

OUTPUT POWER - REDUCED POWER



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
Generator - Signal	Agilent	N5173B	TIW	2020-07-17	2023-07-17
Block - DC	Fairview Microwave	SD3379	AMT	2021-09-14	2022-09-14
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFQ	2022-01-17	2023-01-17

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 only on one port. All four AHFII antenna ports are essentially electrically identical and antenna port 1 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraphs 5.2.5.3, 5.7.2i and 6.4.

The total average transmit power of all antenna ports was determined per ANSI C63.26-2105 paragraph 6.4.3.1.

Compliance check for EIRP Limit of 3280W/MHz or 65.16dBm/MHz:

As shown in the EIRP calculation tables in the "PSD and EIRP Calculations" report sections, the highest AHFII antenna port 1 PSD level that will not cause the calculated EIRP to exceed the EIRP limit is 41.2dBm/MHz for Band 25 and 40.9dBm/MHz for Band 66. The maximum carrier power levels were reduced by changing the carrier power parameters in the configuration file for the base station to comply with the EIRP limit.

Compliance check for EIRP Limit of 1640W/MHz or 62.15dBm/MHz:

As shown in the EIRP calculation tables in the "PSD and EIRP Calculations" report sections, the highest AHFII antenna port 1 PSD level that will not cause the calculated EIRP to exceed the EIRP limit is 38.2dBm/MHz for Band 25 and 37.9dBm/MHz for Band 66. The maximum carrier power levels were reduced by changing the carrier power parameters in the configuration file for the base station to comply with the EIRP limit.

OUTPUT POWER - REDUCED POWER



TSTx 2021.12.14.1 XMR 2022.02.07.0

EUT: AHFII Remote Radio Head		Work Order: NOKI0037	
Serial Number: YK214000036		Date: 16-Mar-22	
Customer: Nokia Solutions and Networks		Temperature: 21.2 °C	
Attendees: David Le, John Rattanavong		Humidity: 41.8% RH	
Project: None		Barometric Pres.: 1016 mbar	
Tested by: Brandon Hobbs		Power: 54 VDC	
Job Site: TX09			

TEST SPECIFICATIONS		Test Method	
FCC 24E:2022		ANSI C63.26:2015	
RSS-133 Issue 6:2013+A1:2018		RSS-133 Issue 6:2013+A1:2018	

COMMENTS

All measurement path losses accounted for in the reference level offset including any attenuators, filters, and DC blocks. The carriers for LTE bandwidths: 200 kHz, 1.4 MHz, 3 MHz, 5 MHz, 10 MHz were reduced to demonstrate compliance with EIRP limits (65.16dBm/MHz).

DEVIATIONS FROM TEST STANDARD

None

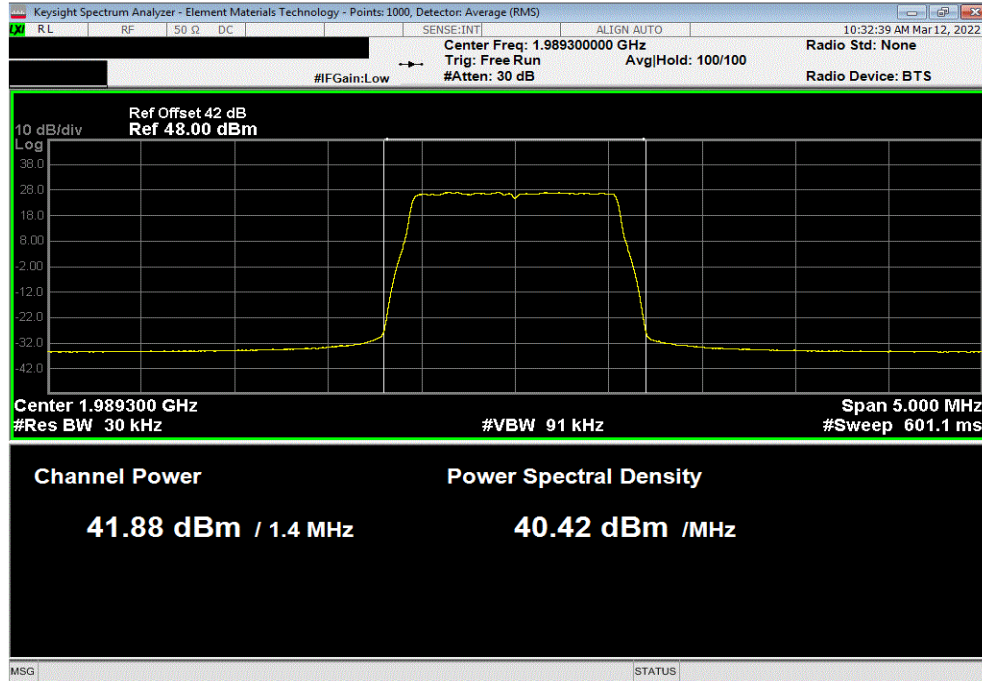
Configuration #	2	Signature	Initial Value dBm/Carrier BW	Duty Cycle Factor (dB)	Single Port dBm/Carrier BW
Port 1, Band 25, 1930 MHz - 1995 MHz, LTE 256-QAM Modulation Single Carrier 1.4 MHz Bandwidth High Channel, 1989.3 MHz: 41.885 0 41.9 16-QAM Modulation Single Carrier 3 MHz Bandwidth Mid Channel, 1962.5 MHz: 44.807 0 44.8 5 MHz Bandwidth Mid Channel, 1962.5 MHz: 46.696 0 46.7 E-TM1.1 w N-TM Modulation In-band 5 MHz Bandwidth Mid Channel, 1962.5 MHz: 45.519 0 45.5 10 MHz Bandwidth Mid Channel, 1962.5 MHz: 47.804 0 47.8 N-TM Modulation Standalone 200 kHz Bandwidth High Channel, 1994.8 MHz: 40.258 0 40.3					

OUTPUT POWER - REDUCED POWER

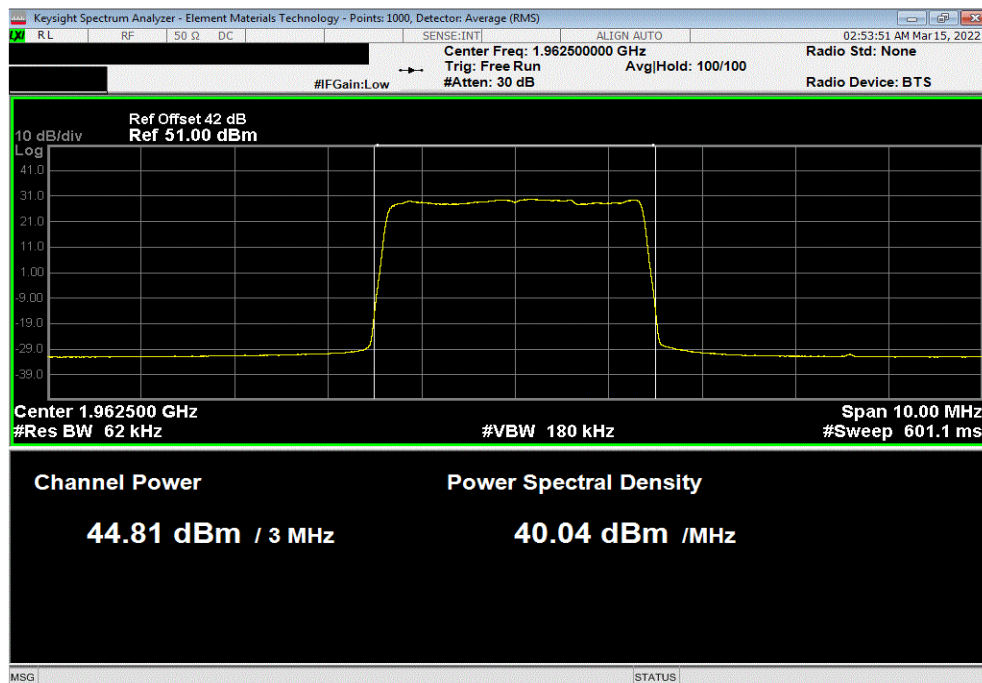


TbTx 2021.12.14.1 XM8 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 256-QAM Modulation, Single Carrier, 1.4 MHz Bandwidth, High Channel, 1989.3 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
41.885	0	41.9			



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 16-QAM Modulation, Single Carrier, 3 MHz Bandwidth, Mid Channel, 1962.5 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
44.807	0	44.8			

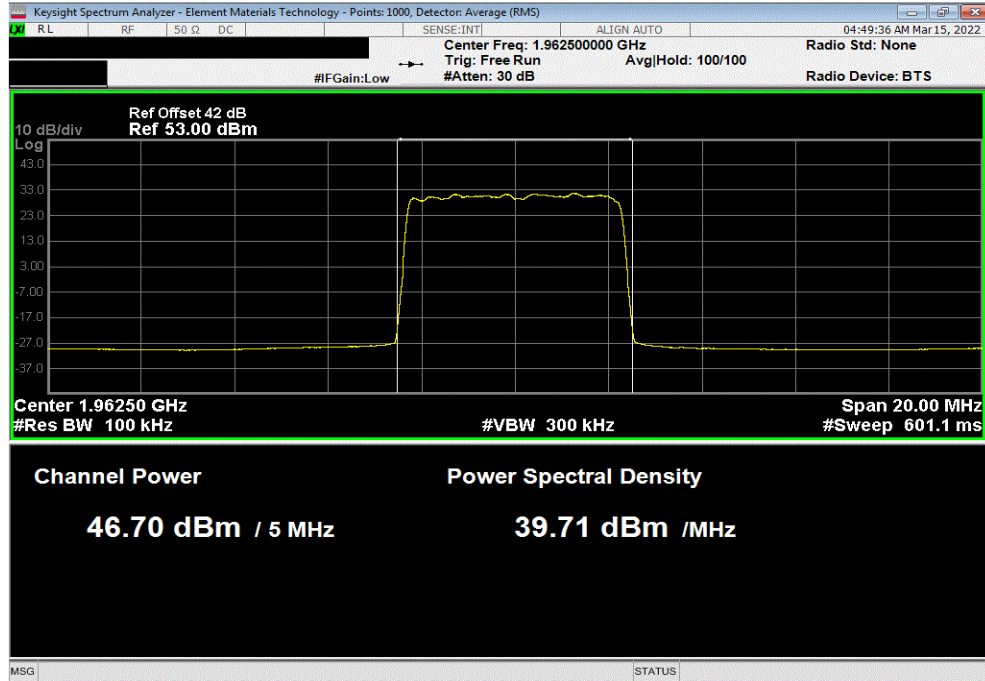


OUTPUT POWER - REDUCED POWER

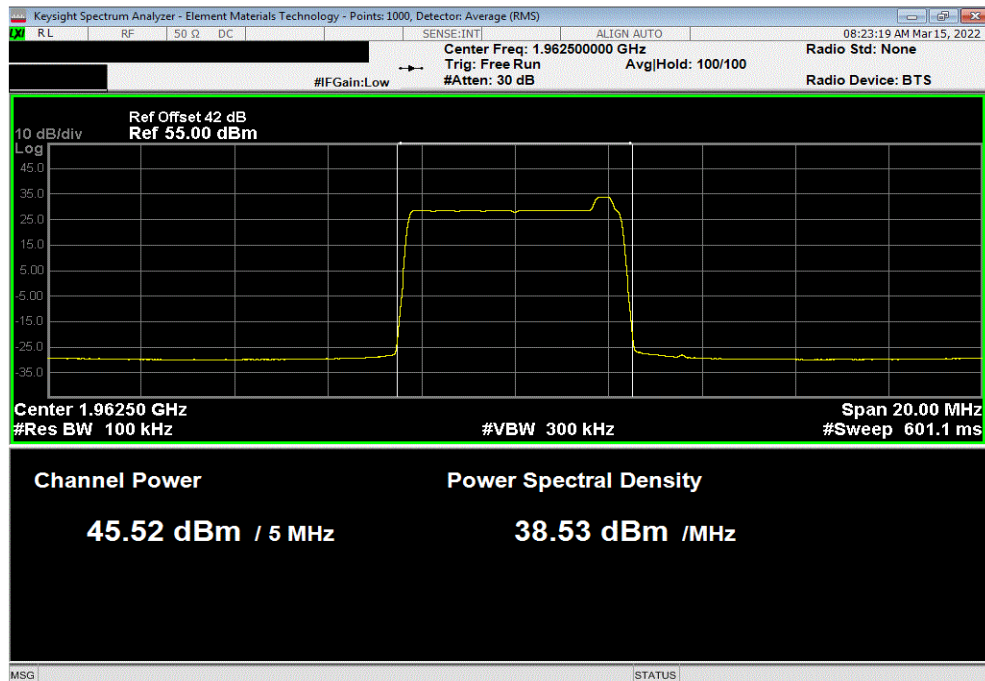


TbTtx 2021.12.14.1 XM8 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 16-QAM Modulation, Single Carrier, 5 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
46.696	0	46.7				



