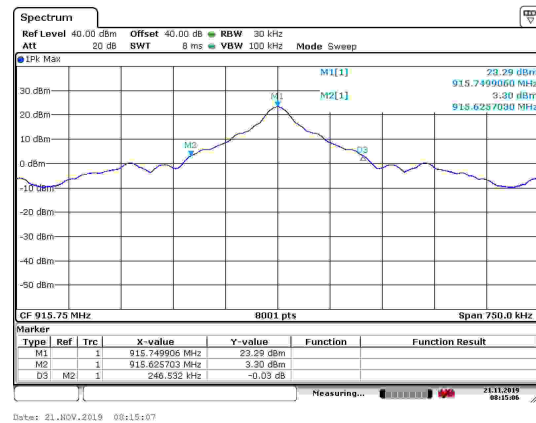
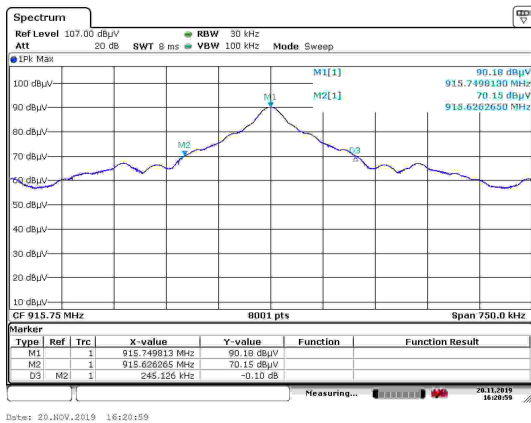
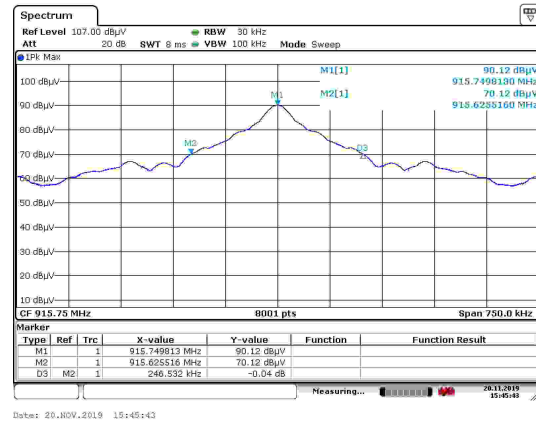
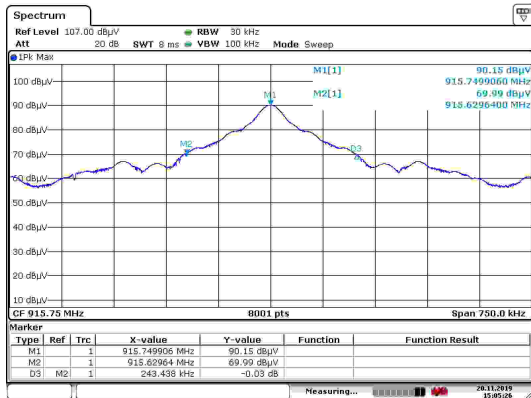
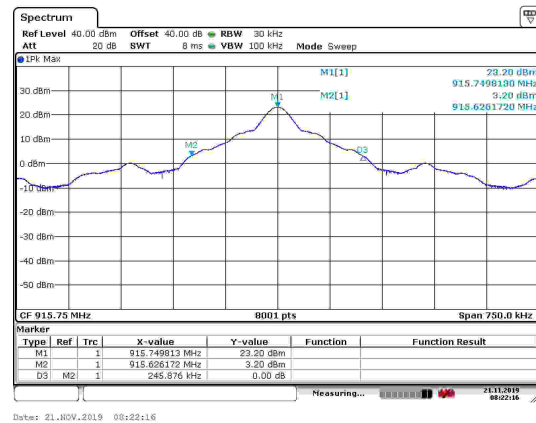
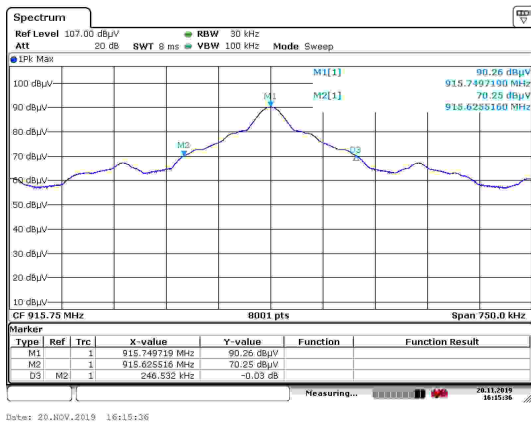
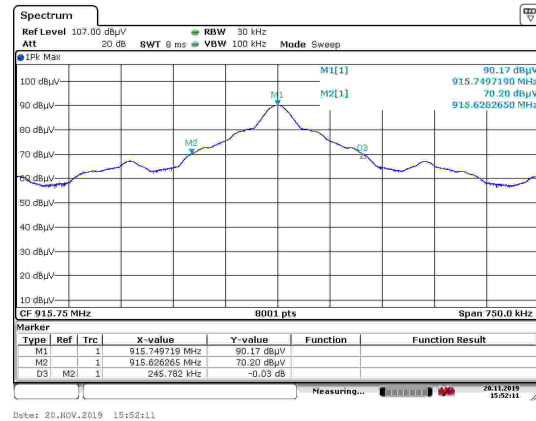
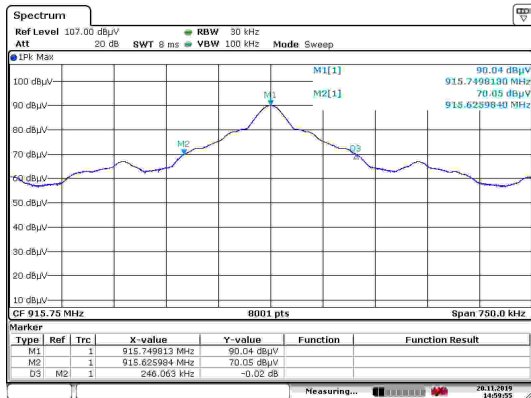


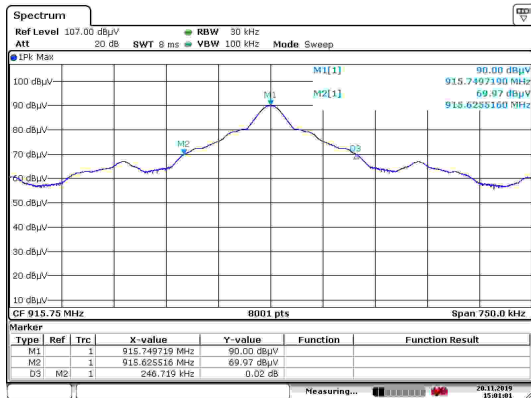
		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		20 dB Single Channel Bandwidth		
DNB Job Number:	06022	Date:	18 Nov 2019	Conformance Standard FCC Part 15 Clause 15.247(a,1,i)		
Customer:	Transcore					
Model Number:	MPRXFH					
Description:	Multiprotocol Reader Extreme- Frequency Hopper					
Environmental Conditions						
Ambient Temperature		Relative Humidity		Barometric Pressure		
20 °C		24 %		101.1 kPa		
EUT performed within the requirements of the applicable standard [X] Yes [] No J Payne						
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail	
0	Mid	ego	915.750	243.438	Pass	
1	Mid	ego	915.750	246.532	Pass	
2	Mid	ego	915.750	245.126	Pass	
3	Mid	ego	915.750	246.532	Pass	



