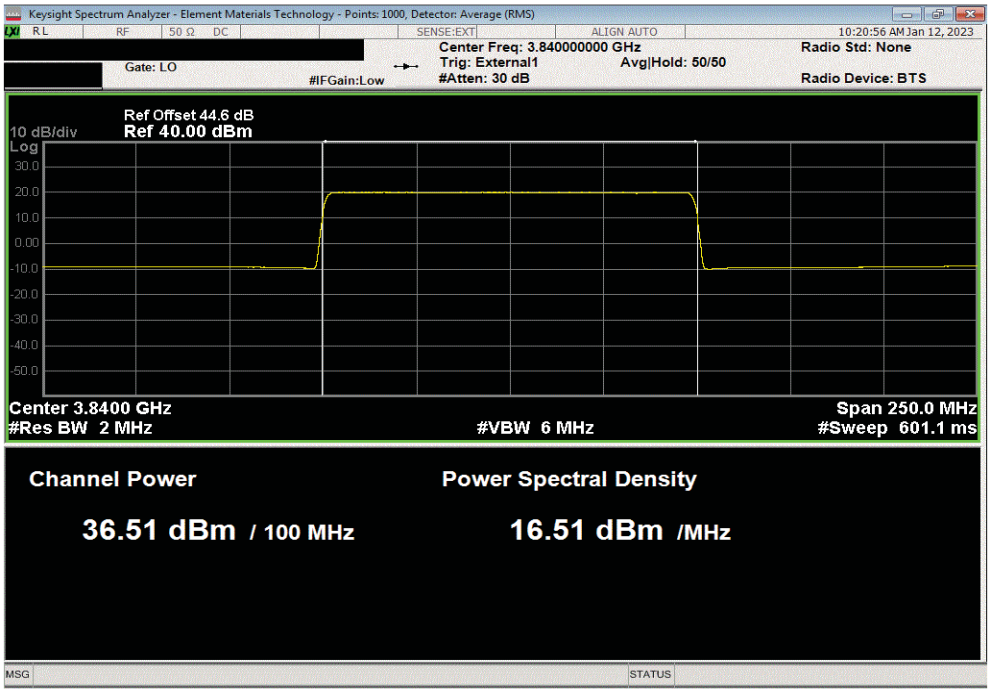


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 50, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.334	0	36.3	N/A	Within Tolerance	N/A

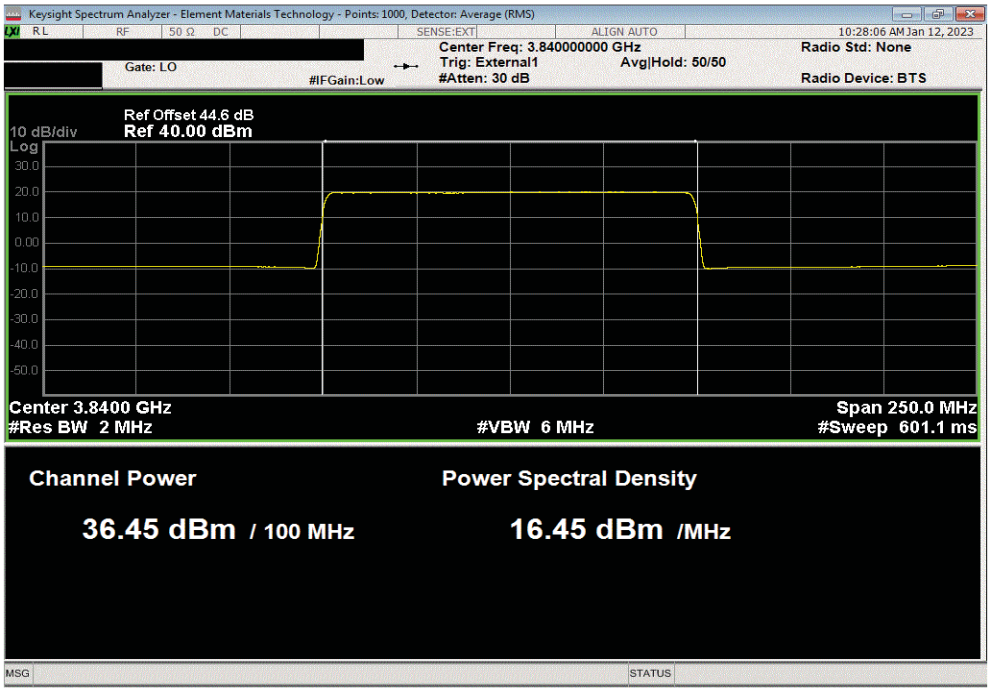


Port 51, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.514	0	36.5	N/A	Within Tolerance	N/A