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 5 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
45.519	0	45.5				

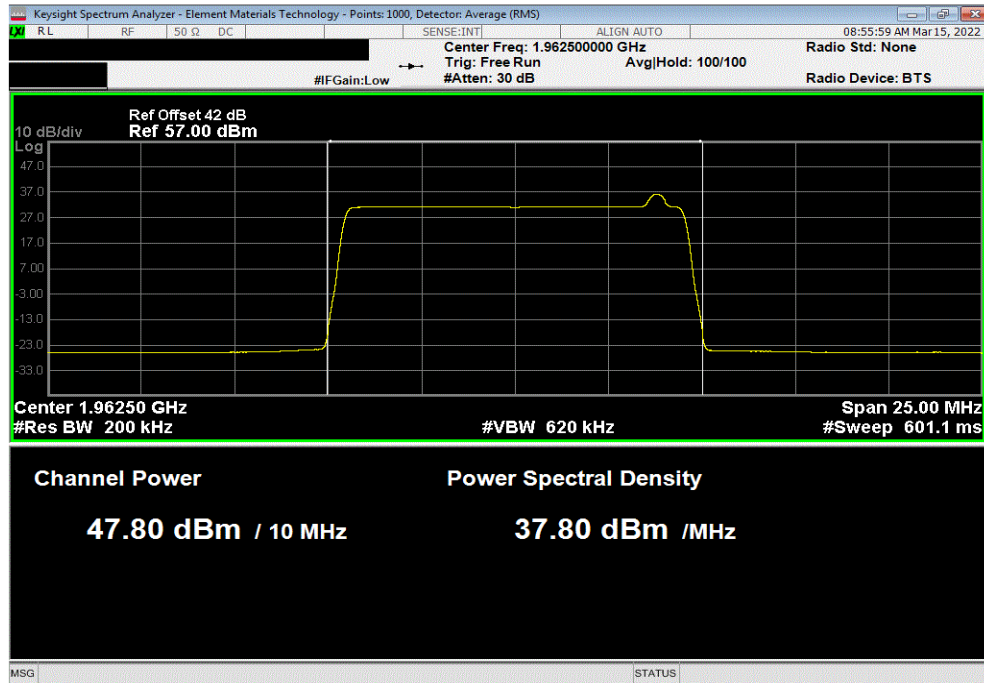


OUTPUT POWER - REDUCED POWER

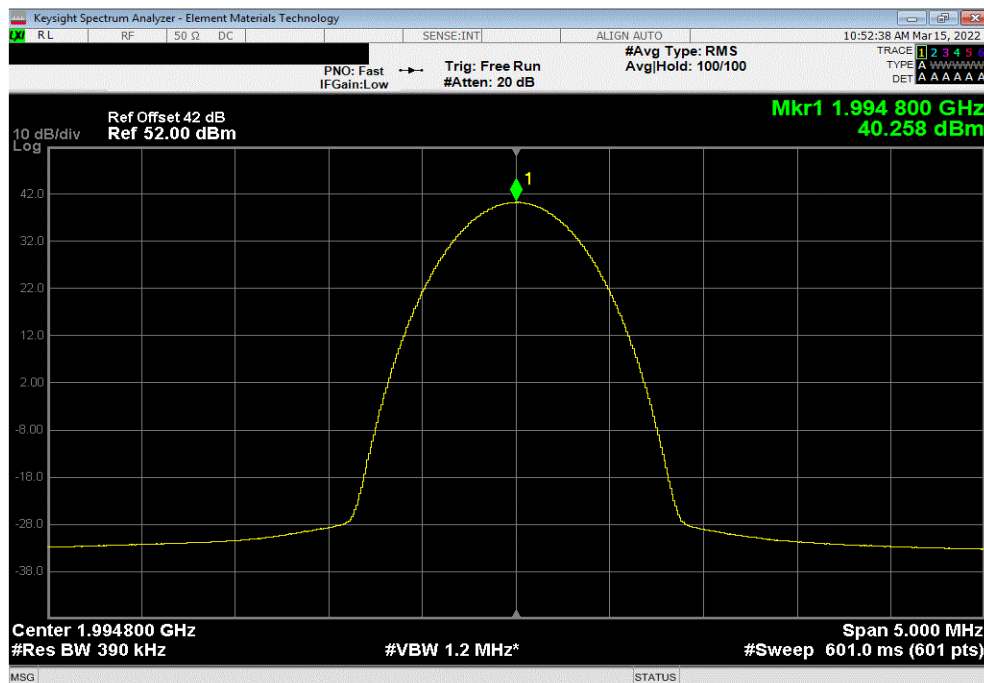


TbTtX 2021.12.14.1 XMt 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 10 MHz Bandwidth, Mid Channel, 1962.5 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
47.804	0	47.8			



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, N-TM Modulation, Standalone, 200 kHz Bandwidth, High Channel, 1994.8 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
40.258	0	40.3			



OUTPUT POWER - REDUCED POWER



TSTx 2021.12.14.1 XMR 2022.02.07.0

EUT: AHFII Remote Radio Head		Work Order: NOKI0037	
Serial Number: YK214000036		Date: 16-Mar-22	
Customer: Nokia Solutions and Networks		Temperature: 21.3 °C	
Attendees: David Le, John Rattanaovong		Humidity: 40.8% RH	
Project: None		Barometric Pres.: 1016 mbar	
Tested by: Brandon Hobbs		Power: 54 VDC	
Job Site: TX09			

TEST SPECIFICATIONS		Test Method	
FCC 24E:2022		ANSI C63.26:2015	
RSS-133 Issue 6:2013+A1:2018		RSS-133 Issue 6:2013+A1:2018	

COMMENTS

All measurement path losses accounted for in the reference level offset including any attenuators, filters, and DC blocks. The carriers for LTE bandwidths: 200 kHz, 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 20 MHz were reduced to demonstrate compliance with EIRP limits (62.15dBm/MHz).

DEVIATIONS FROM TEST STANDARD

None

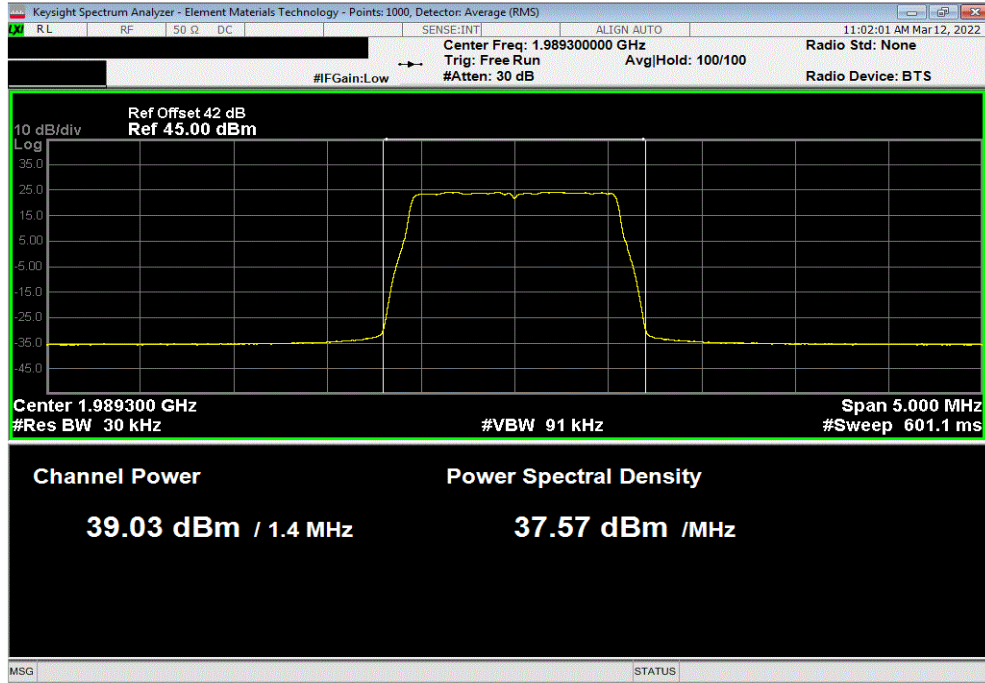
Configuration #	2	Signature	Initial Value dBm/Carrier BW	Duty Cycle Factor (dB)	Single Port dBm/Carrier BW
Port 1, Band 25, 1930 MHz - 1995 MHz, LTE					
256-QAM Modulation					
Single Carrier					
1.4 MHz Bandwidth					
High Channel, 1989.3 MHz;					
			39.033	0	39.0
16-QAM Modulation					
Single Carrier					
3 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			41.76	0	41.8
5 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			43.645	0	43.6
10 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			46.382	0	46.4
15 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			47.797	0	47.8
E-TM1.1 w N-TM Modulation					
Guard Band					
10 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			46.542	0	46.5
15 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			48.182	0	48.2
In-band					
5 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			42.429	0	42.4
10 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			45.056	0	45.1
15 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			47.044	0	47.0
20 MHz Bandwidth					
Mid Channel, 1962.5 MHz					
			47.796	0	47.8
N-TM Modulation					
Standalone					
200 kHz Bandwidth					
High Channel, 1994.8 MHz;					
			36.909	0	36.9

OUTPUT POWER - REDUCED POWER

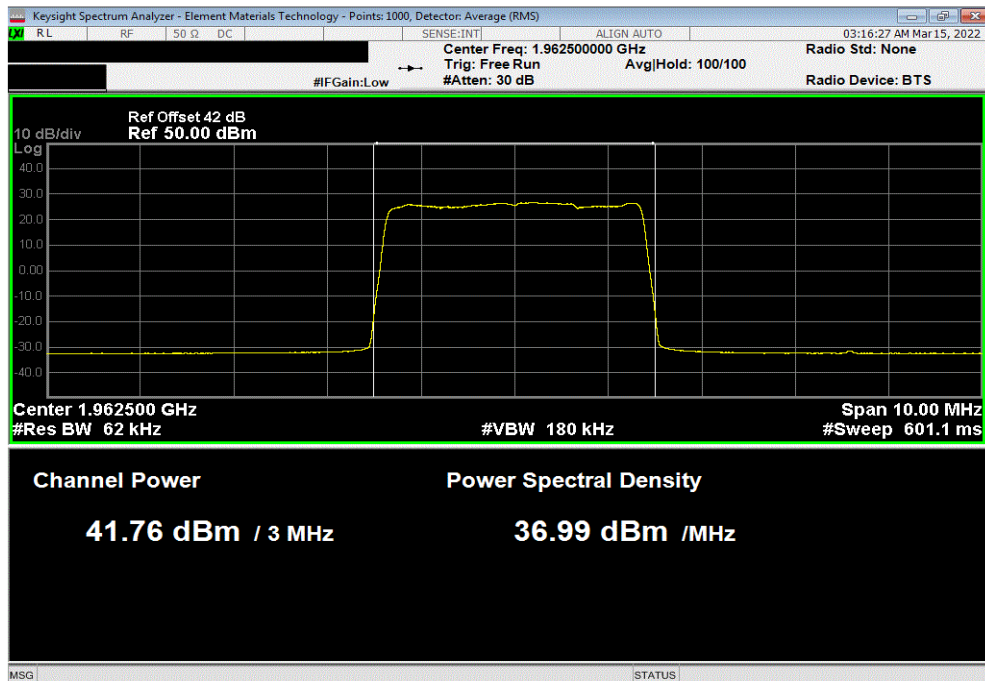


TSTx 2021.12.14.1 XMM 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 256-QAM Modulation, Single Carrier, 1.4 MHz Bandwidth, High Channel, 1989.3 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
39.033	0	39.0				



