

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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EUT:	AQQQA			Work Order:		NOKI0052				
Serial Number:	YK224300010			Date:		16-Jan-23				
Customer:	Nokia of America Corporation			Temperature:		22.2 °C				
Attendees:	John Rattanaavong, 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								

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

Port 38	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 39	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 40	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 41	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 42	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 43	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 44	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 45	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 46	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 47	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 48	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 49	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 50	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 51	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 52	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 53	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 54	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 55	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 56	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 57	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 58	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	

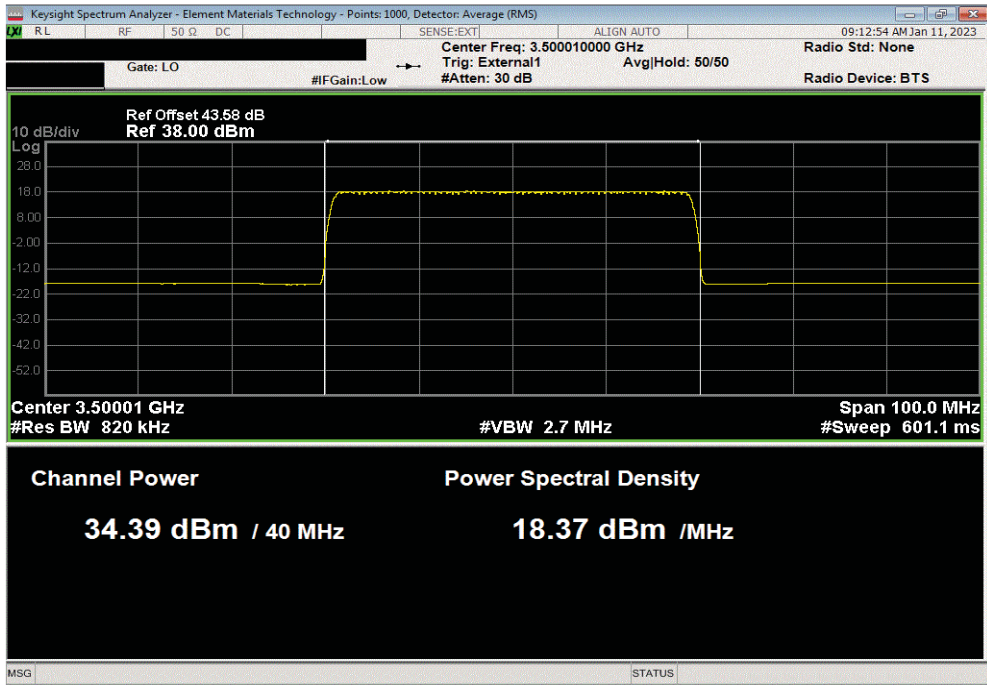
Port 59	Mid Channel, 3500.01 MHz			34.611	0	34.6	N/A	Within Tolerance	N/A
	Band n77, 3450 - 3550 MHz								
	40 MHz Bandwidth								
	256QAM Modulation								
Port 60	Mid Channel, 3500.01 MHz			34.609	0	34.6	N/A	Within Tolerance	N/A
	Band n77, 3450 - 3550 MHz								
	40 MHz Bandwidth								
	256QAM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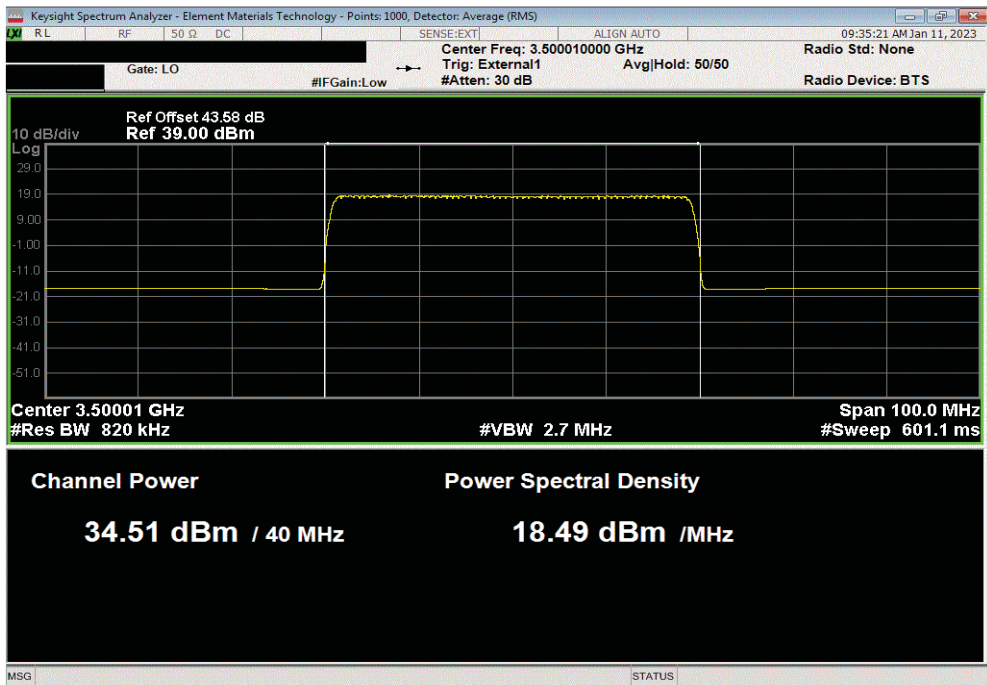


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Port 0, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.39	0	34.4	N/A	Within Tolerance	N/A	



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	

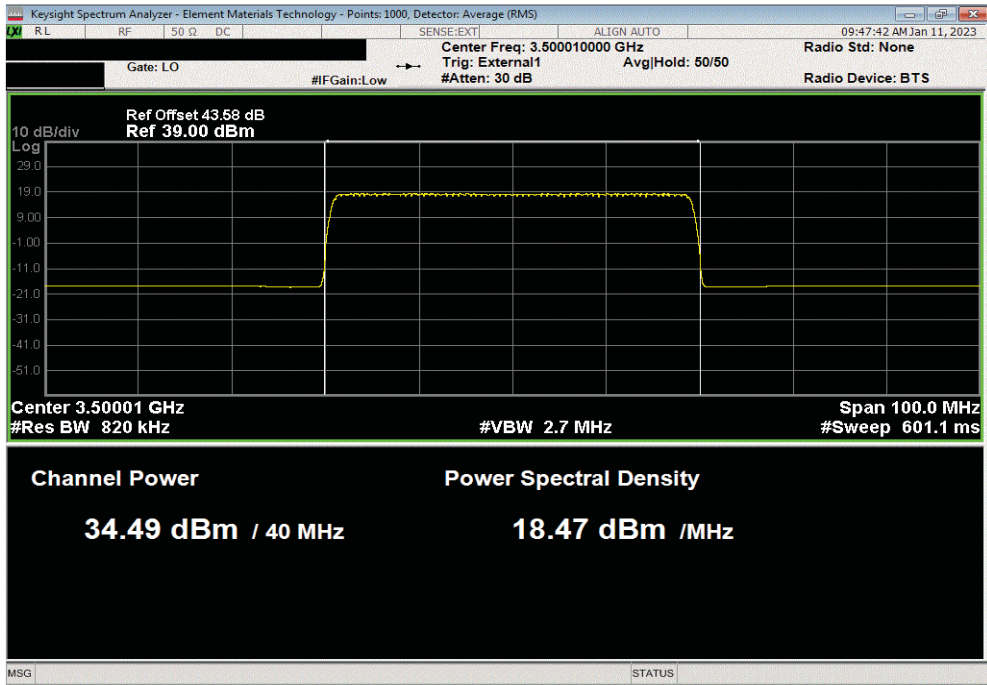


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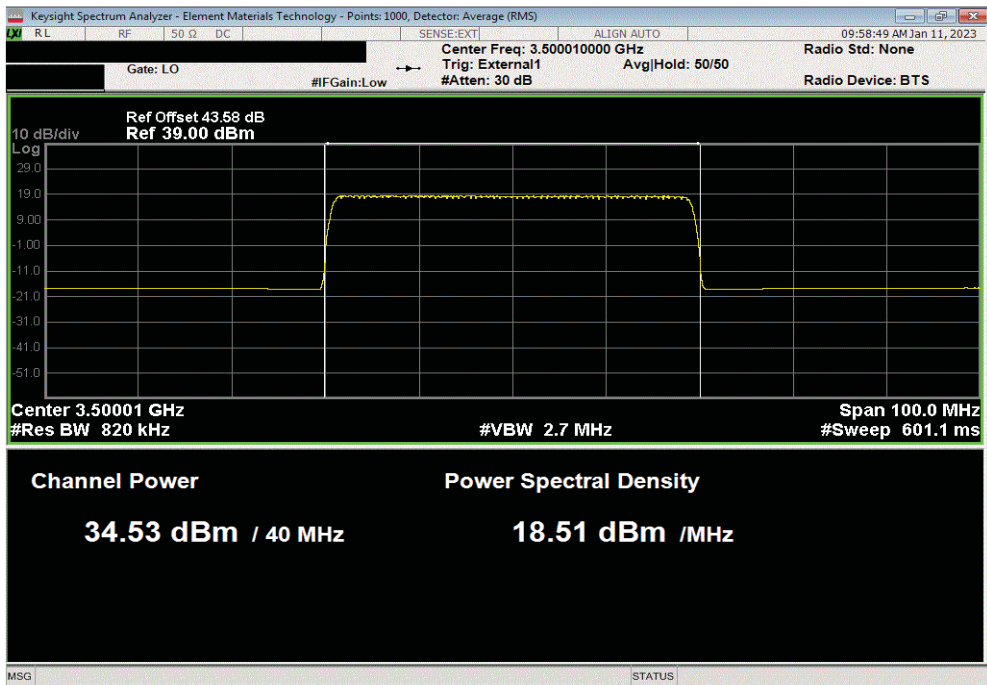


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Port 2, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.487	0	34.5	N/A	Within Tolerance	N/A	



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	

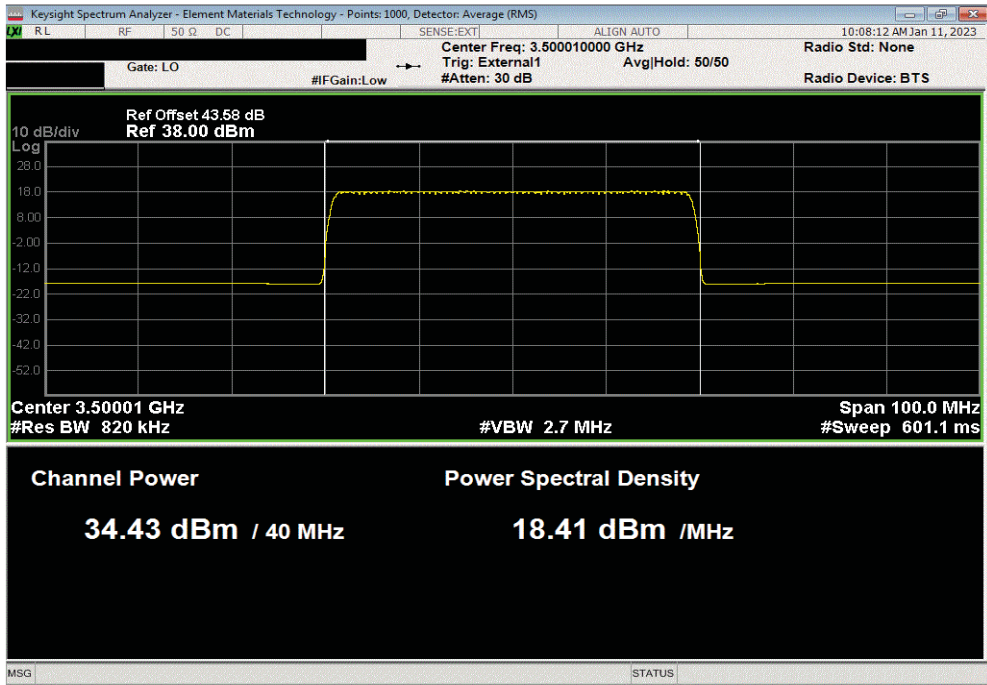


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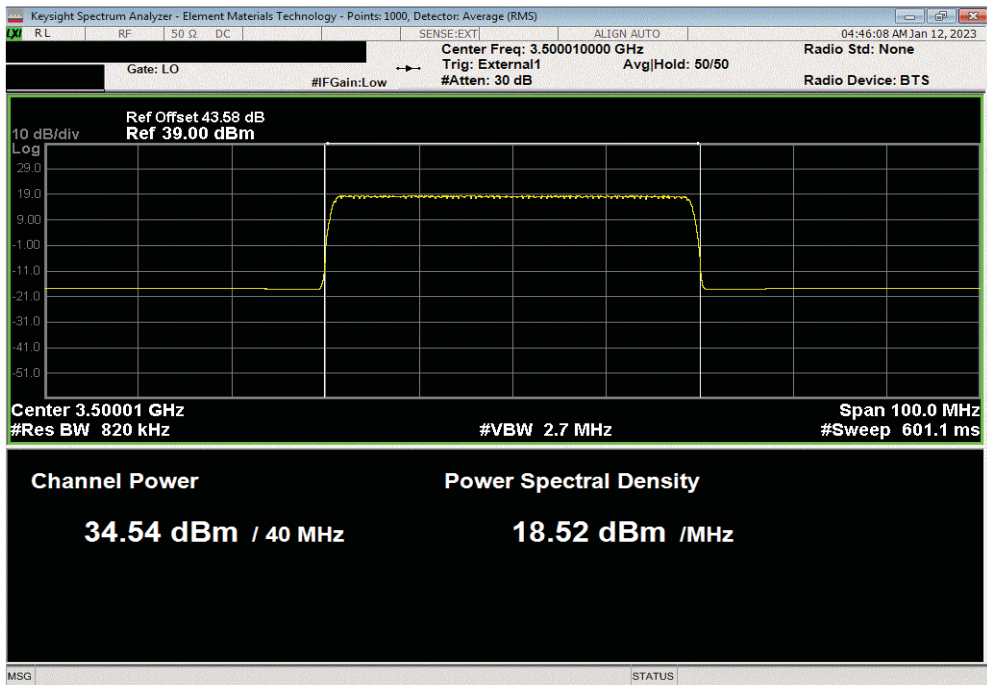


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Port 4, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.432	0	34.4	N/A	Within Tolerance	N/A	



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	

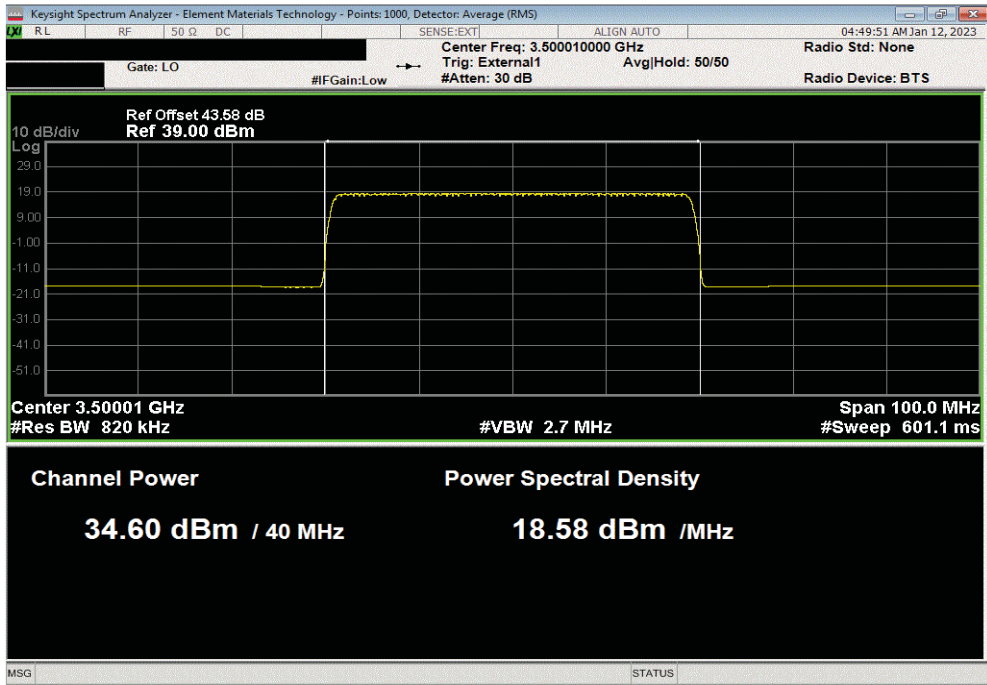


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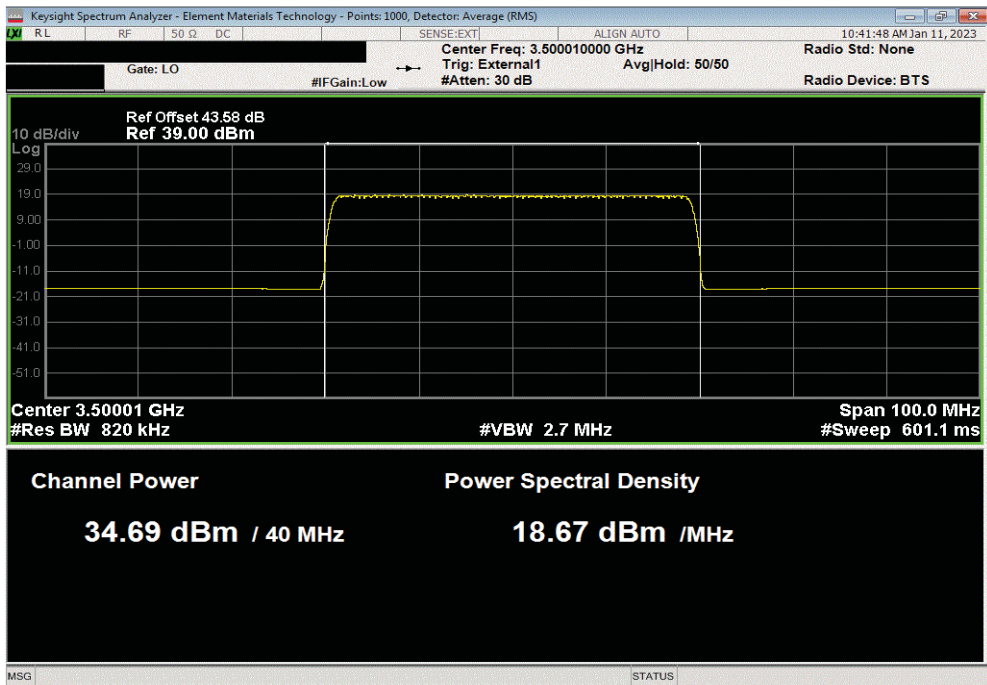


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Port 6, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.599	0	34.6	N/A	Within Tolerance	N/A	



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	

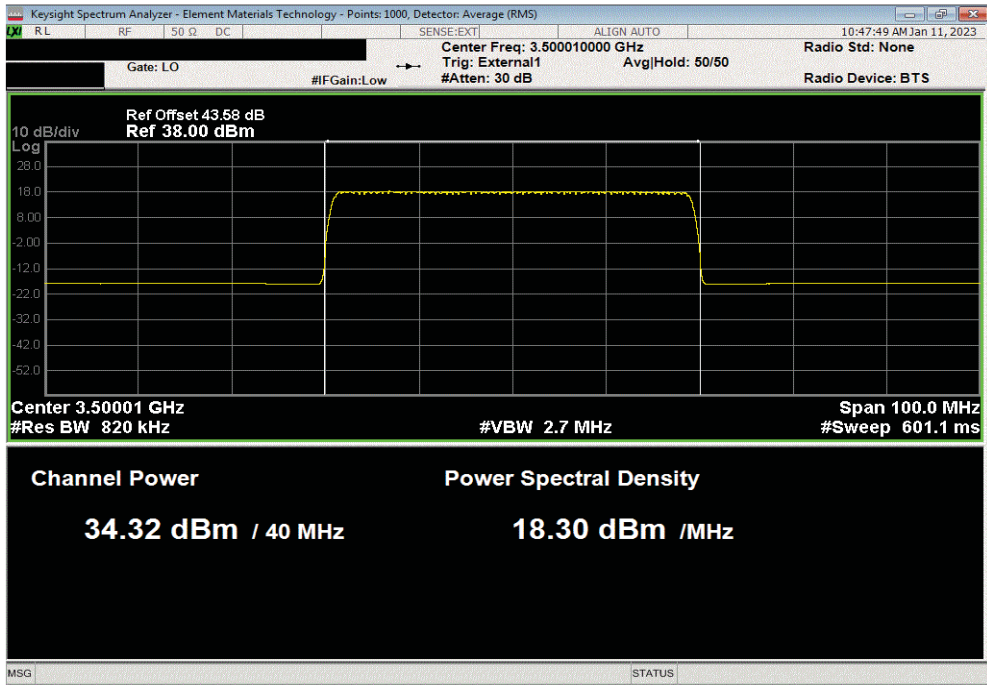


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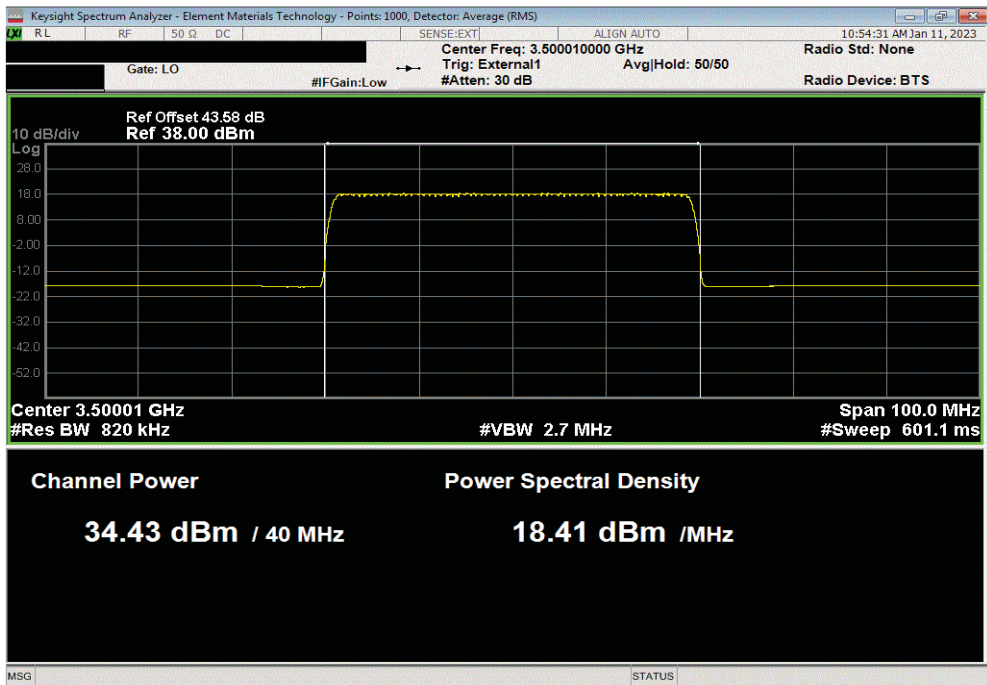


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Port 8, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.316	0	34.3	N/A	Within Tolerance	N/A	



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	

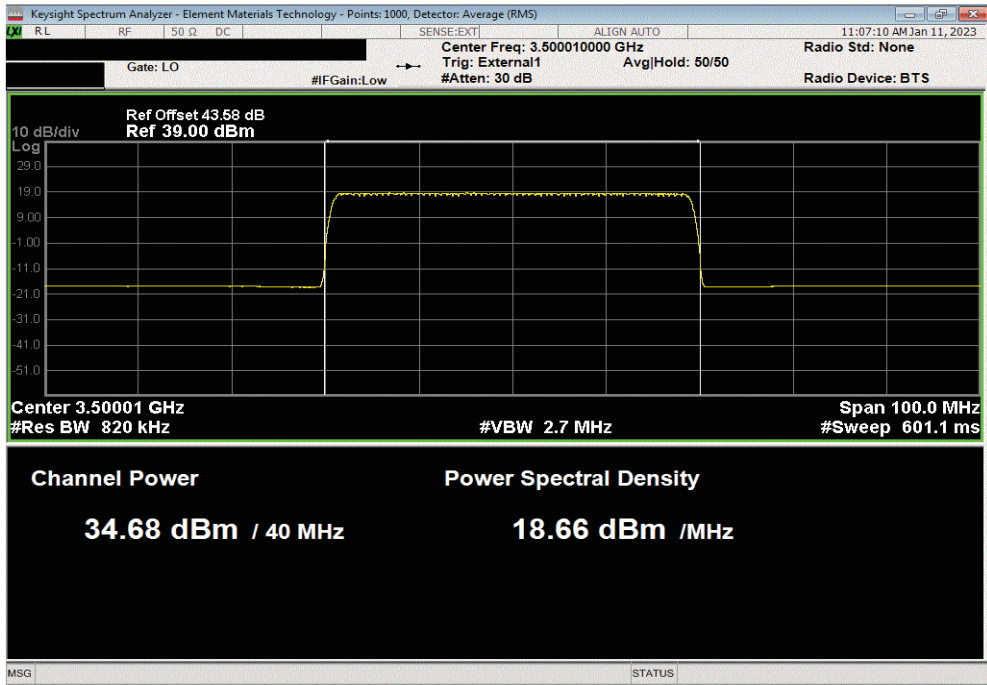


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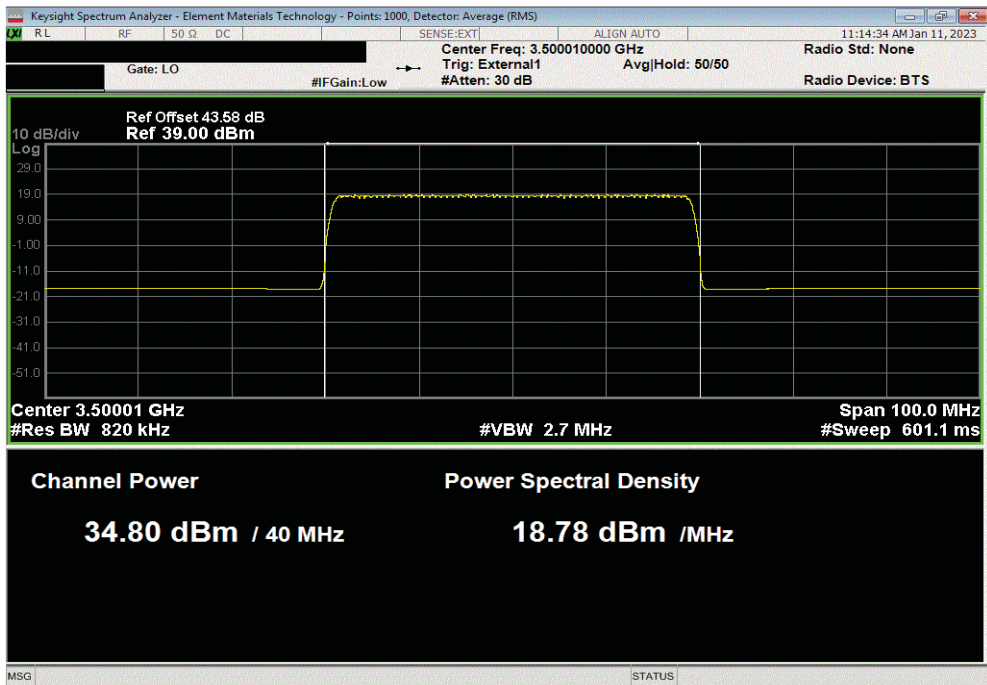


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Port 10, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.678	0	34.7	N/A	Within Tolerance	N/A	



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	

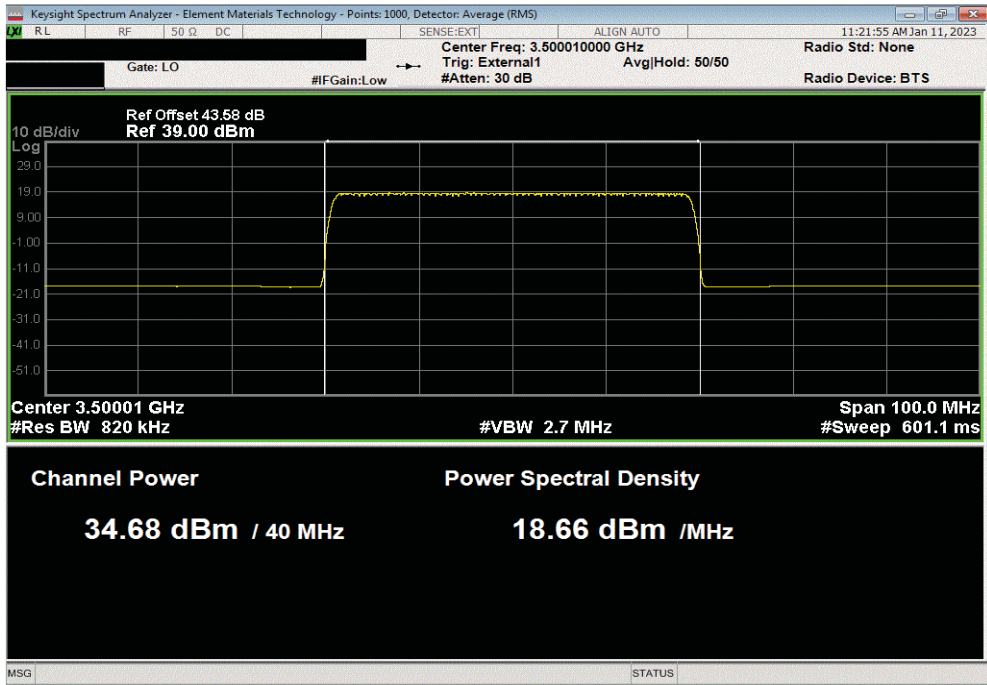


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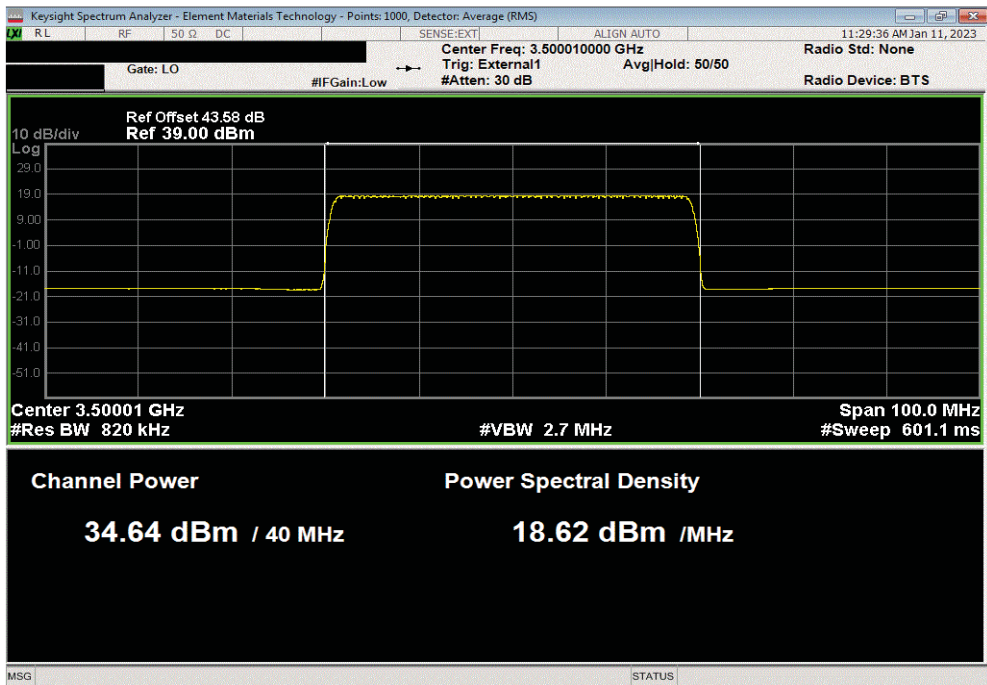


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Port 12, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
34.679	0	34.7	N/A	Within Tolerance	N/A	



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

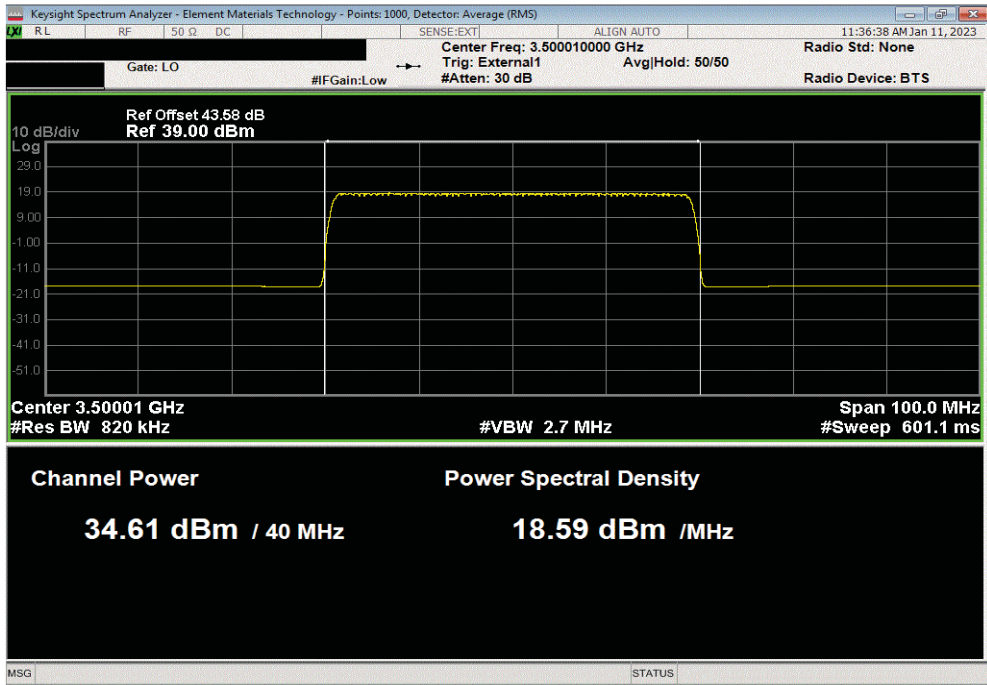


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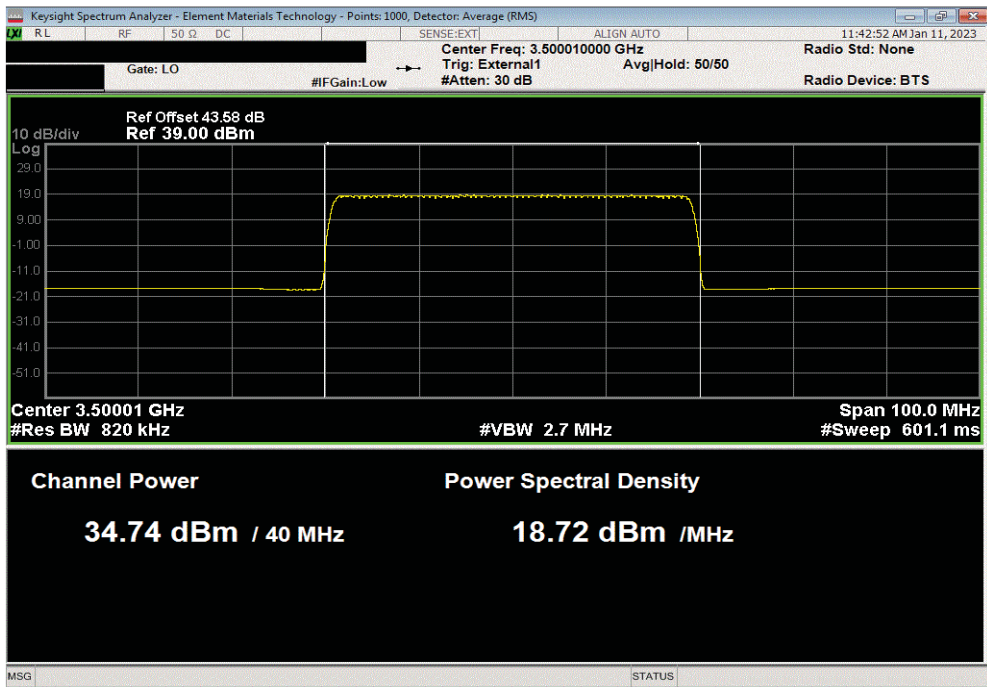


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Port 14, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.606	0	34.6	N/A	Within Tolerance	N/A	



