

Subject: FAA Concurrence of Record TRK 190125

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering. TRK 190125 is assigned an FAA Coordination number NG T190150 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 9/17/2019. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority to transmit accordingly must be obtained from the FCC. FAA Spectrum has provided the following comment:

FAU Line: (ADD TO FCC GRANT AND NG SUP DETAILS) THIS IS FOR A SHORT-TERM, PROOF OF CONCEPT OPERATIONS ONLY FOR FLIGHT TEST TELEMETRY. OPERATION SHALL BE LIMITED TO 5140-5150 MHZ AND 9000 FEET MAXIMUM ALTITUDE FOR A ONE WAY, AIR-TO-GROUND LINK. IT SHALL NOT BE USED FOR OPERATIONAL PURPOSES OR COMMERCIAL APPLICATIONS. THE FAA CONSIDERS THIS PROPOSAL TO BE A TEMPORARY WORKAROUND SINCE THE POWER LEVELS DO NOT MEET RESOLUTION 418, AND ANY LONG-TERM RENEWALS ARE EXPECTED TO MEET THE REQUIREMENTS. FAILURE TO MEET RESOLUTION 418 WILL RESULT IN NON-CONCURRENCE OF FUTURE RENEWALS. AMT OPERATIONS ARE NON-INTERFERENCE BASIS TO AERONAUTICAL FIXED AND SATELLITE OPERATIONS.

Attribute	Revised Value
Frequency	M5140.0000

Thank You

FAA Spectrum Engineering

TRK 190125 (NG T190150) Summary

Attribute	Record Parameter
Serial Number	NG T190150
Frequency	M5140.0000
City	EAST KERN
State	CA
Transmitter Radius	5
Transmitter Latitude	345003.00N
Transmitter Longitude	1180419.00W
Antenna Height	0000
Receiver Latitude	345003.00N
Receiver Longitude	1180419.00W
Service Type	
Equipment Type	C,QUS QSX-VDR2-1100-05-04
Antenna Type	STUB
Flight Level	
Runway Number	

Subject: FAA Concurrence of Record TRK 190124

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering. TRK 190124 is assigned an FAA Coordination number NG T190149 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 9/17/2019. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority to transmit accordingly must be obtained from the FCC. FAA Spectrum has provided the following comment:

FAU Line: (ADD TO FCC GRANT AND NG SUP DETAILS) THIS IS FOR A SHORT-TERM, PROOF OF CONCEPT OPERATIONS ONLY FOR FLIGHT TEST TELEMETRY. OPERATION SHALL BE LIMITED TO 5140-5150 MHZ AND 9000 FEET MAXIMUM ALTITUDE FOR A ONE WAY, AIR-TO-GROUND LINK. IT SHALL NOT BE USED FOR OPERATIONAL PURPOSES OR COMMERCIAL APPLICATIONS. THE FAA CONSIDERS THIS PROPOSAL TO BE A TEMPORARY WORKAROUND SINCE THE POWER LEVELS DO NOT MEET RESOLUTION 418, AND ANY LONG-TERM RENEWALS ARE EXPECTED TO MEET THE REQUIREMENTS. FAILURE TO MEET RESOLUTION 418 WILL RESULT IN NON-CONCURRENCE OF FUTURE RENEWALS. AMT OPERATIONS ARE NON-INTERFERENCE BASIS TO AERONAUTICAL FIXED AND SATELLITE OPERATIONS.

Attribute	Revised Value
Frequency	M5140.0000

Thank You

FAA Spectrum Engineering

TRK 190124 (NG T190149) Summary

Attribute	Record Parameter
Serial Number	NG T190149
Frequency	M5140.0000
City	EAST KERN
State	CA
Transmitter Radius	5
Transmitter Latitude	350320.00N
Transmitter Longitude	1181046.00W
Antenna Height	0000
Receiver Latitude	350320.00N
Receiver Longitude	1181046.00W
Service Type	
Equipment Type	C,QUS QSX-VDR2-1100-05-04
Antenna Type	STUB
Flight Level	
Runway Number	

Subject: FAA Concurrence of Record TRK 190128

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering. TRK 190128 is assigned an FAA Coordination number NG T190153 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 9/17/2019. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority to transmit accordingly must be obtained from the FCC. FAA Spectrum has provided the following comment:

FAU Line: (ADD TO FCC GRANT AND NG SUP DETAILS) THIS IS FOR A SHORT-TERM, PROOF OF CONCEPT OPERATIONS ONLY FOR FLIGHT TEST TELEMETRY. OPERATION SHALL BE LIMITED TO 5140-5150 MHZ AND LABORATORY PURPOSES. IT SHALL NOT BE USED FOR OPERATIONAL PURPOSES OR COMMERCIAL APPLICATIONS. THE FAA CONSIDERS THIS PROPOSAL TO BE A TEMPORARY WORKAROUND SINCE THE POWER LEVELS DO NOT MEET RESOLUTION 418, AND ANY LONG-TERM RENEWALS ARE EXPECTED TO MEET THE REQUIREMENTS. FAILURE TO MEET RESOLUTION 418 WILL RESULT IN NON-CONCURRENCE OF FUTURE RENEWALS. AMT OPERATIONS ARE NON-INTERFERENCE BASIS TO AERONAUTICAL FIXED AND SATELLITE OPERATIONS.

