

# OUTPUT POWER



XMit 2017.02.08

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	Keysight	N5182B	TFU	10/27/2015	10/27/2018
Block - DC	Fairview Microwave	SD3379	AMW	6/5/2017	6/5/2018
Attenuator	S.M. Electronics	SA26B-20	AUY	5/30/2017	5/30/2018
Cable	Micro-Coax	UFD150A-1-0720-200200	EVH	5/30/2017	5/30/2018
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	8/10/2016	8/10/2017

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The peak output power was measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting in a no hop mode at the data rate(s) listed in the datasheet.

The method found in ANSI C63.10:2013 Section 7.8.5 was used for a FHSS radio.

**De Facto EIRP Limit:** The EUT meets the de facto EIRP limit of +27dBm.

# OUTPUT POWER



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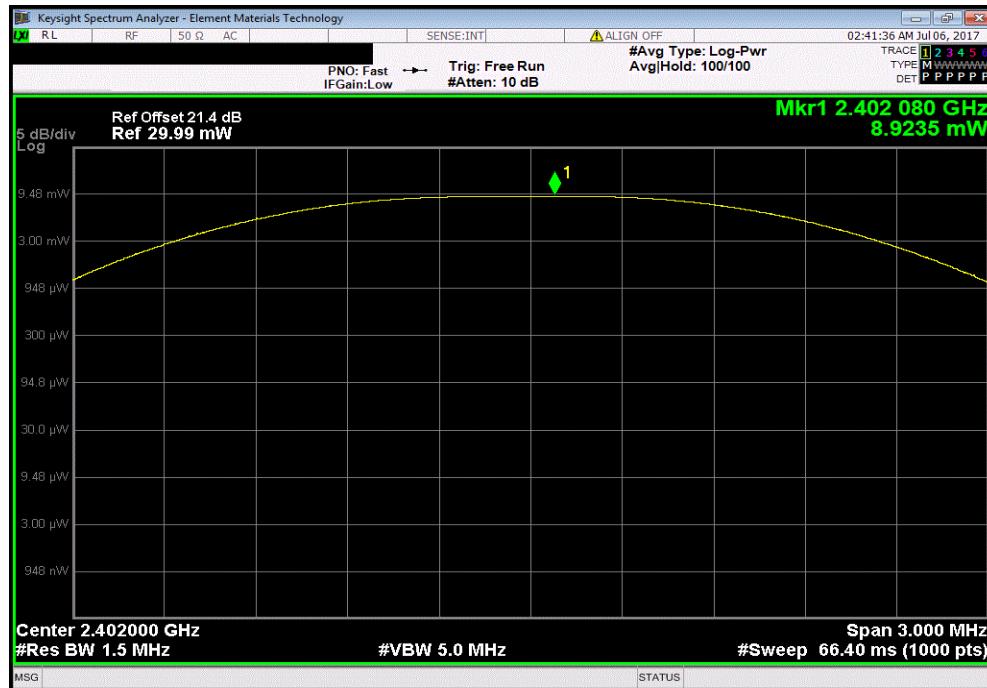
EUT:	APx 525D2	Work Order:	AUDI0246	
Serial Number:	APX2-28804	Date:	07/05/17	
Customer:	Audio Precision	Temperature:	23.1 °C	
Attendees:	None	Humidity:	45% RH	
Project:	None	Barometric Pres.:	1017 mbar	
Tested by:	Jeff Alcock and Rod Peloquin	Power:	110VAC/60Hz	
TEST SPECIFICATIONS		Test Method	ANSI C63.10:2013	
FCC 15.247:2017				
COMMENTS	BR and EDR Power settings [(Ext),(Int)]=[255,63]			
DEVIATIONS FROM TEST STANDARD	None			
Configuration #	1	Signature		
Source		Value	Limit (<)	Result
DH5, GFSK	Low Channel, 2402 MHz	8.924 mW	125 mW	Pass
	Mid Channel, 2440 MHz	9.559 mW	125 mW	Pass
	High Channel, 2480 MHz	6.516 mW	125 mW	Pass
2DH5, pi/4-DQPSK	Low Channel, 2402 MHz	7.785 mW	125 mW	Pass
	Mid Channel, 2440 MHz	8.182 mW	125 mW	Pass
	High Channel, 2480 MHz	7.347 mW	125 mW	Pass
3DH5, 8-DPSK	Low Channel, 2402 MHz	8.011 mW	125 mW	Pass
	Mid Channel, 2440 MHz	8.43 mW	125 mW	Pass
	High Channel, 2480 MHz	7.607 mW	125 mW	Pass
Sink		Value	Limit (<)	Result
DH5, GFSK	Low Channel, 2402 MHz	9.108 mW	125 mW	Pass
	Mid Channel, 2440 MHz	8.828 mW	125 mW	Pass
	High Channel, 2480 MHz	8.154 mW	125 mW	Pass
2DH5, pi/4-DQPSK	Low Channel, 2402 MHz	7.455 mW	125 mW	Pass
	Mid Channel, 2440 MHz	7.373 mW	125 mW	Pass
	High Channel, 2480 MHz	6.768 mW	125 mW	Pass
3DH5, 8-DPSK	Low Channel, 2402 MHz	7.793 mW	125 mW	Pass
	Mid Channel, 2440 MHz	7.699 mW	125 mW	Pass
	High Channel, 2480 MHz	7.071 mW	125 mW	Pass

# OUTPUT POWER

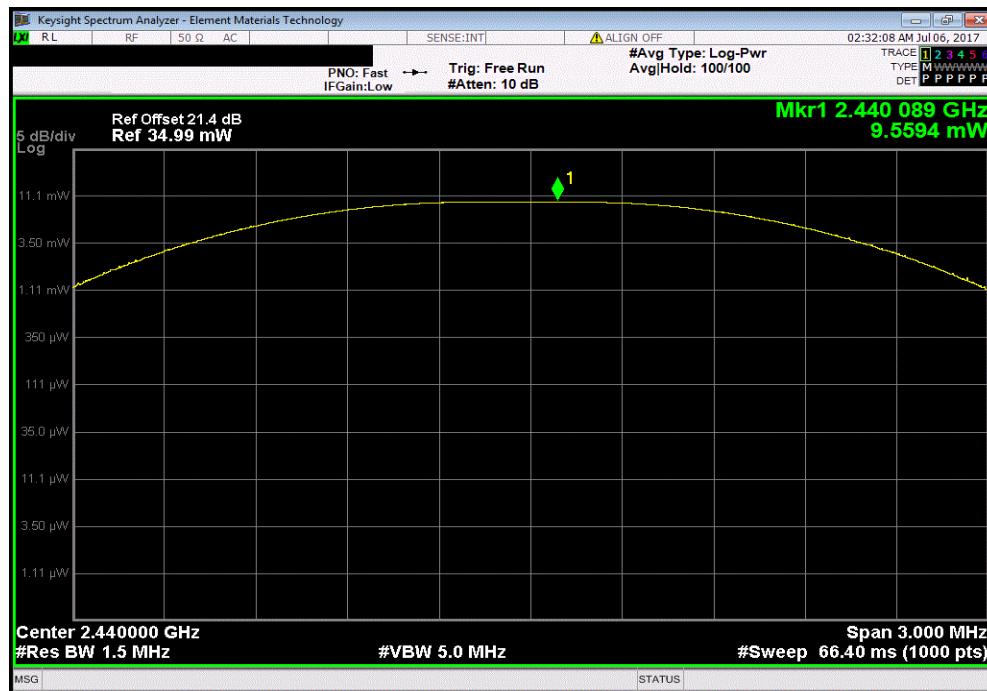


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Source, DH5, GFSK, Low Channel, 2402 MHz			Value	Limit	Result
			8.924 mW	(<) 125 mW	Pass



Source, DH5, GFSK, Mid Channel, 2440 MHz			Value	Limit	Result
			9.559 mW	(<) 125 mW	Pass

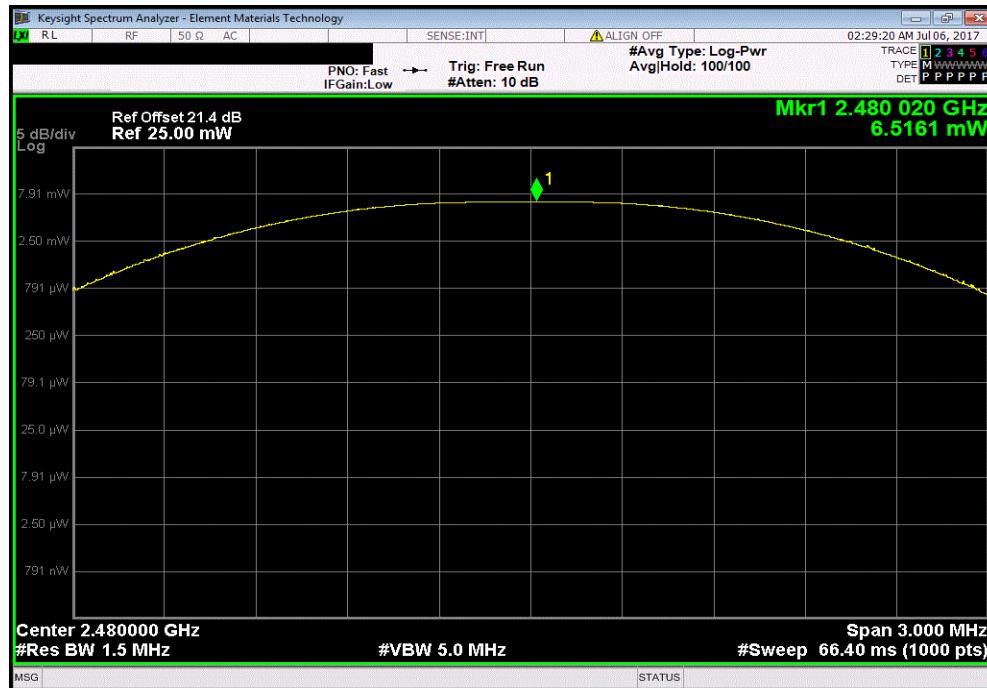


# OUTPUT POWER

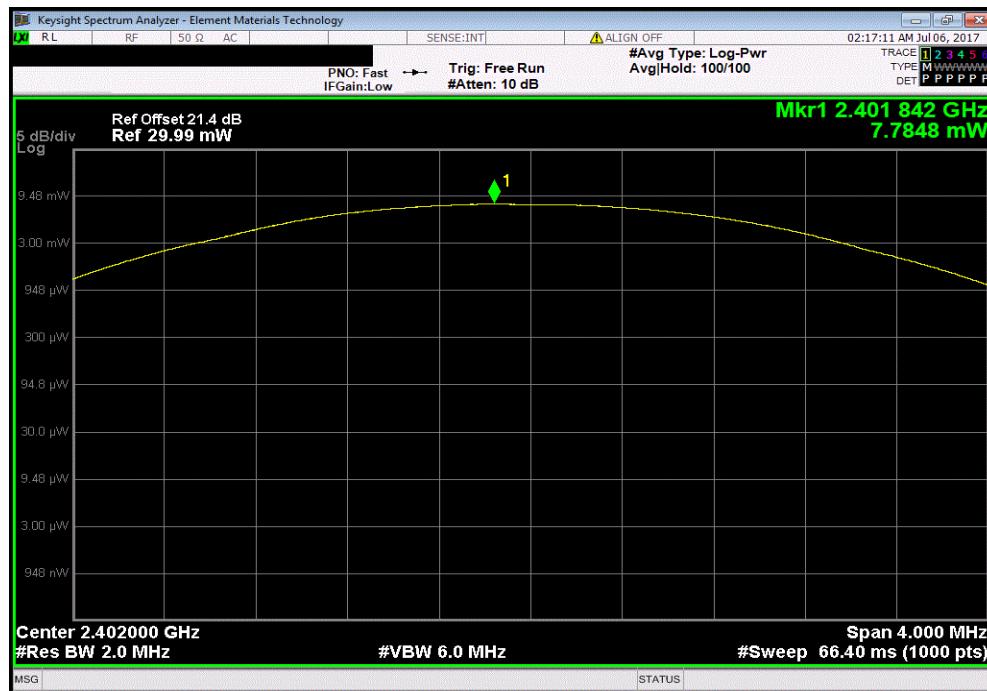


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Source, DH5, GFSK, High Channel, 2480 MHz			Value	Limit	Result
			(<)	(<)	
			6.516 mW	125 mW	Pass



Source, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			Value	Limit	Result
			(<)	(<)	
			7.785 mW	125 mW	Pass

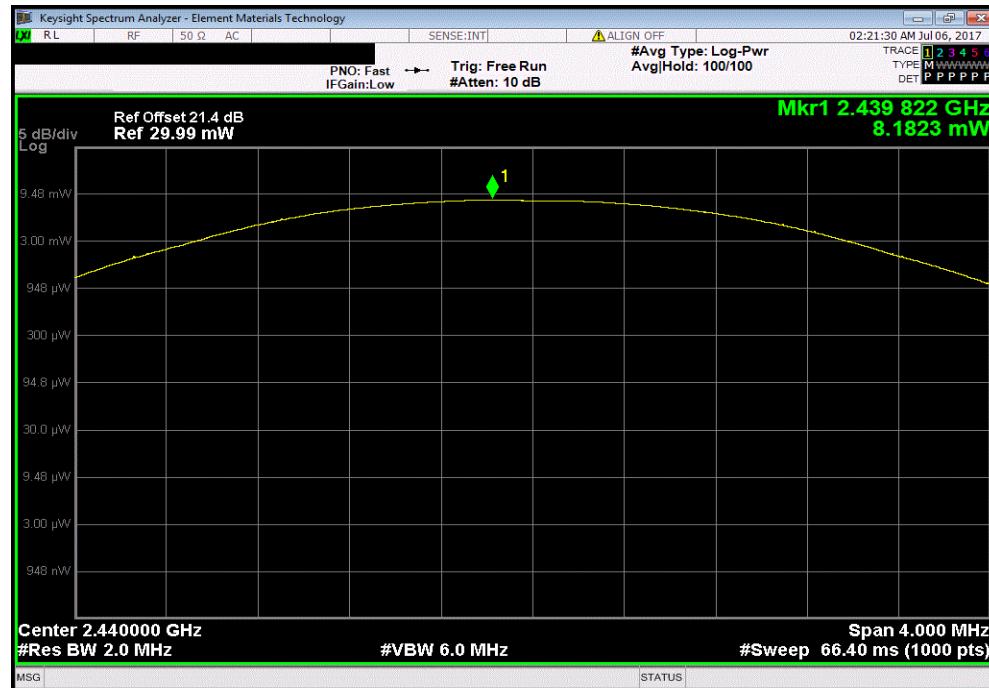


# OUTPUT POWER

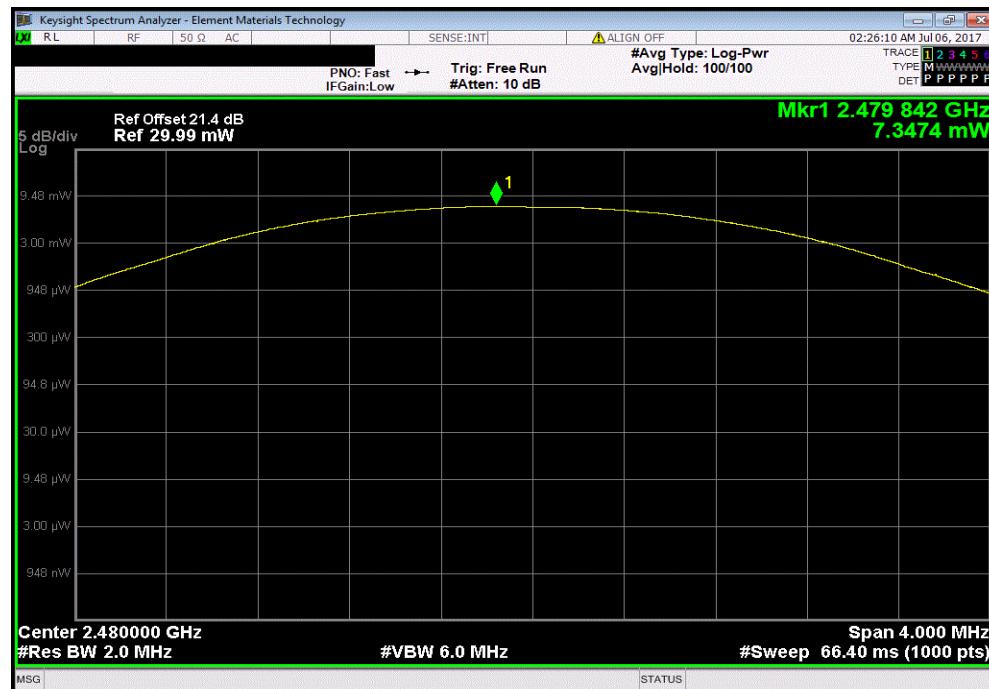


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Source, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			Value	Limit (≤)	Result
			8.182 mW	125 mW	Pass