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	

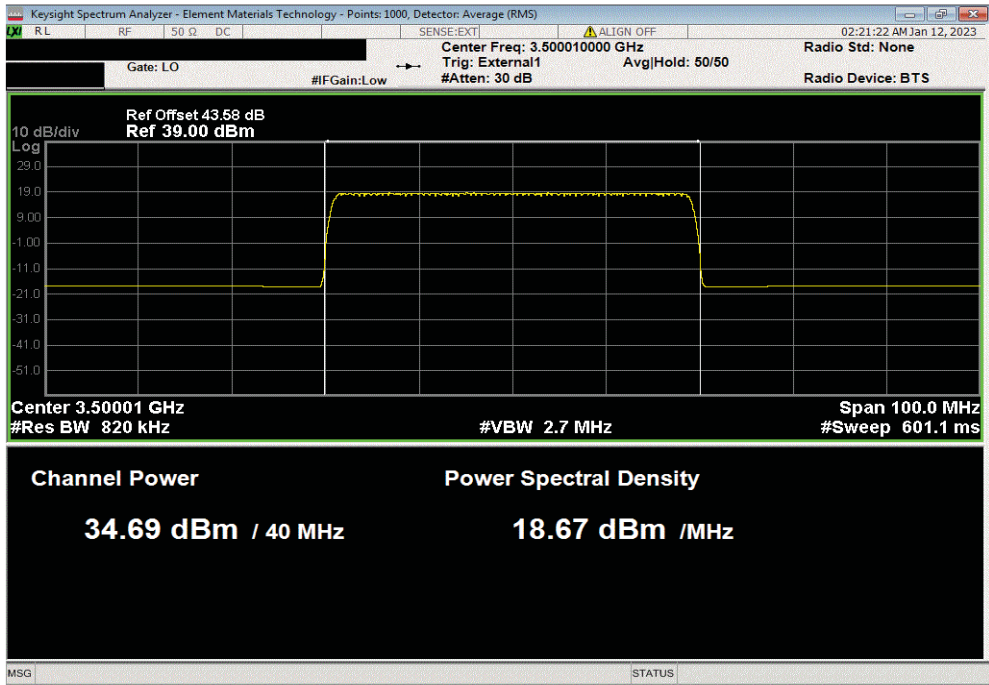


AVERAGE POWER - ALL PORTS SINGLE 3.45G

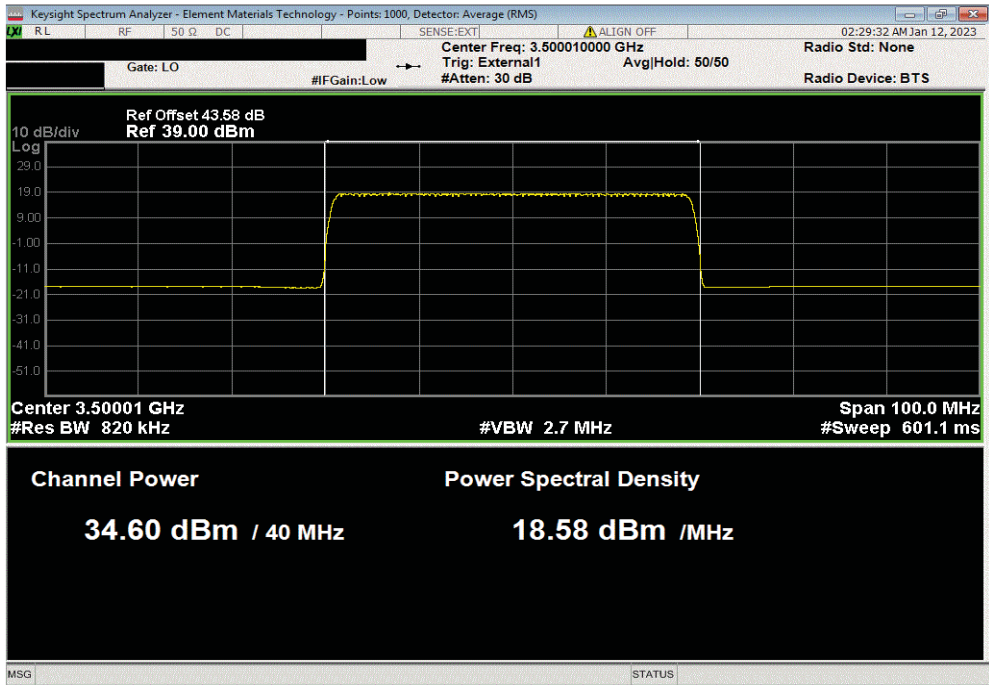


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Port 16, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.691	0	34.7	N/A	Within Tolerance	N/A	



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	

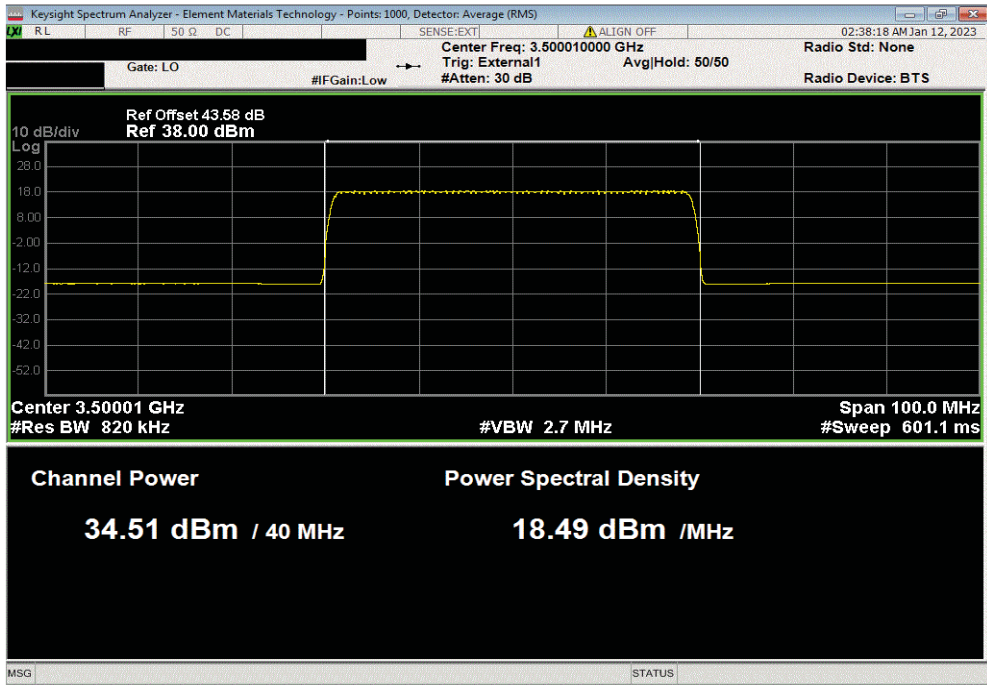


AVERAGE POWER - ALL PORTS SINGLE 3.45G

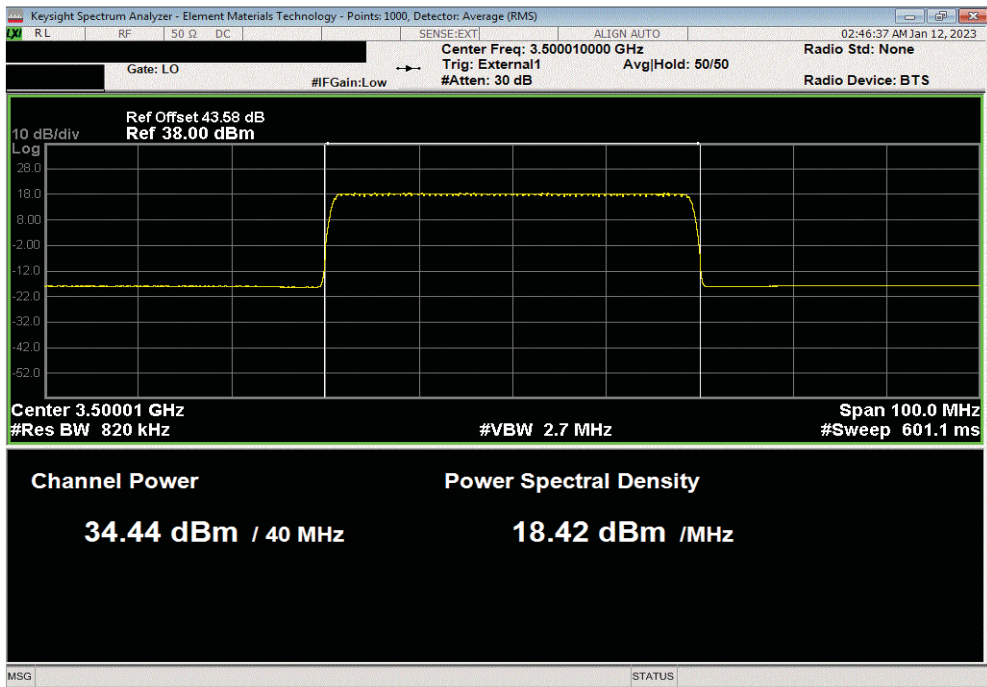


TMTx 2022.06.03.0 XMt 2022.02.07.0

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	

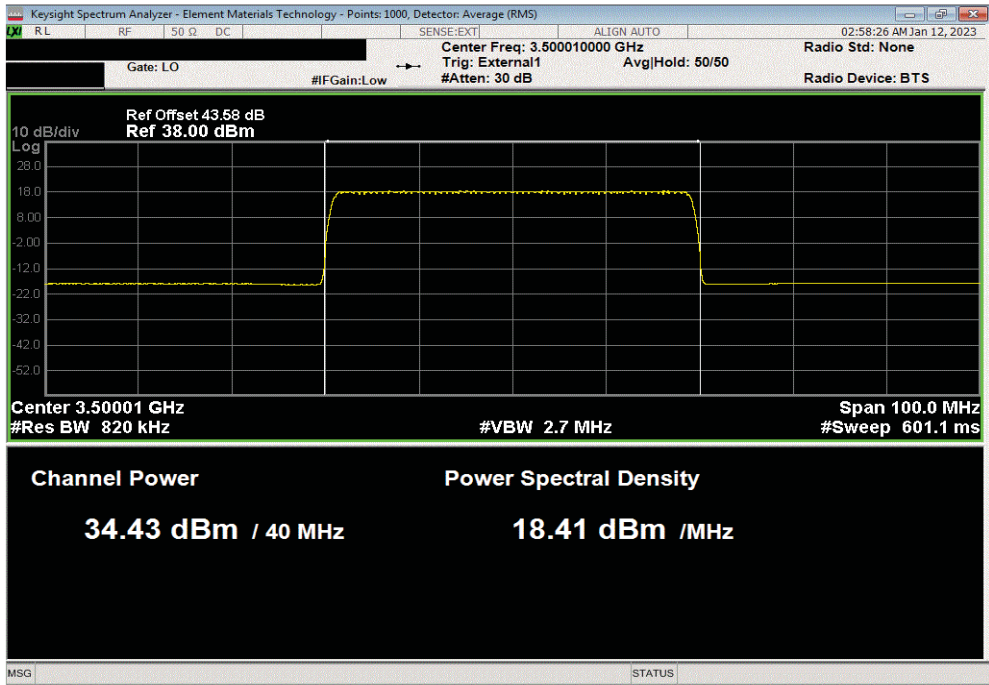


AVERAGE POWER - ALL PORTS SINGLE 3.45G

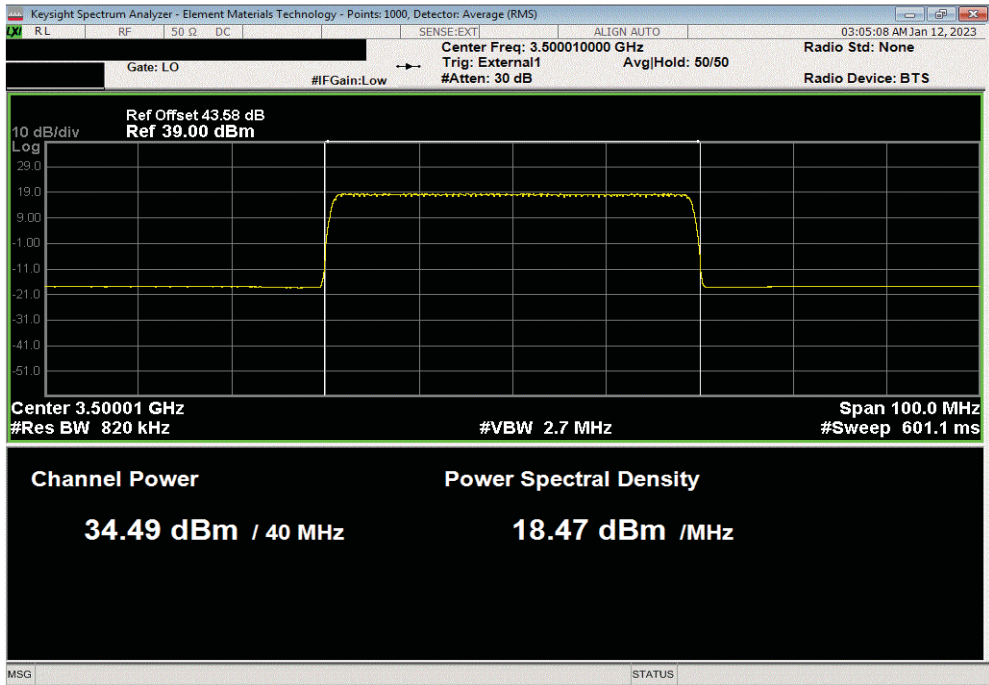


TMTx 2022.06.03.0 XMt 2022.02.07.0

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	

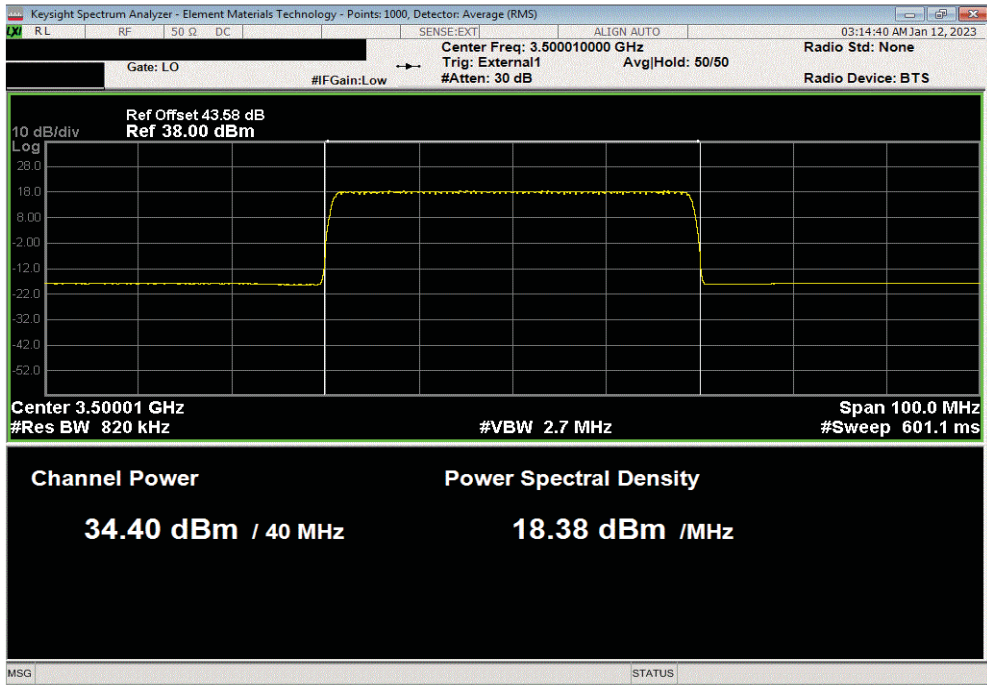


AVERAGE POWER - ALL PORTS SINGLE 3.45G

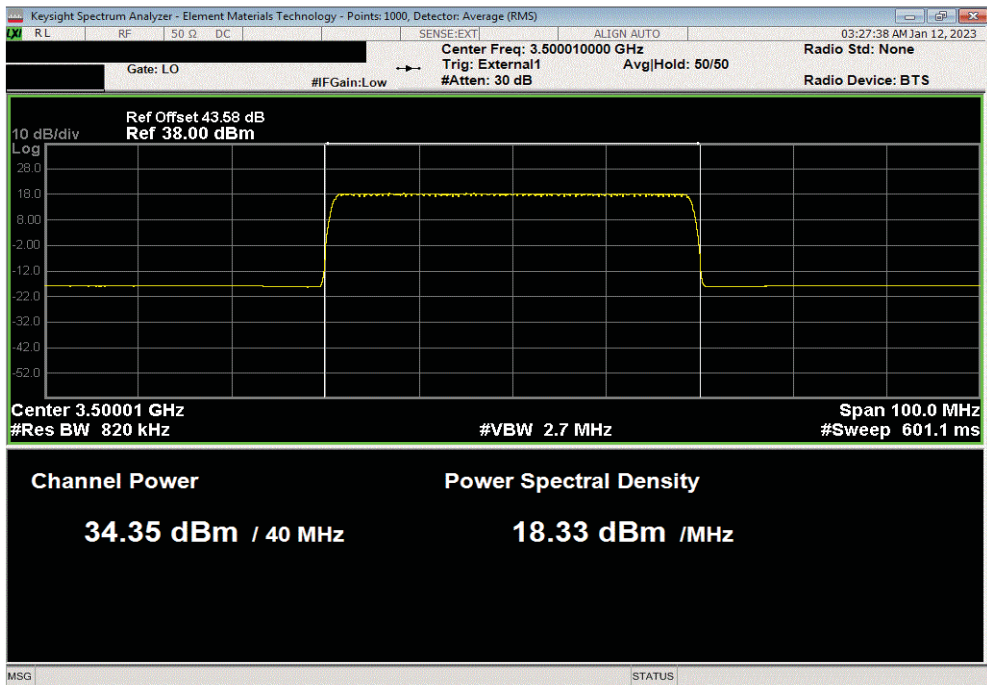


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Port 22, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
34.402	0	34.4	N/A	Within Tolerance	N/A	



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

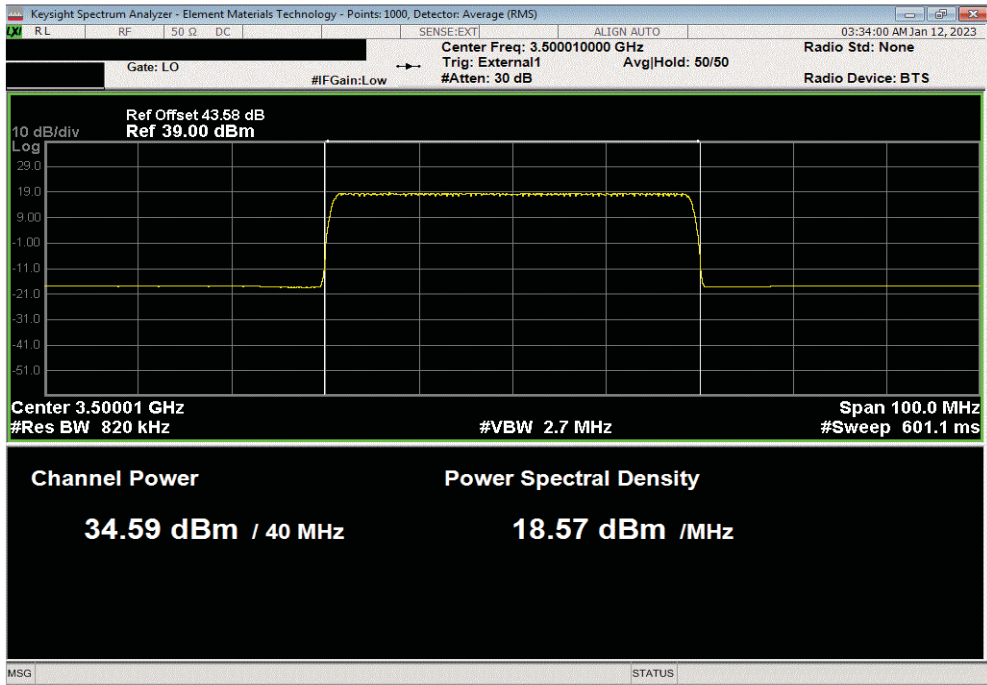


AVERAGE POWER - ALL PORTS SINGLE 3.45G

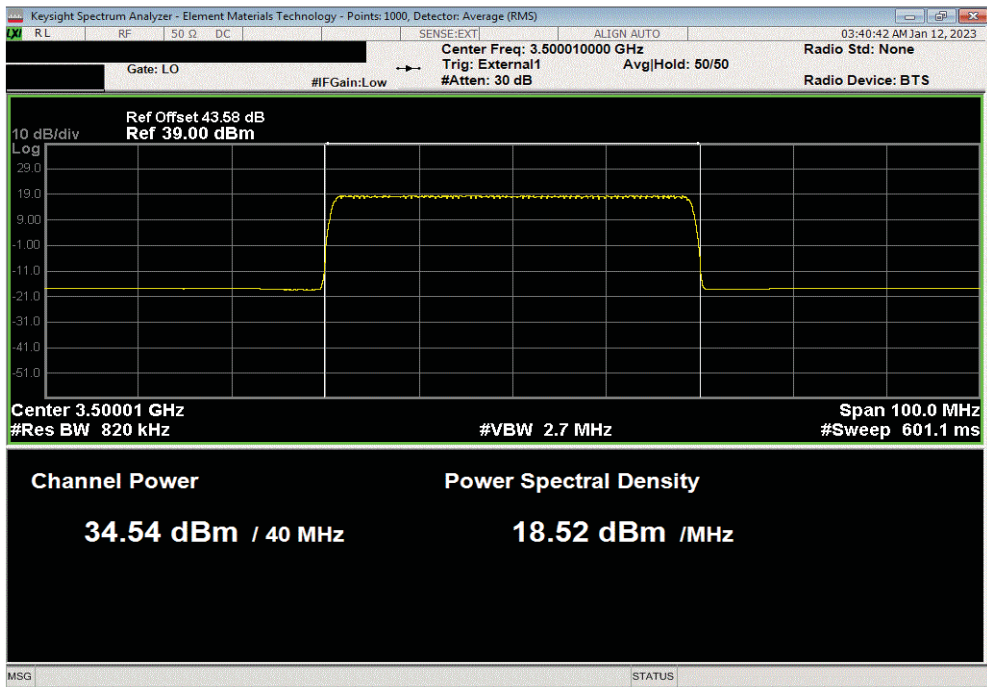


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Port 24, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.59	0	34.6	N/A	Within Tolerance	N/A	



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	

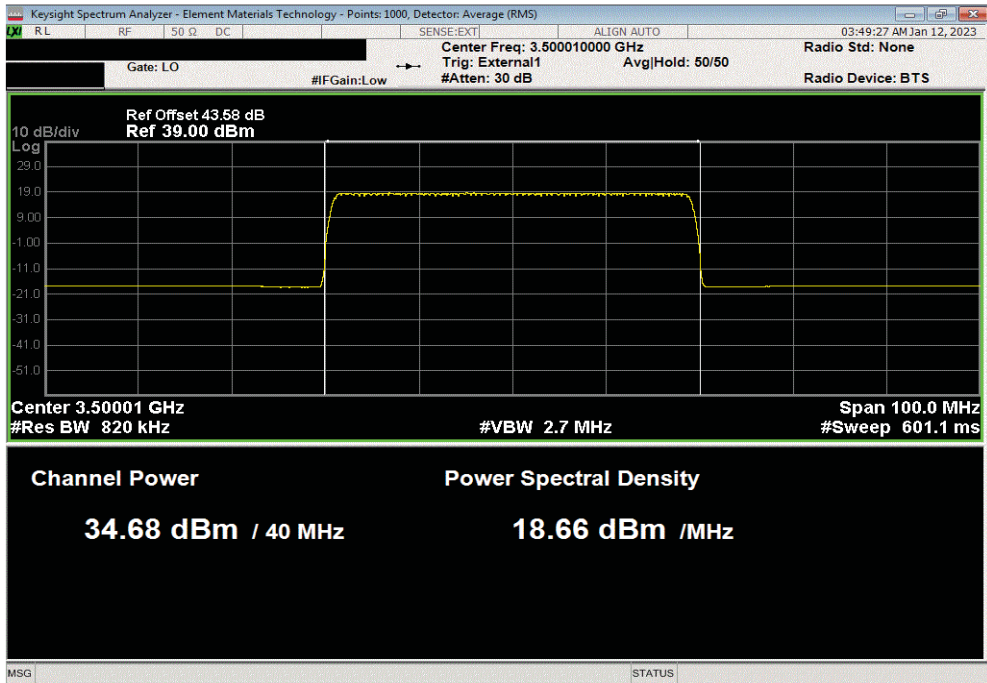


AVERAGE POWER - ALL PORTS SINGLE 3.45G

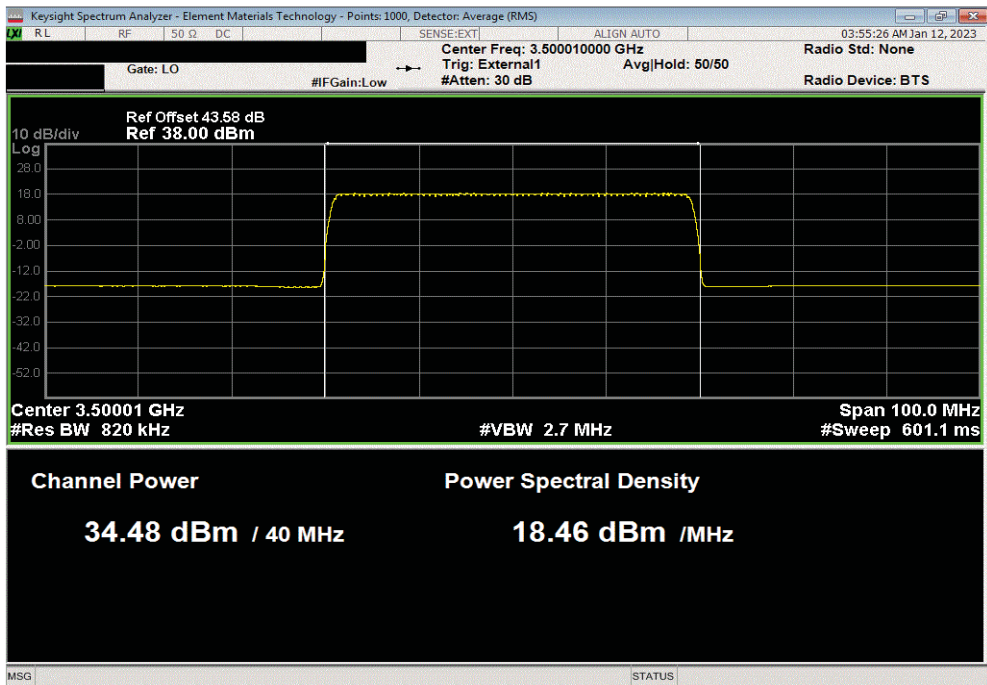


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Port 26, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
34.681	0	34.7	N/A	Within Tolerance	N/A	



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

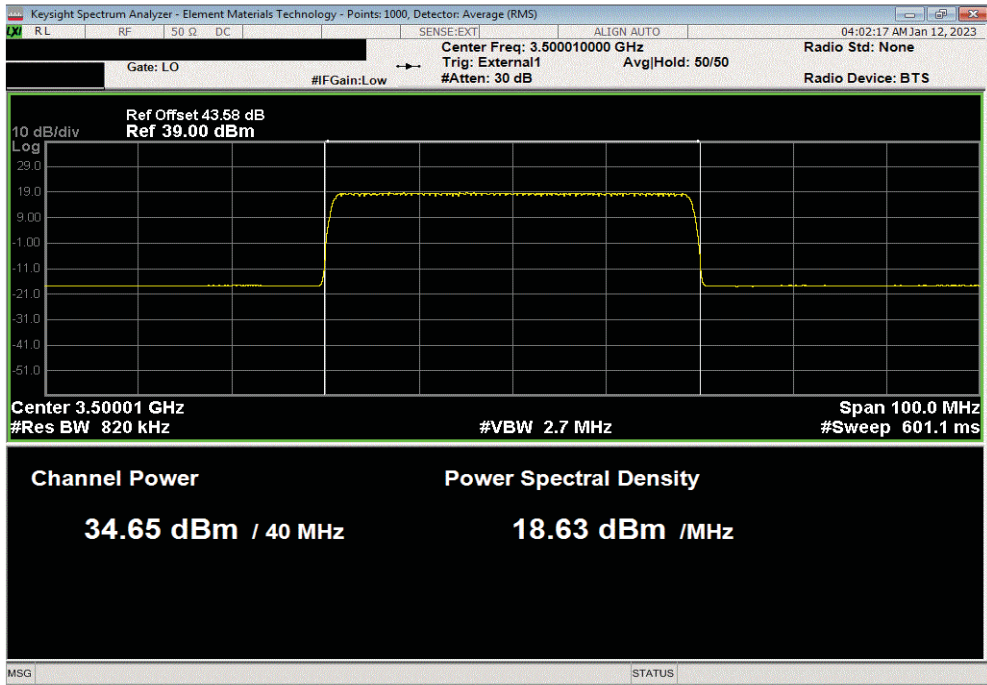


AVERAGE POWER - ALL PORTS SINGLE 3.45G

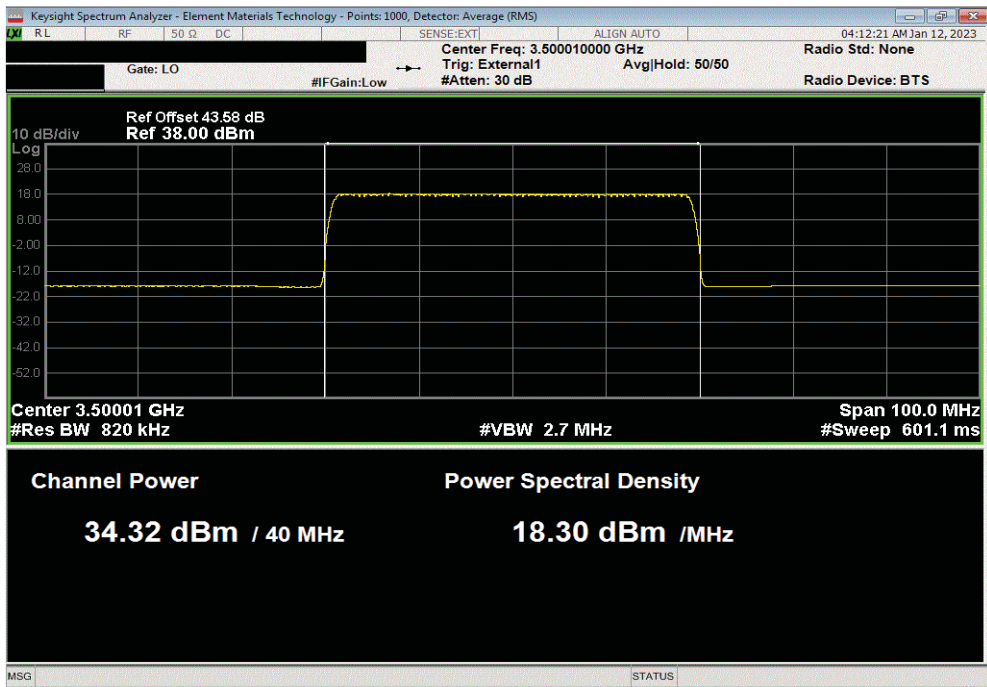


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Port 28, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.655	0	34.7	N/A	Within Tolerance	N/A	



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	

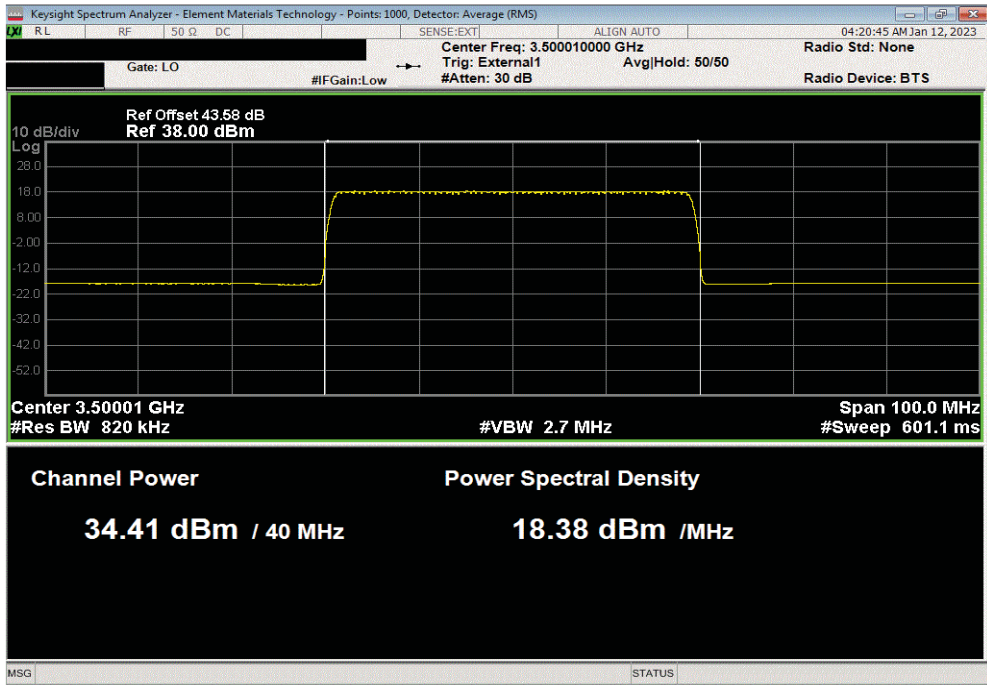


AVERAGE POWER - ALL PORTS SINGLE 3.45G

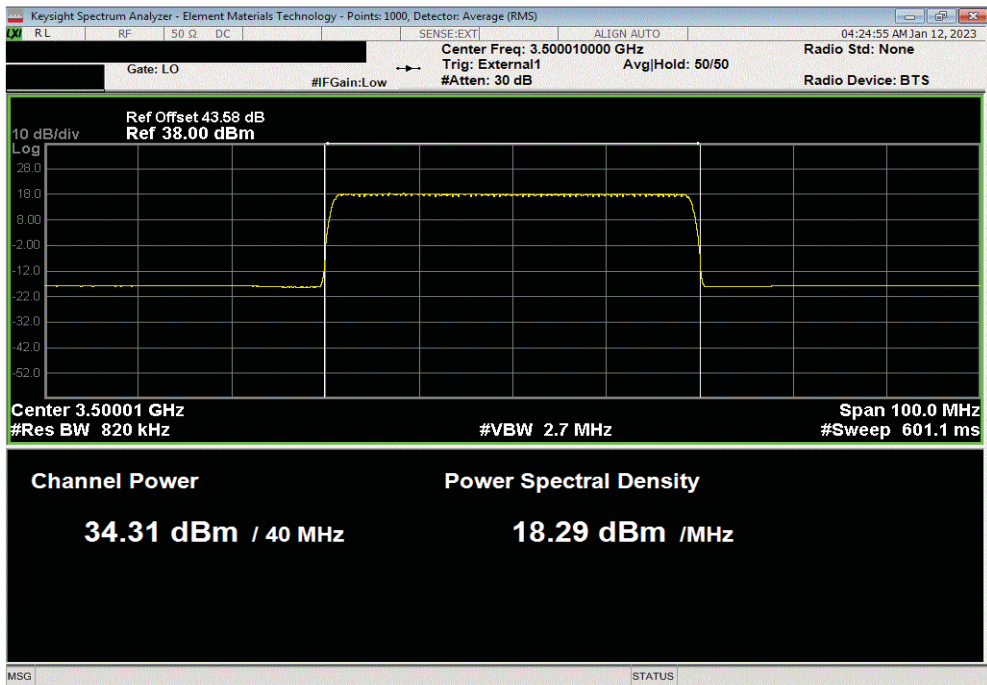


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Port 30, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.405	0	34.4	N/A	Within Tolerance	N/A	



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	

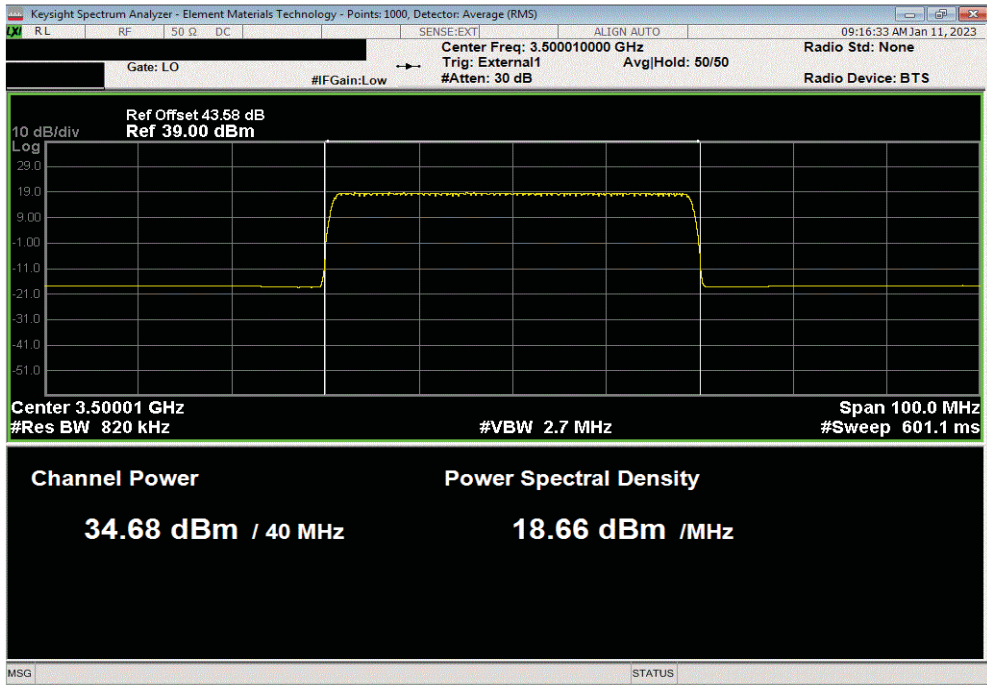


AVERAGE POWER - ALL PORTS SINGLE 3.45G

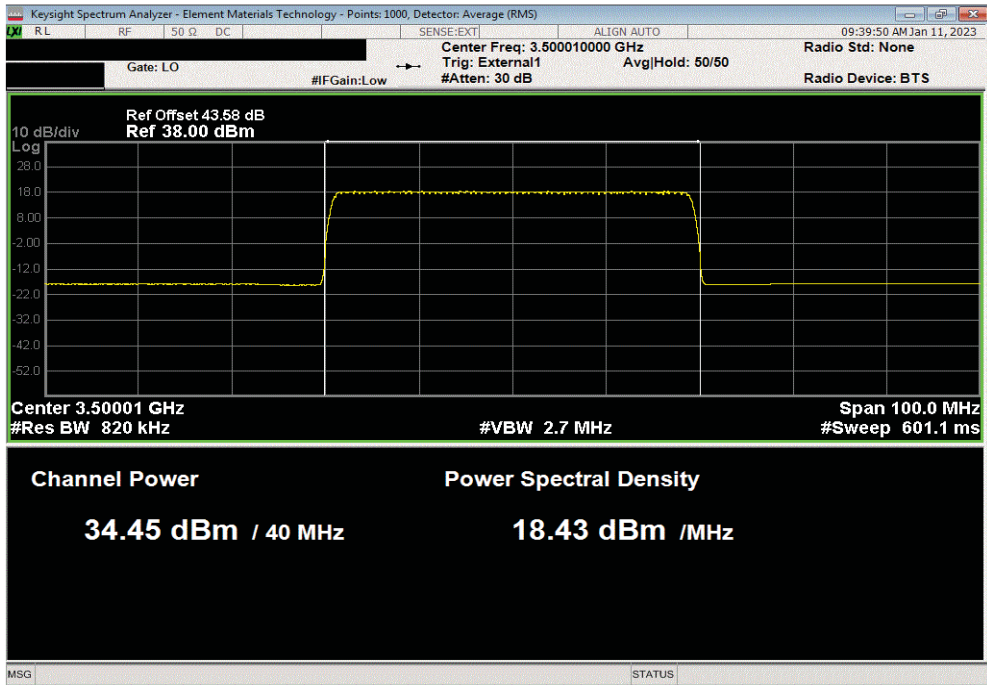


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Port 32, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.68	0	34.7	N/A	Within Tolerance	N/A	