Attribute	Revised Value
Frequency	M5140.0000

Thank You

FAA Spectrum Engineering

TRK 190128 (NG T190153) Summary

Attribute	Record Parameter
Serial Number	NG T190153
Frequency	M5140.0000
City	MOORPARK
State	CA
Transmitter Radius	
Transmitter Latitude	341713.00N
Transmitter Longitude	1185209.00W
Antenna Height	0000
Receiver Latitude	341713.00N
Receiver Longitude	1185209.00W
Service Type	
Equipment Type	C,QUS QSX-VDR2-1100-05-04
Antenna Type	STUB
Flight Level	
Runway Number	

Subject: FAA Concurrence of Record TRK 190127

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering. TRK 190127 is assigned an FAA Coordination number NG T190152 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 9/17/2019. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority to transmit accordingly must be obtained from the FCC. FAA Spectrum has provided the following comment:

FAU Line: (ADD TO FCC GRANT AND NG SUP DETAILS) THIS IS FOR A SHORT-TERM, PROOF OF CONCEPT OPERATIONS ONLY FOR FLIGHT TEST TELEMETRY. OPERATION SHALL BE LIMITED TO 5140-5150 MHZ FOR LABORATORY PURPOSES. IT SHALL NOT BE USED FOR OPERATIONAL PURPOSES OR COMMERCIAL APPLICATIONS. THE FAA CONSIDERS THIS PROPOSAL TO BE A TEMPORARY WORKAROUND SINCE THE POWER LEVELS DO NOT MEET RESOLUTION 418, AND ANY LONG-TERM RENEWALS ARE EXPECTED TO MEET THE REQUIREMENTS. FAILURE TO MEET RESOLUTION 418 WILL RESULT IN NON-CONCURRENCE OF FUTURE RENEWALS. AMT OPERATIONS ARE NON-INTERFERENCE BASIS TO AERONAUTICAL FIXED AND SATELLITE OPERATIONS.

Attribute	Revised Value
Frequency	M5140.0000

Thank You

FAA Spectrum Engineering

TRK 190127 (NG T190152) Summary

Attribute	Record Parameter
Serial Number	NG T190152
Frequency	M5140.0000
City	SIMI VALLEY
State	CA
Transmitter Radius	
Transmitter Latitude	341658.00N
Transmitter Longitude	1184645.00W
Antenna Height	0000
Receiver Latitude	341658.00N
Receiver Longitude	1184645.00W
Service Type	
Equipment Type	C,QUS QSX-VDR2-1100-05-04
Antenna Type	STUB
Flight Level	
Runway Number	

Subject: FAA Concurrence of Record TRK 190170

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering. TRK 190170 is assigned an FAA Coordination number NG T190196 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 10/20/2019. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority to transmit accordingly must be obtained from the FCC. FAA Spectrum has provided the following comment:

FAU Line: (ADD TO FCC GRANT NG SUP DETAILS) THIS IS FOR A SHORT-TERM, PROOF OF CONCEPT OPERATIONS ONLY FOR FLIGHT TEST TELEMETRY. OPERATION SHALL BE LIMITED TO 5140-5150 MHZ AND 9000 FEET MAXIMUM ALTITUDE FOR A ONE WAY, AIR-TO-GROUND LINK. IT SHALL NOT BE USED FOR OPERATIONAL PURPOSES OR COMMERCIAL APPLICATIONS. THE LOCATION IS NOT AN APPROVED TEST RANGE FOR AMT OPERATIONS PER US111. THE FAA CONSIDERS THIS PROPOSAL TO BE A TEMPORARY WORKAROUND SINCE THE POWER LEVELS DO NOT MEET RESOLUTION 418, AND ANY LONG-TERM RENEWALS ARE EXPECTED TO MEET THE REQUIREMENTS. FAILURE TO MEET RESOLUTION 418 WILL RESULT IN NON-CONCURRENCE OF FUTURE RENEWALS.

Attribute	Revised Value
Frequency	M5140.0000
Flight Level	090

Thank You

FAA Spectrum Engineering

TRK 190170 (NG T190196) Summary

Attribute	Record Parameter
Serial Number	NG T190196
Frequency	M5140.0000
City	LANAI
State	HI
Transmitter Radius	5
Transmitter Latitude	204643.00N
Transmitter Longitude	1565621.00W
Antenna Height	0000
Receiver Latitude	204643.00N
Receiver Longitude	1565621.00W
Service Type	
Equipment Type	C,QUS QSX-VDR2-1100-05-04
Antenna Type	STUB
Flight Level	090
Runway Number	