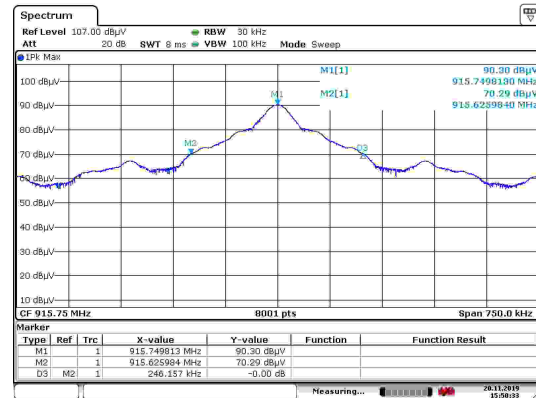
	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	20 dB Single Channel Bandwidth			
DNB Job Number:	06022	Date:	18 Nov 2019	Conformance Standard FCC Part 15	
Customer:	Transcore				
Model Number:	MPRXFH			Clause 15.247(a,1,i)	
Description:	Multiprotocol Reader Extreme- Frequency Hopper				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
20 °C		24 %		101.1 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No J Payne					
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail
0	Mid	epc	915.750	246.063	Pass
1	Mid	epc	915.750	245.782	Pass
2	Mid	epc	915.750	246.532	Pass
3	Mid	epc	915.750	245.876	Pass



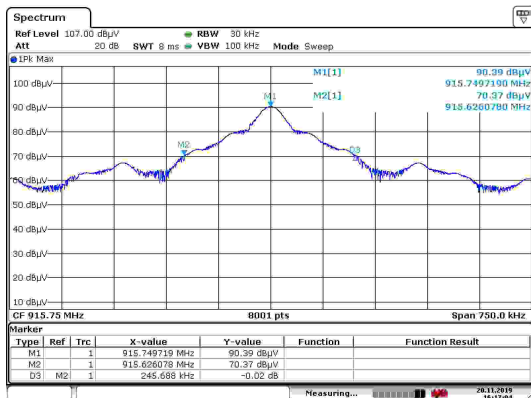
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DNB Job Number:	06022	Date:	18 Nov 2019	Conformance Standard FCC Part 15 Clause 15.247(a,1,i)		
Customer:	Transcore					
Model Number:	MPRXFH					
Description:	Multiprotocol Reader Extreme- Frequency Hopper					
Environmental Conditions						
Ambient Temperature		Relative Humidity		Barometric Pressure		
20 °C		24 %		101.1 kPa		
EUT performed within the requirements of the applicable standard [X] Yes [] No J Payne						
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail	
0	Mid	iag	915.750	246.719	Pass	
1	Mid	iag	915.750	246.157	Pass	
2	Mid	iag	915.750	245.688	Pass	
3	Mid	iag	915.750	241.282	Pass	



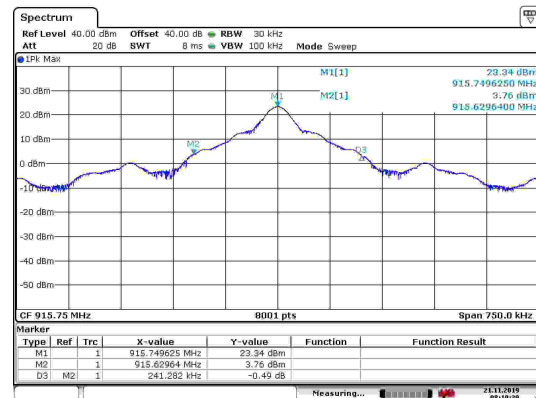
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Date: 20.NOV.2019 15:50:33

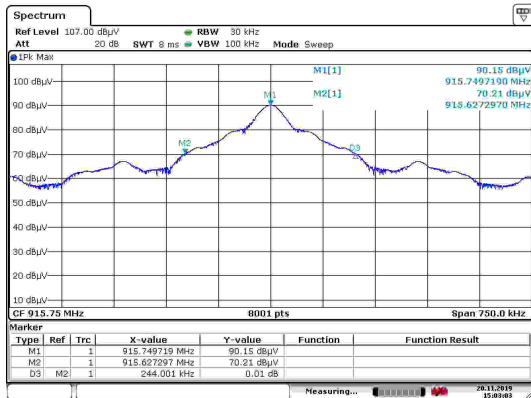


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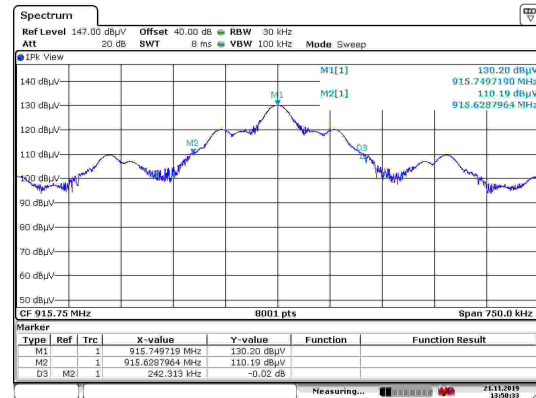


Date: 21.NOV.2019 08:19:40

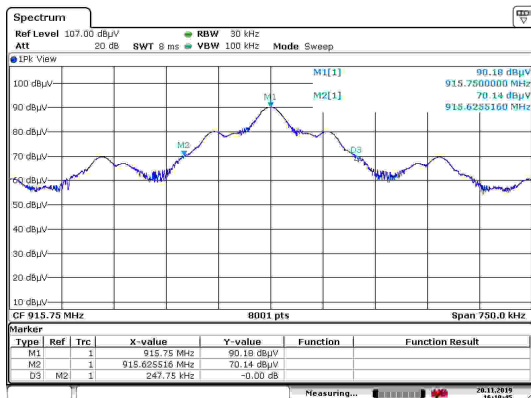
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DNB Job Number:	06022	Date:	18 Nov 2019	Conformance Standard FCC Part 15 Clause 15.247(a,1,i)		
Customer:	Transcore					
Model Number:	MPRXFH					
Description:	Multiprotocol Reader Extreme- Frequency Hopper					
Environmental Conditions						
Ambient Temperature		Relative Humidity		Barometric Pressure		
20 °C		24 %		101.1 kPa		
EUT performed within the requirements of the applicable standard [X] Yes [] No J Payne						
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail	
0	Mid	Sego	915.750	244.001	Pass	
1	Mid	Sego	915.750	242.313	Pass	
2	Mid	Sego	915.750	247.750	Pass	
3	Mid	Sego	915.750	244.563	Pass	



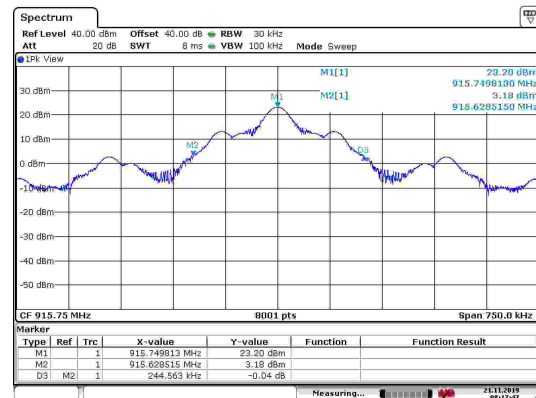
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Date: 21.NOV.2019 13:50:33