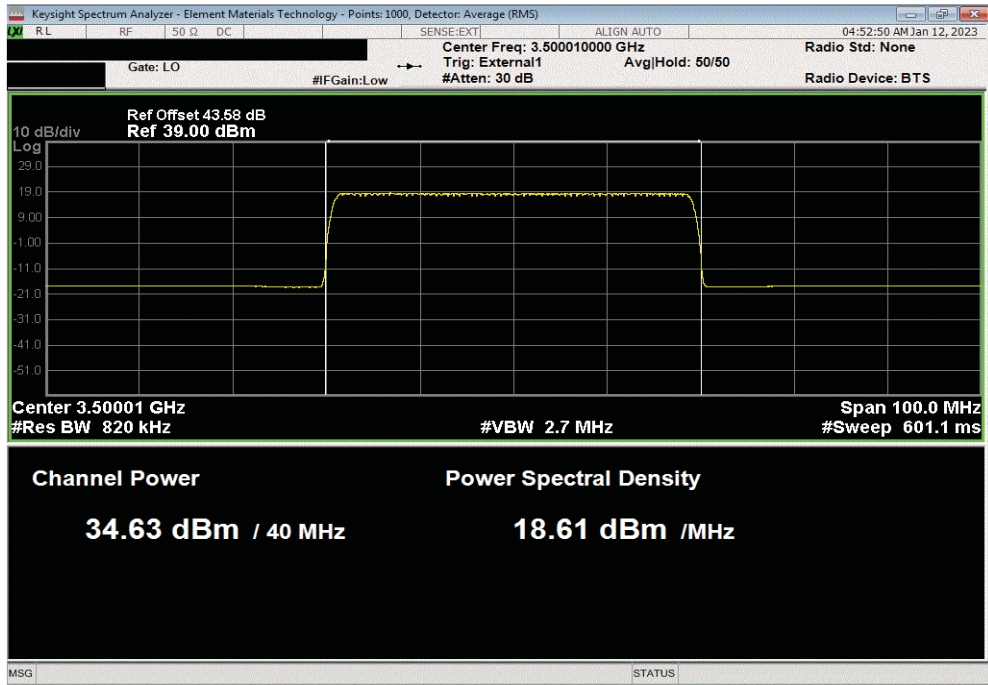
Port 33, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.453	0	34.5	N/A	Within Tolerance	N/A	



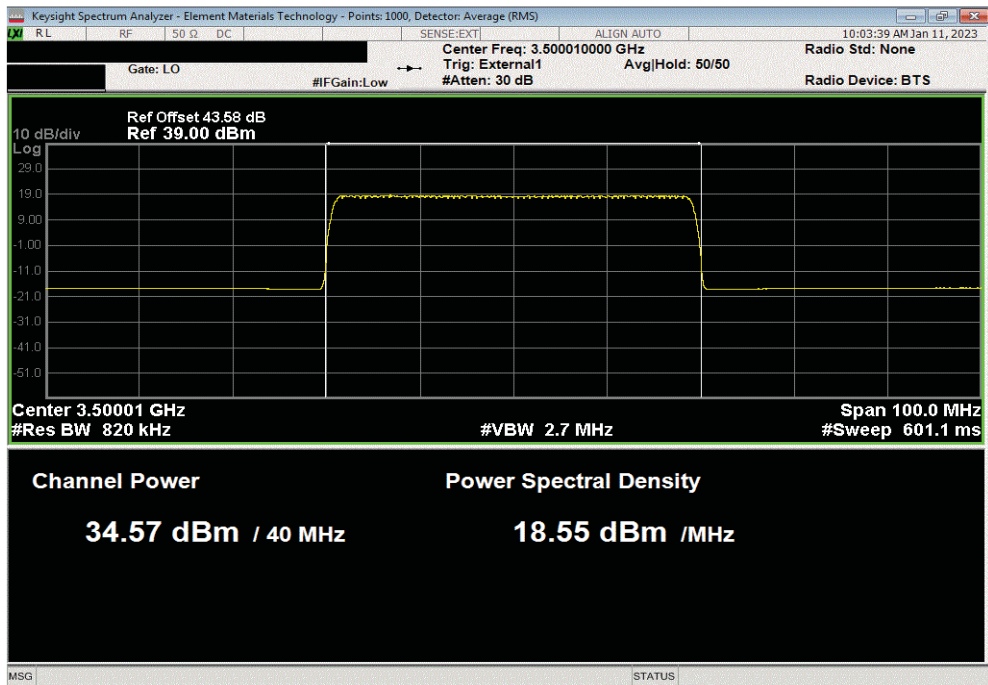
AVERAGE POWER - ALL PORTS SINGLE 3.45G



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

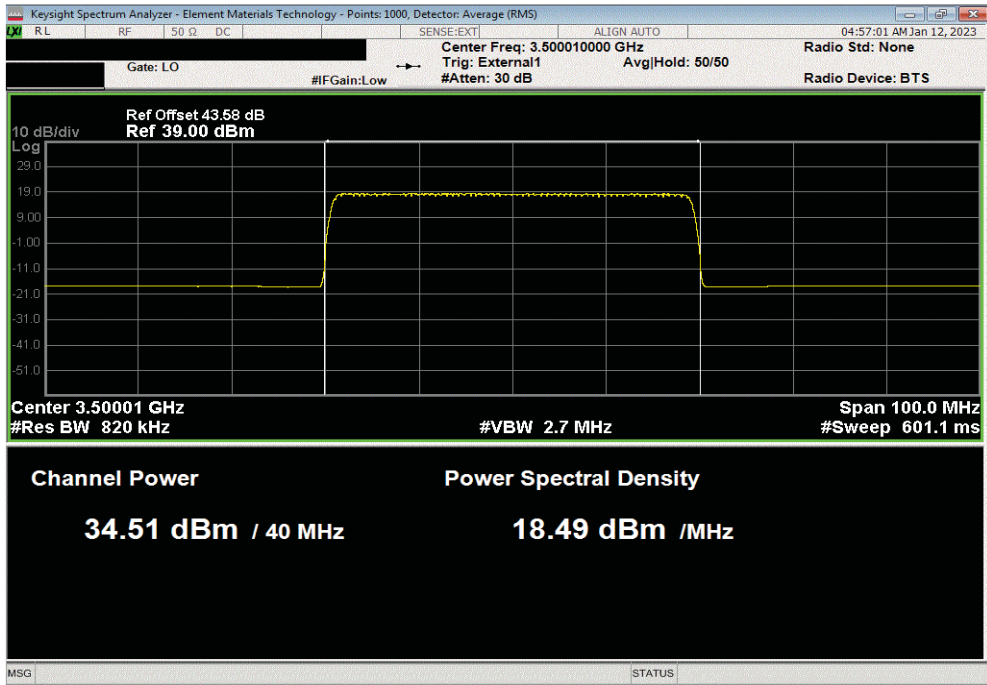


AVERAGE POWER - ALL PORTS SINGLE 3.45G

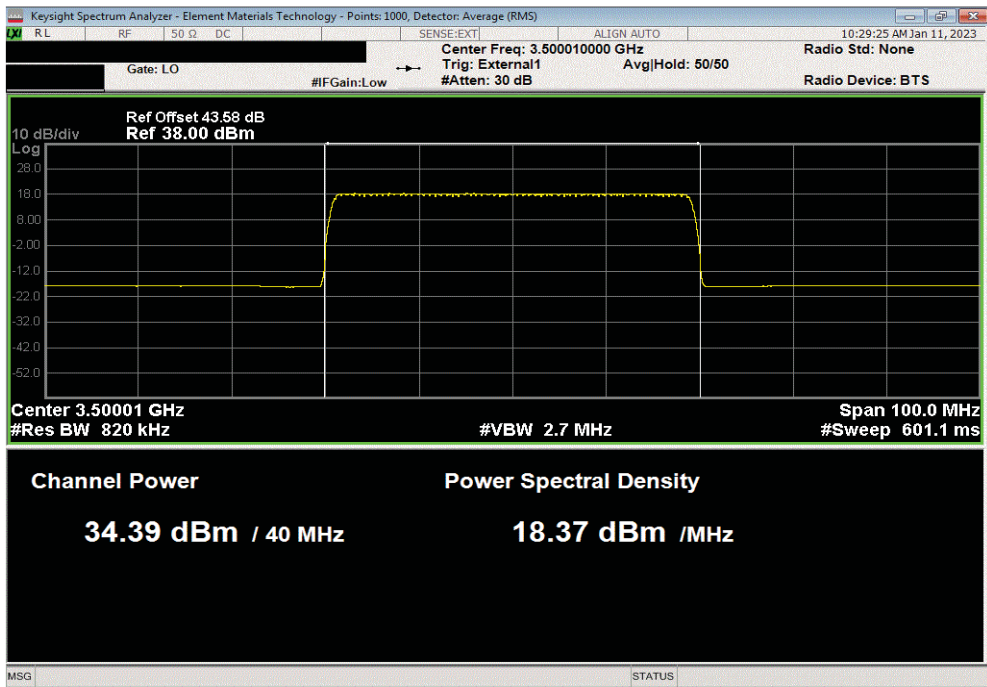


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Port 36, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.508	0	34.5	N/A	Within Tolerance	N/A	



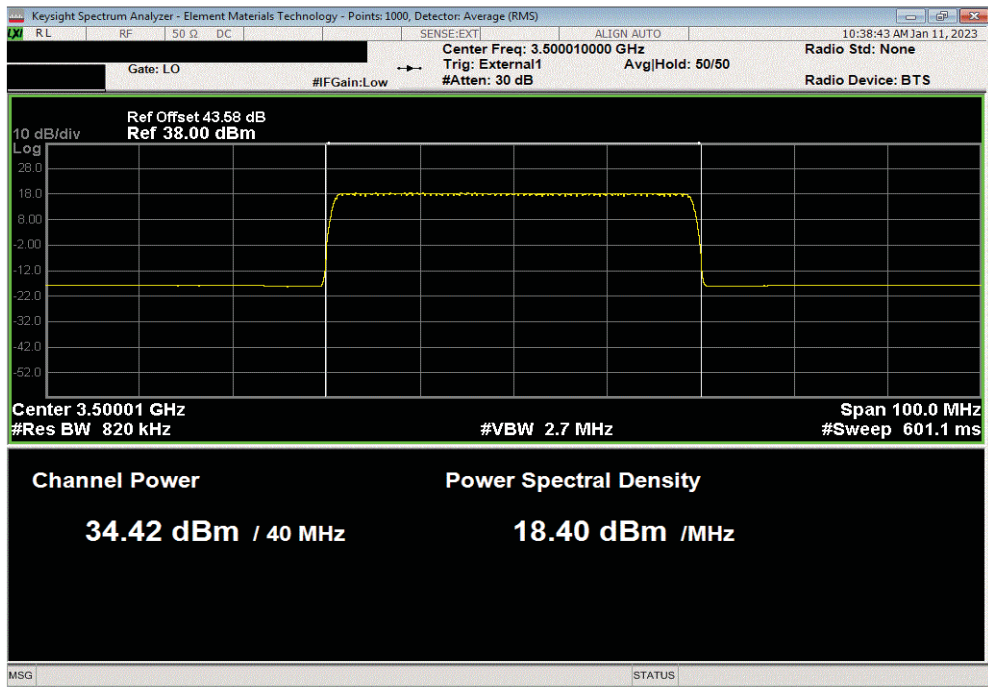
Port 37, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.389	0	34.4	N/A	Within Tolerance	N/A	



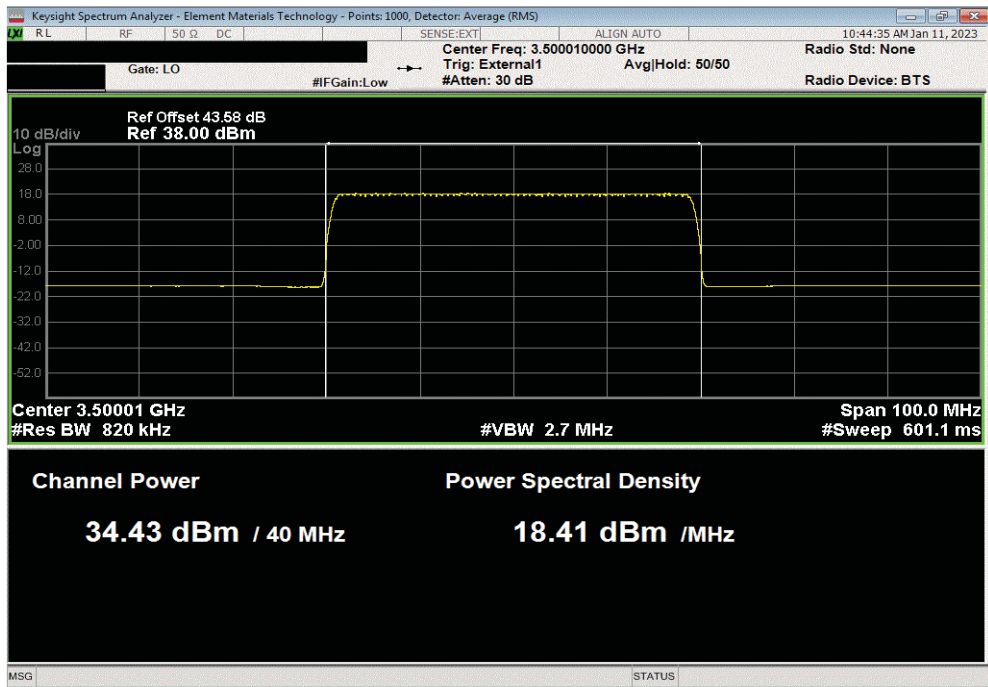
AVERAGE POWER - ALL PORTS SINGLE 3.45G



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



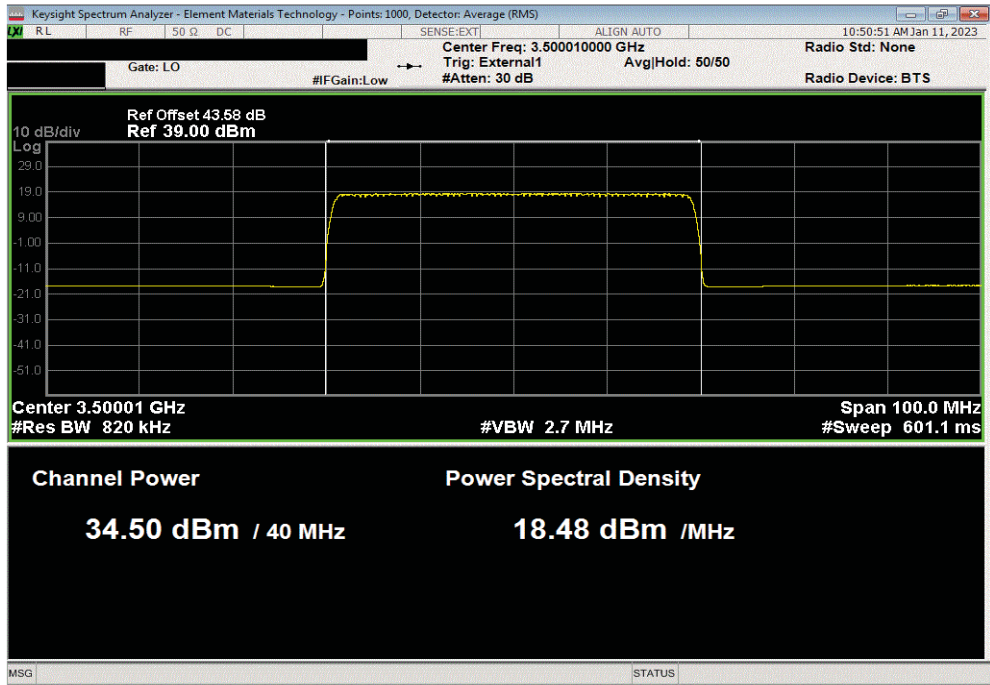
Port 39, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results
	34.43	0	34.4	N/A	Within Tolerance	N/A



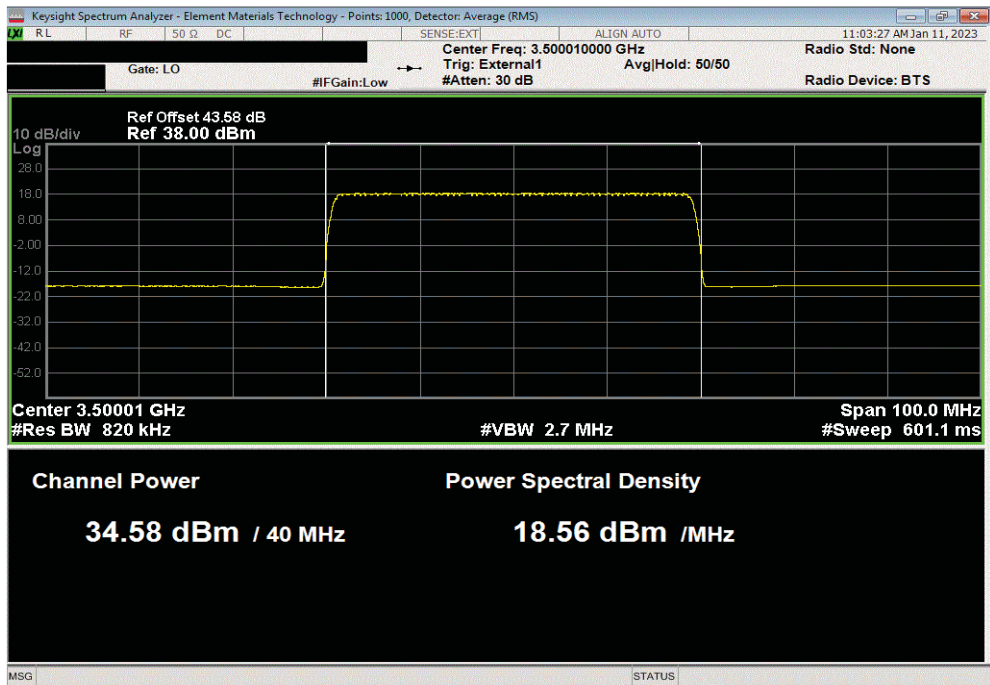
AVERAGE POWER - ALL PORTS SINGLE 3.45G



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	

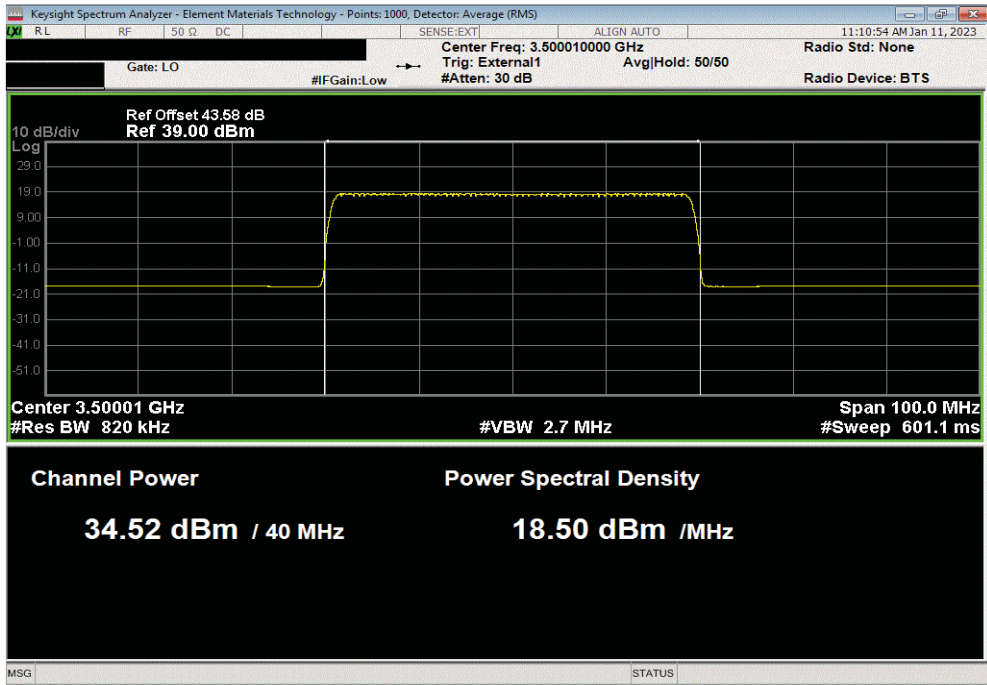


AVERAGE POWER - ALL PORTS SINGLE 3.45G

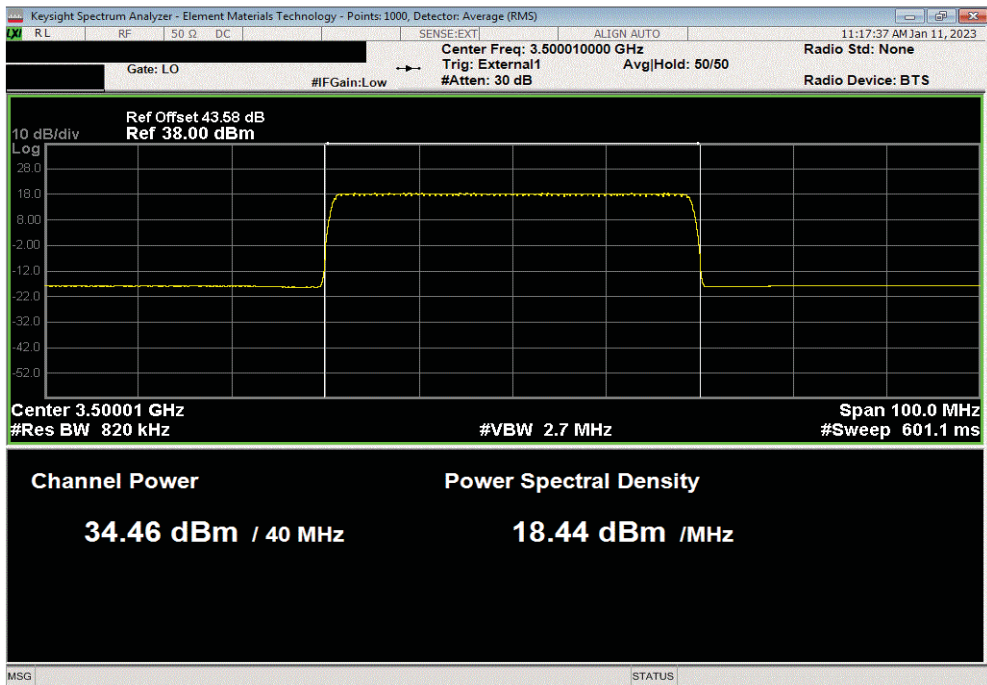


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Port 42, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
34.523	0	34.5	N/A	Within Tolerance	N/A	



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

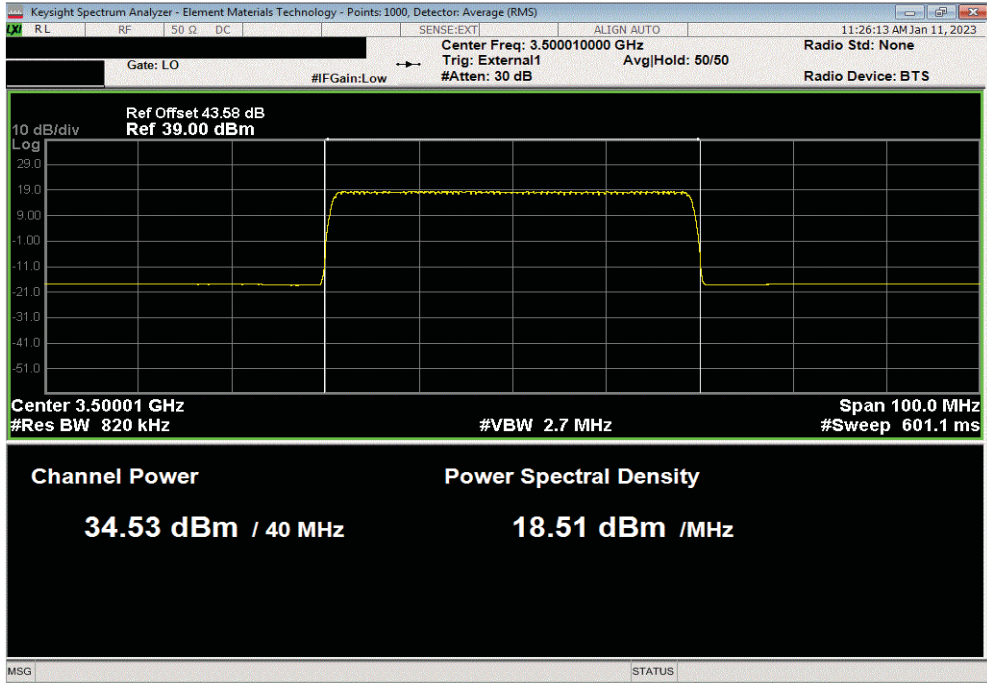


AVERAGE POWER - ALL PORTS SINGLE 3.45G

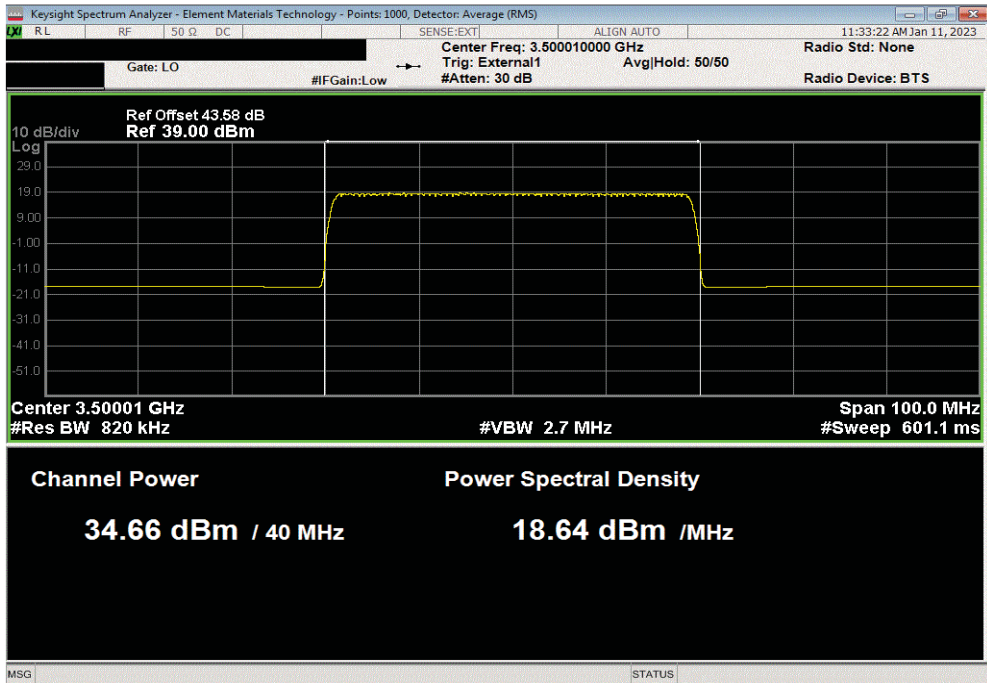


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Port 44, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.53	0	34.5	N/A	Within Tolerance	N/A	



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	

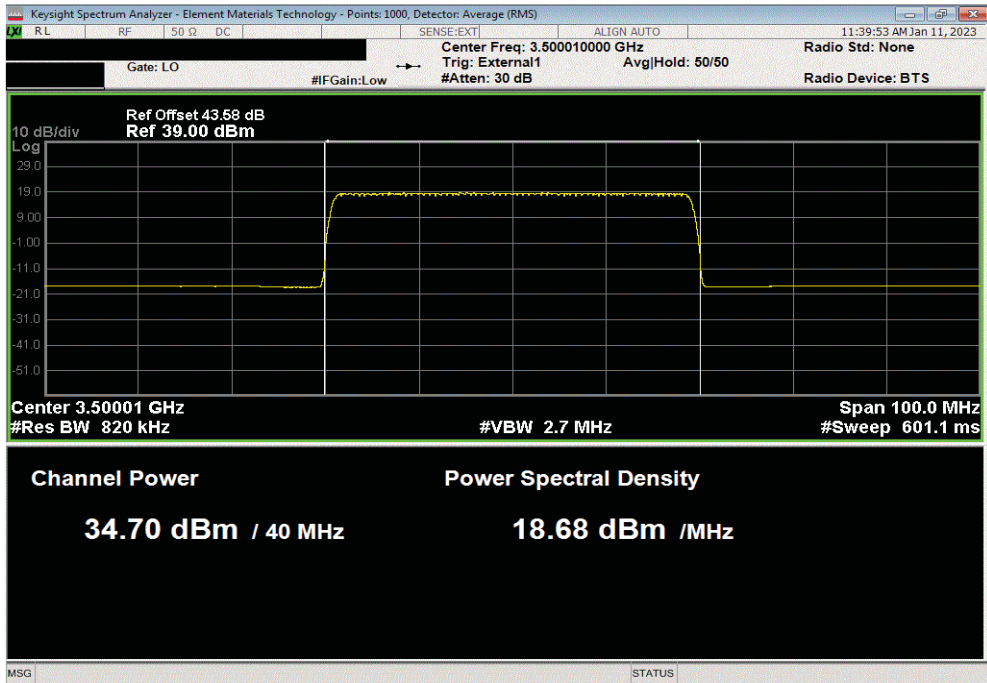


AVERAGE POWER - ALL PORTS SINGLE 3.45G

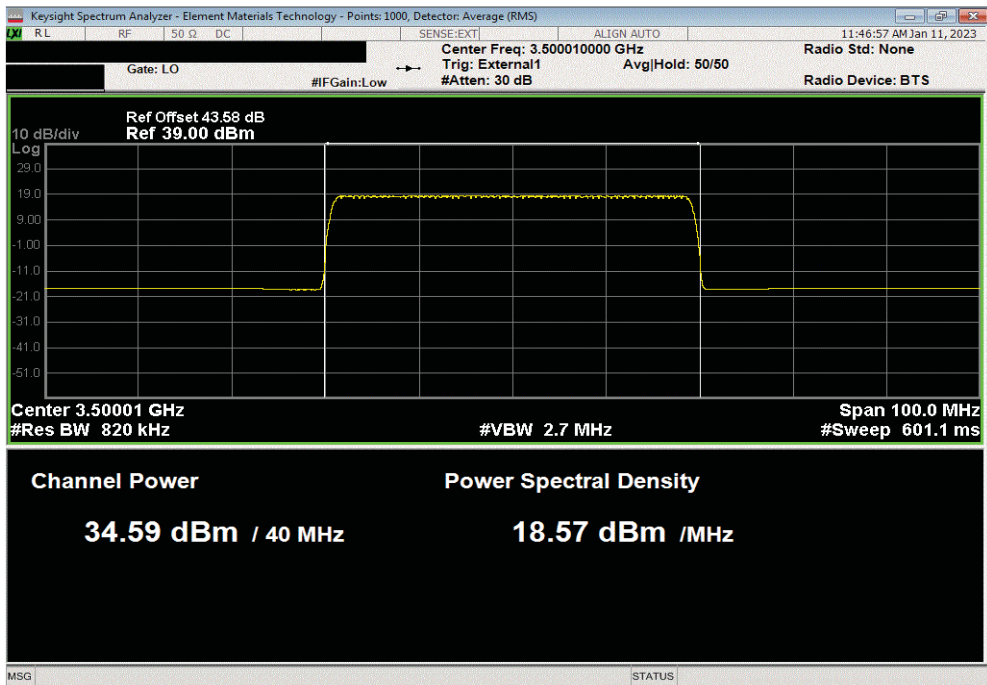


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Port 46, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.7	0	34.7	N/A	Within Tolerance	N/A	



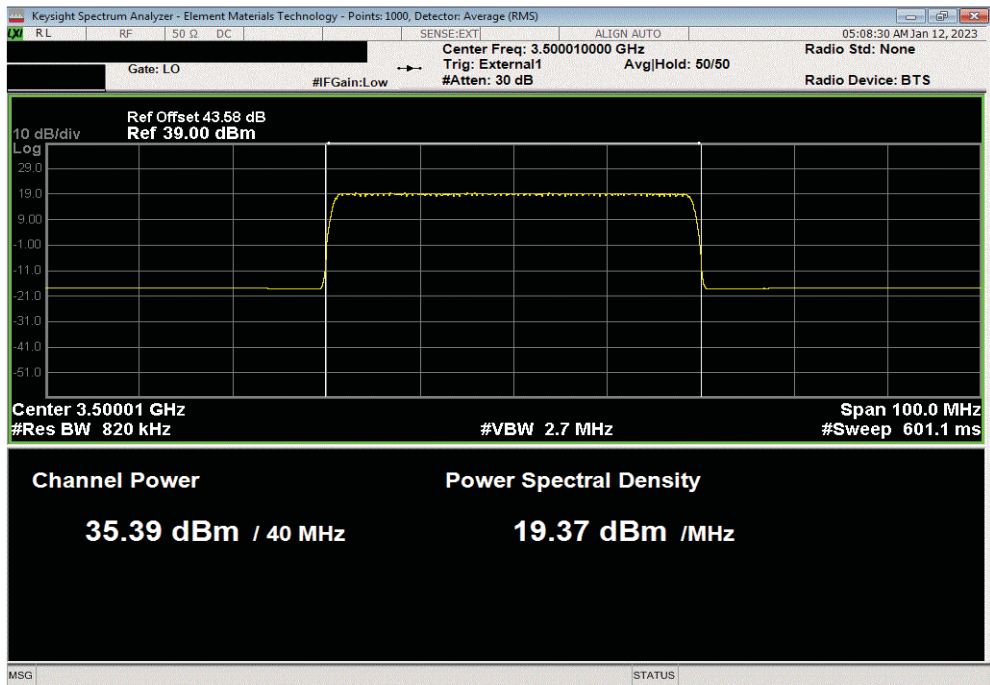
Port 47, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.592	0	34.6	N/A	Within Tolerance	N/A	