Source, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			Value	Limit (≤)	Result
			7.347 mW	125 mW	Pass

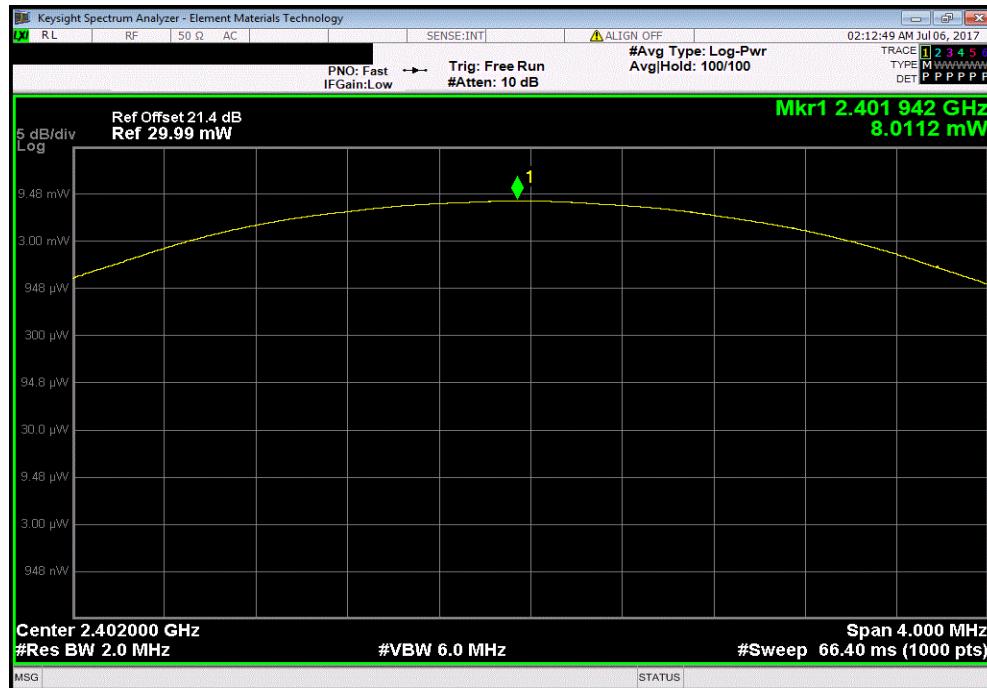


# OUTPUT POWER

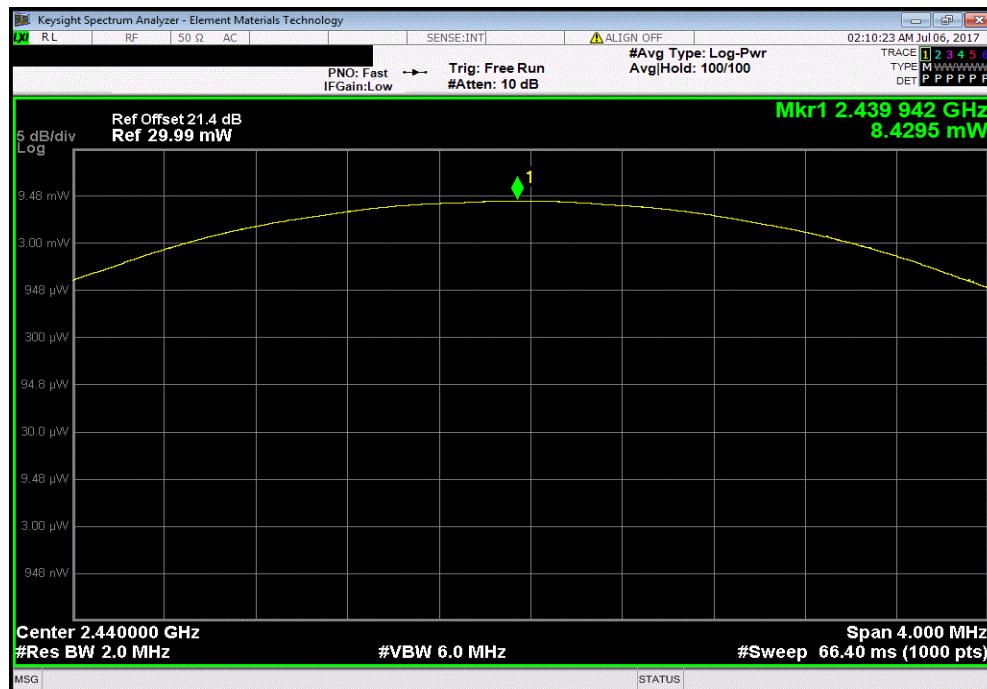


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Source, 3DH5, 8-DPSK, Low Channel, 2402 MHz			Limit
	Value	(<)	Result
	8.011 mW	125 mW	Pass



Source, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			Limit
	Value	(<)	Result
	8.43 mW	125 mW	Pass

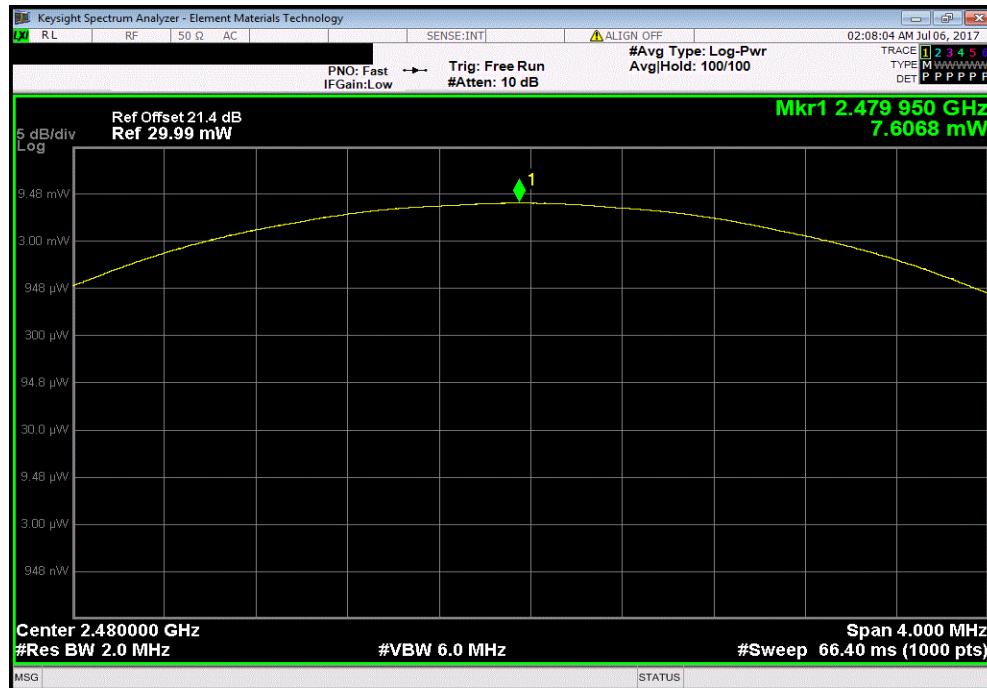


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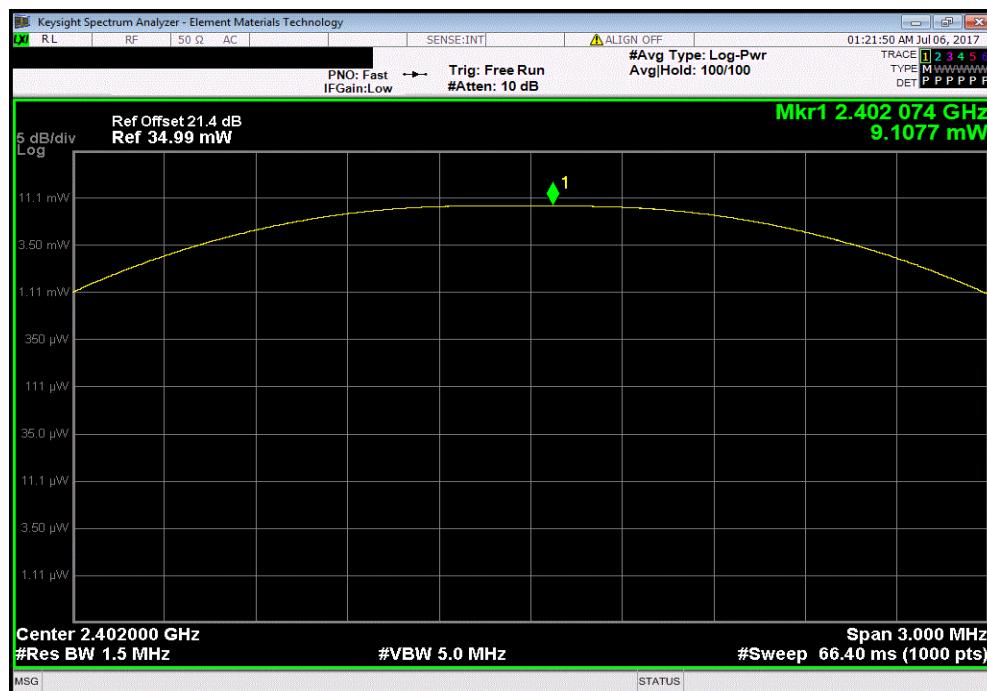


TbTx 2017.04.18 XM1 2017.02.08

Source, 3DH5, 8-DPSK, High Channel, 2480 MHz			Value	Limit (≤)	Result
			7.607 mW	125 mW	Pass



Sink, DH5, GFSK, Low Channel, 2402 MHz			Value	Limit (≤)	Result
			9.108 mW	125 mW	Pass

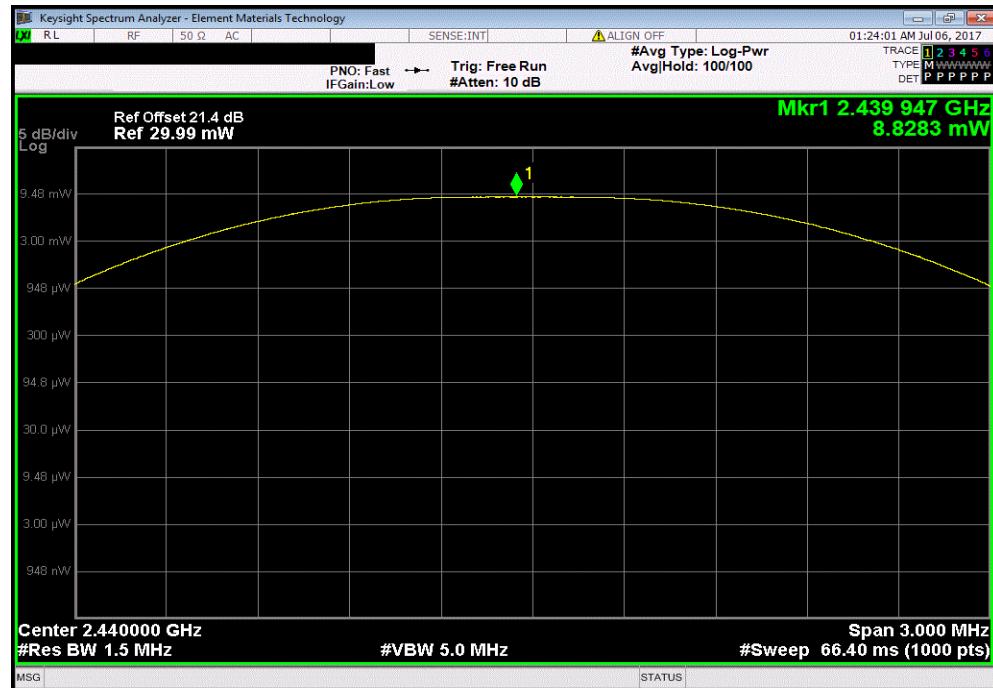


# OUTPUT POWER

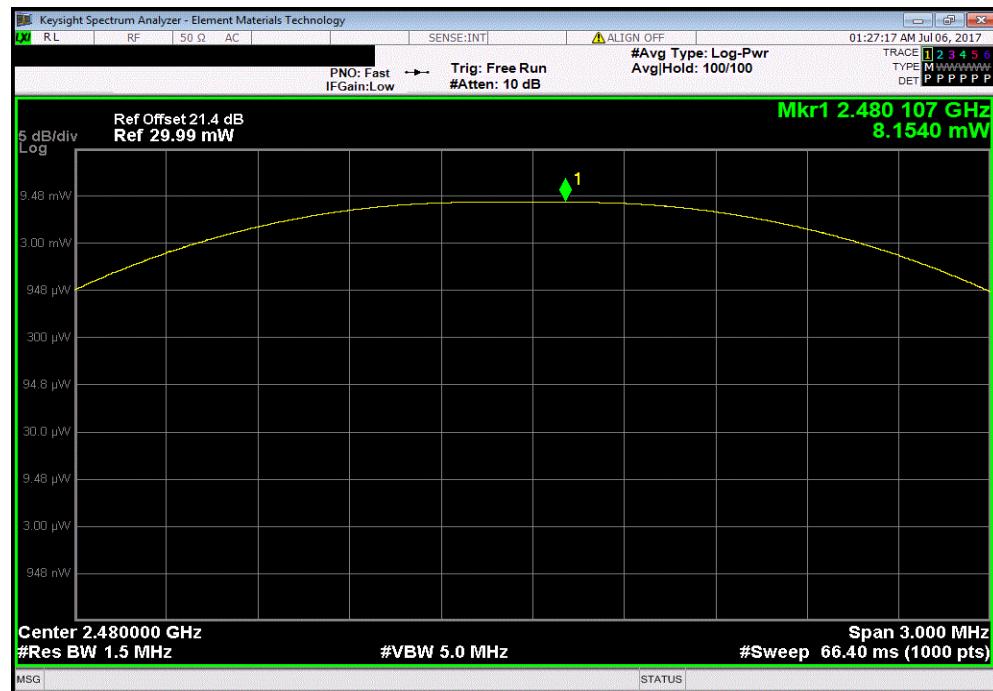


TbTx 2017.04.18 XM1 2017.02.08

Sink, DH5, GFSK, Mid Channel, 2440 MHz			Value	Limit (≤)	Result
			8.828 mW	125 mW	Pass



Sink, DH5, GFSK, High Channel, 2480 MHz			Value	Limit (≤)	Result
			8.154 mW	125 mW	Pass

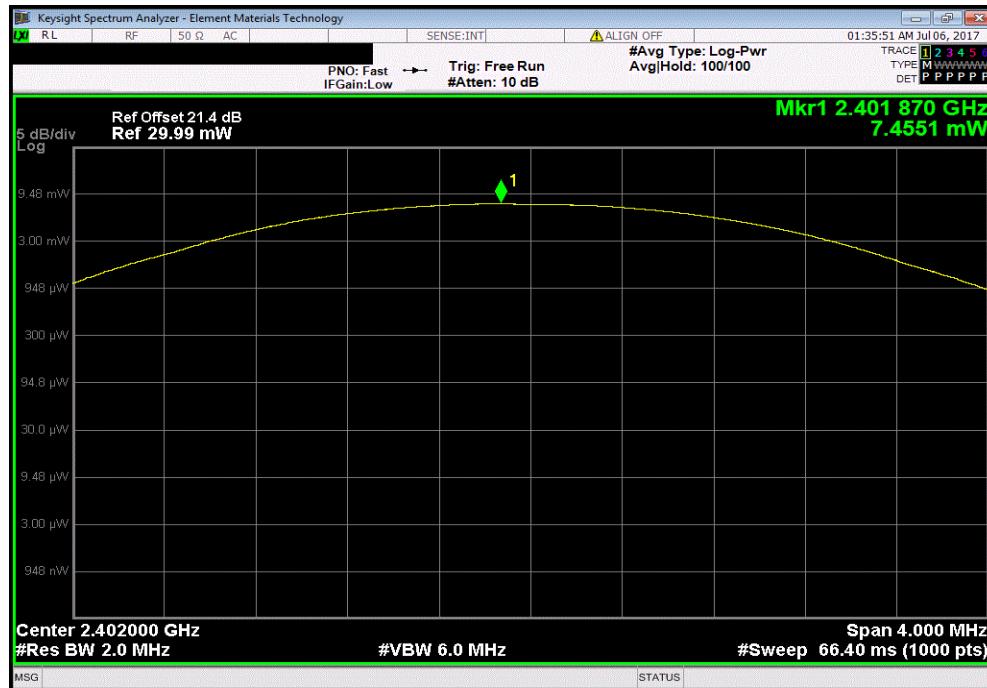


# OUTPUT POWER

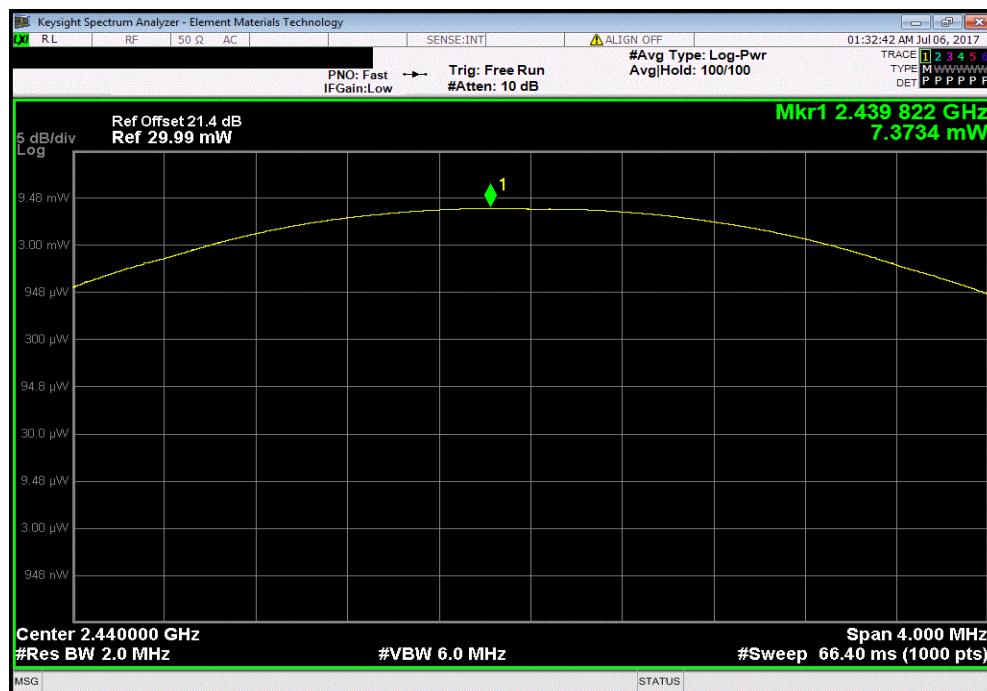


TbTx 2017.04.18 XM1 2017.02.08

Sink, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			Value	Limit (≤)	Result
			7.455 mW	125 mW	Pass