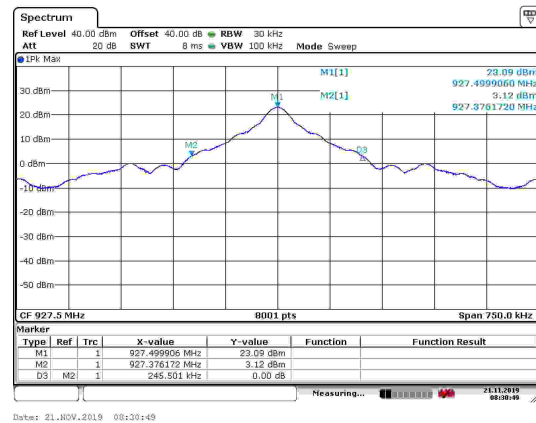
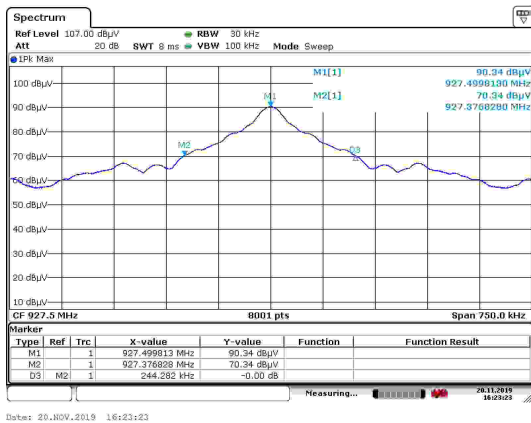
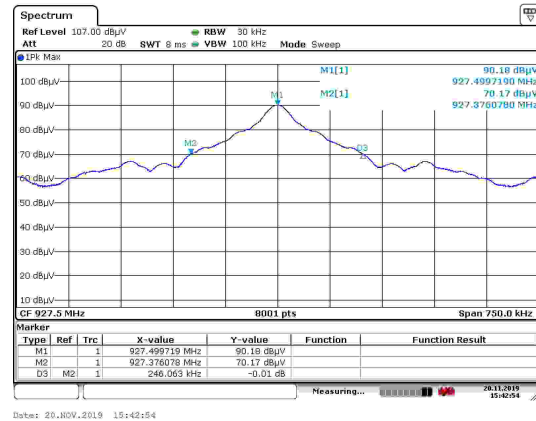
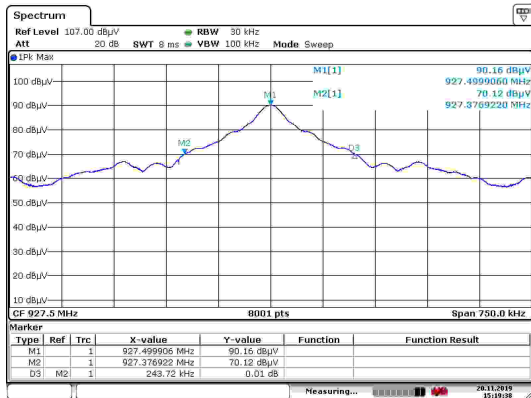


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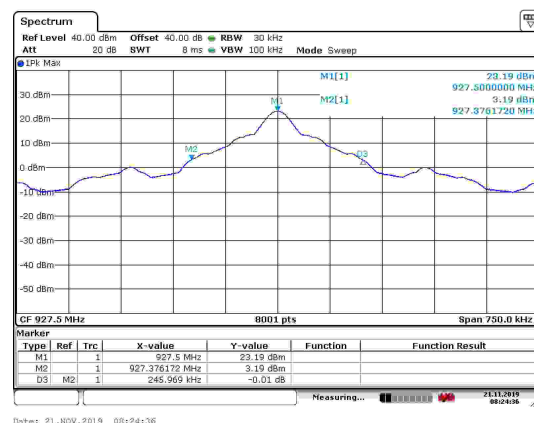
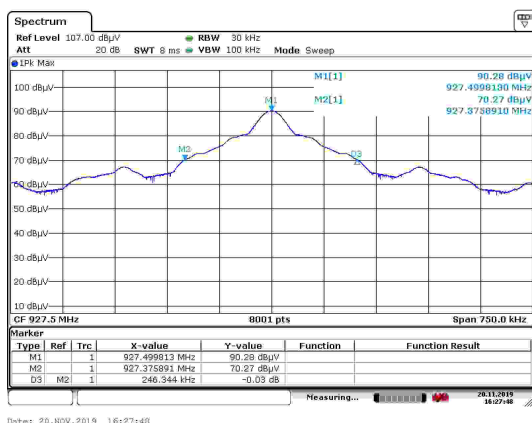
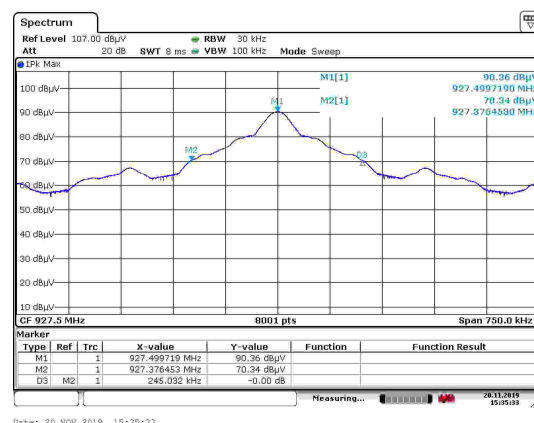
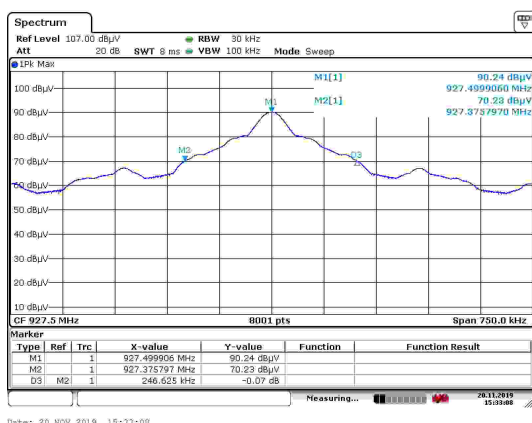


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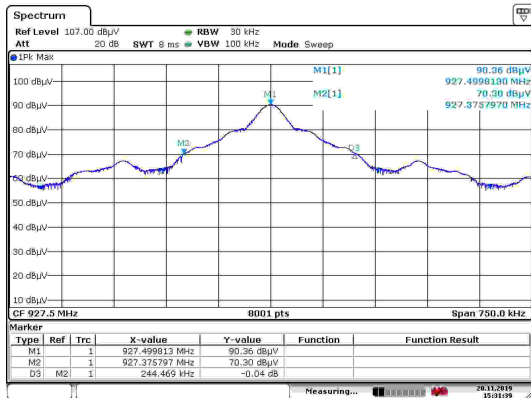
	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	20 dB Single Channel Bandwidth			
DNB Job Number:	06022	Date:	18 Nov 2019	Conformance Standard FCC Part 15	
Customer:	Transcore				
Model Number:	MPRXFH			Clause 15.247(a,1,i)	
Description:	Multiprotocol Reader Extreme- Frequency Hopper				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
20 °C		24 %		101.1 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No J Payne					
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail
0	High	ego	927.500	243.720	Pass
1	High	ego	927.500	246.063	Pass
2	High	ego	927.500	244.282	Pass
3	High	ego	927.500	245.501	Pass