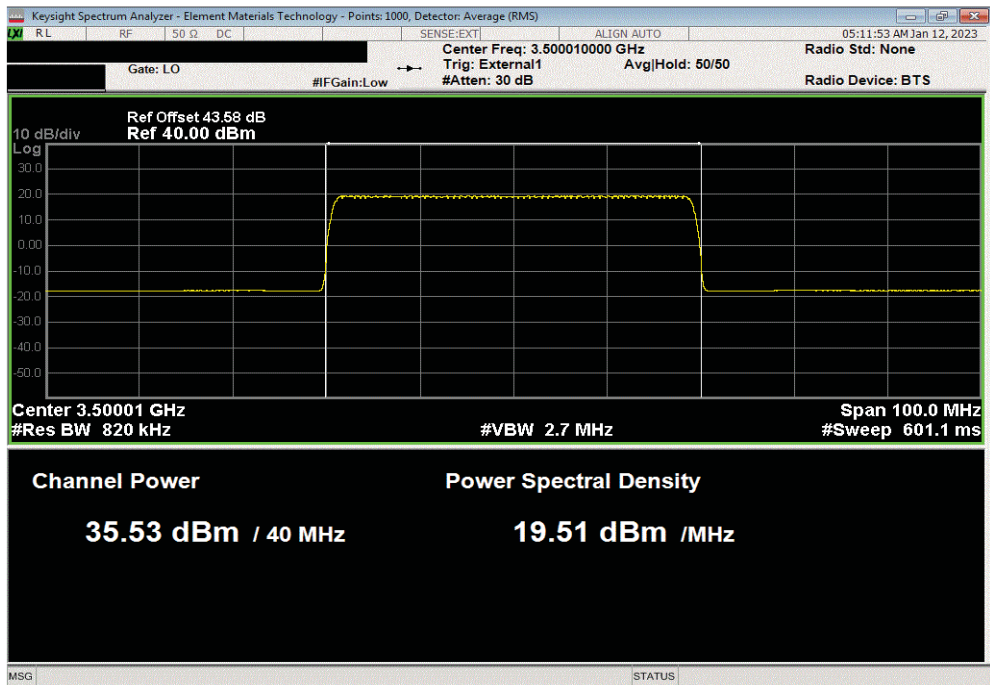
AVERAGE POWER - ALL PORTS SINGLE 3.45G



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

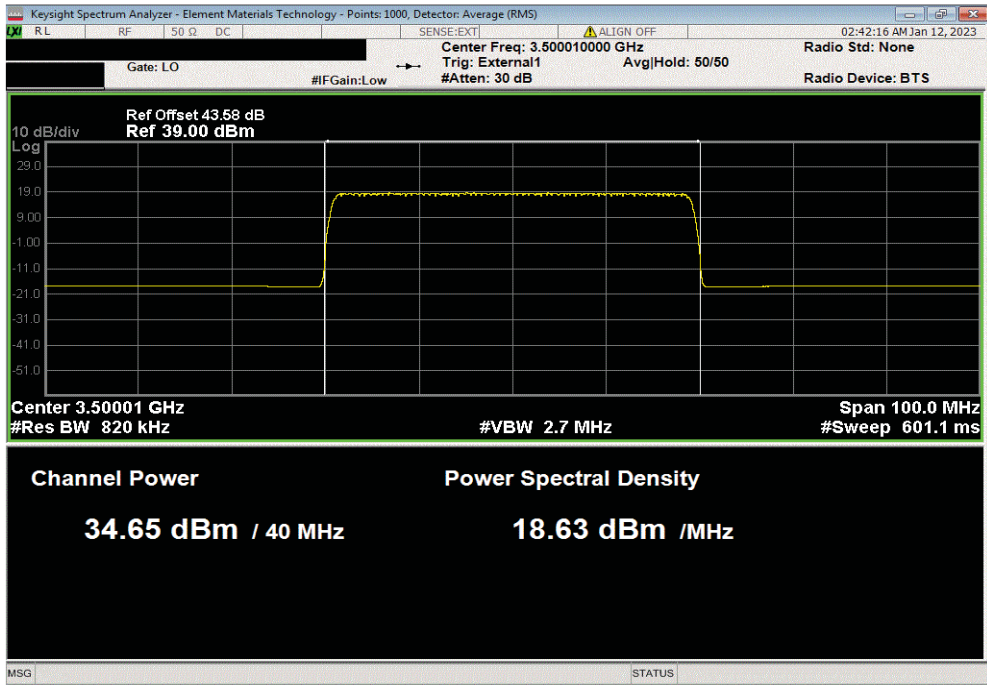


AVERAGE POWER - ALL PORTS SINGLE 3.45G

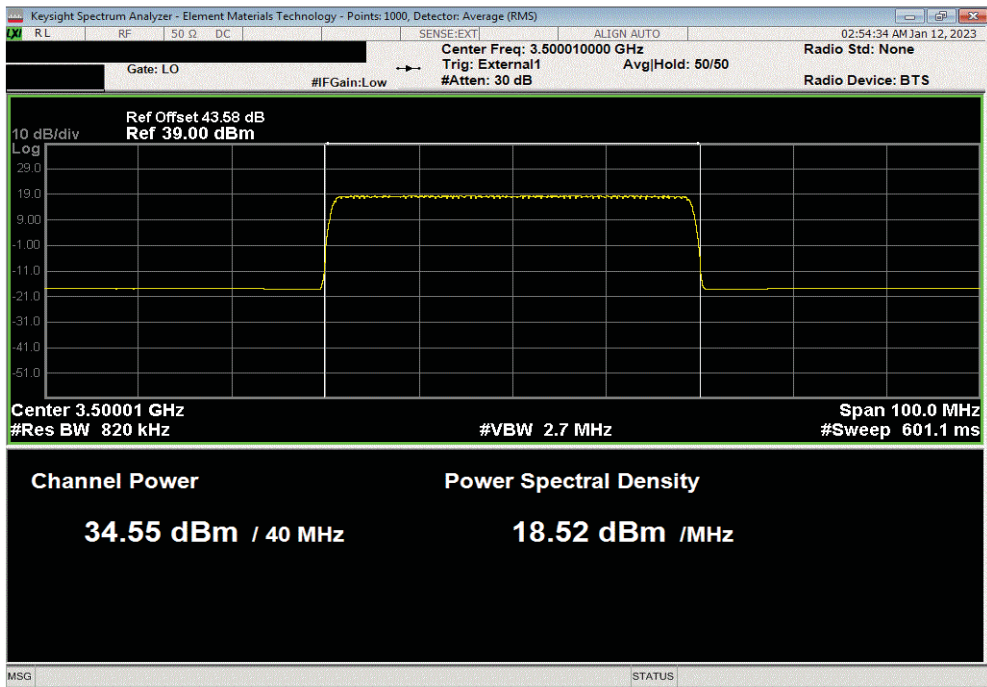


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Port 50, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.652	0	34.7	N/A	Within Tolerance	N/A	



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	

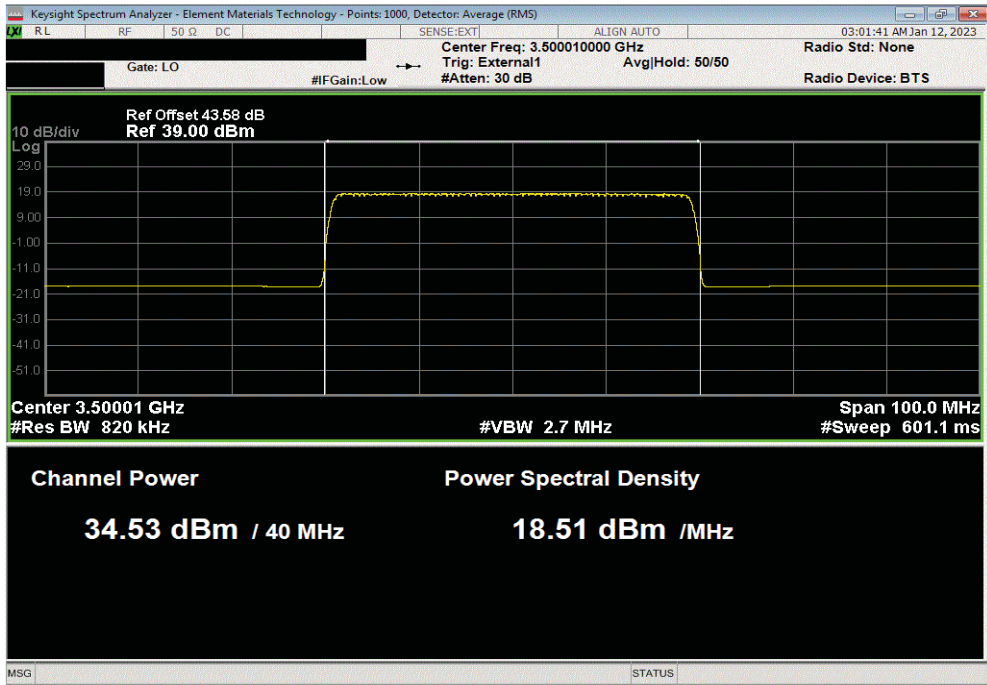


AVERAGE POWER - ALL PORTS SINGLE 3.45G

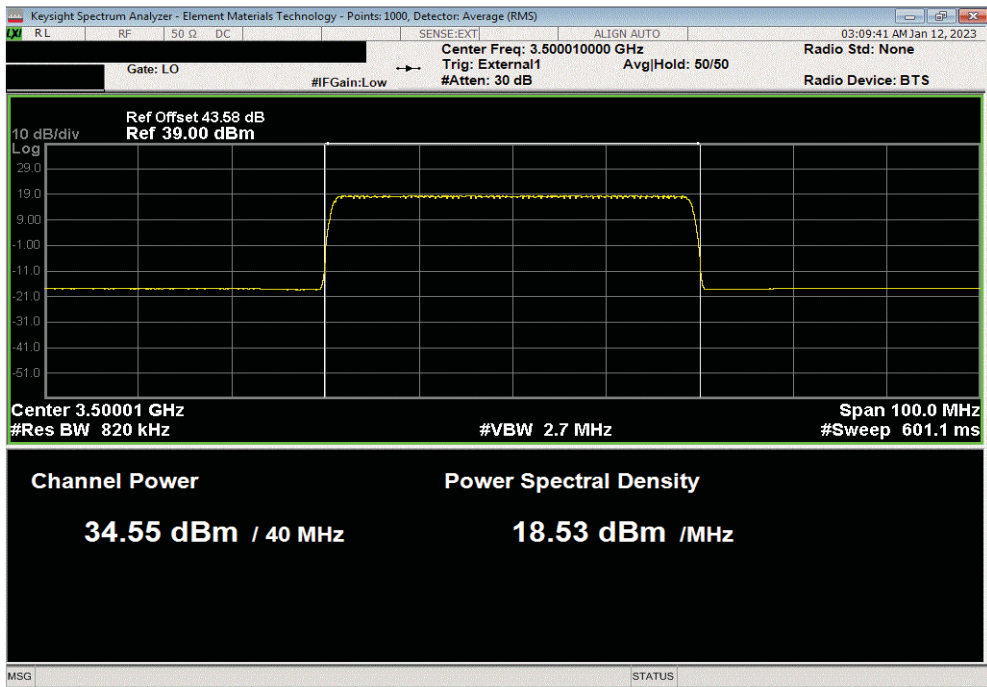


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Port 52, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.528	0	34.5	N/A	Within Tolerance	N/A	



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	

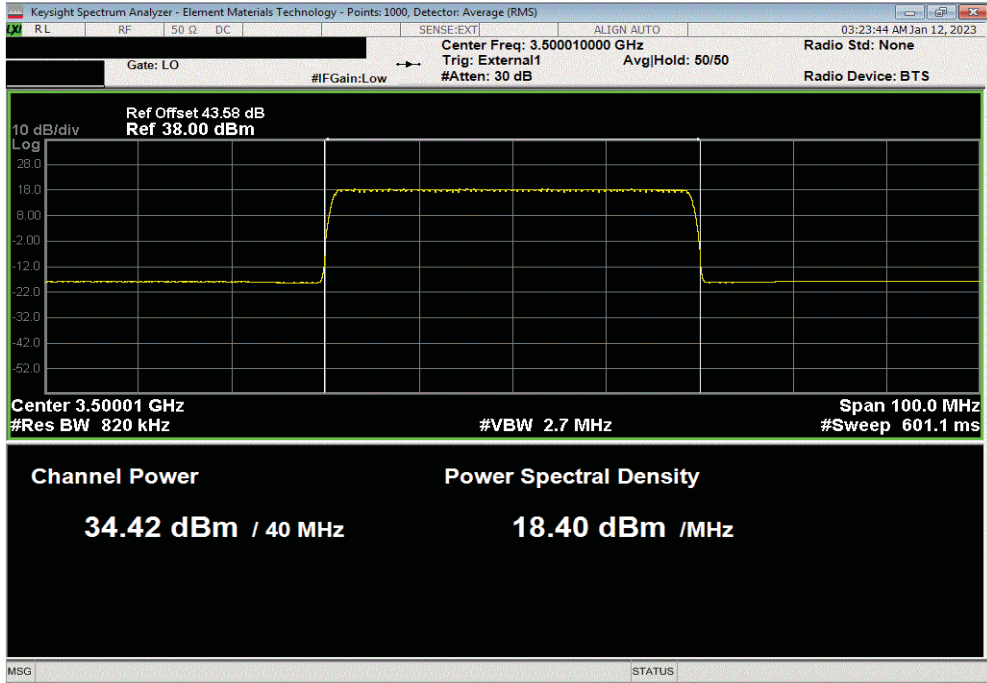


AVERAGE POWER - ALL PORTS SINGLE 3.45G

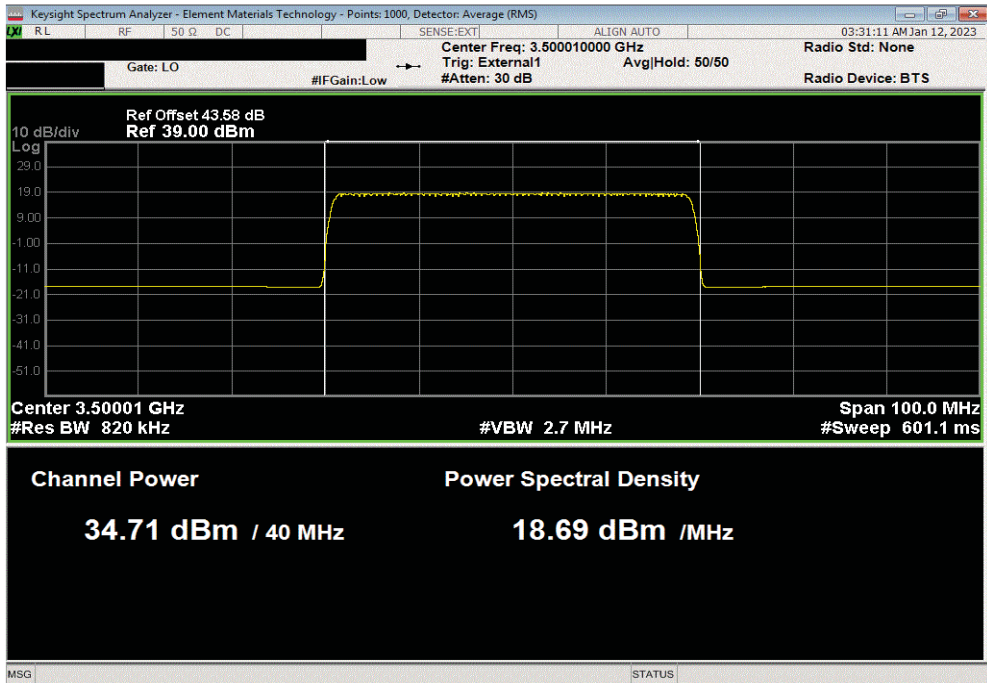


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Port 54, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
34.425	0	34.4	N/A	Within Tolerance	N/A	



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	



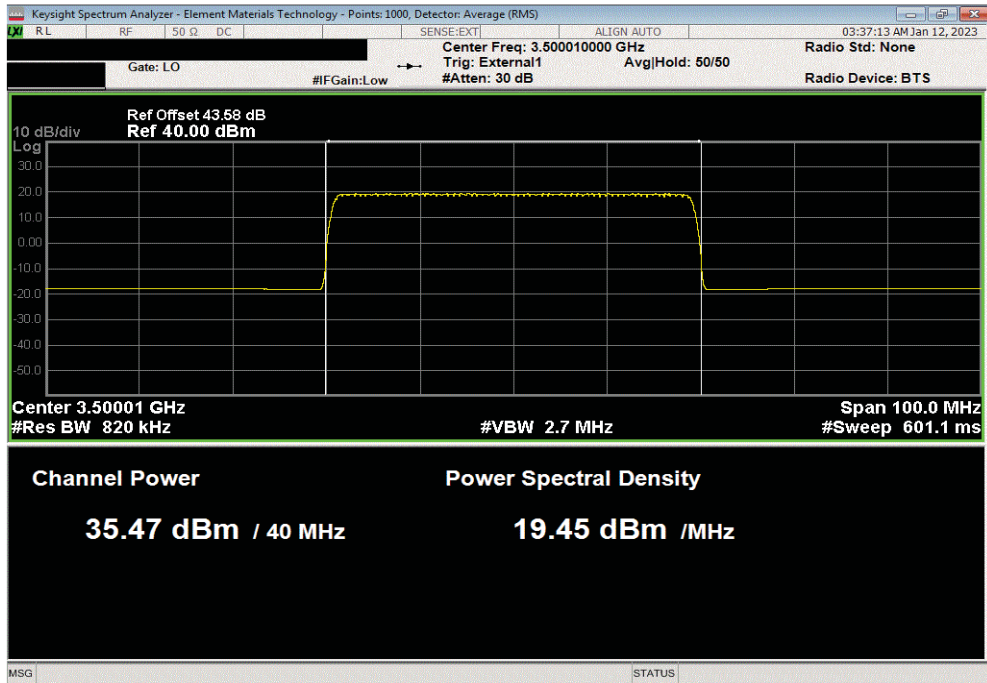
AVERAGE POWER - ALL PORTS SINGLE 3.45G



TMTx 2022.06.03.0 XMt 2022.02.07.0

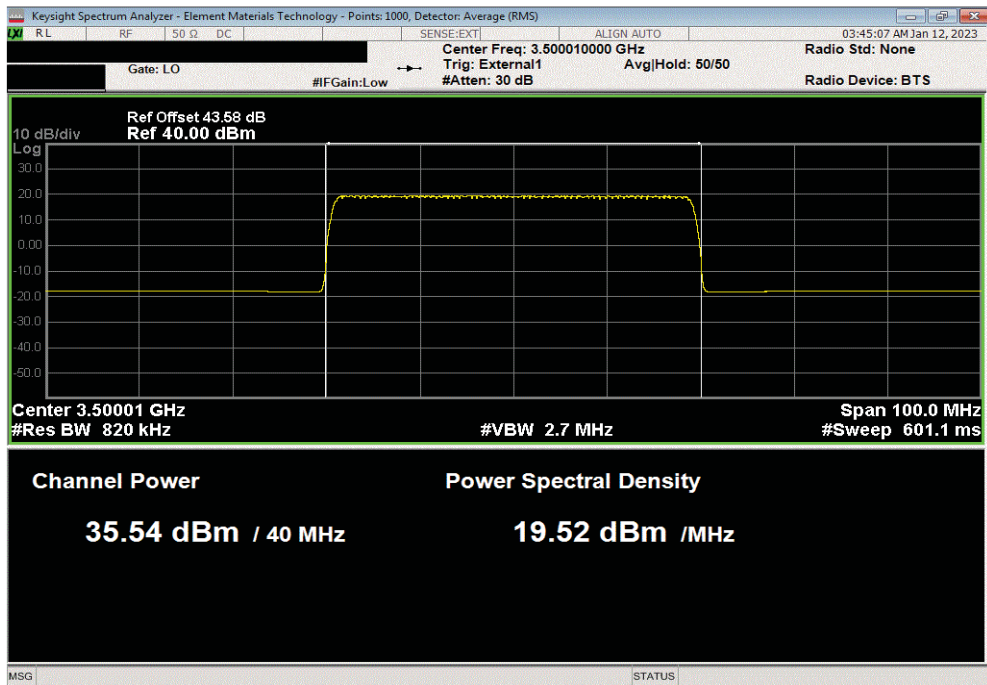
Port 56, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz

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

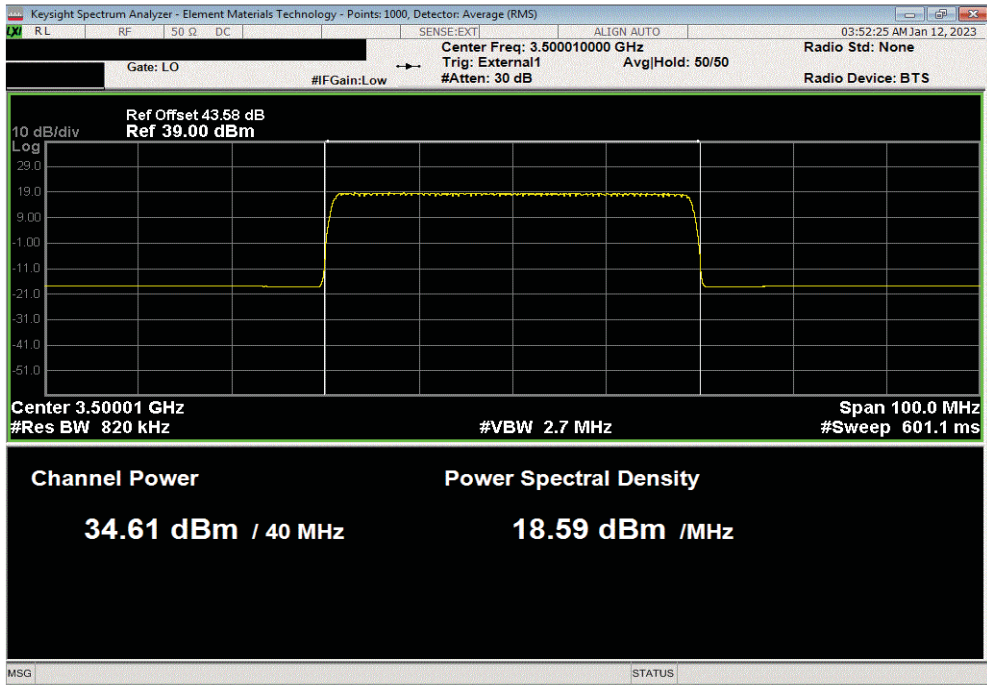


AVERAGE POWER - ALL PORTS SINGLE 3.45G

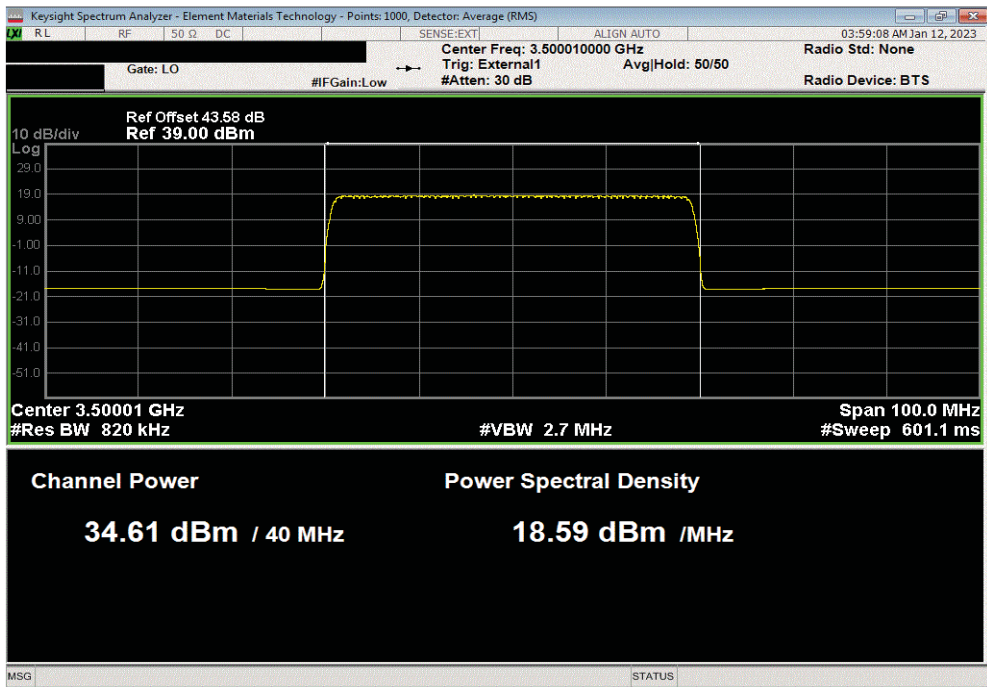


TMTx 2022.06.03.0 XMt 2022.02.07.0

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	

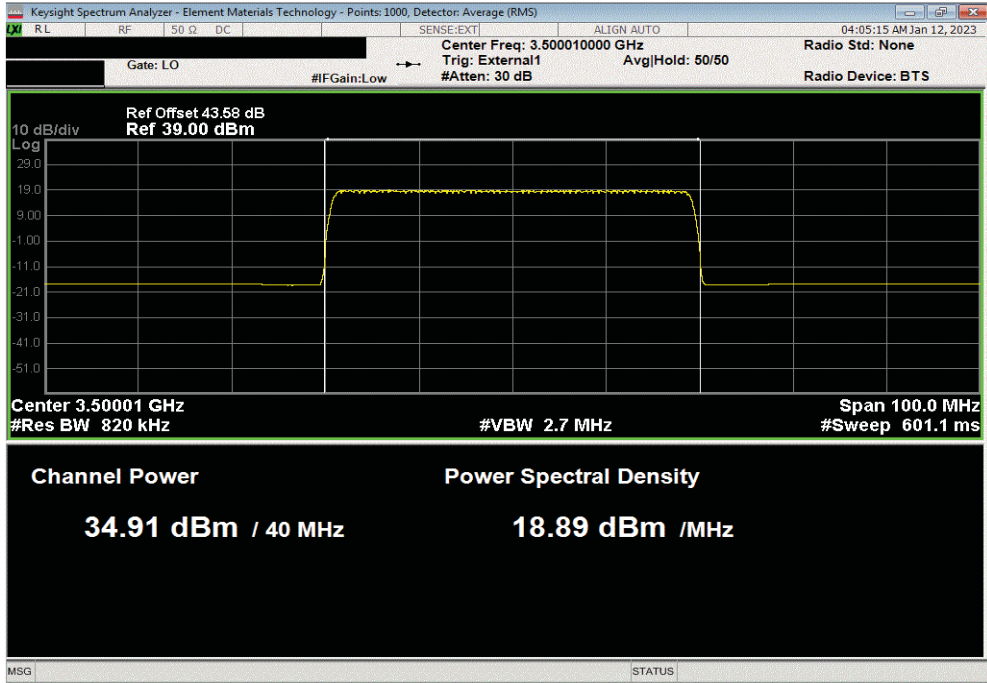


AVERAGE POWER - ALL PORTS SINGLE 3.45G

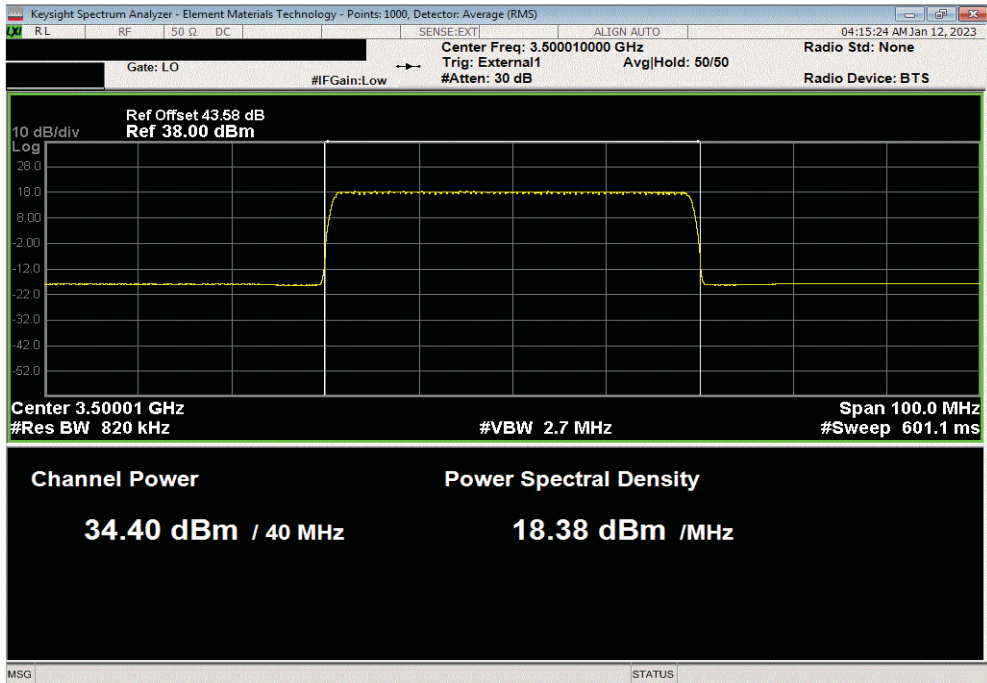


TMTx 2022.06.03.0 XMt 2022.02.07.0

Port 60, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
34.402	0	34.4	N/A	Within Tolerance	N/A	

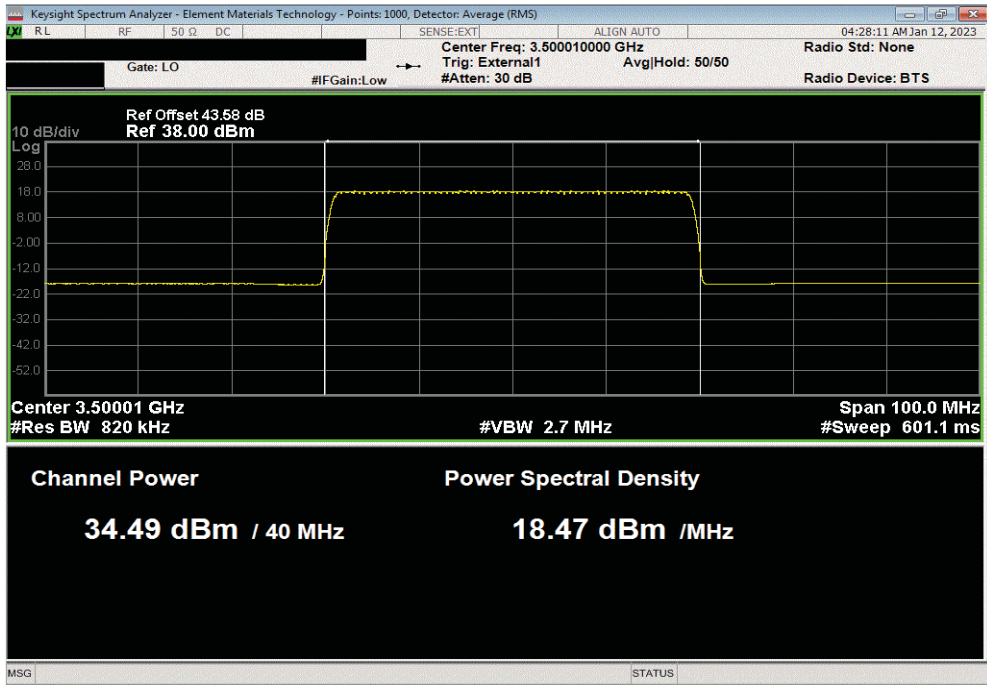


AVERAGE POWER - ALL PORTS SINGLE 3.45G

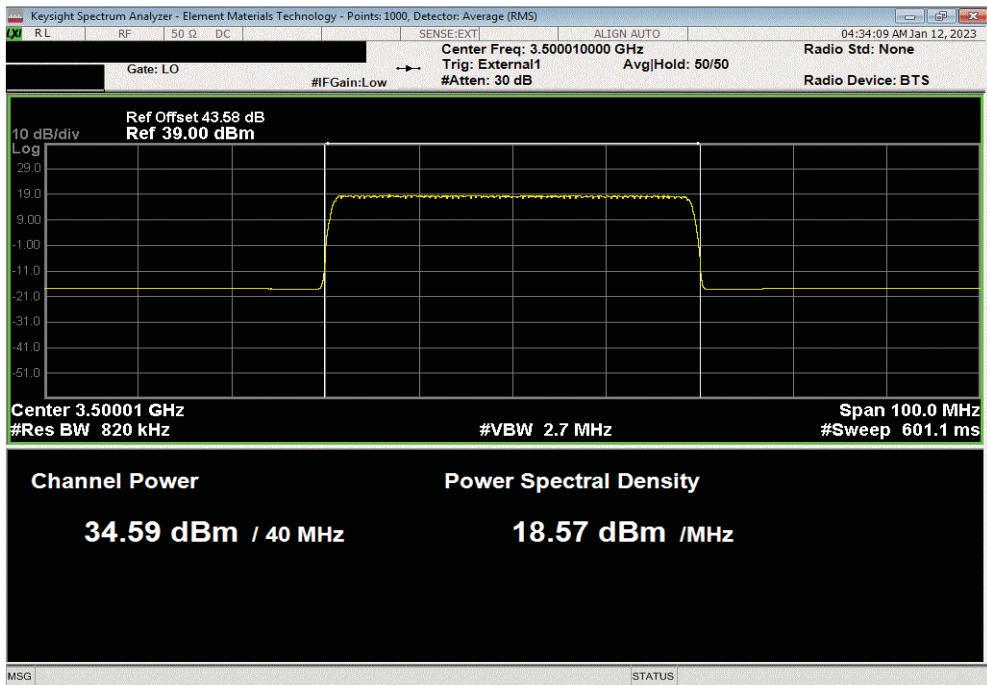


TMTx 2022.06.03.0 XMt 2022.02.07.0

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



TM77-002-08-03.0 MM 2022-02-07-0

All Port, Band n77, 3450 - 3550 MHz, 40 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3500.01 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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		PORT 32	PORT 33	PORT 34	PORT 35	SUM TOTAL	All Ports SUM	
INITIAL VALUE (dBm)	34.4	34.5	34.5	34.5	N/A	INITIAL VALUE (dBm)	34.7	34.5	34.6	34.6	N/A		
INITIAL VALUE (Watts)	2.8	2.8	2.8	2.8	11.2	INITIAL VALUE (Watts)	3.0	2.8	2.9	2.9	11.5		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.5	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6		
INITIAL VALUE (dBm)	PORT 4	PORT 5	PORT 6	PORT 7	SUM TOTAL	INITIAL VALUE (dBm)	PORT 36	PORT 37	PORT 38	PORT 39	SUM TOTAL		
INITIAL VALUE (dBm)	34.4	34.5	34.6	34.7	N/A	INITIAL VALUE (dBm)	34.5	34.4	34.4	34.4	N/A		
INITIAL VALUE (Watts)	2.8	2.8	2.9	3.0	11.4	INITIAL VALUE (Watts)	2.8	2.8	2.8	2.8	11.1		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.4		
INITIAL VALUE (dBm)	PORT 8	PORT 9	PORT 10	PORT 11	SUM TOTAL	INITIAL VALUE (dBm)	PORT 40	PORT 41	PORT 42	PORT 43	SUM TOTAL		
INITIAL VALUE (dBm)	34.3	34.4	34.7	34.8	N/A	INITIAL VALUE (dBm)	34.5	34.6	34.5	34.5	N/A		
INITIAL VALUE (Watts)	2.7	2.8	3.0	3.0	11.4	INITIAL VALUE (Watts)	2.8	2.9	2.8	2.8	11.3		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.5		
INITIAL VALUE (dBm)	PORT 12	PORT 13	PORT 14	PORT 15	SUM TOTAL	INITIAL VALUE (dBm)	PORT 44	PORT 45	PORT 46	PORT 47	SUM TOTAL		
INITIAL VALUE (dBm)	34.7	34.6	34.6	34.7	N/A	INITIAL VALUE (dBm)	34.5	34.7	34.7	34.6	N/A		
INITIAL VALUE (Watts)	3.0	2.9	2.9	3.0	11.7	INITIAL VALUE (Watts)	2.8	3.0	3.0	2.9	11.6		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.7	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6		
INITIAL VALUE (dBm)	PORT 16	PORT 17	PORT 18	PORT 19	SUM TOTAL	INITIAL VALUE (dBm)	PORT 48	PORT 49	PORT 50	PORT 51	SUM TOTAL		
INITIAL VALUE (dBm)	34.7	34.6	34.5	34.4	N/A	INITIAL VALUE (dBm)	35.4	35.5	34.7	34.6	N/A		
INITIAL VALUE (Watts)	3.0	2.9	2.8	2.8	11.4	INITIAL VALUE (Watts)	3.5	3.5	3.0	2.9	12.9		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	41.1		
INITIAL VALUE (dBm)	PORT 20	PORT 21	PORT 22	PORT 23	SUM TOTAL	INITIAL VALUE (dBm)	PORT 52	PORT 53	PORT 54	PORT 55	SUM TOTAL		
INITIAL VALUE (dBm)	34.4	34.5	34.4	34.4	N/A	INITIAL VALUE (dBm)	34.5	34.6	34.4	34.5	N/A		
INITIAL VALUE (Watts)	2.8	2.8	2.8	2.8	11.1	INITIAL VALUE (Watts)	2.8	2.9	2.8	2.8	11.3		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.4	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.5		
INITIAL VALUE (dBm)	PORT 24	PORT 25	PORT 26	PORT 27	SUM TOTAL	INITIAL VALUE (dBm)	PORT 56	PORT 57	PORT 58	PORT 59	SUM TOTAL		
INITIAL VALUE (dBm)	34.6	34.5	34.7	34.5	N/A	INITIAL VALUE (dBm)	35.5	35.5	34.6	34.7	N/A		
INITIAL VALUE (Watts)	2.9	2.8	3.0	2.8	11.5	INITIAL VALUE (Watts)	3.5	3.5	2.9	3.0	12.9		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.6	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	41.1		
INITIAL VALUE (dBm)	PORT 28	PORT 29	PORT 30	PORT 31	SUM TOTAL	INITIAL VALUE (dBm)	PORT 60	PORT 61	PORT 62	PORT 63	SUM TOTAL		
INITIAL VALUE (dBm)	34.7	34.5	34.4	34.3	N/A	INITIAL VALUE (dBm)	34.9	34.4	34.5	34.6	N/A		
INITIAL VALUE (Watts)	3.0	2.7	2.8	2.7	11.1	INITIAL VALUE (Watts)	3.1	2.8	2.8	2.9	11.5		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	40.4	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