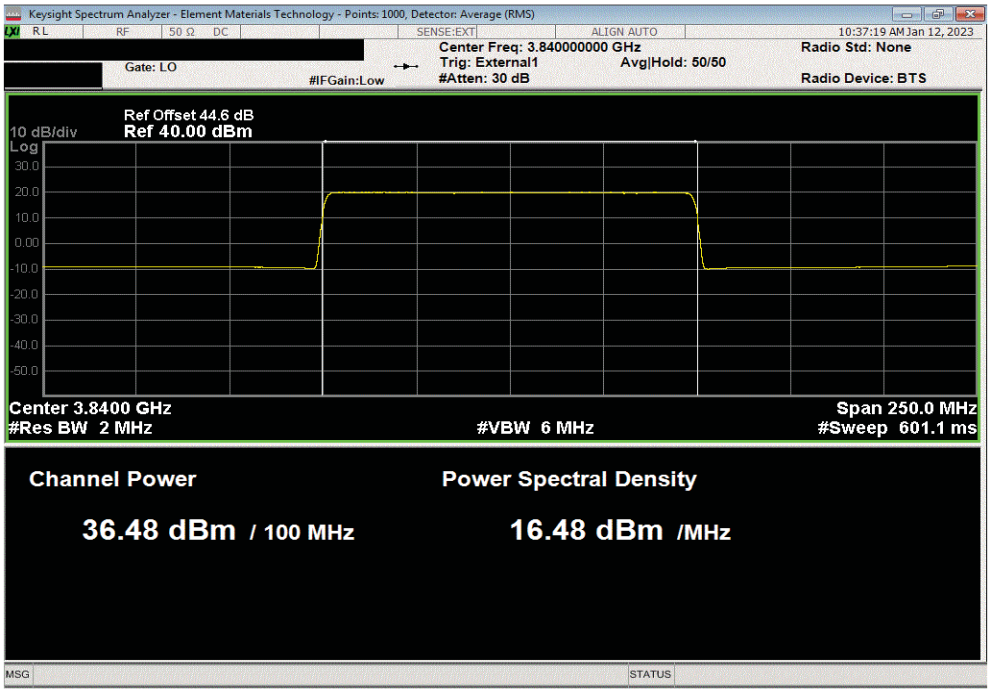


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 52, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.451	0	36.5	N/A	Within Tolerance	N/A

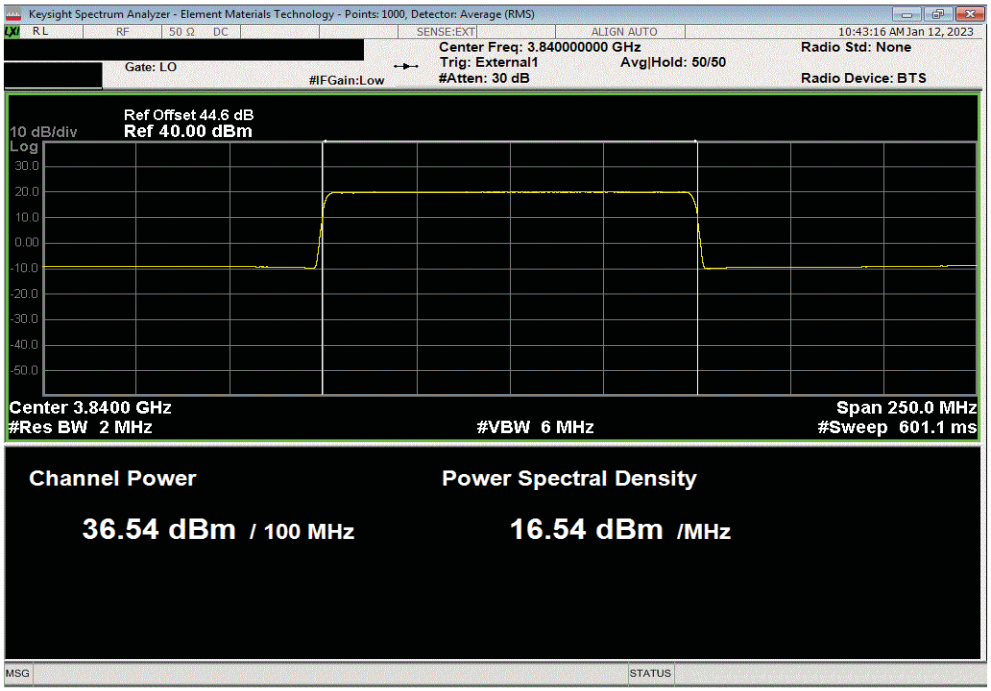


Port 53, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.48	0	36.5	N/A	Within Tolerance	N/A