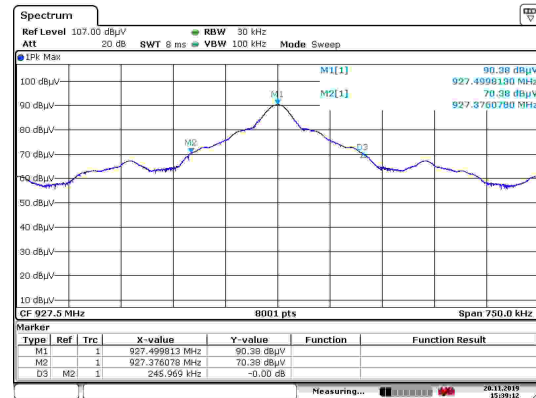
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DNB Job Number:		06022		Date:	18 Nov 2019
Customer:		Transcore			Conformance Standard FCC Part 15
Model Number:		MPRXFH			
Description:		Multiprotocol Reader Extreme- Frequency Hopper			Clause 15.247(a,1,i)
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
20 °C		24 %		101.1 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>					
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail
0	High	epc	927.500	246.625	Pass
1	High	epc	927.500	245.032	Pass
2	High	epc	927.500	246.344	Pass
3	High	epc	927.500	245.969	Pass



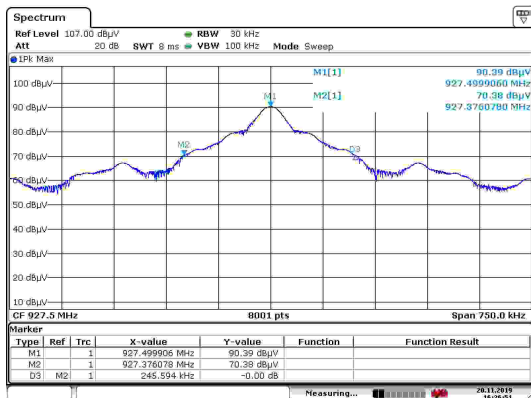
		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		20 dB Single Channel Bandwidth		
DNB Job Number:	06022	Date:	18 Nov 2019	Conformance Standard FCC Part 15 Clause 15.247(a,1,i)		
Customer:	Transcore					
Model Number:	MPRXFH					
Description:	Multiprotocol Reader Extreme- Frequency Hopper					
Environmental Conditions						
Ambient Temperature		Relative Humidity		Barometric Pressure		
20 °C		24 %		101.1 kPa		
EUT performed within the requirements of the applicable standard [X] Yes [] No J Payne						
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail	
0	High	iag	927.500	244.469	Pass	
1	High	iag	927.500	245.969	Pass	
2	High	iag	927.500	245.594	Pass	
3	High	iag	927.500	245.219	Pass	



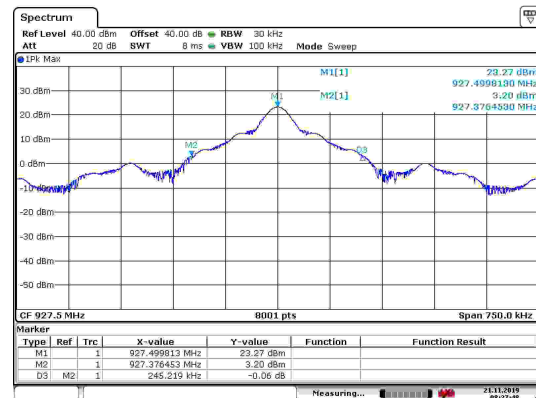
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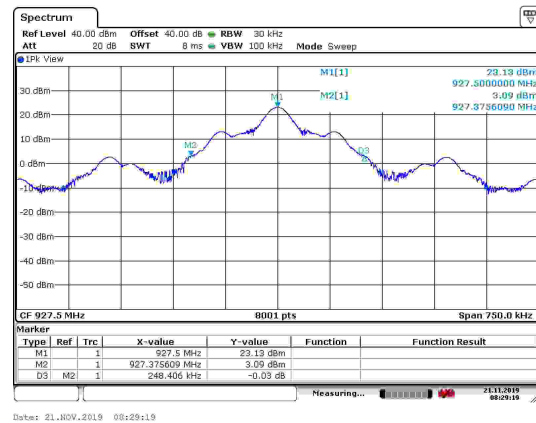
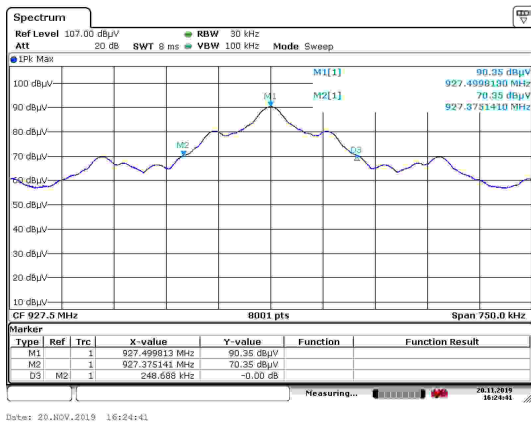
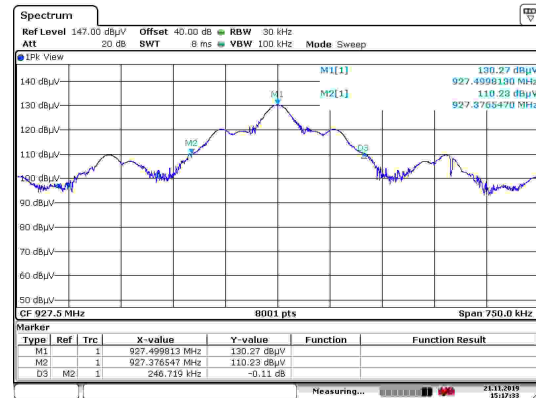
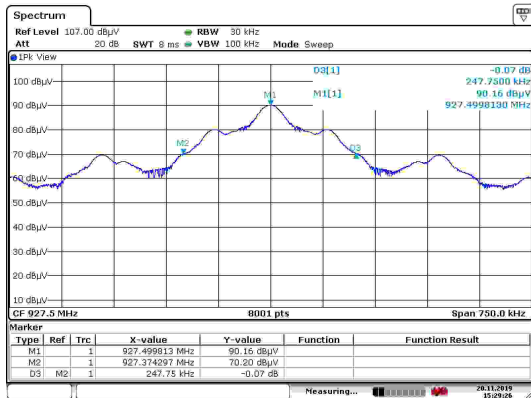


Date: 20.NOV.2019 16:26:51



Date: 21.NOV.2019 08:27:49

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		20 dB Single Channel Bandwidth		
DNB Job Number:	06022		Date:	18 Nov 2019	Conformance Standard FCC Part 15
Customer:	Transcore				
Model Number:	MPRXFH				
Description:	Multiprotocol Reader Extreme- Frequency Hopper				Clause 15.247(a,1,i)
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
20 °C		24 %		101.1 kPa	
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No J Payne					
Port	Channel	Modulation	Chl Freq (MHz)	20dB BW (kHz)	Pass/Fail
0	High	Sego	927.500	247.750	Pass
1	High	Sego	927.500	246.719	Pass
2	High	Sego	927.500	248.688	Pass
3	High	Sego	927.500	248.406	Pass