Sink, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			Value	Limit (≤)	Result
			7.373 mW	125 mW	Pass

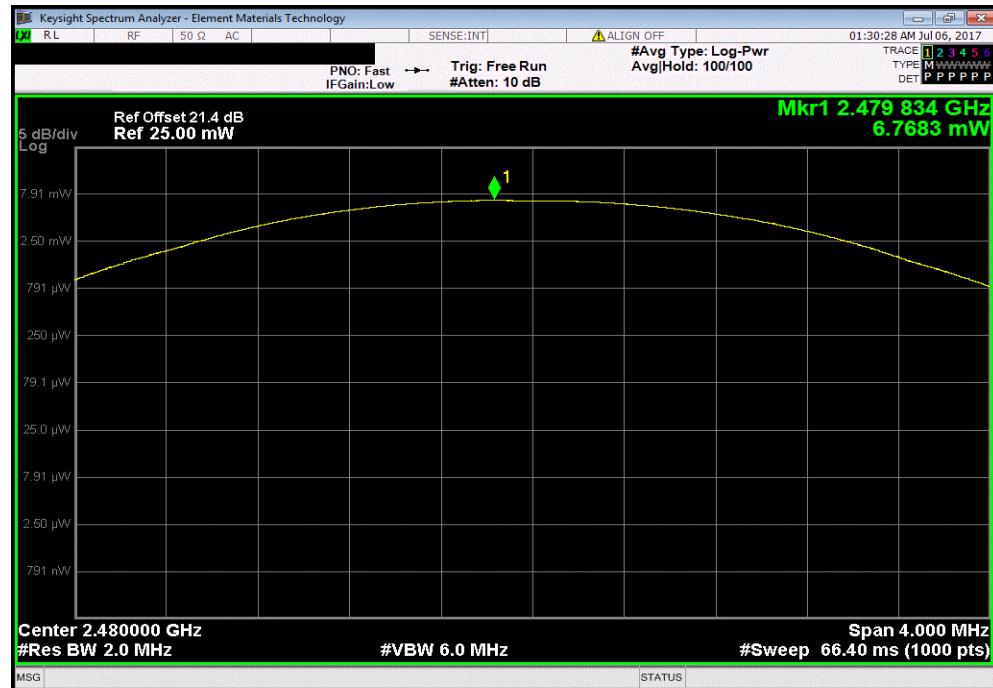


# OUTPUT POWER

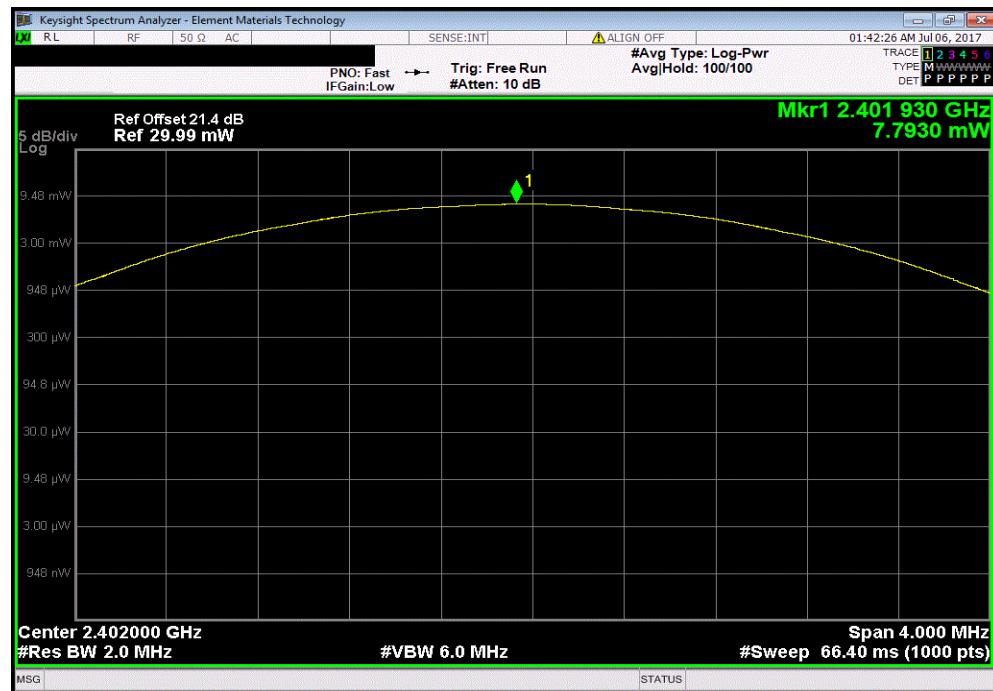


TbTx 2017.04.18 XM1 2017.02.08

Sink, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			Value	Limit (≤)	Result
			6.768 mW	125 mW	Pass



Sink, 3DH5, 8-DPSK, Low Channel, 2402 MHz			Value	Limit (≤)	Result
			7.793 mW	125 mW	Pass

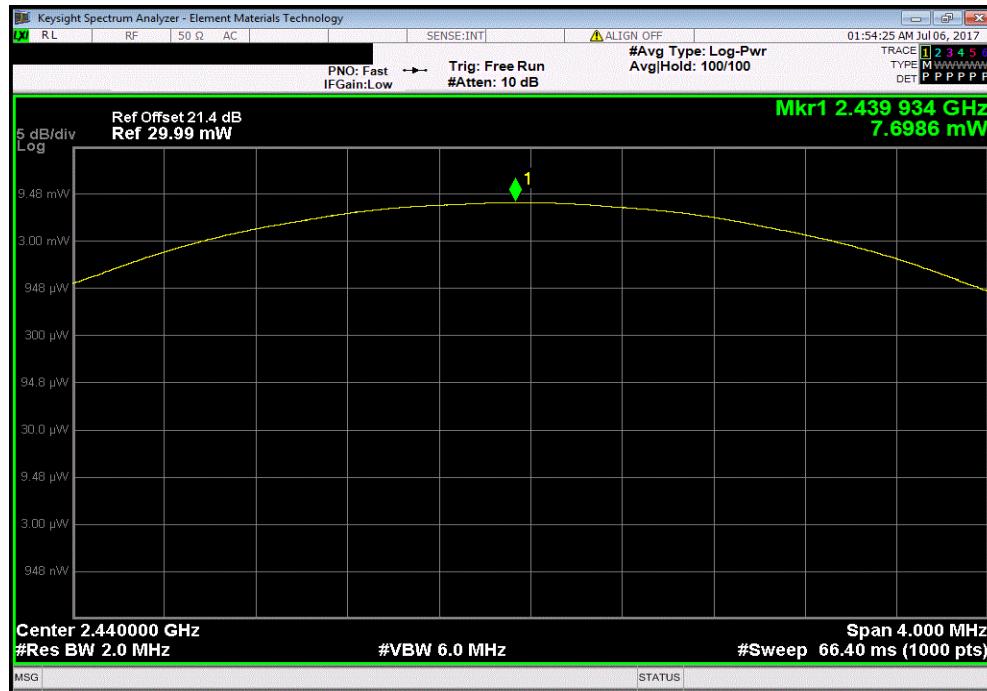


# OUTPUT POWER

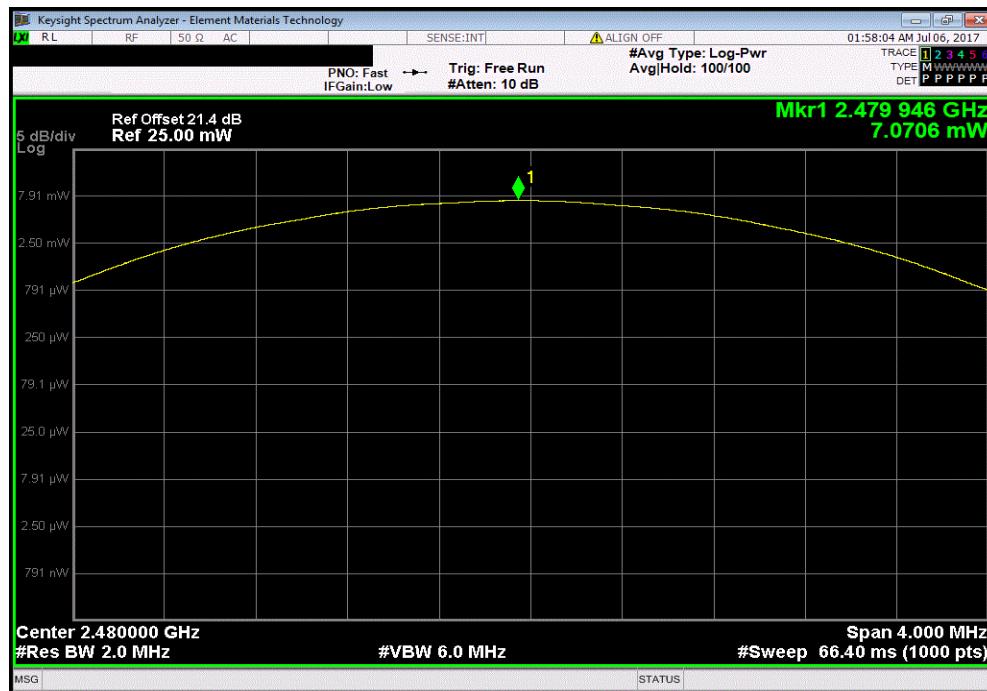


TbTx 2017.04.18 XM1 2017.02.08

Sink, 3DH5, 8-DPSK, Mid Channel, 2440 MHz				Value	Limit	Result
				(<)	(<)	
				7.699 mW	125 mW	Pass



Sink, 3DH5, 8-DPSK, High Channel, 2480 MHz				Value	Limit	Result
				(<)	(<)	
				7.071 mW	125 mW	Pass



# BAND EDGE COMPLIANCE



XMIT 2017.02.08

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	Keysight	N5182B	TFU	10/27/2015	10/27/2018
Block - DC	Fairview Microwave	SD3379	AMW	6/5/2017	6/5/2018
Attenuator	S.M. Electronics	SA26B-20	AUY	5/30/2017	5/30/2018
Cable	Micro-Coax	UFD150A-1-0720-200200	EVH	5/30/2017	5/30/2018
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	8/10/2016	8/10/2017

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions at the edges of the authorized band were measured with the EUT set to low and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet in a no hop mode. The channels closest to the band edges were selected.

The spectrum was scanned below the lower band edge and above the higher band edge.

# BAND EDGE COMPLIANCE



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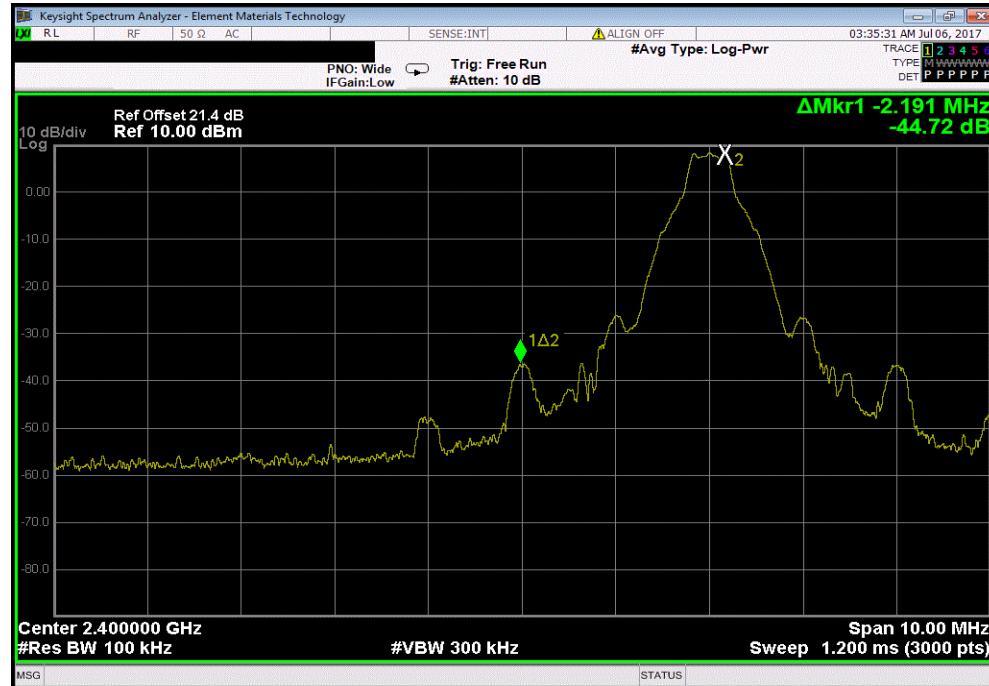
EUT:	APx 525D2	Work Order:	AUDI0246	
Serial Number:	APX2-28804	Date:	07/05/17	
Customer:	Audio Precision	Temperature:	23.3 °C	
Attendees:	None	Humidity:	44.9% RH	
Project:	None	Barometric Pres.:	1017 mbar	
Tested by:	Jeff Alcock and Rod Peloquin	Power:	110VAC/60Hz	
TEST SPECIFICATIONS		Test Method	ANSI C63.10:2013	
FCC 15.247:2017				
COMMENTS	BR and EDR Power settings [(Ext),(Int)]=[255,63]. Measurements were taken on the Source only. Source was shown to have highest output power.			
DEVIATIONS FROM TEST STANDARD				
None				
Configuration #	1	Signature		
Source		Value (dBc)	Limit ≤ (dBc)	Result
DH5, GFSK				
Low Channel, 2402 MHz		-44.72	-20	Pass
High Channel, 2480 MHz		-63.79	-20	Pass
2DH5, pi/4-DQPSK				
Low Channel, 2402 MHz		-41.05	-20	Pass
High Channel, 2480 MHz		-56.63	-20	Pass
3DH5, 8-DPSK				
Low Channel, 2402 MHz		-41.14	-20	Pass
High Channel, 2480 MHz		-56.13	-20	Pass