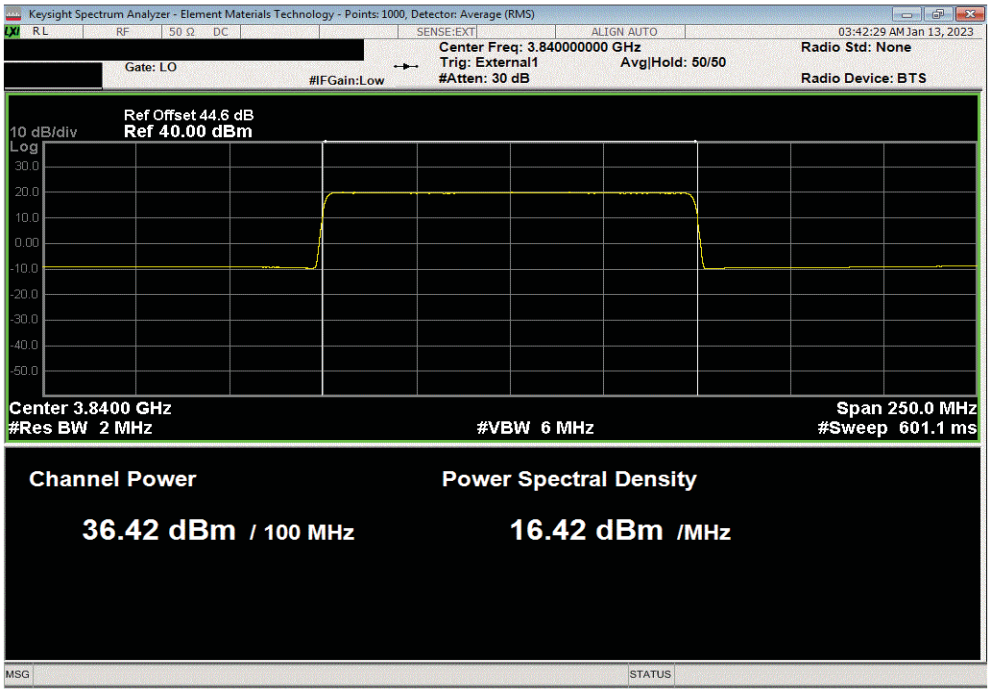


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 54, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.54	0	36.5	N/A	Within Tolerance	N/A



Port 55, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.418	0	36.4	N/A	Within Tolerance	N/A



