



Radio Frequency Interference on the SGP and Worldwide

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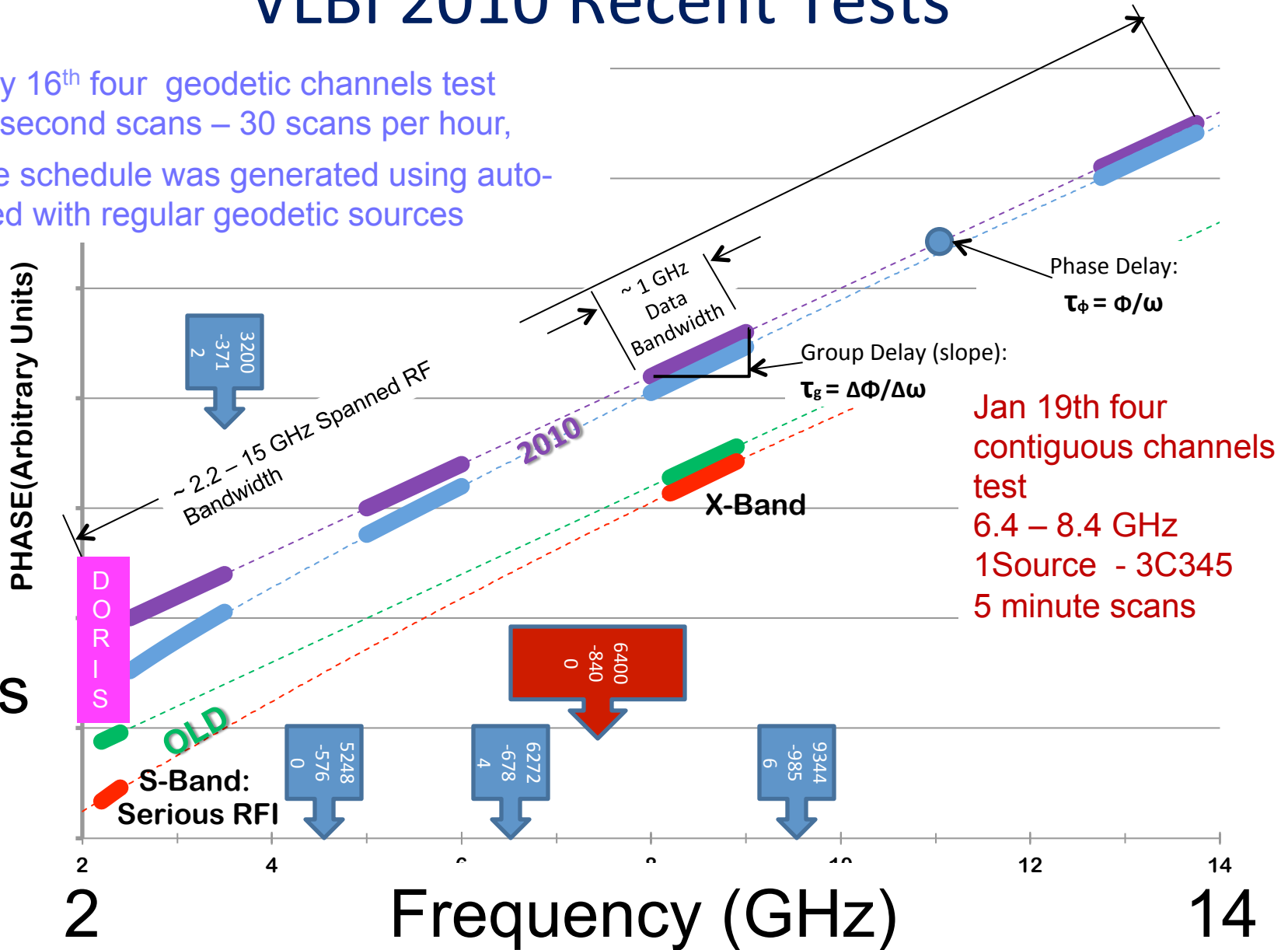
July 18th, 2012

July 18th, SGP Intern Lunch time speaker Agenda

- Scott Galbraith – Spectrum Management at GSFC
- ↪ Larry – RFI on Space Geodesy Project introduction
 - Jeremy – Solving the RFI Problems at GGAO
- Larry - RFI experienced in Space borne Radiometers
- Tom – RFI on VLBI 2010 and legacy systems

VLBI 2010 Recent Tests

May 16th four geodetic channels test
 30 second scans – 30 scans per hour,
 The schedule was generated using auto-
 sked with regular geodetic sources



Phase

RFI environment at GGAO

From	To	AZ	EL	Ellipsoidal Distance (M)	Transmit frequency
Horn (@ 12 Meter)	NGSLR Radar	183° 36'	1°28'36.12"	202.77	9.41 GHz
Horn (@ 12 Meter)	MOBE 7 Radar	194° 57'	2°07'25.64"	160.53	9.41 GHz

DORIS CW **2.036 GHz**