# BAND EDGE COMPLIANCE

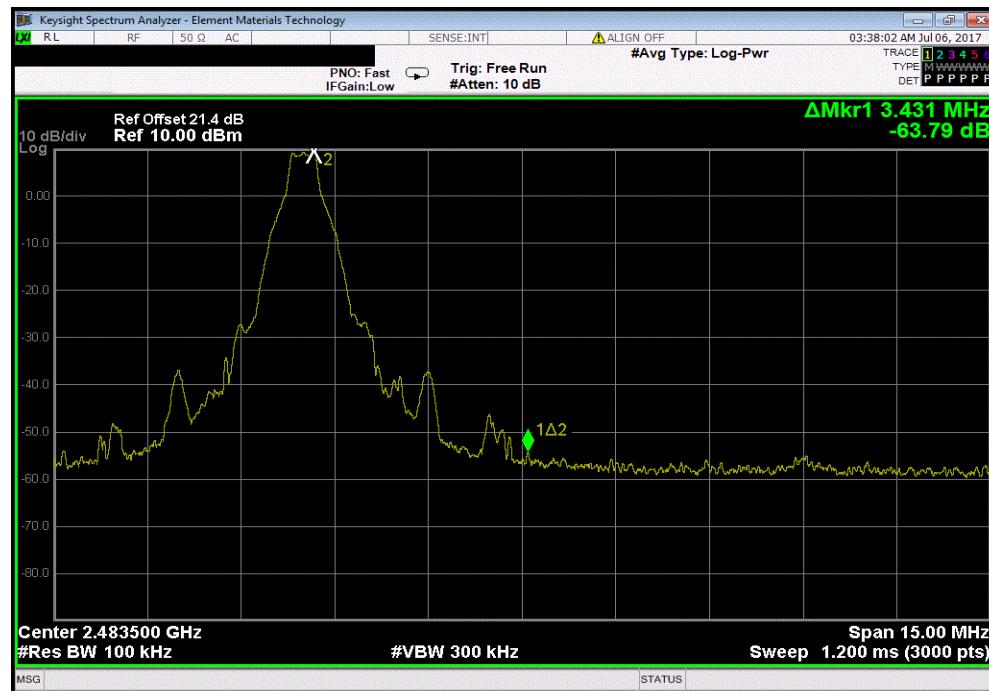


TbTx 2017.04.18 XMII 2017.02.08

Source, DH5, GFSK, Low Channel, 2402 MHz				Value (dBc)	Limit ≤ (dBc)	Result
				-44.72	-20	Pass



Source, DH5, GFSK, High Channel, 2480 MHz				Value (dBc)	Limit ≤ (dBc)	Result
				-63.79	-20	Pass



# BAND EDGE COMPLIANCE

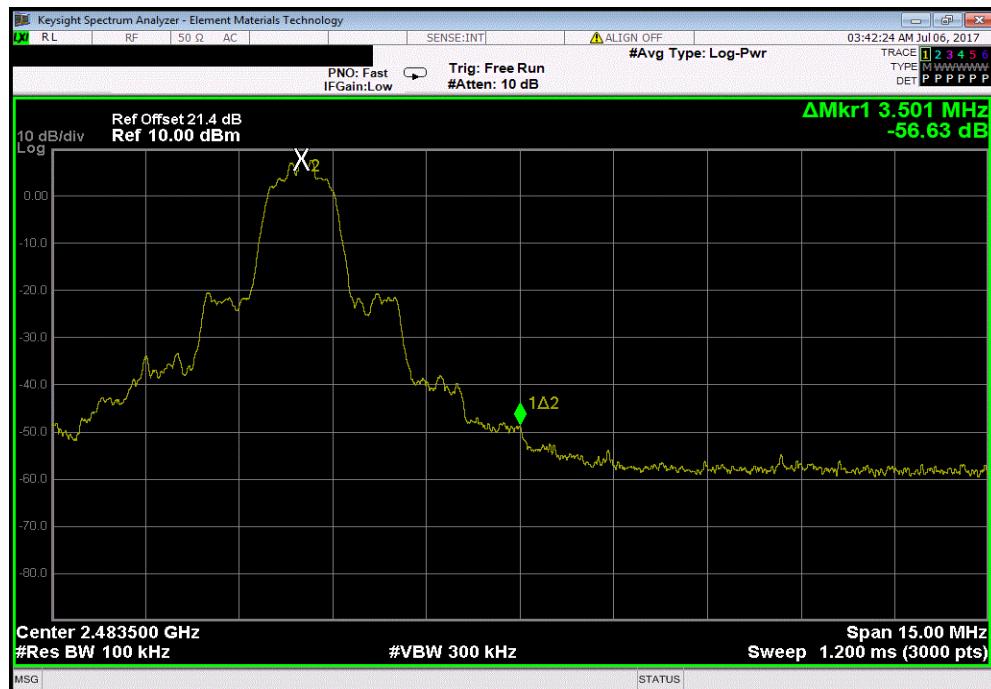


TbTx 2017.04.18 XMII 2017.02.08

Source, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
Value (dBc)	Limit ≤ (dBc)	Result	
-41.05	-20	Pass	



Source, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
Value (dBc)	Limit ≤ (dBc)	Result	
-56.63	-20	Pass	



# BAND EDGE COMPLIANCE

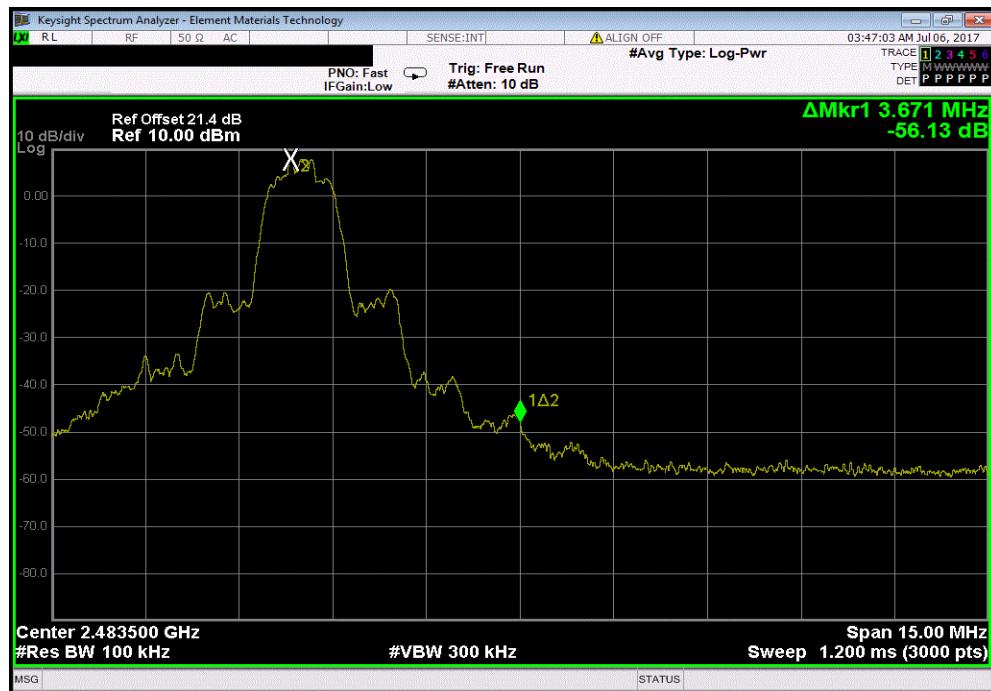


TbTx 2017.04.18 XM1 2017.02.08

Source, 3DH5, 8-DPSK, Low Channel, 2402 MHz				Value (dBc)	Limit ≤ (dBc)	Result
				-41.14	-20	Pass



Source, 3DH5, 8-DPSK, High Channel, 2480 MHz				Value (dBc)	Limit ≤ (dBc)	Result
				-56.13	-20	Pass



# BAND EDGE COMPLIANCE -HOPPING MODE



XMit 2017.02.08

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	Keysight	N5182B	TFU	10/27/2015	10/27/2018
Block - DC	Fairview Microwave	SD3379	AMW	6/5/2017	6/5/2018
Attenuator	S.M. Electronics	SA26B-20	AUY	5/30/2017	5/30/2018
Cable	Micro-Coax	UFD150A-1-0720-200200	EVH	5/30/2017	5/30/2018
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	8/10/2016	8/10/2017

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions at the edges of the authorized band were measured with the EUT set to its normal pseudo-random hopping sequence. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

# BAND EDGE COMPLIANCE -HOPPING MODE



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EUT:	APx 525D2	Work Order:	AUDI0246	
Serial Number:	APX2-28804	Date:	07/05/17	
Customer:	Audio Precision	Temperature:	23.3 °C	
Attendees:	None	Humidity:	45.2% RH	
Project:	None	Barometric Pres.:	1017 mbar	
Tested by:	Jeff Alcock and Rod Peloquin	Power:	110VAC/60Hz	
TEST SPECIFICATIONS		Test Method		
FCC 15.247:2017		ANSI C63.10:2013		
COMMENTS				
BR and EDR Power settings [(Ext),(Int)]=[255,63]. Measurements were taken on the Source only. Source was shown to have highest output power.				
DEVIATIONS FROM TEST STANDARD				
None				
Configuration #	1	Signature		
Source	Hopping	Value (dBc)	Limit ≤ (dBc)	Result
DH5, GFSK	Low Channel	-59.75	-20	Pass
	High Channel	-59.89	-20	Pass
2DH5, pi/4-DQPSK	Low Channel	-39.69	-20	Pass
	High Channel	-60.16	-20	Pass
3DH5, 8-DPSK	Low Channel	-43.38	-20	Pass
	High Channel	-59.88	-20	Pass

# BAND EDGE COMPLIANCE -HOPPING MODE

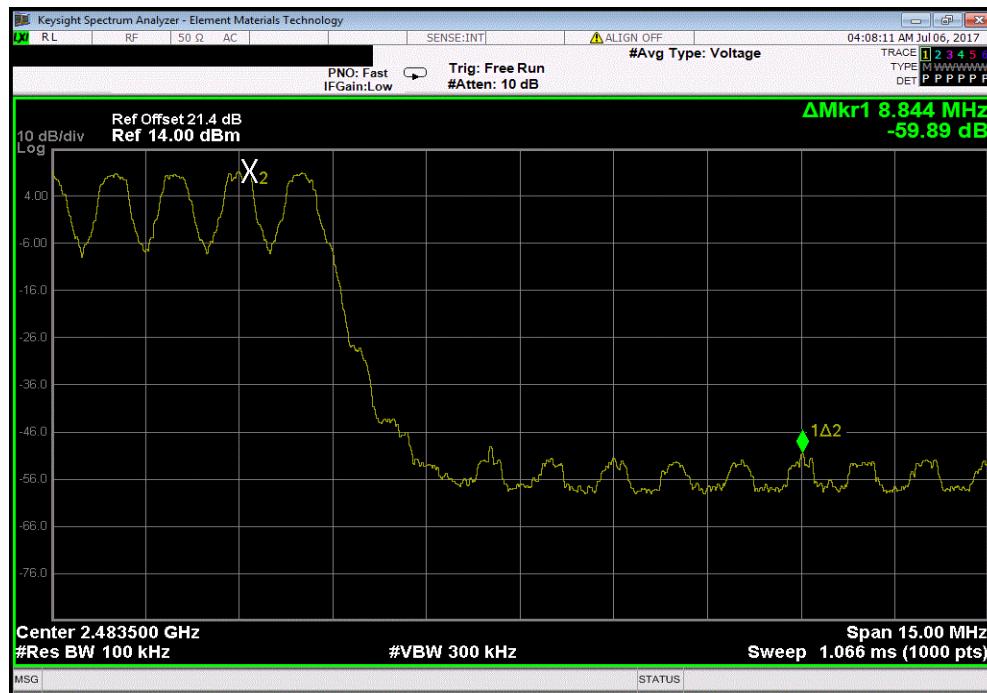


TbTx 2017.04.18 XM1 2017.02.08

Source, Hopping, DH5, GFSK, Low Channel				Value (dBc)	Limit ≤ (dBc)	Result
				-59.75	-20	Pass



Source, Hopping, DH5, GFSK, High Channel				Value (dBc)	Limit ≤ (dBc)	Result
				-59.89	-20	Pass

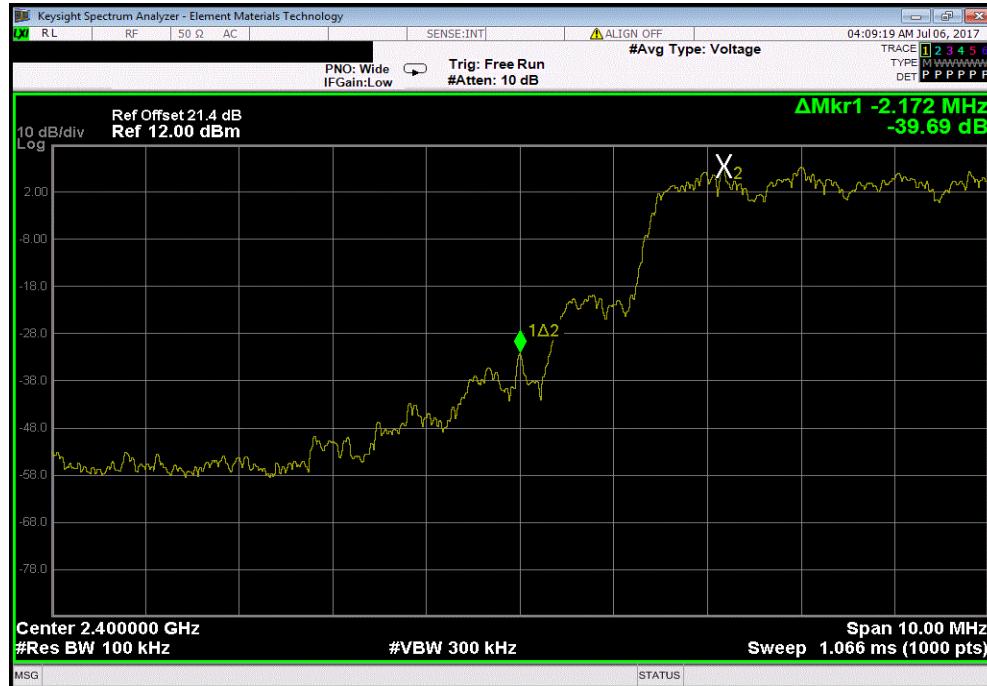


# BAND EDGE COMPLIANCE -HOPPING MODE



TbTx 2017.04.18 XMII 2017.02.08

Source, Hopping, 2DH5, pi/4-DQPSK, Low Channel				Value (dBc)	Limit ≤ (dBc)	Result
				-39.69	-20	Pass



Source, Hopping, 2DH5, pi/4-DQPSK, High Channel				Value (dBc)	Limit ≤ (dBc)	Result
				-60.16	-20	Pass

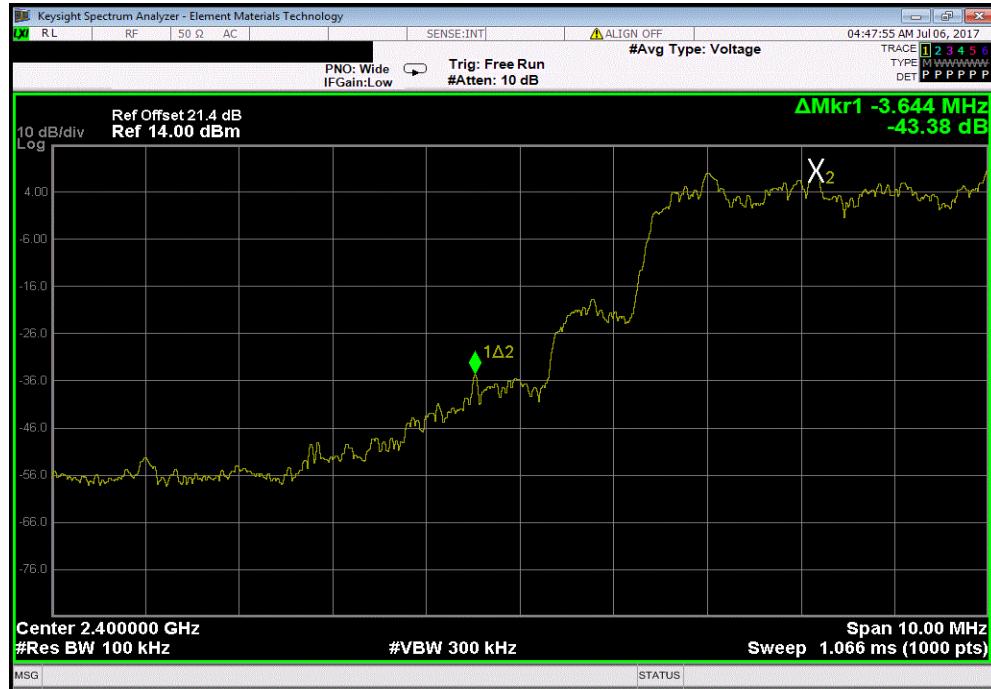


# BAND EDGE COMPLIANCE -HOPPING MODE



TbTx 2017.04.18 XMII 2017.02.08

Source, Hopping, 3DH5, 8-DPSK, Low Channel				Value (dBc)	Limit ≤ (dBc)	Result
				-43.38	-20	Pass



Source, Hopping, 3DH5, 8-DPSK, High Channel				Value (dBc)	Limit ≤ (dBc)	Result
				-59.88	-20	Pass



# OCCUPIED BANDWIDTH



XMIT 2017.02.08

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## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
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Block - DC	Fairview Microwave	SD3379	AMW	6/5/2017	6/5/2018
Attenuator	S.M. Electronics	SA26B-20	AUY	5/30/2017	5/30/2018
Cable	Micro-Coax	UFD150A-1-0720-200200	EVH	5/30/2017	5/30/2018
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	8/10/2016	8/10/2017

## TEST DESCRIPTION

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The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The 20 dB occupied bandwidth was measured with the EUT set to low, medium and high transmit frequencies in the band. The EUT was transmitting at the data rate(s) listed in the datasheet in a no-hop mode.