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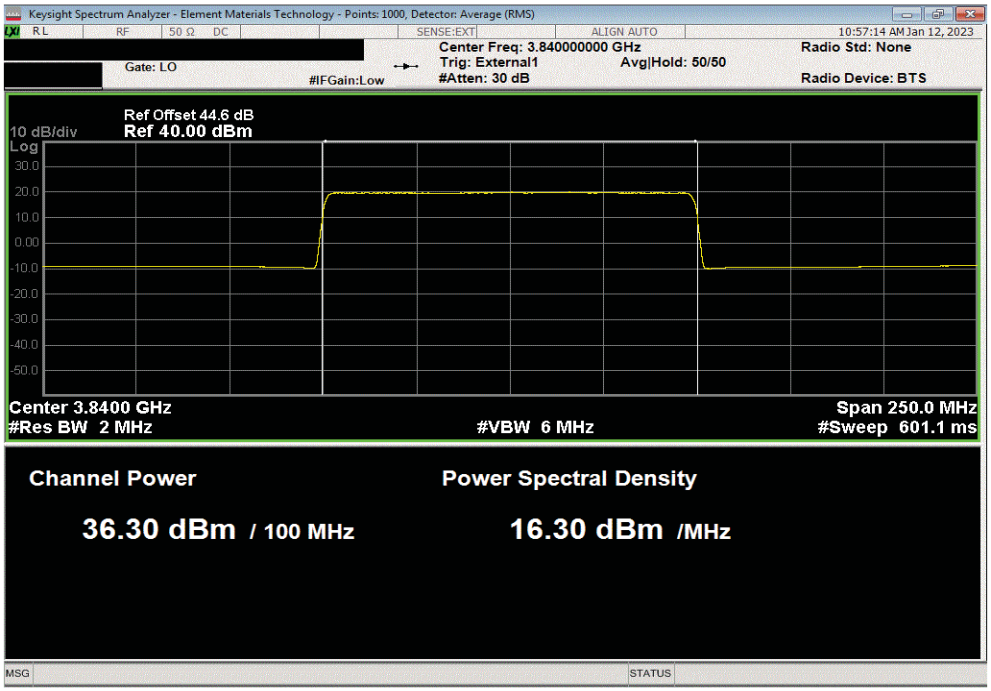
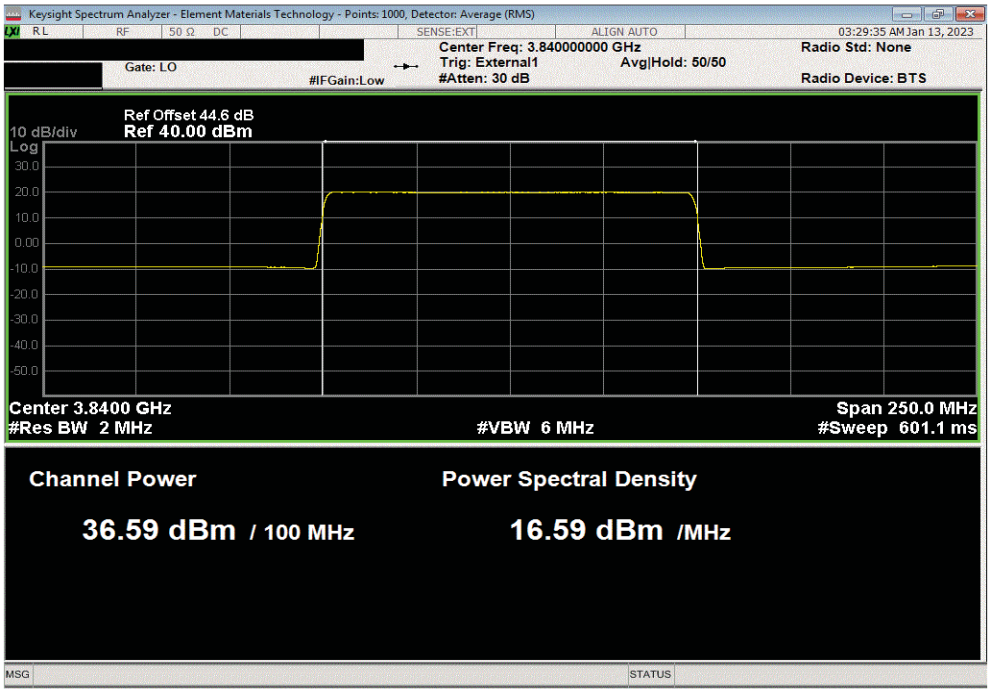
Port 56, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.3	0	36.3	N/A	Within Tolerance	N/A



Port 57, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.594	0	36.6	N/A	Within Tolerance	N/A