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 16-QAM Modulation, Single Carrier, 3 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
41.76	0	41.8				

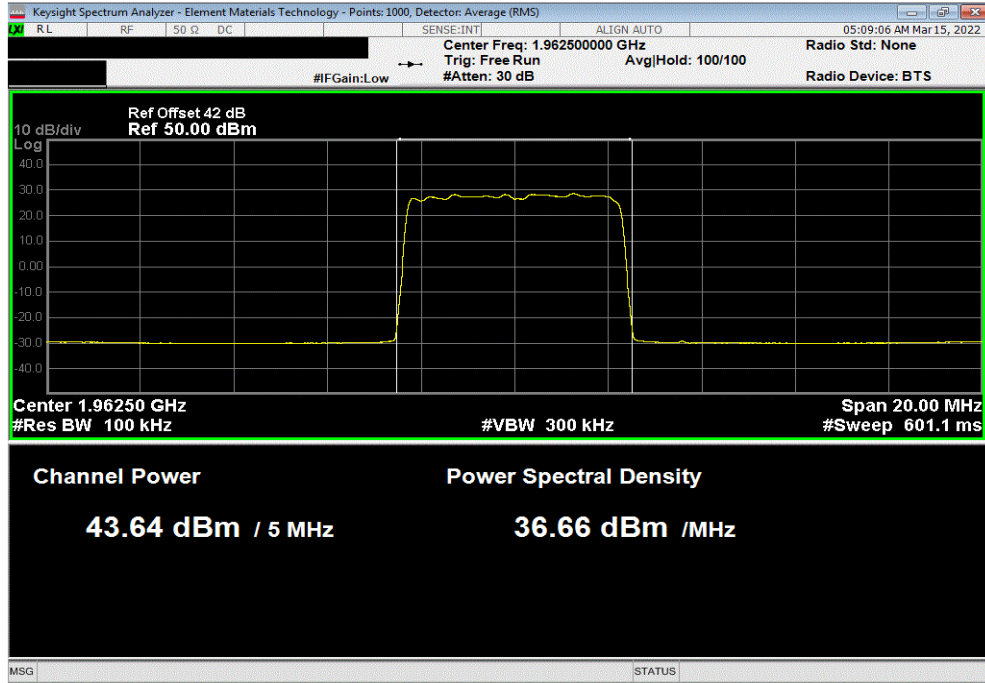


OUTPUT POWER - REDUCED POWER

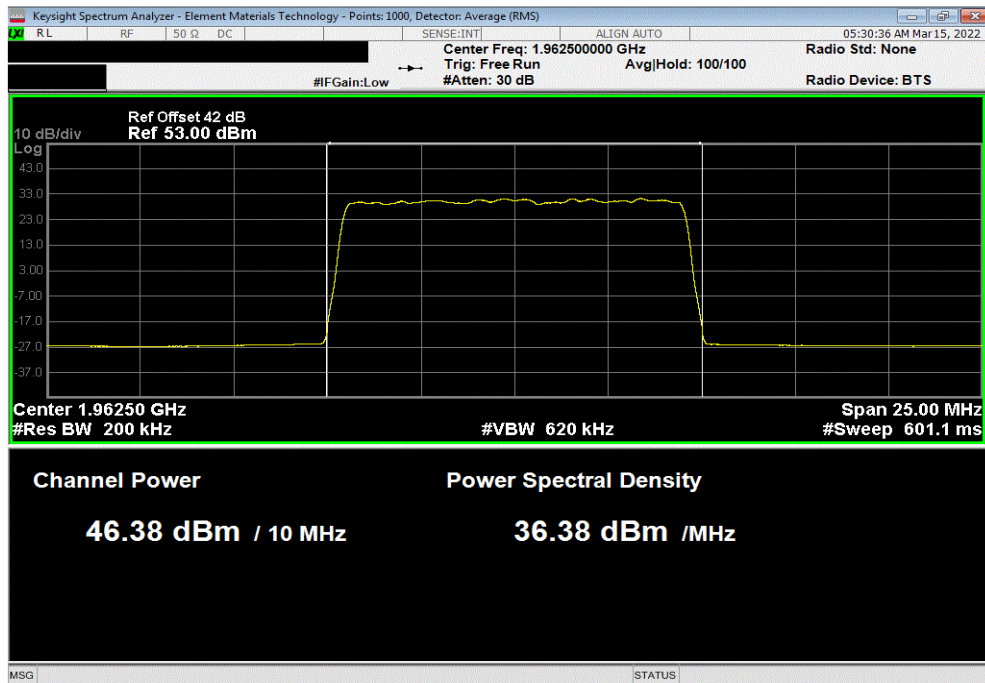


TSTx 2021.12.14.1 XMM 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 16-QAM Modulation, Single Carrier, 5 MHz Bandwidth, Mid Channel, 1962.5 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
43.645	0	43.6			



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 16-QAM Modulation, Single Carrier, 10 MHz Bandwidth, Mid Channel, 1962.5 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
46.382	0	46.4			

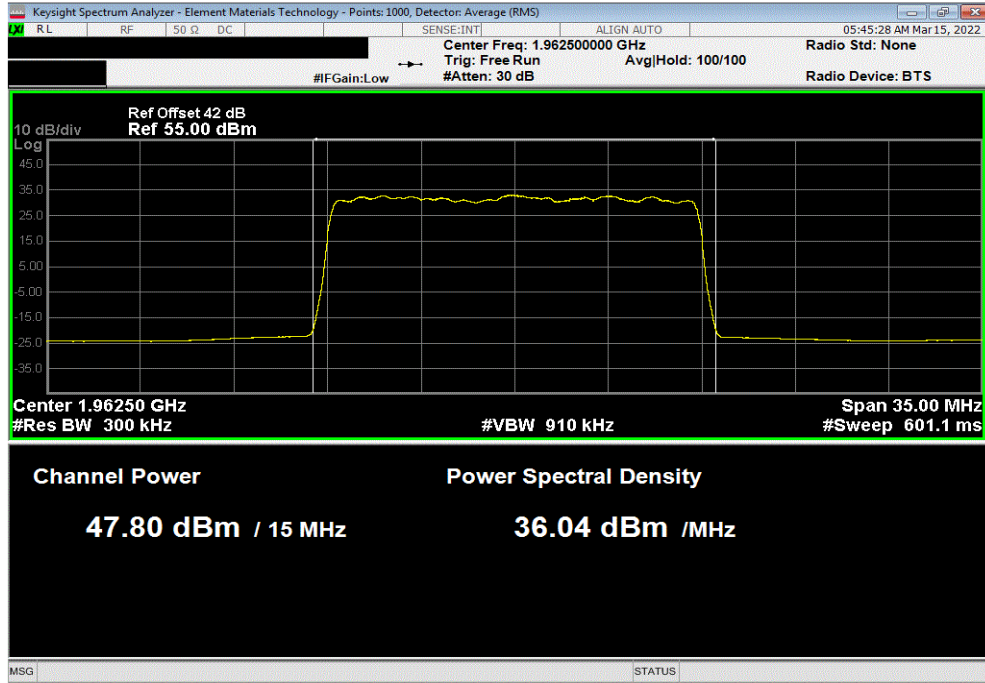


OUTPUT POWER - REDUCED POWER

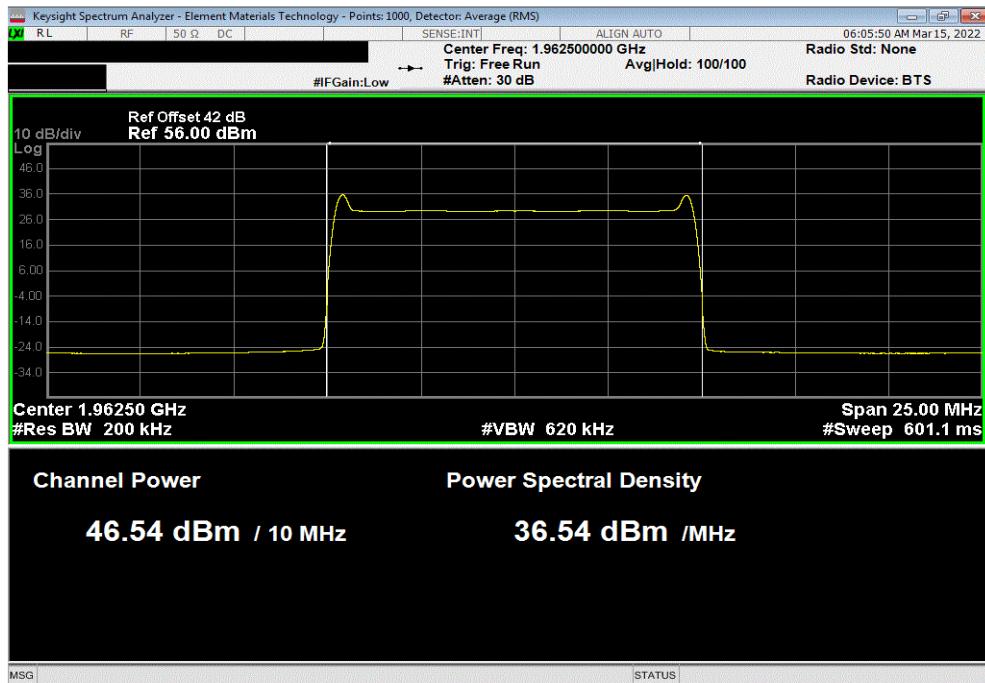


TSTx 2021.12.14.1 XMM 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, 16-QAM Modulation, Single Carrier, 15 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
47.797	0	47.8				



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, Guard Band, 10 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
46.542	0	46.5				