# OCCUPIED BANDWIDTH



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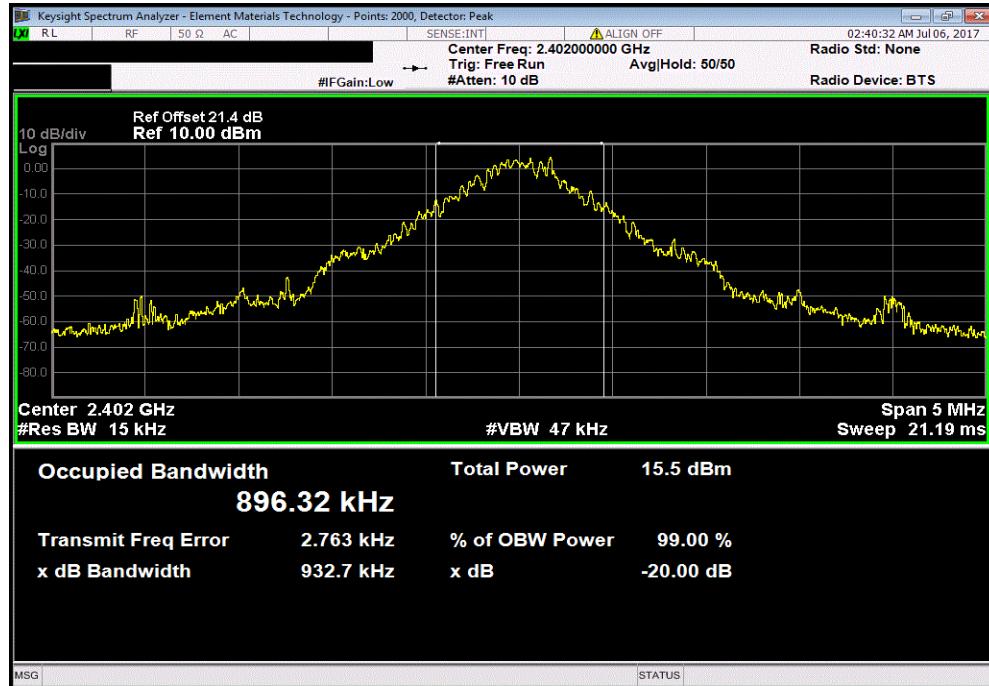
EUT:	APx 525D2	Work Order:	AUDI0246	
Serial Number:	APX2-28804	Date:	07/05/17	
Customer:	Audio Precision	Temperature:	23.1 °C	
Attendees:	None	Humidity:	45.1% RH	
Project:	None	Barometric Pres.:	1017 mbar	
Tested by:	Jeff Alcock and Rod Peloquin	Power:	110VAC/60Hz	
TEST SPECIFICATIONS		Test Method	ANSI C63.10:2013	
FCC 15.247:2017				
COMMENTS	BR and EDR Power settings [(Ext),(Int)]=[255,63]. Measurements were taken on the Source only. Source was shown to have highest output power.			
DEVIATIONS FROM TEST STANDARD				
None				
Configuration #	1	Signature		
Source		Value	Limit (<)	Result
DH5, GFSK				
Low Channel, 2402 MHz		932.7 kHz	1.5 MHz	Pass
Mid Channel, 2440 MHz		927.244 kHz	1.5 MHz	Pass
High Channel, 2480 MHz		927.905 kHz	1.5 MHz	Pass
2DH5, pi/4-DQPSK				
Low Channel, 2402 MHz		1.273 MHz	1.5 MHz	Pass
Mid Channel, 2440 MHz		1.352 MHz	1.5 MHz	Pass
High Channel, 2480 MHz		1.279 MHz	1.5 MHz	Pass
3DH5, 8-DPSK				
Low Channel, 2402 MHz		1.325 MHz	1.5 MHz	Pass
Mid Channel, 2440 MHz		1.284 MHz	1.5 MHz	Pass
High Channel, 2480 MHz		1.267 MHz	1.5 MHz	Pass

# OCCUPIED BANDWIDTH

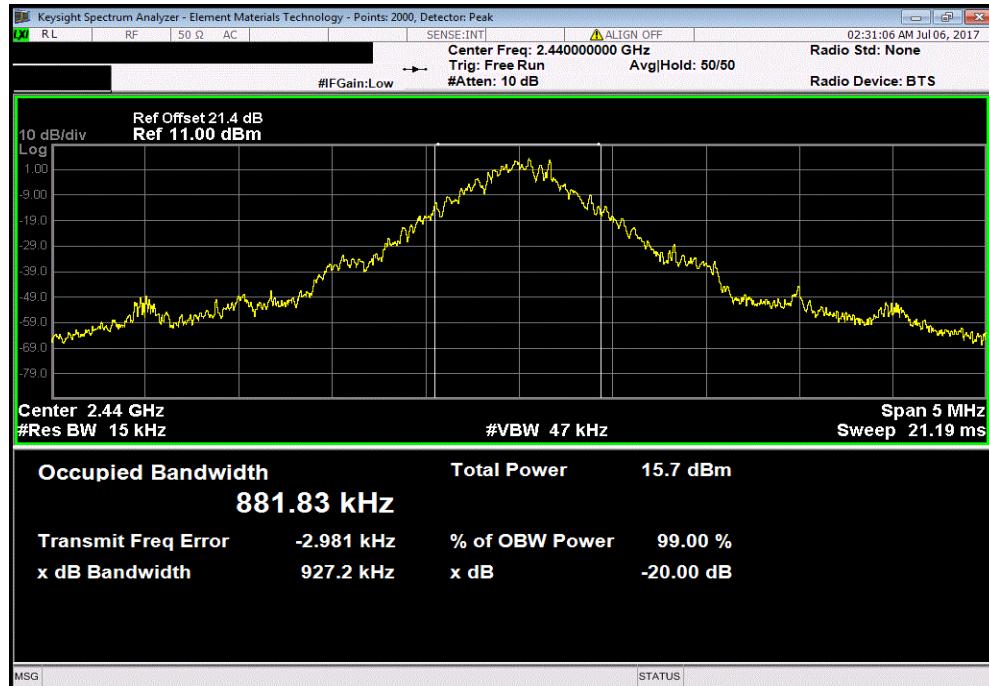


TbTx 2017.04.18 XM1 2017.02.08

Source, DH5, GFSK, Low Channel, 2402 MHz			Value	Limit	Result
			(<)		
	932.7 kHz	1.5 MHz		Pass	



Source, DH5, GFSK, Mid Channel, 2440 MHz			Value	Limit	Result
			(<)		
	927.244 kHz	1.5 MHz		Pass	

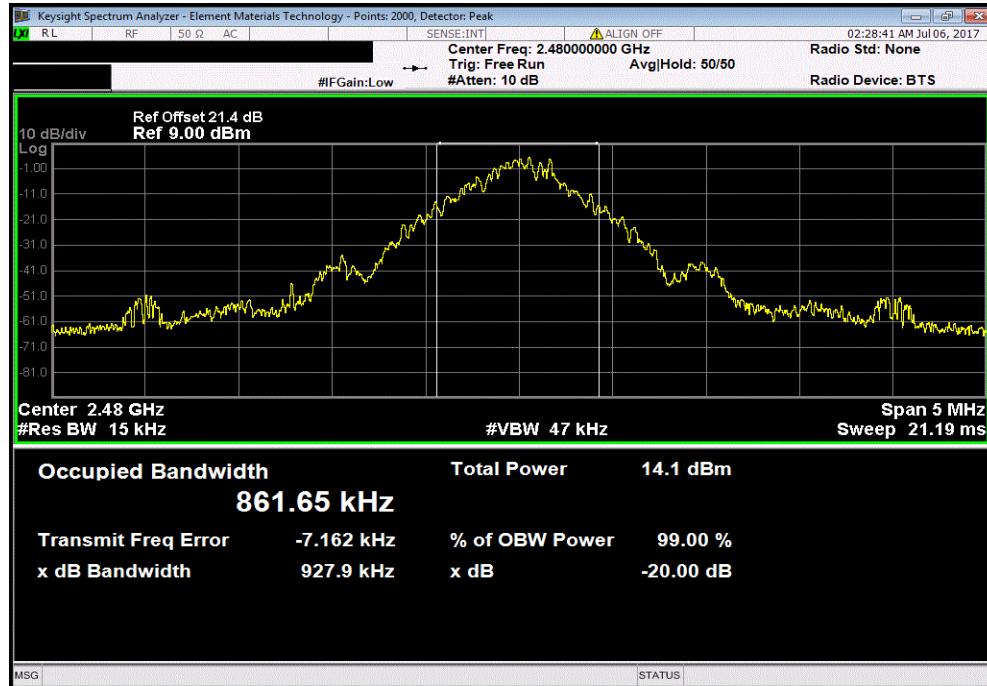


# OCCUPIED BANDWIDTH

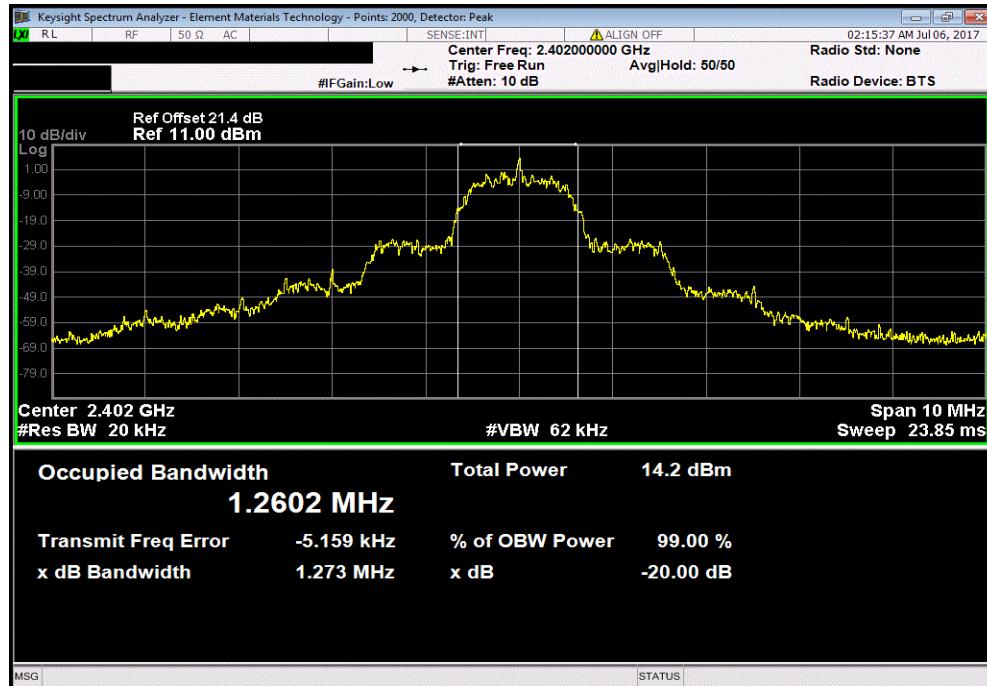


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Source, DH5, GFSK, High Channel, 2480 MHz			Value	Limit	Result
			(<)		
	927.905 kHz	1.5 MHz		Pass	



Source, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			Value	Limit	Result
			(<)		
	1.273 MHz	1.5 MHz		Pass	

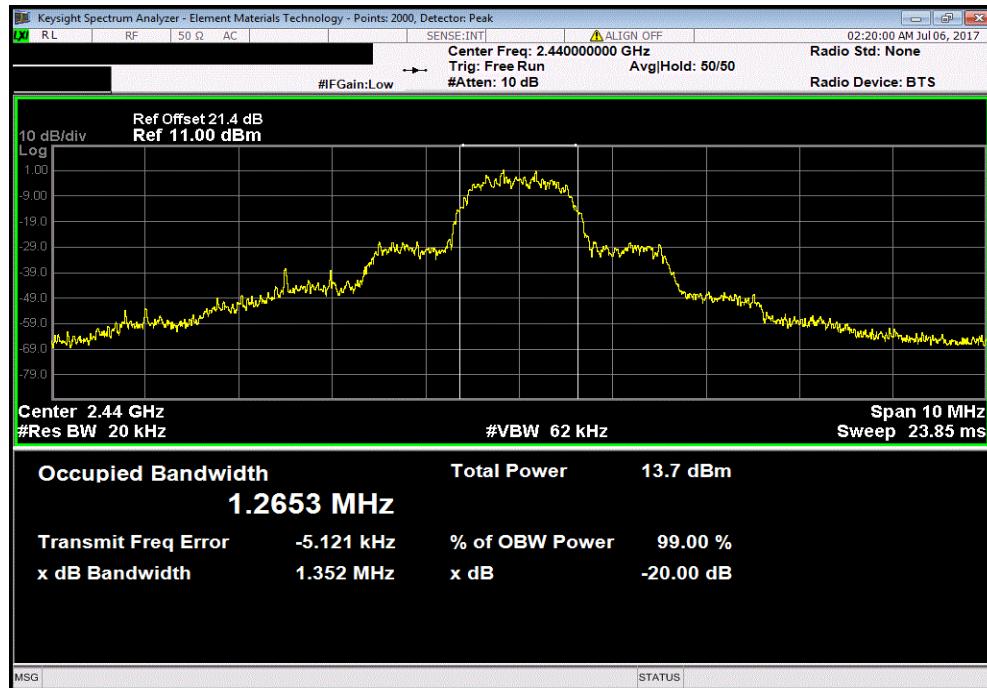


# OCCUPIED BANDWIDTH

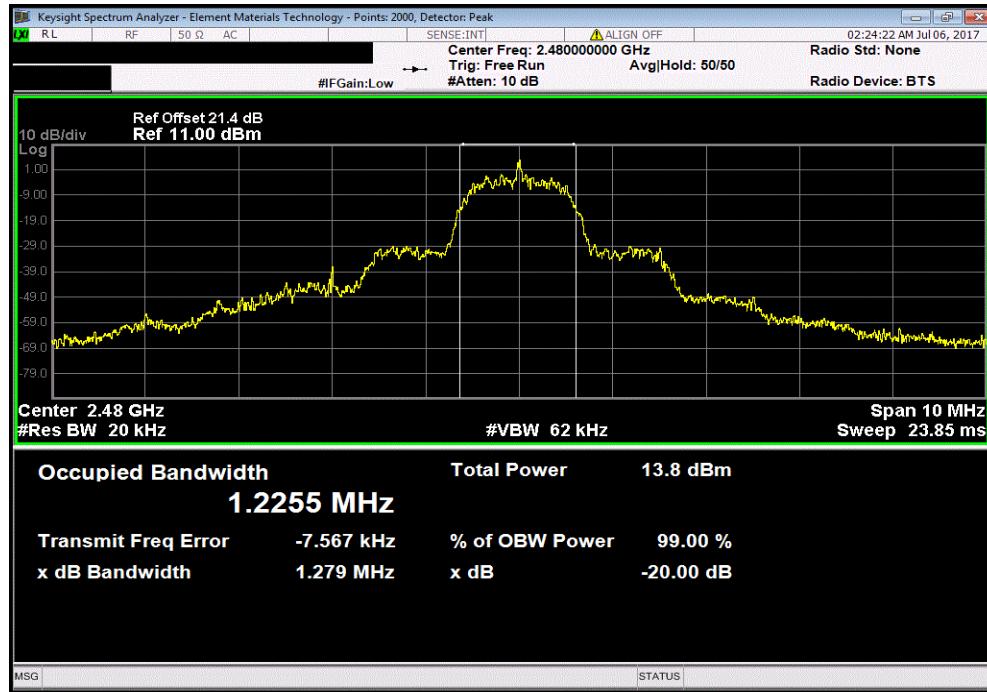


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Source, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			Value	Limit (≤)	Result
	1.352 MHz	1.5 MHz		Pass	



Source, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			Value	Limit (≤)	Result
	1.279 MHz	1.5 MHz		Pass	