15.247 (b,2) Maximum Peak Output Power (Conducted)

Test Procedure: ANSI C63.10-2013

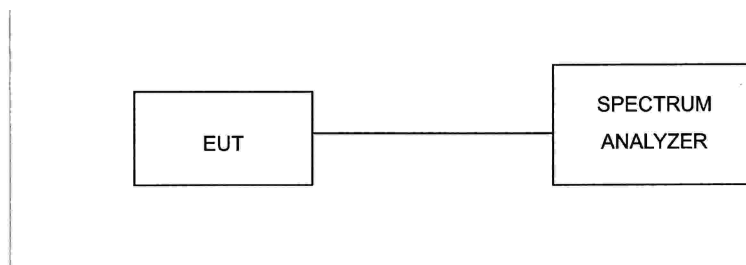
Peak Output Power

Per clause 7.8.5

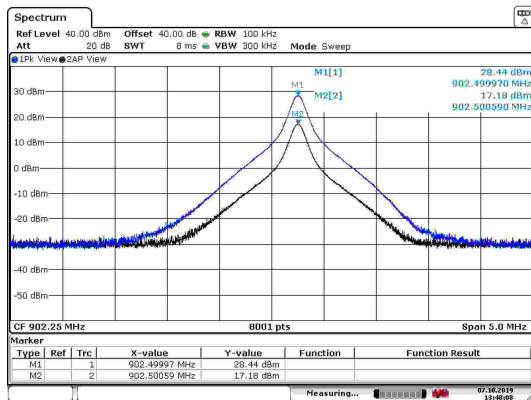
Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation. The hopping shall be disabled for this test:

- a) Use the following spectrum analyzer settings:
 - 1) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.
 - 2) RBW > 20 dB bandwidth of the emission being measured.
 - 3) VBW $\geq$ RBW.
 - 4) Sweep: Auto.
 - 5) Detector function: Peak.
 - 6) Trace: Max hold.
- b) Allow trace to stabilize.
- c) Use the marker-to-peak function to set the marker to the peak of the emission.
- d) The indicated level is the peak output power, after any corrections for external attenuators and cables.
- e) A plot of the test results and setup description shall be included in the test report.
- f) Note: EUT can not operate simultaneous modes and can only operate on one port at a time.

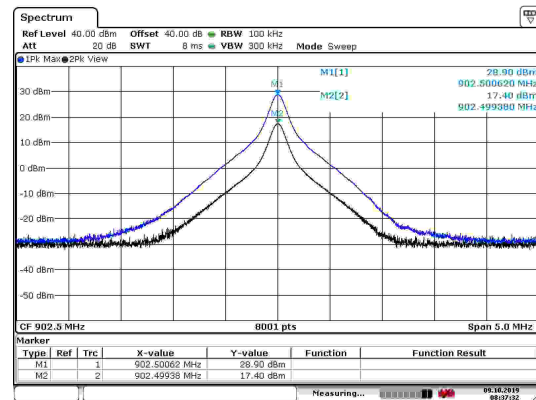
Test Set Up:



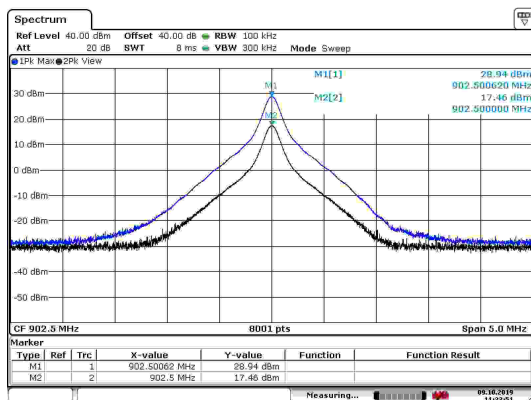
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	Low	ego	902.500	28.44	30.00	-1.56	698.232	1000	-302	Pass
1	Low	ego	902.500	28.90	30.00	-1.10	776.247	1000	-224	Pass
2	Low	ego	902.500	28.94	30.00	-1.06	783.430	1000	-217	Pass
3	Low	ego	902.500	28.90	30.00	-1.10	776.247	1000	-224	Pass



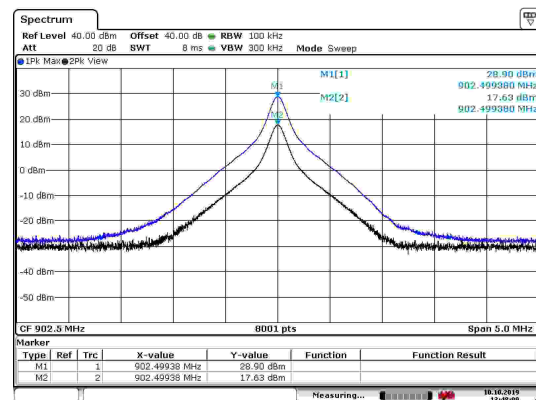
Date: 7.OCT.2019 13:48:09



Date: 9.OCT.2019 08:37:32

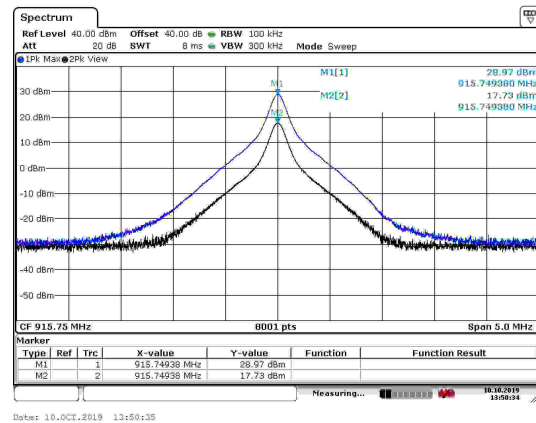
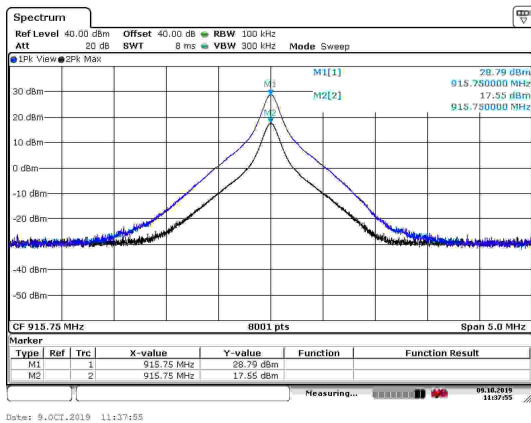
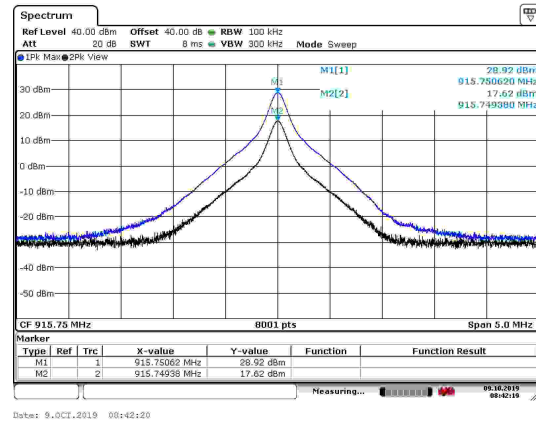
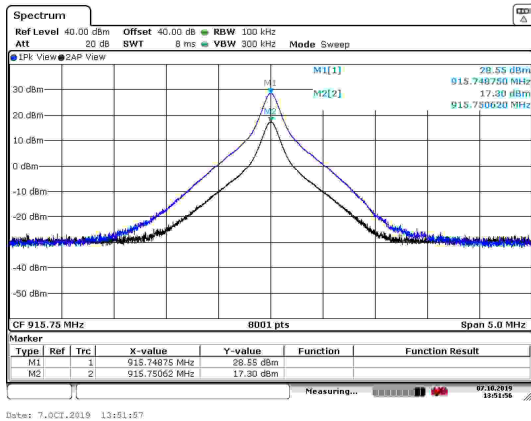