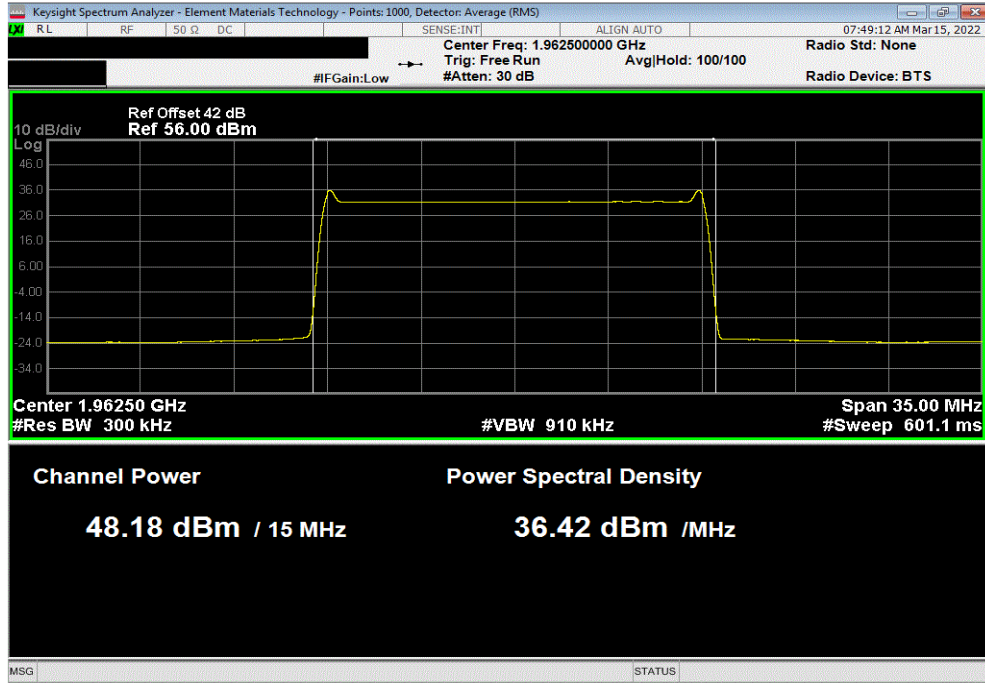


OUTPUT POWER - REDUCED POWER

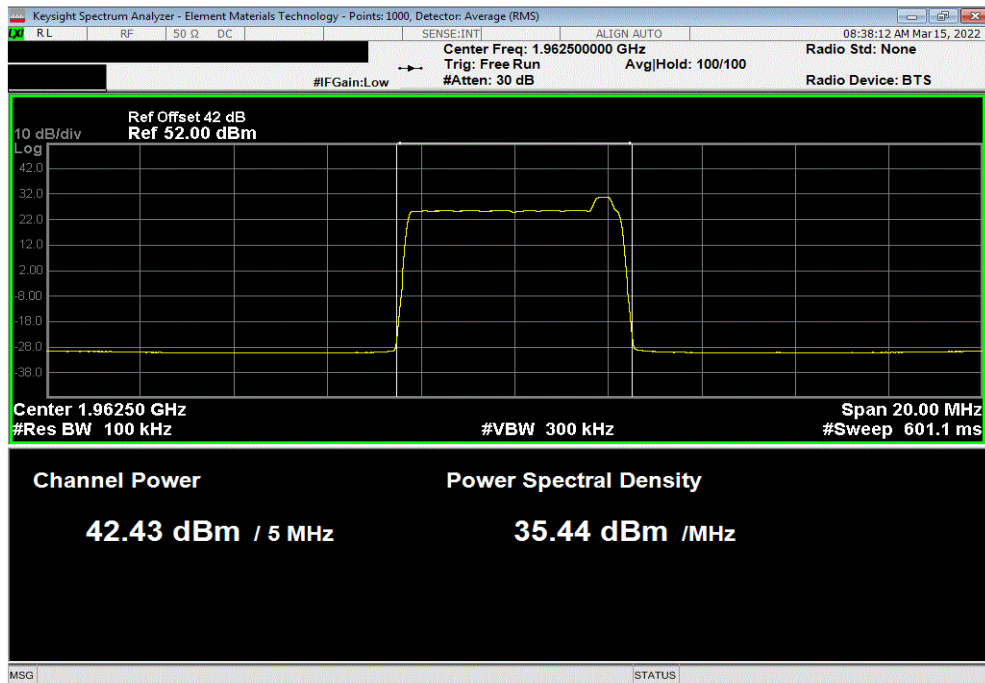


TSTx 2021.12.14.1 XMM 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, Guard Band, 15 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
48.182	0	48.2				



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 5 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
42.429	0	42.4				

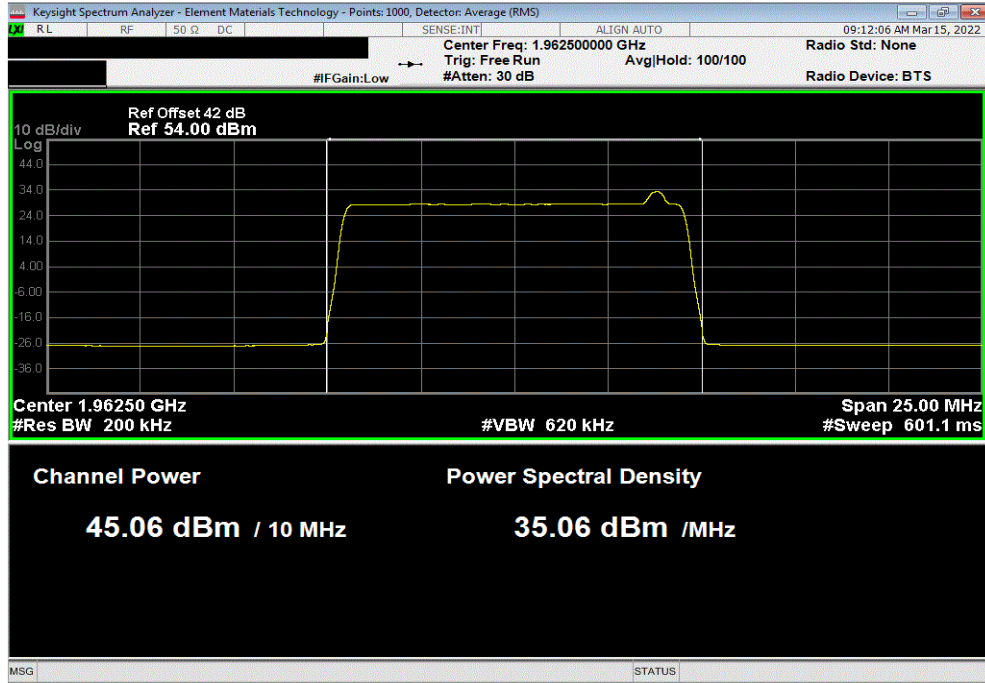


OUTPUT POWER - REDUCED POWER

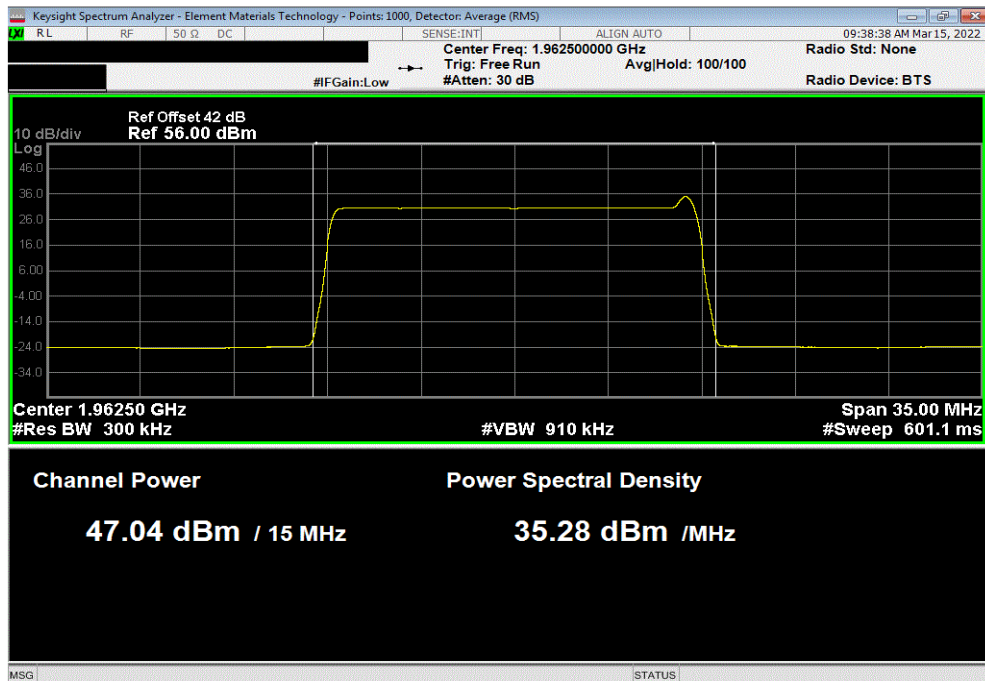


TSTx 2021.12.14.1 XMM 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 10 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
45.056	0	45.1				



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 15 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
47.044	0	47.0				

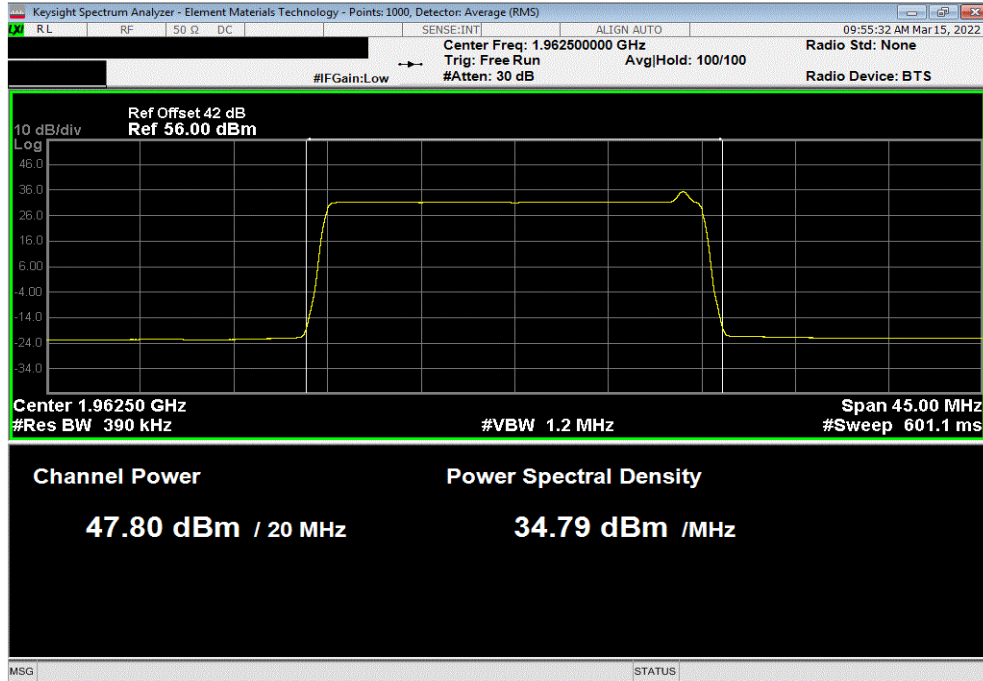


OUTPUT POWER - REDUCED POWER

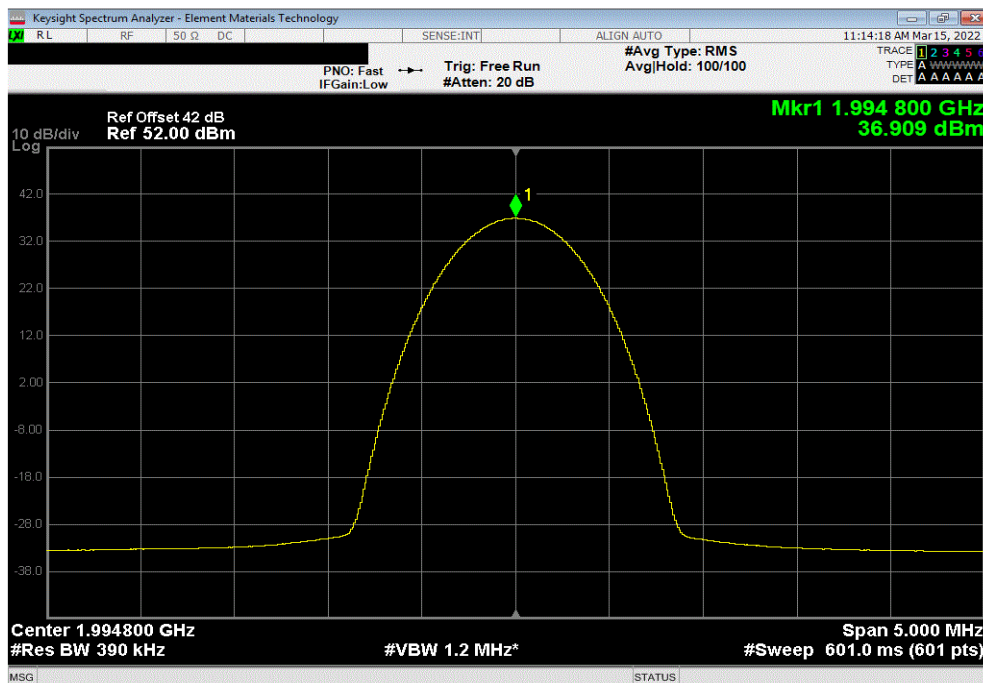


TSTx 2021.12.14.1 XMM 2022.02.07.0

Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 20 MHz Bandwidth, Mid Channel, 1962.5 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
47.796	0	47.8				