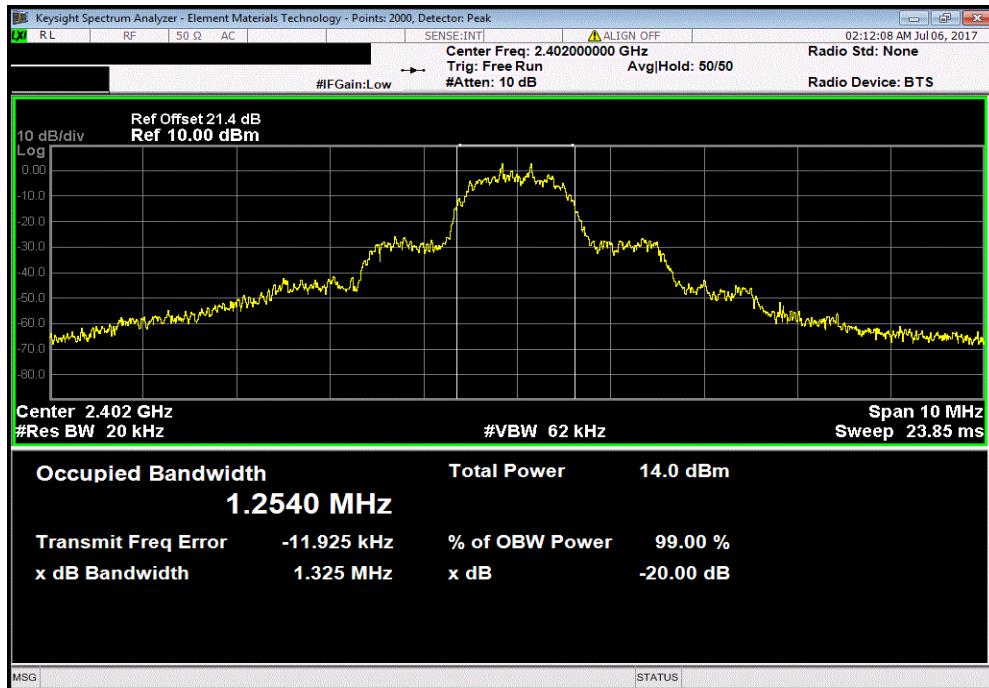


# OCCUPIED BANDWIDTH

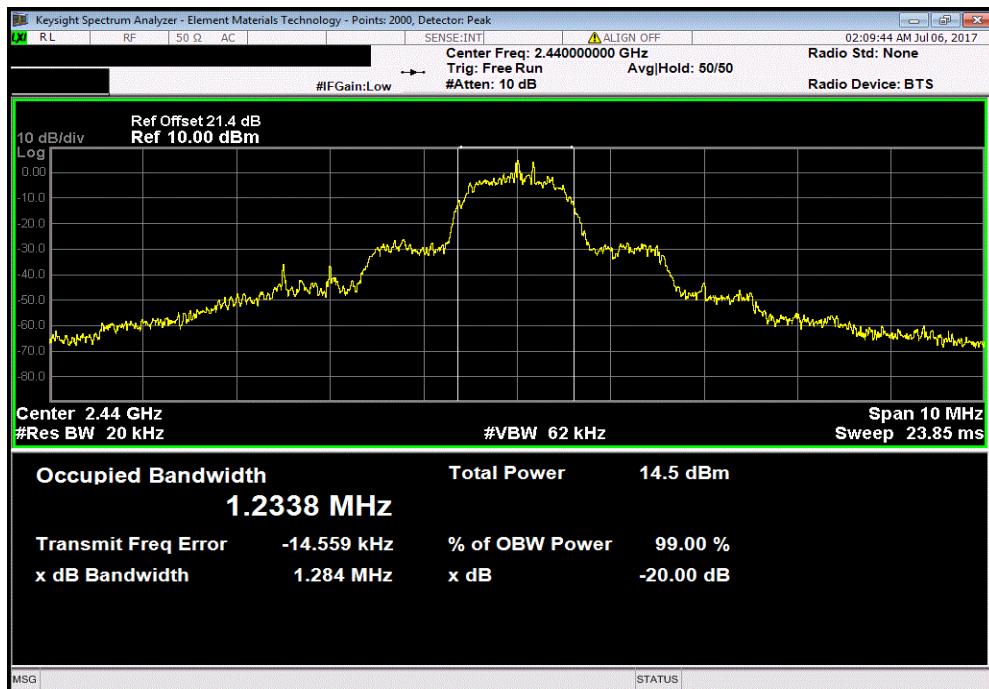


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Source, 3DH5, 8-DPSK, Low Channel, 2402 MHz			Value	Limit (≤)	Result
	1.325 MHz	1.5 MHz		Pass	



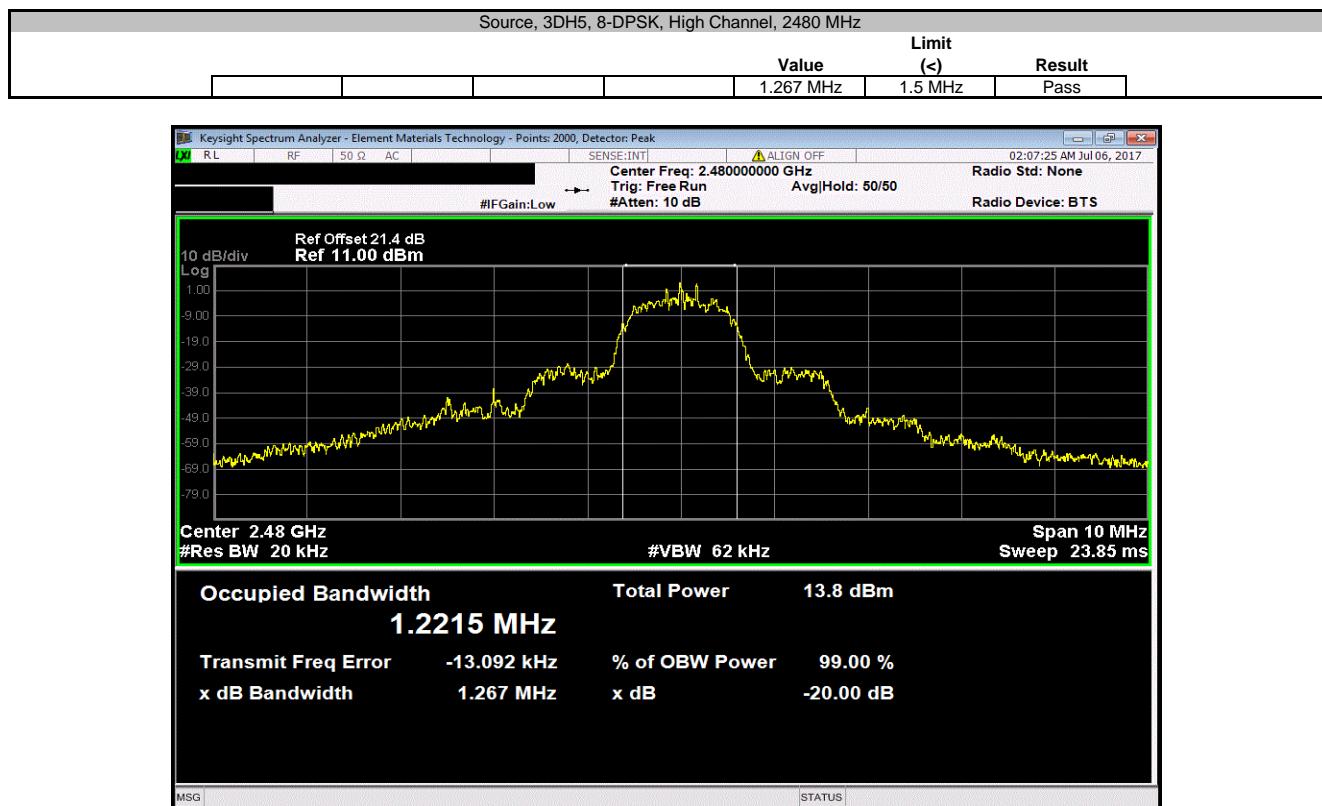
Source, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			Value	Limit (≤)	Result
	1.284 MHz	1.5 MHz		Pass	



# OCCUPIED BANDWIDTH



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# SPURIOUS CONDUCTED EMISSIONS



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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	Keysight	N5182B	TFU	10/27/2015	10/27/2018
Block - DC	Fairview Microwave	SD3379	AMW	6/5/2017	6/5/2018
Attenuator	S.M. Electronics	SA26B-20	AUY	5/30/2017	5/30/2018
Cable	Micro-Coax	UFD150A-1-0720-200200	EVH	5/30/2017	5/30/2018
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	8/10/2016	8/10/2017

## TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions were measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet in a no-hop mode. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

# SPURIOUS CONDUCTED EMISSIONS



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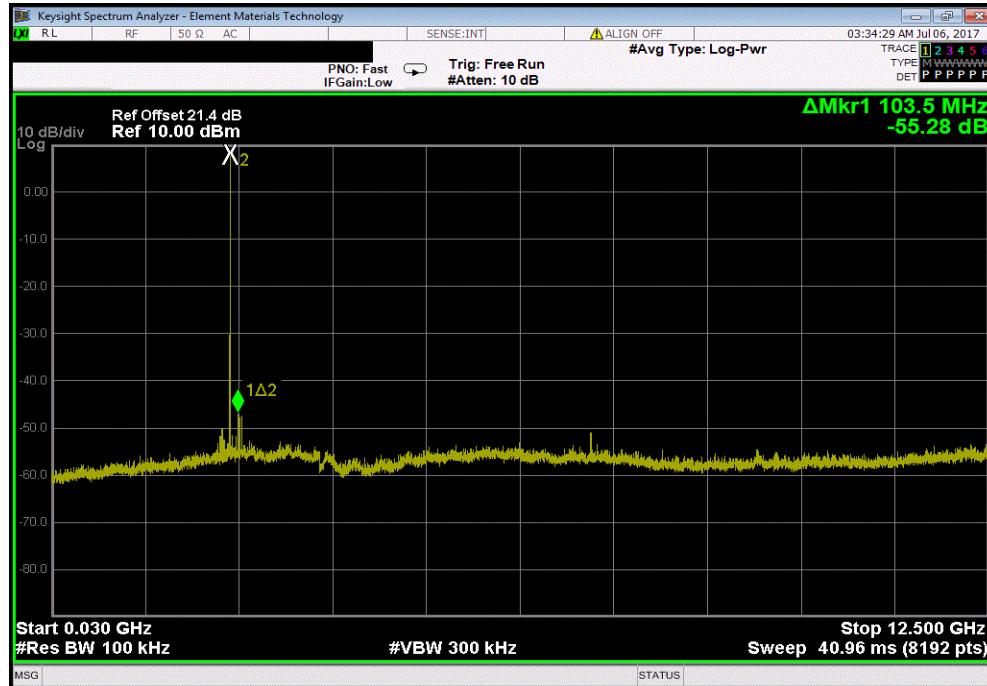
EUT:	APx 525D2	Work Order:	AUDI0246
Serial Number:	APX2-28804	Date:	07/05/17
Customer:	Audio Precision	Temperature:	23.3 °C
Attendees:	None	Humidity:	44.8% RH
Project:	None	Barometric Pres.:	1017 mbar
Tested by:	Jeff Alcock and Rod Peloquin	Power:	110VAC/60Hz
TEST SPECIFICATIONS		Test Method	ANSI C63.10:2013
FCC 15.247:2017			
COMMENTS			
BR and EDR Power settings [(Ext),(Int)]=[255,63]. Measurements were taken on the Source only. Source was shown to have highest output power.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	1	Signature	
Source	DH5, GFSK	Frequency Range	Max Value (dBc) Limit ≤ (dBc) Result
	Low Channel, 2402 MHz	30 MHz - 12.5 GHz	-55.28 -20 Pass
	Low Channel, 2402 MHz	12.5 GHz - 25 GHz	-46.32 -20 Pass
	Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	-55.38 -20 Pass
	Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	-47.27 -20 Pass
	High Channel, 2480 MHz	30 MHz - 12.5 GHz	-53.48 -20 Pass
	High Channel, 2480 MHz	12.5 GHz - 25 GHz	-48.2 -20 Pass
	2DH5, pi/4-DQPSK		
	Low Channel, 2402 MHz	30 MHz - 12.5 GHz	-54.72 -20 Pass
	Low Channel, 2402 MHz	12.5 GHz - 25 GHz	-44.91 -20 Pass
	Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	-54.84 -20 Pass
	Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	-45.73 -20 Pass
	High Channel, 2480 MHz	30 MHz - 12.5 GHz	-50.96 -20 Pass
	High Channel, 2480 MHz	12.5 GHz - 25 GHz	-43.67 -20 Pass
	3DH5, 8-DPSK		
	Low Channel, 2402 MHz	30 MHz - 12.5 GHz	-56.16 -20 Pass
	Low Channel, 2402 MHz	12.5 GHz - 25 GHz	-46.53 -20 Pass
	Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	-56.68 -20 Pass
	Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	-46.77 -20 Pass
	High Channel, 2480 MHz	30 MHz - 12.5 GHz	-54.86 -20 Pass
	High Channel, 2480 MHz	12.5 GHz - 25 GHz	-45.41 -20 Pass

# SPURIOUS CONDUCTED EMISSIONS

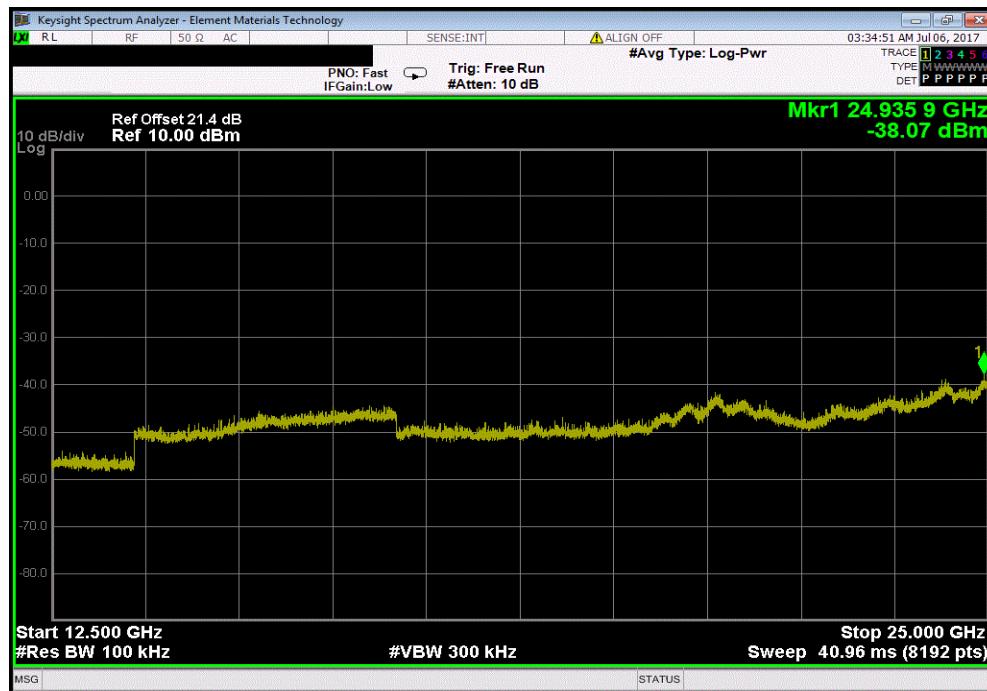


TbTx 2017.04.18 XM1 2017.02.08

Source, DH5, GFSK, Low Channel, 2402 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
30 MHz - 12.5 GHz	-55.28	-20	Pass



Source, DH5, GFSK, Low Channel, 2402 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
12.5 GHz - 25 GHz	-46.32	-20	Pass