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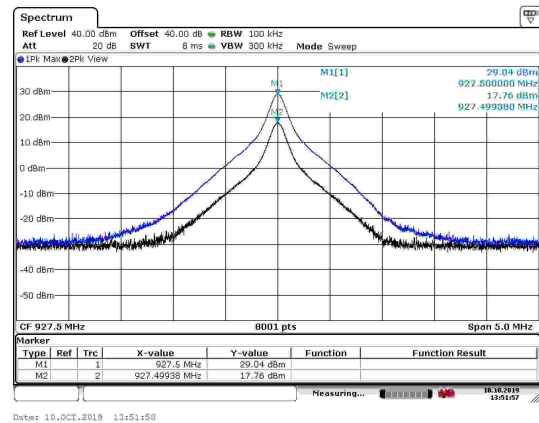
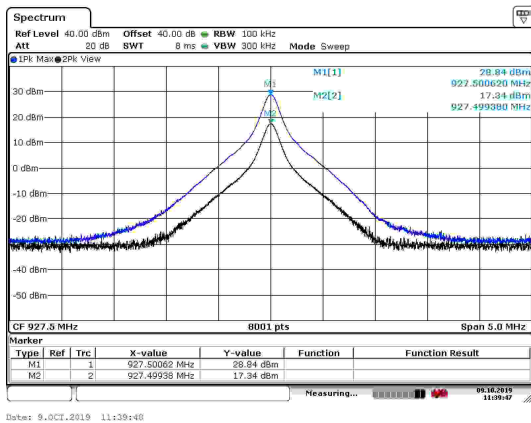
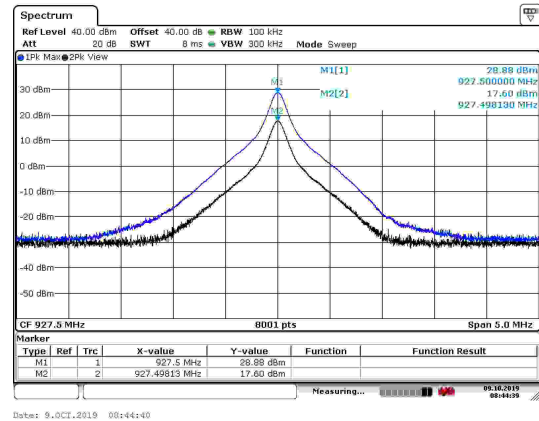
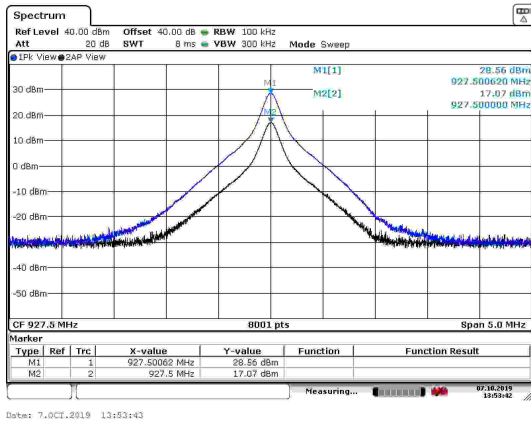


Date: 10.OCT.2019 13:48:00

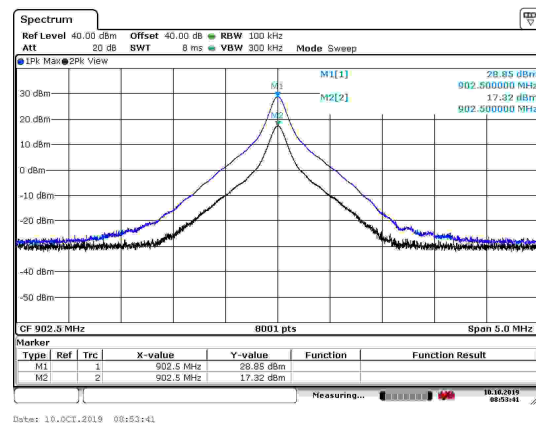
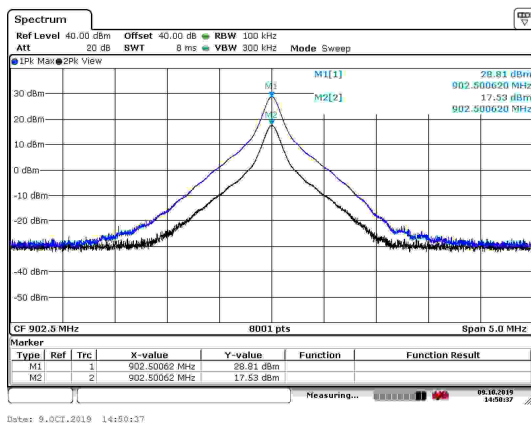
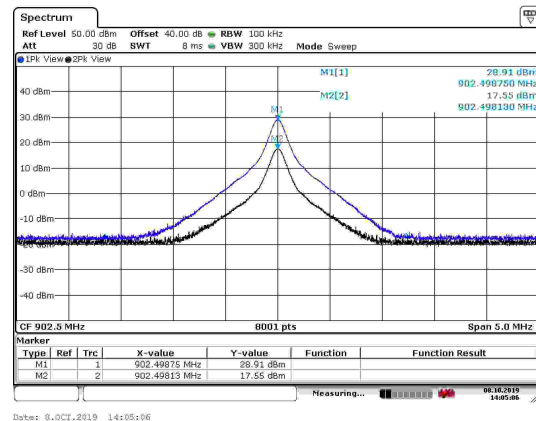
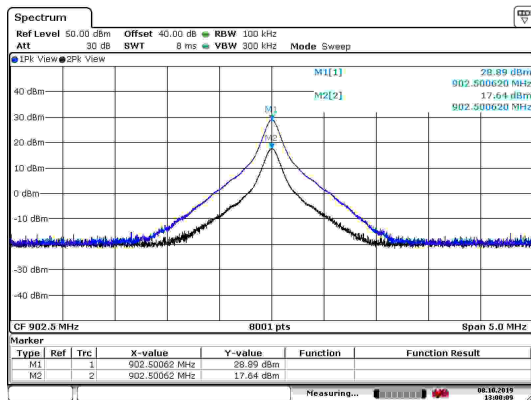
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	Mid	ego	915.750	28.55	30	-1.45	716.143	1000	-284	Pass
1	Mid	ego	915.750	28.92	30	-1.08	779.830	1000	-220	Pass
2	Mid	ego	915.750	28.79	30	-1.21	756.833	1000	-243	Pass
3	Mid	ego	915.750	28.97	30	-1.03	788.860	1000	-211	Pass