Port 1, Band 25, 1930 MHz - 1995 MHz, LTE, N-TM Modulation, Standalone, 200 kHz Bandwidth, High Channel, 1994.8 MHz						
Initial Value	Duty Cycle	Single Port				
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW				
36.909	0	36.9				



OUTPUT POWER - REDUCED POWER



TSTx 2021.12.14.1 XMR 2022.02.07.0

EUT: AHFII Remote Radio Head		Work Order: NOKI0037	
Serial Number: YK214000036		Date: 16-Mar-22	
Customer: Nokia Solutions and Networks		Temperature: 23 °C	
Attendees: David Le, John Rattanavong		Humidity: 38.3% RH	
Project: None		Barometric Pres.: 1016 mbar	
Tested by: Brandon Hobbs		Power: 54 VDC	
Job Site: TX09			

TEST SPECIFICATIONS		Test Method	
FCC 27:2022		ANSI C63.26:2015	
RSS-139 Issue 3:2015		RSS-139 Issue 3:2015	
RSS-170 Issue 3:2015		RSS-170 Issue 3:2015	

COMMENTS

All measurement path losses accounted for in the reference level offset including any attenuators, filters, and DC blocks. The carriers for LTE bandwidths: 200 kHz, 1.4 MHz, 3 MHz, 5 MHz, 10 MHz were reduced to demonstrate compliance with EIRP limits (65.16dBm/MHz).

DEVIATIONS FROM TEST STANDARD

None

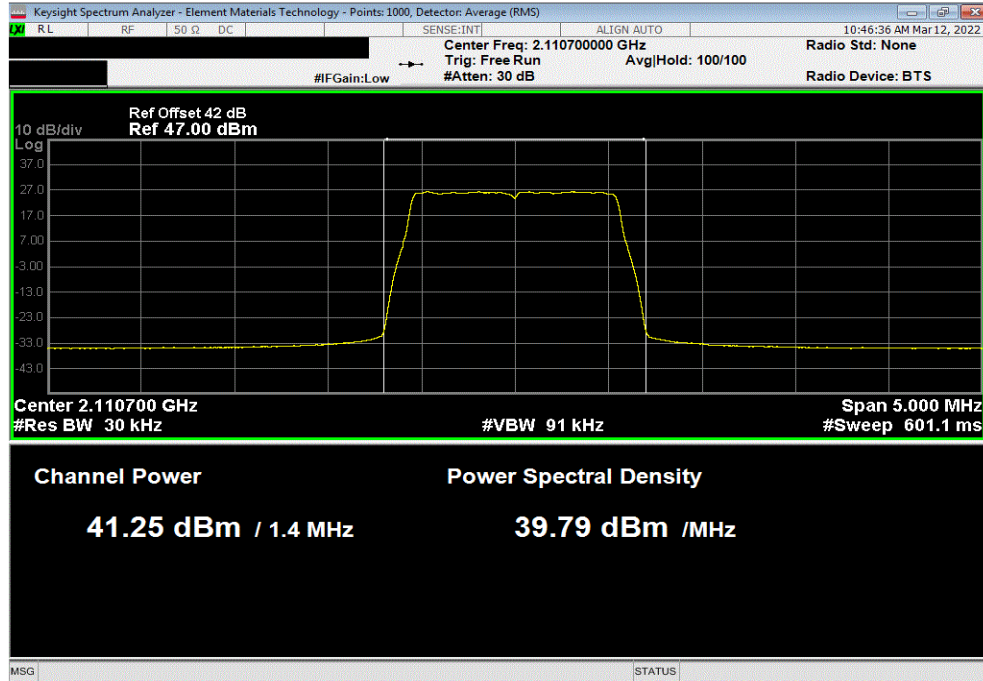
Configuration #	2	Signature	Initial Value dBm/Carrier BW	Duty Cycle Factor (dB)	Single Port dBm/Carrier BW
Port 1, Band 66, 2110 MHz - 2200 MHz, LTE					
QPSK Modulation					
Single Carrier					
1.4 MHz Bandwidth					
Low Channel, 2110.7 MHz					
			41.251	0	41.3
16-QAM Modulation					
Single Carrier					
3 MHz Bandwidth					
Mid Channel, 2155 MHz					
			43.477	0	43.5
5 MHz Bandwidth					
Mid Channel, 2155 MHz					
			46.248	0	46.2
E-TM1.1 w N-TM Modulation					
In-band					
5 MHz Bandwidth					
Mid Channel, 2155 MHz					
			44.987	0	45.0
10 MHz Bandwidth					
Mid Channel, 2155 MHz					
			47.373	0	47.4
N-TM Modulation					
Standalone					
200 kHz Bandwidth					
High Channel, 2199.8 MHz					
			39.324	0	39.3

OUTPUT POWER - REDUCED POWER

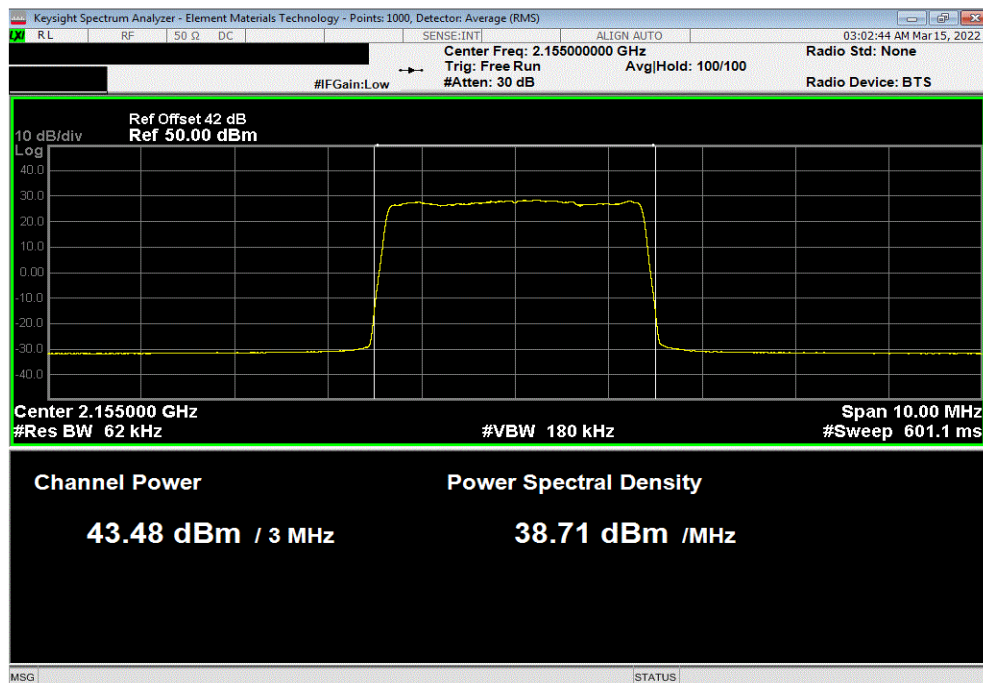


TxtTx 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, QPSK Modulation, Single Carrier, 1.4 MHz Bandwidth, Low Channel, 2110.7 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
41.251	0	41.3			



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, 16-QAM Modulation, Single Carrier, 3 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
43.477	0	43.5			

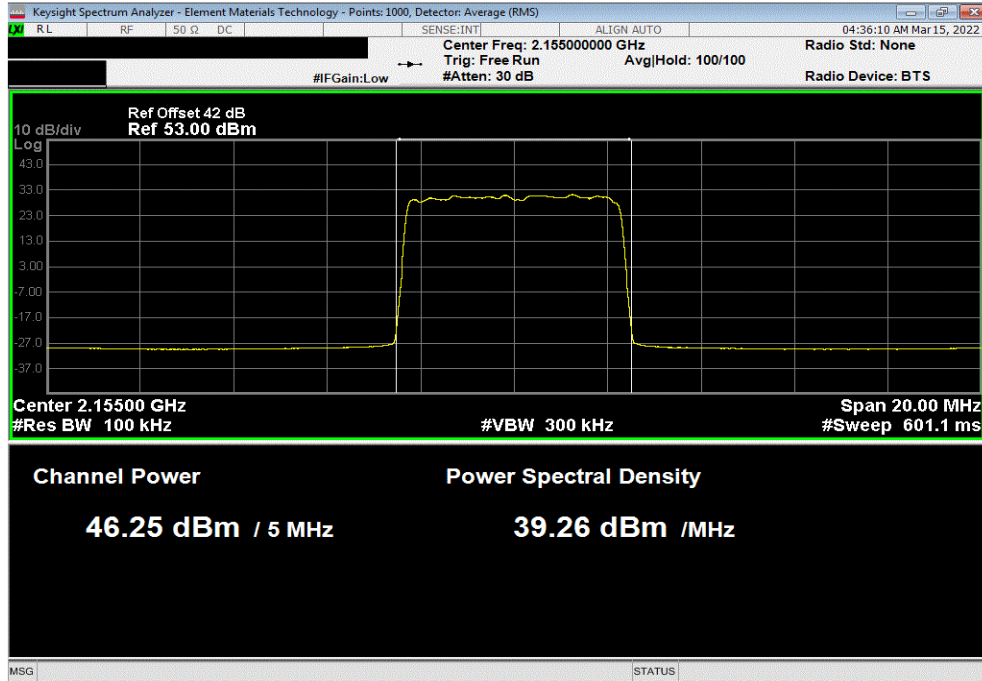


OUTPUT POWER - REDUCED POWER

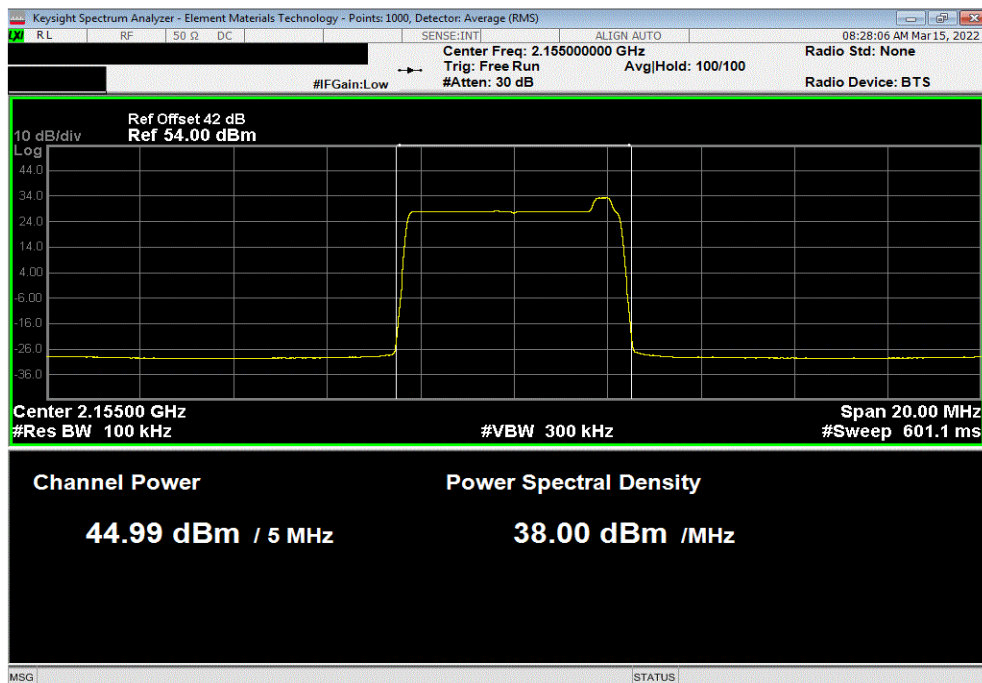


TbTtX 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, 16-QAM Modulation, Single Carrier, 5 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
46.248	0	46.2			