TstTx 2022.06.03.0 XMH 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 Rattavong, 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						
Port 16			Mid Channel, 3840 MHz	36.654	0	36.7	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 17			Mid Channel, 3840 MHz	36.774	0	36.8	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 18			Mid Channel, 3840 MHz	36.538	0	36.5	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 19			Mid Channel, 3840 MHz	36.363	0	36.4	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 20			Mid Channel, 3840 MHz	36.594	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 21			Mid Channel, 3840 MHz	36.415	0	36.4	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 22			Mid Channel, 3840 MHz	36.482	0	36.5	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 23			Mid Channel, 3840 MHz	37.081	0	37.1	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 24			Mid Channel, 3840 MHz	36.618	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 25			Mid Channel, 3840 MHz	36.562	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 26			Mid Channel, 3840 MHz	36.452	0	36.5	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 27			Mid Channel, 3840 MHz	36.607	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 28			Mid Channel, 3840 MHz	36.321	0	36.3	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 29			Mid Channel, 3840 MHz	36.33	0	36.3	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 30			Mid Channel, 3840 MHz	36.518	0	36.5	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 31			Mid Channel, 3840 MHz	36.372	0	36.4	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 32			Mid Channel, 3840 MHz	36.304	0	36.3	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 33			Mid Channel, 3840 MHz	36.597	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 34			Mid Channel, 3840 MHz	36.742	0	36.7	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 35			Mid Channel, 3840 MHz	36.591	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth	256QAM Modulation						
Port 36			Mid Channel, 3840 MHz	36.498	0	36.5	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz	100 MHz Bandwidth							

Port 37	256QAM Modulation						
	Mid Channel, 3840 MHz		36.396	0	36.4	N/A	Within Tolerance
	N/A						
Port 38	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 39	Mid Channel, 3840 MHz		36.387	0	36.4	N/A	Within Tolerance
	N/A						
	N/A						
Port 40	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 41	Mid Channel, 3840 MHz		36.434	0	36.4	N/A	Within Tolerance
	N/A						
	N/A						
Port 42	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 43	Mid Channel, 3840 MHz		36.534	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 44	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 45	Mid Channel, 3840 MHz		36.372	0	36.4	N/A	Within Tolerance
	N/A						
	N/A						
Port 46	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 47	Mid Channel, 3840 MHz		36.331	0	36.3	N/A	Within Tolerance
	N/A						
	N/A						
Port 48	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 49	Mid Channel, 3840 MHz		36.328	0	36.3	N/A	Within Tolerance
	N/A						
	N/A						
Port 50	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 51	Mid Channel, 3840 MHz		36.526	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 52	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 53	Mid Channel, 3840 MHz		36.536	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 54	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 55	Mid Channel, 3840 MHz		36.542	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 56	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 57	Mid Channel, 3840 MHz		36.737	0	36.7	N/A	Within Tolerance
	N/A						
	N/A						
Port 58	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 59	Mid Channel, 3840 MHz		36.683	0	36.7	N/A	Within Tolerance
	N/A						
	N/A						
Port 60	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 61	Mid Channel, 3840 MHz		36.362	0	36.4	N/A	Within Tolerance
	N/A						
	N/A						
Port 62	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 63	Mid Channel, 3840 MHz		36.524	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 64	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 65	Mid Channel, 3840 MHz		36.334	0	36.3	N/A	Within Tolerance
	N/A						
	N/A						
Port 66	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 67	Mid Channel, 3840 MHz		36.514	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 68	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 69	Mid Channel, 3840 MHz		36.451	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 70	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 71	Mid Channel, 3840 MHz		36.48	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 72	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 73	Mid Channel, 3840 MHz		36.54	0	36.5	N/A	Within Tolerance
	N/A						
	N/A						
Port 74	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 75	Mid Channel, 3840 MHz		36.418	0	36.4	N/A	Within Tolerance
	N/A						
	N/A						
Port 76	Band n77, 3700 - 3980 MHz						
	100 MHz Bandwidth						
	256QAM Modulation						
Port 77	Mid Channel, 3840 MHz		36.3	0	36.3	N/A	Within Tolerance
	N/A						
	N/A						

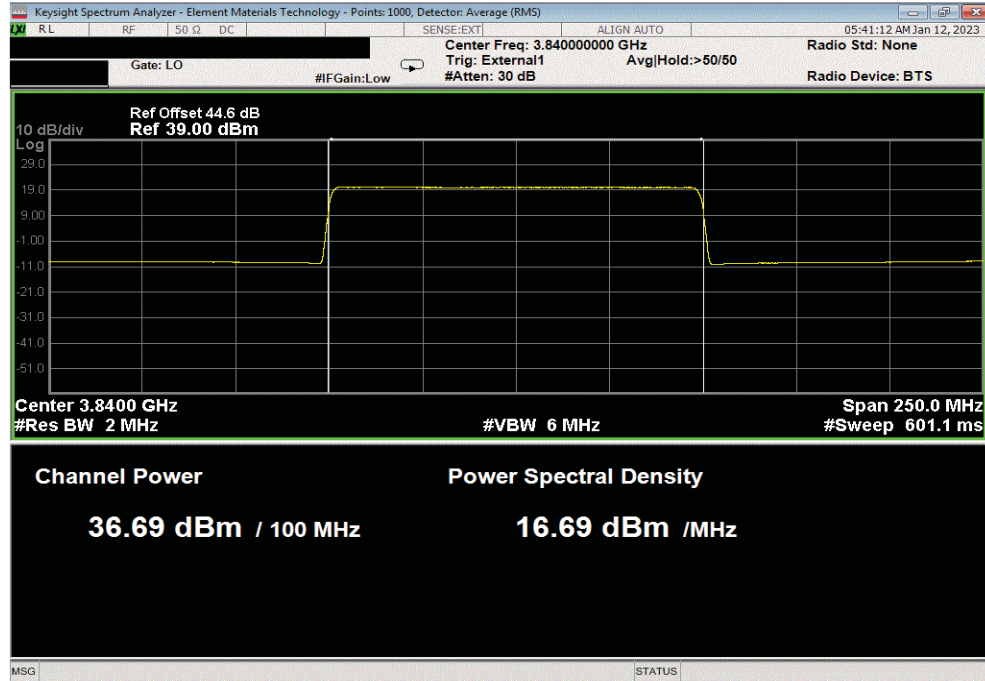
Port 58	Mid Channel, 3840 MHz		36.594	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz 100 MHz Bandwidth 256QAM Modulation							
Port 59	Mid Channel, 3840 MHz		36.567	0	36.6	N/A	Within Tolerance	N/A
	Band n77, 3700 - 3980 MHz 100 MHz Bandwidth 256QAM Modulation							
Port 60	Mid Channel,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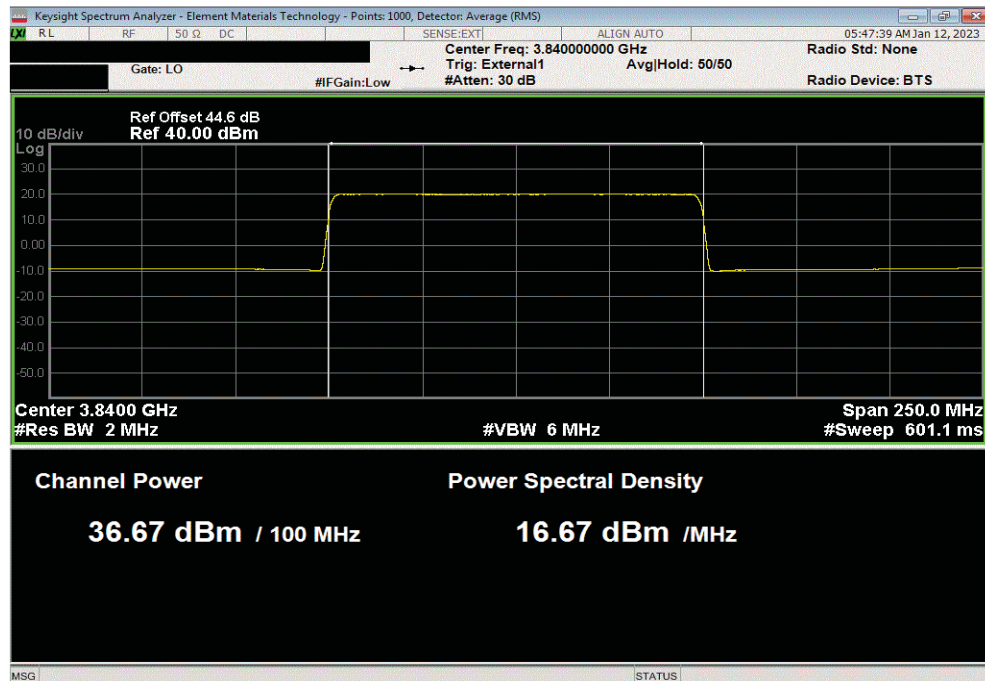


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Port 0, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.692	0	36.7	N/A	Within Tolerance	N/A	



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

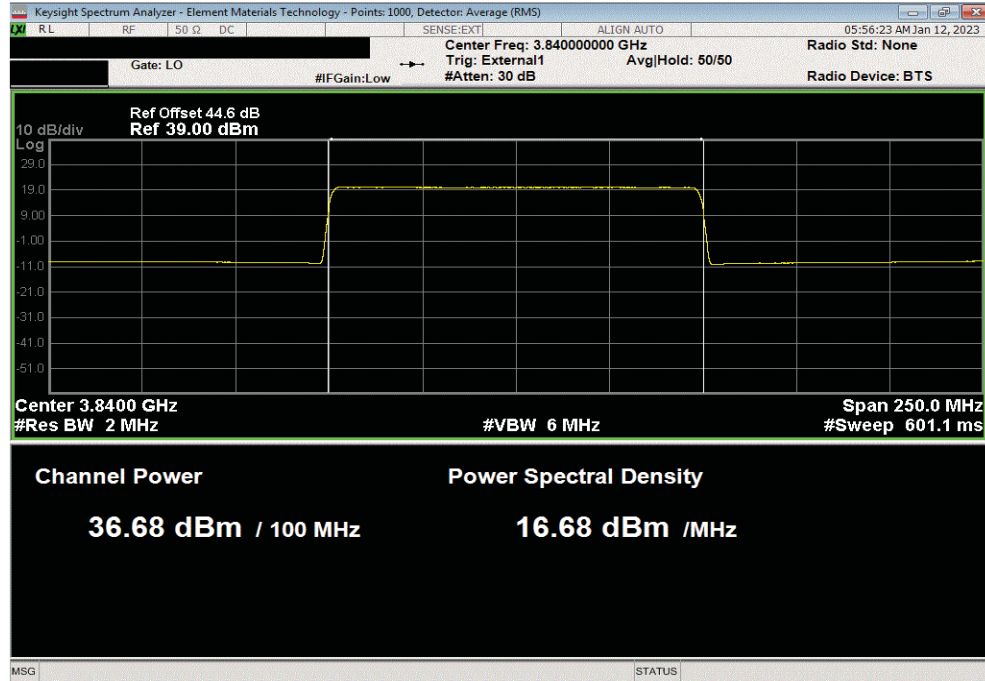


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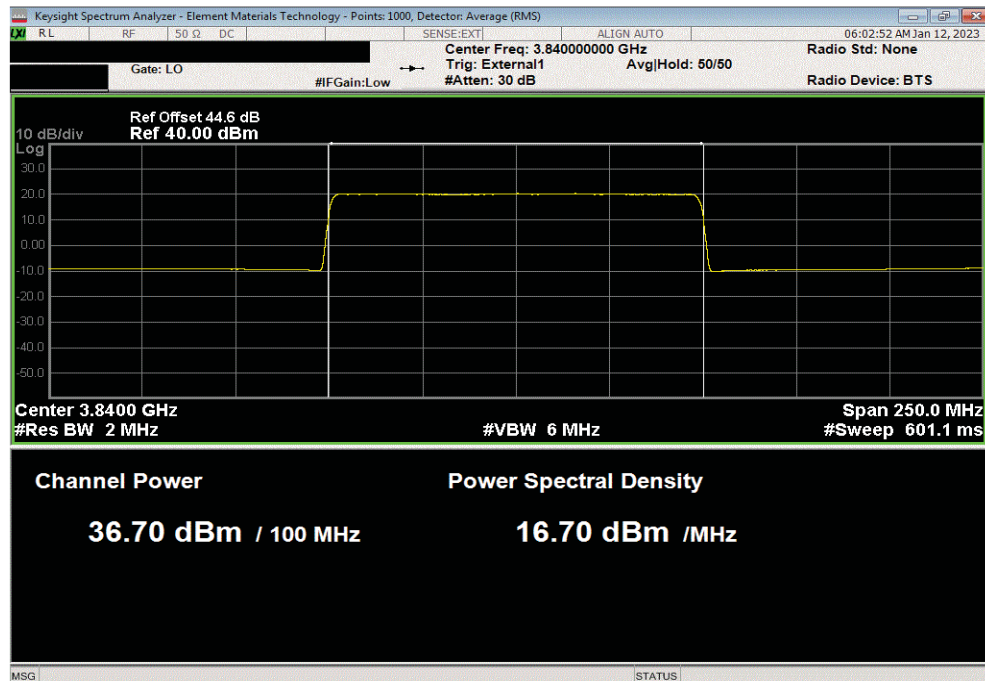


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Port 2, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
36.679	0	36.7	N/A	Within Tolerance	N/A	



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	

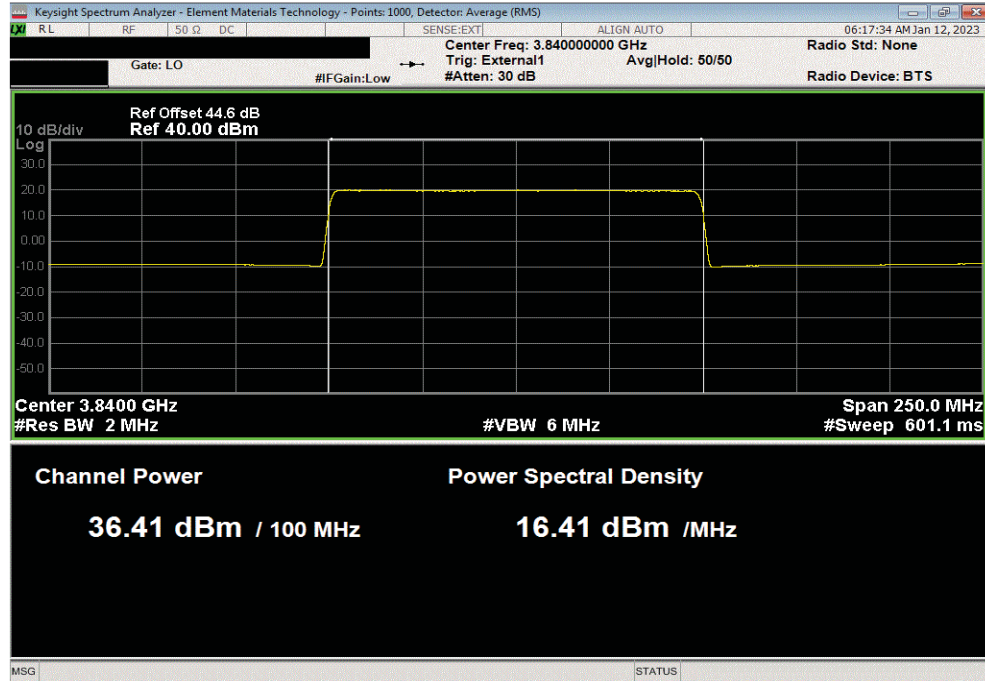


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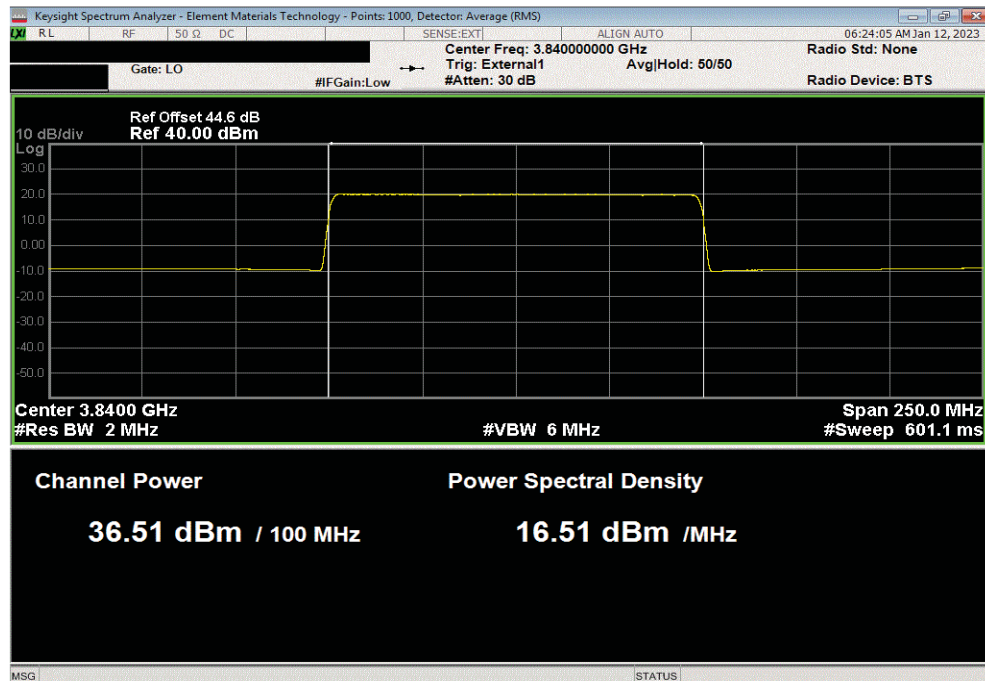


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Port 4, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.412	0	36.4	N/A	Within Tolerance	N/A	



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

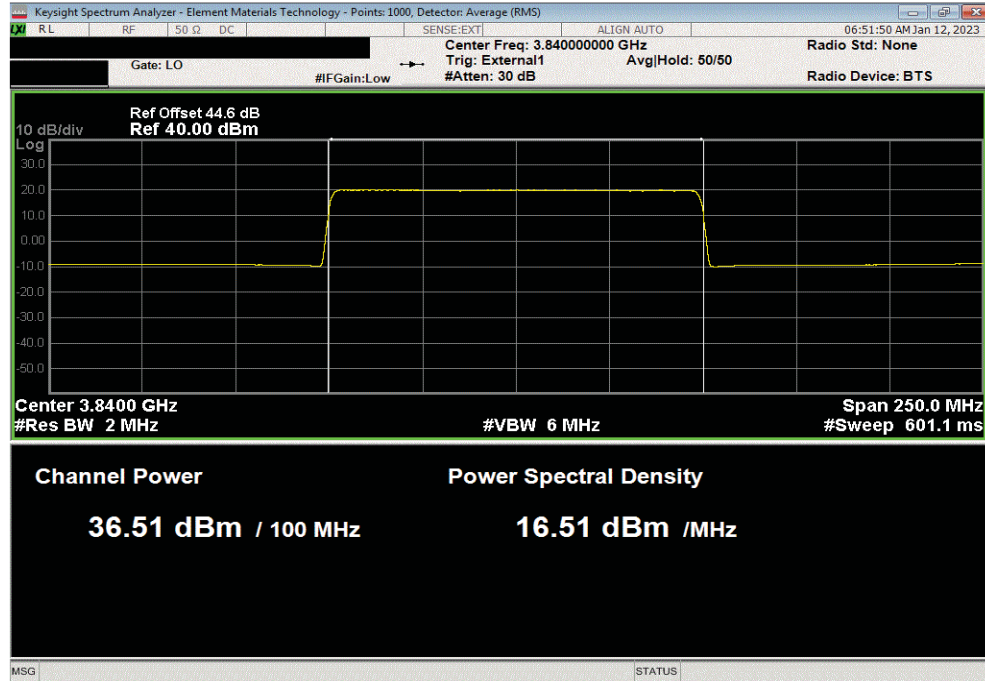


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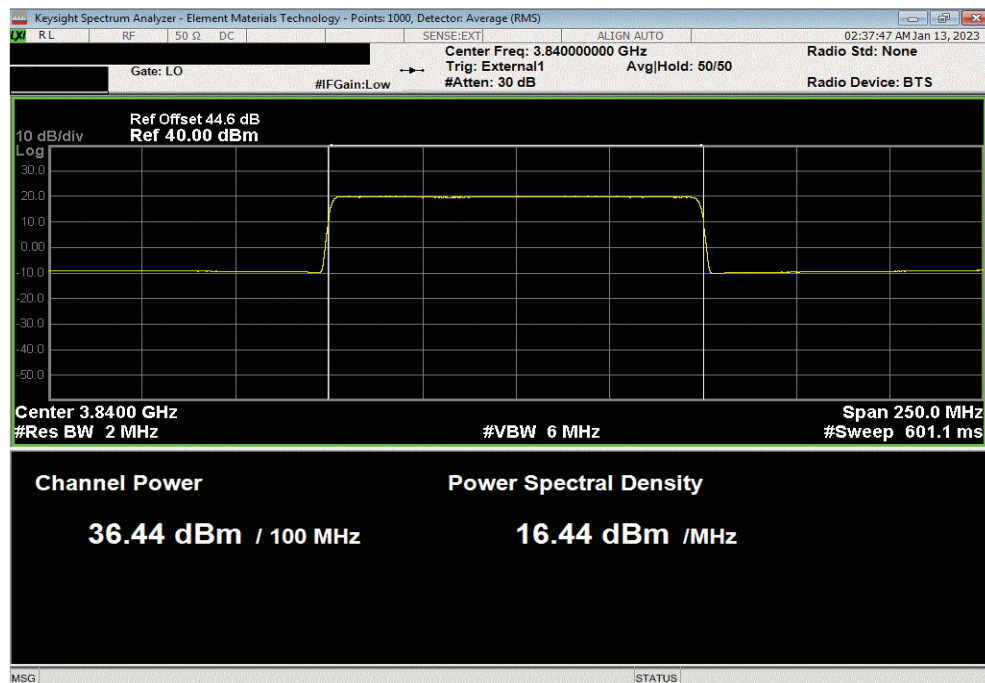


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Port 6, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.508	0	36.5	N/A	Within Tolerance	N/A	



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

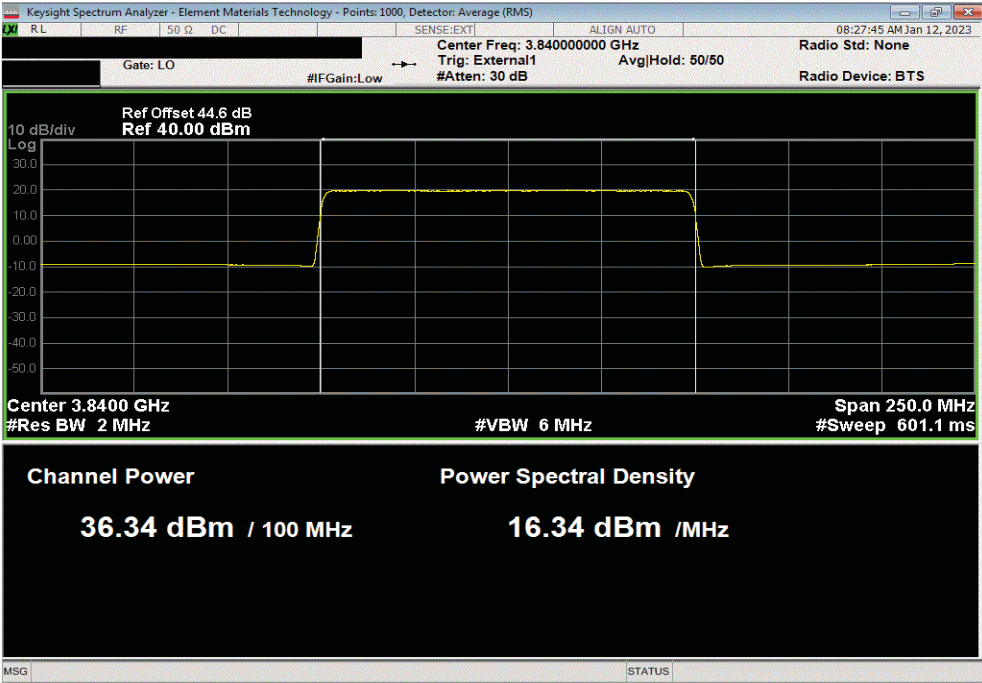


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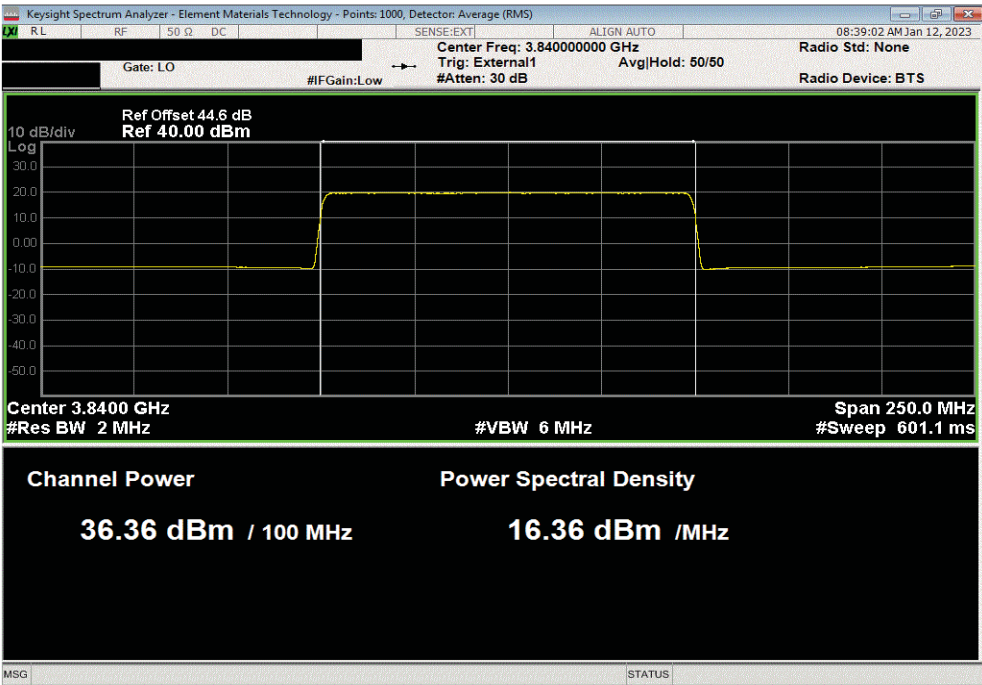


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Port 8, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.335	0	36.3	N/A	Within Tolerance	N/A	



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

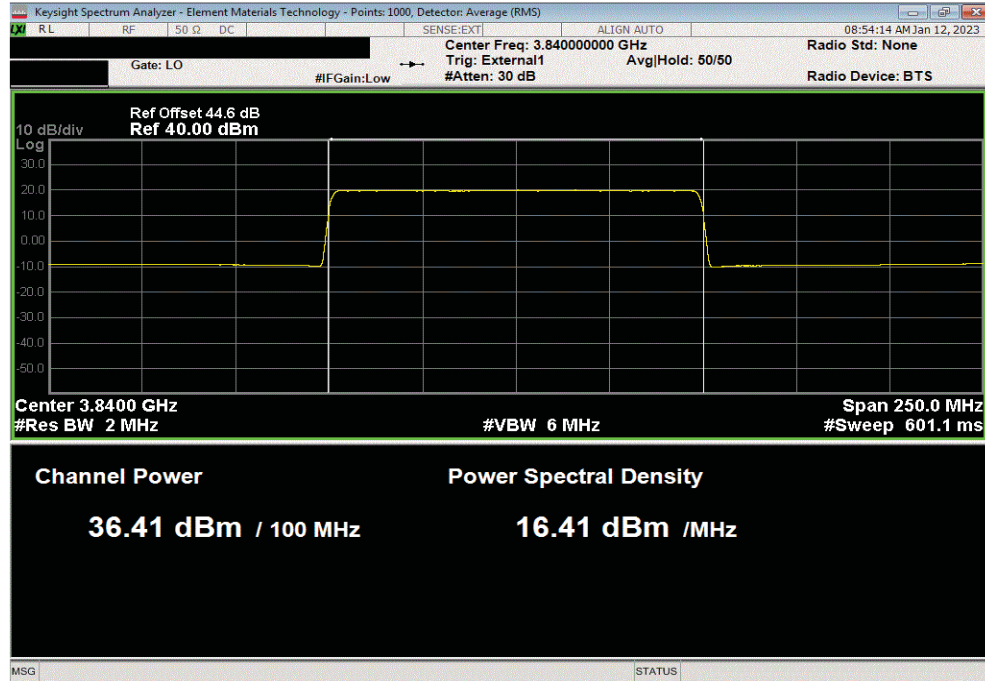


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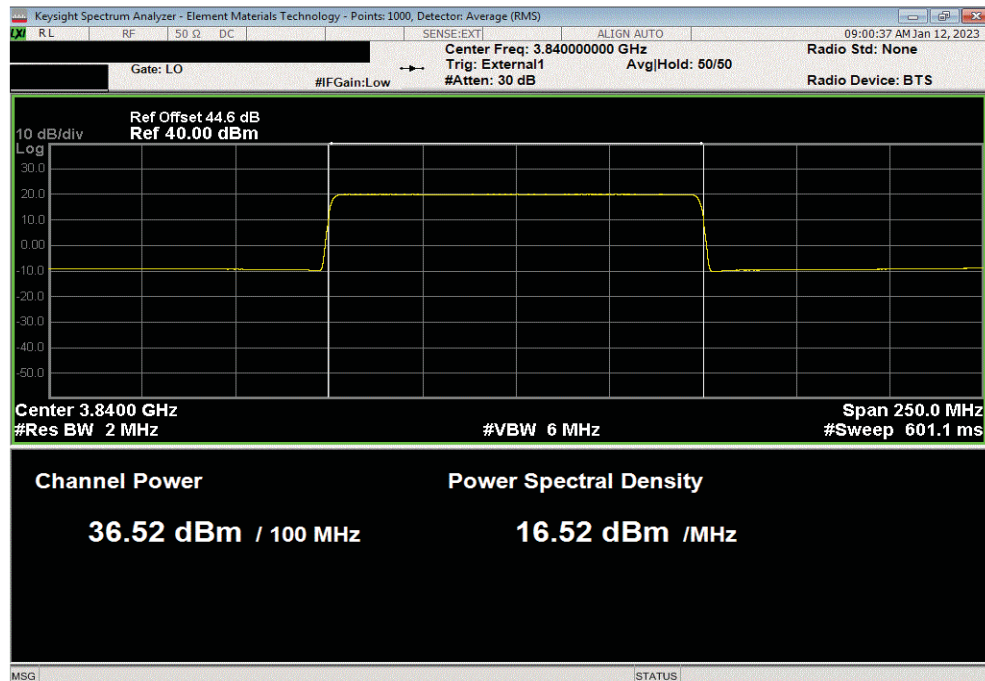


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Port 10, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.409	0	36.4	N/A	Within Tolerance	N/A	



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

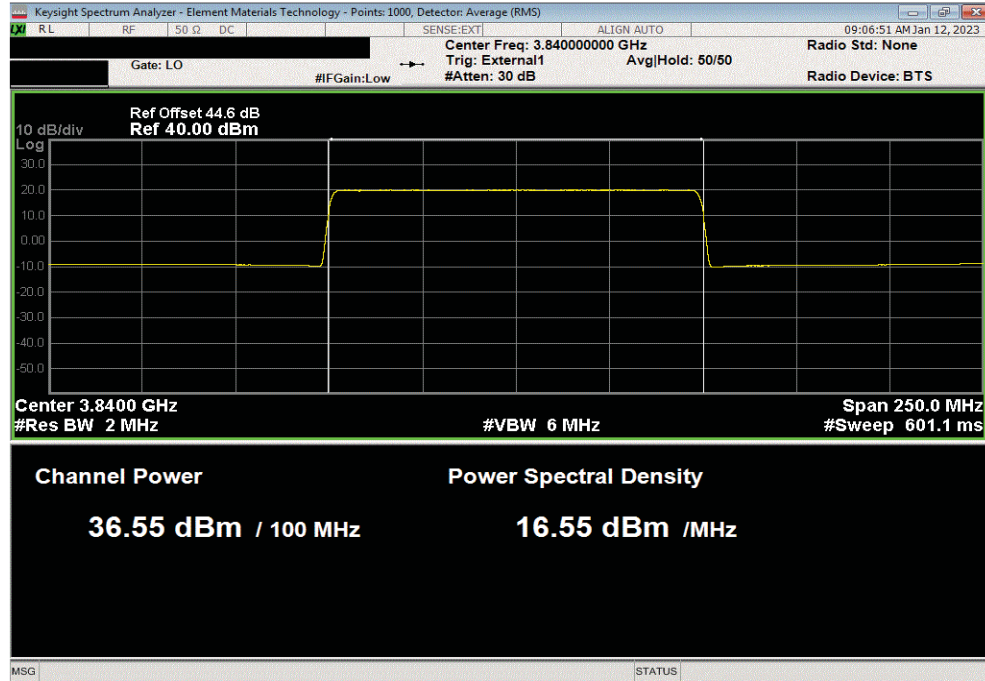


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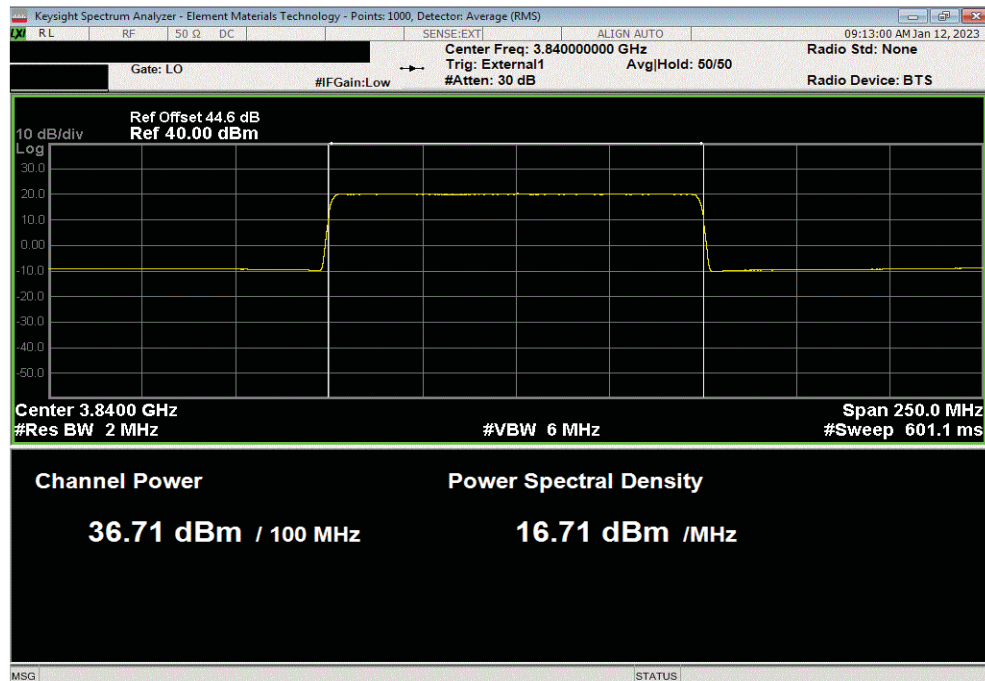


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Port 12, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.549	0	36.5	N/A	Within Tolerance	N/A	



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

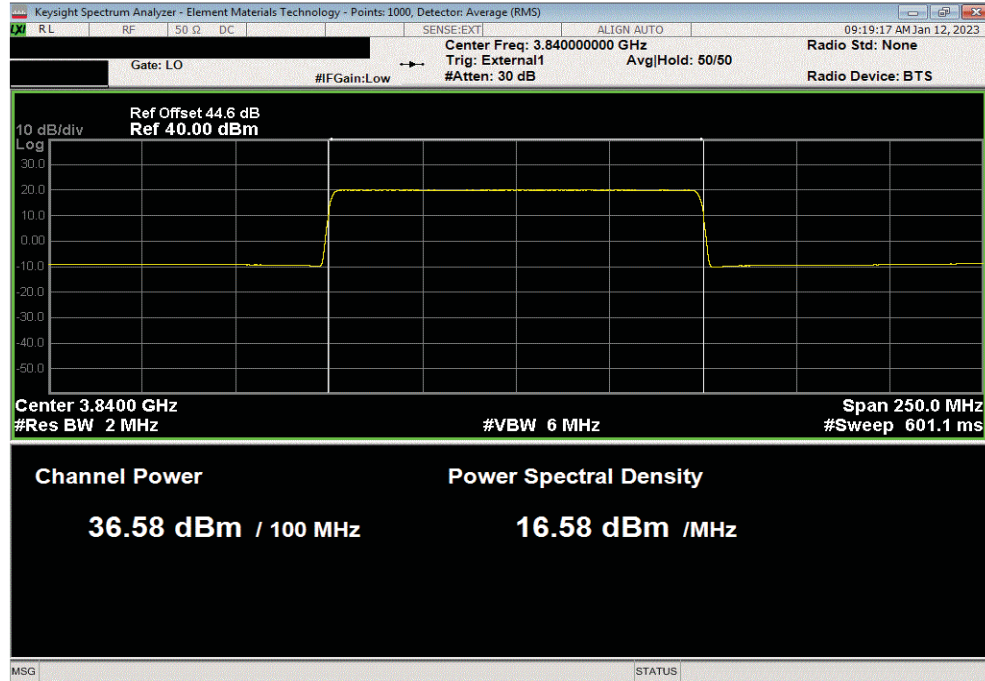


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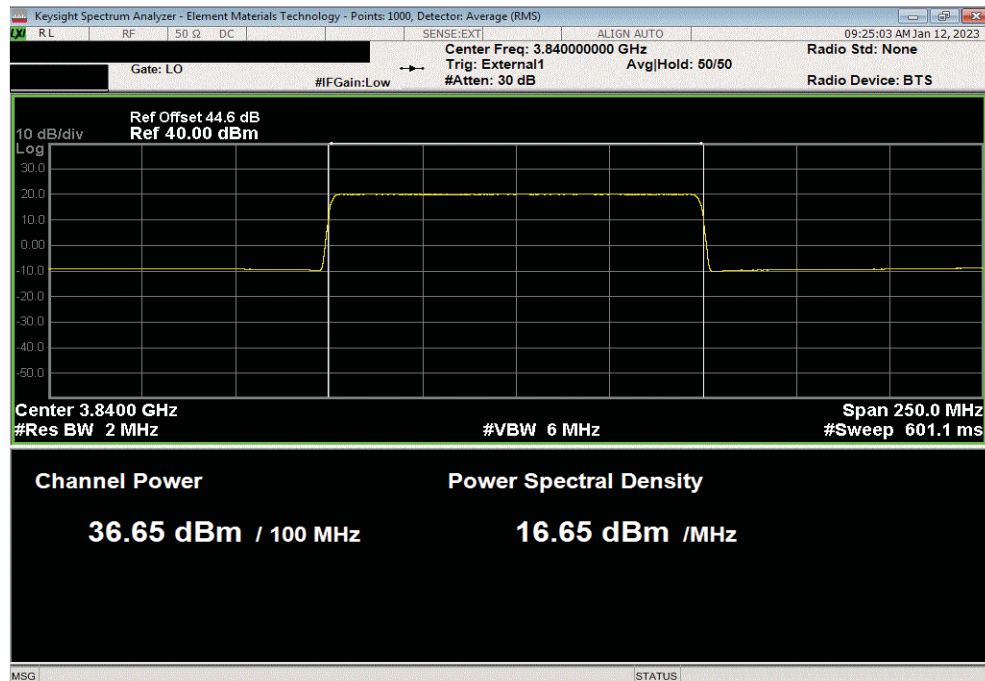