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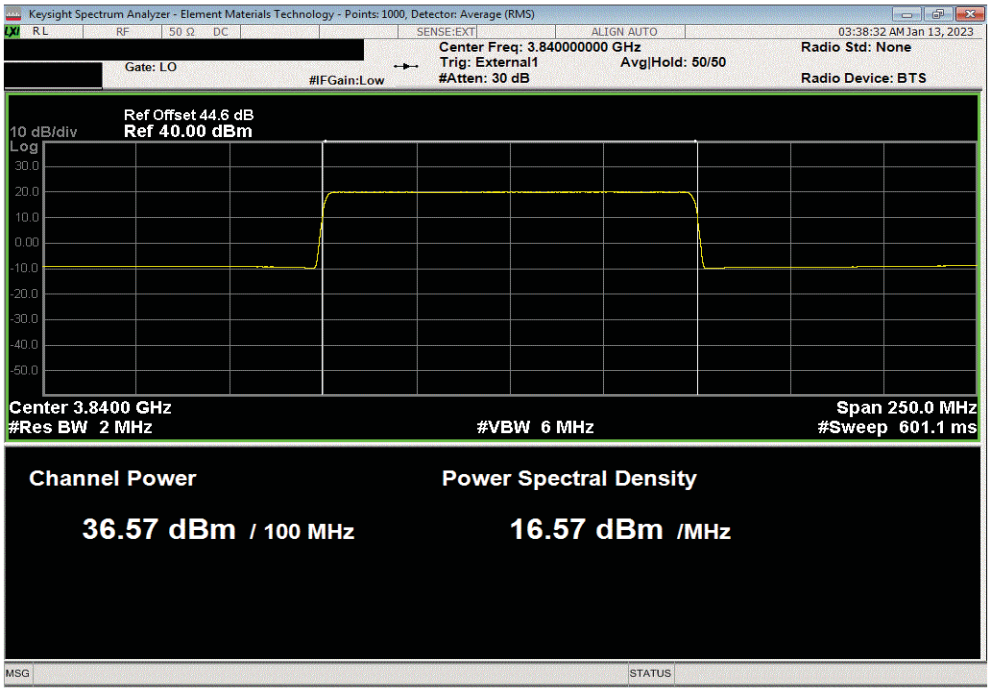
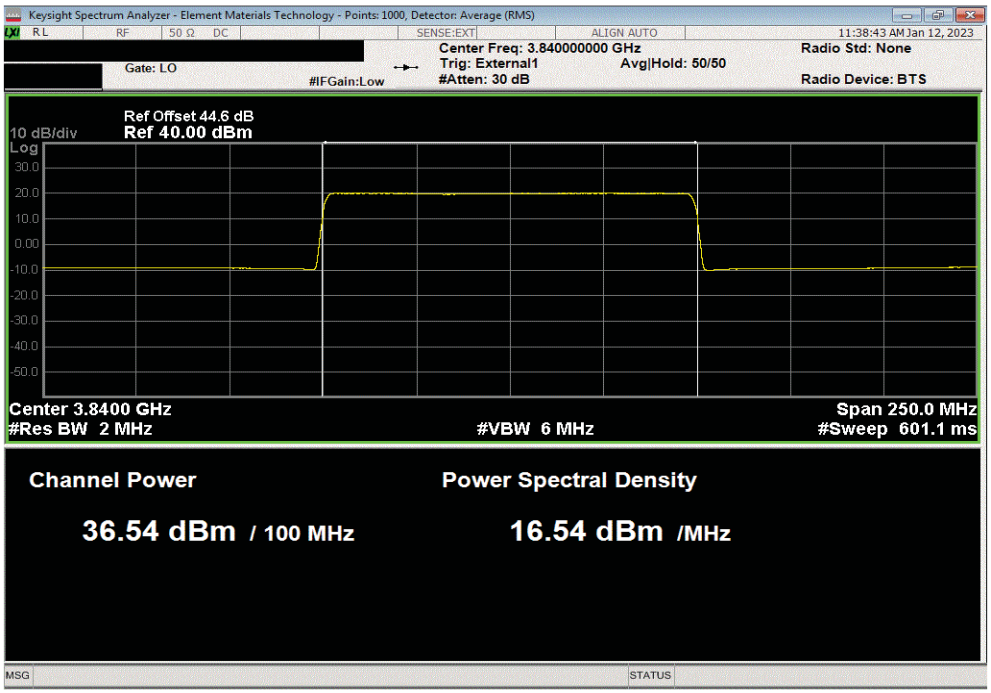
Port 58, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.567	0	36.6	N/A	Within Tolerance	N/A