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 5 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
44.987	0	45.0			

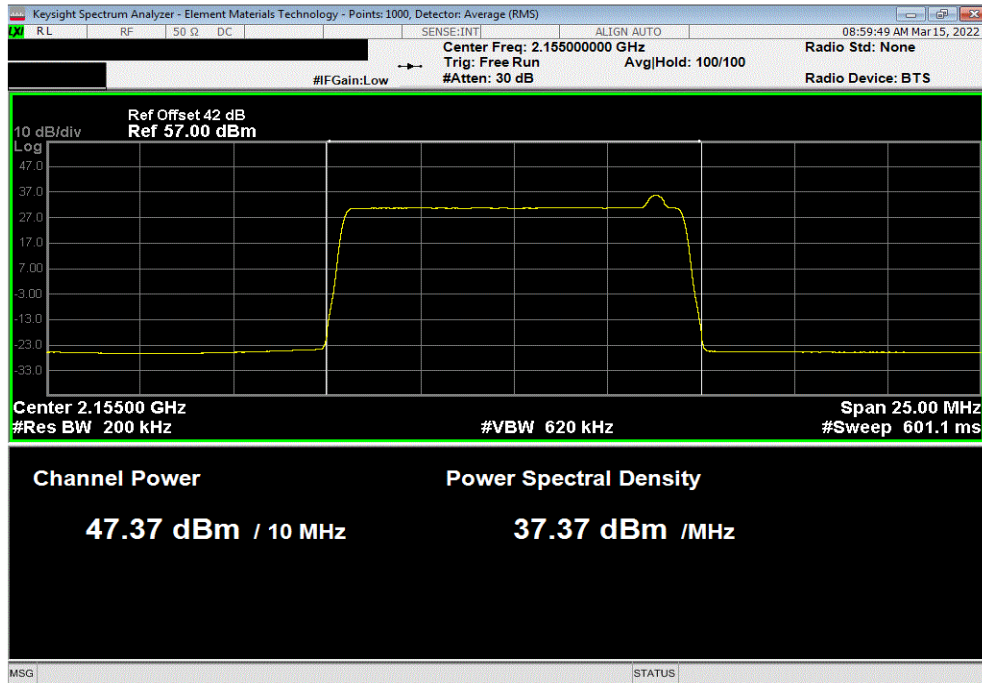


OUTPUT POWER - REDUCED POWER

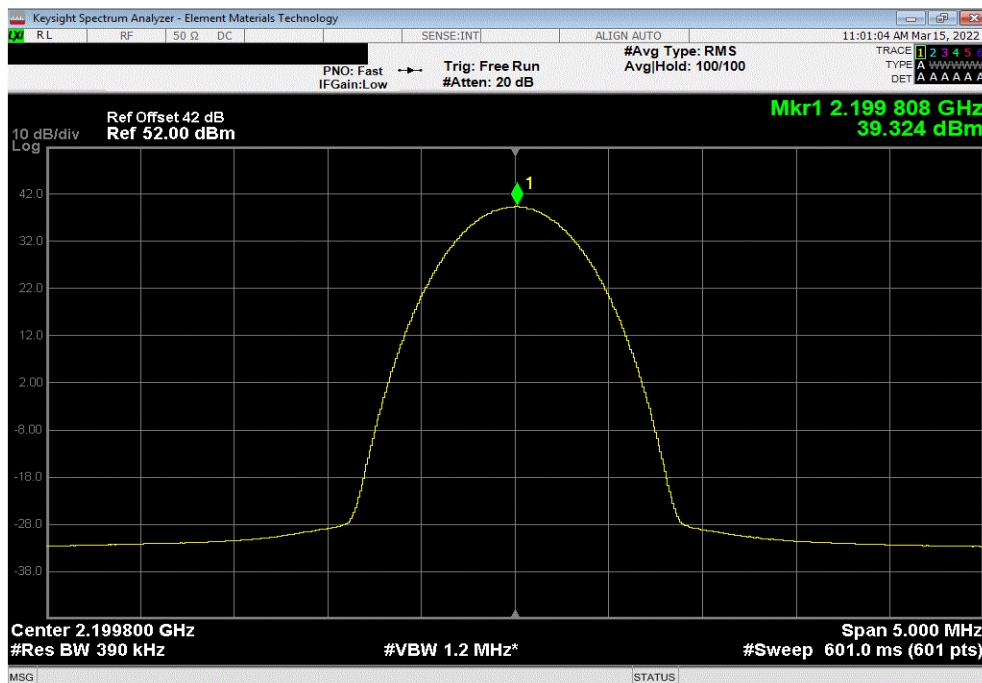


TxtTx 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 10 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
47.373	0	47.4			



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, N-TM Modulation, Standalone, 200 kHz Bandwidth, High Channel, 2199.8 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
39.324	0	39.3			



OUTPUT POWER - REDUCED POWER



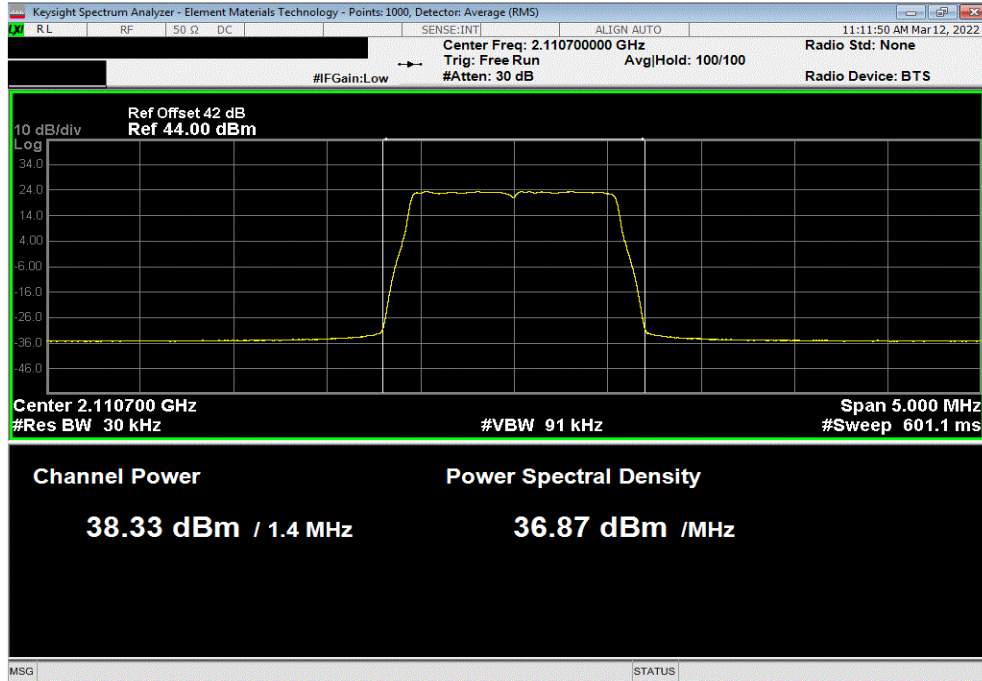
EUT: AHFII Remote Radio Head		Work Order: NOKI0037	
Serial Number: YK214000036		Date: 14-Mar-22	
Customer: Nokia Solutions and Networks		Temperature: 21.6 °C	
Attendees: David Le, John Rattanavong		Humidity: 35.5% RH	
Project: None		Barometric Pres.: 1015 mbar	
Tested by: Brandon Hobbs		Job Site: TX09	
Power: 54 VDC			
TEST SPECIFICATIONS		Test Method	
FCC 27:2022		ANSI C63.26:2015	
RSS-139 Issue 3:2015		RSS-139 Issue 3:2015	
RSS-170 Issue 3:2015		RSS-170 Issue 3:2015	
COMMENTS			
All measurement path losses accounted for in the reference level offset including any attenuators, filters, and DC blocks. The carriers for LTE bandwidths: 200 kHz, 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz were reduced to demonstrate compliance with EIRP limits (62.15dBm/MHz).			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	2	Signature	
		Initial Value dBm/Carrier BW	Duty Cycle Factor (dB)
			Single Port dBm/Carrier BW
Port 1, Band 66, 2110 MHz - 2200 MHz, LTE			
QPSK Modulation			
Single Carrier			
	1.4 MHz Bandwidth		
	Low Channel, 2110.7 MHz	38.334	0
			38.3
16-QAM Modulation			
Single Carrier			
	3 MHz Bandwidth		
	Mid Channel, 2155 MHz	40.782	0
			40.8
	5 MHz Bandwidth		
	Mid Channel, 2155 MHz	42.818	0
			42.8
	10 MHz Bandwidth		
	Mid Channel, 2155 MHz	45.792	0
			45.8
	15 MHz Bandwidth		
	Mid Channel, 2155 MHz	46.771	0
			46.8
E-TM1.1 w N-TM Modulation			
Guard Band			
	10 MHz Bandwidth		
	Mid Channel, 2155 MHz	45.498	0
			45.5
	15 MHz Bandwidth		
	Mid Channel, 2155 MHz	47.503	0
			47.5
In-band			
	5 MHz Bandwidth		
	Mid Channel, 2155 MHz	41.998	0
			42.0
	10 MHz Bandwidth		
	Mid Channel, 2155 MHz	44.595	0
			44.6
	15 MHz Bandwidth		
	Mid Channel, 2155 MHz	46.382	0
			46.4
	20 MHz Bandwidth		
	Mid Channel, 2155 MHz	47.00	0
			47.0
N-TM Modulation			
Standalone			
	200 kHz Bandwidth		
	High Channel, 2199.8 MHz	36.584	0
			36.6