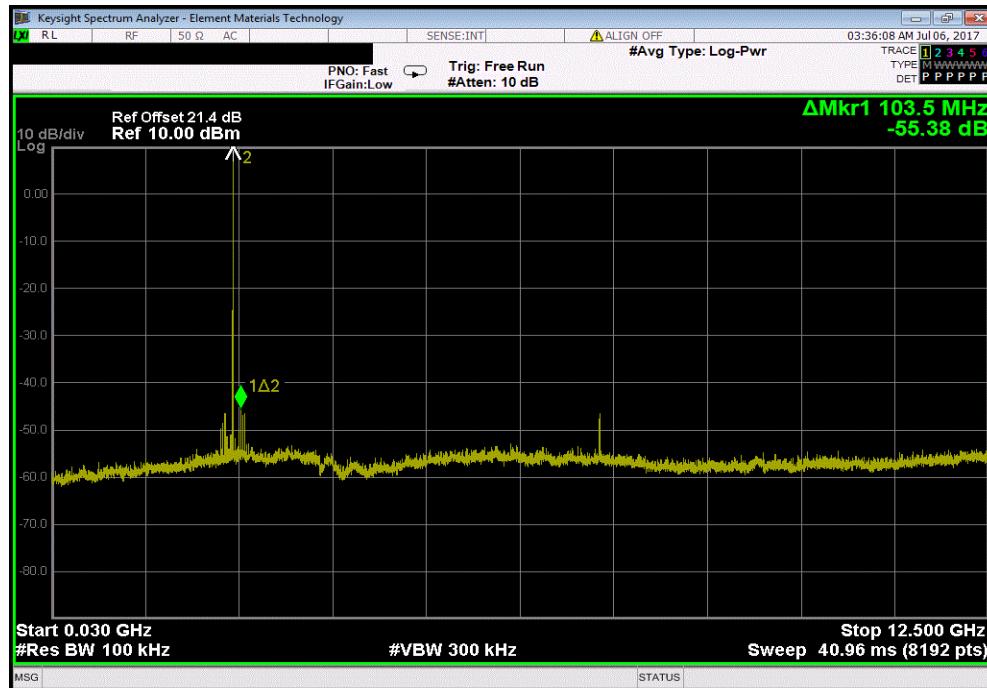


# SPURIOUS CONDUCTED EMISSIONS

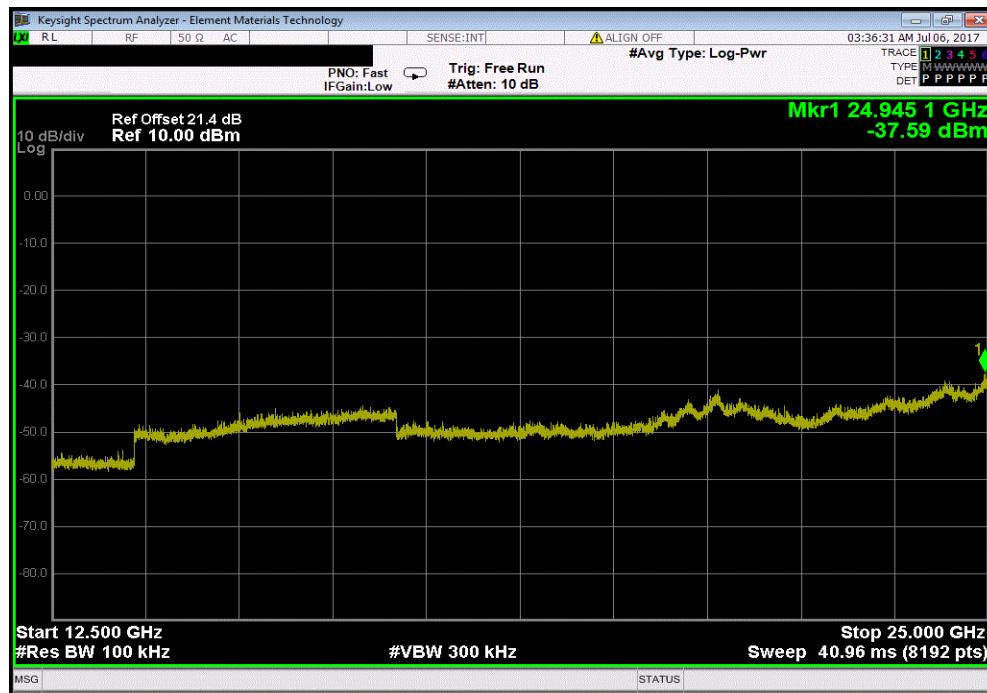


TbTx 2017.04.18 XM1 2017.02.08

Source, DH5, GFSK, Mid Channel, 2440 MHz			
Frequency Range	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 12.5 GHz	-55.38	-20	Pass



Source, DH5, GFSK, Mid Channel, 2440 MHz			
Frequency Range	Max Value (dBc)	Limit ≤ (dBc)	Result
12.5 GHz - 25 GHz	-47.27	-20	Pass

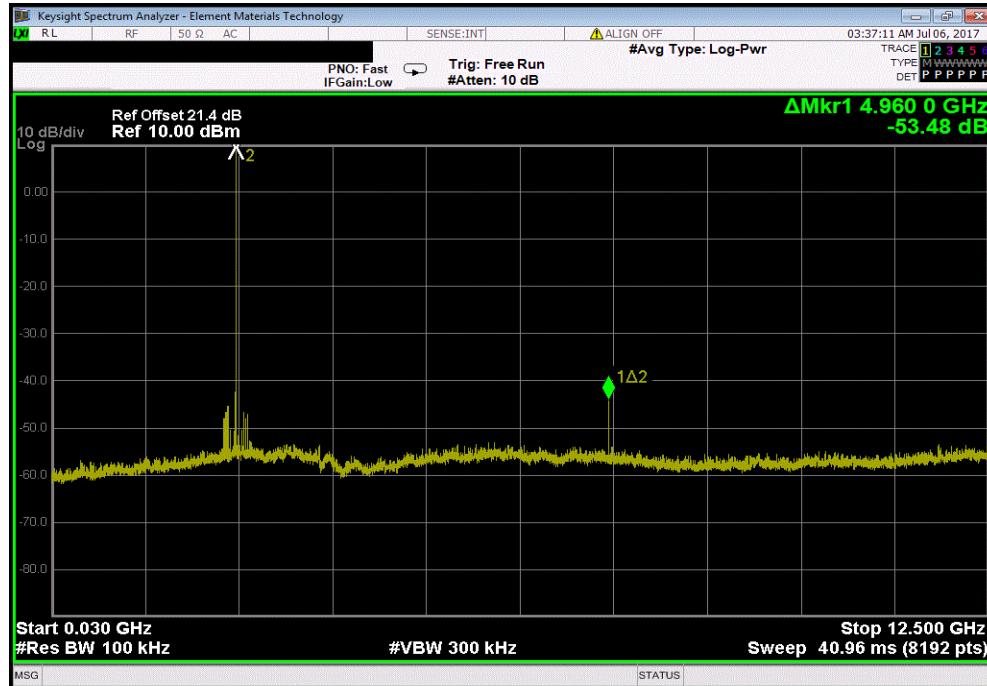


# SPURIOUS CONDUCTED EMISSIONS

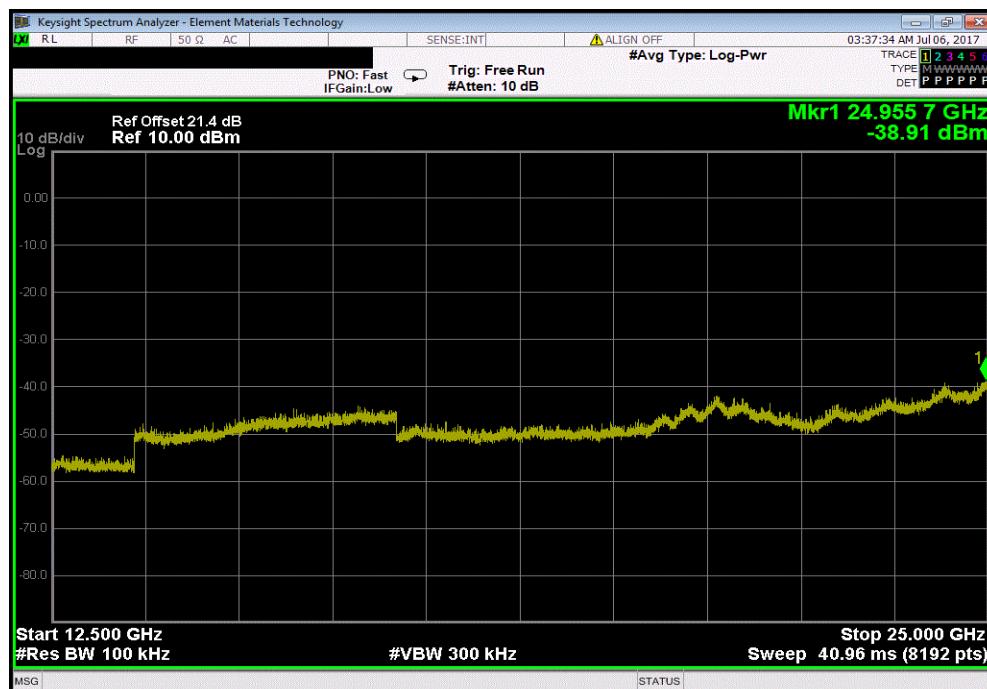


TbTx 2017.04.18 XM1 2017.02.08

Source, DH5, GFSK, High Channel, 2480 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
30 MHz - 12.5 GHz	-53.48	-20	Pass



Source, DH5, GFSK, High Channel, 2480 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
12.5 GHz - 25 GHz	-48.2	-20	Pass

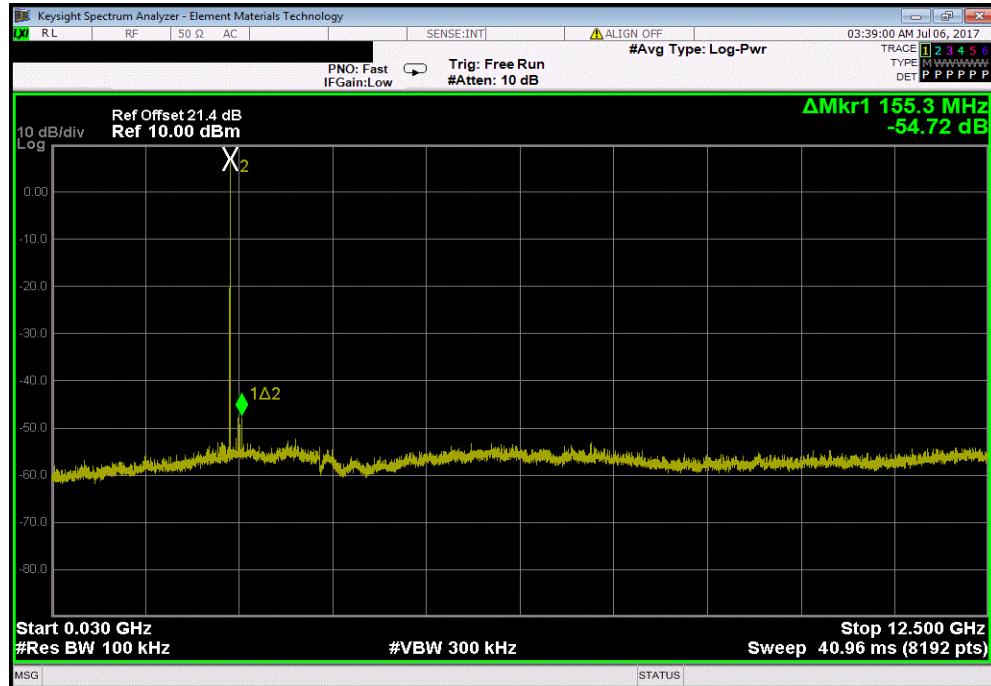


# SPURIOUS CONDUCTED EMISSIONS

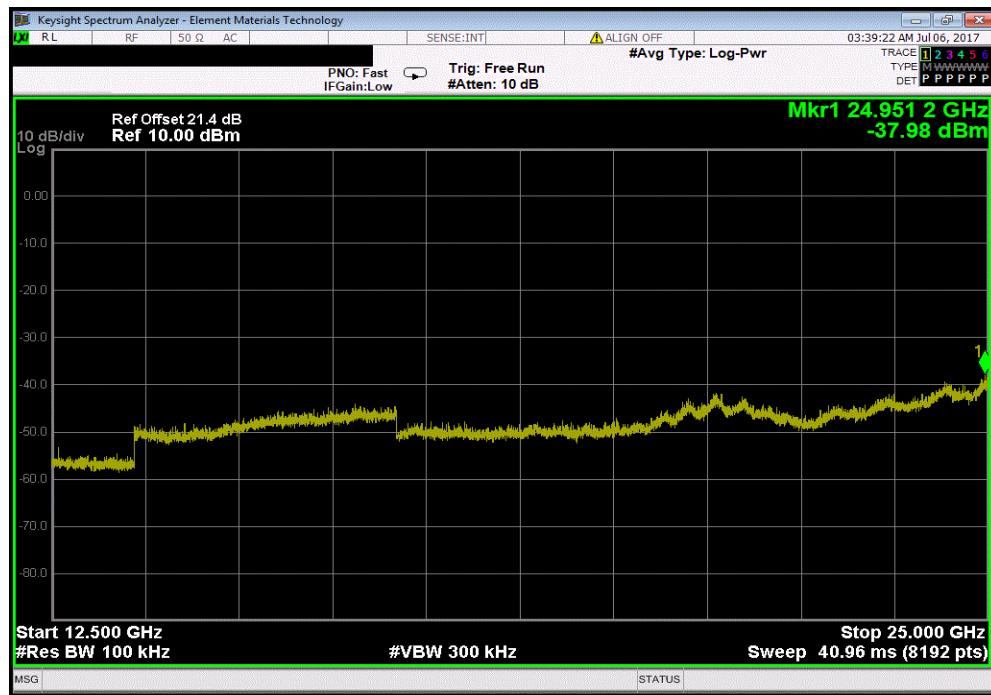


TbTx 2017.04.18 XM1 2017.02.08

Source, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
30 MHz - 12.5 GHz	-54.72	-20	Pass



Source, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
12.5 GHz - 25 GHz	-44.91	-20	Pass

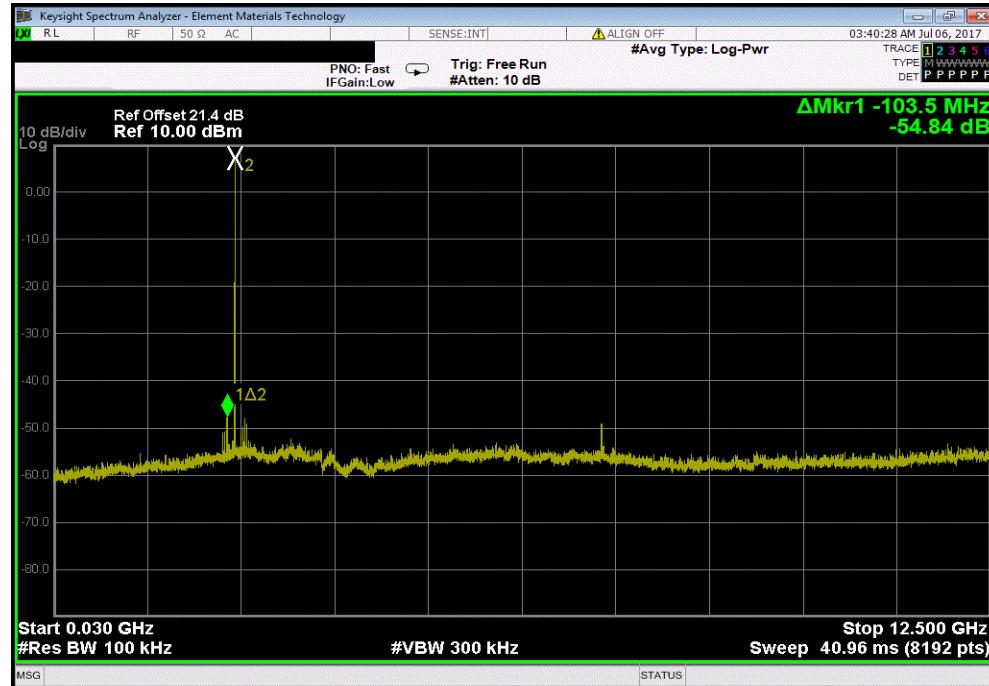


# SPURIOUS CONDUCTED EMISSIONS

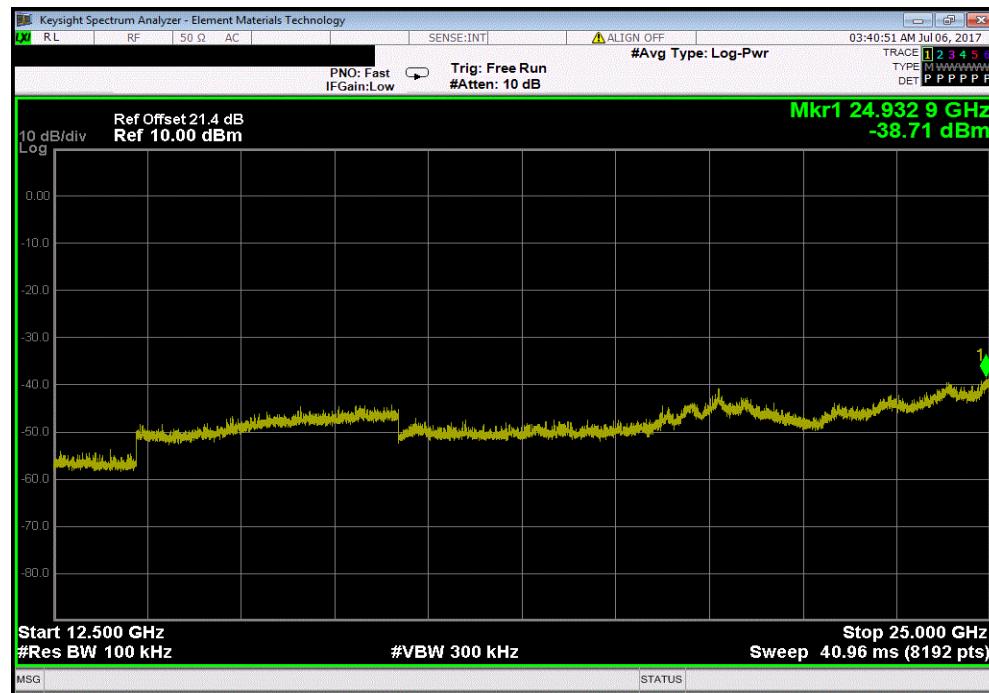


TbTx 2017.04.18 XM1 2017.02.08

Source, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
Frequency Range	Max Value (dBc)	Limit ≤ (dBc)	Result
30 MHz - 12.5 GHz	-54.84	-20	Pass