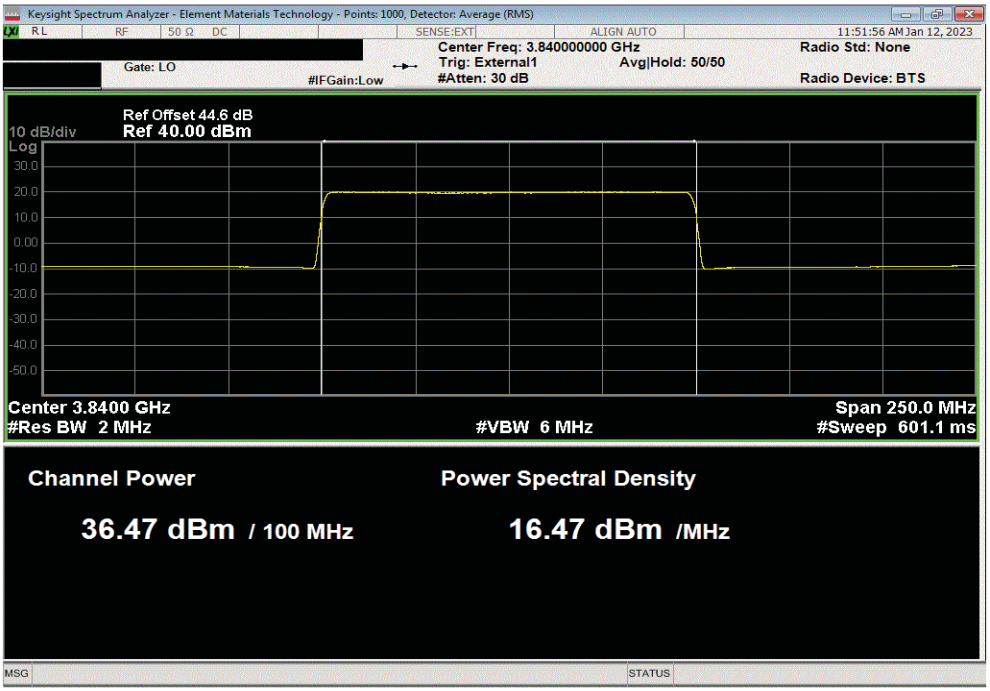


Port 59, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.544	0	36.5	N/A	Within Tolerance	N/A

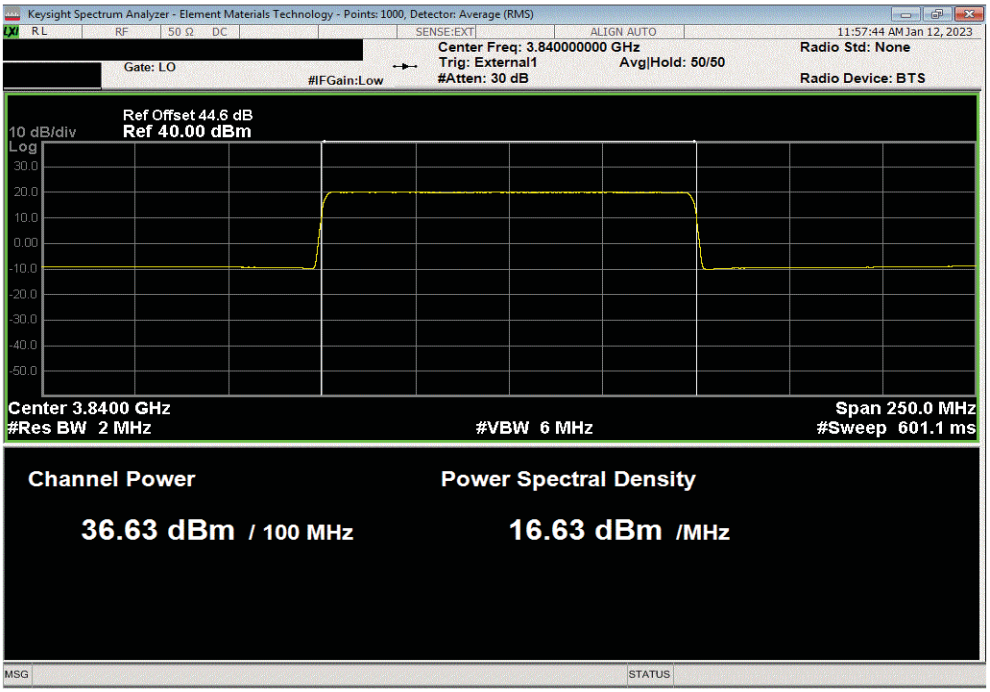


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 60, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.467	0	36.5	N/A	Within Tolerance	N/A