OUTPUT POWER - REDUCED POWER

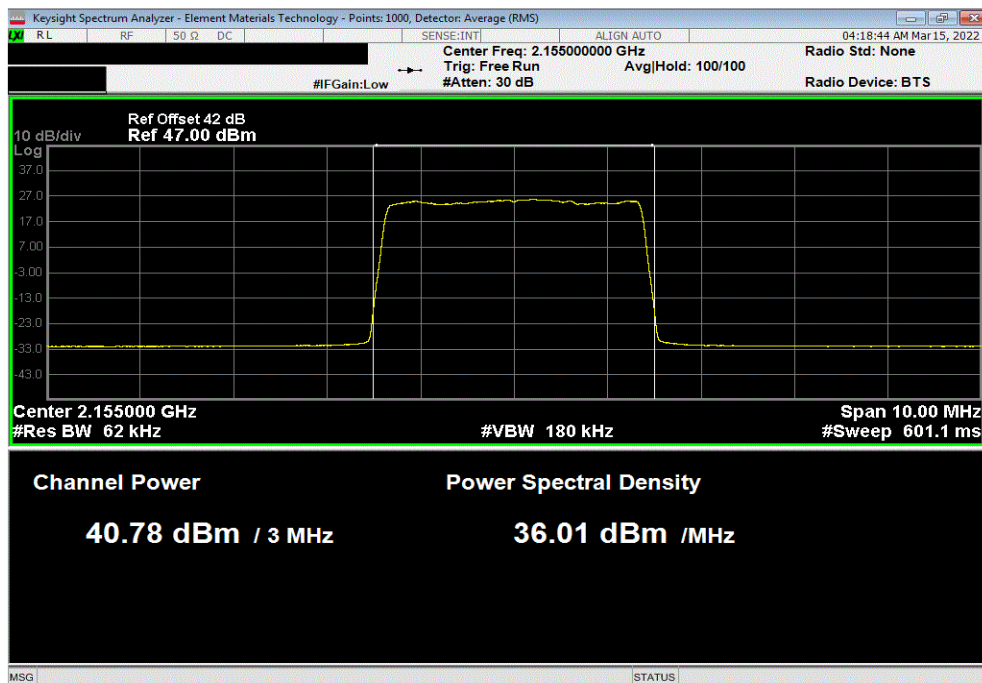


TxtTx 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, QPSK Modulation, Single Carrier, 1.4 MHz Bandwidth, Low Channel, 2110.7 MHz						
Initial Value		Duty Cycle		Single Port		
dBm/Carrier BW		Factor (dB)		dBm/Carrier BW		
38.334		0		38.3		



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, 16-QAM Modulation, Single Carrier, 3 MHz Bandwidth, Mid Channel, 2155 MHz						
Initial Value		Duty Cycle		Single Port		
dBm/Carrier BW		Factor (dB)		dBm/Carrier BW		
40.782		0		40.8		

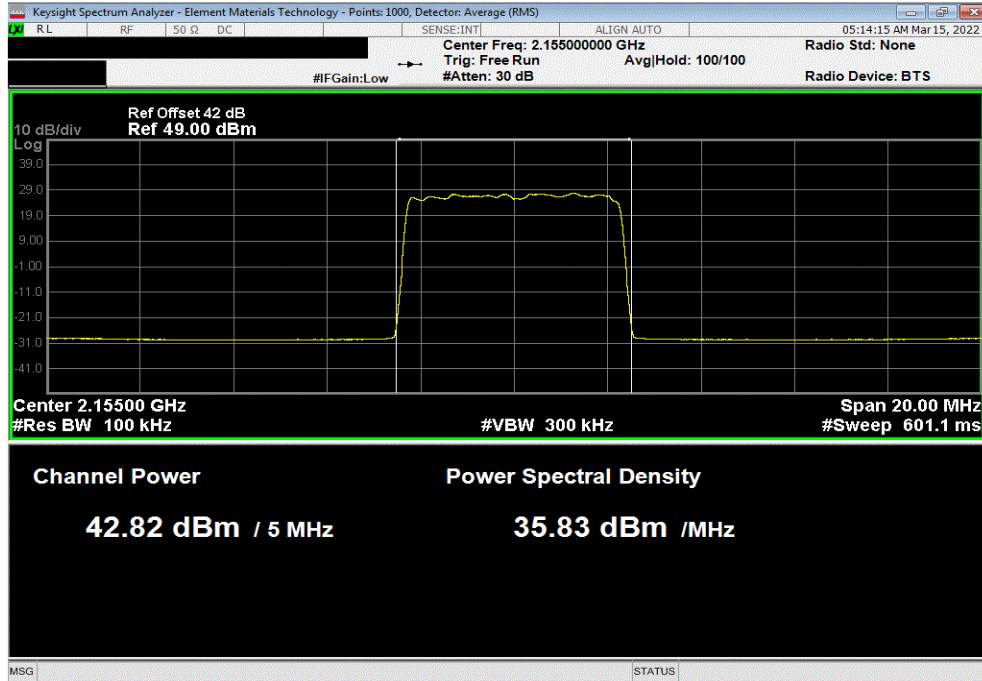


OUTPUT POWER - REDUCED POWER

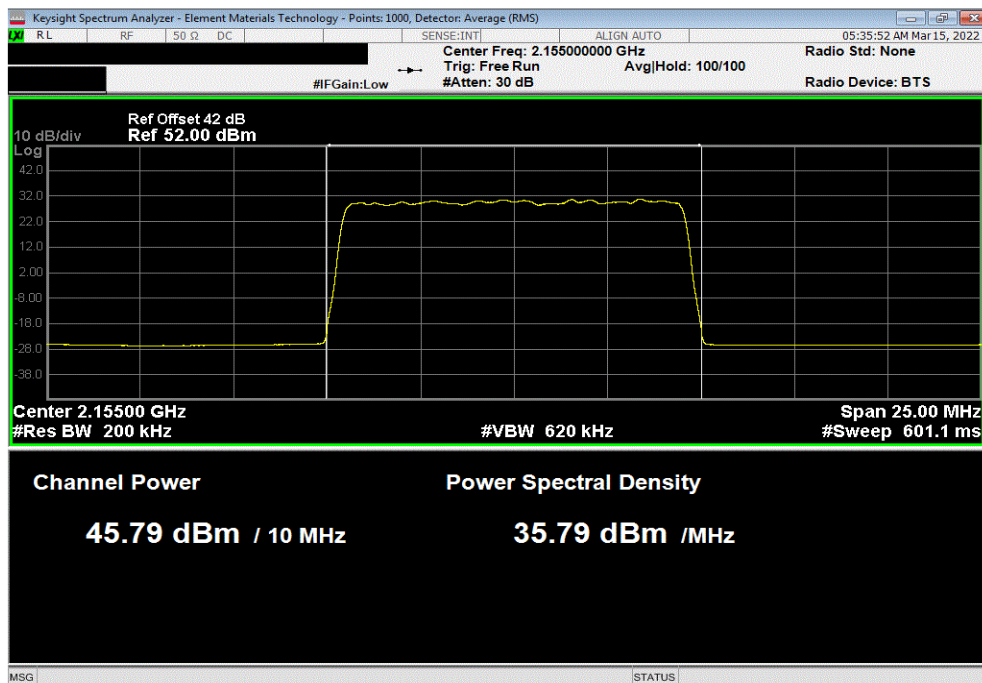


TxtTx 2021.12.14.1 XMill 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, 16-QAM Modulation, Single Carrier, 5 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
42.818	0	42.8			



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, 16-QAM Modulation, Single Carrier, 10 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
45.792	0	45.8			

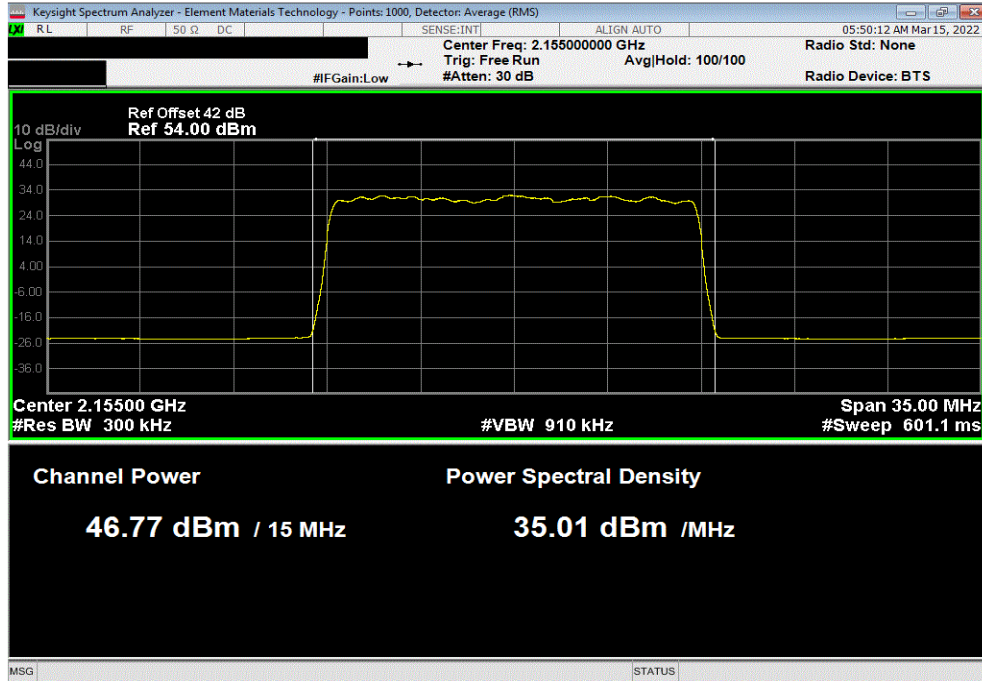


OUTPUT POWER - REDUCED POWER

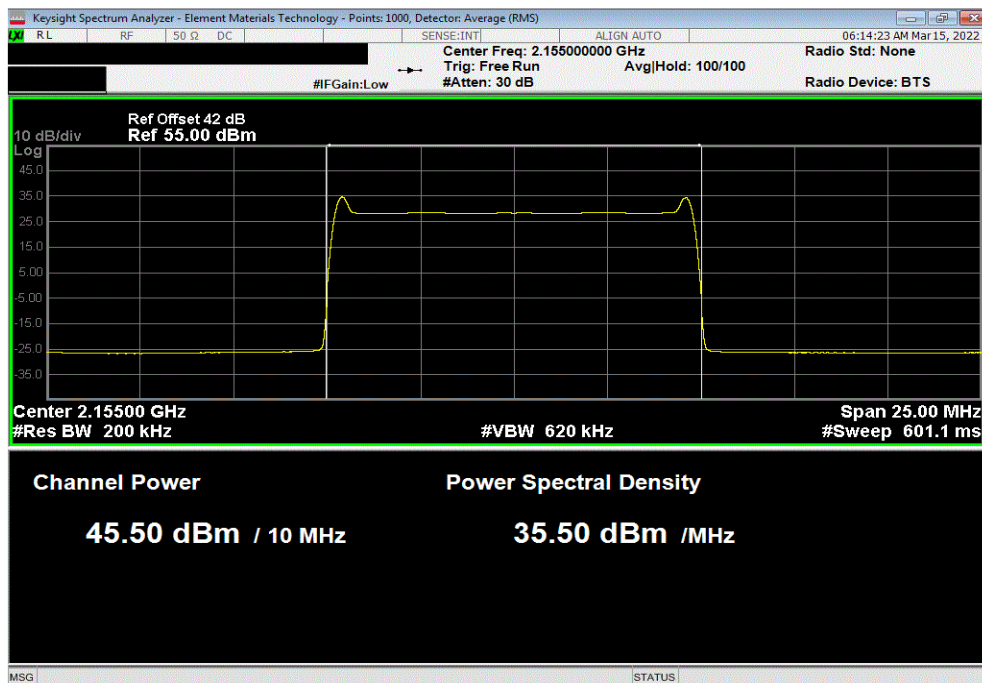


TxtTx 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, 16-QAM Modulation, Single Carrier, 15 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
46.771	0	46.8			



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, Guard Band, 10 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
45.498	0	45.5			