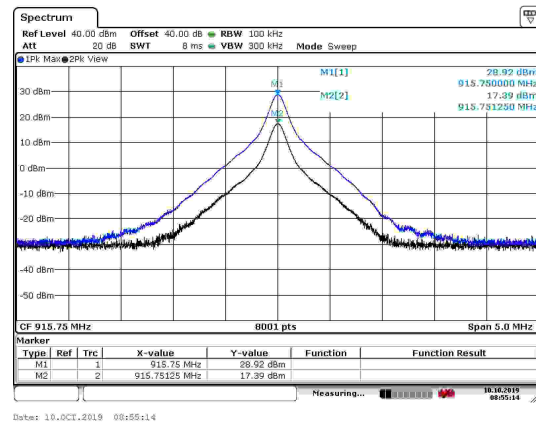
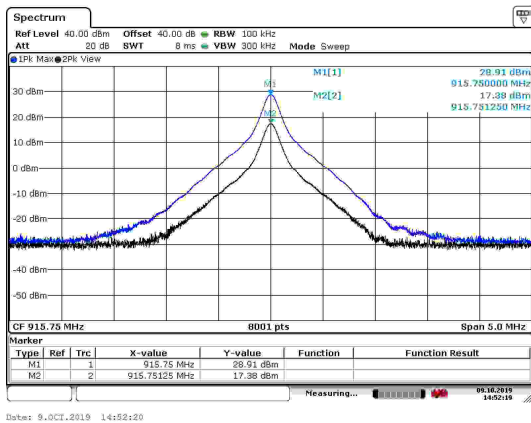
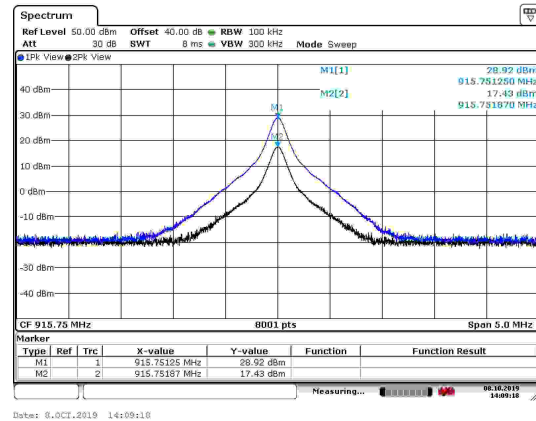
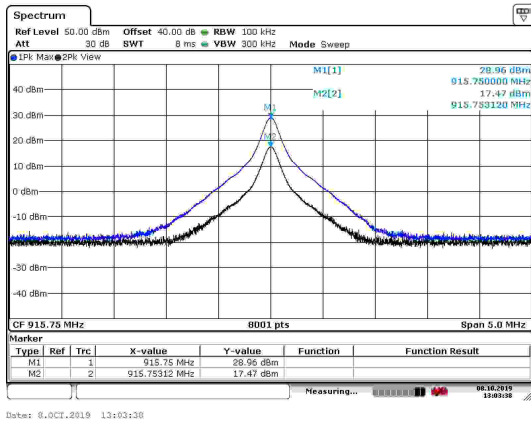
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	High	ego	927.500	28.56	30	-1.44	717.794	1000	-282	Pass
1	High	ego	927.500	28.88	30	-1.12	772.681	1000	-227	Pass
2	High	ego	927.500	28.84	30	-1.16	765.597	1000	-234	Pass
3	High	ego	927.500	29.04	30	-0.96	801.678	1000	-198	Pass



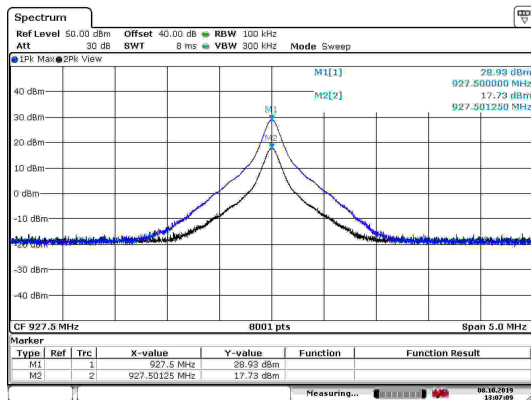
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	Low	epc	902.500	28.89	30	-1.11	774.462	1000	-226	Pass
1	Low	epc	902.500	28.91	30	-1.09	778.037	1000	-222	Pass
2	Low	epc	902.500	28.81	30	-1.19	760.326	1000	-240	Pass
3	Low	epc	902.500	28.85	30	-1.15	767.361	1000	-233	Pass



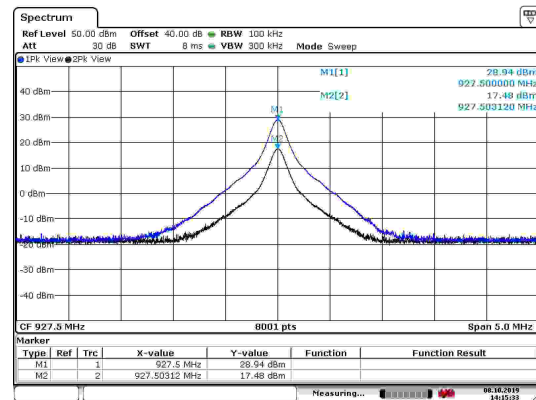
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	Mid	epc	915.750	28.96	30	-1.04	787.046	1000	-213	Pass
1	Mid	epc	915.750	28.92	30	-1.08	779.830	1000	-220	Pass
2	Mid	epc	915.750	28.91	30	-1.09	778.037	1000	-222	Pass
3	Mid	epc	915.750	28.92	30	-1.08	779.830	1000	-220	Pass



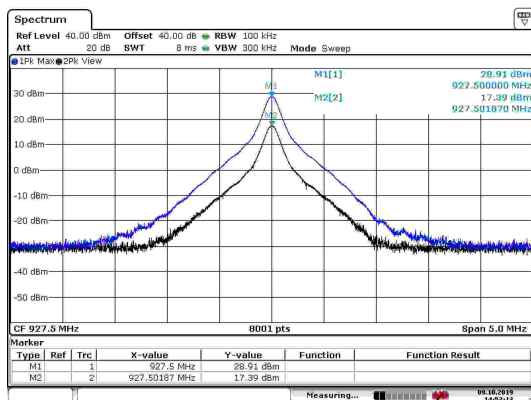
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	High	epc	927.500	28.93	30	-1.07	781.628	1000	-218	Pass
1	High	epc	927.500	28.94	30	-1.06	783.430	1000	-217	Pass
2	High	epc	927.500	28.91	30	-1.09	778.037	1000	-222	Pass
3	High	epc	927.500	28.94	30	-1.06	783.430	1000	-217	Pass