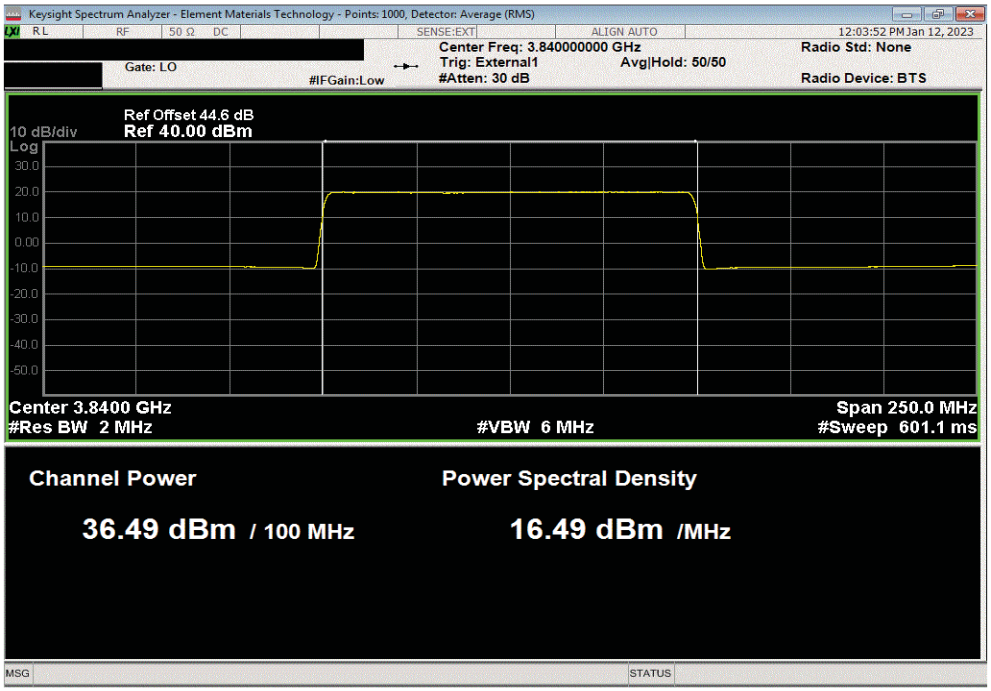


Port 61, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.633	0	36.6	N/A	Within Tolerance	N/A

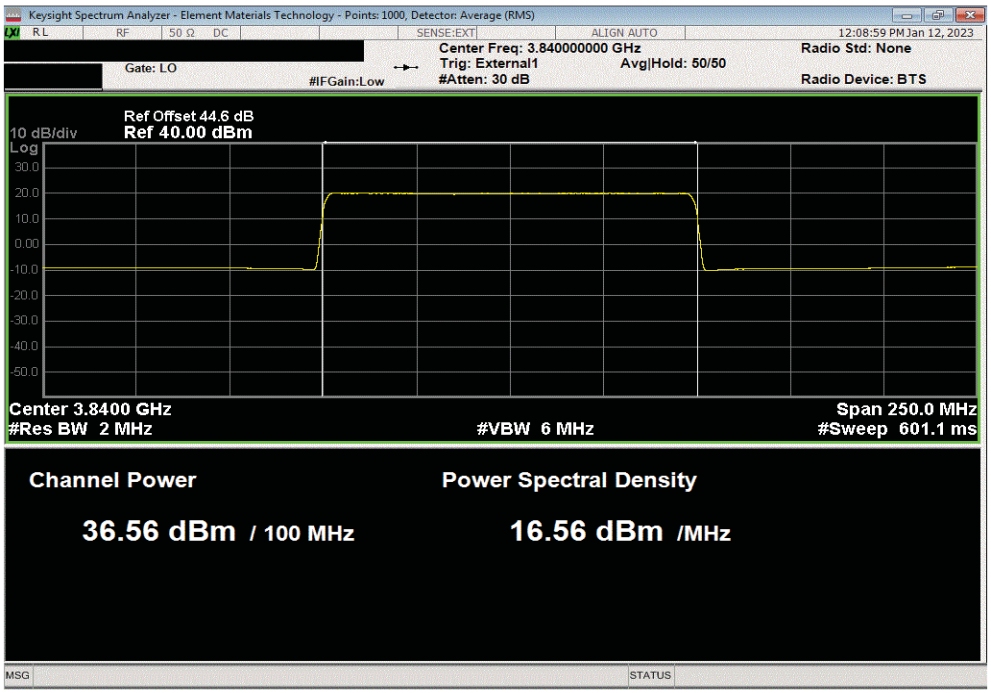


AVERAGE POWER - ALL PORTS SINGLE 3.7G

Port 62, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.491	0	36.5	N/A	Within Tolerance	N/A



Port 63, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	36.562	0	36.6	N/A	Within Tolerance	N/A



AVERAGE POWER - ALL PORTS SINGLE 3.7G

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TbtTx 2022.06.03.0 XM4 2022.02.07.0

All Ports, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	N/A	N/A	N/A	54.6	Within Tolerance	N/A