Source, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
Frequency Range	Max Value (dBc)	Limit ≤ (dBc)	Result
12.5 GHz - 25 GHz	-45.73	-20	Pass

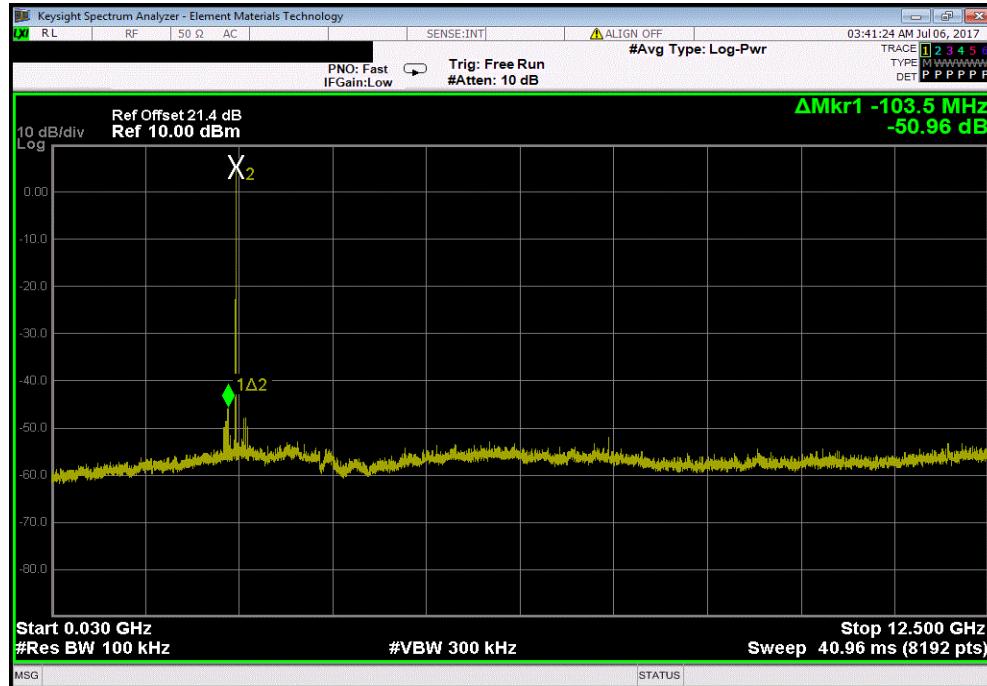


# SPURIOUS CONDUCTED EMISSIONS

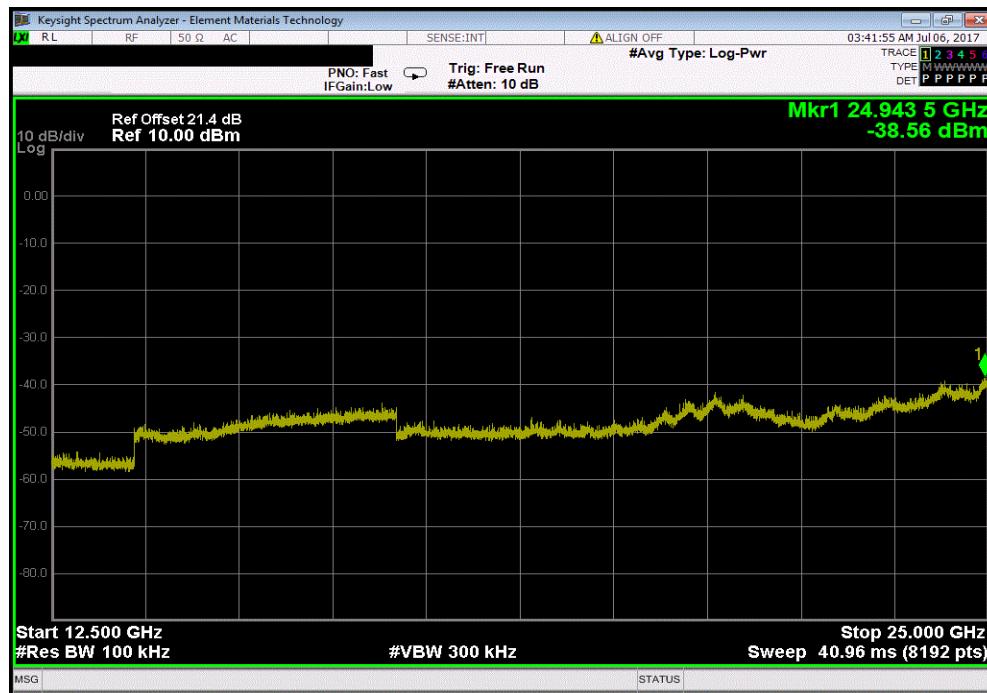


TbTx 2017.04.18 XM1 2017.02.08

Source, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
30 MHz - 12.5 GHz	-50.96	-20	Pass



Source, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
12.5 GHz - 25 GHz	-43.67	-20	Pass

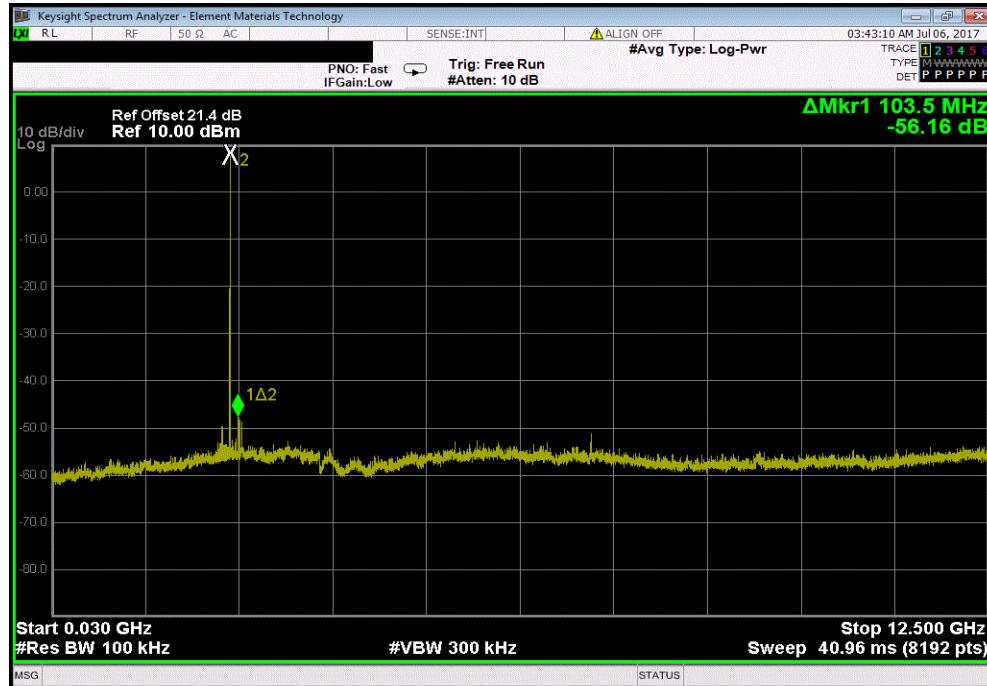


# SPURIOUS CONDUCTED EMISSIONS

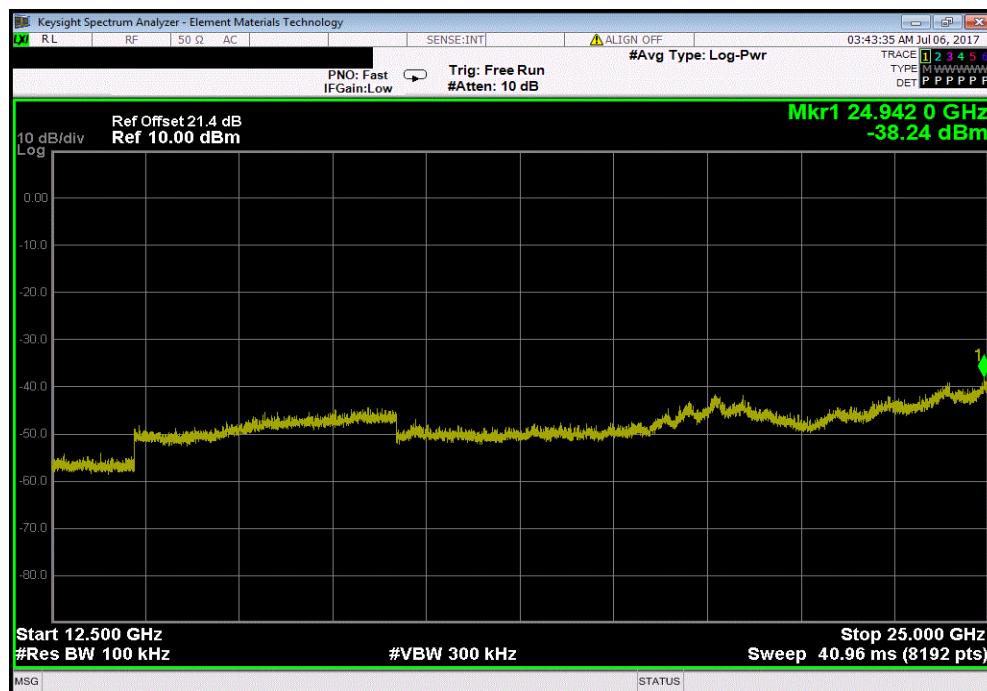


TbTx 2017.04.18 XM1 2017.02.08

Source, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
30 MHz - 12.5 GHz	-56.16	-20	Pass



Source, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
12.5 GHz - 25 GHz	-46.53	-20	Pass

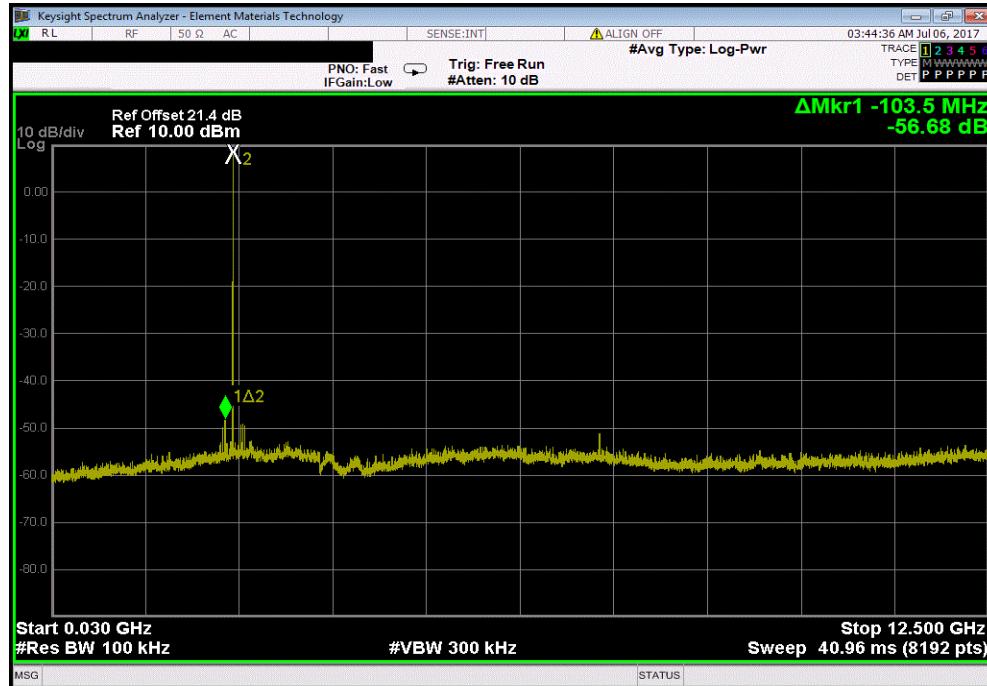


# SPURIOUS CONDUCTED EMISSIONS

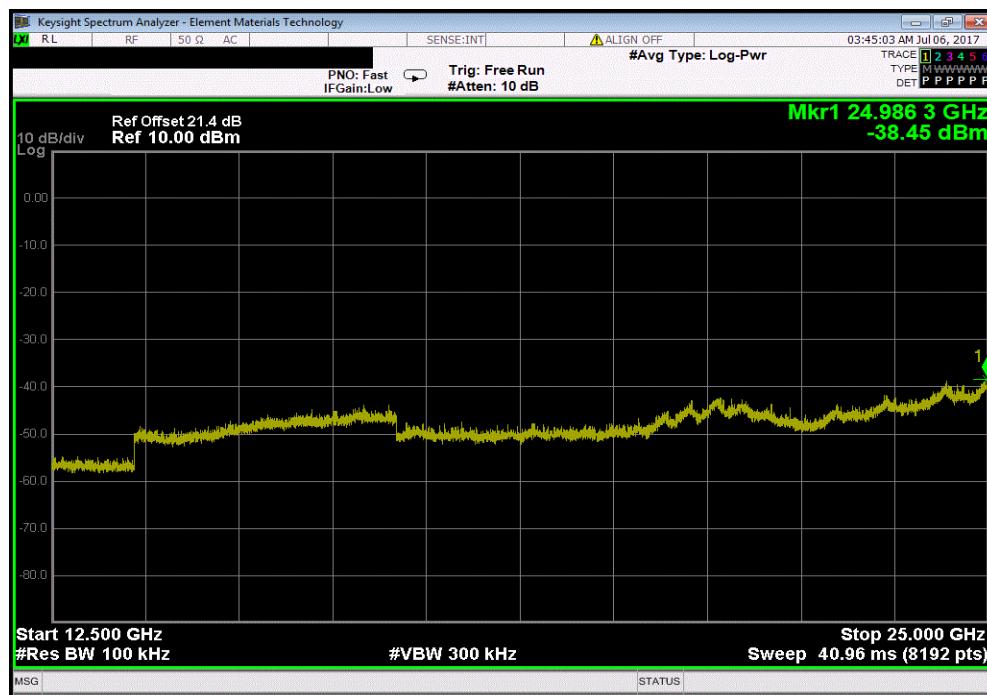


TbTx 2017.04.18 XM1 2017.02.08

Source, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
30 MHz - 12.5 GHz	-56.68	-20	Pass



Source, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
12.5 GHz - 25 GHz	-46.77	-20	Pass

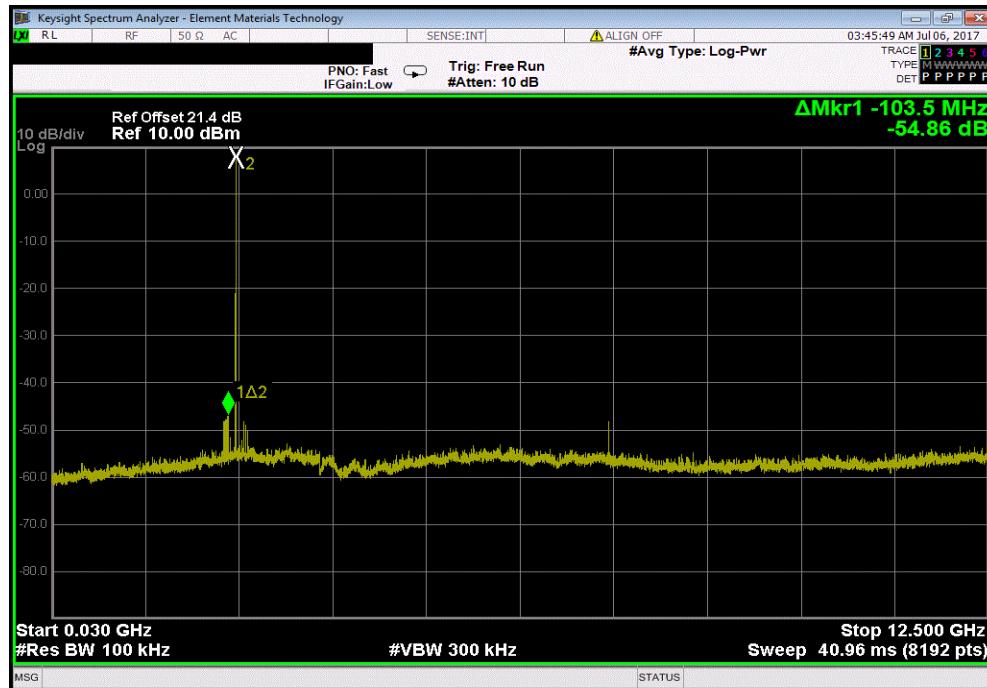


# SPURIOUS CONDUCTED EMISSIONS



TbTx 2017.04.18 XM1 2017.02.08

Source, 3DH5, 8-DPSK, High Channel, 2480 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
30 MHz - 12.5 GHz	-54.86	-20	Pass



Source, 3DH5, 8-DPSK, High Channel, 2480 MHz			
Frequency Range	Max Value (dBc)	Limit $\leq$ (dBc)	Result
12.5 GHz - 25 GHz	-45.41	-20	Pass