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Port 14, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.576	0	36.6	N/A	Within Tolerance	N/A	



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

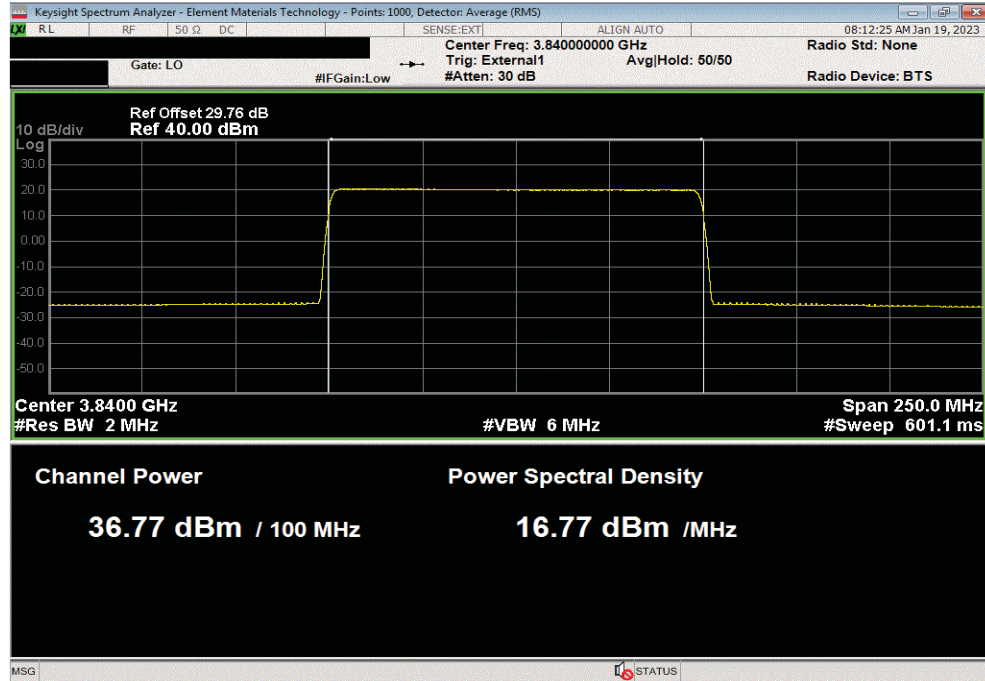


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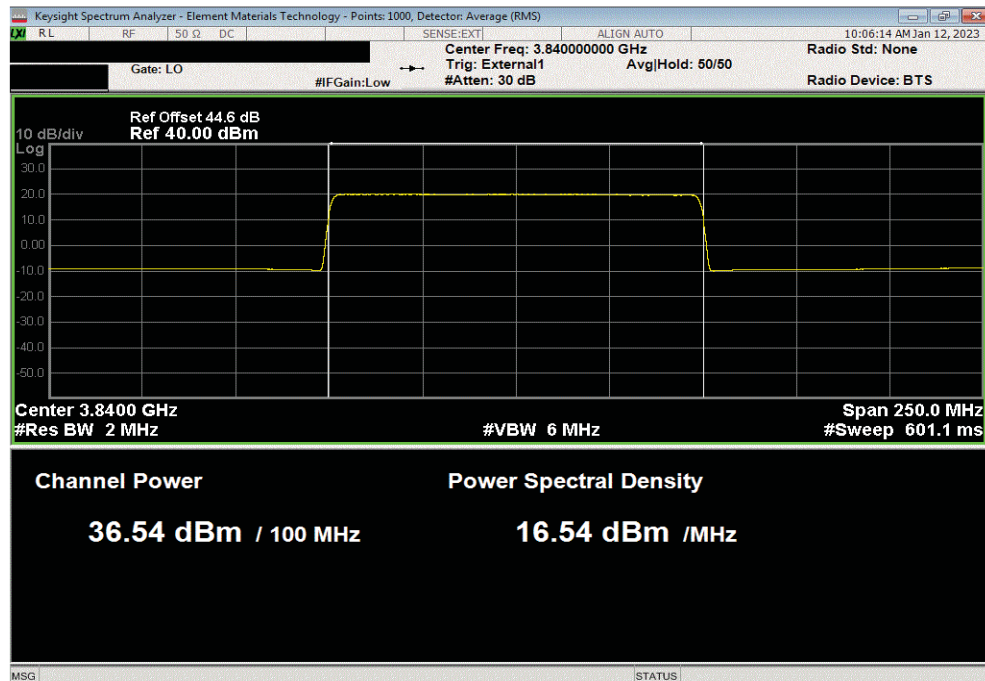


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Port 16, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.774	0	36.8	N/A	Within Tolerance	N/A	



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

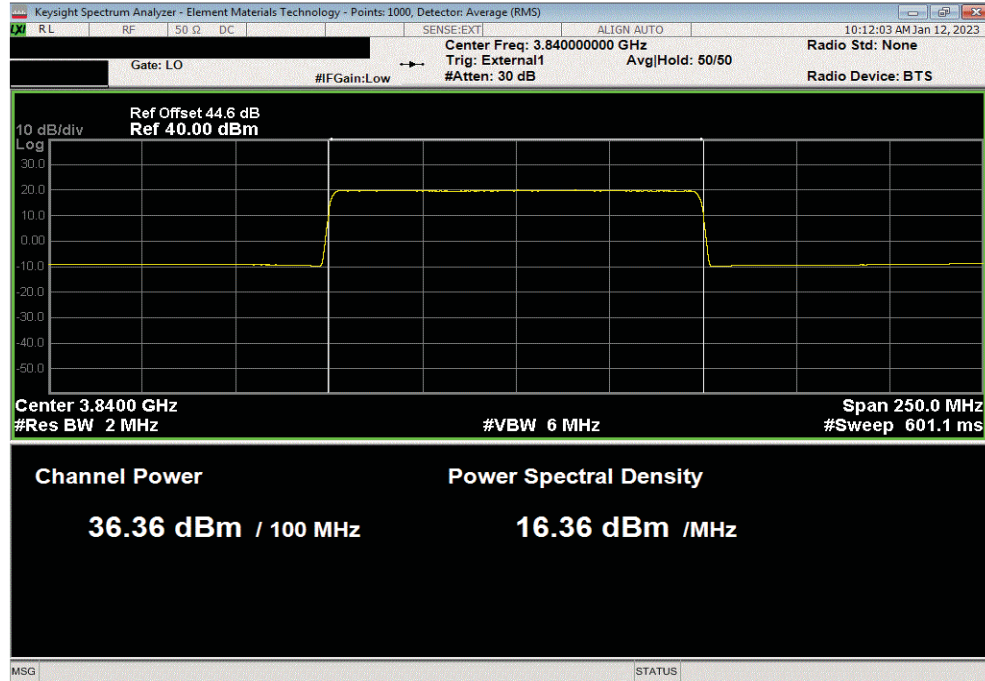


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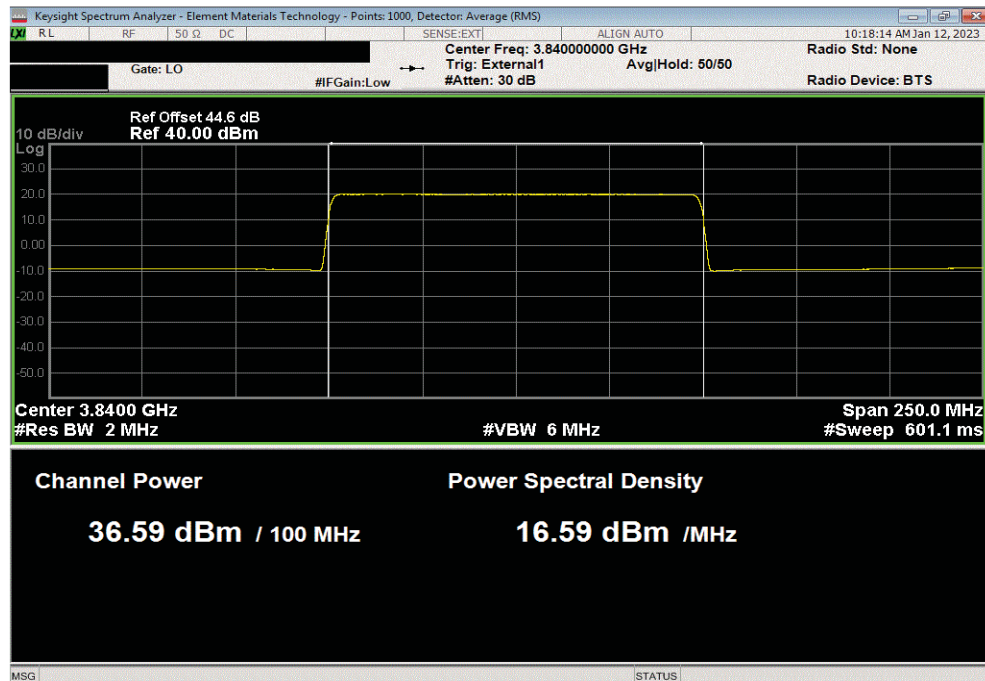


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Port 18, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	All Ports Value (dBm)	Limit	Results	
36.363	0	36.4	N/A	Within Tolerance	N/A	



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	

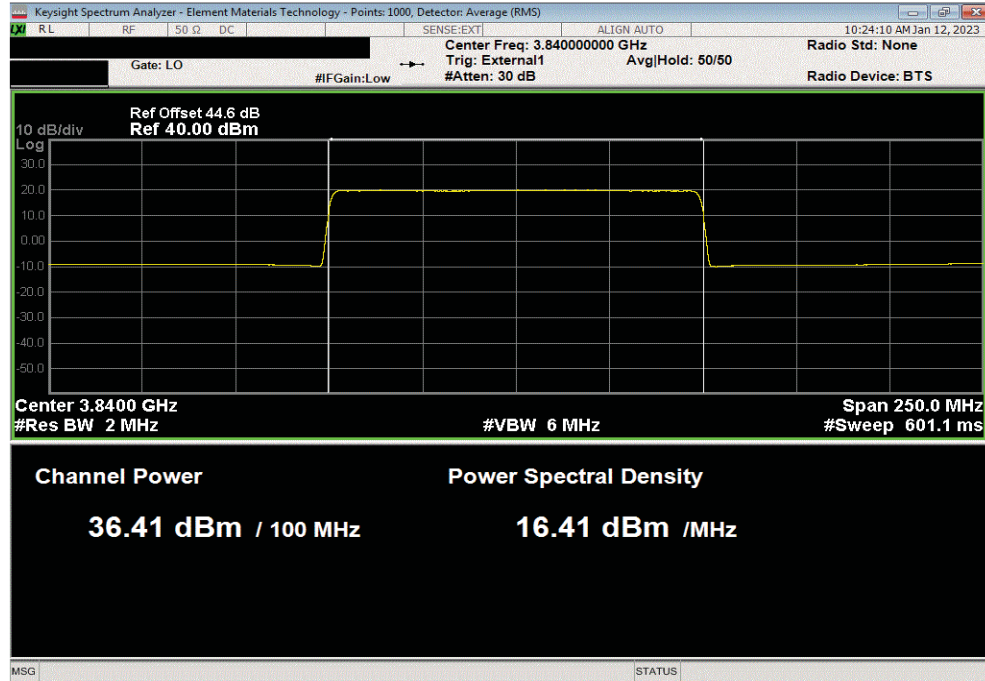


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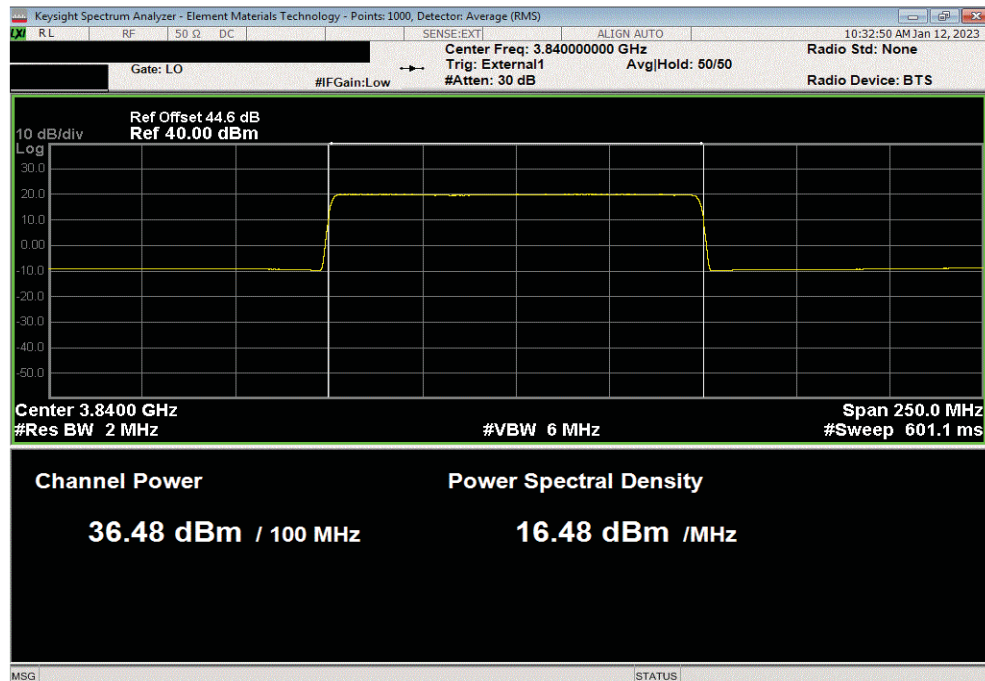


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Port 20, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.415	0	36.4	N/A	Within Tolerance	N/A	



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

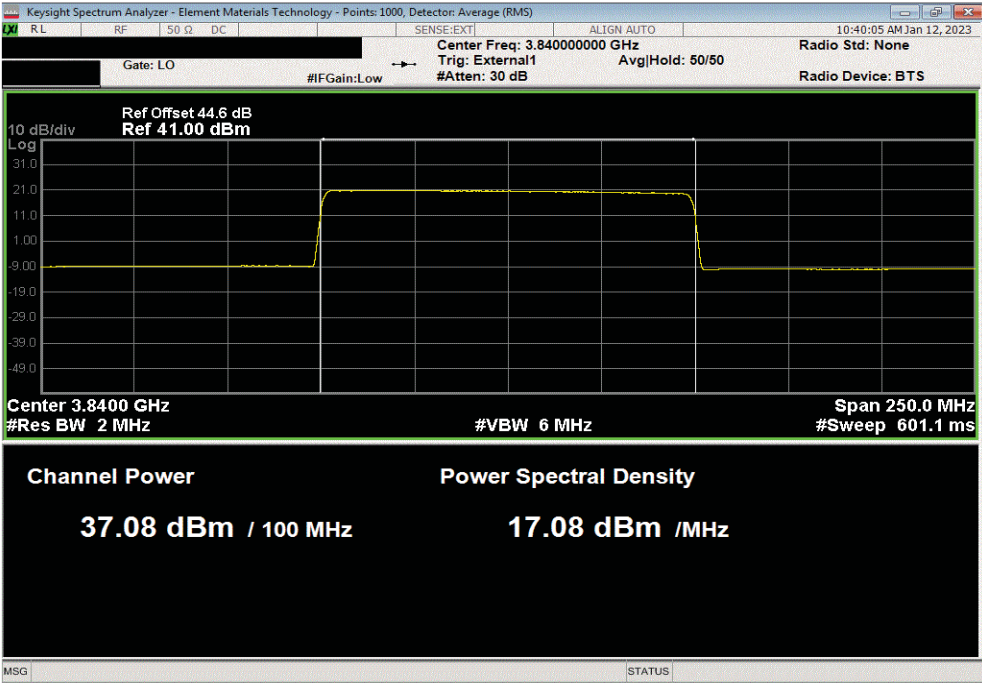


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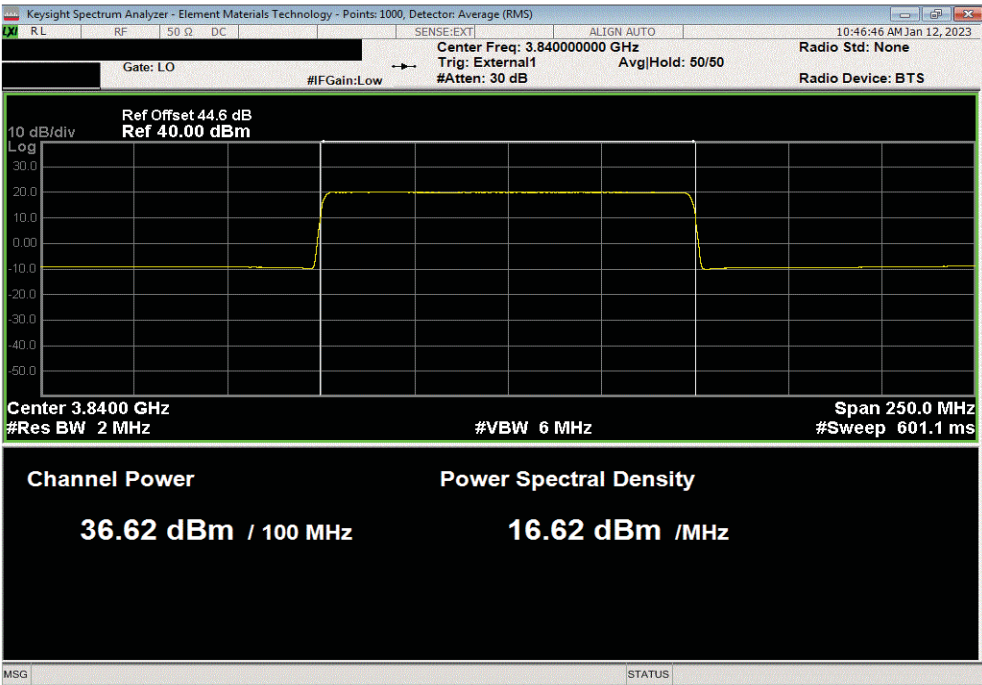


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Port 22, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
37.081	0	37.1	N/A	Within Tolerance	N/A	



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

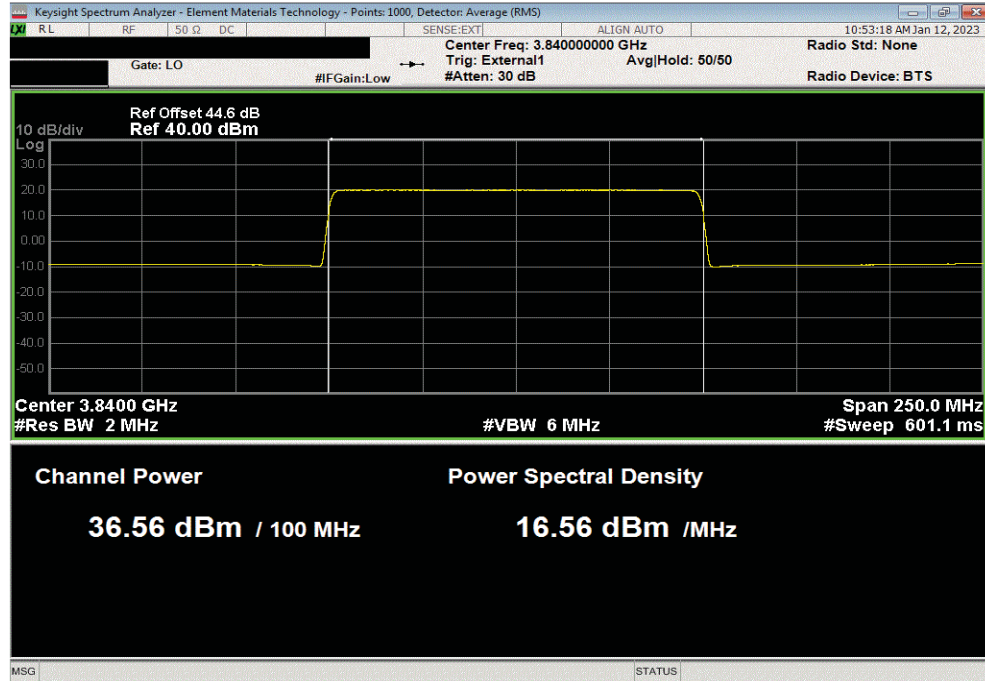


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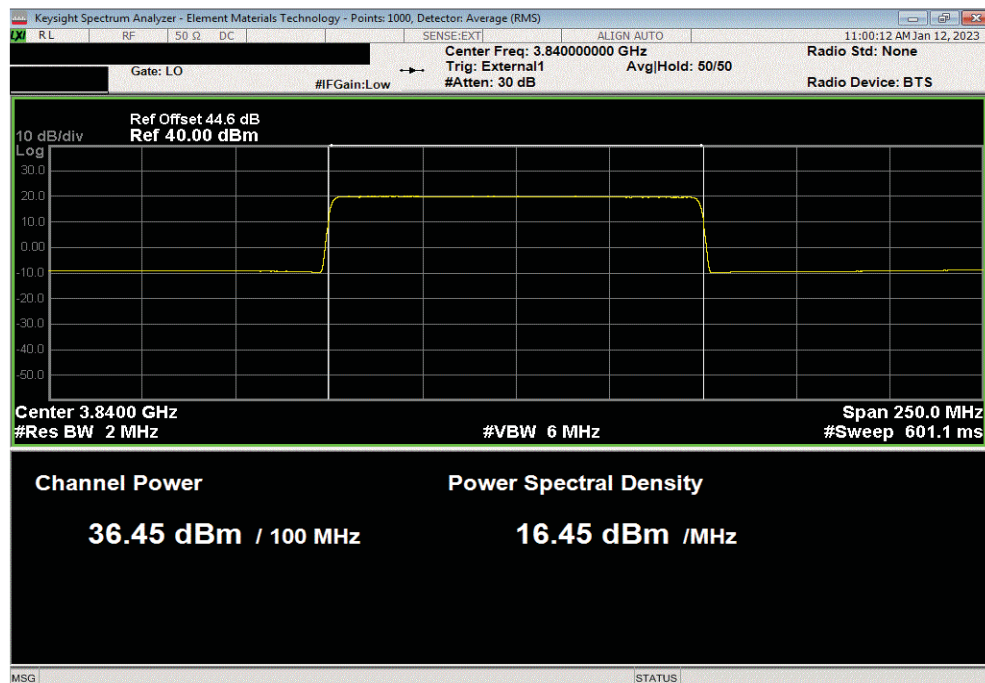


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Port 24, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.562	0	36.6	N/A	Within Tolerance	N/A	



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

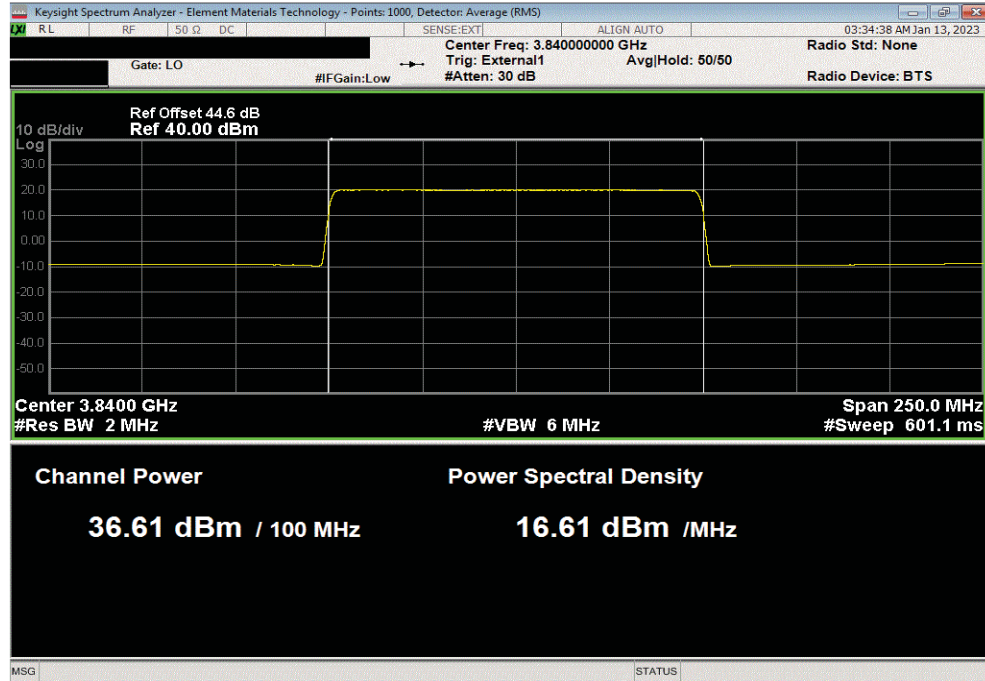


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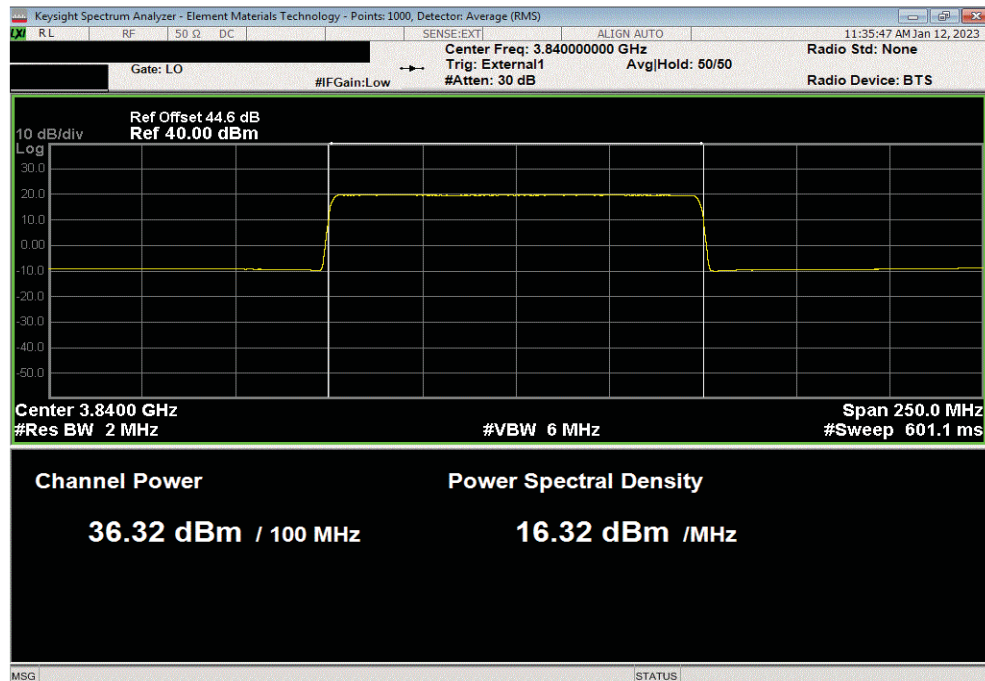


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Port 26, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.607	0	36.6	N/A	Within Tolerance	N/A	



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

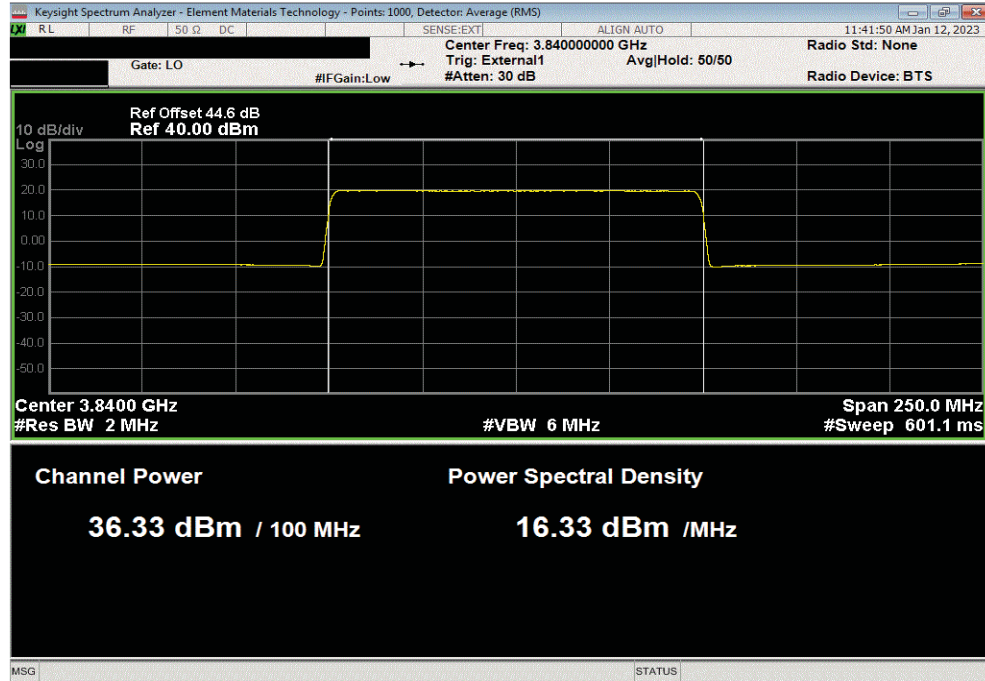


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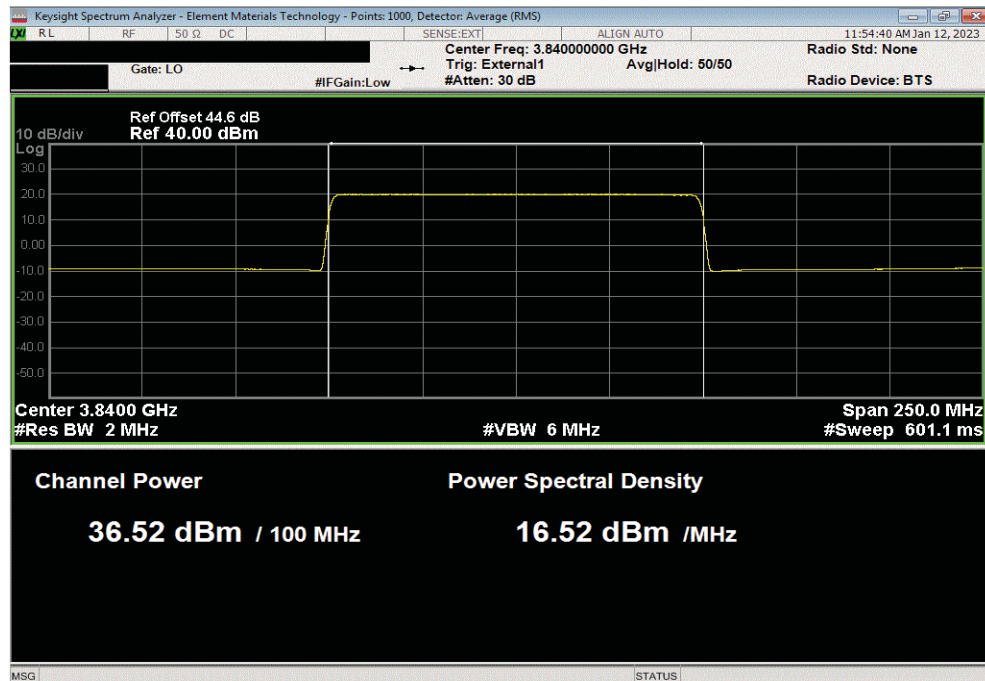


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Port 28, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.33	0	36.3	N/A	Within Tolerance	N/A	



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

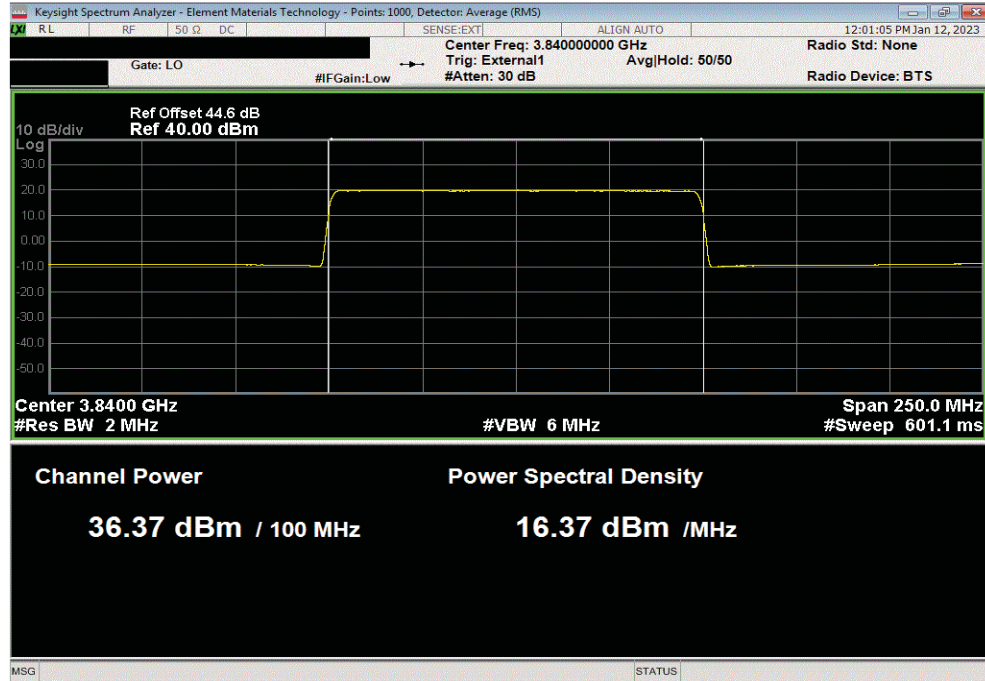


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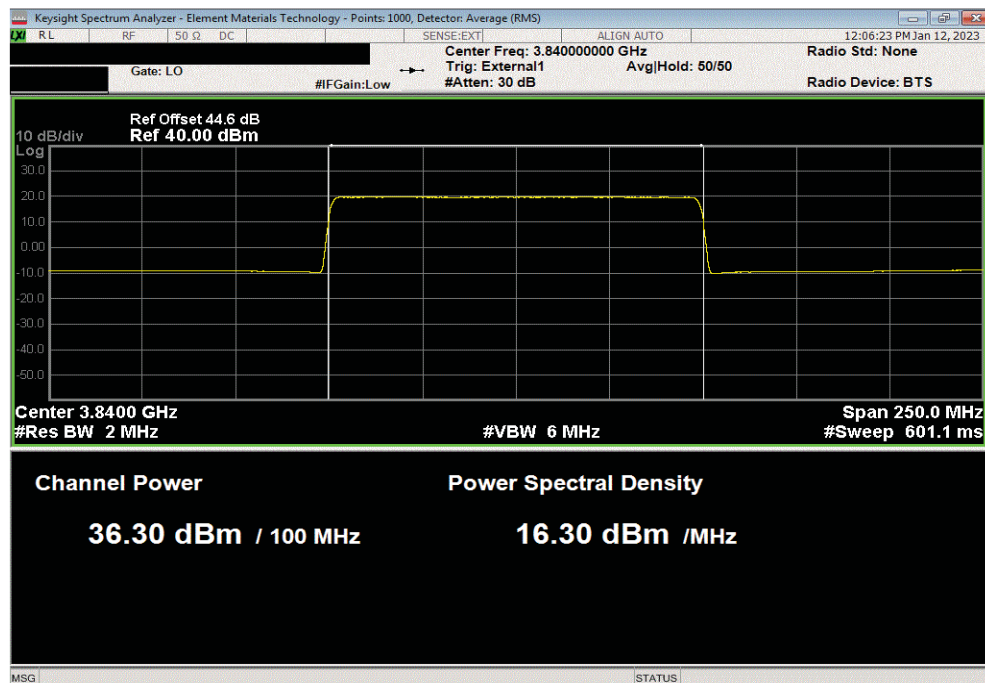


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Port 30, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.372	0	36.4	N/A	Within Tolerance	N/A	