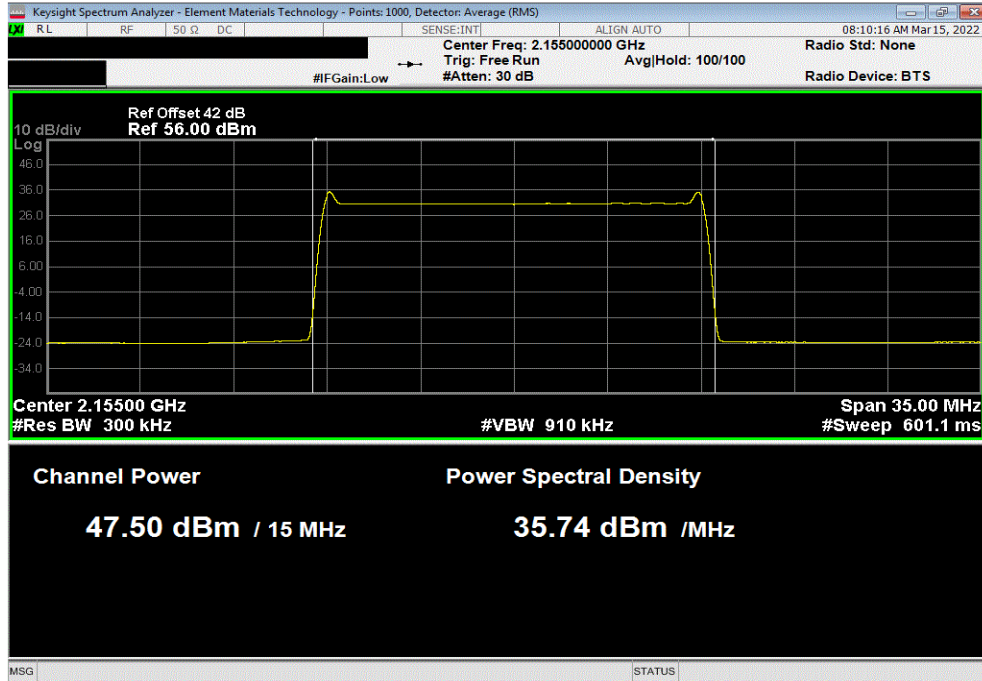


OUTPUT POWER - REDUCED POWER

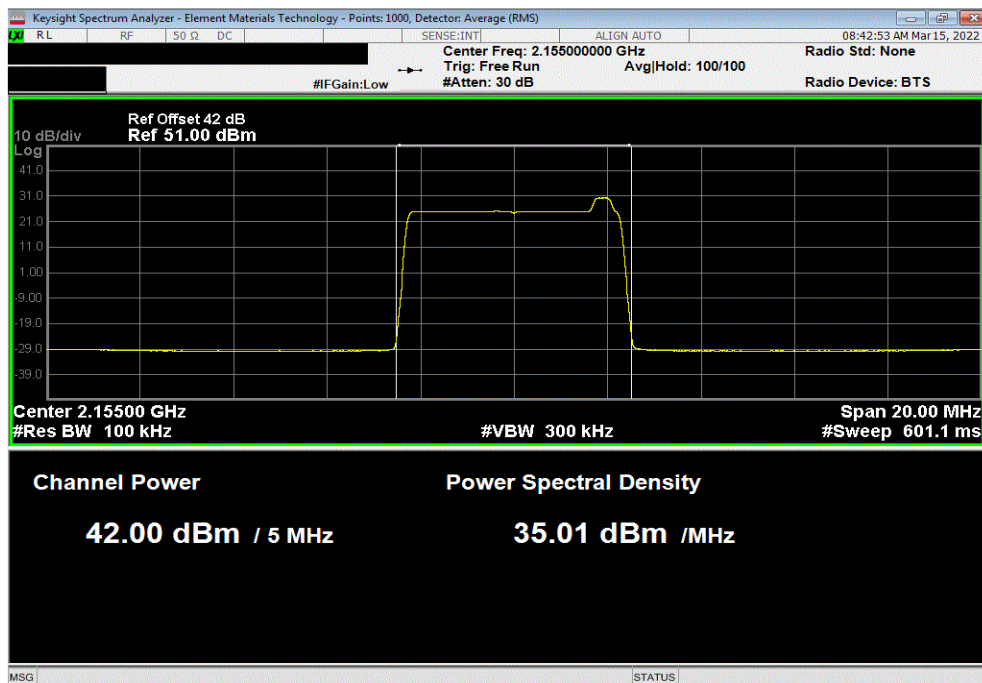


TxtTx 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, Guard Band, 15 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
47.503	0	47.5			



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 5 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
41.998	0	42.0			

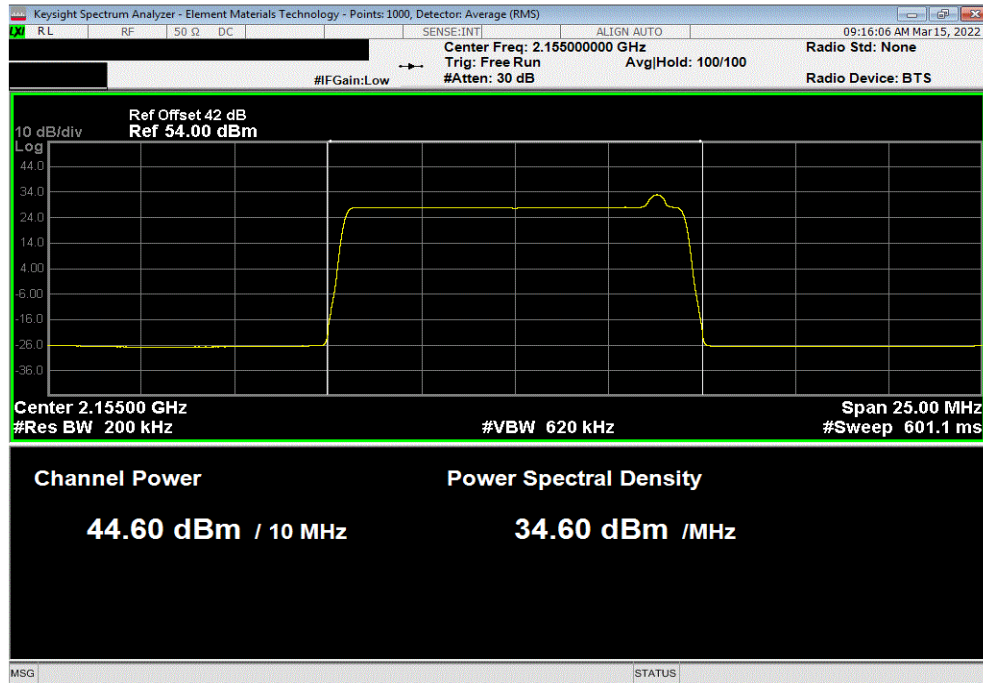


OUTPUT POWER - REDUCED POWER

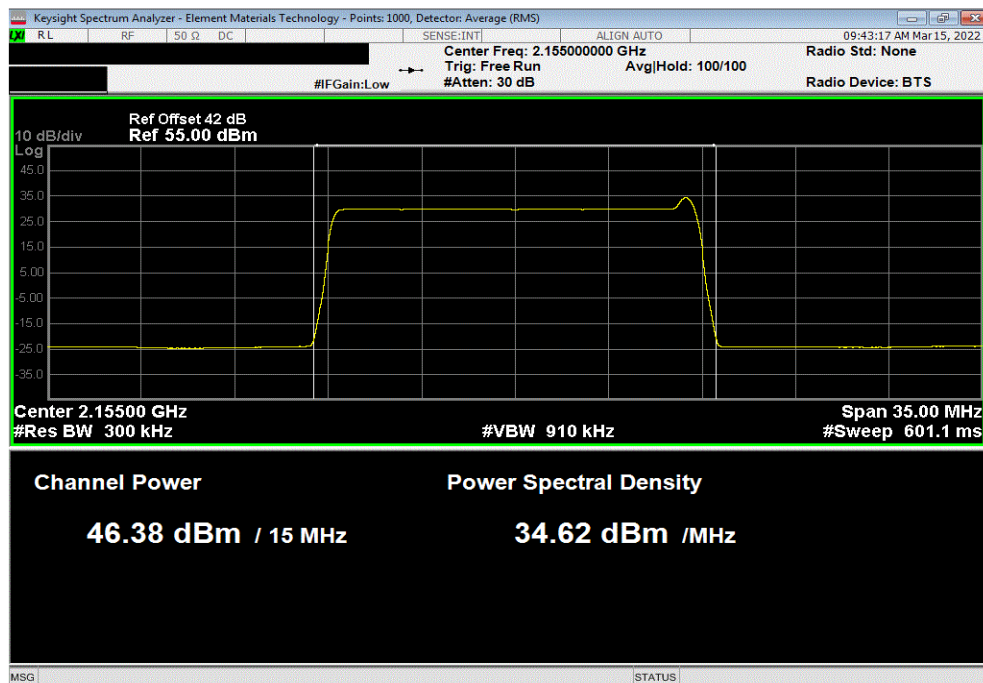


TxtTx 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 10 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value		Duty Cycle		Single Port	
dBm/Carrier BW		Factor (dB)		dBm/Carrier BW	
44.595		0		44.6	



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 15 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value		Duty Cycle		Single Port	
dBm/Carrier BW		Factor (dB)		dBm/Carrier BW	
46.382		0		46.4	

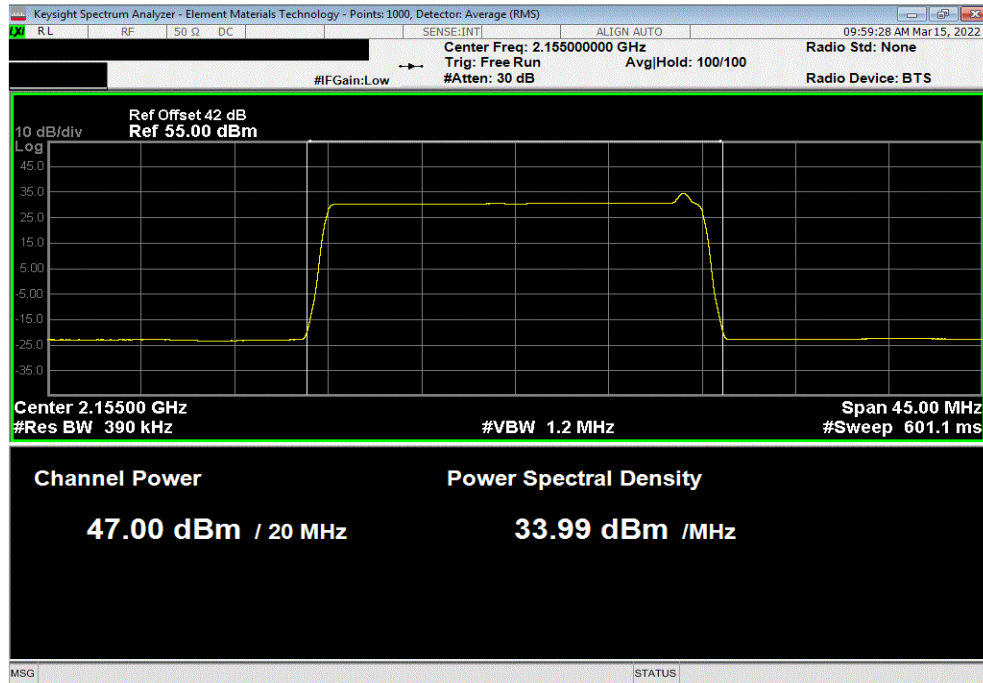


OUTPUT POWER - REDUCED POWER



TxtTx 2021.12.14.1 XMit 2022.02.07.0

Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, E-TM1.1 w N-TM Modulation, In-band, 20 MHz Bandwidth, Mid Channel, 2155 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
47.00	0	47.0			



Port 1, Band 66, 2110 MHz - 2200 MHz, LTE, N-TM Modulation, Standalone, 200 kHz Bandwidth, High Channel, 2199.8 MHz					
Initial Value	Duty Cycle	Single Port			
dBm/Carrier BW	Factor (dB)	dBm/Carrier BW			
36.584	0	36.6			