AVERAGE POWER PORT SUMMING

	PORT 0	PORT 1	PORT 2	PORT 3	SUM TOTAL
INITIAL VALUE (dBm)	36.7	36.7	36.7	36.7	N/A
INITIAL VALUE (Watts)	4.7	4.7	4.7	4.7	18.7
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.7
	PORT 4	PORT 5	PORT 6	PORT 7	SUM TOTAL
INITIAL VALUE (dBm)	36.4	36.5	36.5	36.4	N/A
INITIAL VALUE (Watts)	4.4	4.5	4.5	4.4	17.7
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5
	PORT 8	PORT 9	PORT 10	PORT 11	SUM TOTAL
INITIAL VALUE (dBm)	36.3	36.4	36.4	36.5	N/A
INITIAL VALUE (Watts)	4.3	4.4	4.4	4.5	17.5
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.4
	PORT 12	PORT 13	PORT 14	PORT 15	SUM TOTAL
INITIAL VALUE (dBm)	36.5	36.7	36.6	36.7	N/A
INITIAL VALUE (Watts)	4.5	4.7	4.6	4.7	18.4
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.6
	PORT 16	PORT 17	PORT 18	PORT 19	SUM TOTAL
INITIAL VALUE (dBm)	36.8	36.5	36.4	36.6	N/A
INITIAL VALUE (Watts)	4.8	4.5	4.4	4.6	18.2
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.6
	PORT 20	PORT 21	PORT 22	PORT 23	SUM TOTAL
INITIAL VALUE (dBm)	36.4	36.5	37.1	36.6	N/A
INITIAL VALUE (Watts)	4.4	4.5	5.1	4.6	18.5
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.7
	PORT 24	PORT 25	PORT 26	PORT 27	SUM TOTAL
INITIAL VALUE (dBm)	36.6	36.5	36.6	36.3	N/A
INITIAL VALUE (Watts)	4.6	4.5	4.6	4.3	17.9
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5
	PORT 28	PORT 29	PORT 30	PORT 31	SUM TOTAL
INITIAL VALUE (dBm)	36.3	36.5	36.4	36.3	N/A
INITIAL VALUE (Watts)	4.3	4.5	4.4	4.3	17.4
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.4

	PORT 32	PORT 33	PORT 34	PORT 35	SUM TOTAL	All Ports SUM
INITIAL VALUE (dBm)	36.6	36.7	36.6	36.5	N/A	
INITIAL VALUE (Watts)	4.6	4.7	4.6	4.5	18.3	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.6	
	PORT 36	PORT 37	PORT 38	PORT 39	SUM TOTAL	
INITIAL VALUE (dBm)	36.4	36.4	36.4	36.5	N/A	
INITIAL VALUE (Watts)	4.4	4.4	4.4	4.5	17.6	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.4	
	PORT 40	PORT 41	PORT 42	PORT 43	SUM TOTAL	
INITIAL VALUE (dBm)	36.4	36.3	36.3	36.5	N/A	
INITIAL VALUE (Watts)	4.4	4.3	4.3	4.5	17.4	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.4	
	PORT 44	PORT 45	PORT 46	PORT 47	SUM TOTAL	
INITIAL VALUE (dBm)	36.5	36.5	36.7	36.7	N/A	
INITIAL VALUE (Watts)	4.5	4.5	4.7	4.7	18.3	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.6	
	PORT 48	PORT 49	PORT 50	PORT 51	SUM TOTAL	
INITIAL VALUE (dBm)	36.4	36.5	36.3	36.7	N/A	
INITIAL VALUE (Watts)	4.4	4.5	4.3	4.7	17.8	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5	
	PORT 52	PORT 53	PORT 54	PORT 55	SUM TOTAL	
INITIAL VALUE (dBm)	36.5	36.5	36.5	36.5	N/A	
INITIAL VALUE (Watts)	4.5	4.5	4.5	4.5	17.9	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5	
	PORT 56	PORT 57	PORT 58	PORT 59	SUM TOTAL	
INITIAL VALUE (dBm)	36.3	36.6	36.6	36.4	N/A	
INITIAL VALUE (Watts)	4.3	4.6	4.6	4.4	17.8	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5	
	PORT 60	PORT 61	PORT 62	PORT 63	SUM TOTAL	
INITIAL VALUE (dBm)	36.5	36.6	36.5	36.5	N/A	
INITIAL VALUE (Watts)	4.5	4.6	4.5	4.5	18.0	
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5	

Final Value (Watts)	287.1
Final Value (dBm)	54.6