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

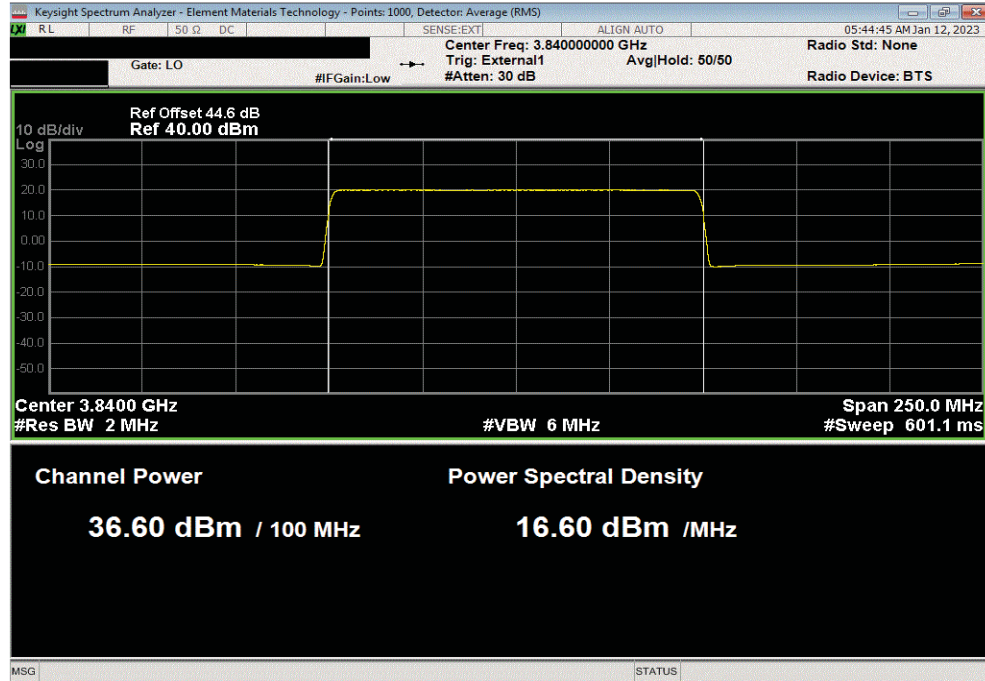


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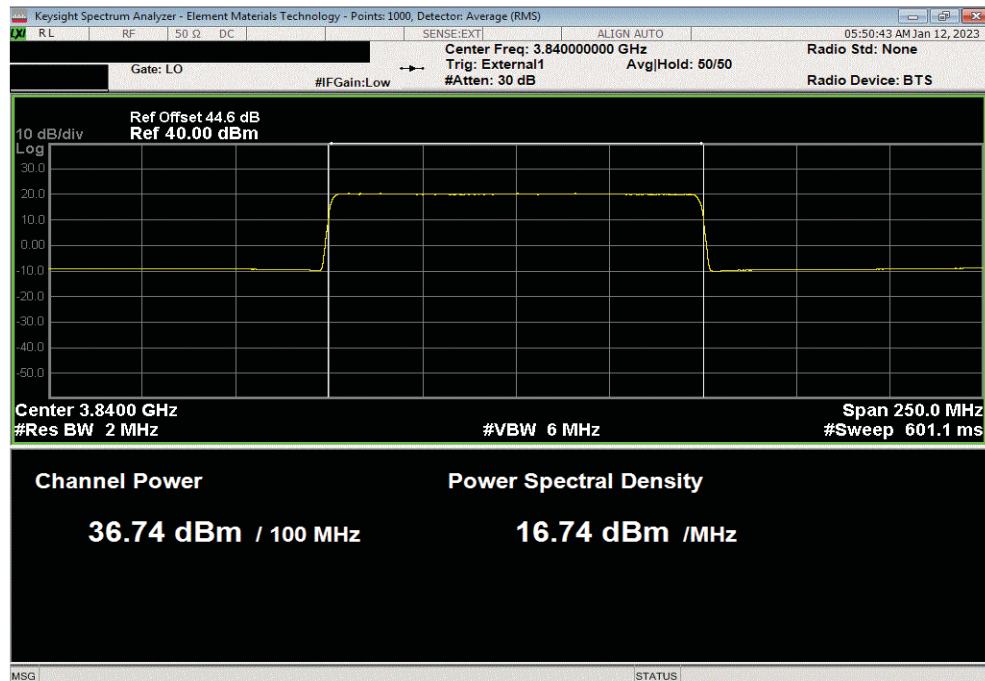


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Port 32, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.597	0	36.6	N/A	Within Tolerance	N/A	



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

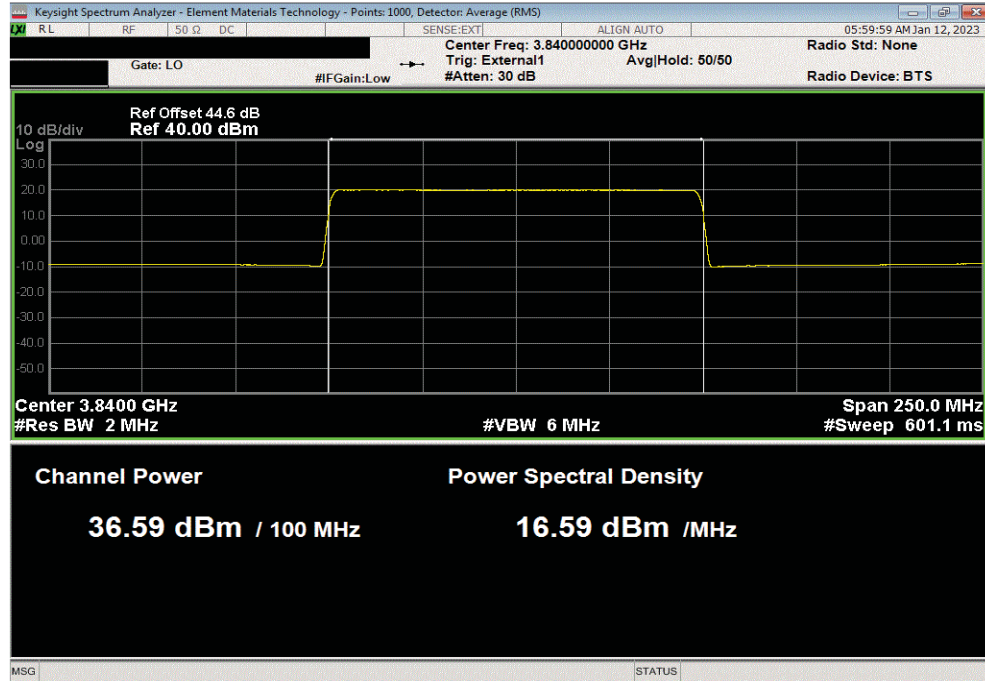


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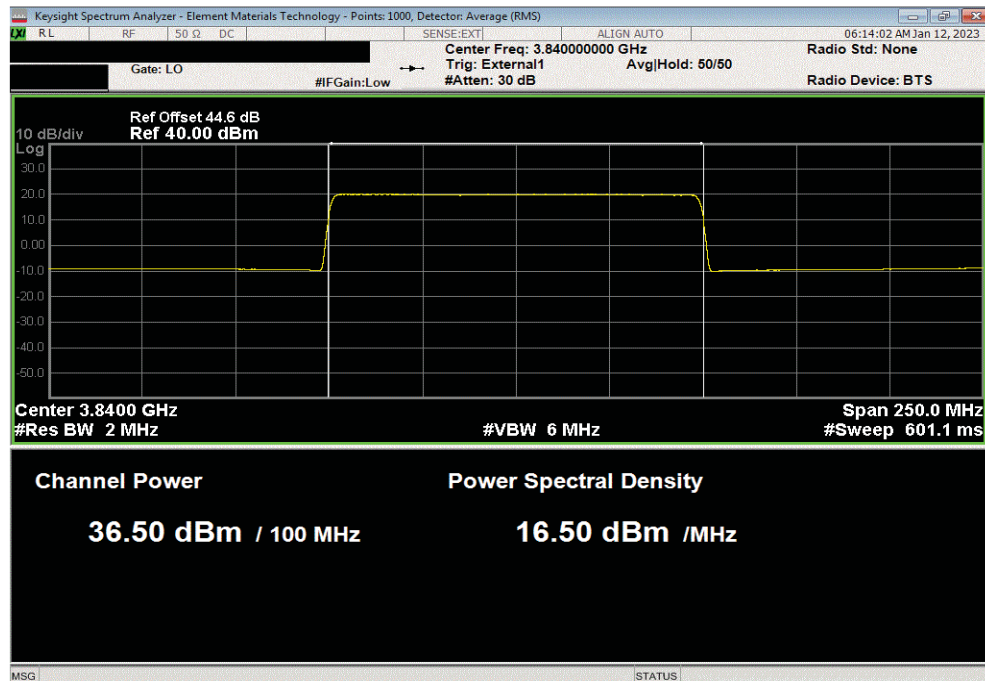


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Port 34, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.591	0	36.6	N/A	Within Tolerance	N/A	



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

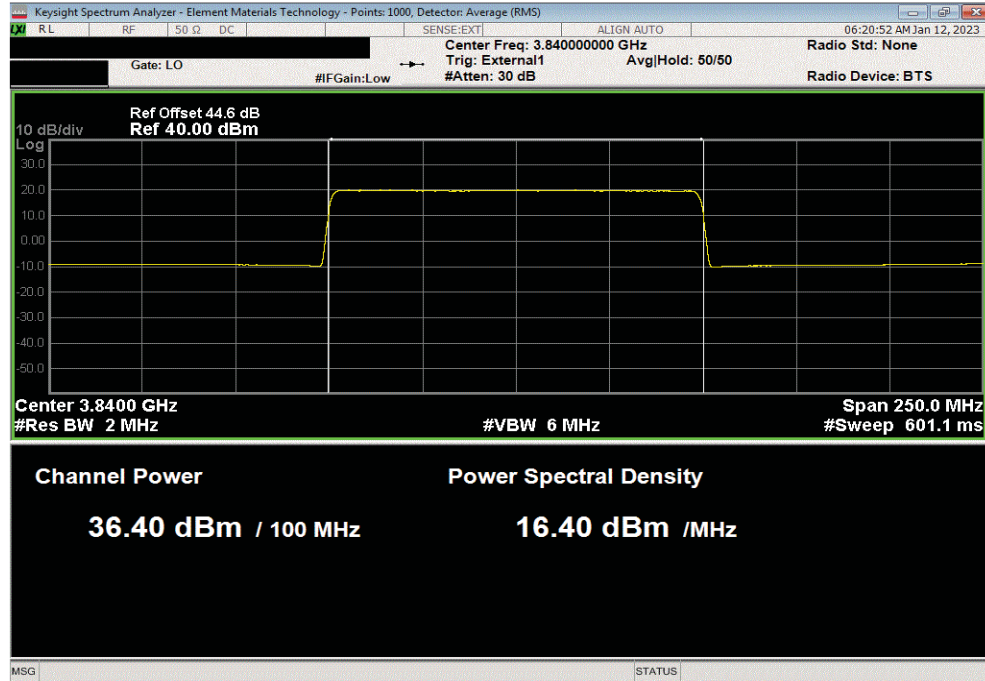


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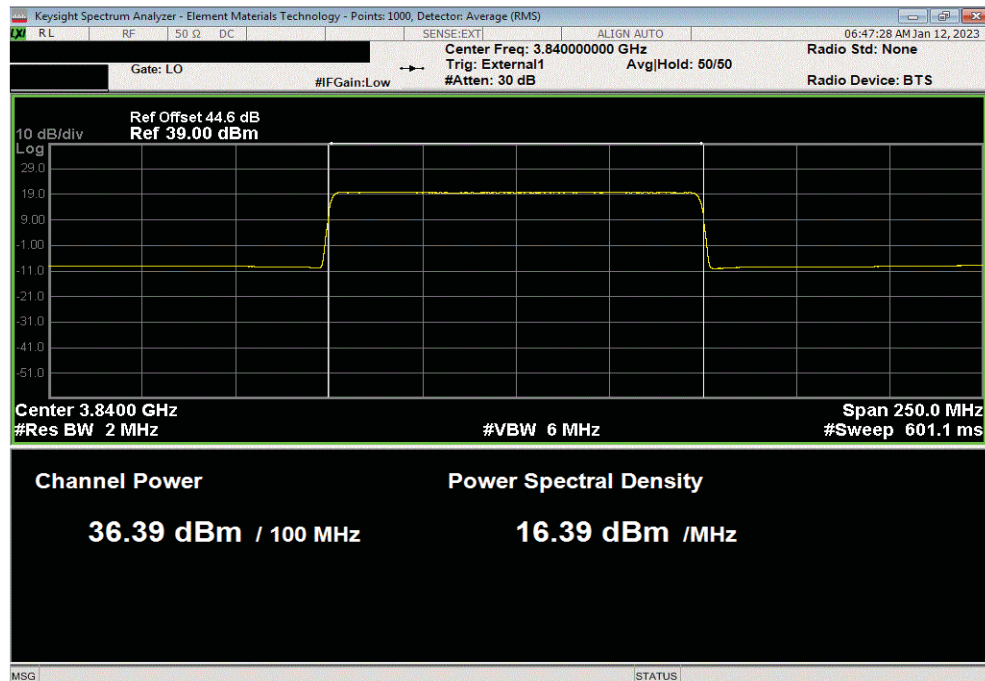


TMTx 2022.06.03.0 XMM 2022.02.07.0

Port 36, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.387	0	36.4	N/A	Within Tolerance	N/A	

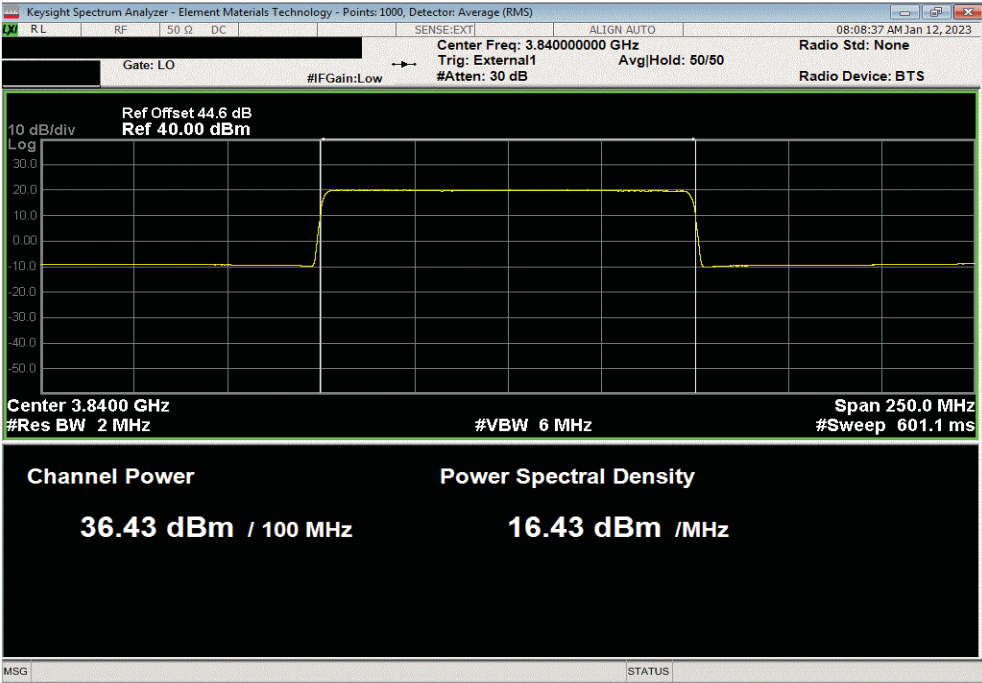


AVERAGE POWER - ALL PORTS SINGLE 3.7G

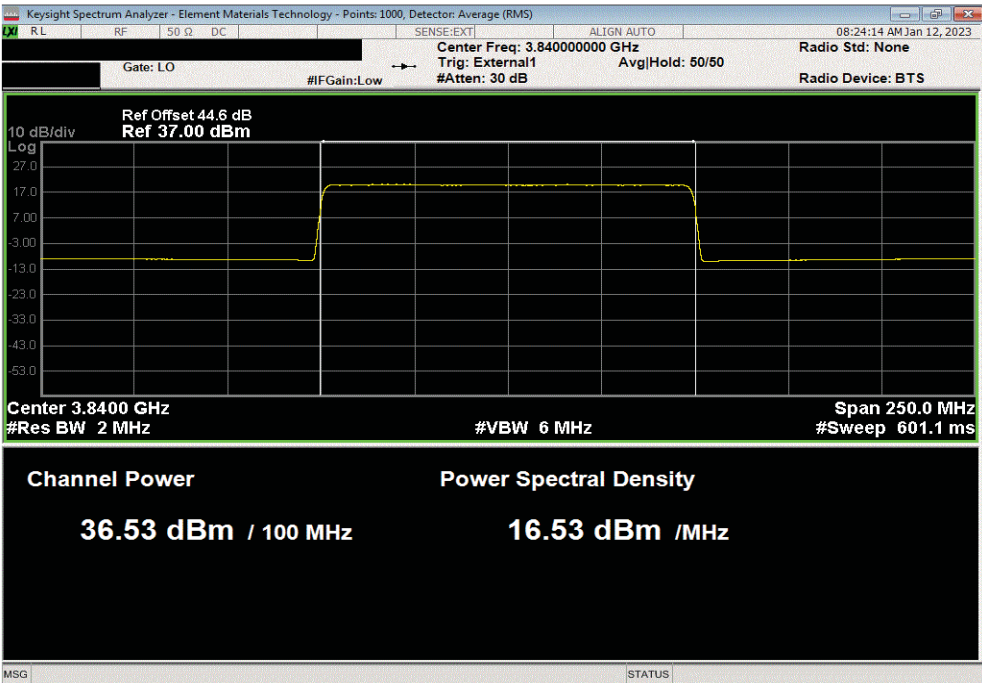


TMTx 2022.06.03.0 XMI 2022.02.07.0

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	

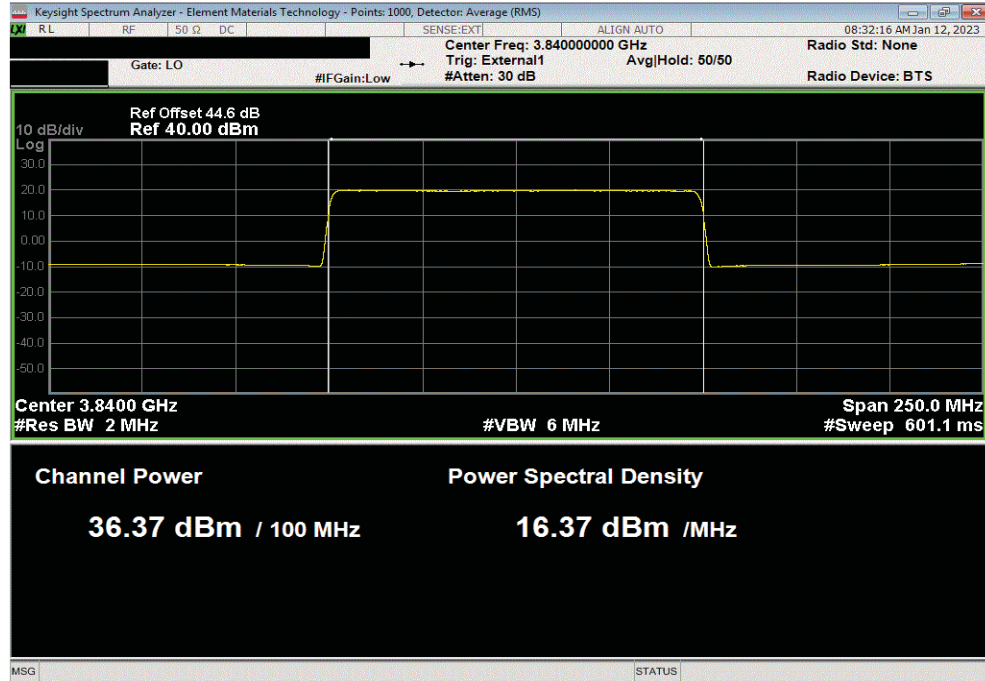


AVERAGE POWER - ALL PORTS SINGLE 3.7G

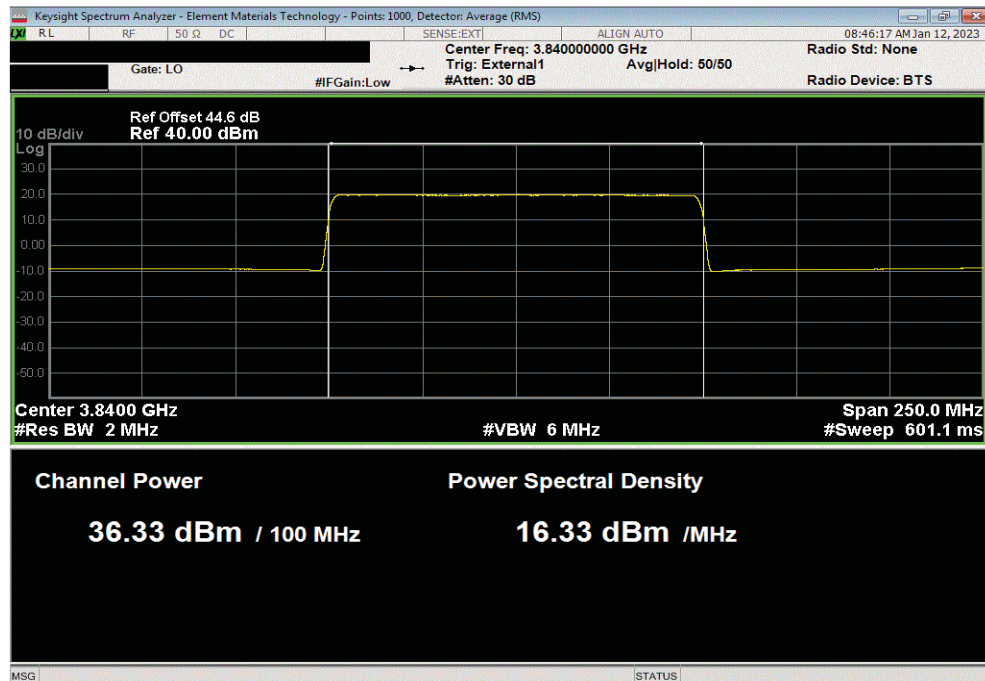


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 40, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.331	0	36.3	N/A	Within Tolerance	N/A	

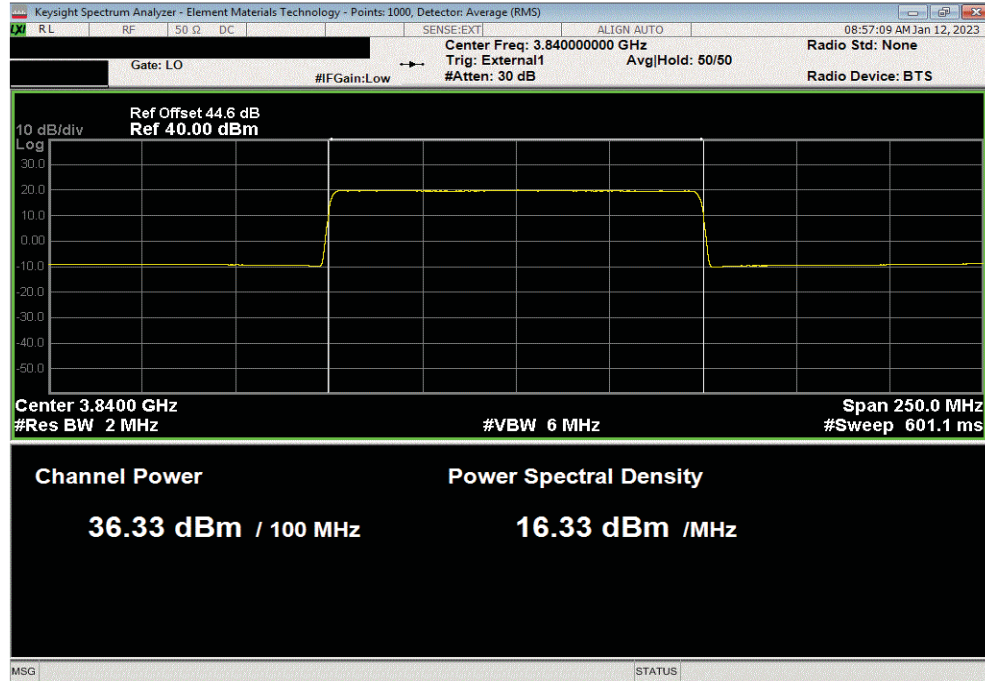


AVERAGE POWER - ALL PORTS SINGLE 3.7G

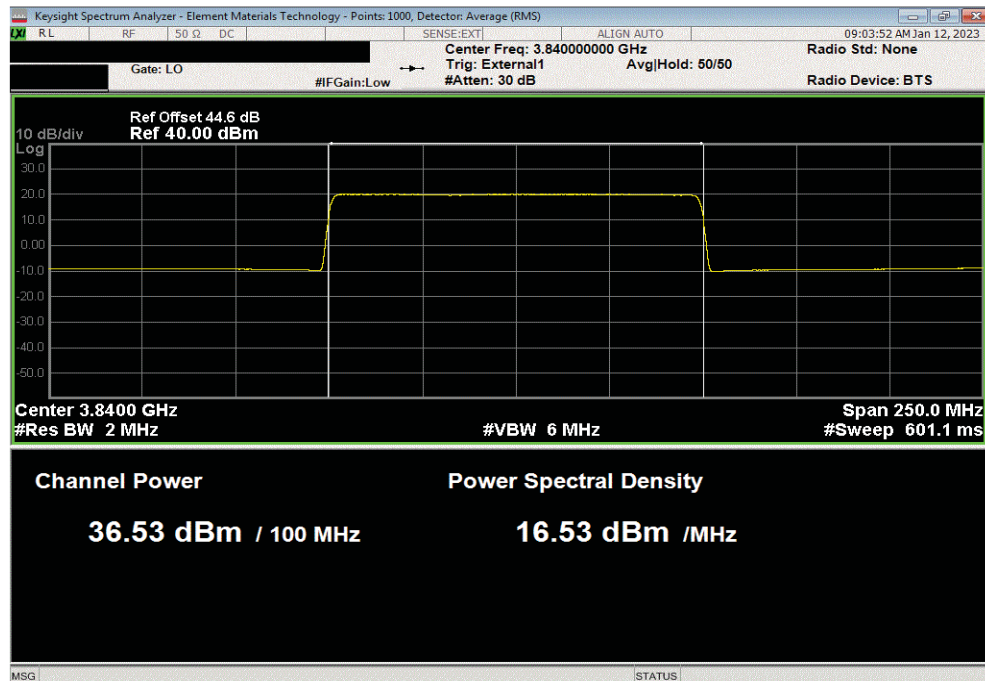


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 42, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.526	0	36.5	N/A	Within Tolerance	N/A	

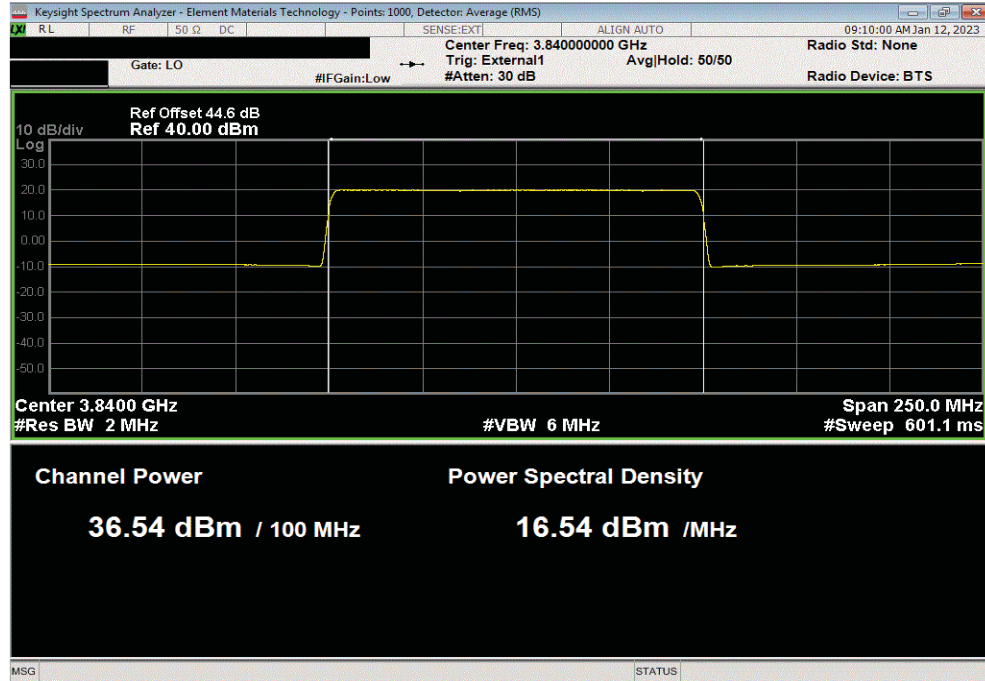


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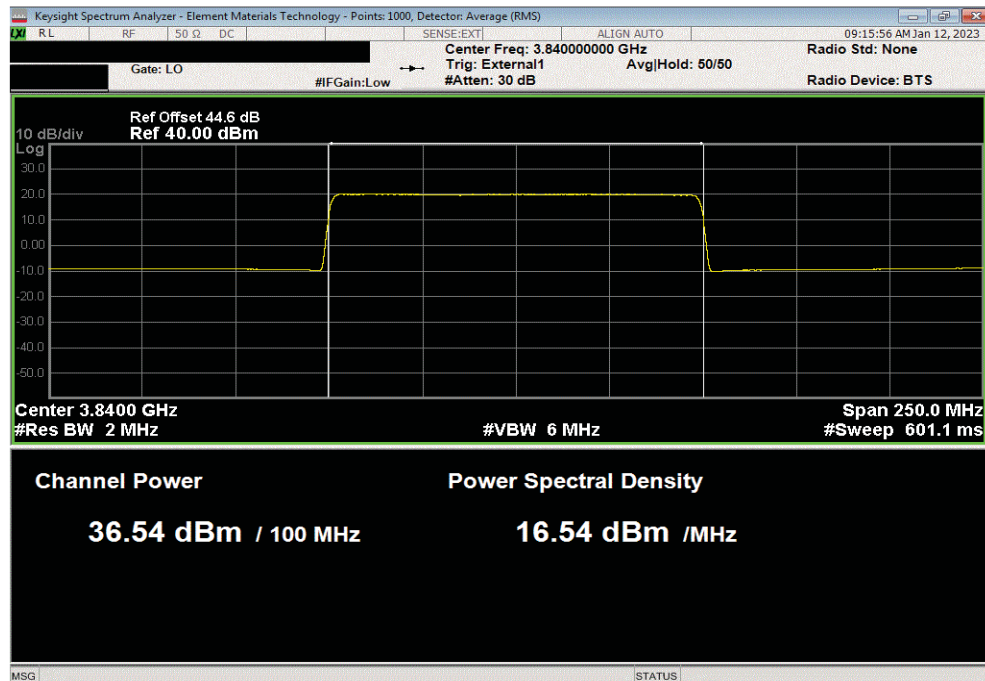


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 44, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.542	0	36.5	N/A	Within Tolerance	N/A	

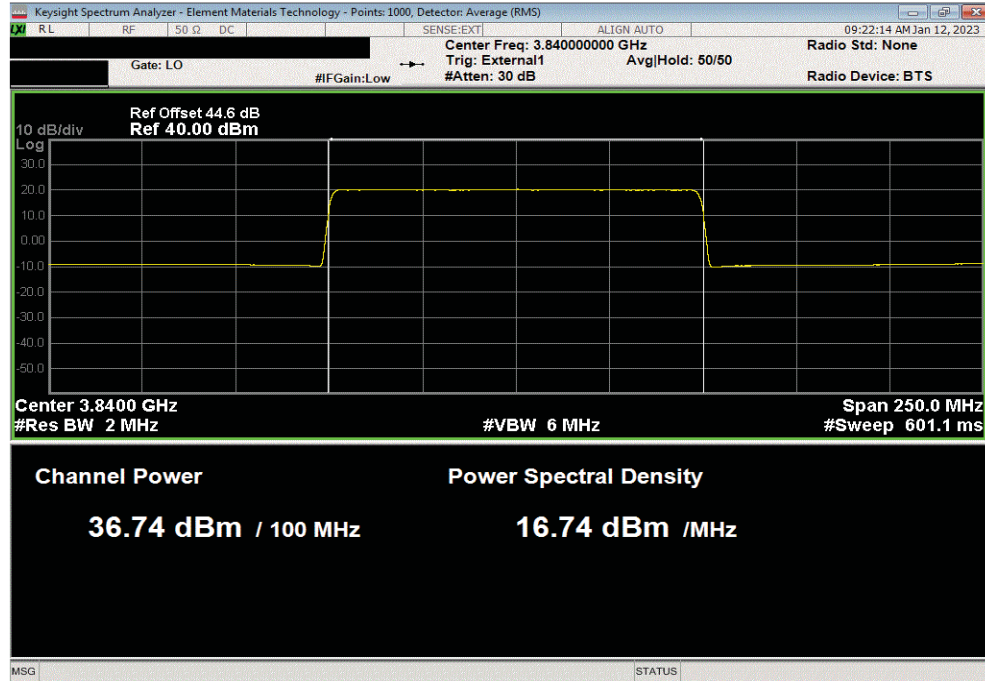


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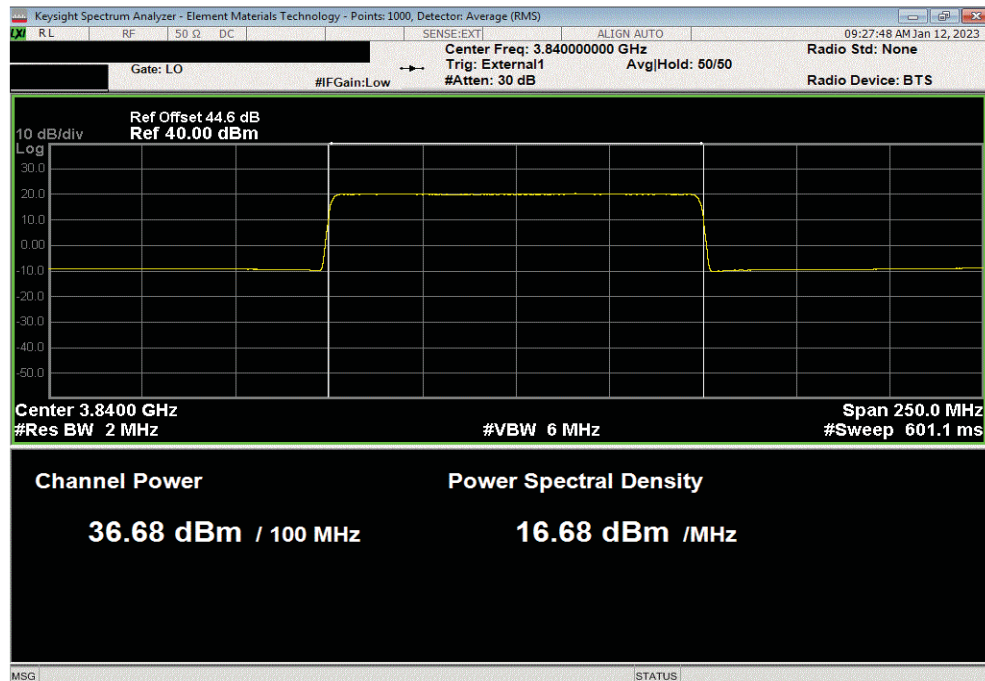


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 46, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.683	0	36.7	N/A	Within Tolerance	N/A	