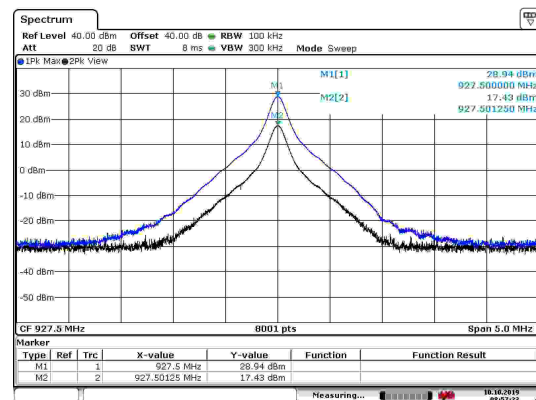
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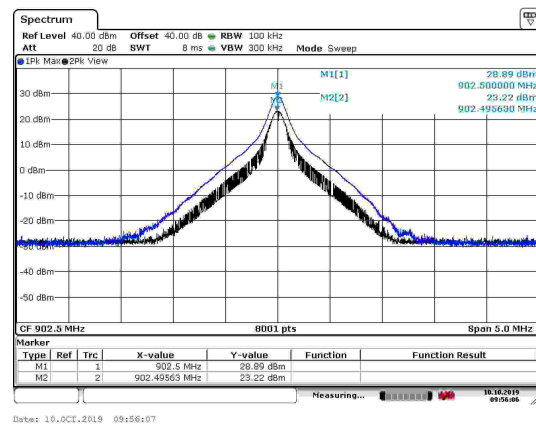
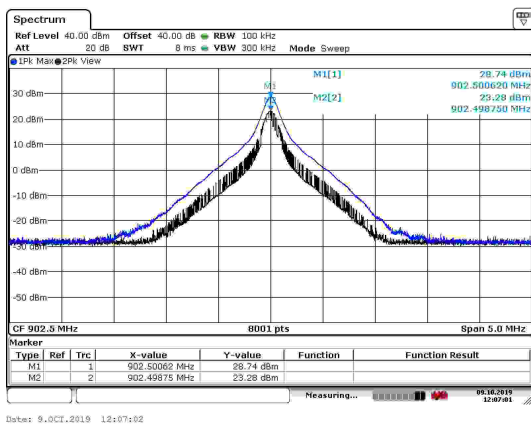
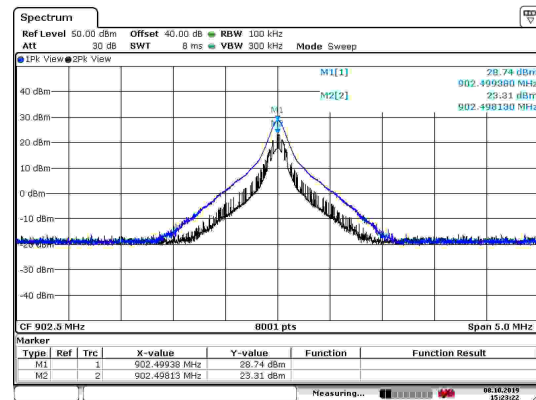
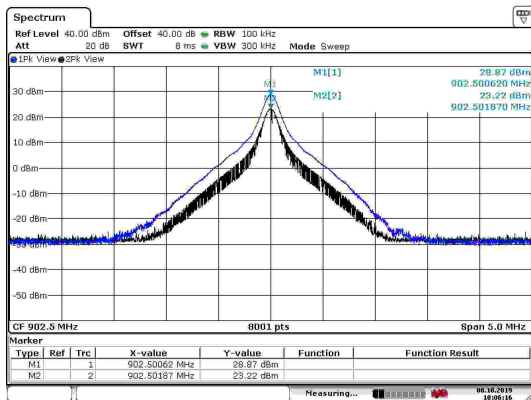


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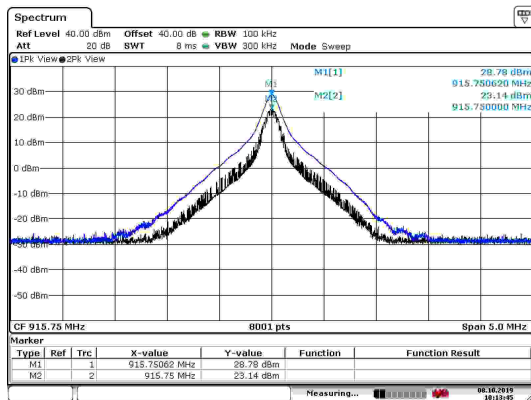


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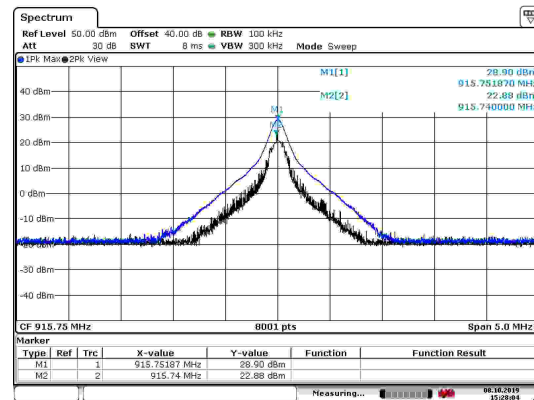
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	Low	iag	902.500	28.87	30	-1.13	770.903	1000	-229	Pass
1	Low	iag	902.500	28.74	30	-1.26	748.170	1000	-252	Pass
2	Low	iag	902.500	28.74	30	-1.26	748.170	1000	-252	Pass
3	Low	iag	902.500	28.89	30	-1.11	774.462	1000	-226	Pass



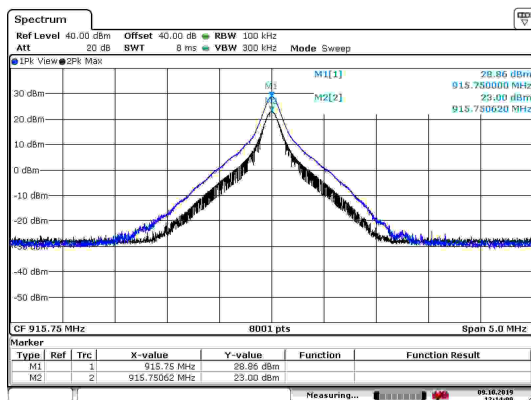
			1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436			Peak Output Power (Cond)				
DNB Job Number:			06022			Date:		10 Oct 2019		Conformance Standard FCC Part 15
Customer:			Transcore							
Model Number:			MPRXFH							
Description:			Multiprotocol Reader Extreme- Frequency Hopper						Clause 15.247(b,2)	
Environmental Conditions										
Ambient Temperature				Relative Humidity			Barometric Pressure			
24 °C				32 %			101.30 kPa			
EUT performed within the requirements of the applicable standard ☒ Yes ☐ No <i>J Payne</i>										
Port	Channel	Mod	Freq (MHz)	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
0	Mid	iag	915.750	28.78	30	-1.22	755.092	1000	-245	Pass
1	Mid	iag	915.750	28.90	30	-1.1	776.247	1000	-224	Pass
2	Mid	iag	915.750	28.86	30	-1.14	769.130	1000	-231	Pass
3	Mid	iag	915.750	28.76	30	-1.24	751.623	1000	-248	Pass



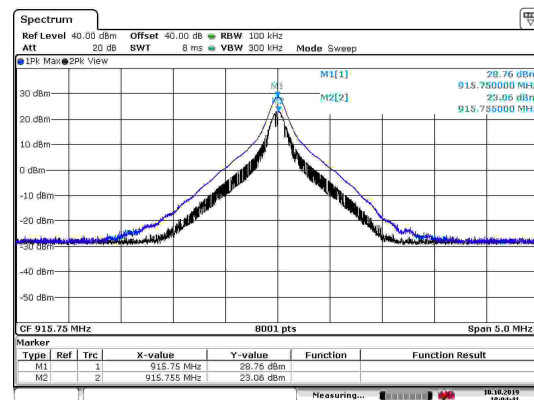
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Date: 9.OCT.2019 12:14:01



Date: 10.OCT.2019 10:04:41