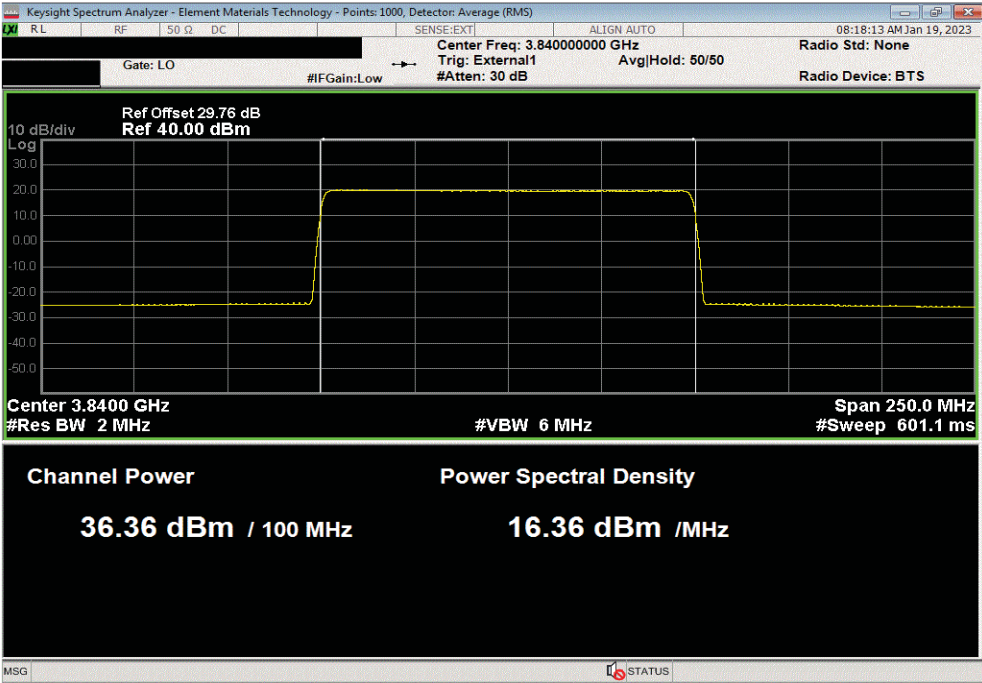


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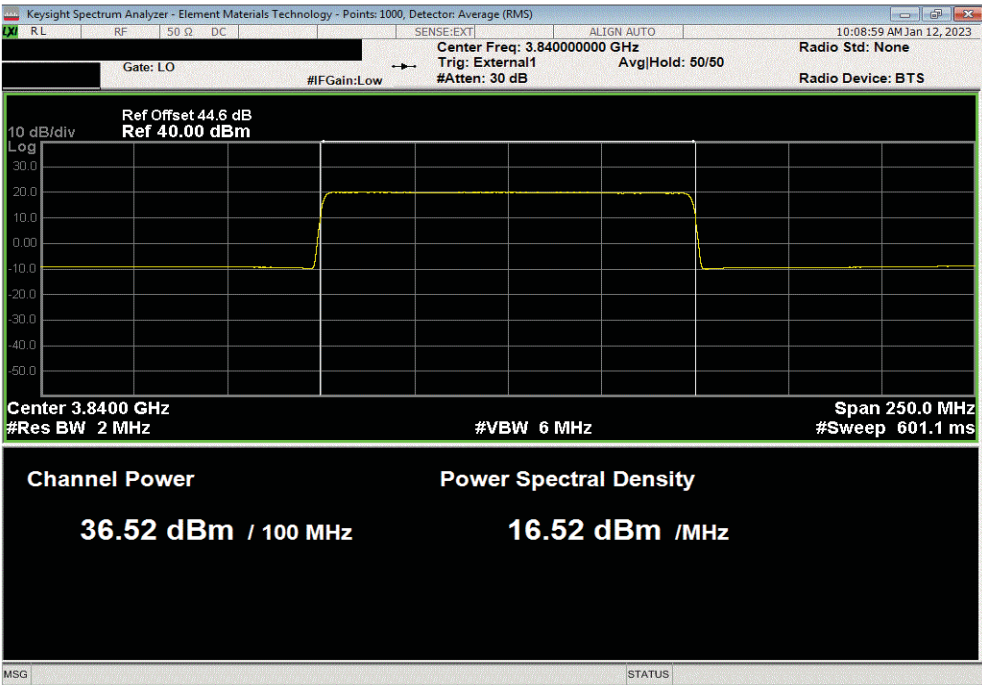


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 48, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.524	0	36.5	N/A	Within Tolerance	N/A	

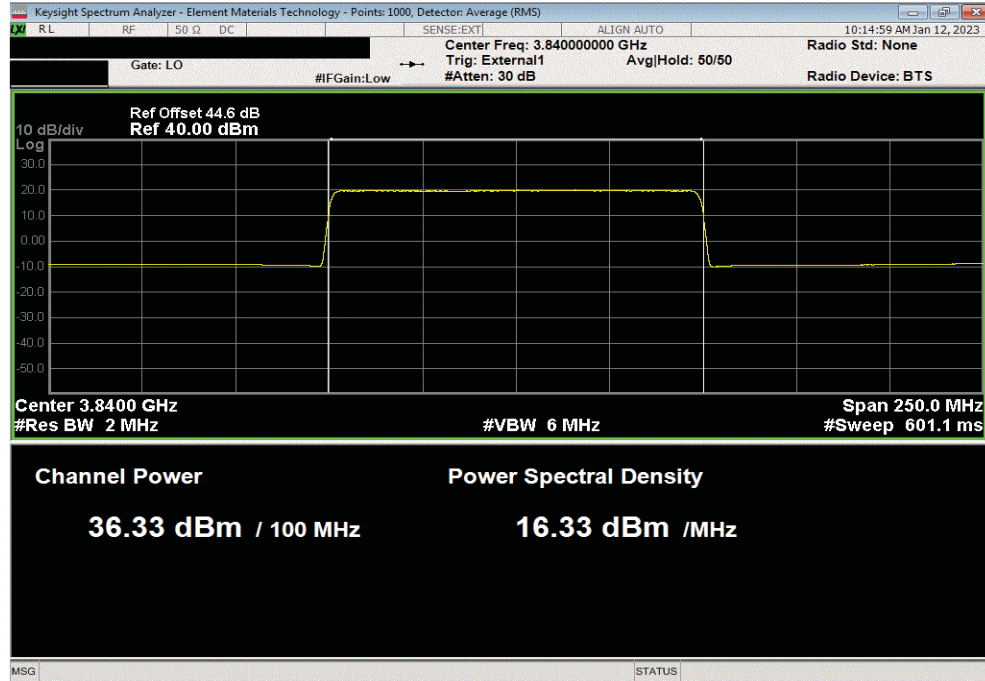


AVERAGE POWER - ALL PORTS SINGLE 3.7G

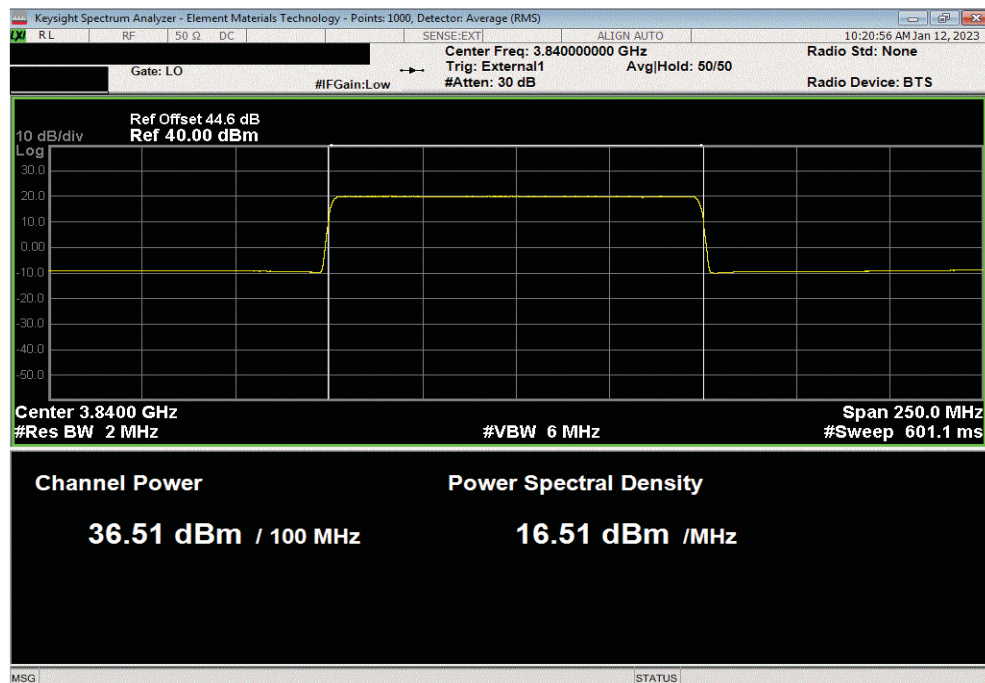


TMTx 2022.06.03.0 XMM 2022.02.07.0

Port 50, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.514	0	36.5	N/A	Within Tolerance	N/A	

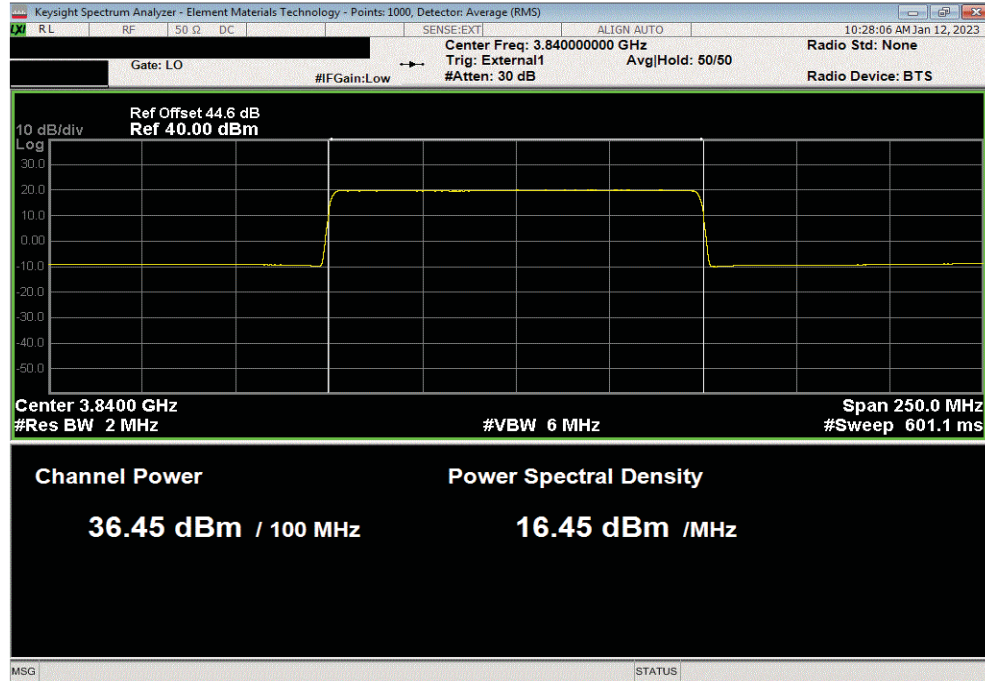


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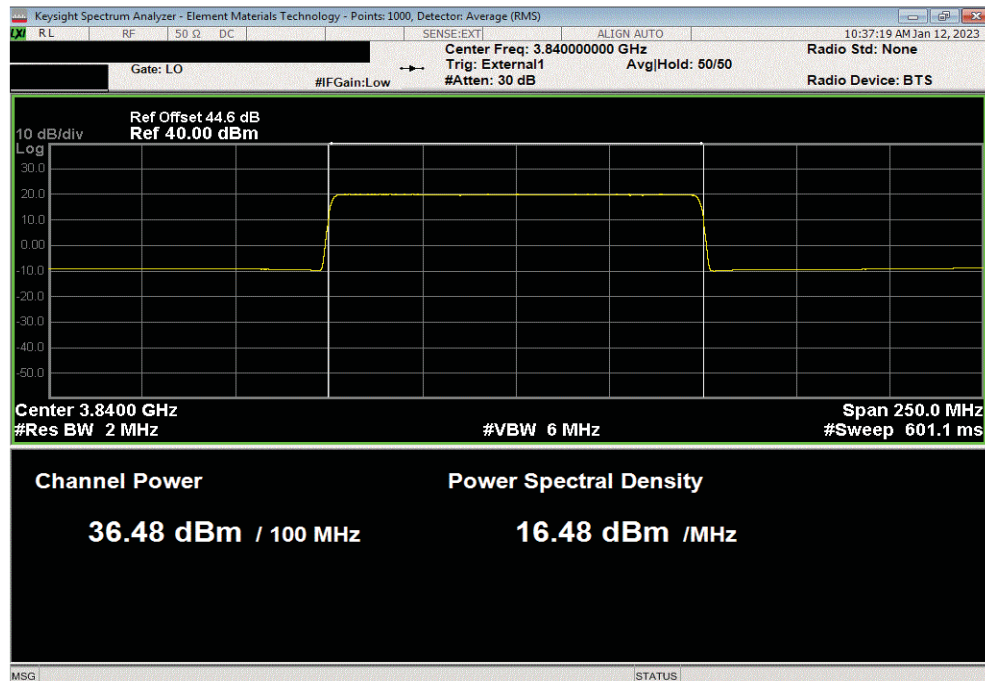


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 52, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.48	0	36.5	N/A	Within Tolerance	N/A	

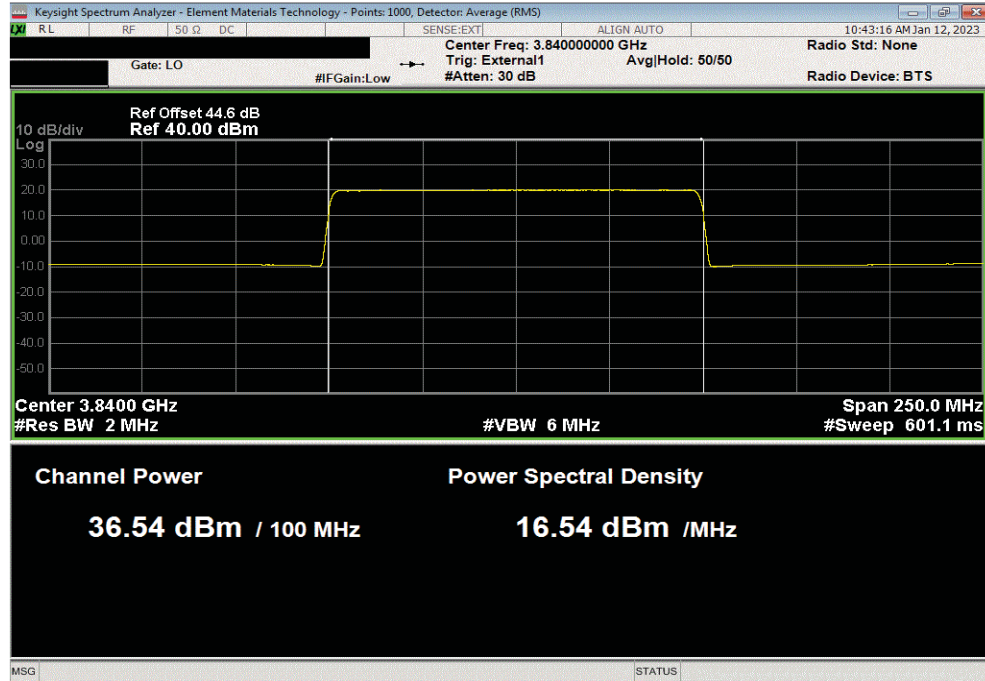


AVERAGE POWER - ALL PORTS SINGLE 3.7G

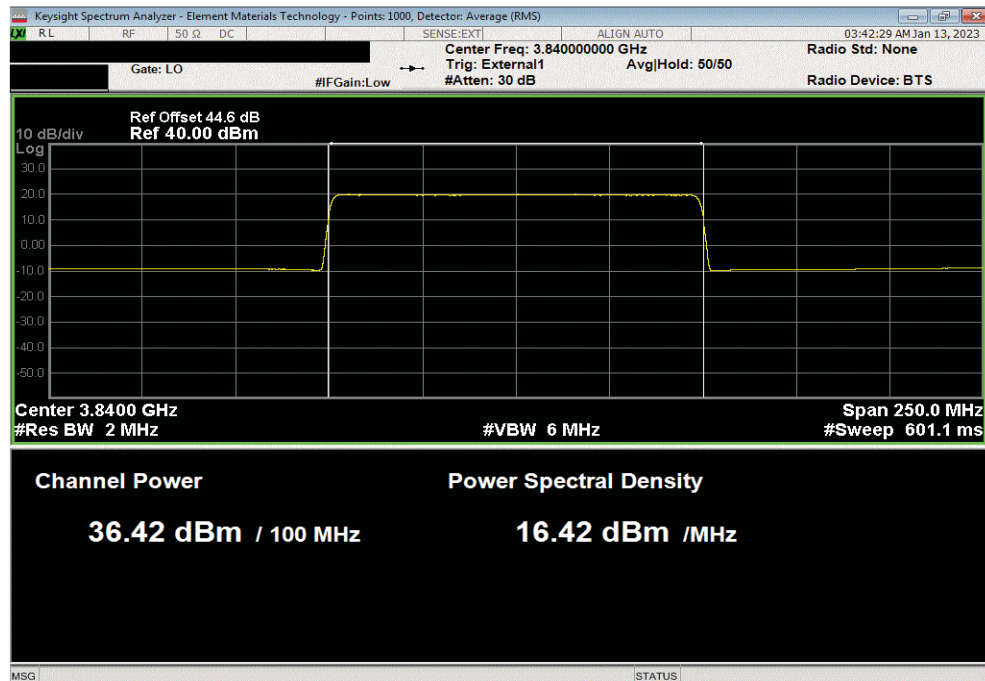


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 54, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.418	0	36.4	N/A	Within Tolerance	N/A	

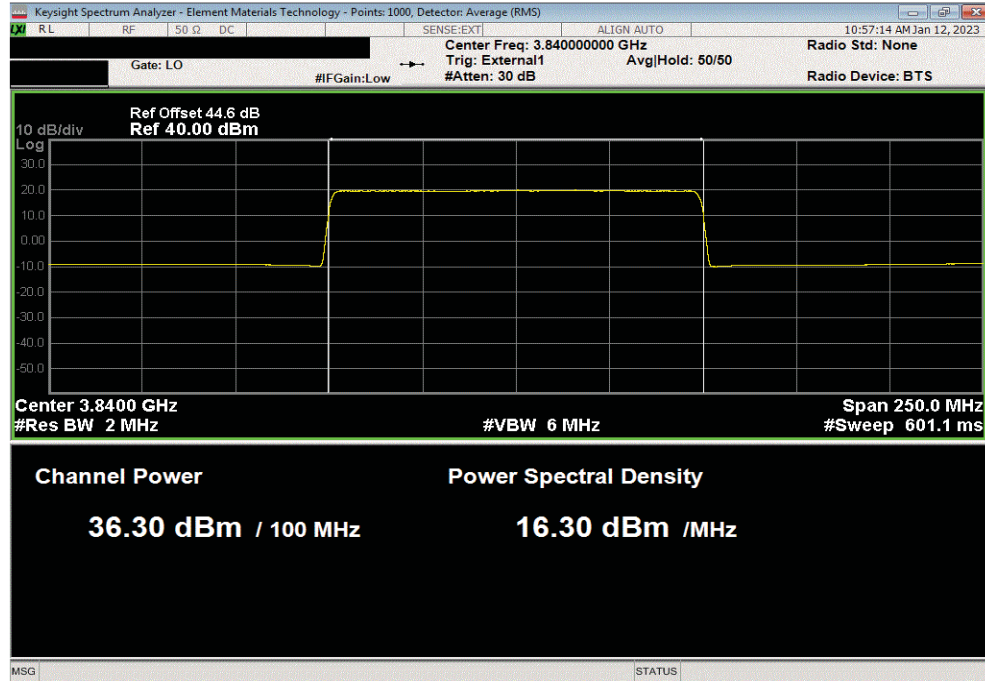


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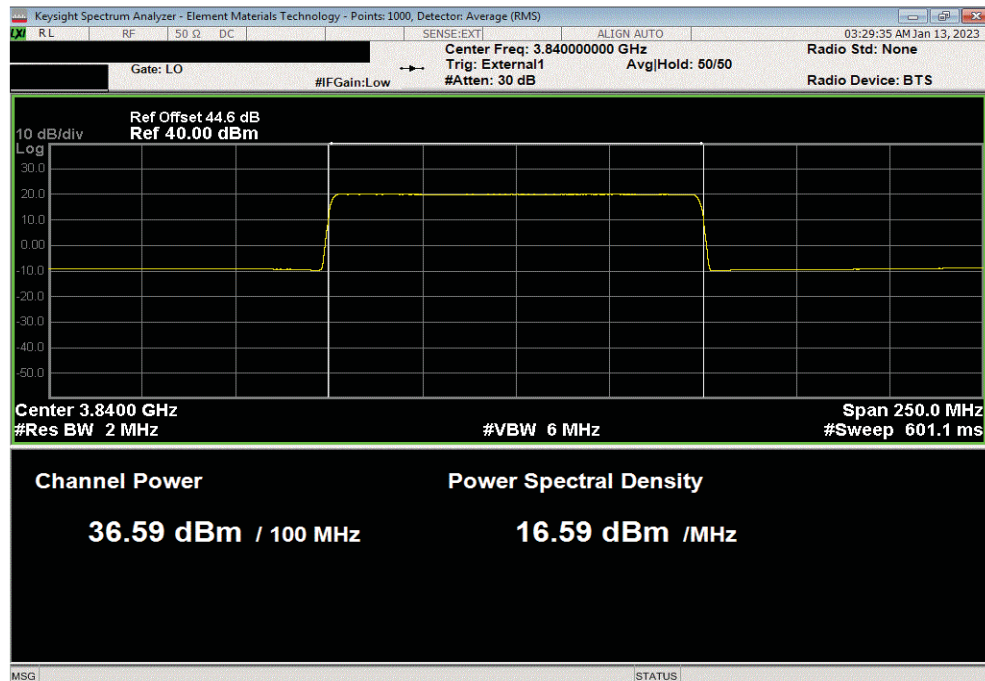


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 56, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.594	0	36.6	N/A	Within Tolerance	N/A	

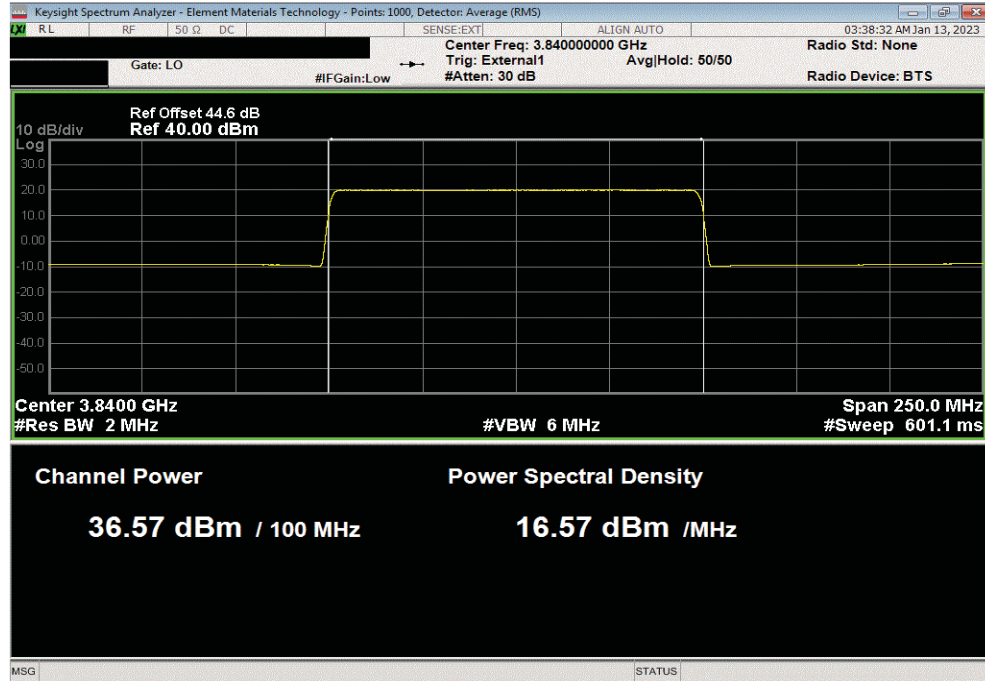


AVERAGE POWER - ALL PORTS SINGLE 3.7G

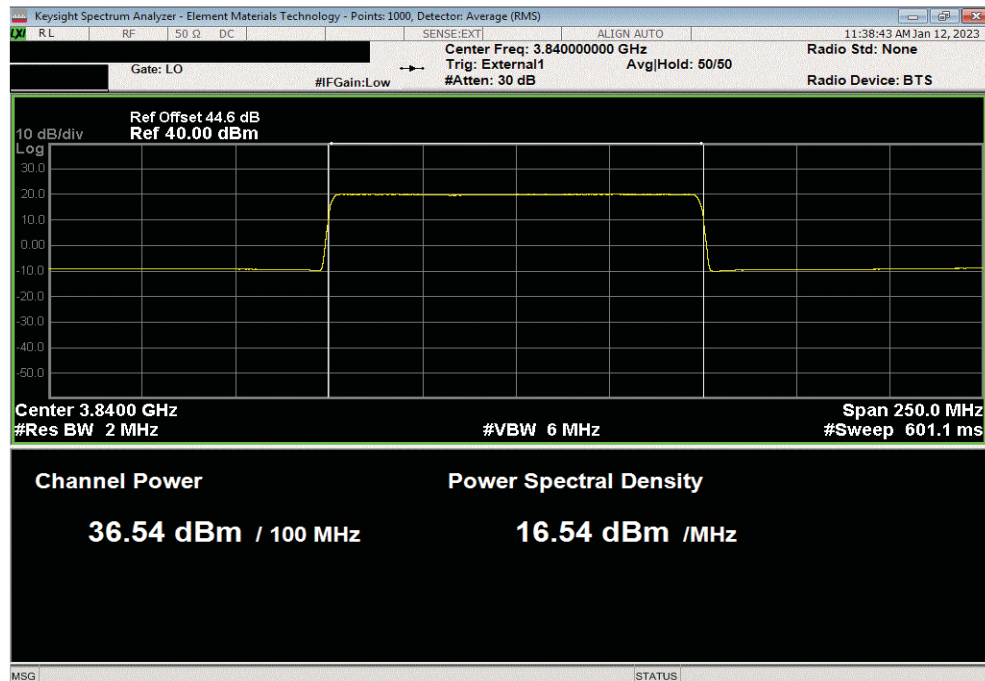


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 58, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.544	0	36.5	N/A	Within Tolerance	N/A	

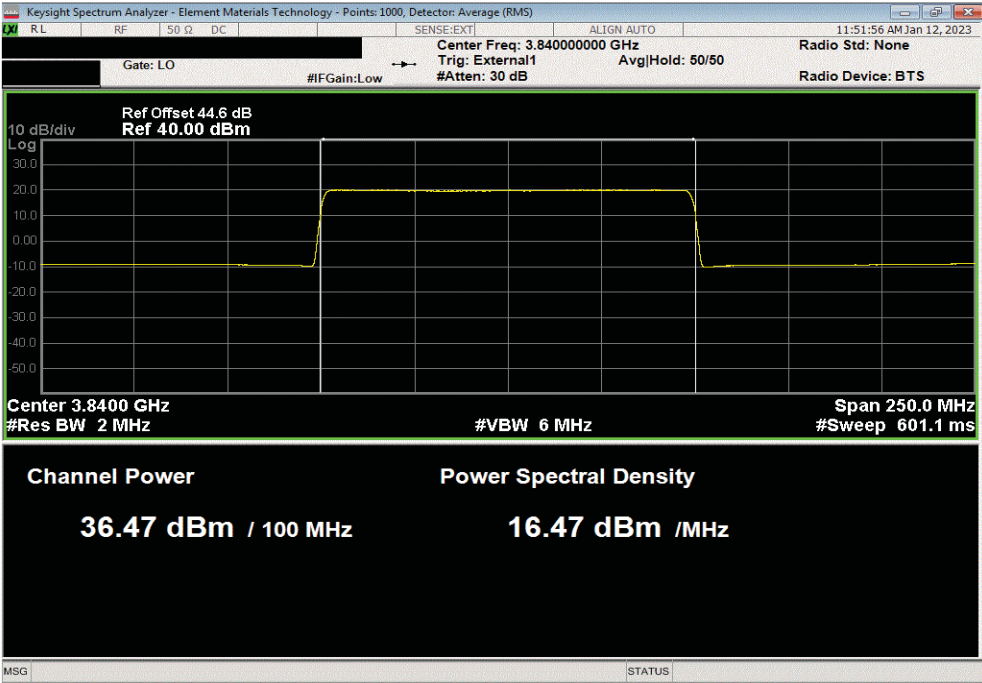


AVERAGE POWER - ALL PORTS SINGLE 3.7G

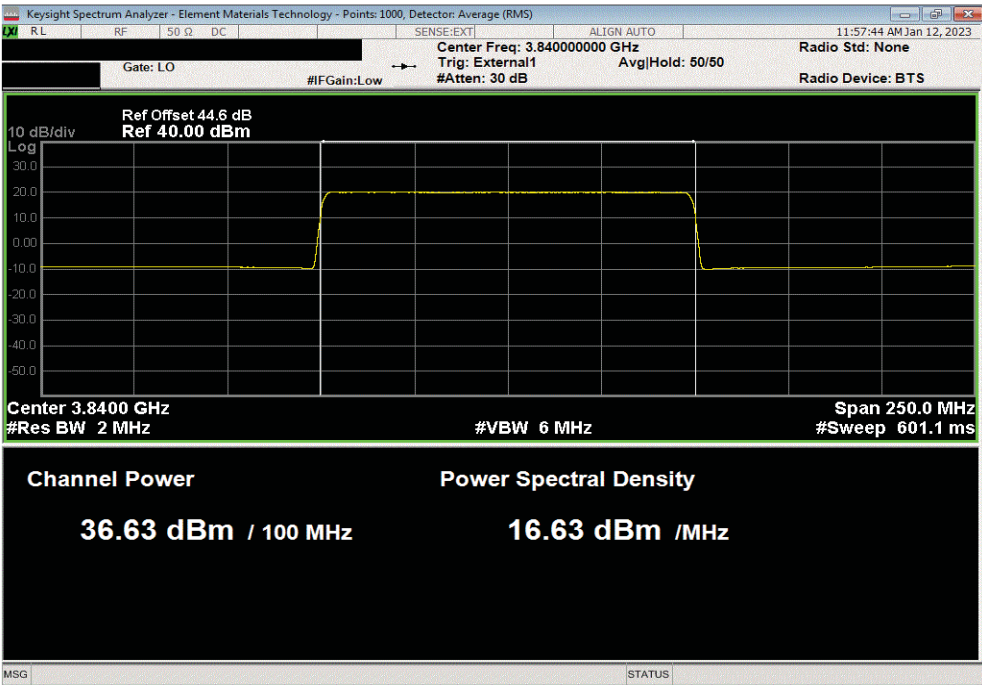


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 60, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.633	0	36.6	N/A	Within Tolerance	N/A	

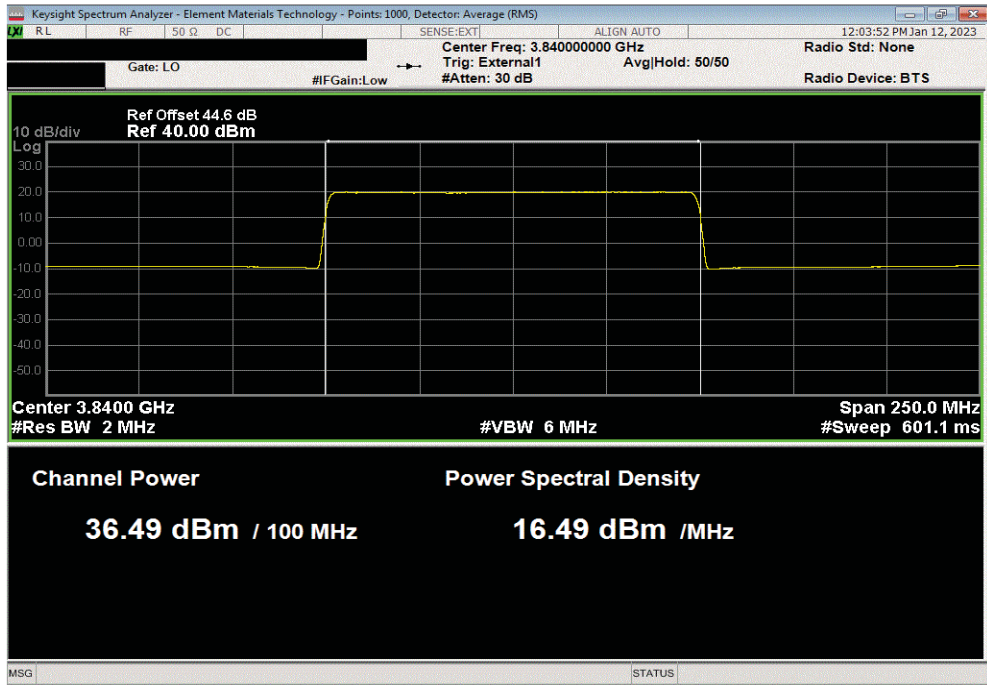


AVERAGE POWER - ALL PORTS SINGLE 3.7G

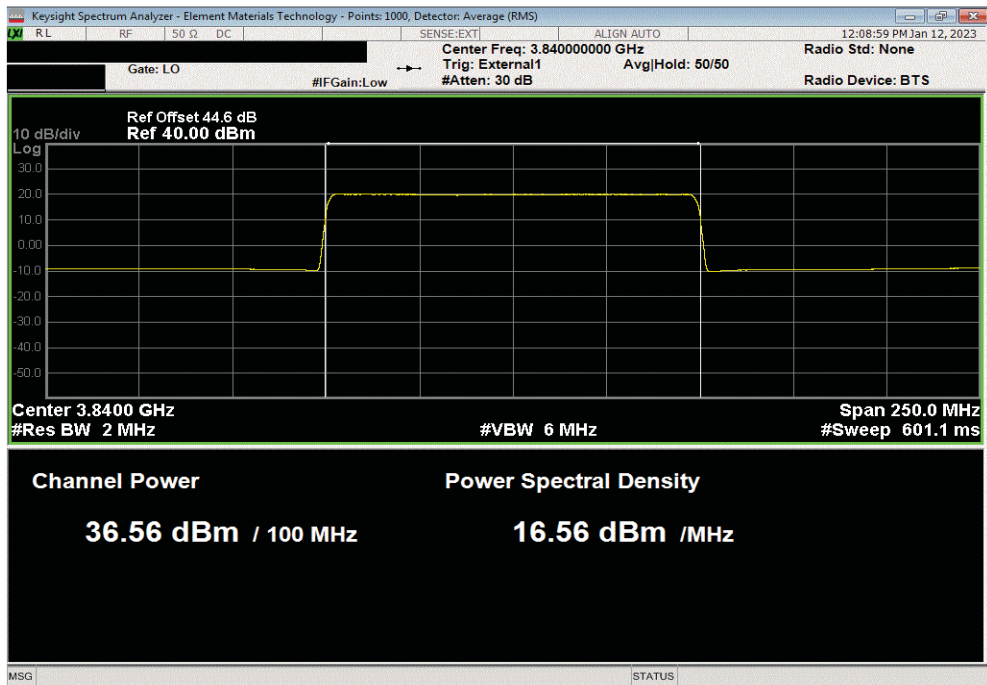


TMTx 2022.06.03.0 XMI 2022.02.07.0

Port 62, Band n77, 3700 - 3980 MHz, 100 MHz Bandwidth, 256QAM Modulation, Mid Channel, 3840 MHz						
Avg Cond	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
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	Duty Cycle	Value	All Ports	Limit	Results	
Pwr (dBm)	Factor (dB)	(dBm)	Value (dBm)			
36.562	0	36.6	N/A	Within Tolerance	N/A	



AVERAGE POWER - ALL PORTS SINGLE 3.7G



Test 2022-09-09 10:00:00 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		PORT 32	PORT 33	PORT 34	PORT 35	SUM TOTAL	All Ports SUM	
INITIAL VALUE (dBm)	36.7	36.7	36.7	36.7	N/A	INITIAL VALUE (dBm)	36.6	36.7	36.6	36.5	N/A		
INITIAL VALUE (Watts)	4.7	4.7	4.7	4.7	18.7	INITIAL VALUE (Watts)	4.6	4.7	4.6	4.5	18.3		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.7	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.6		
INITIAL VALUE (dBm)	36.4	36.5	36.5	36.4	N/A	INITIAL VALUE (dBm)	36.4	36.4	36.4	36.5	N/A		
INITIAL VALUE (Watts)	4.4	4.5	4.5	4.4	17.7	INITIAL VALUE (Watts)	4.4	4.4	4.4	4.5	17.6		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.4		
INITIAL VALUE (dBm)	36.3	36.4	36.4	36.5	N/A	INITIAL VALUE (dBm)	36.4	36.3	36.3	36.5	N/A		
INITIAL VALUE (Watts)	4.3	4.4	4.4	4.5	17.5	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	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.4		
INITIAL VALUE (dBm)	36.5	36.7	36.6	36.7	N/A	INITIAL VALUE (dBm)	36.5	36.5	36.7	36.7	N/A		
INITIAL VALUE (Watts)	4.5	4.7	4.6	4.7	18.4	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	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.6		
INITIAL VALUE (dBm)	36.8	36.5	36.4	36.6	N/A	INITIAL VALUE (dBm)	36.4	36.5	36.3	36.7	N/A		
INITIAL VALUE (Watts)	4.8	4.5	4.4	4.6	18.2	INITIAL VALUE (Watts)	4.4	4.5	4.3	4.7	17.8		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.6	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5		
INITIAL VALUE (dBm)	36.4	36.5	37.1	36.6	N/A	INITIAL VALUE (dBm)	36.5	36.5	36.5	36.5	N/A		
INITIAL VALUE (Watts)	4.4	4.5	5.1	4.6	18.5	INITIAL VALUE (Watts)	4.5	4.5	4.5	4.5	17.9		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.7	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5		
INITIAL VALUE (dBm)	36.6	36.5	36.6	36.3	N/A	INITIAL VALUE (dBm)	36.3	36.6	36.6	36.4	N/A		
INITIAL VALUE (Watts)	4.6	4.5	4.6	4.3	17.9	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	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5		
INITIAL VALUE (dBm)	36.3	36.5	36.4	36.3	N/A	INITIAL VALUE (dBm)	36.5	36.6	36.5	36.5	N/A		
INITIAL VALUE (Watts)	4.3	4.5	4.4	4.3	17.4	INITIAL VALUE (Watts)	4.5	4.6	4.5	4.5	18.0		
TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.4	TOTAL VALUE (dBm)	N/A	N/A	N/A	N/A	42.5		
Final Value (Watts)													287.1
Final Value (dBm)													54.6